

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012513.D
 Acq On : 19 Sep 2019 07:20
 Operator : JC/SP
 Sample : K4858-07MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:25 PM

Quant Time: Sep 19 09:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	134522	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	99415	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	353433	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	142900	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	60328	48.397	ug/l	99
3) Chloromethane	1.32	50	51710	50.329	ug/l	99
4) Vinyl Chloride	1.40	62	57055	51.379	ug/l	96
5) Bromomethane	1.62	94	16509	37.841	ug/l	97
6) Chloroethane	1.71	64	39391	45.330	ug/l	94
7) Trichlorofluoromethane	1.92	101	105551	51.851	ug/l	100
8) Diethyl Ether	2.18	74	47105	51.231	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74026	50.260	ug/l	100
10) Methyl Iodide	2.50	142	49197	39.908	ug/l	97
11) Tert butyl alcohol	3.03	59	161995	238.221	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61973	52.745	ug/l	97
13) Acrolein	2.28	56	56793	241.417	ug/l	98
14) Allyl chloride	2.72	41	134332	49.108	ug/l	100
15) Acrylonitrile	3.13	53	300506	258.908	ug/l	99
16) Acetone	2.43	43	277728	226.173	ug/l	100
17) Carbon Disulfide	2.56	76	73224	44.281	ug/l	99
18) Methyl Acetate	2.76	43	140497	50.339	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339703	53.027	ug/l	100
20) Methylene Chloride	2.85	84	83236	51.349	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	64388	52.772	ug/l	97
22) Diisopropyl ether	3.84	45	337052	52.624	ug/l	99
23) Vinyl Acetate	3.80	43	1402571	266.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162295	52.960	ug/l	98
25) 2-Butanone	4.65	43	436296	234.829	ug/l	99
26) 2,2-Dichloropropane	4.57	77	93389	30.986	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	96921	53.176	ug/l	91
28) Bromochloromethane	5.00	49	77381	48.979	ug/l	99
29) Tetrahydrofuran	5.11	42	263478	256.703	ug/l	99
30) Chloroform	5.20	83	178476	50.711	ug/l	99
31) Cyclohexane	5.57	56	94058	50.845	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	148138	50.360	ug/l	99
36) 1,1-Dichloropropene	5.79	75	96385	49.111	ug/l	97
37) Ethyl Acetate	4.82	43	157464	52.269	ug/l	99
38) Carbon Tetrachloride	5.78	117	120739	49.465	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95767	50.195	ug/l	96
40) Benzene	6.13	78	319285	51.160	ug/l	97
41) Methacrylonitrile	5.03	41	93979	48.448	ug/l	98
42) 1,2-Dichloroethane	6.18	62	145547	50.282	ug/l	100
43) Isopropyl Acetate	6.43	43	268636	49.683	ug/l	99
44) Trichloroethene	7.21	130	631259	384.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	97099	50.641	ug/l	95
46) Dibromomethane	7.65	93	62827	50.635	ug/l	99
47) Bromodichloromethane	7.89	83	141719	51.297	ug/l	98
48) Methyl methacrylate	7.76	41	128709	50.498	ug/l	99
49) 1,4-Dioxane	7.73	88	59304	956.000	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	880708	248.376	ug/l	99
52) Toluene	8.78	92	207303	51.549	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138286	48.153	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	142733	48.008	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105847	51.088	ug/l	98
56) Ethyl methacrylate	9.17	69	167398	51.677	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171036	51.741	ug/l	99
59) 2-Hexanone	9.49	43	664169	240.087	ug/l	98
60) Dibromochloromethane	9.58	129	112823	53.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100310	53.012	ug/l	100
64) Tetrachloroethene	9.33	164	72437	54.776	ug/l	93
65) Chlorobenzene	10.14	112	242558	50.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	103812	52.514	ug/l	100
67) Ethyl Benzene	10.25	91	418091	51.090	ug/l	100
68) m/p-Xylenes	10.35	106	304746	102.348	ug/l	100
69) o-Xylene	10.70	106	159225	51.998	ug/l	100
70) Stvrene	10.71	104	285517	52.699	ug/l	99
71) Bromoform	10.85	173	76462	45.214	ug/l	97
73) Isopropylbenzene	11.01	105	442973	51.397	ug/l	99
74) N-amyl acetate	10.89	43	239906	51.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174651	51.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	162700m	51.564	ug/l	
77) Bromobenzene	11.25	156	110693	52.663	ug/l	99
78) n-propylbenzene	11.35	91	487784	50.780	ug/l	100
79) 2-Chlorotoluene	11.42	91	311341	49.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377330	51.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44532	39.443	ug/l	95
82) 4-Chlorotoluene	11.51	91	361589	50.416	ug/l	100
83) tert-Butylbenzene	11.77	119	394097	50.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	383613	50.830	ug/l	99
85) sec-Butylbenzene	11.94	105	432537	49.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	397183	49.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200652	50.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201508	49.614	ug/l	99
89) n-Butylbenzene	12.38	91	330137	46.428	ug/l	98
90) Hexachloroethane	12.59	117	74119	50.722	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	211553	51.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44182	50.407	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	131032	49.226	ug/l	100

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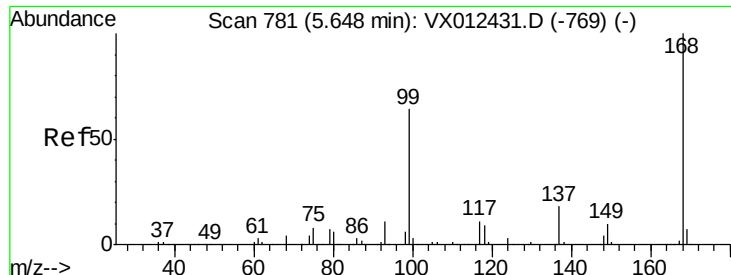
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	54973	43.818	ug/l	99
95) Naphthalene	13.83	128	485030	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136234	50.225	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion:168 Resp: 186885

Ion Ratio Lower Upper

168 100

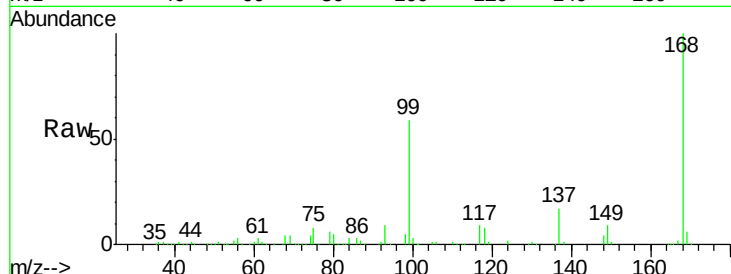
99 58.6 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

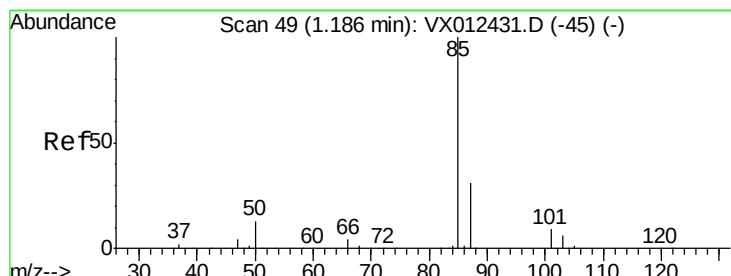
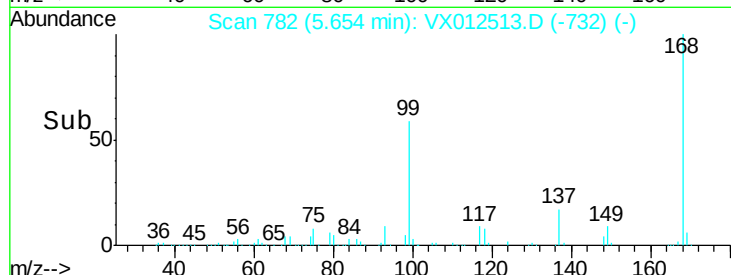
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.397 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012513.D

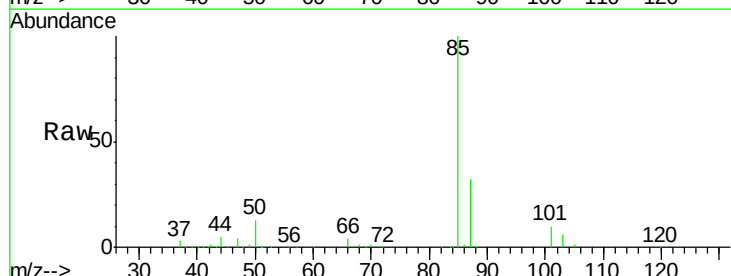
Acq: 19 Sep 2019 07:20

Tgt Ion: 85 Resp: 60328

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

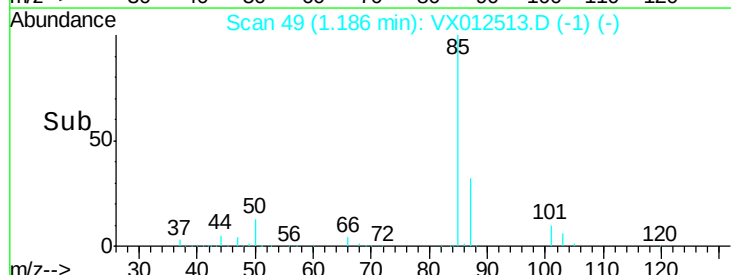
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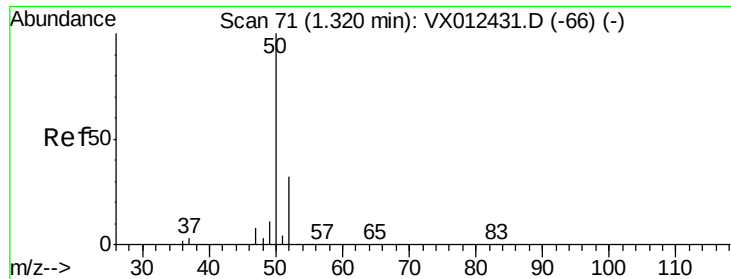
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.329 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 50 Resp: 51710

Ion Ratio Lower Upper

50 100

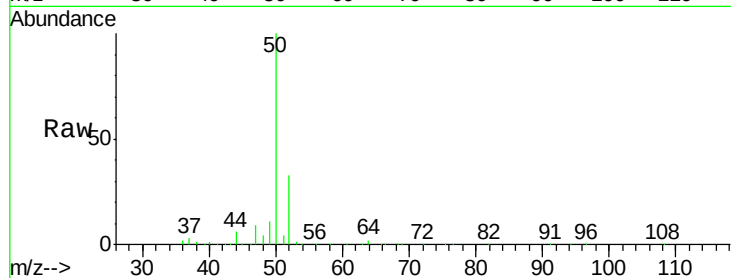
52 32.8 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

50000

40000

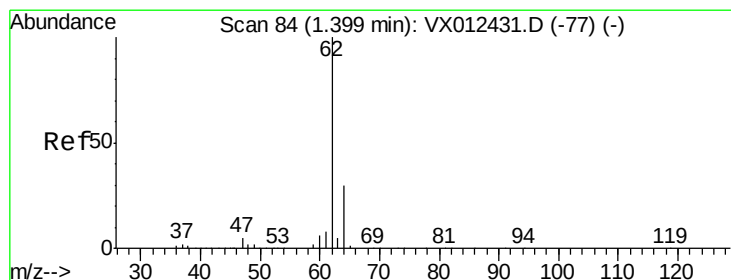
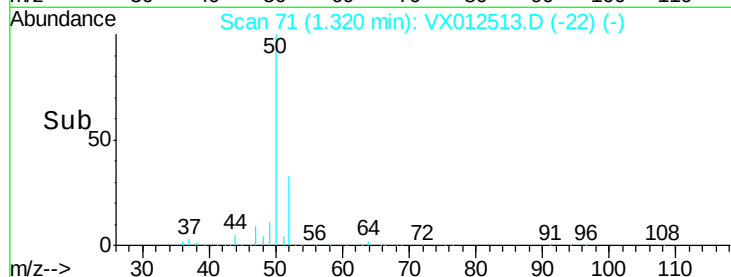
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 51.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012513.D

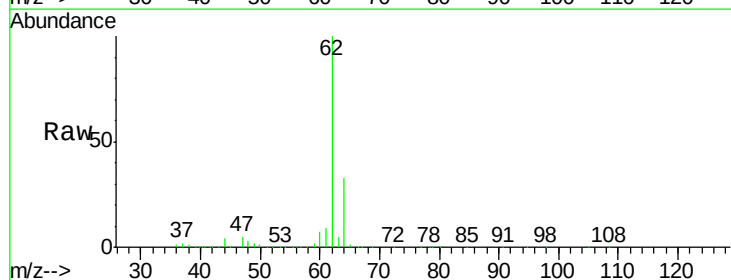
Acq: 19 Sep 2019 07:20

Tgt Ion: 62 Resp: 57055

Ion Ratio Lower Upper

62 100

64 32.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

60000

50000

40000

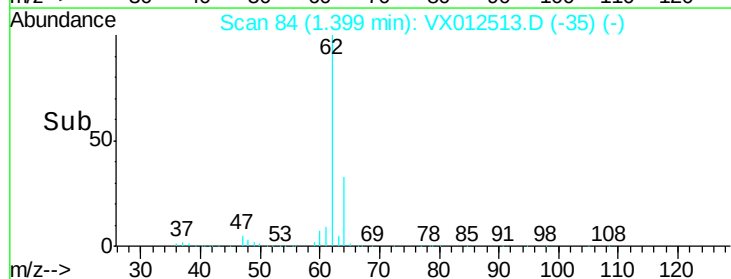
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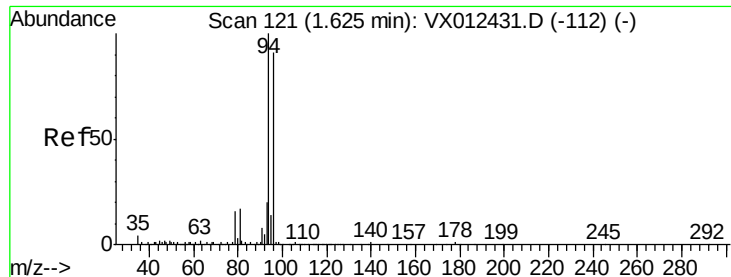
20000

10000

0

Time-->





#5

Bromomethane

Concen: 37.841 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 94 Resp: 16509

Ion Ratio Lower Upper

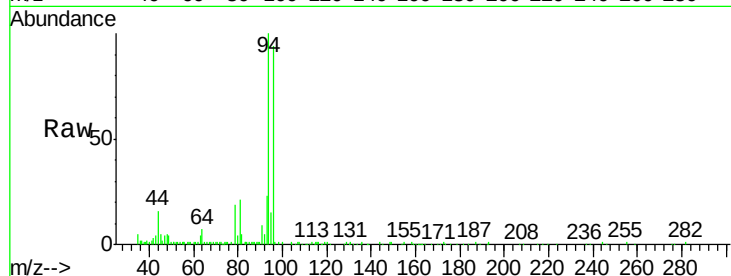
94 100

96 93.9 72.8 109.2

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

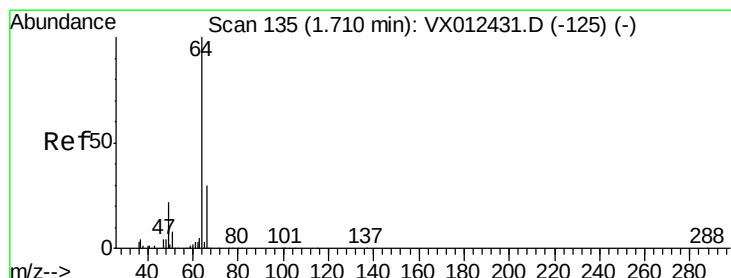
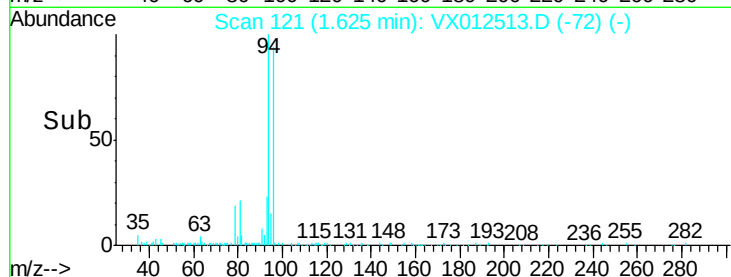
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 45.330 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012513.D

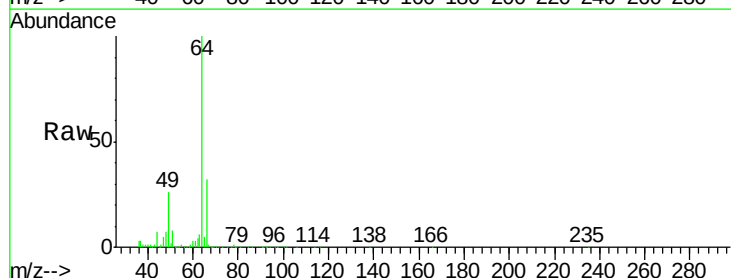
Acq: 19 Sep 2019 07:20

Tgt Ion: 64 Resp: 39391

Ion Ratio Lower Upper

64 100

66 33.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

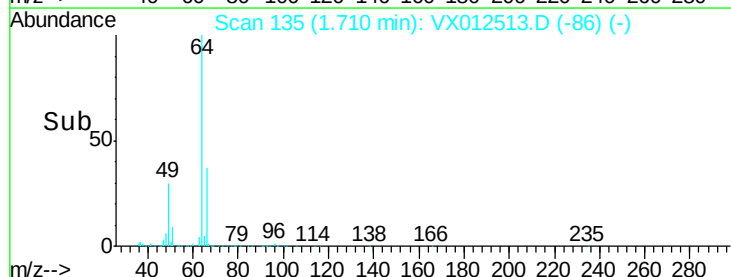
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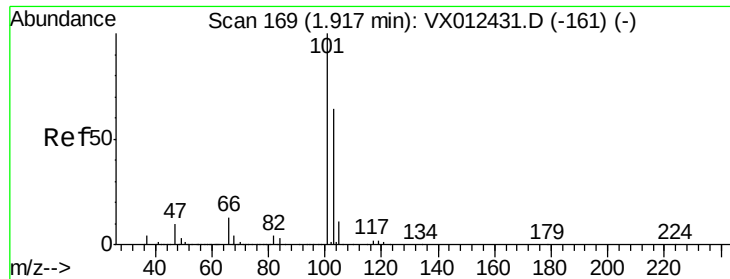
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Time-->





#7

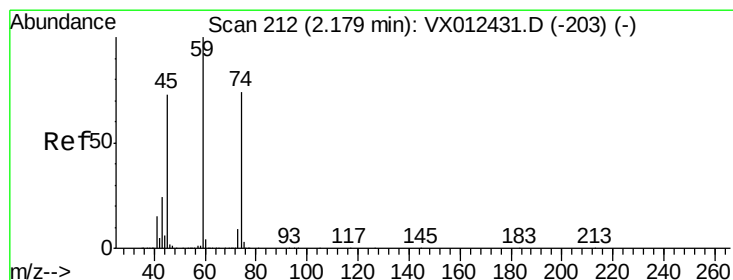
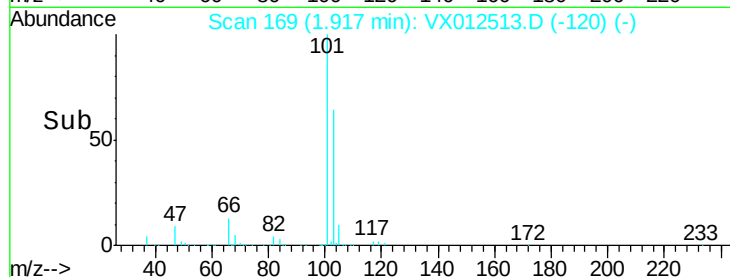
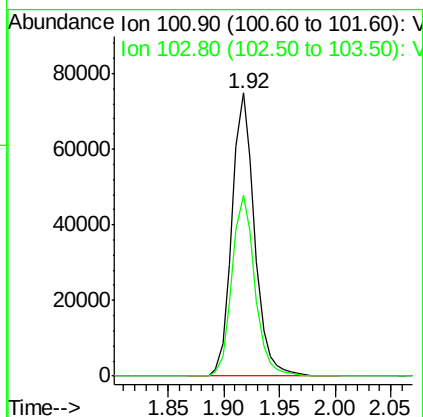
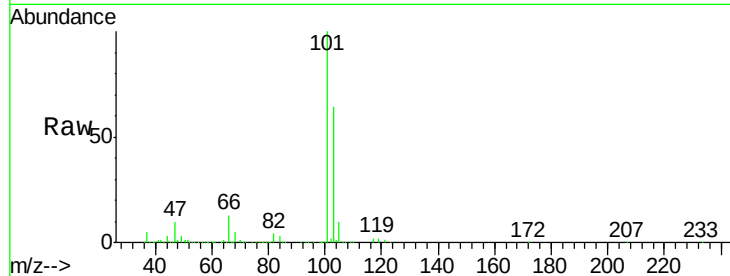
Trichlorofluoromethane
Concen: 51.851 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	105551		
103	64.1	51.0	76.4	

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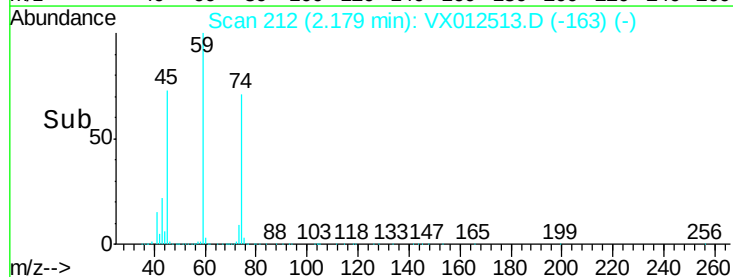
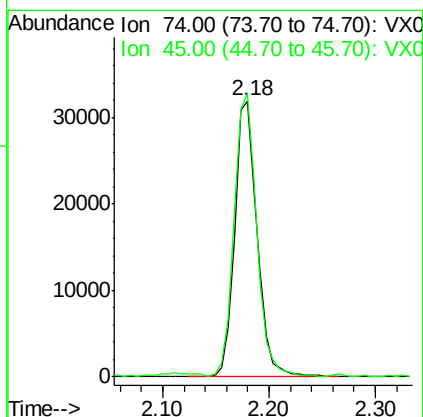
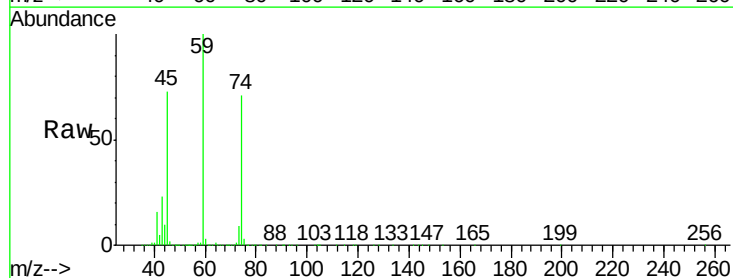
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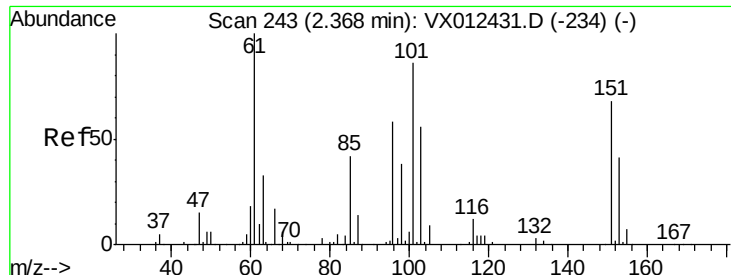


#8

Diethyl Ether
Concen: 51.231 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47105		
45	103.2	49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.260 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

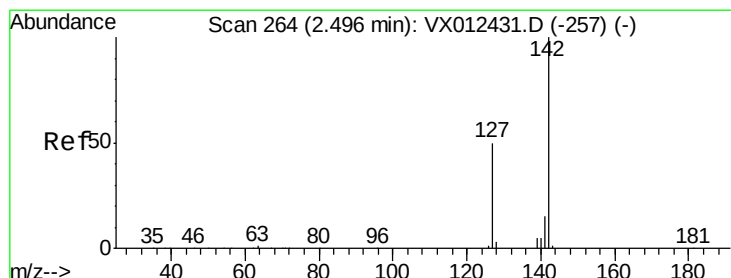
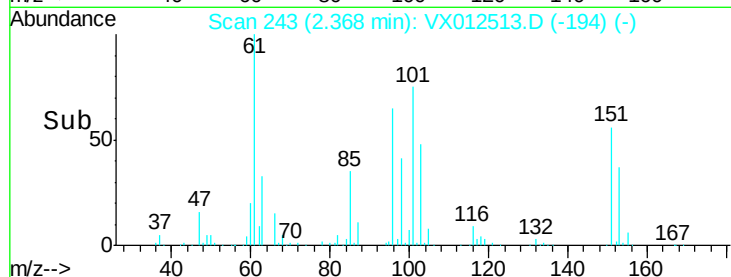
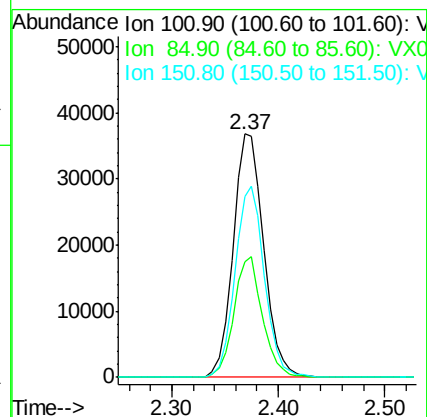
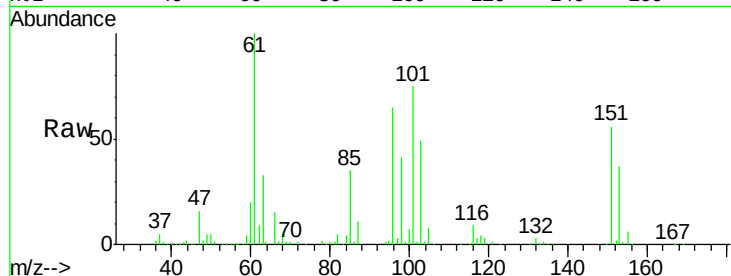
ClientSampleId :

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Tot Ion:	101	Resp:	74026
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.3	55.9
151	76.0	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 39.908 ug/l

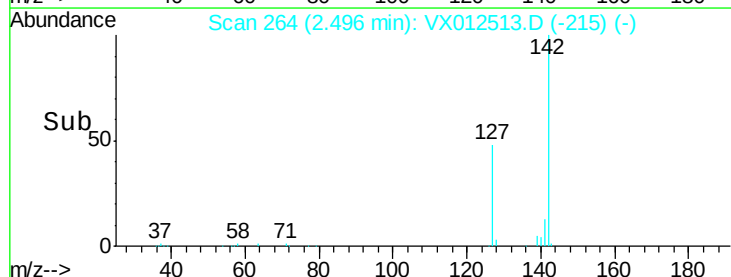
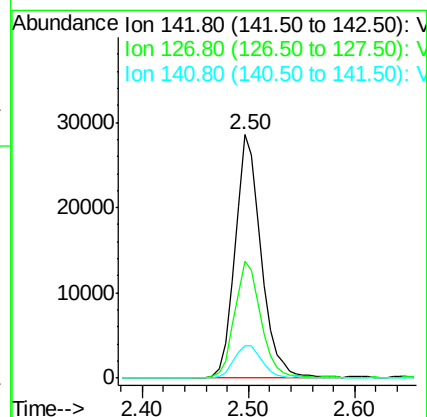
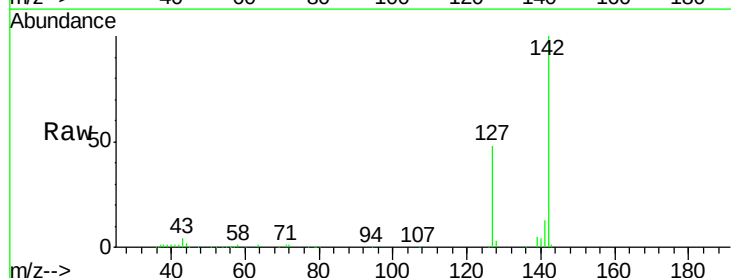
RT: 2.50 min Scan# 264

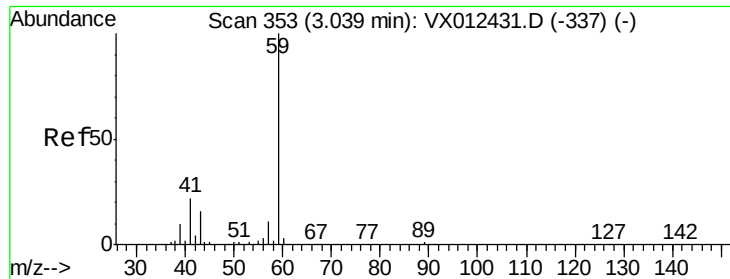
Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	142	Resp:	49197
Ion Ratio	Lower	Upper	
142	100		
127	48.4	40.8	61.2
141	14.7	12.1	18.1





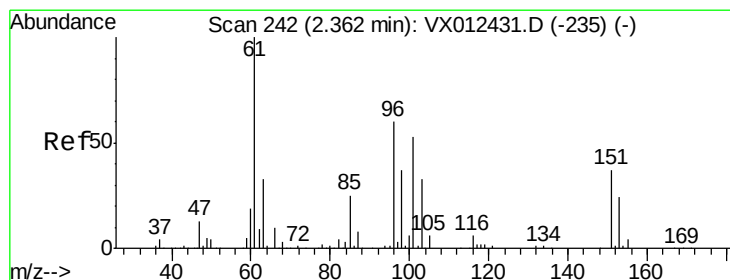
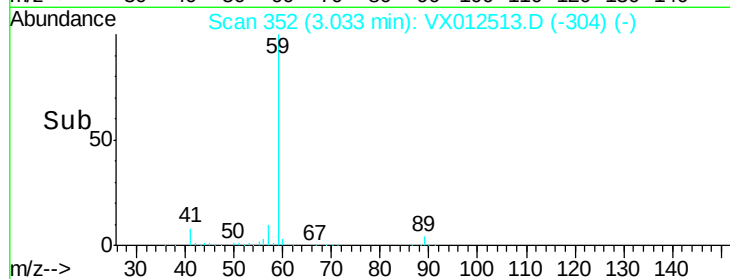
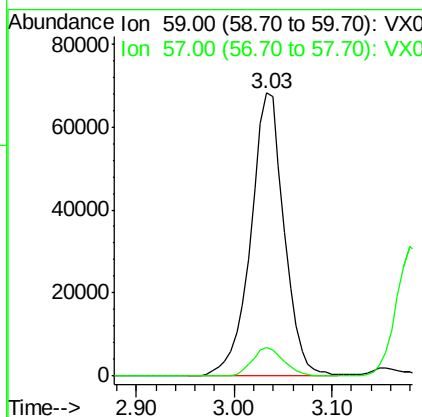
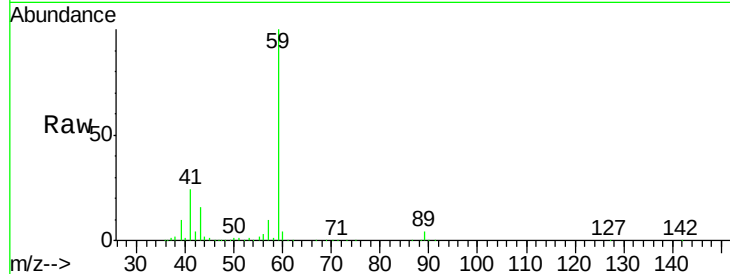
#11
Tert butyl alcohol
Concen: 238.221 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	161995		
57	9.9		8.3	12.5

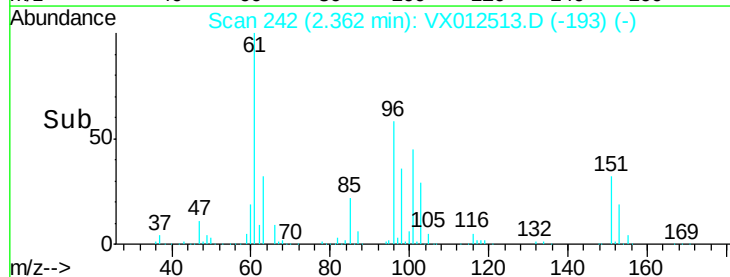
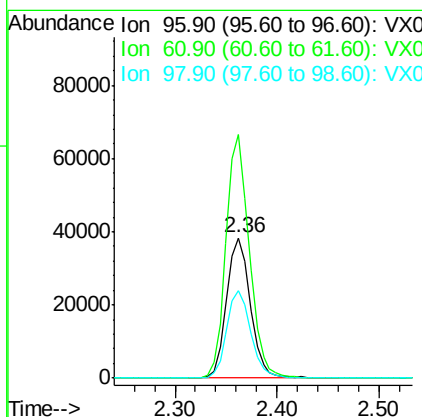
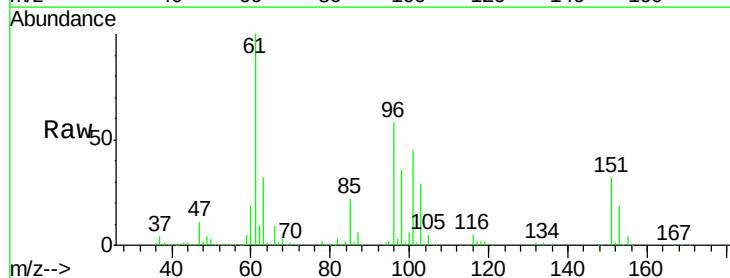
Manual Integrations
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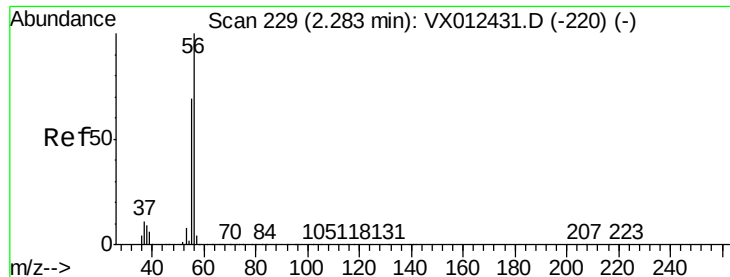
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.745 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	61973		
61	173.3		133.8	200.6
98	61.9		49.9	74.9





#13

Acrolein

Concen: 241.417 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 56 Resp: 56793

Ion Ratio Lower Upper

56 100

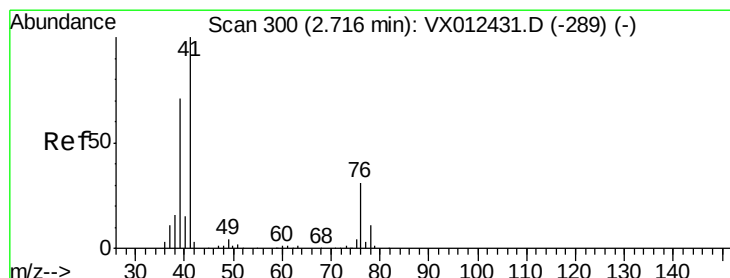
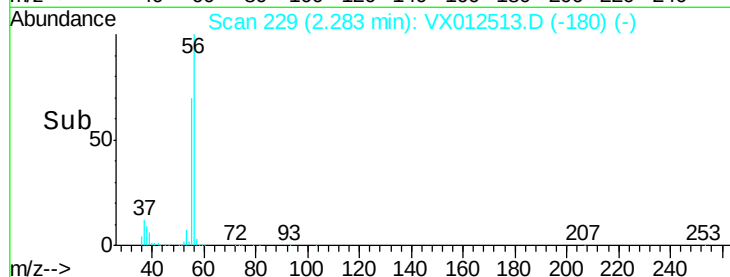
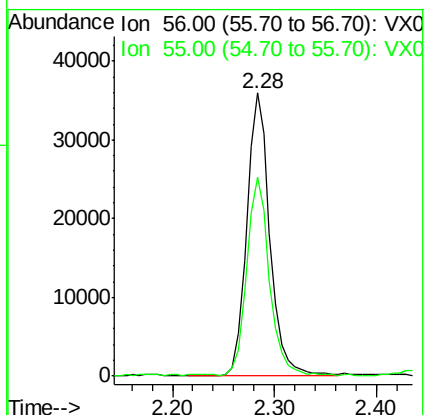
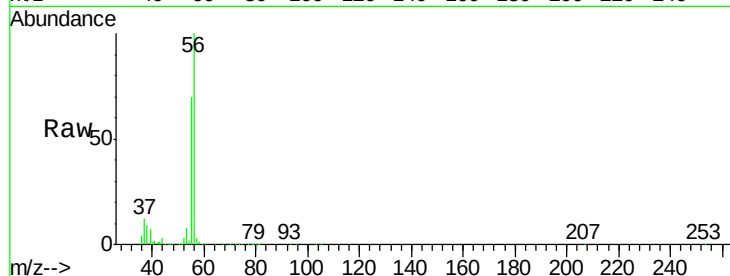
55 68.1 55.8 83.8

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#14

Allyl chloride

Concen: 49.108 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

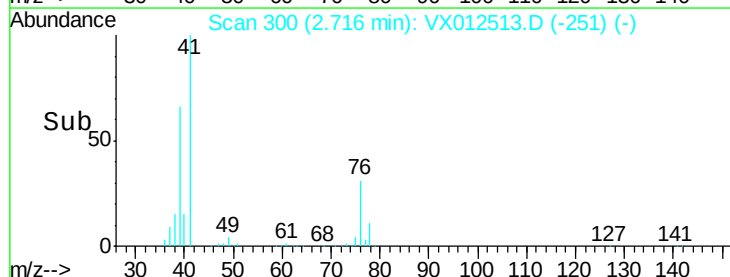
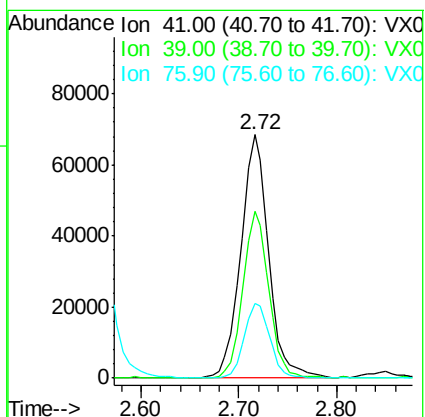
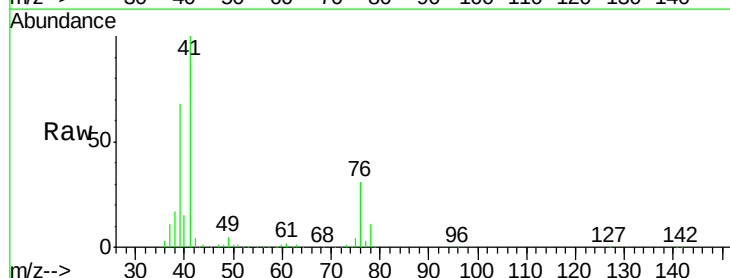
Tgt Ion: 41 Resp: 134332

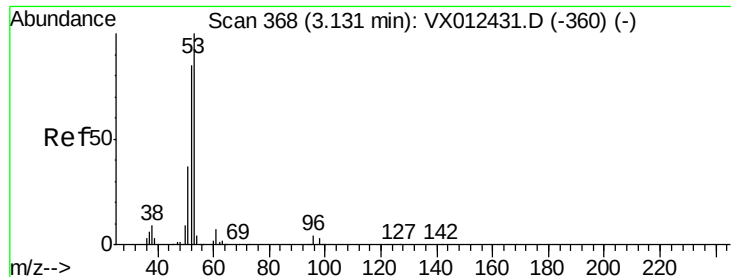
Ion Ratio Lower Upper

41 100

39 64.4 51.3 76.9

76 28.2 22.6 33.8





#15

Acrylonitrile

Concen: 258.908 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

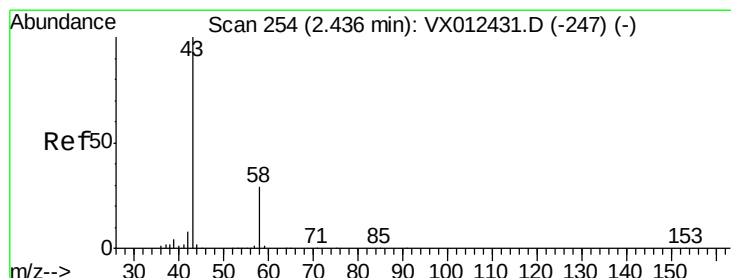
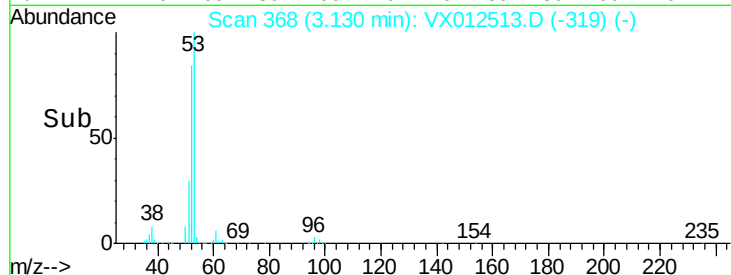
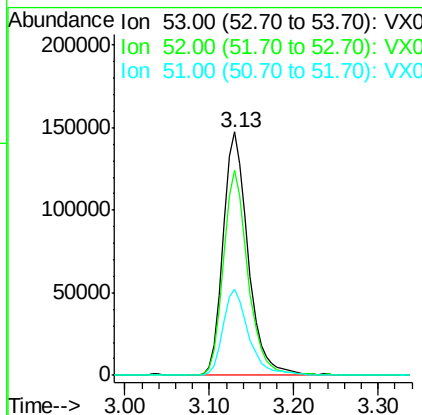
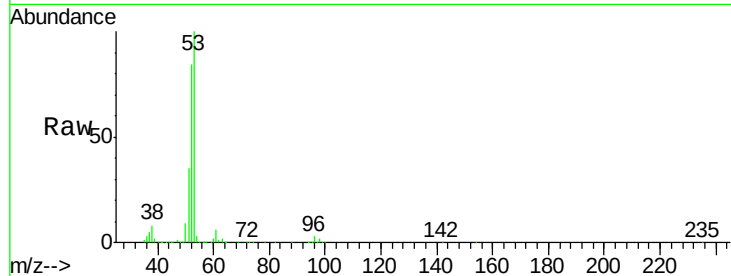
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	53	Resp:	300506
Ion Ratio	Lower	Upper	
53	100		
52	82.5	67.0	100.4
51	36.2	29.6	44.4

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#16

Acetone

Concen: 226.173 ug/l

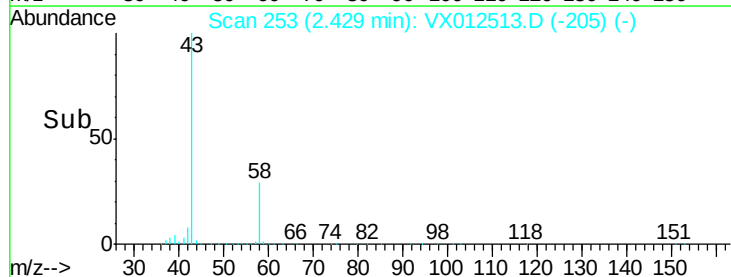
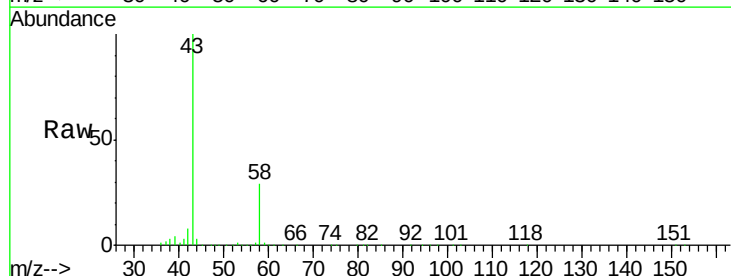
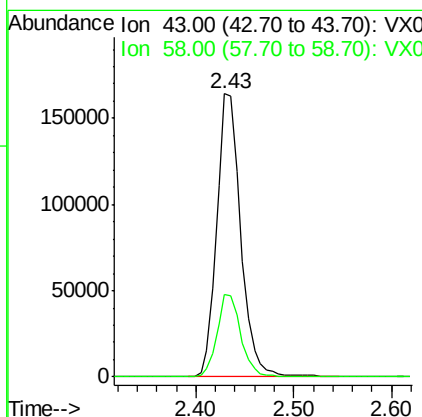
RT: 2.43 min Scan# 253

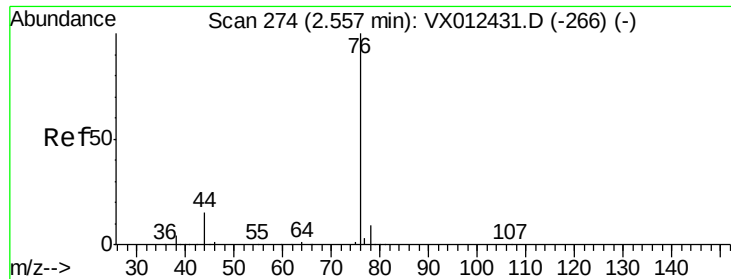
Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	43	Resp:	277728
Ion Ratio	Lower	Upper	
43	100		
58	29.0	23.3	34.9





#17

Carbon Disulfide

Concen: 44.281 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 76 Resp: 73224

Ion Ratio Lower Upper

76 100

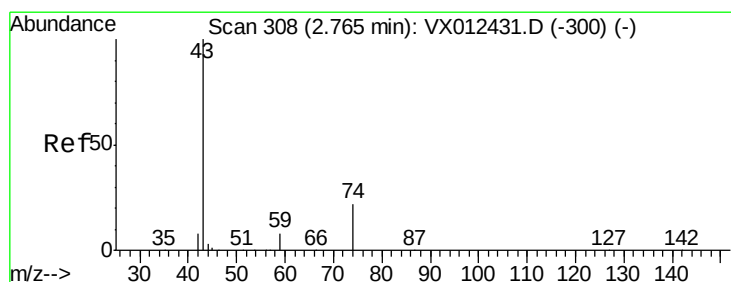
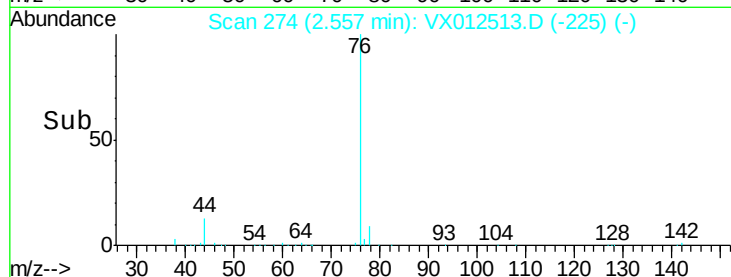
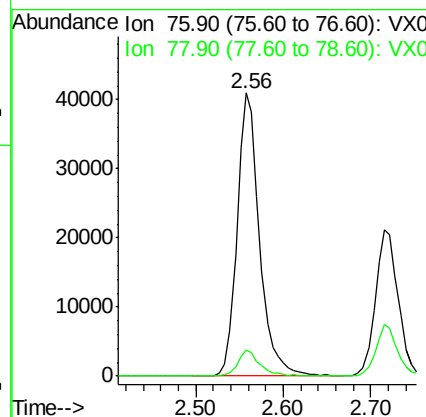
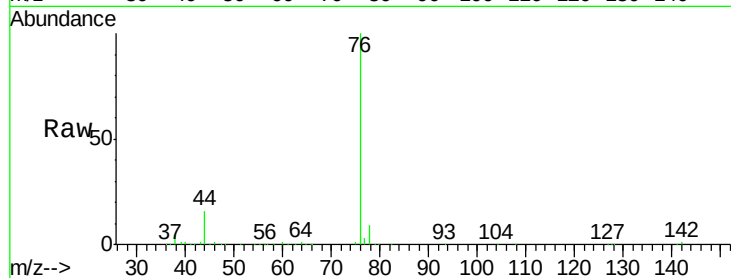
78 9.4 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 50.339 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012513.D

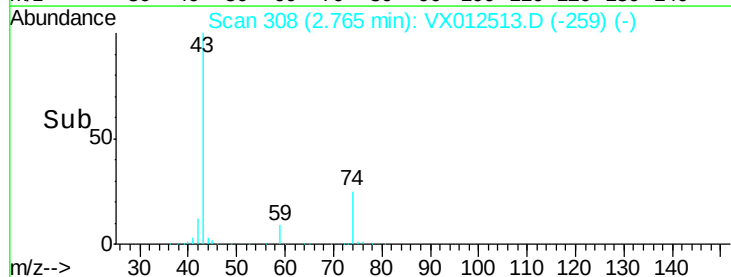
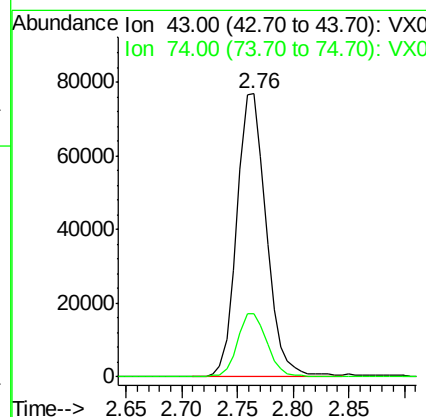
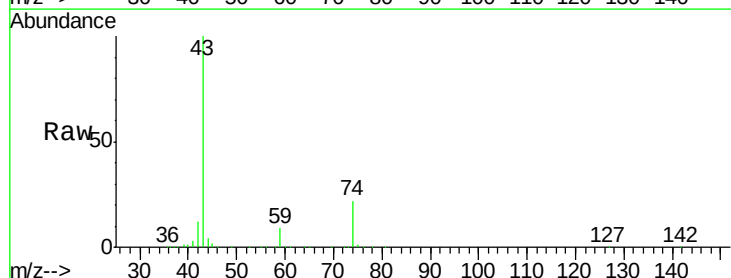
Acq: 19 Sep 2019 07:20

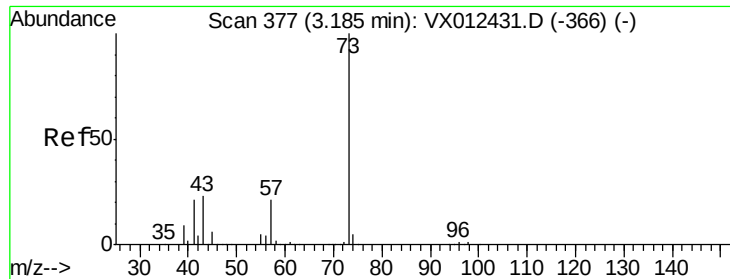
Tgt Ion: 43 Resp: 140497

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5





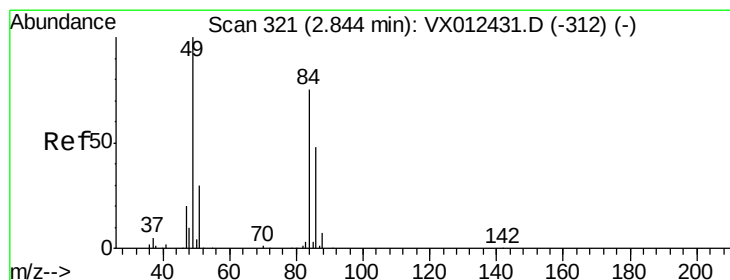
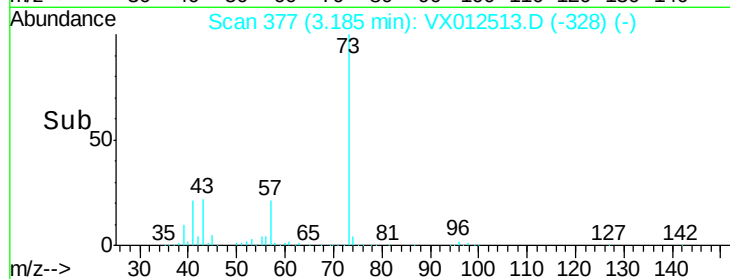
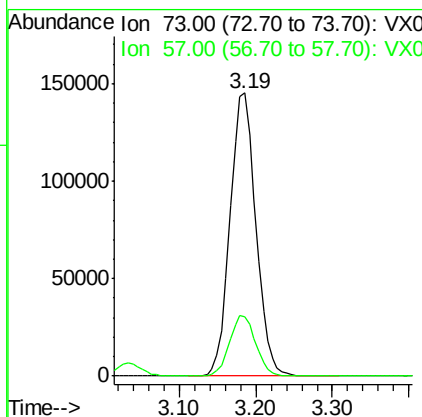
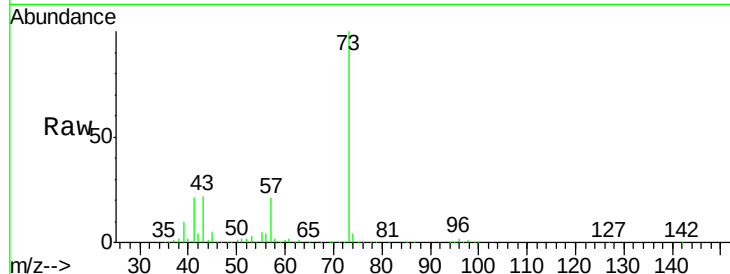
#19
Methvl tert-butyl Ether
Concen: 53.027 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion: 73 Resp: 339703
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

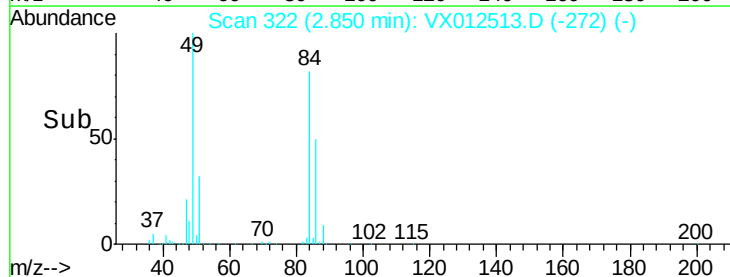
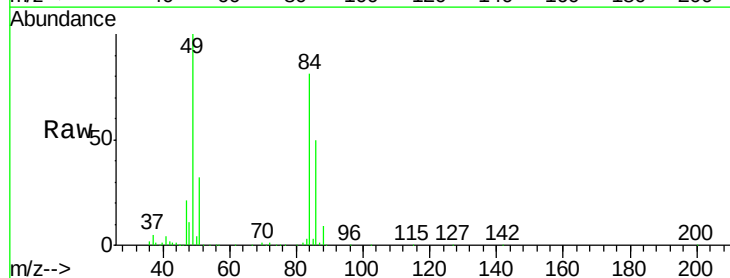
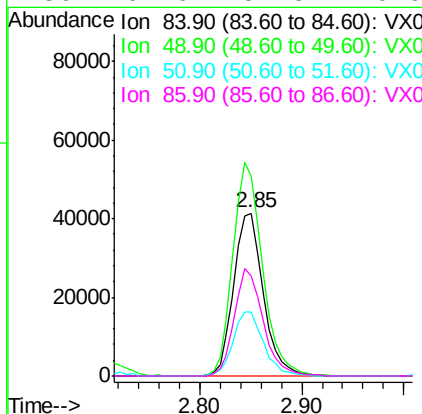
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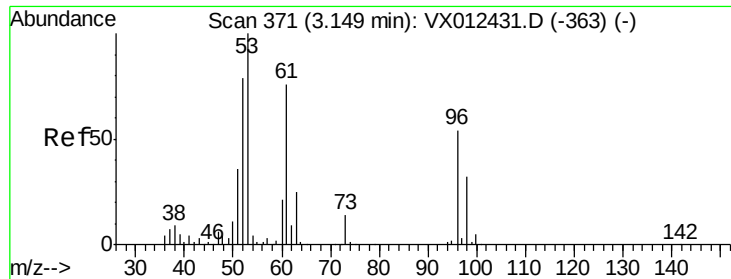
MMDadoda
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#20
Methylene Chloride
Concen: 51.349 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion: 84 Resp: 83236
Ion Ratio Lower Upper
84 100
49 122.8 106.8 160.2
51 39.0 32.3 48.5
86 61.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.772 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 96 Resp: 64388

Ion Ratio Lower Upper

96 100

61 134.6 112.0 168.0

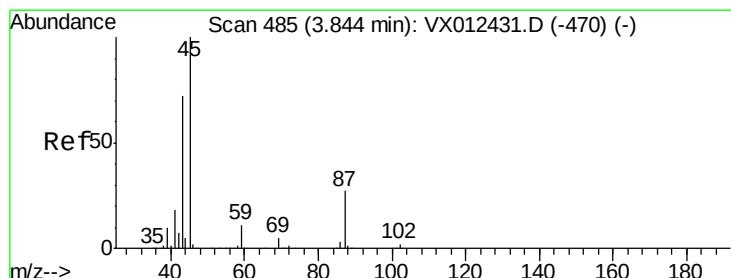
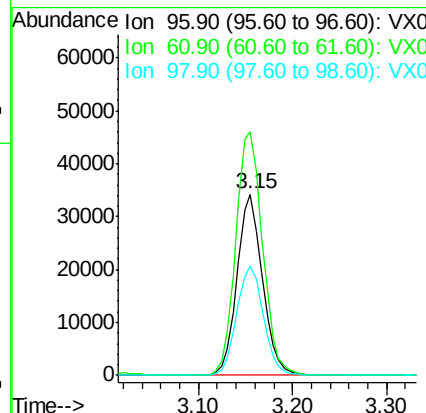
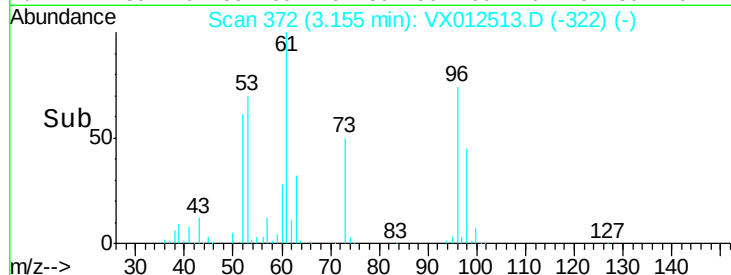
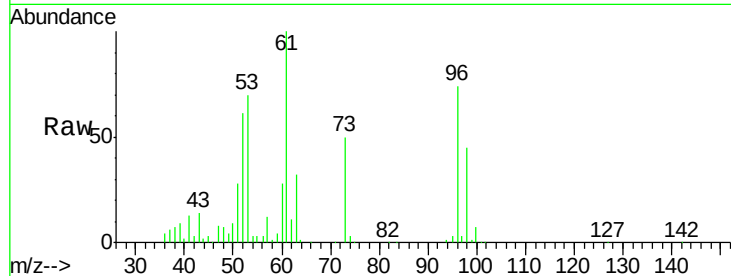
98 60.3 47.8 71.8

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#22

Diisopropyl ether

Concen: 52.624 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion: 45 Resp: 337052

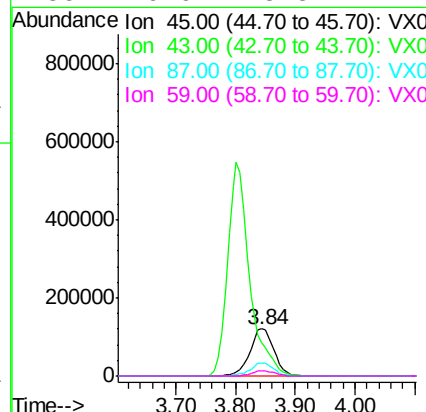
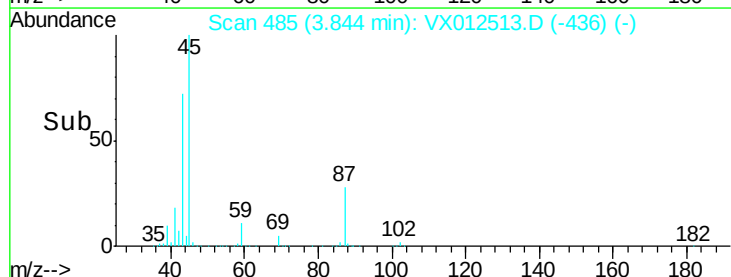
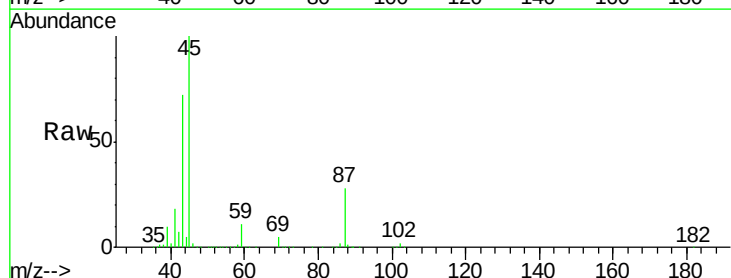
Ion Ratio Lower Upper

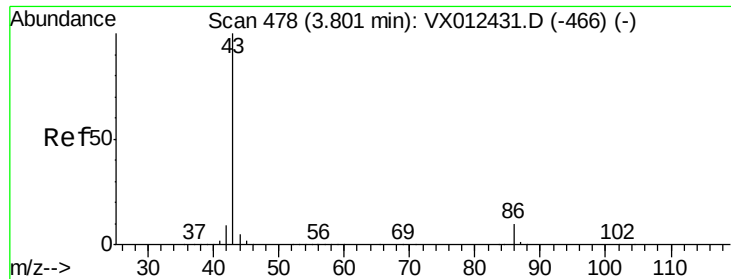
45 100

43 71.6 57.8 86.8

87 28.1 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 266.208 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 43 Resp: 1402571

Ion Ratio Lower Upper

43 100

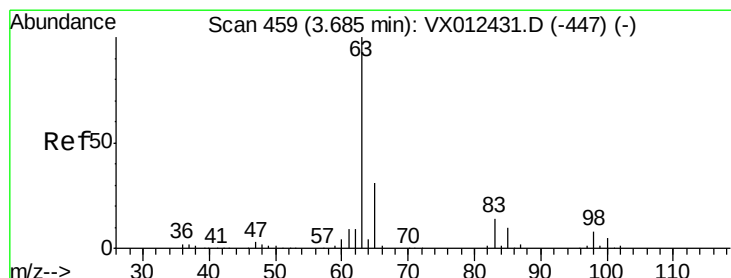
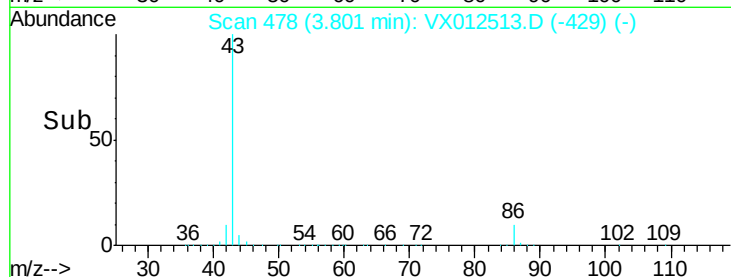
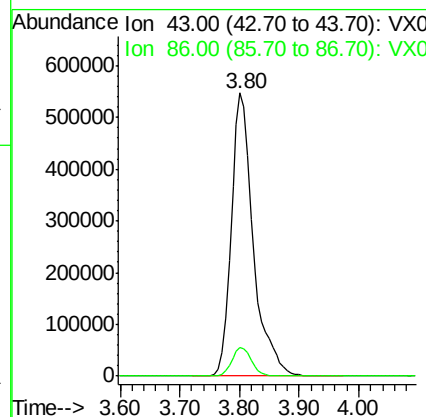
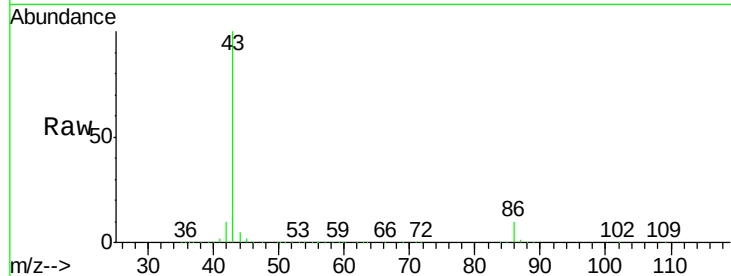
86 10.3 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 52.960 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

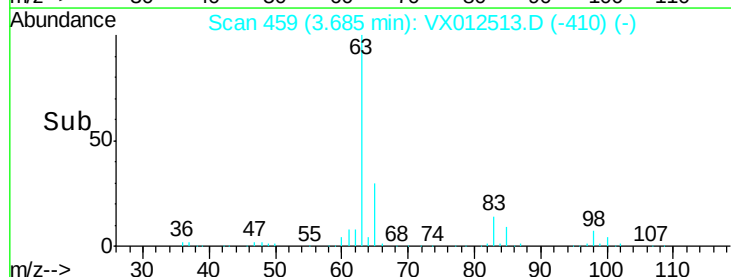
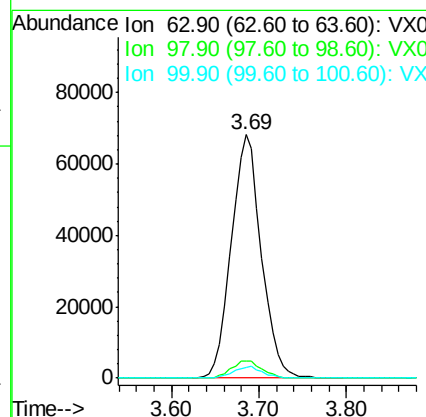
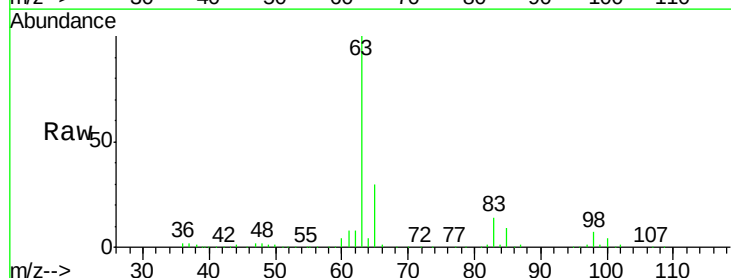
Tgt Ion: 63 Resp: 162295

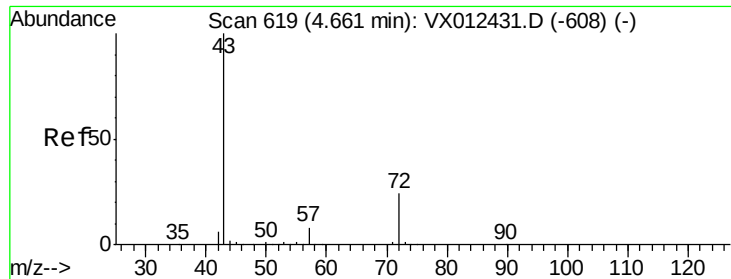
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 234.829 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 43 Resp: 436296

Ion Ratio Lower Upper

43 100

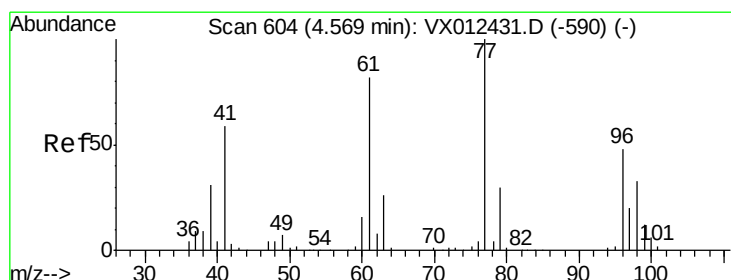
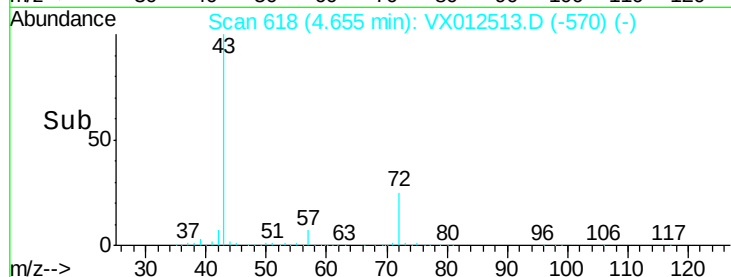
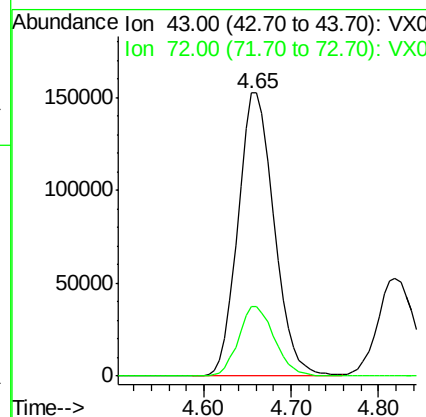
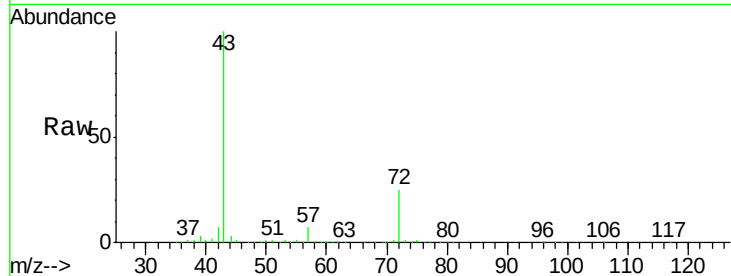
72 24.4 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 30.986 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012513.D

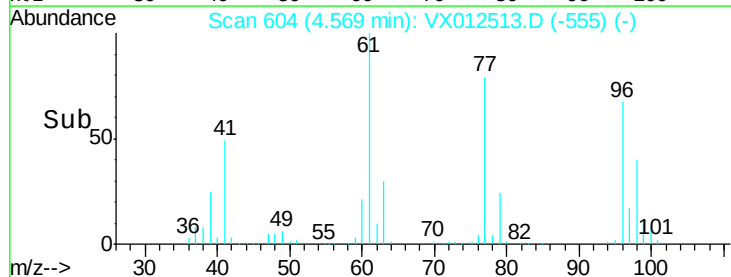
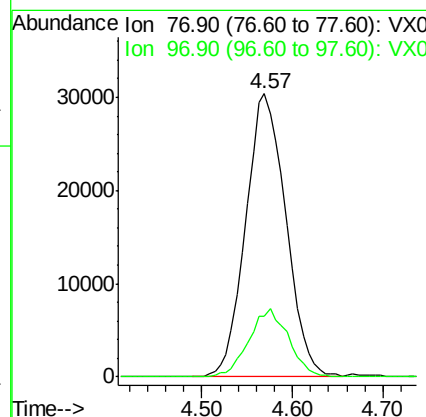
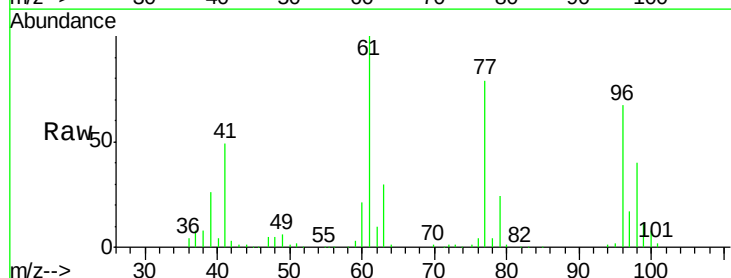
Acq: 19 Sep 2019 07:20

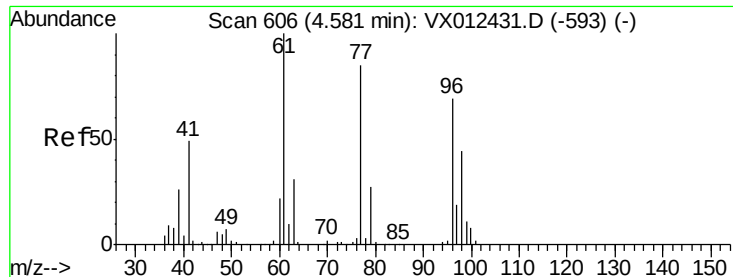
Tgt Ion: 77 Resp: 93389

Ion Ratio Lower Upper

77 100

97 23.6 10.5 31.6





#27

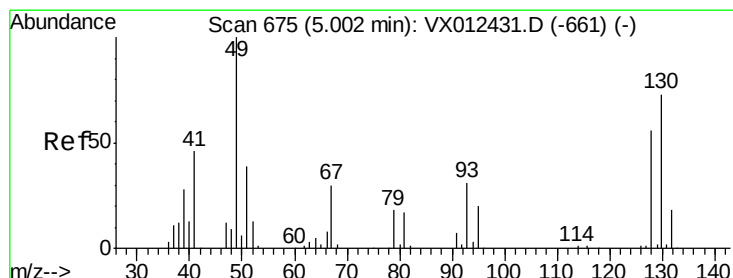
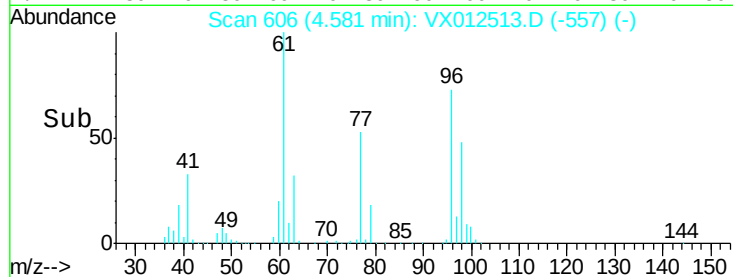
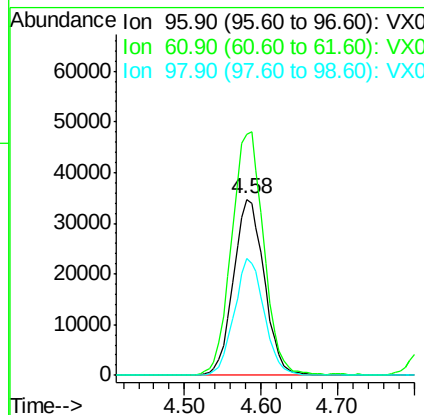
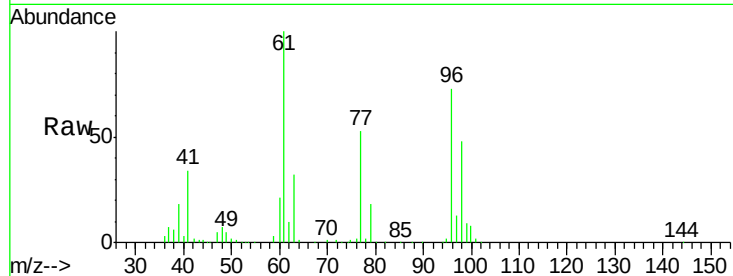
cis-1,2-Dichloroethene
Concen: 53.176 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	319.4
98	64.2	0.0	130.6

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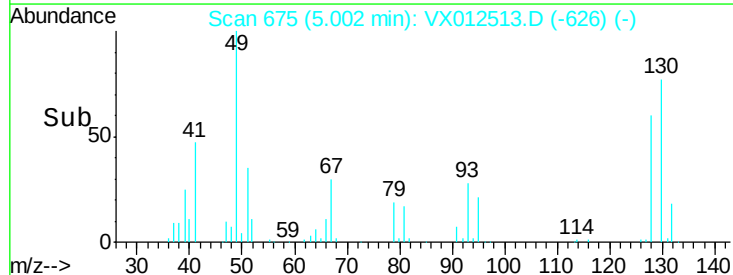
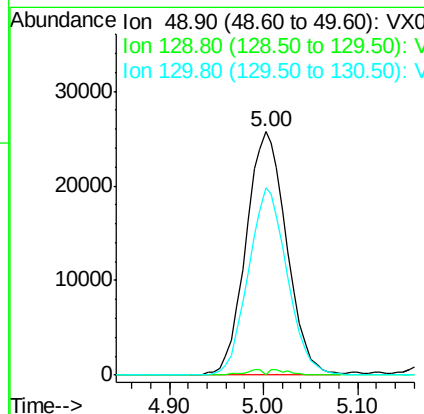
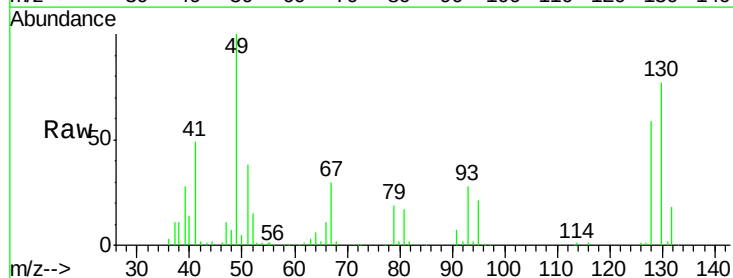
MMDadoda
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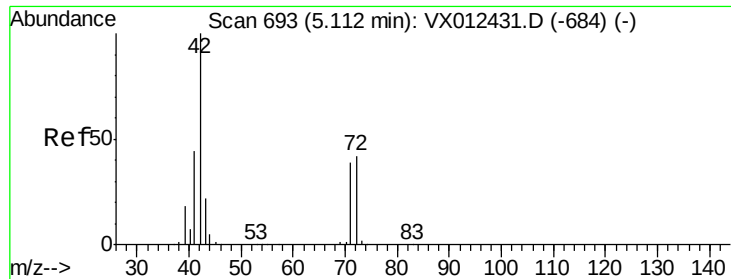


#28

Bromochloromethane
Concen: 48.979 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	74.0	58.2	87.4





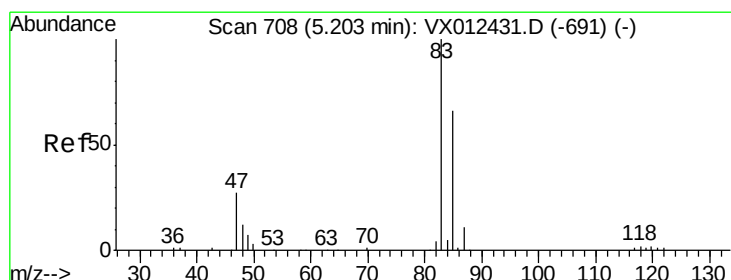
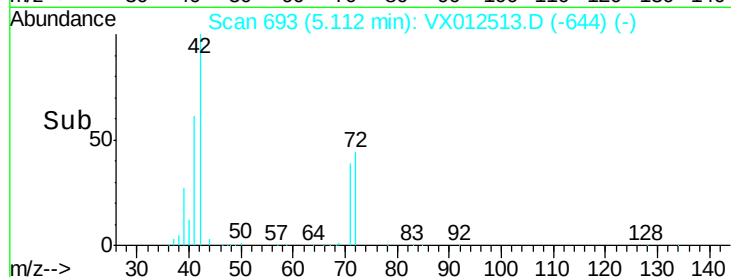
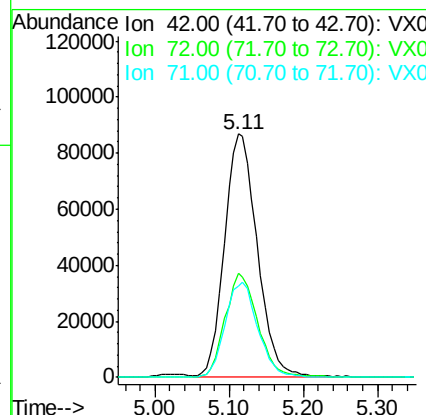
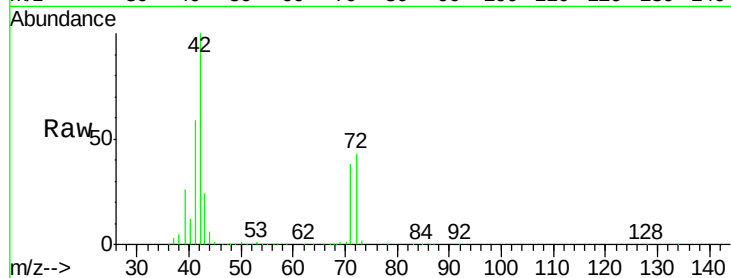
#29
Tetrahydrofuran
Concen: 256.703 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.0	51.0
71	39.9	31.5	47.3

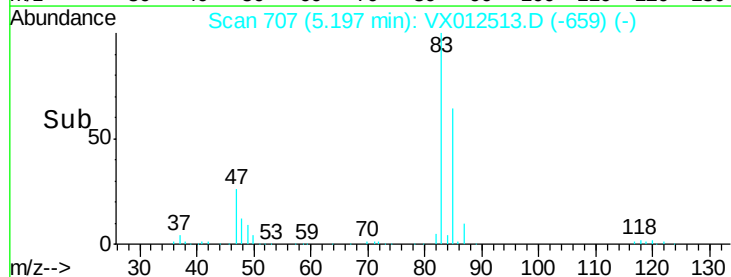
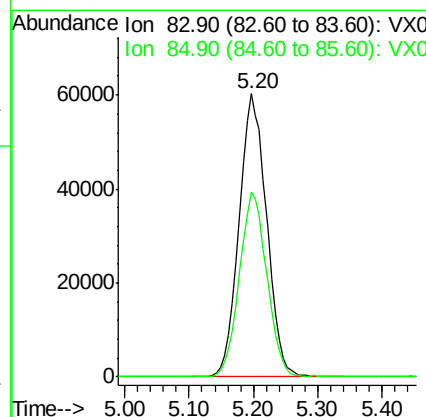
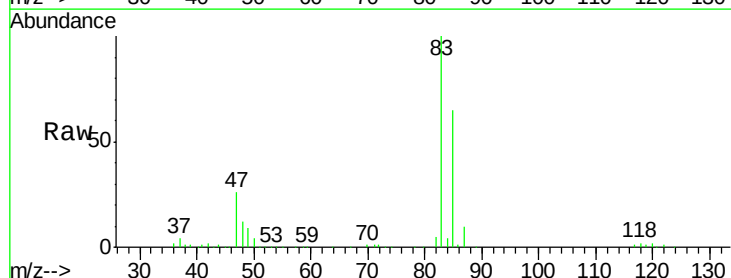
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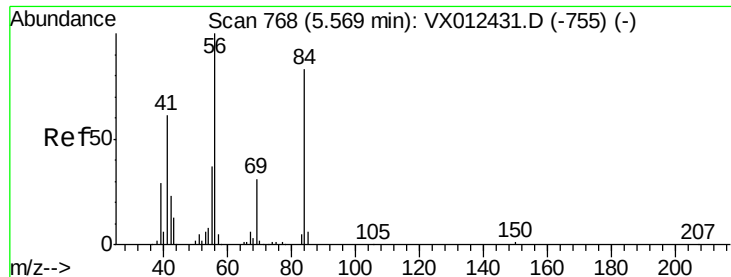
MMDadoda
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#30
Chloroform
Concen: 50.711 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.0	79.4





#31

Cyclohexane

Concen: 50.845 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

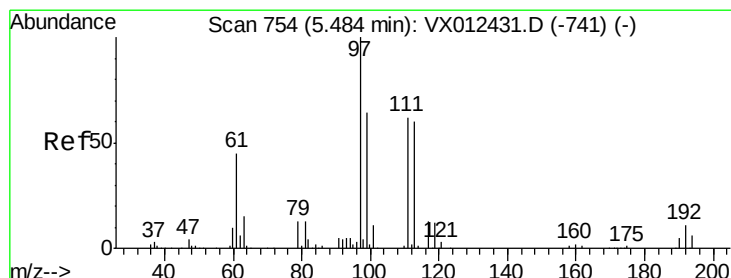
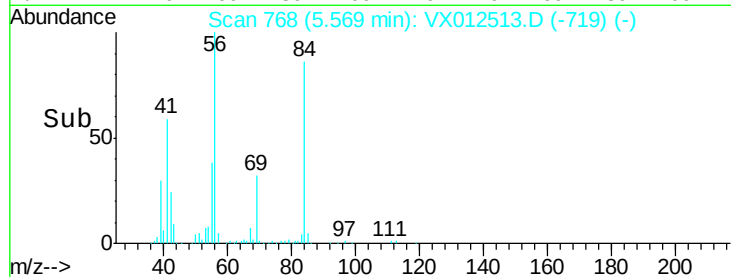
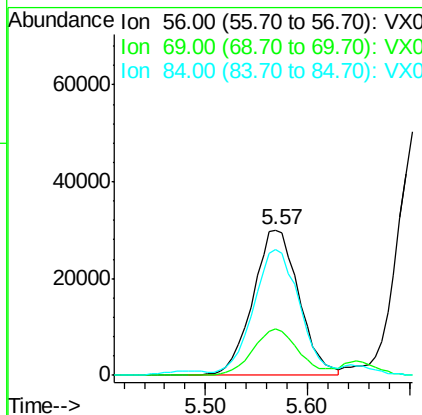
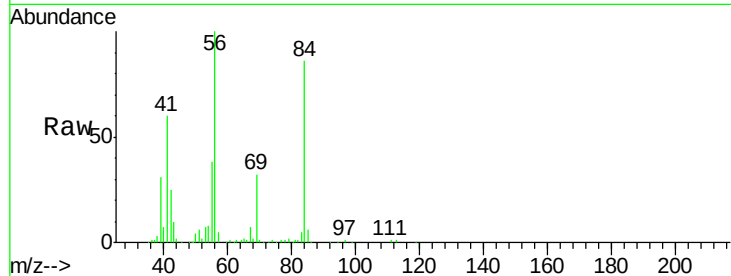
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	56	Resp:	94058
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.0	37.6
84	83.2	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 50.360 ug/l

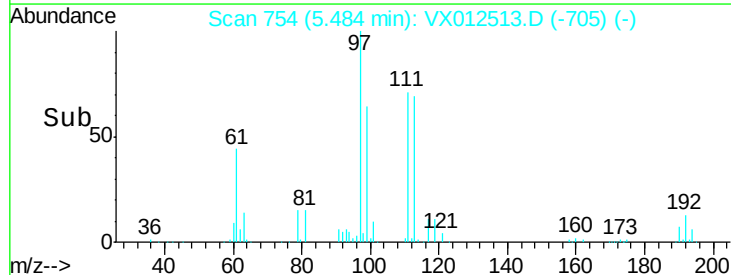
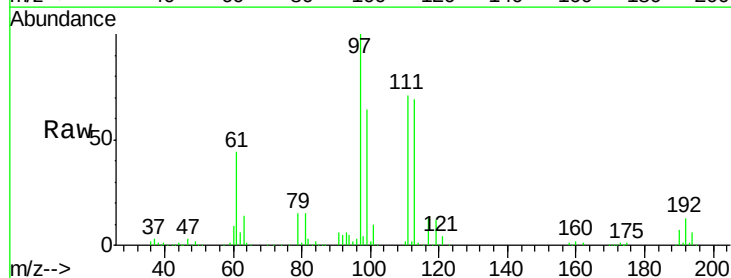
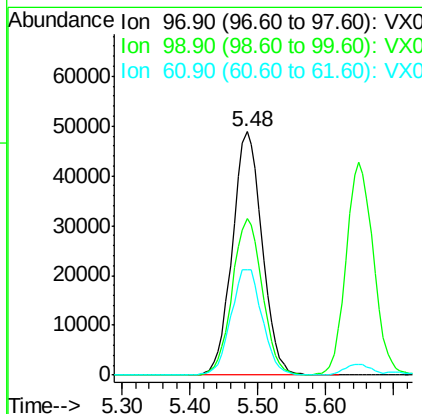
RT: 5.48 min Scan# 754

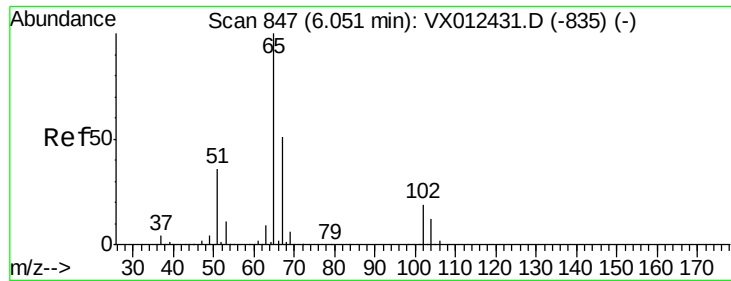
Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	97	Resp:	148138
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	45.8	36.1	54.1





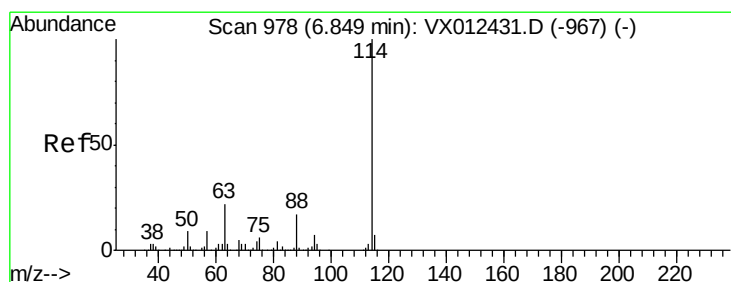
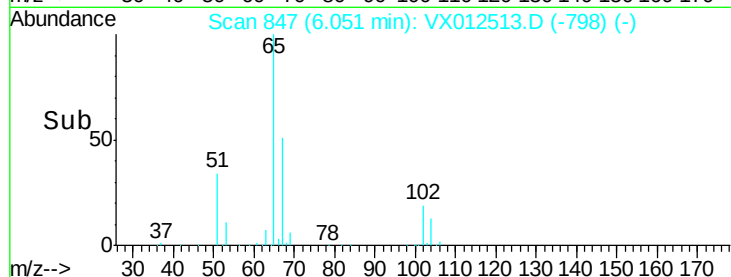
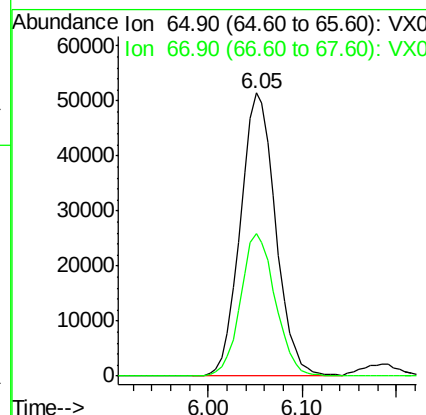
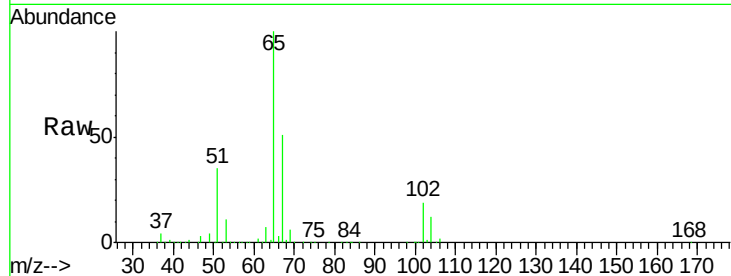
#33
 1,2-Dichloroethane-d4
 Concen: 50.224 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	101.2	

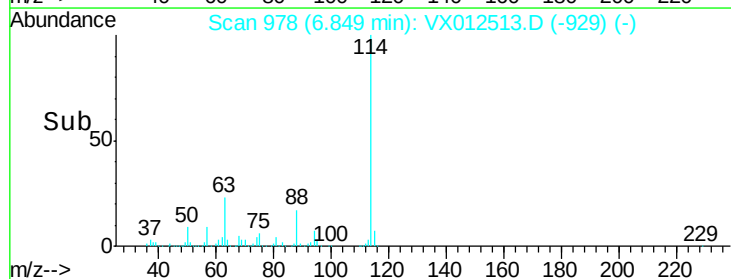
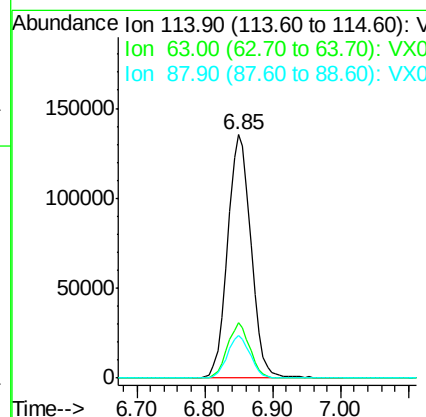
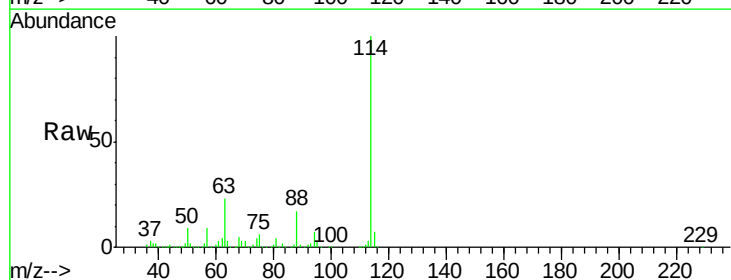
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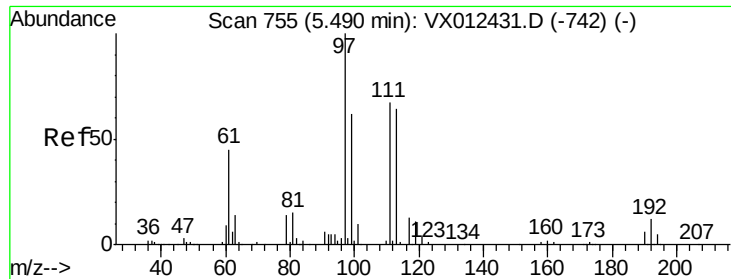
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.8	0.0	43.2	
88	17.3	0.0	33.2	





#35

Dibromofluoromethane

Concen: 50.864 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

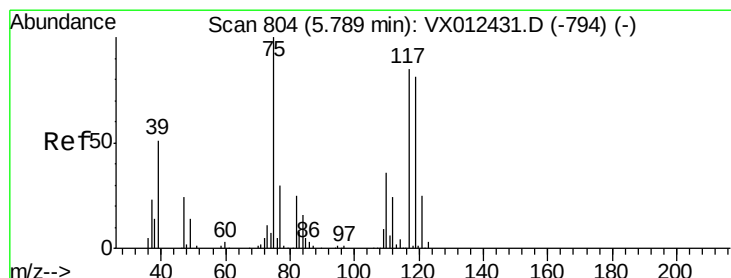
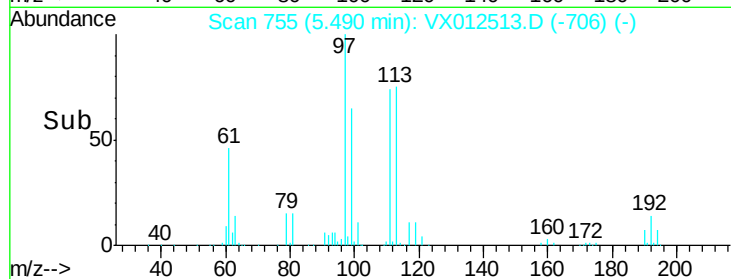
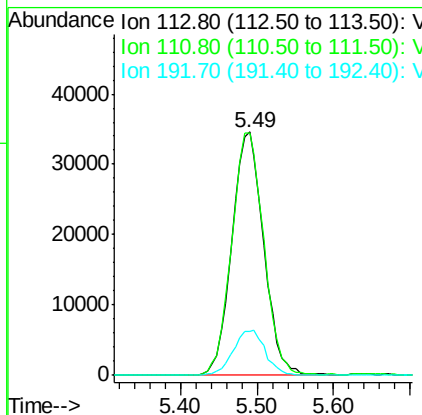
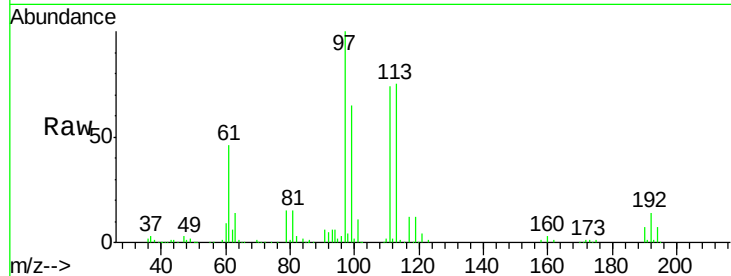
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	113	Resp:	99415
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.4	125.2
192	18.7	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 49.111 ug/l

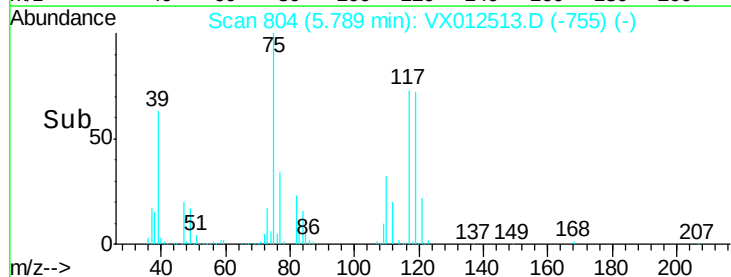
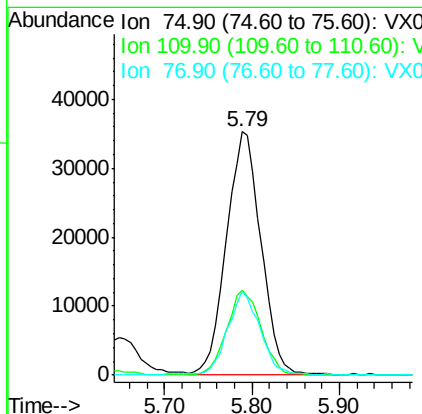
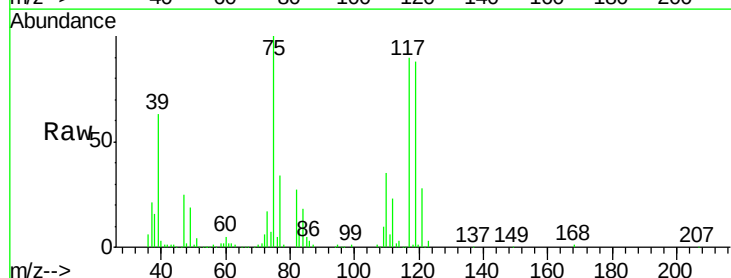
RT: 5.79 min Scan# 804

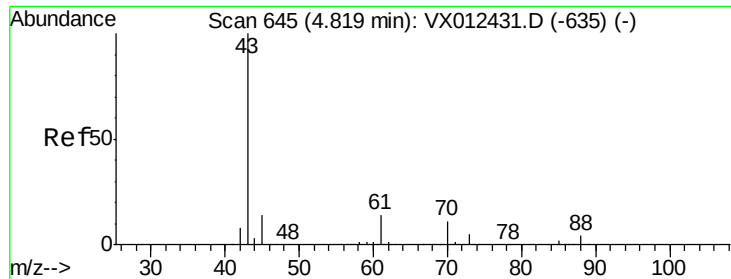
Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	75	Resp:	96385
Ion Ratio	Lower	Upper	
75	100		
110	34.9	16.7	50.0
77	32.5	24.2	36.2





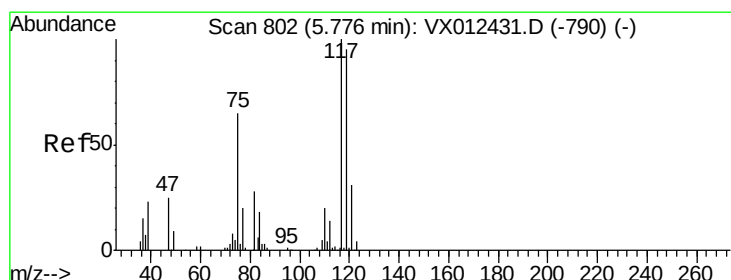
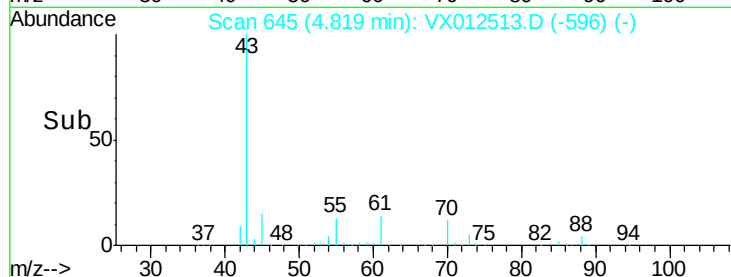
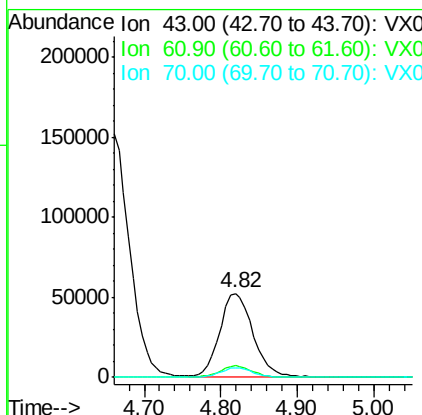
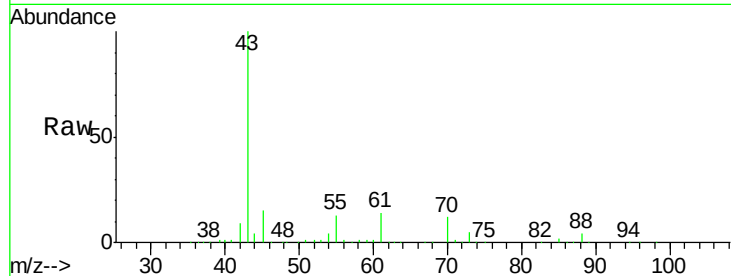
#37
Ethyl Acetate
Concen: 52.269 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	11.4	8.7	13.1

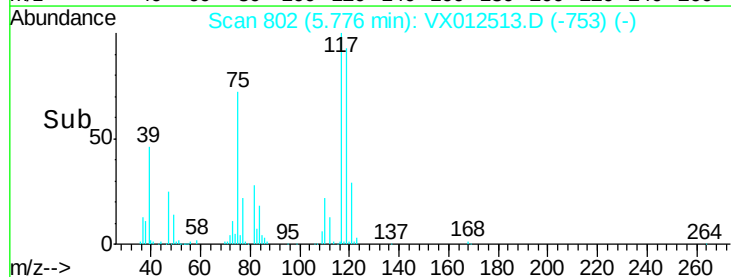
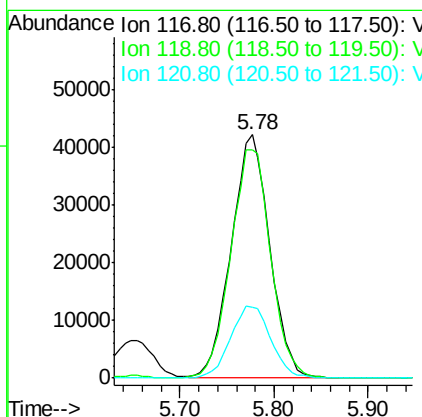
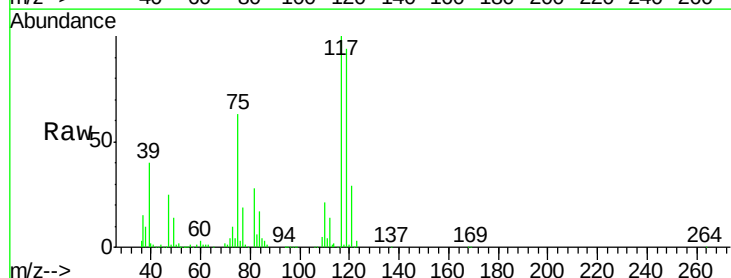
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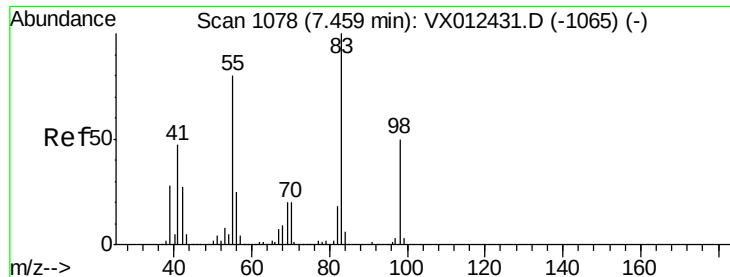
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#38
Carbon Tetrachloride
Concen: 49.465 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.7	113.5
121	29.3	24.2	36.4





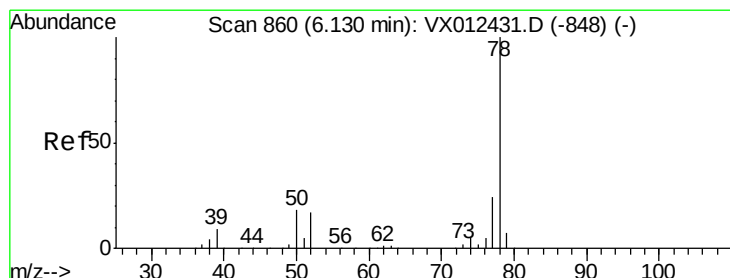
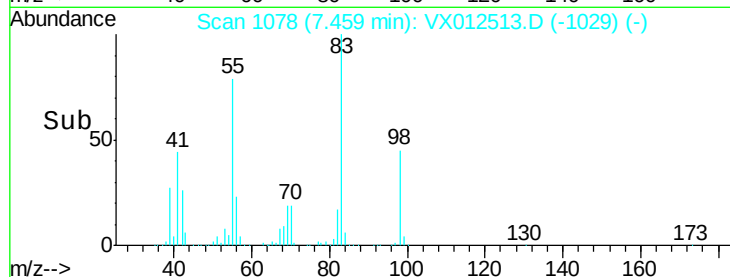
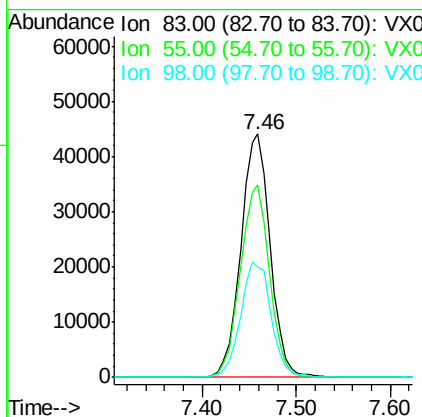
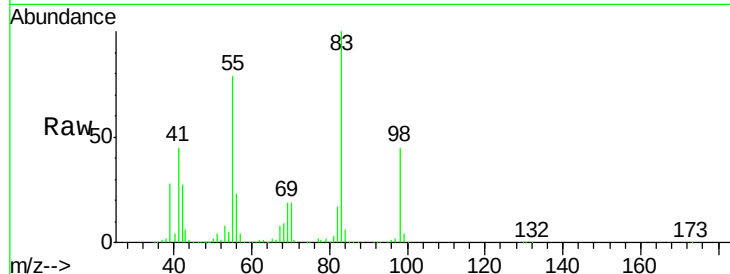
#39
Methylvlcyclohexane
Concen: 50.195 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.9		64.4	96.6
98	45.4		40.1	60.1

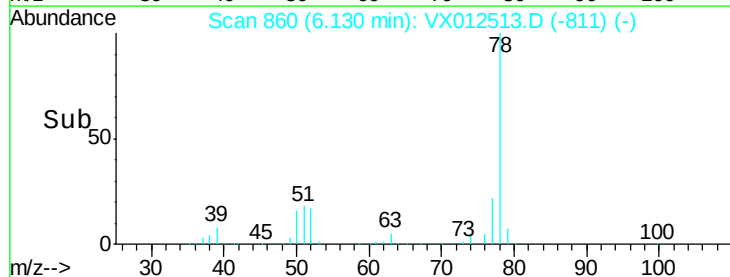
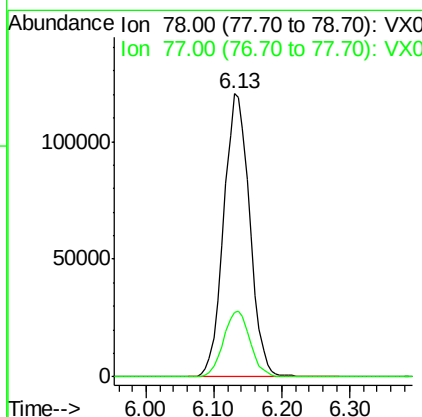
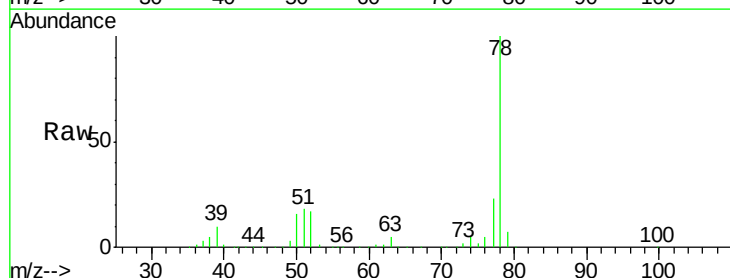
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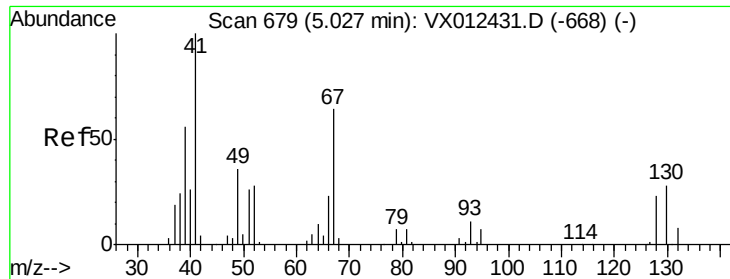
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#40
Benzene
Concen: 51.160 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7		19.2	28.8





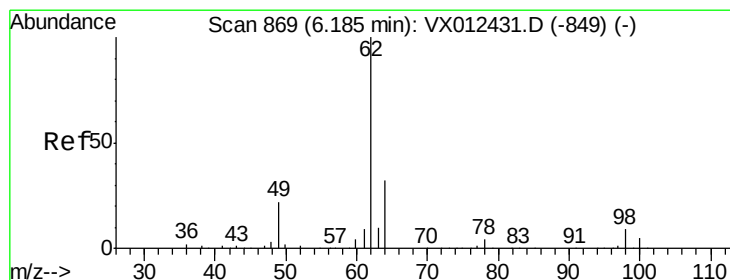
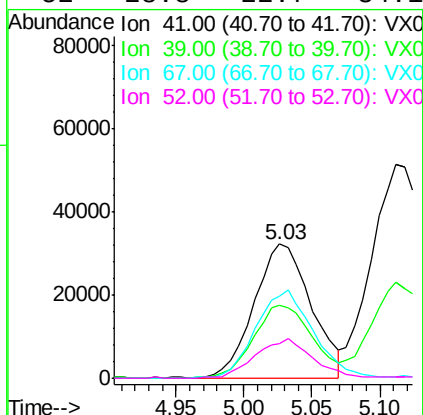
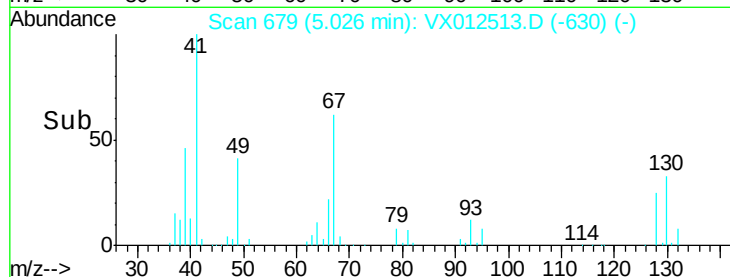
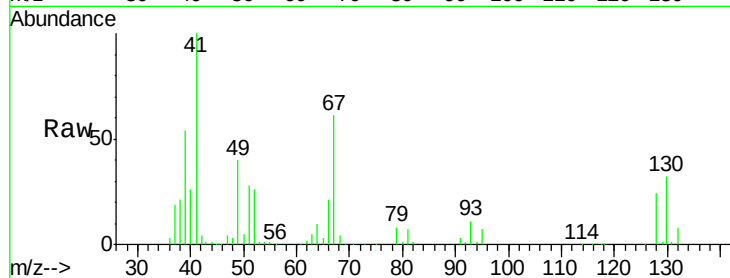
#41
Methacrylonitrile
Concen: 48.448 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	46.0	69.0	
67	66.9	52.2	78.2	
52	28.8	22.7	34.1	

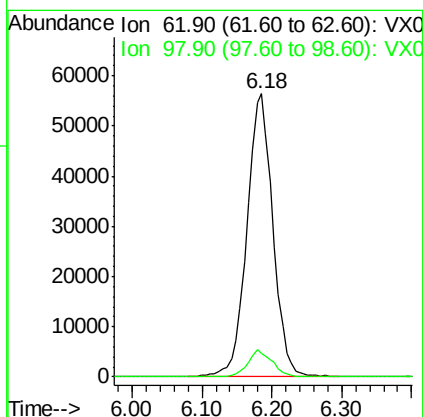
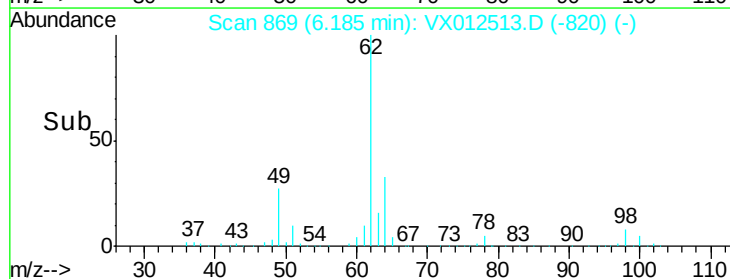
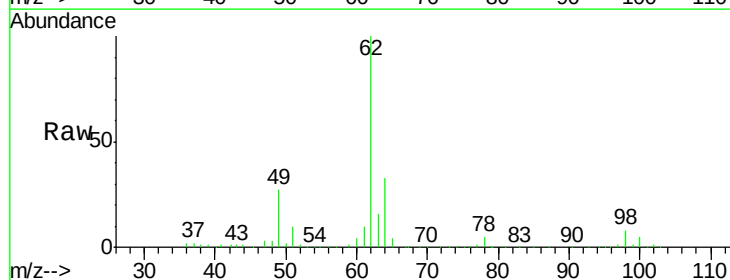
Manual Integrations
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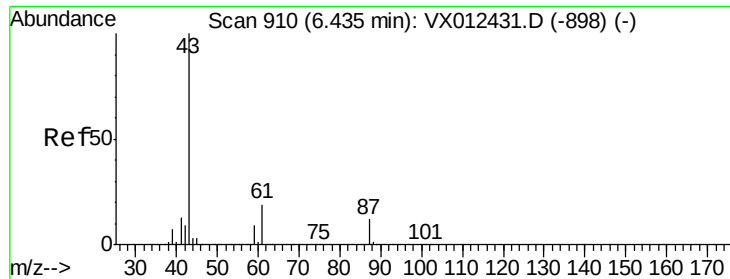
MMDadoda
9/19/2019 1:07:25 PM



#42
1,2-Dichloroethane
Concen: 50.282 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





#43

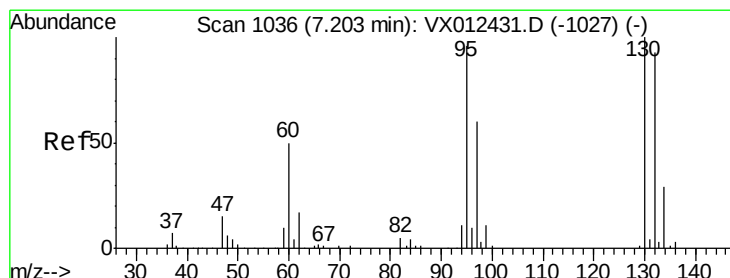
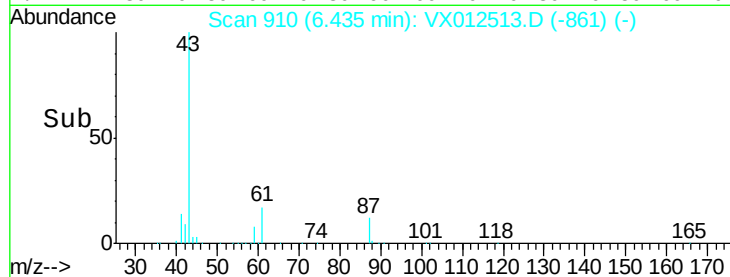
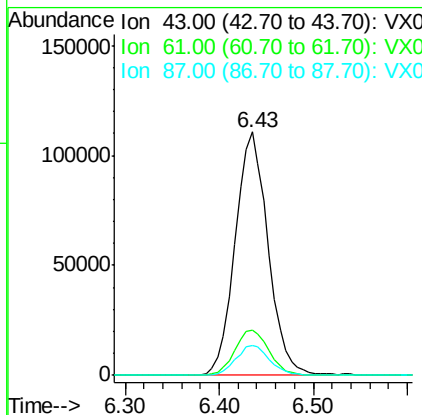
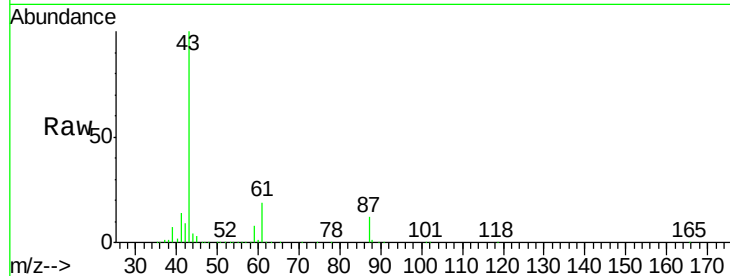
Isopropyl Acetate
 Concen: 49.683 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.8	9.8	14.8

Manual Integrations
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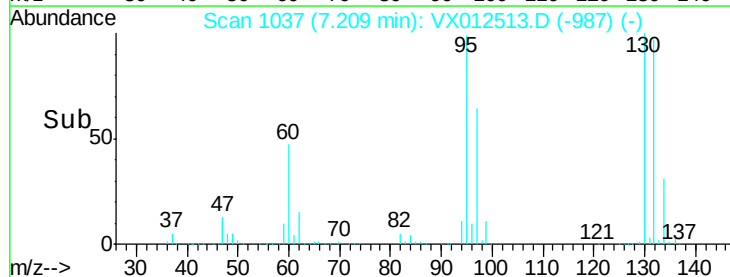
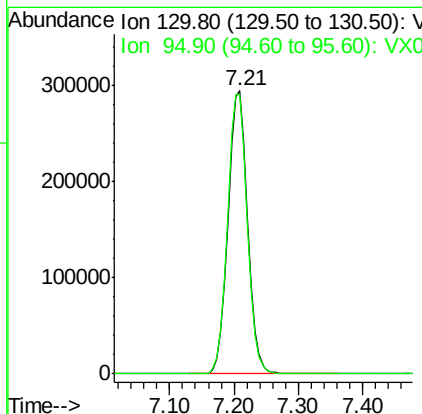
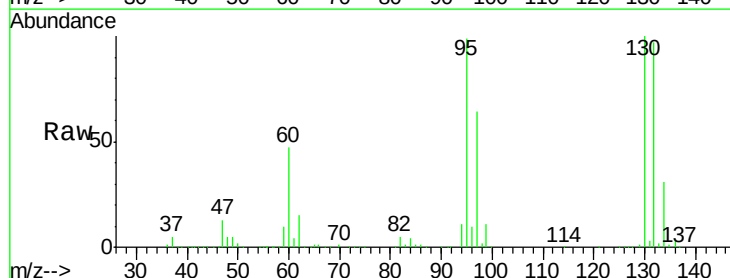
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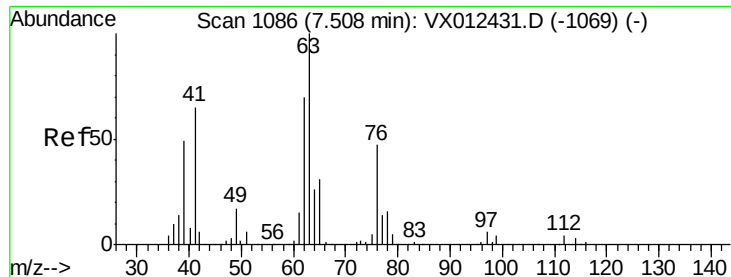


#44

Trichloroethene
 Concen: 384.516 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.641 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 63 Resp: 97099

Ion Ratio Lower Upper

63 100

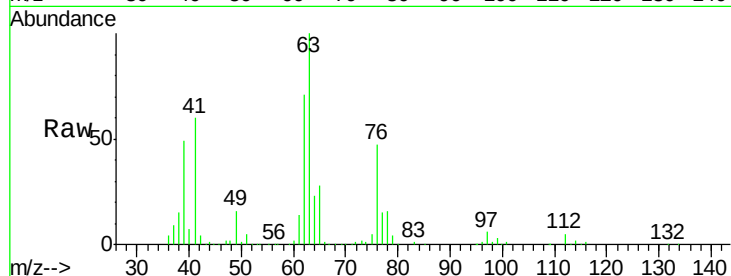
65 28.5 25.0 37.6

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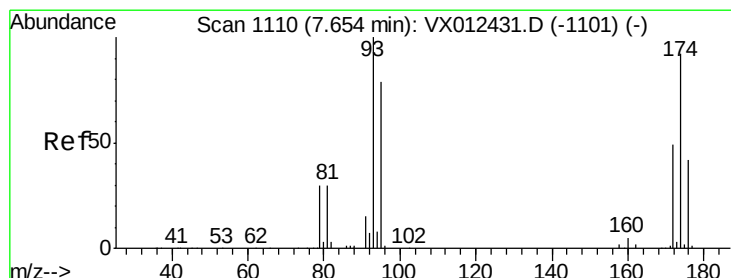
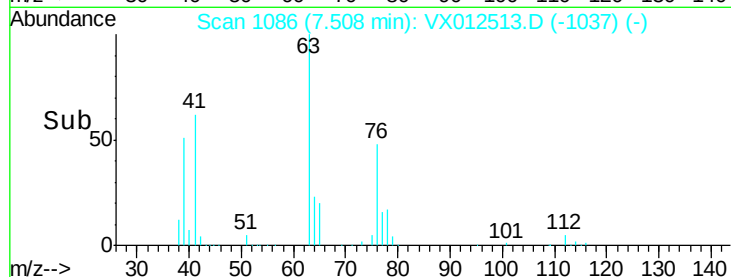
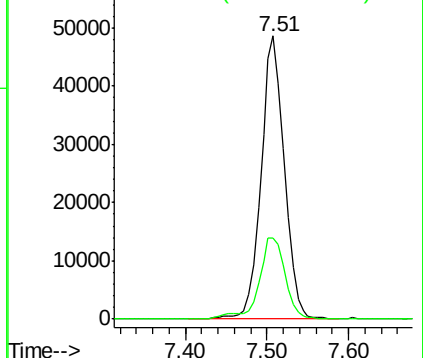
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.635 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

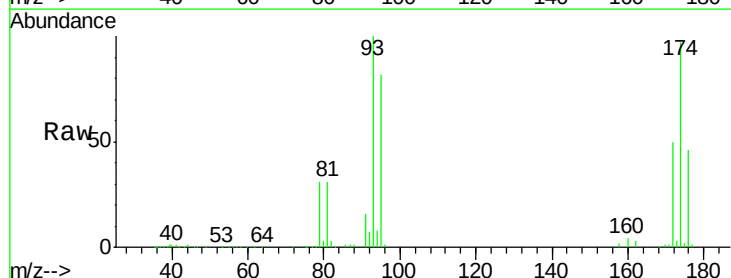
Tgt Ion: 93 Resp: 62827

Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

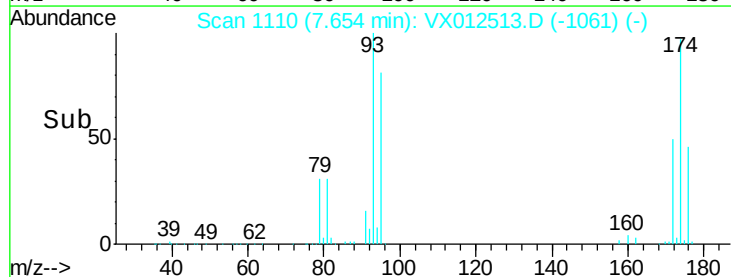
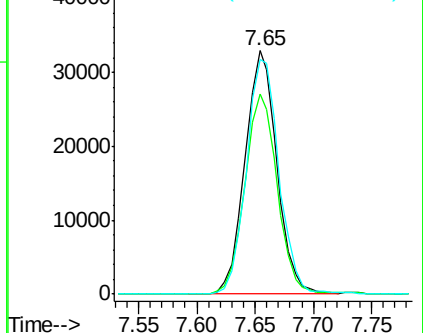
174 98.6 77.4 116.0

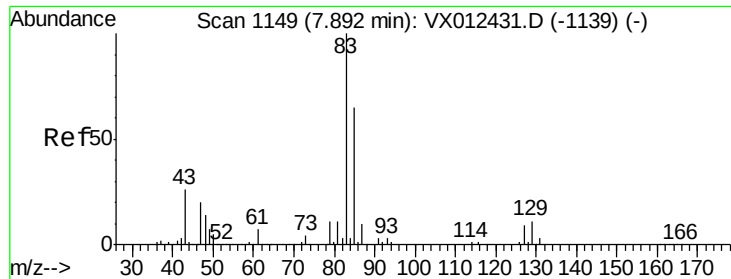


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.297 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

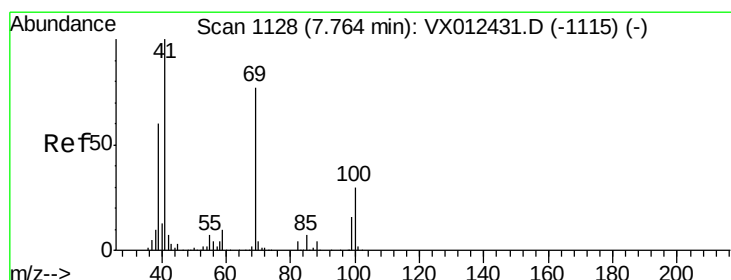
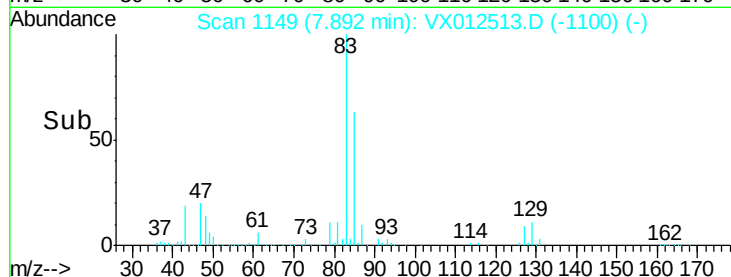
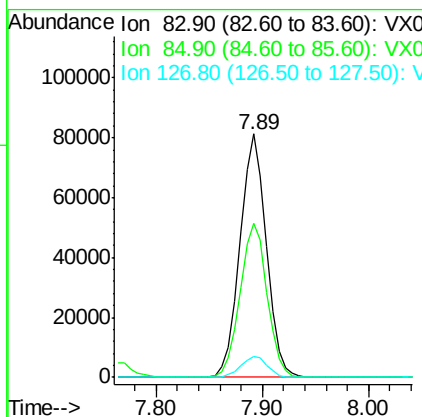
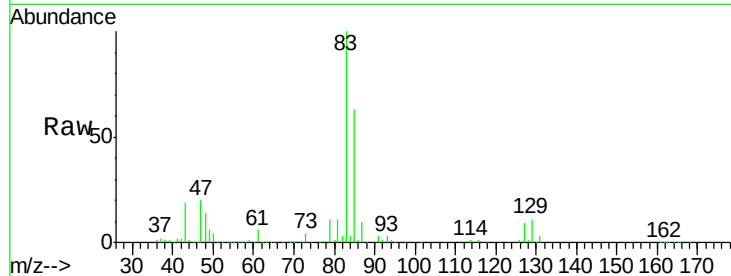
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	83	Resp:	141719
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.6
127	8.5	7.3	10.9

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#48

Methyl methacrylate

Concen: 50.498 ug/l

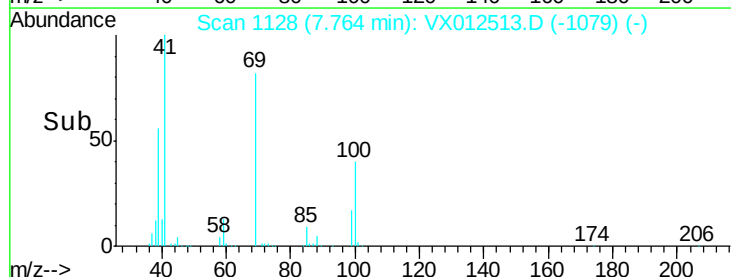
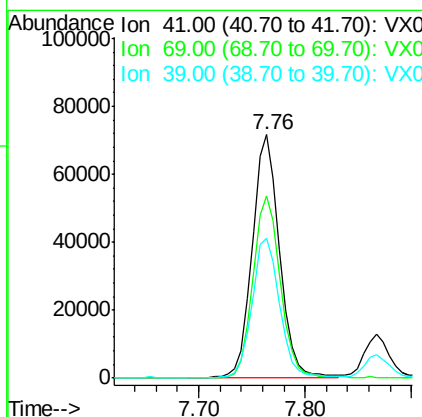
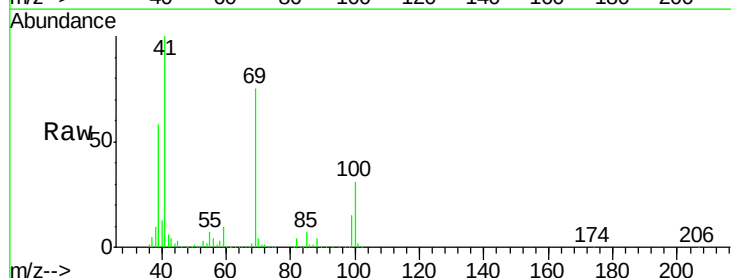
RT: 7.76 min Scan# 1128

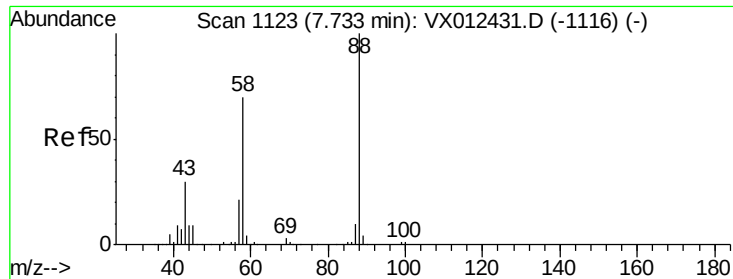
Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	41	Resp:	128709
Ion	Ratio	Lower	Upper
41	100		
69	75.6	59.9	89.9
39	58.6	47.8	71.6





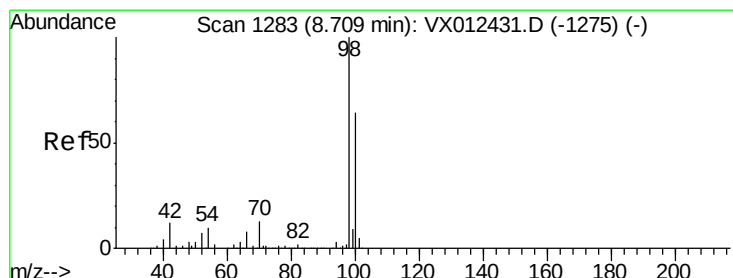
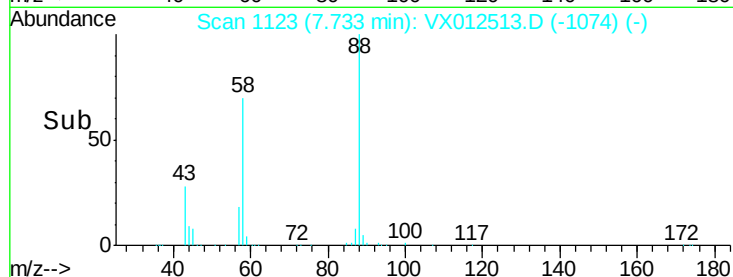
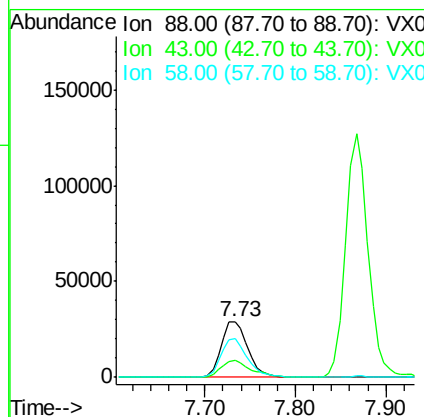
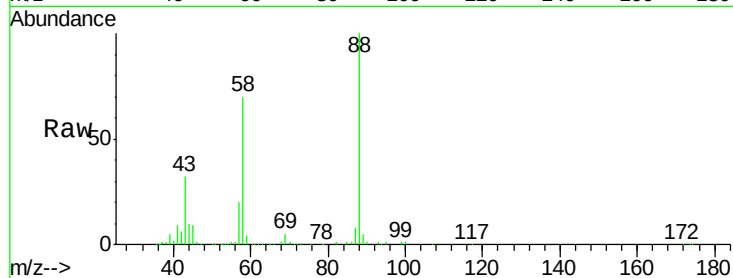
#49
1,4-Dioxane
Concen: 956.000 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.4	44.0
58	70.6	57.5	86.3

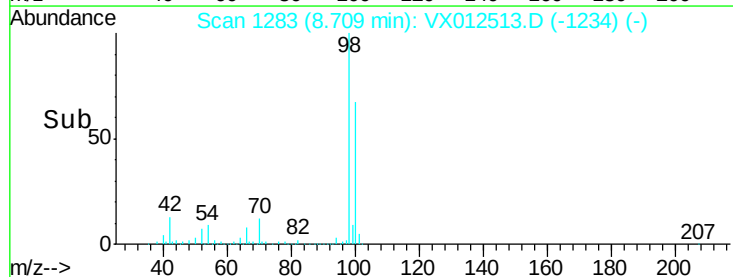
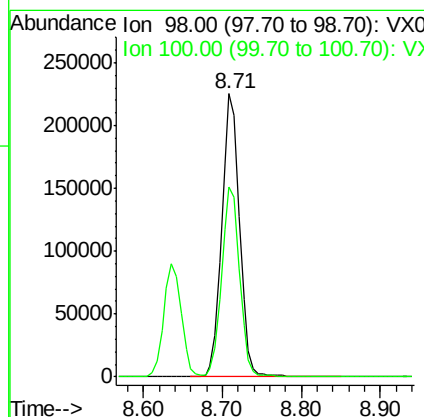
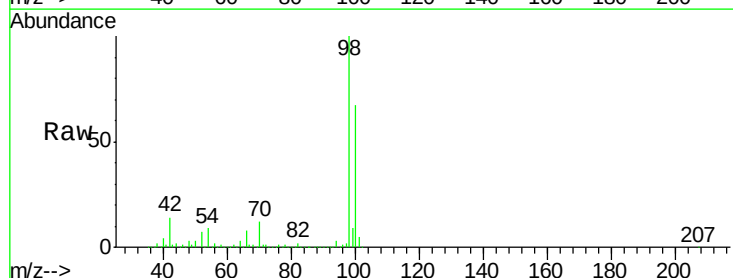
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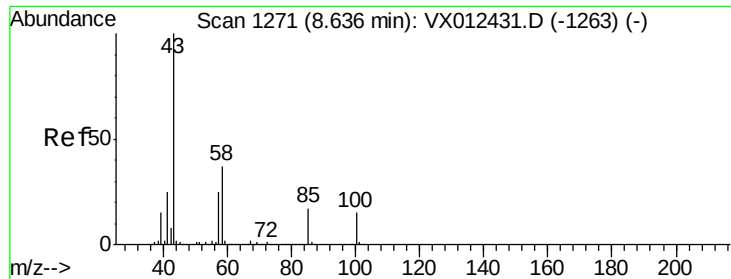
MMDadoda
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#50
Toluene-d8
Concen: 48.853 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 248.376 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 43 Resp: 880708

Ion Ratio Lower Upper

43 100

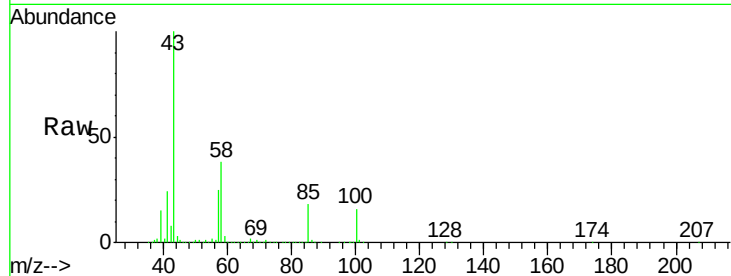
58 37.9 29.8 44.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

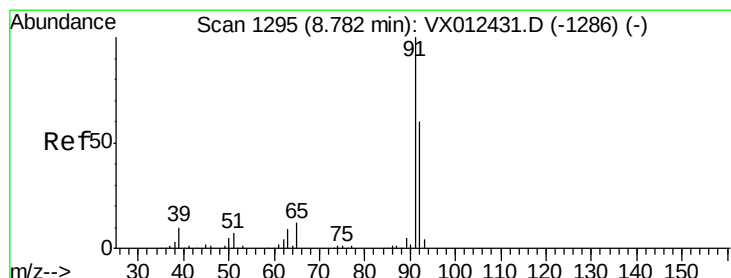
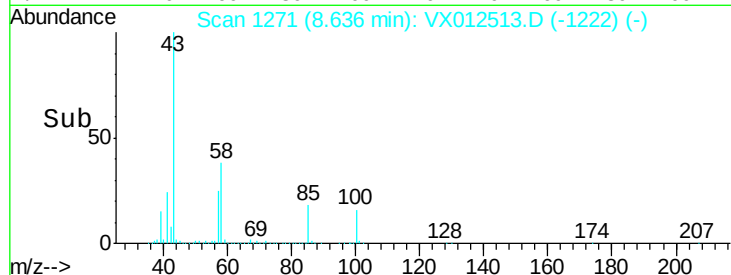
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.549 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012513.D

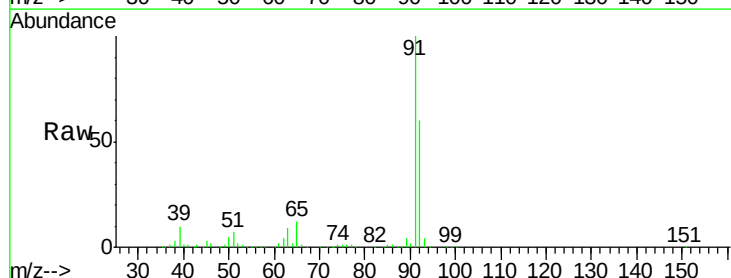
Acq: 19 Sep 2019 07:20

Tgt Ion: 92 Resp: 207303

Ion Ratio Lower Upper

92 100

91 166.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

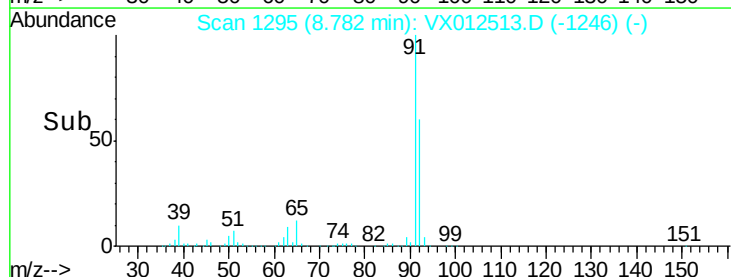
150000

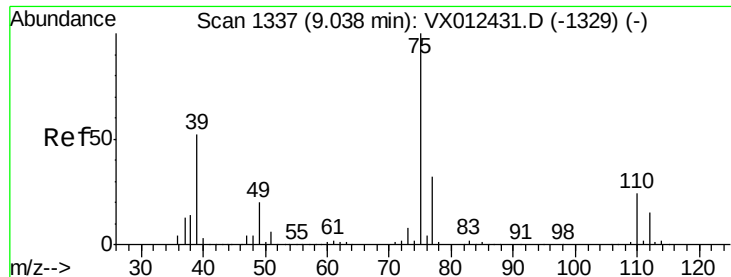
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.153 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 75 Resp: 138286

Ion Ratio Lower Upper

75 100

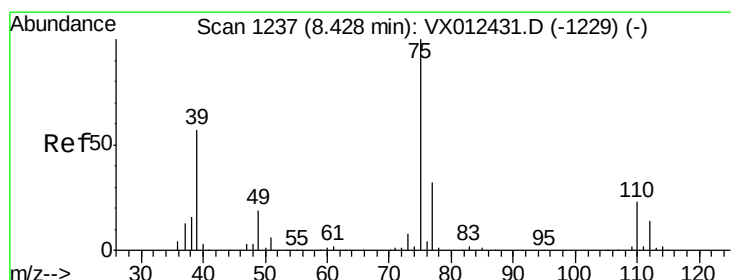
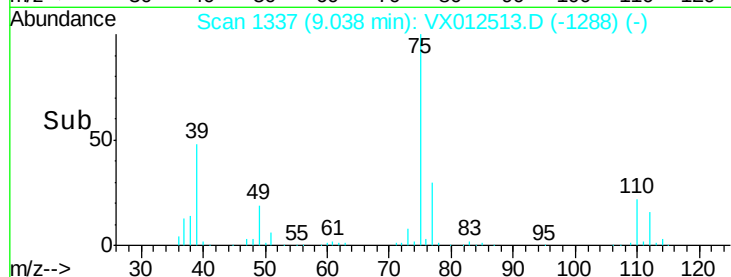
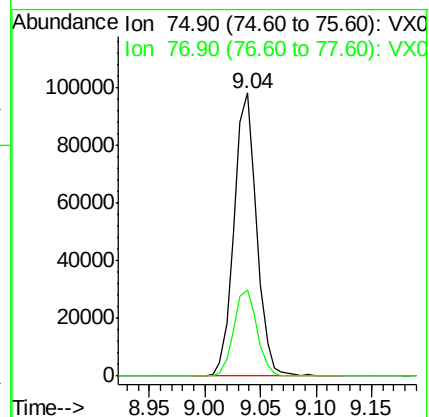
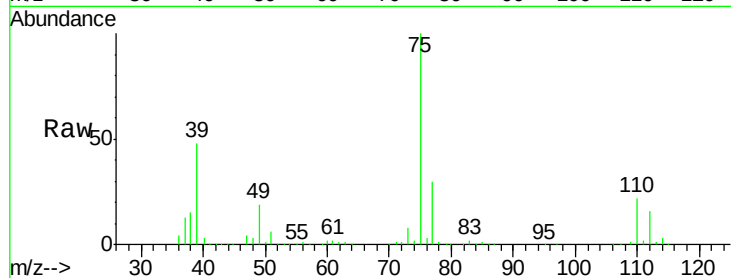
77 30.3 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 48.008 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

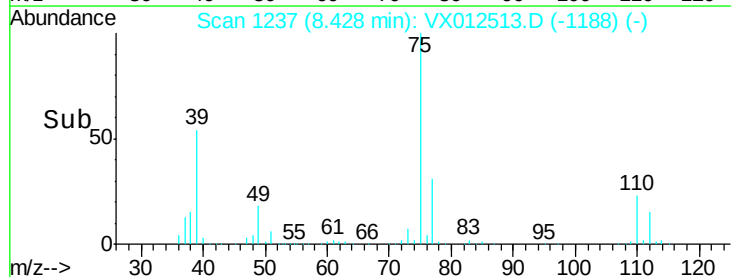
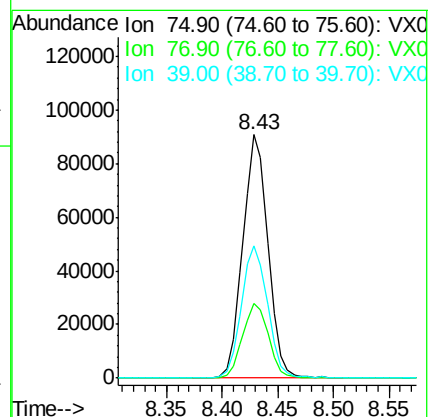
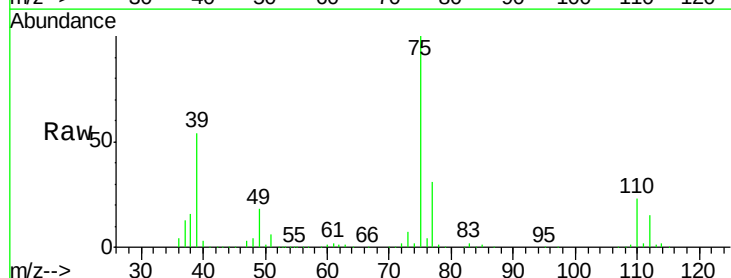
Tgt Ion: 75 Resp: 142733

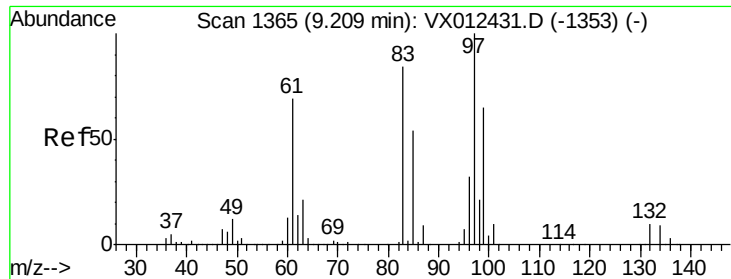
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

39 54.0 45.5 68.3





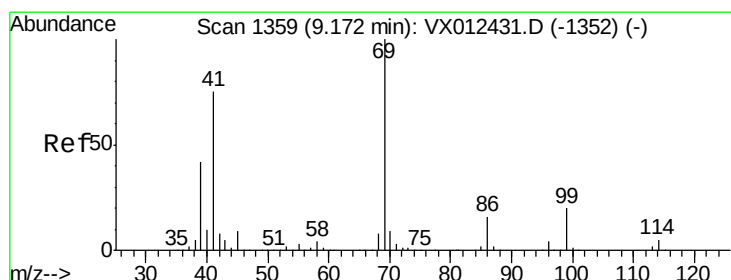
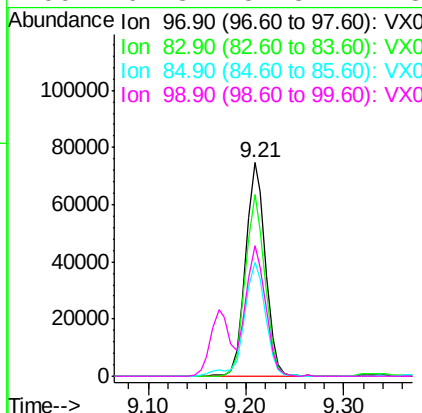
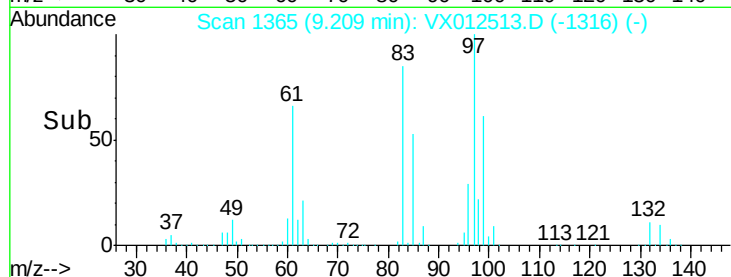
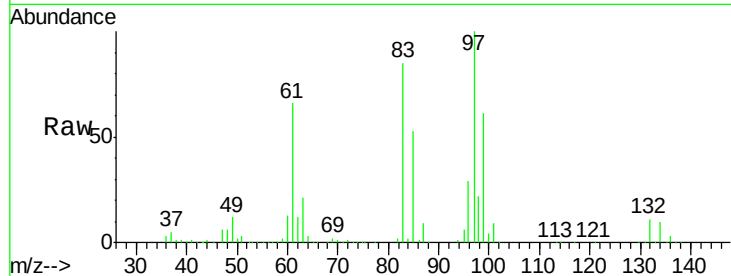
#55
 1,1,2-Trichloroethane
 Concen: 51.088 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion:	97	Resp:	105847
Ion Ratio	Lower	Upper	
97	100		
83	85.3	67.4	101.2
85	53.1	43.5	65.3
99	61.3	51.8	77.8

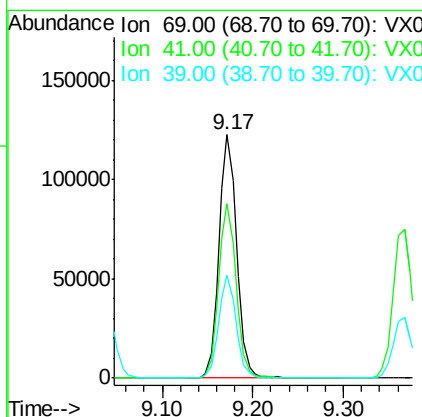
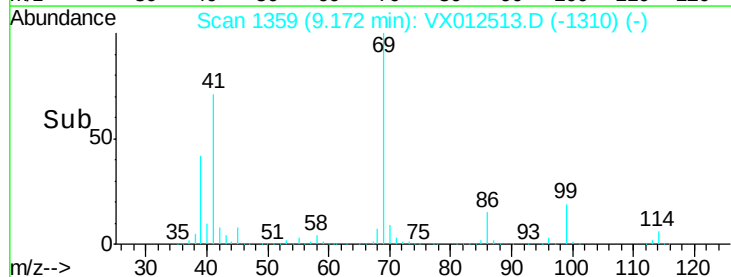
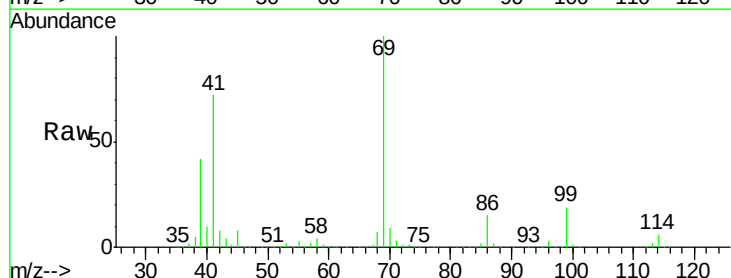
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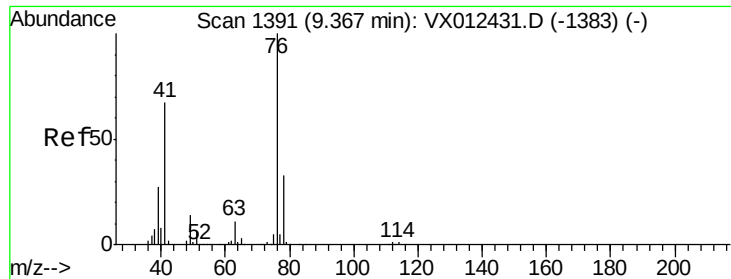
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#56
 Ethyl methacrylate
 Concen: 51.677 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:	69	Resp:	167398
Ion Ratio	Lower	Upper	
69	100		
41	71.1	58.4	87.6
39	41.3	33.4	50.0





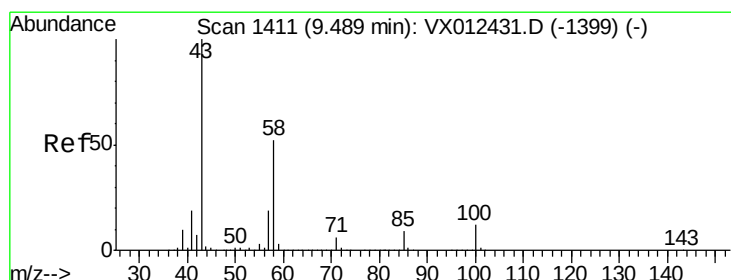
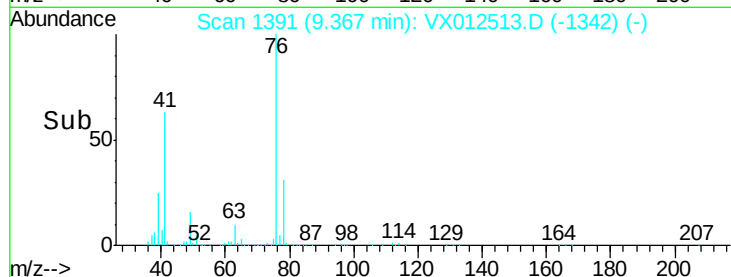
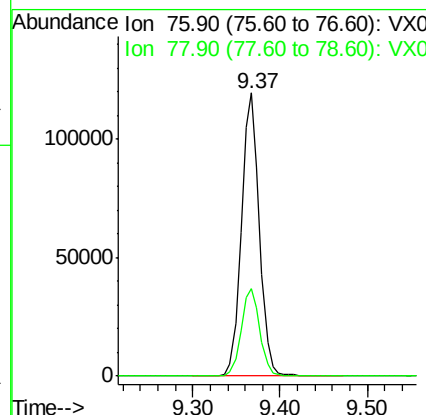
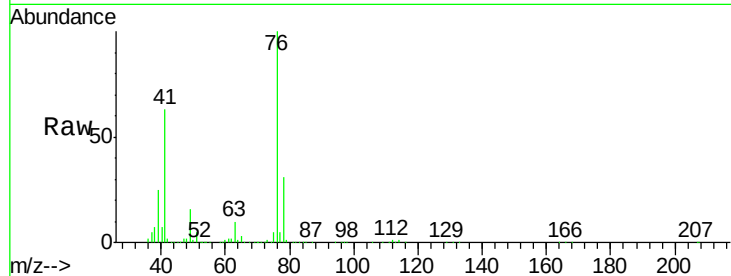
#57
 1,3-Dichloropropane
 Concen: 51.741 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

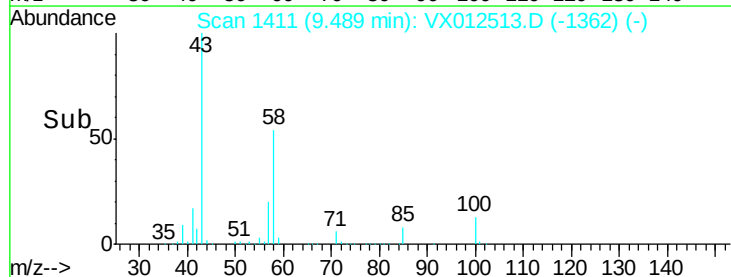
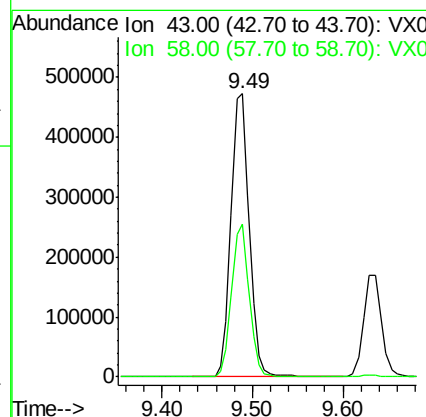
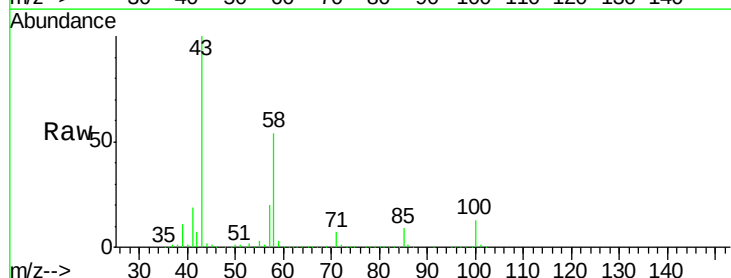
Manual Integrations
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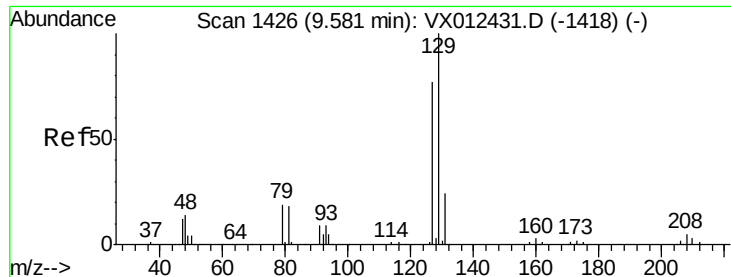
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#59
 2-Hexanone
 Concen: 240.087 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.6	25.7	77.1





#60

Dibromochloromethane

Concen: 53.461 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion:129 Resp: 112823

Ion Ratio Lower Upper

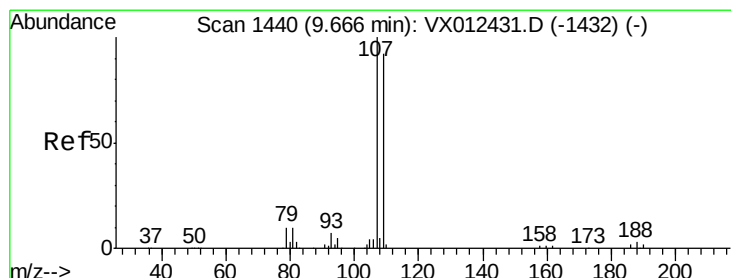
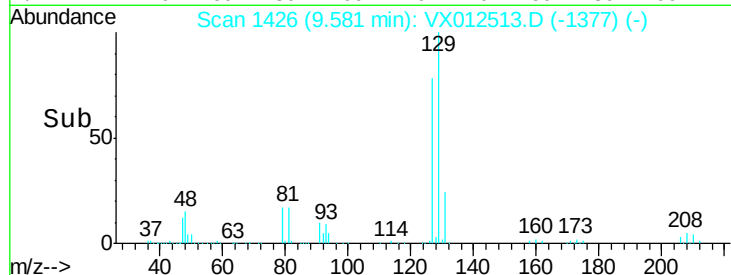
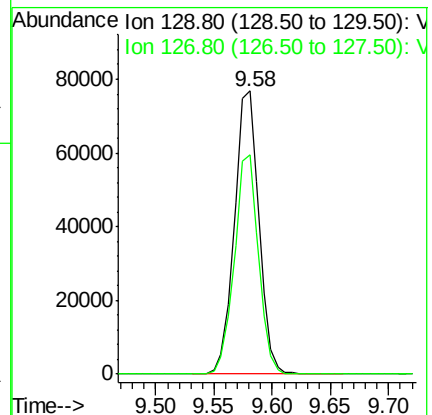
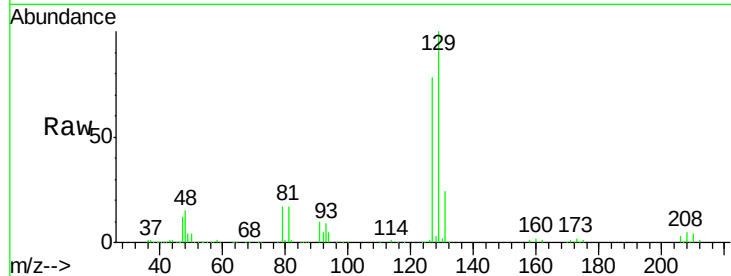
129 100

127 75.9 38.9 116.6

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 53.012 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012513.D

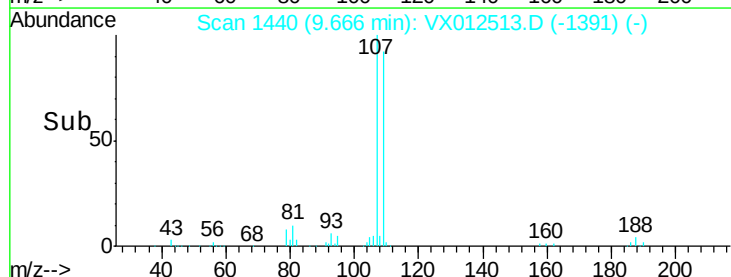
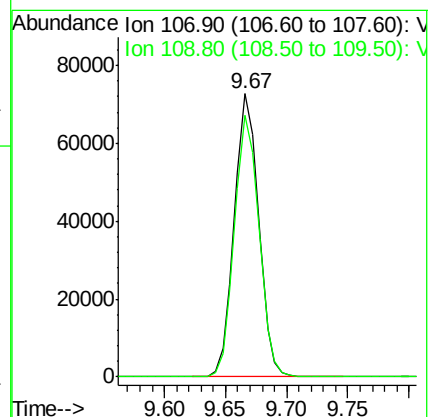
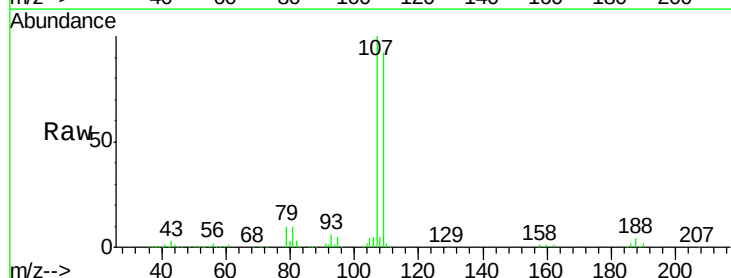
Acq: 19 Sep 2019 07:20

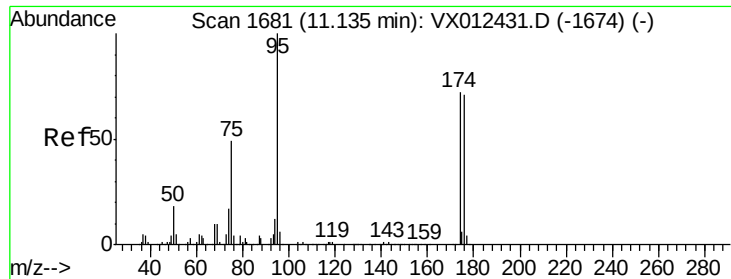
Tgt Ion:107 Resp: 100310

Ion Ratio Lower Upper

107 100

109 93.6 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 47.572 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

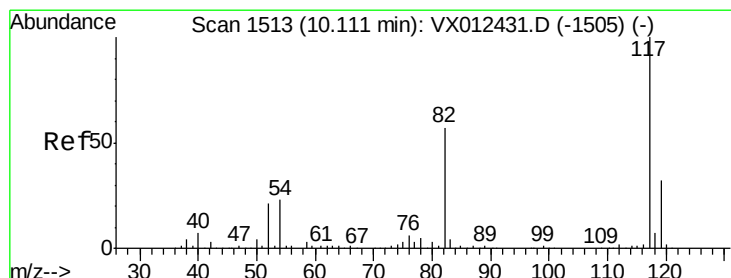
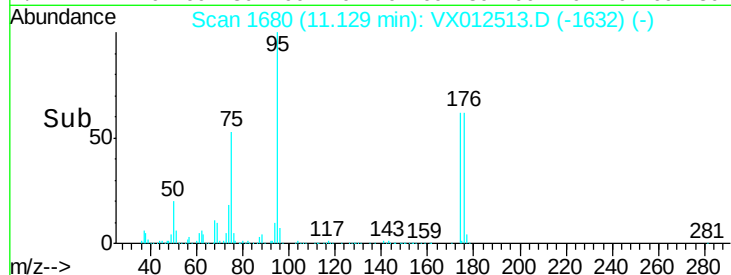
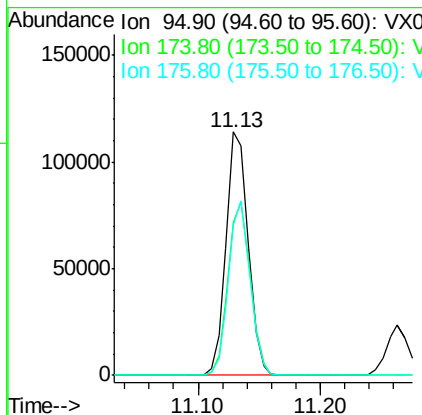
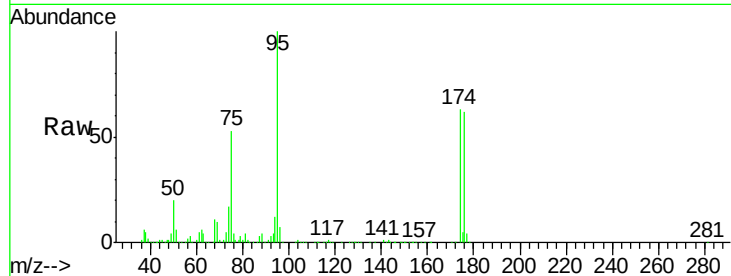
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	95	Resp:	142900
Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	140.0
176	69.4	0.0	135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

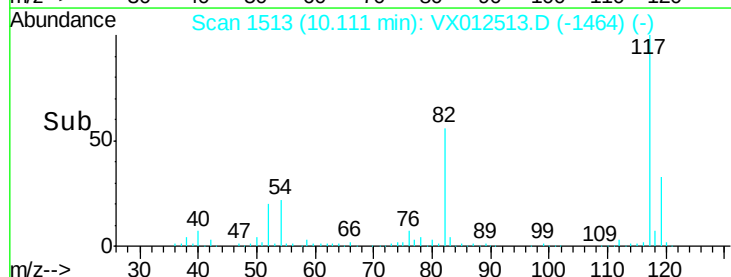
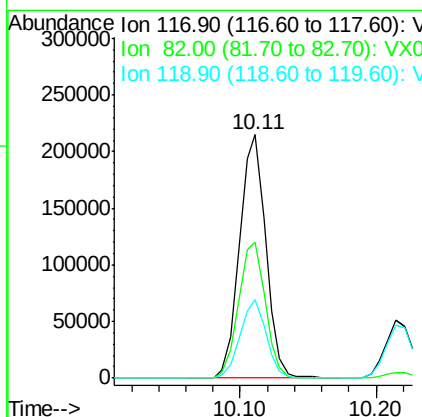
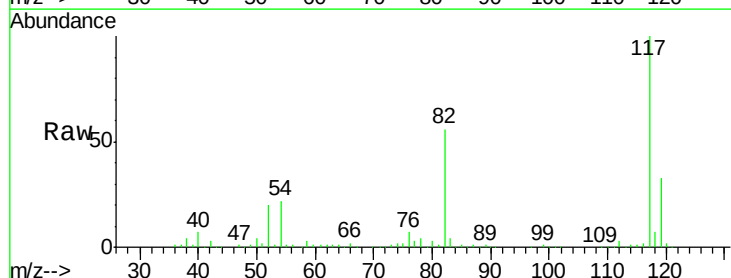
RT: 10.11 min Scan# 1513

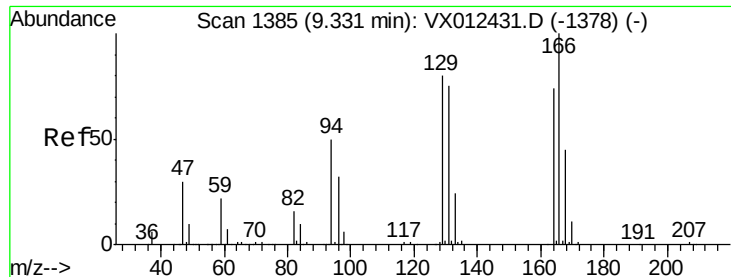
Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	117	Resp:	288591
Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.9	68.9
119	32.5	25.3	37.9





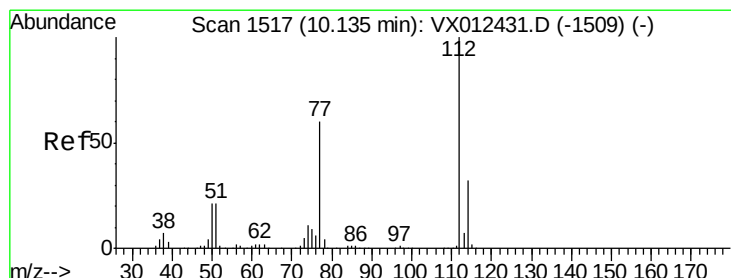
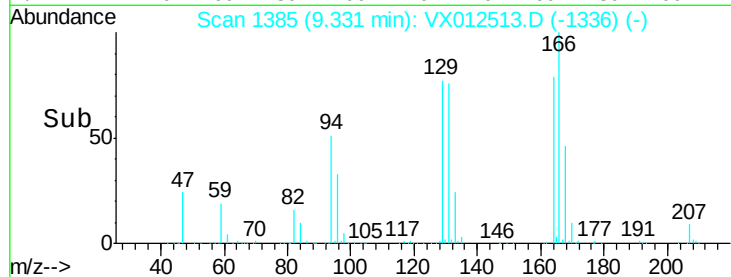
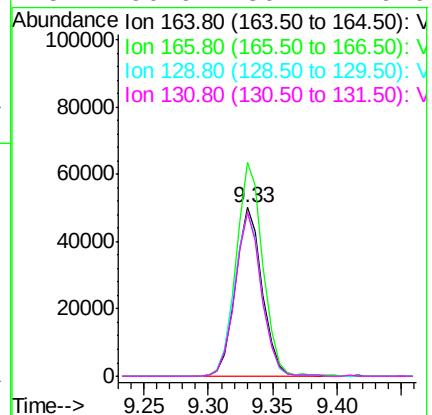
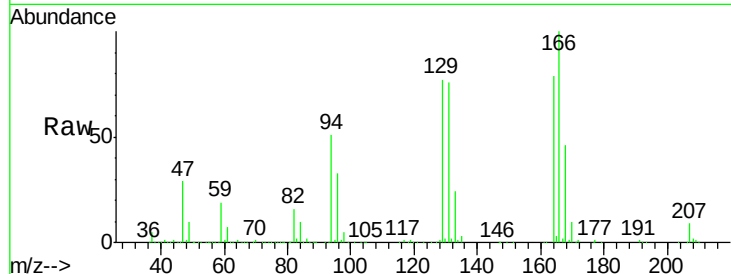
#64
Tetrachloroethene
Concen: 54.776 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.7	107.8	161.6
129	97.2	86.2	129.2
131	96.9	80.4	120.6

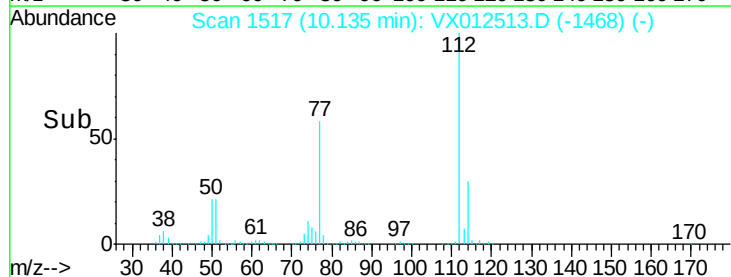
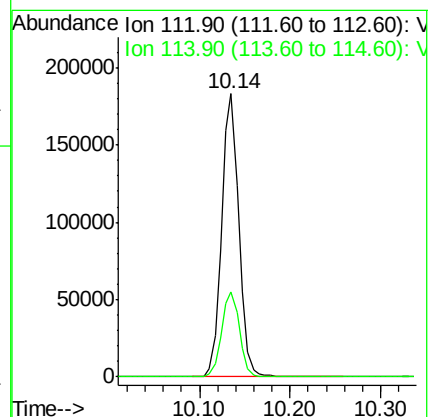
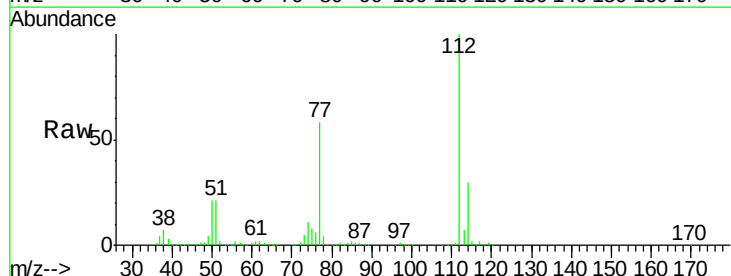
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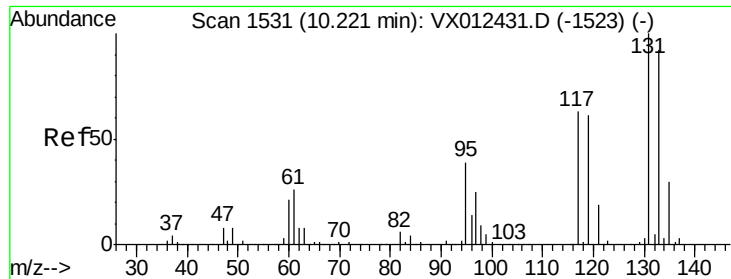
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#65
Chlorobenzene
Concen: 50.924 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.0





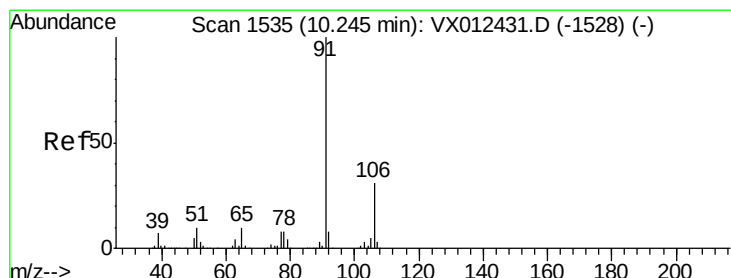
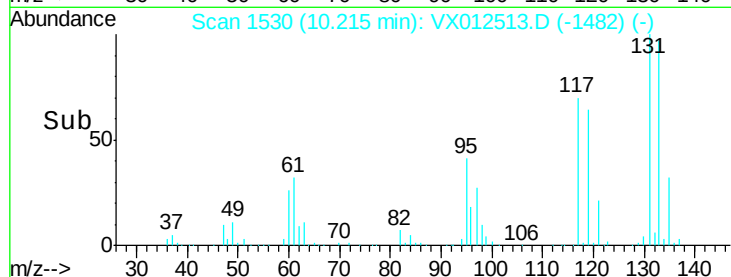
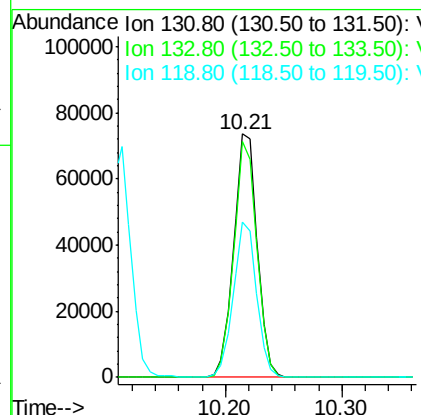
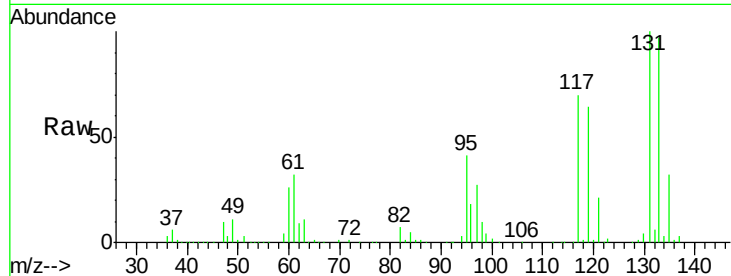
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.514 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	103812		
133	94.9	47.6	142.9	
119	62.9	31.3	93.8	

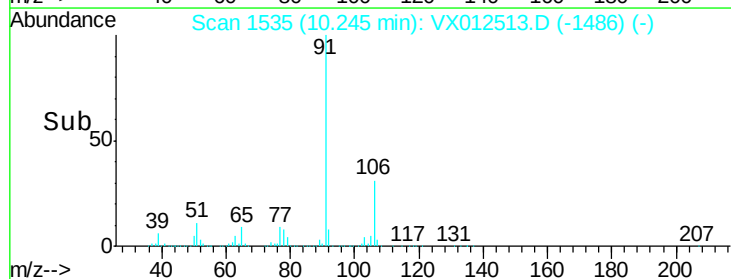
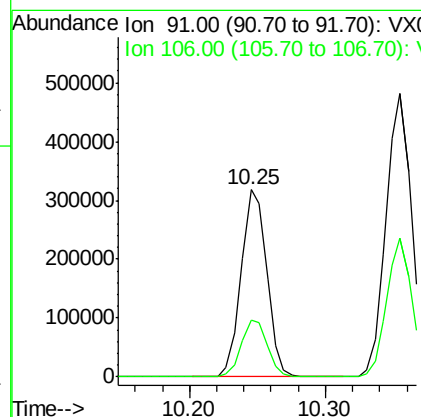
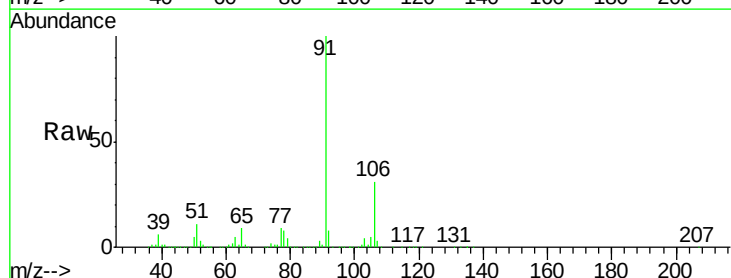
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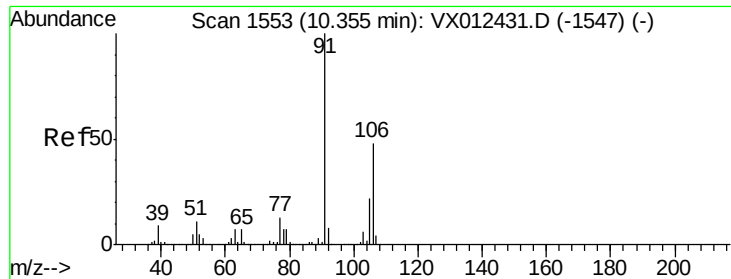
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#67
 Ethyl Benzene
 Concen: 51.090 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	418091		
106	30.7	24.6	37.0	





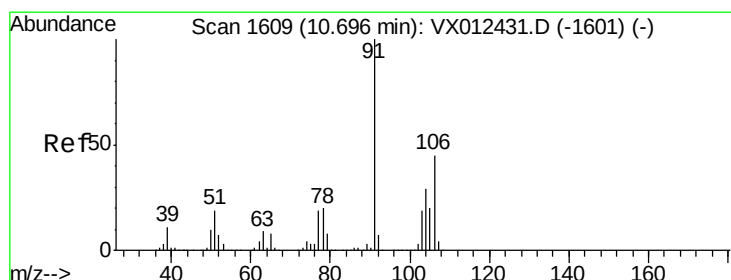
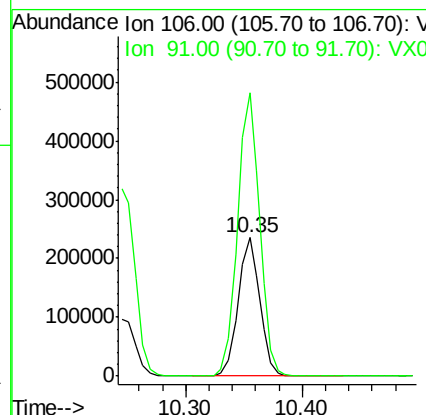
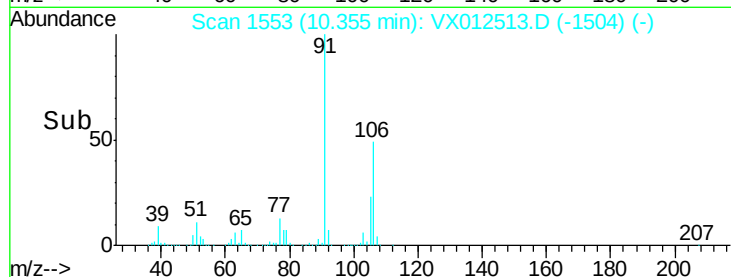
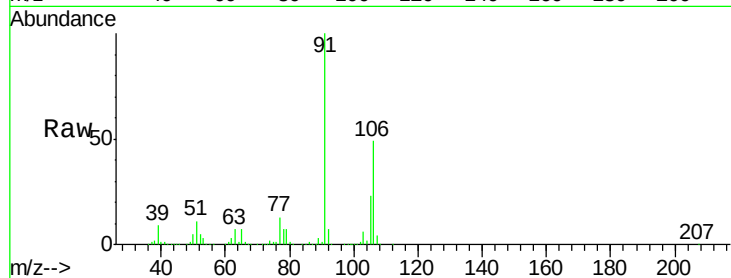
#68
m/p-Xylenes
Concen: 102.348 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion:106 Resp: 304746
Ion Ratio Lower Upper
106 100
91 208.8 166.6 250.0

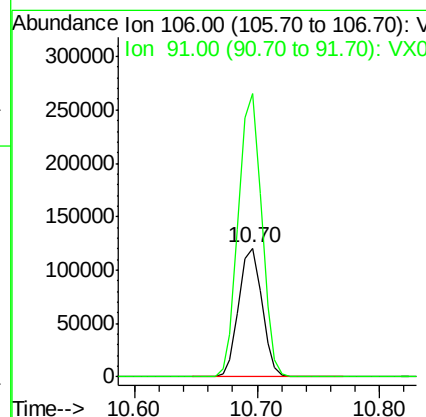
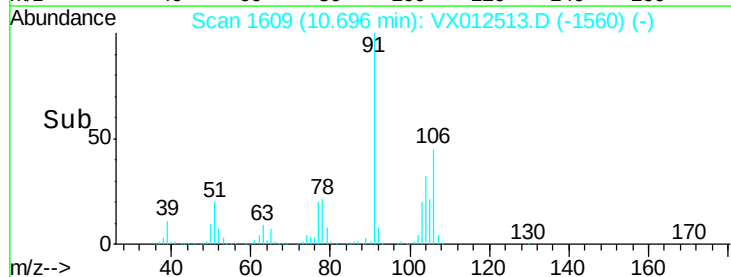
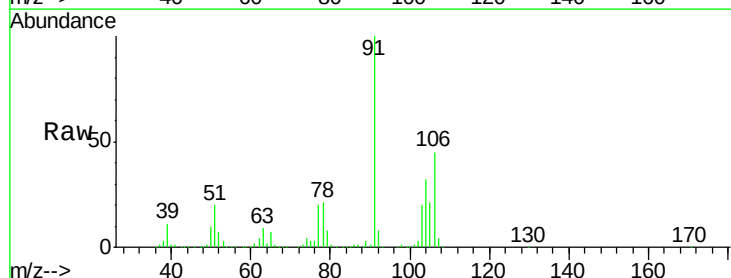
Manual Integrations
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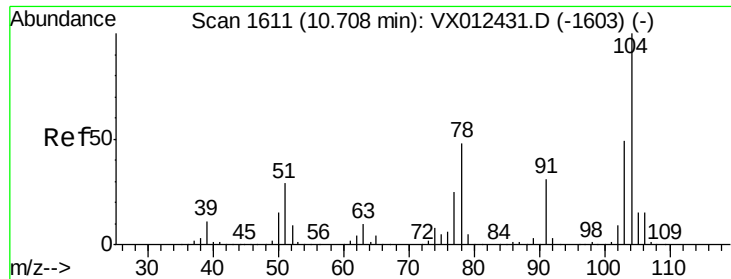
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#69
o-Xylene
Concen: 51.998 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:106 Resp: 159225
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2





#70

Stvrene

Concen: 52.699 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

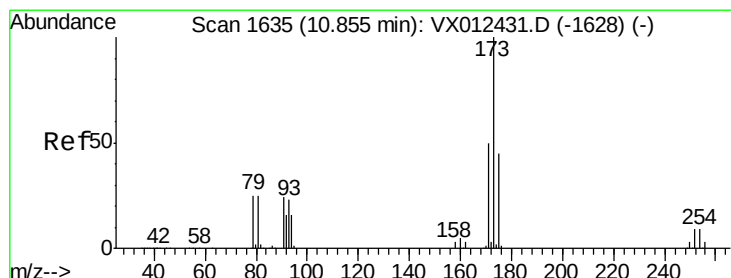
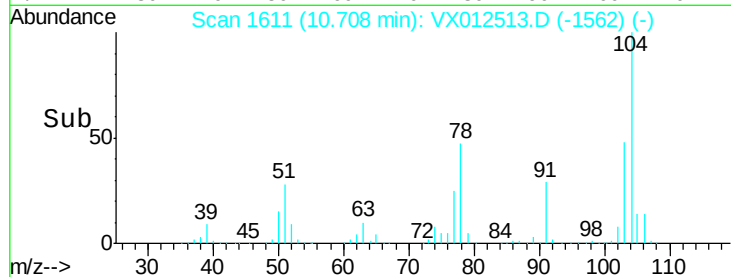
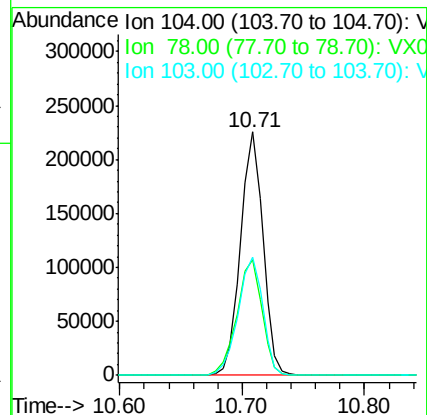
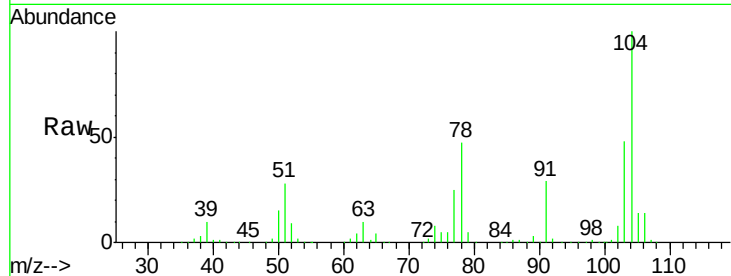
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	104	Resp:	285517
Ion Ratio	Lower	Upper	
104	100		
78	53.1	43.4	65.2
103	53.4	43.3	64.9

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#71

Bromoform

Concen: 45.214 ug/l

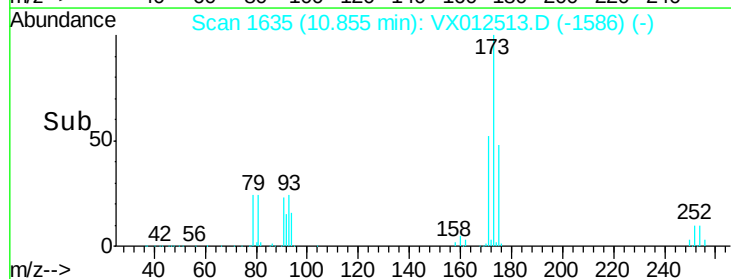
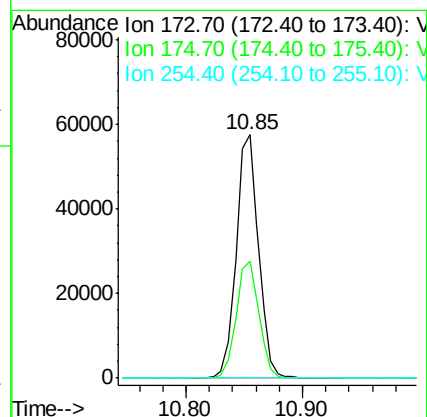
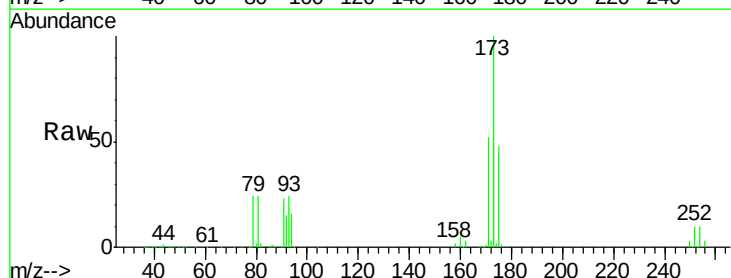
RT: 10.85 min Scan# 1635

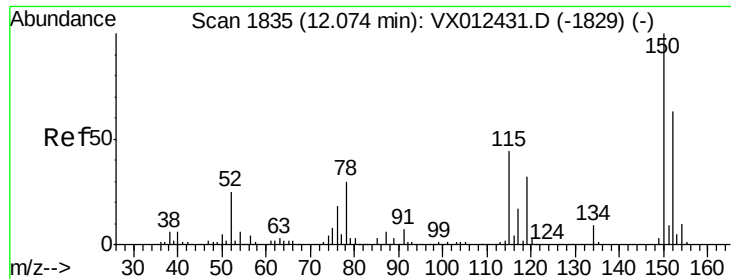
Delta R.T. 0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	173	Resp:	76462
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.7	71.1
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

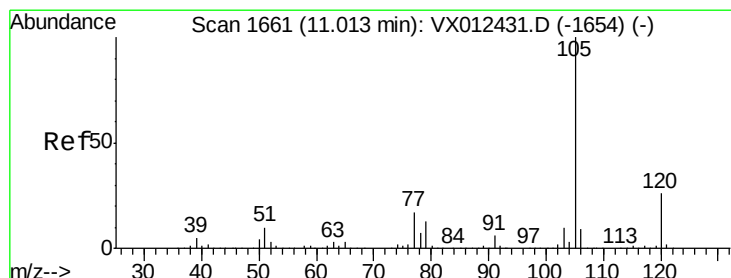
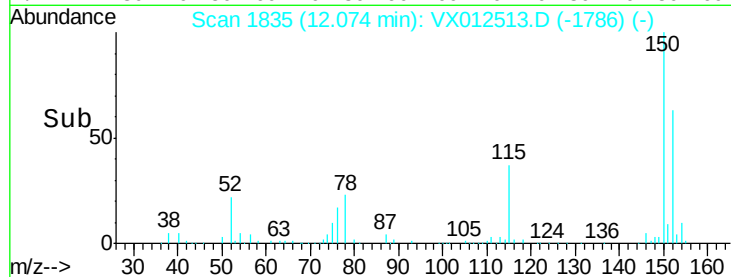
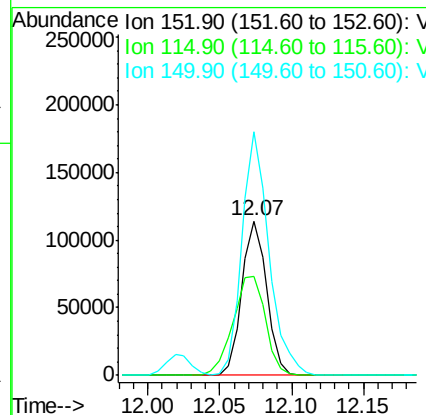
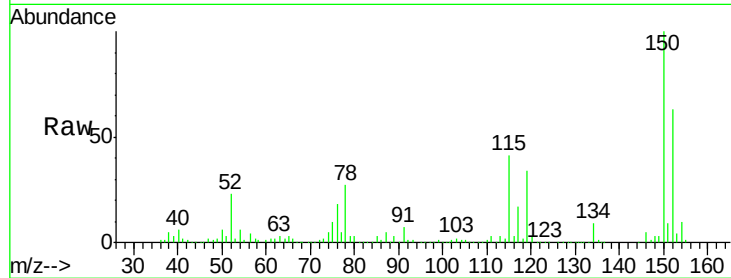
ClientSampleId :

RE122D2-20190909MS

Tot Ion:	152	Resp:	137361
Ion Ratio	Lower	Upper	
152	100		
115	83.7	44.1	132.3
150	171.4	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.397 ug/l

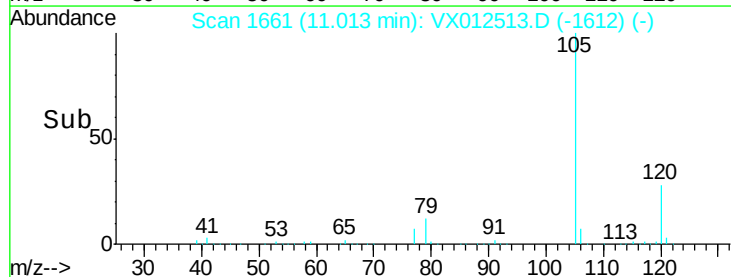
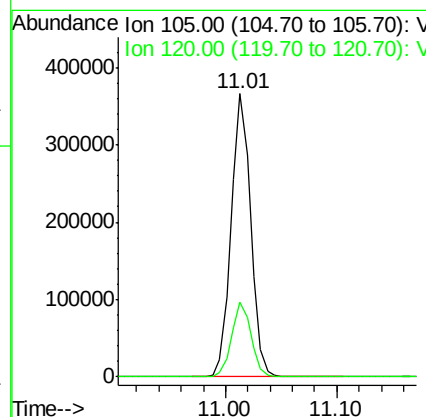
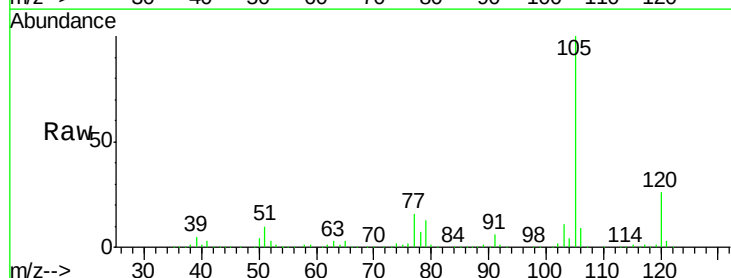
RT: 11.01 min Scan# 1661

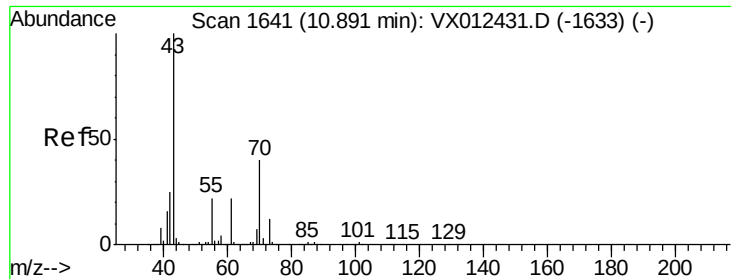
Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion:	105	Resp:	442973
Ion Ratio	Lower	Upper	
105	100		
120	26.2	12.9	38.7





#74

N-amvl acetate

Concen: 51.703 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

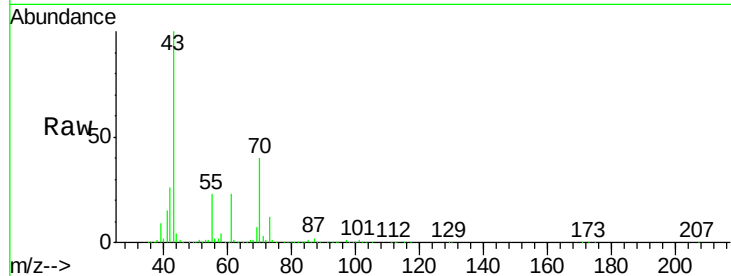
ClientSampleId :

RE122D2-20190909MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		239906		
70	40.7	32.4	48.6		
55	23.8	18.2	27.4		
61	23.7	18.5	27.7		

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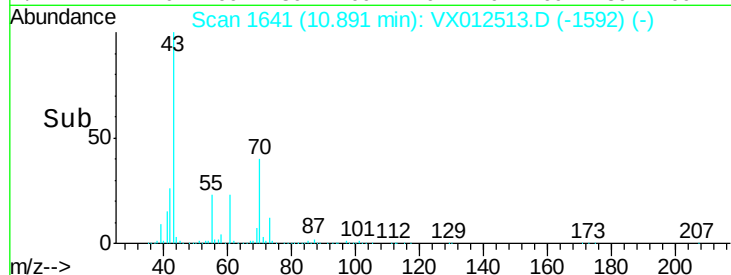
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

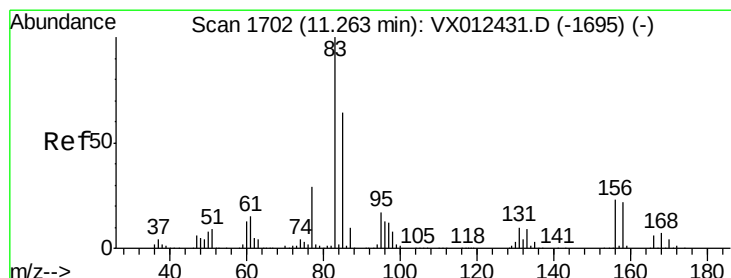
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 51.659 ug/l

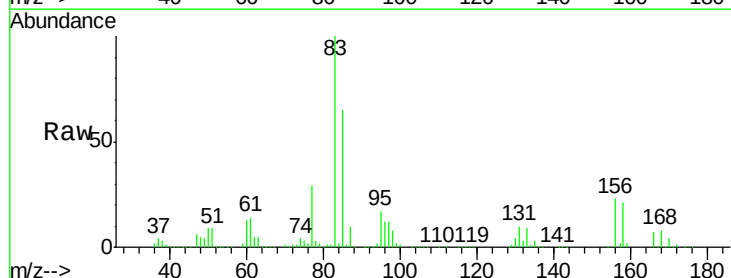
RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		174651		
131	10.5	5.2	15.6		
85	64.5	32.0	96.0		

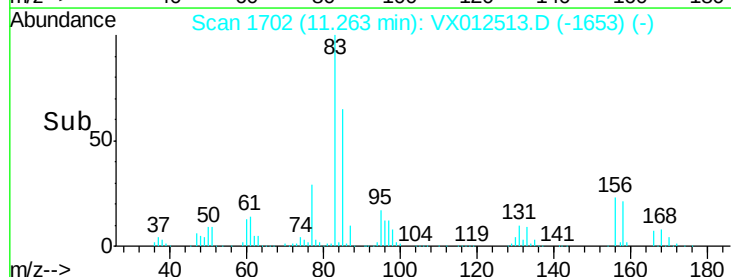


Abundance Ion 82.90 (82.60 to 83.60): VX0

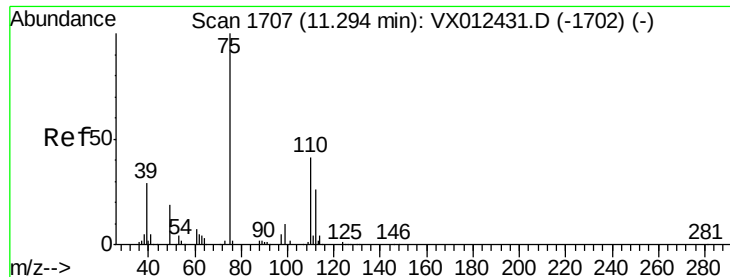
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



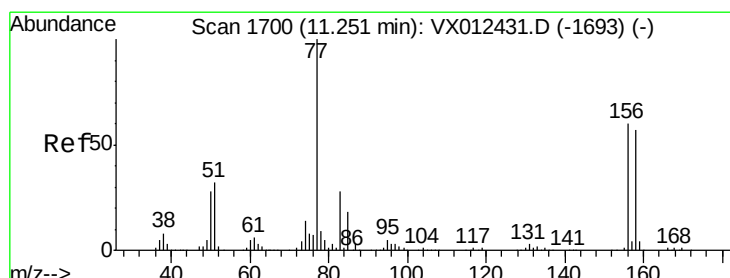
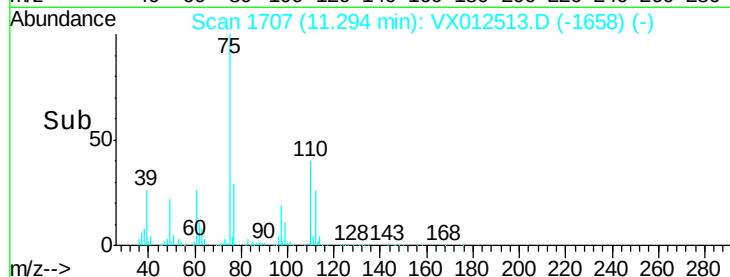
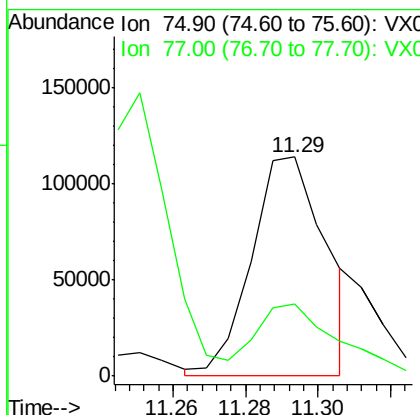
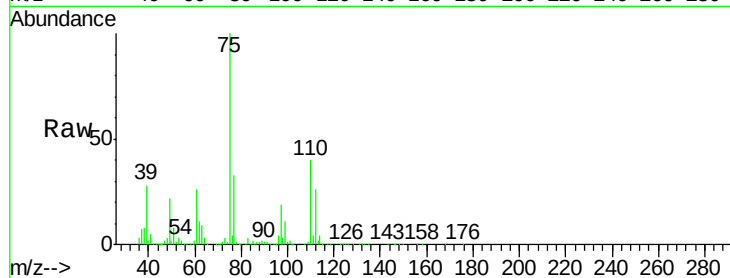
#76
 1,2,3-Trichloropropane
 Concen: 51.564 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion: 75 Resp: 162700
 Ion Ratio Lower Upper
 75 100
 77 36.6 19.7 59.0

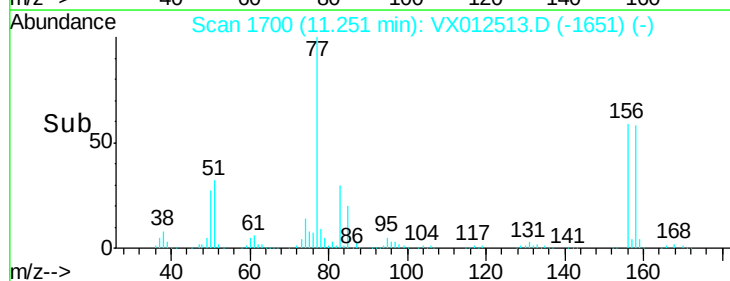
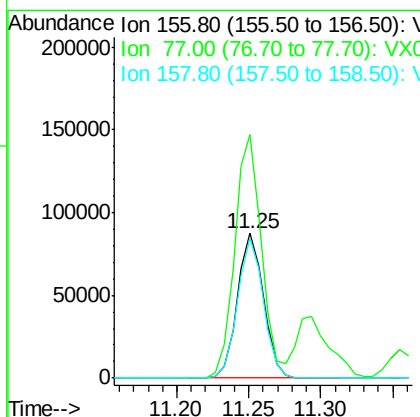
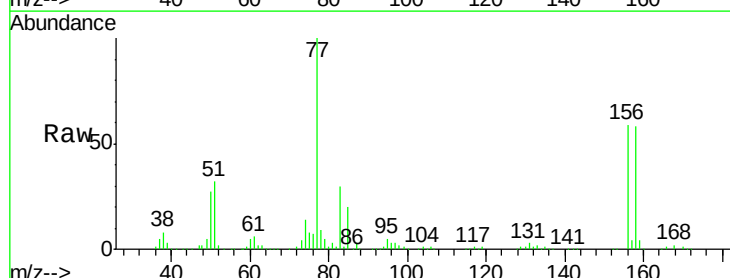
Manual Integrations
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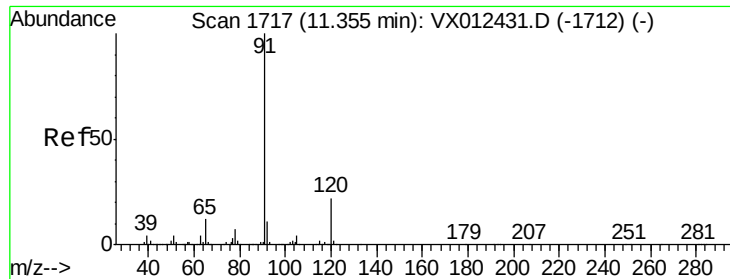
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 9/19/2019 1:07:25 PM



#77
 Bromobenzene
 Concen: 52.663 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 156 Resp: 110693
 Ion Ratio Lower Upper
 156 100
 77 172.7 87.3 261.8
 158 96.2 48.5 145.6





#78

n-propylbenzene

Concen: 50.780 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 91 Resp: 487784

Ion Ratio Lower Upper

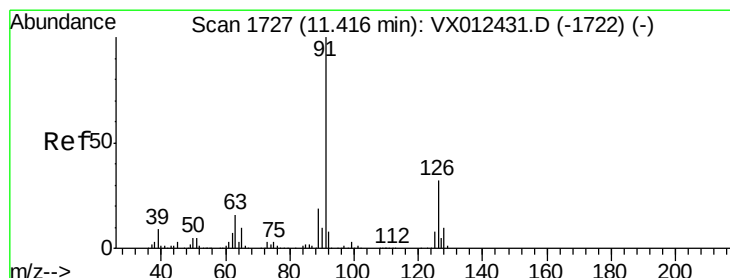
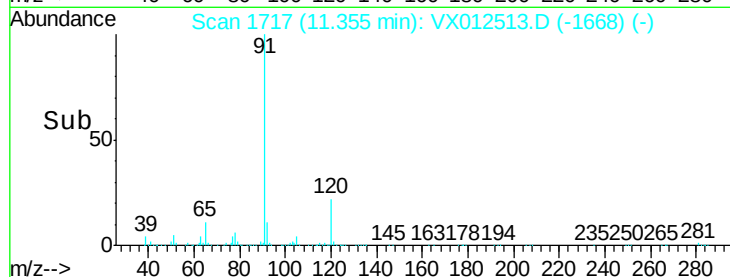
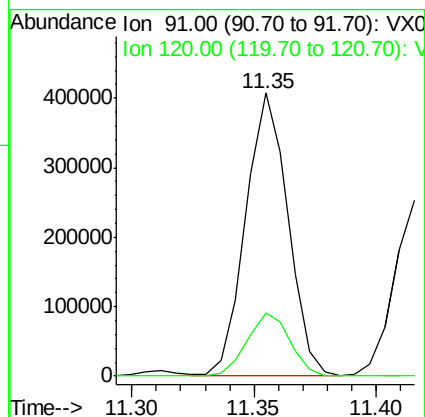
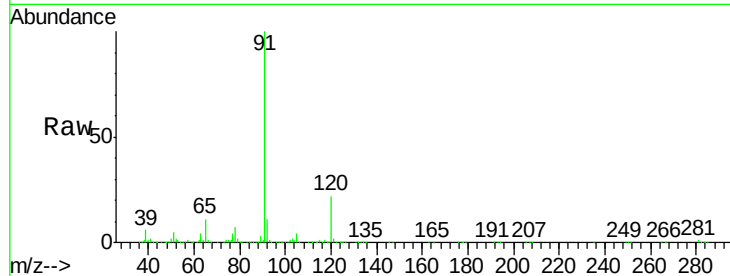
91 100

120 22.7 11.3 33.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 49.822 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012513.D

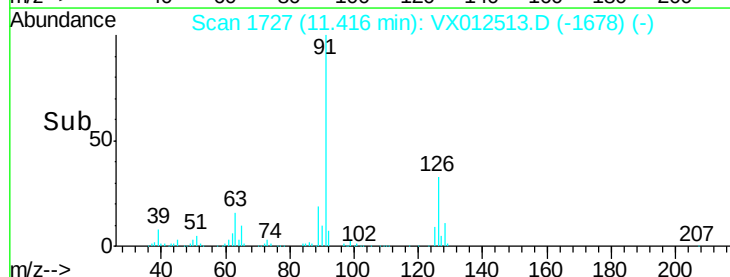
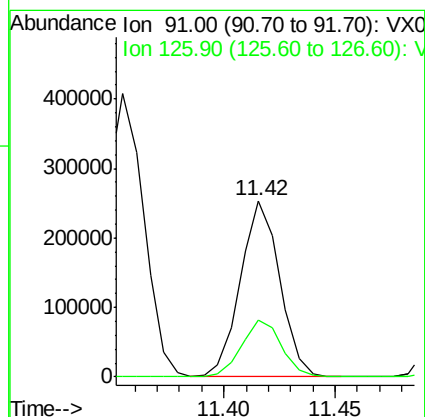
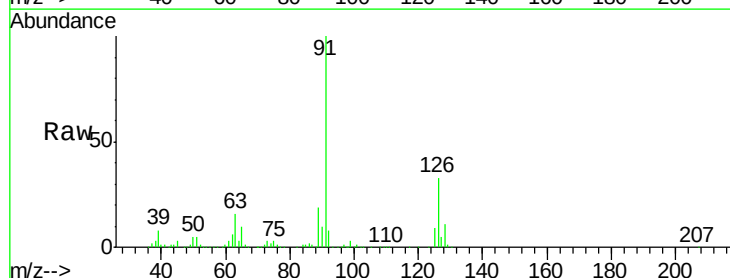
Acq: 19 Sep 2019 07:20

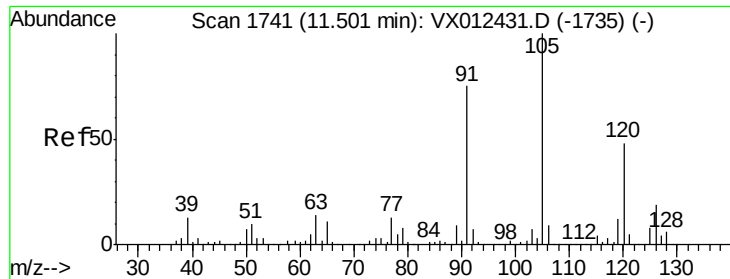
Tgt Ion: 91 Resp: 311341

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4





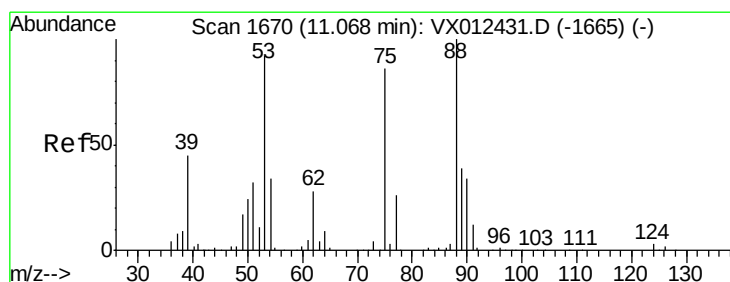
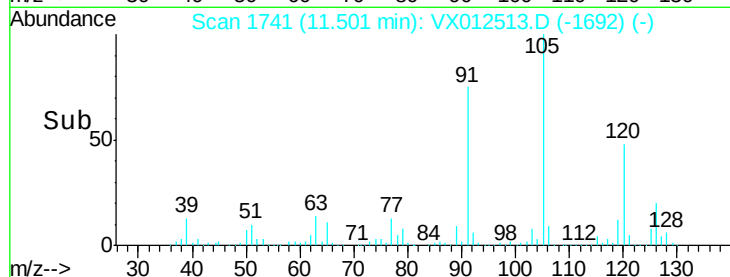
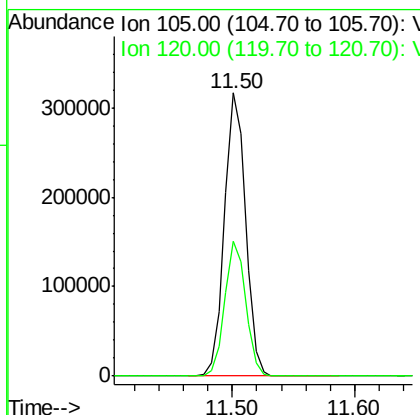
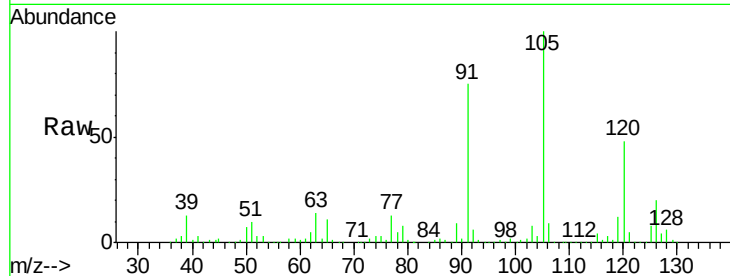
#80
 1,3,5-Trimethylbenzene
 Concen: 51.335 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion:105 Resp: 377330
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8

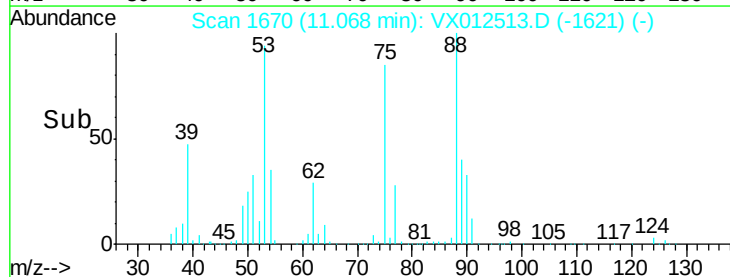
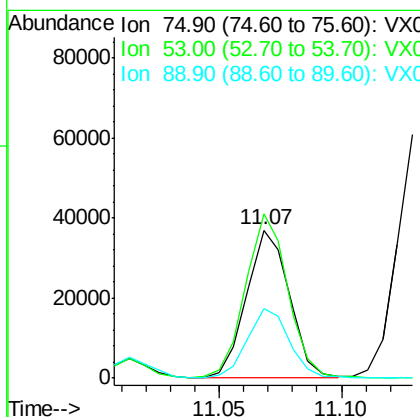
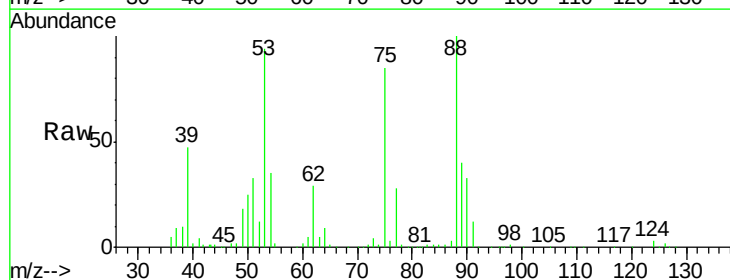
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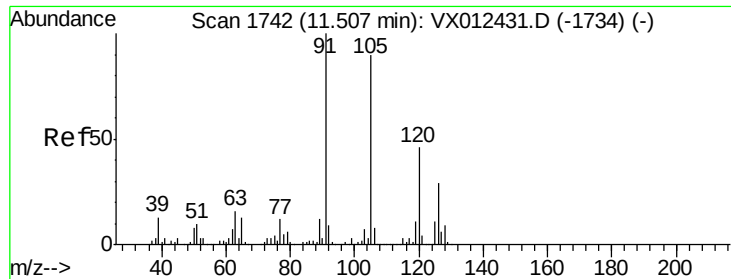
MMDadoda
 9/19/2019 1:07:25 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.443 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion: 75 Resp: 44532
 Ion Ratio Lower Upper
 75 100
 53 110.4 83.6 125.4
 89 46.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 50.416 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MS

Tot Ion: 91 Resp: 361589

Ion Ratio Lower Upper

91 100

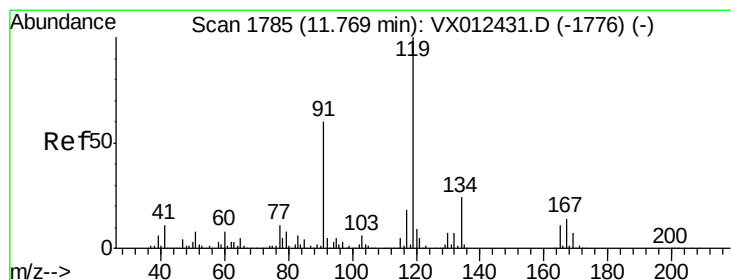
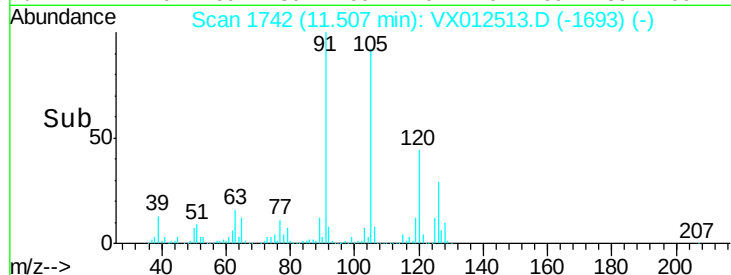
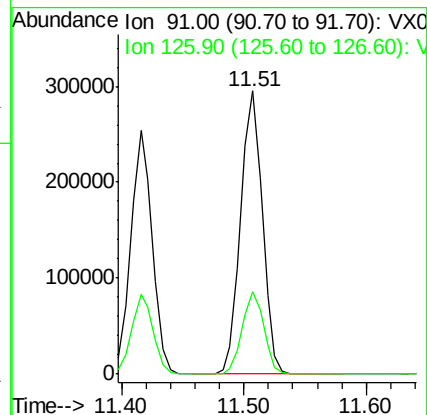
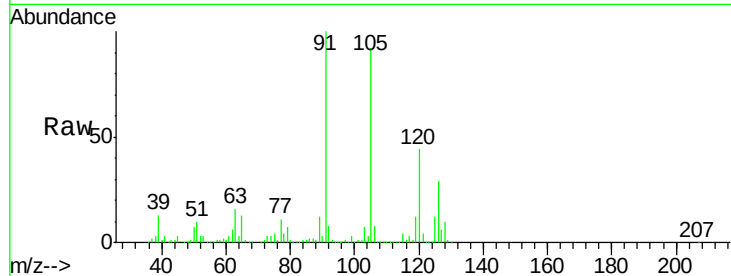
126 28.9 14.4 43.0

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.037 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

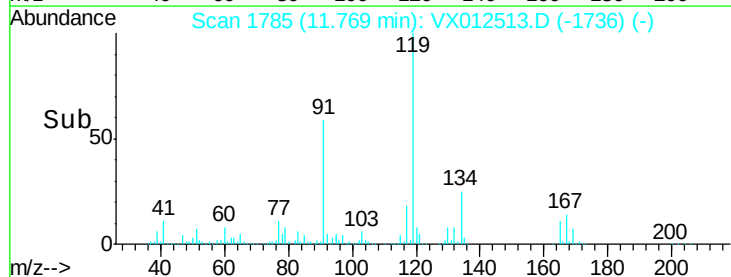
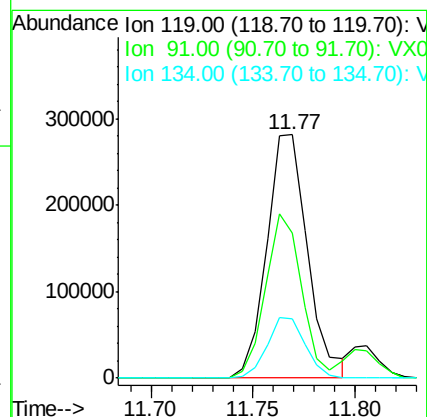
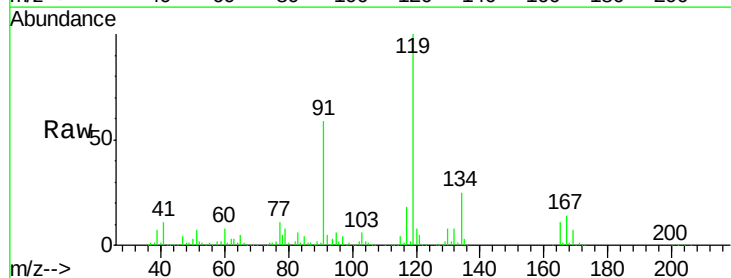
Tgt Ion: 119 Resp: 394097

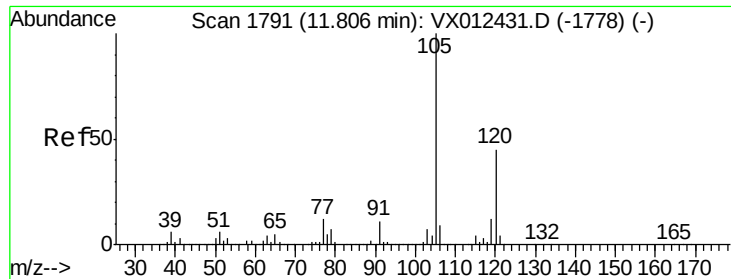
Ion Ratio Lower Upper

119 100

91 59.8 30.0 90.0

134 23.5 11.3 33.9





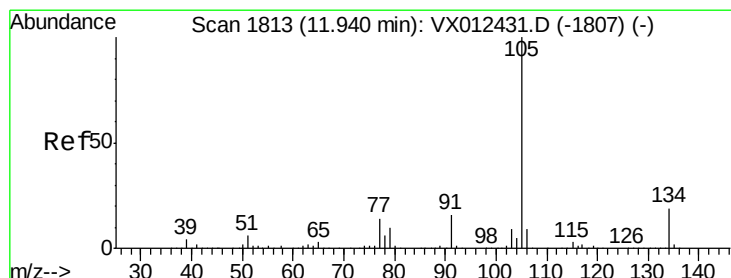
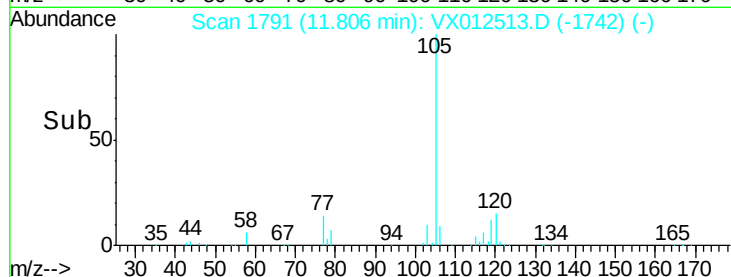
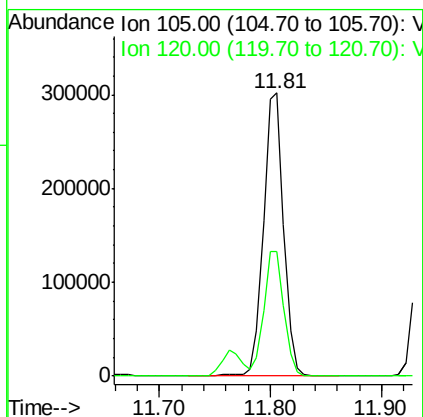
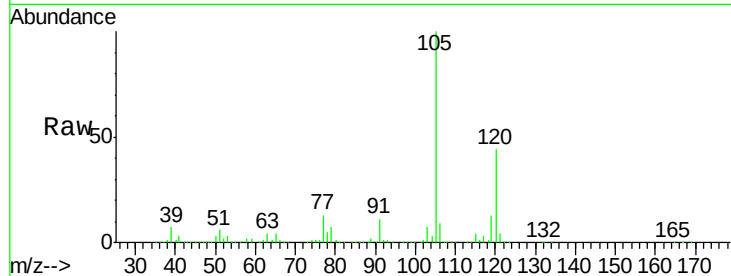
#84
 1,2,4-Trimethylbenzene
 Concen: 50.830 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion:105 Resp: 383613
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6

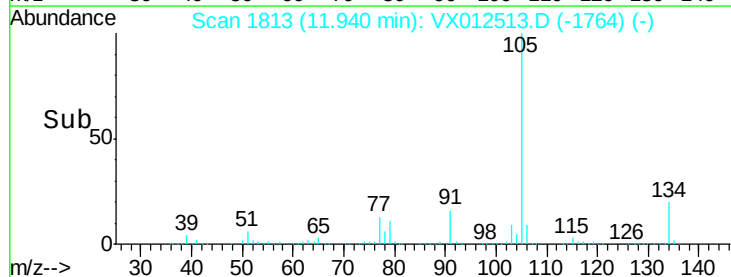
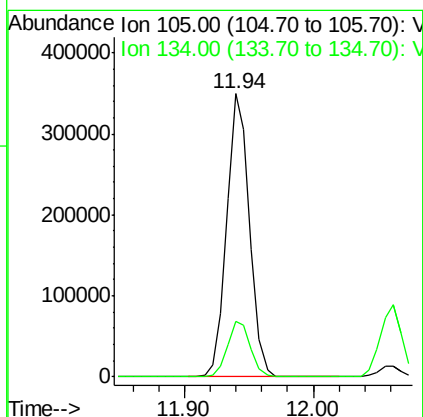
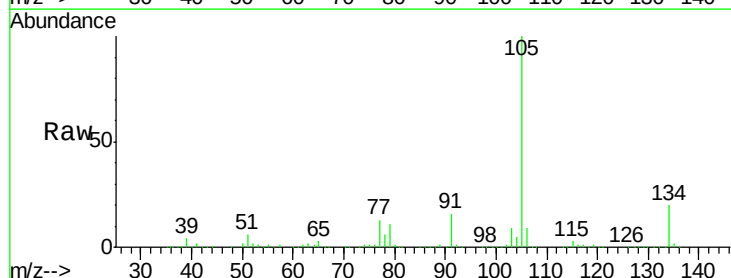
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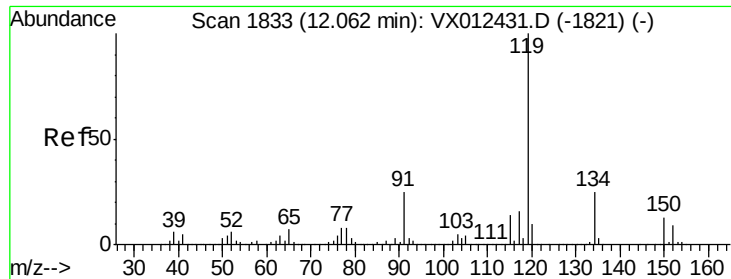
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion:105 Resp: 432537
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4





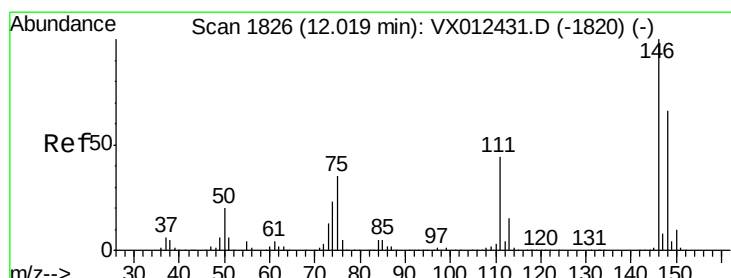
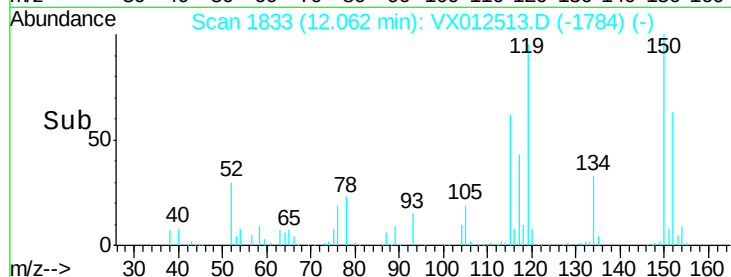
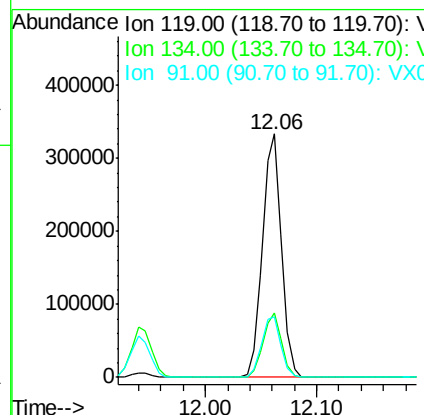
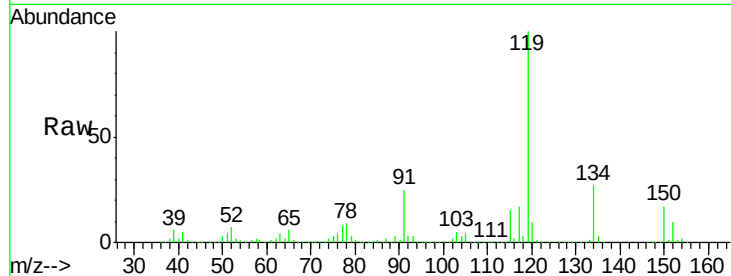
#86
 p-Isopropyltoluene
 Concen: 49.838 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	397183		
134	26.0	12.7	38.1	
91	25.3	12.8	38.4	

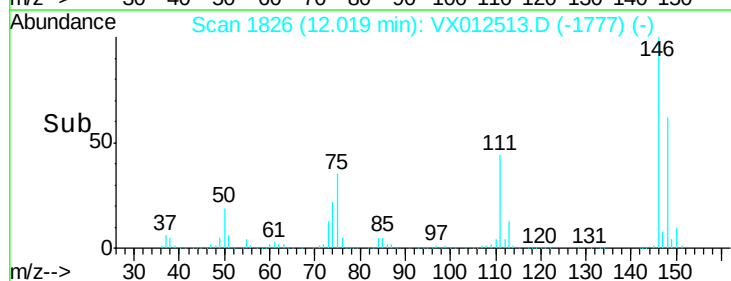
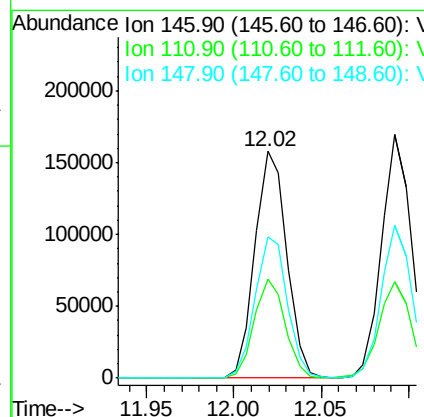
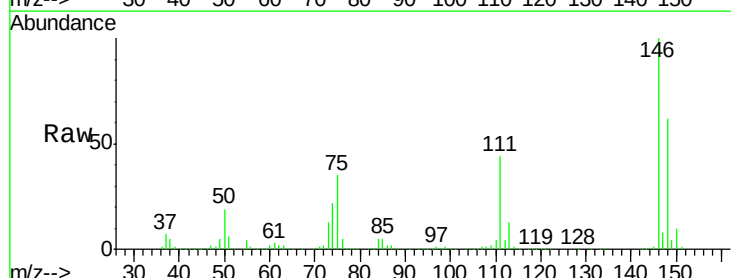
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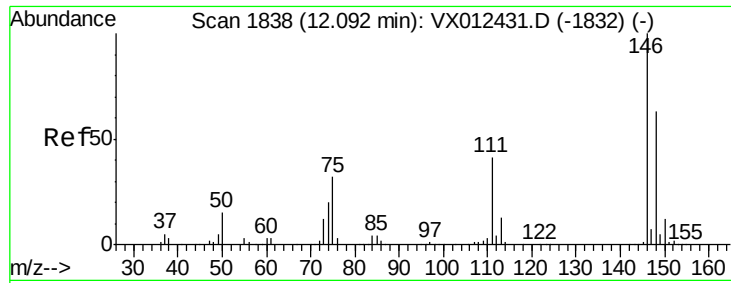
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#87
 1,3-Dichlorobenzene
 Concen: 50.748 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200652		
111	42.5	21.3	64.0	
148	63.0	32.4	97.2	





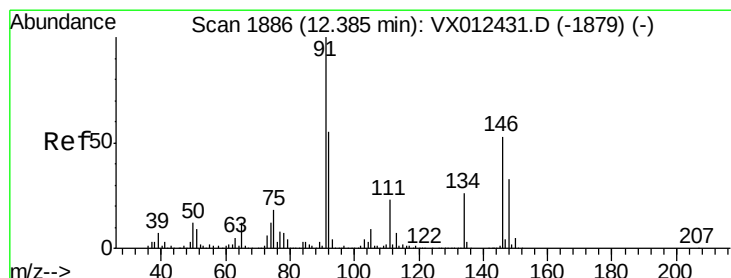
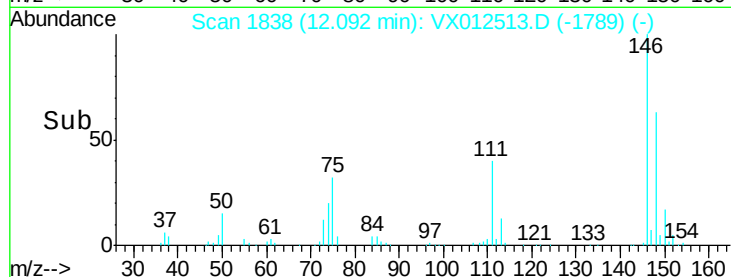
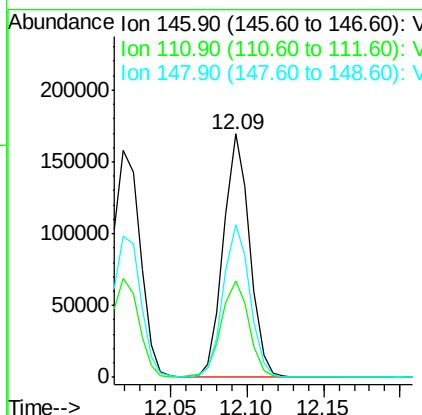
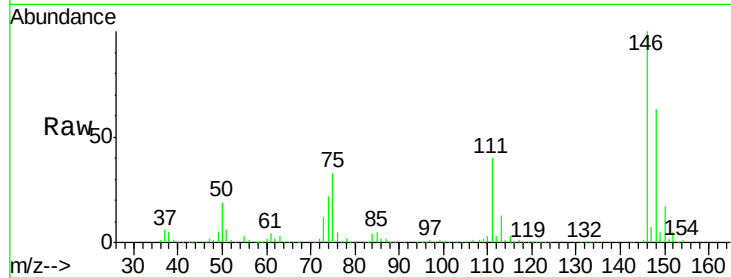
#88
 1,4-Dichlorobenzene
 Concen: 49.614 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	201508		
111	41.8		21.1	63.3
148	63.8		32.1	96.5

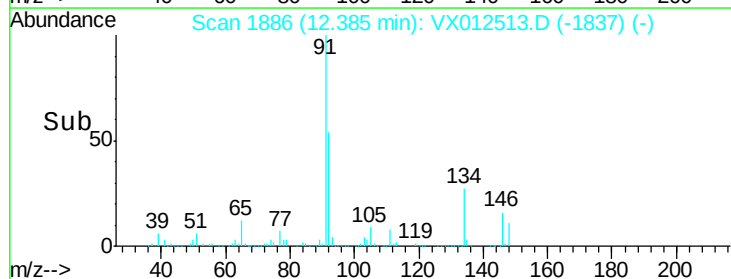
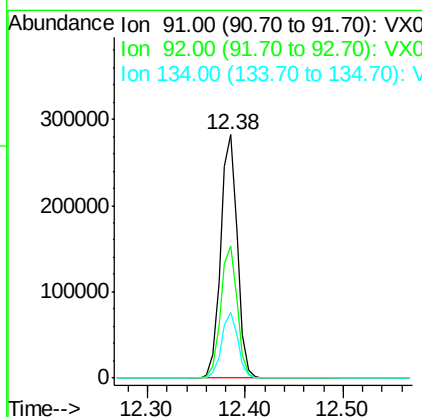
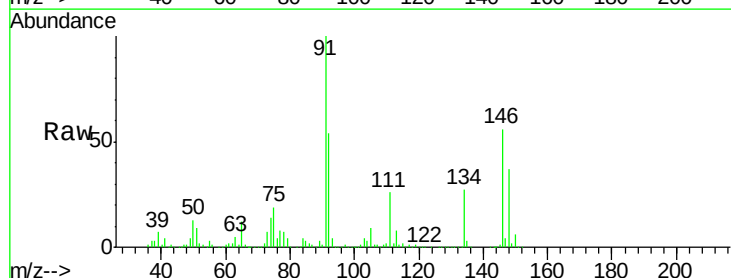
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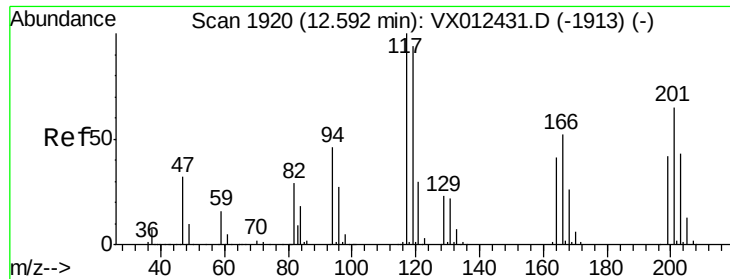
MMDadoda
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#89
 n-Butylbenzene
 Concen: 46.428 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	330137		
92	54.1		27.7	83.0
134	26.6		12.9	38.6





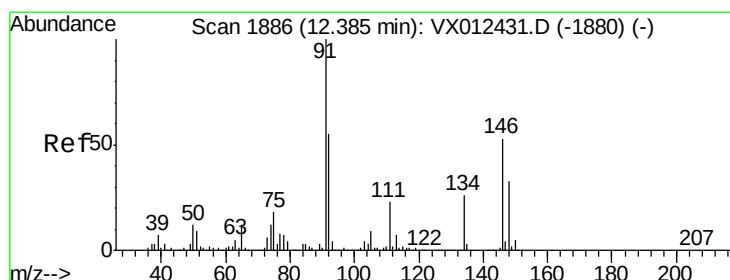
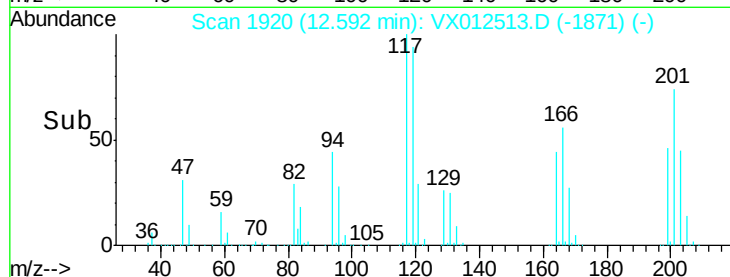
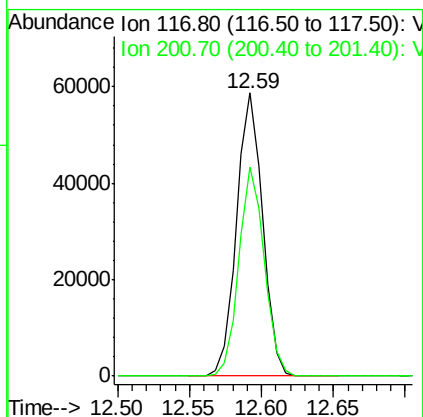
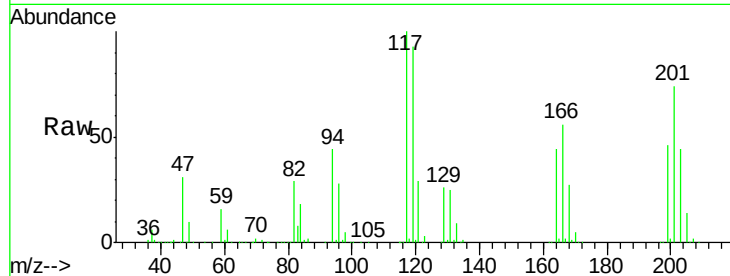
#90
Hexachloroethane
Concen: 50.722 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MS

Tot Ion:117 Resp: 74119
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8

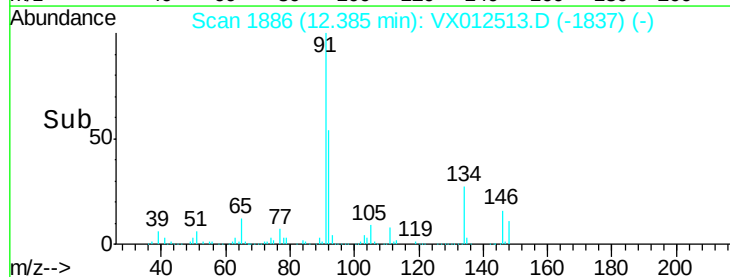
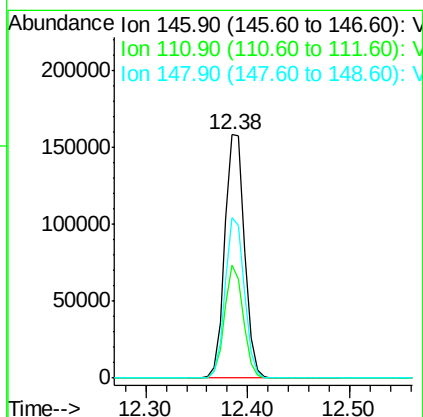
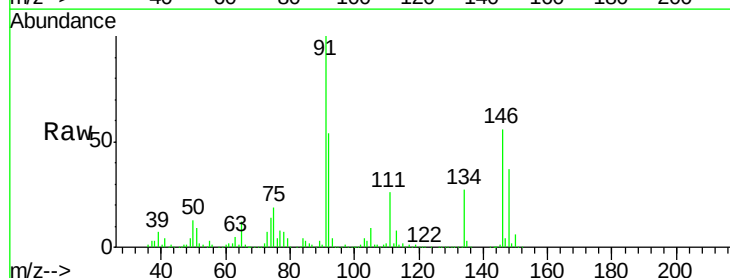
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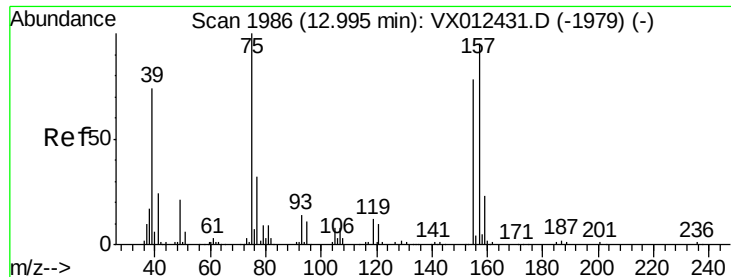
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 51.192 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012513.D
Acq: 19 Sep 2019 07:20

Tgt Ion:146 Resp: 211553
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 64.1 31.3 93.9





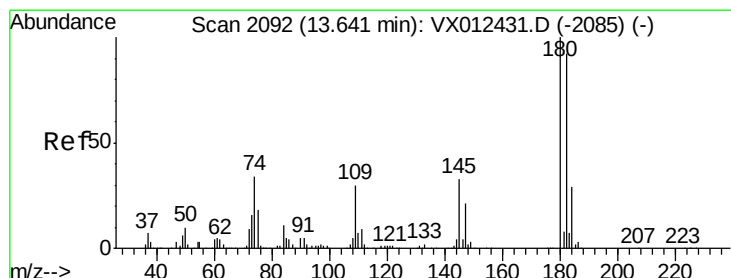
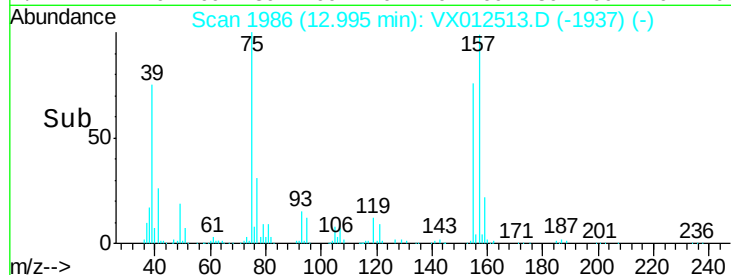
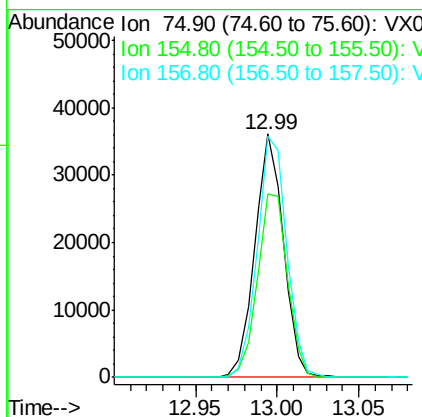
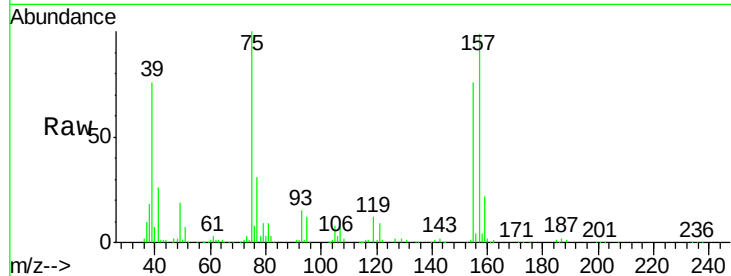
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.407 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.4	38.6	115.8
157	101.9	50.6	151.9

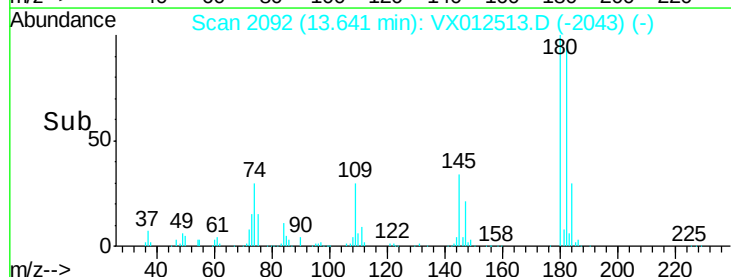
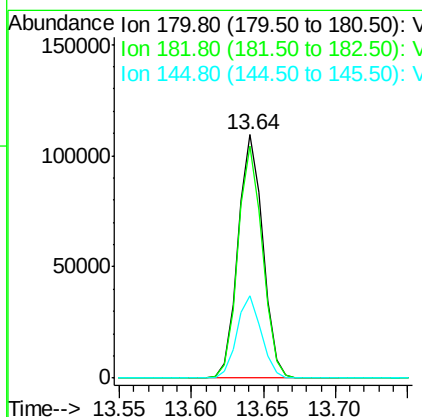
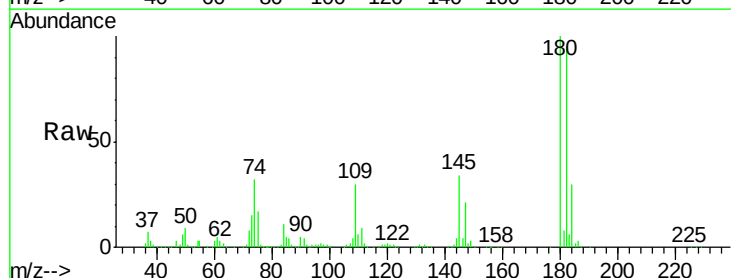
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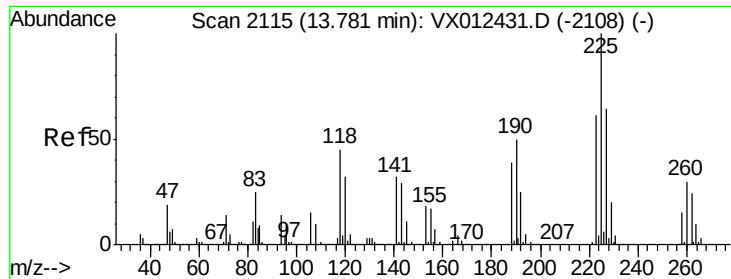
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#93
 1,2,4-Trichlorobenzene
 Concen: 49.226 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	33.6	16.8	50.4





#94

Hexachlorobutadiene

Concen: 43.818 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012513.D

Acq: 19 Sep 2019 07:20

Instrument :

MSVOA_X

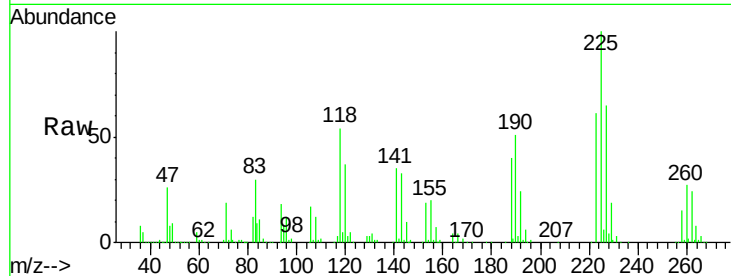
ClientSampleId :

RE122D2-20190909MS

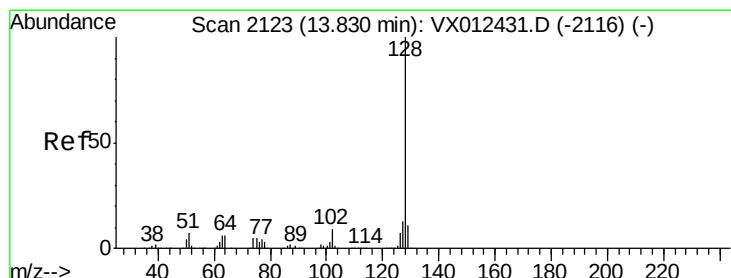
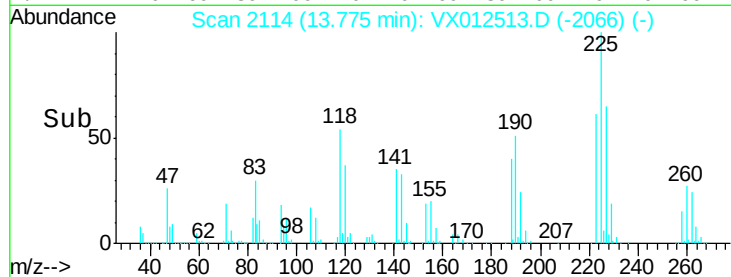
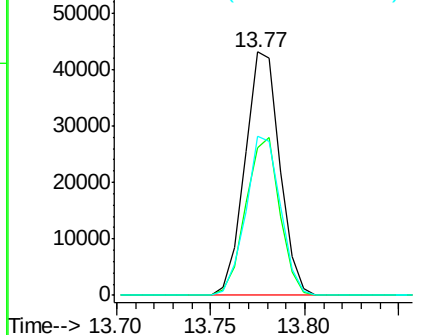
Tot Ion:	225	Resp:	54973
Ion Ratio	Lower	Upper	
225	100		
223	63.5	32.0	96.2
227	65.2	31.9	95.5

Manual Integrations
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.210 ug/l

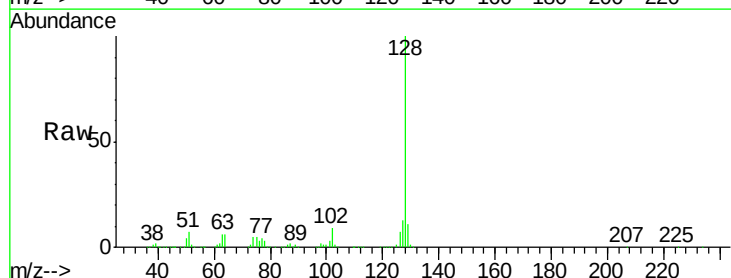
RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

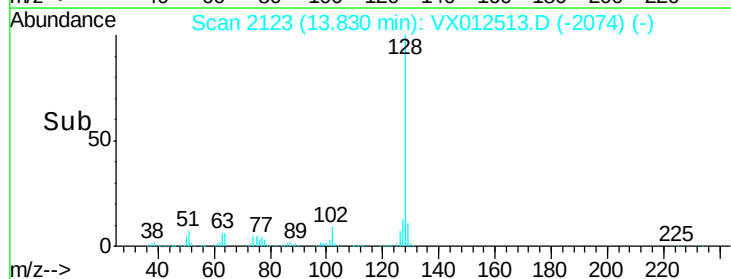
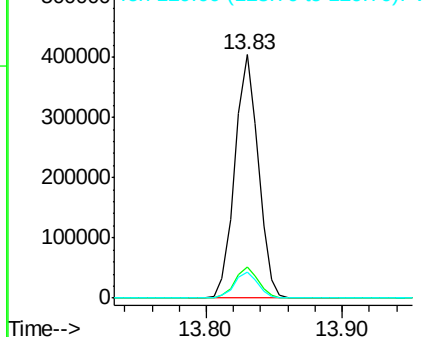
Lab File: VX012513.D

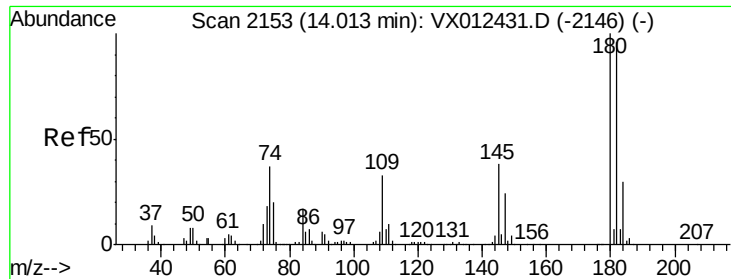
Acq: 19 Sep 2019 07:20

Tgt Ion:	128	Resp:	485030
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.225 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012513.D
 Acq: 19 Sep 2019 07:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	47.1	141.3
145	35.5	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:25 PM

