

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012270.D
 Acq On : 10 Sep 2019 22:55
 Operator : SY/SP
 Sample : VX0910SBS03
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 8:59:32 AM

Quant Time: Sep 11 03:08:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	126108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	241753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	98850	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
35) Dibromofluoromethane	5.48	113	74986	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	276791	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.14	95	122040	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	19764	19.169	ug/l	97
3) Chloromethane	1.31	50	19468	20.947	ug/l	98
4) Vinyl Chloride	1.39	62	18471	20.045	ug/l	97
5) Bromomethane	1.62	94	9536	23.034	ug/l	96
6) Chloroethane	1.70	64	12316	19.987	ug/l	96
7) Trichlorofluoromethane	1.91	101	31532	18.907	ug/l	98
8) Diethyl Ether	2.17	74	12427	21.837	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21914	19.496	ug/l	98
10) Methyl Iodide	2.49	142	17476	16.336	ug/l	99
11) Tert butyl alcohol	3.03	59	17245m	84.991	ug/l	
12) 1,1-Dichloroethene	2.36	96	19160	20.079	ug/l	99
13) Acrolein	2.28	56	9725	104.344	ug/l	97
14) Allyl chloride	2.71	41	39523	20.315	ug/l	99
15) Acrylonitrile	3.13	53	38836	110.398	ug/l	98
16) Acetone	2.43	43	37348	88.488	ug/l	98
17) Carbon Disulfide	2.55	76	38630	19.278	ug/l	99
18) Methyl Acetate	2.76	43	20005	22.550	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	84093	22.315	ug/l	96
20) Methylene Chloride	2.84	84	32238	23.062	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	23618	20.745	ug/l	97
22) Diisopropyl ether	3.84	45	95546	21.474	ug/l	96
23) Vinyl Acetate	3.80	43	288307	105.613	ug/l	98
24) 1,1-Dichloroethane	3.68	63	51049	21.420	ug/l	99
25) 2-Butanone	4.67	43	56516	104.746	ug/l	99
26) 2,2-Dichloropropane	4.57	77	39171	17.506	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	31574	21.481	ug/l	98
28) Bromochloromethane	5.00	49	24354	21.788	ug/l	96
29) Tetrahydrofuran	5.12	42	33080	113.633	ug/l	98
30) Chloroform	5.20	83	57644	21.449	ug/l	97
31) Cyclohexane	5.56	56	31555	19.060	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	46375	20.096	ug/l	98
36) 1,1-Dichloropropene	5.78	75	32794	18.604	ug/l	97
37) Ethyl Acetate	4.82	43	23609	21.666	ug/l	96
38) Carbon Tetrachloride	5.76	117	36196	17.501	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	32811	16.961	ug/l	95
40) Benzene	6.13	78	106381	19.940	ug/l	100
41) Methacrylonitrile	5.03	41	14772	21.990	ug/l	95
42) 1,2-Dichloroethane	6.18	62	43220	20.497	ug/l	100
43) Isopropyl Acetate	6.43	43	47082	20.494	ug/l	99
44) Trichloroethene	7.20	130	28242	19.560	ug/l	95
45) 1,2-Dichloropropane	7.50	63	29397	19.906	ug/l	98
46) Dibromomethane	7.65	93	17412	21.573	ug/l	98
47) Bromodichloromethane	7.89	83	43358	19.685	ug/l	99
48) Methyl methacrylate	7.76	41	23053	20.964	ug/l	97
49) 1,4-Dioxane	7.74	88	5939	400.237	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	121355	100.086	ug/l	99
52) Toluene	8.78	92	70437	19.988	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	41872	19.047	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	46630	19.128	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	25550	20.433	ug/l	98
56) Ethyl methacrylate	9.17	69	34235	20.221	ug/l	99
57) 1,3-Dichloropropane	9.37	76	44151	20.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	85548	98.588	ug/l	99
59) 2-Hexanone	9.49	43	84926	100.735	ug/l	99
60) Dibromochloromethane	9.57	129	27976	19.165	ug/l	96
61) 1,2-Dibromoethane	9.67	107	24252	20.836	ug/l	98
64) Tetrachloroethene	9.33	164	25091	20.911	ug/l	97
65) Chlorobenzene	10.14	112	81253	19.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	30571	19.562	ug/l	98
67) Ethyl Benzene	10.25	91	142288	19.298	ug/l	99
68) m/p-Xylenes	10.35	106	102709	37.842	ug/l	98
69) o-Xylene	10.70	106	52157	19.617	ug/l	99
70) Styrene	10.71	104	91040	19.307	ug/l	98
71) Bromoform	10.85	173	14954	18.454	ug/l #	97
73) Isopropylbenzene	11.01	105	137375	18.484	ug/l	98
74) N-amyl acetate	10.89	43	41889	18.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	33731	21.133	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	28866m	19.904	ug/l	
77) Bromobenzene	11.25	156	34306	20.049	ug/l	99
78) n-propylbenzene	11.35	91	166804	18.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	106122	19.085	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	125668	18.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8457	17.472	ug/l	93
82) 4-Chlorotoluene	11.51	91	126119	18.873	ug/l	100
83) tert-Butylbenzene	11.77	119	118222	18.217	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	130189	18.843	ug/l	99
85) sec-Butylbenzene	11.94	105	138749	17.918	ug/l	99
86) p-Isopropyltoluene	12.06	119	129052	18.037	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67330	19.316	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	67523	19.157	ug/l	98
89) n-Butylbenzene	12.39	91	124417	17.742	ug/l	100
90) Hexachloroethane	12.59	117	23316	17.692	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	63027	19.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6672	20.479	ug/l	93

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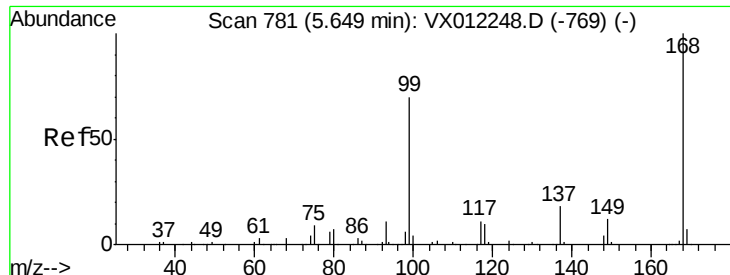
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41897	18.816	µg/l	99
94) Hexachlorobutadiene	13.78	225	20276	18.304	µg/l	98
95) Naphthalene	13.83	128	94135	19.699	µg/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	38491	19.537	µg/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:168 Resp: 126108

Ion Ratio Lower Upper

168 100

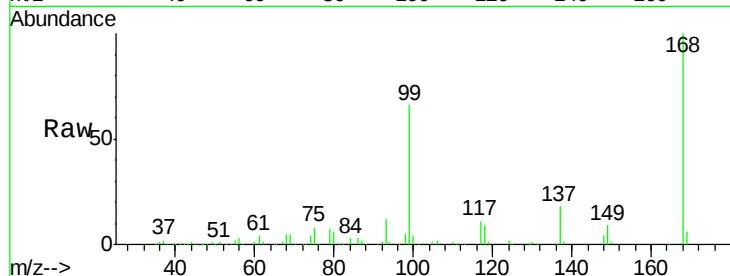
99 66.4 55.8 83.6

Manual Integrations

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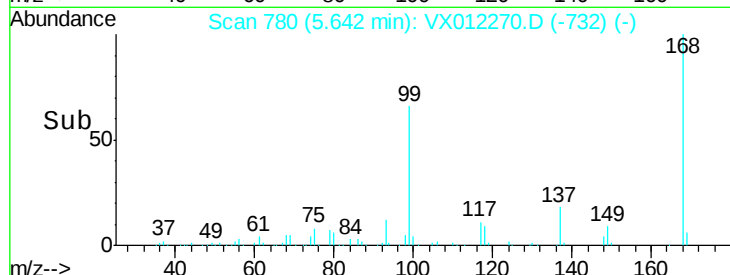


Abundance Ion 167.90 (167.60 to 168.60): V

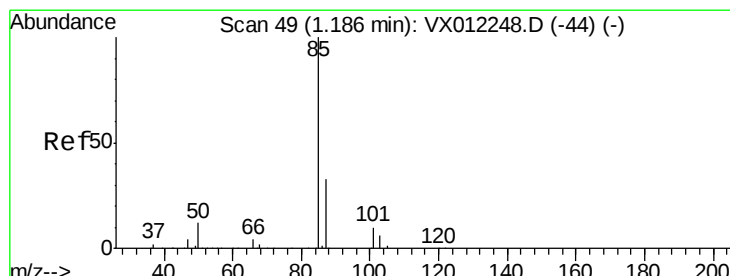
Ion 98.90 (98.60 to 99.60): VX0

5.64

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 19.169 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012270.D

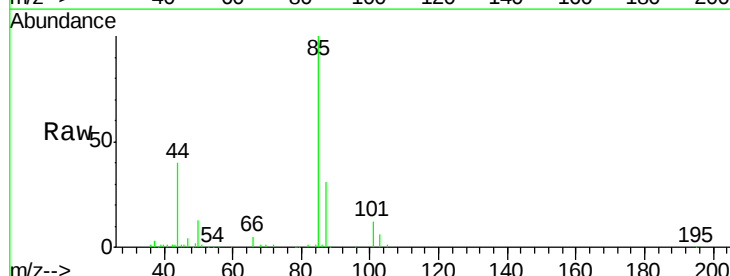
Acq: 10 Sep 2019 22:55

Tgt Ion: 85 Resp: 19764

Ion Ratio Lower Upper

85 100

87 31.4 16.7 50.0

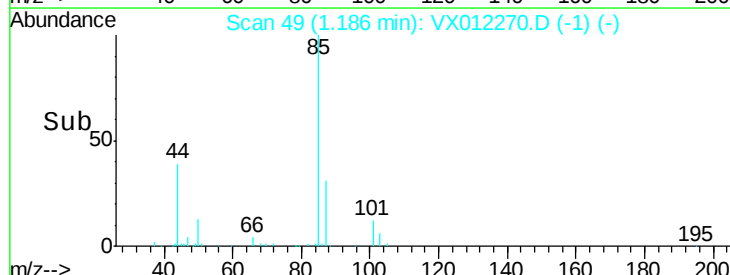


Abundance Ion 84.90 (84.60 to 85.60): VX0

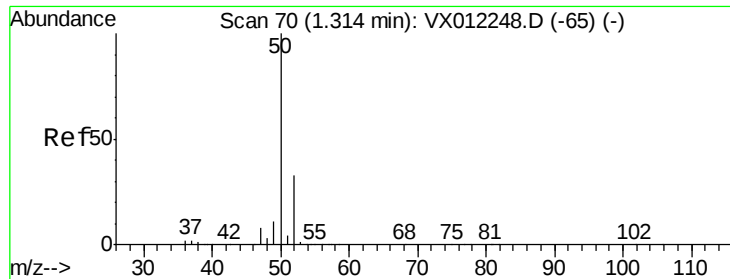
Ion 86.90 (86.60 to 87.60): VX0

1.19

1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 20.947 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 50 Resp: 19468

Ion Ratio Lower Upper

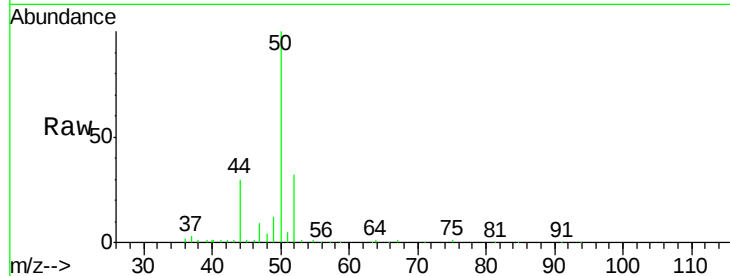
50 100

52 32.0 26.7 40.1

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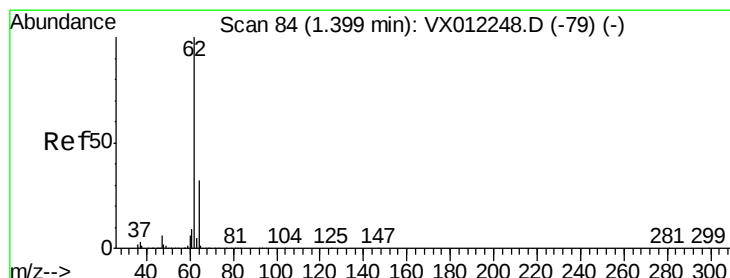
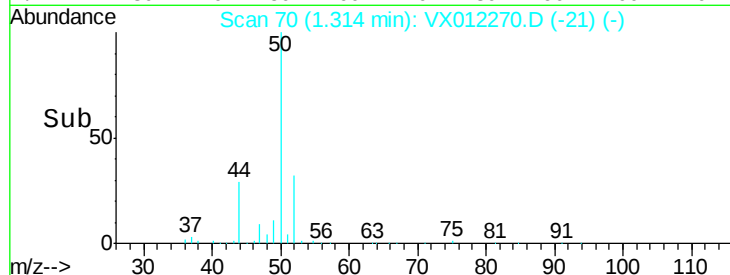
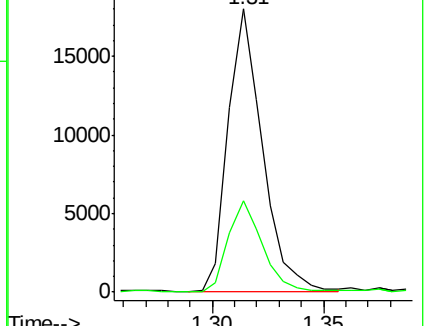
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.045 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012270.D

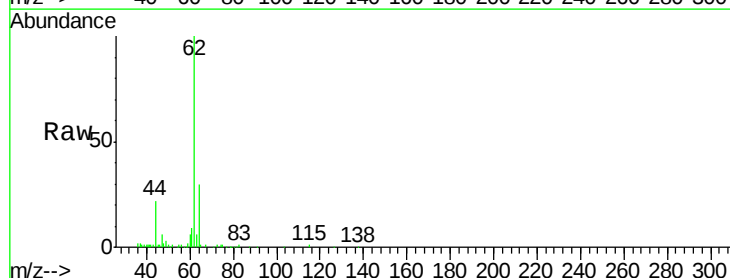
Acq: 10 Sep 2019 22:55

Tgt Ion: 62 Resp: 18471

Ion Ratio Lower Upper

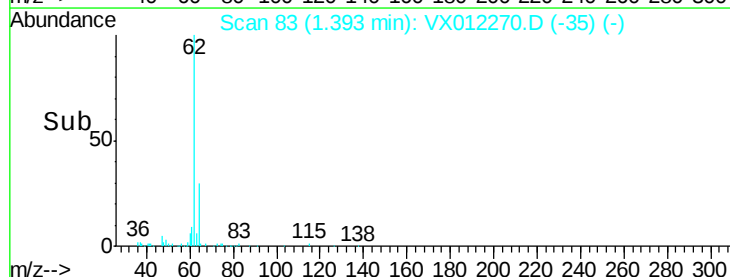
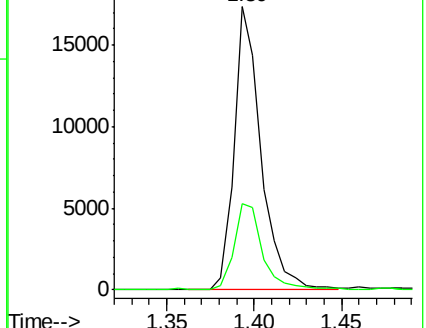
62 100

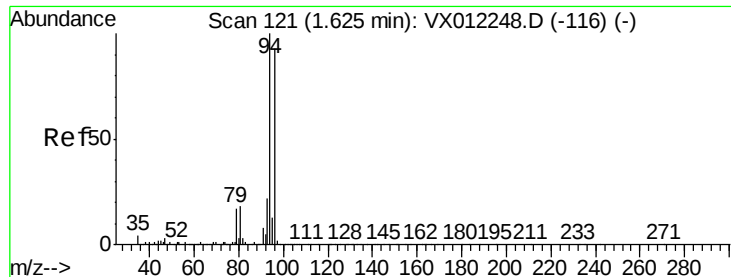
64 30.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.034 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 94 Resp: 9536

Ion Ratio Lower Upper

94 100

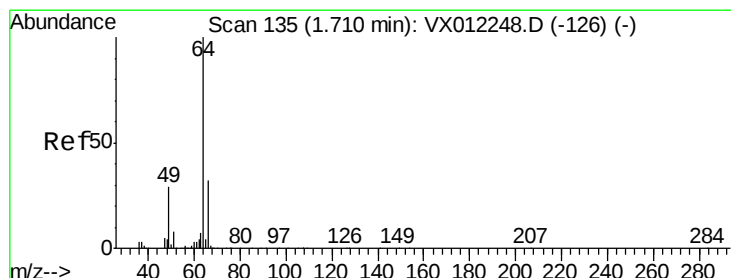
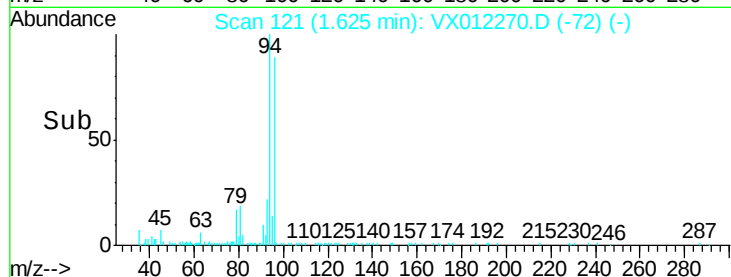
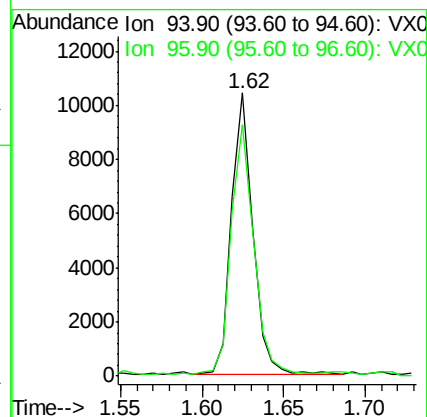
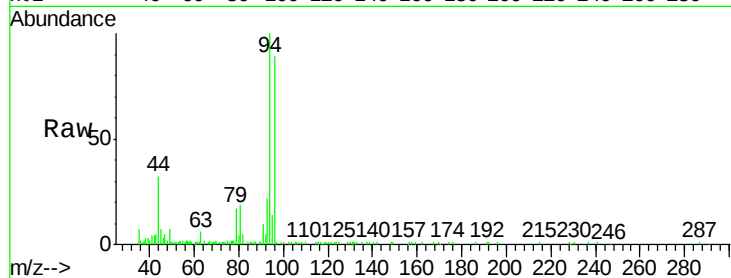
96 88.8 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 19.987 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012270.D

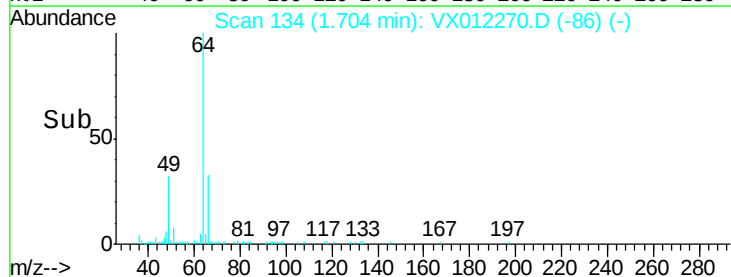
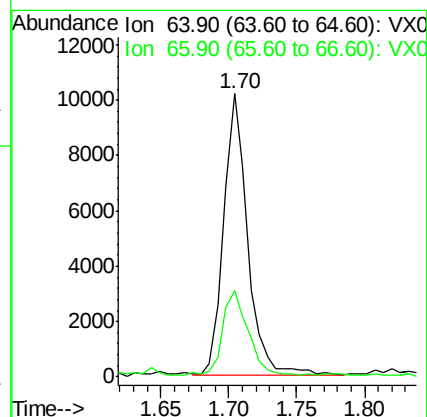
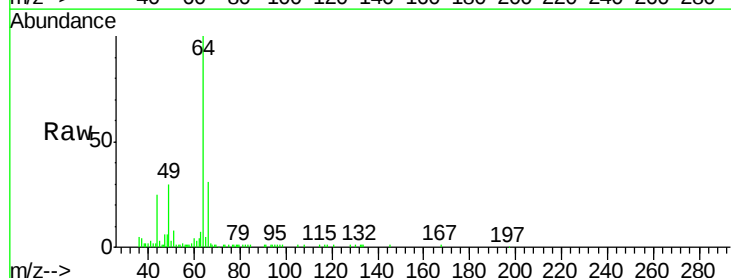
Acq: 10 Sep 2019 22:55

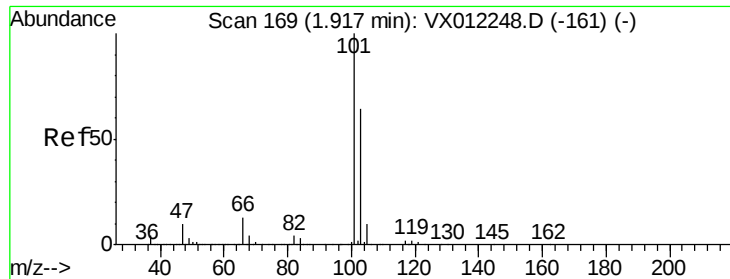
Tgt Ion: 64 Resp: 12316

Ion Ratio Lower Upper

64 100

66 29.9 25.8 38.6





#7

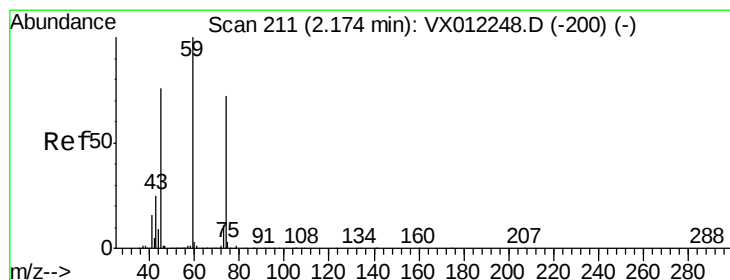
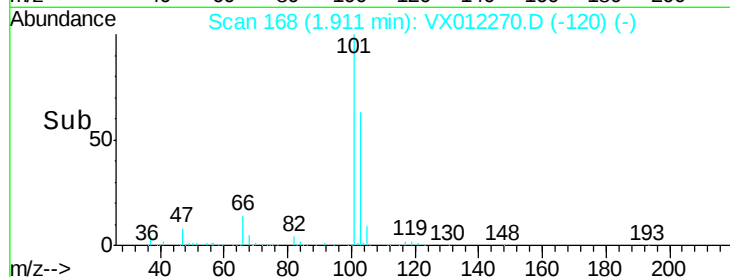
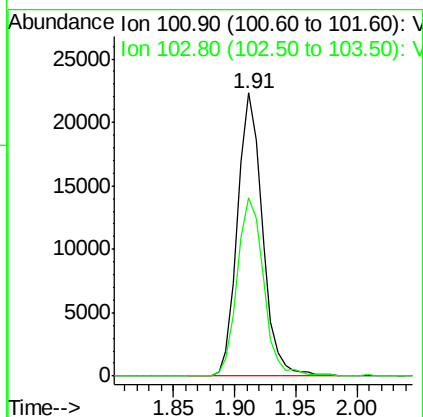
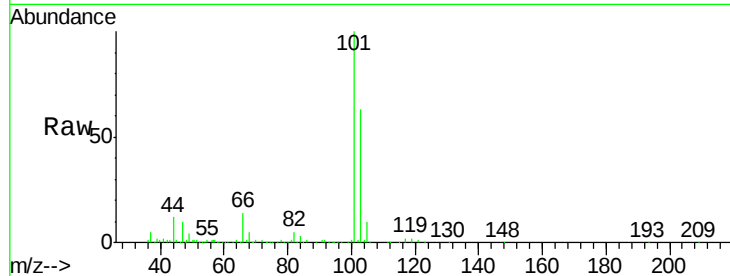
Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.4	77.2

Manual Integrations
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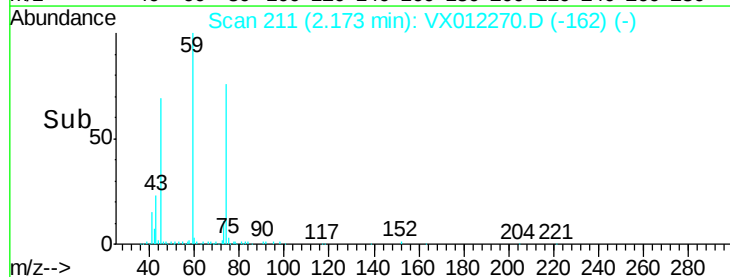
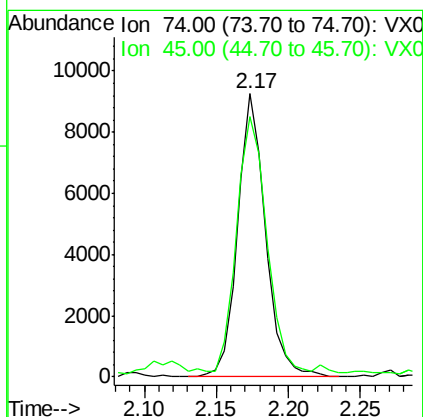
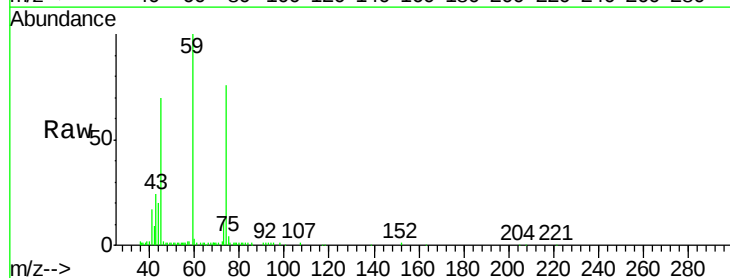
MMDadoda
9/12/2019 8:59:32 AM

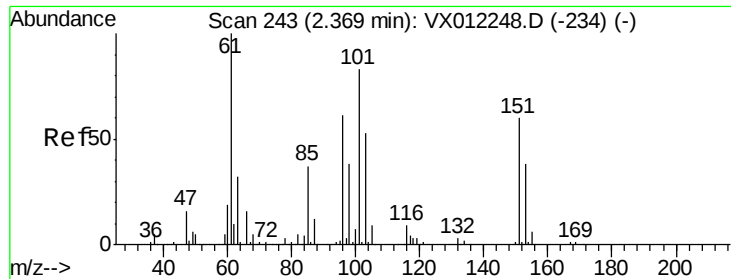


#8

Diethyl Ether
Concen: 21.837 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.496 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

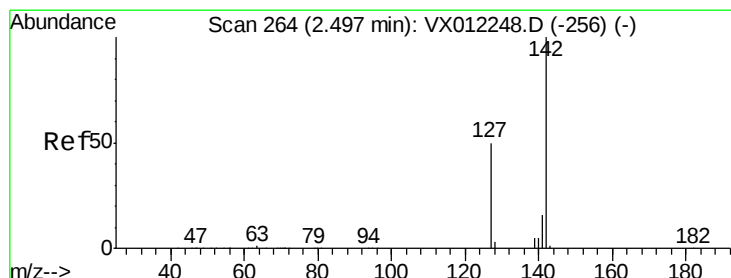
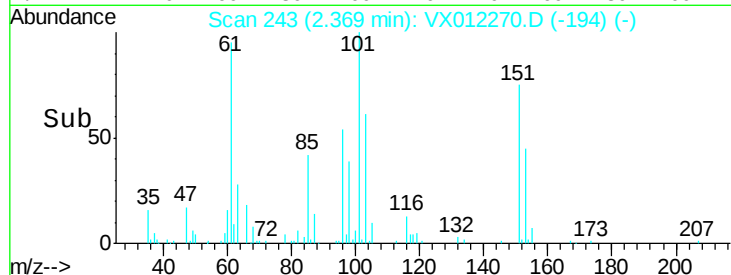
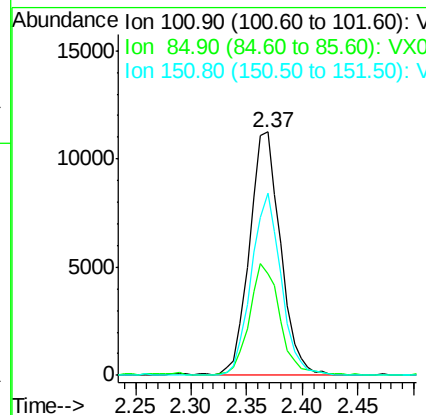
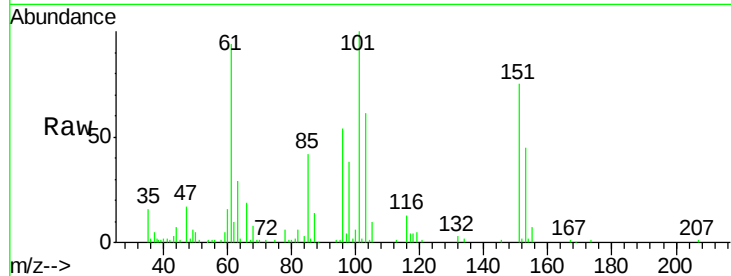
ClientSampleId :

VX0910SBS03

Tot Ion:	101	Resp:	21914
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.0	55.6
151	71.7	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 16.336 ug/l

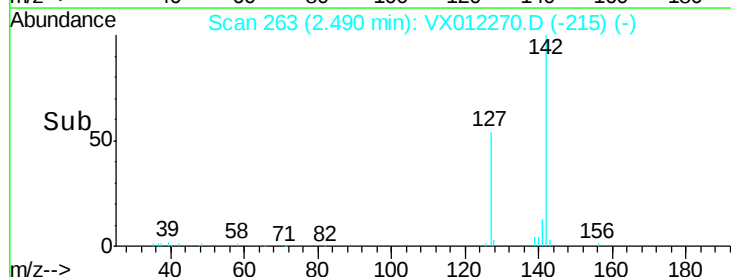
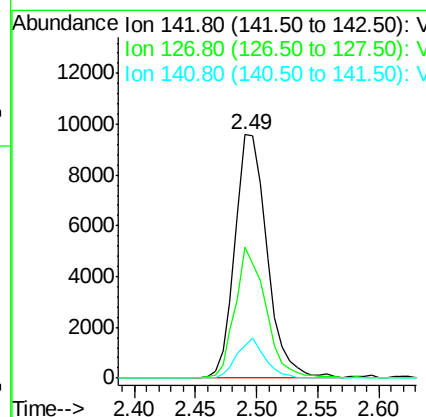
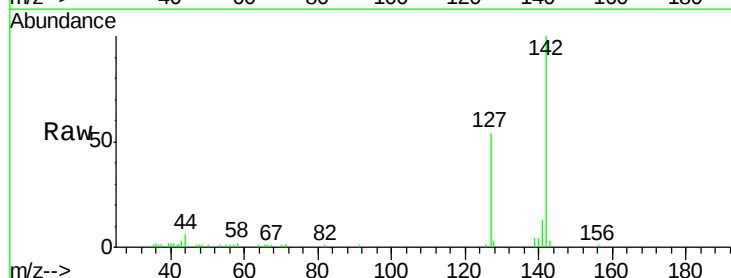
RT: 2.49 min Scan# 263

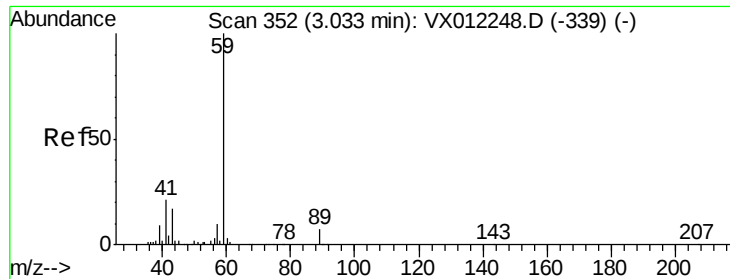
Delta R.T. -0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	142	Resp:	17476
Ion Ratio	Lower	Upper	
142	100		
127	51.6	40.6	61.0
141	14.0	12.0	18.0





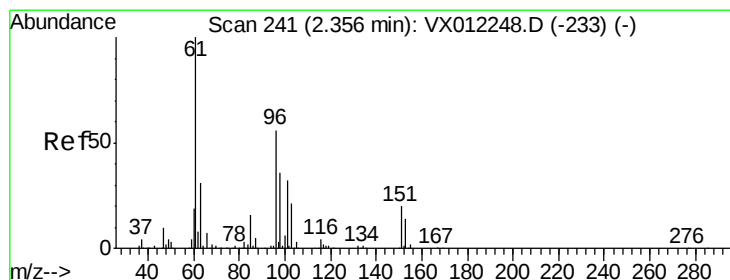
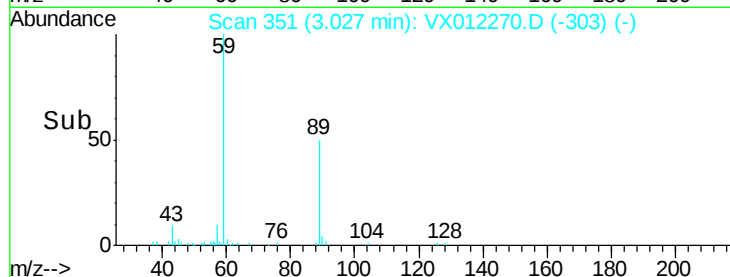
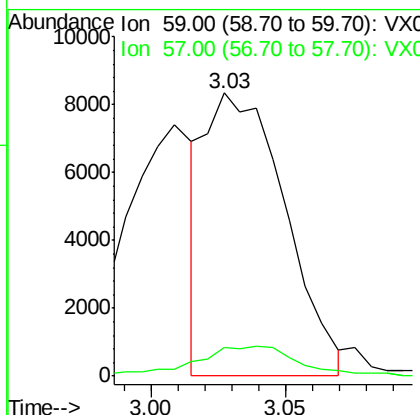
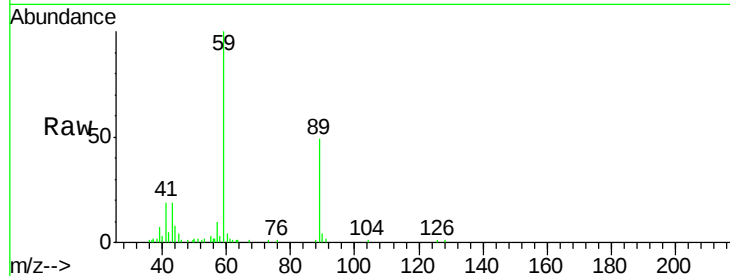
#11
Tert butyl alcohol
Concen: 84.991 ug/l m
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 59 Resp: 17245
Ion Ratio Lower Upper
59 100
57 14.3 7.8 11.6#

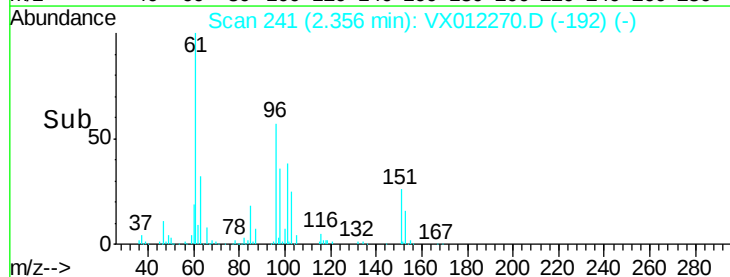
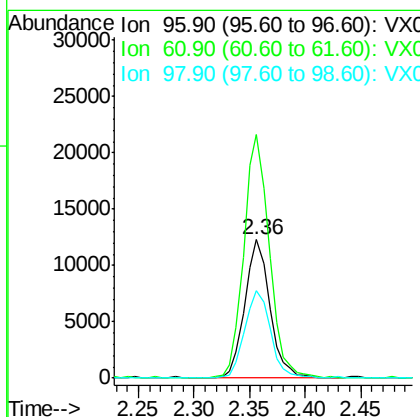
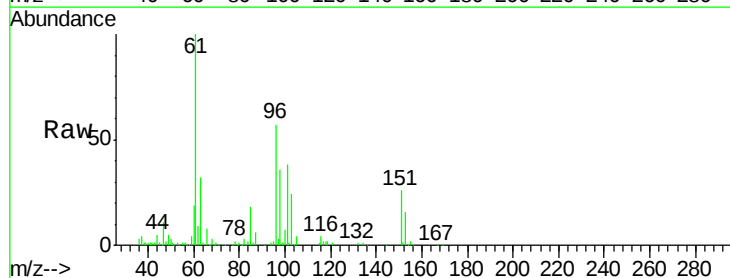
Manual Integrations
APPROVED

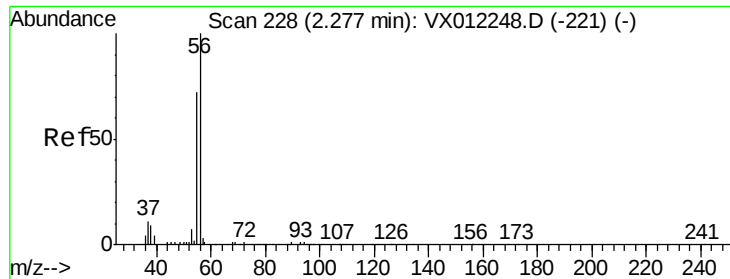
MMDadoda
9/12/2019 8:59:32 AM



#12
1,1-Dichloroethene
Concen: 20.079 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion: 96 Resp: 19160
Ion Ratio Lower Upper
96 100
61 176.0 142.2 213.2
98 62.8 51.3 76.9





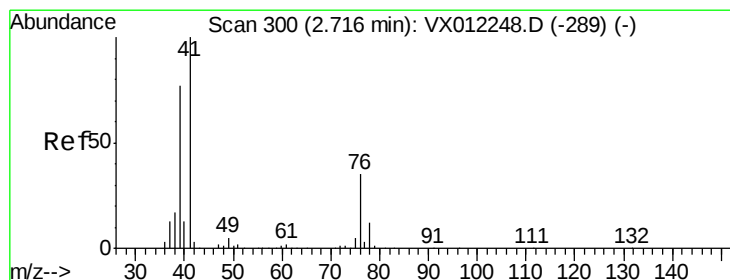
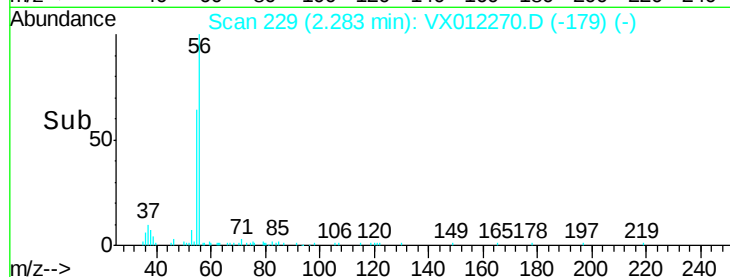
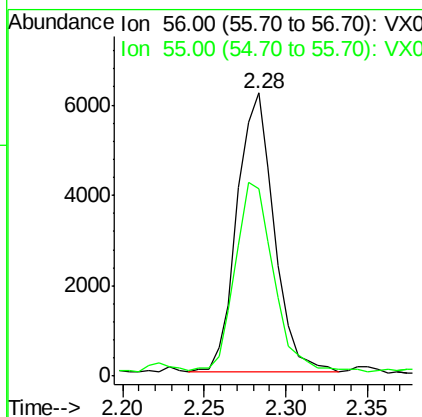
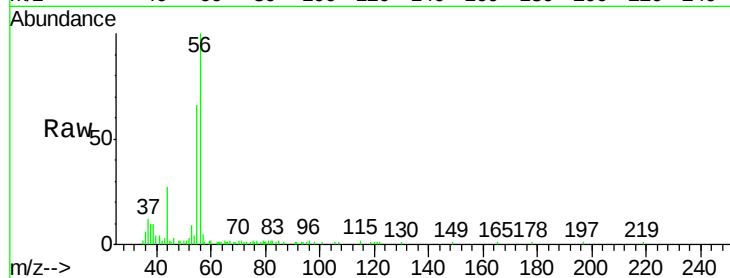
#13
Acrolein
Concen: 104.344 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.2	59.8	89.6

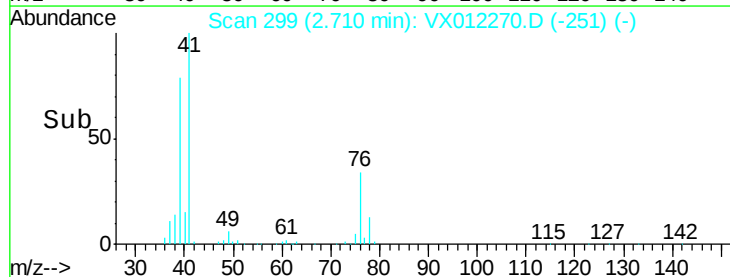
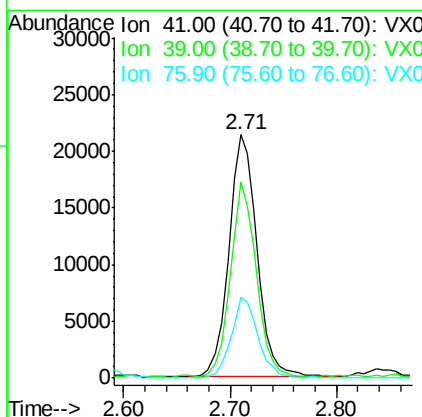
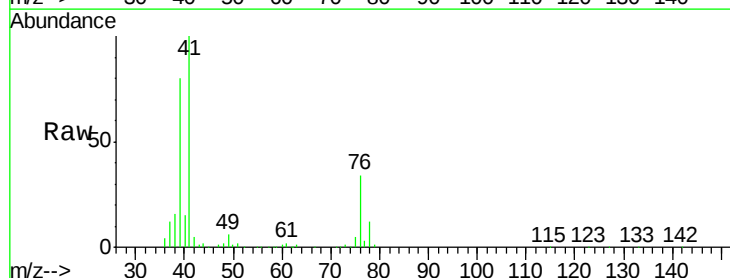
Manual Integrations
APPROVED

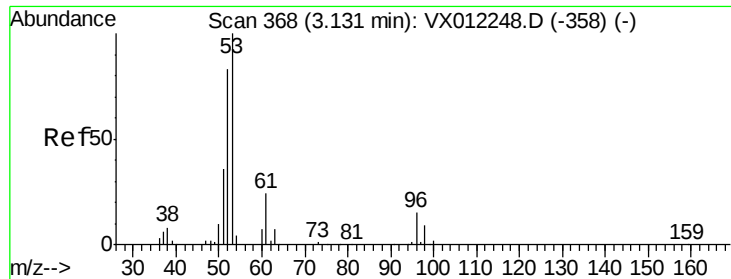
MMDadoda
9/12/2019 8:59:32 AM



#14
Allyl chloride
Concen: 20.315 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.9	58.6	87.8
76	31.4	26.3	39.5





#15

Acrylonitrile

Concen: 110.398 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

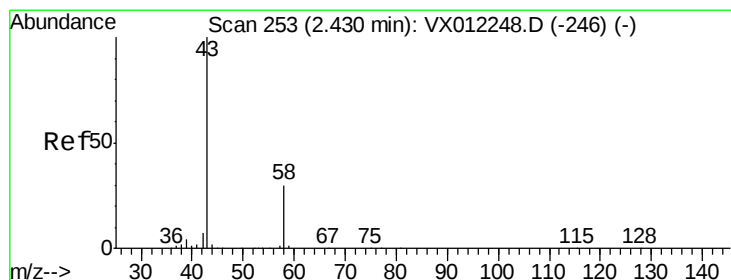
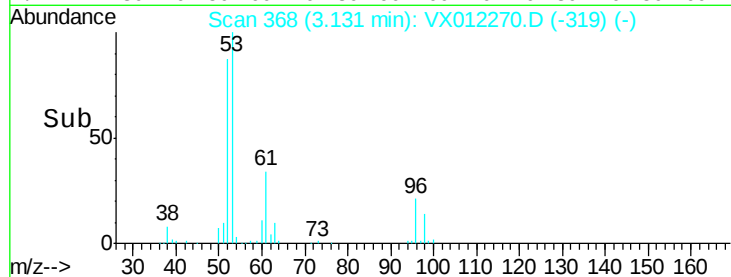
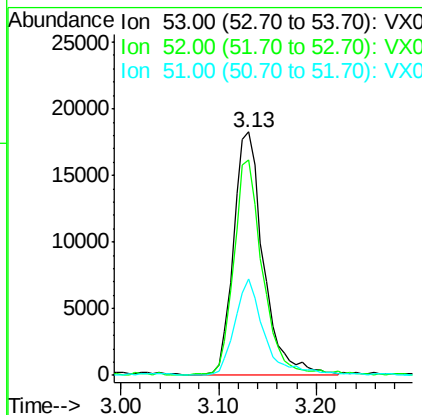
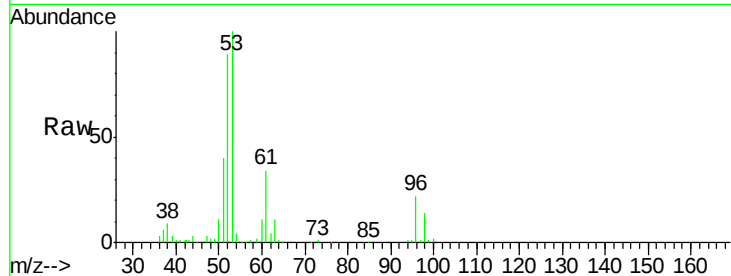
ClientSampleId :

VX0910SBS03

Tot Ion:	53	Resp:	38836
Ion	Ratio	Lower	Upper
53	100		
52	85.4	66.8	100.2
51	39.5	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 88.488 ug/l

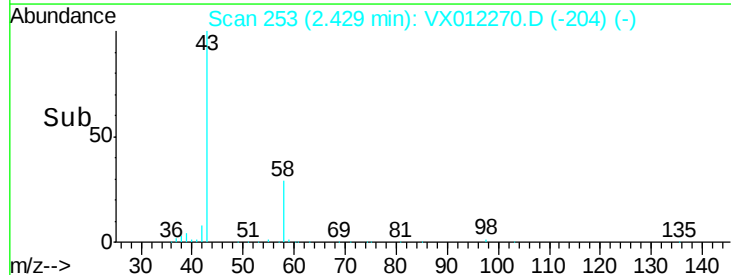
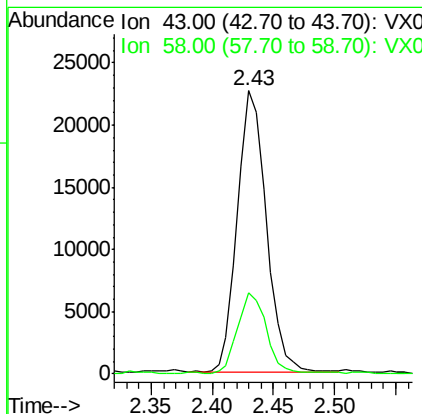
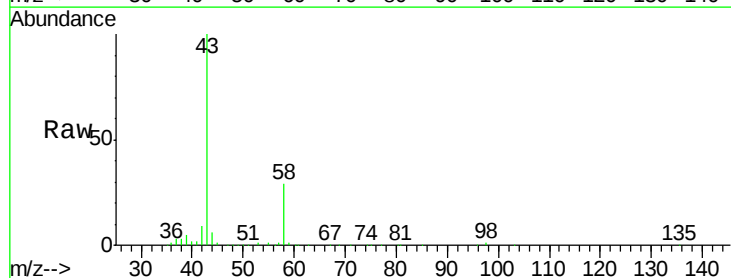
RT: 2.43 min Scan# 253

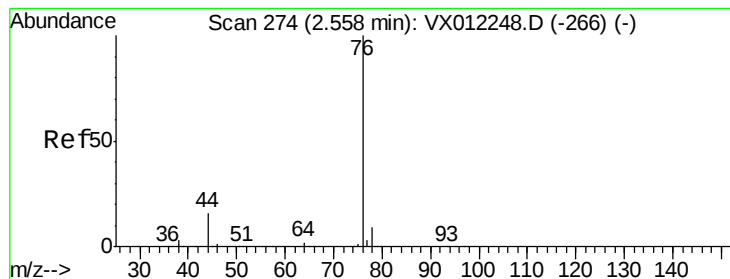
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	43	Resp:	37348
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.6	35.4





#17

Carbon Disulfide

Concen: 19.278 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 76 Resp: 38630

Ion Ratio Lower Upper

76 100

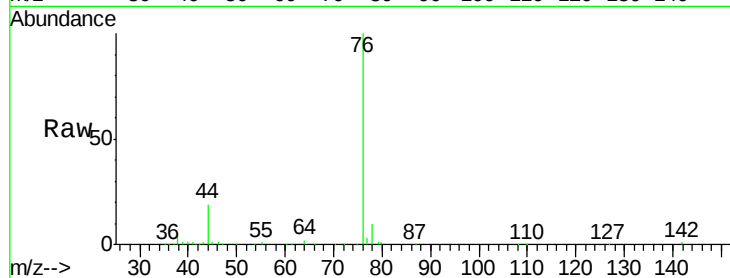
78 9.7 7.4 11.2

Manual Integrations

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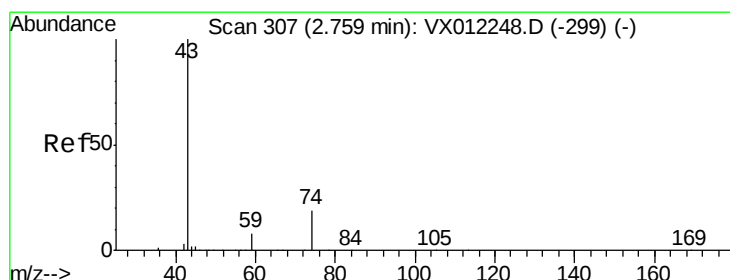
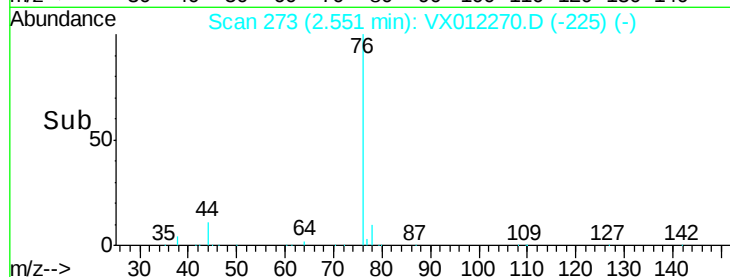
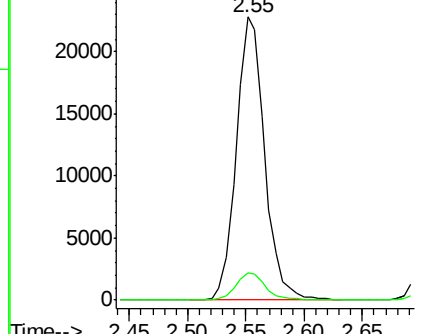
MMDadoda

9/12/2019 8:59:32 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.550 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012270.D

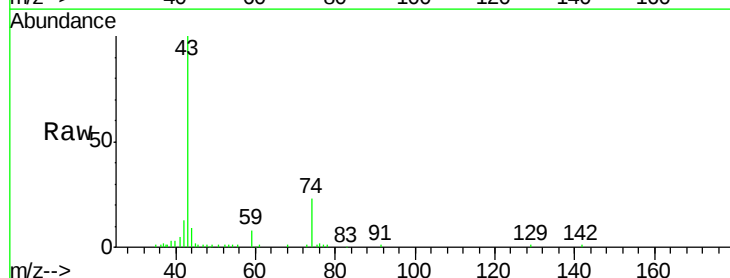
Acq: 10 Sep 2019 22:55

Tgt Ion: 43 Resp: 20005

Ion Ratio Lower Upper

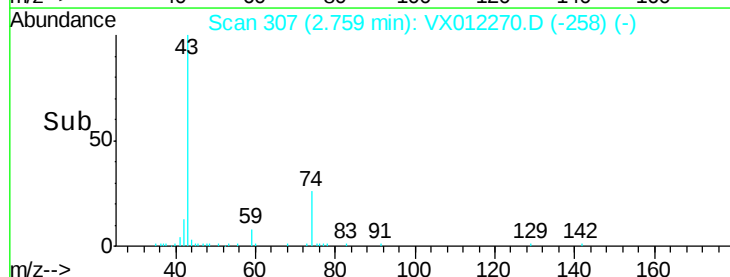
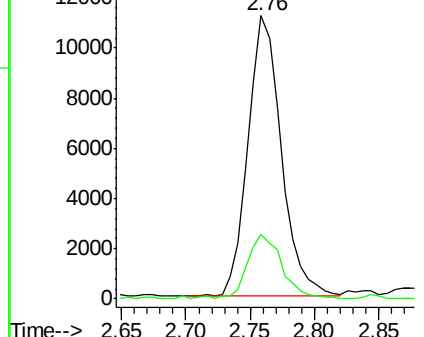
43 100

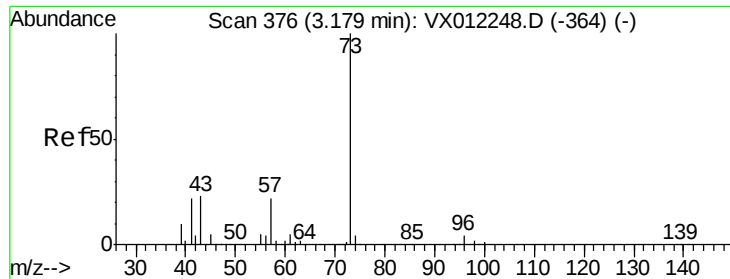
74 23.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





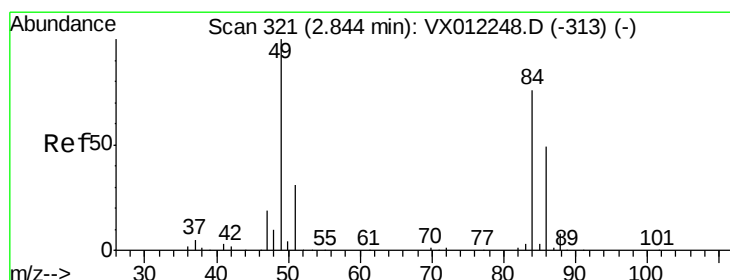
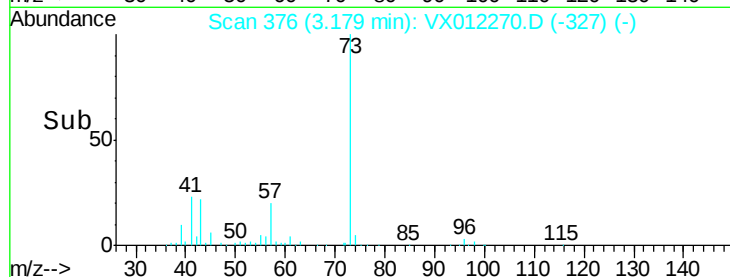
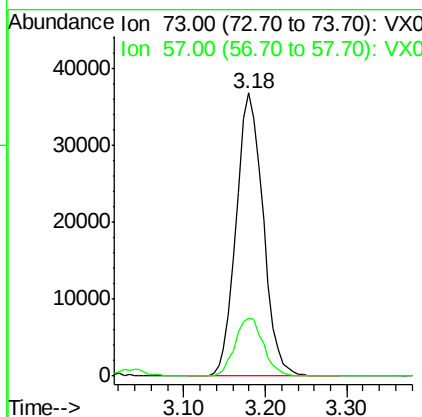
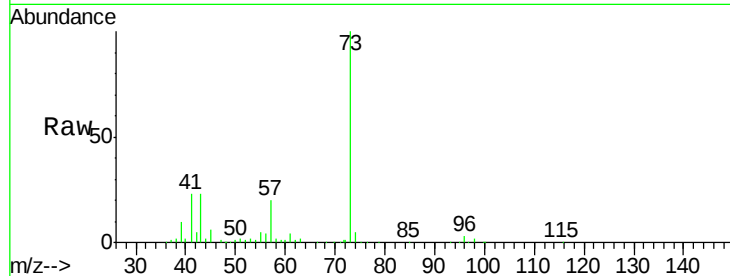
#19
Methvl tert-butvl Ether
Concen: 22.315 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 73 Resp: 84093
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5

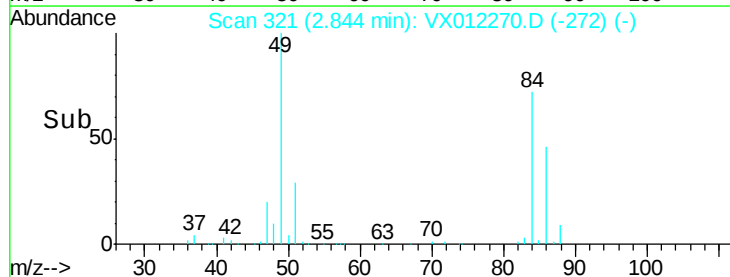
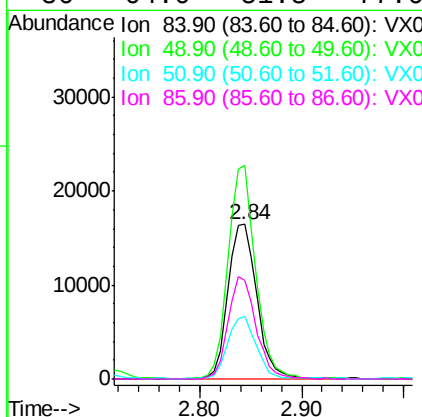
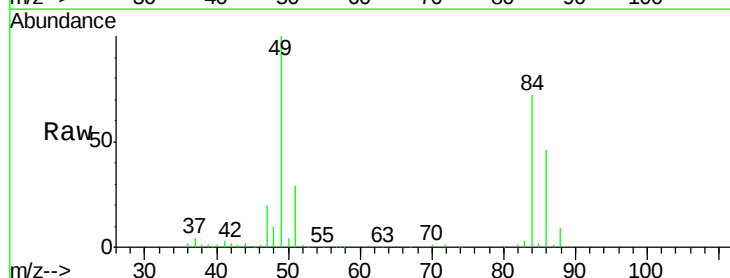
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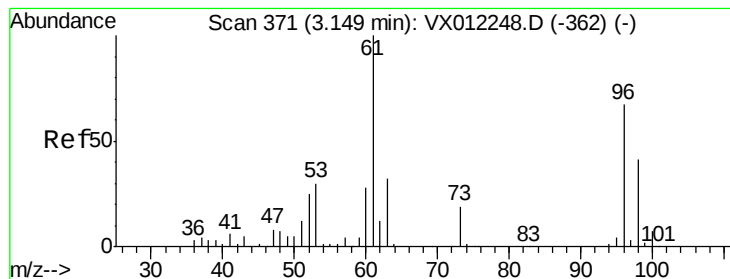
MMDadoda
9/12/2019 8:59:32 AM



#20
Methylene Chloride
Concen: 23.062 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion: 84 Resp: 32238
Ion Ratio Lower Upper
84 100
49 138.2 105.0 157.6
51 39.9 32.6 48.8
86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.745 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 96 Resp: 23618

Ion Ratio Lower Upper

96 100

61 149.4 119.4 179.2

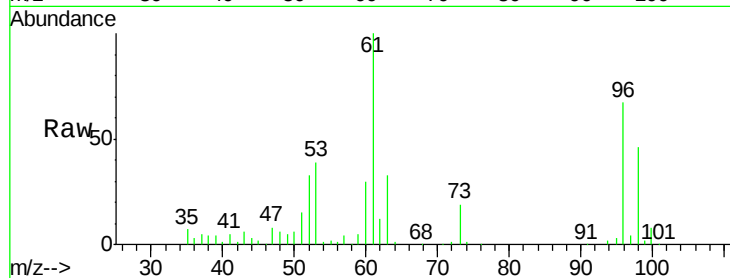
98 69.1 48.4 72.6

Manual Integrations

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MMDadoda

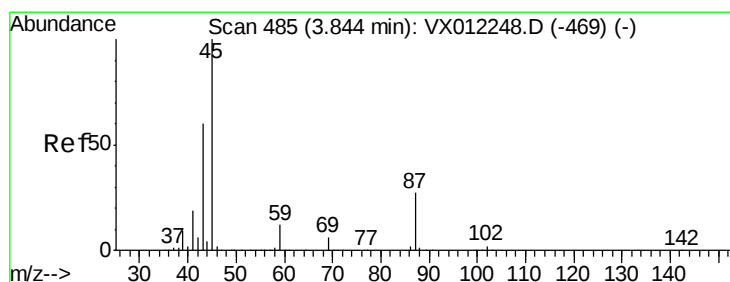
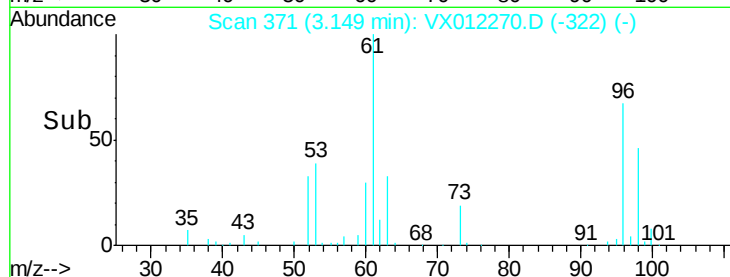
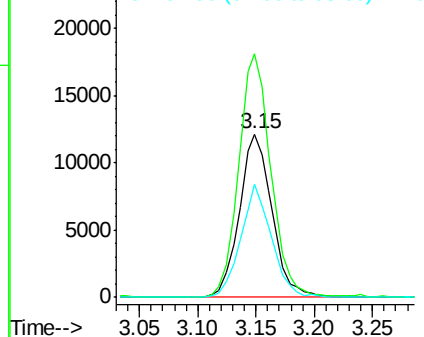
9/12/2019 8:59:32 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.474 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion: 45 Resp: 95546

Ion Ratio Lower Upper

45 100

43 64.4 48.3 72.5

87 27.3 21.8 32.8

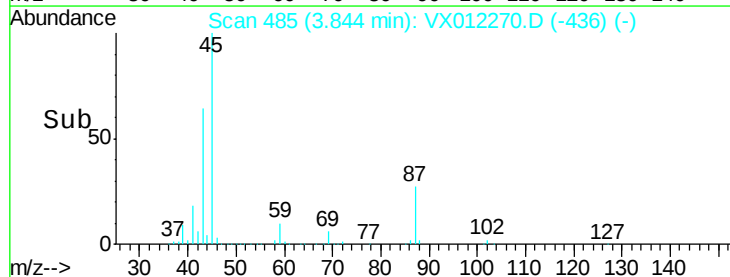
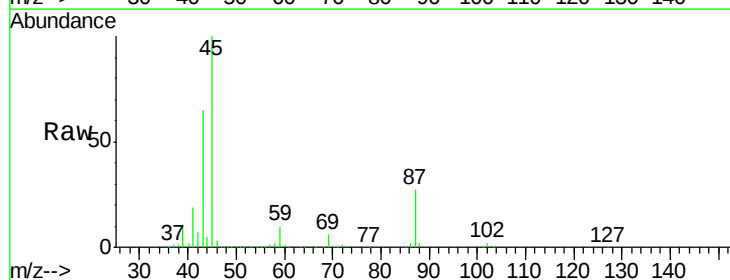
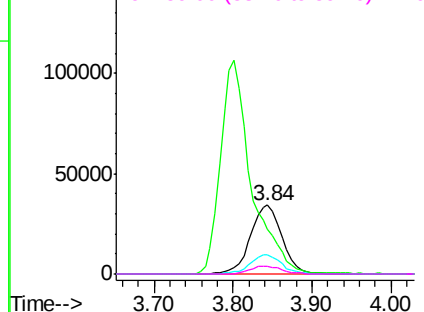
59 10.4 9.1 13.7

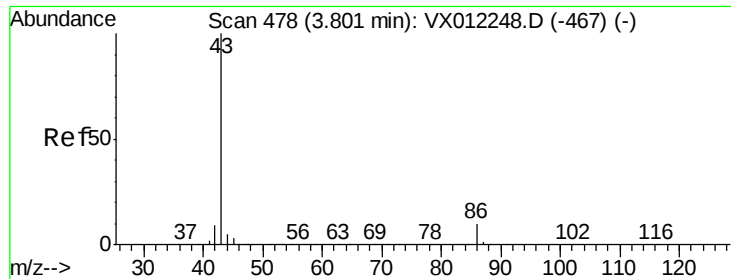
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





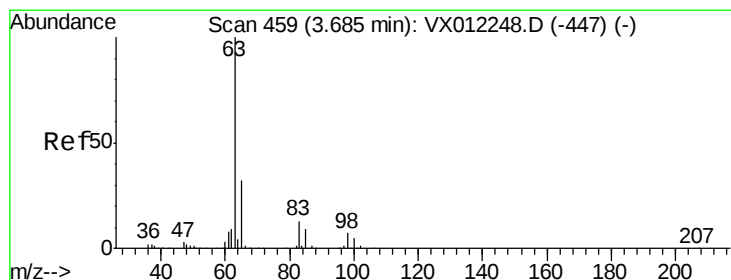
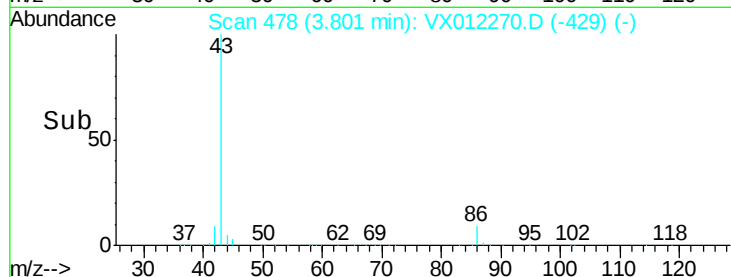
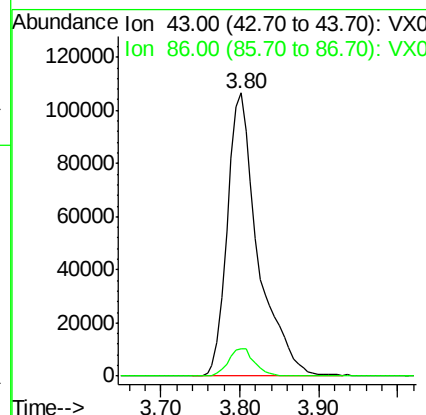
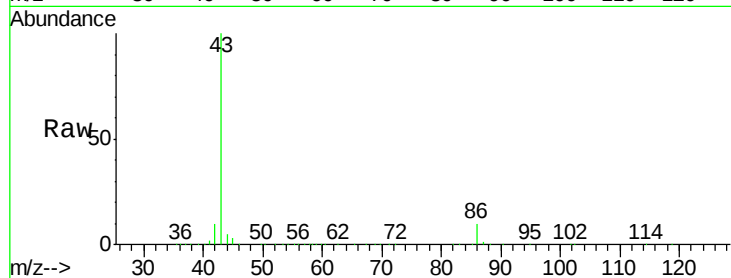
#23
 Vinyl Acetate
 Concen: 105.613 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	43	86	Resp	Lower	Upper
288307	100	9.7		8.3	12.5

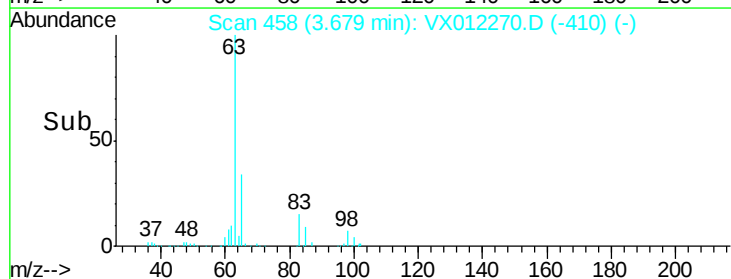
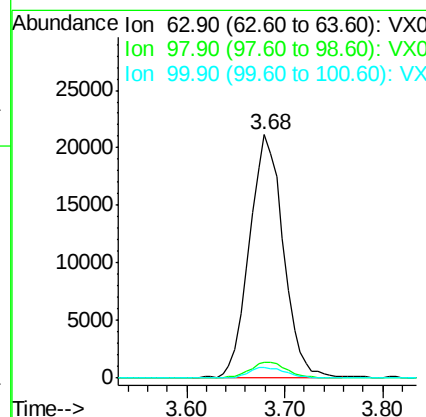
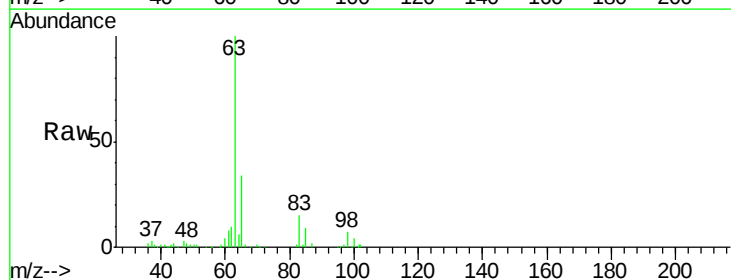
Manual Integrations
 APPROVED

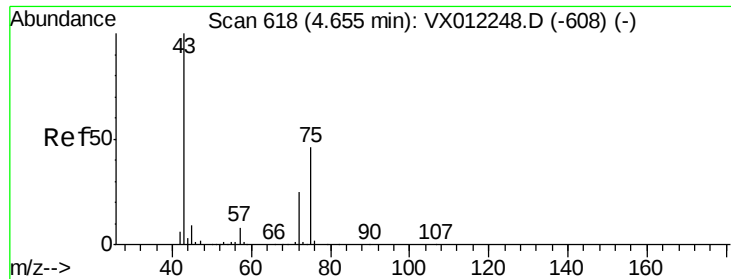
MMDadoda
 9/12/2019 8:59:32 AM



#24
 1,1-Dichloroethane
 Concen: 21.420 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion	63	98	100	Resp	Lower	Upper
51049	100	6.7	4.2		3.4	10.1
					2.4	7.2





#25

2-Butanone

Concen: 104.746 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 43 Resp: 56516

Ion Ratio Lower Upper

43 100

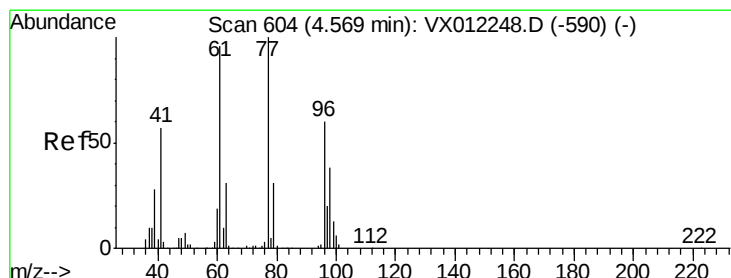
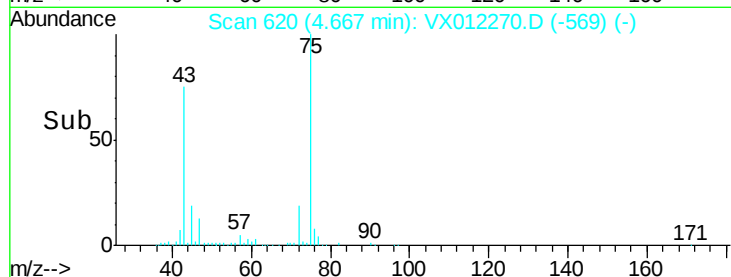
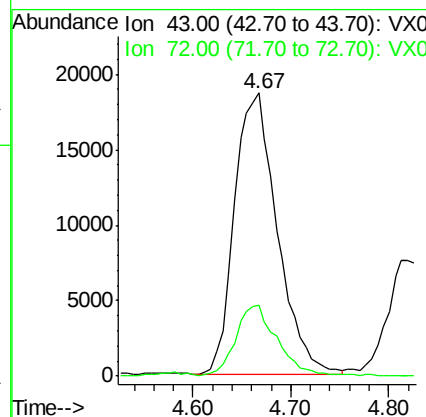
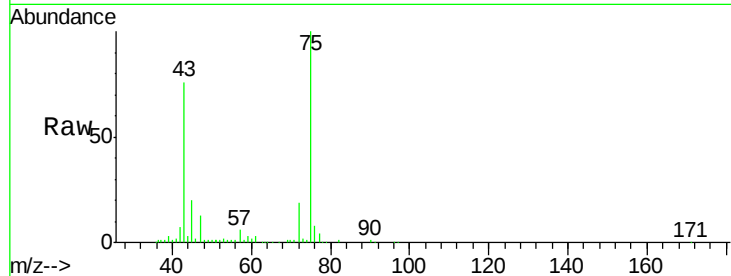
72 24.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.506 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012270.D

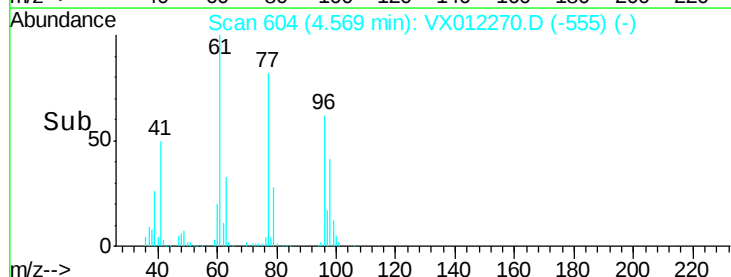
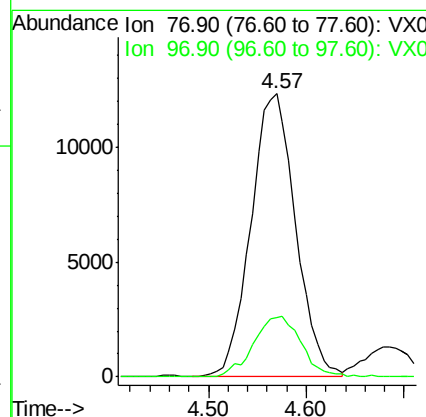
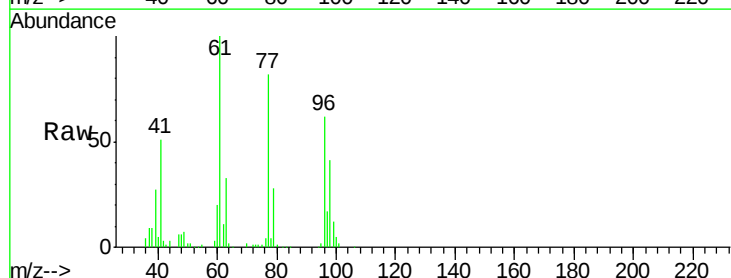
Acq: 10 Sep 2019 22:55

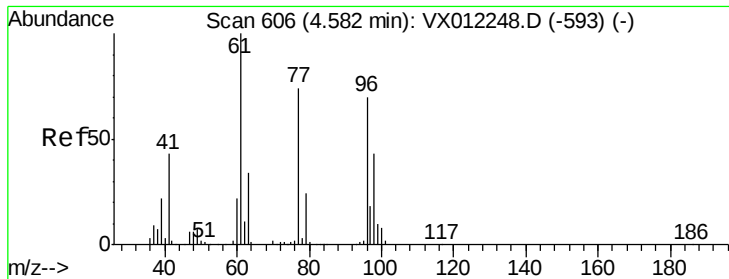
Tgt Ion: 77 Resp: 39171

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1





#27

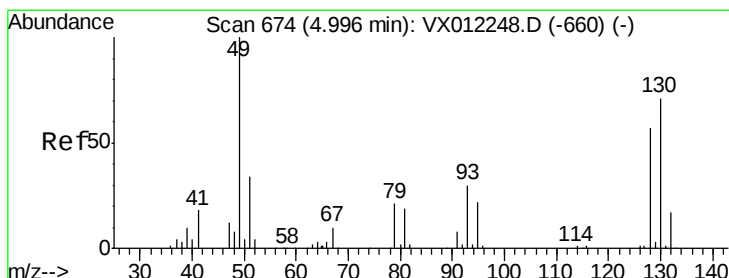
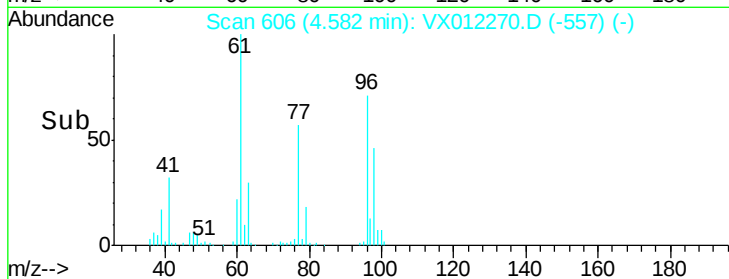
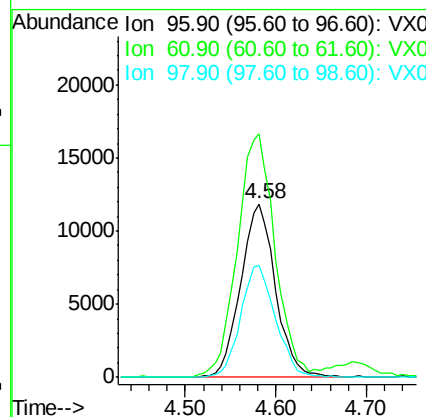
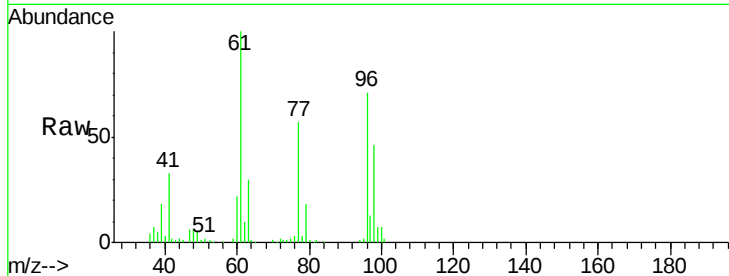
cis-1,2-Dichloroethene
Concen: 21.481 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	310.4
98	64.9	0.0	128.8

Manual Integrations
APPROVED

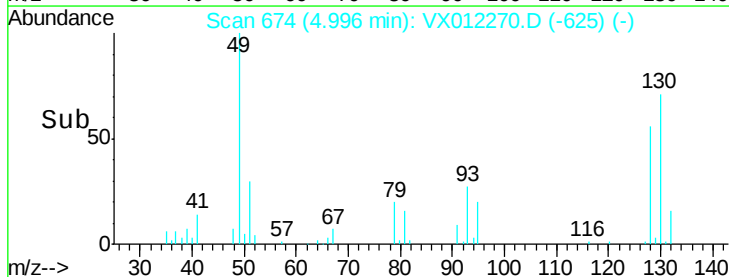
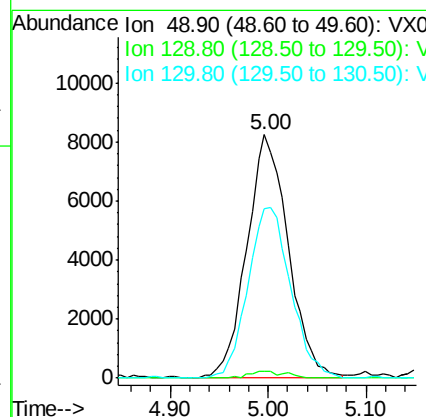
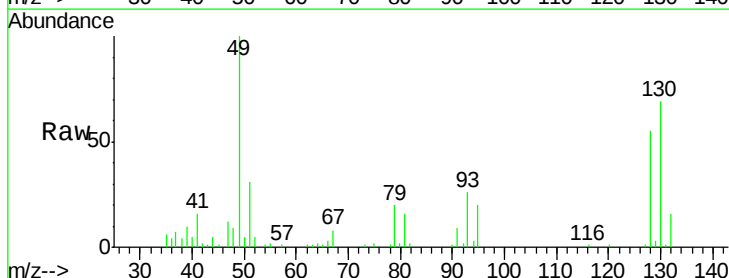
MMDadoda
9/12/2019 8:59:32 AM

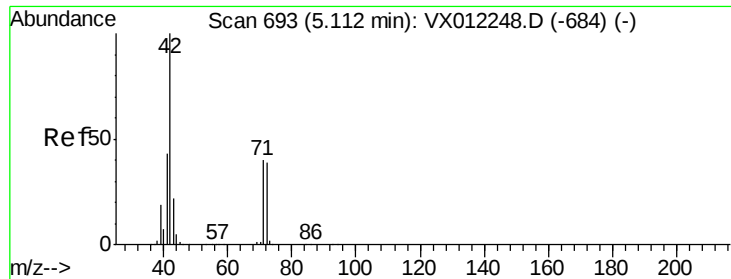


#28

Bromochloromethane
Concen: 21.788 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	71.9	60.1	90.1





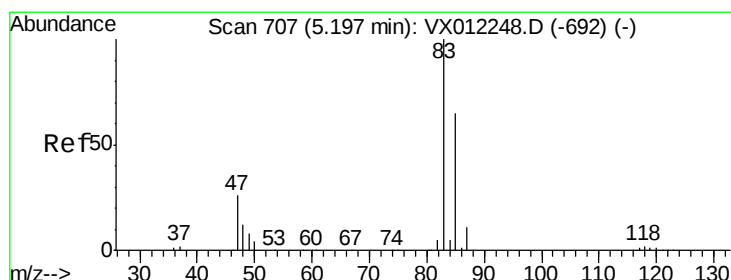
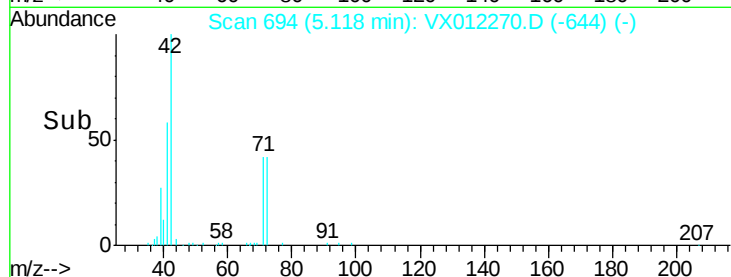
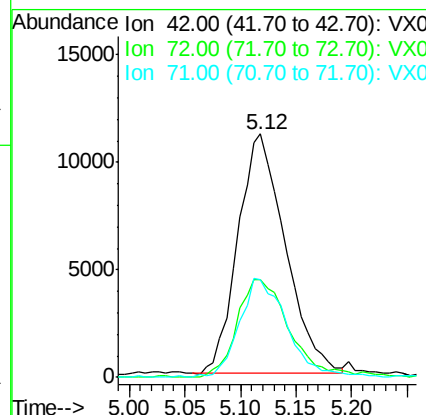
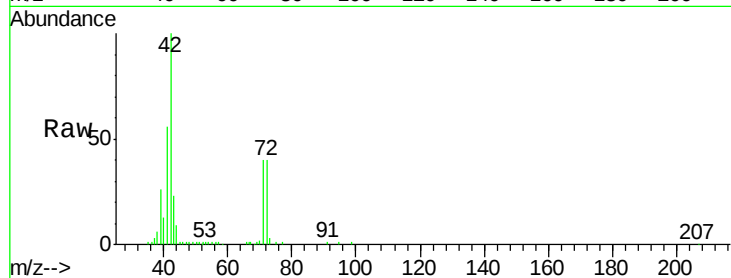
#29
Tetrahydrofuran
Concen: 113.633 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	35.2	52.8
71	41.7	32.5	48.7

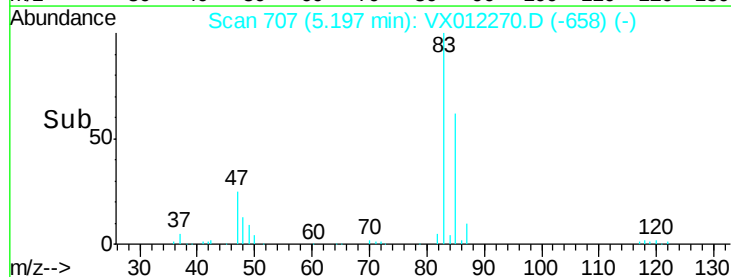
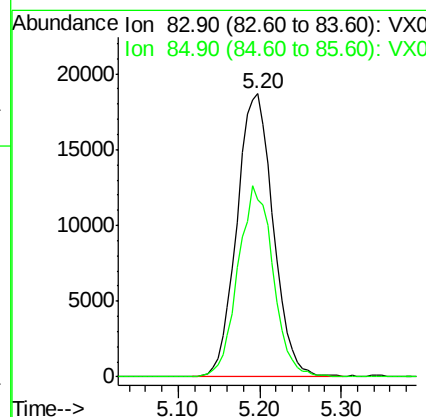
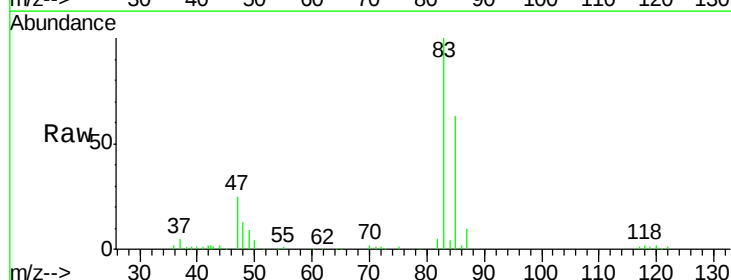
Manual Integrations
APPROVED

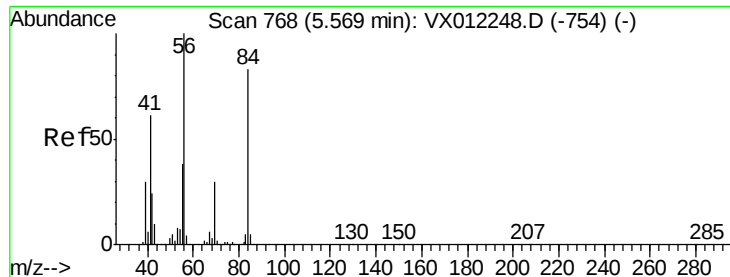
MMDadoda
9/12/2019 8:59:32 AM



#30
Chloroform
Concen: 21.449 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.3	78.5





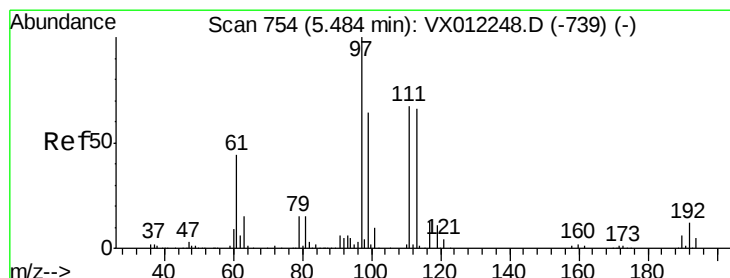
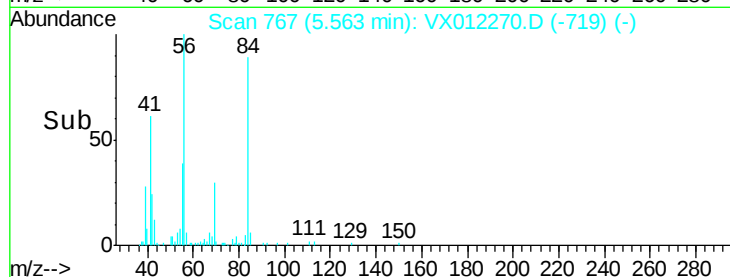
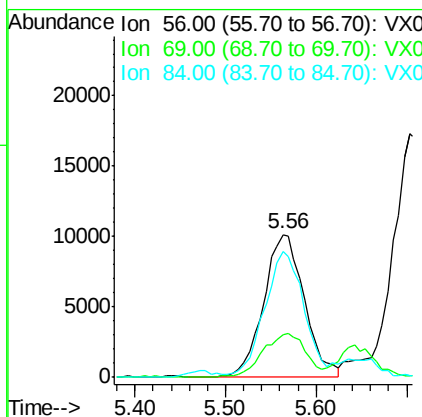
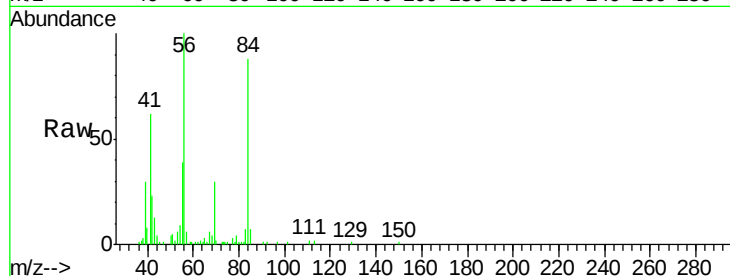
#31
Cyclohexane
Concen: 19.060 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.8	35.6
84	85.0	66.6	100.0

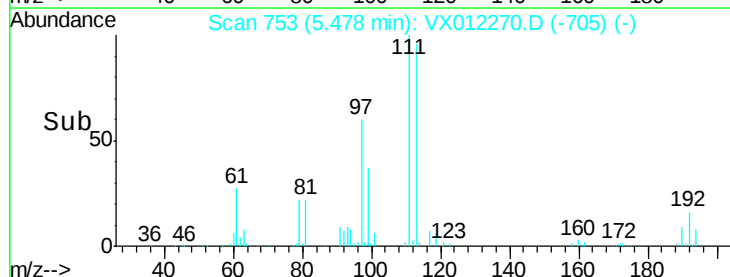
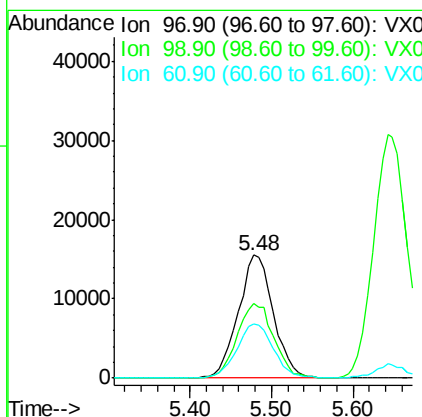
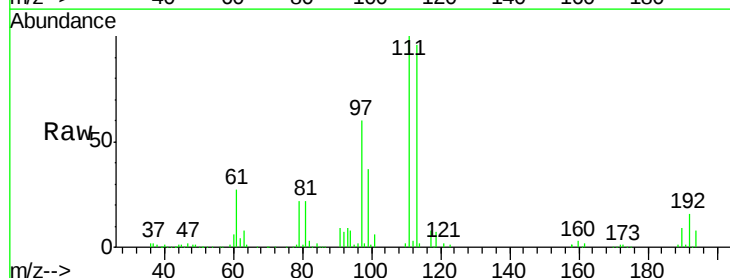
Manual Integrations
APPROVED

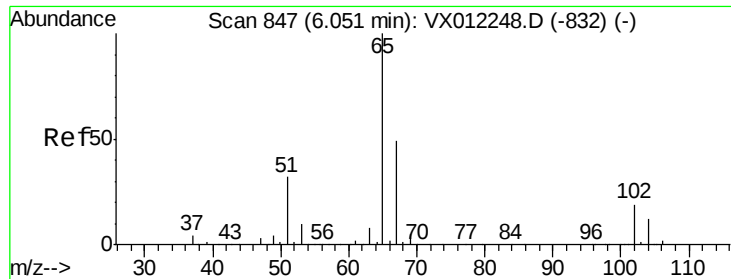
MMDadoda
9/12/2019 8:59:32 AM



#32
1,1,1-Trichloroethane
Concen: 20.096 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	46.1	35.4	53.0





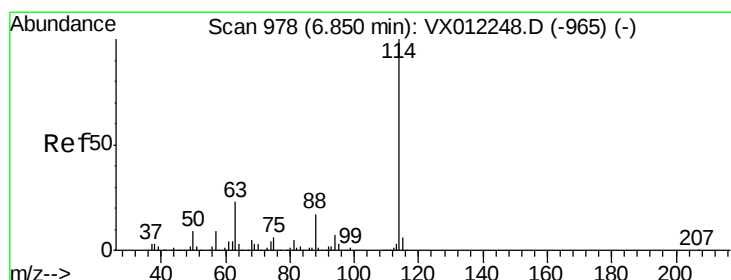
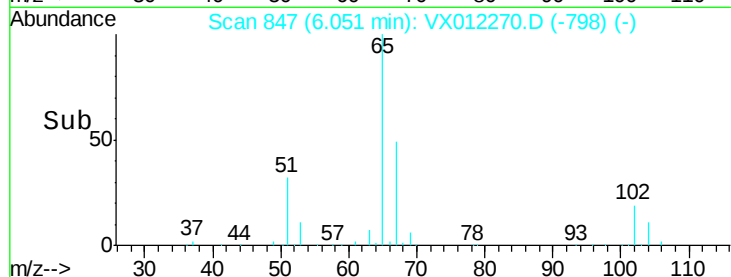
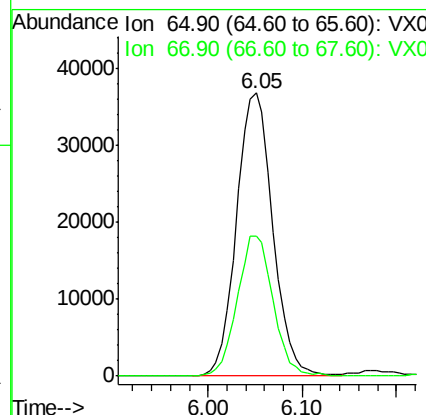
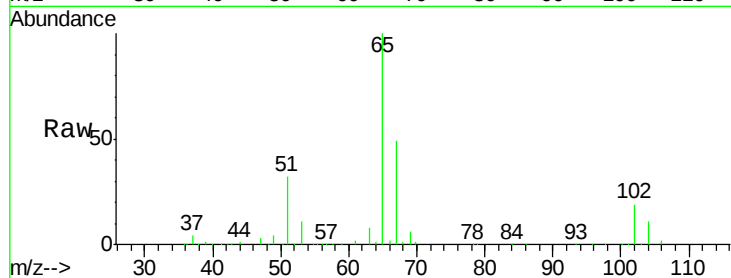
#33
 1,2-Dichloroethane-d4
 Concen: 55.443 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.1	0.0	99.8	

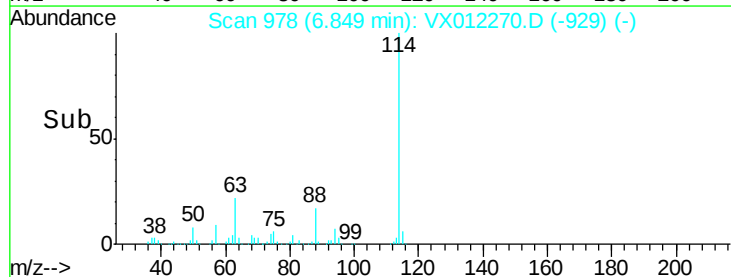
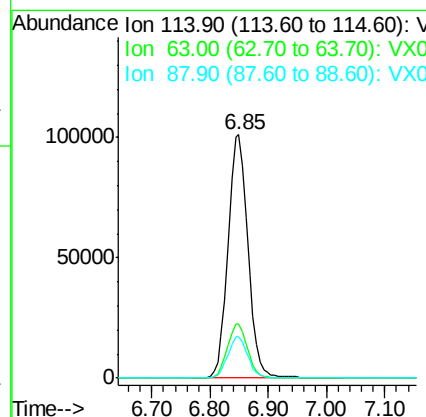
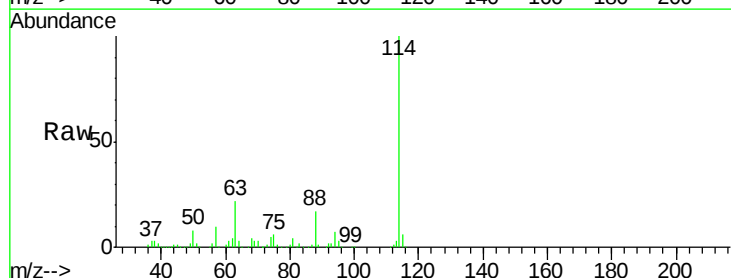
Manual Integrations
 APPROVED

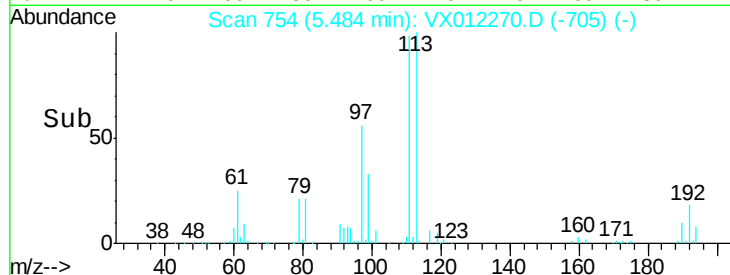
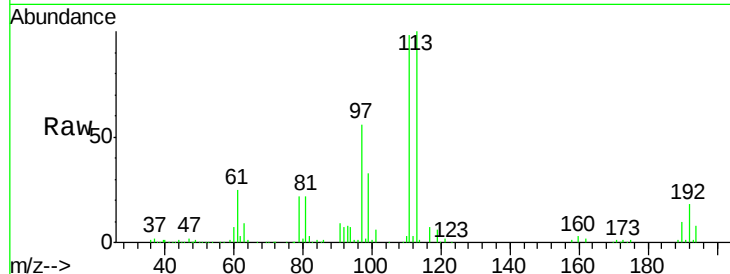
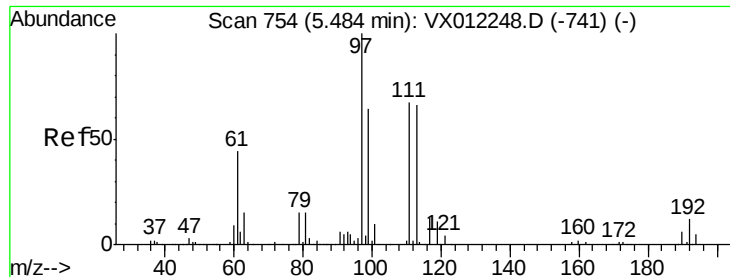
MMDadoda
 9/12/2019 8:59:32 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	45.2	
88	17.1	0.0	34.8	





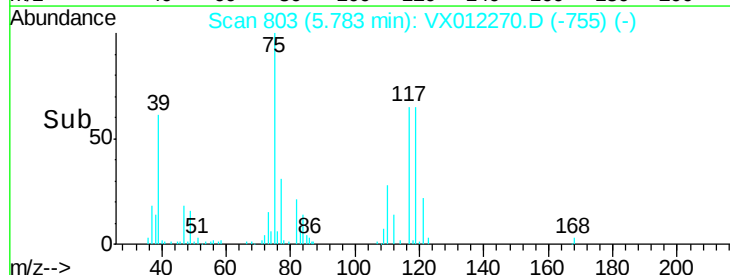
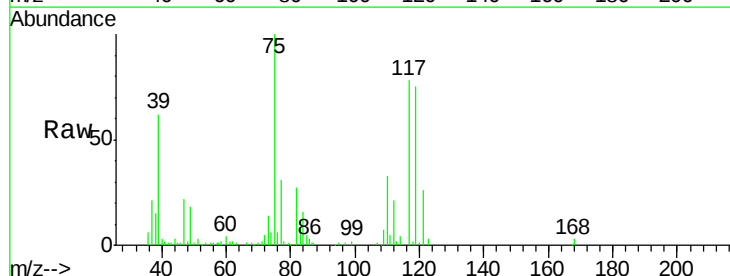
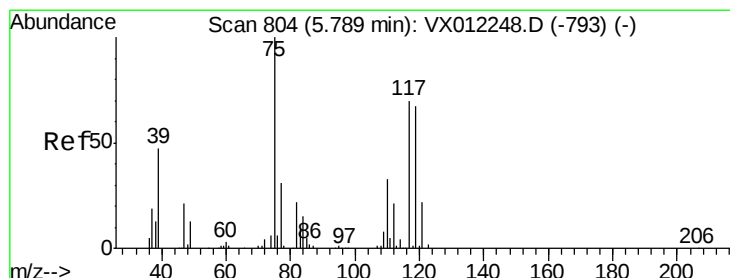
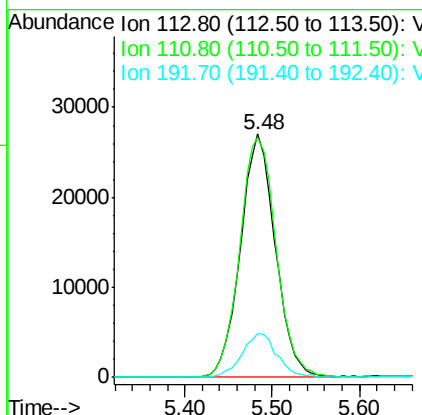
#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tot Ion	Ratio	Resp	Lower	Upper
113	100	74986		
111	103.3		83.0	124.6
192	18.1		14.3	21.5

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

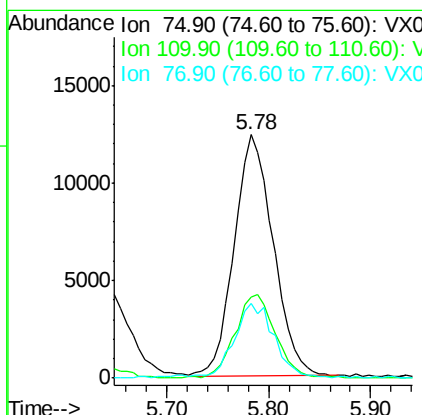
Manual Integrations
APPROVED

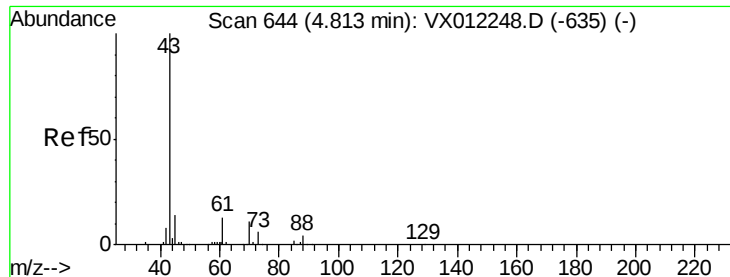
MMDadoda
9/12/2019 8:59:32 AM



#36
1,1-Dichloropropene
Concen: 18.604 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32794		
110	35.9		16.8	50.4
77	31.7		24.5	36.7





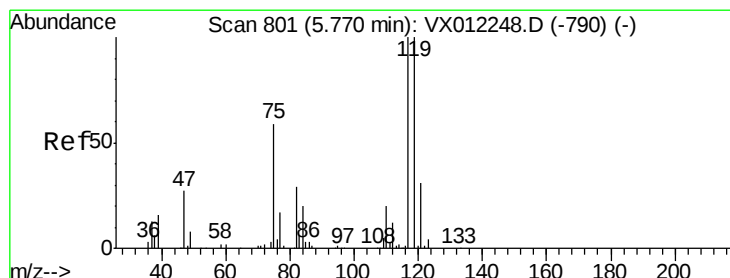
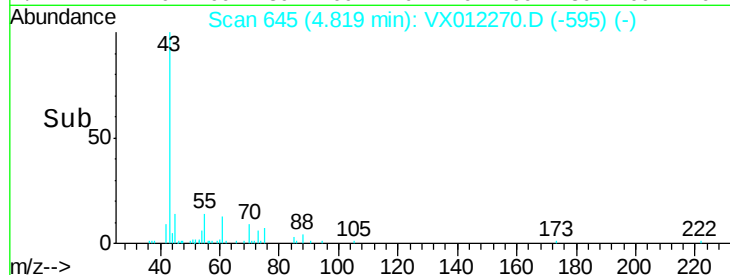
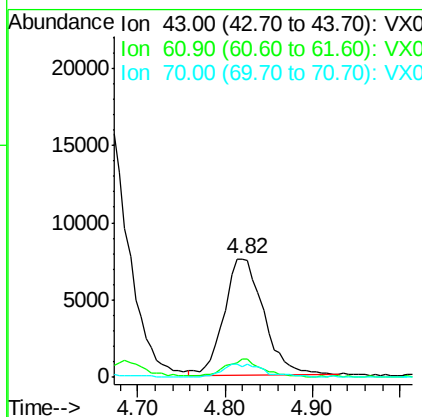
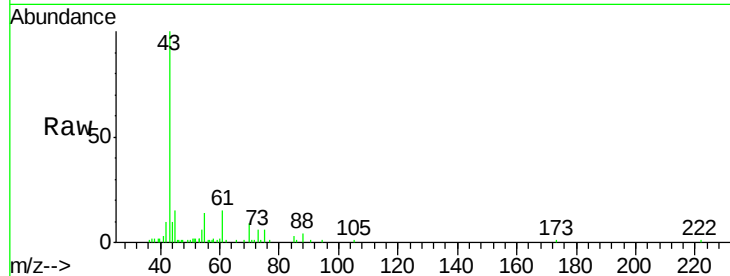
#37
Ethyl Acetate
Concen: 21.666 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.3	15.5
70	11.7	9.1	13.7

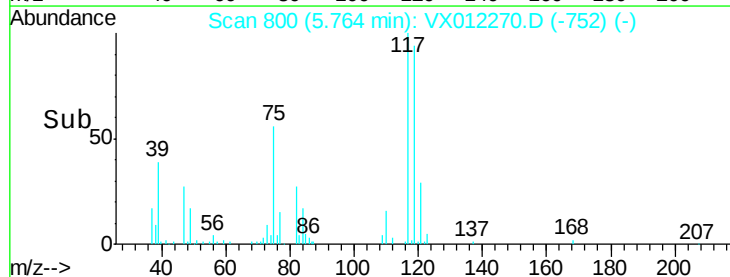
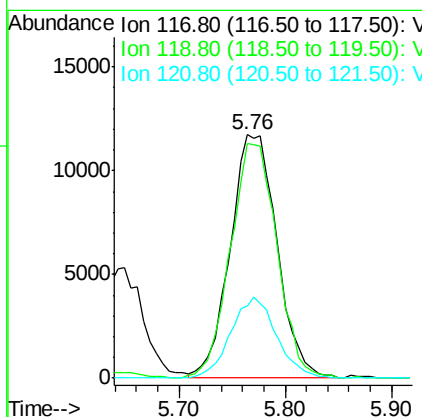
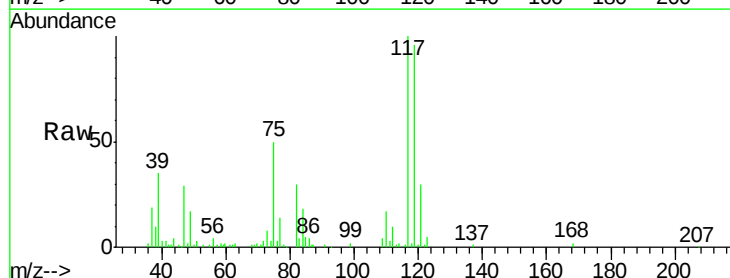
Manual Integrations
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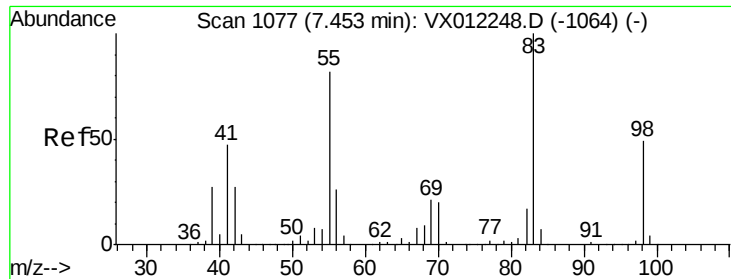
MMDadoda
9/12/2019 8:59:32 AM



#38
Carbon Tetrachloride
Concen: 17.501 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.6	119.4
121	29.5	24.7	37.1





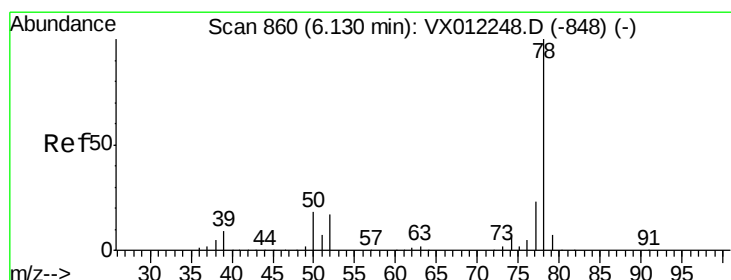
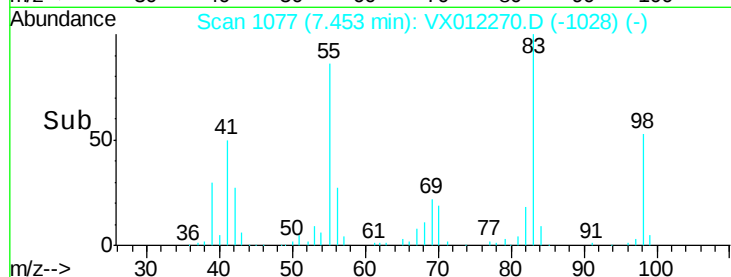
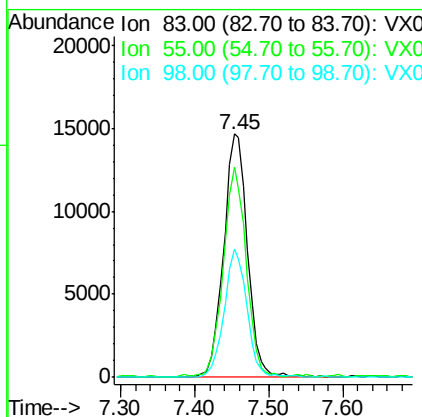
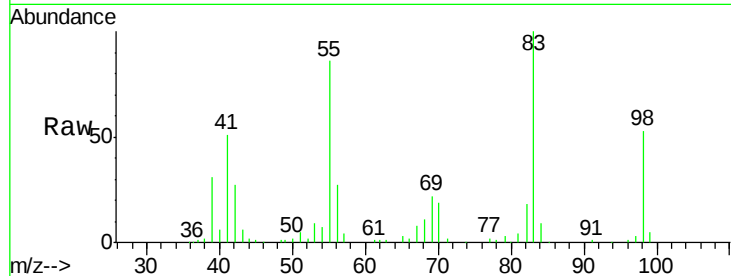
#39
Methvlcvclohexane
Concen: 16.961 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.0	65.4	98.2	
98	52.7	39.6	59.4	

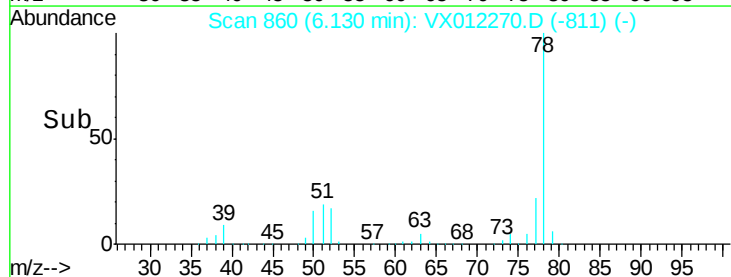
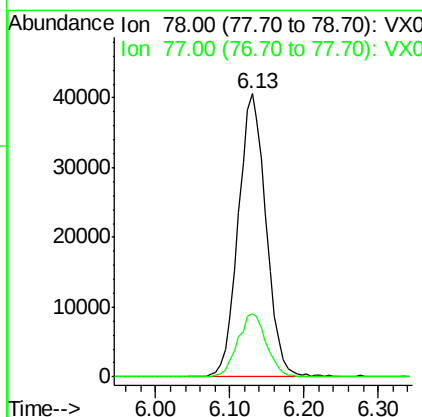
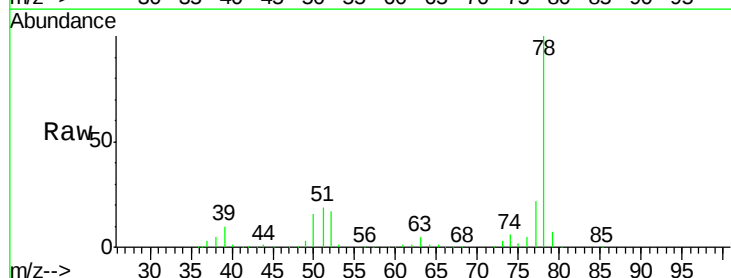
Manual Integrations
APPROVED

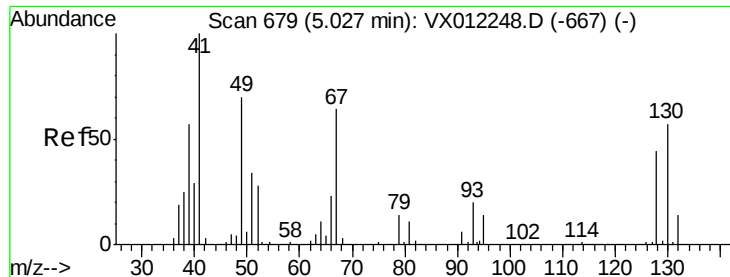
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9/12/2019 8:59:32 AM



#40
Benzene
Concen: 19.940 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.3	18.0	27.0	





#41

Methacrylonitrile

Concen: 21.990 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012270.D

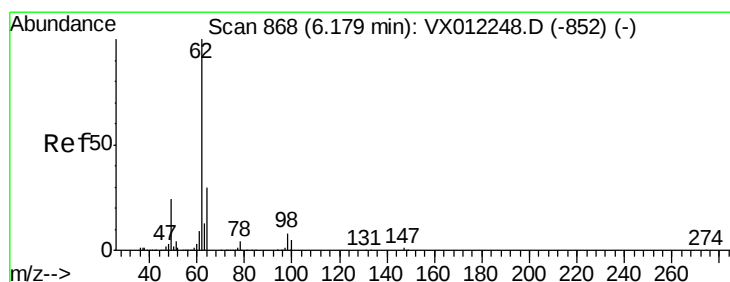
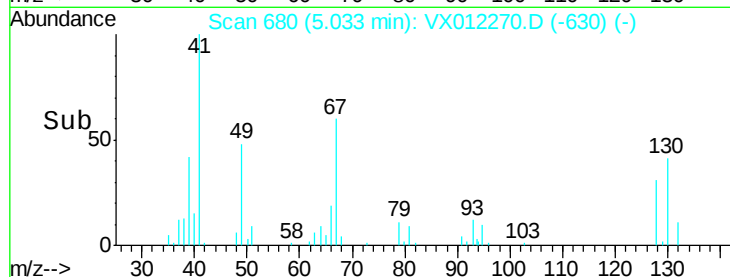
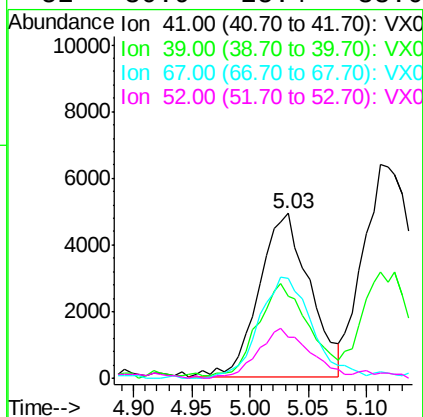
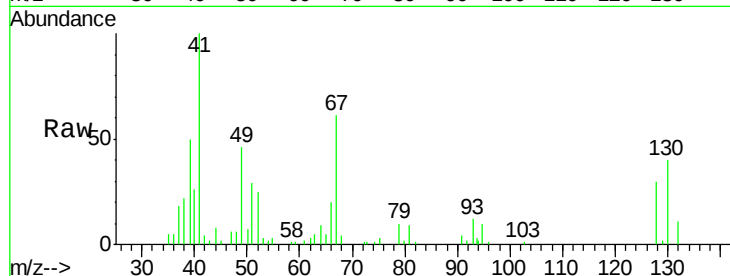
Acq: 10 Sep 2019 22:55

Tot Ion:	41	Resp:	14772
Ion	Ratio	Lower	Upper
41	100		
39	56.1	49.0	73.4
67	65.1	55.0	82.4
52	30.9	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

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#42

1,2-Dichloroethane

Concen: 20.497 ug/l

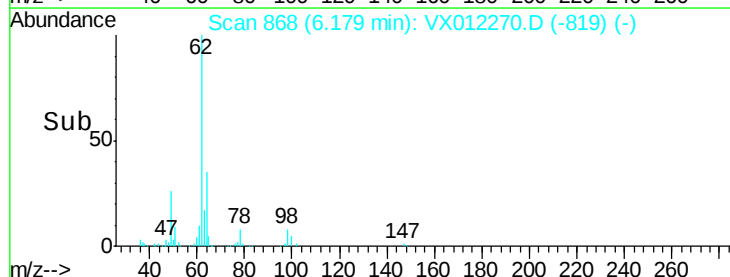
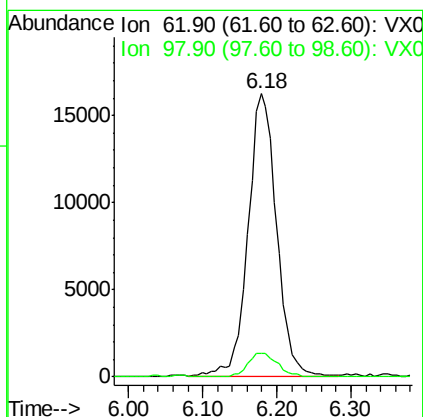
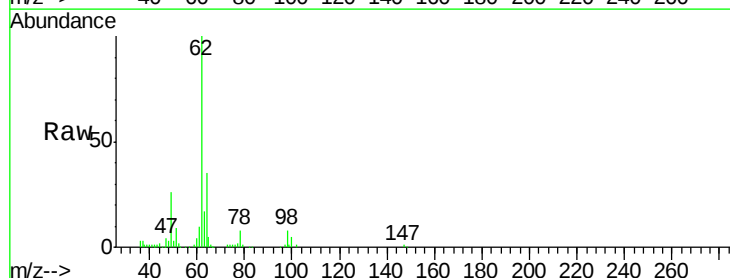
RT: 6.18 min Scan# 868

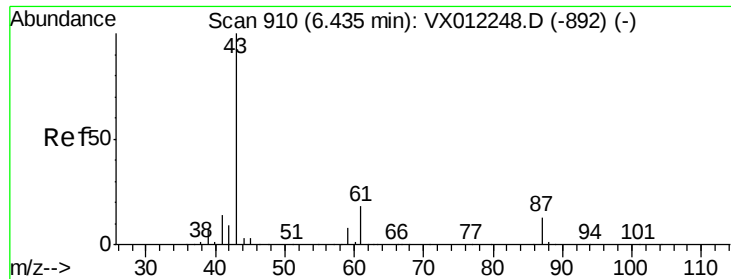
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	62	Resp:	43220
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.494 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

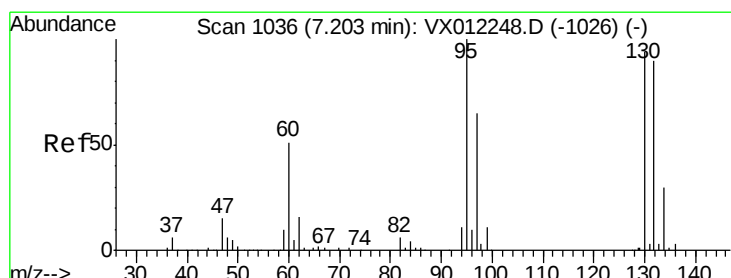
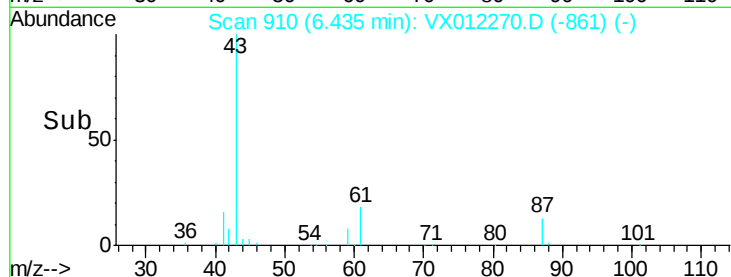
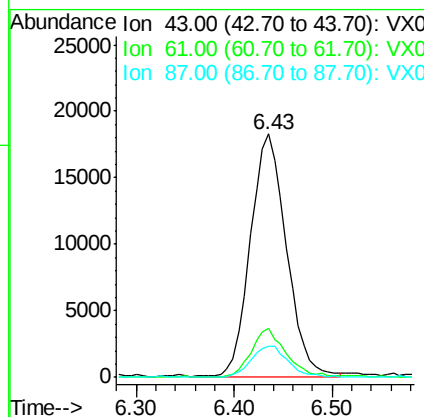
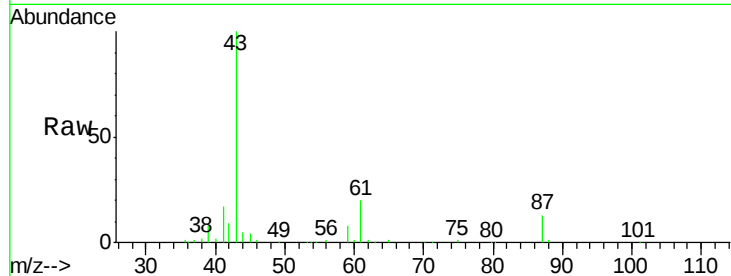
ClientSampleId :

VX0910SBS03

Tot Ion:	43	Resp:	47082
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.2
87	13.4	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.560 ug/l

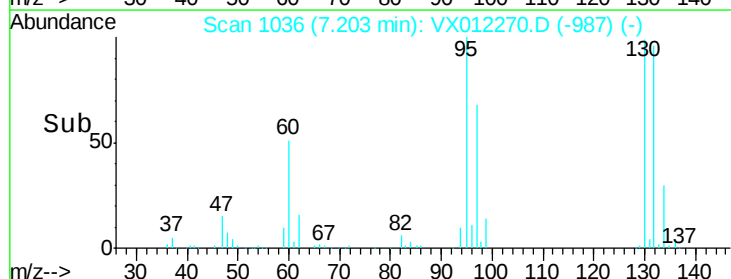
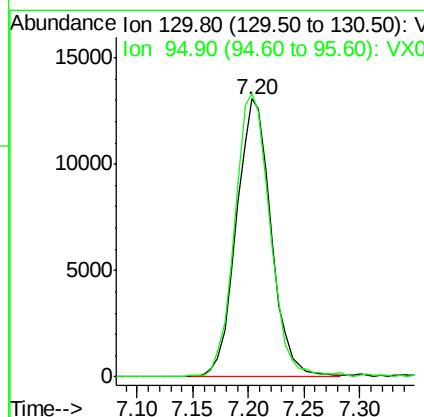
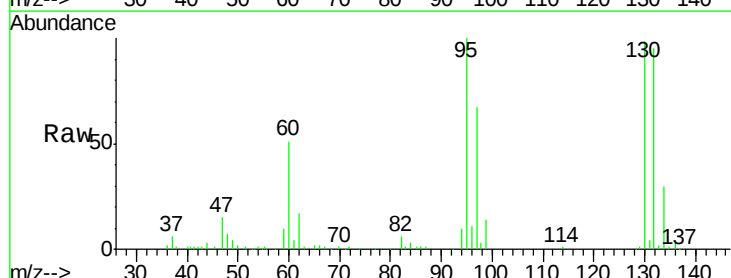
RT: 7.20 min Scan# 1036

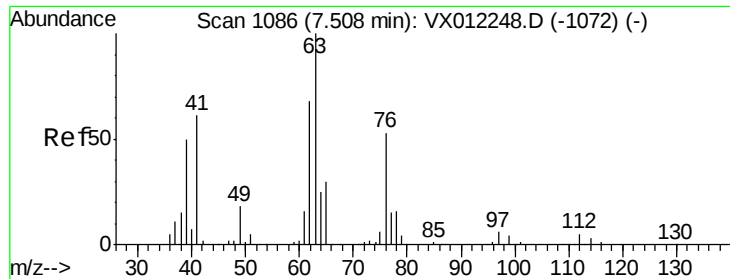
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	130	Resp:	28242
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	212.0





#45

1,2-Dichloropropane

Concen: 19.906 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 63 Resp: 29397

Ion Ratio Lower Upper

63 100

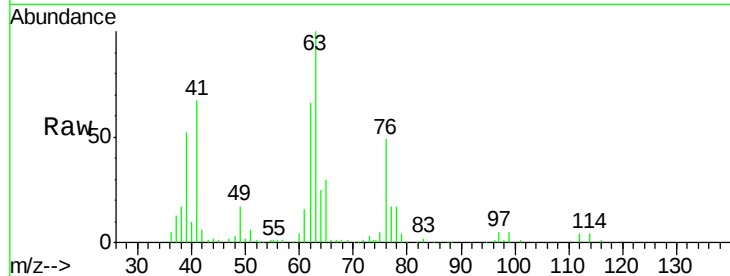
65 29.3 24.3 36.5

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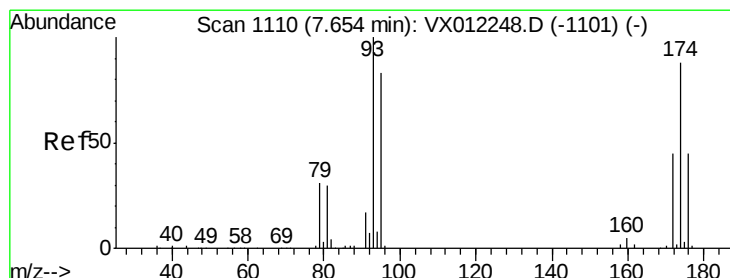
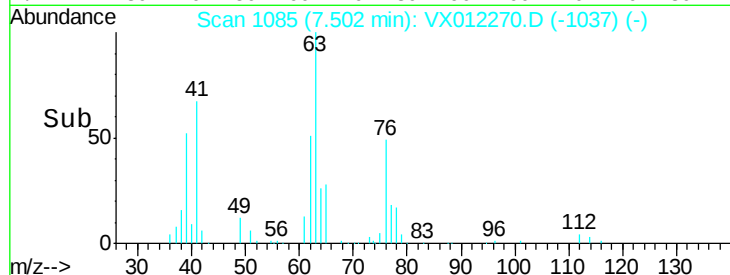
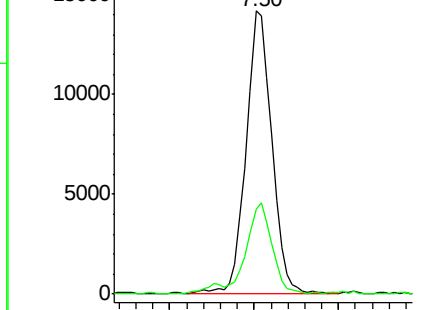
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.573 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

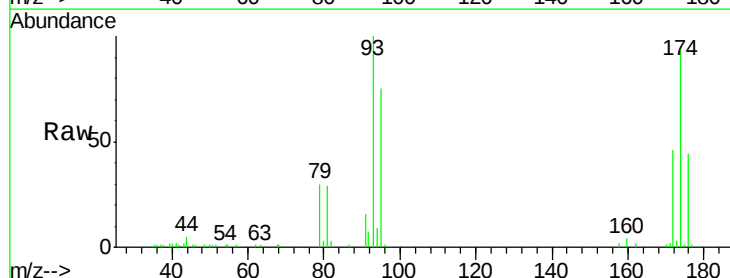
Tgt Ion: 93 Resp: 17412

Ion Ratio Lower Upper

93 100

95 79.3 65.7 98.5

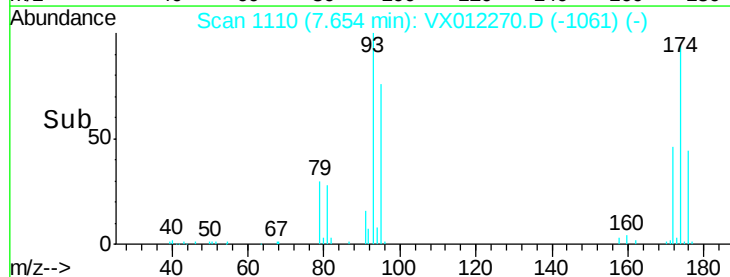
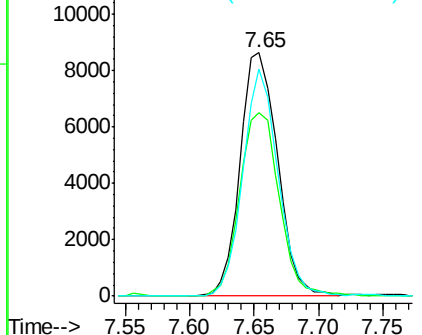
174 87.1 71.0 106.4

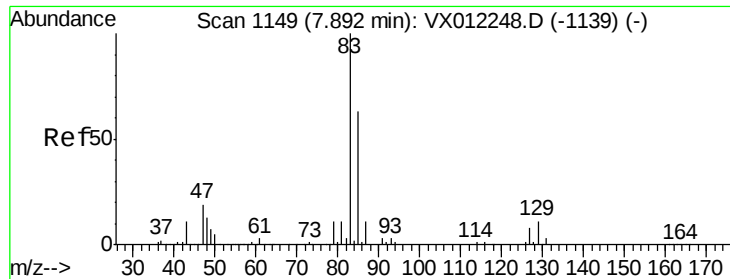


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





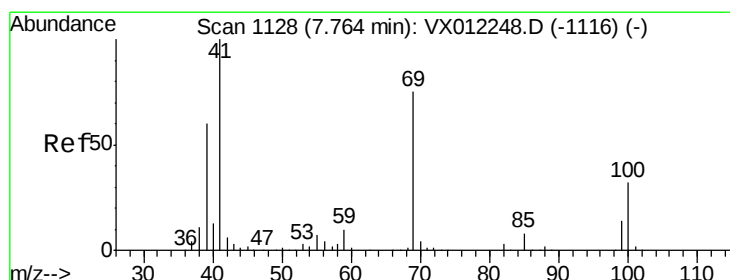
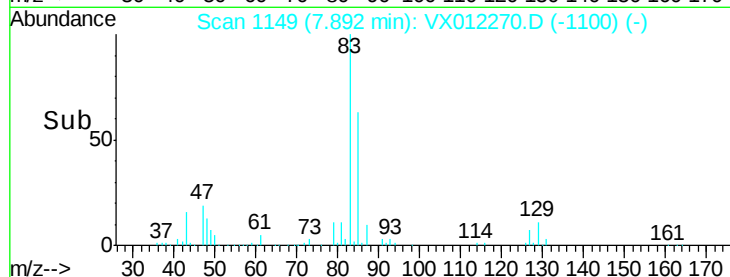
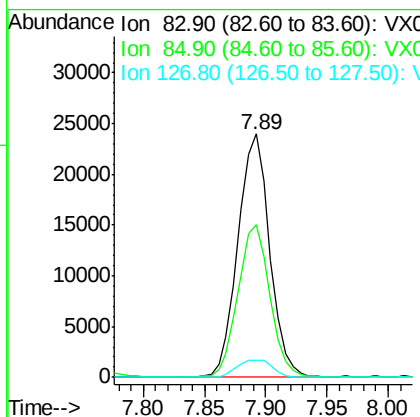
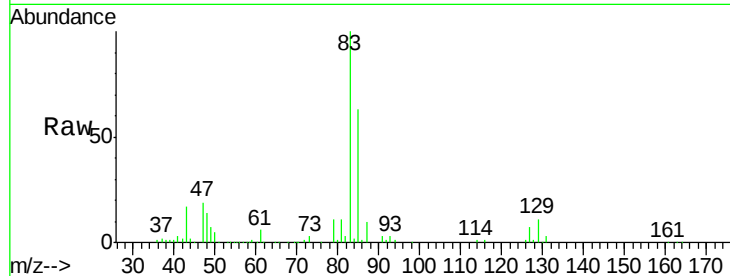
#47
Bromodichloromethane
Concen: 19.685 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	83	Resp	43358
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.2	75.4
127	6.9	6.3	9.5

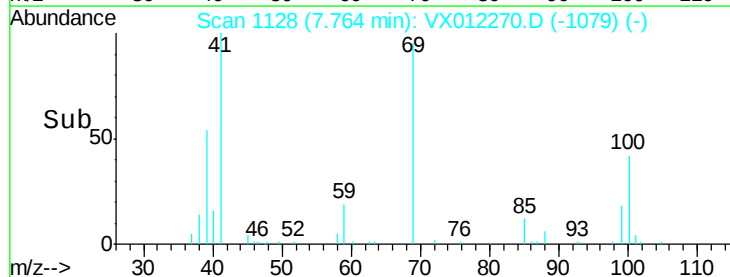
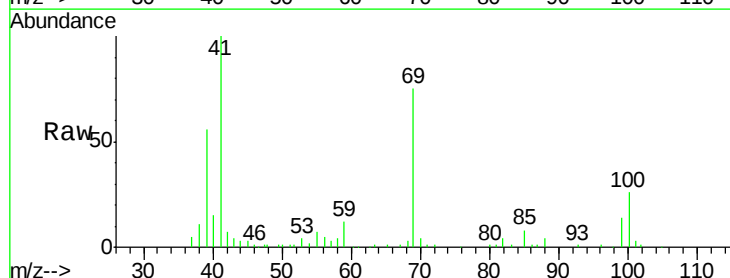
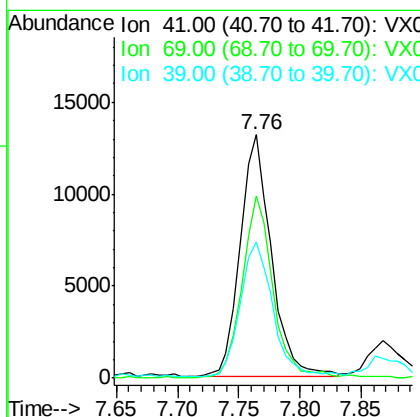
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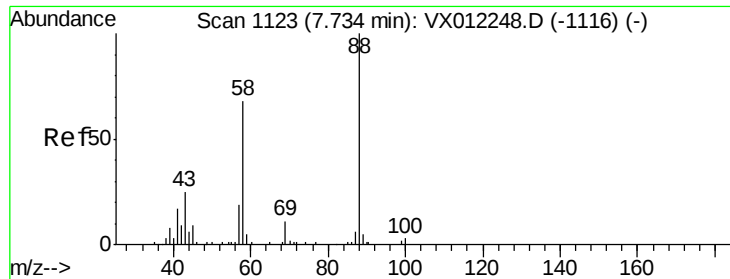
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#48
Methyl methacrylate
Concen: 20.964 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	41	Resp	23053
Ion Ratio	100	Lower	Upper
41	100		
69	75.0	61.8	92.6
39	58.6	48.6	73.0





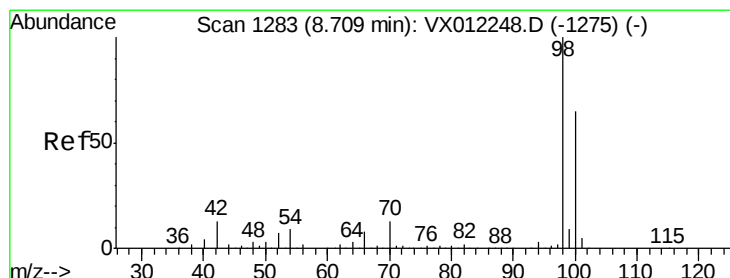
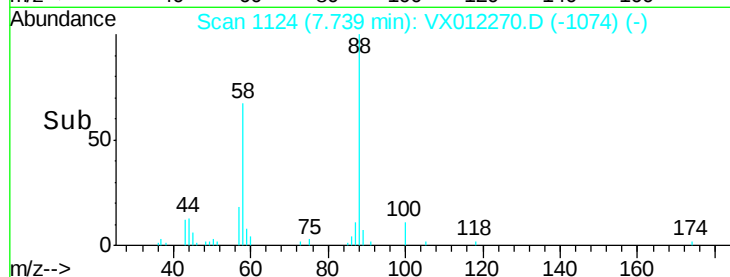
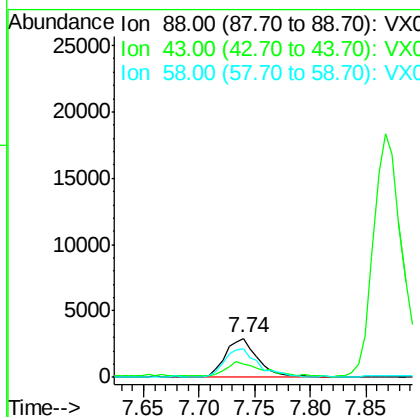
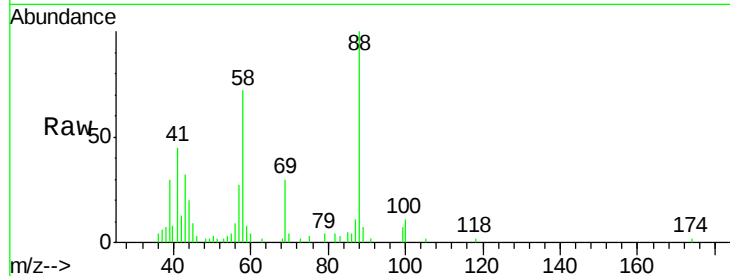
#49
1,4-Dioxane
Concen: 400.237 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.3	31.0	46.4
58	77.6	61.5	92.3

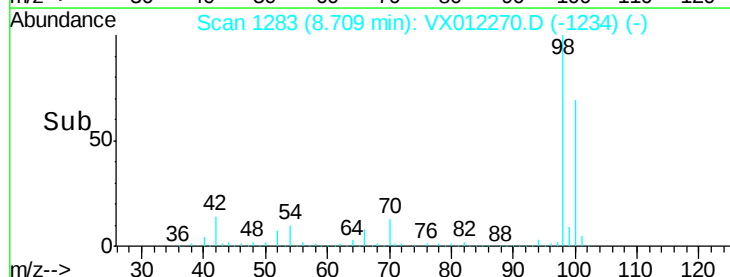
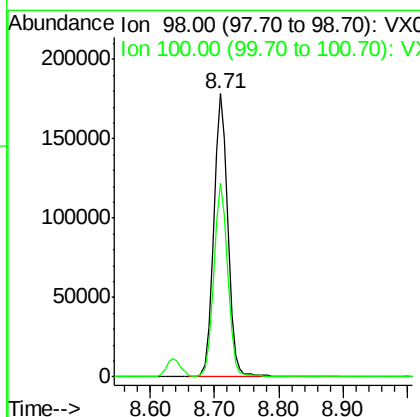
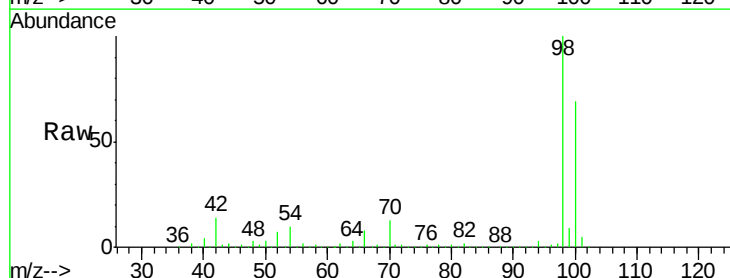
Manual Integrations
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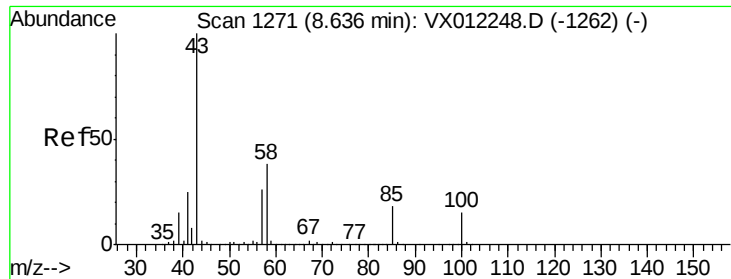
MMDadoda
9/12/2019 8:59:32 AM



#50
Toluene-d8
Concen: 50.923 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	54.1	81.1





#51

4-Methyl-2-Pentanone

Concen: 100.086 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 43 Resp: 121355

Ion Ratio Lower Upper

43 100

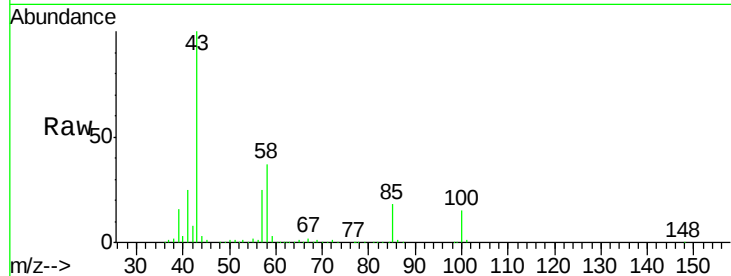
58 37.2 30.1 45.1

Manual Integrations

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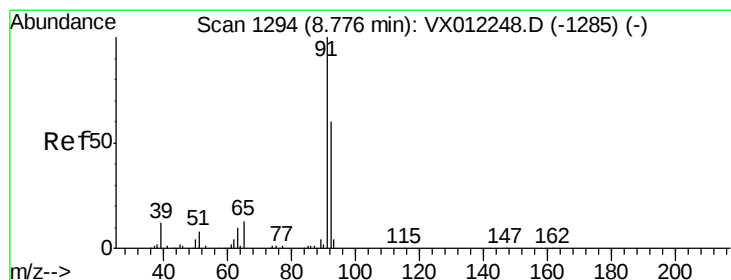
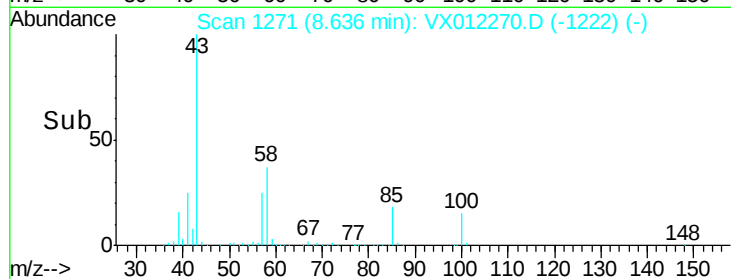
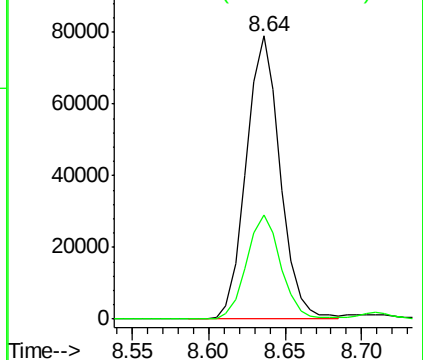
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.988 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012270.D

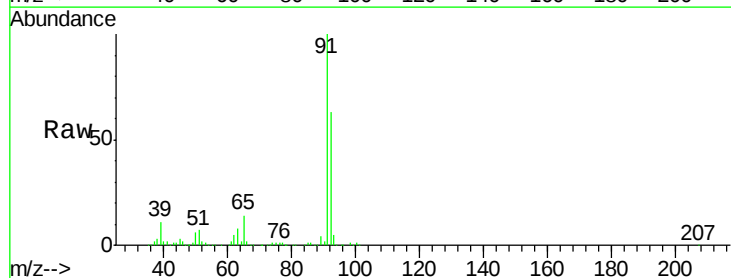
Acq: 10 Sep 2019 22:55

Tgt Ion: 92 Resp: 70437

Ion Ratio Lower Upper

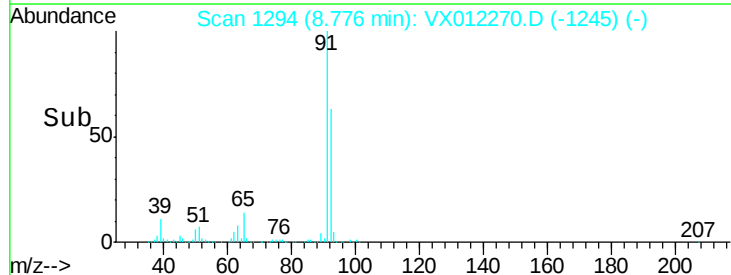
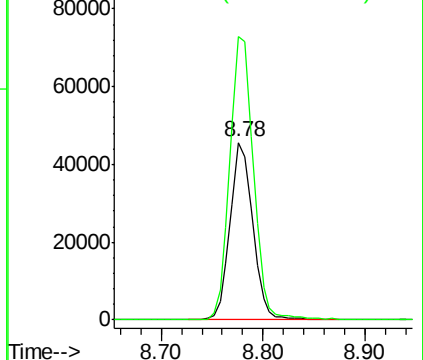
92 100

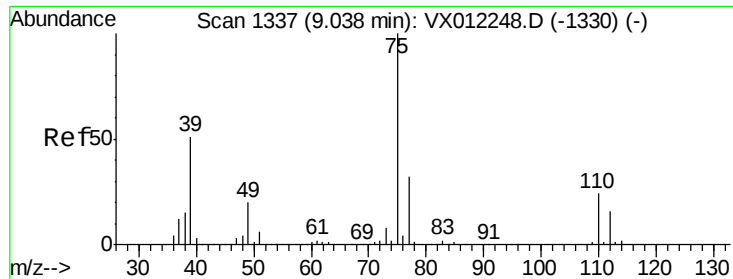
91 166.4 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





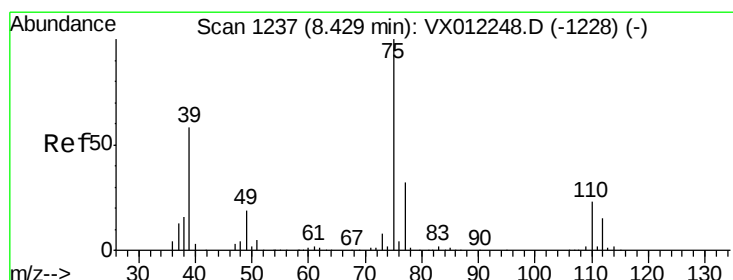
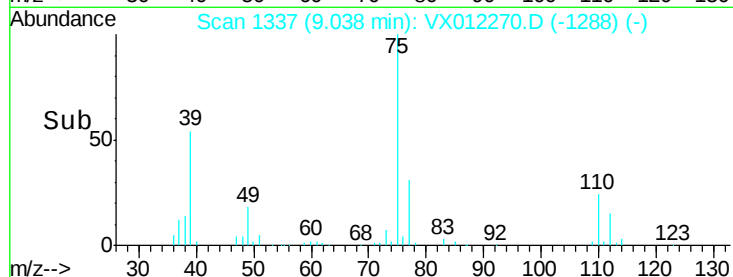
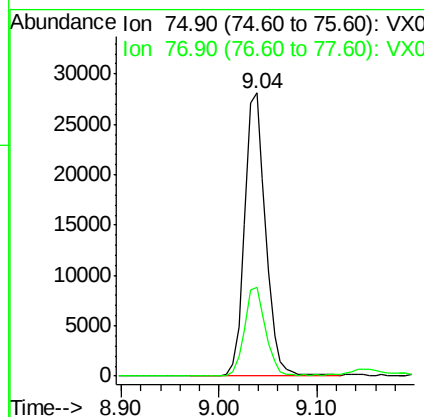
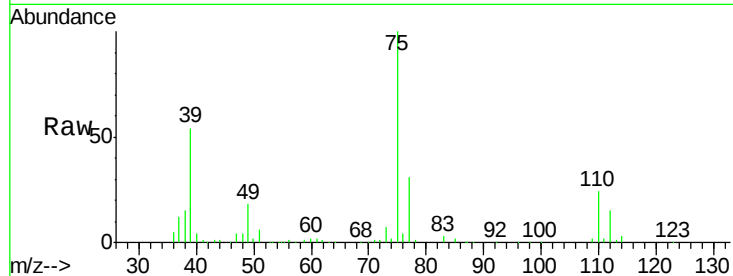
#53
t-1,3-Dichloropropene
Concen: 19.047 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 75 Resp: 41872
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6

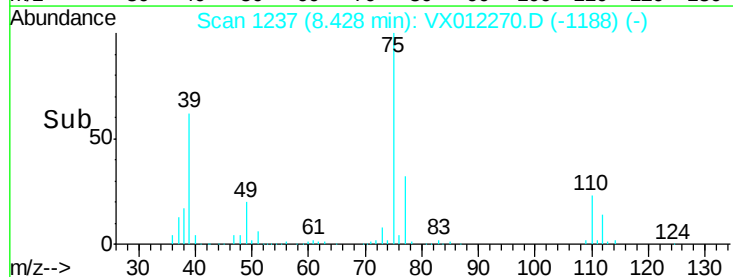
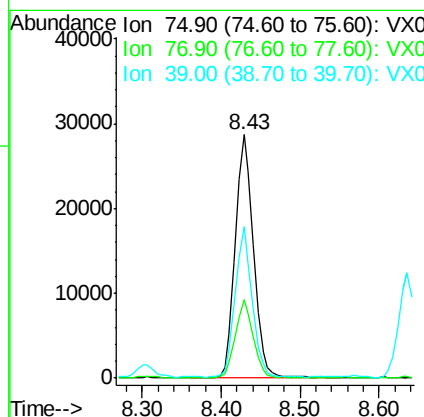
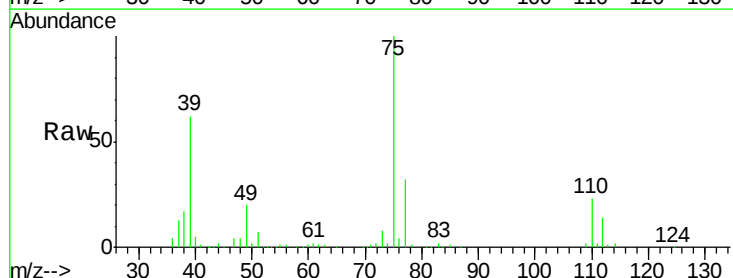
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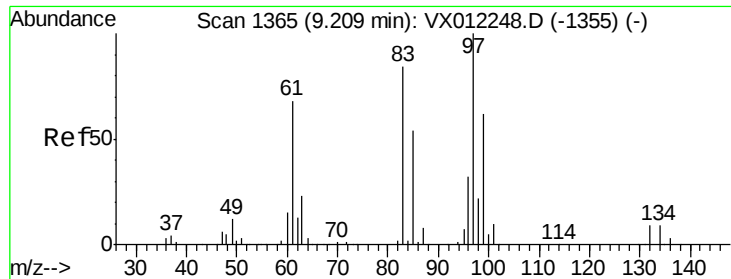
MMDadoda
9/12/2019 8:59:32 AM



#54
cis-1,3-Dichloropropene
Concen: 19.128 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion: 75 Resp: 46630
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
39 61.5 46.5 69.7





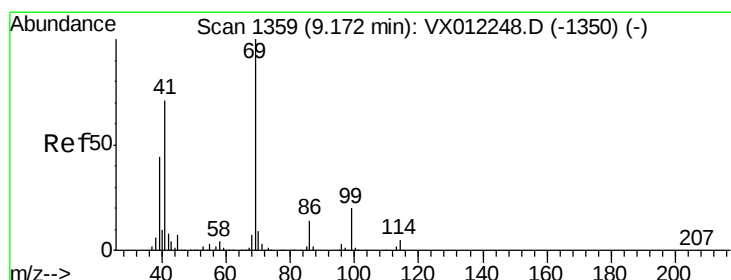
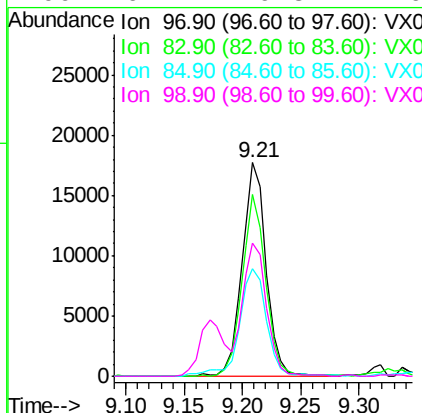
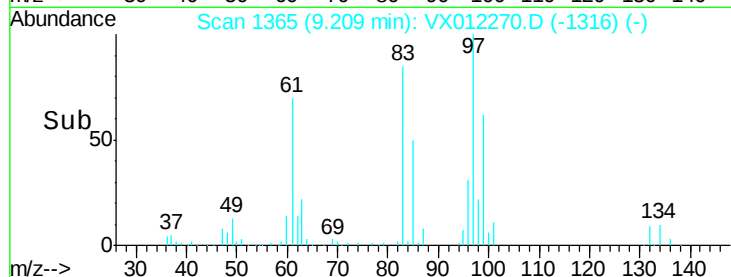
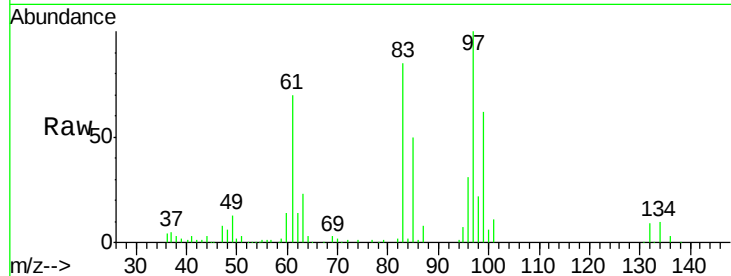
#55
 1,1,2-Trichloroethane
 Concen: 20.433 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion:	97	Resp:	25550
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.2
85	50.2	43.4	65.2
99	62.4	49.8	74.6

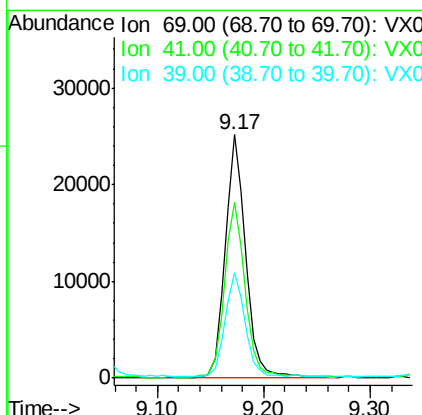
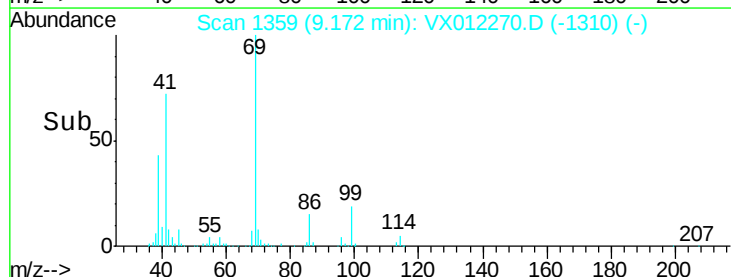
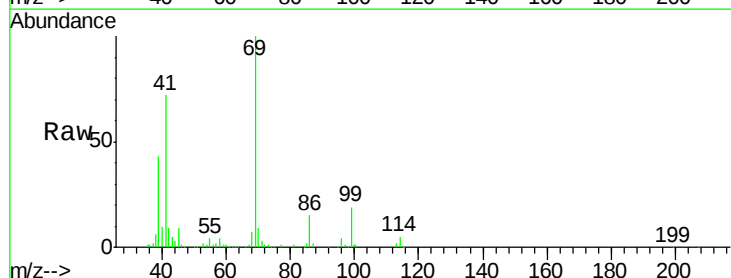
Manual Integrations
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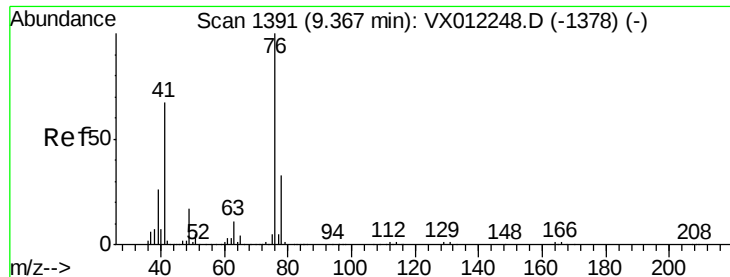
MMDadoda
 9/12/2019 8:59:32 AM



#56
 Ethyl methacrylate
 Concen: 20.221 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion:	69	Resp:	34235
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.7	86.5
39	41.3	34.0	51.0





#57

1,3-Dichloropropane

Concen: 20.673 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 76 Resp: 44151

Ion Ratio Lower Upper

76 100

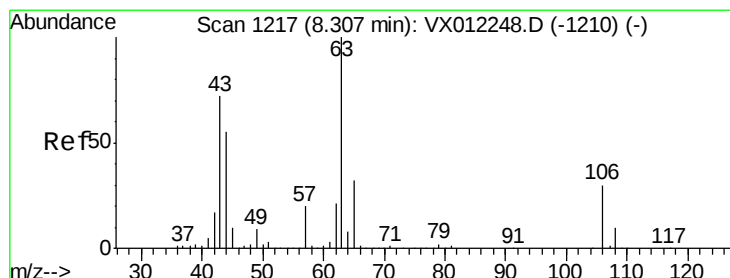
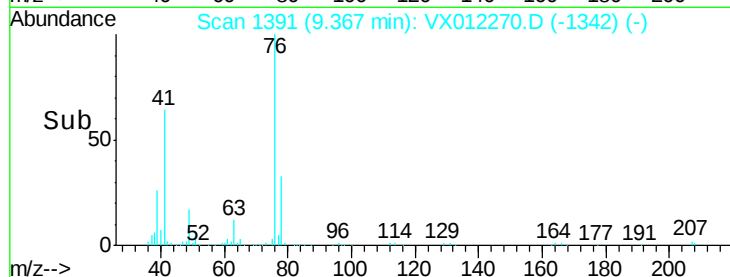
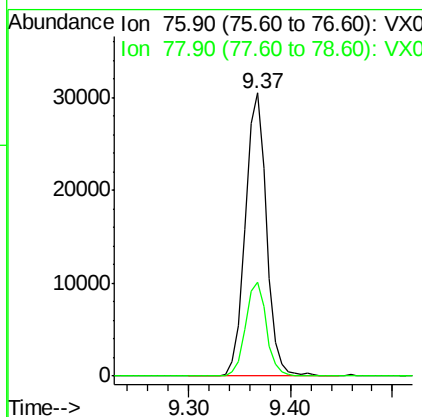
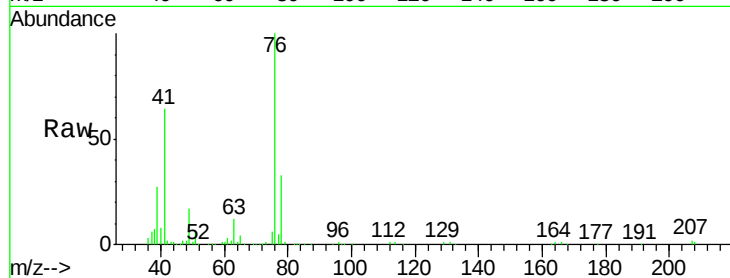
78 33.1 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.588 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012270.D

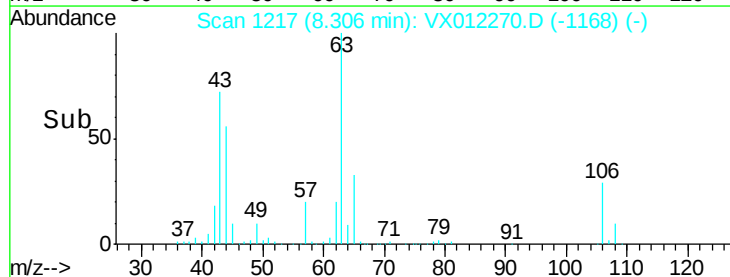
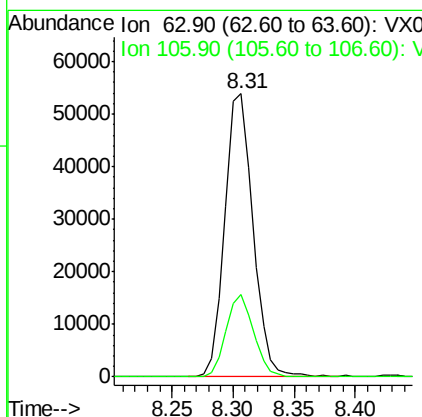
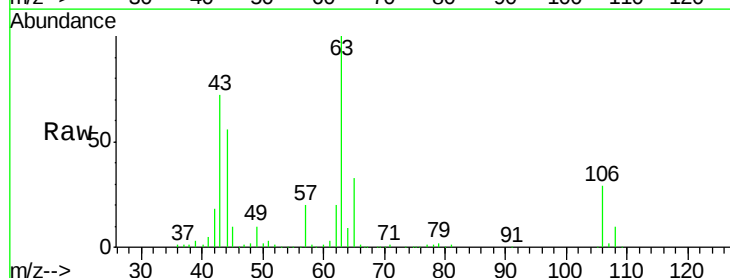
Acq: 10 Sep 2019 22:55

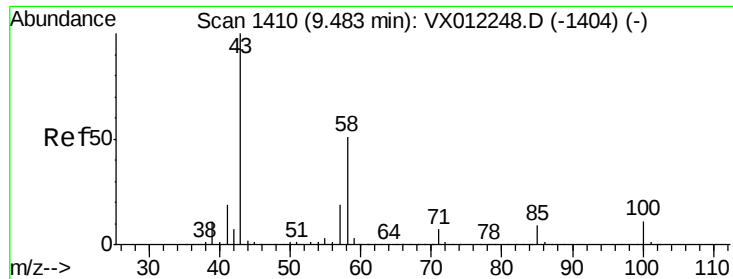
Tgt Ion: 63 Resp: 85548

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.2





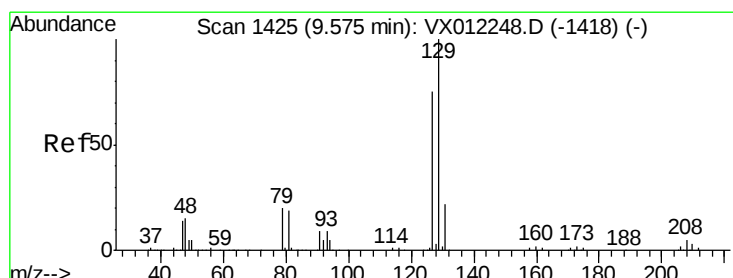
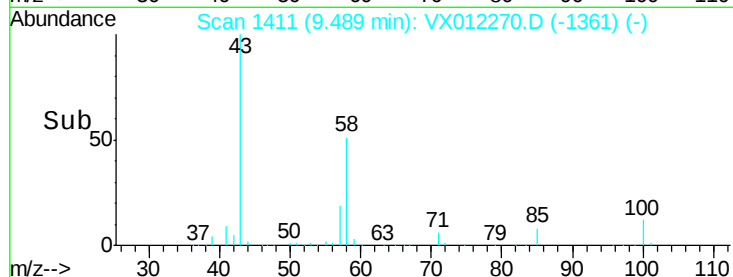
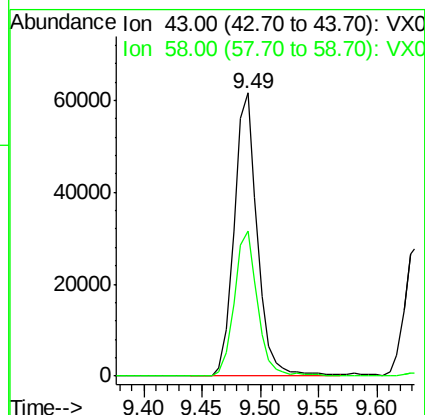
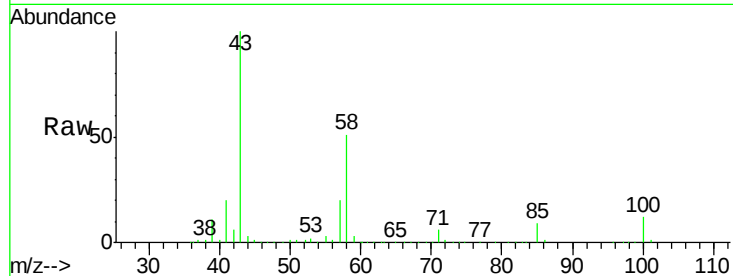
#59
2-Hexanone
Concen: 100.735 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 43 Resp: 84926
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.3

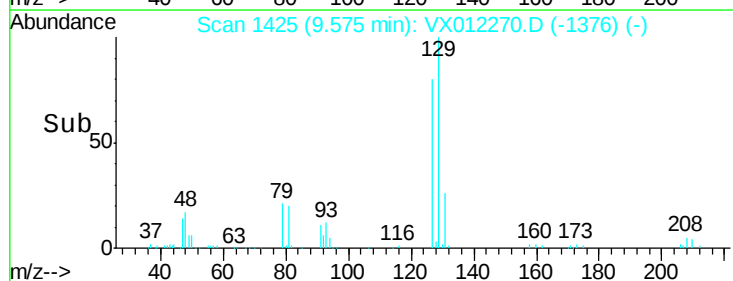
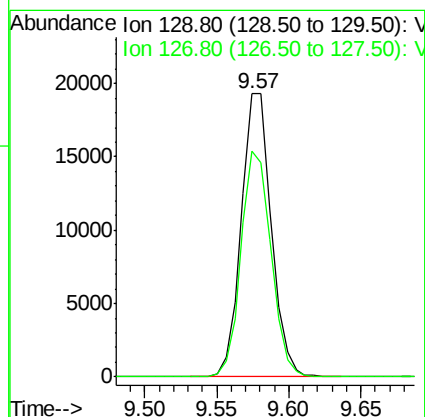
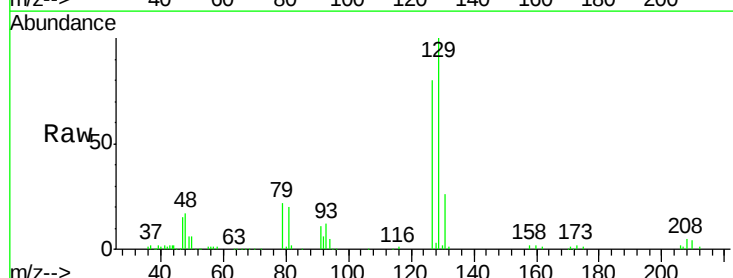
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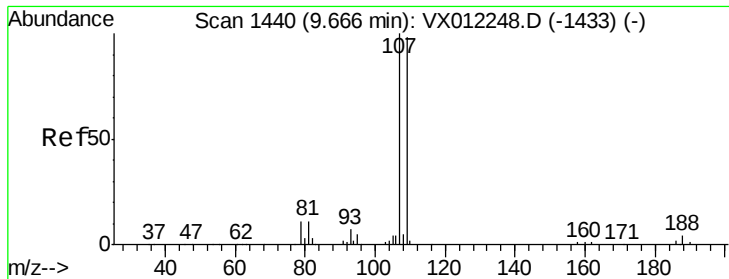
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#60
Dibromochloromethane
Concen: 19.165 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion: 129 Resp: 27976
Ion Ratio Lower Upper
129 100
127 79.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.836 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:107 Resp: 24252

Ion Ratio Lower Upper

107 100

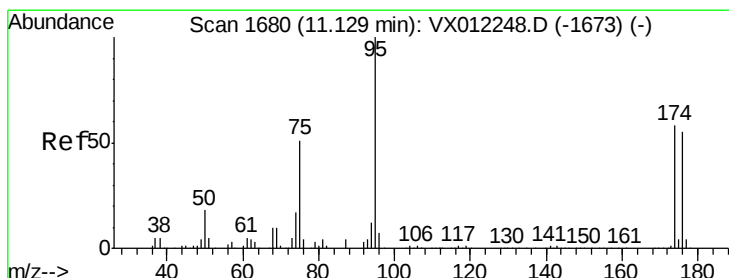
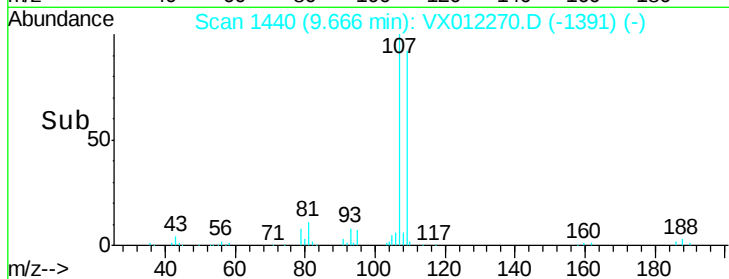
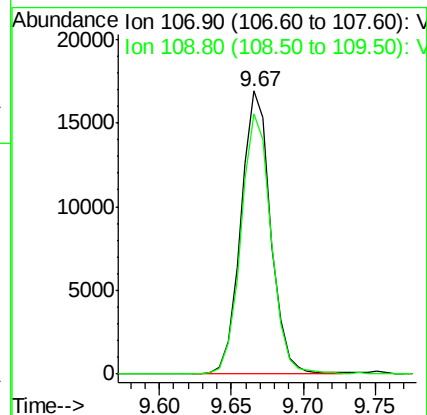
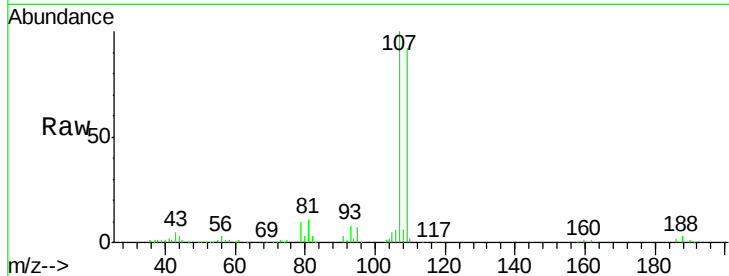
109 93.0 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 48.430 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

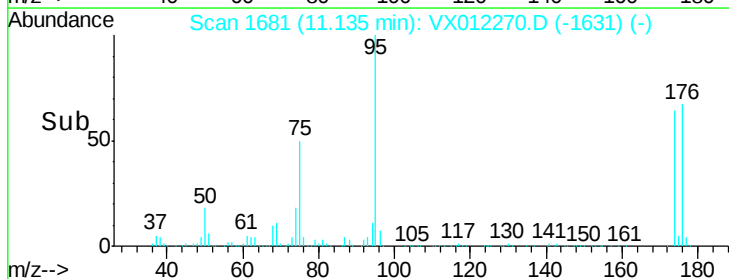
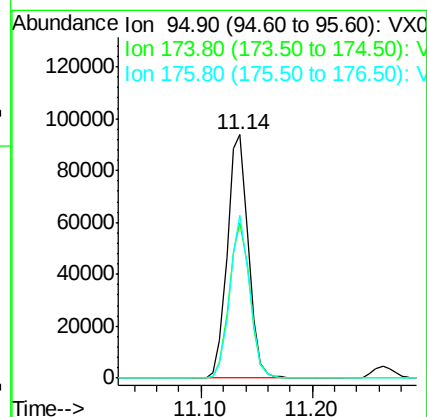
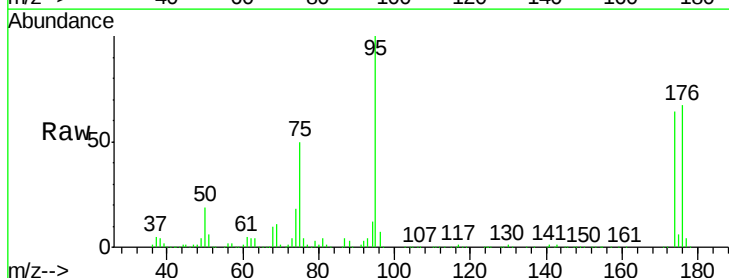
Tgt Ion: 95 Resp: 122040

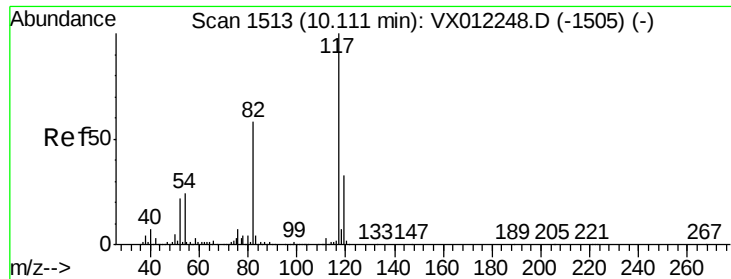
Ion Ratio Lower Upper

95 100

174 63.2 0.0 127.0

176 63.0 0.0 125.8





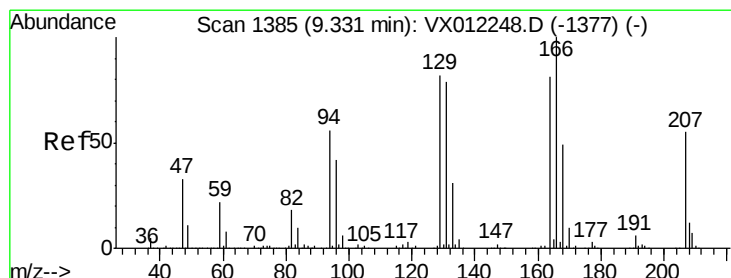
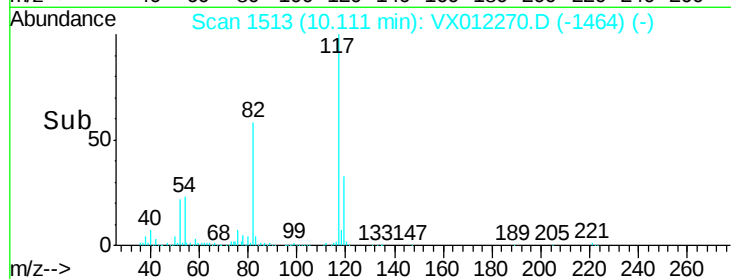
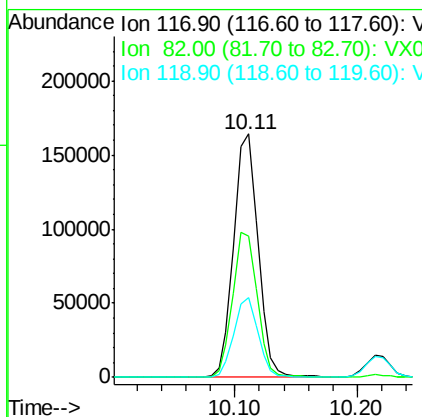
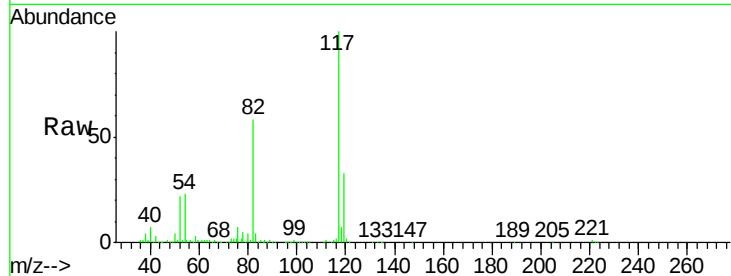
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	226882		
82	58.2	46.4	69.6	
119	32.6	26.6	39.8	

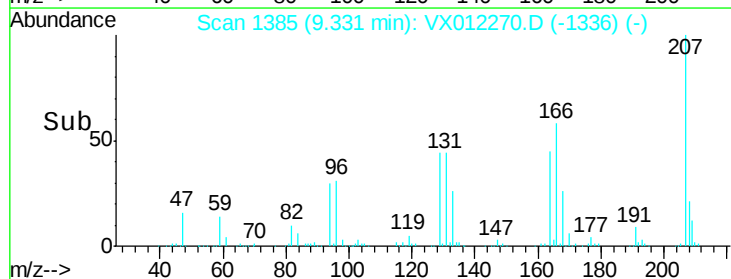
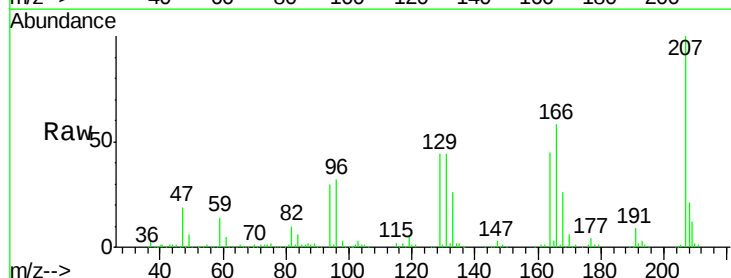
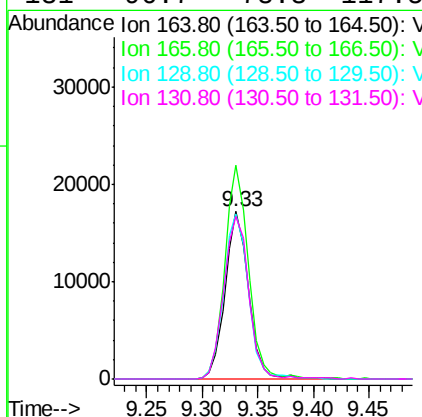
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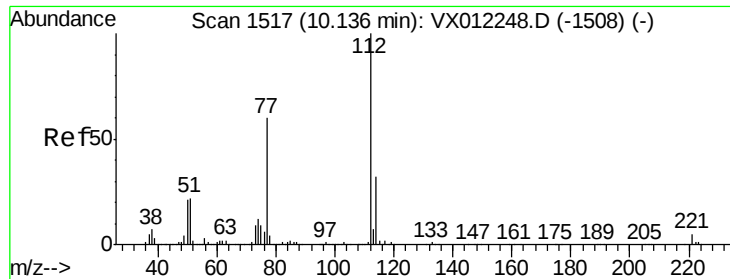
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#64
Tetrachloroethene
Concen: 20.911 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	25091		
166	127.4	99.4	149.0	
129	98.2	81.8	122.8	
131	96.7	78.3	117.5	





#65

Chlorobenzene

Concen: 19.600 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:112 Resp: 81253

Ion Ratio Lower Upper

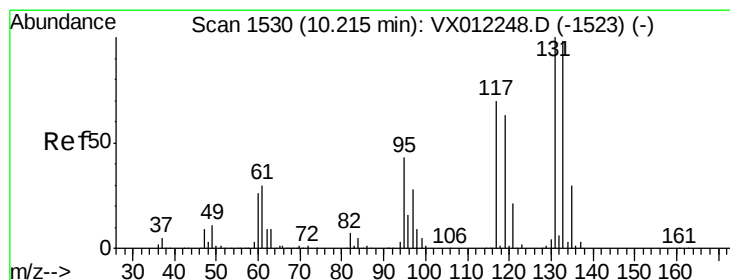
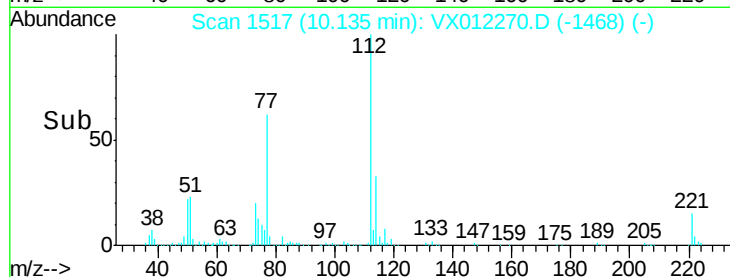
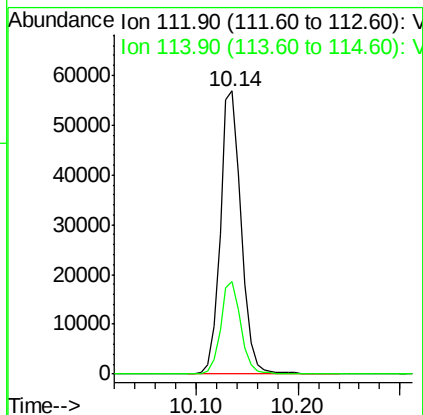
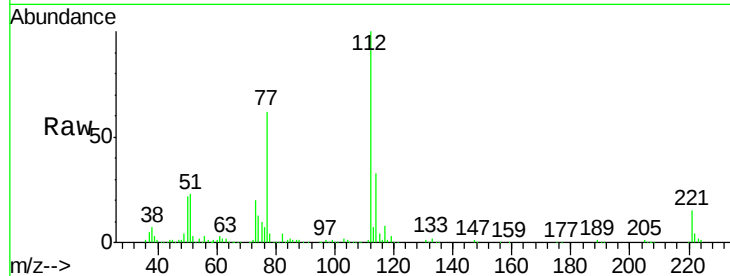
112 100

114 32.7 25.4 38.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.562 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

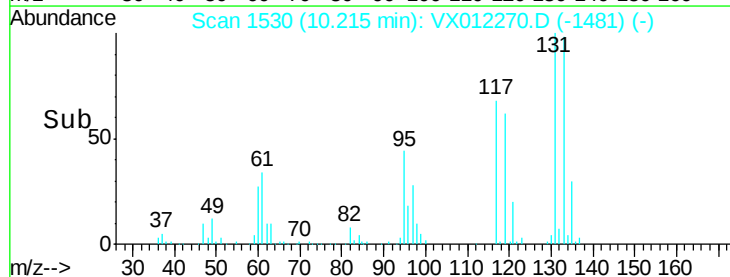
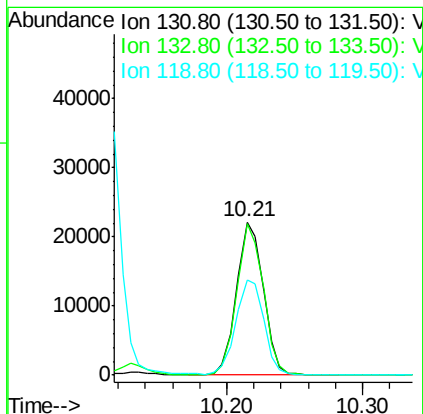
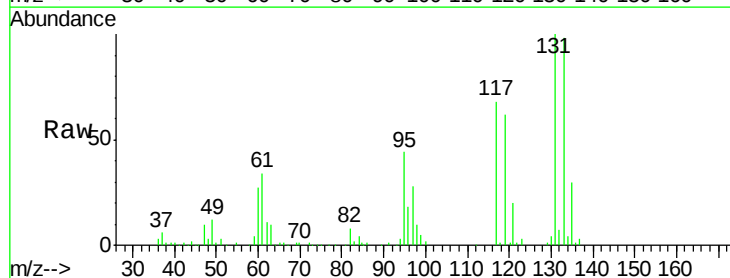
Tgt Ion:131 Resp: 30571

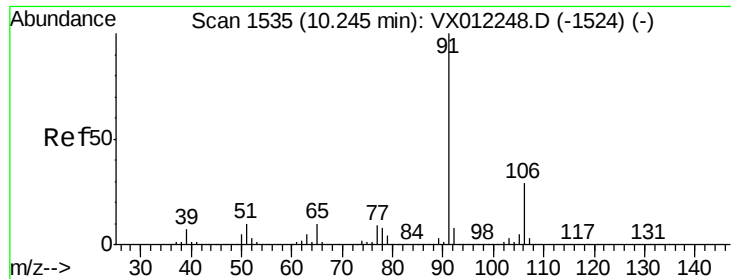
Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.2

119 65.3 31.6 95.0





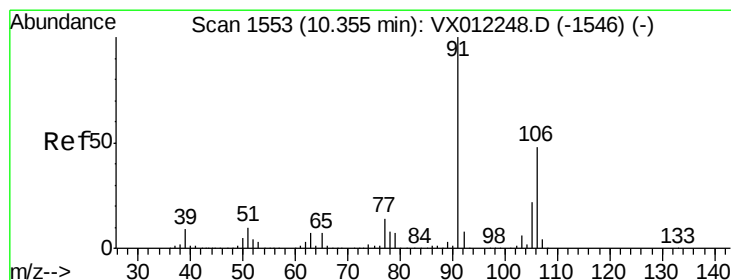
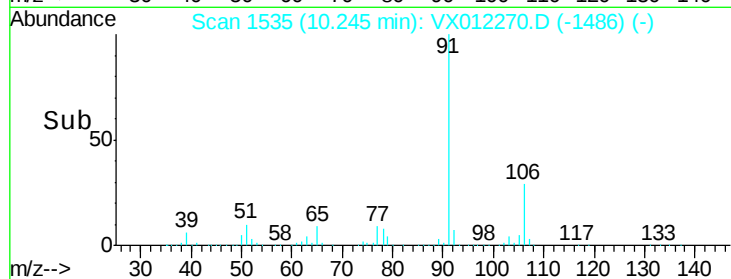
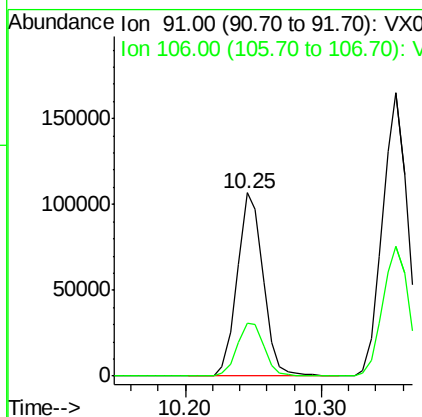
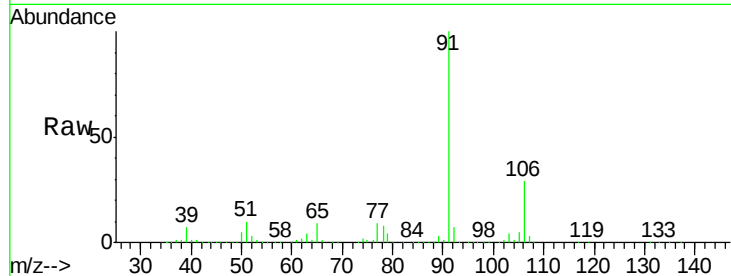
#67
Ethyl Benzene
Concen: 19.298 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 91 Resp: 142288
Ion Ratio Lower Upper
91 100
106 29.2 23.1 34.7

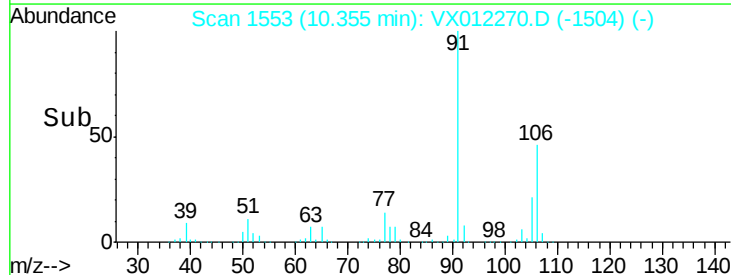
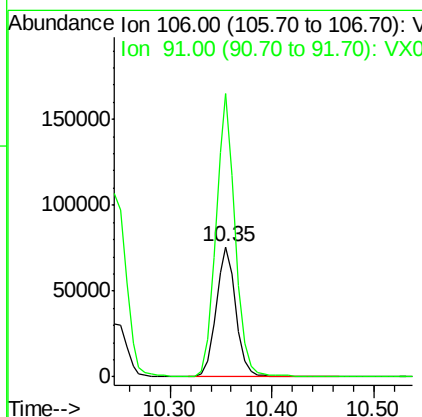
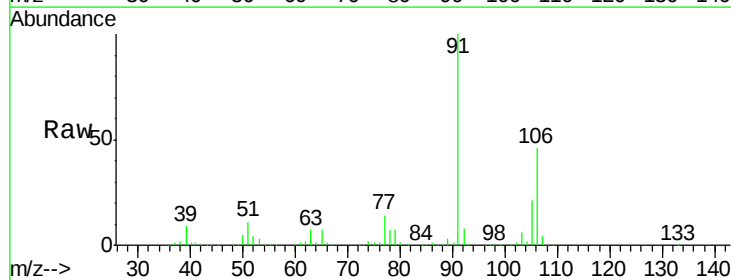
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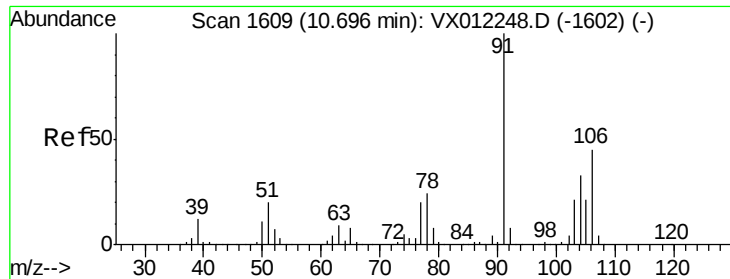
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#68
m/p-Xylenes
Concen: 37.842 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion: 106 Resp: 102709
Ion Ratio Lower Upper
106 100
91 212.3 167.0 250.6





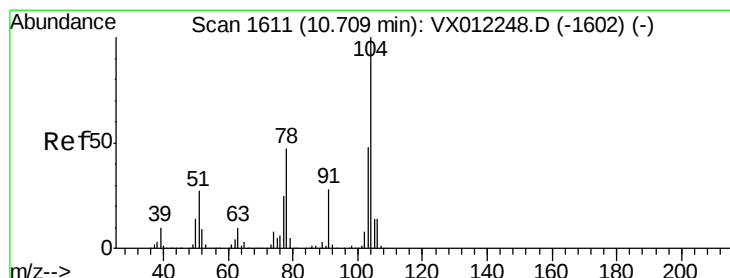
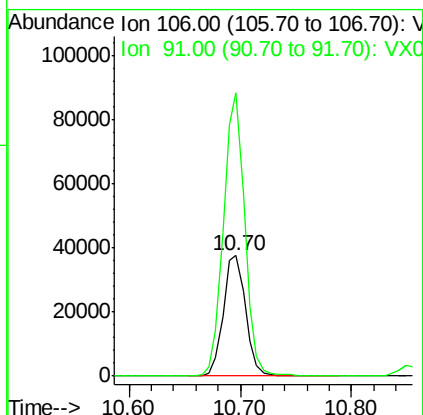
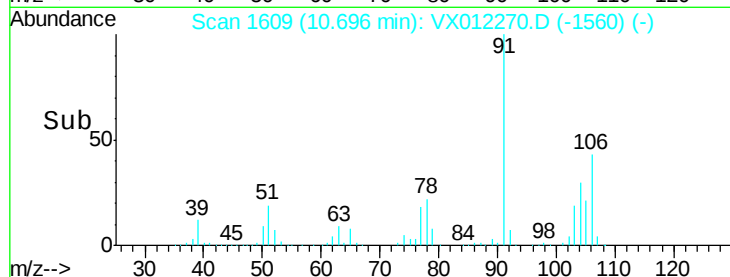
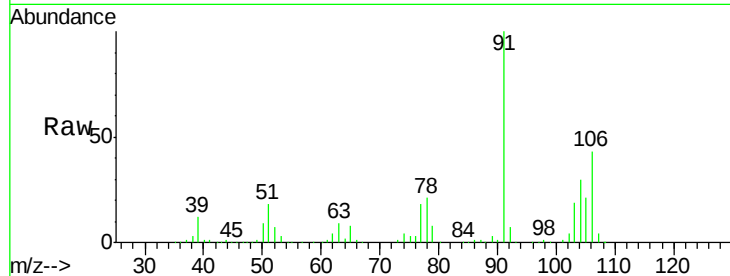
#69
o-Xylene
Concen: 19.617 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion:106 Resp: 52157
Ion Ratio Lower Upper
106 100
91 223.2 110.5 331.4

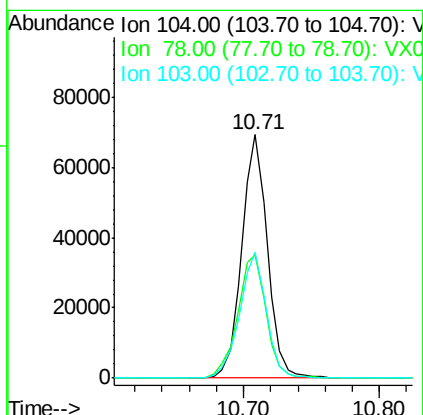
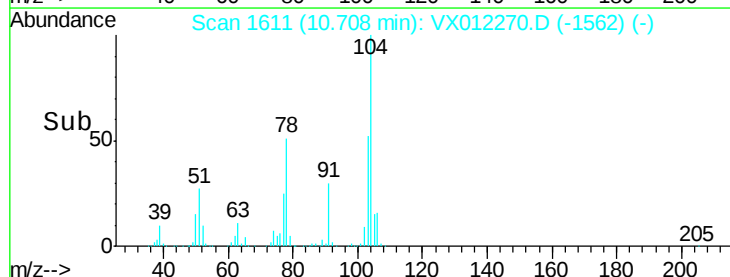
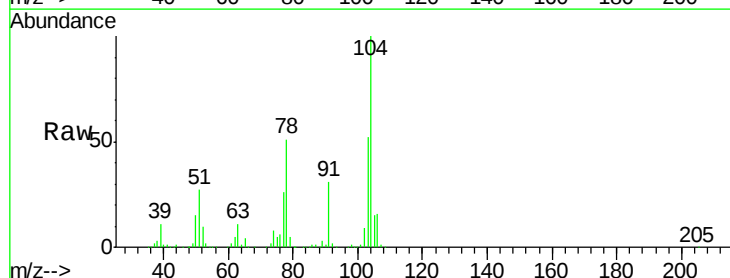
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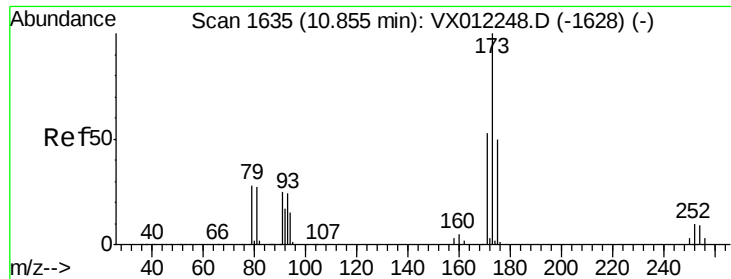
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#70
Styrene
Concen: 19.307 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion:104 Resp: 91040
Ion Ratio Lower Upper
104 100
78 56.5 44.2 66.2
103 54.3 42.5 63.7





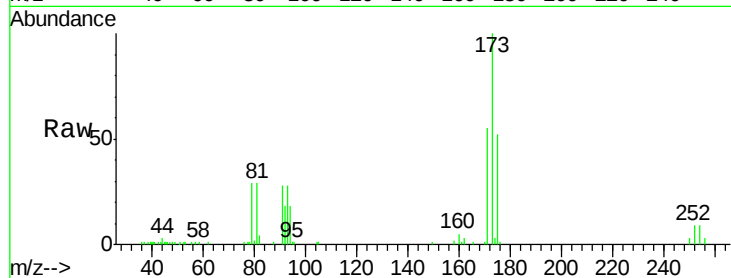
#71
Bromoform
Concen: 18.454 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

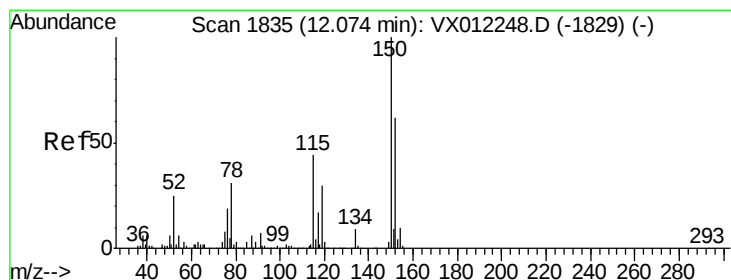
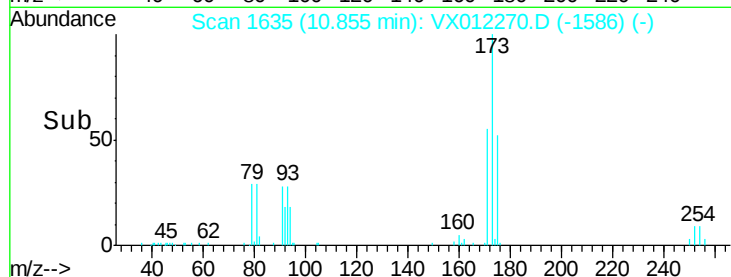
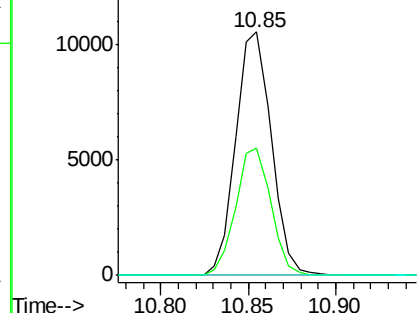
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.5	73.5
254	0.0	0.2	0.4

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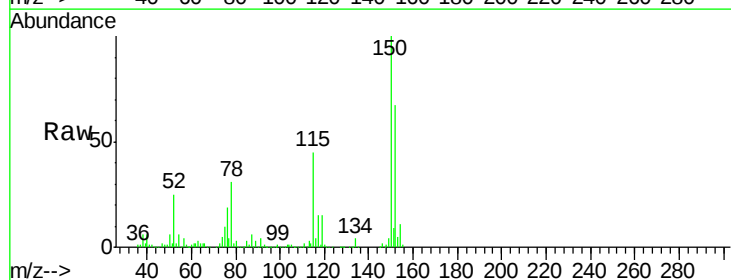


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

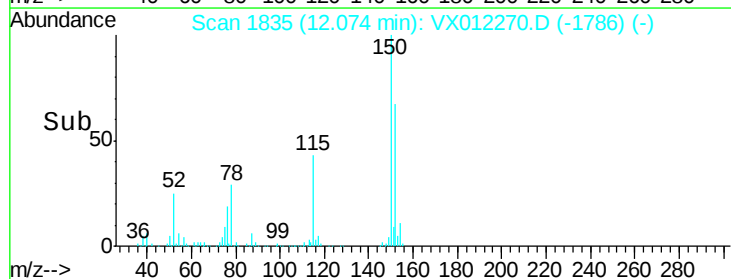
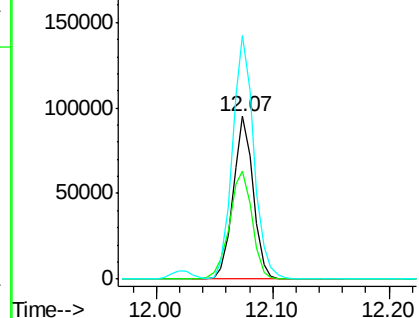


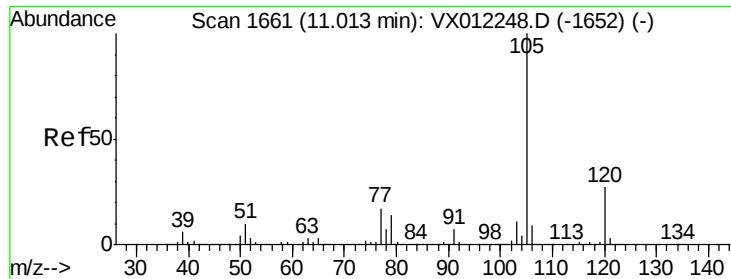
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	45.5	136.4
150	159.3	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.484 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 105 Resp: 137375

Ion Ratio Lower Upper

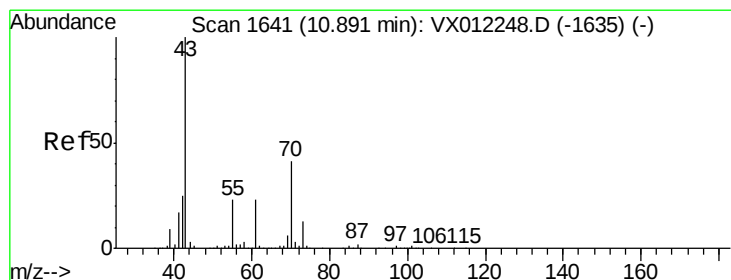
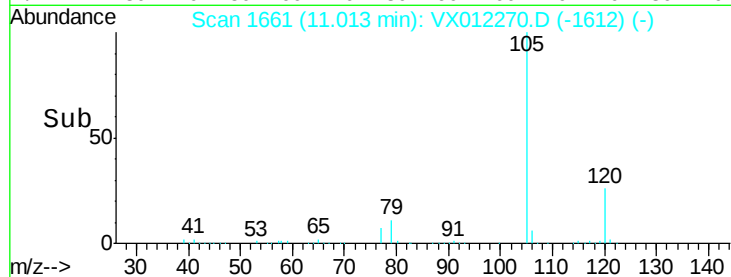
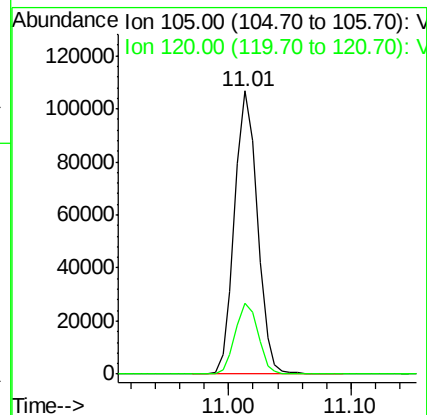
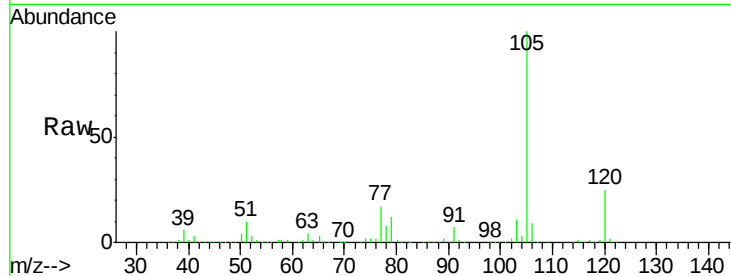
105 100

120 25.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.956 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion: 43 Resp: 41889

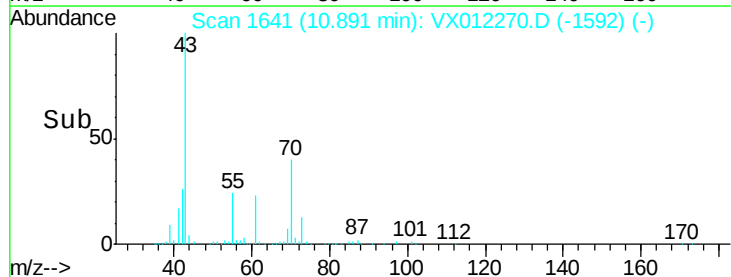
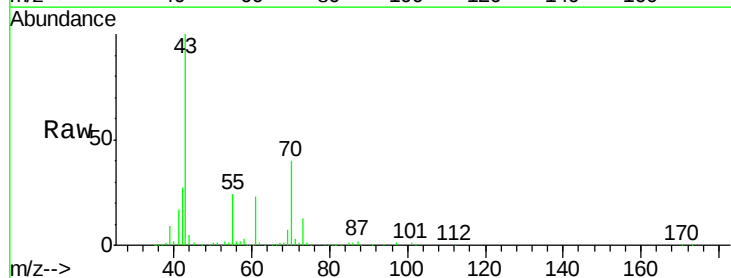
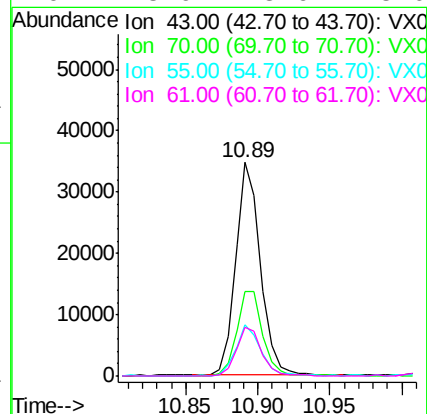
Ion Ratio Lower Upper

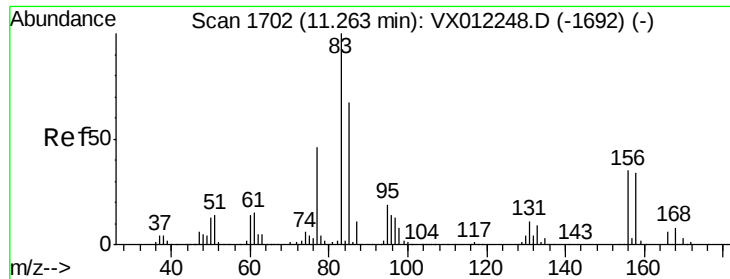
43 100

70 42.1 32.9 49.3

55 23.9 19.1 28.7

61 23.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.133 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

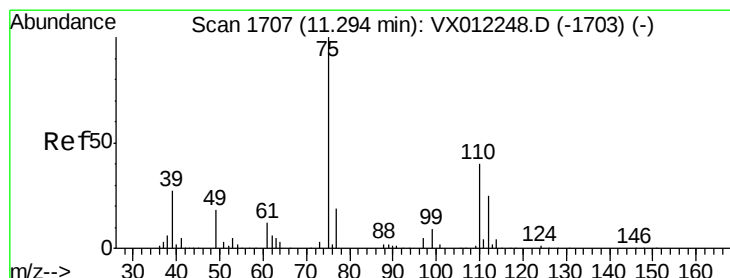
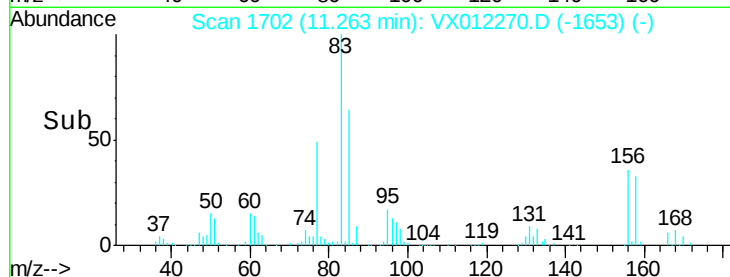
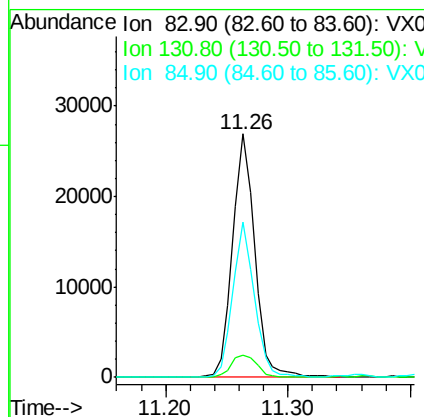
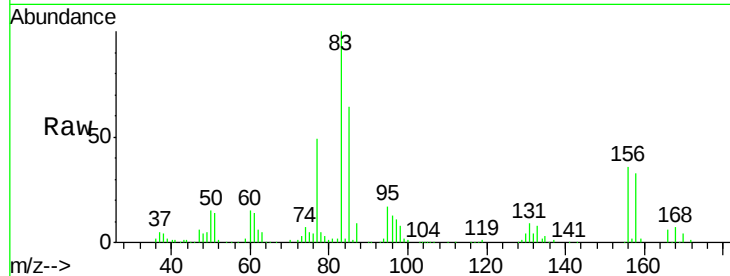
ClientSampleId :

VX0910SBS03

Tot Ion:	83	Resp:	33731
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	62.3	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 19.904 ug/l m

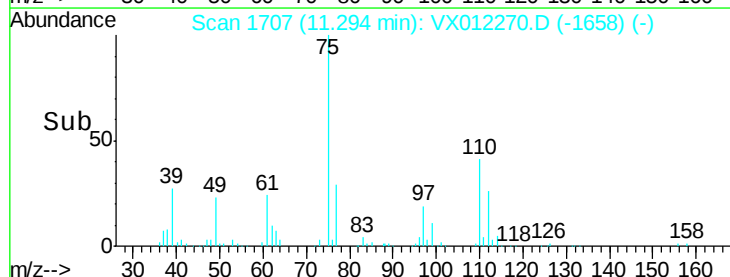
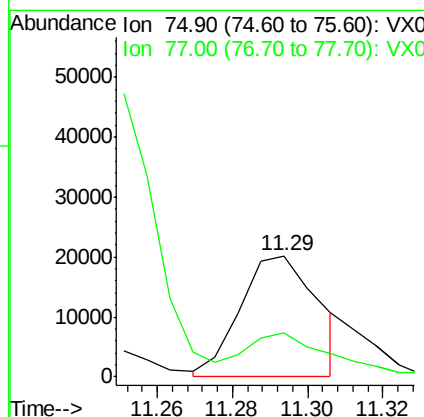
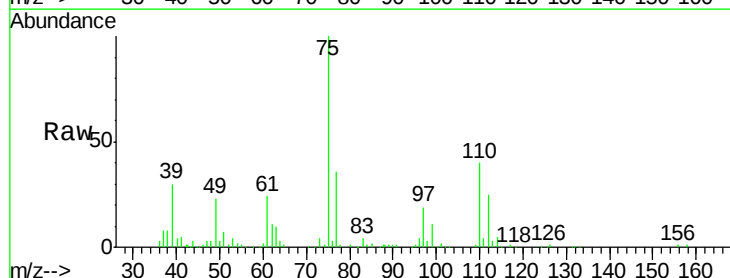
RT: 11.29 min Scan# 1707

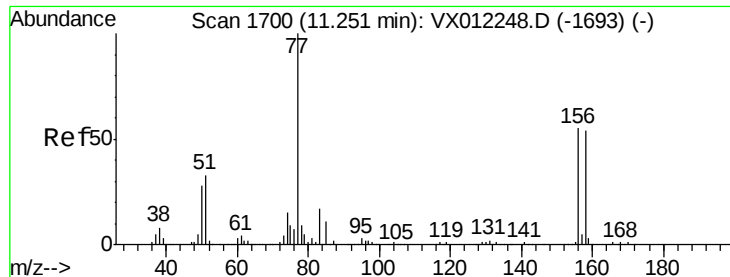
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	75	Resp:	28866
Ion Ratio	Lower	Upper	
75	100		
77	41.0	19.7	59.0





#77

Bromobenzene

Concen: 20.049 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

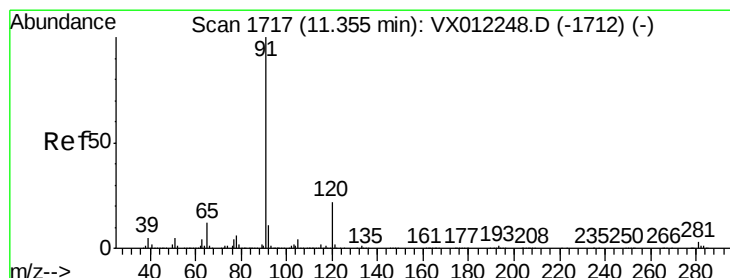
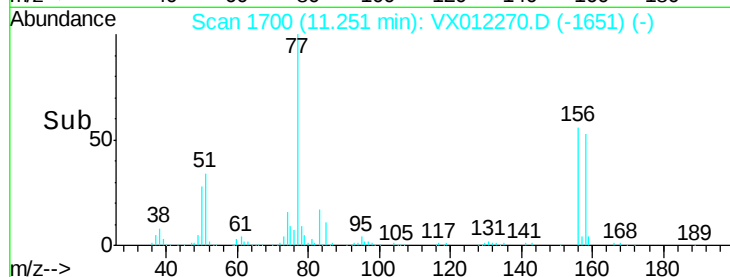
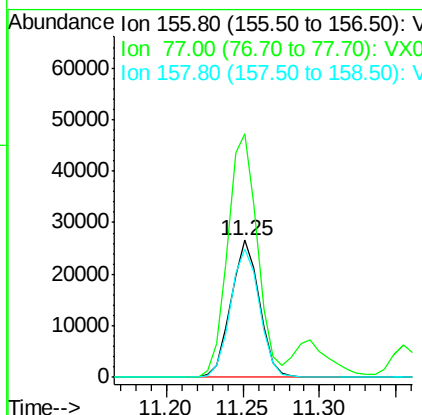
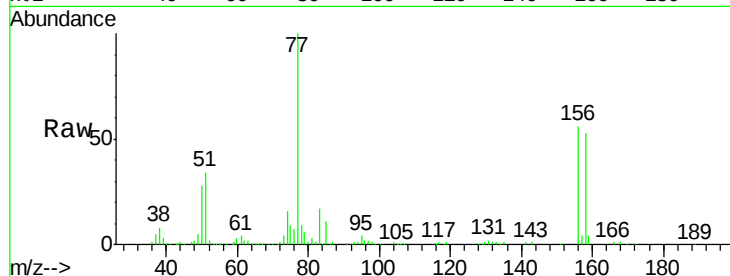
ClientSampleId :

VX0910SBS03

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.9	92.2	276.6
158	95.5	48.8	146.3

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#78

n-propylbenzene

Concen: 18.586 ug/l

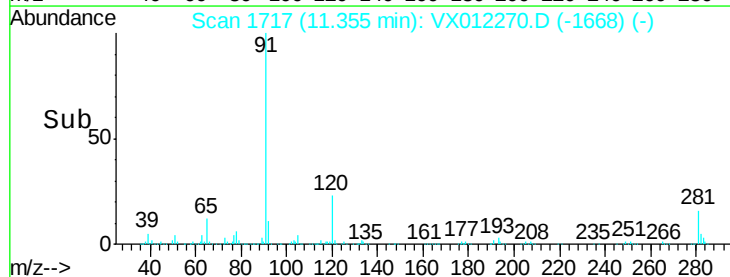
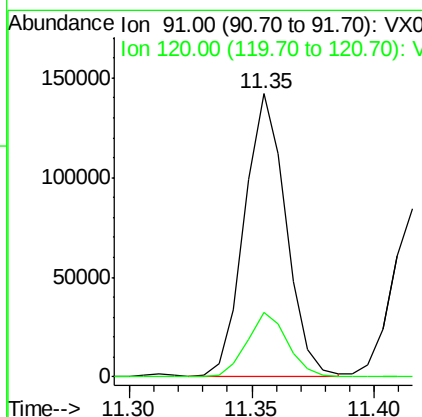
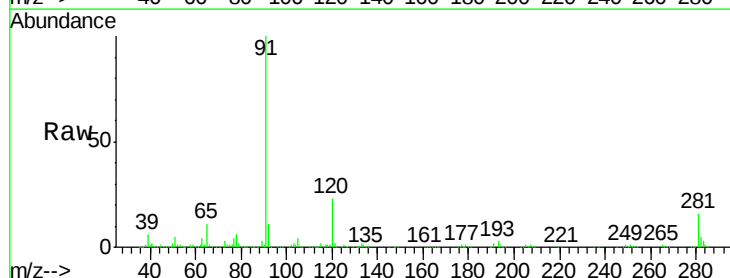
RT: 11.35 min Scan# 1717

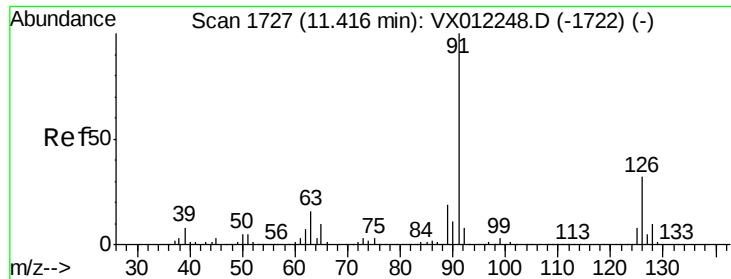
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.6





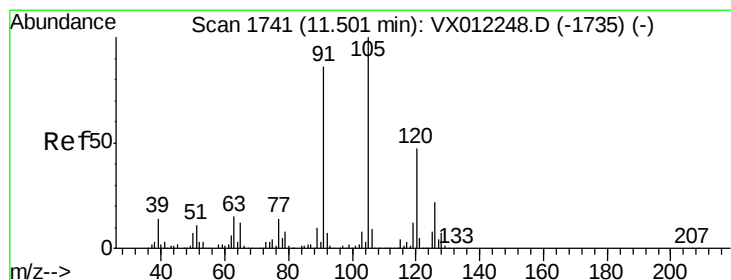
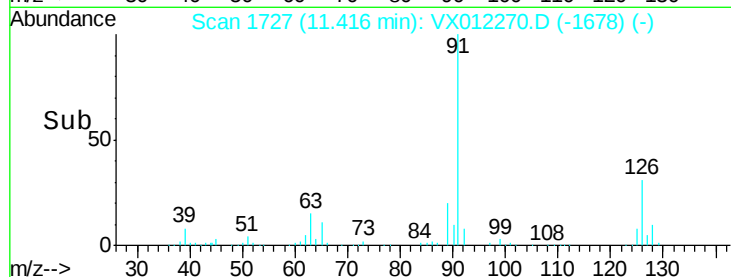
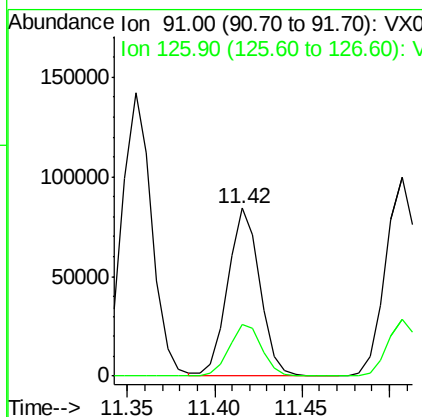
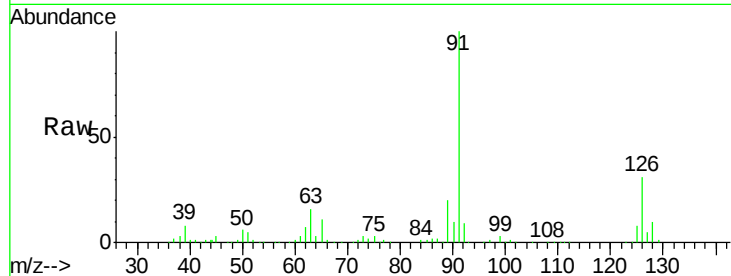
#79
 2-Chlorotoluene
 Concen: 19.085 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion: 91 Resp: 106122
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7

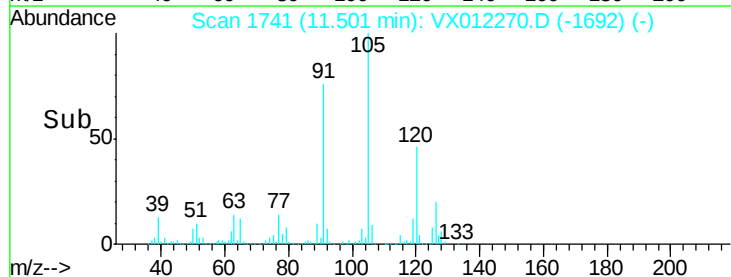
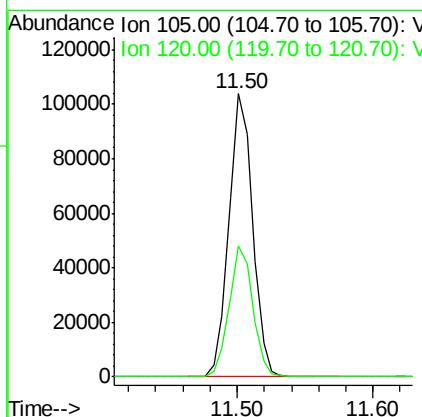
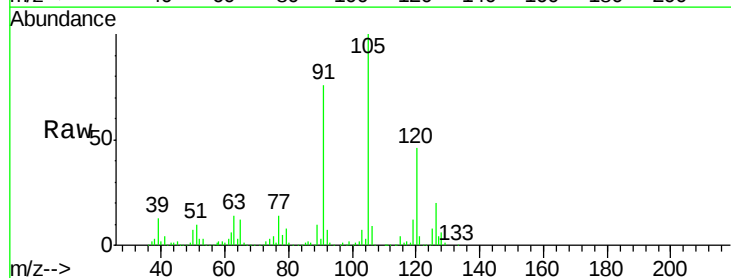
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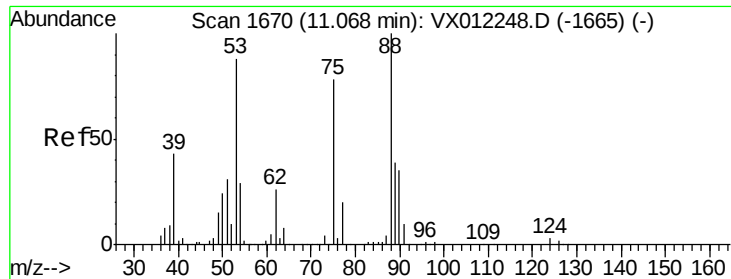
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.802 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion: 105 Resp: 125668
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.472 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

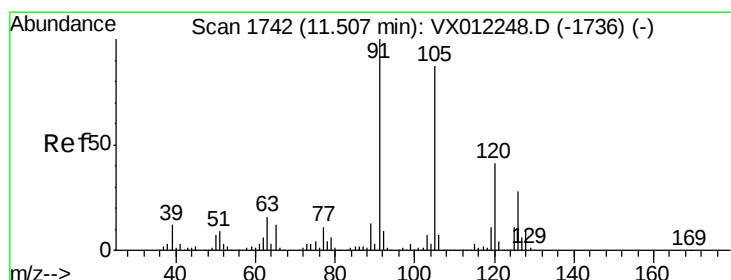
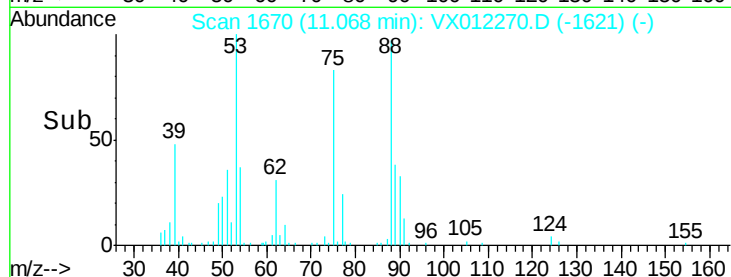
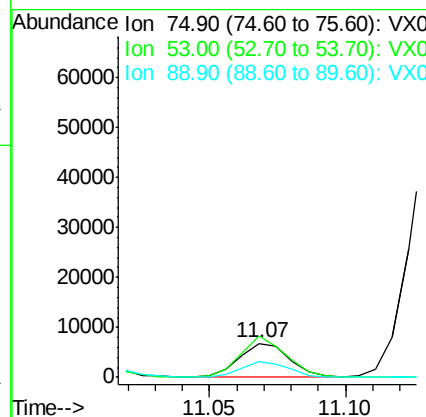
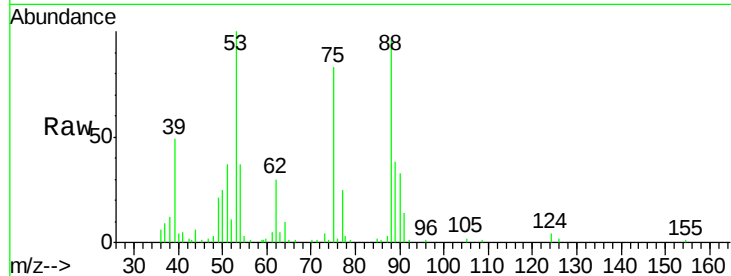
ClientSampleId :

VX0910SBS03

Tot Ion:	75	Resp:	8457
Ion	Ratio	Lower	Upper
75	100		
53	115.8	88.1	132.1
89	46.2	43.5	65.3

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#82

4-Chlorotoluene

Concen: 18.873 ug/l

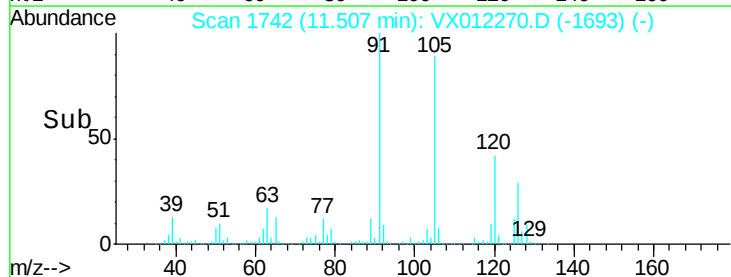
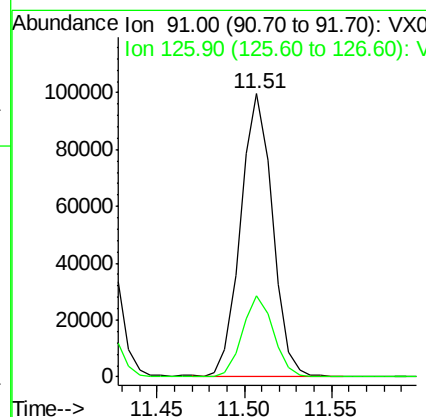
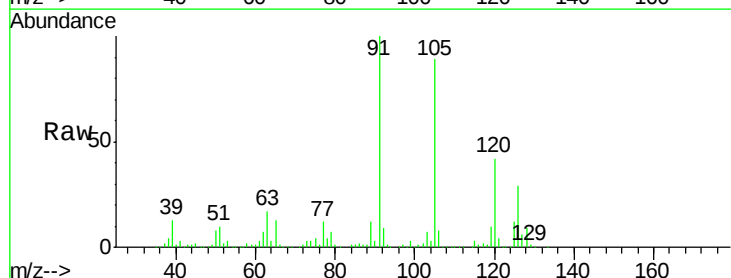
RT: 11.51 min Scan# 1742

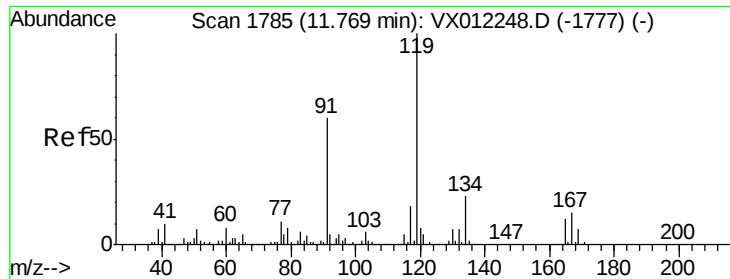
Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	91	Resp:	126119
Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.0	42.0





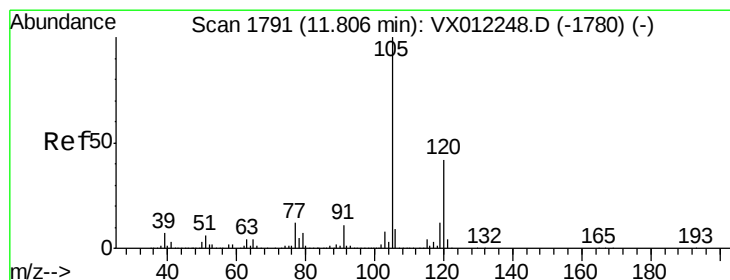
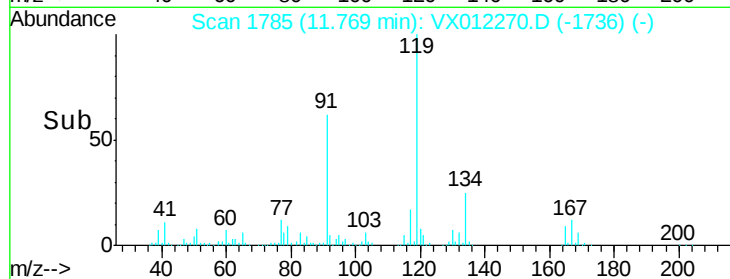
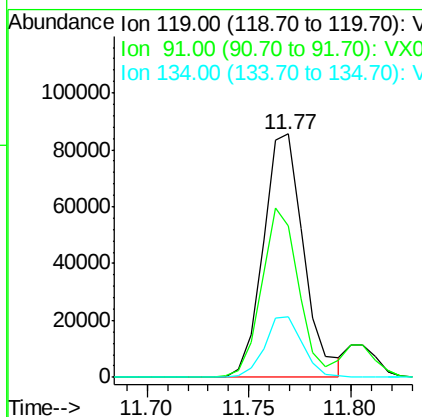
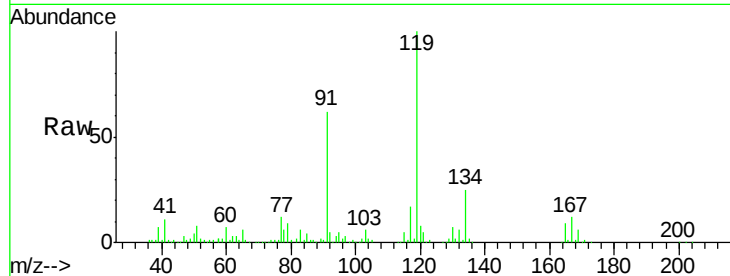
#83
tert-Butylbenzene
Concen: 18.217 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	118222		
91	63.5	30.9	92.8	
134	23.5	11.2	33.6	

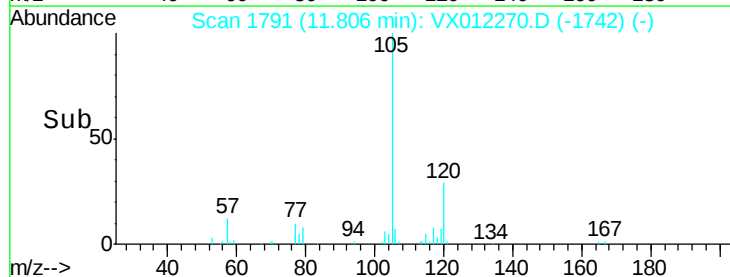
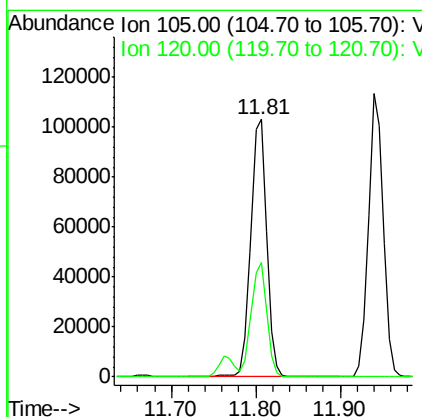
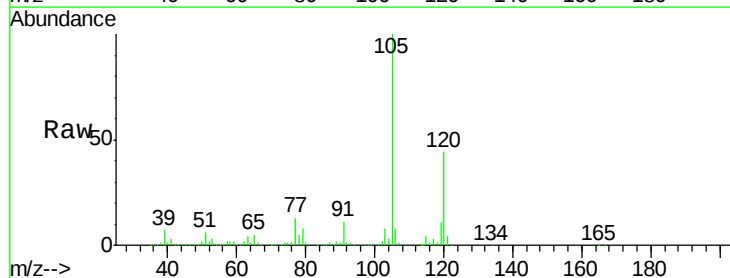
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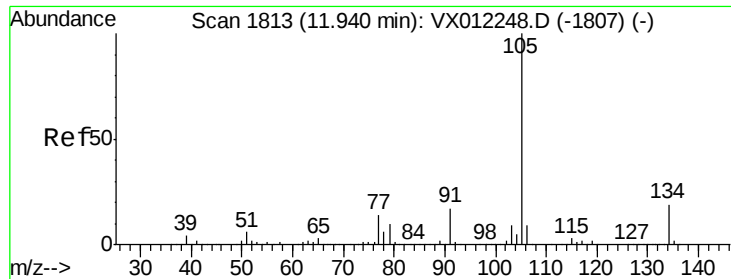
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9/12/2019 8:59:32 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.843 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130189		
120	43.4	21.3	63.9	





#85

sec-Butylbenzene

Concen: 17.918 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:105 Resp: 138749

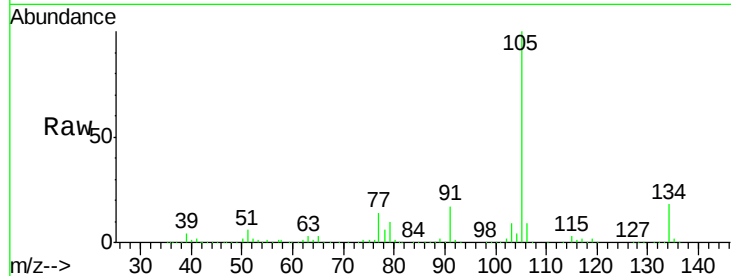
Ion Ratio Lower Upper

105 100

134 19.2 9.9 29.7

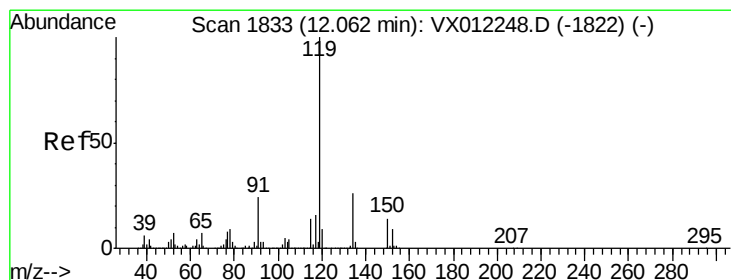
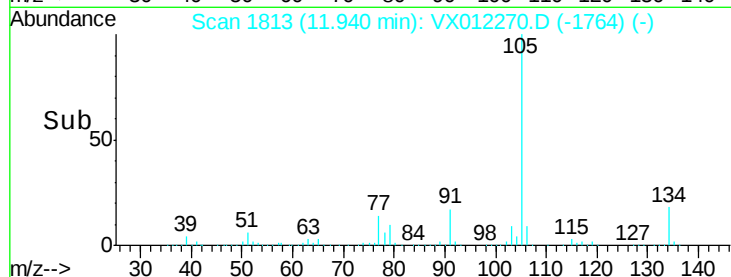
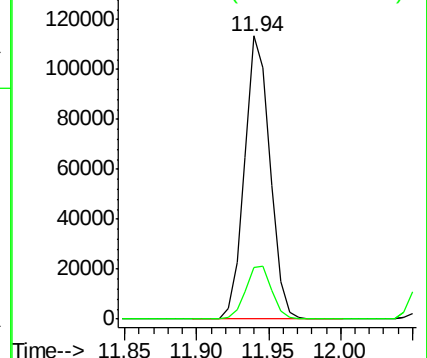
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.037 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

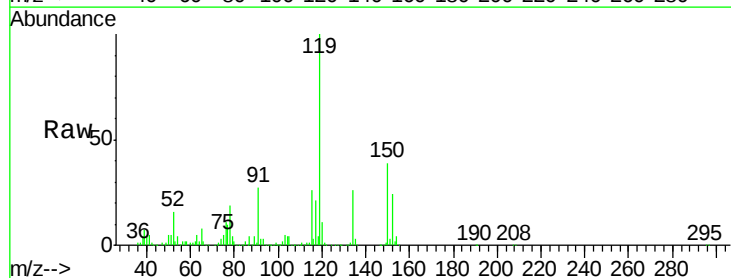
Tgt Ion:119 Resp: 129052

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

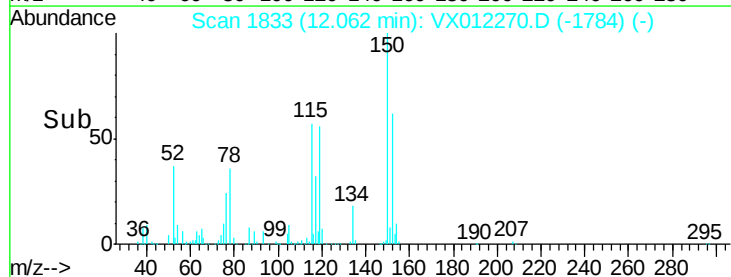
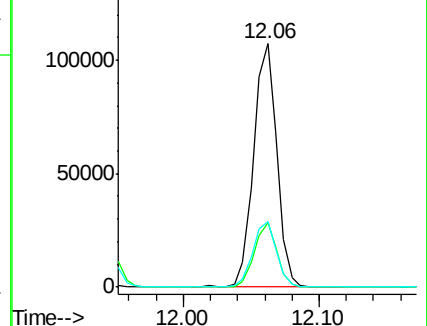
91 27.5 13.1 39.1

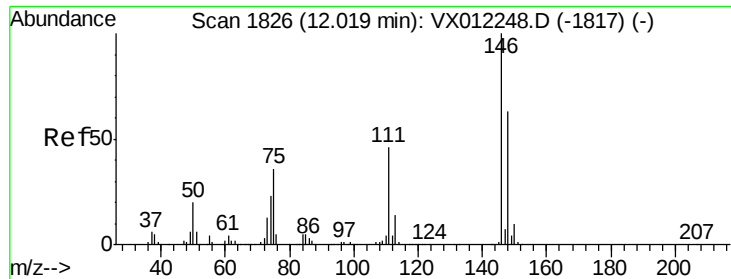


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





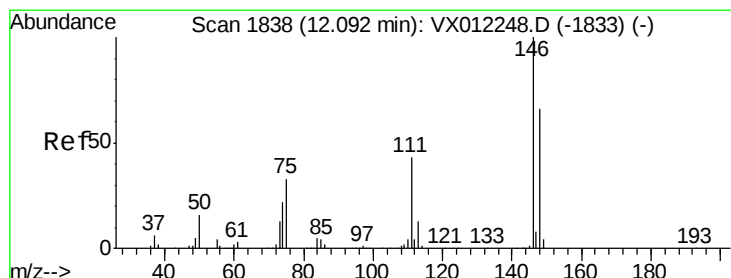
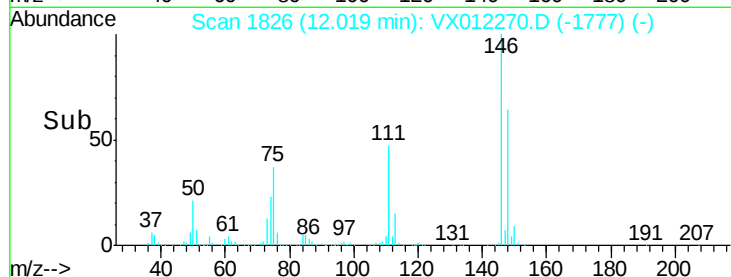
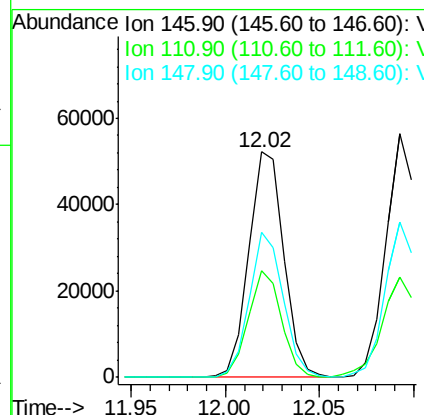
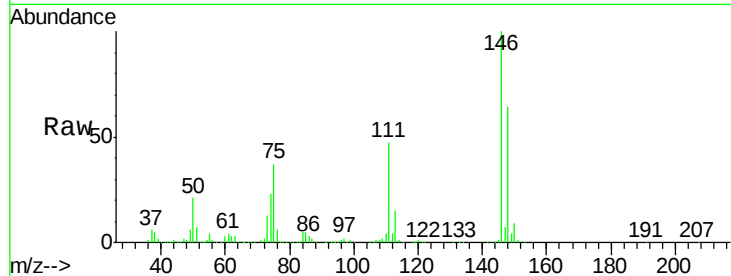
#87
 1,3-Dichlorobenzene
 Concen: 19.316 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.3	66.8
148	62.3	31.5	94.5

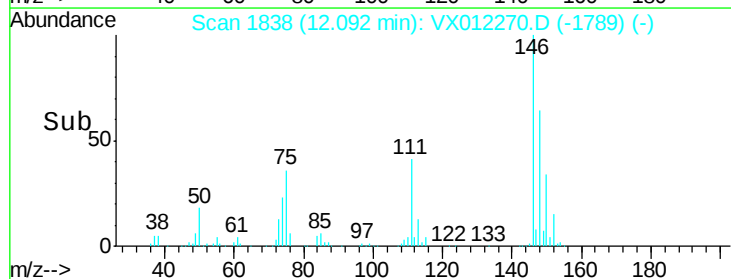
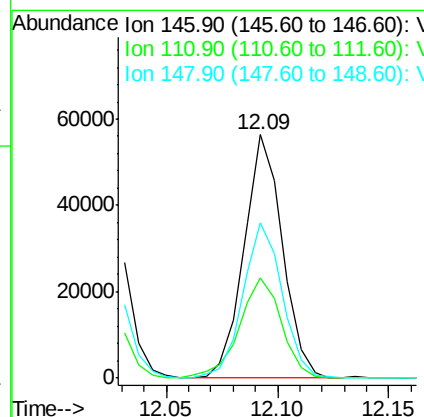
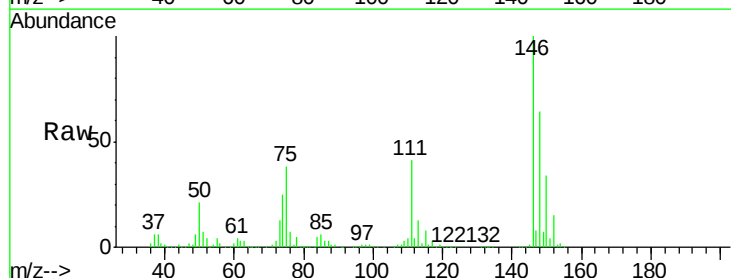
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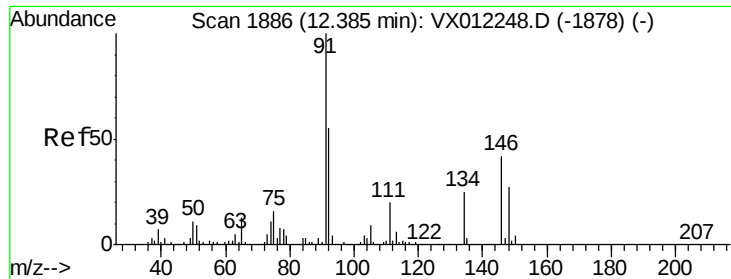
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#88
 1,4-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.6	64.8
148	66.0	32.4	97.2





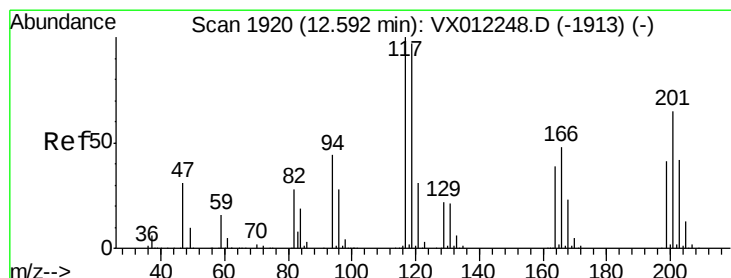
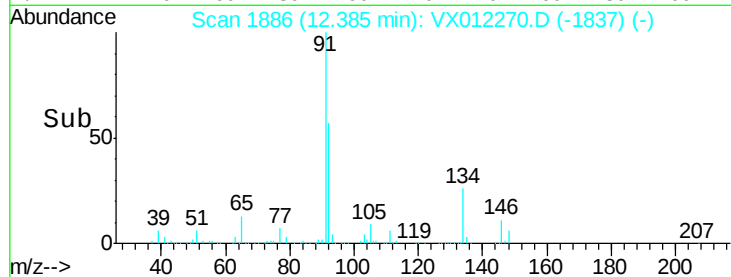
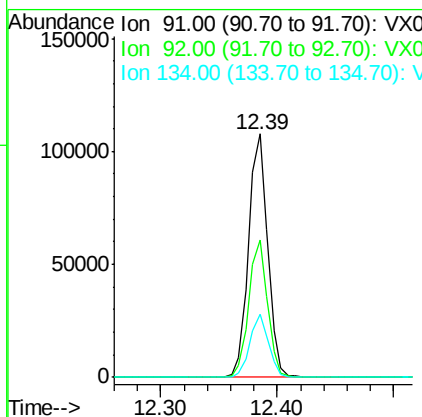
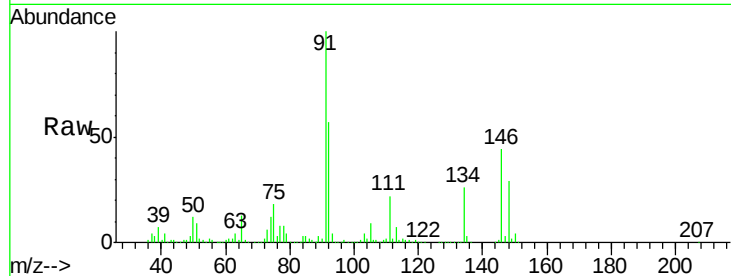
#89
n-Butylbenzene
Concen: 17.742 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	124417		
92	55.4	27.6	82.7	
134	25.0	12.5	37.5	

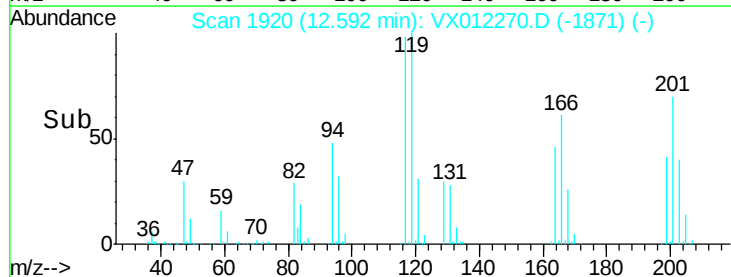
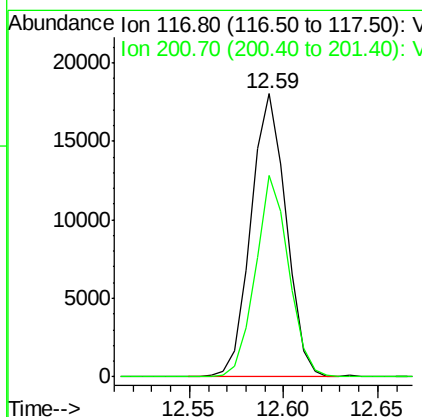
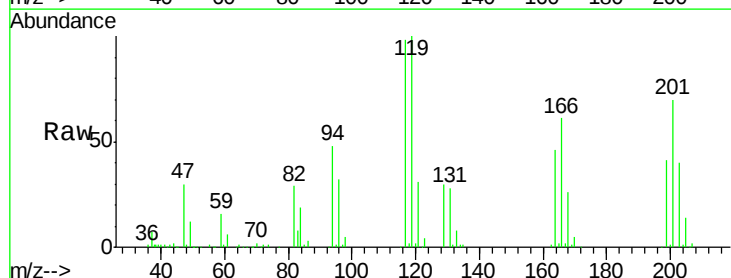
Manual Integrations
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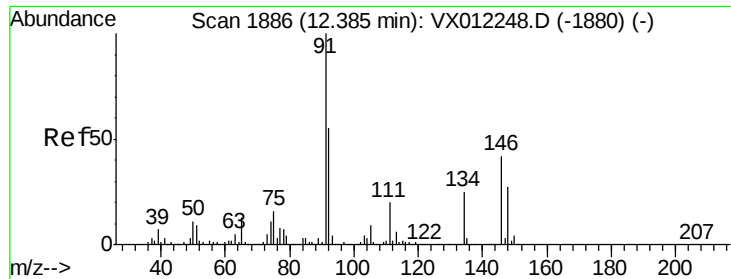
MMDadoda
9/12/2019 8:59:32 AM



#90
Hexachloroethane
Concen: 17.692 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012270.D
Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23316		
201	67.1	32.2	96.6	





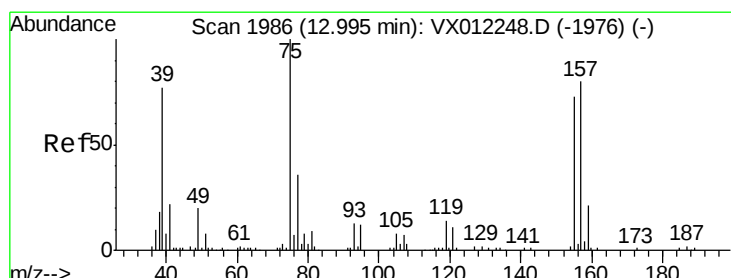
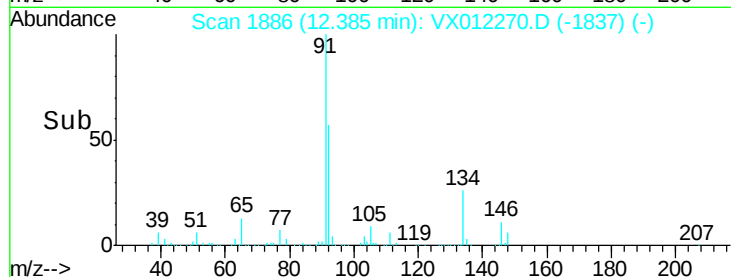
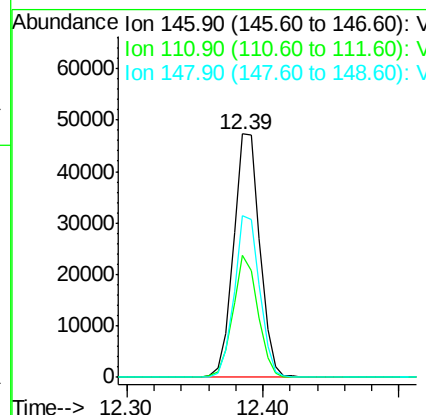
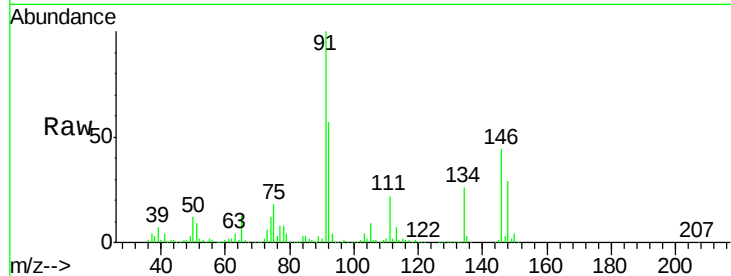
#91
 1,2-Dichlorobenzene
 Concen: 19.547 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.2	69.6
148	64.4	32.4	97.0

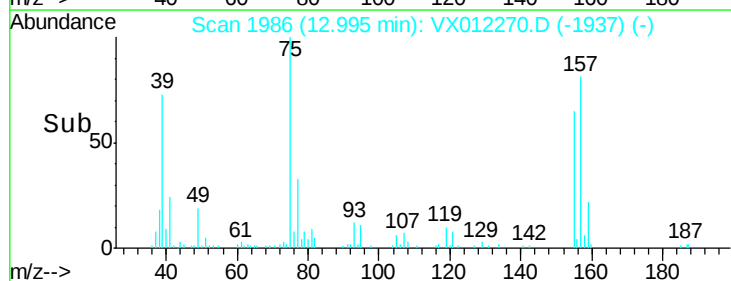
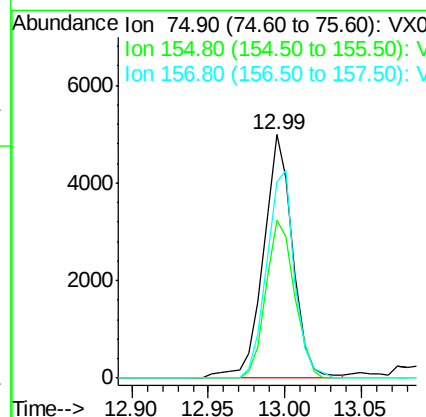
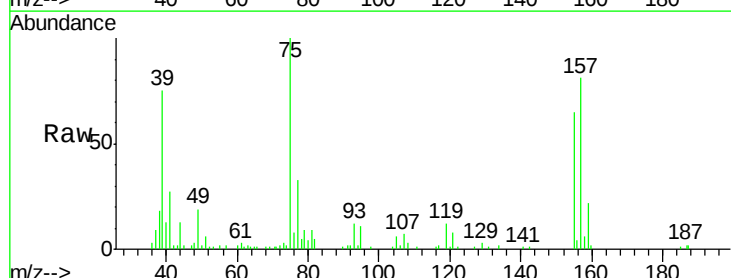
Manual Integrations
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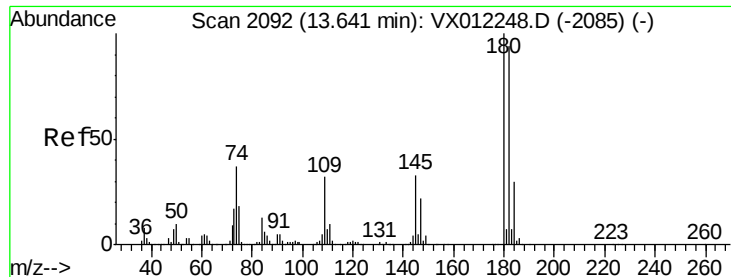
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.479 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.3	35.3	105.7
157	81.1	43.2	129.6





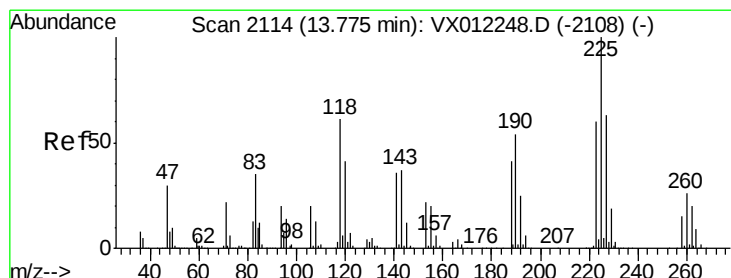
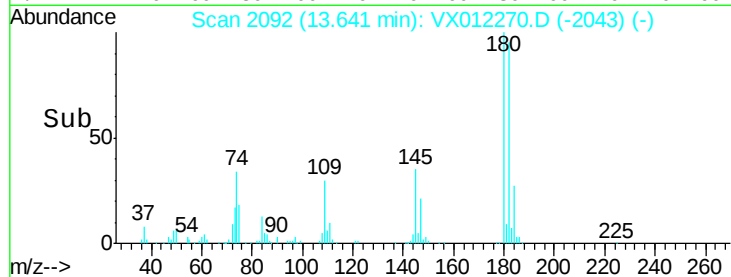
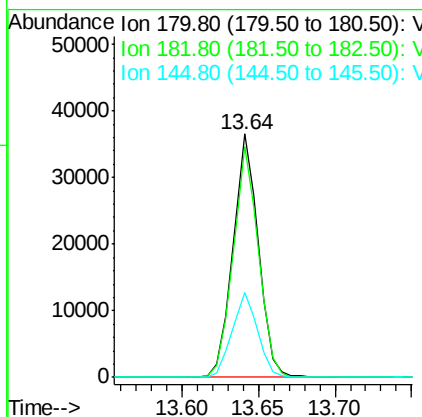
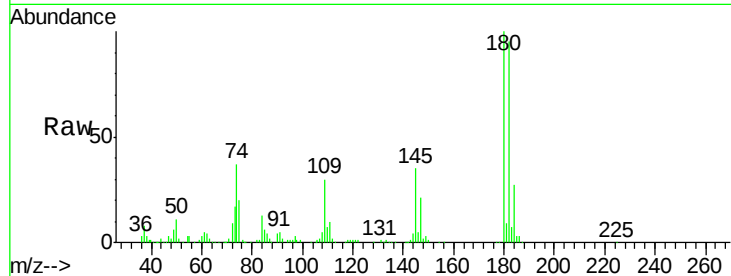
#93
 1,2,4-Trichlorobenzene
 Concen: 18.816 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	41897		
182	95.0	46.9	140.8	
145	35.1	17.1	51.2	

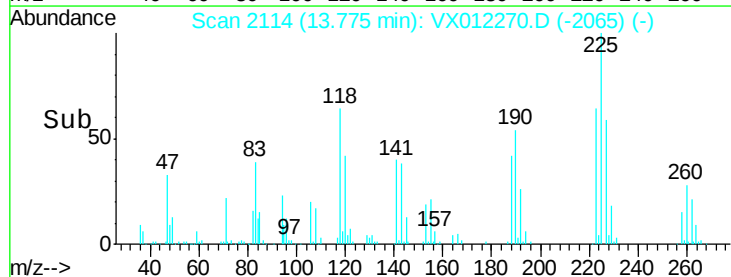
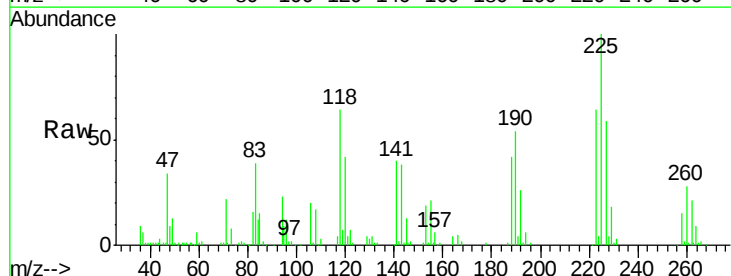
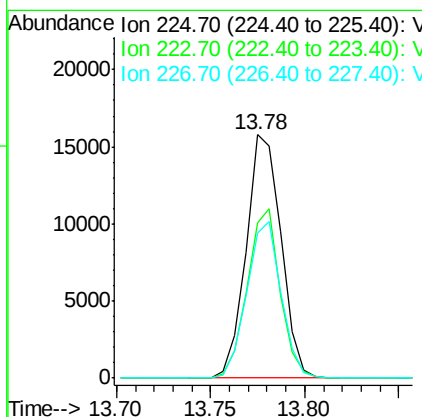
Manual Integrations
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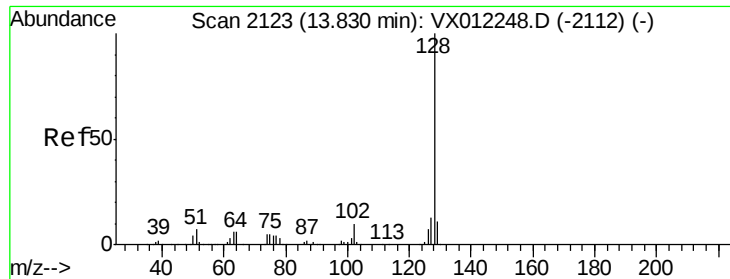
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#94
 Hexachlorobutadiene
 Concen: 18.304 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012270.D
 Acq: 10 Sep 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20276		
223	65.5	32.1	96.5	
227	62.9	32.5	97.5	





#95

Naphthalene

Concen: 19.699 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Instrument :

MSVOA_X

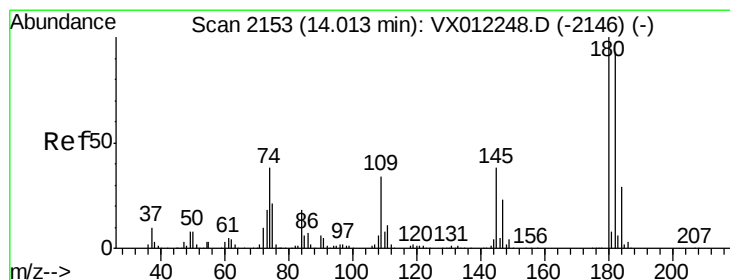
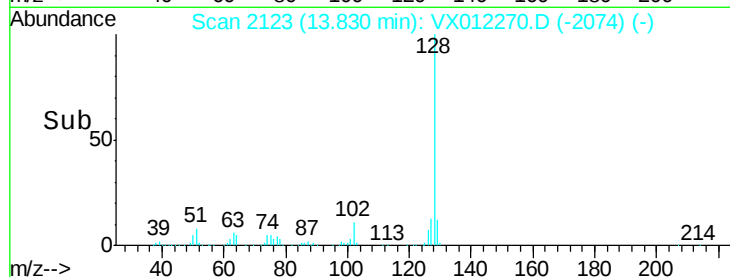
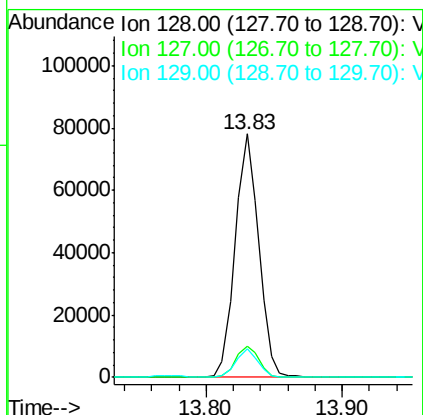
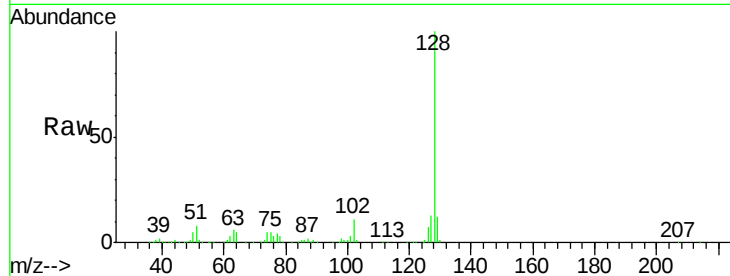
ClientSampleId :

VX0910SBS03

Tot Ion:	128	Resp:	94135
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.1	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.537 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012270.D

Acq: 10 Sep 2019 22:55

Tgt Ion:	180	Resp:	38491
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.0	141.0
145	37.2	18.6	55.8

