

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012653.D
 Acq On : 25 Sep 2019 11:58
 Operator : JC/SP
 Sample : VX0925MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:39 AM

Quant Time: Sep 25 23:32:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	127848	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	92807	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	352269	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	138162	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	35783	18.040	ug/l	96
3) Chloromethane	1.32	50	41667	18.294	ug/l	100
4) Vinyl Chloride	1.40	62	42164	18.624	ug/l	94
5) Bromomethane	1.63	94	22254	25.001	ug/l	94
6) Chloroethane	1.72	64	28853	18.905	ug/l	99
7) Trichlorofluoromethane	1.92	101	59595	18.749	ug/l	98
8) Diethyl Ether	2.18	74	25645	19.688	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36895	19.058	ug/l	96
10) Methyl Iodide	2.50	142	35256	20.527	ug/l	98
11) Tert butyl alcohol	3.03	59	69749	108.748	ug/l	97
12) 1,1-Dichloroethene	2.36	96	36915	19.473	ug/l	96
13) Acrolein	2.28	56	28429	86.545	ug/l	98
14) Allyl chloride	2.72	41	72383	19.245	ug/l	97
15) Acrylonitrile	3.13	53	128966	99.111	ug/l	99
16) Acetone	2.44	43	134035	98.558	ug/l	99
17) Carbon Disulfide	2.56	76	91721	17.258	ug/l	100
18) Methyl Acetate	2.76	43	63072	19.696	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	141649	19.741	ug/l	98
20) Methylene Chloride	2.85	84	43366	18.853	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	39144	18.638	ug/l	93
22) Diisopropyl ether	3.84	45	141944	19.531	ug/l	93
23) Vinyl Acetate	3.80	43	625196	98.097	ug/l	99
24) 1,1-Dichloroethane	3.69	63	77127	19.524	ug/l	96
25) 2-Butanone	4.66	43	190635	97.762	ug/l	95
26) 2,2-Dichloropropane	4.57	77	66512	18.930	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	47452	19.472	ug/l	95
28) Bromochloromethane	5.01	49	29110	20.294	ug/l	95
29) Tetrahydrofuran	5.12	42	119418	100.476	ug/l	99
30) Chloroform	5.20	83	77263	19.117	ug/l	95
31) Cyclohexane	5.57	56	69019	19.312	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	66780	18.643	ug/l	98
36) 1,1-Dichloropropene	5.79	75	56720	18.640	ug/l	98
37) Ethyl Acetate	4.82	43	69487	19.533	ug/l	97
38) Carbon Tetrachloride	5.78	117	56828	18.385	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67095	18.316	ug/l	96
40) Benzene	6.14	78	167097	18.664	ug/l	98
41) Methacrylonitrile	5.04	41	39344	19.712	ug/l	97
42) 1,2-Dichloroethane	6.19	62	66556	19.577	ug/l	99
43) Isopropyl Acetate	6.43	43	113086	19.009	ug/l	98
44) Trichloroethene	7.20	130	42706	18.659	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43676	19.055	ug/l	99
46) Dibromomethane	7.65	93	29222	18.725	ug/l	93
47) Bromodichloromethane	7.89	83	57650	18.483	ug/l	99
48) Methyl methacrylate	7.76	41	54013	18.935	ug/l	96
49) 1,4-Dioxane	7.73	88	25671	396.763	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	354779	96.610	ug/l	98
52) Toluene	8.78	92	106736	18.969	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	62736	18.179	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69770	18.517	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42398	18.952	ug/l	97
56) Ethyl methacrylate	9.17	69	70258	18.694	ug/l	97
57) 1,3-Dichloropropane	9.37	76	76072	19.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176814	104.807	ug/l	98
59) 2-Hexanone	9.48	43	274546	97.672	ug/l	96
60) Dibromochloromethane	9.57	129	41671	18.401	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43954	18.879	ug/l	96
64) Tetrachloroethene	9.33	164	39162	19.898	ug/l	95
65) Chlorobenzene	10.14	112	108776	18.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	40221	18.674	ug/l	97
67) Ethyl Benzene	10.25	91	201444	18.684	ug/l	95
68) m/p-Xylenes	10.36	106	150729	37.320	ug/l	99
69) o-Xylene	10.70	106	73118	18.709	ug/l	97
70) Styrene	10.71	104	123535	18.856	ug/l	100
71) Bromoform	10.85	173	26416	17.614	ug/l #	98
73) Isopropylbenzene	11.01	105	195354	19.630	ug/l	100
74) N-amyl acetate	10.89	43	92204	19.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65405	19.844	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64579m	19.980	ug/l	
77) Bromobenzene	11.25	156	43147	19.156	ug/l	93
78) n-propylbenzene	11.35	91	218216	19.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	135279	19.355	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	165579	19.841	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20768	18.414	ug/l	99
82) 4-Chlorotoluene	11.51	91	158080	19.841	ug/l	97
83) tert-Butylbenzene	11.76	119	158151	19.645	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	166448	19.771	ug/l	99
85) sec-Butylbenzene	11.94	105	183956	19.646	ug/l	99
86) p-Isopropyltoluene	12.06	119	167001	19.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77436	19.104	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79709	19.461	ug/l	98
89) n-Butylbenzene	12.39	91	140964	18.934	ug/l	98
90) Hexachloroethane	12.59	117	27538	18.283	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	80301	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15748	19.101	ug/l	95

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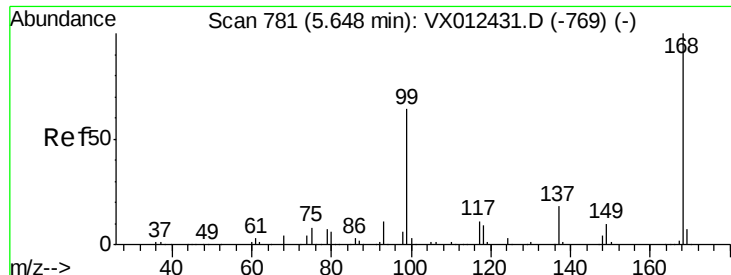
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46147	18.647	ug/l	99
94) Hexachlorobutadiene	13.78	225	20287	19.055	ug/l	100
95) Naphthalene	13.83	128	180979	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47196	19.038	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion:168 Resp: 176317

Ion Ratio Lower Upper

168 100

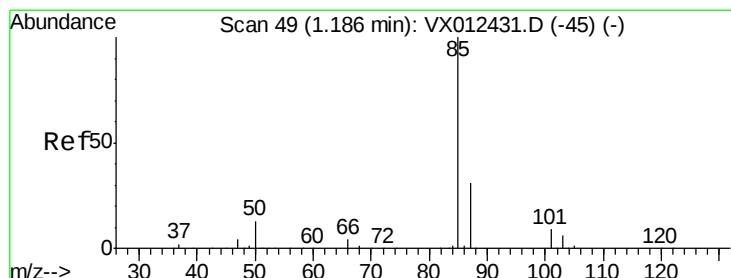
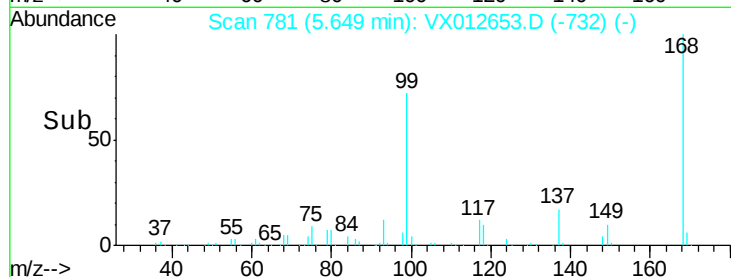
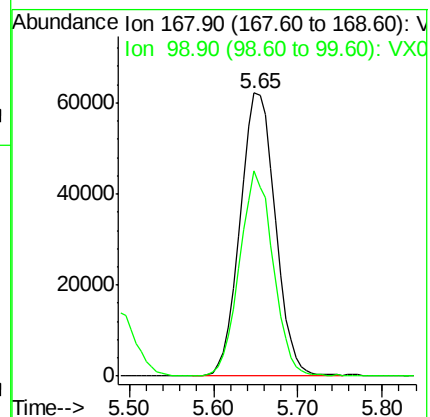
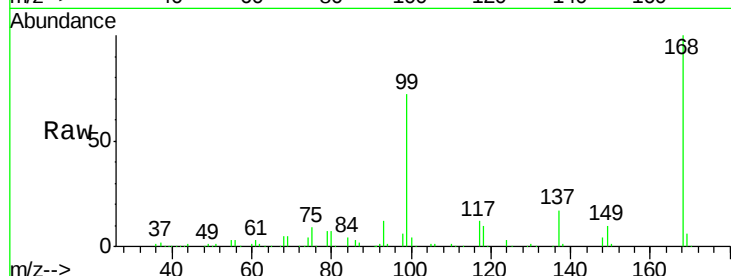
99 72.4 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.040 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012653.D

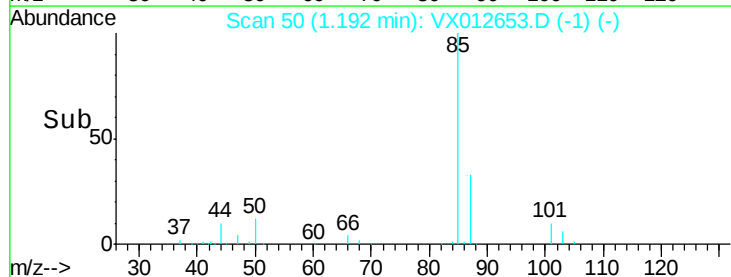
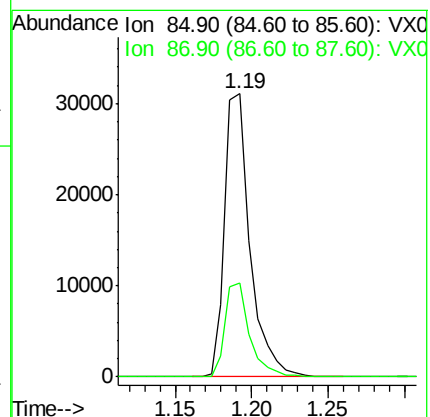
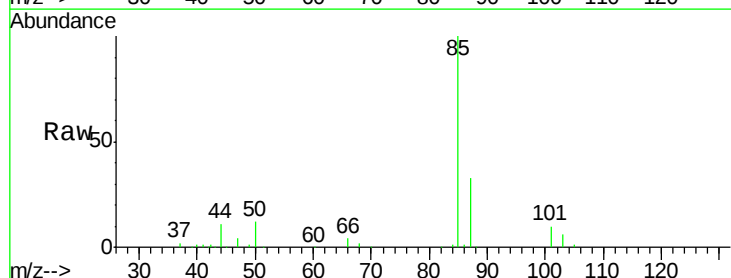
Acq: 25 Sep 2019 11:58

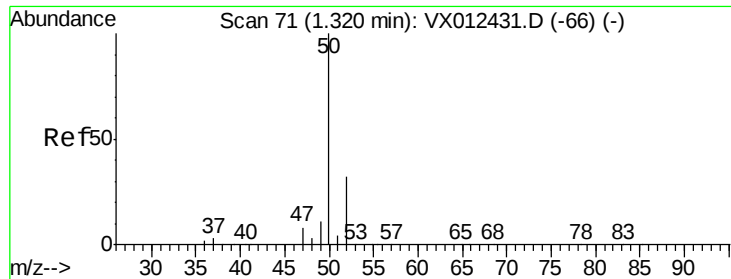
Tgt Ion: 85 Resp: 35783

Ion Ratio Lower Upper

85 100

87 33.3 15.6 46.8





#3

Chloromethane

Concen: 18.294 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 50 Resp: 41667

Ion Ratio Lower Upper

50 100

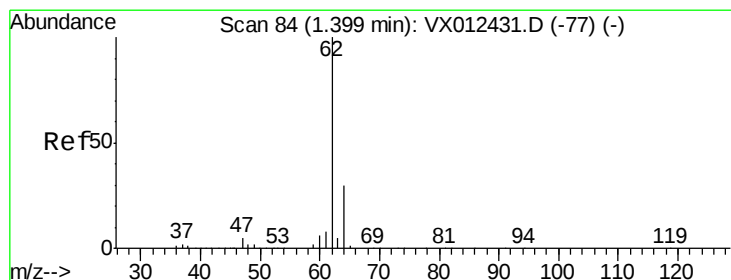
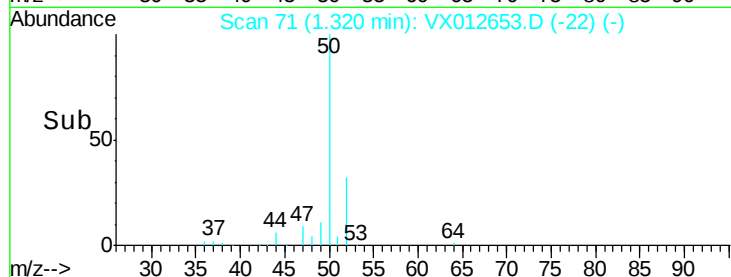
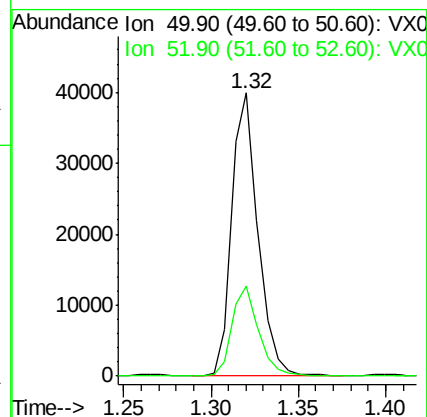
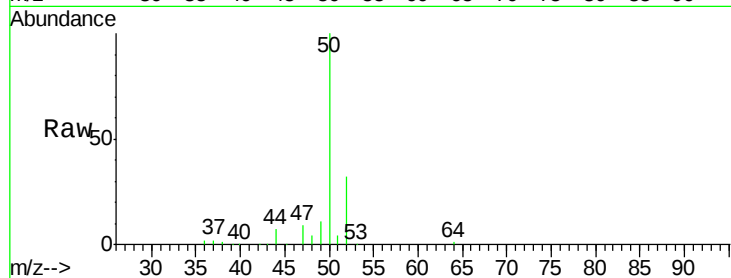
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.624 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012653.D

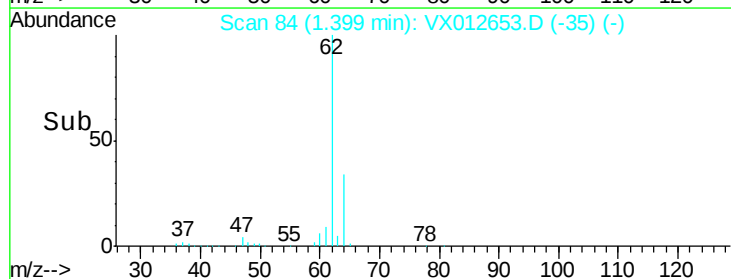
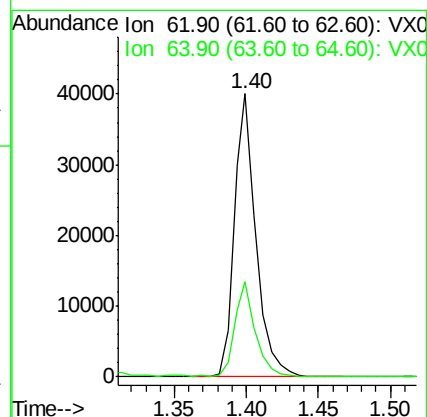
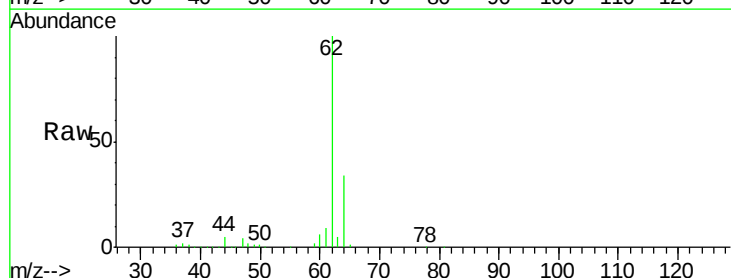
Acq: 25 Sep 2019 11:58

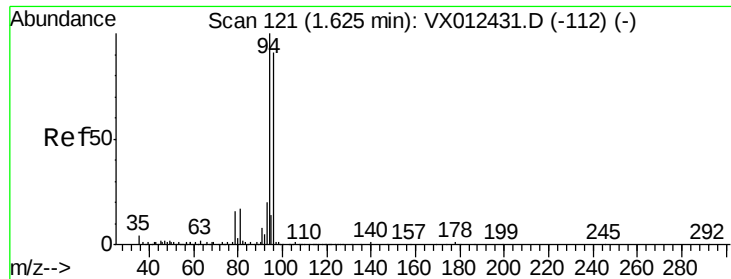
Tgt Ion: 62 Resp: 42164

Ion Ratio Lower Upper

62 100

64 33.3 24.2 36.2





#5

Bromomethane

Concen: 25.001 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 94 Resp: 22254

Ion Ratio Lower Upper

94 100

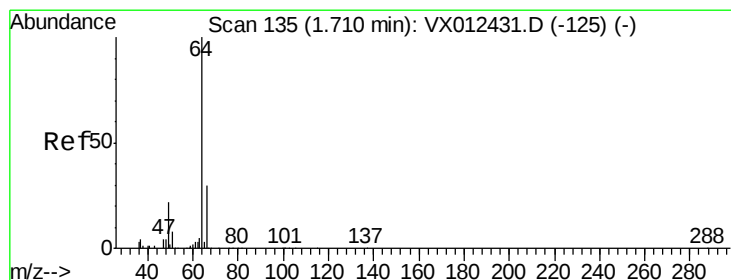
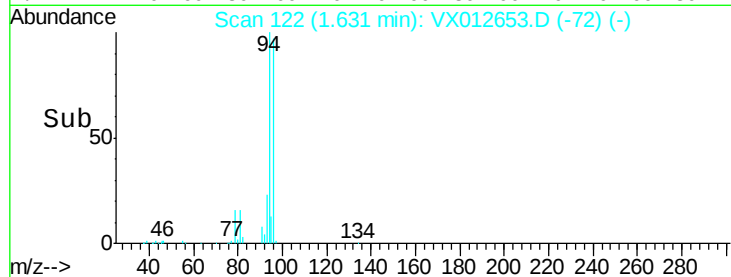
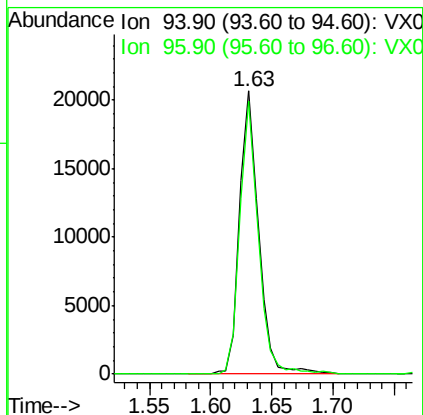
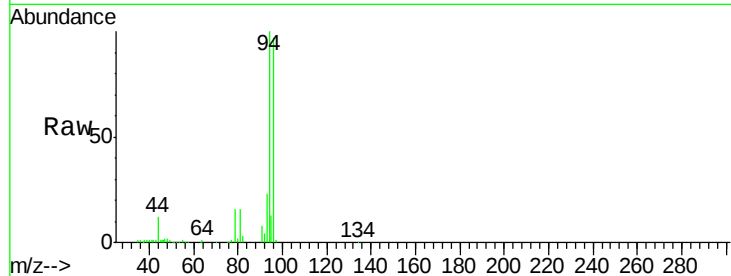
96 96.5 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 18.905 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012653.D

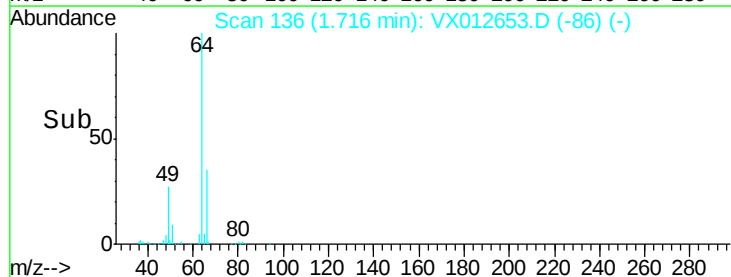
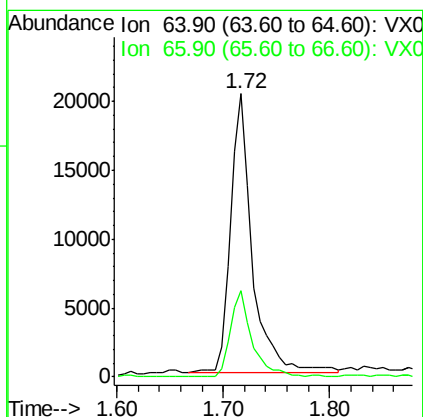
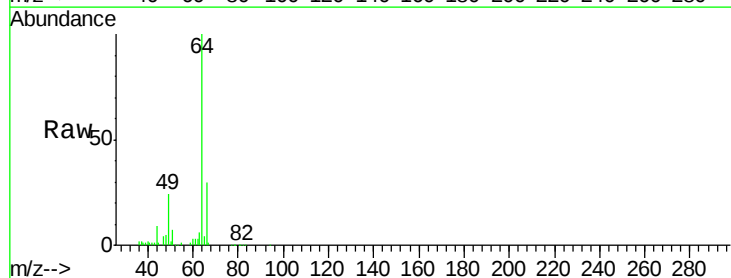
Acq: 25 Sep 2019 11:58

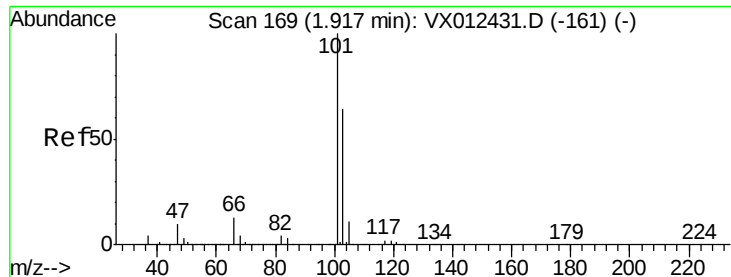
Tgt Ion: 64 Resp: 28853

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

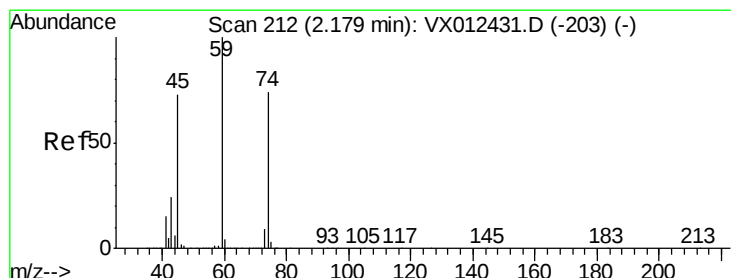
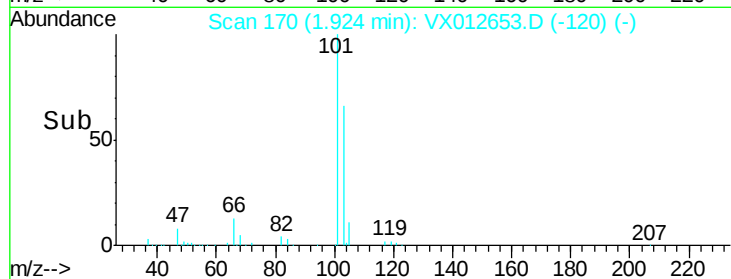
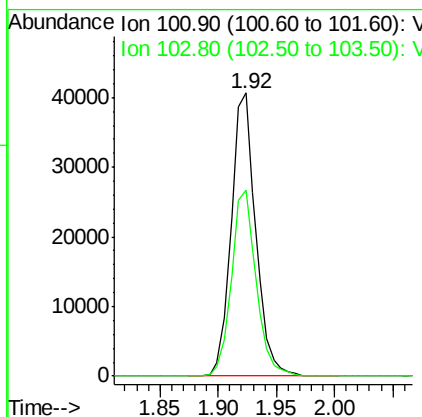
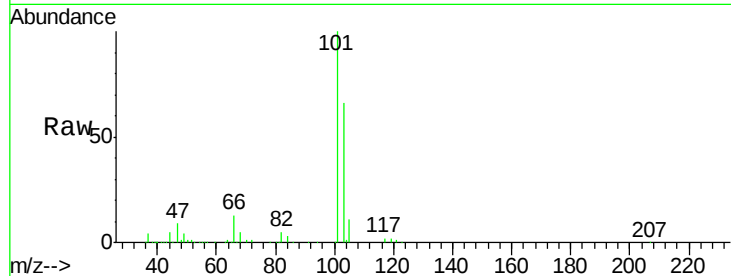
Trichlorofluoromethane
Concen: 18.749 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
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ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.4

Manual Integrations
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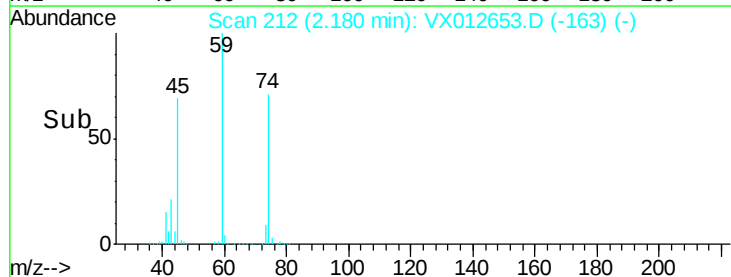
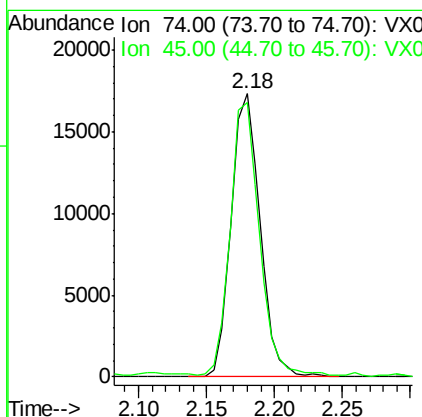
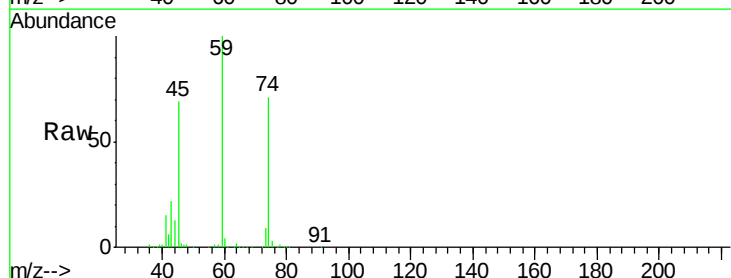
MMDadoda
9/26/2019 9:33:39 AM

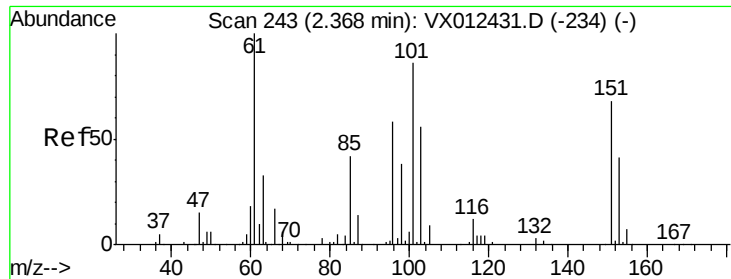


#8

Diethyl Ether
Concen: 19.688 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.058 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

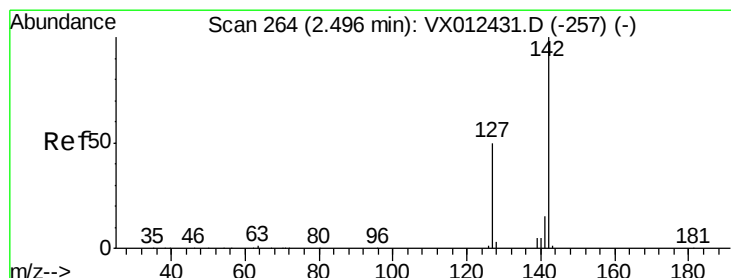
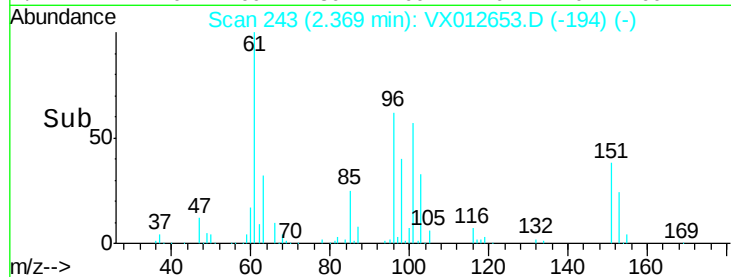
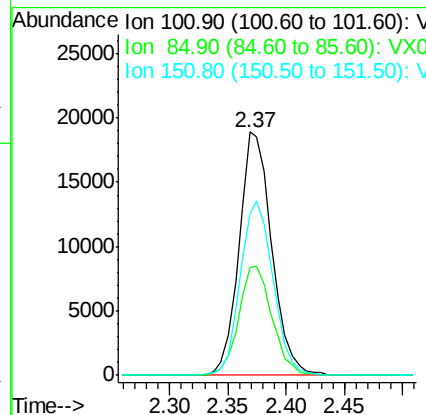
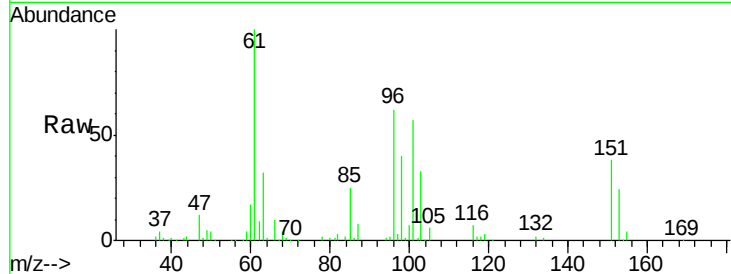
ClientSampleId :

VX0925MBS01

Tot Ion:	101	Resp:	36895
Ion Ratio	Lower	Upper	
101	100		
85	45.6	37.3	55.9
151	71.9	61.0	91.4

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#10

Methyl Iodide

Concen: 20.527 ug/l

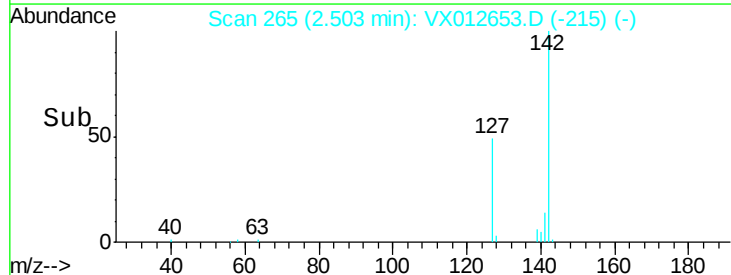
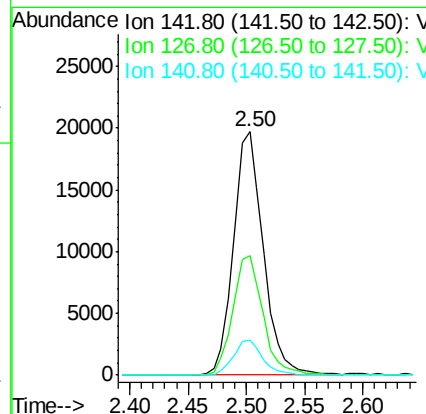
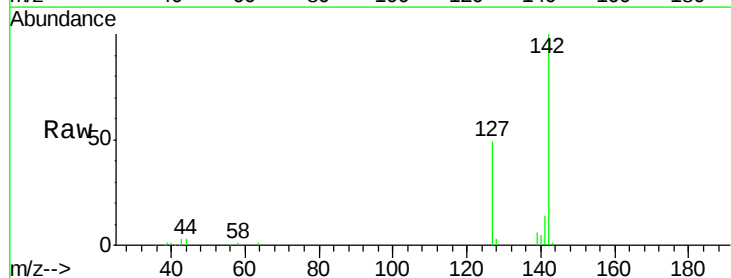
RT: 2.50 min Scan# 265

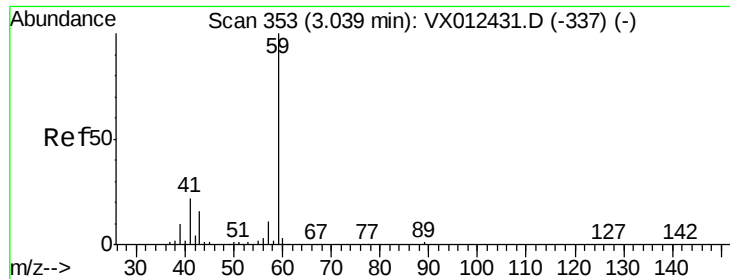
Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	142	Resp:	35256
Ion Ratio	Lower	Upper	
142	100		
127	49.4	40.8	61.2
141	13.9	12.1	18.1





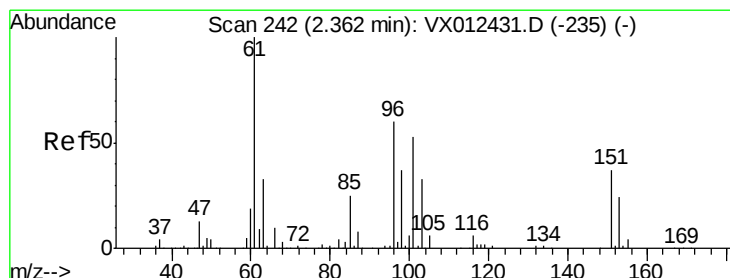
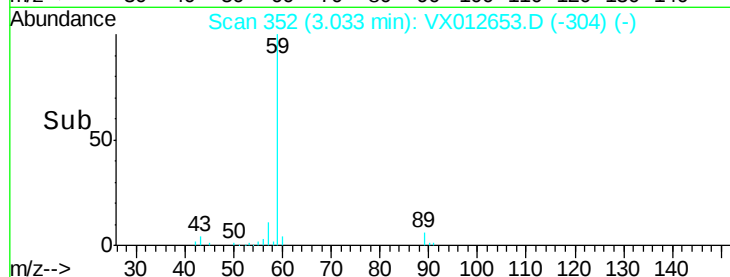
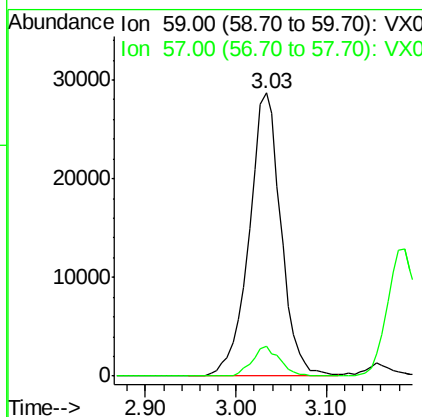
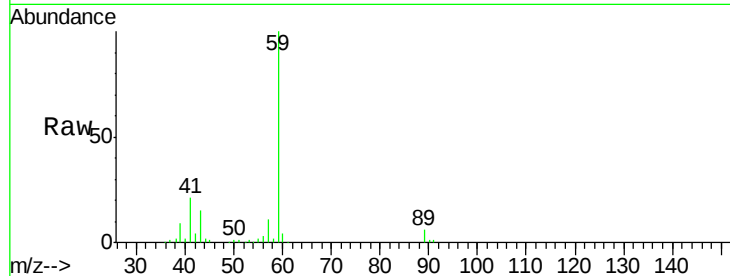
#11
Tert butyl alcohol
Concen: 108.748 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5

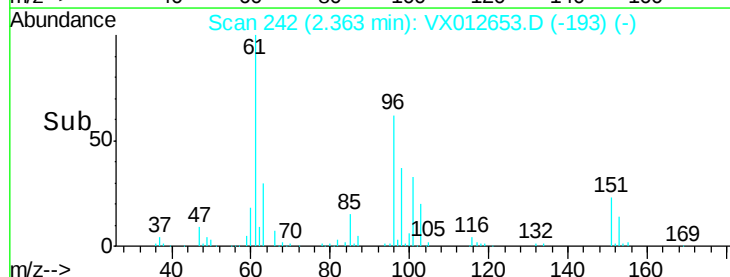
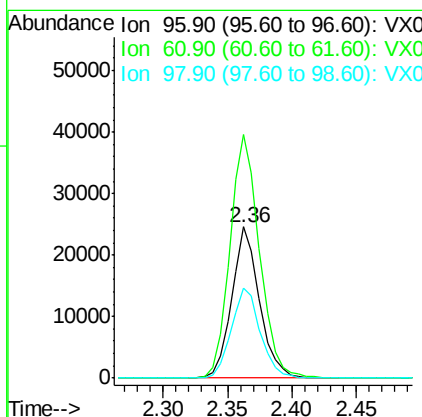
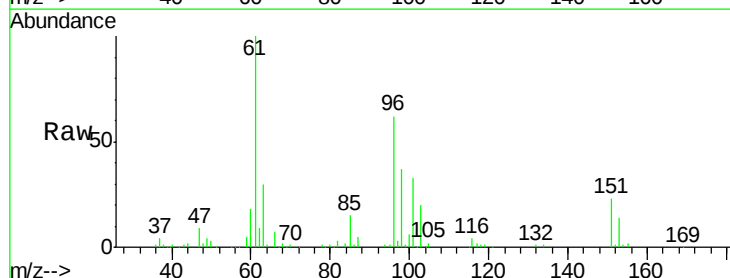
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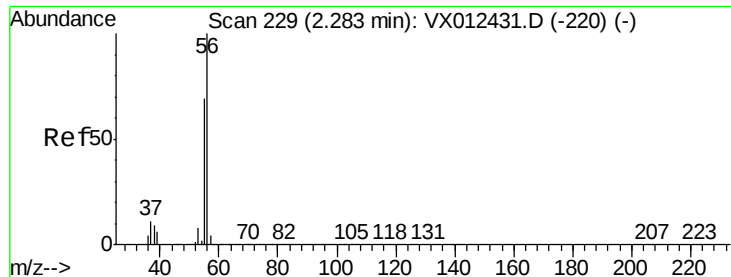
MMDadoda
9/26/2019 9:33:39 AM



#12
1,1-Dichloroethene
Concen: 19.473 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	133.8	200.6
98	60.0	49.9	74.9





#13

Acrolein

Concen: 86.545 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 56 Resp: 28429

Ion Ratio Lower Upper

56 100

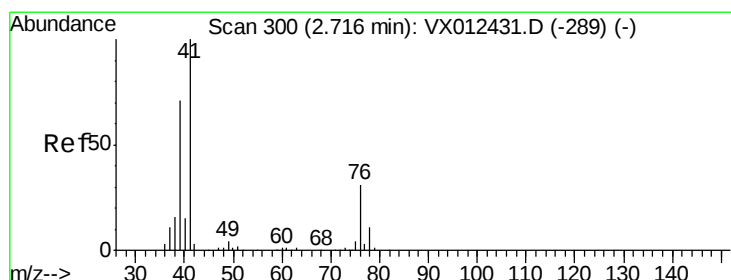
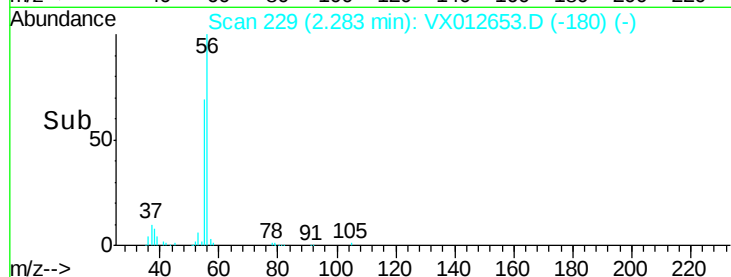
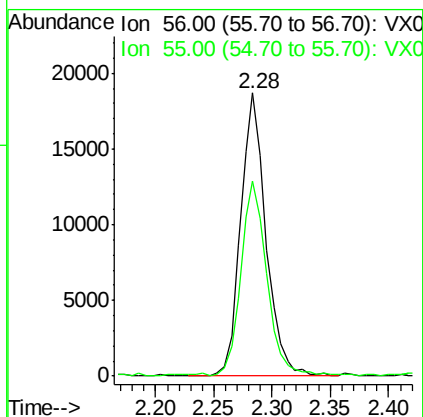
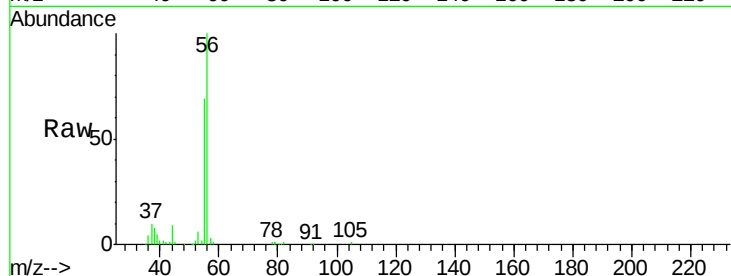
55 71.3 55.8 83.8

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#14

Allyl chloride

Concen: 19.245 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

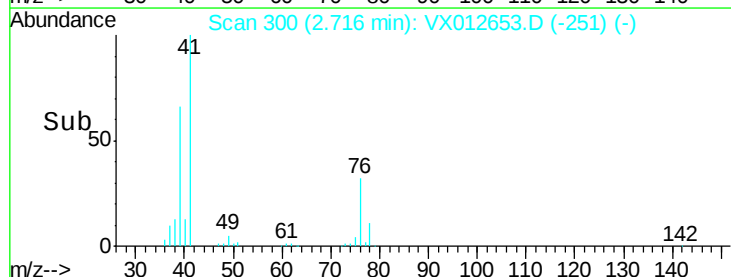
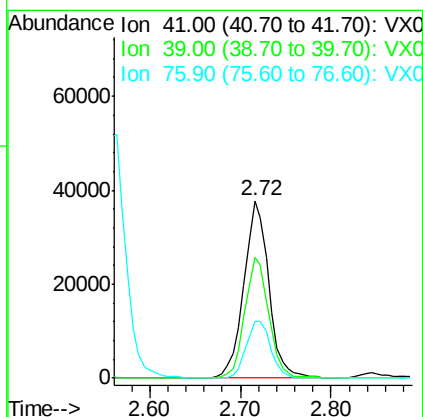
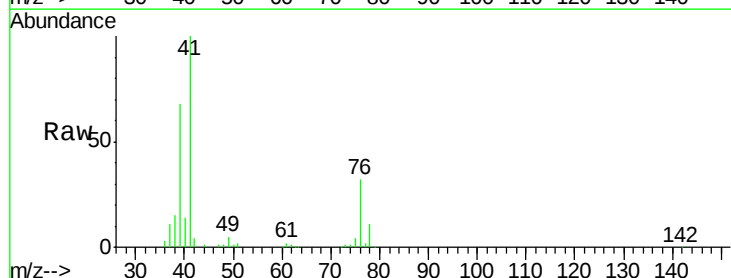
Tgt Ion: 41 Resp: 72383

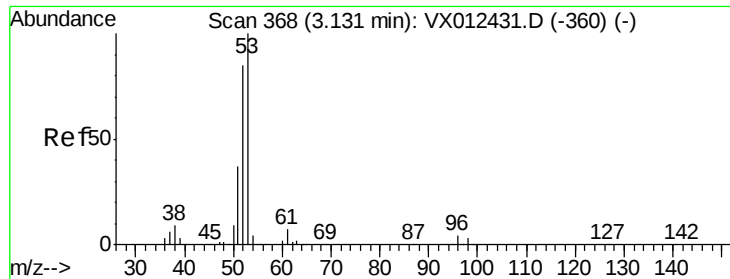
Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

76 31.2 22.6 33.8





#15

Acrylonitrile

Concen: 99.111 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

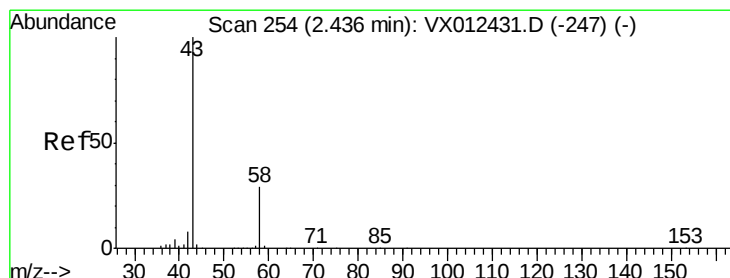
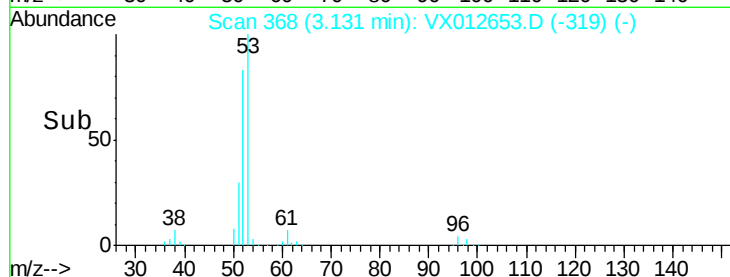
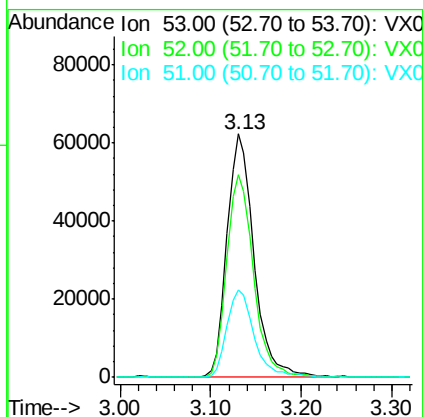
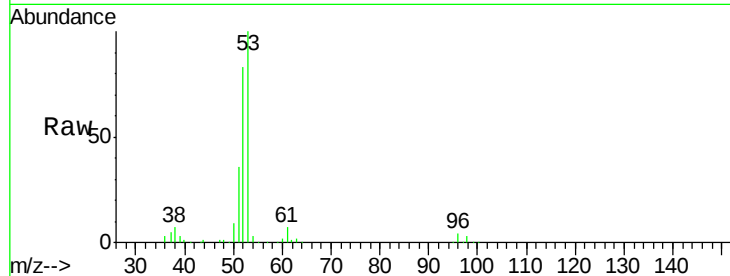
ClientSampleId :

VX0925MBS01

Tot Ion:	53	Resp:	128966
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	36.4	29.6	44.4

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#16

Acetone

Concen: 98.558 ug/l

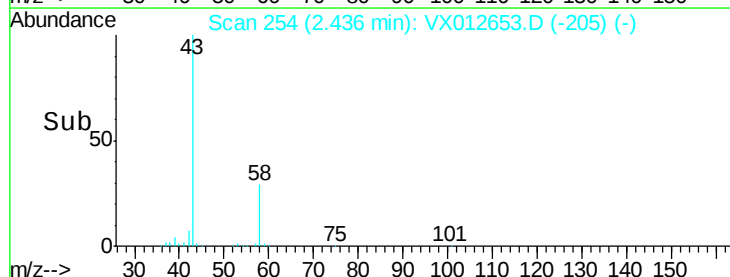
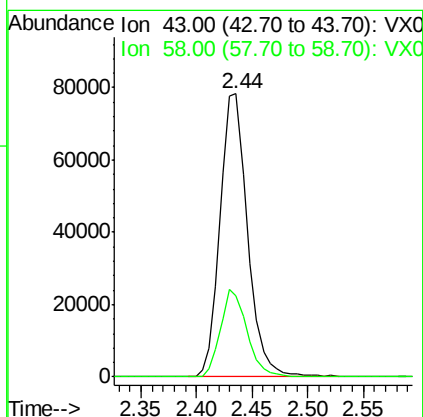
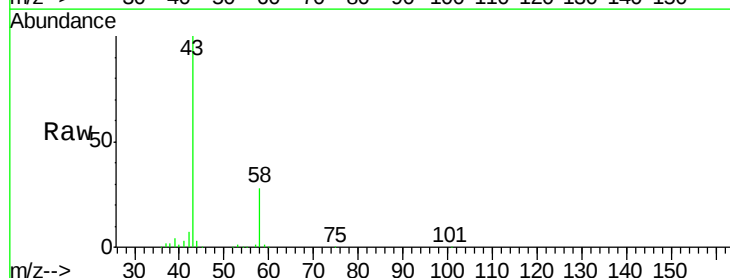
RT: 2.44 min Scan# 254

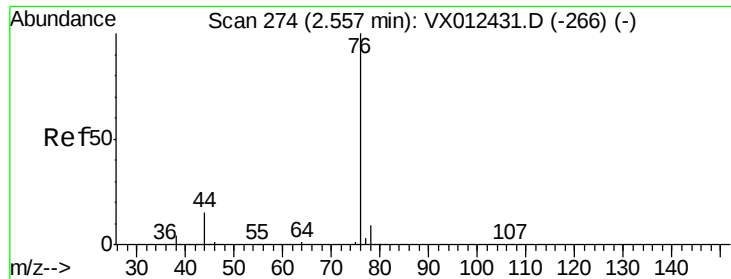
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	43	Resp:	134035
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.3	34.9





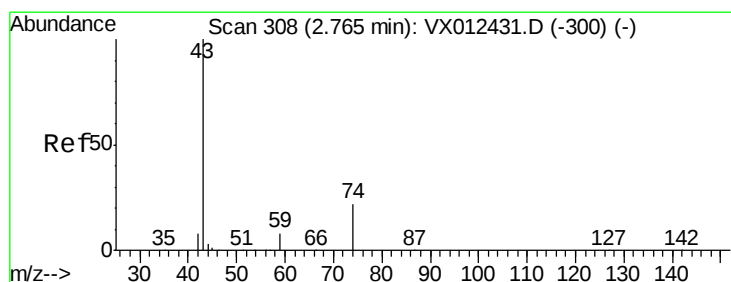
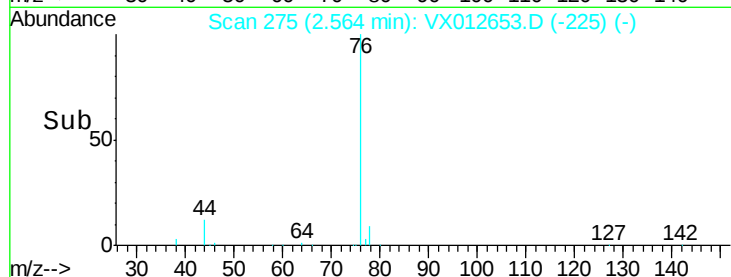
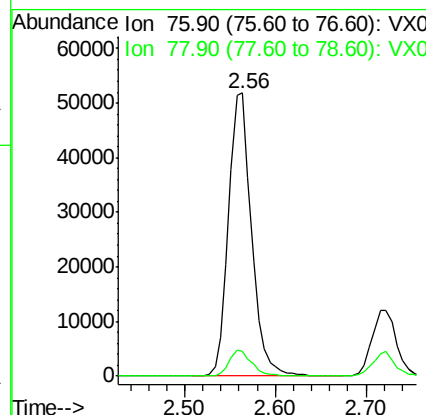
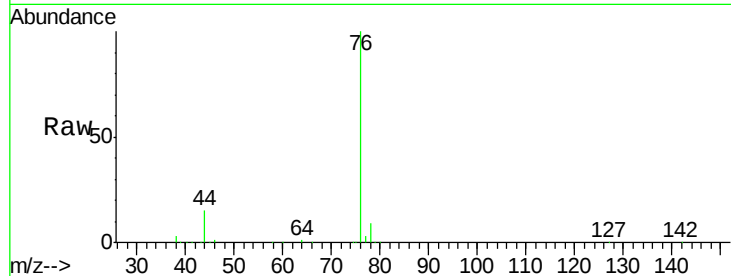
#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

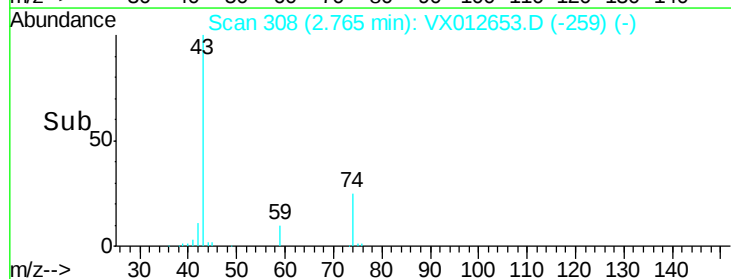
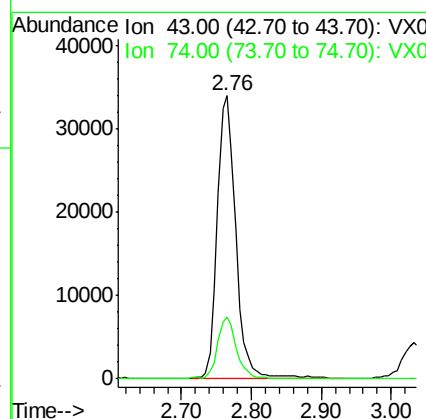
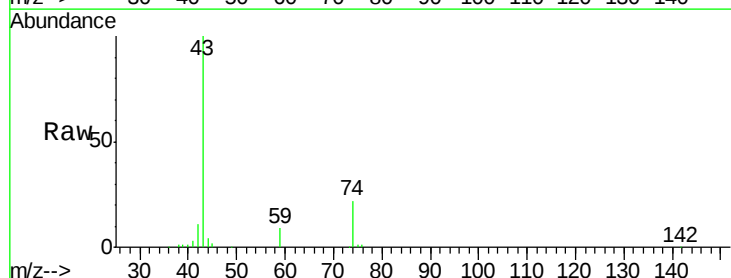
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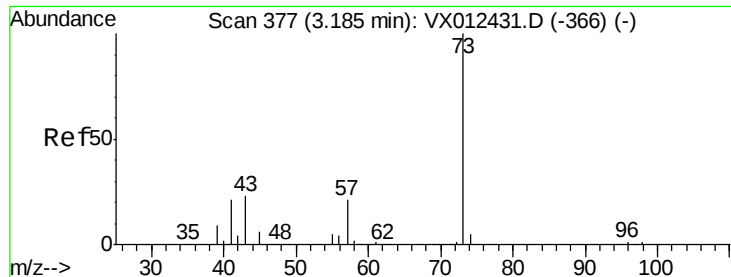
MMDadoda
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#18
Methyl Acetate
Concen: 19.696 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5





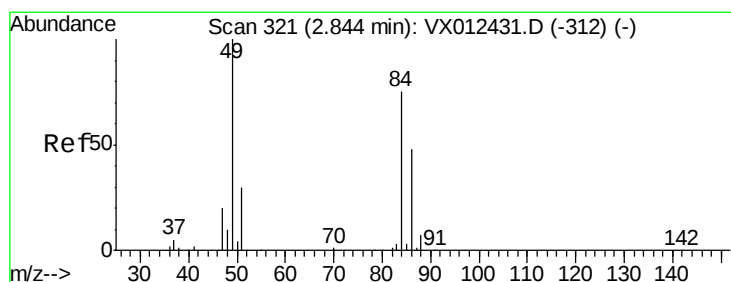
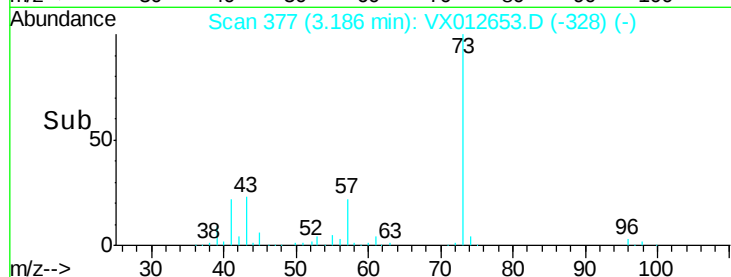
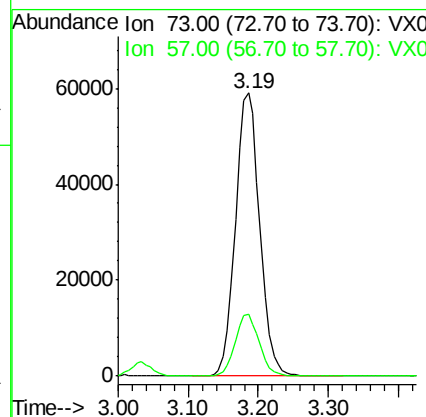
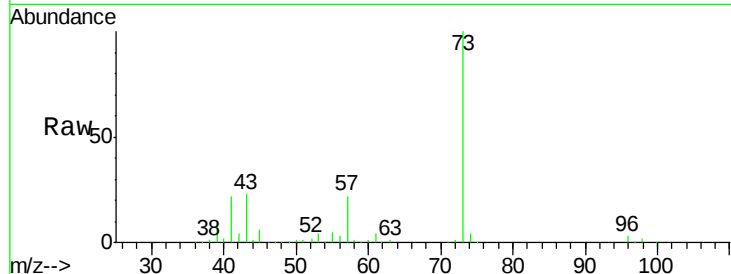
#19
Methvl tert-butvl Ether
Concen: 19.741 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion: 73 Resp: 141649
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

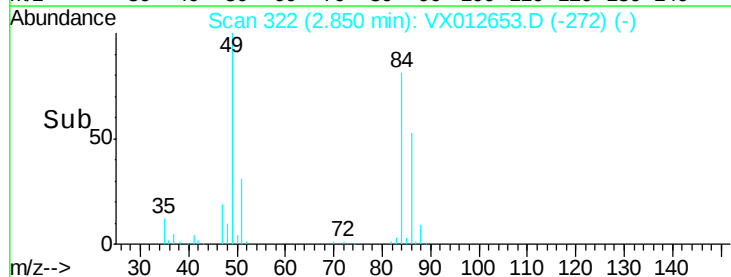
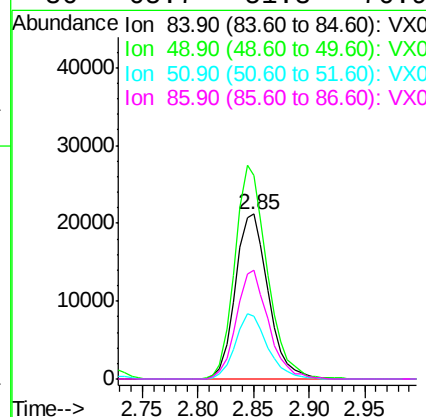
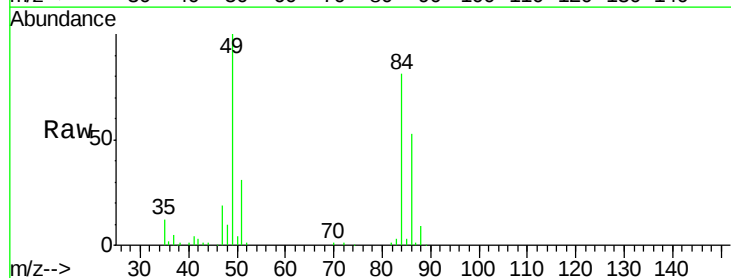
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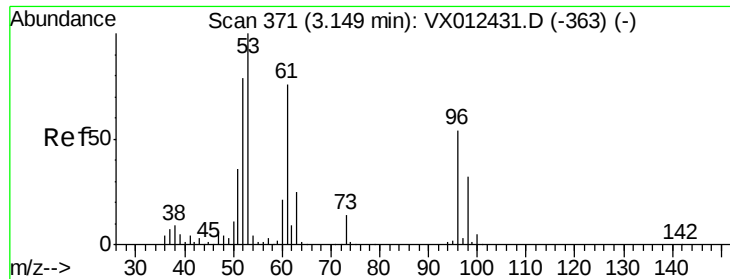
MMDadoda
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#20
Methylene Chloride
Concen: 18.853 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 84 Resp: 43366
Ion Ratio Lower Upper
84 100
49 123.5 106.8 160.2
51 37.8 32.3 48.5
86 65.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.638 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

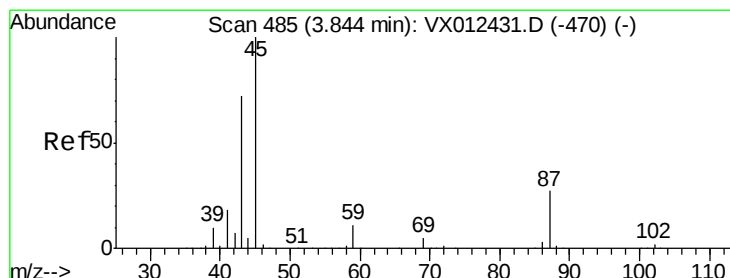
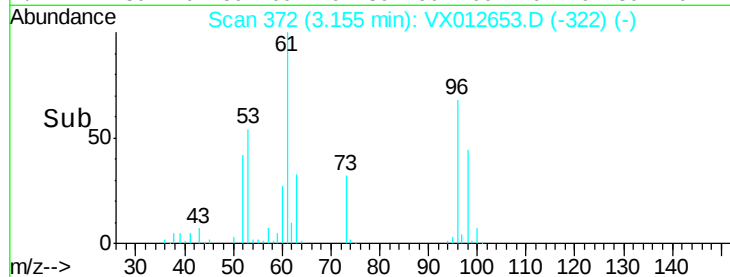
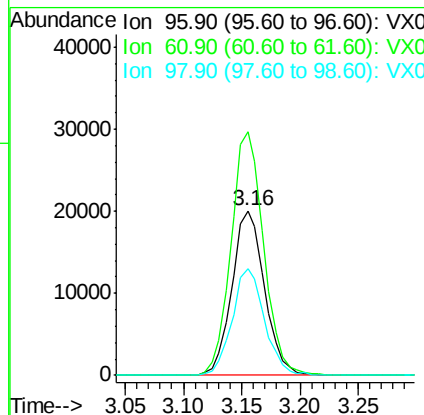
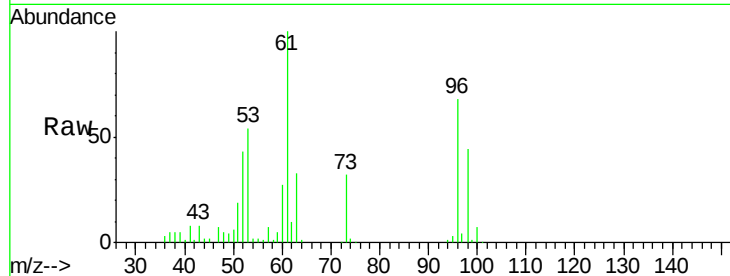
ClientSampleId :

VX0925MBS01

Tot Ion:	96	Resp:	39144
Ion	Ratio	Lower	Upper
96	100		
61	148.1	112.0	168.0
98	65.0	47.8	71.8

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#22

Diisopropyl ether

Concen: 19.531 ug/l

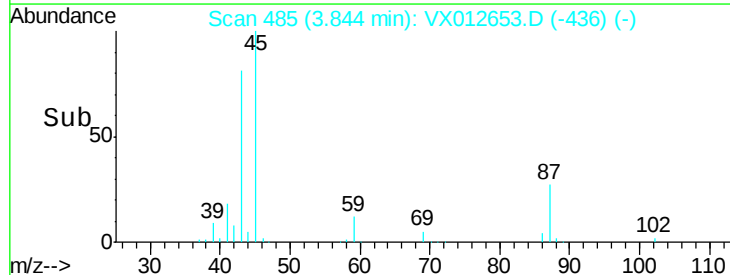
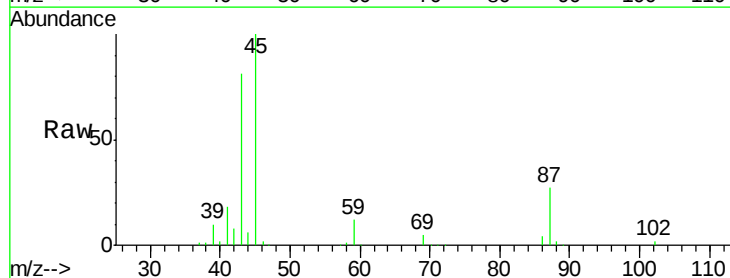
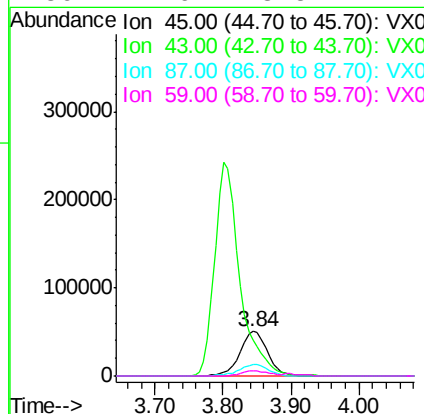
RT: 3.84 min Scan# 485

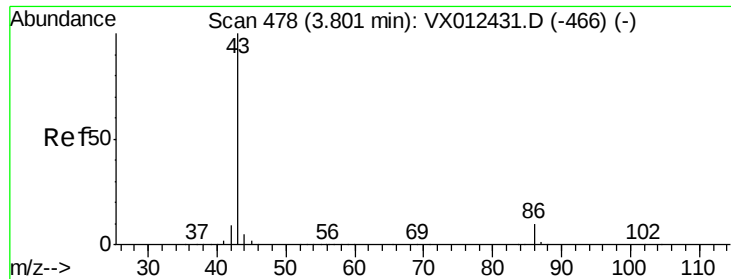
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	45	Resp:	141944
Ion	Ratio	Lower	Upper
45	100		
43	80.5	57.8	86.8
87	27.4	21.3	31.9
59	11.6	8.5	12.7





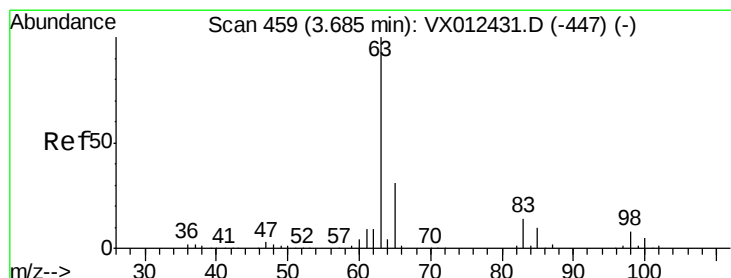
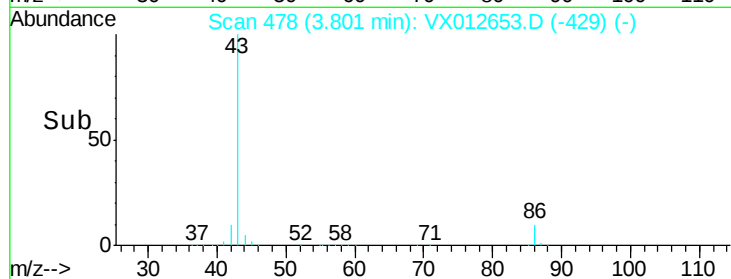
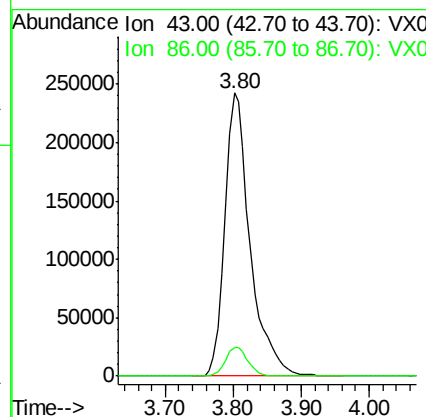
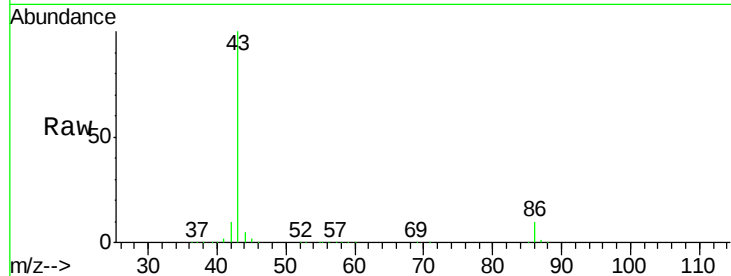
#23
 Vinyl Acetate
 Concen: 98.097 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	43	Resp	625196
Ion Ratio	100	Lower	Upper
43	100		
86	10.3	7.8	11.8

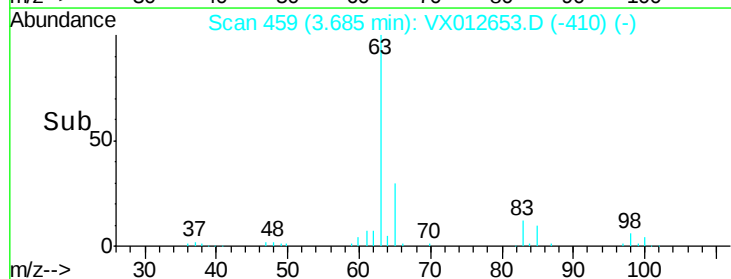
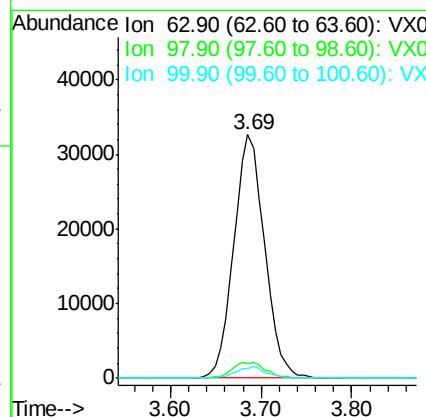
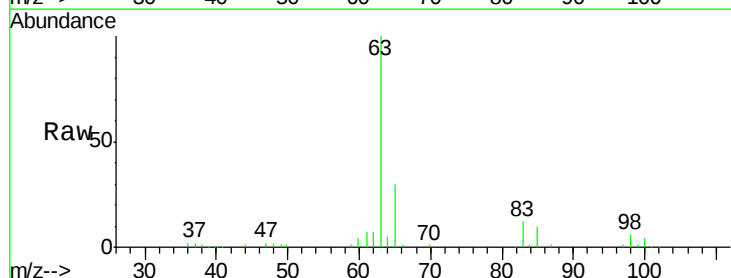
Manual Integrations
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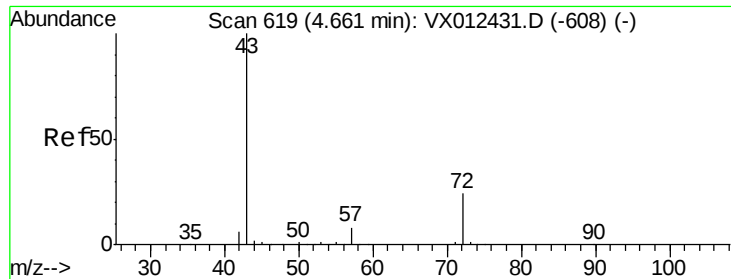
MMDadoda
 9/26/2019 9:33:39 AM



#24
 1,1-Dichloroethane
 Concen: 19.524 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	63	Resp	77127
Ion Ratio	100	Lower	Upper
63	100		
98	6.1	3.9	11.7
100	3.8	2.3	6.9





#25

2-Butanone

Concen: 97.762 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 43 Resp: 190635

Ion Ratio Lower Upper

43 100

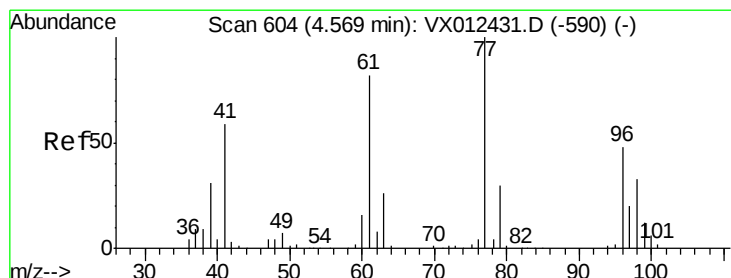
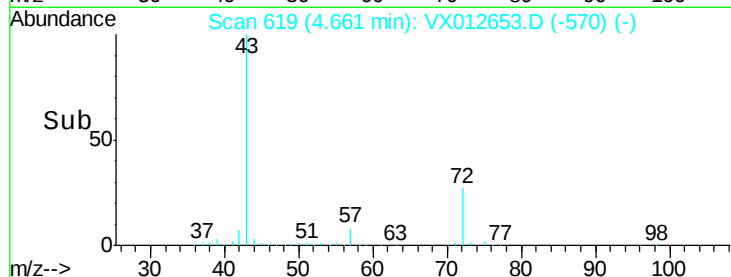
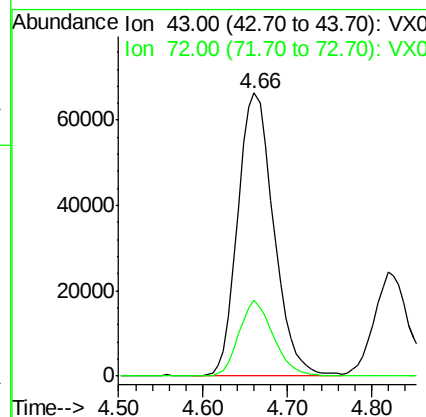
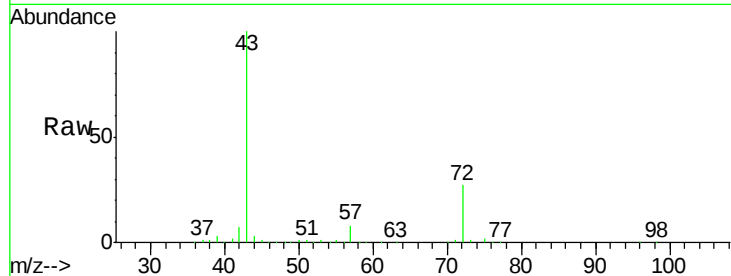
72 26.6 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.930 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012653.D

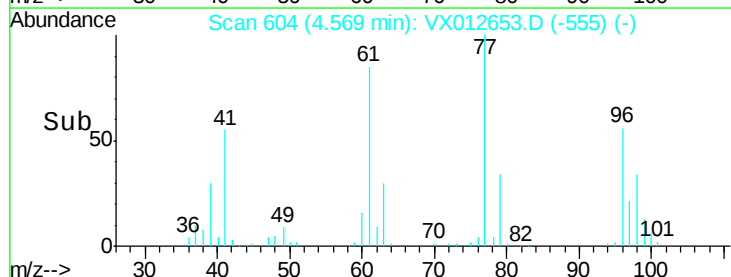
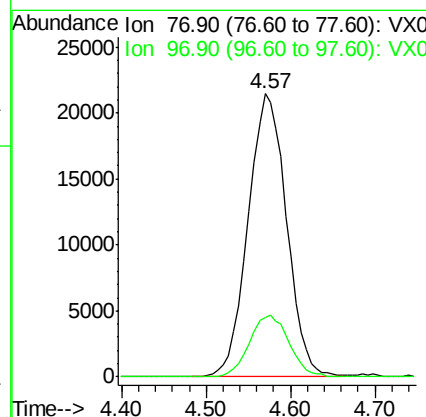
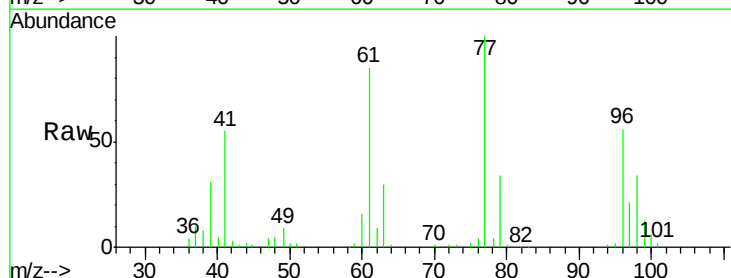
Acq: 25 Sep 2019 11:58

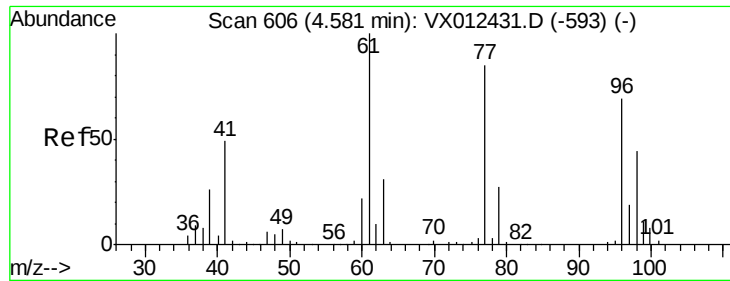
Tgt Ion: 77 Resp: 66512

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.6





#27

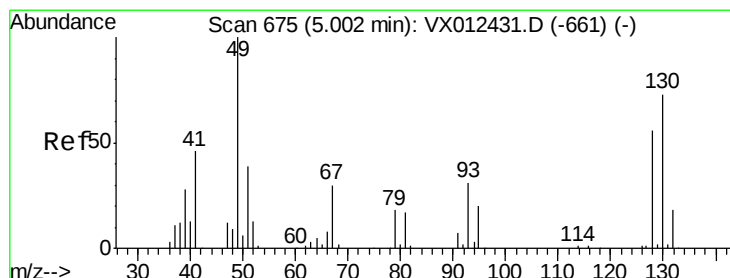
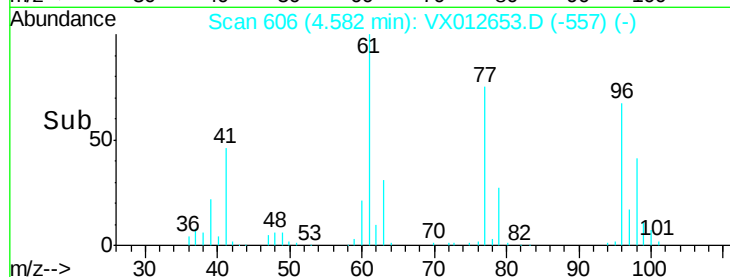
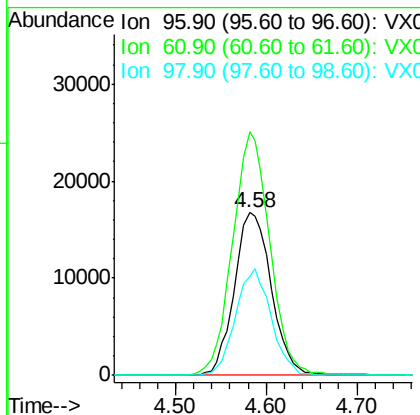
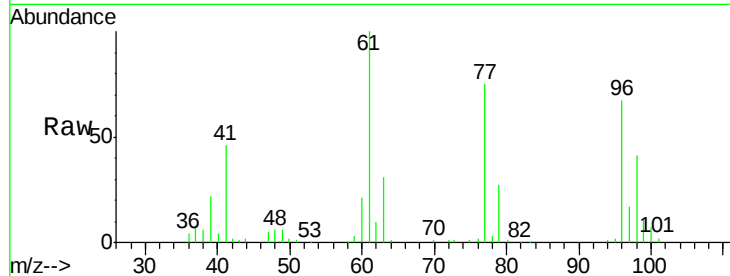
cis-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	319.4
98	62.9	0.0	130.6

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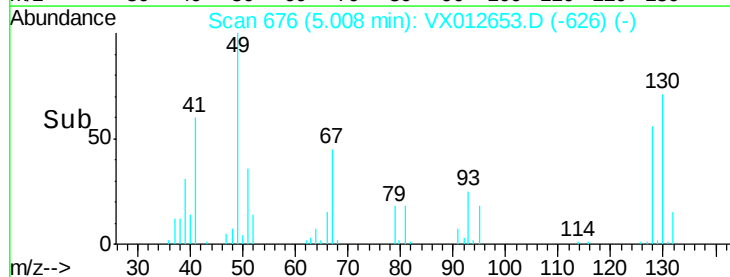
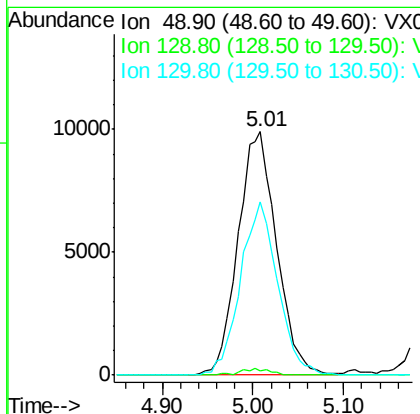
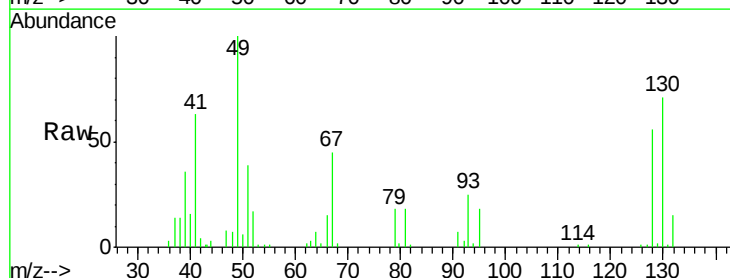
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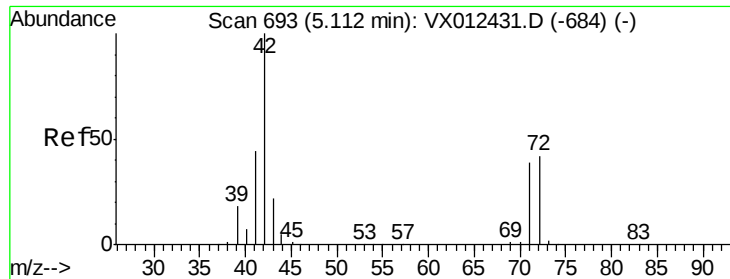


#28

Bromochloromethane
Concen: 20.294 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	68.8	58.2	87.4





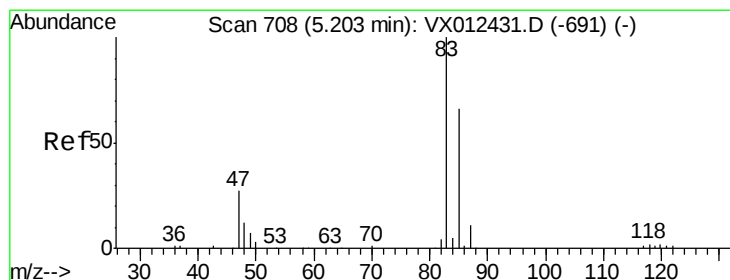
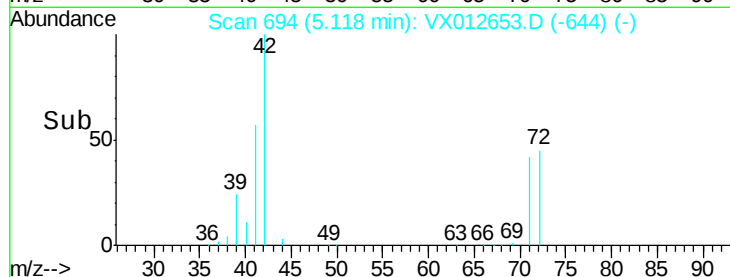
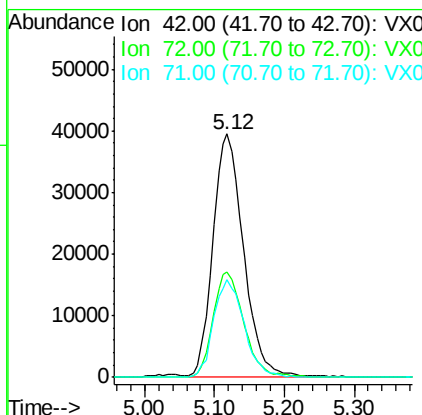
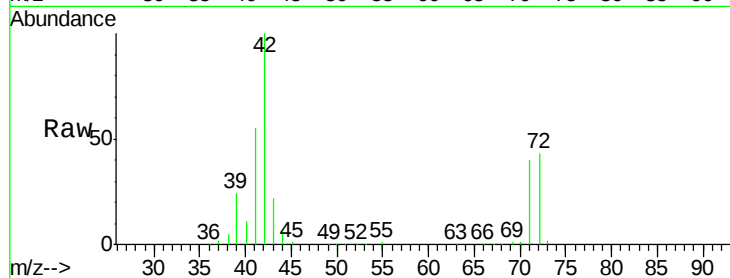
#29
Tetrahydrofuran
Concen: 100.476 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.0	51.0
71	40.2	31.5	47.3

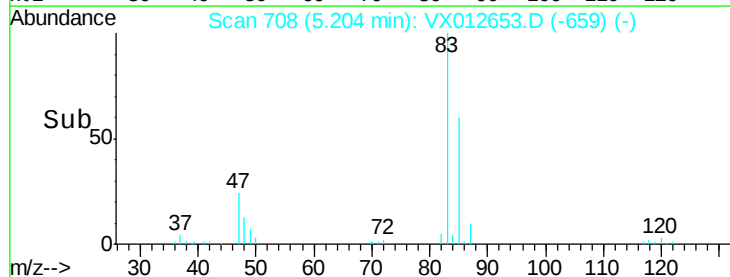
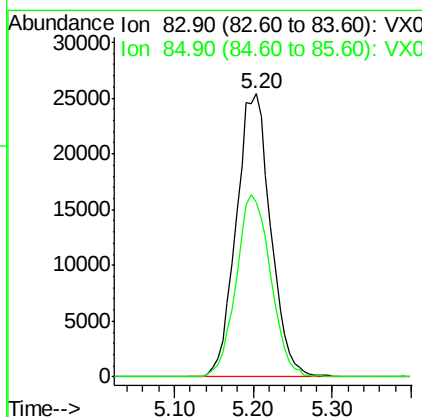
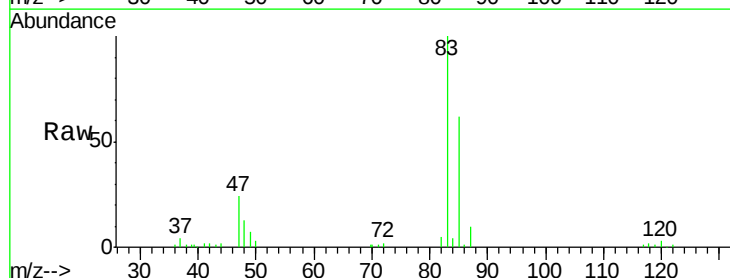
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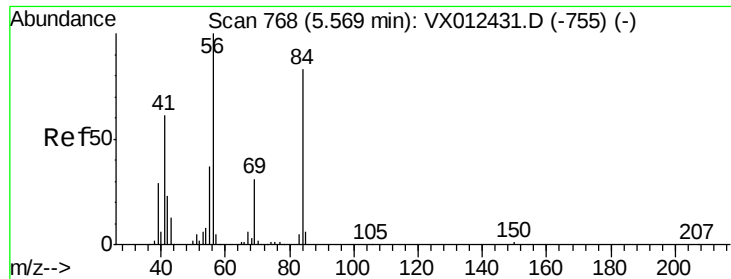
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#30
Chloroform
Concen: 19.117 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	53.0	79.4





#31

Cyclohexane

Concen: 19.312 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

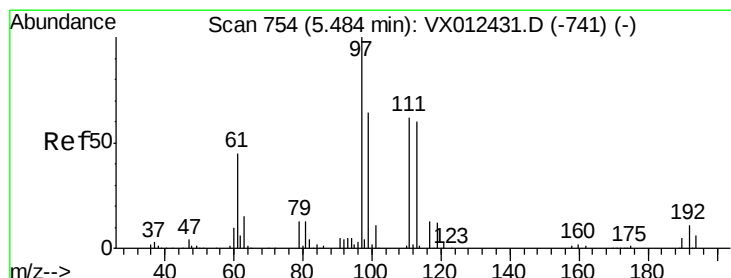
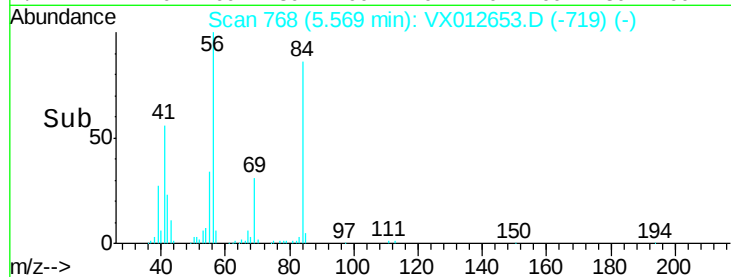
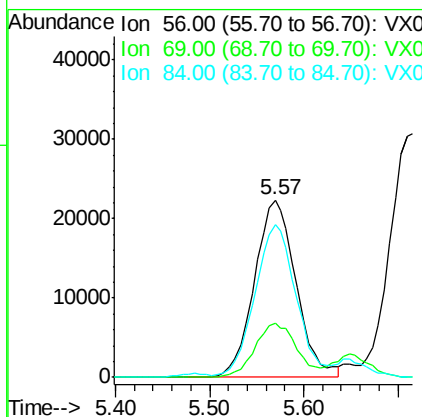
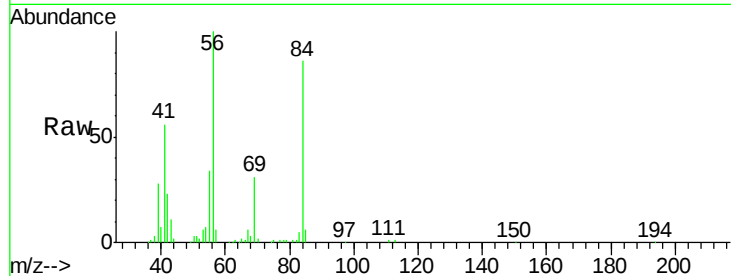
ClientSampleId :

VX0925MBS01

Tot Ion:	56	Resp:	69019
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.6
84	84.3	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 18.643 ug/l

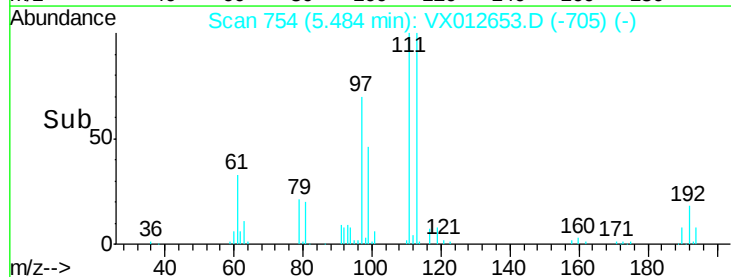
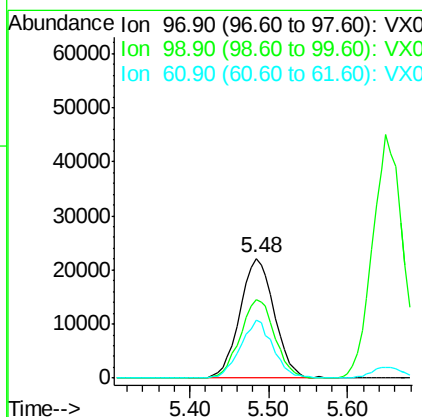
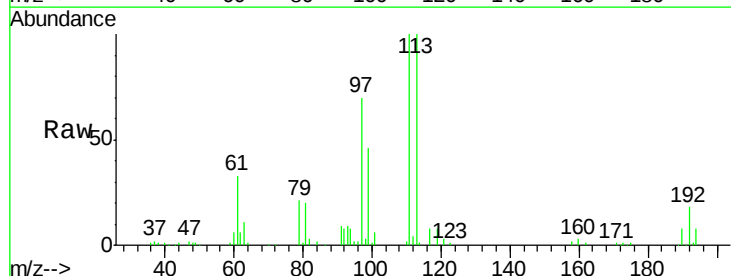
RT: 5.48 min Scan# 754

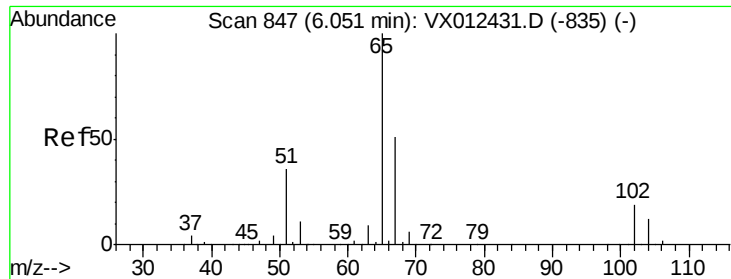
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	97	Resp:	66780
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.3	76.9
61	46.0	36.1	54.1





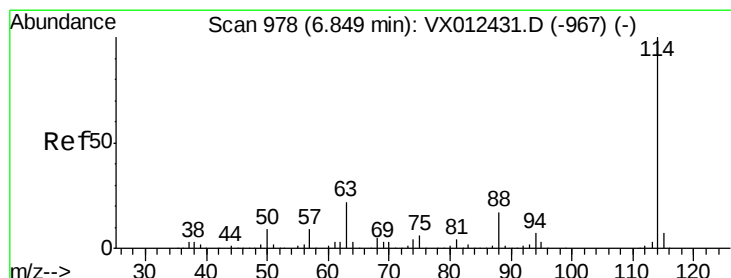
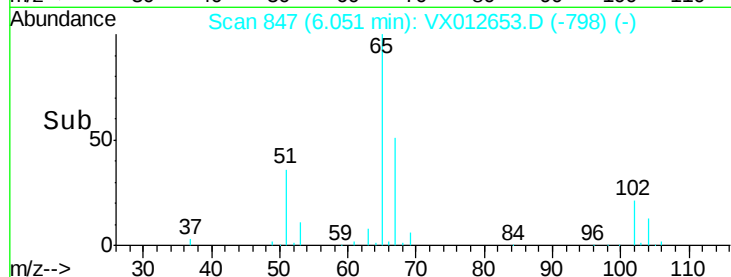
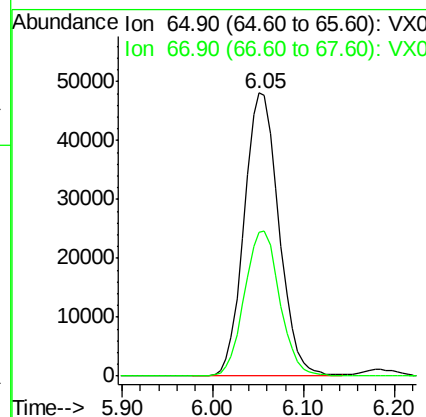
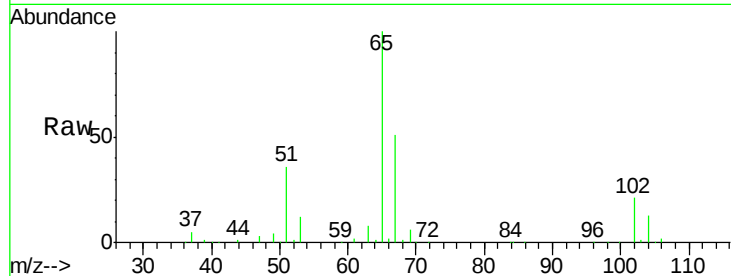
#33
 1,2-Dichloroethane-d4
 Concen: 49.794 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127848		
67	52.0	0.0	101.2	

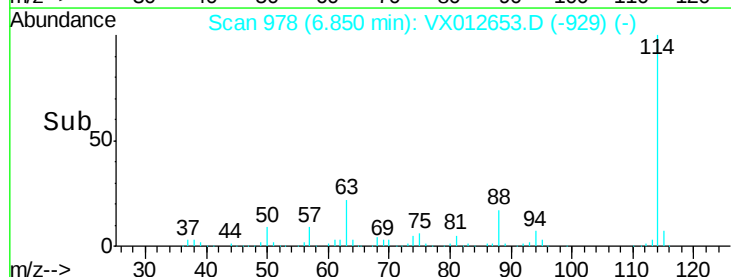
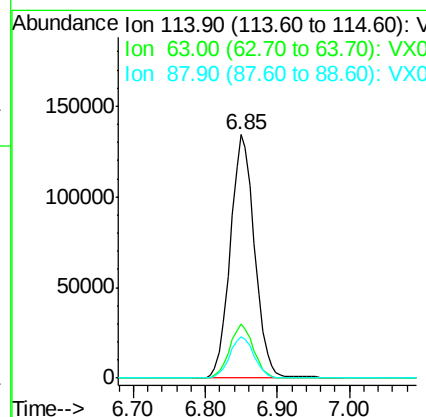
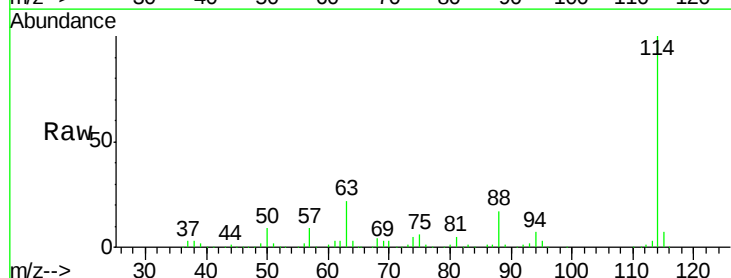
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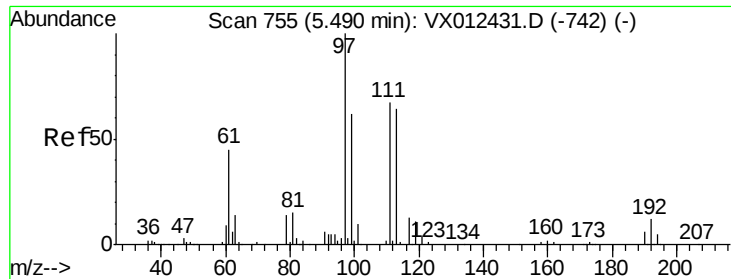
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315683		
63	22.4	0.0	43.2	
88	16.9	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.365 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

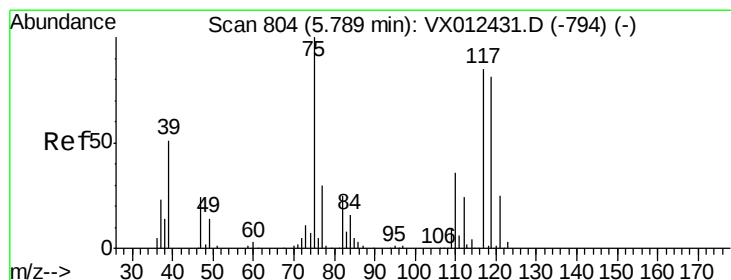
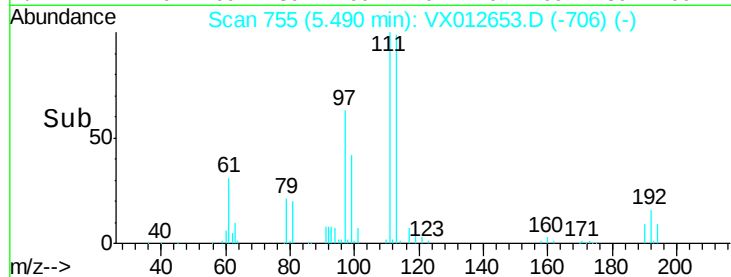
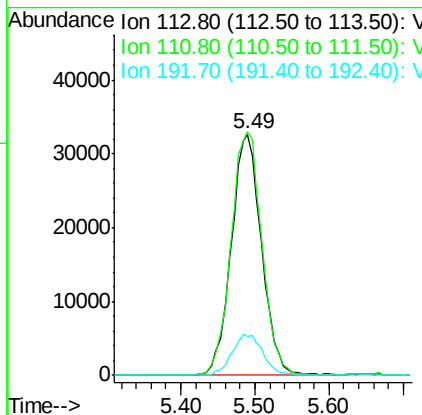
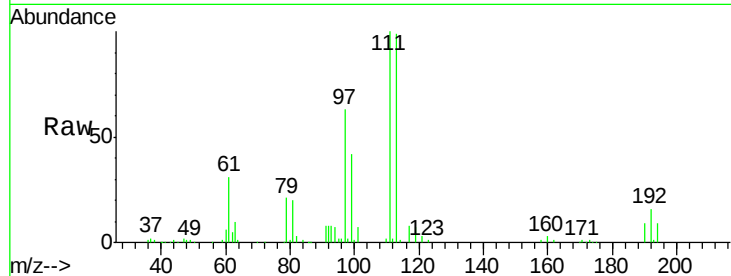
ClientSampleId :

VX0925MBS01

Tot Ion:	113	Resp:	92807
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.4	125.2
192	17.4	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 18.640 ug/l

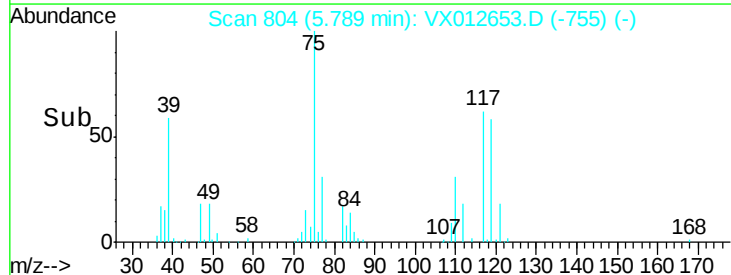
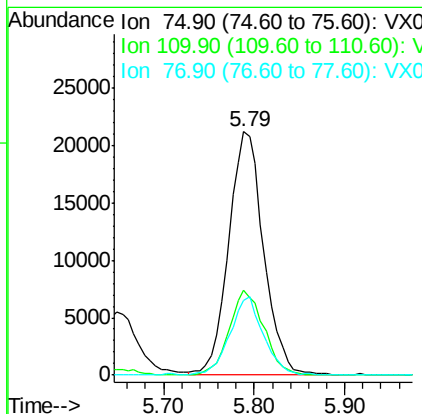
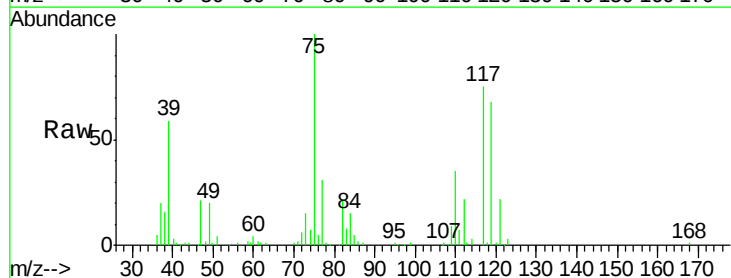
RT: 5.79 min Scan# 804

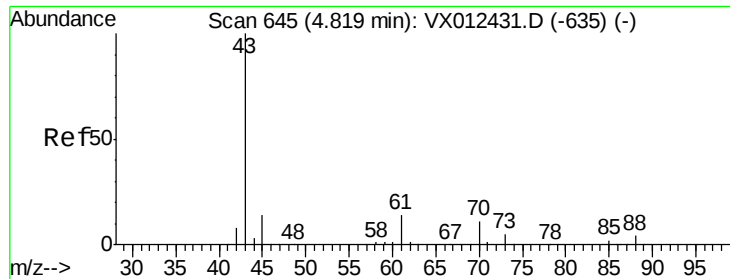
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	75	Resp:	56720
Ion Ratio	Lower	Upper	
75	100		
110	34.6	16.7	50.0
77	31.0	24.2	36.2





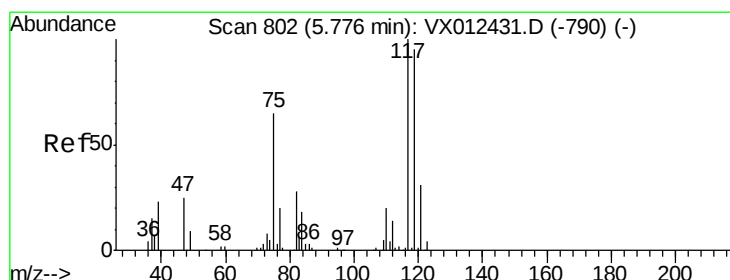
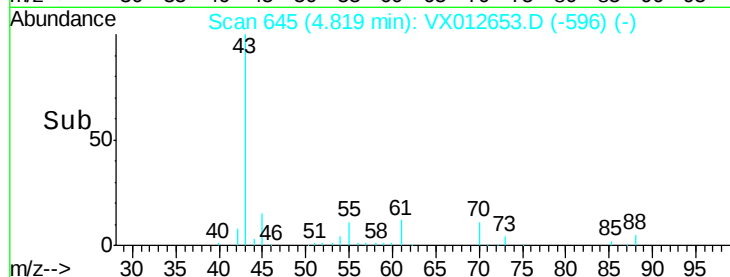
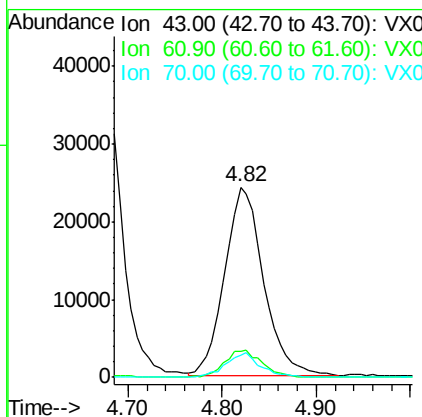
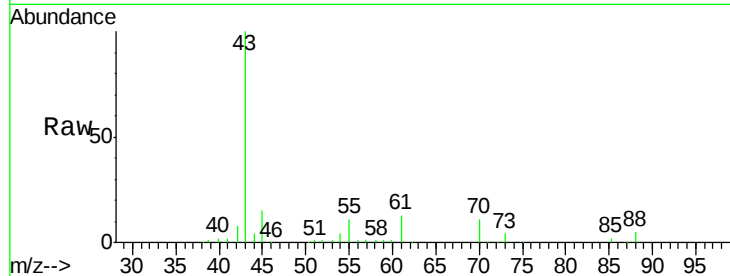
#37
Ethyl Acetate
Concen: 19.533 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.4
70	11.7	8.7	13.1

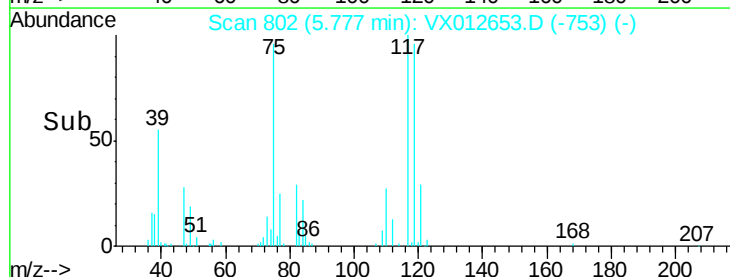
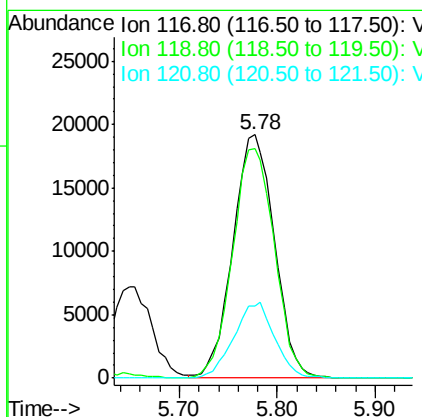
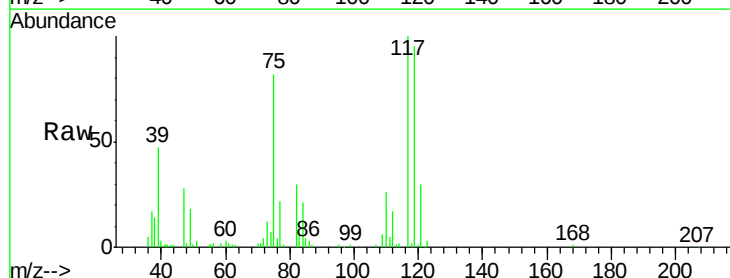
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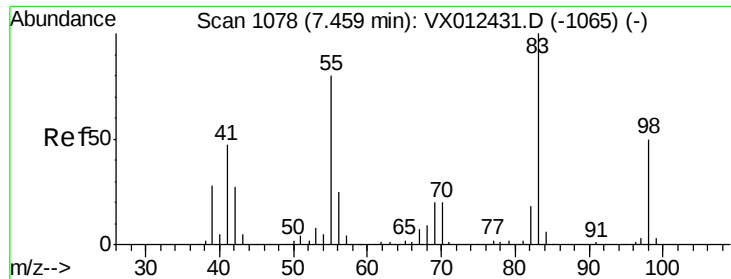
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.385 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.7	113.5
121	29.7	24.2	36.4





#39

Methvlcvclohexane

Concen: 18.316 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

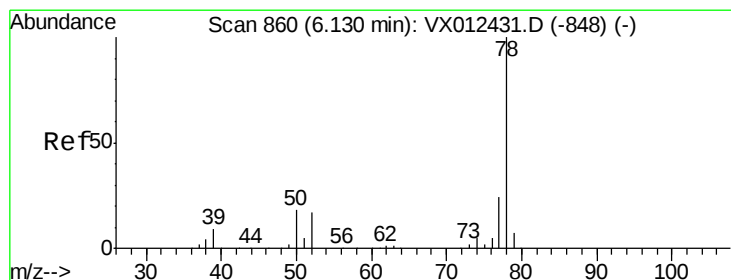
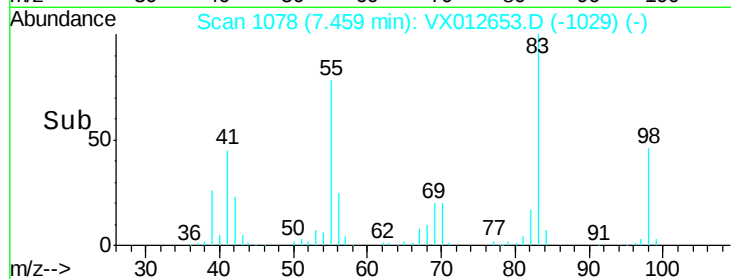
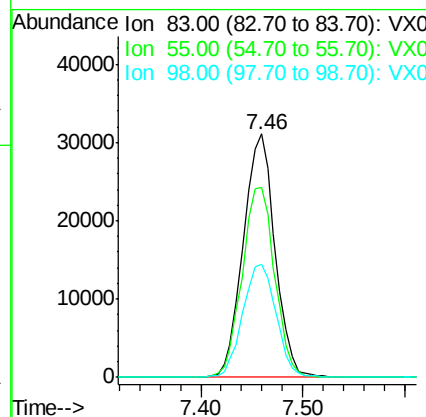
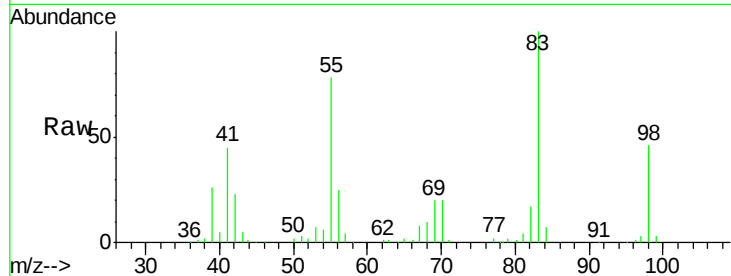
ClientSampleId :

VX0925MBS01

Tot Ion:	83	Resp:	67095
Ion	Ratio	Lower	Upper
83	100		
55	78.1	64.4	96.6
98	46.5	40.1	60.1

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#40

Benzene

Concen: 18.664 ug/l

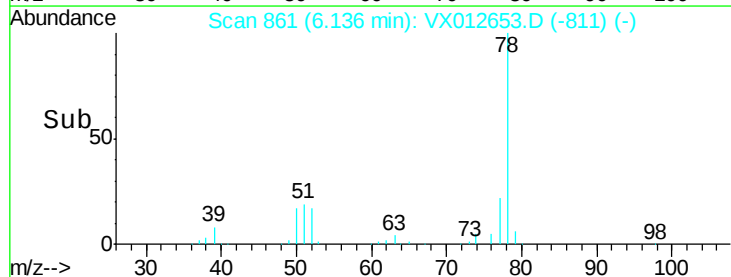
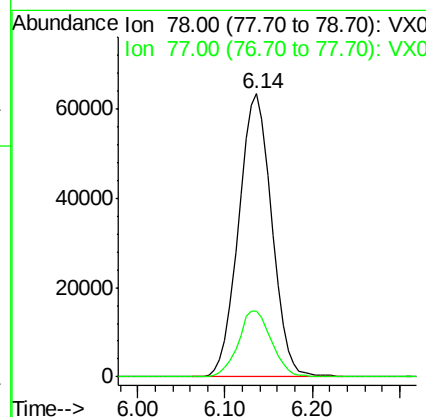
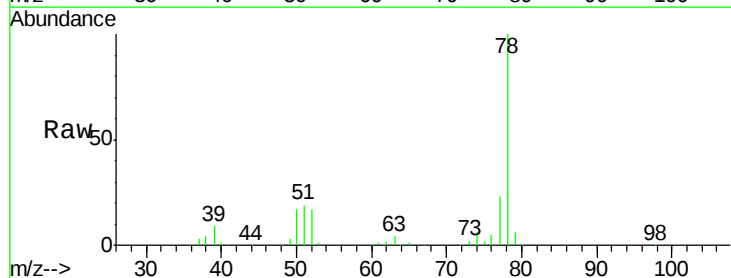
RT: 6.14 min Scan# 861

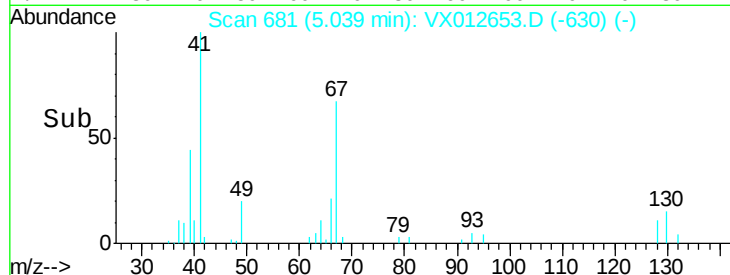
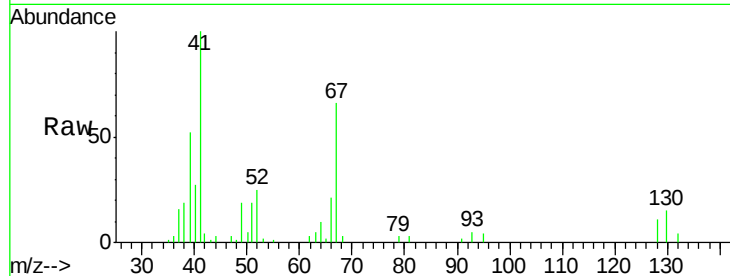
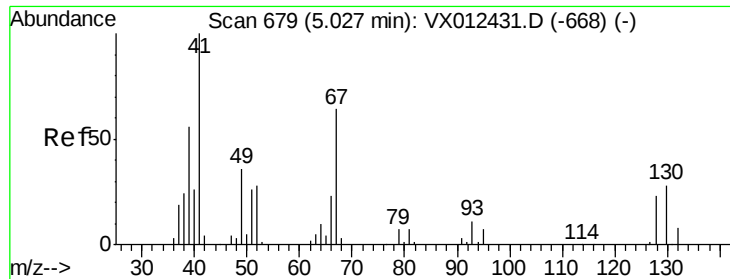
Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	78	Resp:	167097
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





#41

Methacrylonitrile

Concen: 19.712 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tot Ion:	41	Resp:	39344
Ion	Ratio	Lower	Upper
41	100		
39	54.9	46.0	69.0
67	67.6	52.2	78.2
52	28.2	22.7	34.1

Instrument :

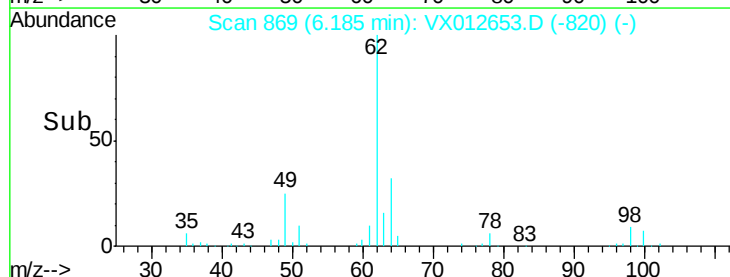
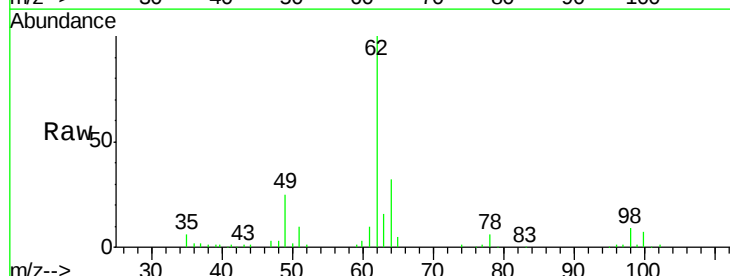
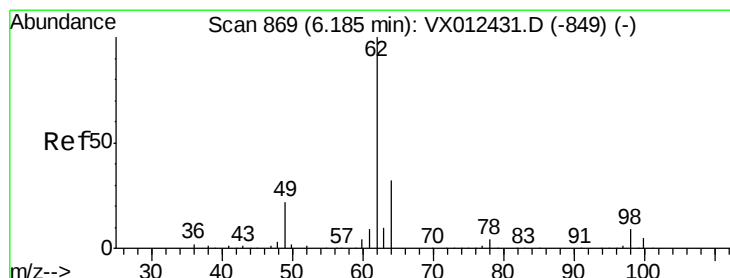
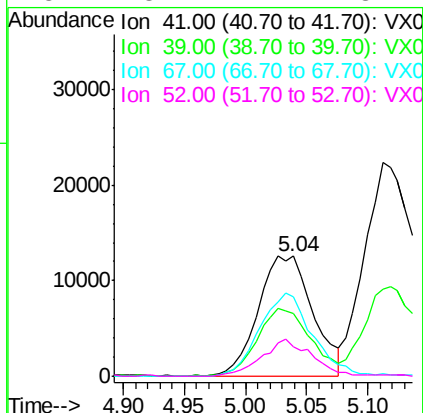
MSVOA_X

ClientSampleId :

VX0925MBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.577 ug/l

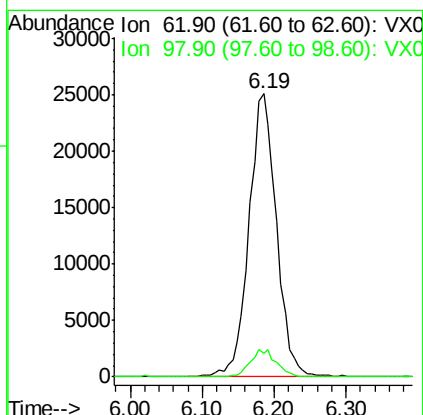
RT: 6.19 min Scan# 869

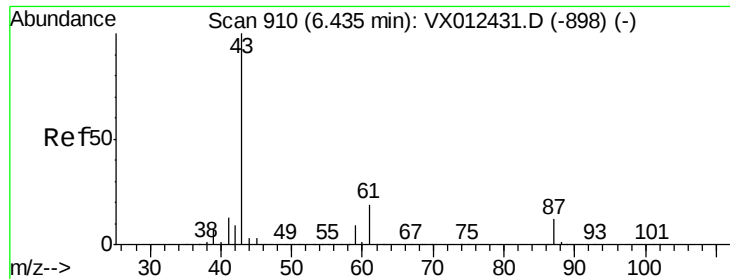
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	62	Resp:	66556
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

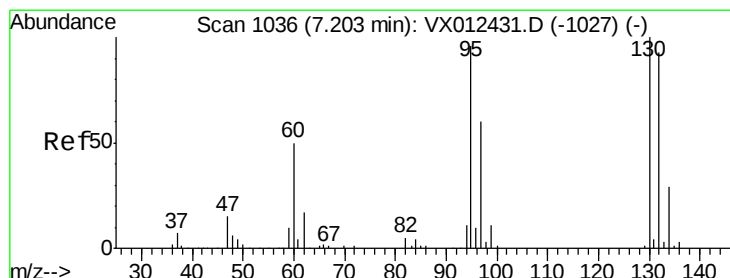
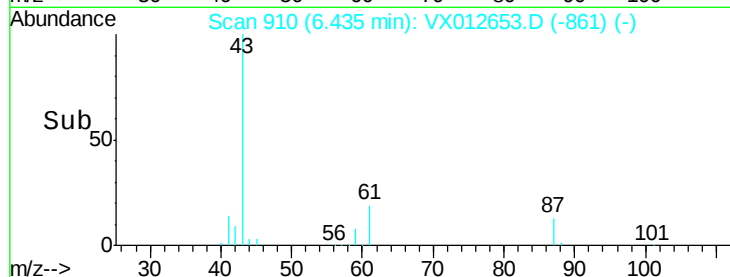
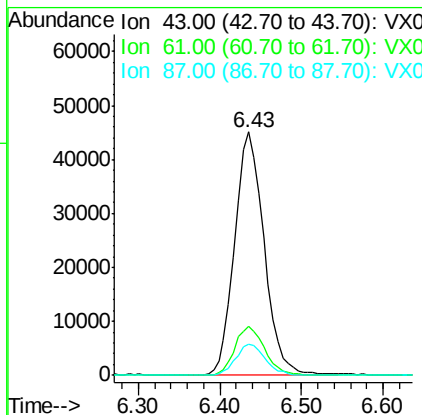
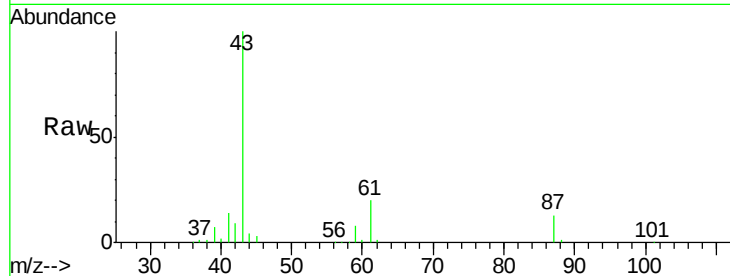
Isopropyl Acetate
 Concen: 19.009 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	12.7	9.8	14.8

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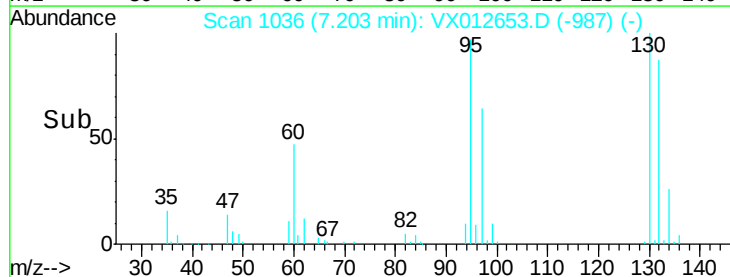
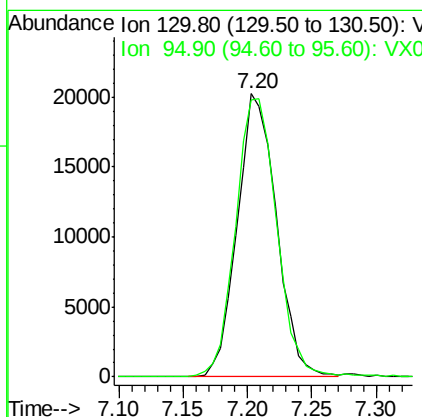
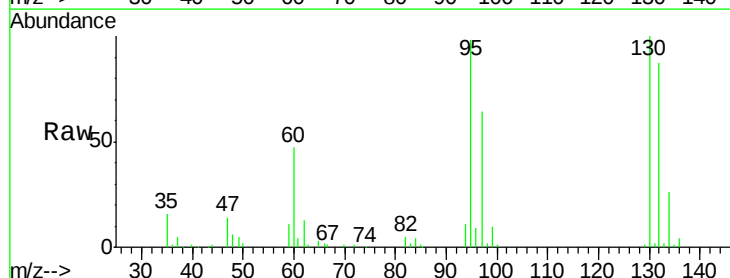
MMDadoda
 9/26/2019 9:33:39 AM

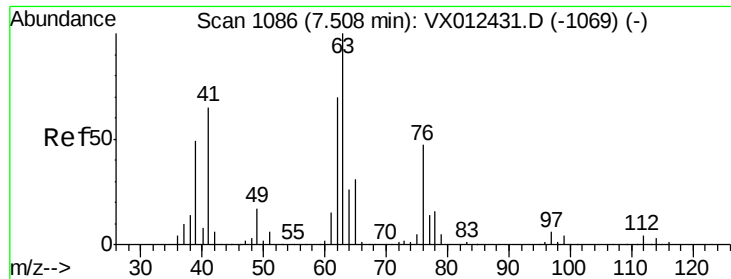


#44

Trichloroethene
 Concen: 18.659 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	193.0





#45

1,2-Dichloropropane

Concen: 19.055 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 63 Resp: 43676

Ion Ratio Lower Upper

63 100

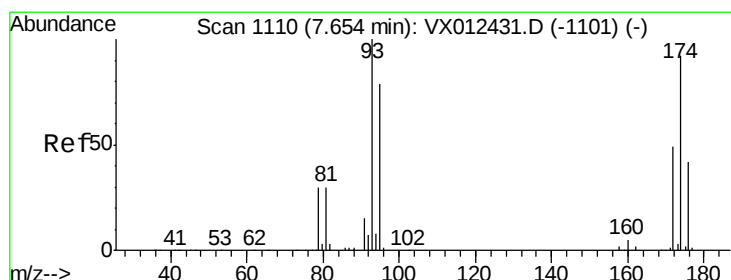
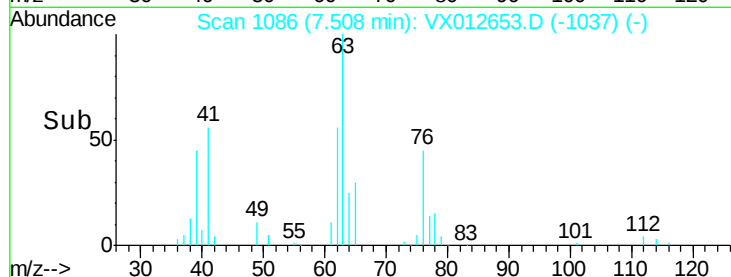
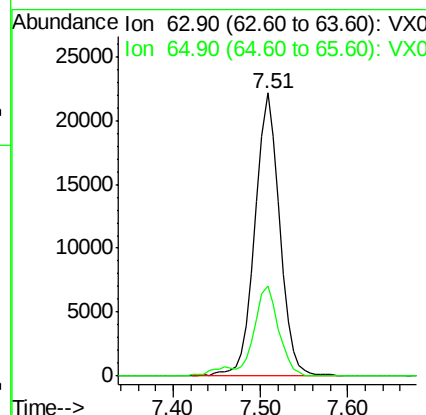
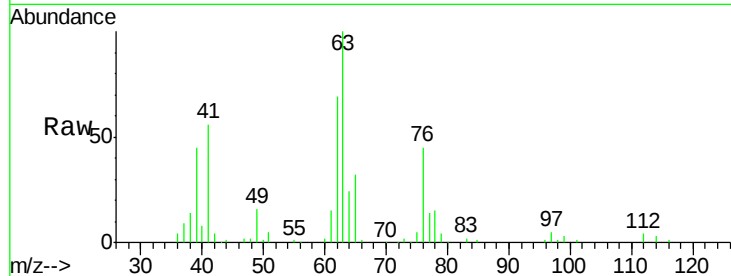
65 32.0 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 18.725 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

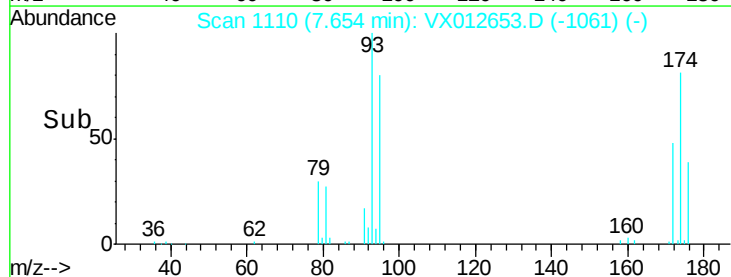
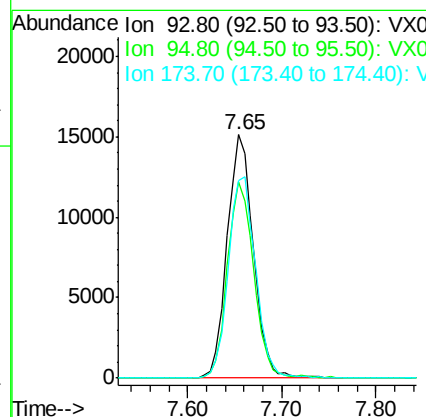
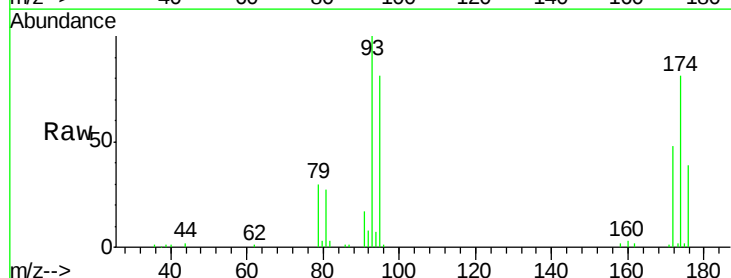
Tgt Ion: 93 Resp: 29222

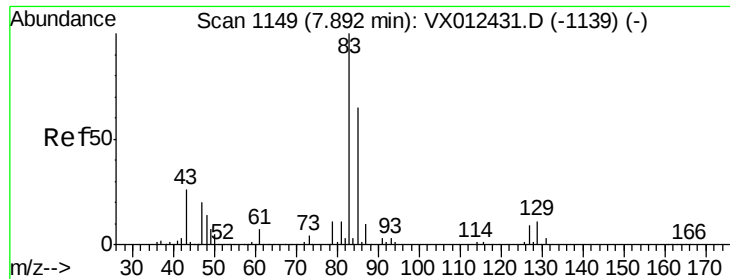
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 86.0 77.4 116.0





#47

Bromodichloromethane

Concen: 18.483 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

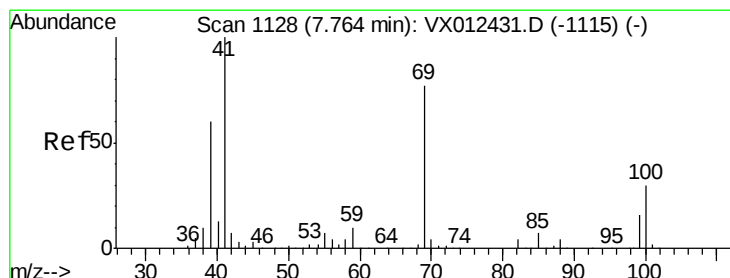
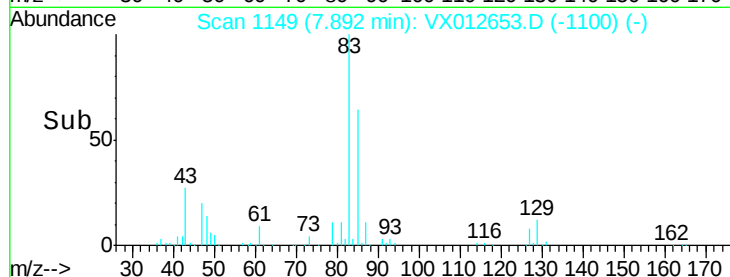
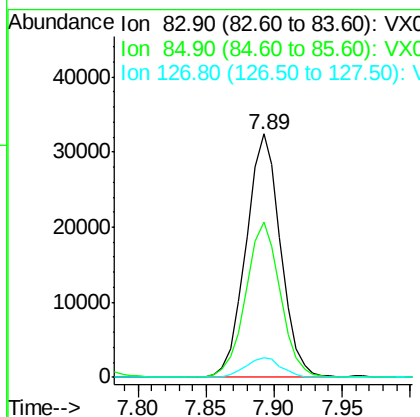
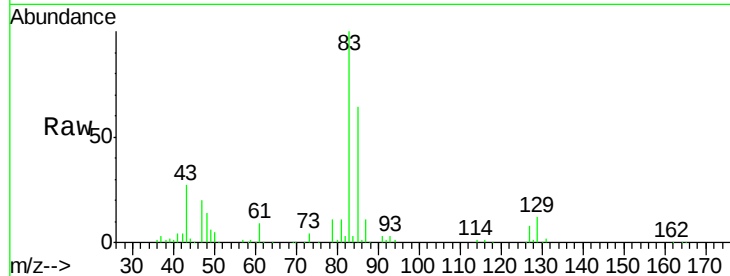
ClientSampleId :

VX0925MBS01

Tot Ion:	83	Resp:	57650
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6
127	8.3	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.935 ug/l

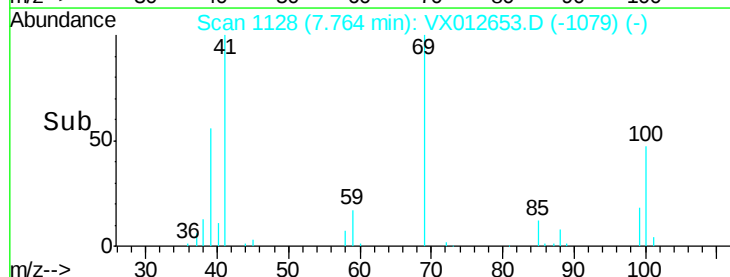
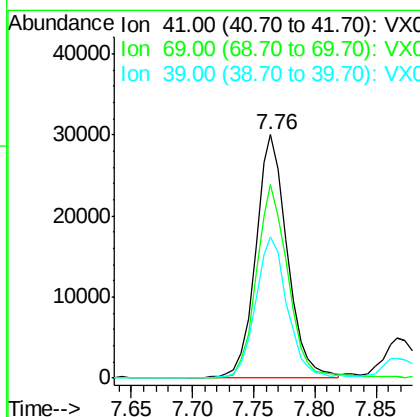
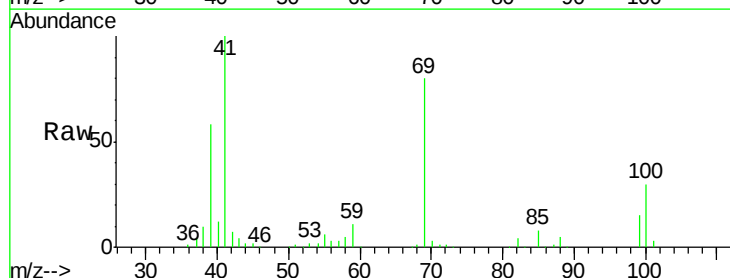
RT: 7.76 min Scan# 1128

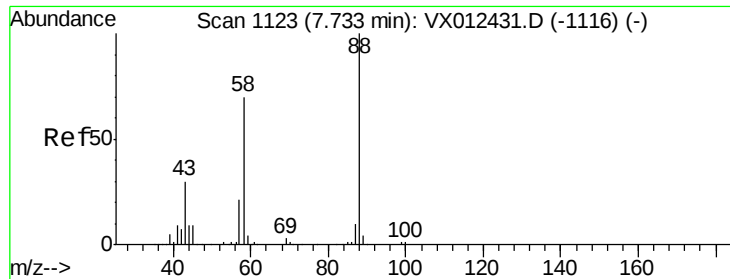
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	41	Resp:	54013
Ion	Ratio	Lower	Upper
41	100		
69	80.2	59.9	89.9
39	58.9	47.8	71.6





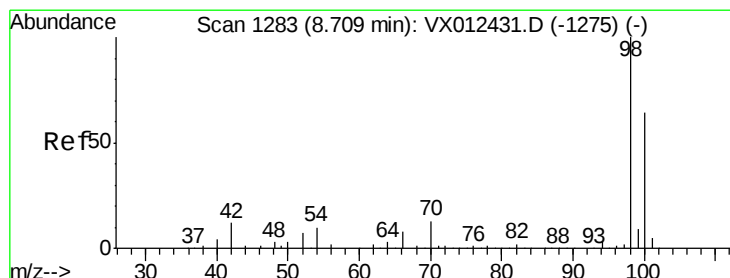
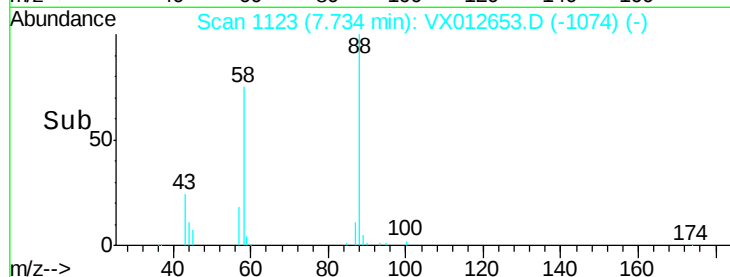
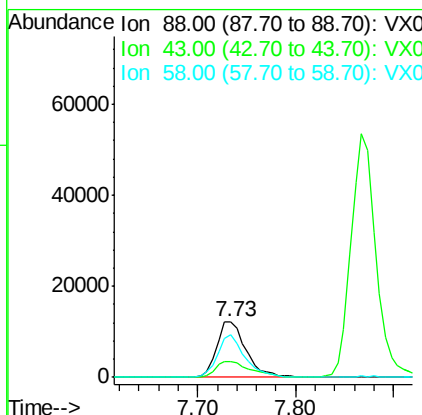
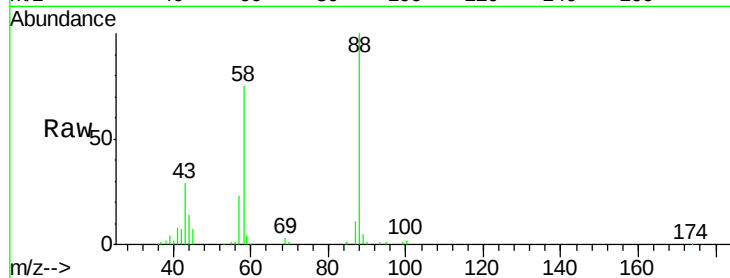
#49
1,4-Dioxane
Concen: 396.763 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	29.4	44.0
58	71.0	57.5	86.3

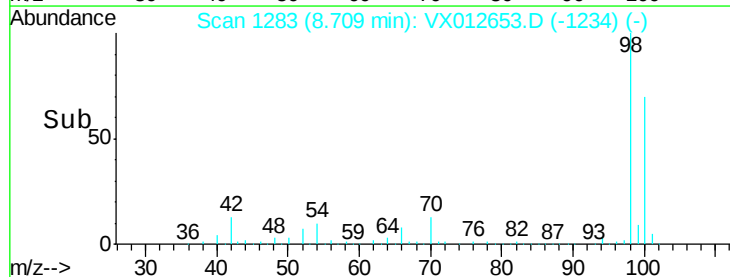
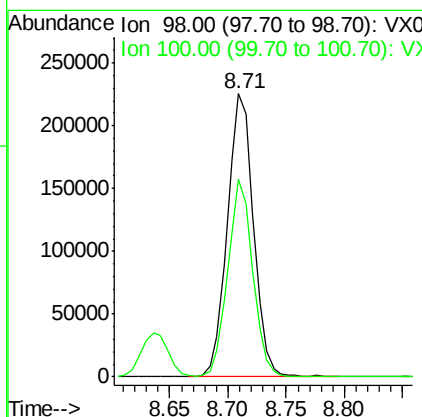
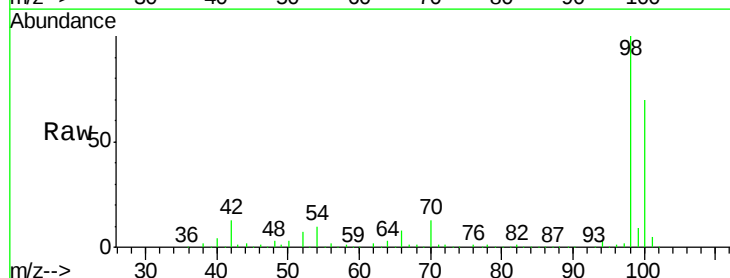
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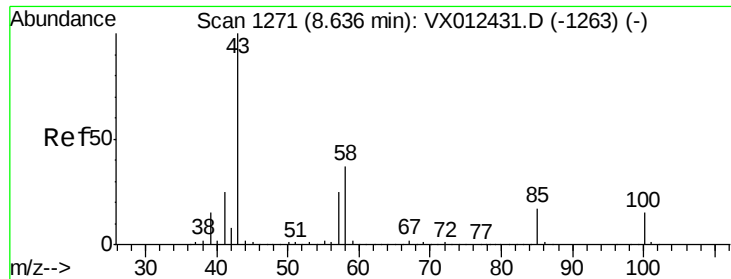
MMDadoda
9/26/2019 9:33:39 AM



#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 96.610 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 43 Resp: 354779

Ion Ratio Lower Upper

43 100

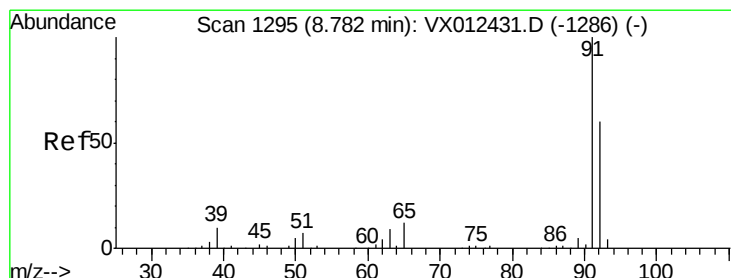
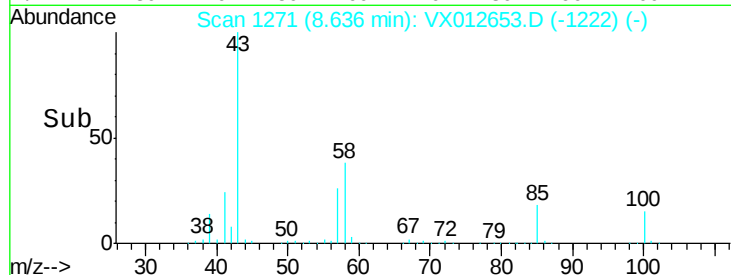
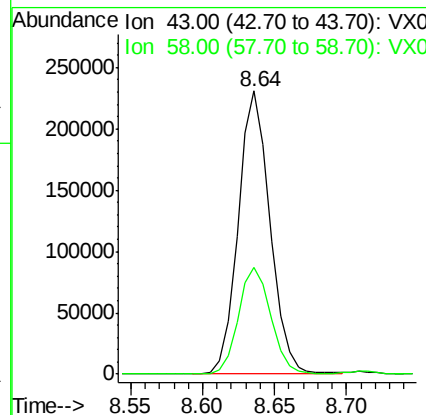
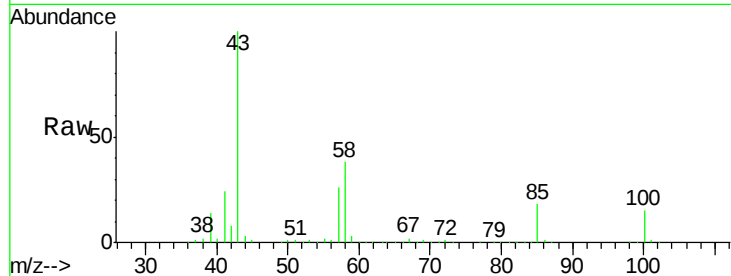
58 38.2 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 18.969 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012653.D

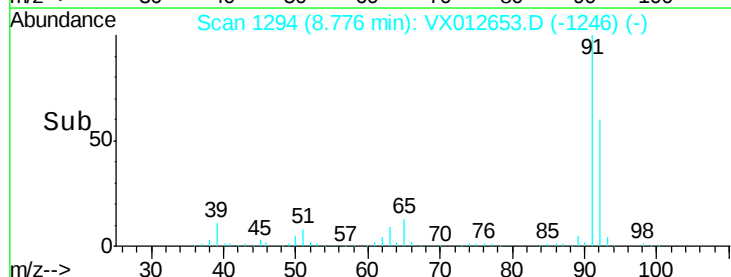
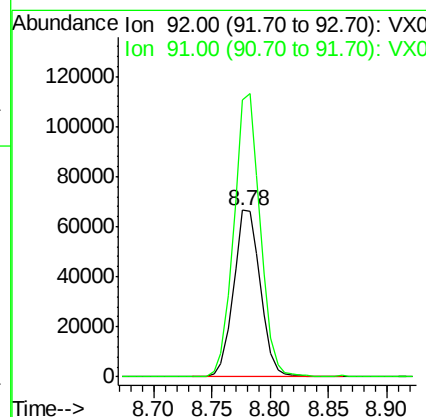
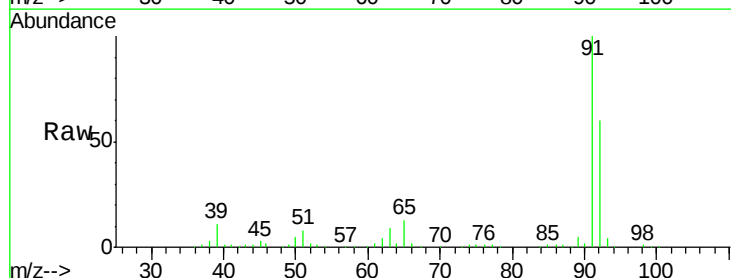
Acq: 25 Sep 2019 11:58

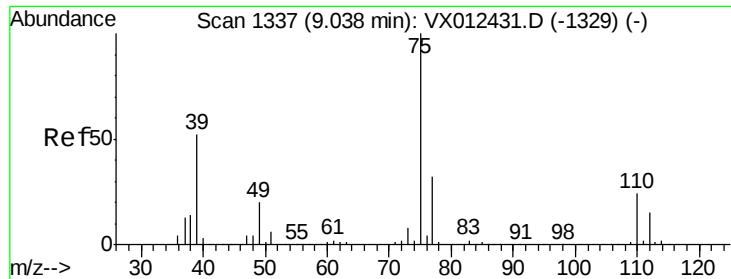
Tgt Ion: 92 Resp: 106736

Ion Ratio Lower Upper

92 100

91 166.3 135.4 203.0





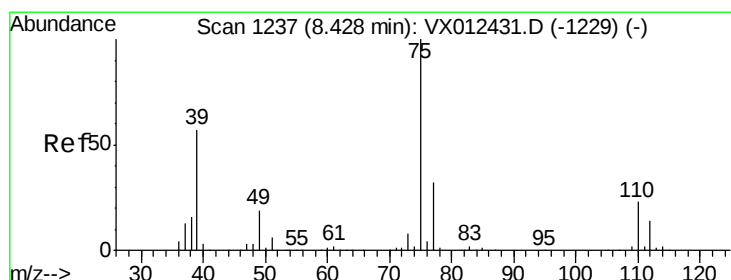
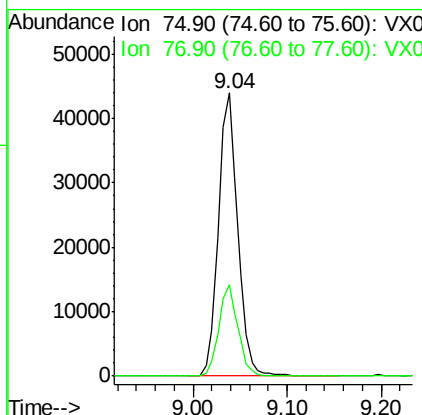
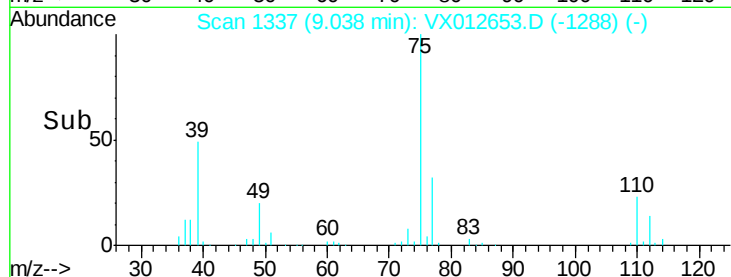
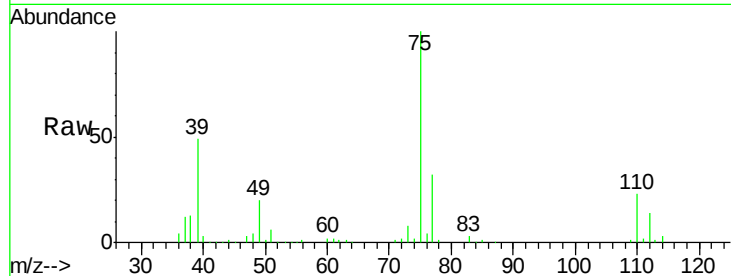
#53
 t-1,3-Dichloropropene
 Concen: 18.179 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion: 75 Resp: 62736
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8

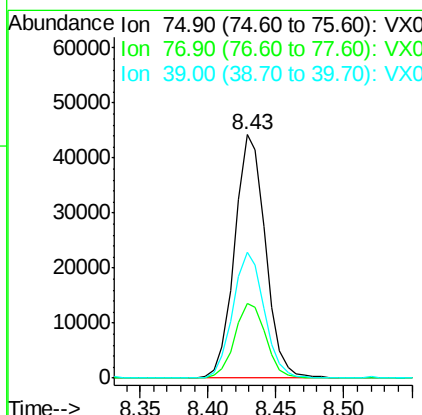
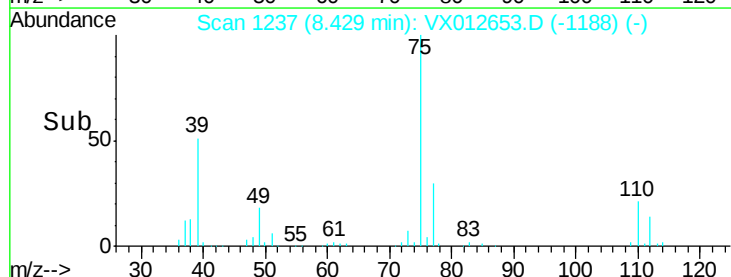
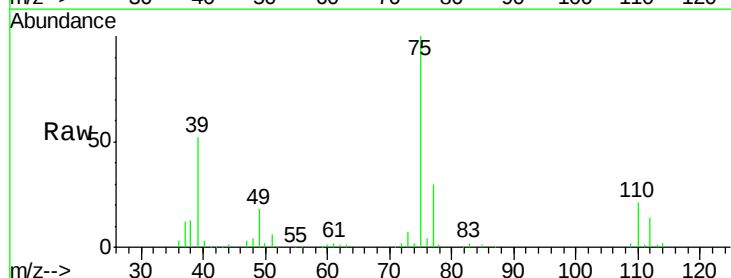
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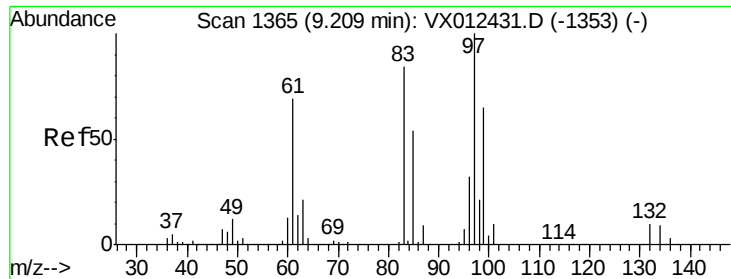
MMDadoda
 9/26/2019 9:33:39 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.517 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion: 75 Resp: 69770
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8
 39 51.6 45.5 68.3





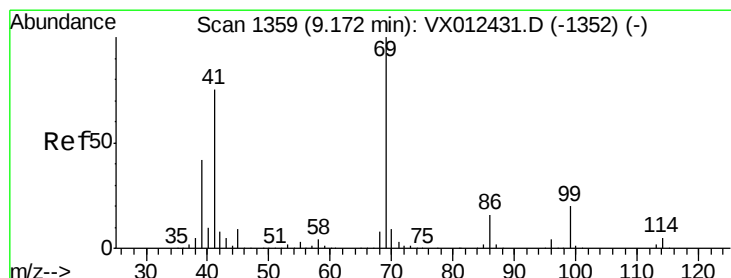
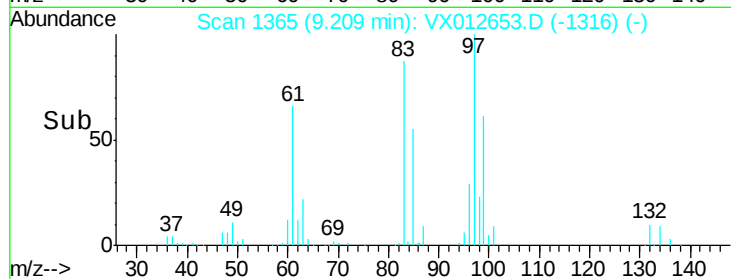
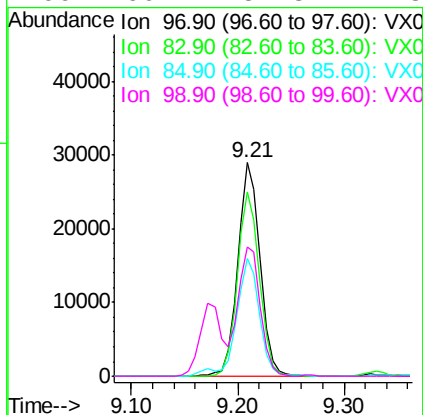
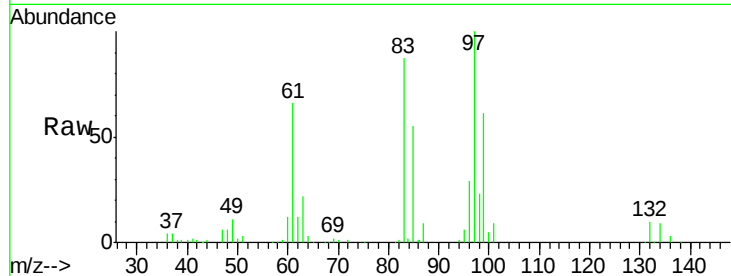
#55
 1,1,2-Trichloroethane
 Concen: 18.952 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion:	97	Resp:	42398
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.4	101.2
85	54.7	43.5	65.3
99	60.4	51.8	77.8

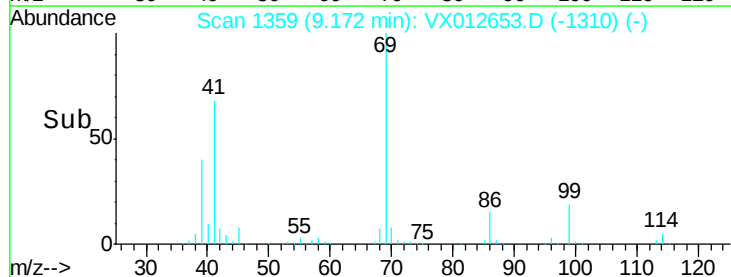
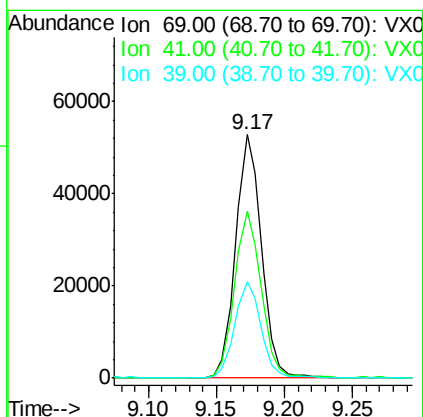
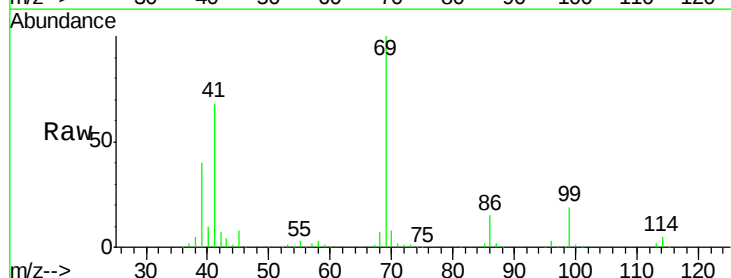
Manual Integrations
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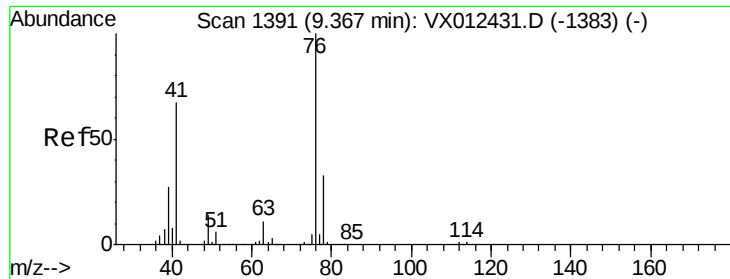
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 9/26/2019 9:33:39 AM



#56
 Ethyl methacrylate
 Concen: 18.694 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion:	69	Resp:	70258
Ion	Ratio	Lower	Upper
69	100		
41	70.0	58.4	87.6
39	40.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.429 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 76 Resp: 76072

Ion Ratio Lower Upper

76 100

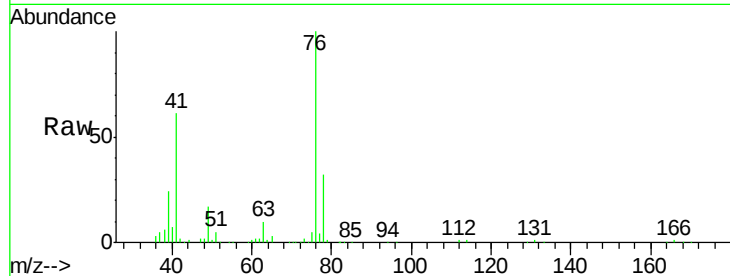
78 32.5 26.2 39.2

Manual Integrations

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9/26/2019 9:33:39 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

50000

40000

30000

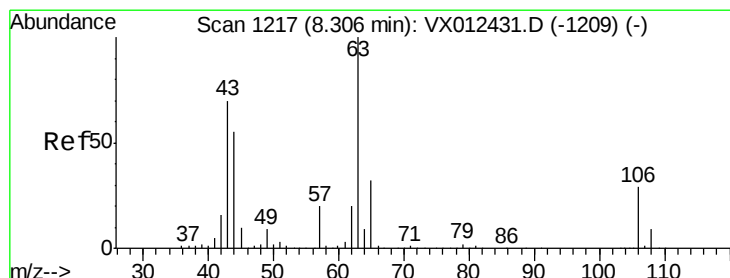
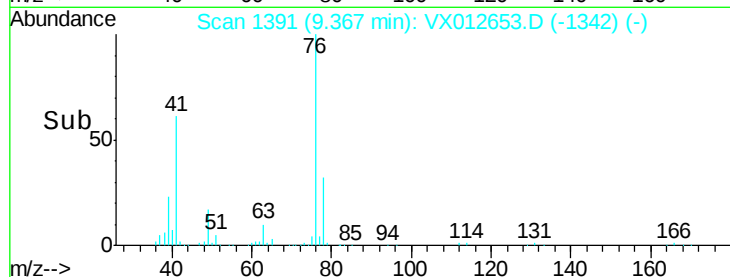
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 104.807 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012653.D

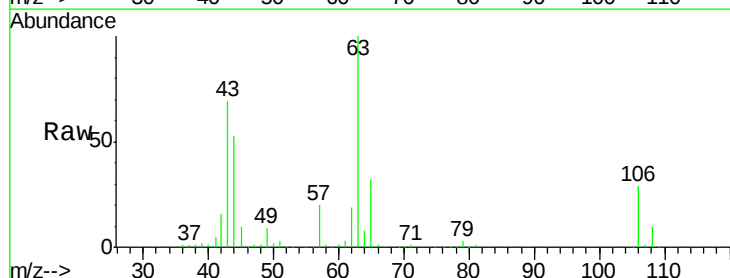
Acq: 25 Sep 2019 11:58

Tgt Ion: 63 Resp: 176814

Ion Ratio Lower Upper

63 100

106 28.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

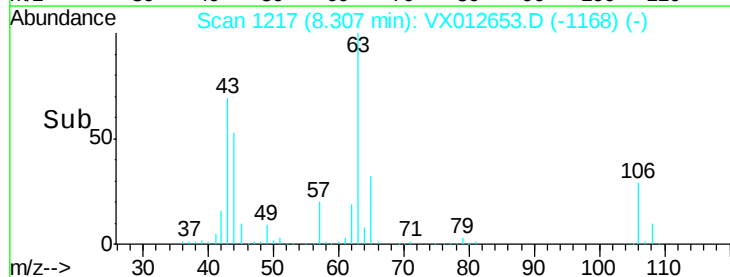
40000

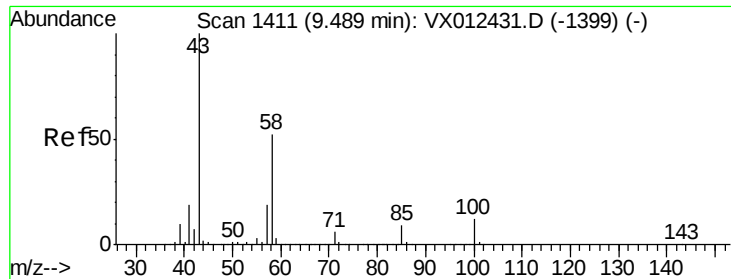
20000

0

8.20 8.30 8.40

Time-->





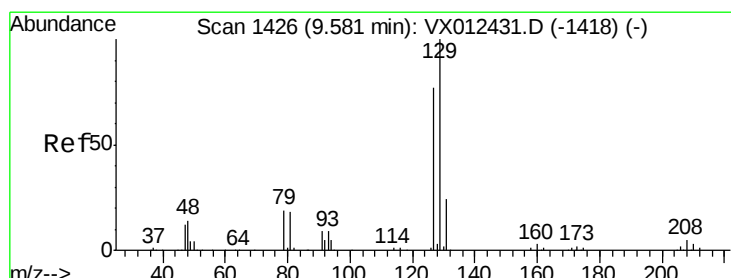
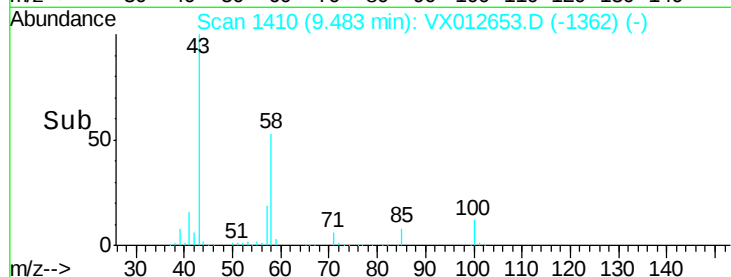
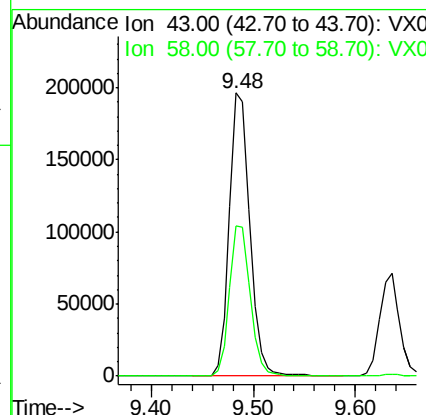
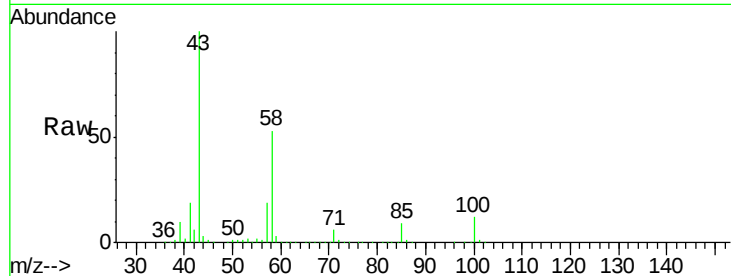
#59
2-Hexanone
Concen: 97.672 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion: 43 Resp: 274546
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1

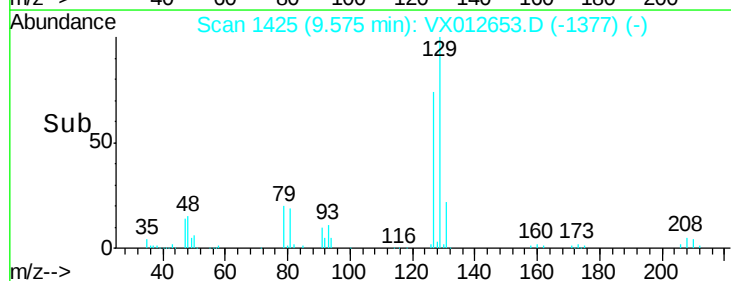
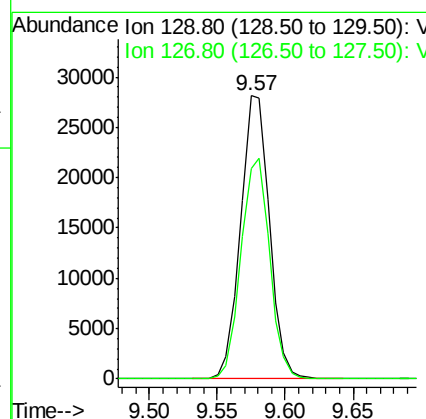
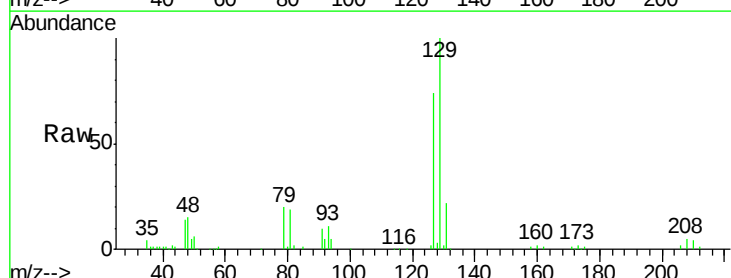
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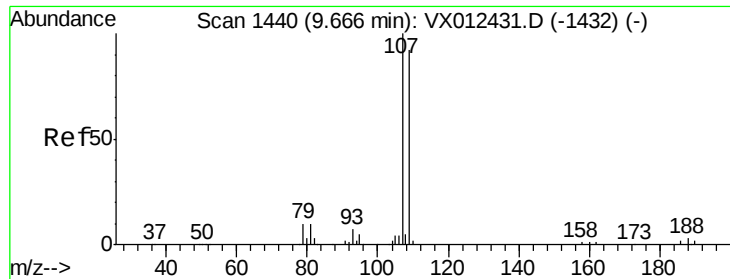
MMDadoda
9/26/2019 9:33:39 AM



#60
Dibromochloromethane
Concen: 18.401 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion: 129 Resp: 41671
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.879 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion:107 Resp: 43954

Ion Ratio Lower Upper

107 100

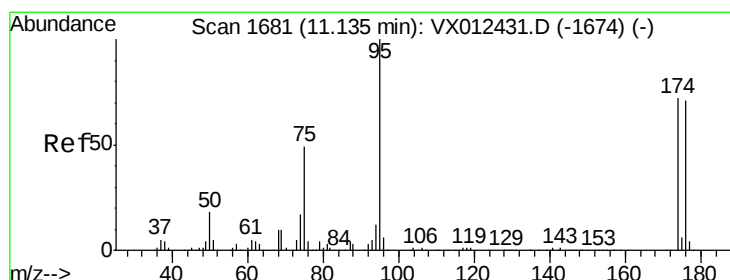
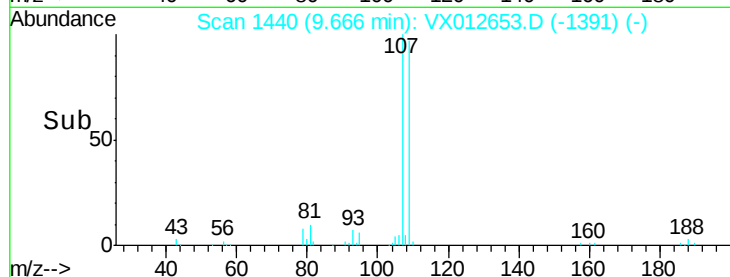
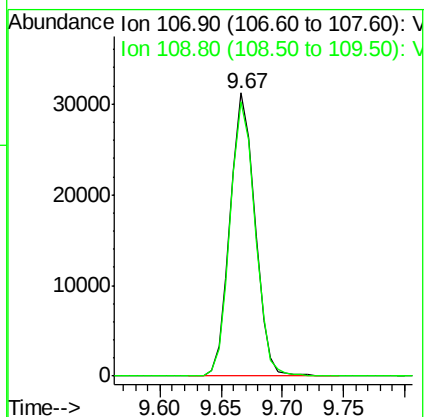
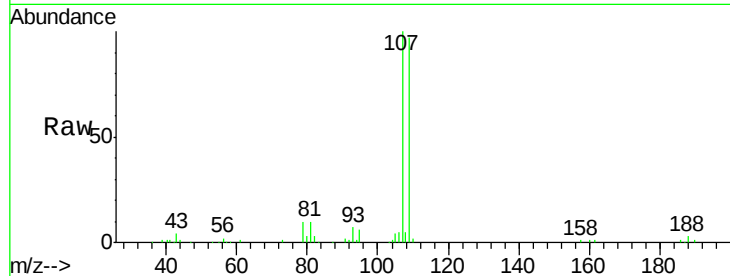
109 97.7 74.7 112.1

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9/26/2019 9:33:39 AM



#62

4-Bromofluorobenzene

Concen: 48.532 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

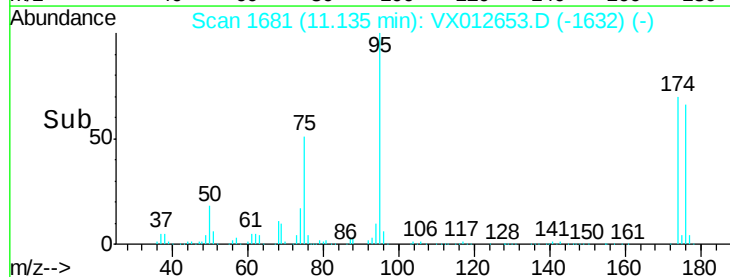
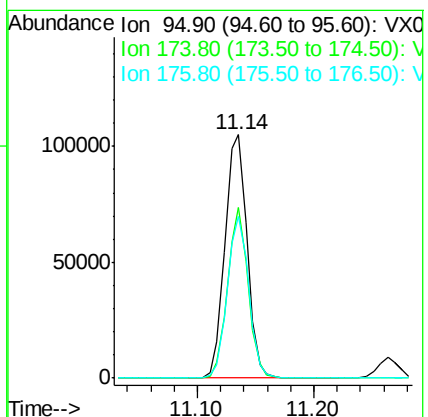
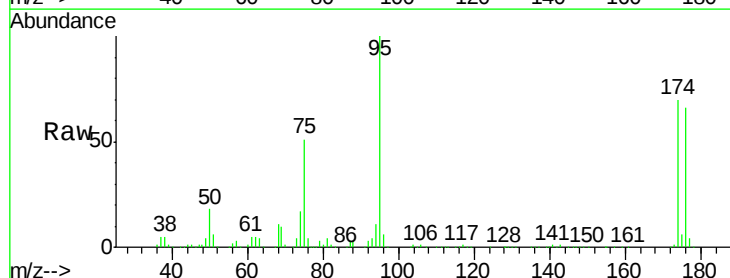
Tgt Ion: 95 Resp: 138162

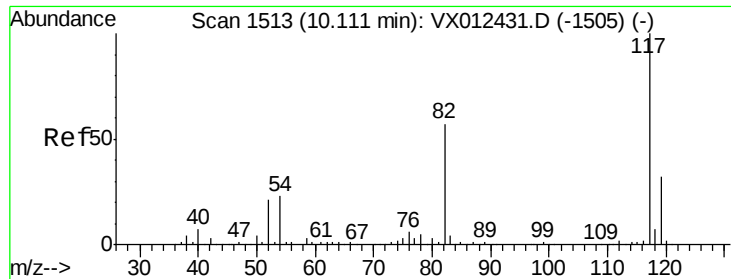
Ion Ratio Lower Upper

95 100

174 65.4 0.0 140.0

176 64.4 0.0 135.4





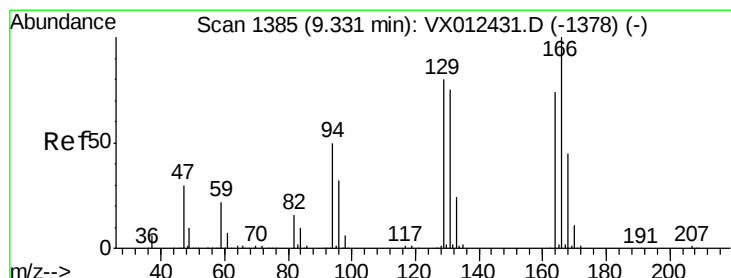
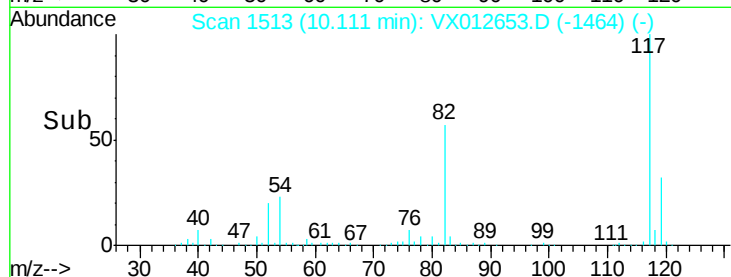
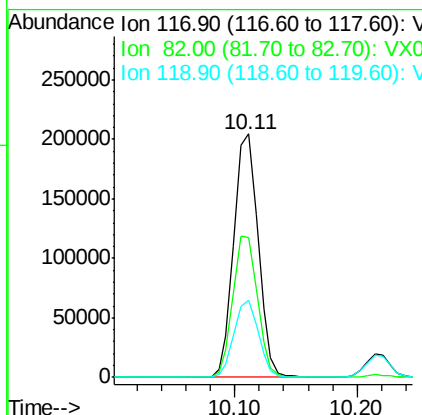
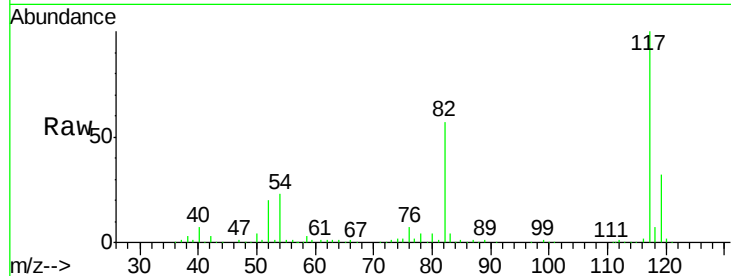
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	31.9	25.3	37.9

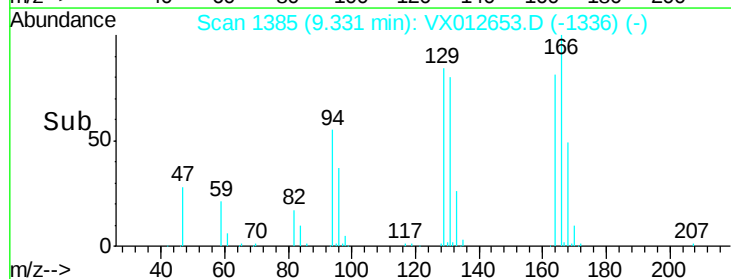
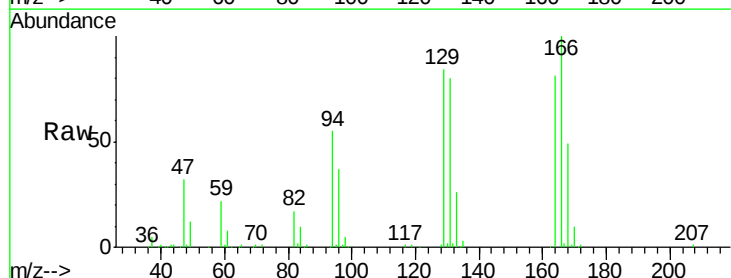
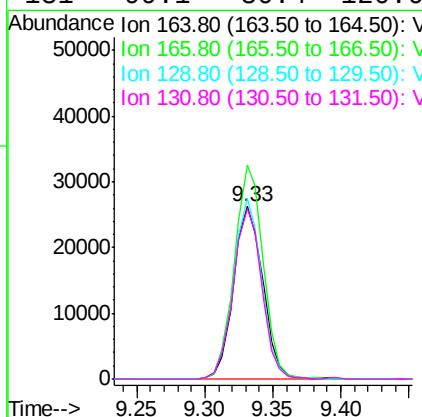
Manual Integrations
APPROVED

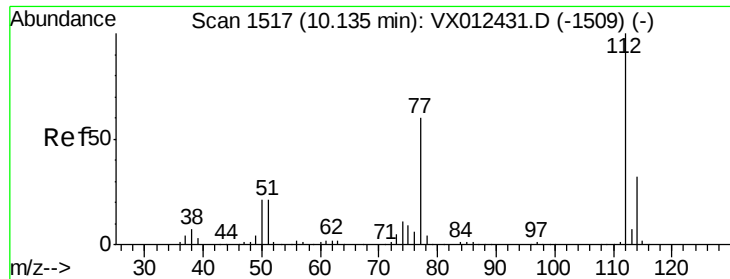
MMDadoda
9/26/2019 9:33:39 AM



#64
Tetrachloroethene
Concen: 19.898 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	107.8	161.6
129	104.6	86.2	129.2
131	99.1	80.4	120.6





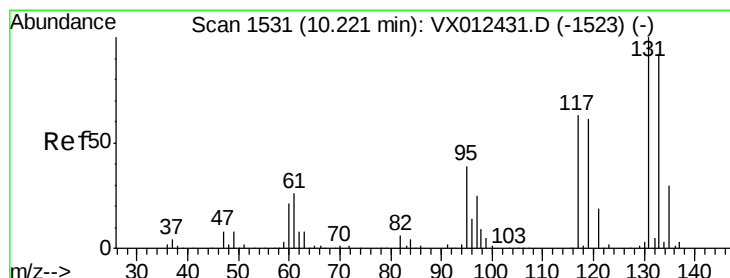
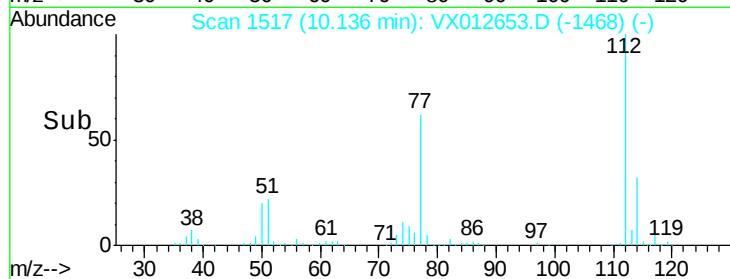
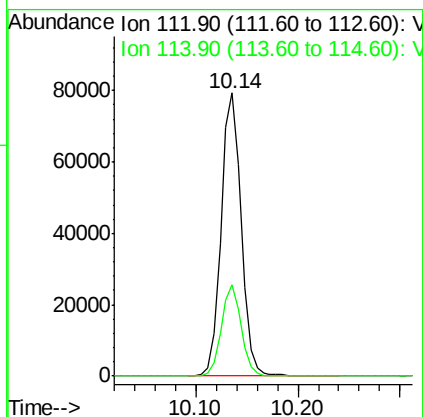
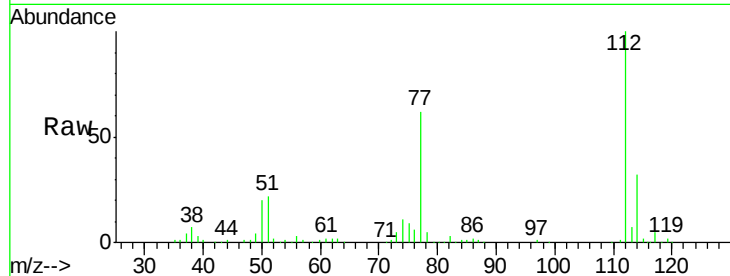
#65
Chlorobenzene
Concen: 18.299 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion:112 Resp: 108776
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

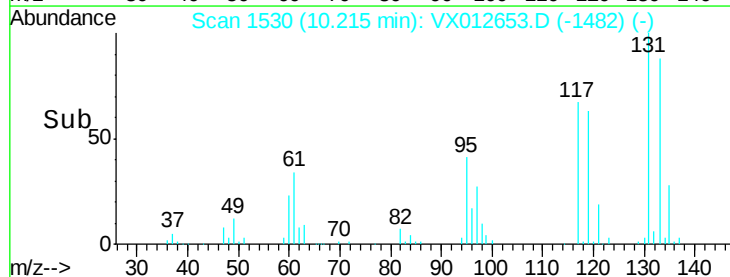
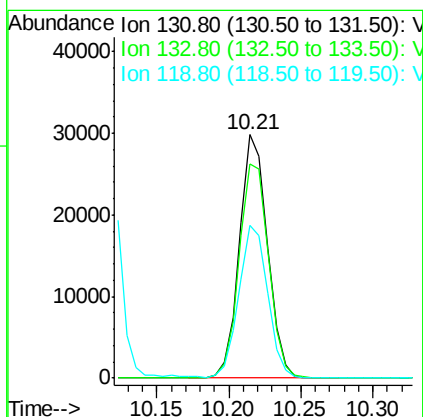
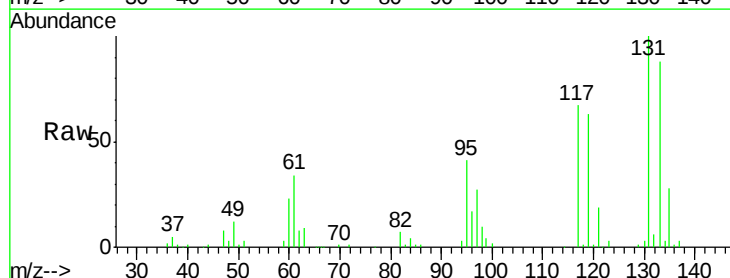
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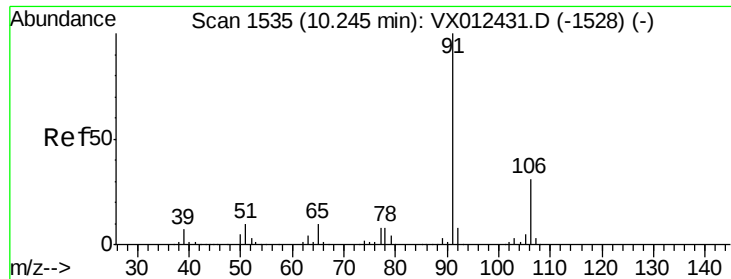
MMDadoda
9/26/2019 9:33:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.674 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion:131 Resp: 40221
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.9
119 65.2 31.3 93.8





#67

Ethyl Benzene

Concen: 18.684 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 91 Resp: 201444

Ion Ratio Lower Upper

91 100

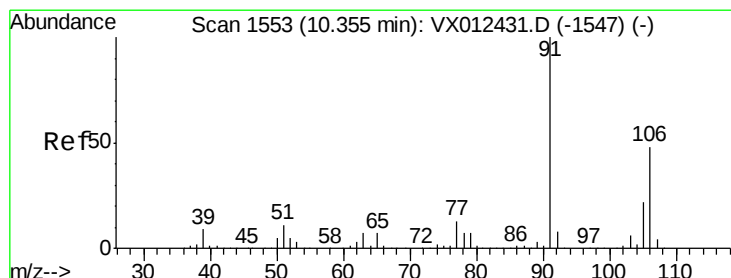
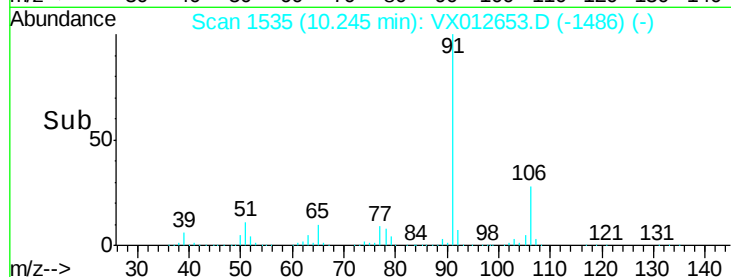
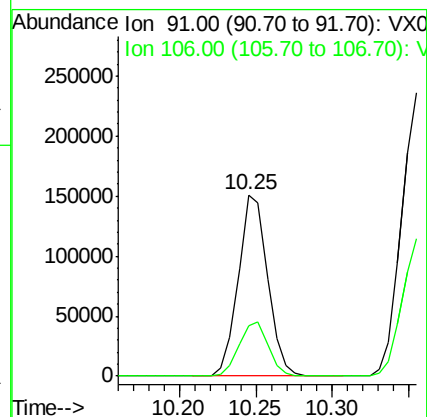
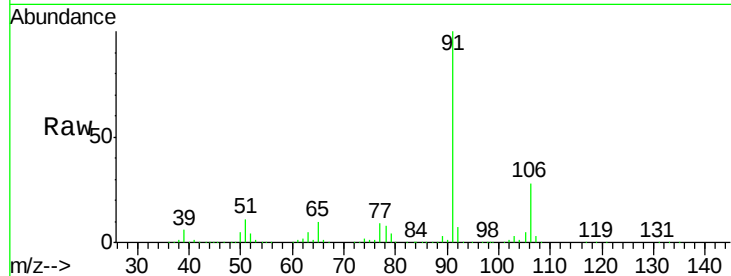
106 28.2 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

9/26/2019 9:33:39 AM



#68

m/p-Xylenes

Concen: 37.320 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012653.D

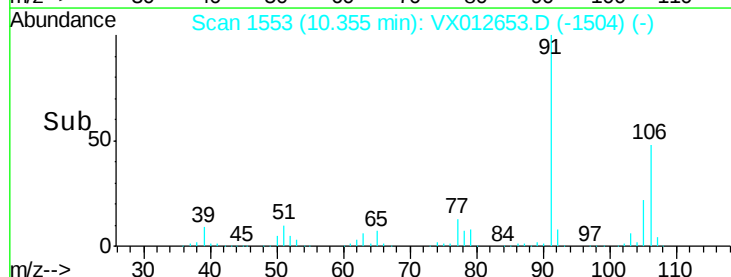
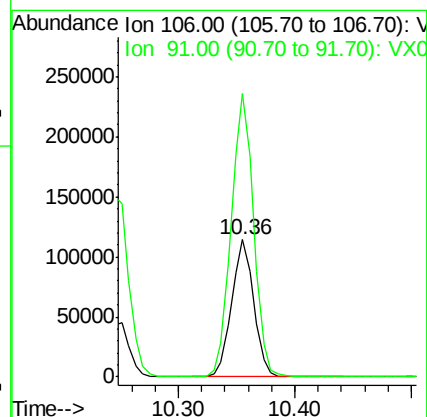
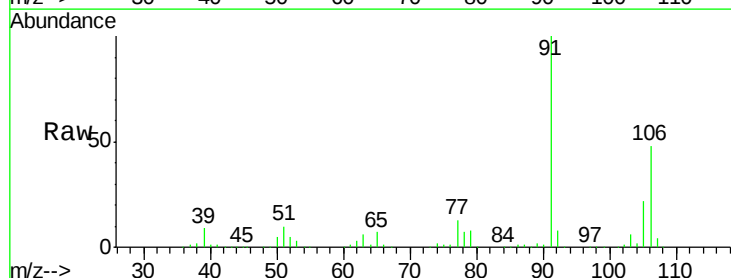
Acq: 25 Sep 2019 11:58

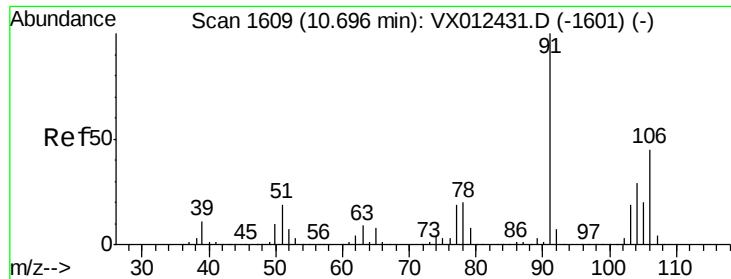
Tgt Ion: 106 Resp: 150729

Ion Ratio Lower Upper

106 100

91 209.5 166.6 250.0





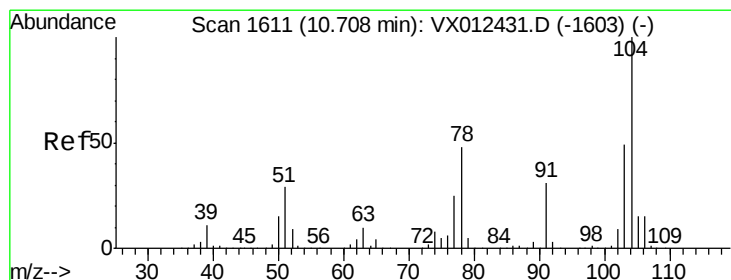
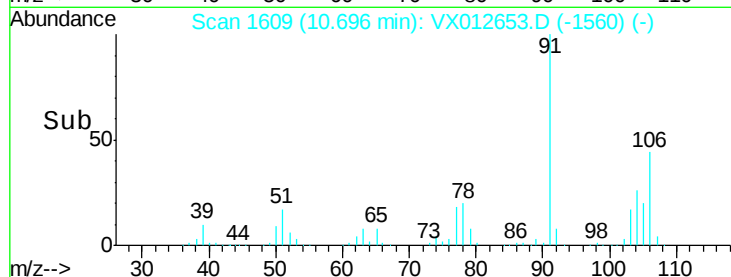
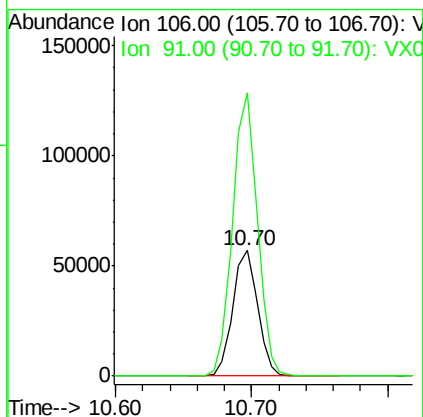
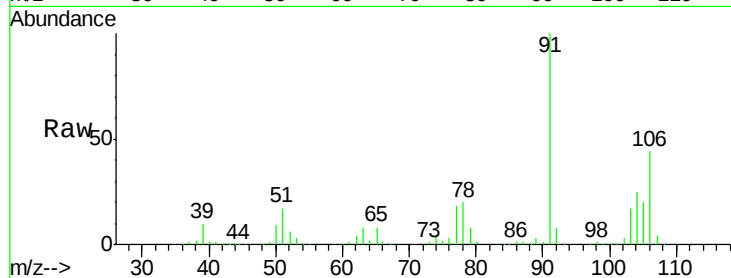
#69
o-Xylene
Concen: 18.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0925MBS01

Tot Ion:106 Resp: 73118
Ion Ratio Lower Upper
106 100
91 224.2 109.4 328.2

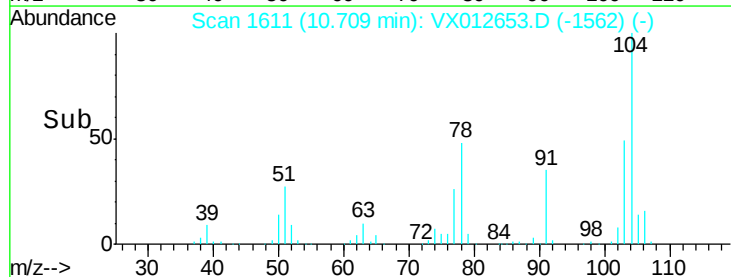
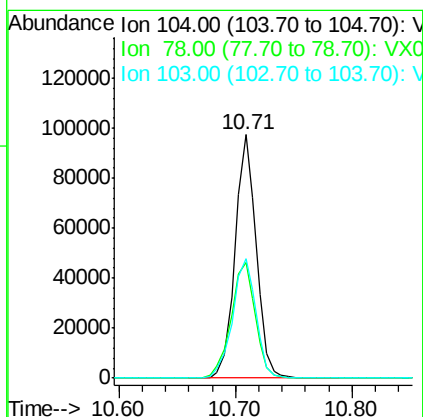
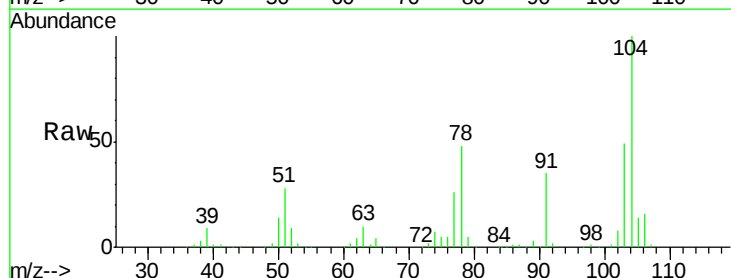
Manual Integrations
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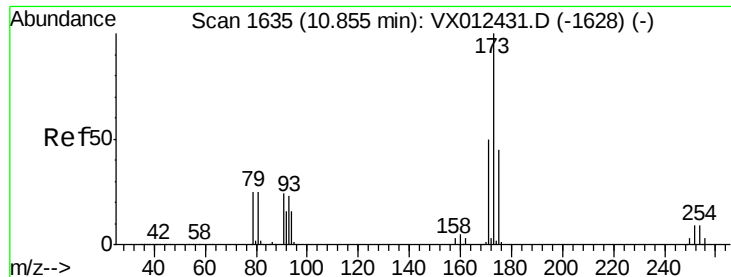
MMDadoda
9/26/2019 9:33:39 AM



#70
Styrene
Concen: 18.856 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion:104 Resp: 123535
Ion Ratio Lower Upper
104 100
78 54.6 43.4 65.2
103 54.5 43.3 64.9





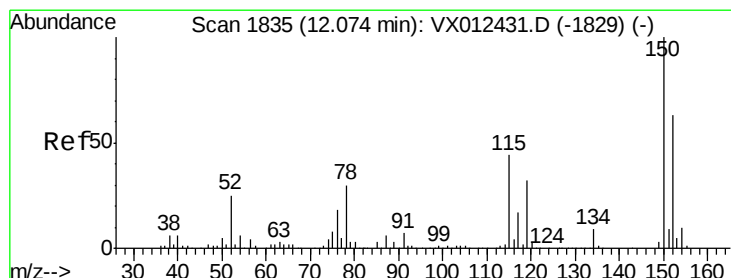
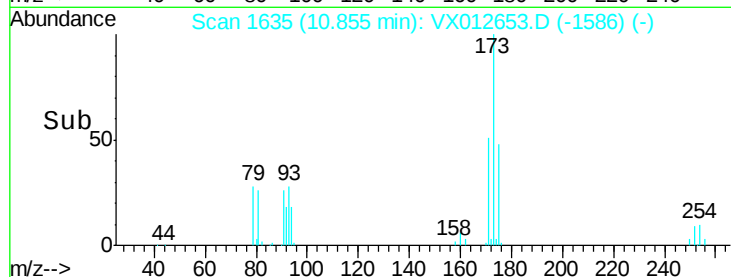
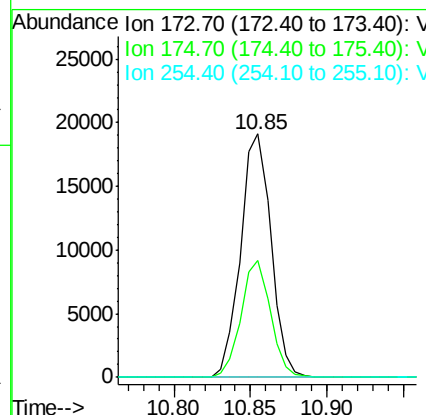
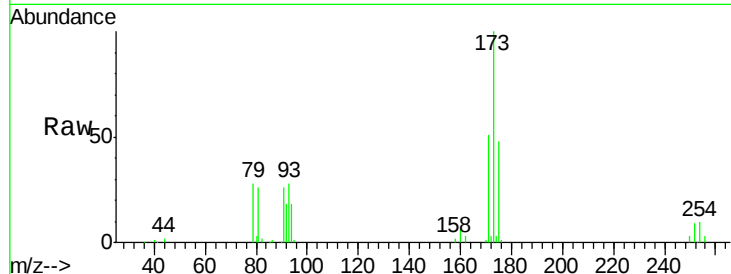
#71
Bromoform
Concen: 17.614 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.2	23.7	71.1
254	0.0	0.1	0.1

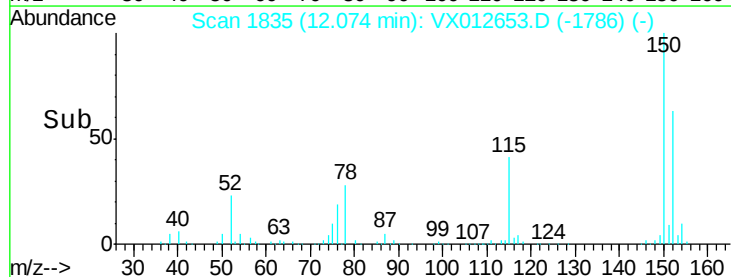
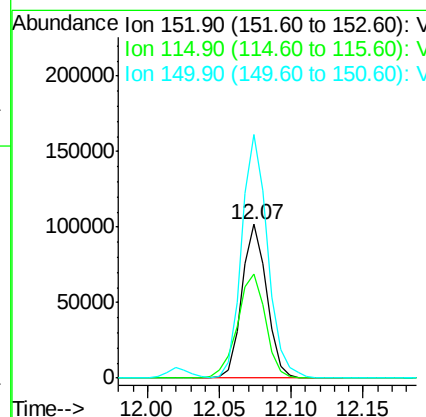
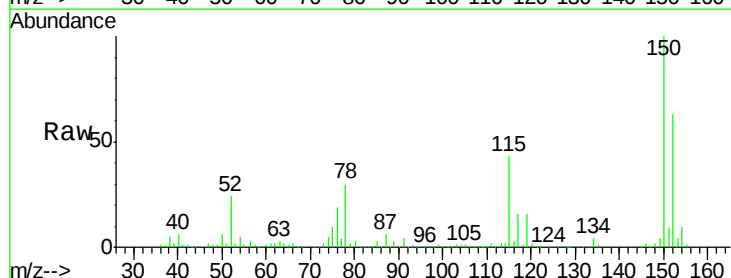
Manual Integrations
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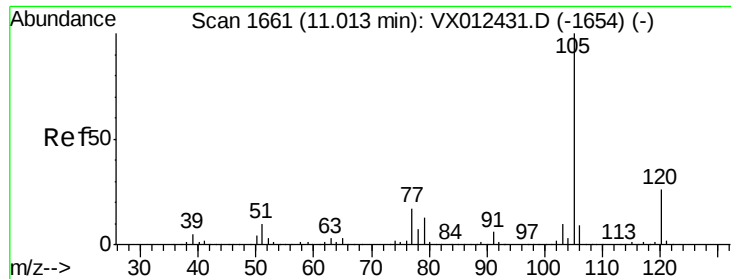
MMDadoda
9/26/2019 9:33:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	44.1	132.3
150	165.8	0.0	343.8





#73

Isopropylbenzene

Concen: 19.630 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion:105 Resp: 195354

Ion Ratio Lower Upper

105 100

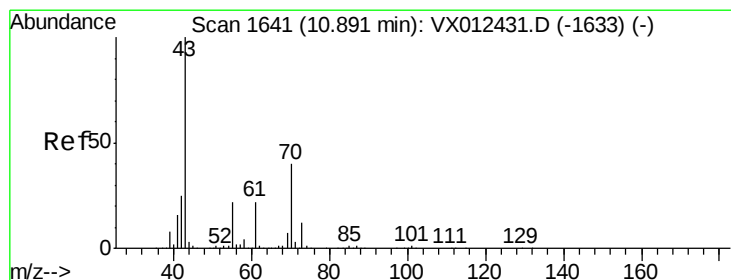
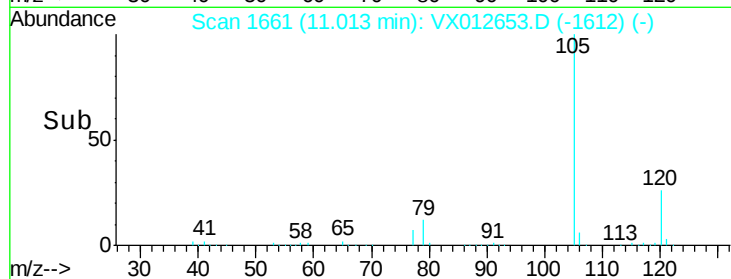
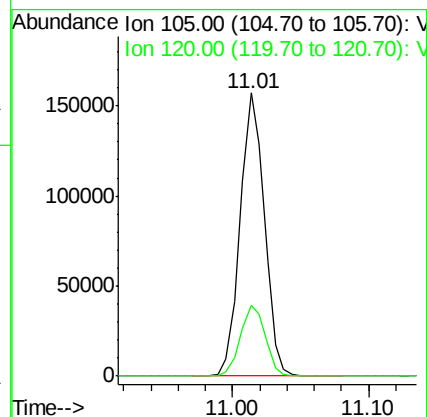
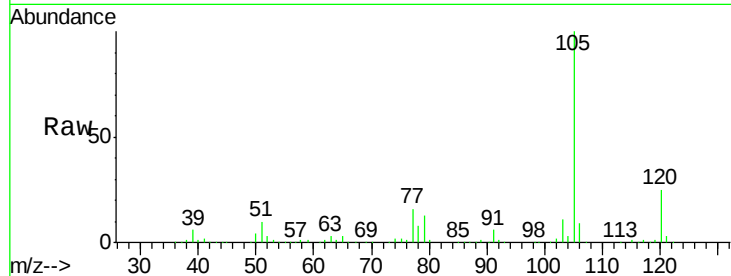
120 25.6 12.9 38.7

Manual Integrations

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MMDadoda

9/26/2019 9:33:39 AM



#74

N-ethyl acetate

Concen: 19.421 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion: 43 Resp: 92204

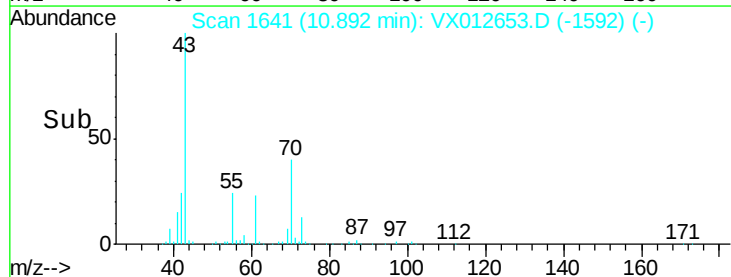
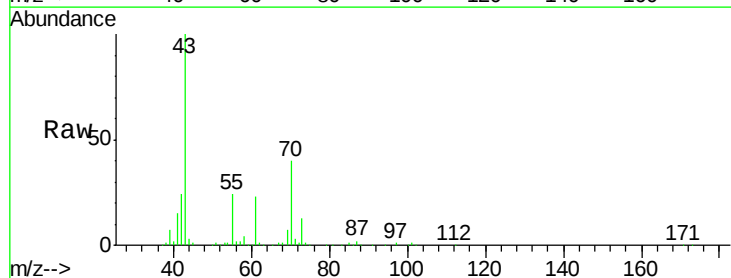
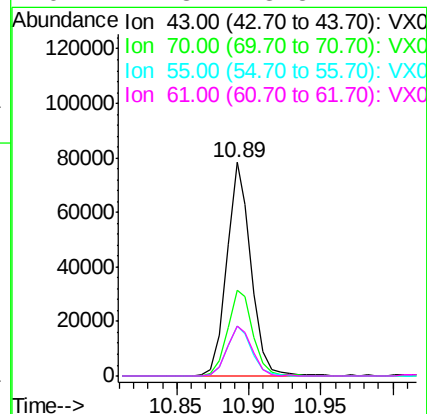
Ion Ratio Lower Upper

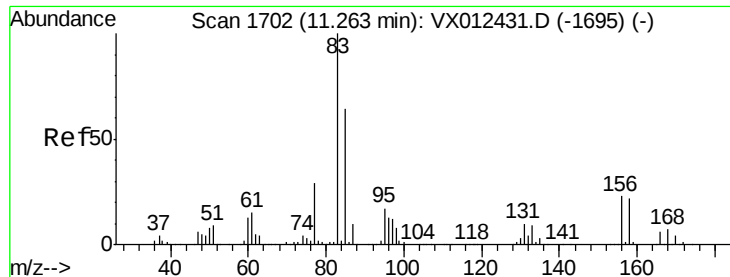
43 100

70 42.4 32.4 48.6

55 24.2 18.2 27.4

61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.844 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

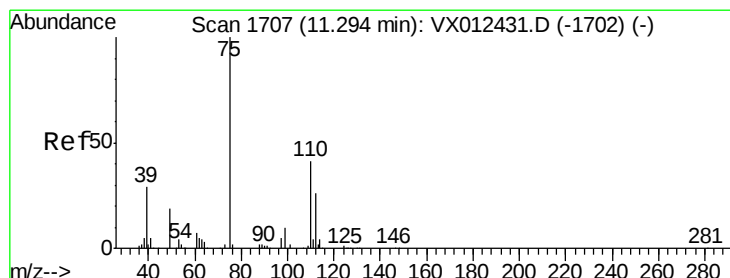
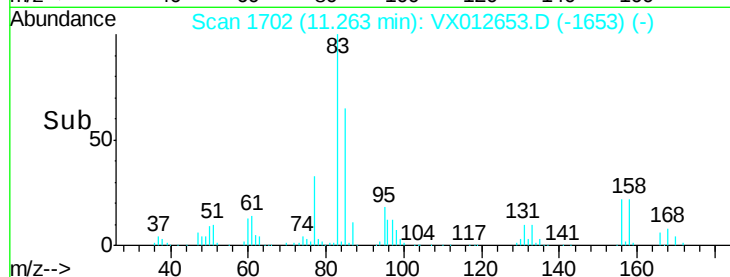
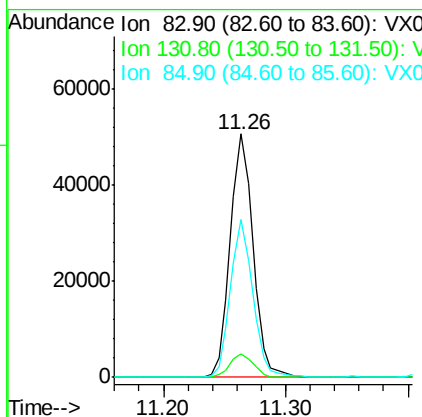
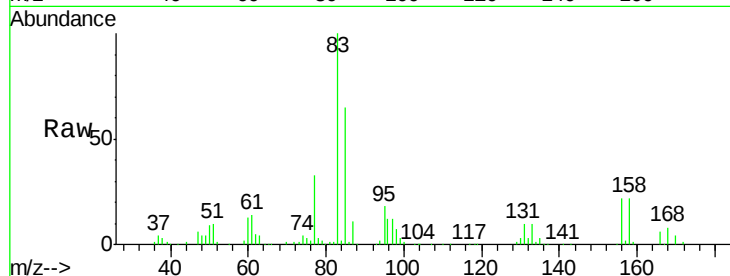
ClientSampleId :

VX0925MBS01

Tot Ion:	83	Resp:	65405
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	63.7	32.0	96.0

Manual Integrations
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MMDadoda
9/26/2019 9:33:39 AM



#76

1,2,3-Trichloropropane

Concen: 19.980 ug/l m

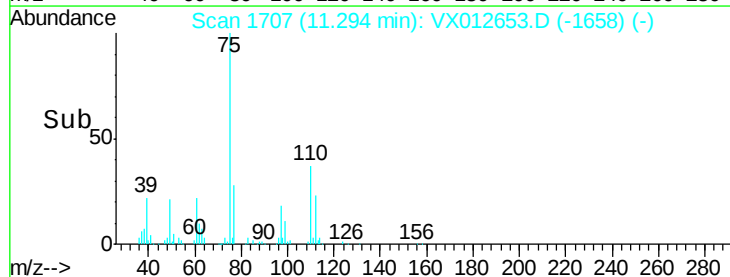
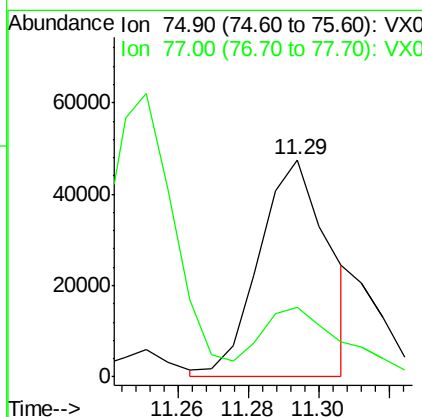
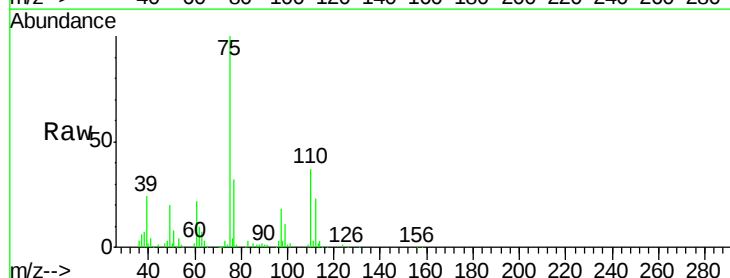
RT: 11.29 min Scan# 1707

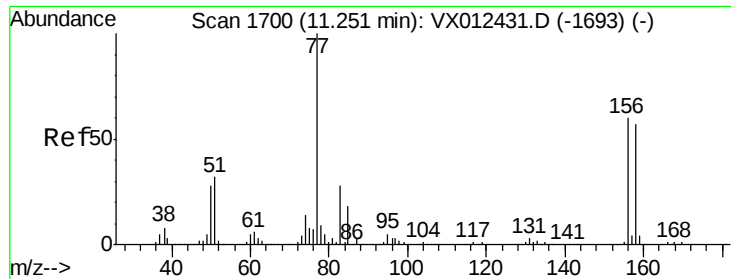
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	75	Resp:	64579
Ion Ratio	Lower	Upper	
75	100		
77	38.8	19.7	59.0





#77

Bromobenzene

Concen: 19.156 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

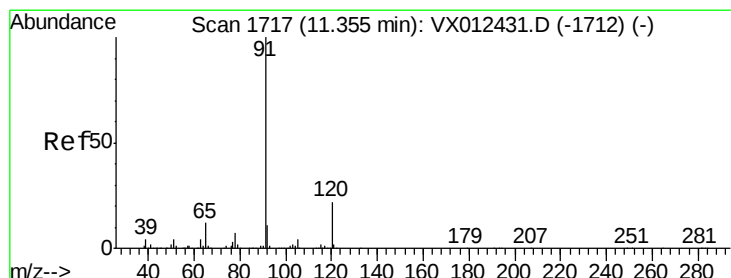
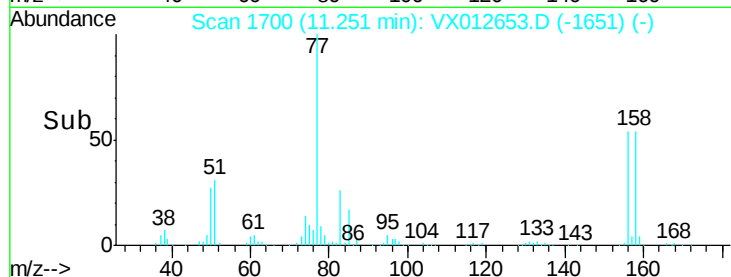
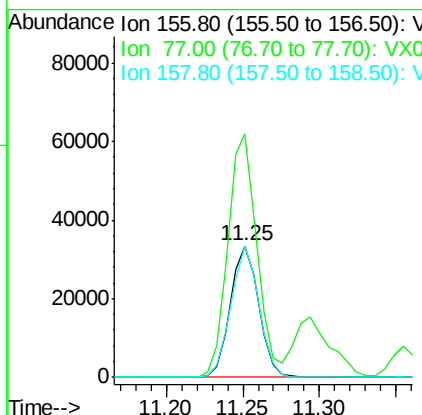
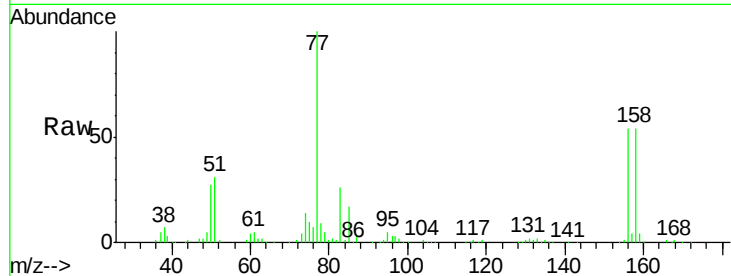
ClientSampleId :

VX0925MBS01

Tot Ion:	156	Resp:	43147
Ion	Ratio	Lower	Upper
156	100		
77	188.6	87.3	261.8
158	98.6	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
9/26/2019 9:33:39 AM



#78

n-propylbenzene

Concen: 19.477 ug/l

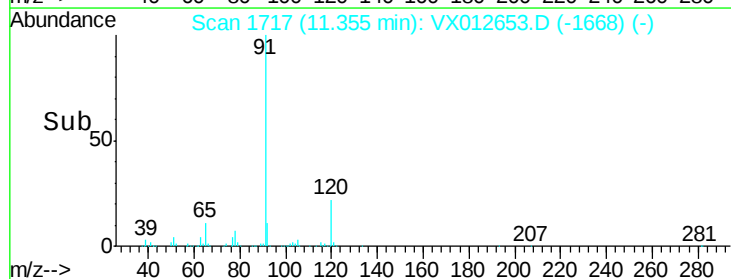
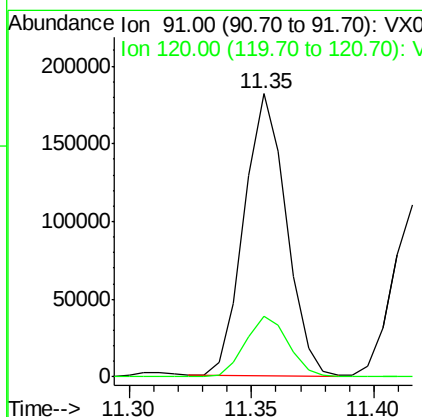
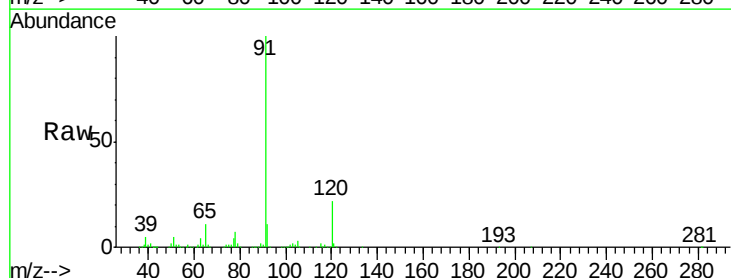
RT: 11.35 min Scan# 1717

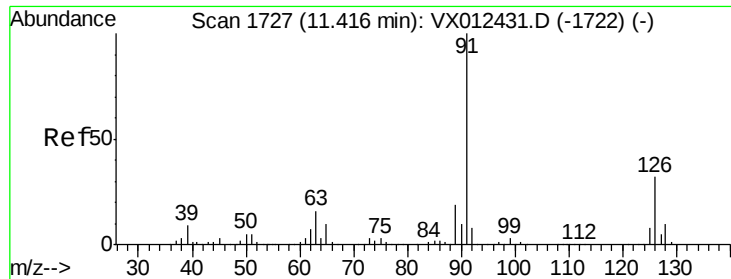
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	91	Resp:	218216
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 19.355 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 91 Resp: 135279

Ion Ratio Lower Upper

91 100

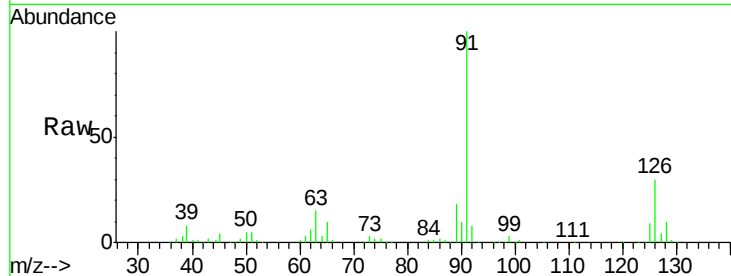
126 31.5 16.4 49.4

Manual Integrations

APPROVED

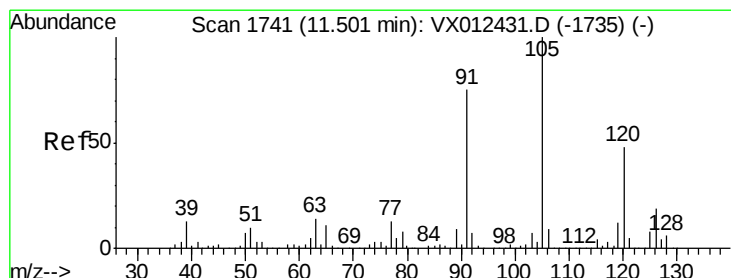
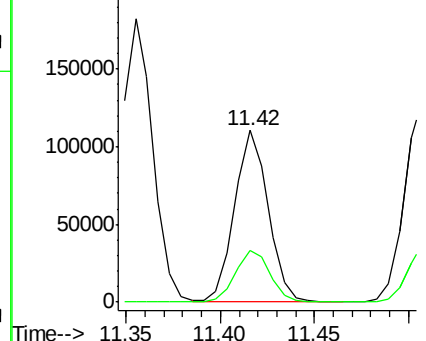
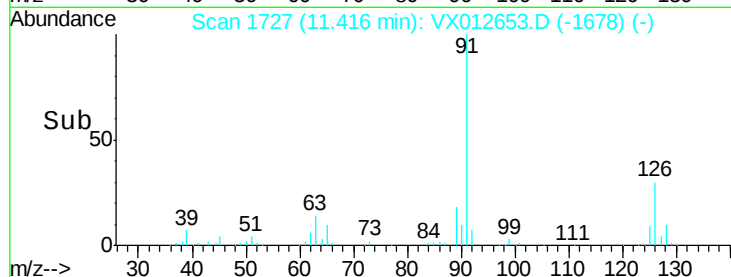
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.841 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012653.D

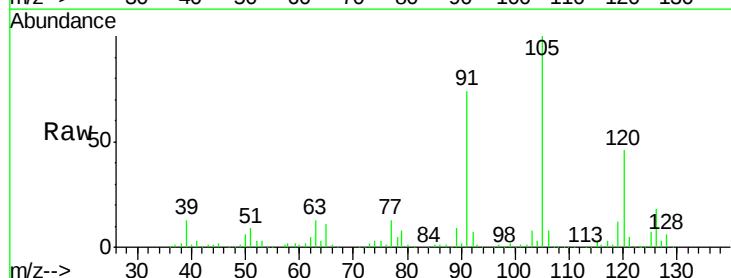
Acq: 25 Sep 2019 11:58

Tgt Ion:105 Resp: 165579

Ion Ratio Lower Upper

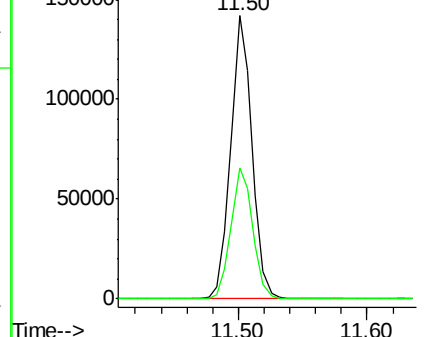
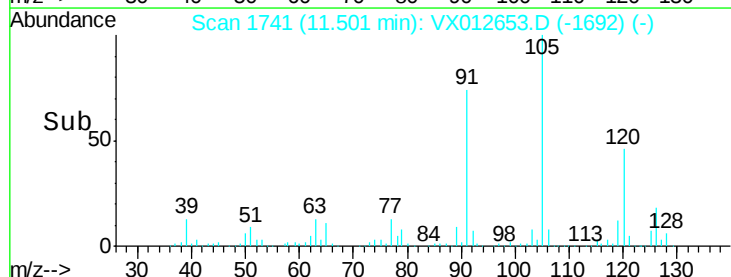
105 100

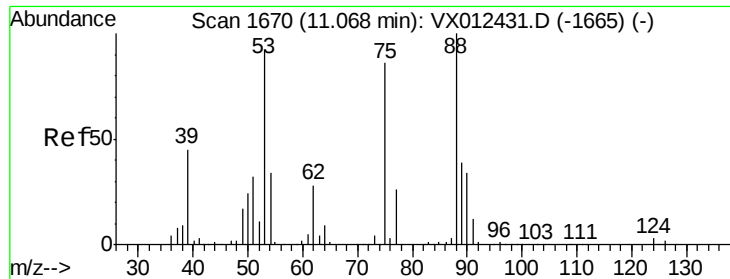
120 47.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.414 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion: 75 Resp: 20768

Ion Ratio Lower Upper

75 100

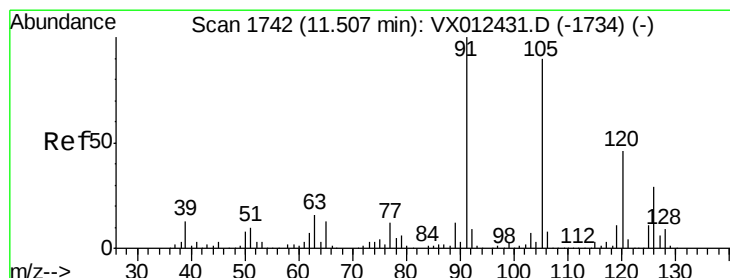
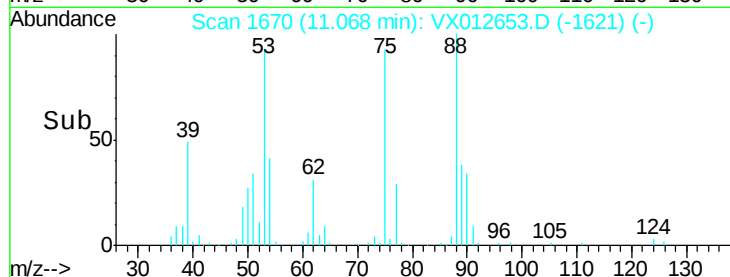
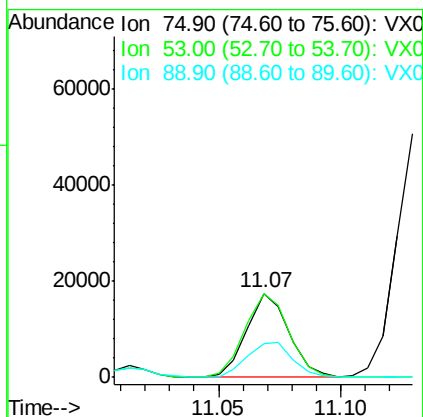
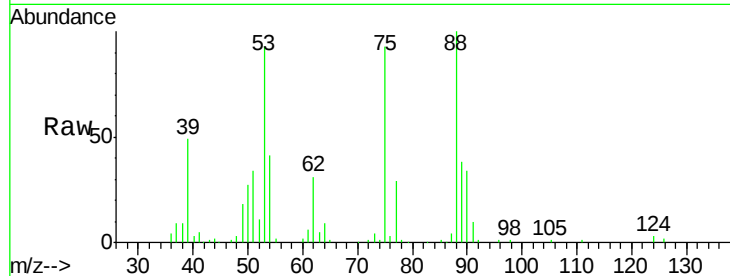
53 106.1 83.6 125.4

89 45.9 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.841 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012653.D

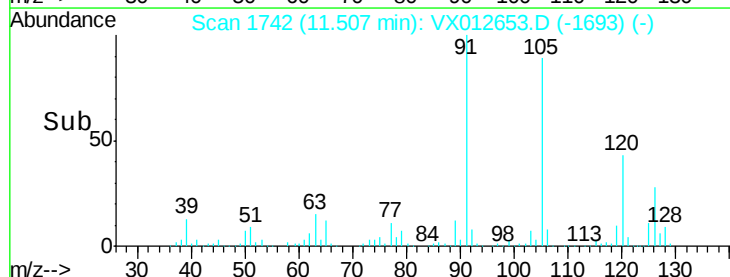
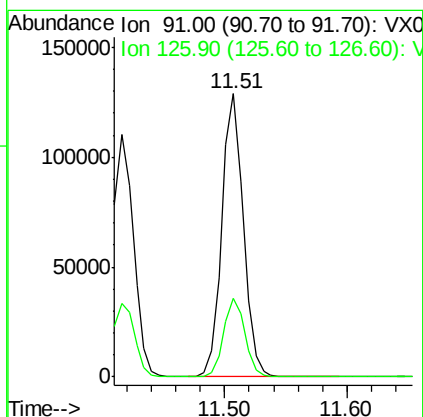
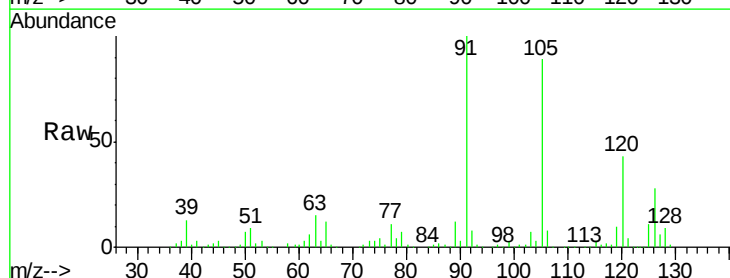
Acq: 25 Sep 2019 11:58

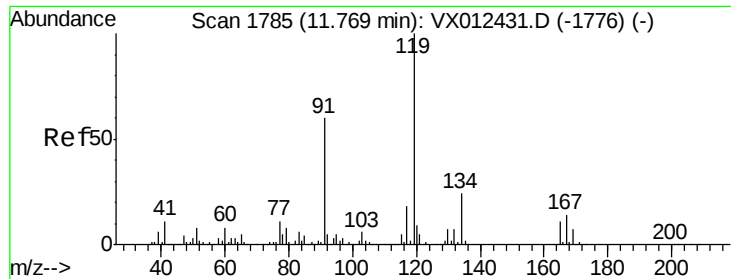
Tgt Ion: 91 Resp: 158080

Ion Ratio Lower Upper

91 100

126 27.3 14.4 43.0





#83

tert-Butylbenzene

Concen: 19.645 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

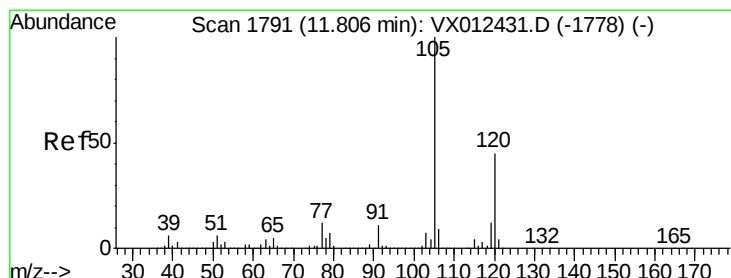
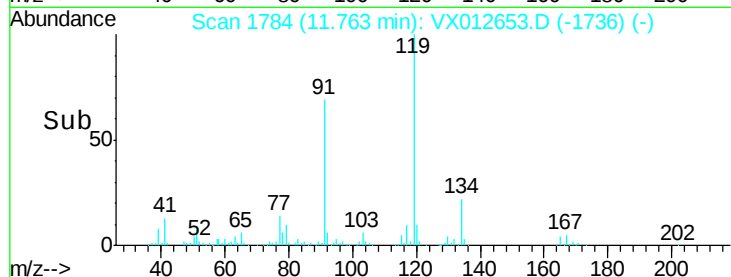
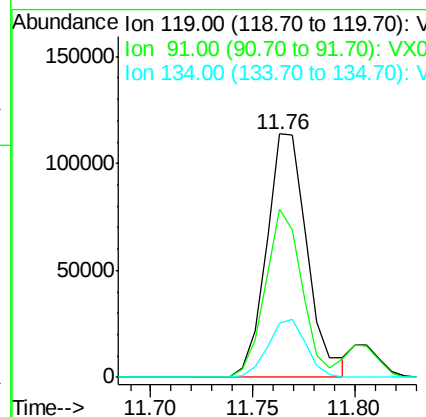
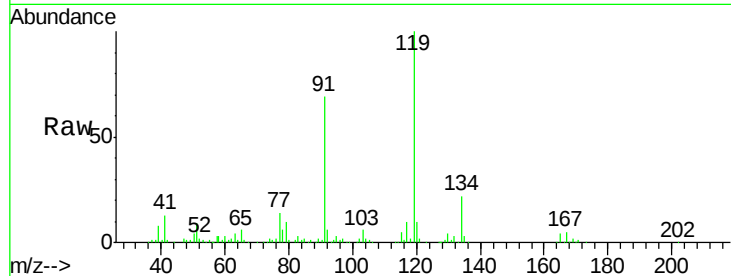
ClientSampleId :

VX0925MBS01

Tot Ion:	119	Resp:	158151
Ion Ratio	Lower	Upper	
119	100		
91	62.2	30.0	90.0
134	22.3	11.3	33.9

Manual Integrations
APPROVED

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#84

1,2,4-Trimethylbenzene

Concen: 19.771 ug/l

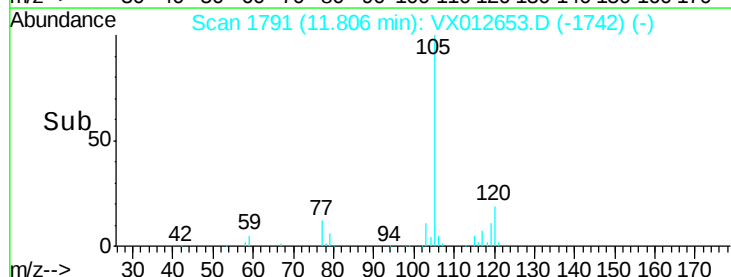
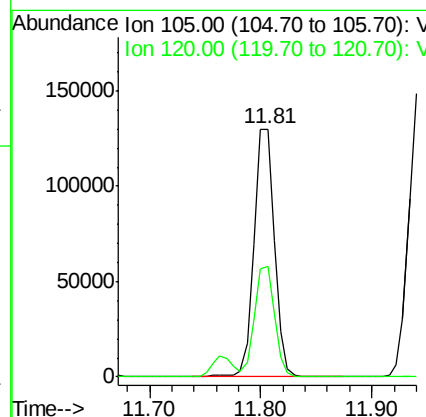
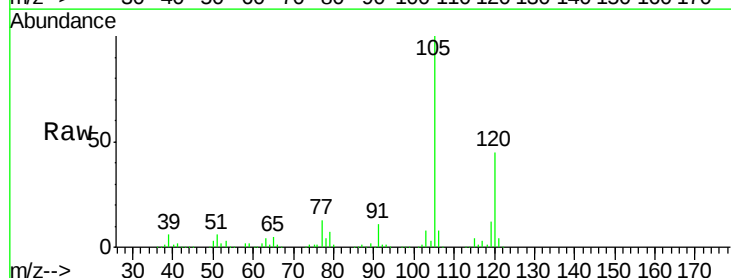
RT: 11.81 min Scan# 1791

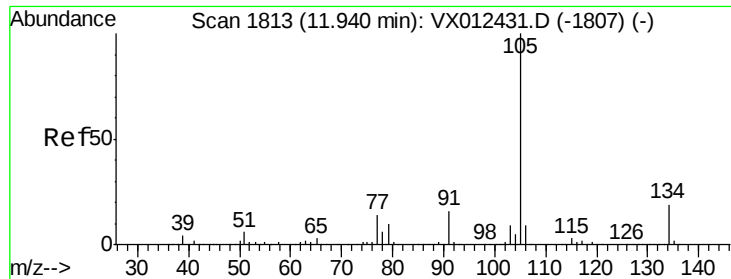
Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Tgt Ion:	105	Resp:	166448
Ion Ratio	Lower	Upper	
105	100		
120	43.8	22.2	66.6





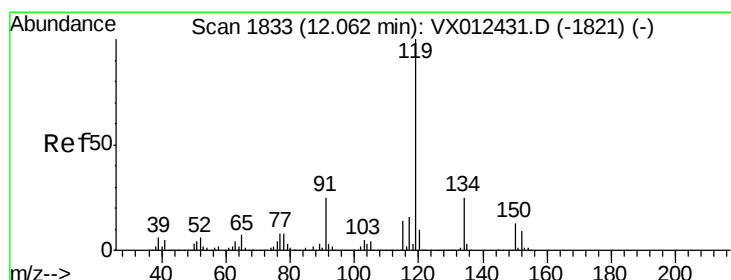
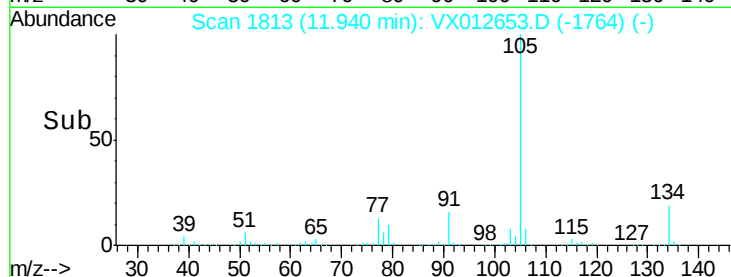
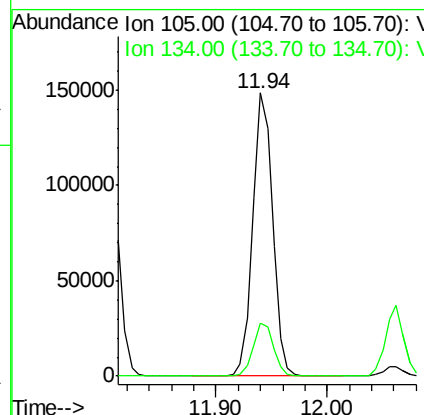
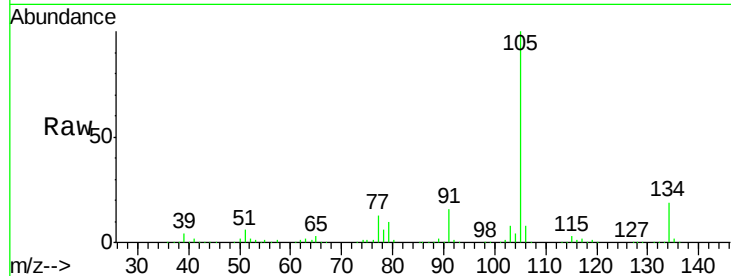
#85
 sec-Butylbenzene
 Concen: 19.646 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4

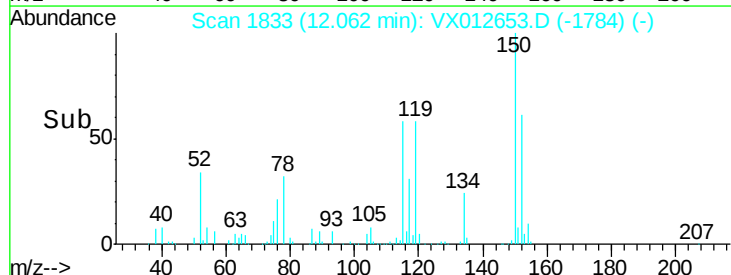
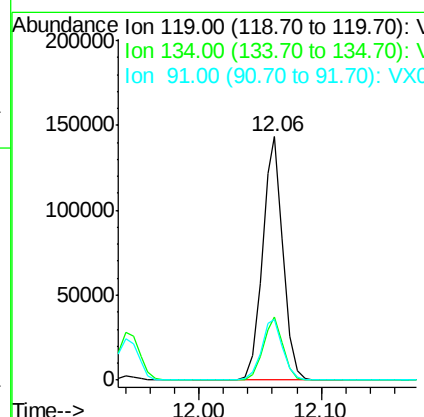
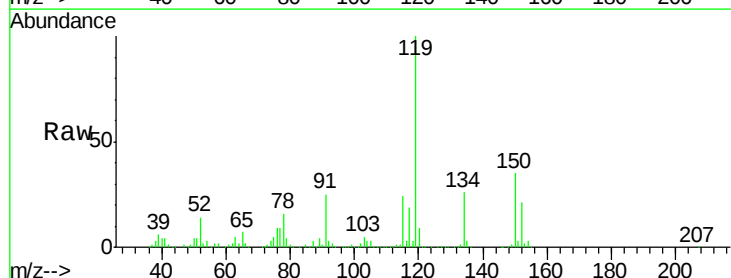
Manual Integrations
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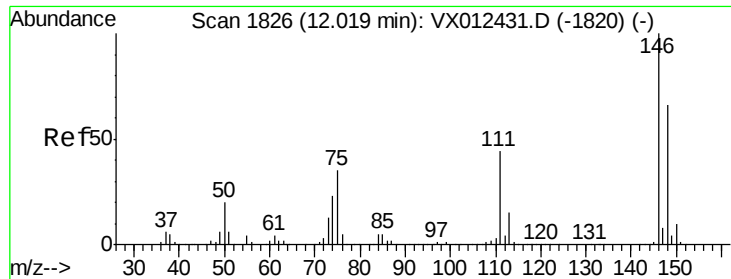
MMDadoda
 9/26/2019 9:33:39 AM



#86
 p-Isopropyltoluene
 Concen: 19.766 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.7	38.1
91	26.1	12.8	38.4





#87

1,3-Dichlorobenzene

Concen: 19.104 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBS01

Tot Ion:146 Resp: 77436

Ion Ratio Lower Upper

146 100

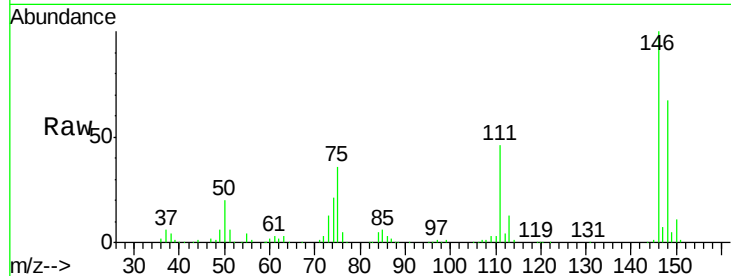
111 45.2 21.3 64.0

148 64.5 32.4 97.2

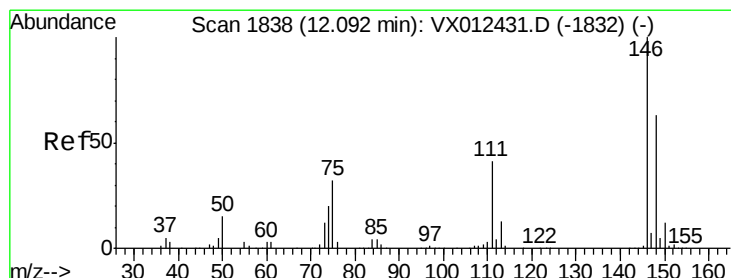
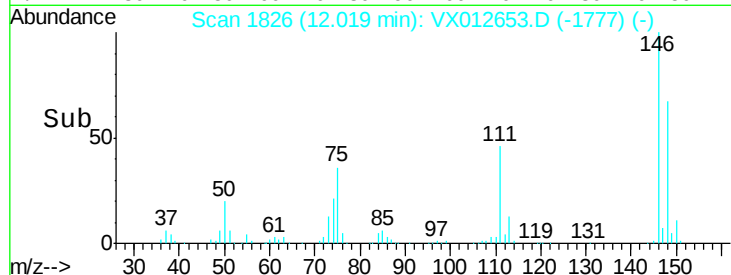
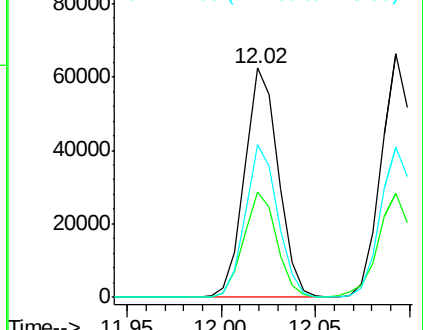
Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.461 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012653.D

Acq: 25 Sep 2019 11:58

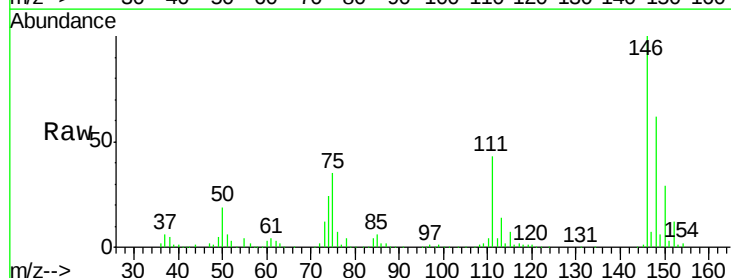
Tgt Ion:146 Resp: 79709

Ion Ratio Lower Upper

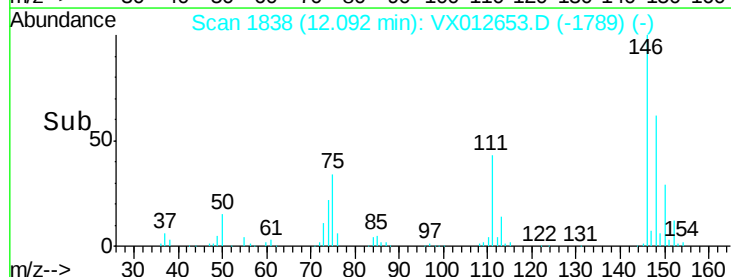
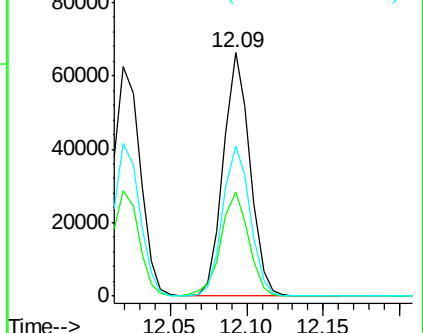
146 100

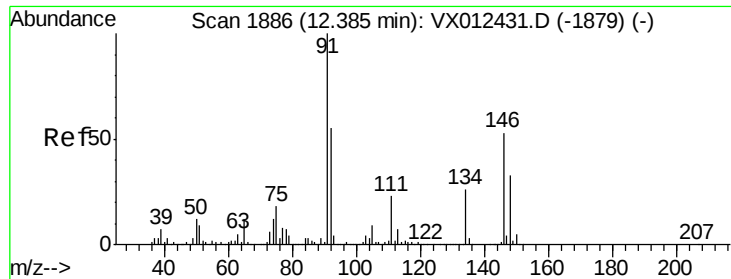
111 44.8 21.1 63.3

148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





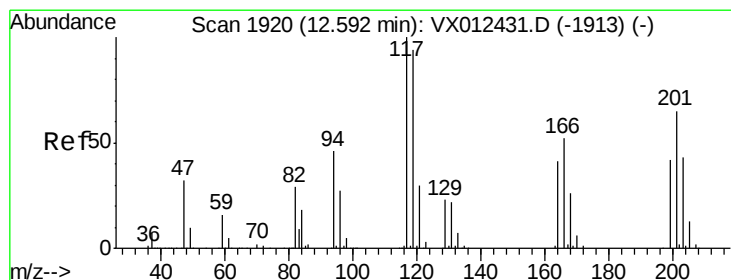
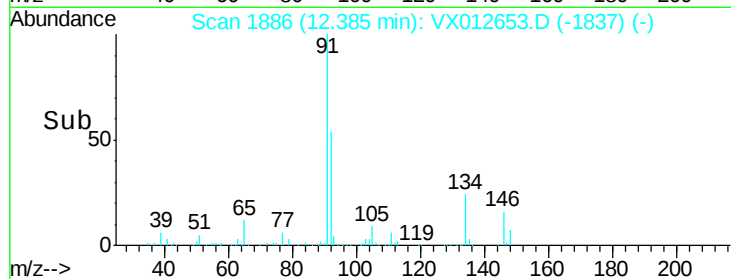
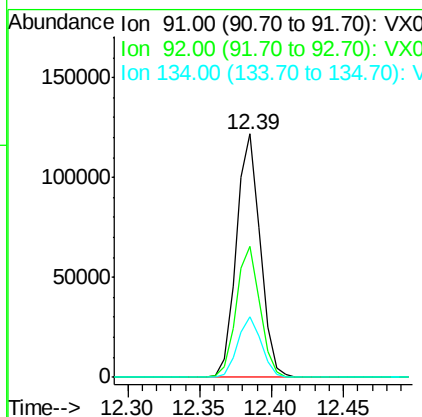
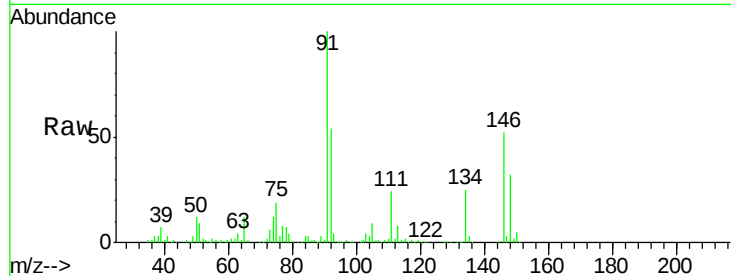
#89
n-Butylbenzene
Concen: 18.934 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	140964		
92	53.7	27.7	83.0	
134	24.6	12.9	38.6	

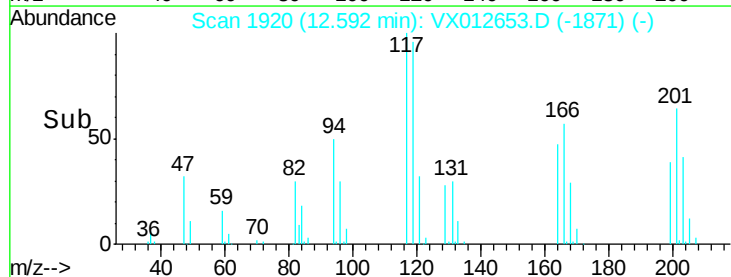
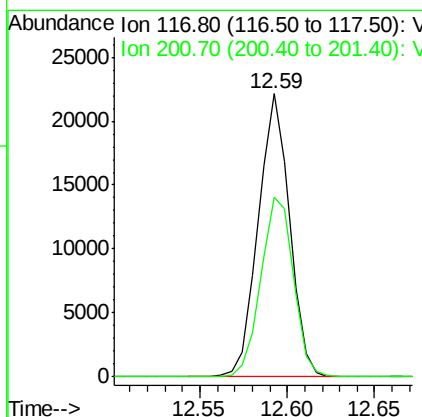
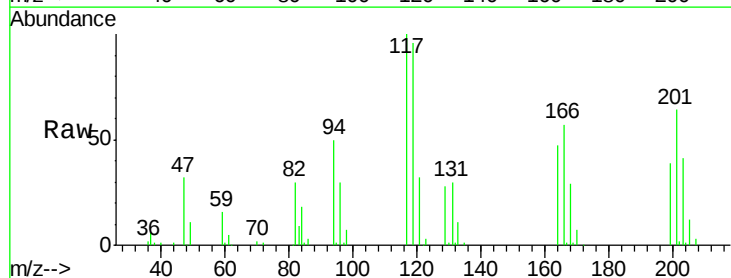
Manual Integrations
APPROVED

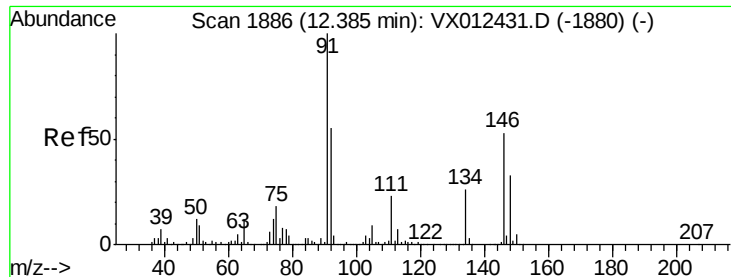
MMDadoda
9/26/2019 9:33:39 AM



#90
Hexachloroethane
Concen: 18.283 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27538		
201	66.2	33.3	99.8	





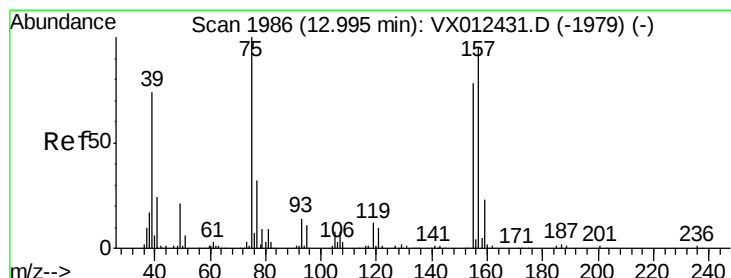
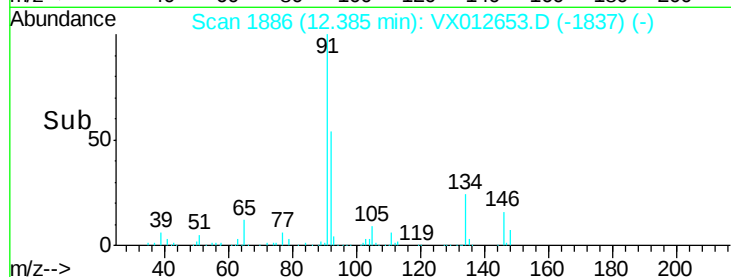
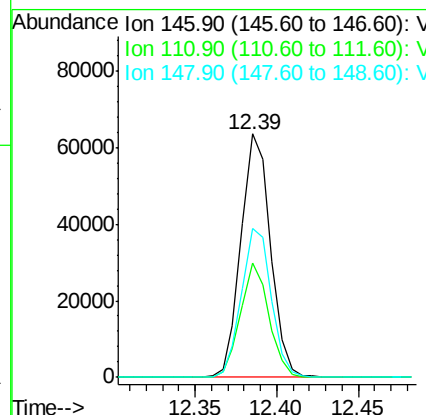
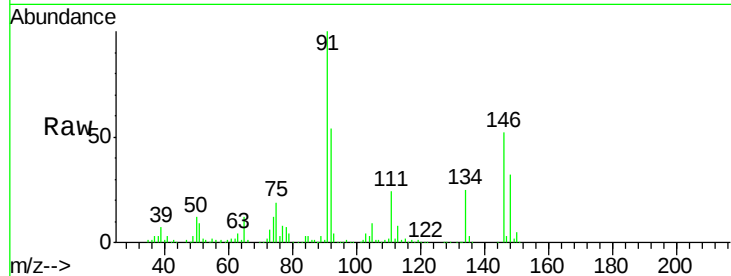
#91
 1,2-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.1	66.1
148	61.9	31.3	93.9

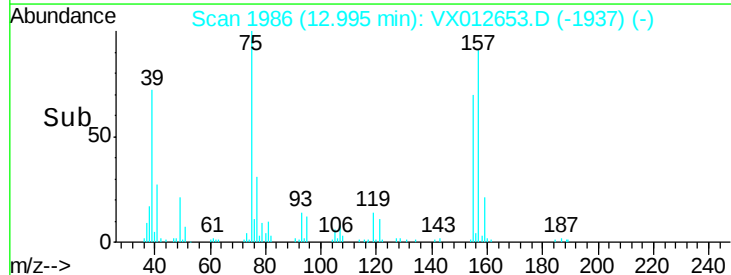
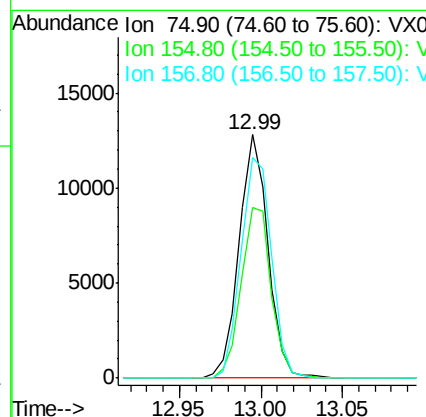
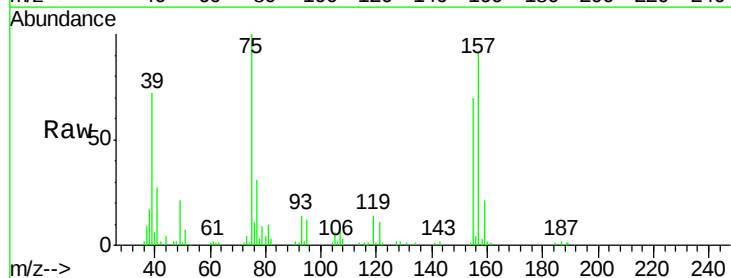
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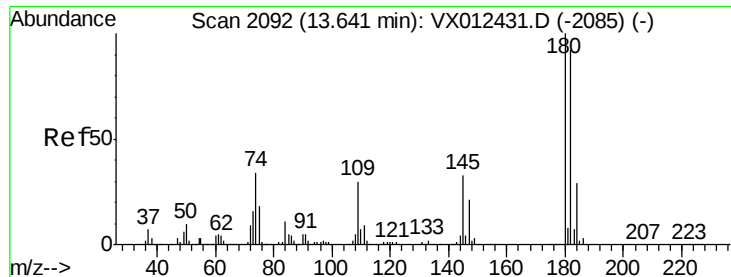
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.101 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	38.6	115.8
157	96.2	50.6	151.9





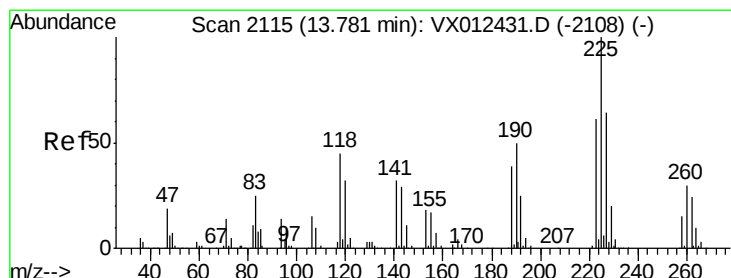
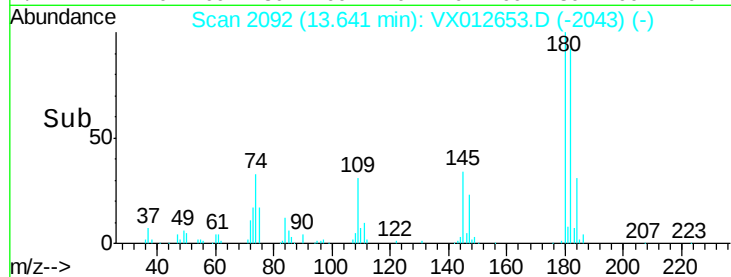
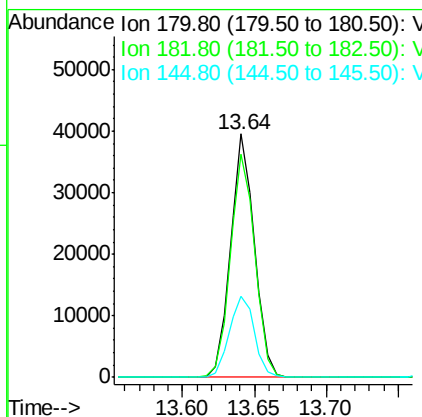
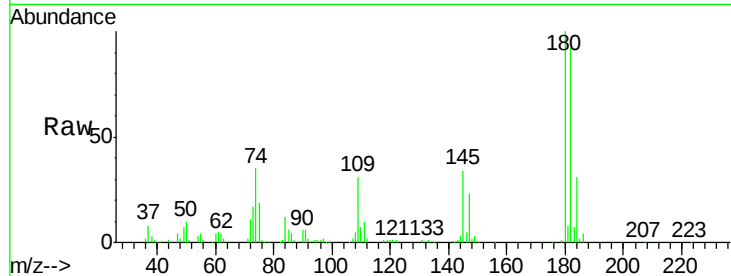
#93
 1,2,4-Trichlorobenzene
 Concen: 18.647 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46147		
182	94.0	47.0	141.0	
145	35.2	16.8	50.4	

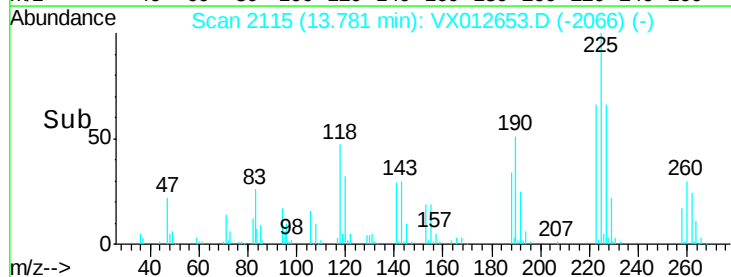
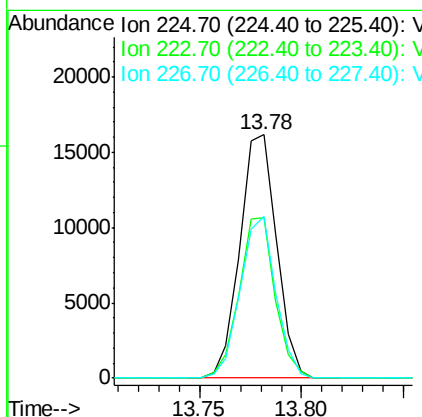
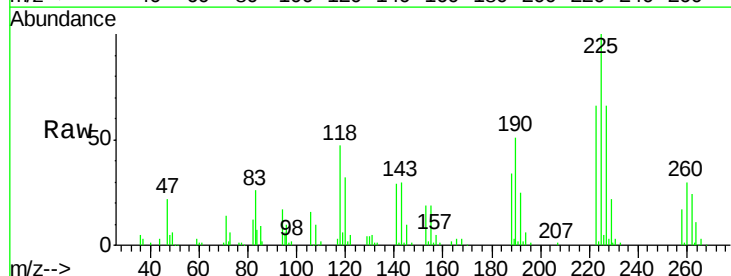
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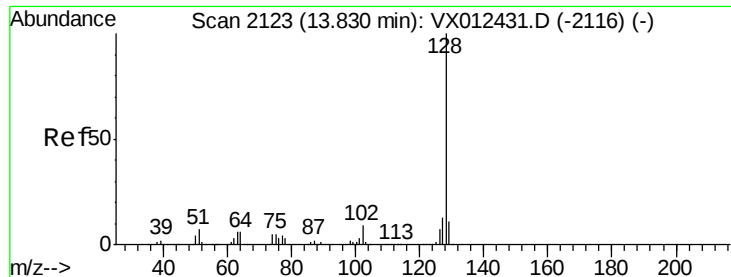
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 9/26/2019 9:33:39 AM



#94
 Hexachlorobutadiene
 Concen: 19.055 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012653.D
 Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20287		
223	64.5	32.0	96.2	
227	63.5	31.9	95.5	





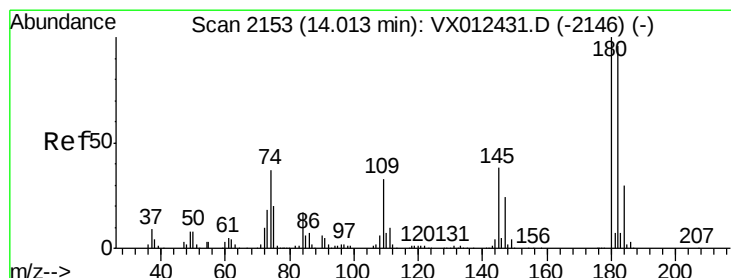
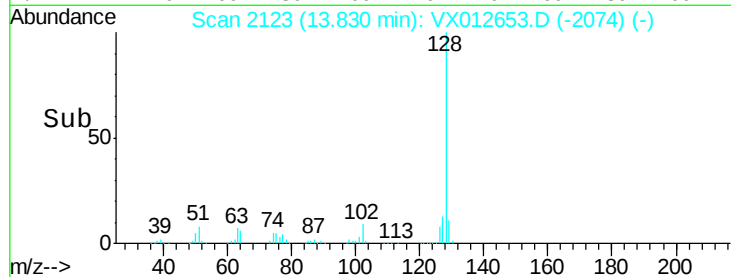
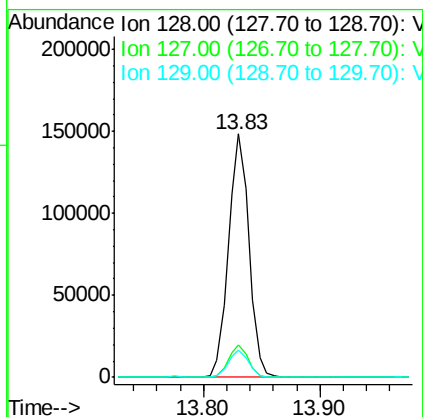
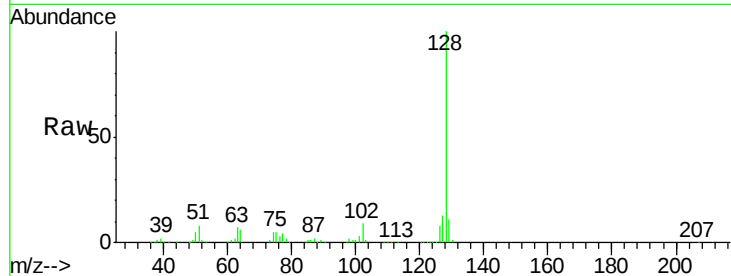
#95
Naphthalene
Concen: 20.212 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	180979		
127	12.9		10.2	15.4
129	11.0		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.038 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012653.D
Acq: 25 Sep 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47196		
182	97.7		47.1	141.3
145	37.3		18.0	54.0

