

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012557.D
 Acq On : 20 Sep 2019 15:12
 Operator : JC/SP
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:30:01 AM

Quant Time: Sep 21 02:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130338	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.48	113	93892	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	350561	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	139213	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22328	18.760	ug/l	99
3) Chloromethane	1.32	50	20144	20.270	ug/l	98
4) Vinyl Chloride	1.40	62	22230	20.697	ug/l	92
5) Bromomethane	1.63	94	10571	25.051	ug/l	89
6) Chloroethane	1.72	64	16992	20.216	ug/l	92
7) Trichlorofluoromethane	1.92	101	40136	20.384	ug/l	96
8) Diethyl Ether	2.18	74	18278	20.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28864	20.261	ug/l	99
10) Methyl Iodide	2.50	142	21431	20.415	ug/l	98
11) Tert butyl alcohol	3.03	59	62756	91.807	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23865	21.000	ug/l	99
13) Acrolein	2.28	56	19053	82.629	ug/l	99
14) Allyl chloride	2.72	41	54114	20.453	ug/l	99
15) Acrylonitrile	3.13	53	118943	105.950	ug/l	98
16) Acetone	2.44	43	111245	88.846	ug/l	99
17) Carbon Disulfide	2.56	76	27368	18.219	ug/l	95
18) Methyl Acetate	2.76	43	56696	21.002	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129369	20.878	ug/l	97
20) Methylene Chloride	2.84	84	32175	20.521	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	24672	20.906	ug/l	95
22) Diisopropyl ether	3.85	45	130025	20.989	ug/l	93
23) Vinyl Acetate	3.80	43	529802	103.963	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62960	21.241	ug/l	98
25) 2-Butanone	4.66	43	173052	96.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	52847	18.129	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	37041	21.011	ug/l	97
28) Bromochloromethane	5.01	49	29365	19.217	ug/l	98
29) Tetrahydrofuran	5.12	42	102420	103.167	ug/l	98
30) Chloroform	5.20	83	69572	20.438	ug/l	96
31) Cyclohexane	5.58	56	37628	21.030	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	58194	20.454	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37390	20.093	ug/l	97
37) Ethyl Acetate	4.82	43	60666	21.239	ug/l	98
38) Carbon Tetrachloride	5.78	117	44452	19.207	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36562	20.211	ug/l	95
40) Benzene	6.14	78	123464	20.865	ug/l	96
41) Methacrylonitrile	5.03	41	37738	20.518	ug/l	96
42) 1,2-Dichloroethane	6.18	62	56822	20.703	ug/l	100
43) Isopropyl Acetate	6.43	43	104237	20.332	ug/l	99
44) Trichloroethene	7.21	130	33407	21.462	ug/l	97
45) 1,2-Dichloropropane	7.51	63	37854	20.822	ug/l	98
46) Dibromomethane	7.65	93	24584	20.897	ug/l	97
47) Bromodichloromethane	7.89	83	51428	19.633	ug/l	98
48) Methyl methacrylate	7.76	41	47944	19.839	ug/l	99
49) 1,4-Dioxane	7.73	88	23142	393.454	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	348600	103.687	ug/l	100
52) Toluene	8.78	92	80007	20.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51989	19.093	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57493	20.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40534	20.634	ug/l	97
56) Ethyl methacrylate	9.17	69	62255	20.269	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66919	21.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	161182	101.381	ug/l	100
59) 2-Hexanone	9.49	43	263209	100.348	ug/l	99
60) Dibromochloromethane	9.58	129	40198	20.089	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38090	21.230	ug/l	100
64) Tetrachloroethene	9.33	164	31429	25.183	ug/l	96
65) Chlorobenzene	10.14	112	92778	20.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38698	20.743	ug/l	100
67) Ethyl Benzene	10.25	91	162583	21.052	ug/l	100
68) m/p-Xylenes	10.35	106	119197	42.419	ug/l	99
69) o-Xylene	10.70	106	61911	21.424	ug/l	98
70) Styrene	10.71	104	109644	21.444	ug/l	98
71) Bromoform	10.85	173	25799	18.009	ug/l #	96
73) Isopropylbenzene	11.01	105	171519	21.571	ug/l	99
74) N-amyl acetate	10.89	43	89769	20.970	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	65284	20.930	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	62570m	21.494	ug/l	
77) Bromobenzene	11.25	156	43560	22.463	ug/l	97
78) n-propylbenzene	11.35	91	183948	20.756	ug/l	97
79) 2-Chlorotoluene	11.42	91	121318	21.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	144210	21.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17446	18.530	ug/l	89
82) 4-Chlorotoluene	11.51	91	137938	20.846	ug/l	100
83) tert-Butylbenzene	11.77	119	148942	20.497	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	149490	21.470	ug/l	99
85) sec-Butylbenzene	11.94	105	168196	21.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	155747	21.183	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77424	21.225	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76795	20.495	ug/l	98
89) n-Butylbenzene	12.38	91	127359	19.414	ug/l	99
90) Hexachloroethane	12.59	117	26558	19.700	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	79642	20.889	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16608	20.538	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50358	20.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	22469	19.412	ug/l	94
95) Naphthalene	13.83	128	188472	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53484	21.372	ug/l	99

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

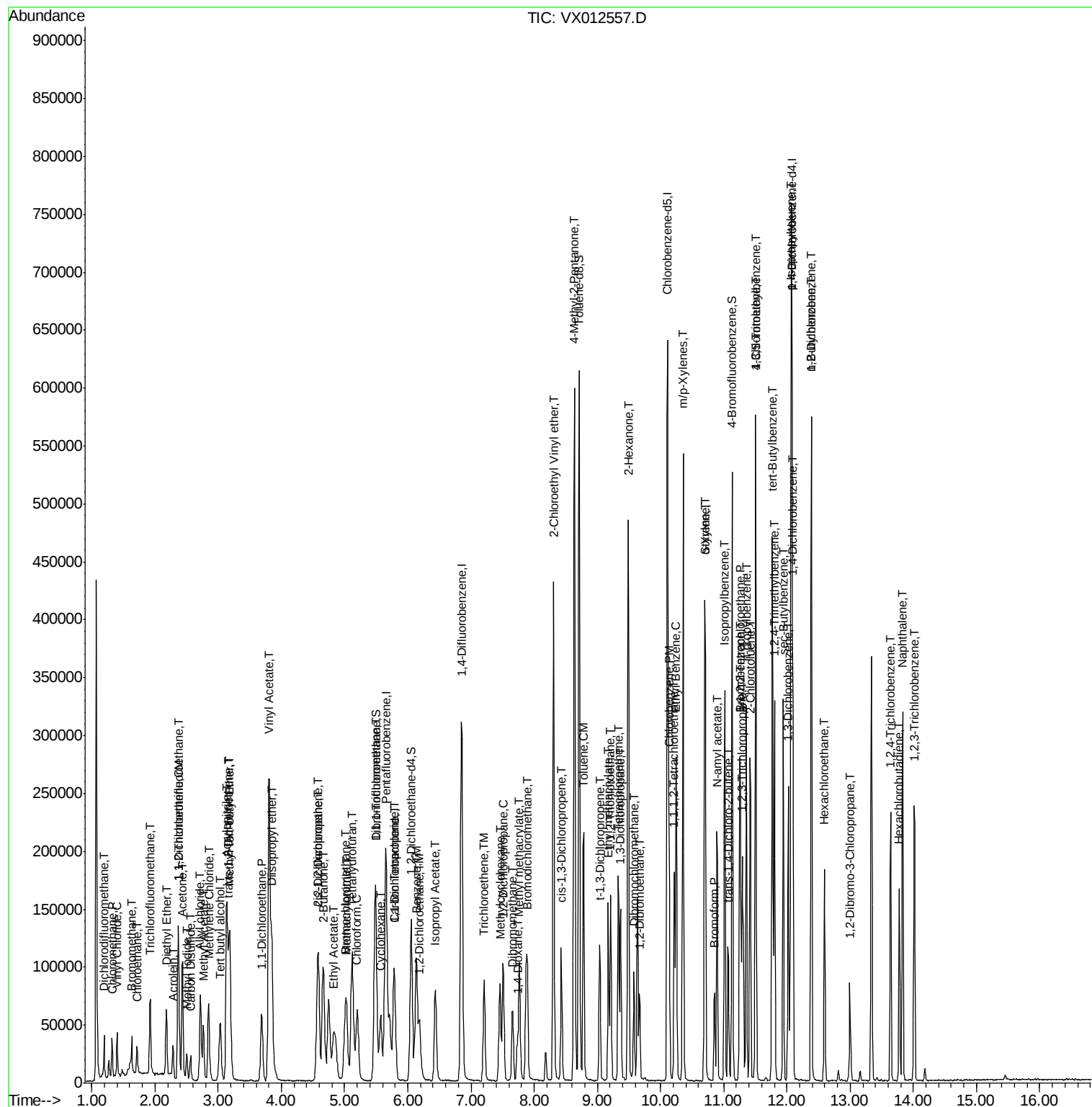
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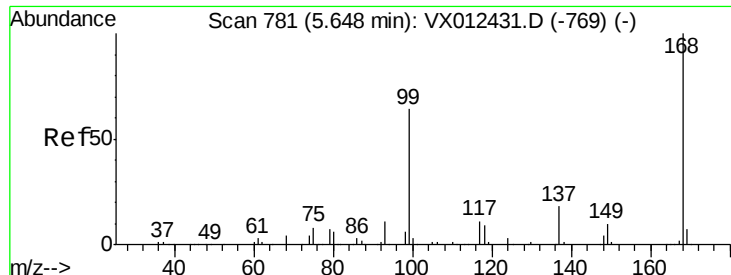
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion:168 Resp: 180761

Ion Ratio Lower Upper

168 100

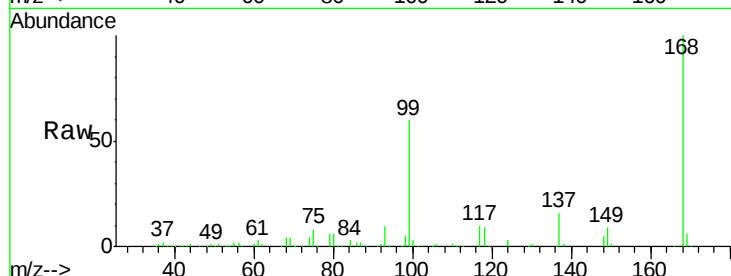
99 60.3 51.4 77.2

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

5.65

60000

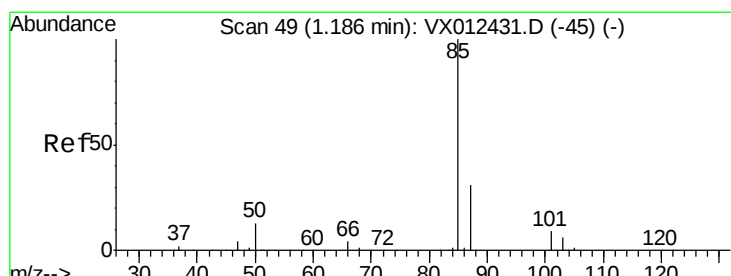
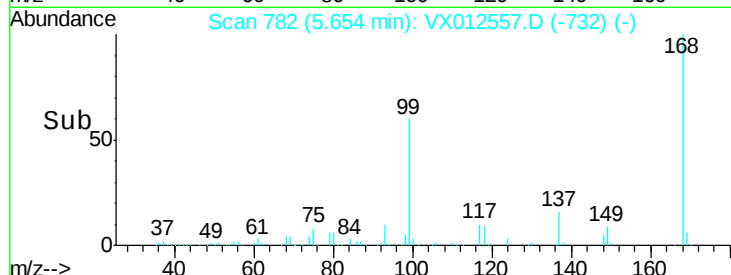
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.760 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012557.D

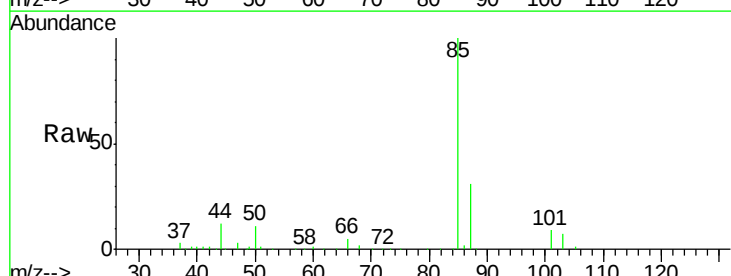
Acq: 20 Sep 2019 15:12

Tgt Ion: 85 Resp: 22328

Ion Ratio Lower Upper

85 100

87 30.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

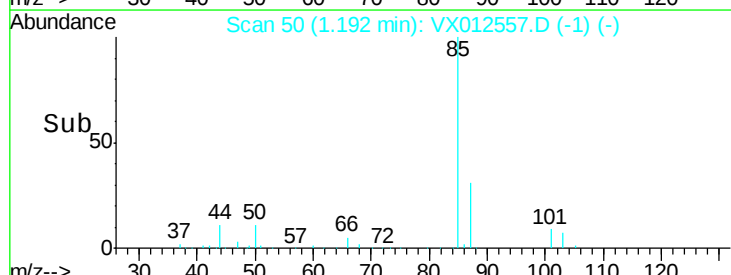
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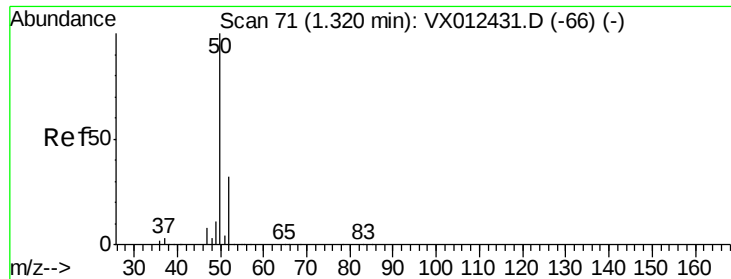
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.270 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 50 Resp: 20144

Ion Ratio Lower Upper

50 100

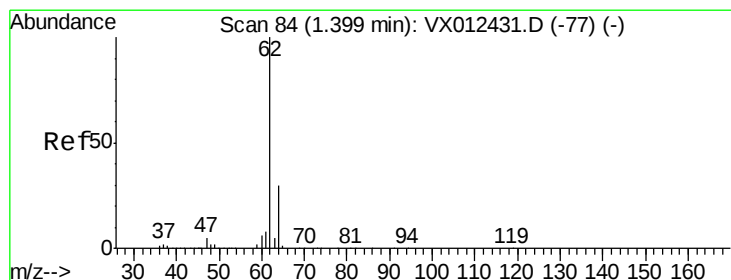
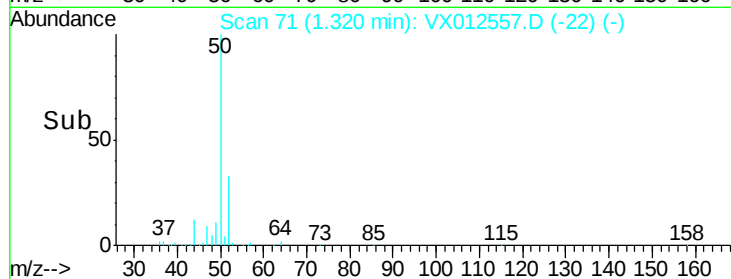
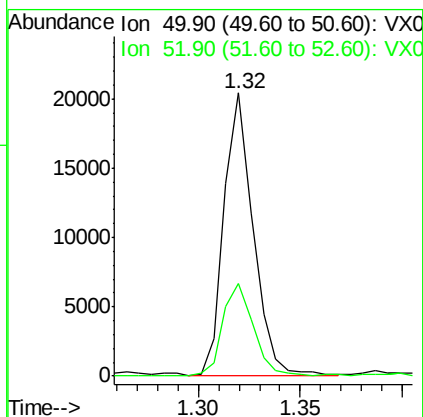
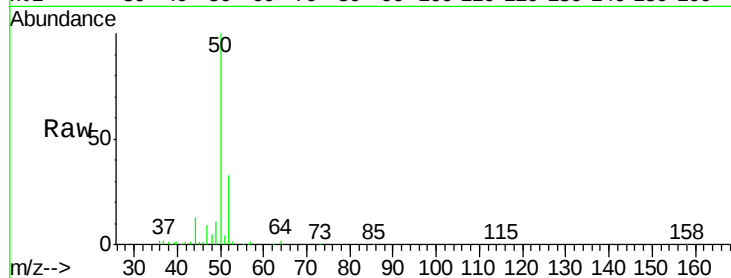
52 33.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.697 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012557.D

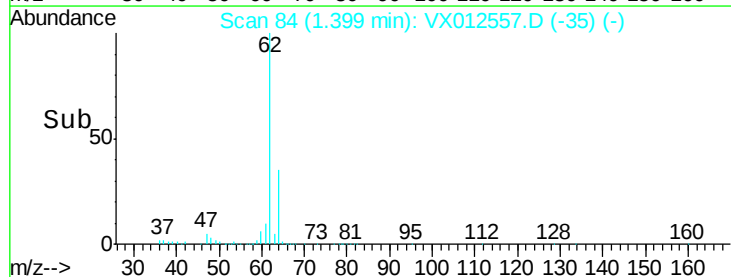
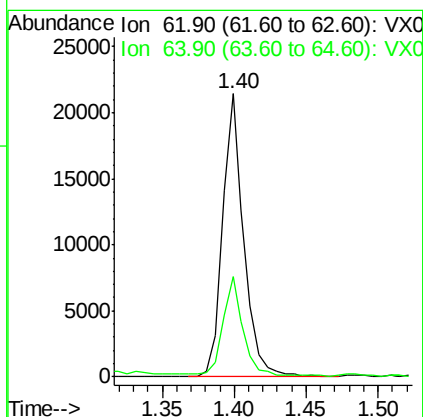
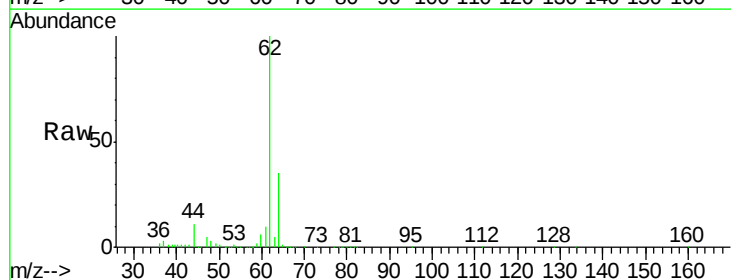
Acq: 20 Sep 2019 15:12

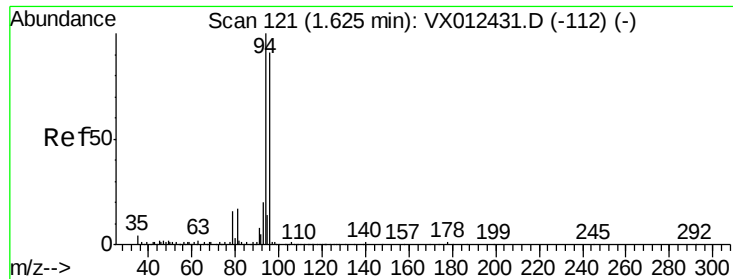
Tgt Ion: 62 Resp: 22230

Ion Ratio Lower Upper

62 100

64 34.6 24.2 36.2





#5

Bromomethane

Concen: 25.051 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

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ClientSampleId :

VX0920WBSD01

Tot Ion: 94 Resp: 10571

Ion Ratio Lower Upper

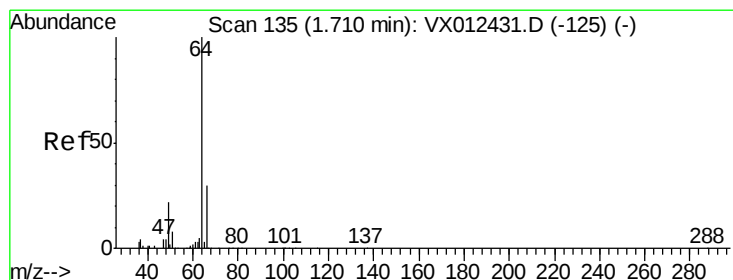
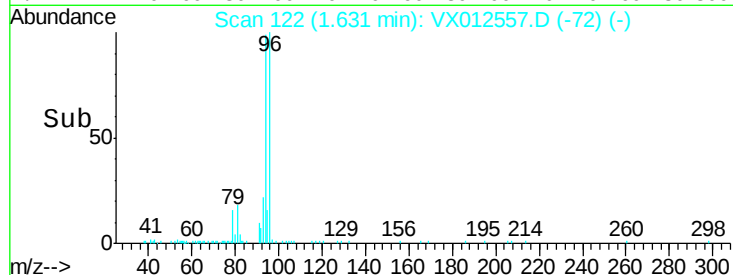
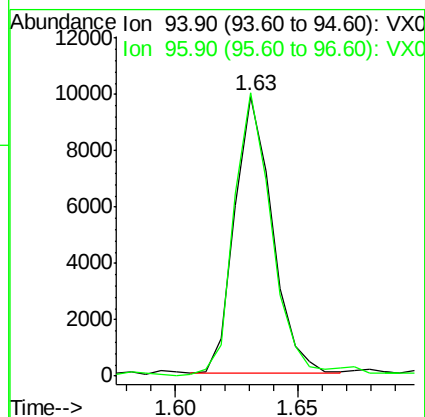
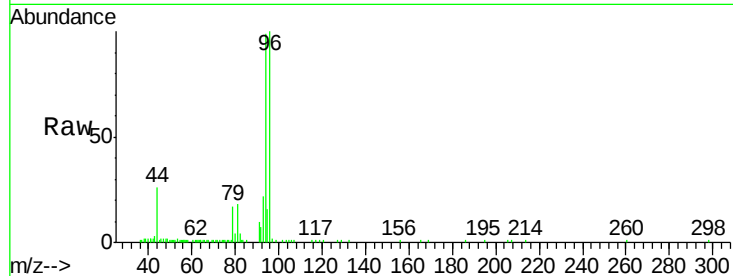
94 100

96 101.5 72.8 109.2

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#6

Chloroethane

Concen: 20.216 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012557.D

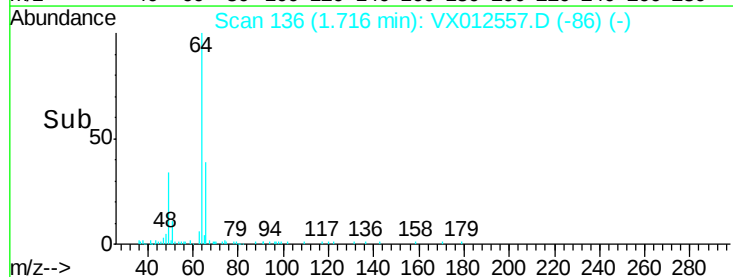
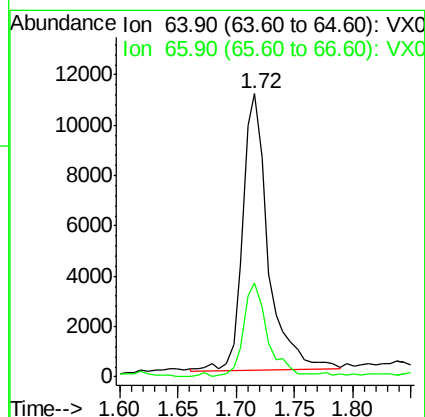
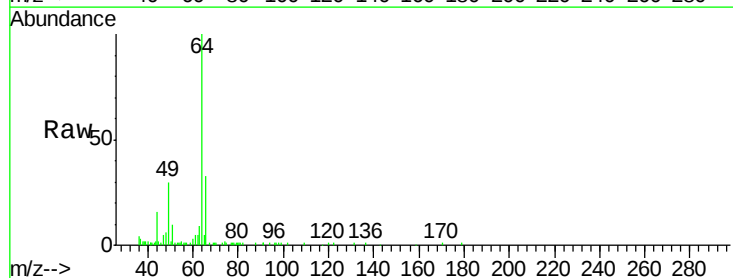
Acq: 20 Sep 2019 15:12

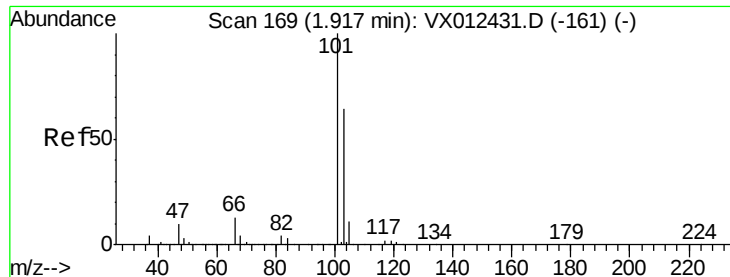
Tgt Ion: 64 Resp: 16992

Ion Ratio Lower Upper

64 100

66 34.3 24.0 36.0





#7

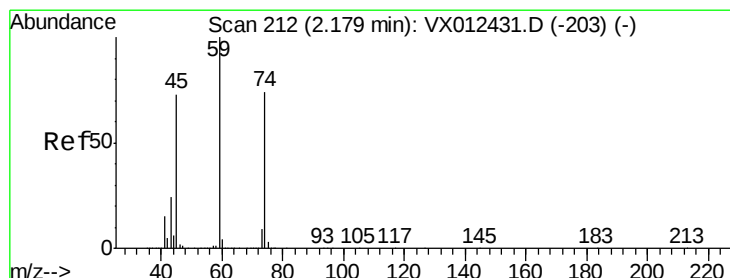
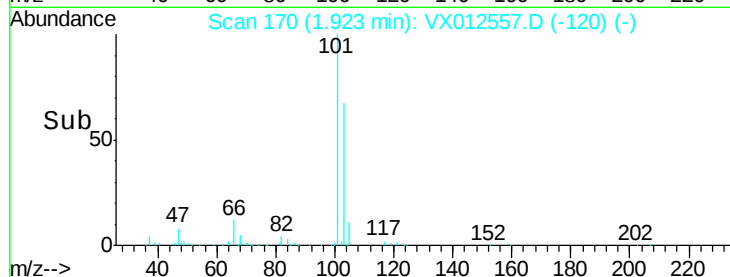
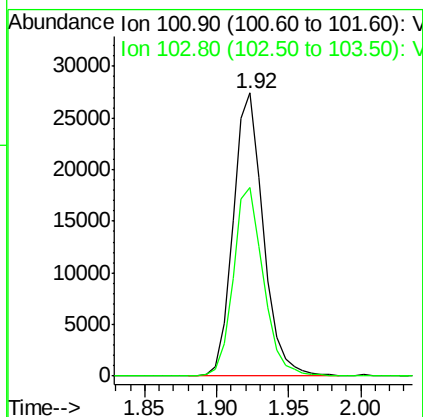
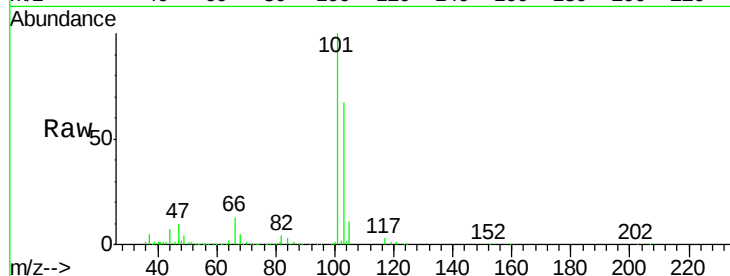
Trichlorofluoromethane
 Concen: 20.384 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.0	76.4

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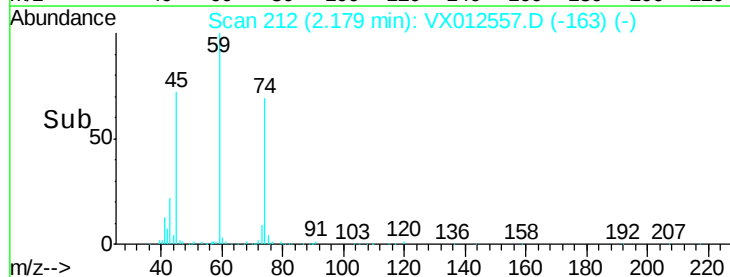
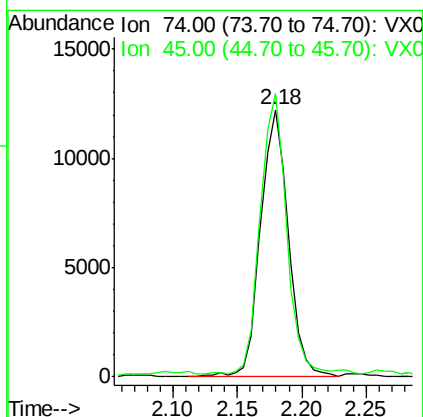
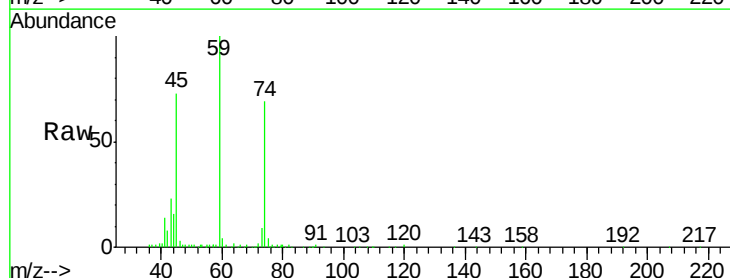
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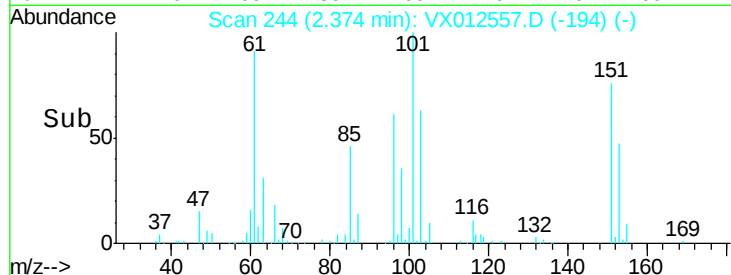
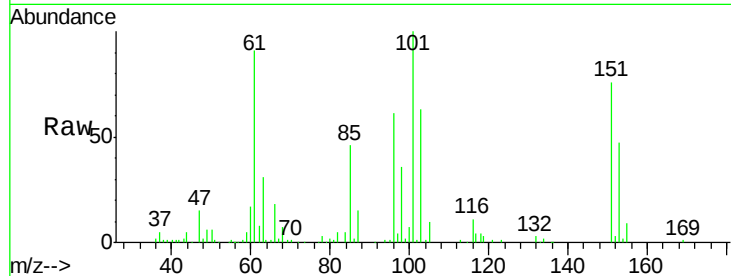
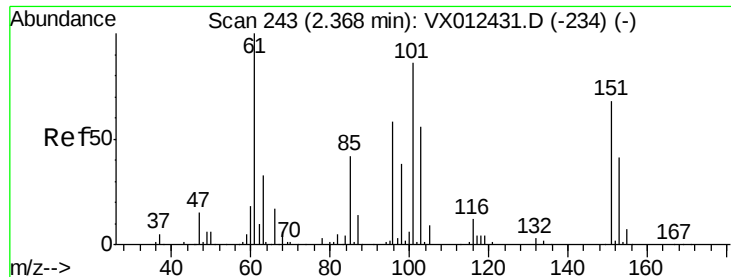


#8

Diethyl Ether
 Concen: 20.552 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.9	149.7





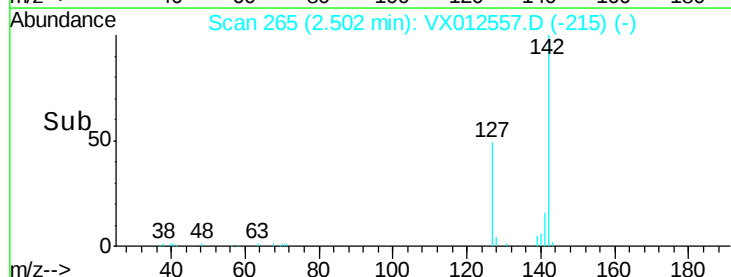
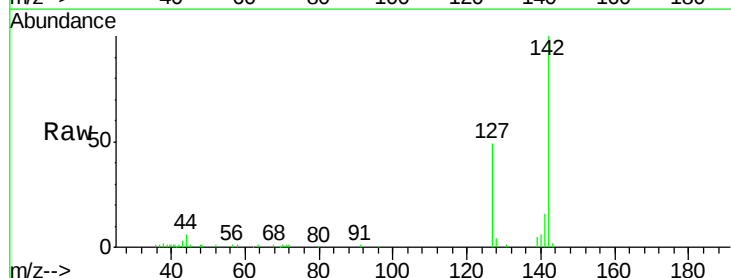
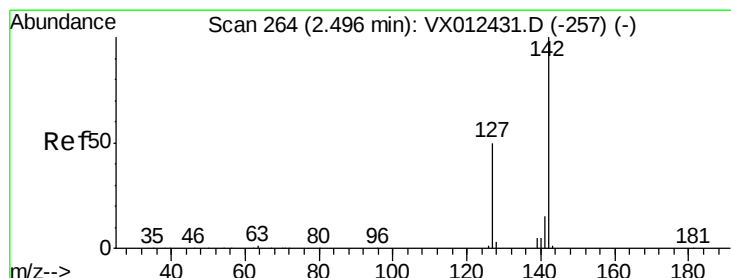
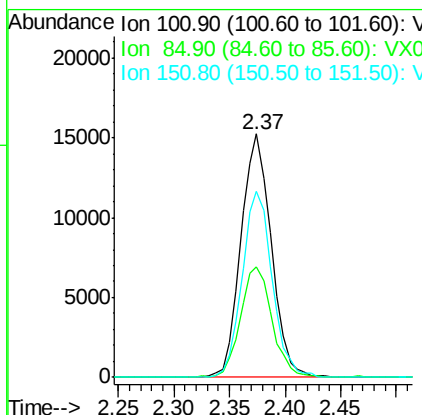
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.261 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	28864		
85	47.3		37.3	55.9
151	75.7		61.0	91.4

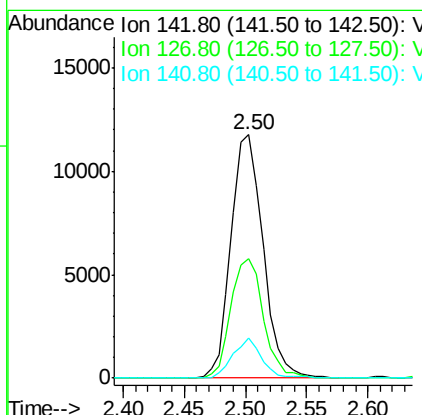
Manual Integrations
APPROVED

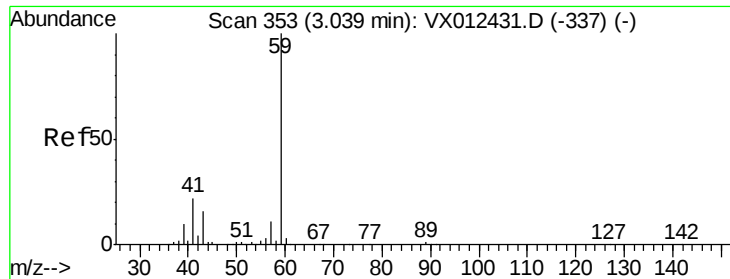
MMDadoda
9/23/2019 11:30:01 AM



#10
Methyl Iodide
Concen: 20.415 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21431		
127	49.3		40.8	61.2
141	14.6		12.1	18.1





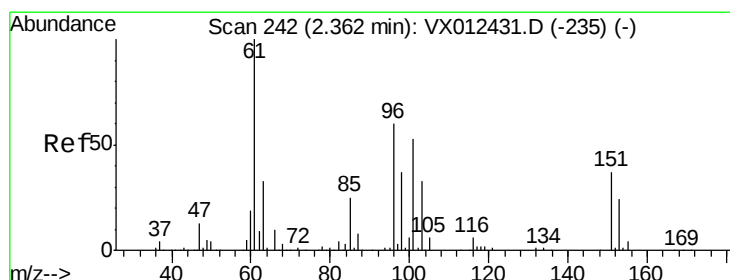
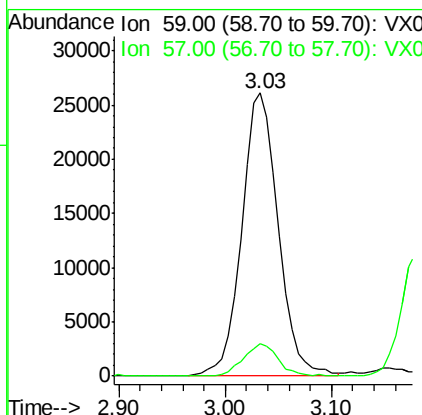
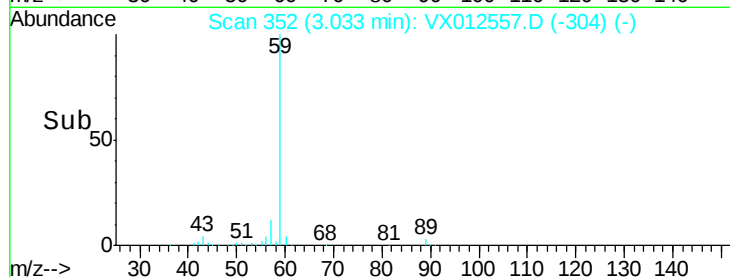
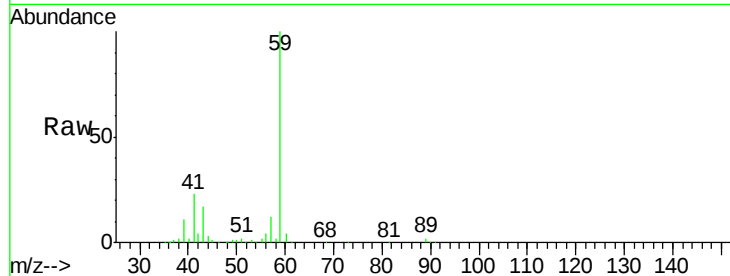
#11
Tert butyl alcohol
Concen: 91.807 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

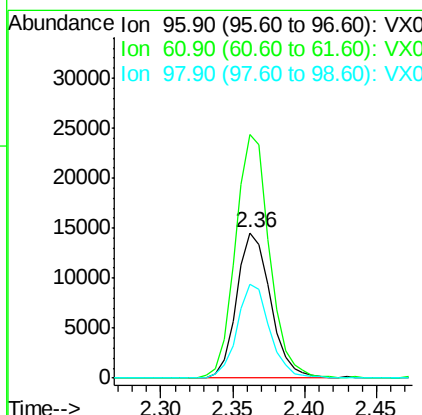
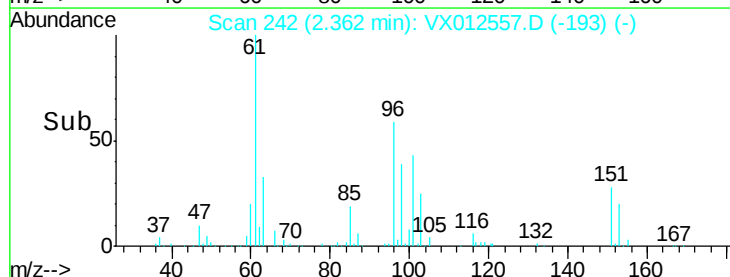
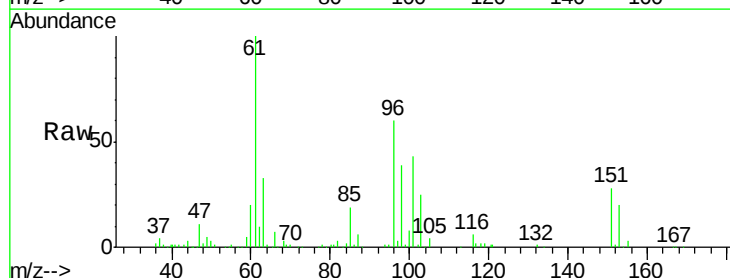
Manual Integrations
APPROVED

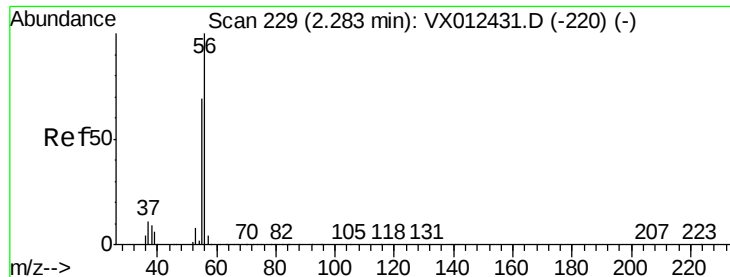
MMDadoda
9/23/2019 11:30:01 AM



#12
1,1-Dichloroethene
Concen: 21.000 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	133.8	200.6
98	64.7	49.9	74.9





#13

Acrolein

Concen: 82.629 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 56 Resp: 19053

Ion Ratio Lower Upper

56 100

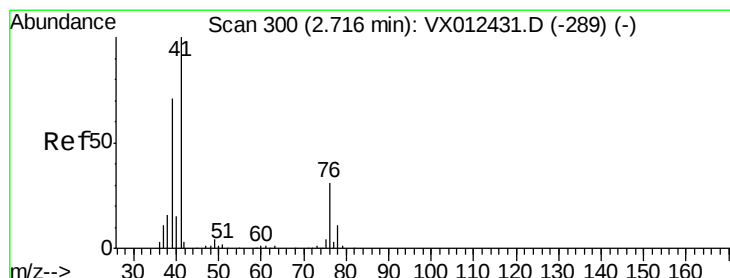
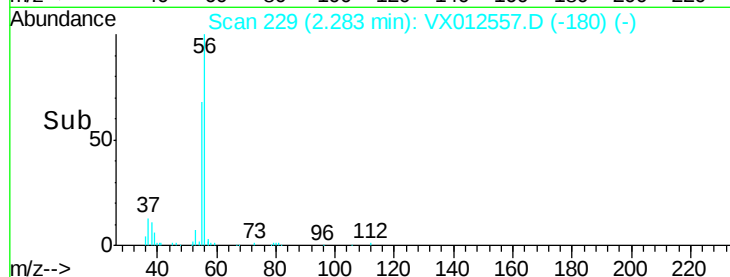
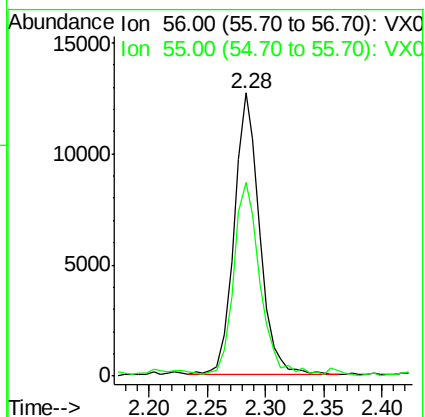
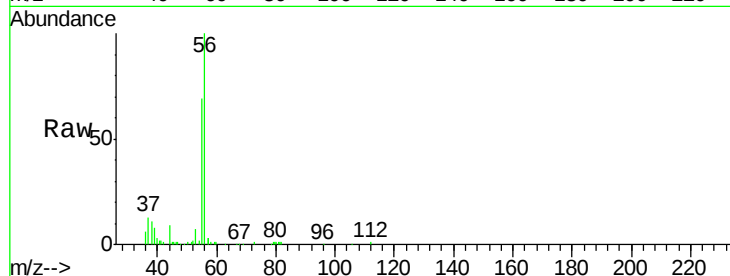
55 70.6 55.8 83.8

Manual Integrations

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MMDadoda

9/23/2019 11:30:01 AM



#14

Allyl chloride

Concen: 20.453 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

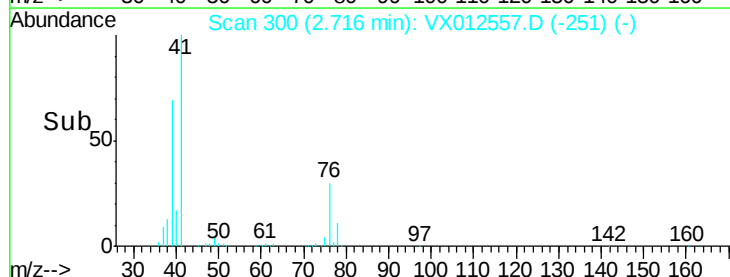
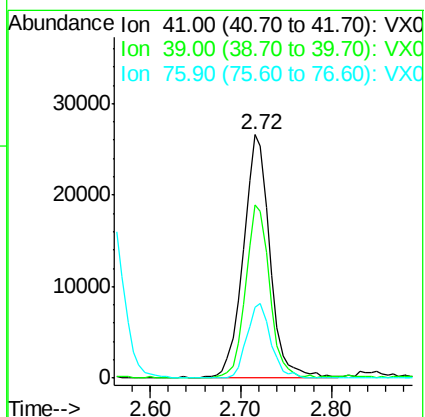
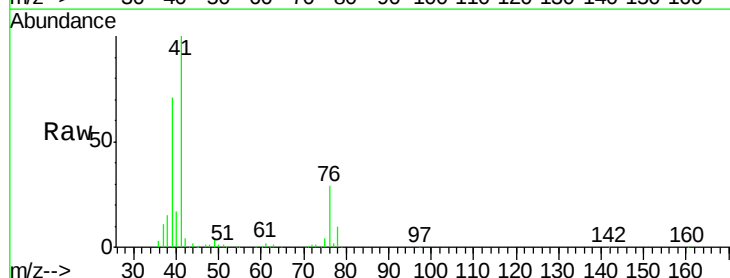
Tgt Ion: 41 Resp: 54114

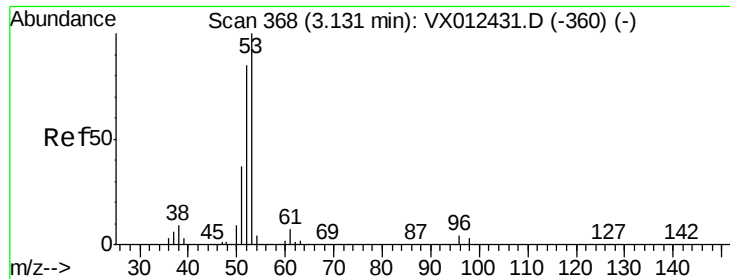
Ion Ratio Lower Upper

41 100

39 63.4 51.3 76.9

76 27.5 22.6 33.8





#15

Acrylonitrile

Concen: 105.950 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

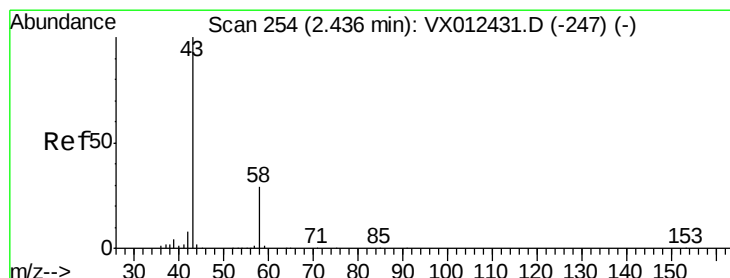
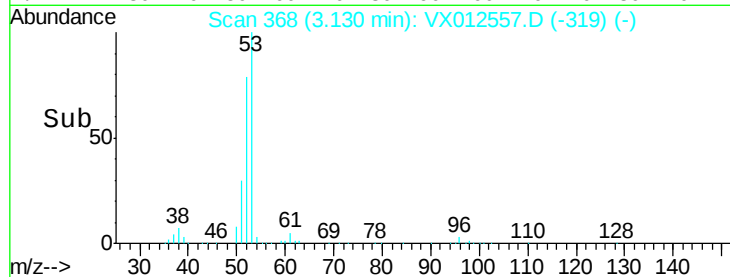
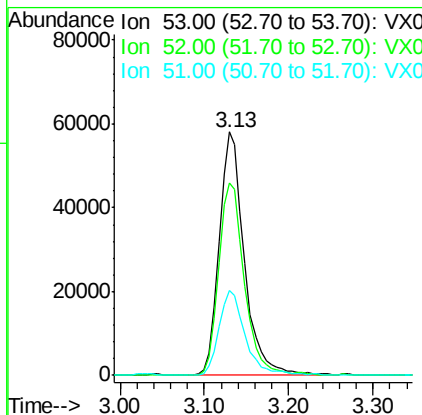
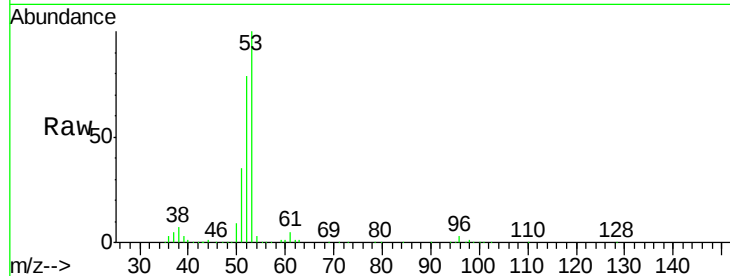
ClientSampleId :

VX0920WBSD01

Tot Ion:	53	Resp:	118943
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.0	100.4
51	36.6	29.6	44.4

Manual Integrations
APPROVED

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#16

Acetone

Concen: 88.846 ug/l

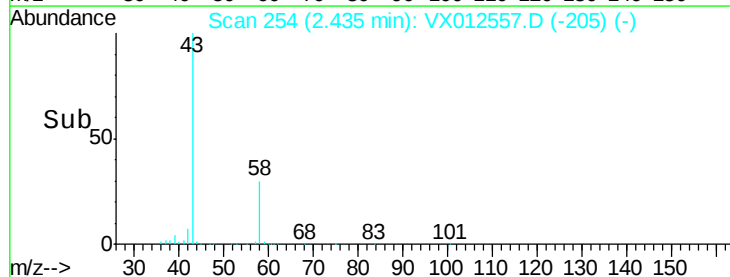
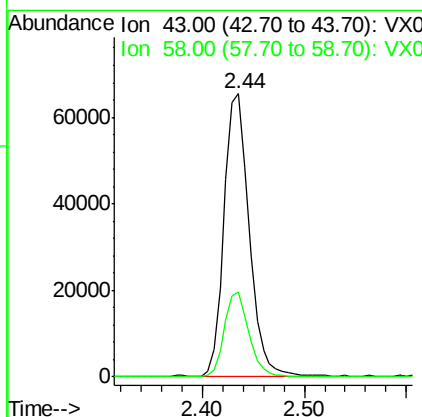
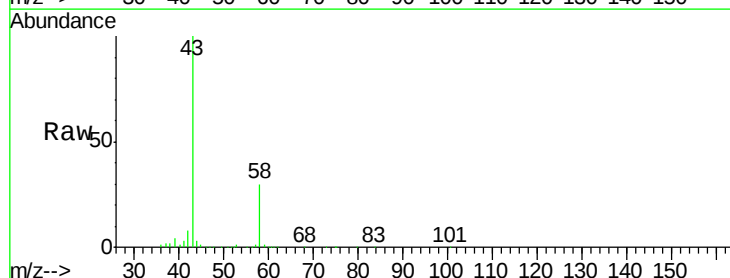
RT: 2.44 min Scan# 254

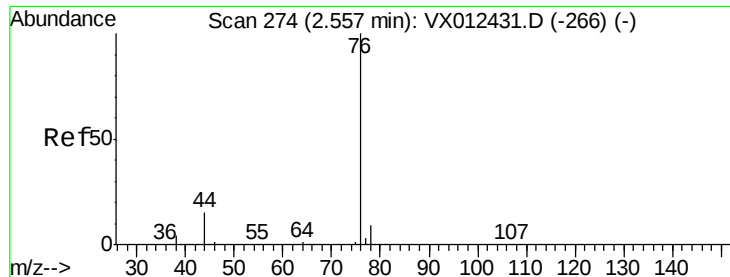
Delta R.T. 0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion:	43	Resp:	111245
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.3	34.9





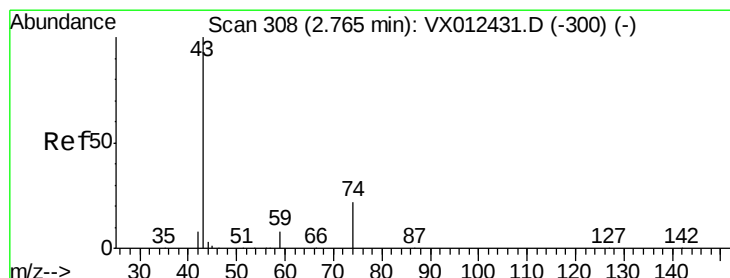
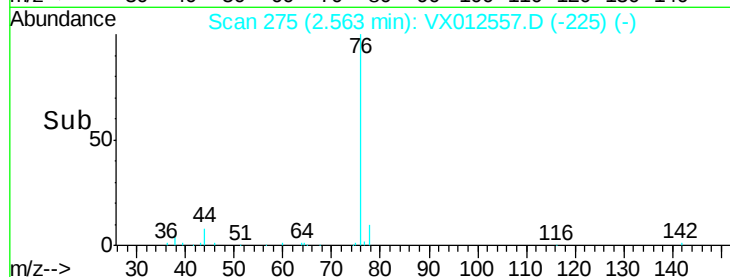
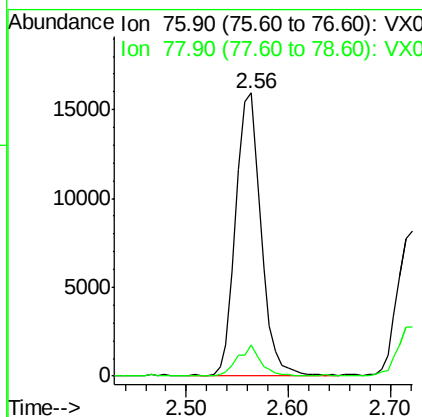
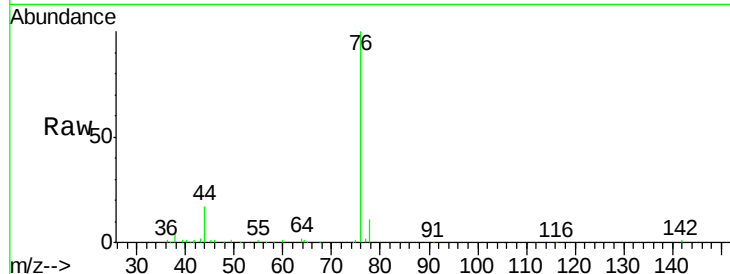
#17
Carbon Disulfide
Concen: 18.219 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.3	10.9

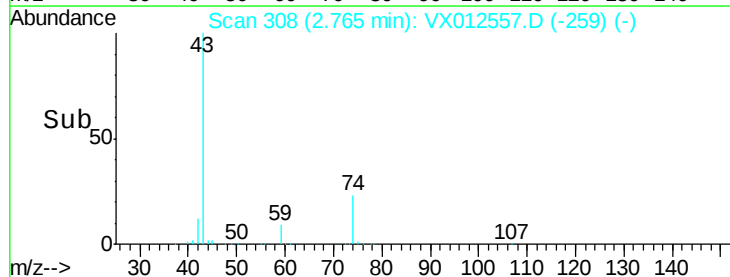
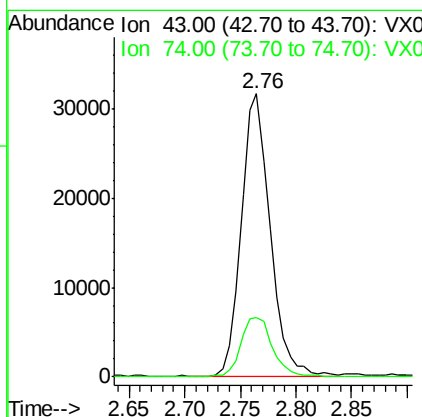
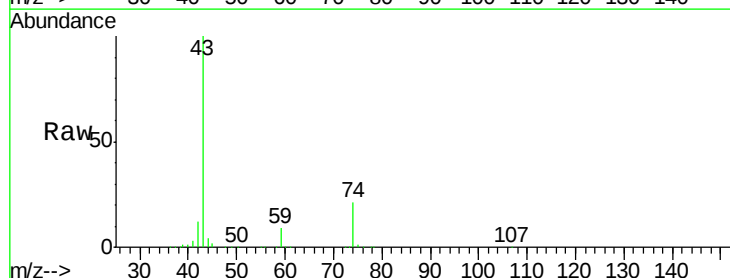
Manual Integrations
APPROVED

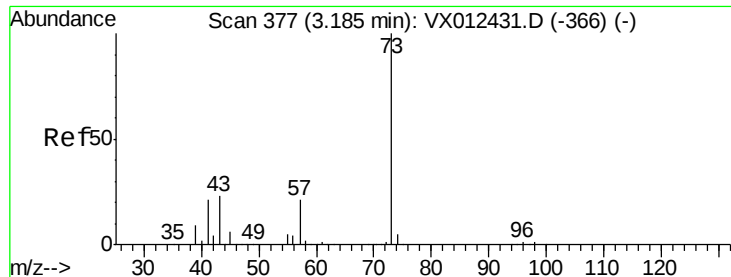
MMDadoda
9/23/2019 11:30:01 AM



#18
Methyl Acetate
Concen: 21.002 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5





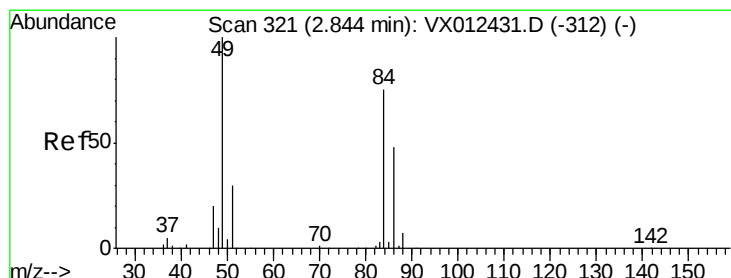
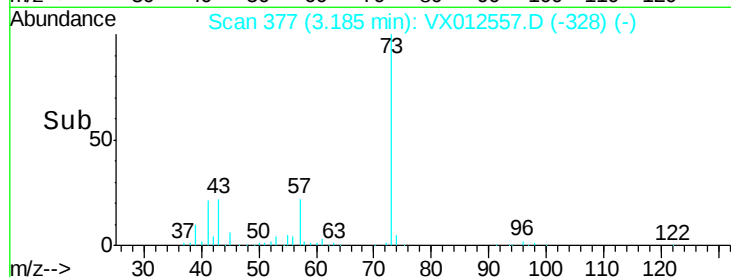
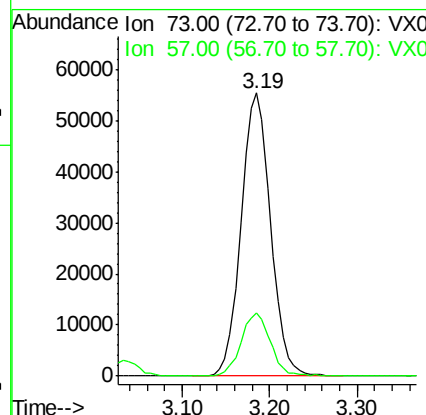
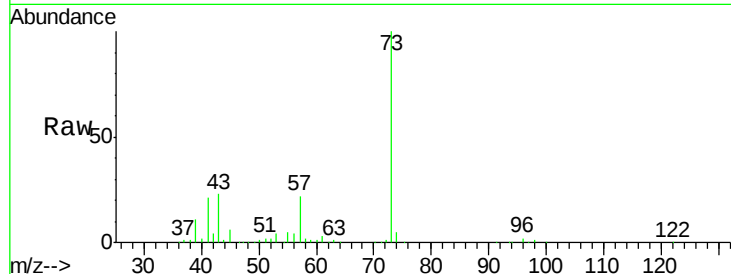
#19
Methvl tert-butvl Ether
Concen: 20.878 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2

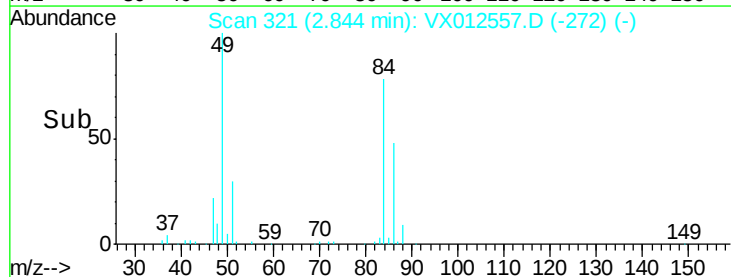
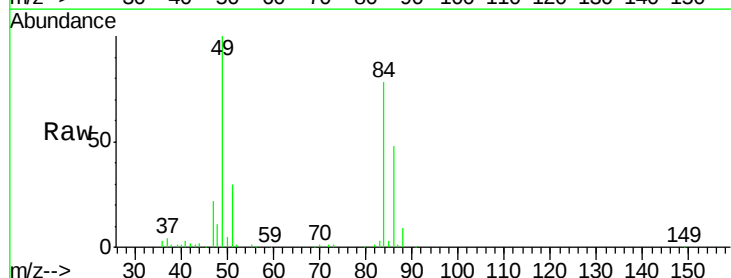
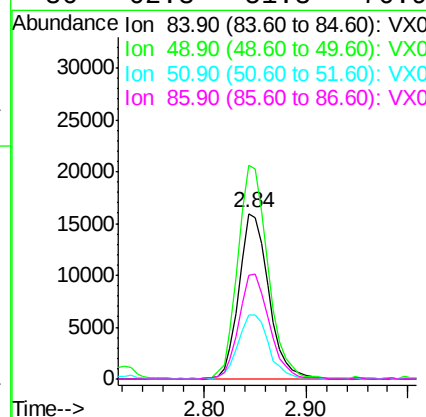
Manual Integrations
APPROVED

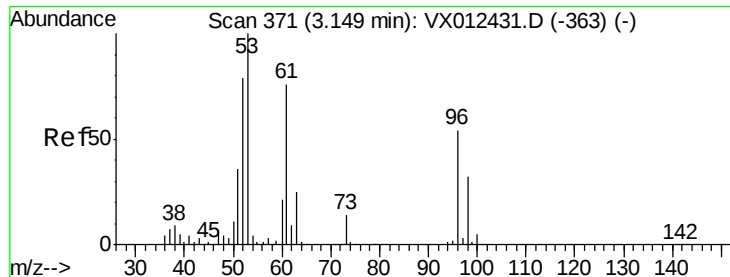
MMDadoda
9/23/2019 11:30:01 AM



#20
Methylene Chloride
Concen: 20.521 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	106.8	160.2
51	38.0	32.3	48.5
86	62.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 20.906 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 96 Resp: 24672

Ion Ratio Lower Upper

96 100

61 131.4 112.0 168.0

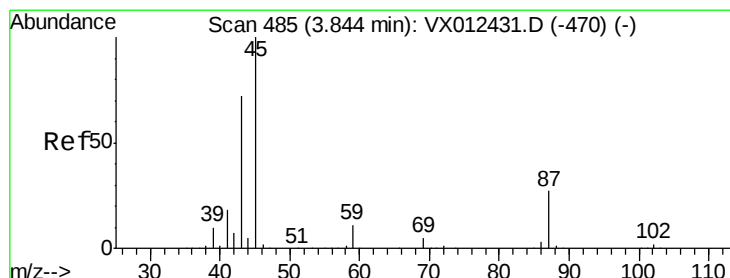
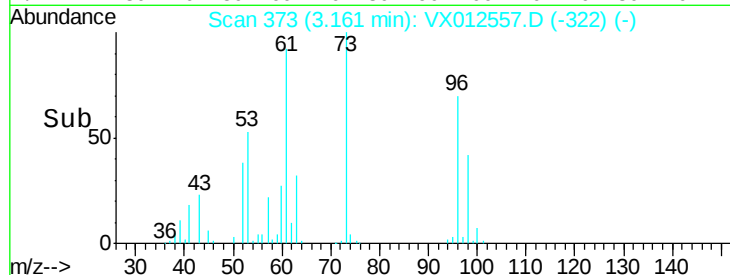
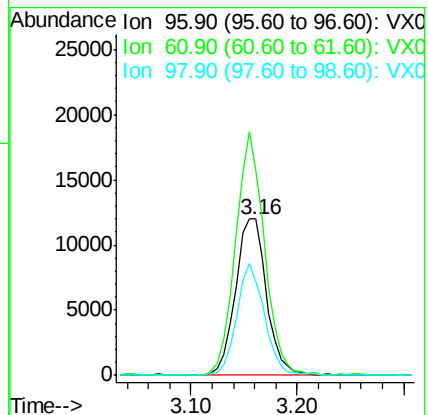
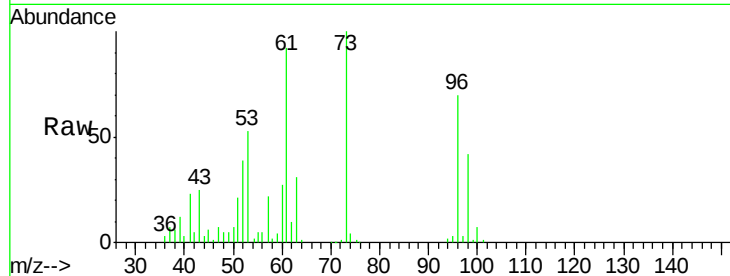
98 59.7 47.8 71.8

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 20.989 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion: 45 Resp: 130025

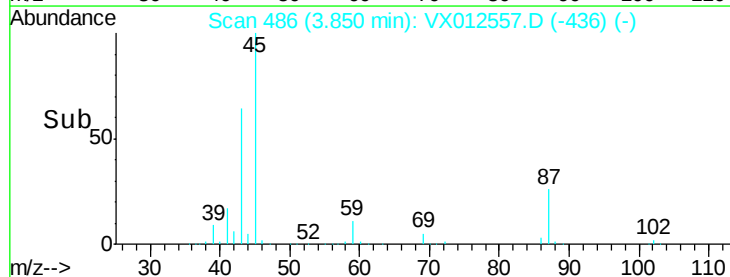
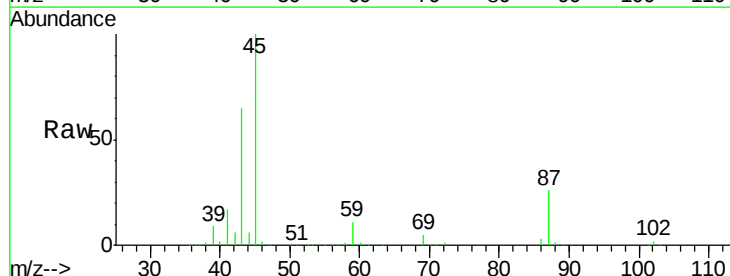
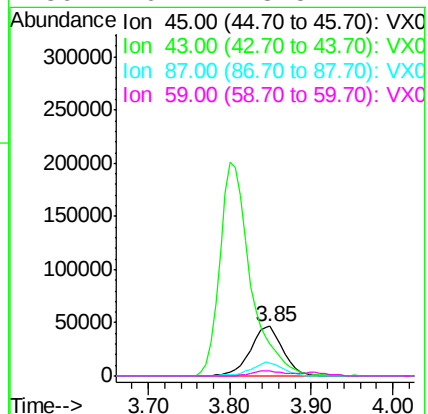
Ion Ratio Lower Upper

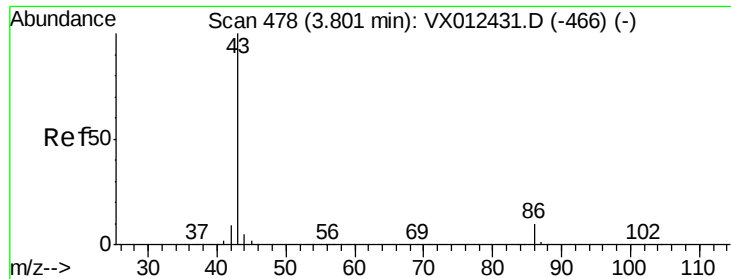
45 100

43 64.1 57.8 86.8

87 26.1 21.3 31.9

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 103.963 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 43 Resp: 529802

Ion Ratio Lower Upper

43 100

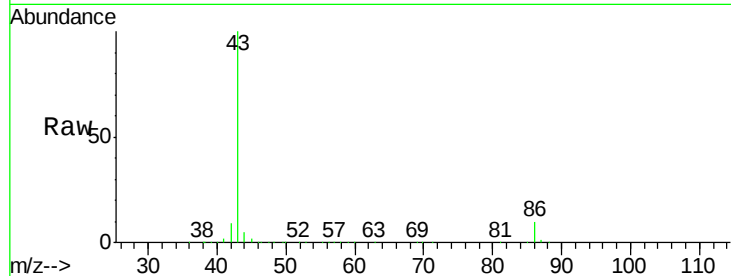
86 10.1 7.8 11.8

Manual Integrations

APPROVED

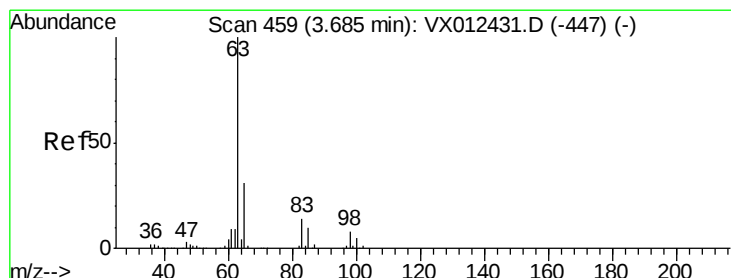
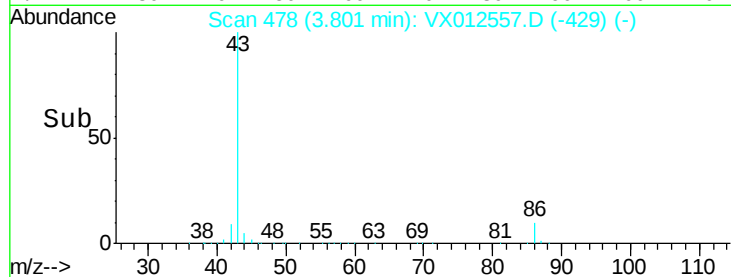
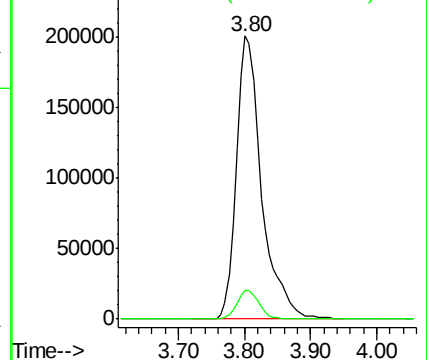
MMDadoda

9/23/2019 11:30:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.241 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

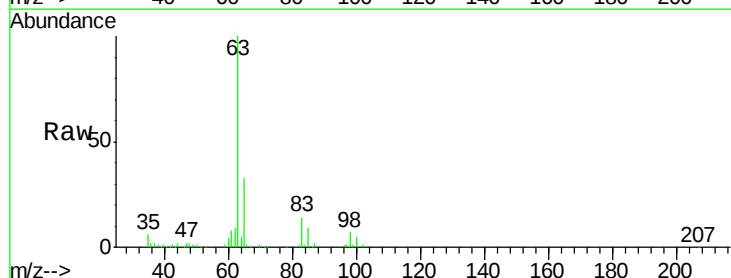
Tgt Ion: 63 Resp: 62960

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

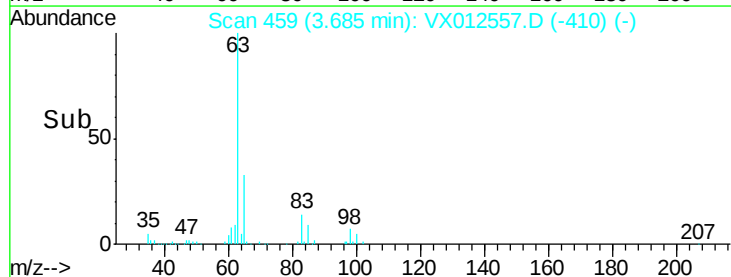
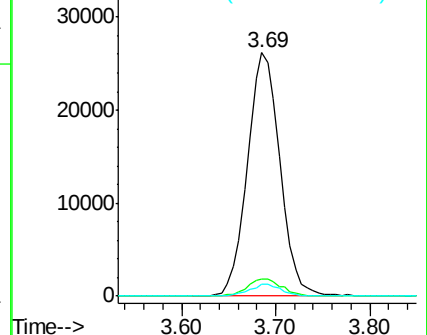
100 4.9 2.3 6.9

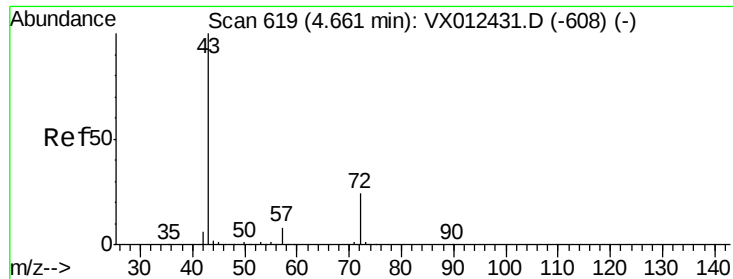


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.298 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0920WBSD01

Tot Ion: 43 Resp: 173052

Ion Ratio Lower Upper

43 100

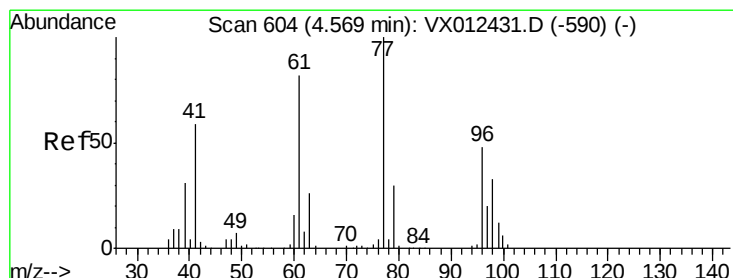
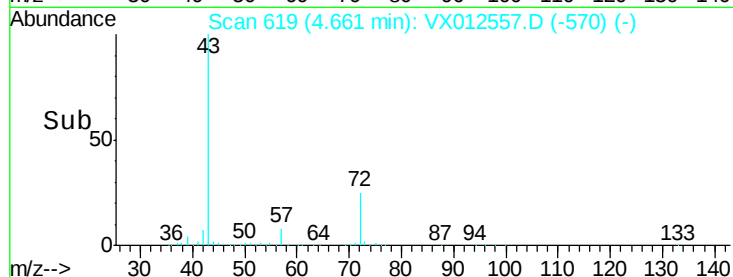
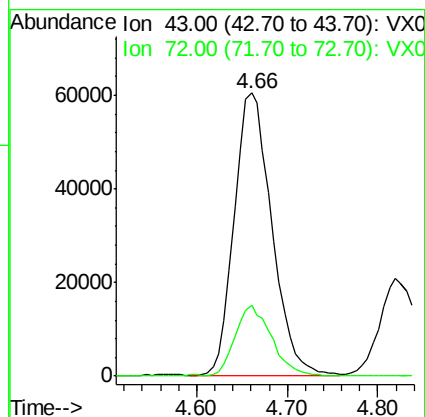
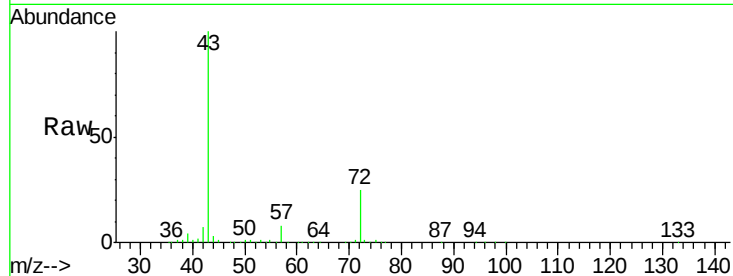
72 24.8 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 18.129 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012557.D

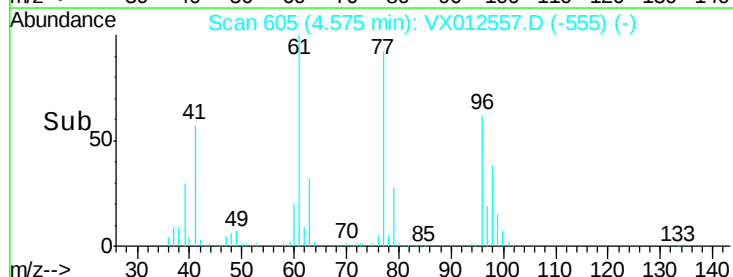
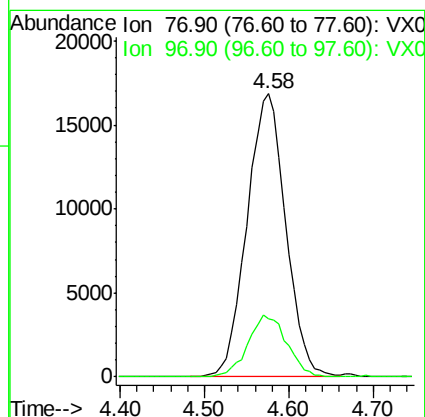
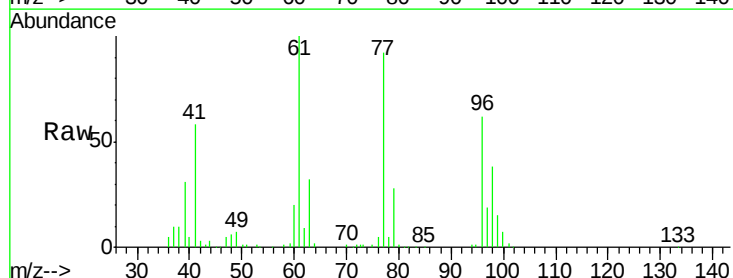
Acq: 20 Sep 2019 15:12

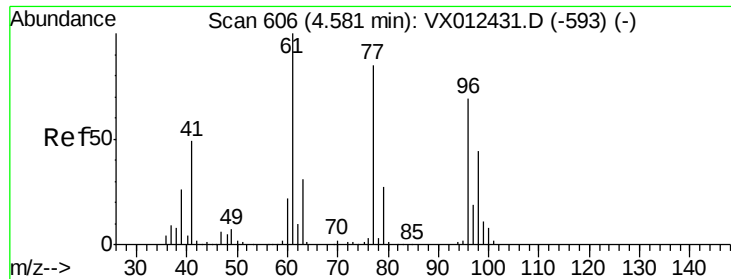
Tgt Ion: 77 Resp: 52847

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6





#27

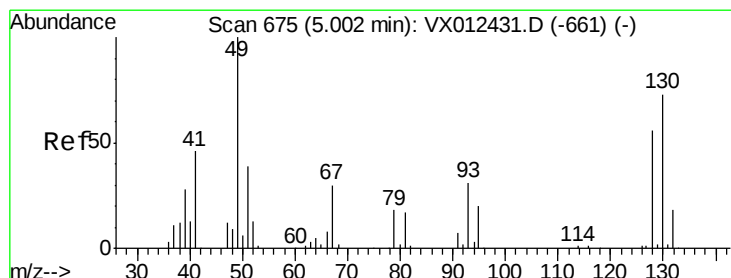
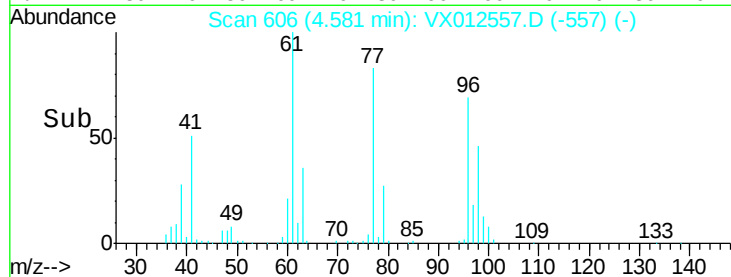
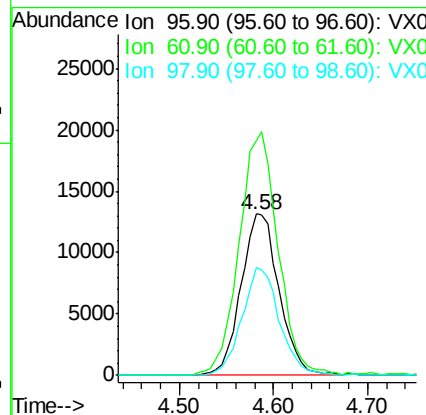
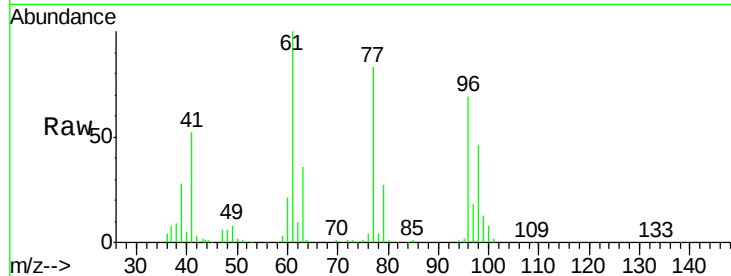
cis-1,2-Dichloroethene
 Concen: 21.011 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	319.4
98	66.3	0.0	130.6

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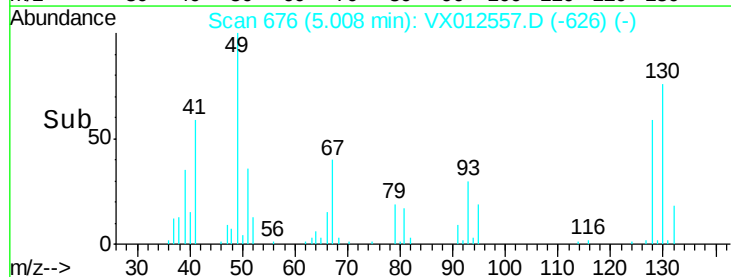
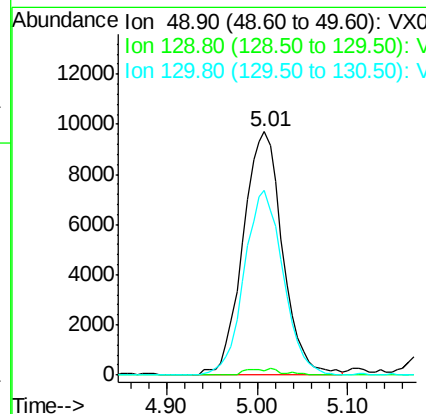
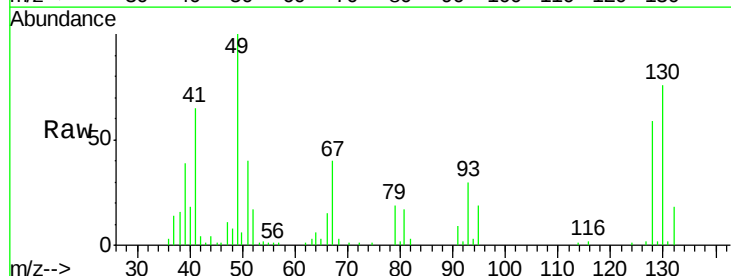
MMDadoda
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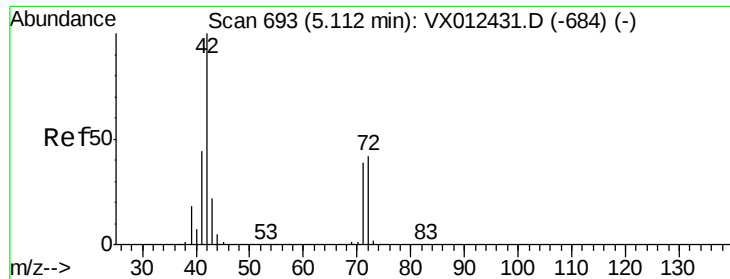


#28

Bromochloromethane
 Concen: 19.217 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	74.7	58.2	87.4





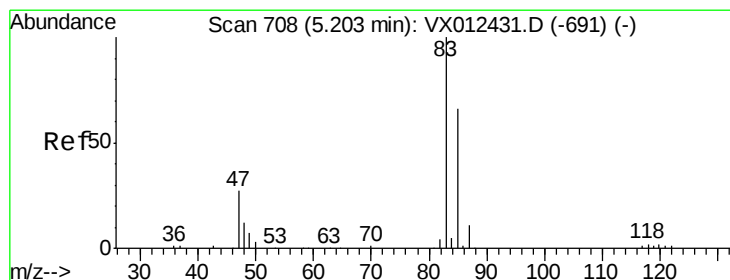
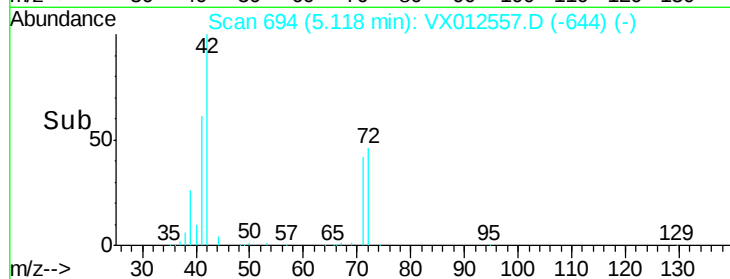
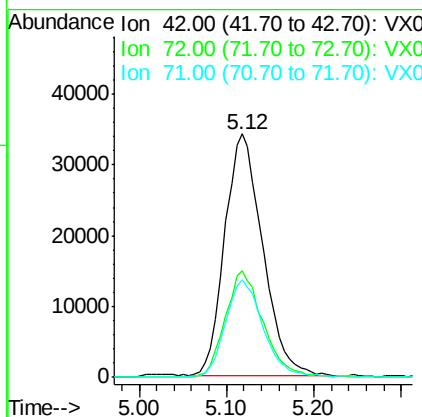
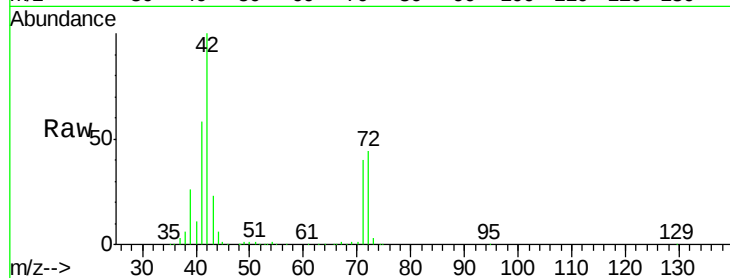
#29
Tetrahydrofuran
Concen: 103.167 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.0	51.0
71	40.2	31.5	47.3

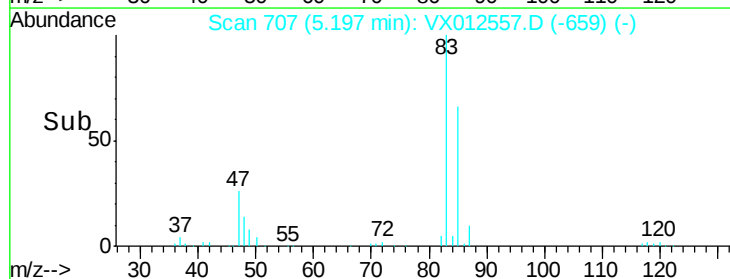
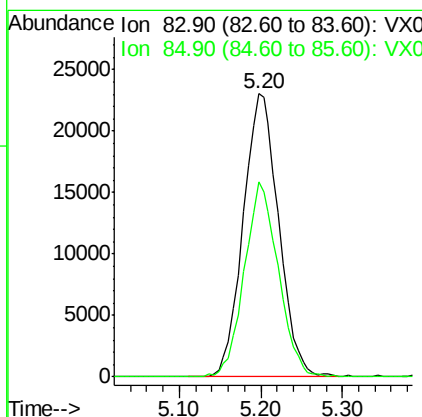
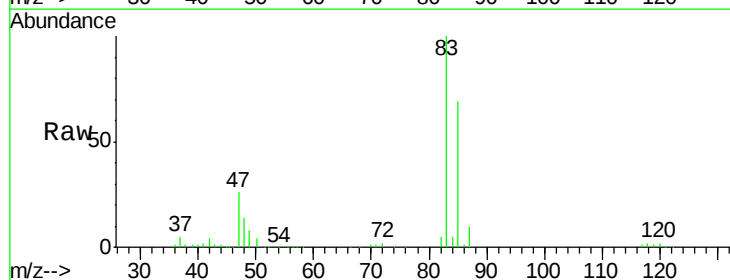
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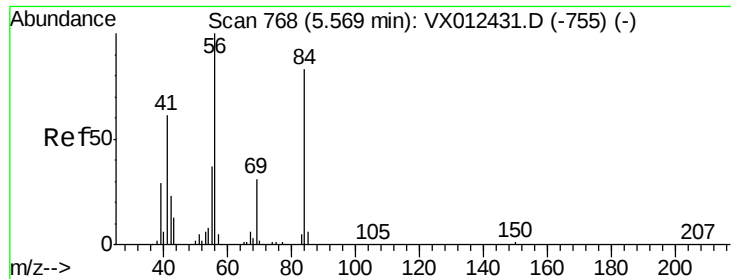
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#30
Chloroform
Concen: 20.438 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.0	53.0	79.4





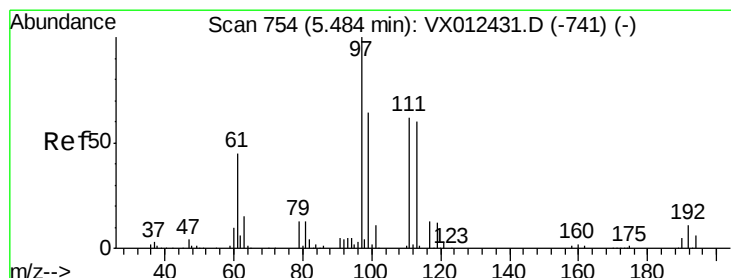
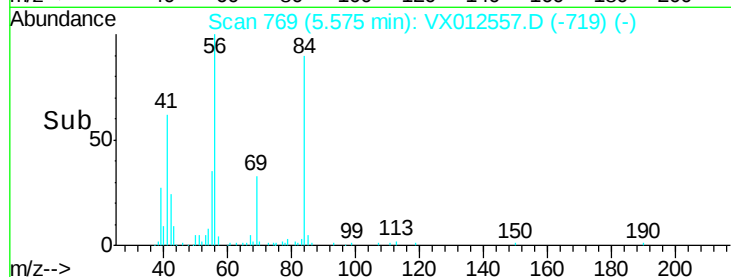
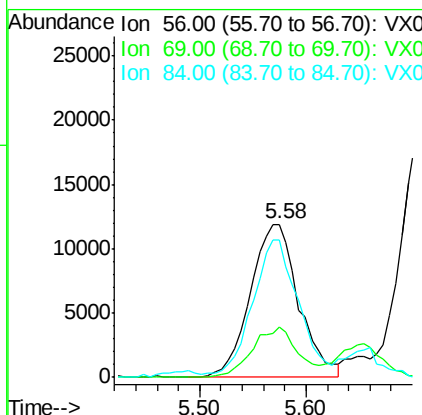
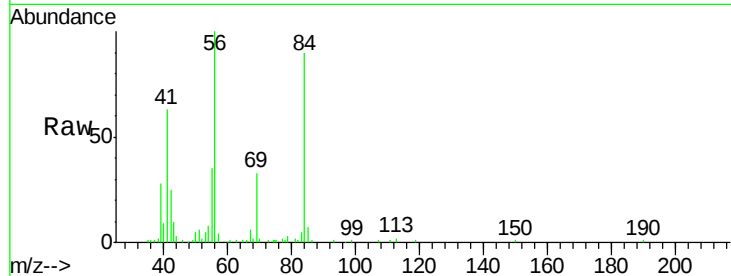
#31
Cyclohexane
Concen: 21.030 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.0	37.6
84	85.2	66.4	99.6

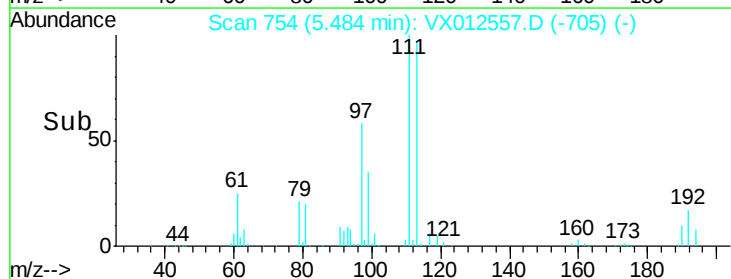
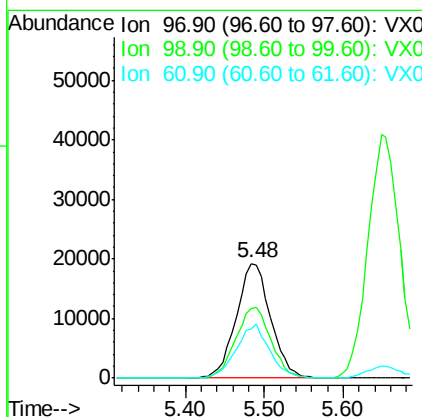
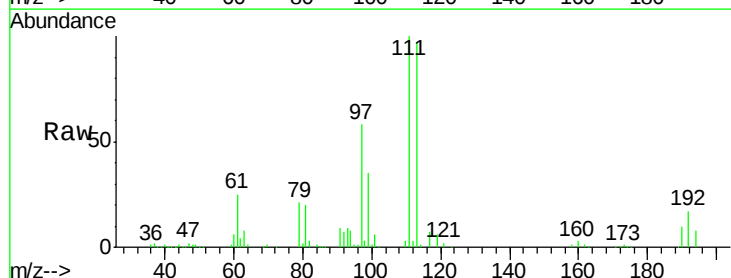
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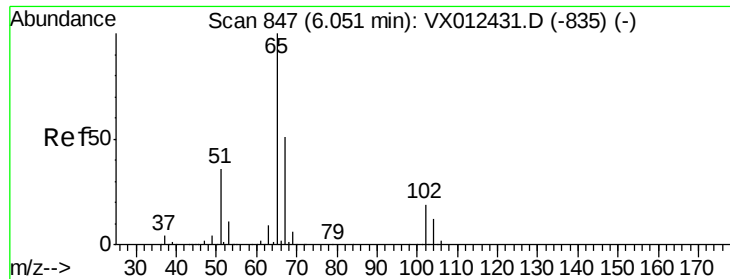
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#32
1,1,1-Trichloroethane
Concen: 20.454 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	45.1	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 65 Resp: 130338

Ion Ratio Lower Upper

65 100

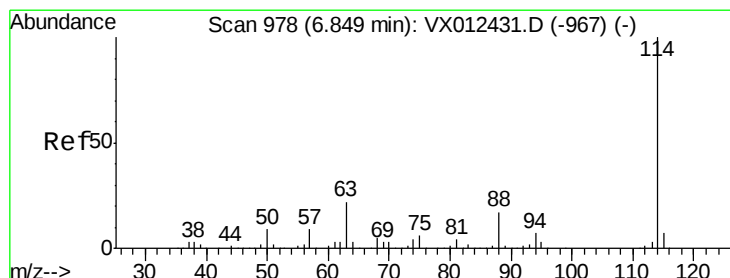
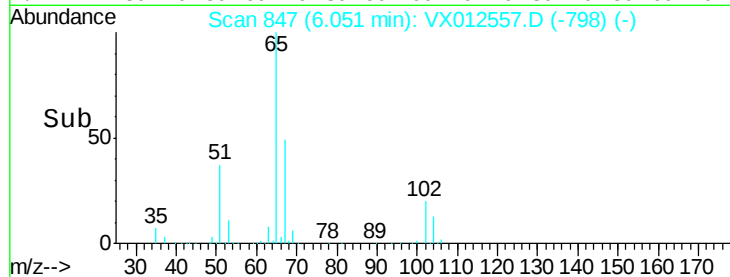
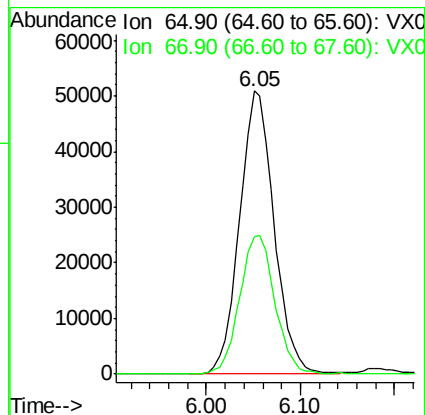
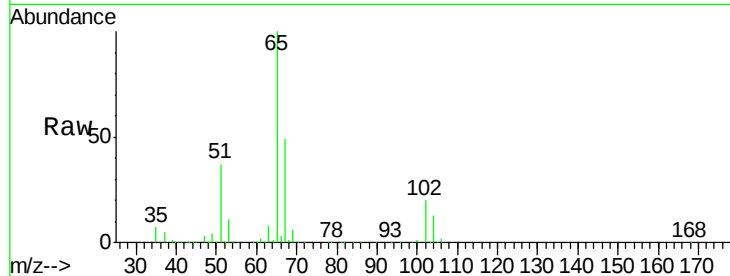
67 50.1 0.0 101.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

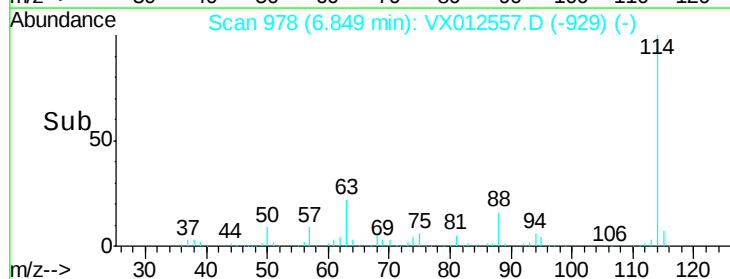
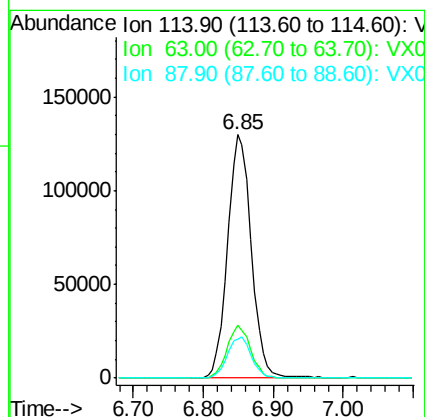
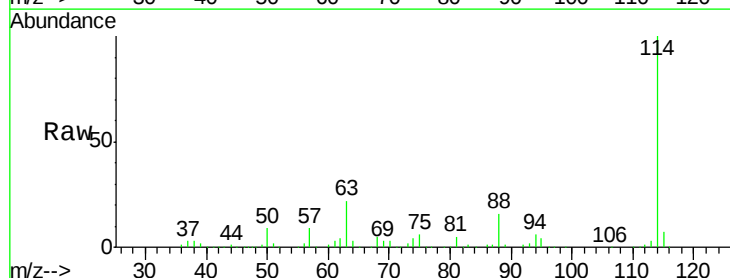
Tgt Ion: 114 Resp: 306184

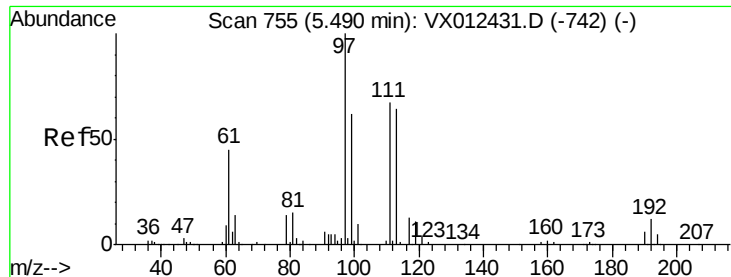
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

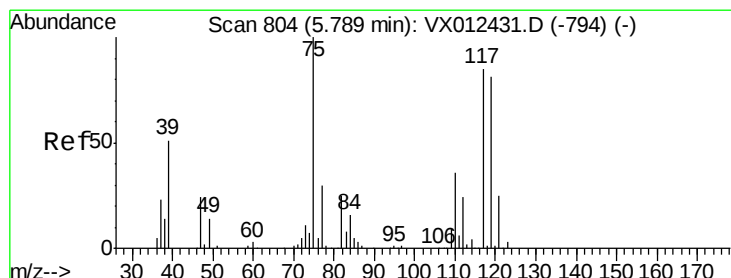
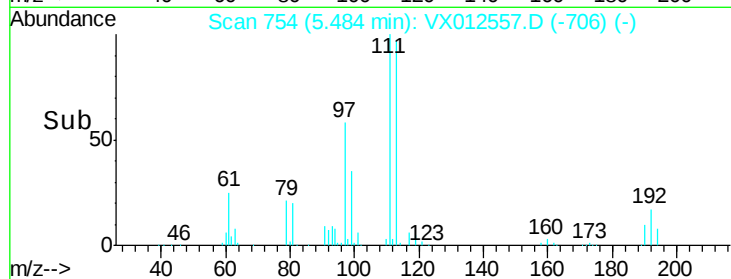
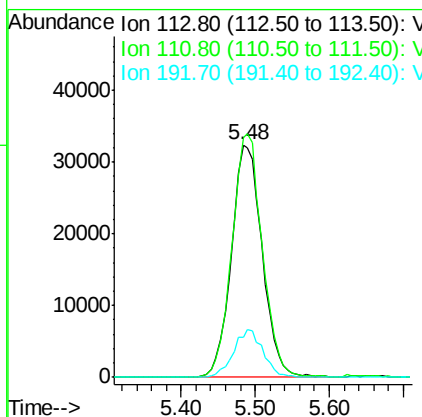
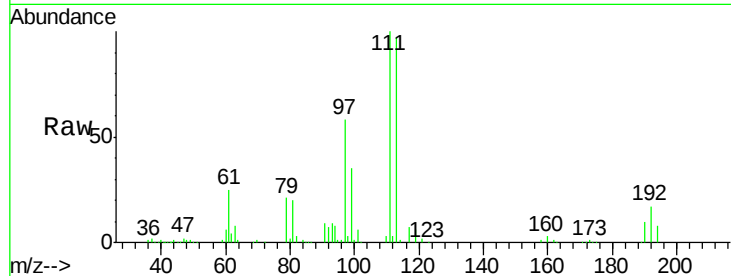
ClientSampleId :

VX0920WBSD01

Tot Ion:	113	Resp:	93892
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	19.5	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 20.093 ug/l

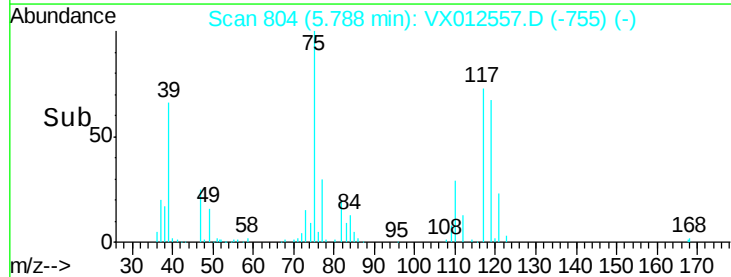
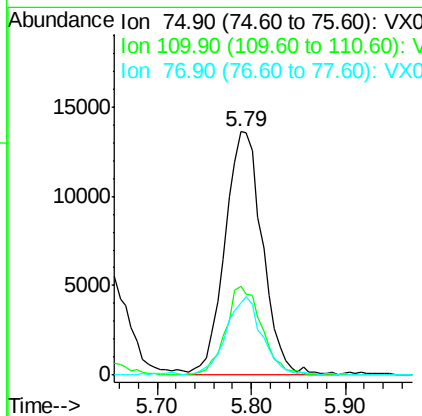
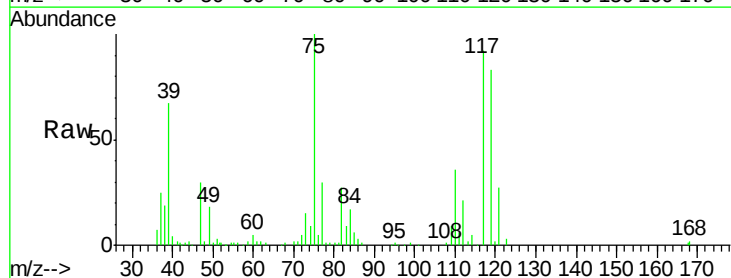
RT: 5.79 min Scan# 804

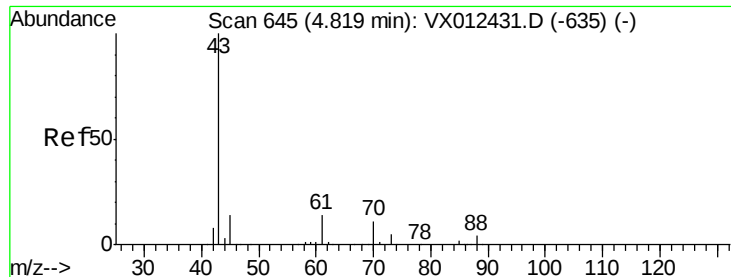
Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion:	75	Resp:	37390
Ion	Ratio	Lower	Upper
75	100		
110	35.4	16.7	50.0
77	31.6	24.2	36.2





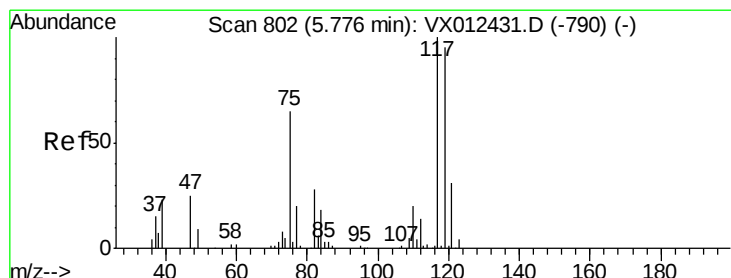
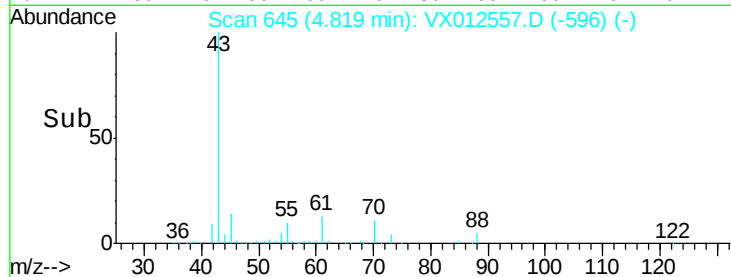
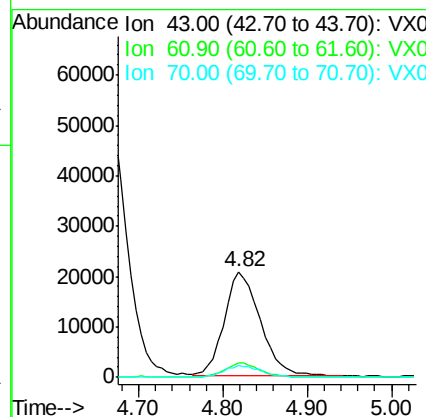
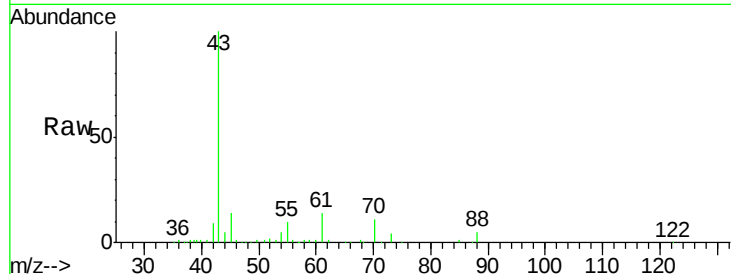
#37
Ethyl Acetate
Concen: 21.239 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	11.8	8.7	13.1

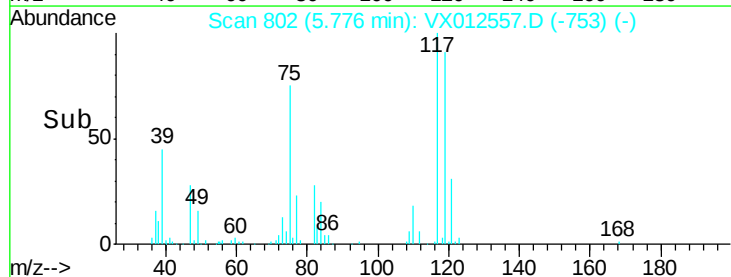
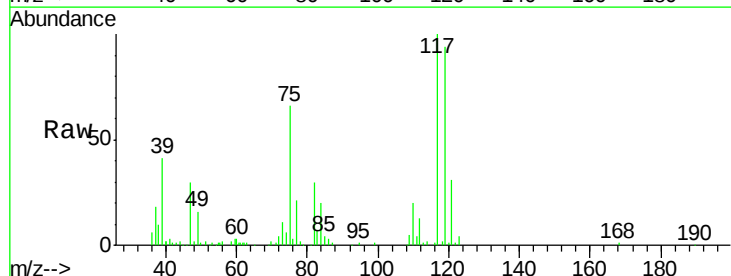
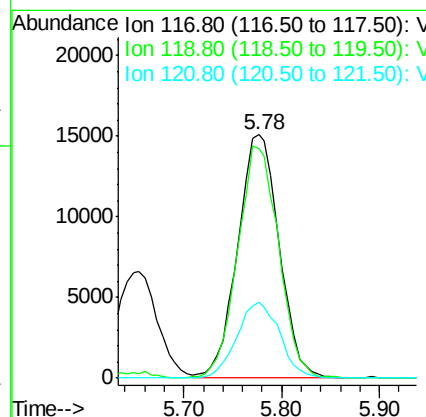
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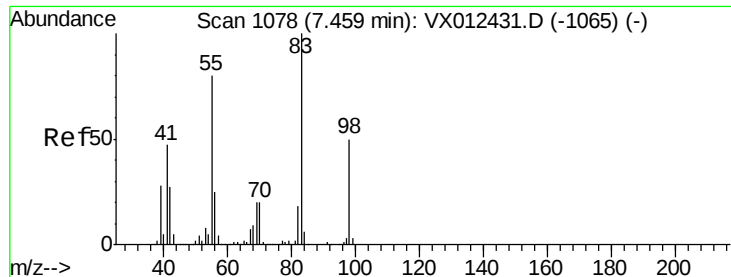
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#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.7	113.5
121	31.4	24.2	36.4





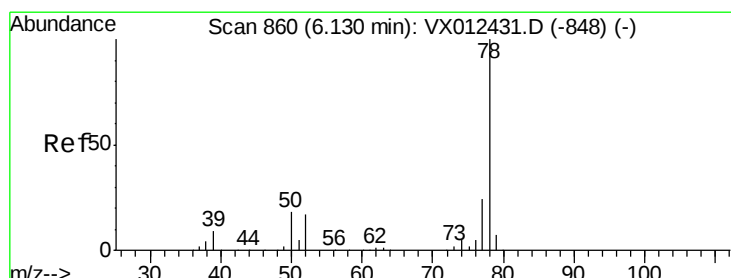
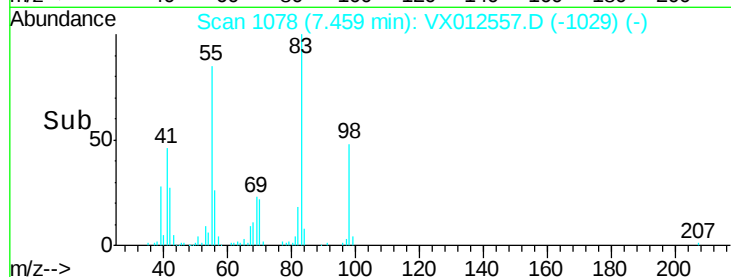
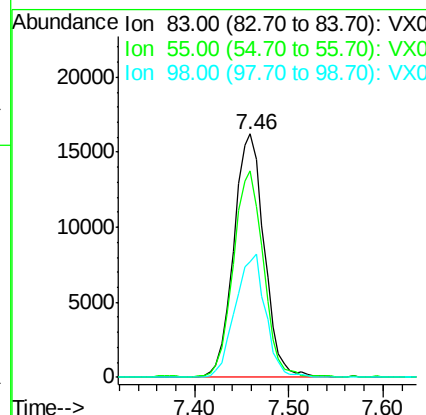
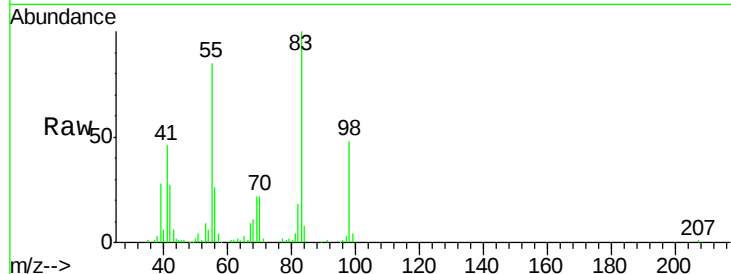
#39
Methvlcvclohexane
Concen: 20.211 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.0		64.4	96.6
98	47.5		40.1	60.1

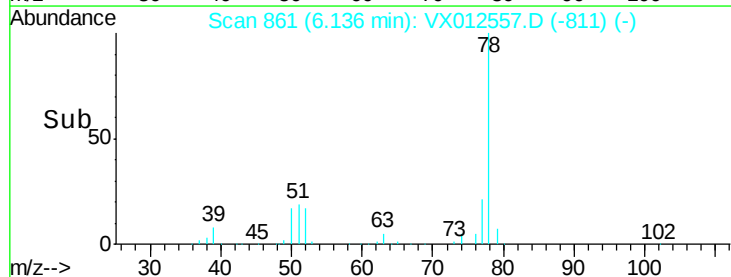
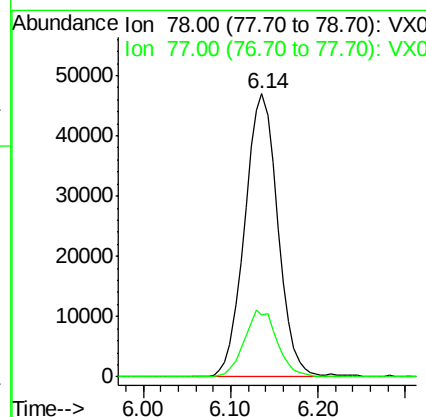
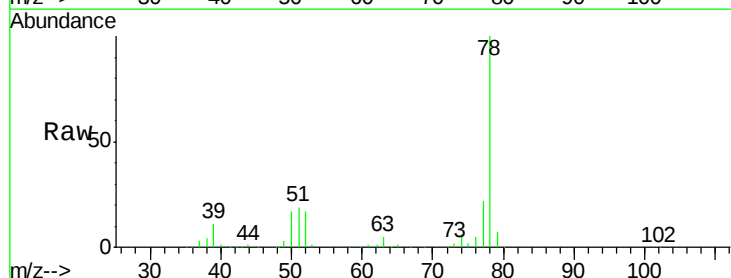
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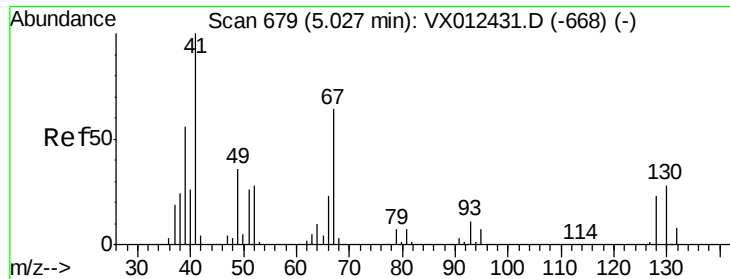
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#40
Benzene
Concen: 20.865 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	21.9		19.2	28.8





#41

Methacrylonitrile

Concen: 20.518 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 41 Resp: 37738

Ion Ratio Lower Upper

41 100

39 53.5 46.0 69.0

67 67.2 52.2 78.2

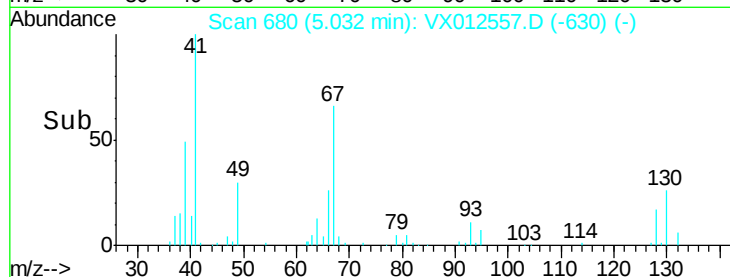
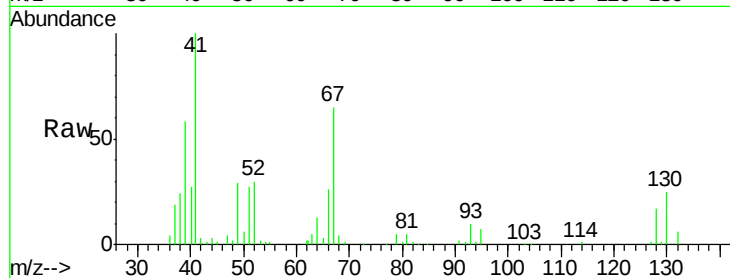
52 27.3 22.7 34.1

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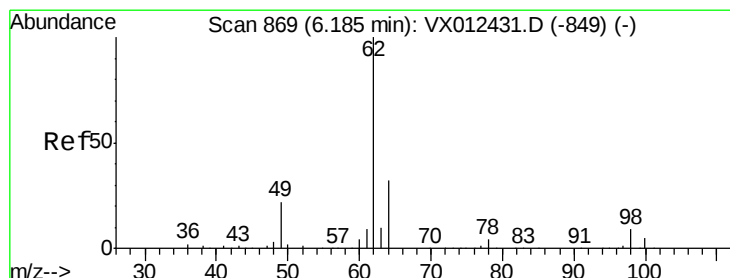
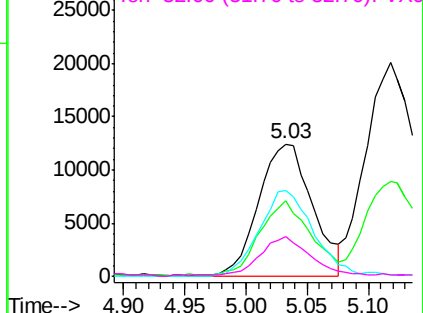


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.703 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012557.D

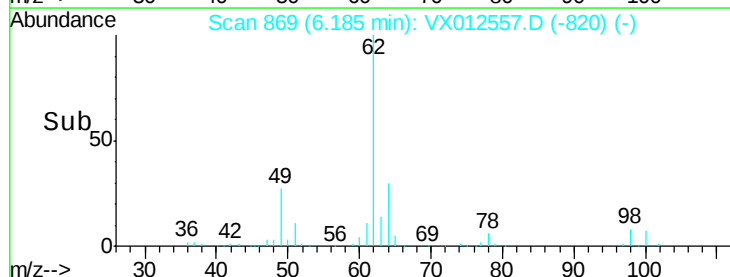
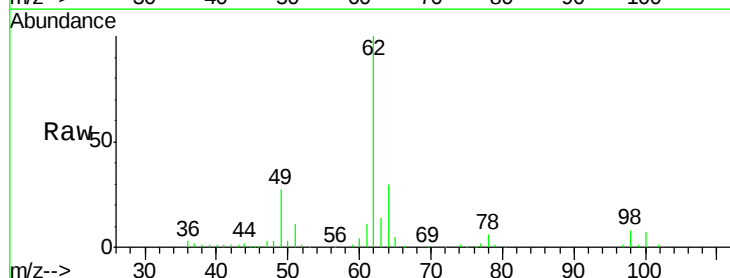
Acq: 20 Sep 2019 15:12

Tgt Ion: 62 Resp: 56822

Ion Ratio Lower Upper

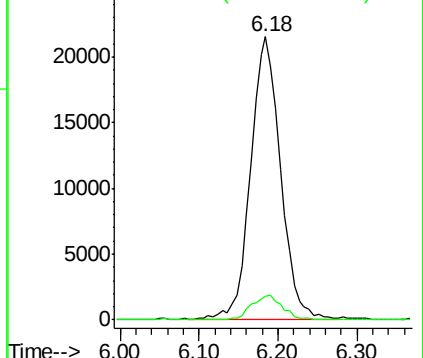
62 100

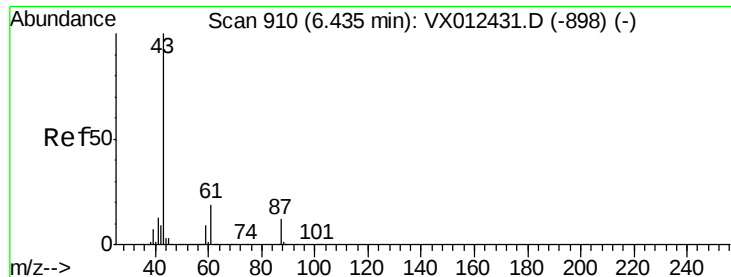
98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

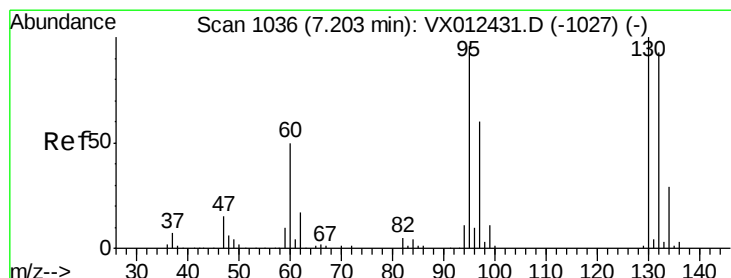
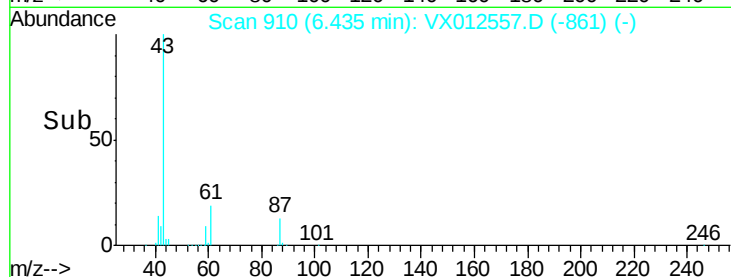
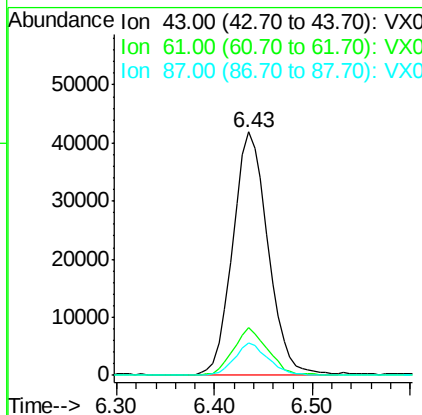
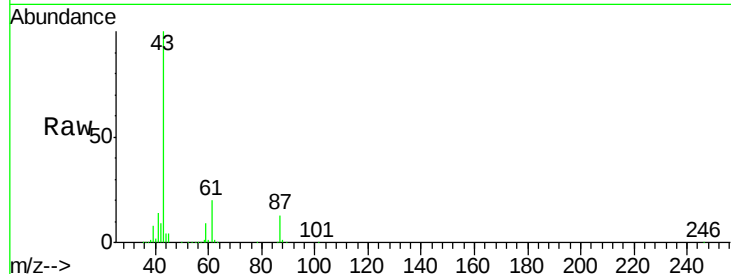
Isopropyl Acetate
 Concen: 20.332 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.7	9.8	14.8

Manual Integrations
 APPROVED

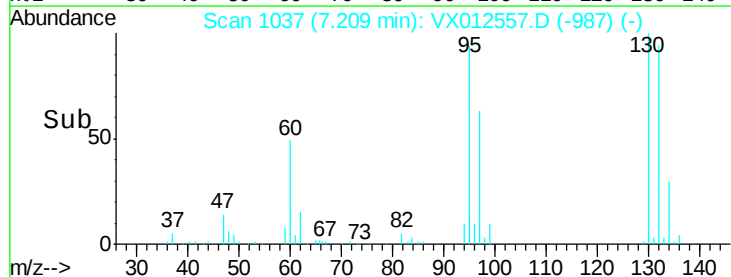
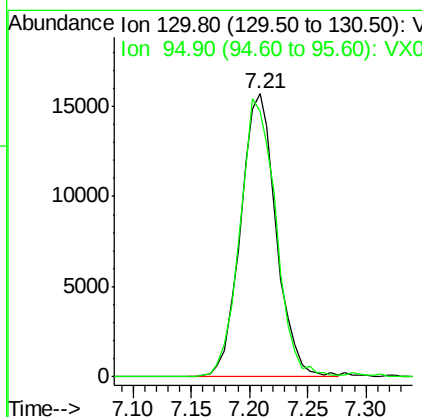
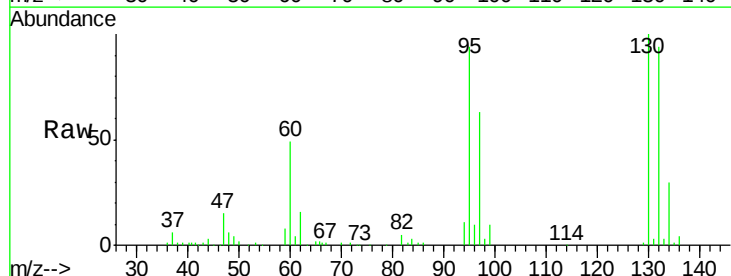
MMDadoda
 9/23/2019 11:30:01 AM

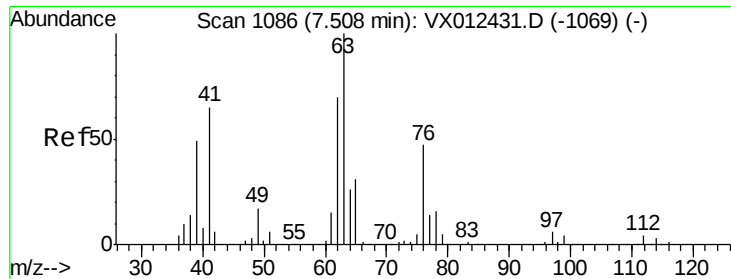


#44

Trichloroethene
 Concen: 21.462 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	193.0





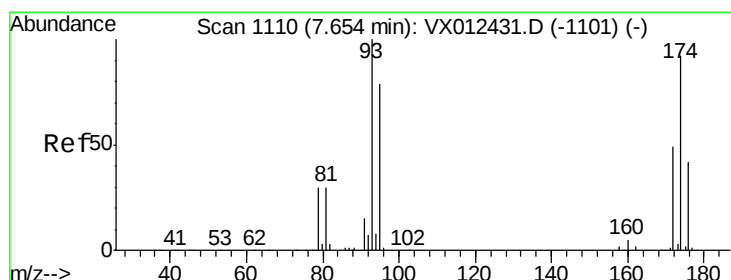
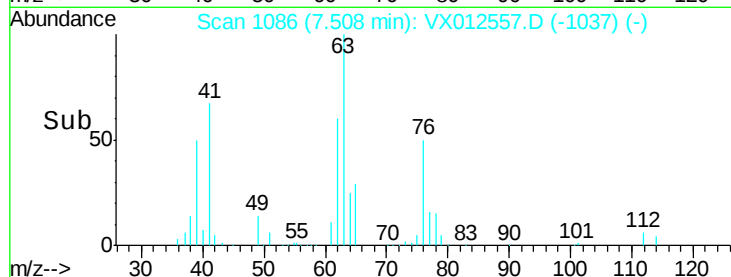
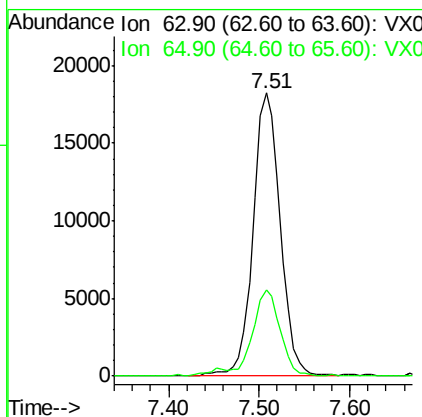
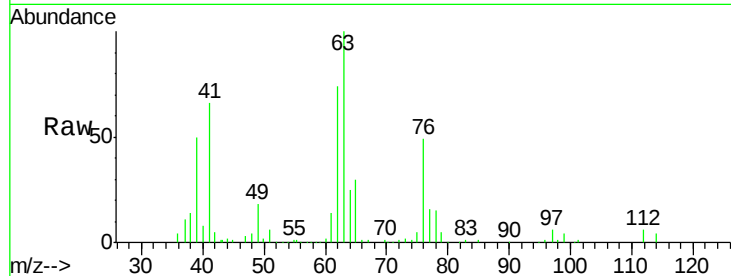
#45
 1,2-Dichloropropane
 Concen: 20.822 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion: 63 Resp: 37854
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6

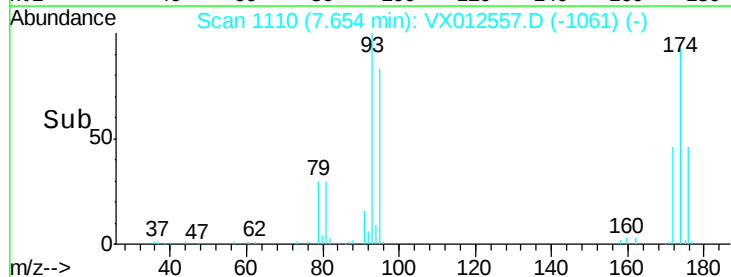
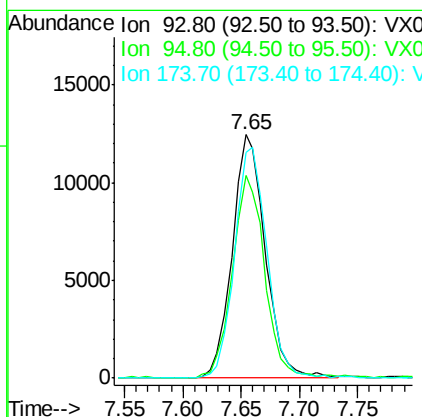
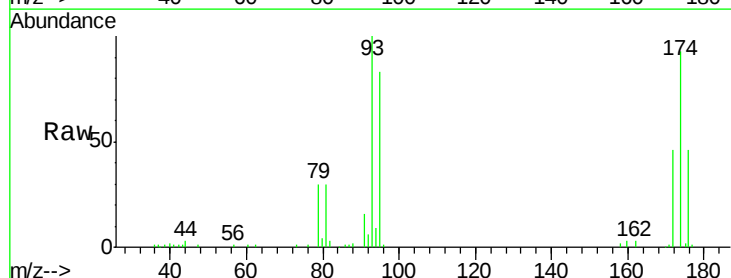
Manual Integrations
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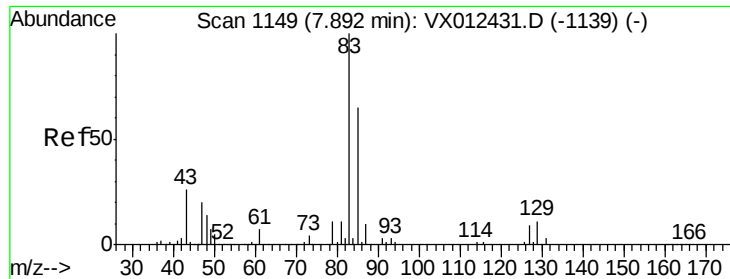
MMDadoda
 9/23/2019 11:30:01 AM



#46
 Dibromomethane
 Concen: 20.897 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 93 Resp: 24584
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.6 100.0
 174 93.6 77.4 116.0





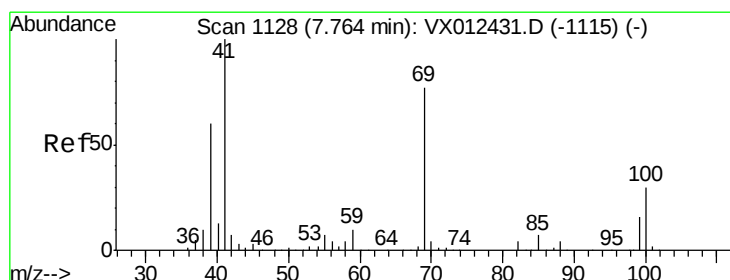
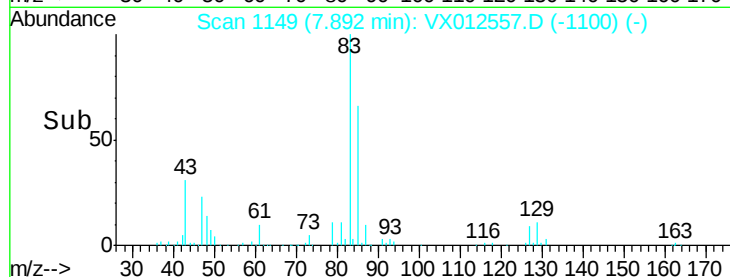
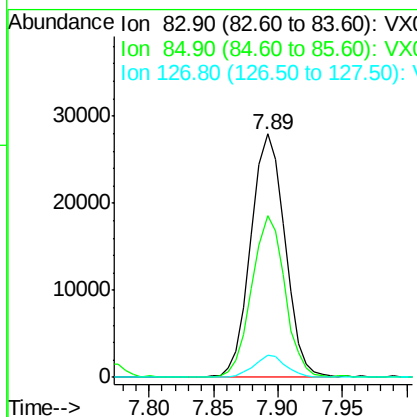
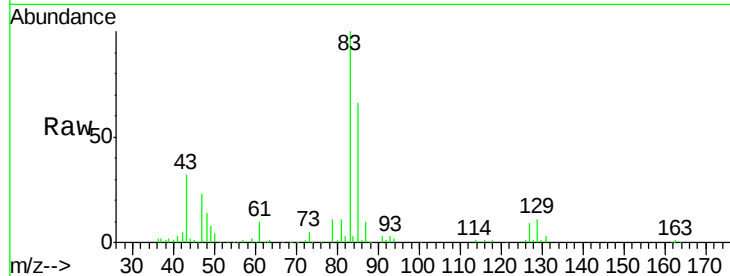
#47
Bromodichloromethane
Concen: 19.633 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	83	Resp	51428
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	51.8	77.6
127	9.1	7.3	10.9

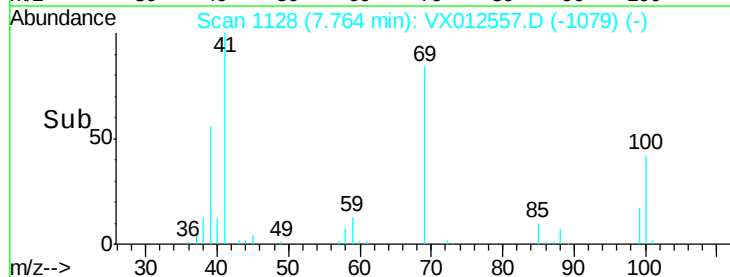
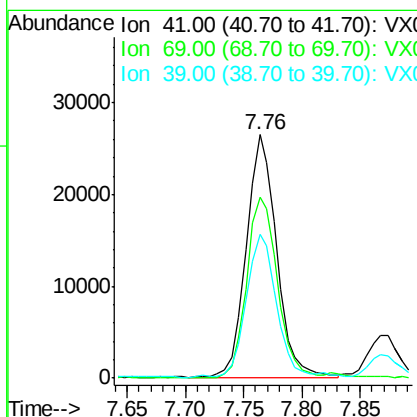
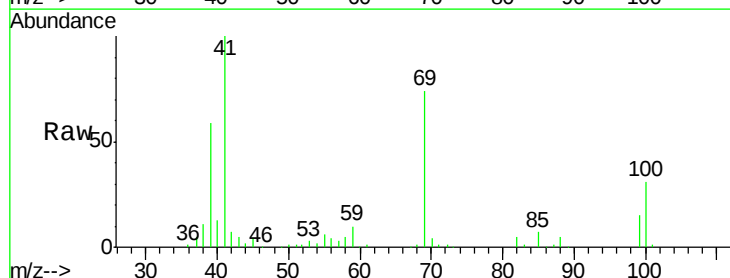
Manual Integrations
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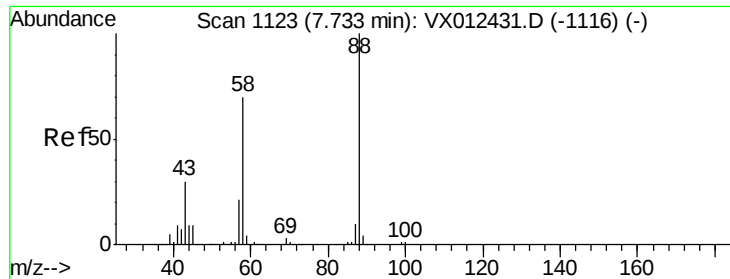
MMDadoda
9/23/2019 11:30:01 AM



#48
Methyl methacrylate
Concen: 19.839 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	41	Resp	47944
Ion Ratio	100	Lower	Upper
41	100		
69	76.4	59.9	89.9
39	59.6	47.8	71.6





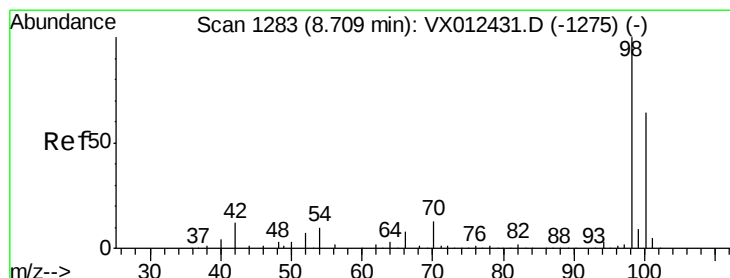
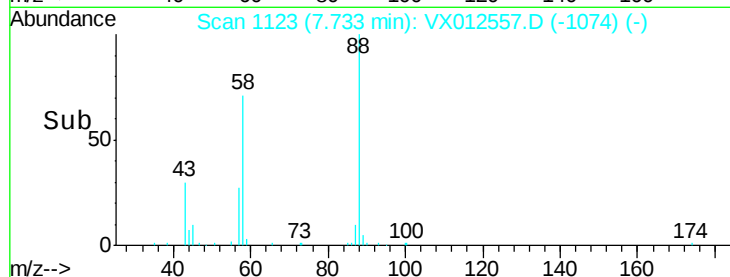
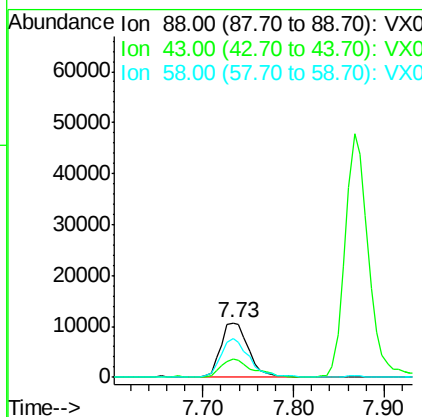
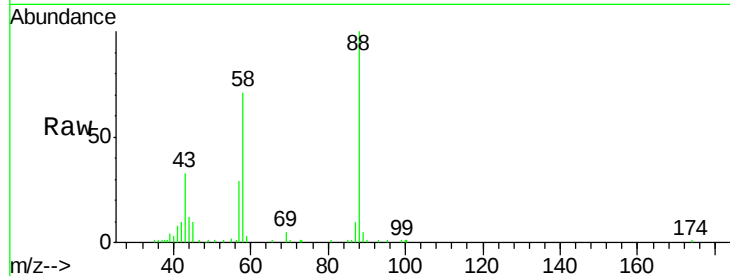
#49
1,4-Dioxane
Concen: 393.454 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.4	44.0
58	72.8	57.5	86.3

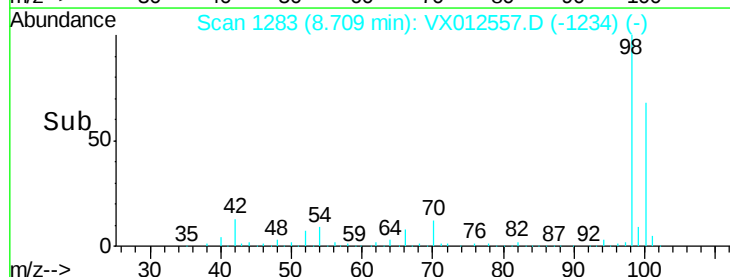
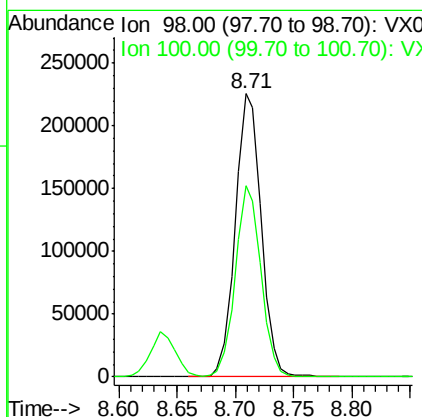
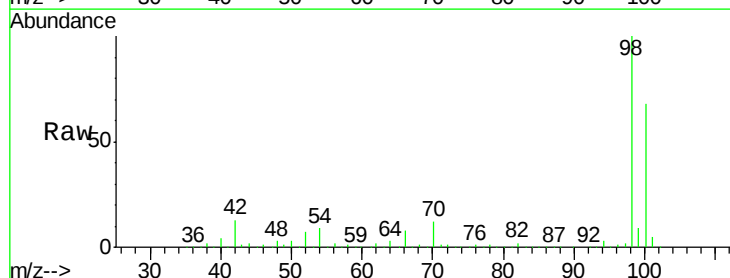
Manual Integrations
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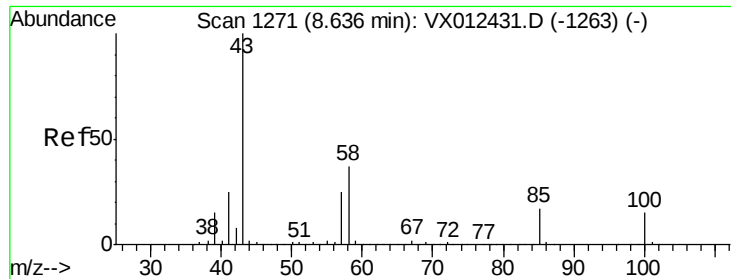
MMDadoda
9/23/2019 11:30:01 AM



#50
Toluene-d8
Concen: 51.106 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 103.687 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 43 Resp: 348600

Ion Ratio Lower Upper

43 100

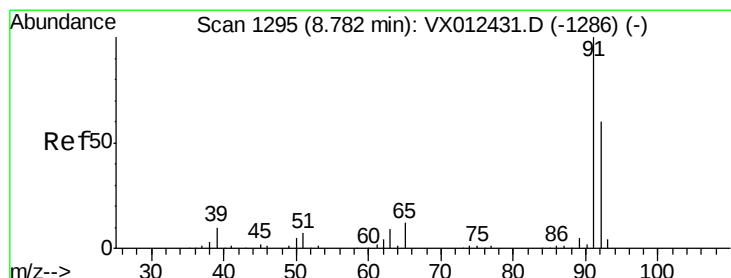
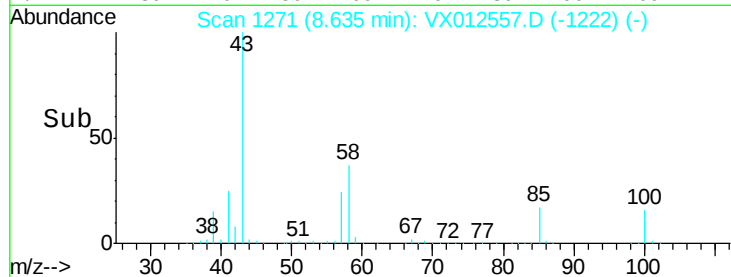
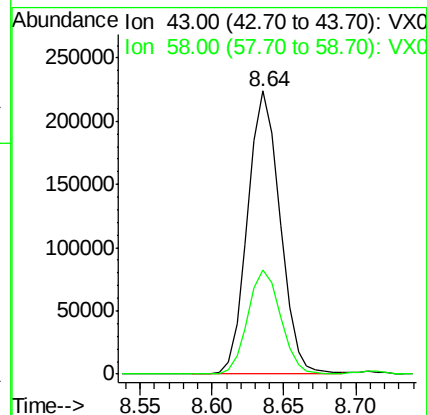
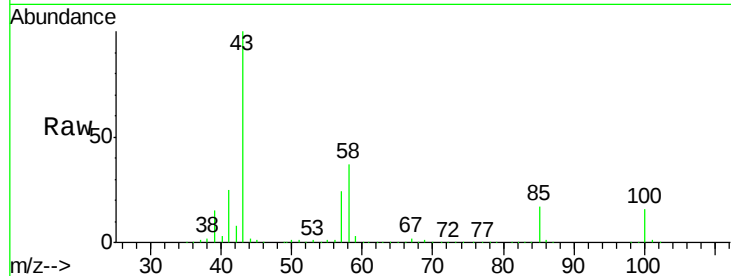
58 37.5 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 20.983 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012557.D

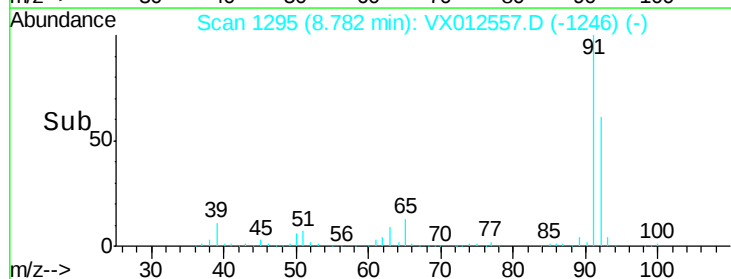
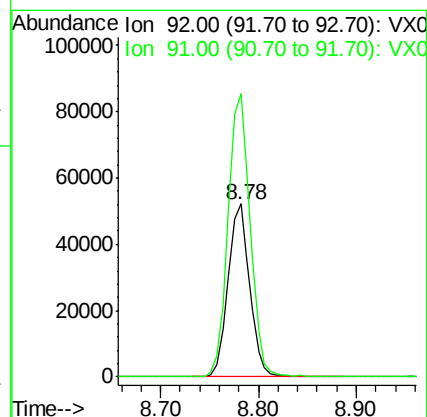
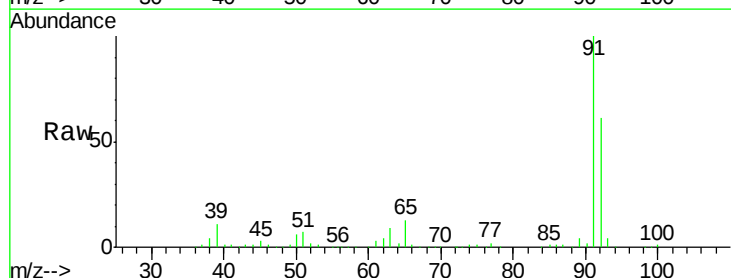
Acq: 20 Sep 2019 15:12

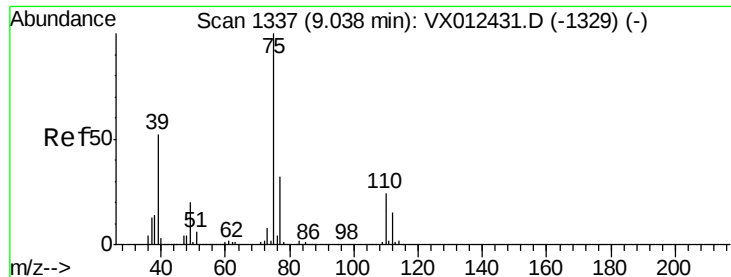
Tgt Ion: 92 Resp: 80007

Ion Ratio Lower Upper

92 100

91 168.1 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 19.093 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 75 Resp: 51989

Ion Ratio Lower Upper

75 100

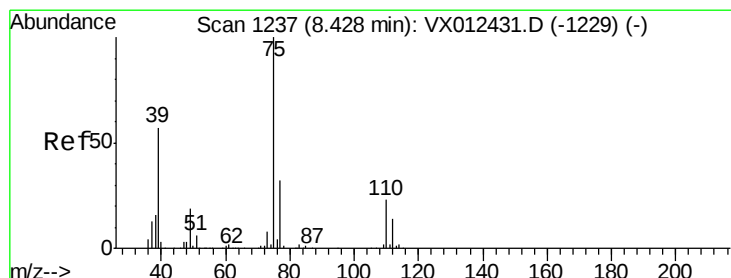
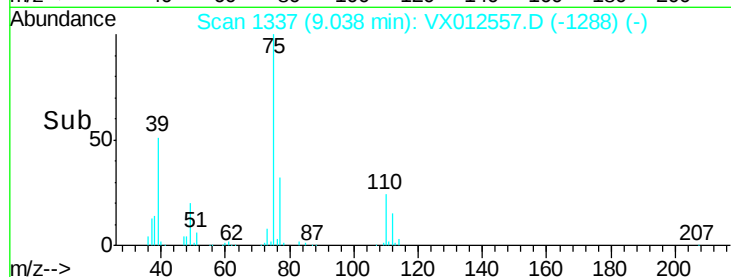
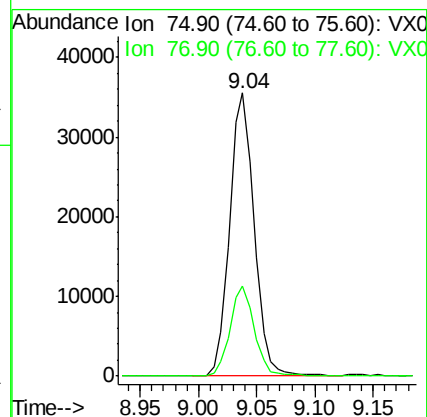
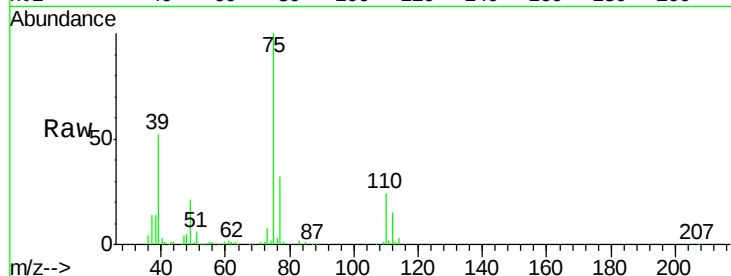
77 32.0 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.395 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

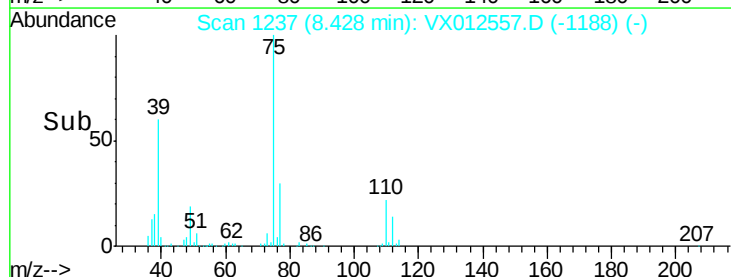
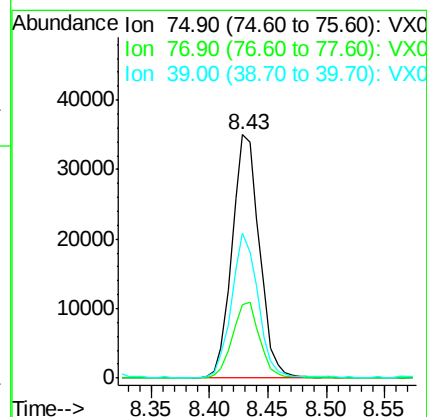
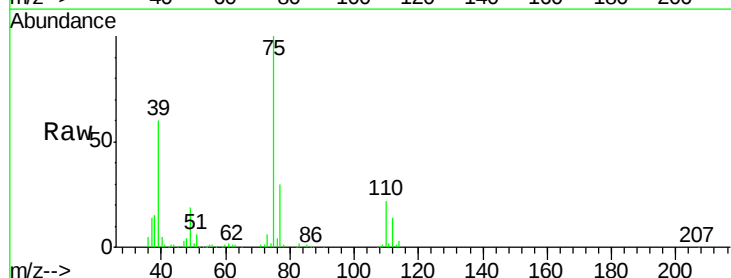
Tgt Ion: 75 Resp: 57493

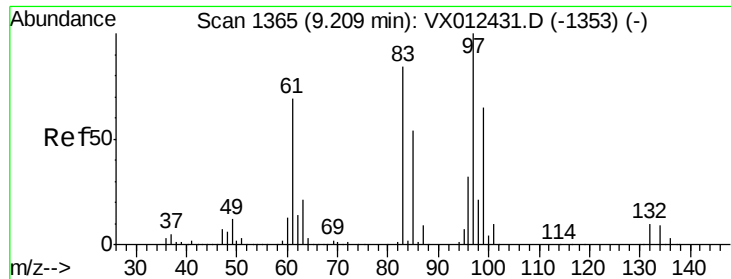
Ion Ratio Lower Upper

75 100

77 30.0 25.8 38.8

39 59.3 45.5 68.3





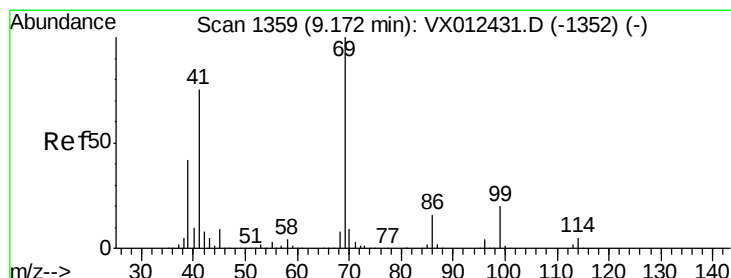
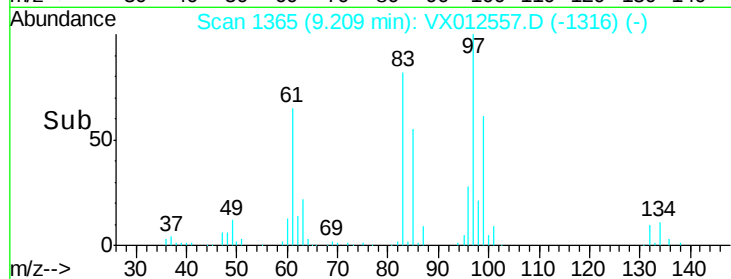
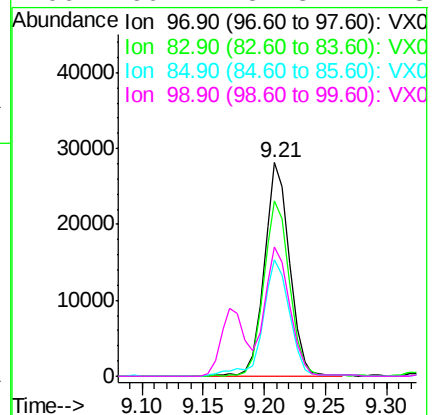
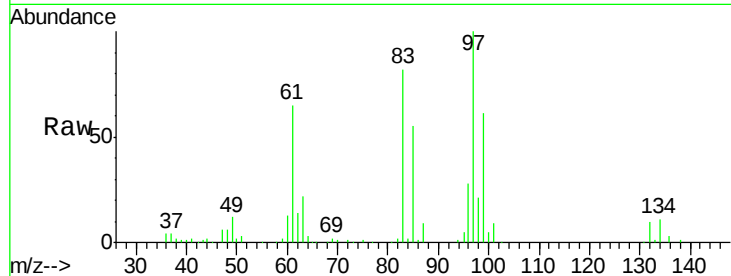
#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion:	97	Resp:	40534
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.2
85	54.8	43.5	65.3
99	60.7	51.8	77.8

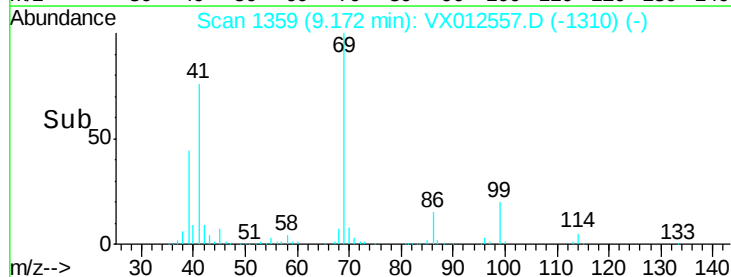
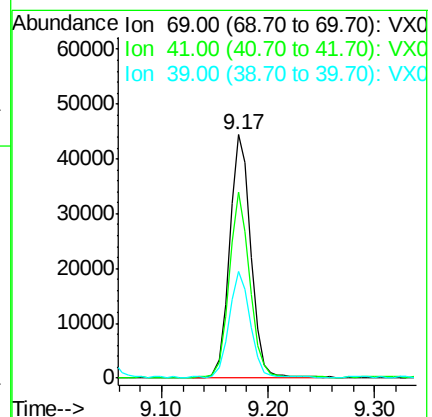
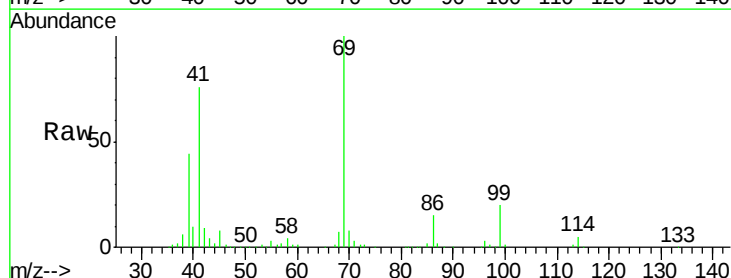
Manual Integrations
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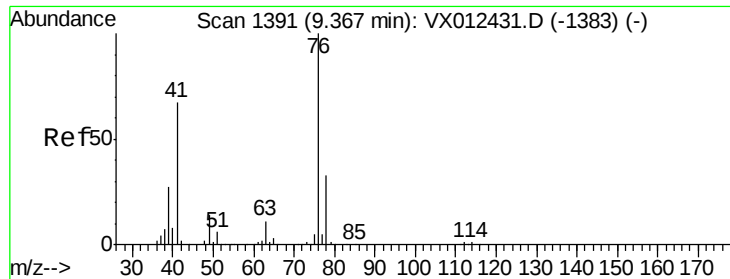
MMDadoda
 9/23/2019 11:30:01 AM



#56
 Ethyl methacrylate
 Concen: 20.269 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion:	69	Resp:	62255
Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.4	87.6
39	44.3	33.4	50.0





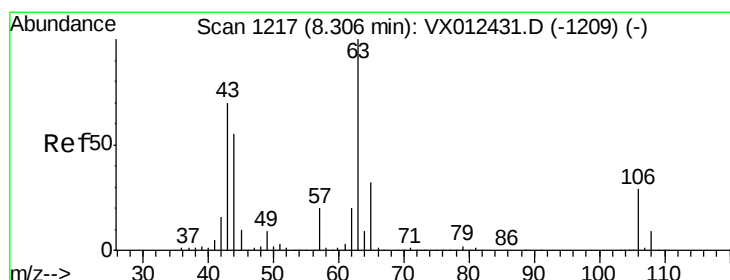
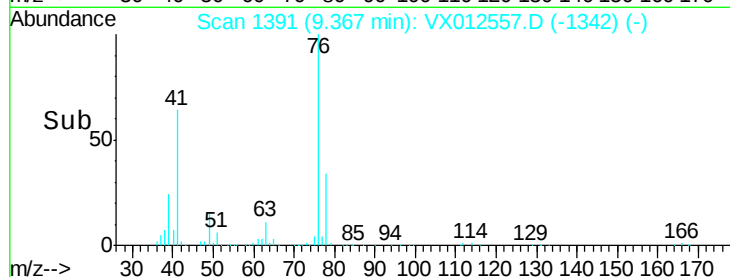
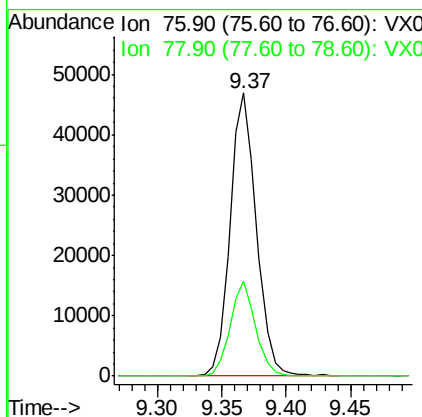
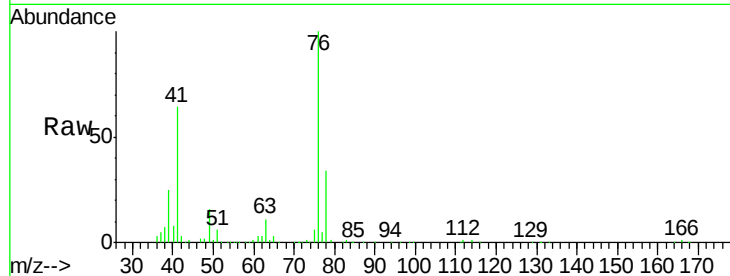
#57
 1,3-Dichloropropane
 Concen: 21.351 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion: 76 Resp: 66919
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

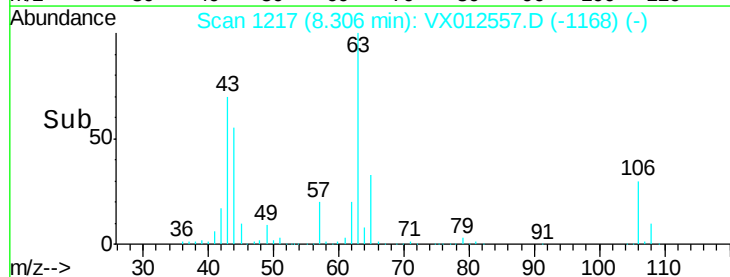
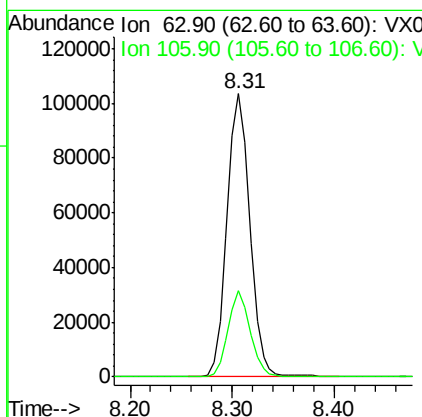
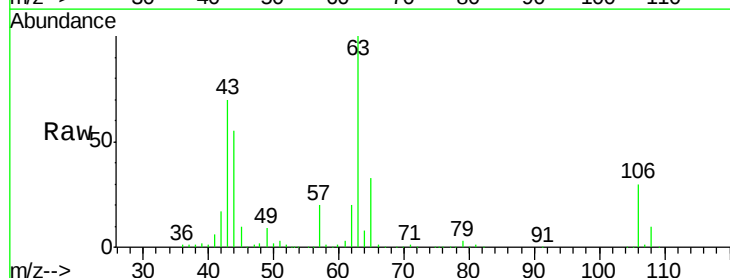
Manual Integrations
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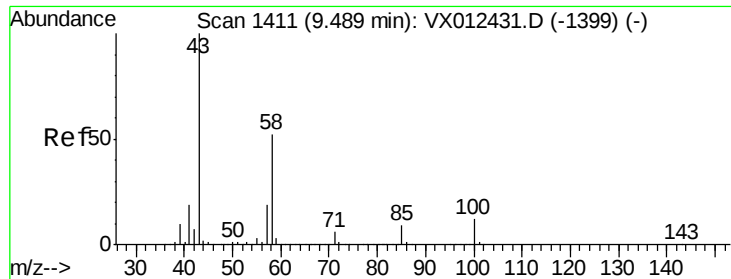
MMDadoda
 9/23/2019 11:30:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.381 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 63 Resp: 161182
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6





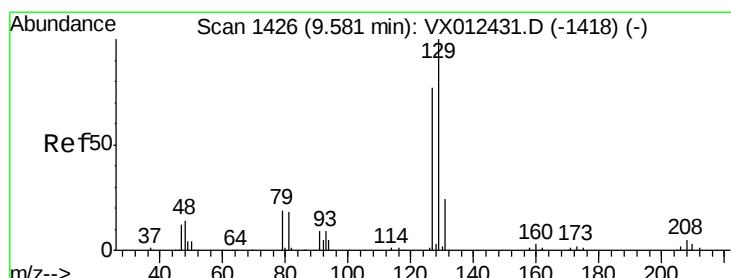
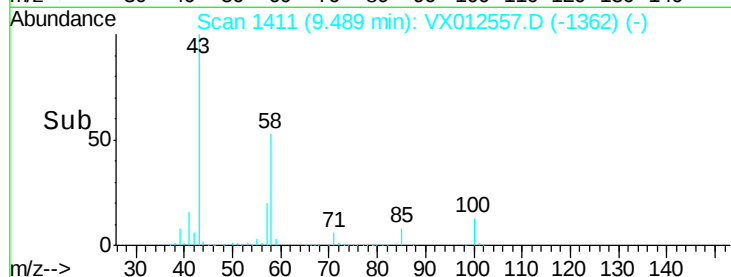
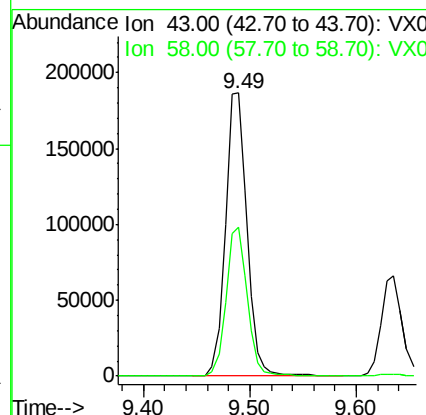
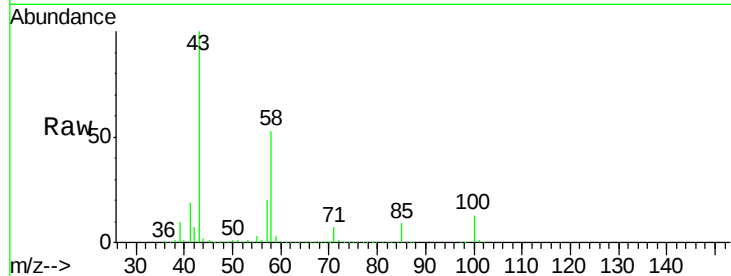
#59
2-Hexanone
Concen: 100.348 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion: 43 Resp: 263209
Ion Ratio Lower Upper
43 100
58 51.8 25.7 77.1

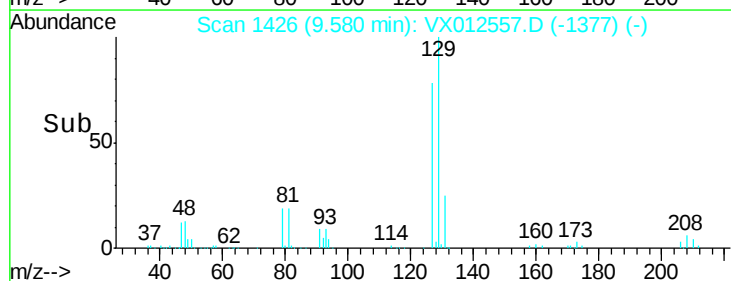
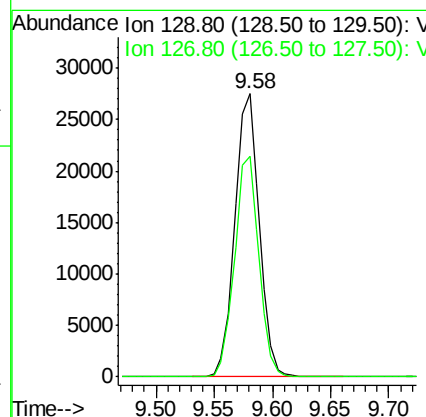
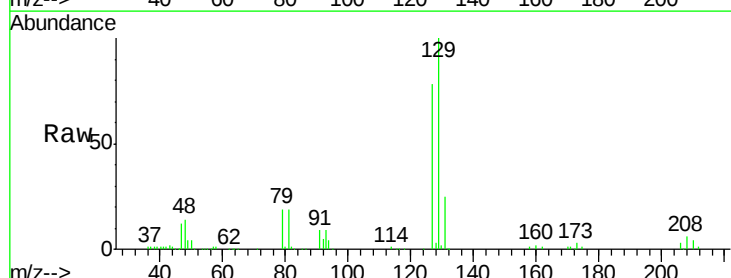
Manual Integrations
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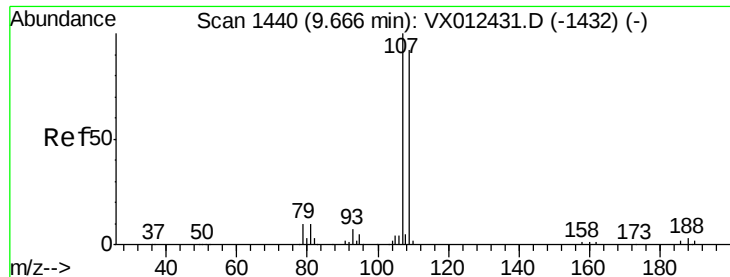
MMDadoda
9/23/2019 11:30:01 AM



#60
Dibromochloromethane
Concen: 20.089 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 129 Resp: 40198
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.230 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion:107 Resp: 38090

Ion Ratio Lower Upper

107 100

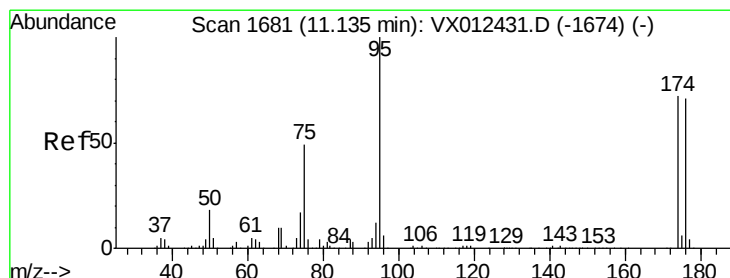
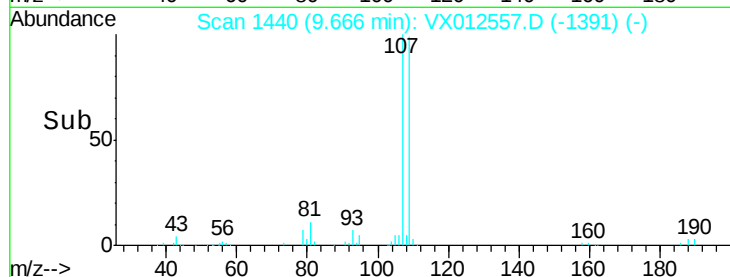
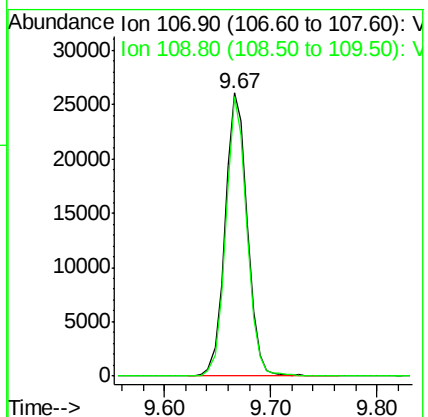
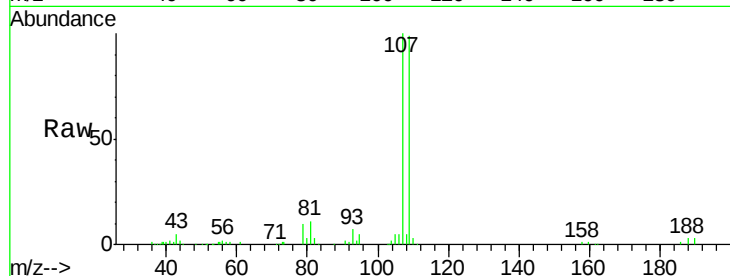
109 93.5 74.7 112.1

Manual Integrations

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MMDadoda

9/23/2019 11:30:01 AM



#62

4-Bromofluorobenzene

Concen: 48.879 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

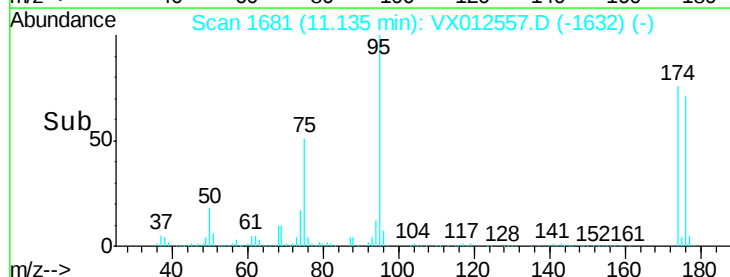
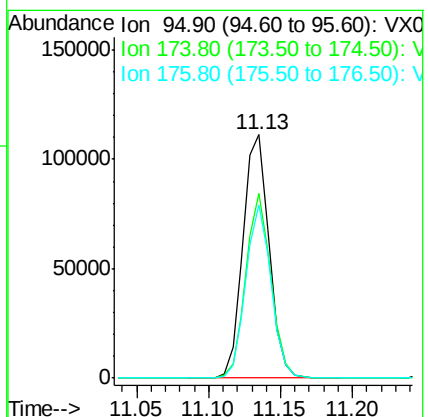
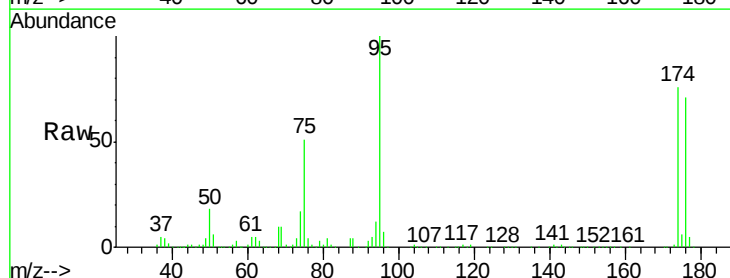
Tgt Ion: 95 Resp: 139213

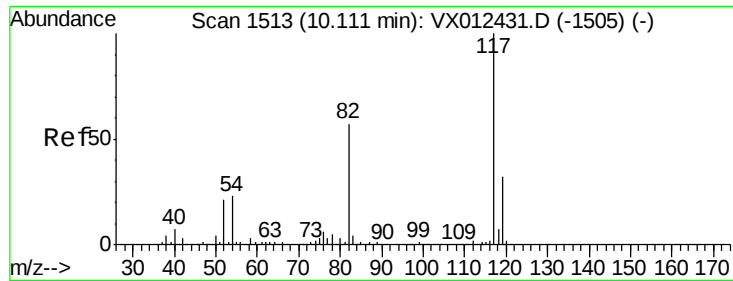
Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.0

176 68.5 0.0 135.4





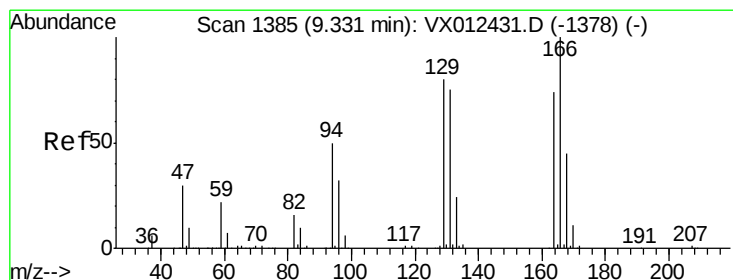
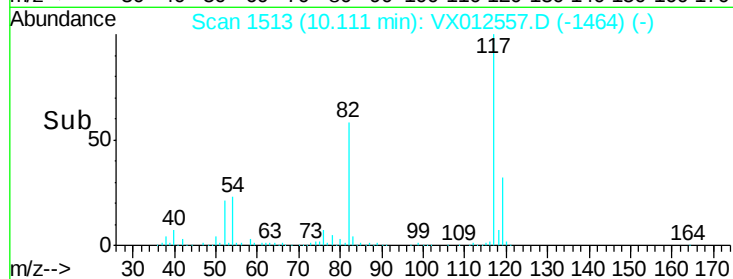
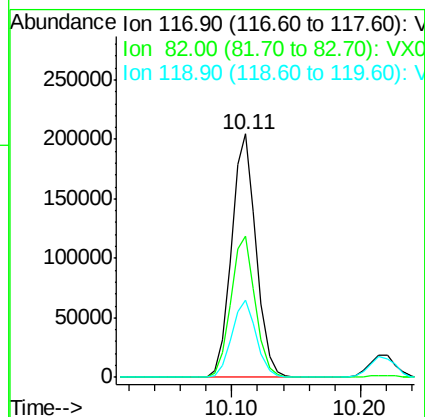
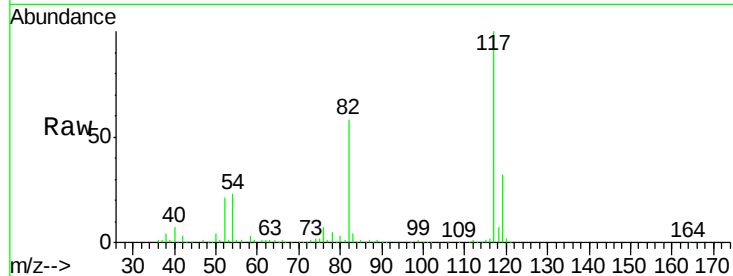
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	272353		
82	57.9	45.9	68.9	
119	31.7	25.3	37.9	

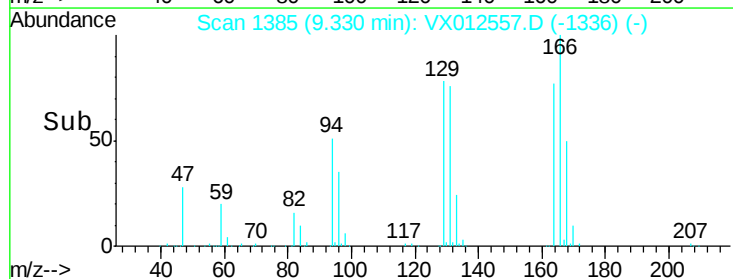
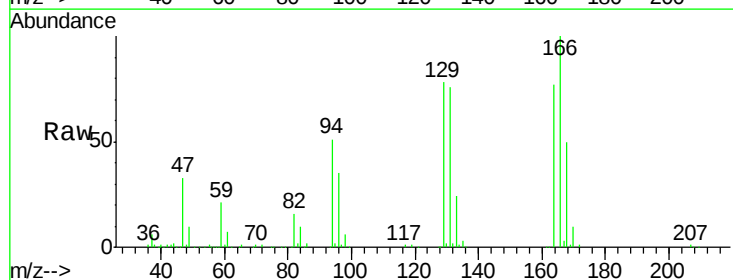
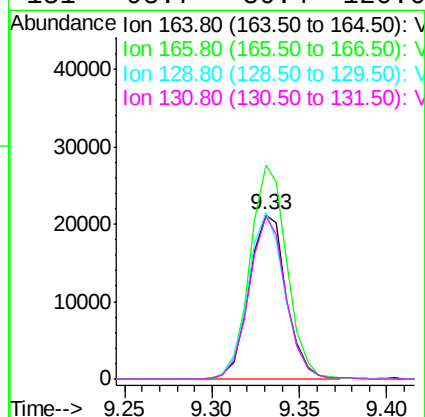
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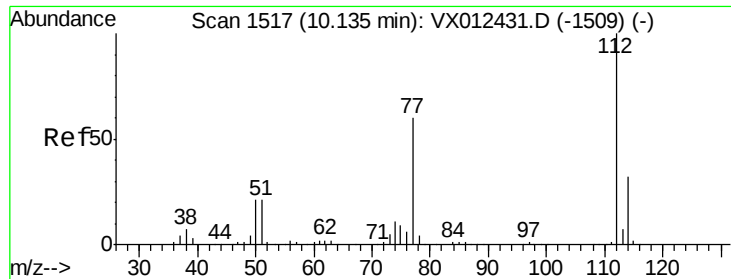
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#64
Tetrachloroethene
Concen: 25.183 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31429		
166	129.8	107.8	161.6	
129	101.0	86.2	129.2	
131	98.7	80.4	120.6	





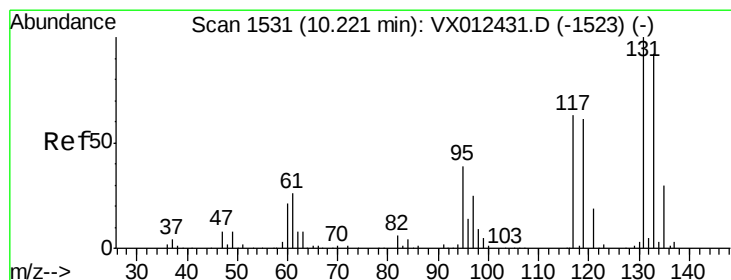
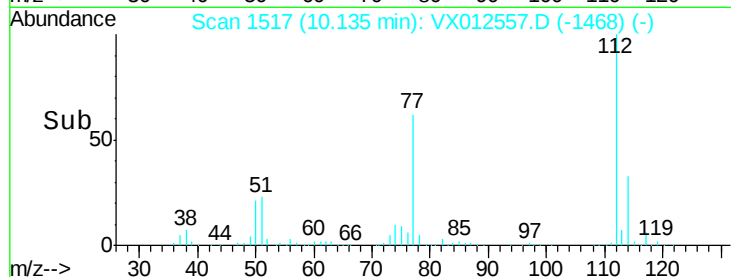
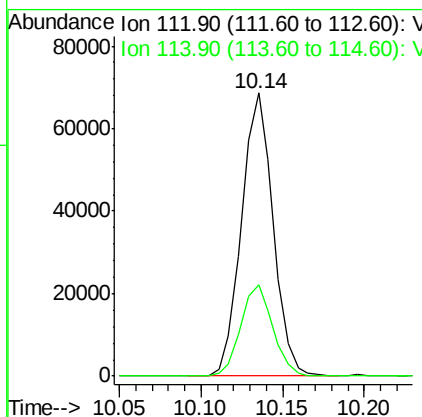
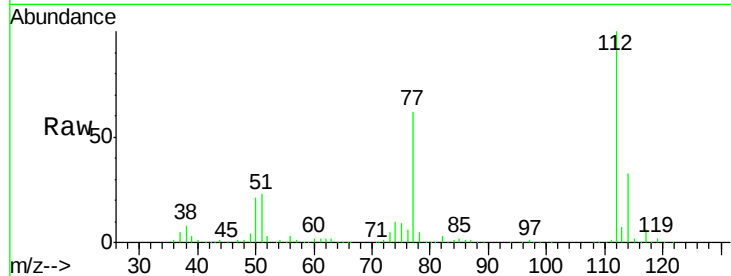
#65
Chlorobenzene
Concen: 20.640 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion:112 Resp: 92778
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

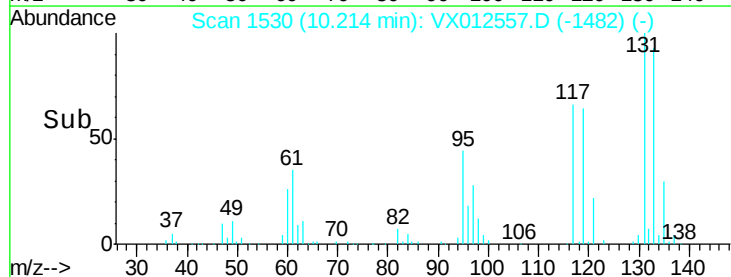
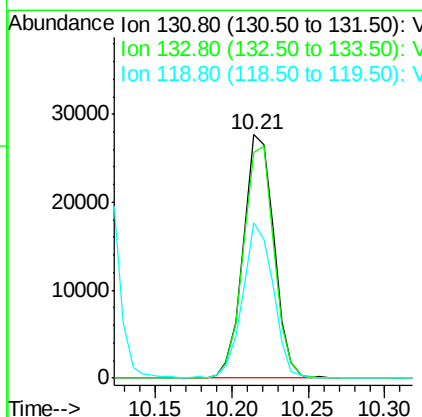
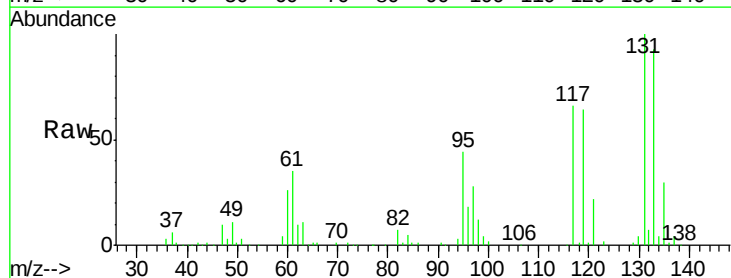
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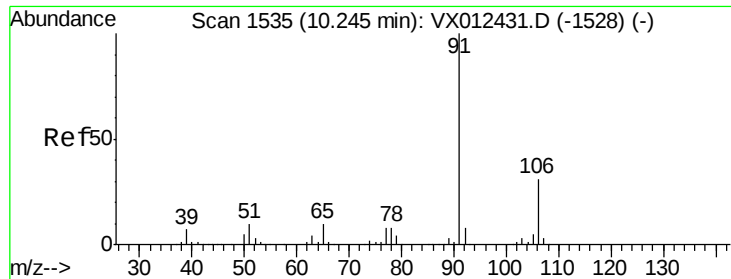
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.743 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:131 Resp: 38698
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.2 31.3 93.8





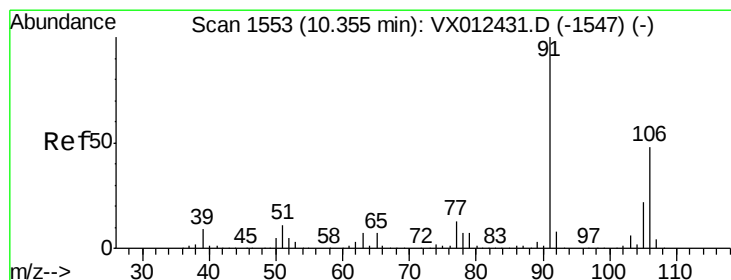
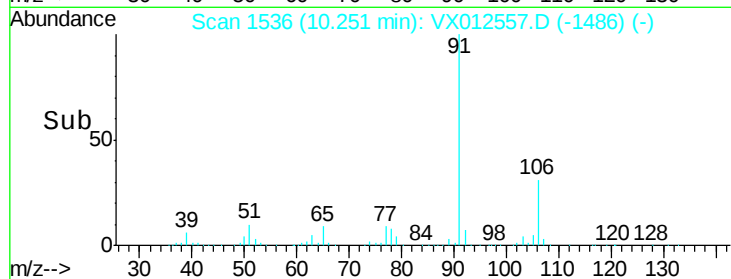
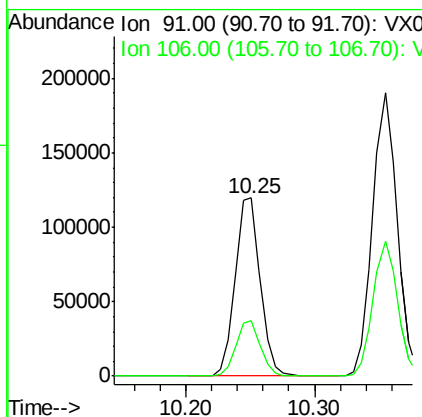
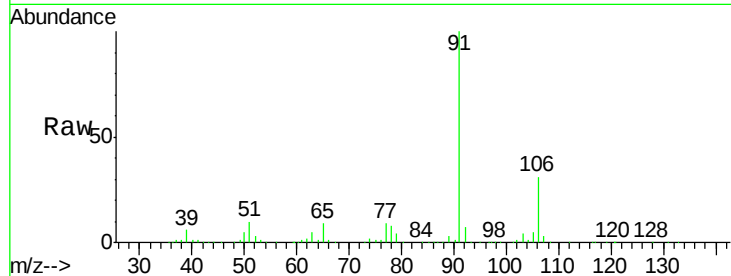
#67
Ethyl Benzene
Concen: 21.052 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion: 91 Resp: 162583
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

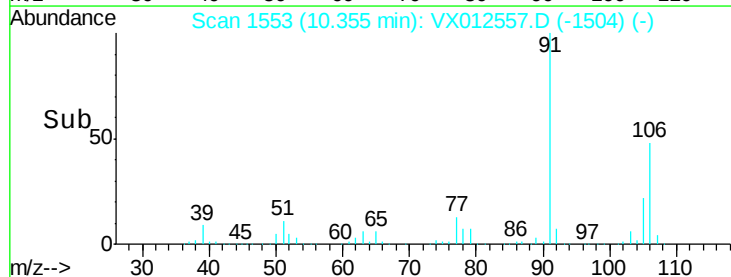
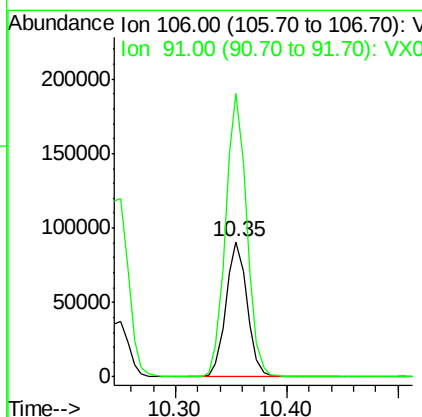
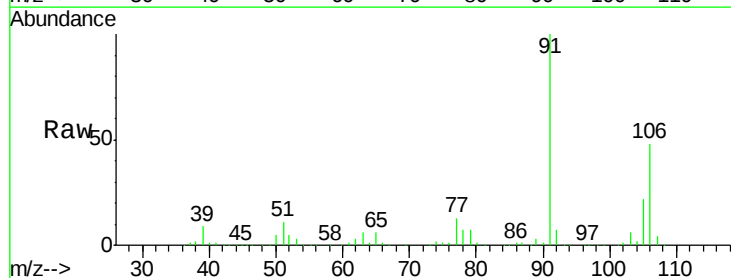
Manual Integrations
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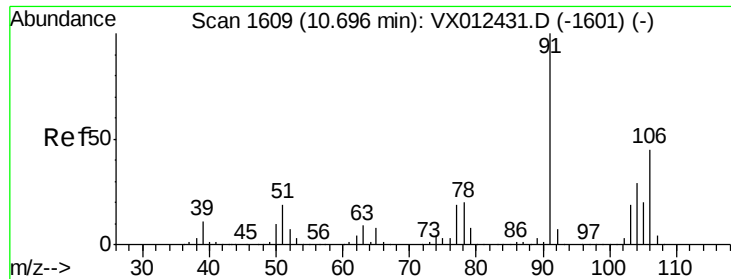
MMDadoda
9/23/2019 11:30:01 AM



#68
m/p-Xylenes
Concen: 42.419 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 106 Resp: 119197
Ion Ratio Lower Upper
106 100
91 209.1 166.6 250.0





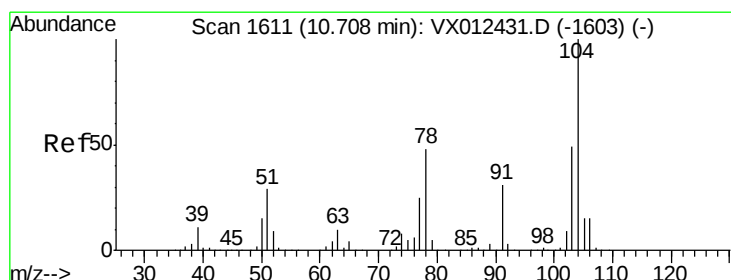
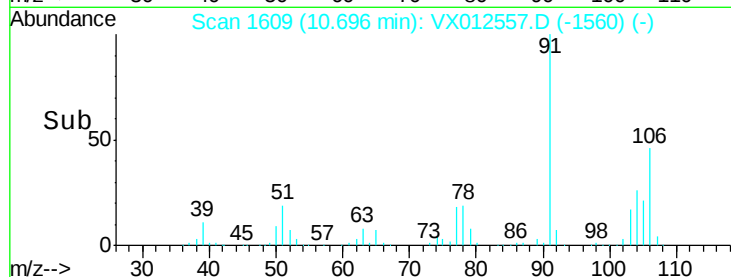
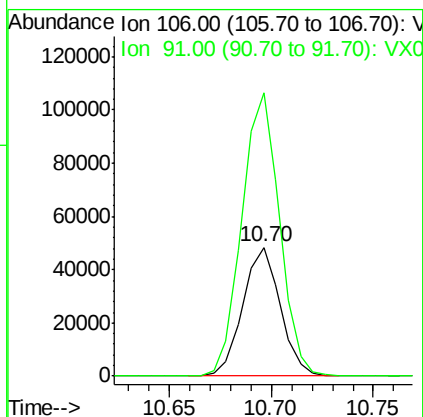
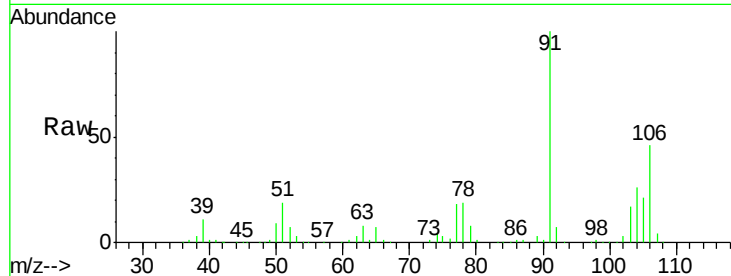
#69
o-Xylene
Concen: 21.424 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion:106 Resp: 61911
Ion Ratio Lower Upper
106 100
91 221.5 109.4 328.2

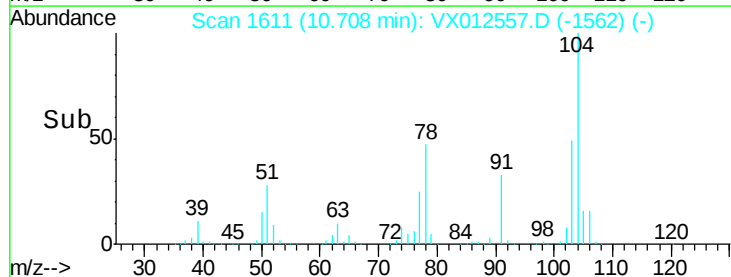
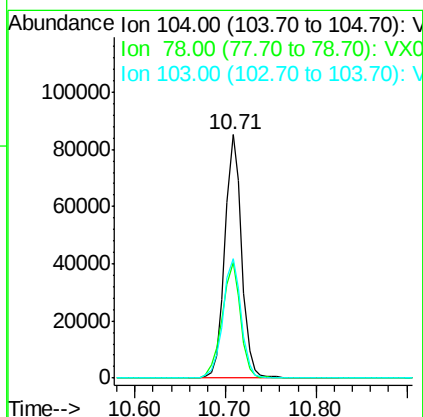
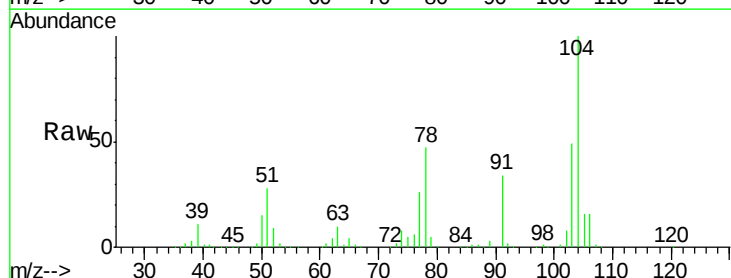
Manual Integrations
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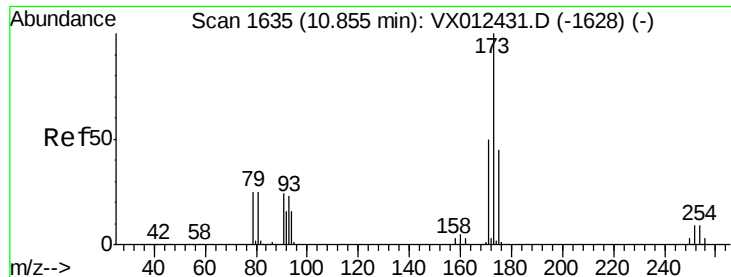
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#70
Styrene
Concen: 21.444 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:104 Resp: 109644
Ion Ratio Lower Upper
104 100
78 52.3 43.4 65.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 18.009 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion:173 Resp: 25799

Ion Ratio Lower Upper

173 100

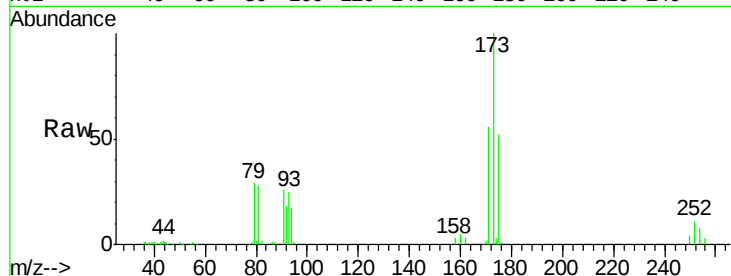
175 50.1 23.7 71.1

254 0.0 0.1 0.1#

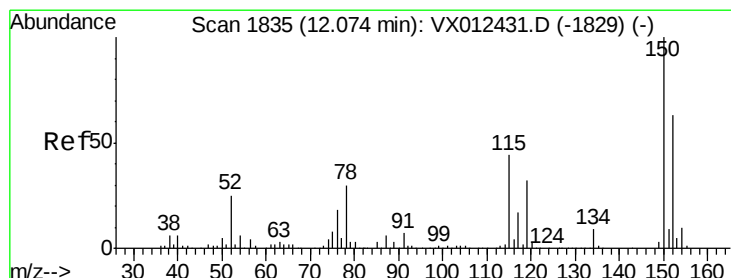
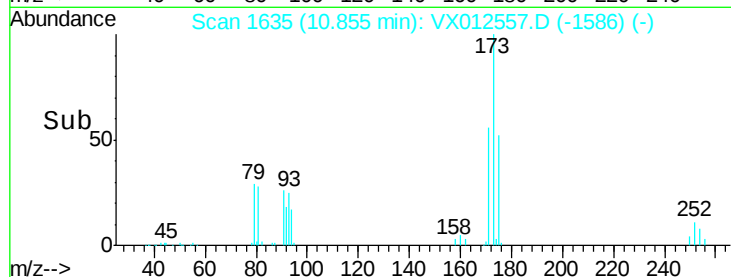
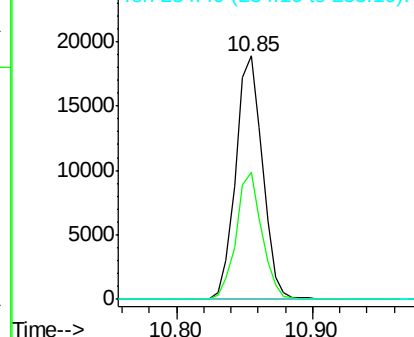
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

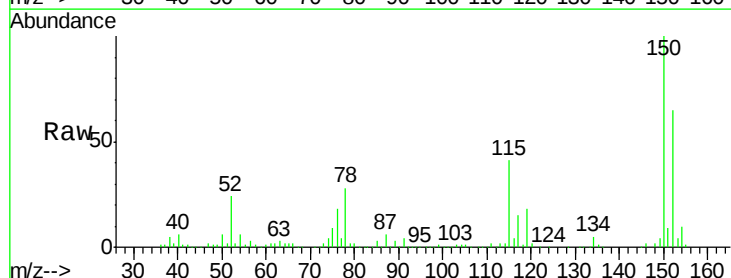
Tgt Ion:152 Resp: 126728

Ion Ratio Lower Upper

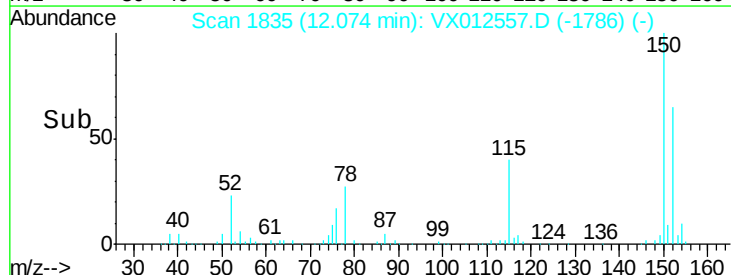
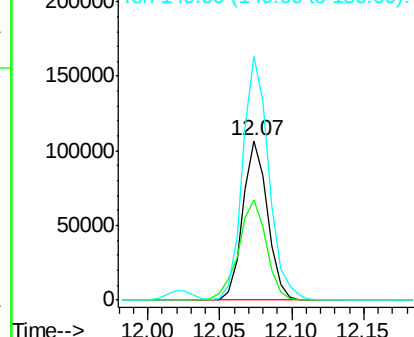
152 100

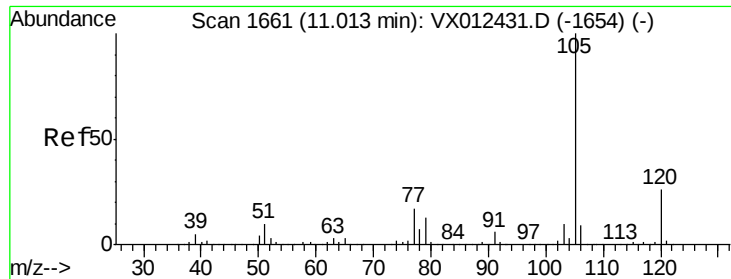
115 71.0 44.1 132.3

150 162.5 0.0 343.8



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: 21.571 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 105 Resp: 171519

Ion Ratio Lower Upper

105 100

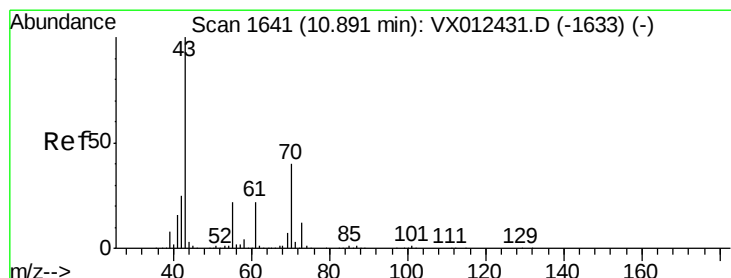
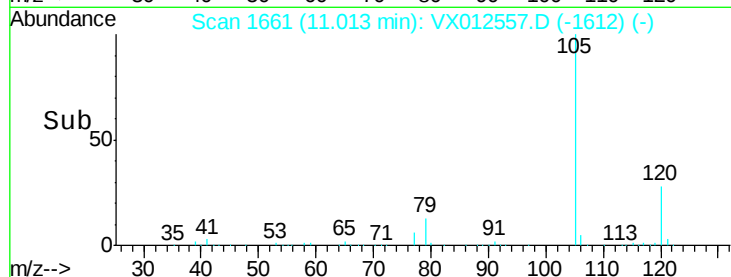
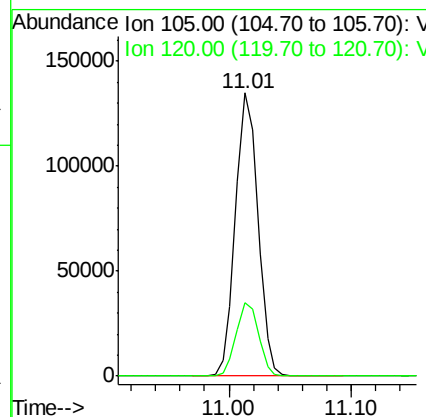
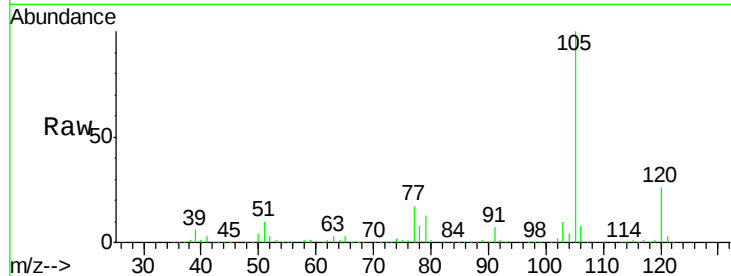
120 26.2 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.970 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion: 43 Resp: 89769

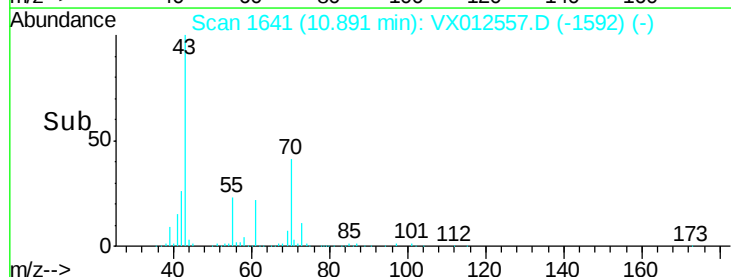
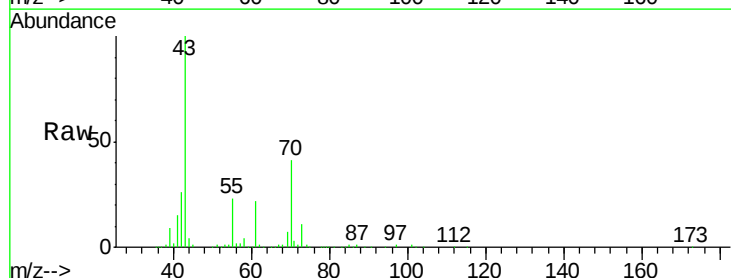
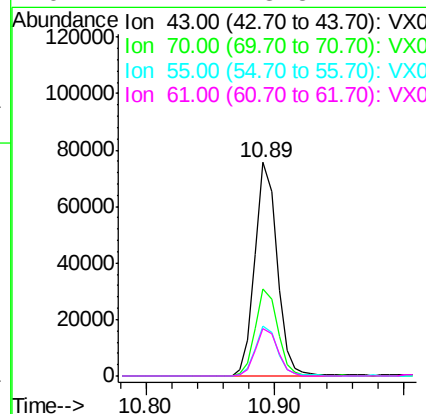
Ion Ratio Lower Upper

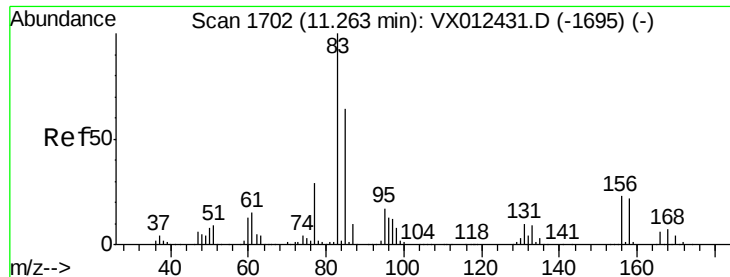
43 100

70 41.8 32.4 48.6

55 23.8 18.2 27.4

61 22.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.930 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

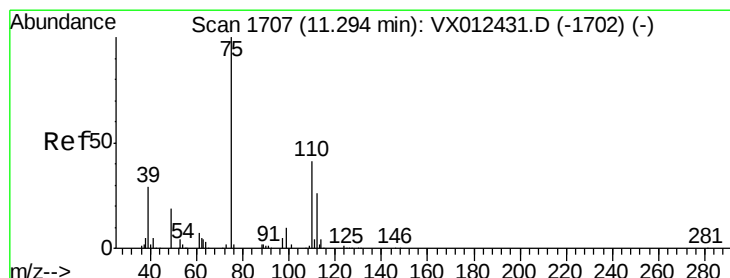
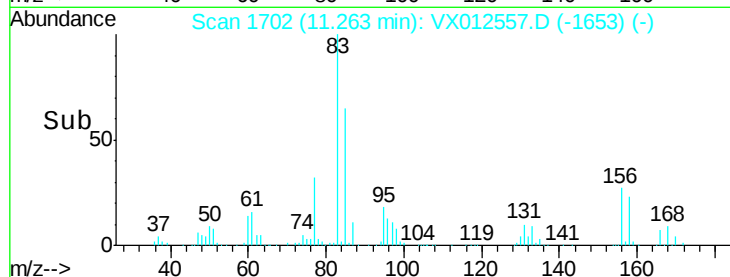
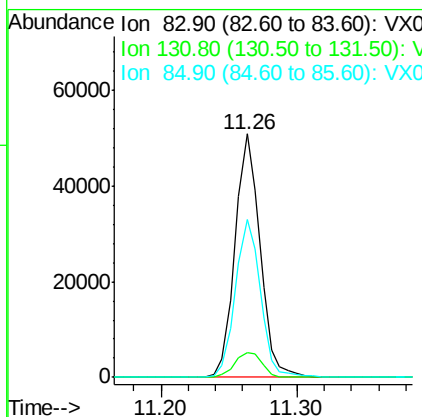
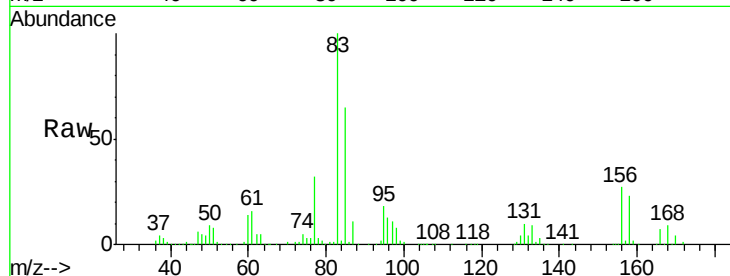
ClientSampled :

VX0920WBSD01

Tot Ion:	83	Resp:	65284
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.2	15.6
85	65.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.494 ug/l m

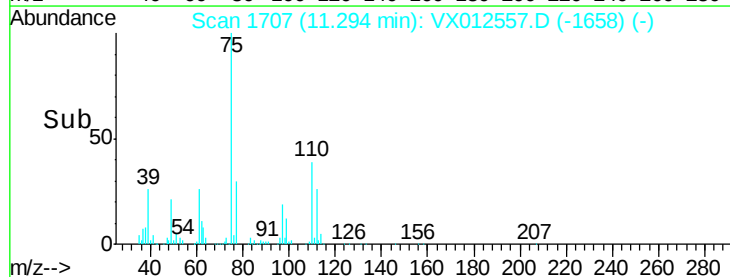
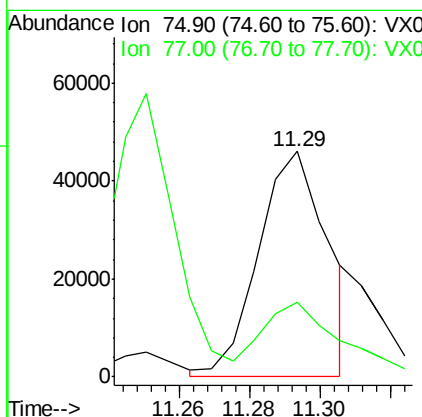
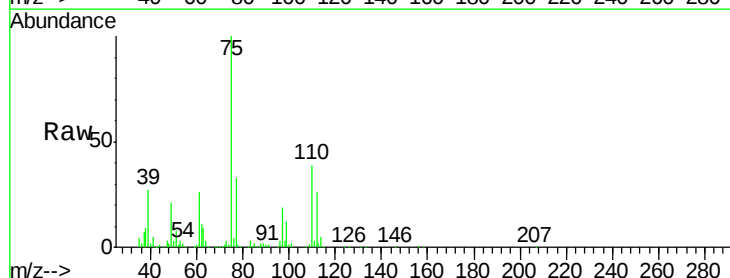
RT: 11.29 min Scan# 1707

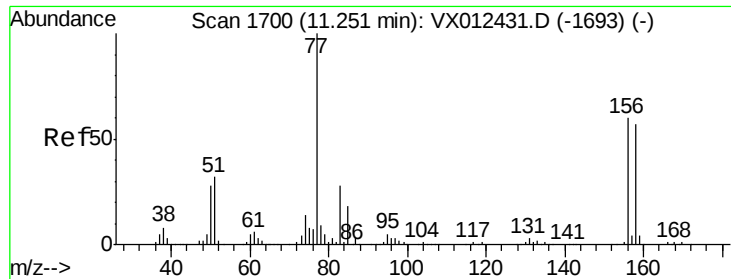
Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion:	75	Resp:	62570
Ion	Ratio	Lower	Upper
75	100		
77	38.2	19.7	59.0





#77

Bromobenzene

Concen: 22.463 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

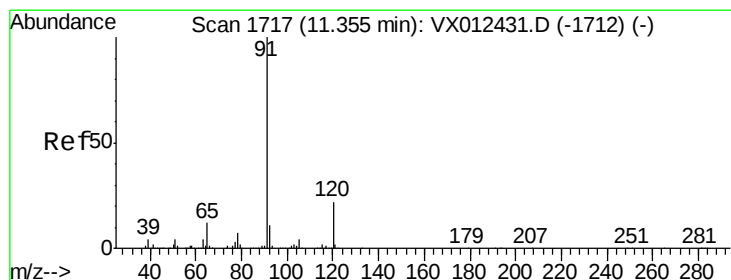
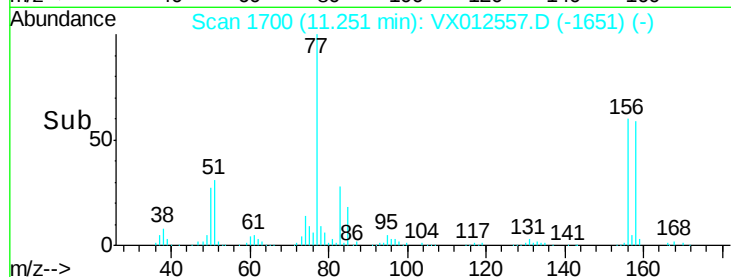
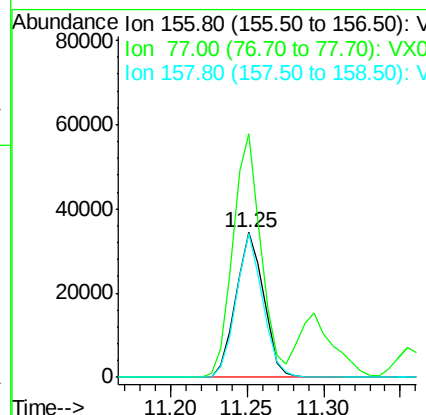
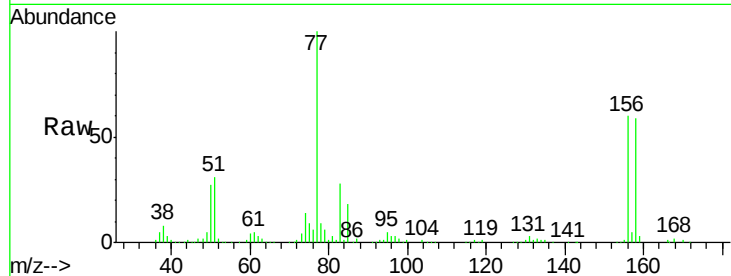
ClientSampleId :

VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.0	87.3	261.8
158	94.6	48.5	145.6

Manual Integrations
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9/23/2019 11:30:01 AM



#78

n-propylbenzene

Concen: 20.756 ug/l

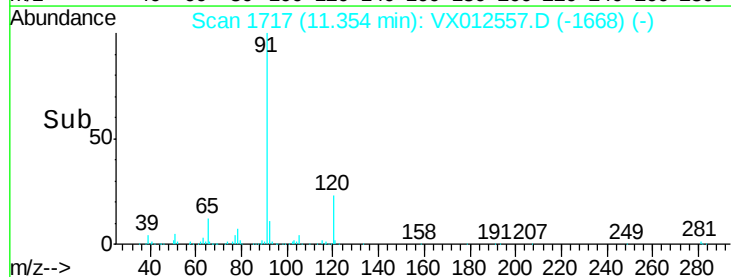
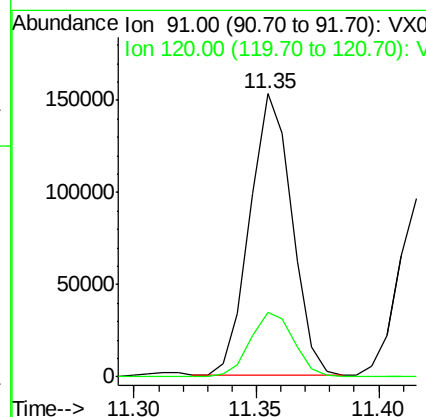
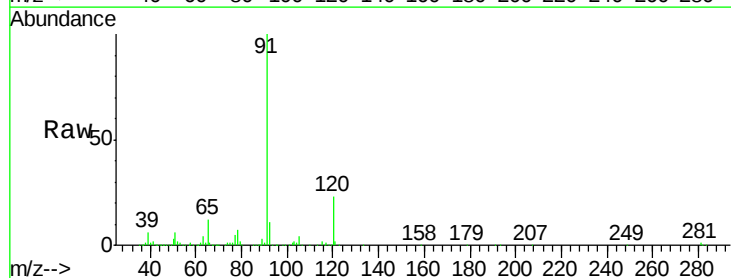
RT: 11.35 min Scan# 1717

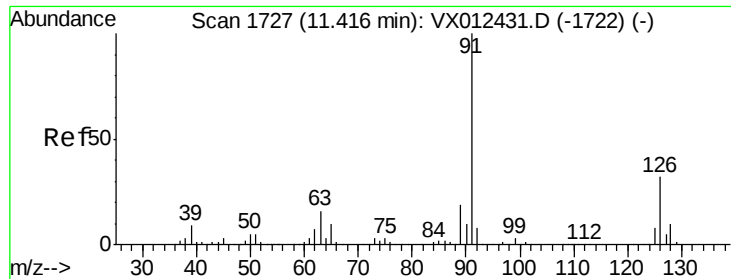
Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.3	33.8





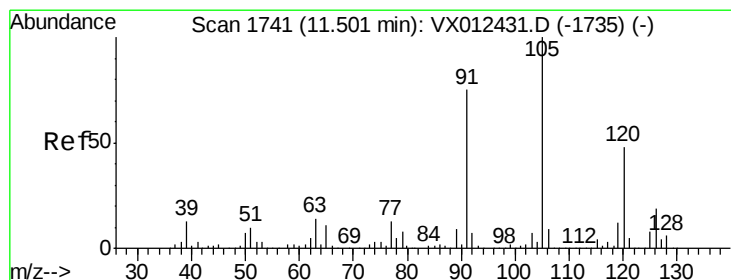
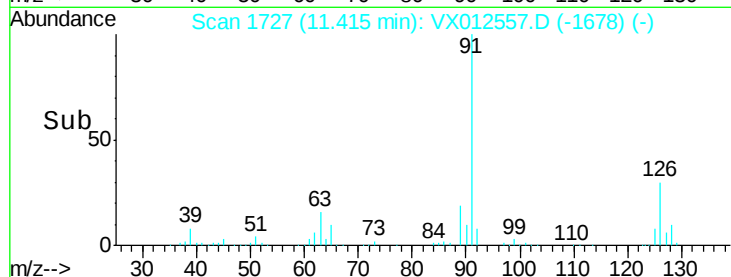
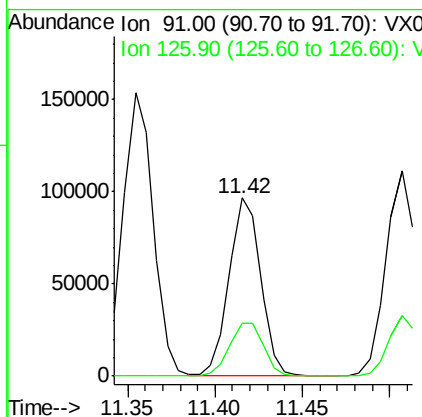
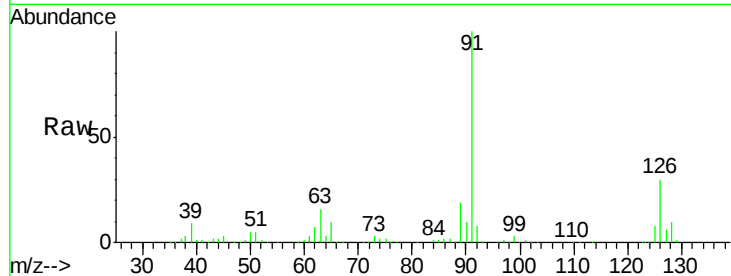
#79
 2-Chlorotoluene
 Concen: 21.043 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0920WBSD01

Tot Ion: 91 Resp: 121318
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4

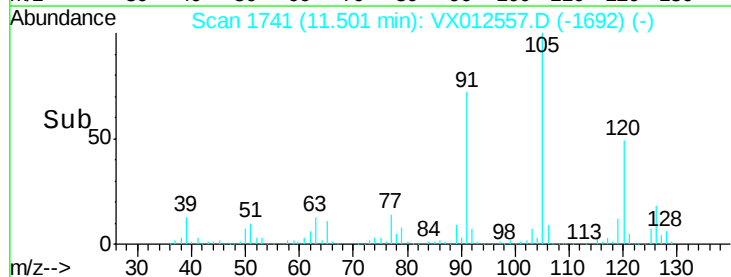
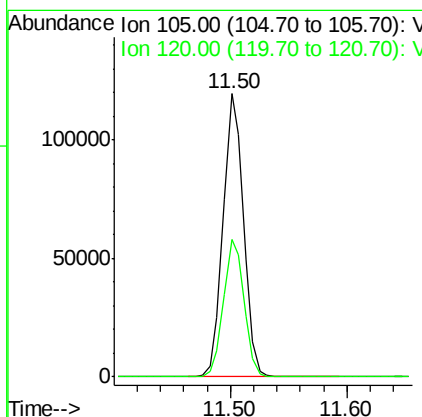
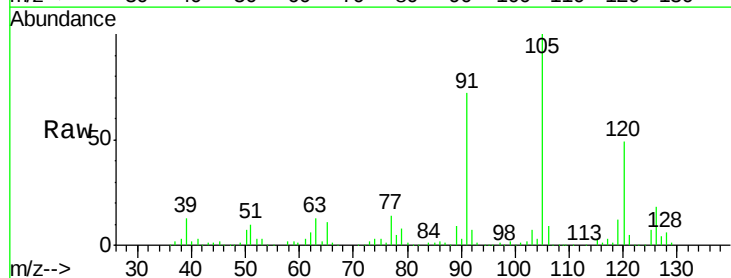
Manual Integrations
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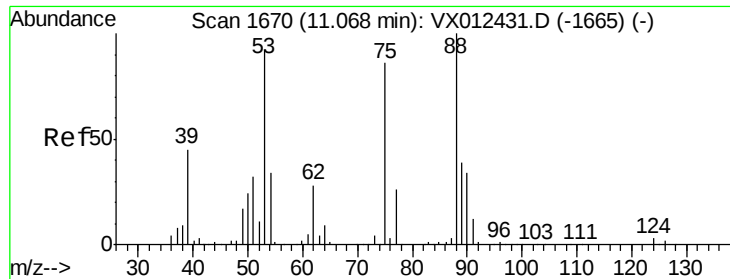
MMDadoda
 9/23/2019 11:30:01 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.266 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 105 Resp: 144210
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.530 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0920WBSD01

Tot Ion: 75 Resp: 17446

Ion Ratio Lower Upper

75 100

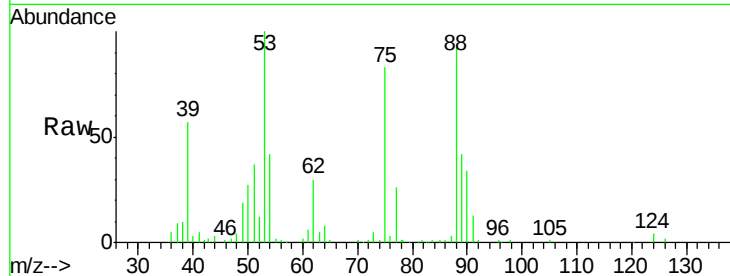
53 119.2 83.6 125.4

89 47.8 36.3 54.5

Manual Integrations
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MMDadoda

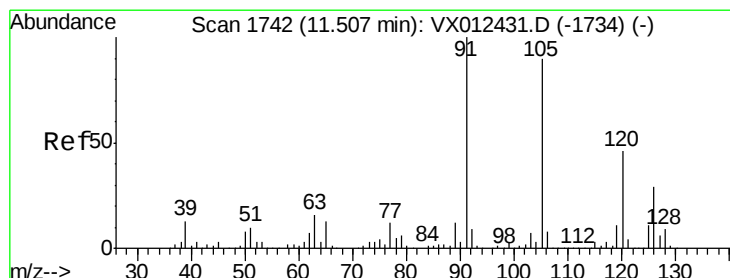
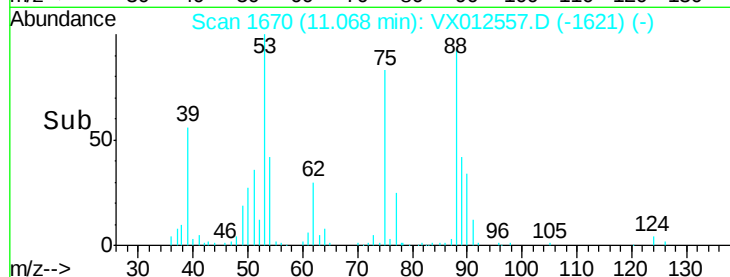
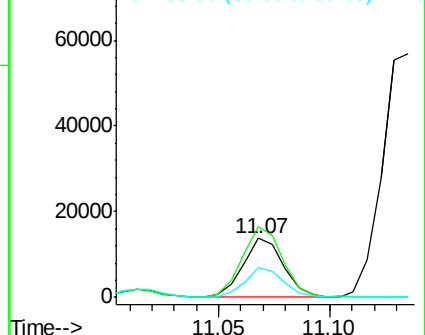
9/23/2019 11:30:01 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.846 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012557.D

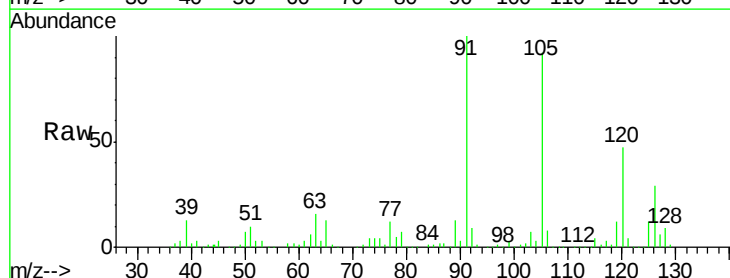
Acq: 20 Sep 2019 15:12

Tgt Ion: 91 Resp: 137938

Ion Ratio Lower Upper

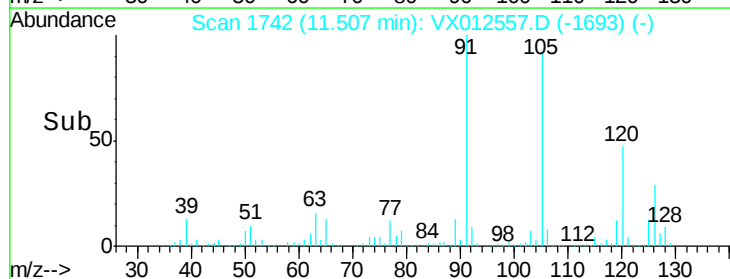
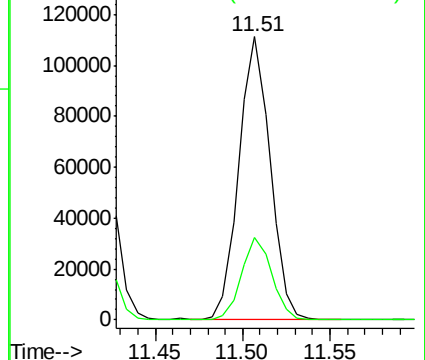
91 100

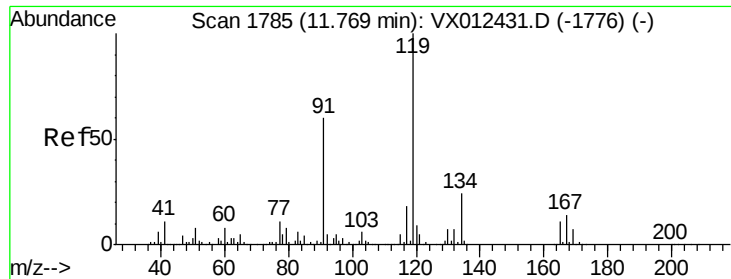
126 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





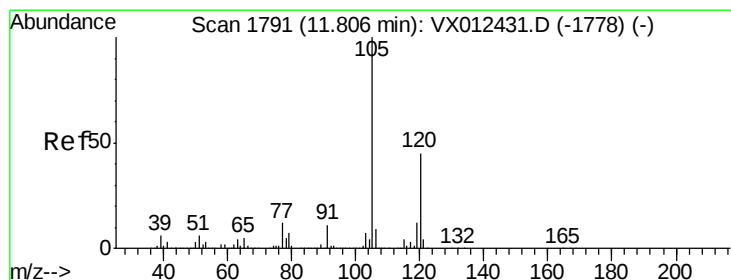
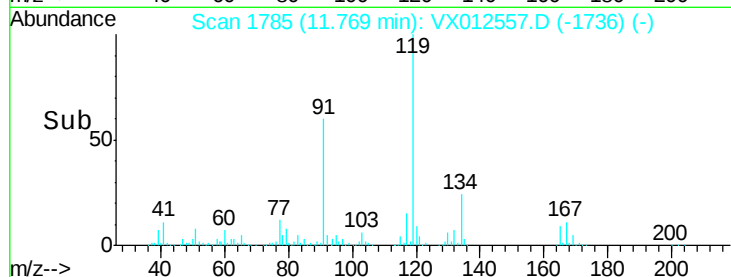
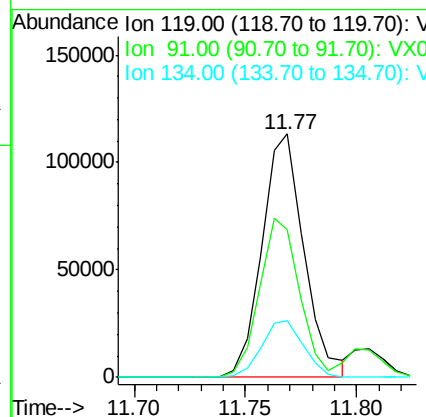
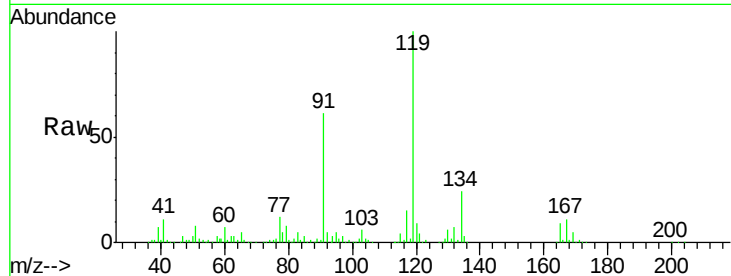
#83
 tert-Butylbenzene
 Concen: 20.497 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	148942		
91	62.0	30.0	90.0	
134	23.3	11.3	33.9	

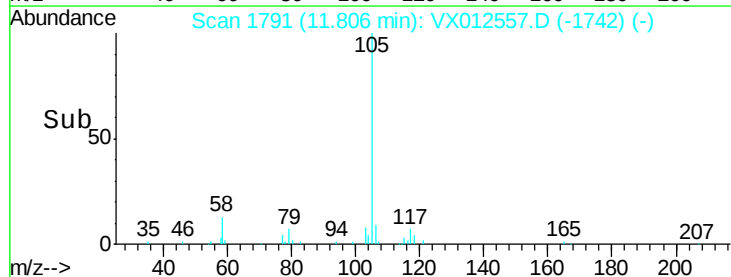
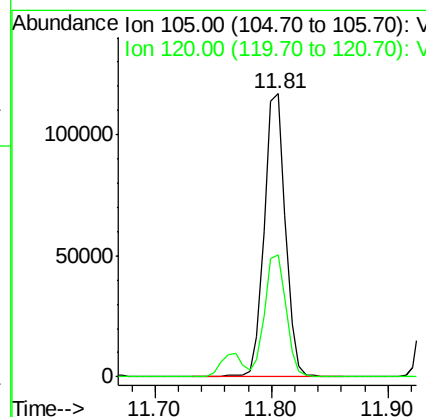
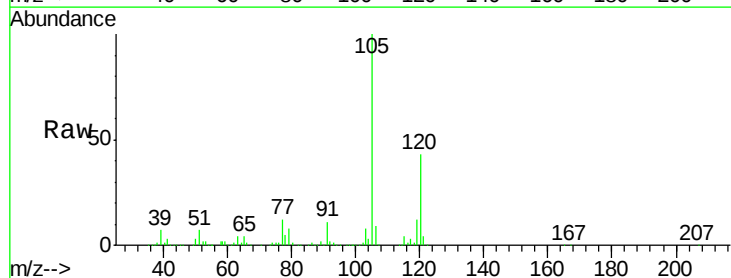
Manual Integrations
 APPROVED

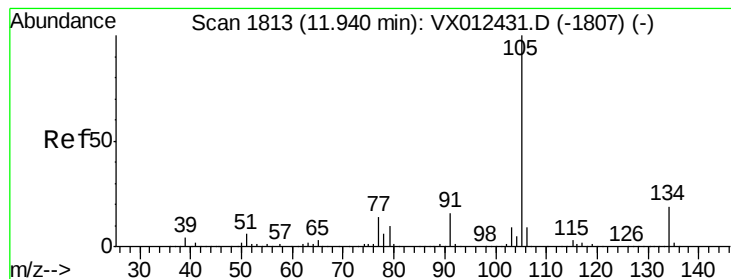
MMDadoda
 9/23/2019 11:30:01 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.470 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	149490		
120	43.6	22.2	66.6	





#85

sec-Butylbenzene

Concen: 21.006 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion:105 Resp: 168196

Ion Ratio Lower Upper

105 100

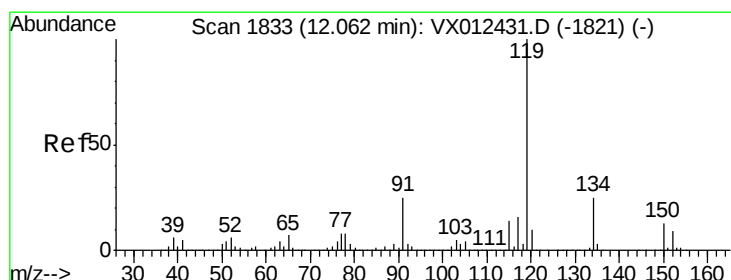
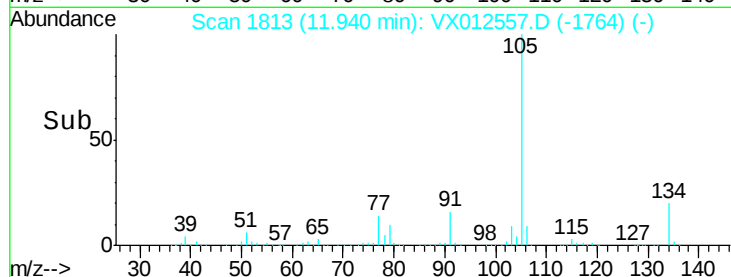
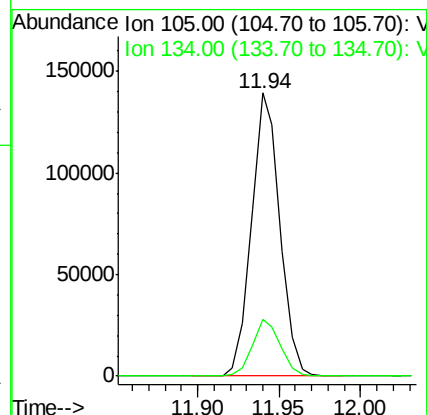
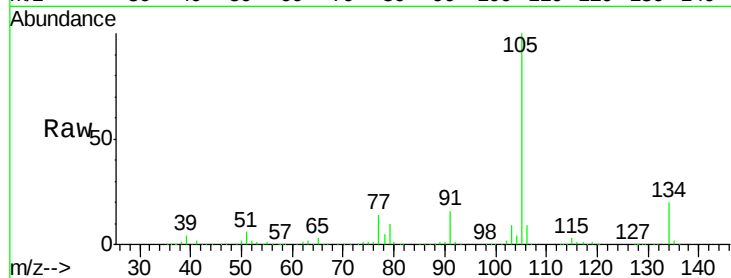
134 20.1 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.183 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

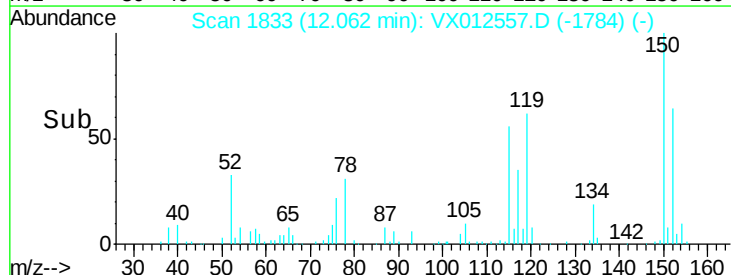
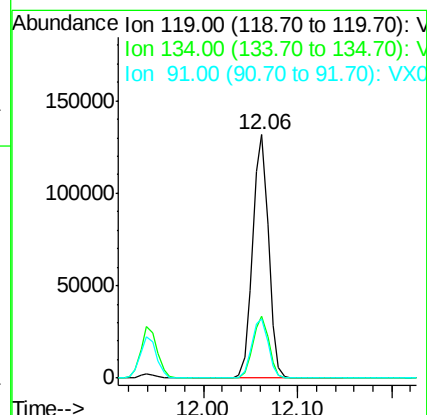
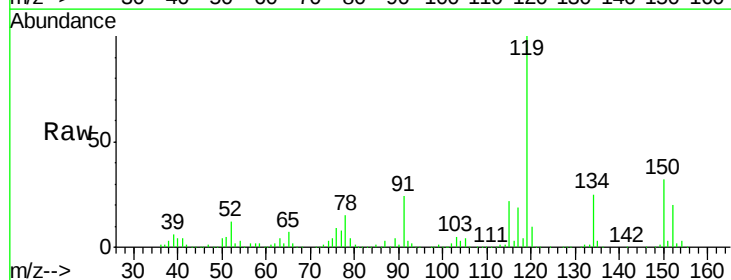
Tgt Ion:119 Resp: 155747

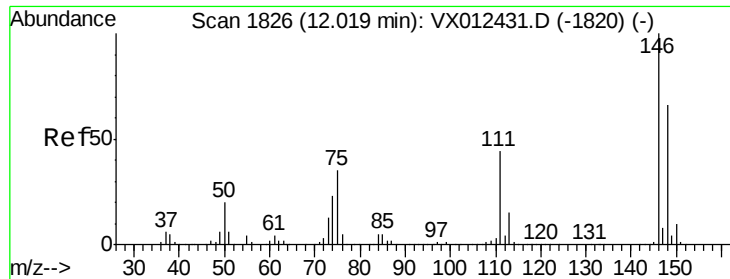
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.3 12.8 38.4





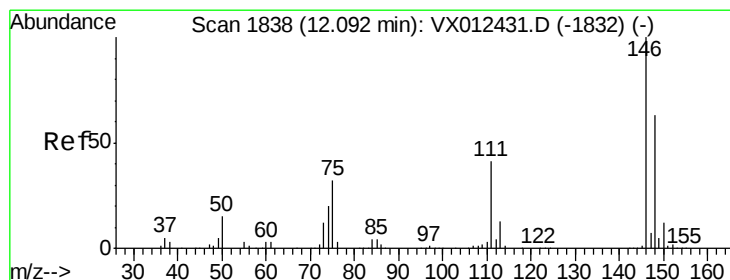
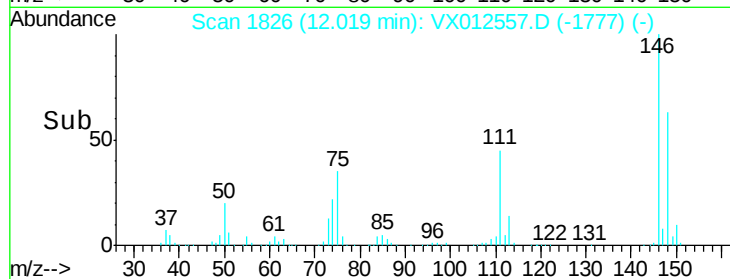
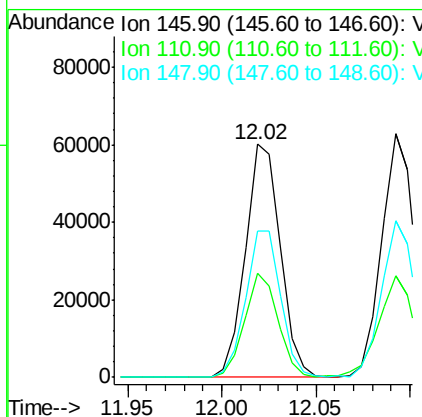
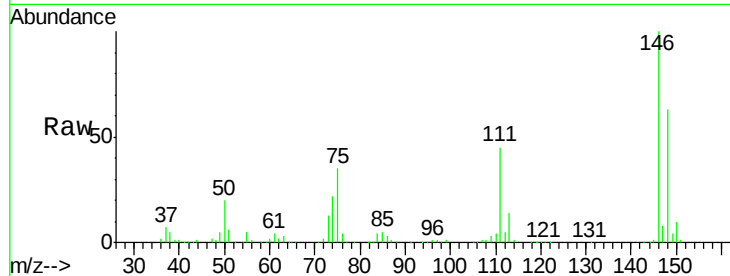
#87
 1,3-Dichlorobenzene
 Concen: 21.225 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	63.0	32.4	97.2

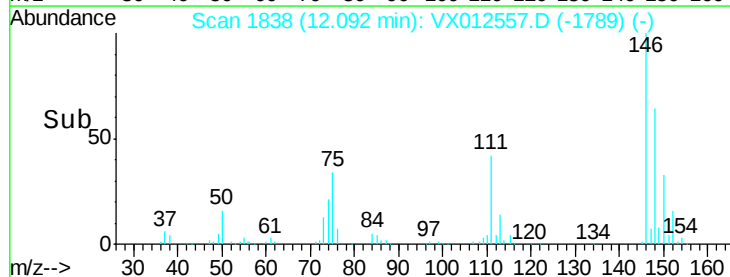
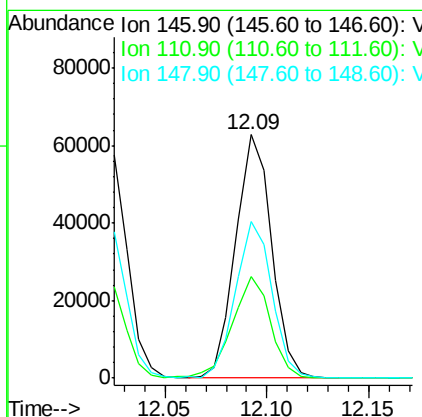
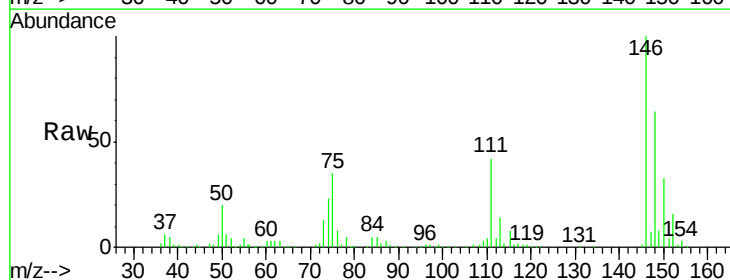
Manual Integrations
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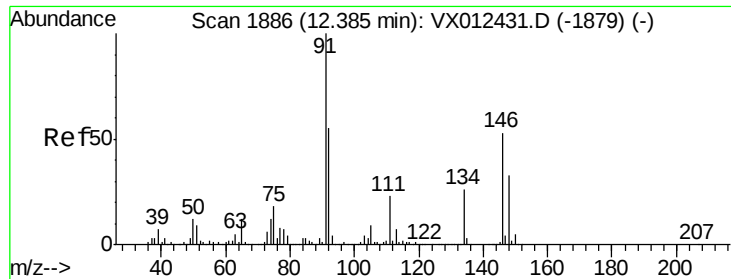
MMDadoda
 9/23/2019 11:30:01 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.3
148	65.4	32.1	96.5





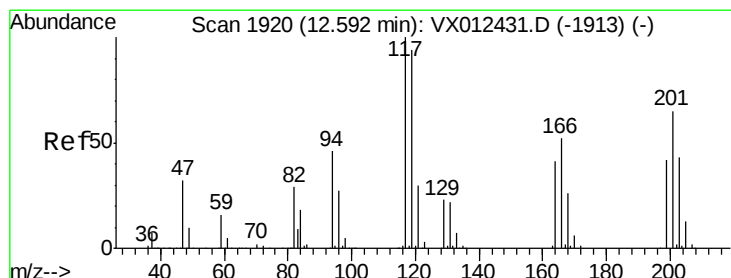
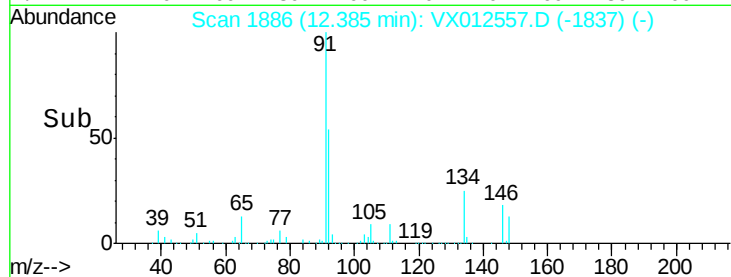
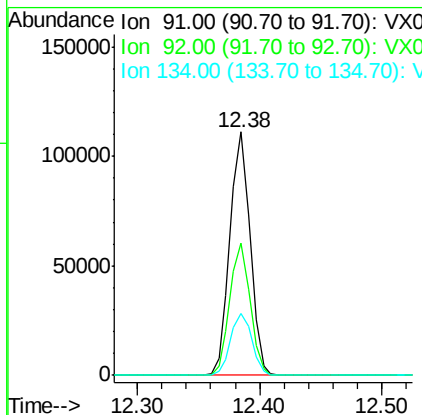
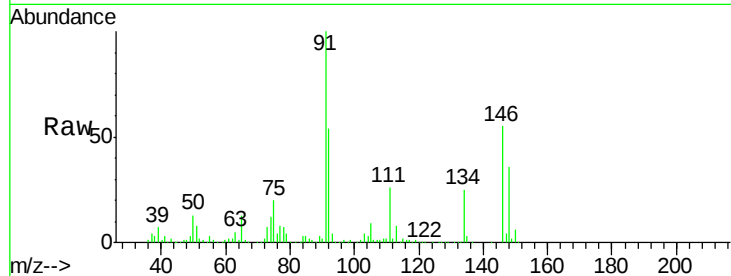
#89
n-Butylbenzene
Concen: 19.414 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.7	83.0
134	26.5	12.9	38.6

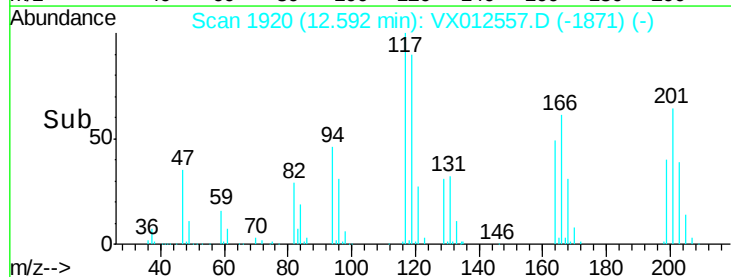
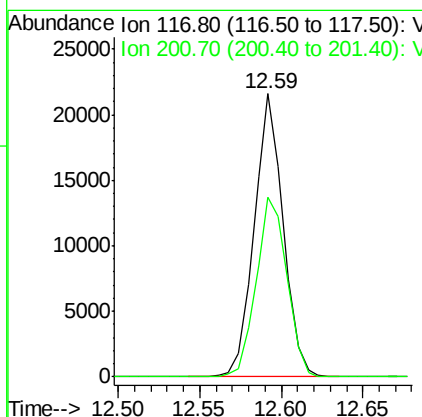
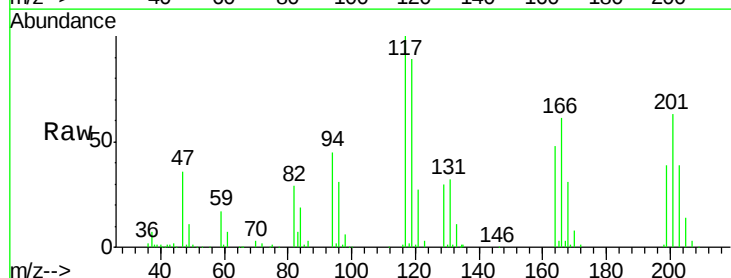
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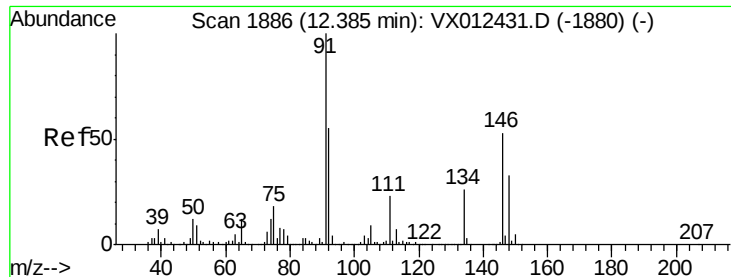
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#90
Hexachloroethane
Concen: 19.700 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	33.3	99.8





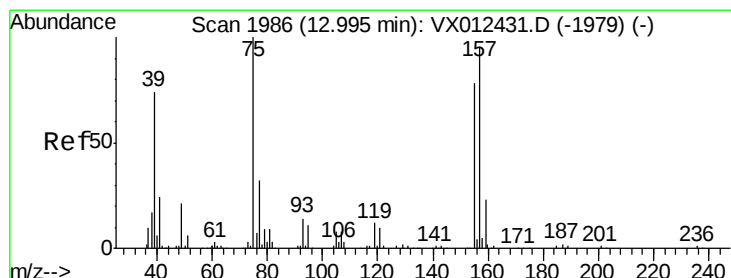
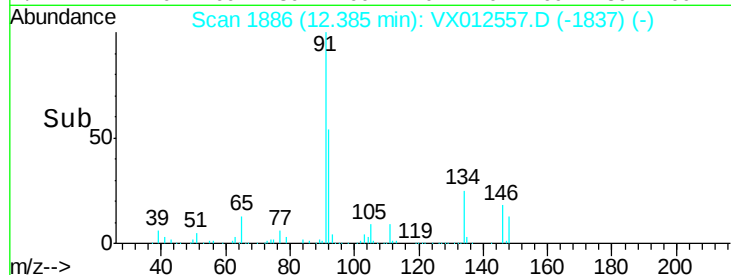
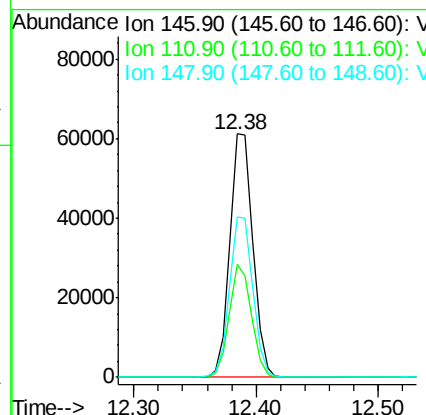
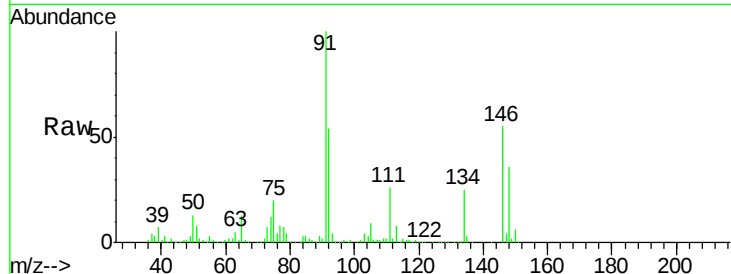
#91
 1,2-Dichlorobenzene
 Concen: 20.889 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.1
148	66.6	31.3	93.9

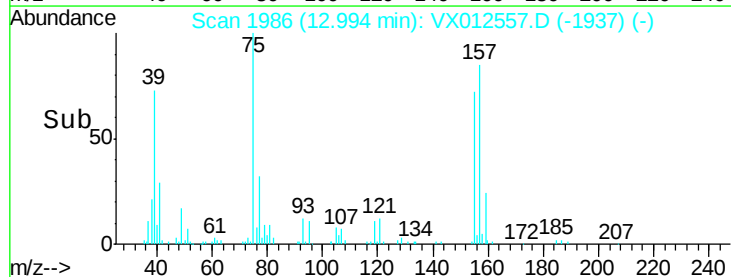
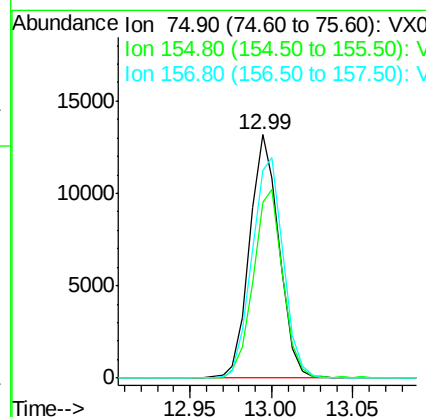
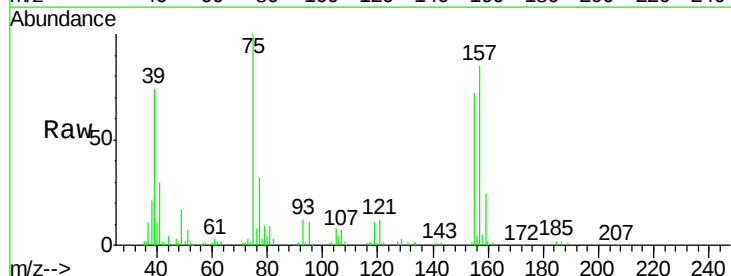
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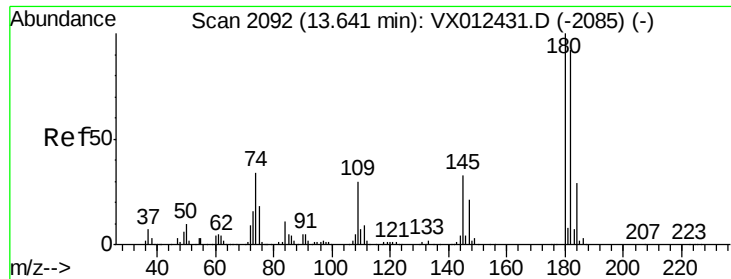
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	38.6	115.8
157	95.6	50.6	151.9





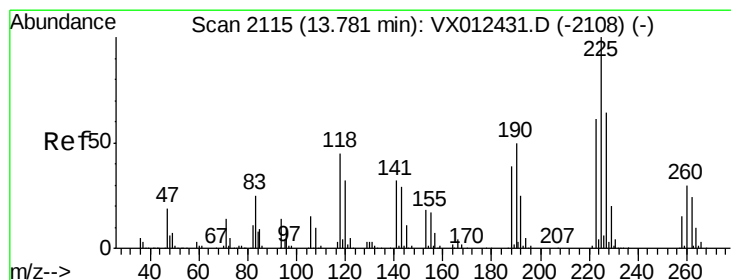
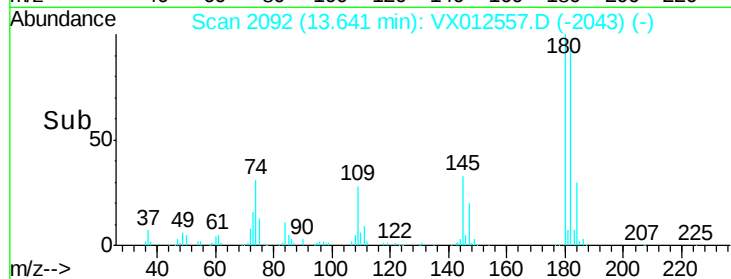
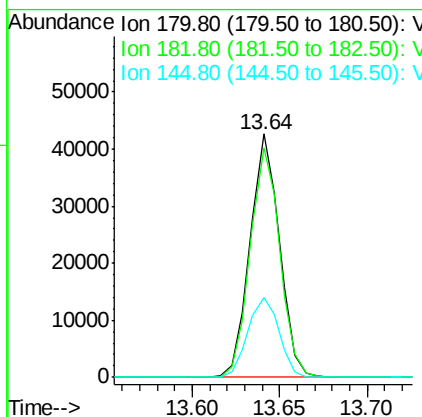
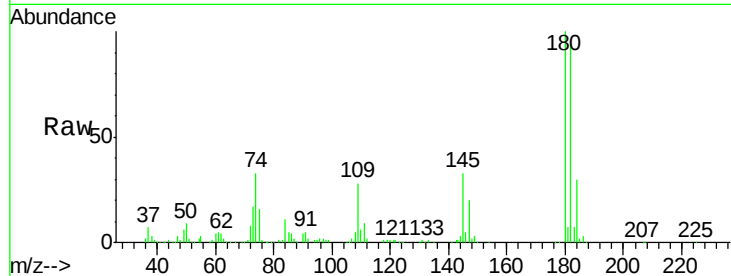
#93
 1,2,4-Trichlorobenzene
 Concen: 20.506 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	50358		
182	95.0		47.0	141.0
145	34.8		16.8	50.4

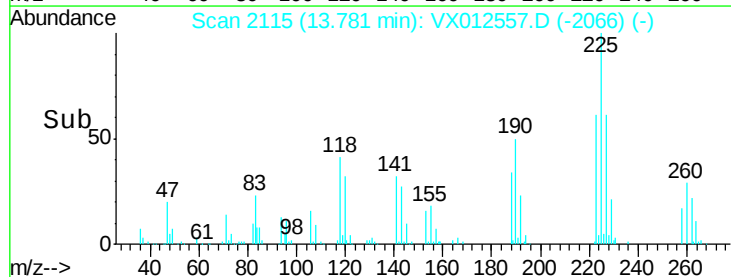
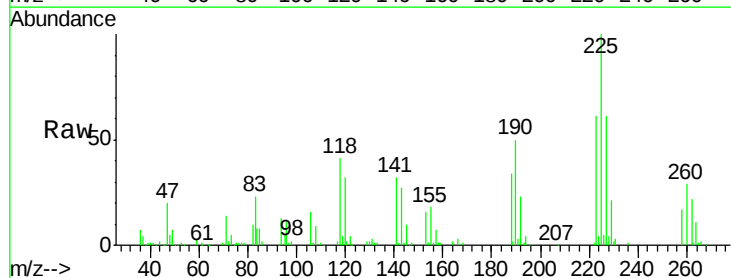
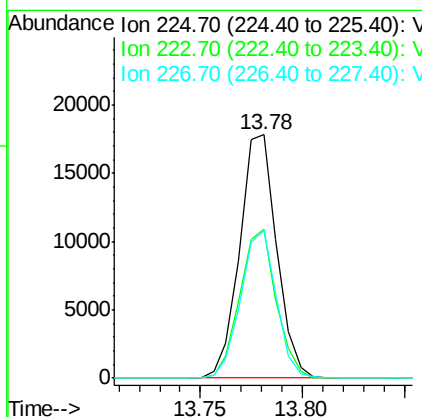
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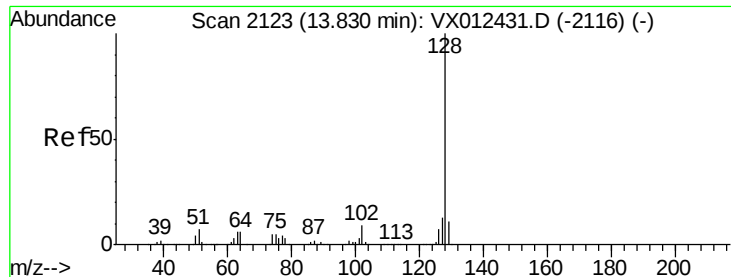
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#94
 Hexachlorobutadiene
 Concen: 19.412 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22469		
223	60.1		32.0	96.2
227	58.4		31.9	95.5





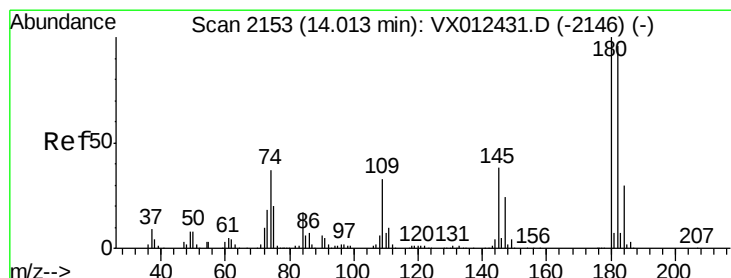
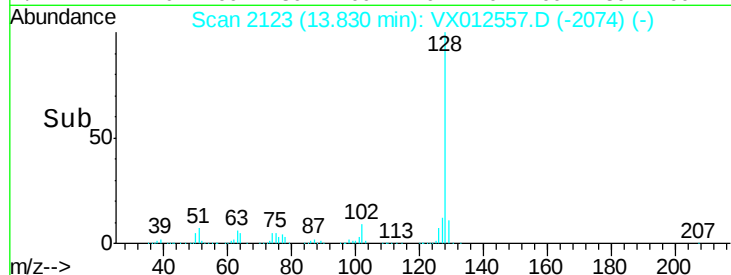
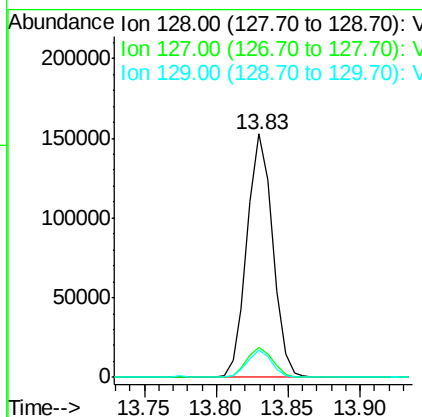
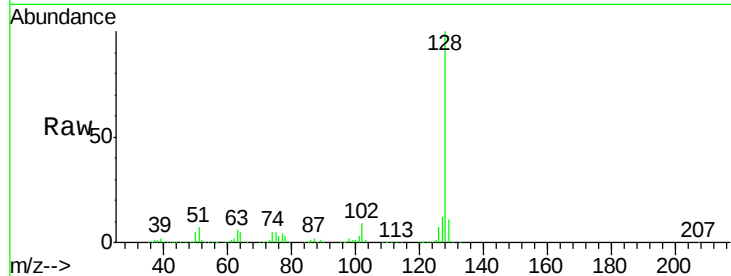
#95
Naphthalene
Concen: 21.569 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	188472		
127	12.6		10.2	15.4
129	10.9		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 21.372 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	53484		
182	94.9		47.1	141.3
145	35.9		18.0	54.0

