

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019836.D
 Acq On : 10 Dec 2020 19:23
 Operator : JC/MD
 Sample : L4996-24MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Quant Time: Dec 11 00:53:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195081	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	161686	47.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.62%	
35) Dibromofluoromethane		5.46	113	131619	47.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.58%	
50) Toluene-d8		8.70	98	505453	48.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.14%	
62) 4-Bromofluorobenzene		11.12	95	191739	47.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	119459	50.177	ug/l	99
3) Chloromethane	1.31	50	130971	46.777	ug/l	99
4) Vinyl Chloride	1.39	62	150995	51.145	ug/l	99
5) Bromomethane	1.62	94	44903	45.806	ug/l	96
6) Chloroethane	1.70	64	97555	55.008	ug/l	100
7) Trichlorofluoromethane	1.91	101	213412	51.906	ug/l	97
8) Diethyl Ether	2.17	74	89747	51.510	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	149436	63.410	ug/l	99
10) Methyl Iodide	2.49	142	162297	46.722	ug/l	99
11) Tert butyl alcohol	3.01	59	176822	251.677	ug/l	99
12) 1,1-Dichloroethene	2.36	96	128625	53.987	ug/l	99
13) Acrolein	2.27	56	84760	224.680	ug/l	98
14) Allyl chloride	2.70	41	206149	51.231	ug/l	98
15) Acrylonitrile	3.11	53	416301	269.443	ug/l	100
16) Acetone	2.42	43	326769	254.370	ug/l	99
17) Carbon Disulfide	2.55	76	315519	46.154	ug/l	100
18) Methyl Acetate	2.75	43	167854	53.396	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	463033	53.365	ug/l	100
20) Methylene Chloride	2.83	84	154262	52.676	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142257	51.214	ug/l	99
22) Diisopropyl ether	3.82	45	440585	54.155	ug/l	92
23) Vinyl Acetate	3.78	43	1770389	255.421	ug/l	100
24) 1,1-Dichloroethane	3.67	63	261637	53.329	ug/l	99
25) 2-Butanone	4.63	43	535171	271.116	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191467	45.318	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	180127	55.413	ug/l	98
28) Bromochloromethane	4.98	49	113528	48.542	ug/l	99
29) Tetrahydrofuran	5.09	42	345643	271.776	ug/l	99
30) Chloroform	5.17	83	270317	53.586	ug/l	100
31) Cyclohexane	5.55	56	220247	51.807	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	230928	53.157	ug/l	100
36) 1,1-Dichloropropene	5.76	75	192912	50.095	ug/l	100
37) Ethyl Acetate	4.79	43	193948	49.882	ug/l	99
38) Carbon Tetrachloride	5.75	117	195252	51.777	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227931	50.378	ug/l	99
40) Benzene	6.11	78	604526	51.390	ug/l	99
41) Methacrylonitrile	5.00	41	113469	53.153	ug/l	99
42) 1,2-Dichloroethane	6.16	62	210313	52.327	ug/l	100
43) Isopropyl Acetate	6.41	43	318256	50.346	ug/l	99
44) Trichloroethene	7.18	130	210390	68.166	ug/l	98
45) 1,2-Dichloropropane	7.49	63	165829	56.404	ug/l	97
46) Dibromomethane	7.63	93	103743	52.252	ug/l	99
47) Bromodichloromethane	7.87	83	207543	52.680	ug/l	100
48) Methyl methacrylate	7.74	41	164189	52.812	ug/l	98
49) 1,4-Dioxane	7.71	88	79809	1059.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1043059	270.266	ug/l	100
52) Toluene	8.76	92	379334	51.559	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	222857	50.975	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	241052	50.752	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	157436	53.100	ug/l	99
56) Ethyl methacrylate	9.16	69	239623	53.418	ug/l	99
57) 1,3-Dichloropropane	9.35	76	266378	52.617	ug/l	99
59) 2-Hexanone	9.47	43	799435	267.232	ug/l	99
60) Dibromochloromethane	9.56	129	159158	52.836	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164435	52.229	ug/l	99
64) Tetrachloroethene	9.32	164	194083	73.104	ug/l	97
65) Chlorobenzene	10.12	112	399734	50.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149778	52.761	ug/l	99
67) Ethyl Benzene	10.23	91	720902	51.493	ug/l	100
68) m/p-Xylenes	10.34	106	544804	103.272	ug/l	100
69) o-Xylene	10.68	106	263402	51.905	ug/l	98
70) Styrene	10.70	104	445608	52.024	ug/l	100
71) Bromoform	10.84	173	115052	51.518	ug/l #	98
73) Isopropylbenzene	11.00	105	703682	52.798	ug/l	100
74) N-amyl acetate	10.88	43	263059	49.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253167	53.878	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	285702	65.298	ug/l	88
77) Bromobenzene	11.24	156	175797	51.542	ug/l	99
78) n-propylbenzene	11.34	91	798905	52.482	ug/l	100
79) 2-Chlorotoluene	11.40	91	486017	51.846	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595575	52.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	77741	51.364	ug/l	99
82) 4-Chlorotoluene	11.49	91	565590	51.516	ug/l	100
83) tert-Butylbenzene	11.76	119	581846	52.742	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	604614	53.361	ug/l	99
85) sec-Butylbenzene	11.93	105	660415	52.434	ug/l	100
86) p-Isopropyltoluene	12.05	119	613762	53.170	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	313551	50.088	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	311823	48.906	ug/l	98
89) n-Butylbenzene	12.37	91	524756	51.311	ug/l	99
90) Hexachloroethane	12.58	117	103777	52.074	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	316637	51.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55574	55.016	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	206527	51.991	ug/l	98

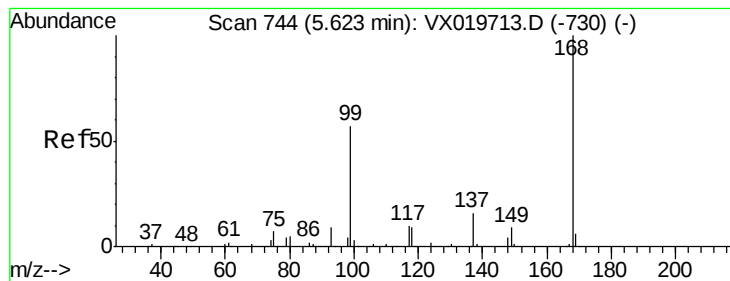
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	89639	50.487	ug/l	97
95) Naphthalene	13.82	128	699480	54.314	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210644	54.259	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

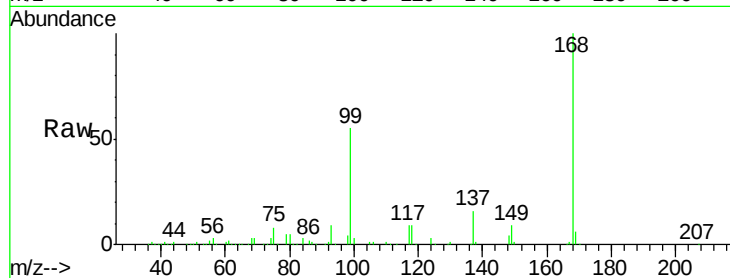
RE135D3-20201208MSD

Tgt Ion:168 Resp: 260040

Ion Ratio Lower Upper

168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

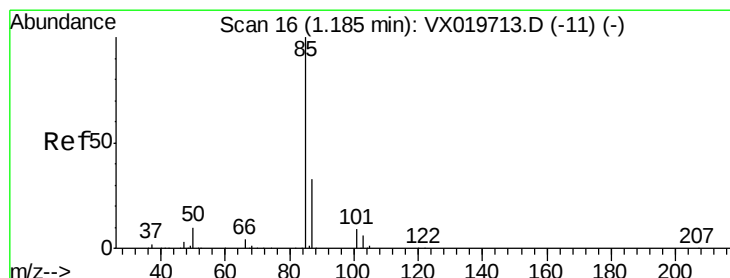
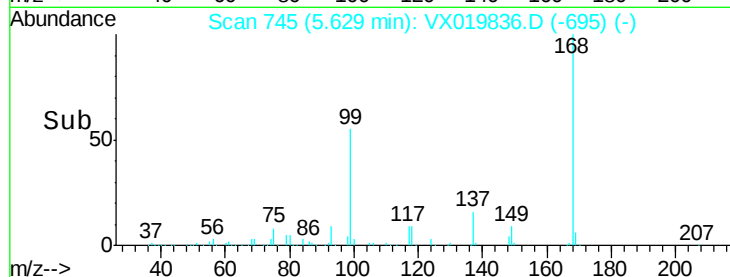
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.177 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019836.D

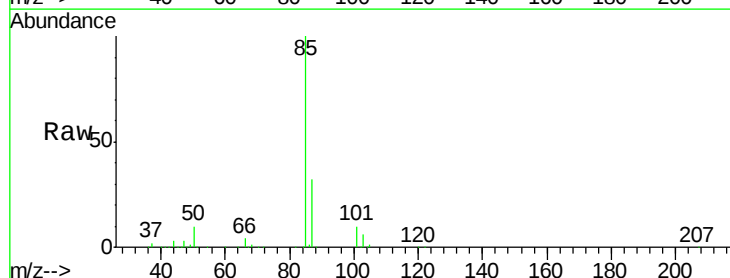
Acq: 10 Dec 2020 19:23

Tgt Ion: 85 Resp: 119459

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

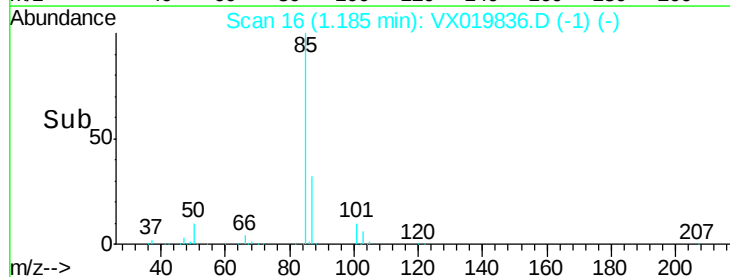
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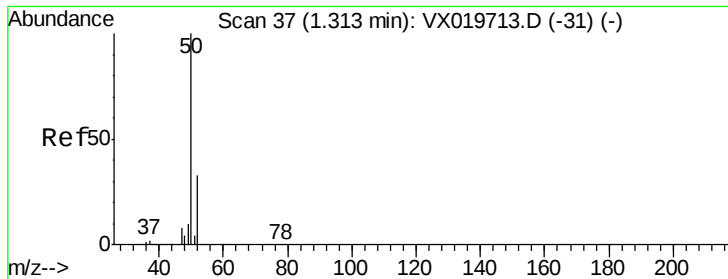
100000

50000

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Time-->





#3

Chloromethane

Concen: 46.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

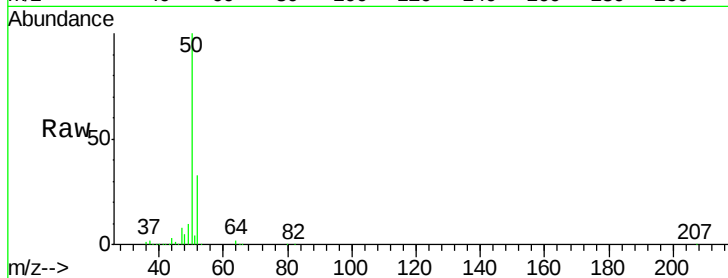
RE135D3-20201208MSD

Tgt Ion: 50 Resp: 130971

Ion Ratio Lower Upper

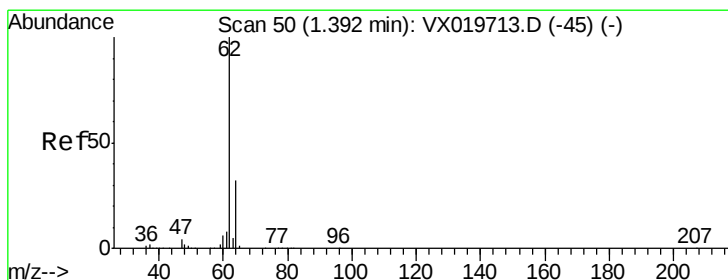
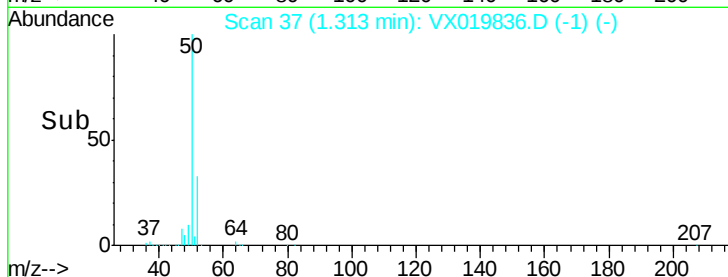
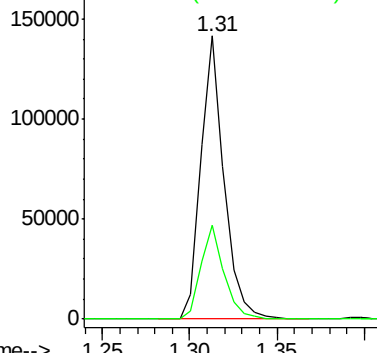
50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.145 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019836.D

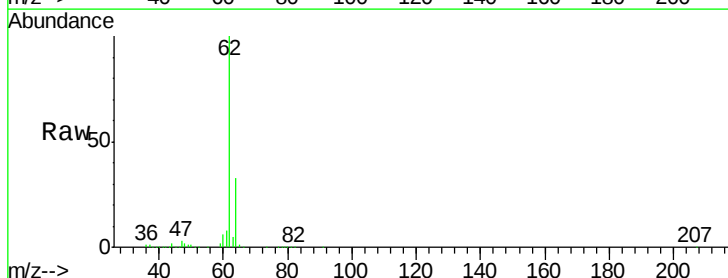
Acq: 10 Dec 2020 19:23

Tgt Ion: 62 Resp: 150995

Ion Ratio Lower Upper

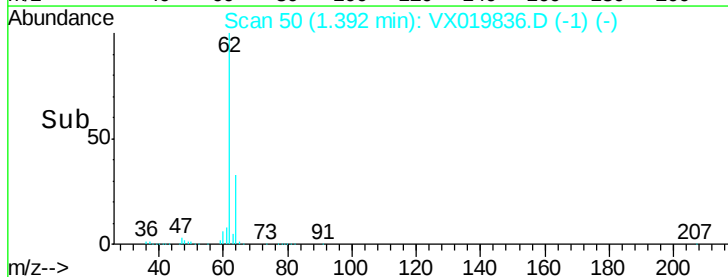
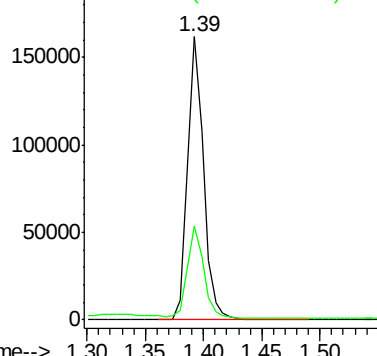
62 100

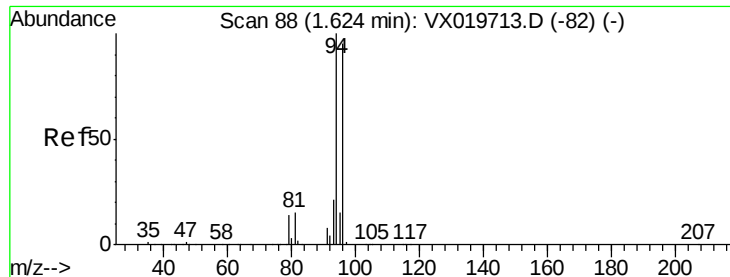
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.806 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

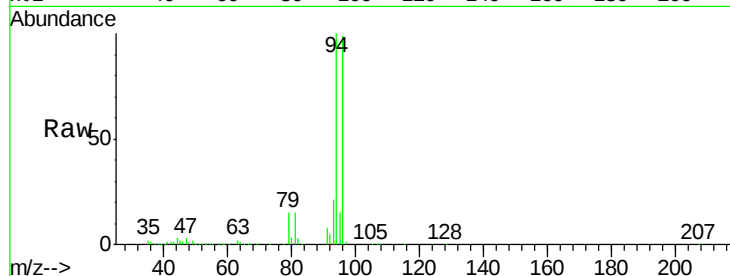
RE135D3-20201208MSD

Tgt Ion: 94 Resp: 44903

Ion Ratio Lower Upper

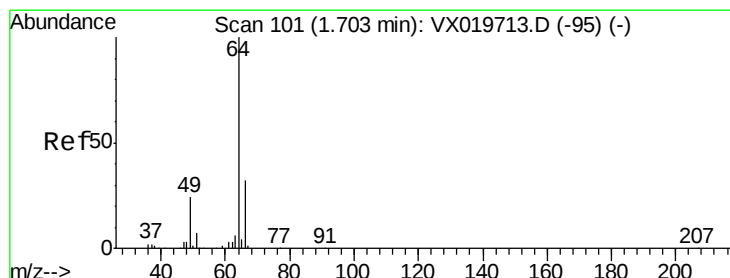
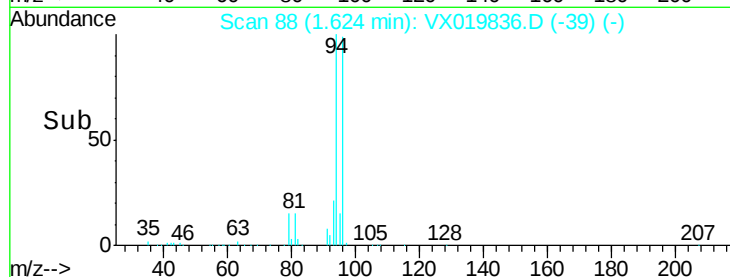
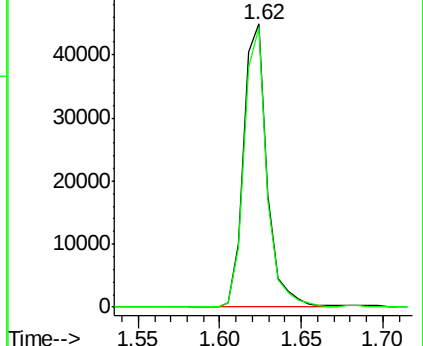
94 100

96 98.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.008 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019836.D

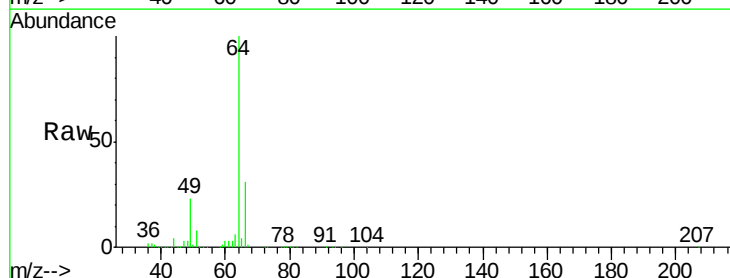
Acq: 10 Dec 2020 19:23

Tgt Ion: 64 Resp: 97555

Ion Ratio Lower Upper

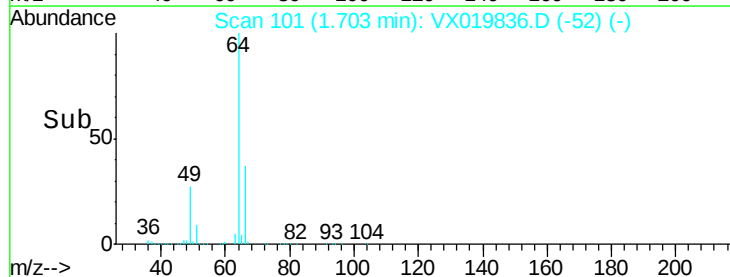
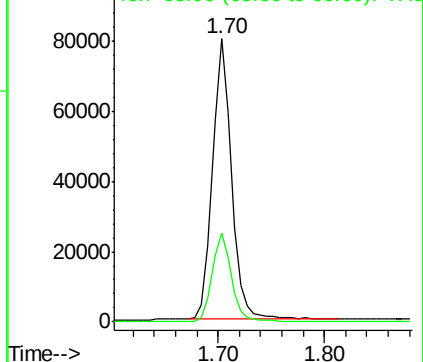
64 100

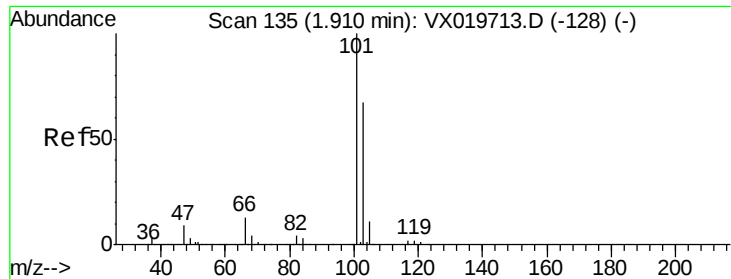
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



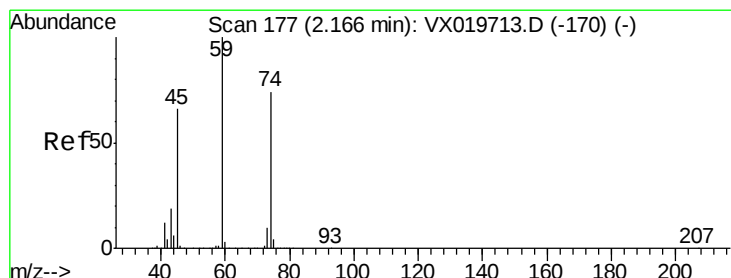
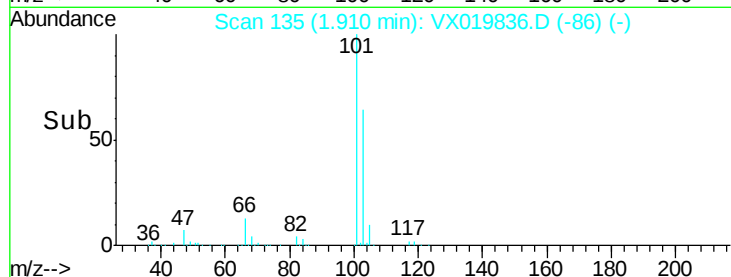
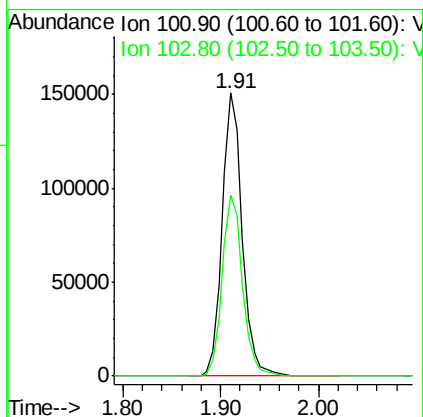
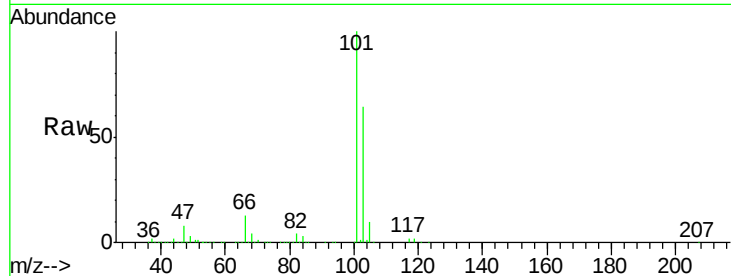


#7

Trichlorofluoromethane
 Concen: 51.906 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

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 RE135D3-20201208MSD

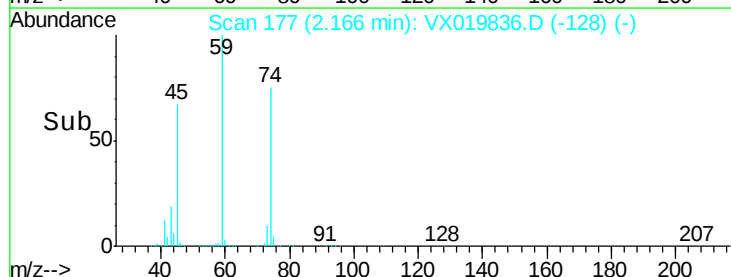
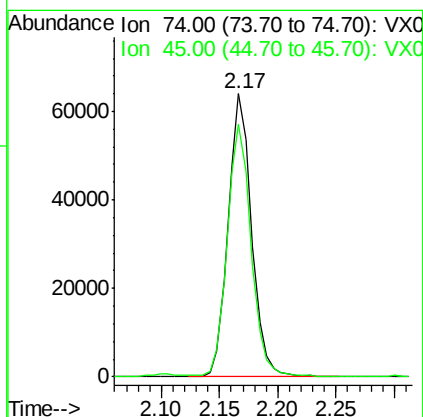
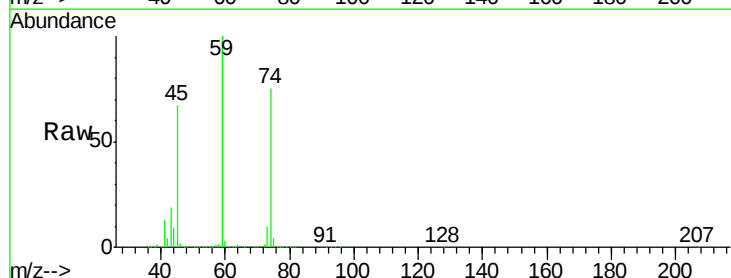
Tgt Ion:101 Resp: 213412
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.2 79.8

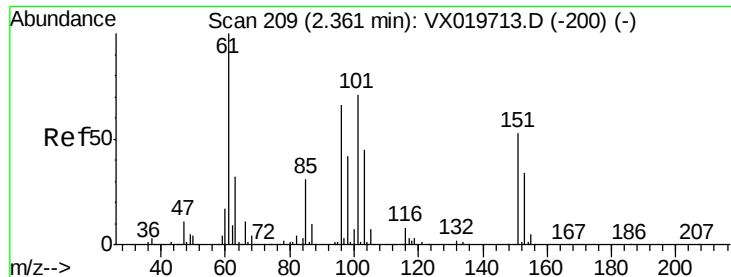


#8

Diethyl Ether
 Concen: 51.510 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 74 Resp: 89747
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.410 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

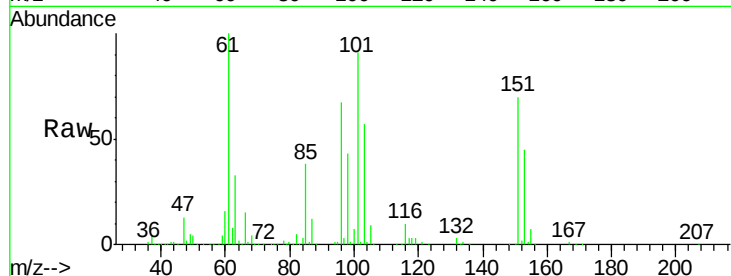
Tgt Ion:101 Resp: 149436

Ion Ratio Lower Upper

101 100

85 42.3 34.9 52.3

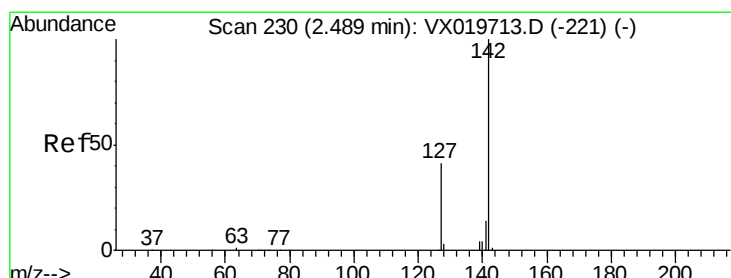
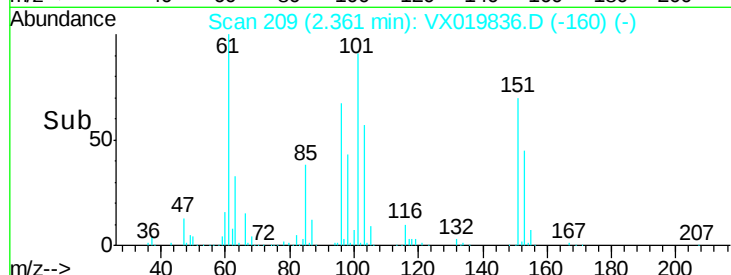
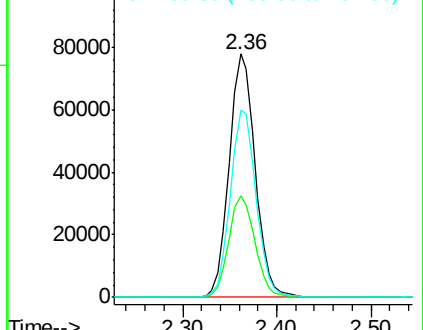
151 76.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.722 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

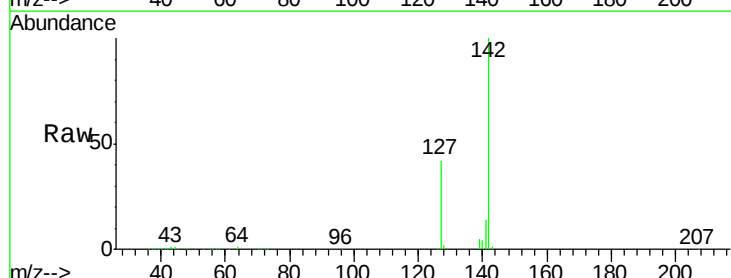
Tgt Ion:142 Resp: 162297

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

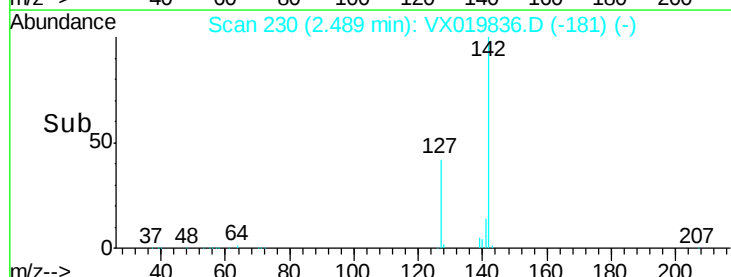
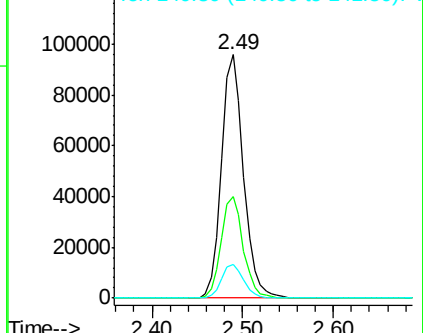
141 14.0 11.4 17.0

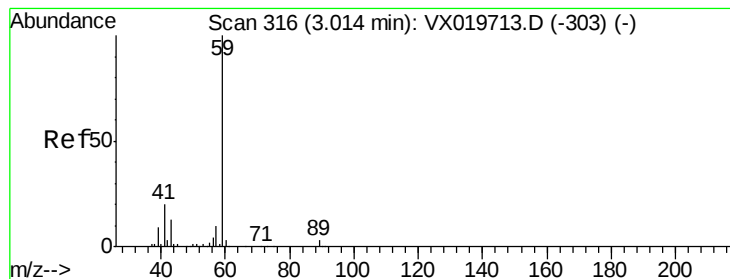


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



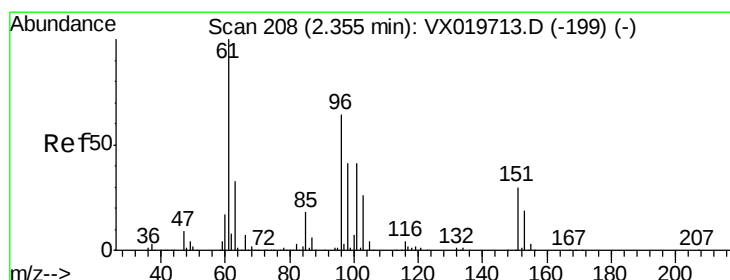
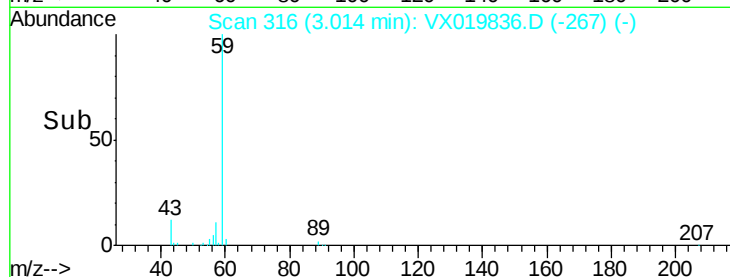
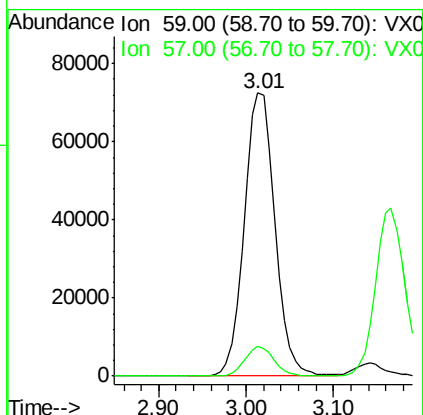
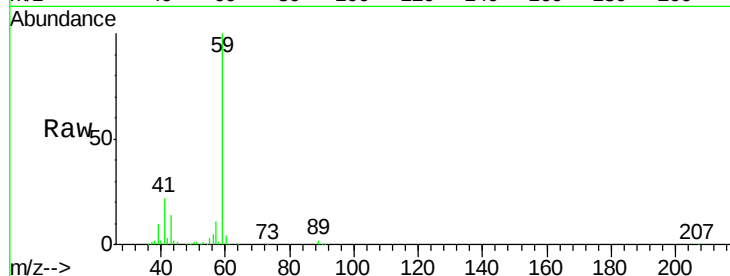


#11

Tert butyl alcohol
Concen: 251.677 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

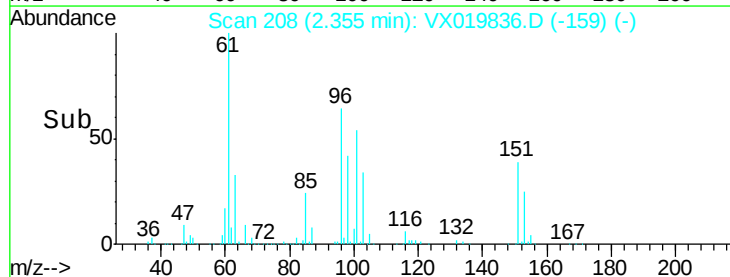
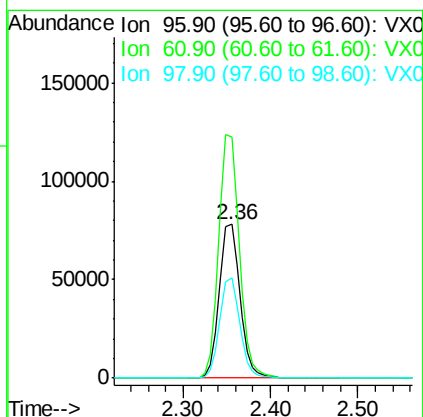
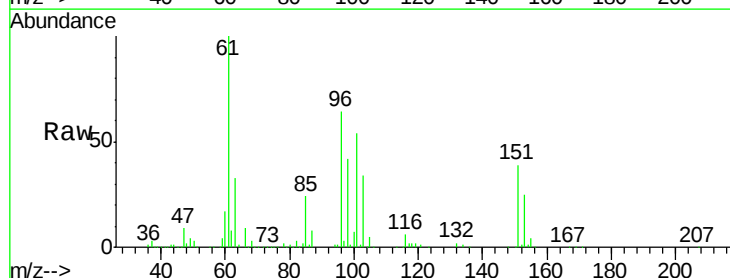
Tgt Ion: 59 Resp: 176822
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

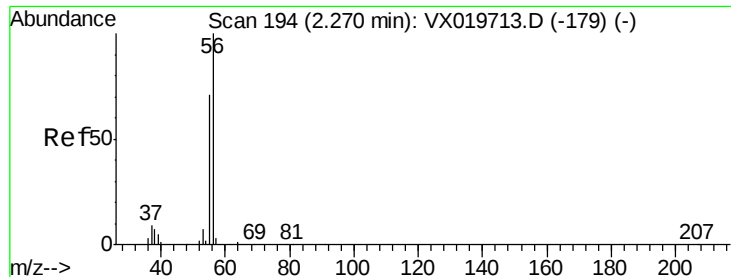


#12

1,1-Dichloroethene
Concen: 53.987 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 96 Resp: 128625
Ion Ratio Lower Upper
96 100
61 156.8 124.6 187.0
98 65.5 50.6 76.0





#13

Acrolein

Concen: 224.680 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

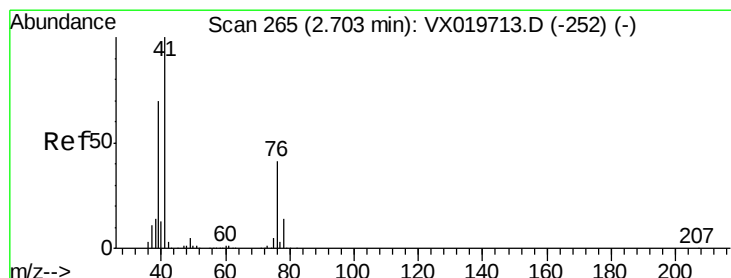
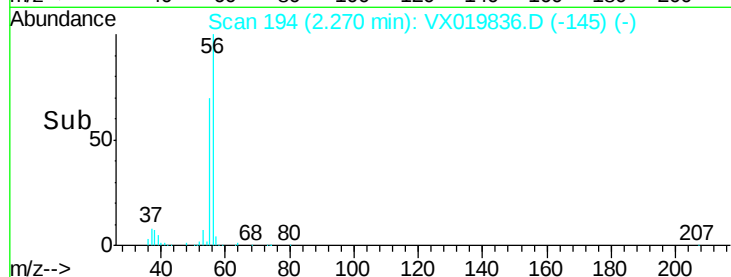
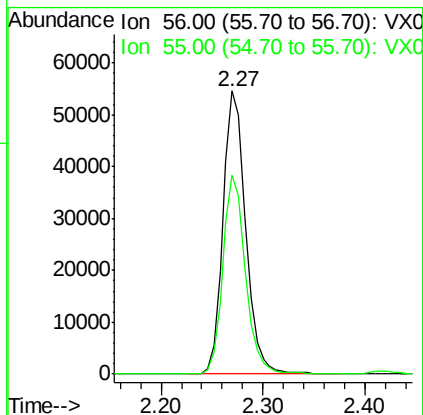
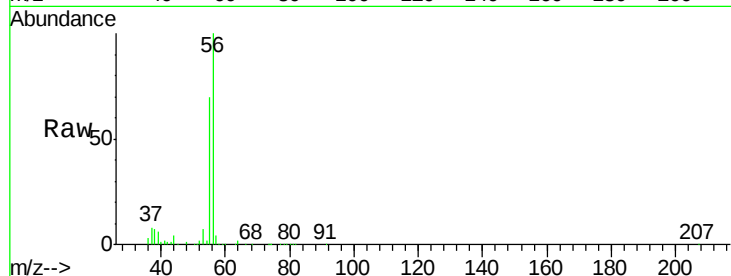
RE135D3-20201208MSD

Tgt Ion: 56 Resp: 84760

Ion Ratio Lower Upper

56 100

55 69.1 56.4 84.6



#14

Allyl chloride

Concen: 51.231 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

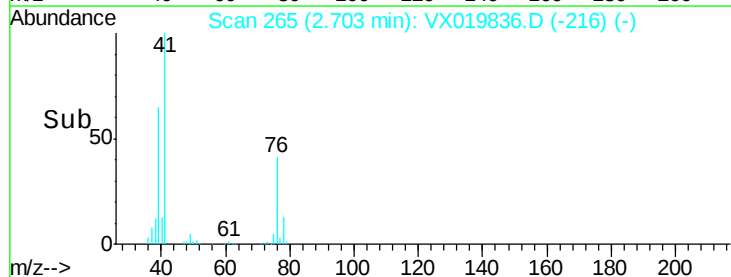
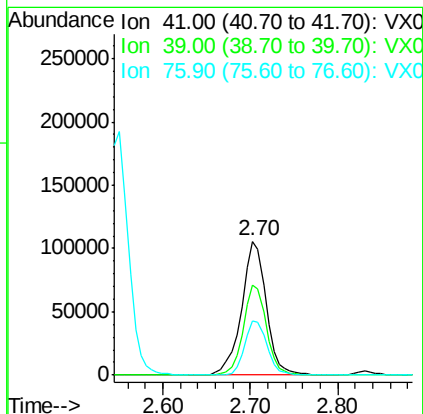
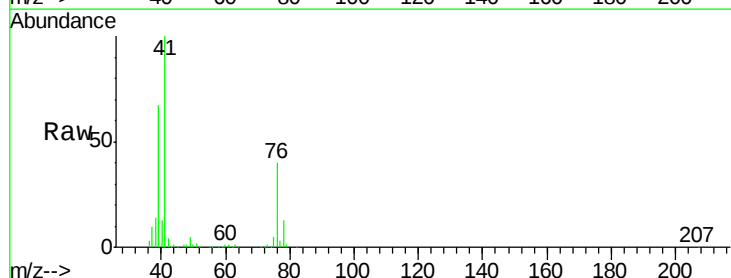
Tgt Ion: 41 Resp: 206149

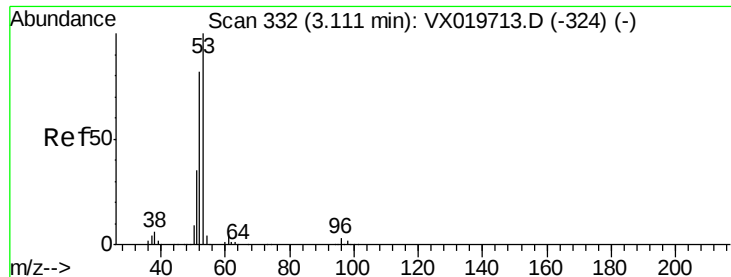
Ion Ratio Lower Upper

41 100

39 62.9 51.6 77.4

76 36.9 30.5 45.7





#15

Acrylonitrile

Concen: 269.443 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

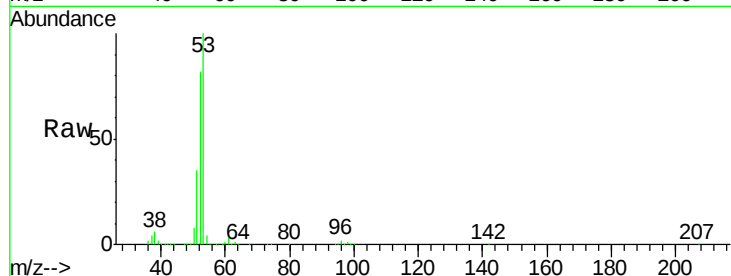
Tgt Ion: 53 Resp: 416301

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

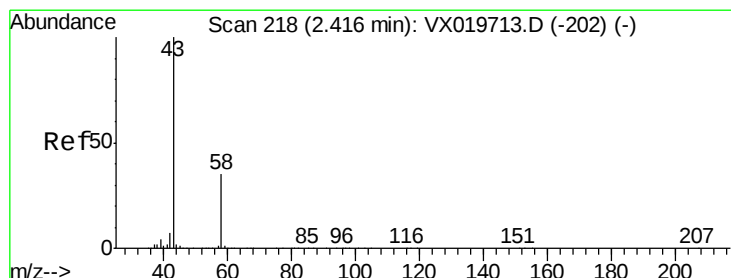
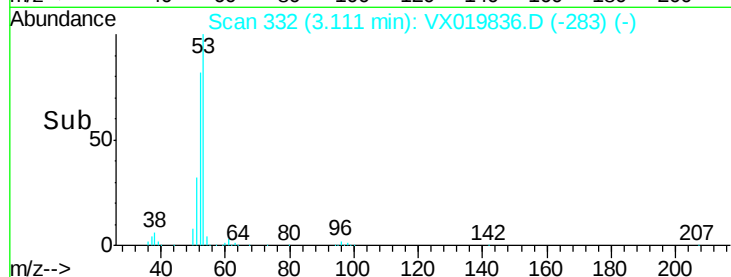
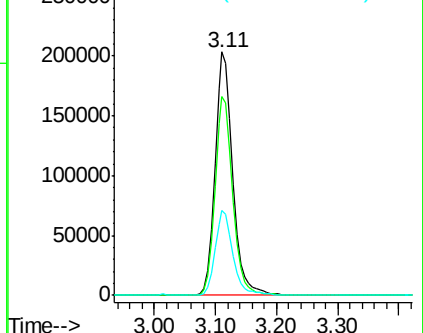
51 35.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.370 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019836.D

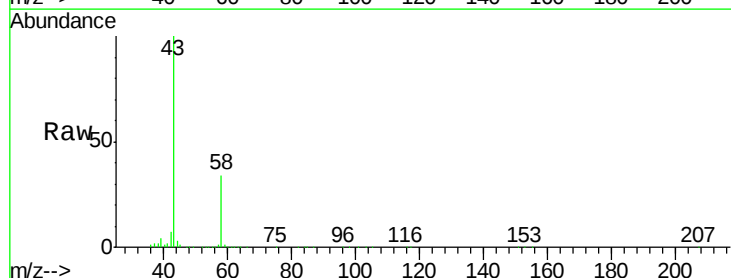
Acq: 10 Dec 2020 19:23

Tgt Ion: 43 Resp: 326769

Ion Ratio Lower Upper

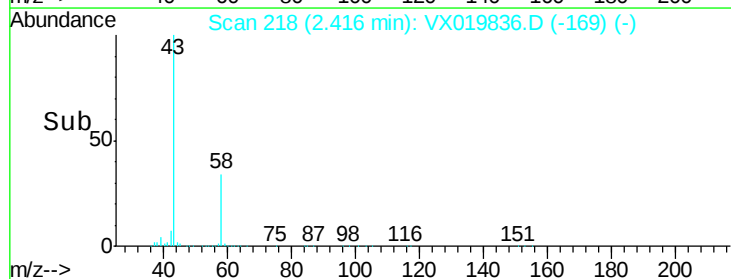
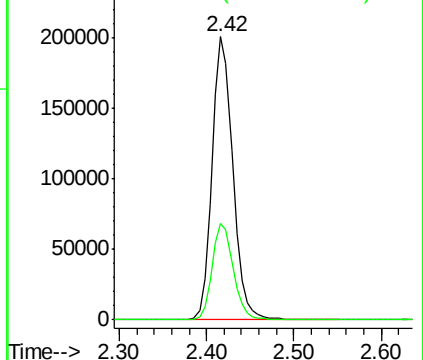
43 100

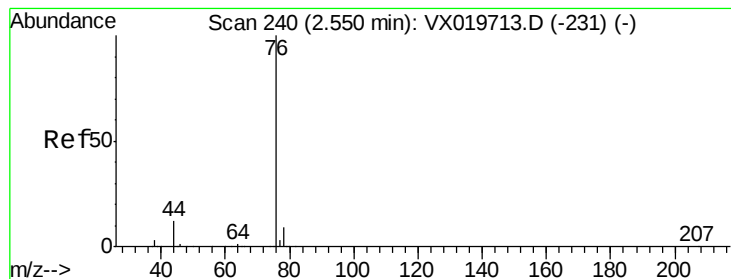
58 34.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.154 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

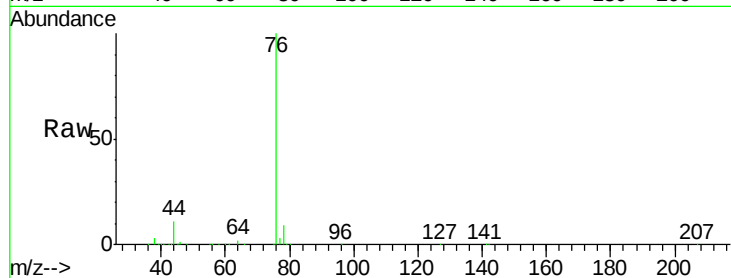
RE135D3-20201208MSD

Tgt Ion: 76 Resp: 315519

Ion Ratio Lower Upper

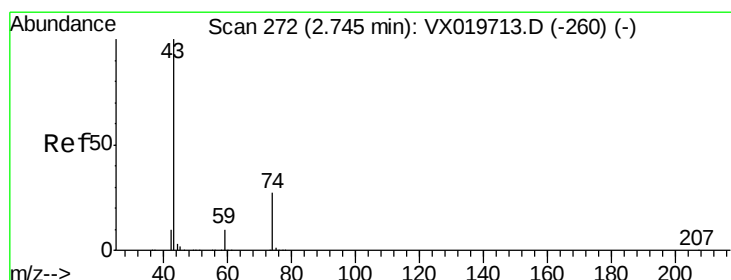
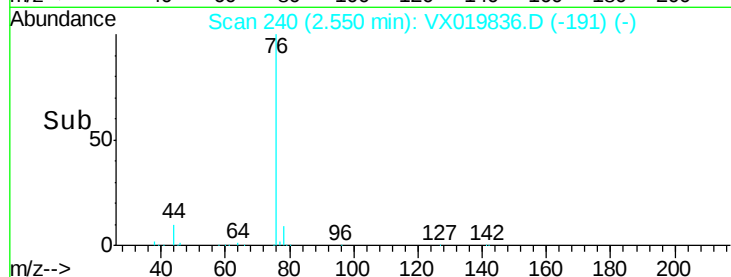
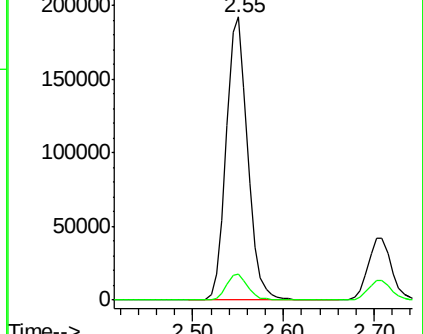
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.396 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019836.D

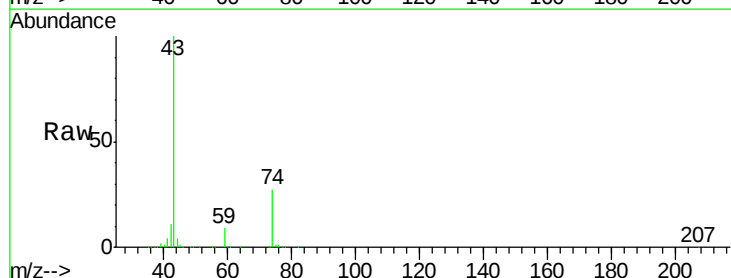
Acq: 10 Dec 2020 19:23

Tgt Ion: 43 Resp: 167854

Ion Ratio Lower Upper

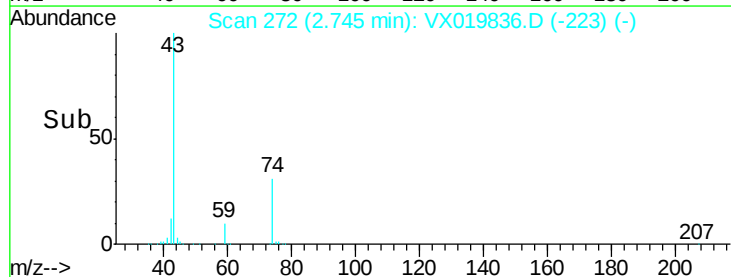
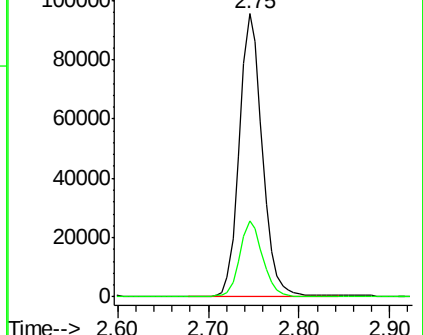
43 100

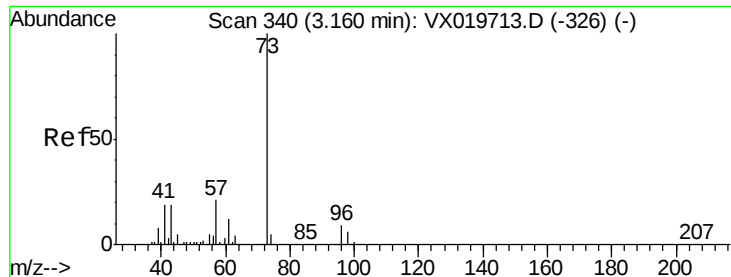
74 27.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 53.365 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

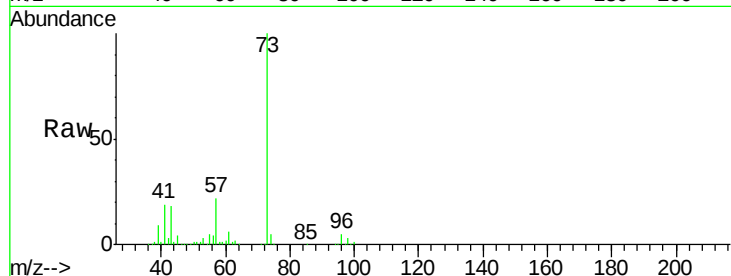
RE135D3-20201208MSD

Tgt Ion: 73 Resp: 463033

Ion Ratio Lower Upper

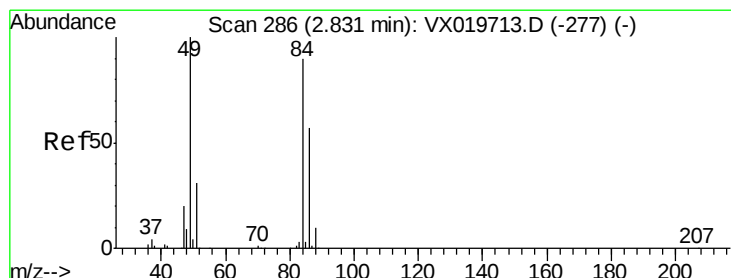
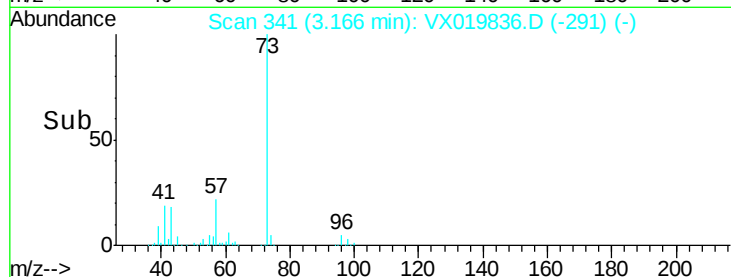
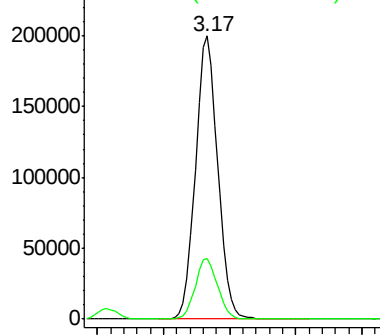
73 100

57 21.6 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 52.676 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion: 84 Resp: 154262

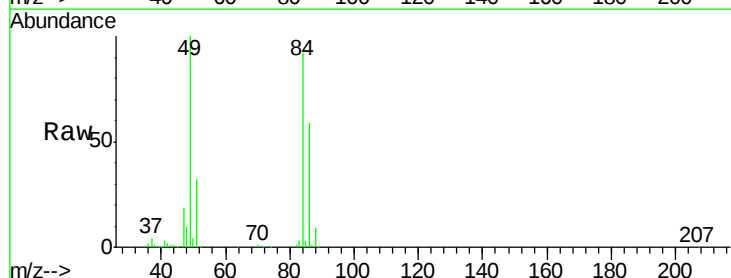
Ion Ratio Lower Upper

84 100

49 109.2 88.6 132.8

51 34.8 27.0 40.6

86 64.0 50.3 75.5

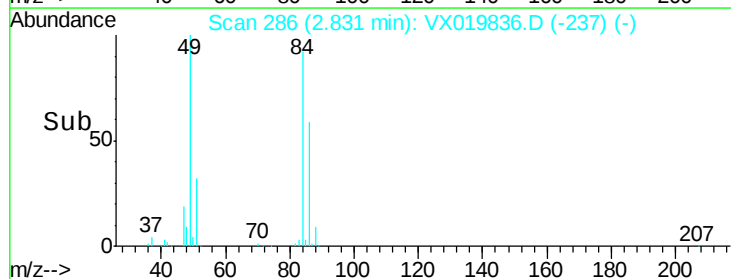
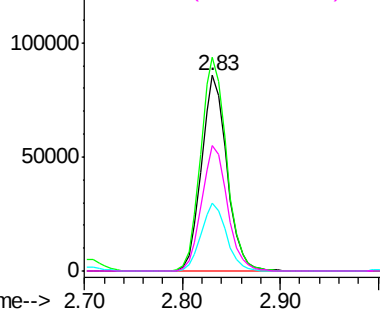


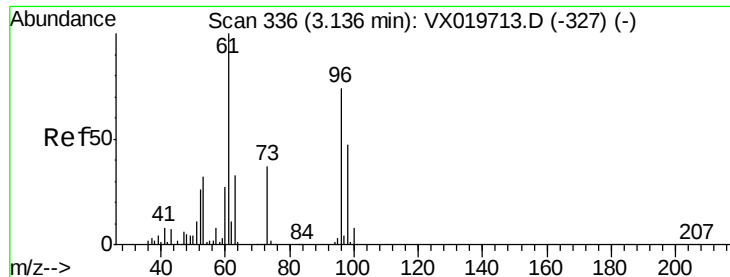
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 51.214 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

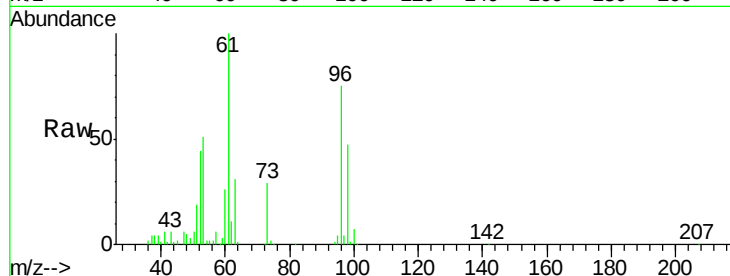
Tgt Ion: 96 Resp: 142257

Ion Ratio Lower Upper

96 100

61 134.0 107.7 161.5

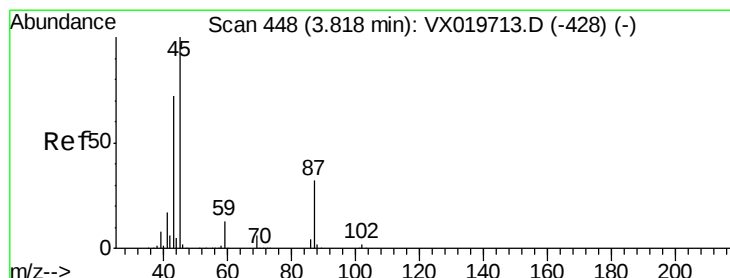
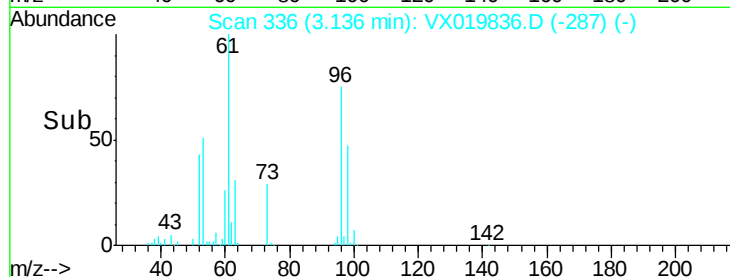
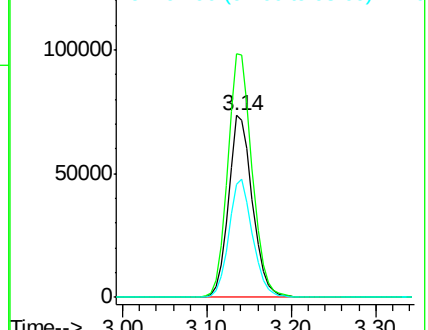
98 62.5 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.155 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Tgt Ion: 45 Resp: 440585

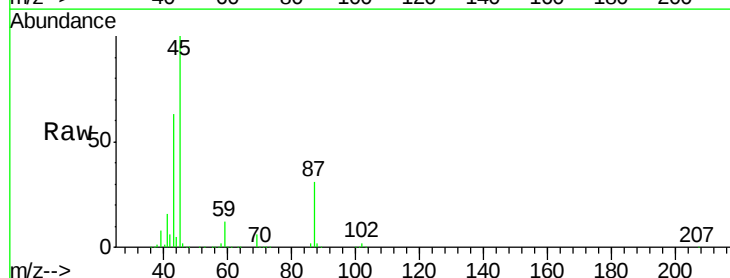
Ion Ratio Lower Upper

45 100

43 62.5 58.0 87.0

87 30.9 25.4 38.0

59 12.5 10.2 15.2

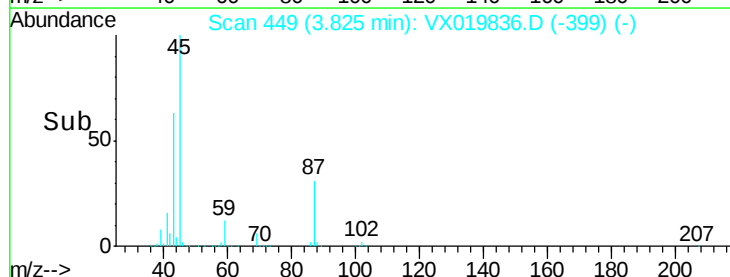
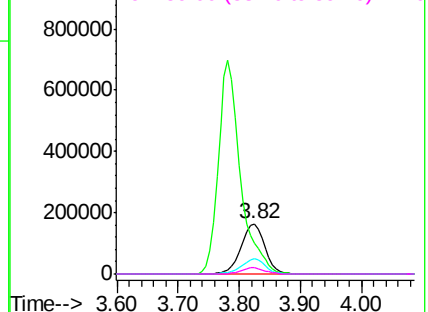


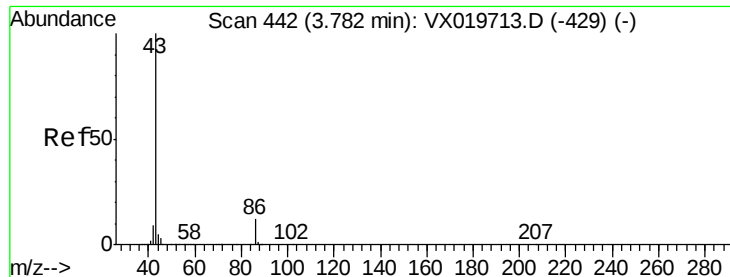
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

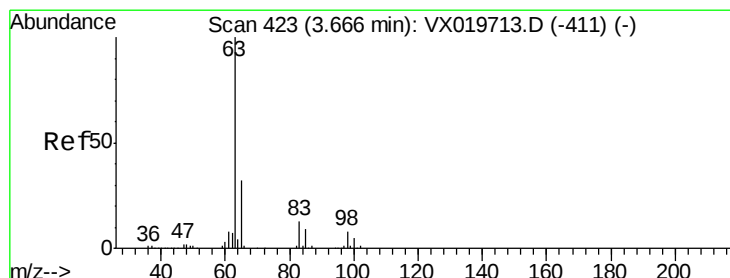
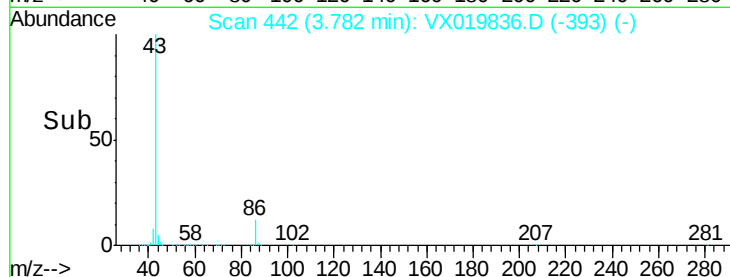
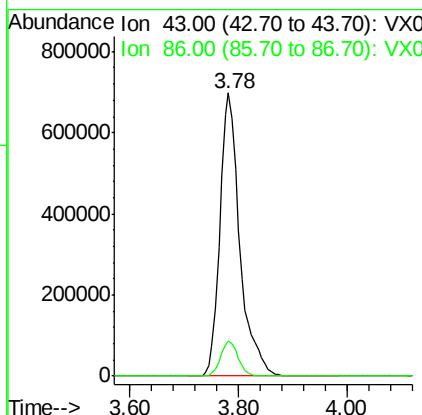
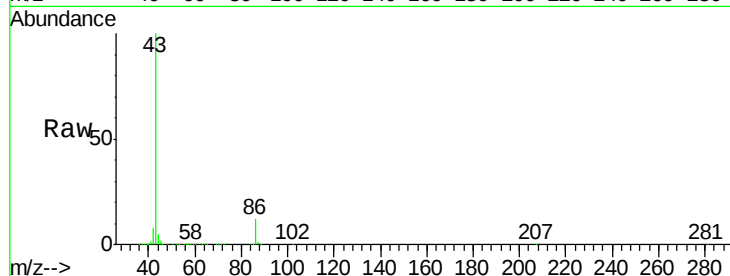




#23
 Vinyl Acetate
 Concen: 255.421 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

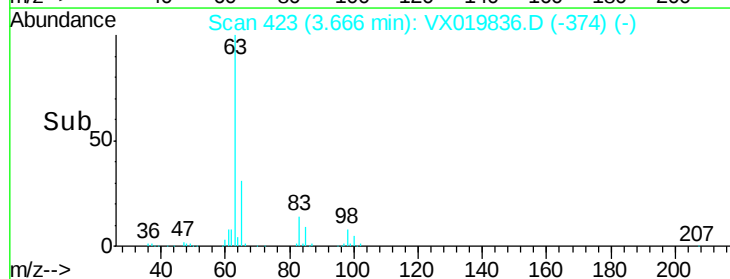
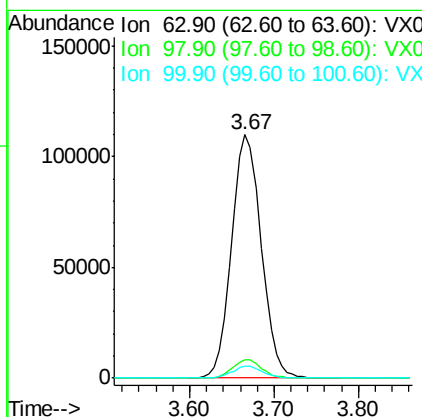
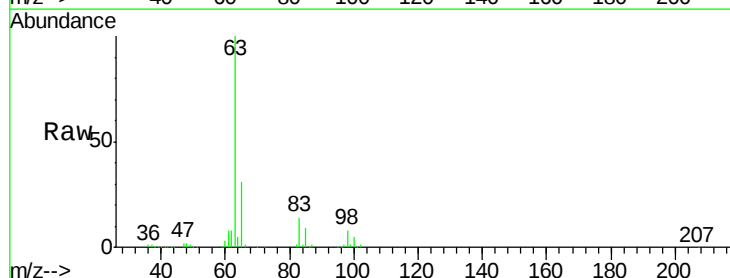
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

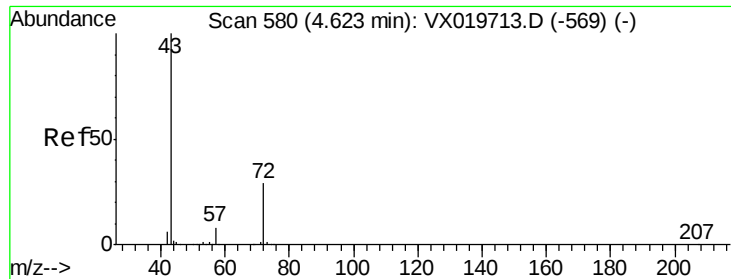
Tgt Ion: 43 Resp: 1770389
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 53.329 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 63 Resp: 261637
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 271.116 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

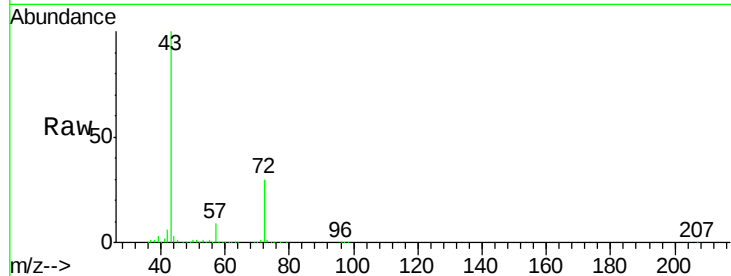
RE135D3-20201208MSD

Tgt Ion: 43 Resp: 535171

Ion Ratio Lower Upper

43 100

72 30.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

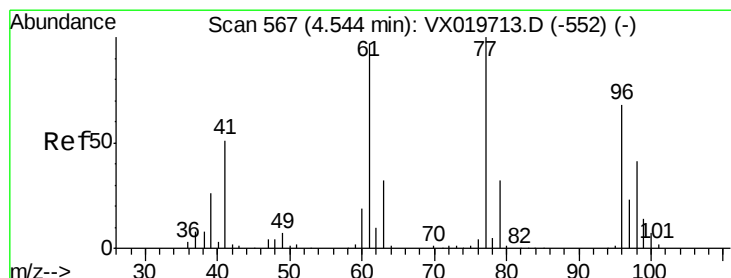
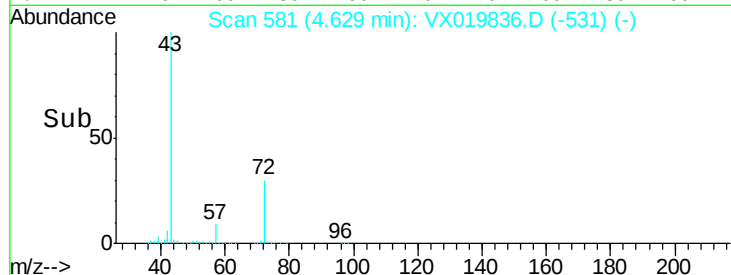
0

4.63

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 45.318 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019836.D

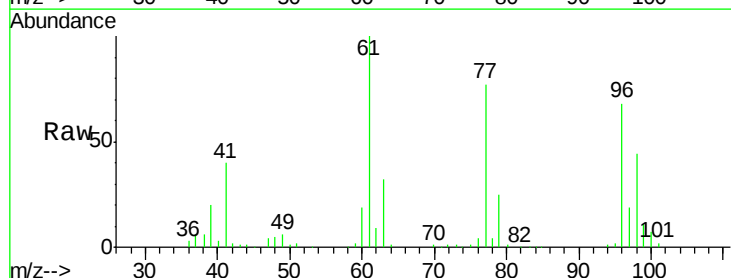
Acq: 10 Dec 2020 19:23

Tgt Ion: 77 Resp: 191467

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

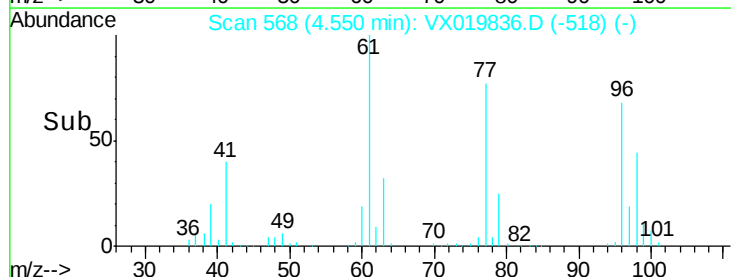
4.55

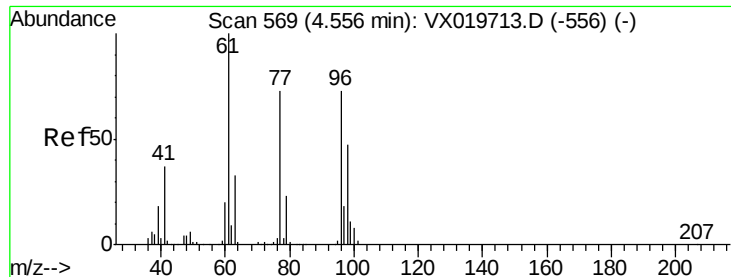
4.40

4.60

4.70

Time-->

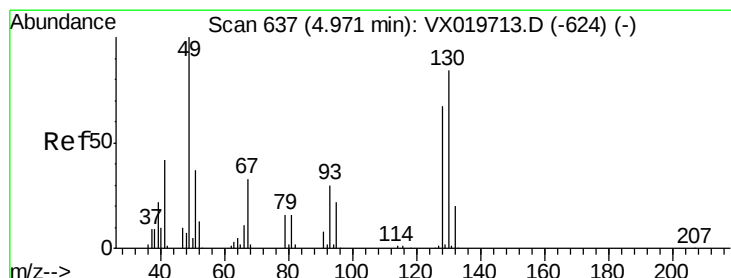
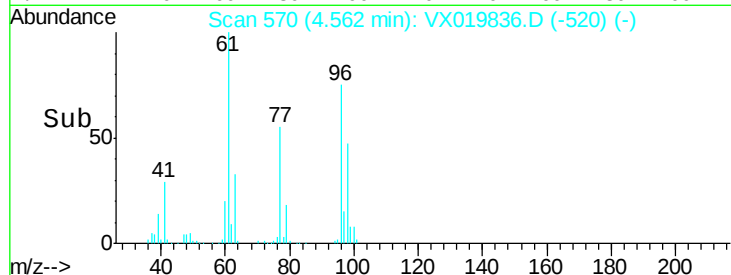
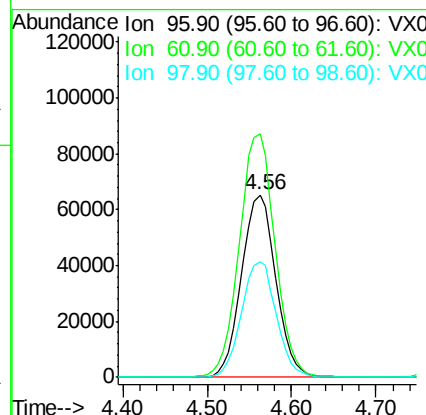
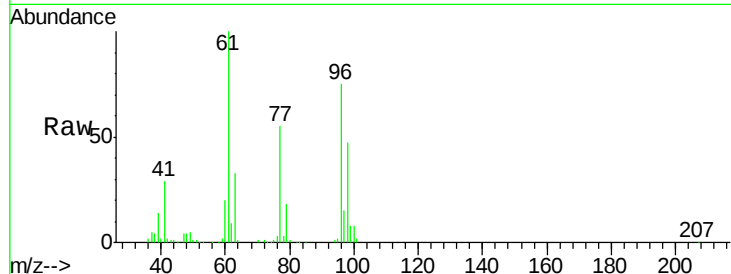




#27
 cis-1,2-Dichloroethene
 Concen: 55.413 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

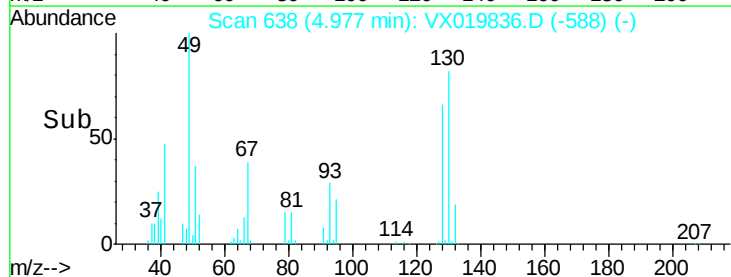
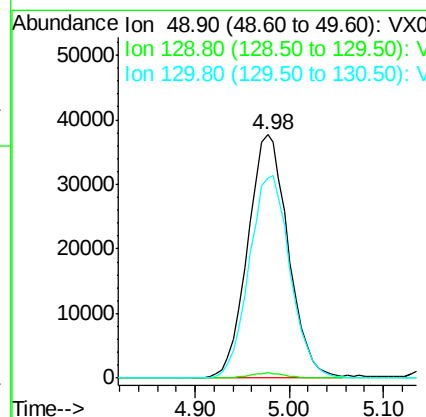
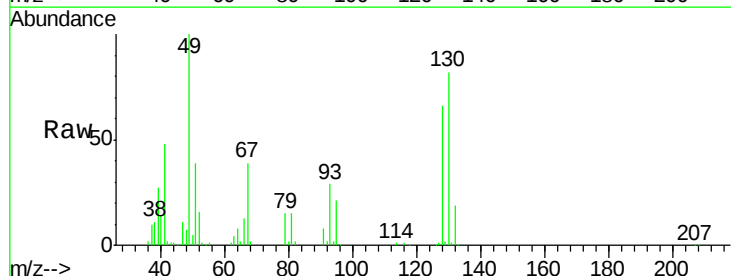
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

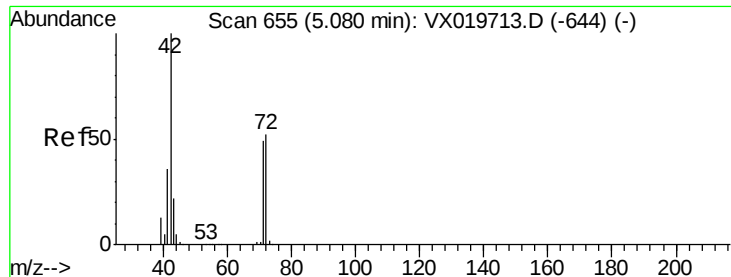
Tgt Ion: 96 Resp: 180127
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 285.6
 98 64.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 48.542 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 49 Resp: 113528
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 84.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 271.776 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

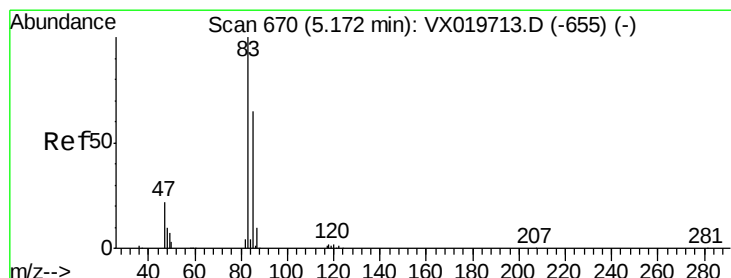
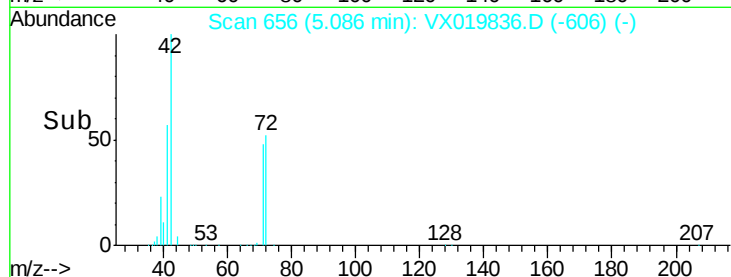
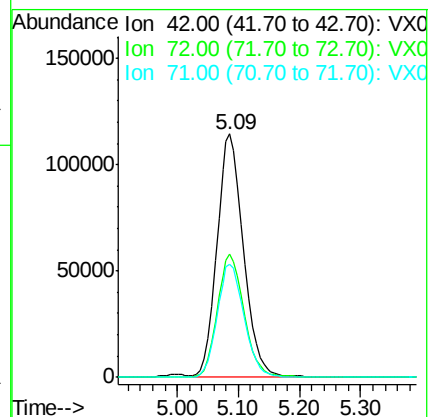
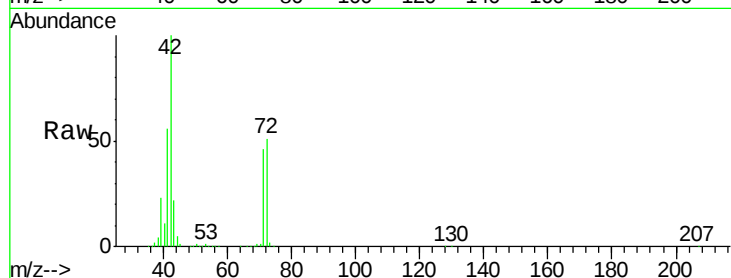
Tgt Ion: 42 Resp: 345643

Ion Ratio Lower Upper

42 100

72 51.4 41.7 62.5

71 47.2 38.4 57.6



#30

Chloroform

Concen: 53.586 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019836.D

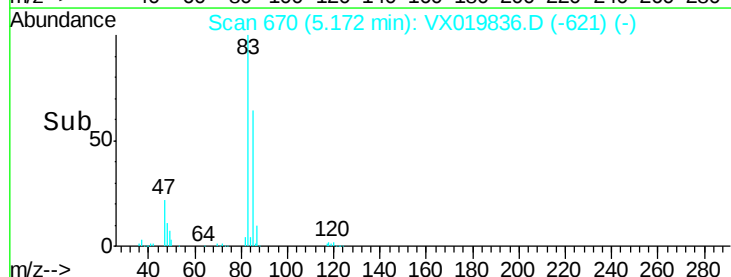
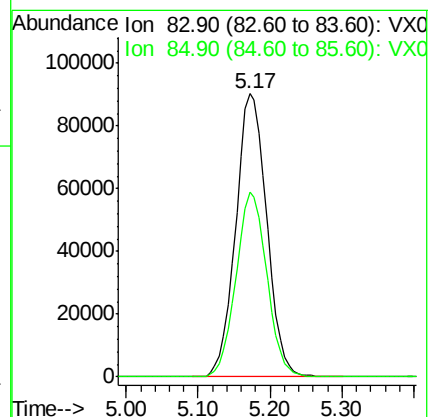
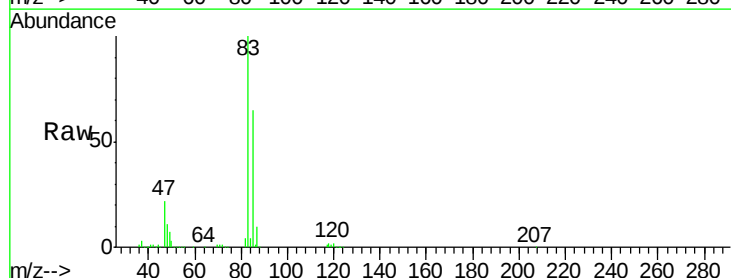
Acq: 10 Dec 2020 19:23

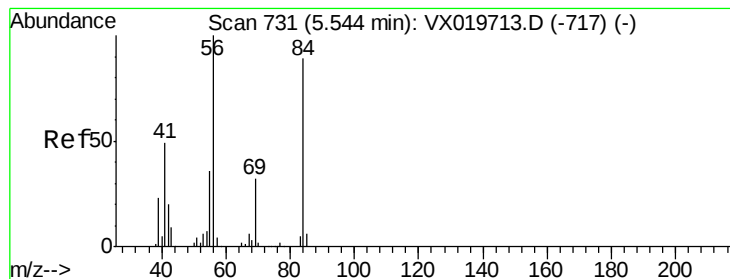
Tgt Ion: 83 Resp: 270317

Ion Ratio Lower Upper

83 100

85 65.3 52.0 78.0





#31

Cyclohexane

Concen: 51.807 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

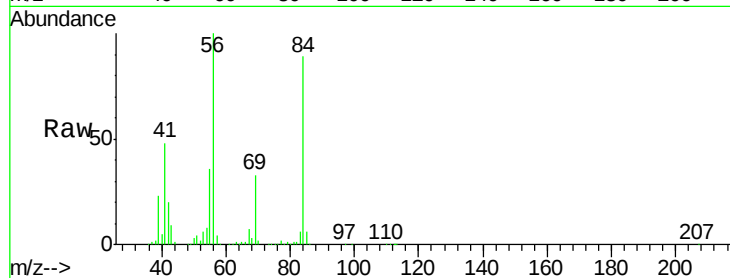
Tgt Ion: 56 Resp: 220247

Ion Ratio Lower Upper

56 100

69 32.7 25.3 37.9

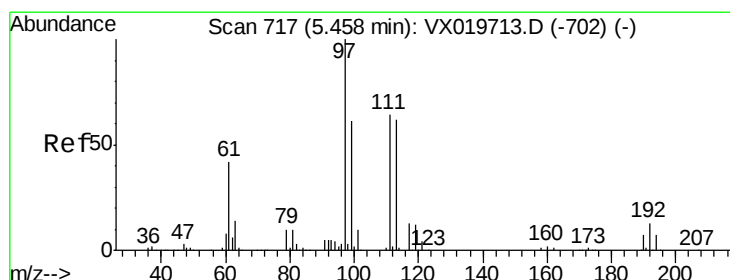
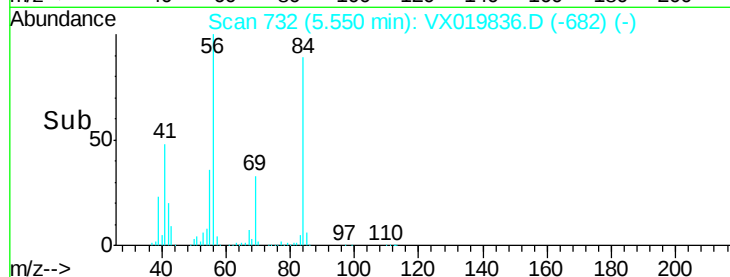
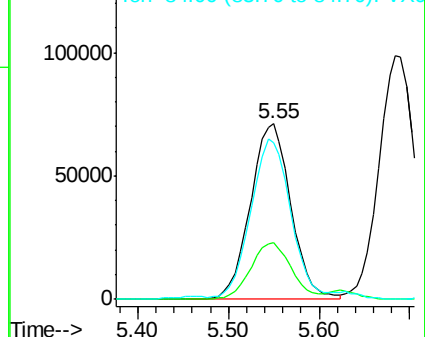
84 87.9 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.157 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

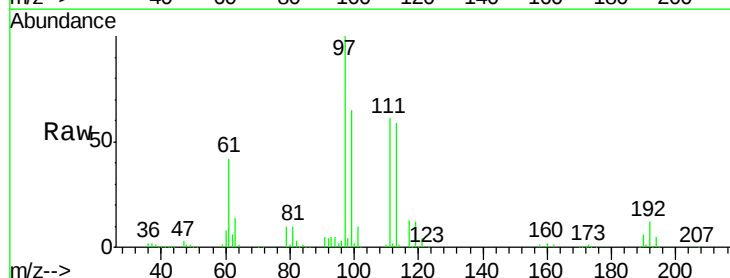
Tgt Ion: 97 Resp: 230928

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

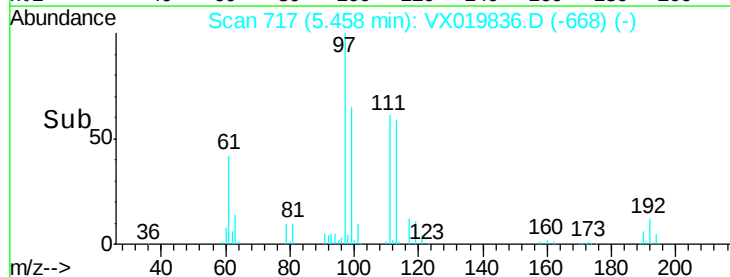
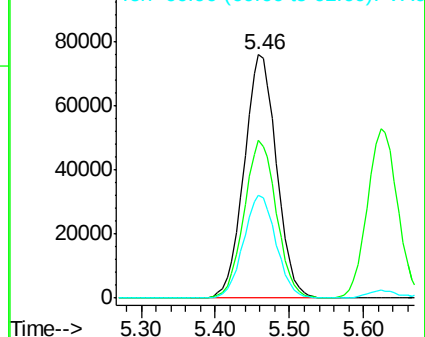
61 42.5 34.2 51.4

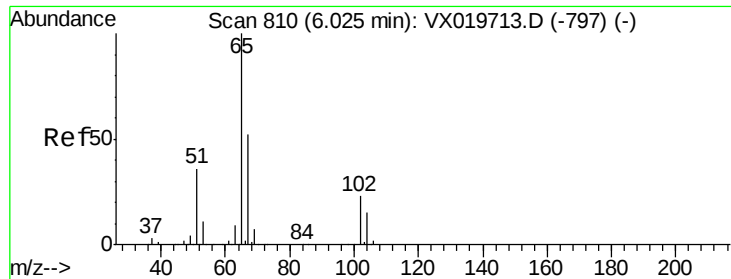


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

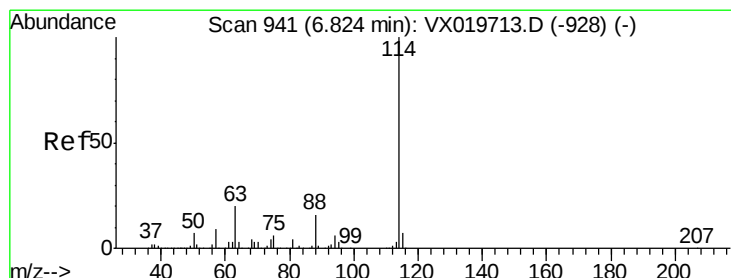
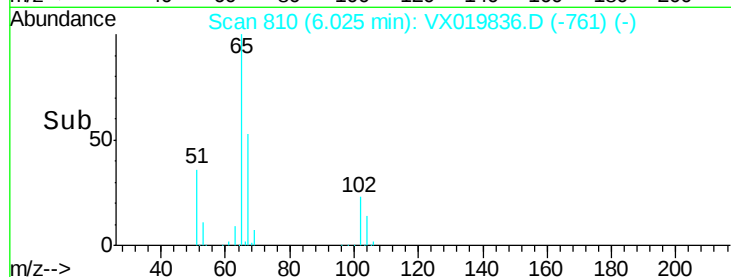
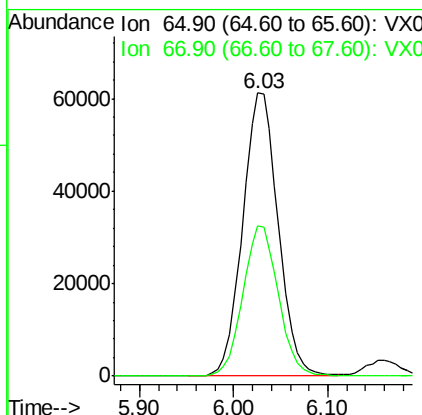
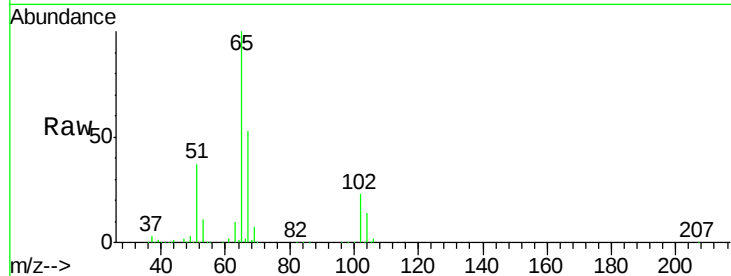




#33
 1,2-Dichloroethane-d4
 Concen: 47.309 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

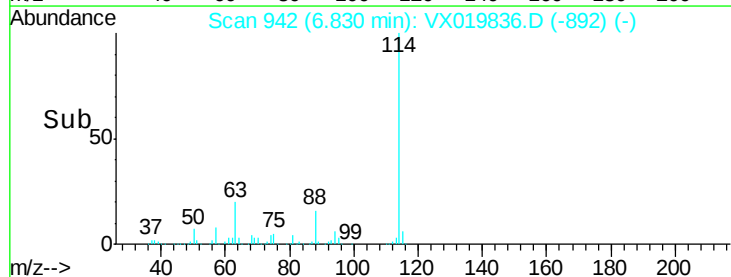
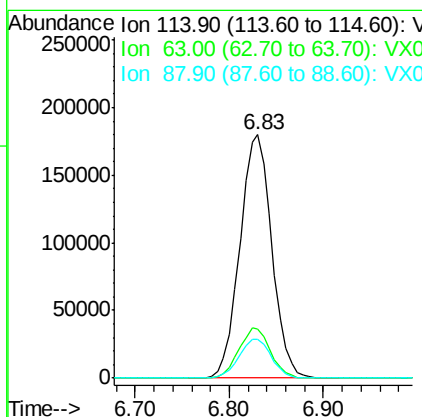
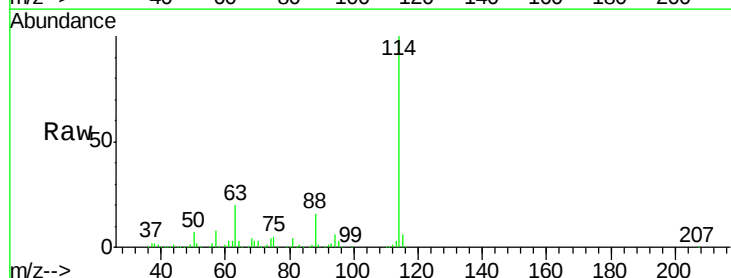
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

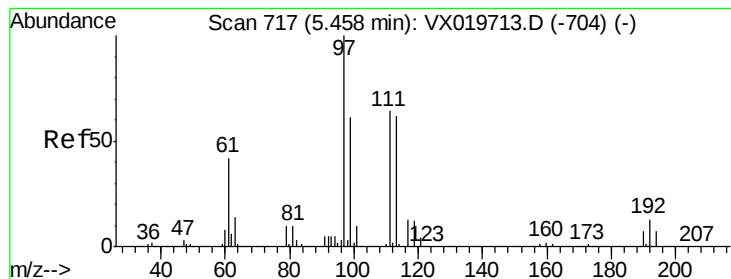
Tgt Ion: 65 Resp: 161686
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 114 Resp: 426160
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.788 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

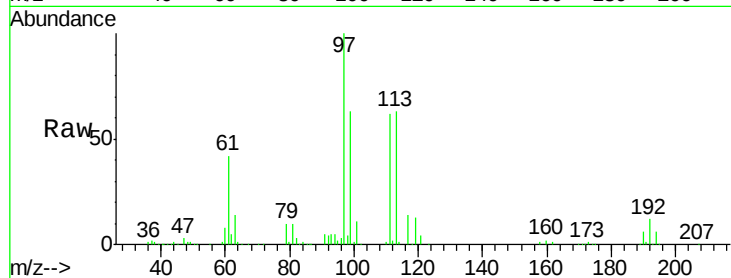
Tgt Ion:113 Resp: 131619

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

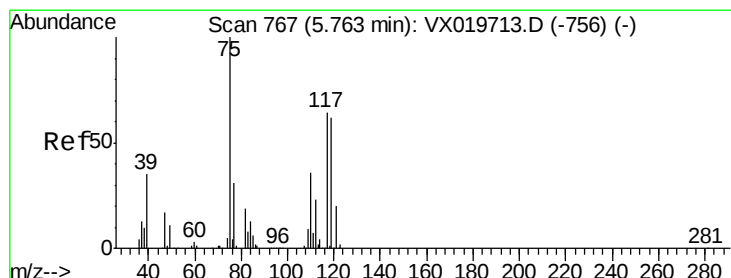
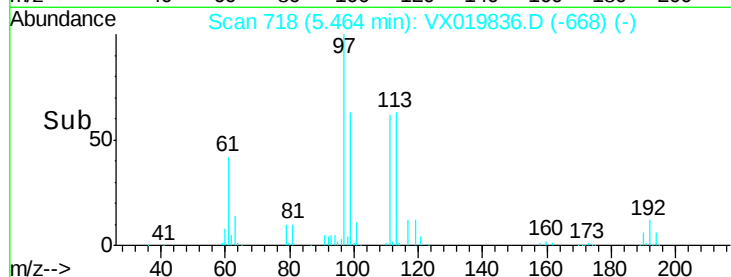
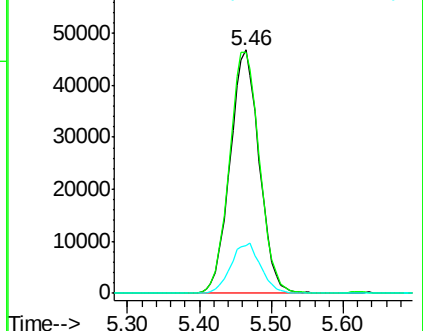
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.095 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

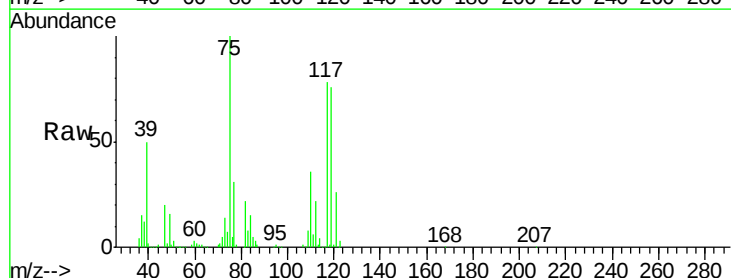
Tgt Ion: 75 Resp: 192912

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

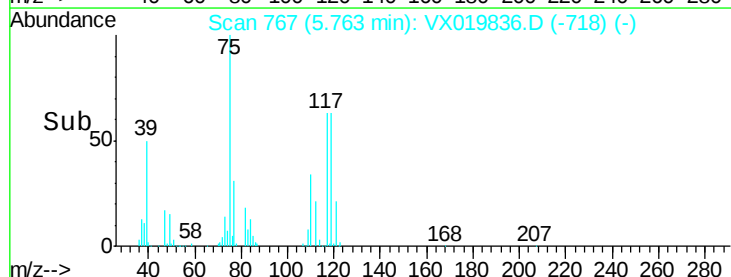
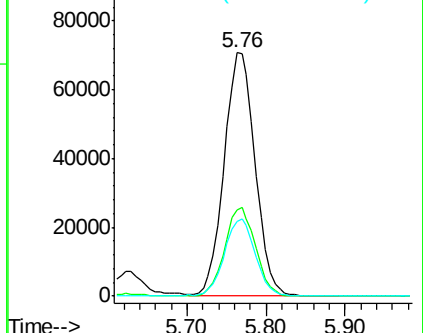
77 31.8 25.3 37.9

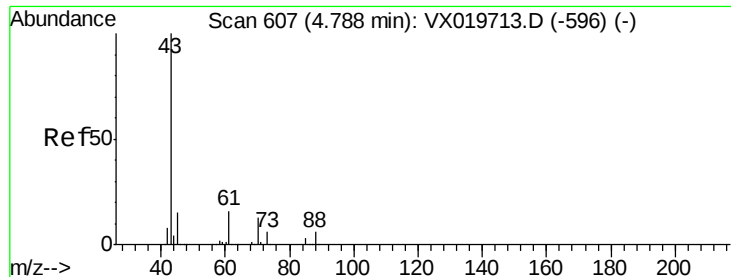


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

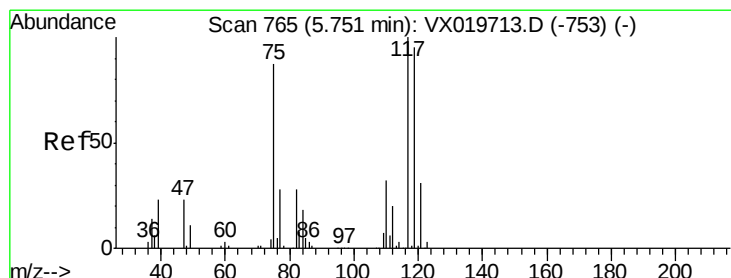
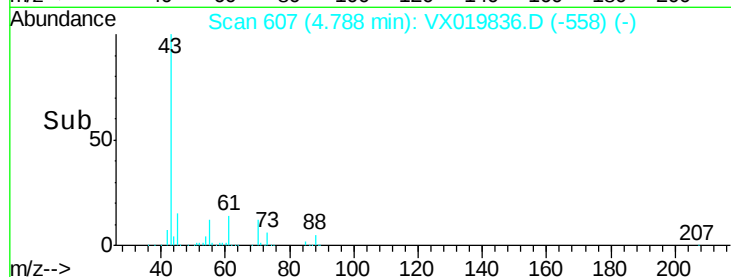
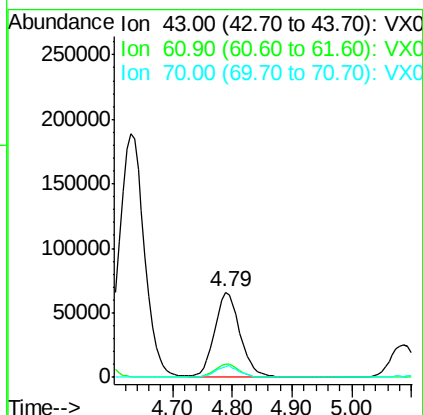
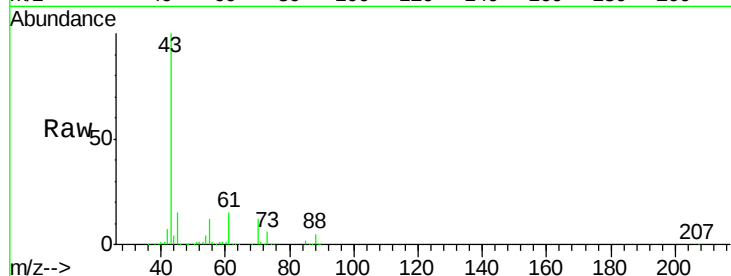




#37
Ethyl Acetate
Concen: 49.882 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

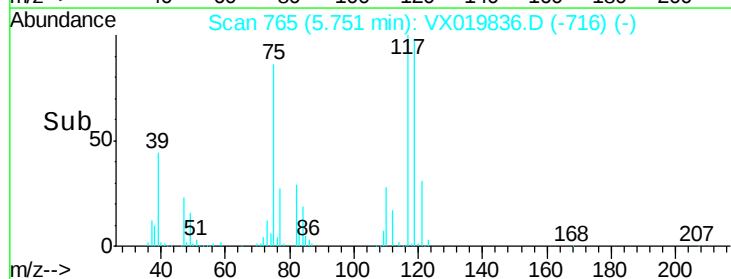
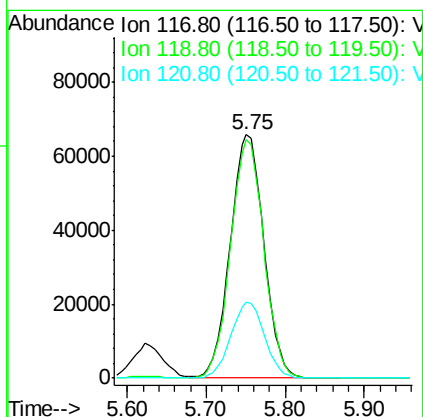
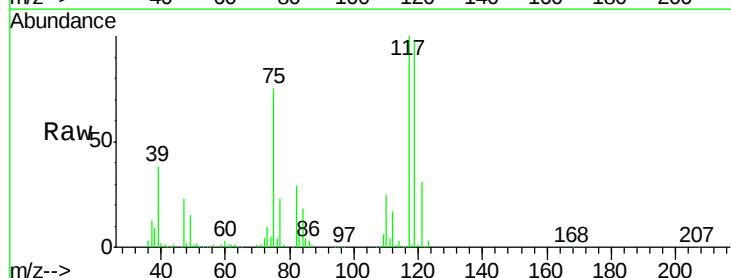
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

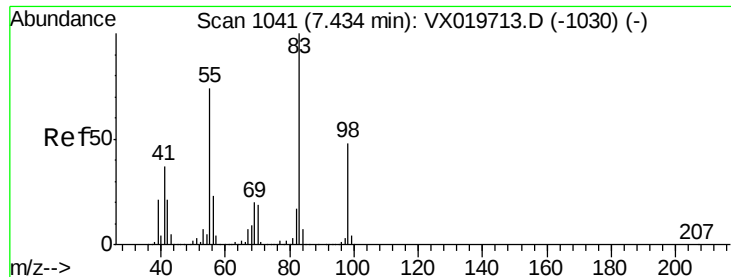
Tgt Ion: 43 Resp: 193948
Ion Ratio Lower Upper
43 100
61 15.6 12.8 19.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 51.777 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 117 Resp: 195252
Ion Ratio Lower Upper
117 100
119 98.0 76.2 114.2
121 31.0 24.8 37.2

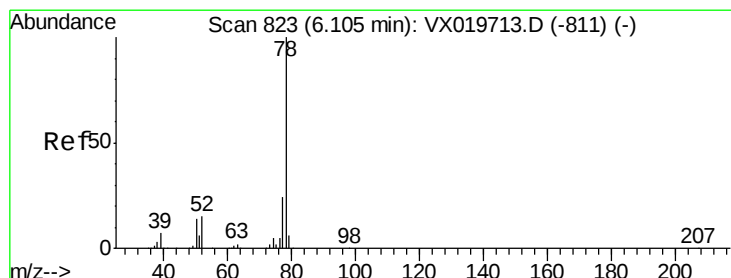
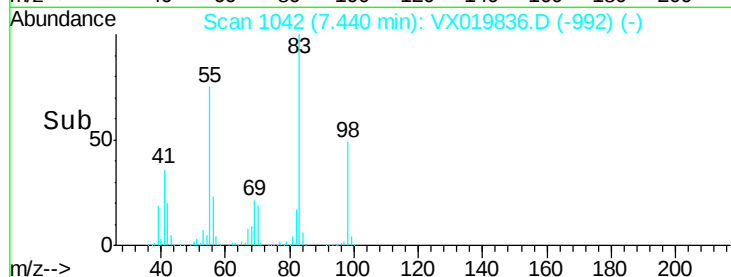
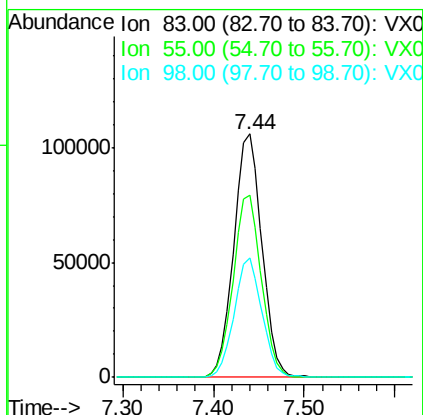
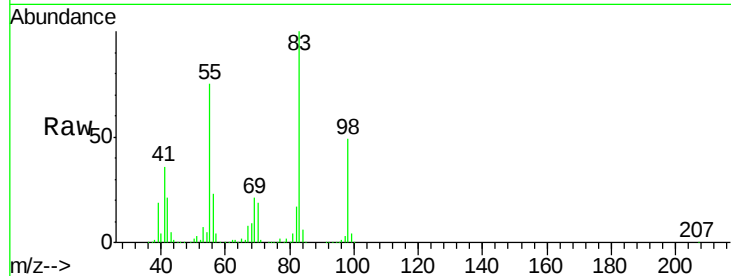




#39
Methylcyclohexane
Concen: 50.378 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

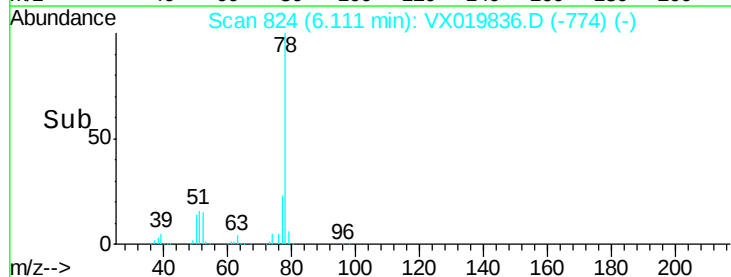
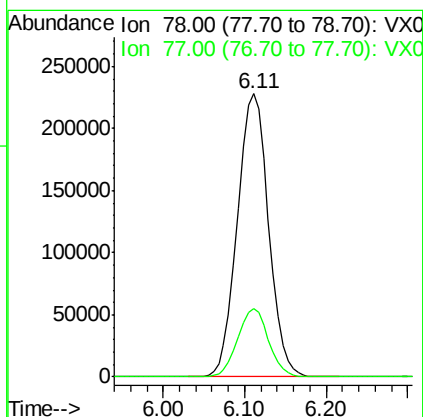
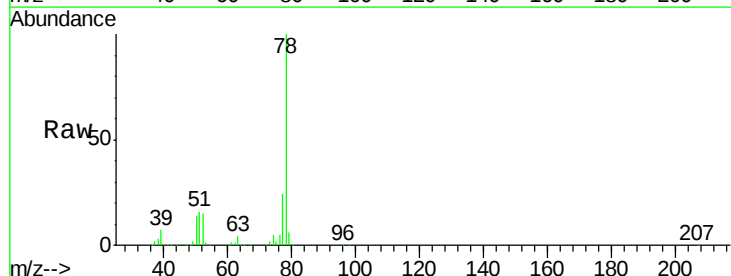
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

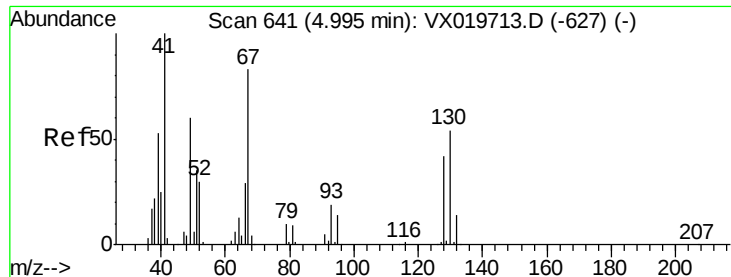
Tgt Ion: 83 Resp: 227931
Ion Ratio Lower Upper
83 100
55 74.6 58.9 88.3
98 49.0 38.1 57.1



#40
Benzene
Concen: 51.390 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 78 Resp: 604526
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41

Methacrylonitrile

Concen: 53.153 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tgt Ion: 41 Resp: 113469

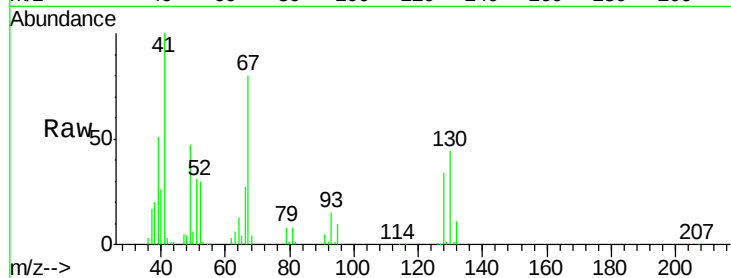
Ion Ratio Lower Upper

41 100

39 53.7 42.5 63.7

67 81.8 65.0 97.6

52 30.8 25.3 37.9

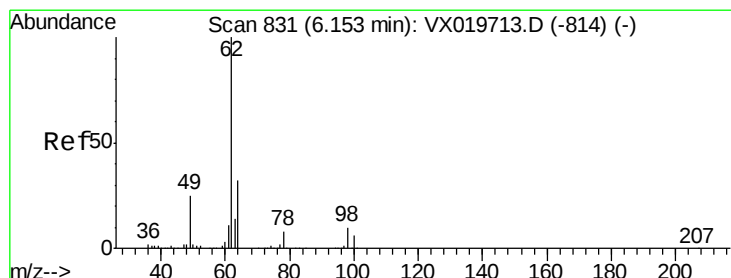
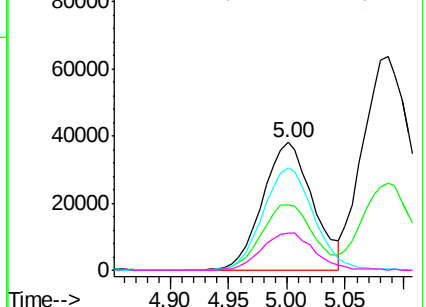
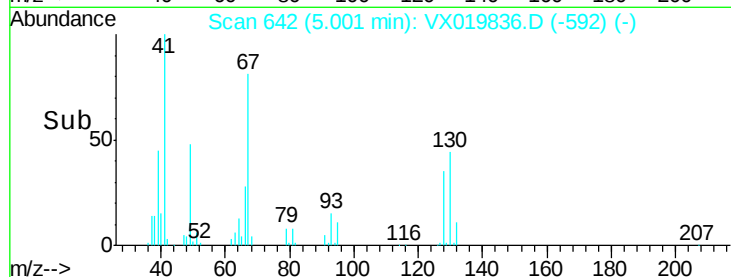


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.327 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019836.D

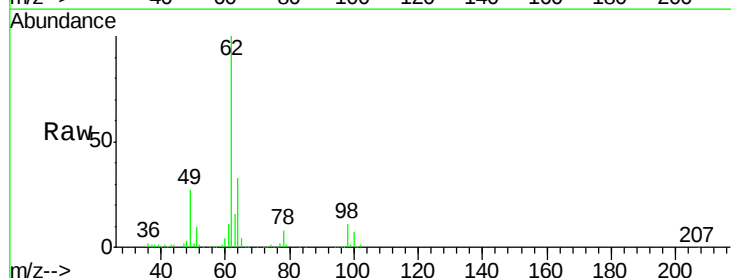
Acq: 10 Dec 2020 19:23

Tgt Ion: 62 Resp: 210313

Ion Ratio Lower Upper

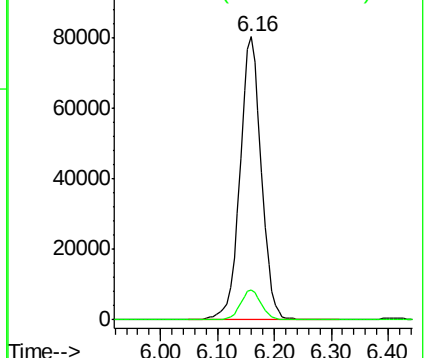
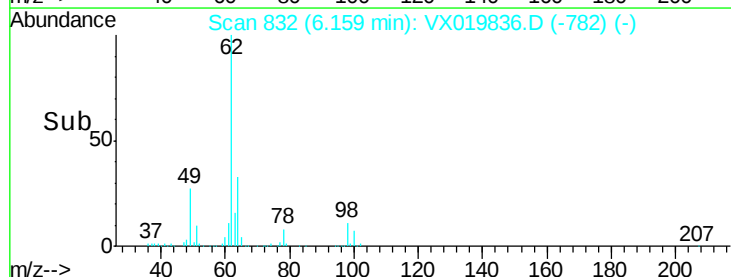
62 100

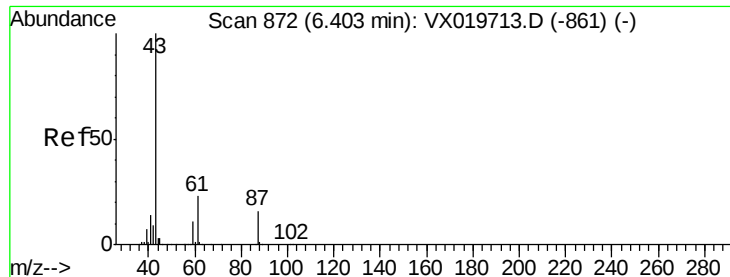
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.346 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

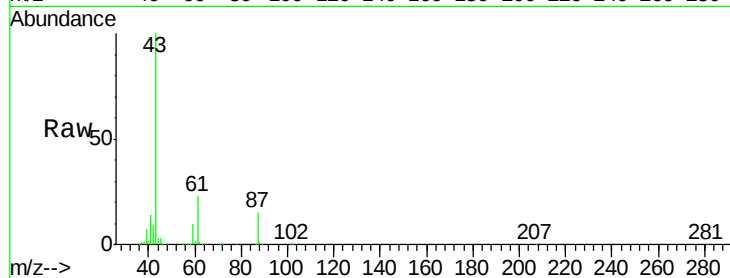
Tgt Ion: 43 Resp: 318256

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

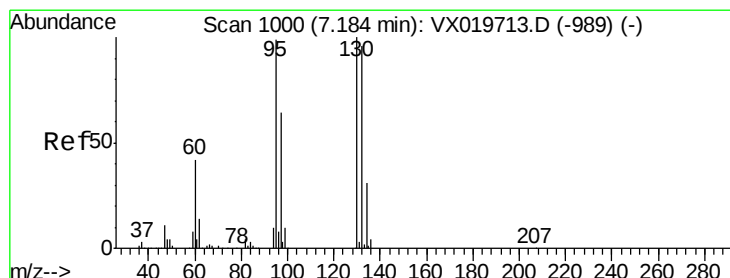
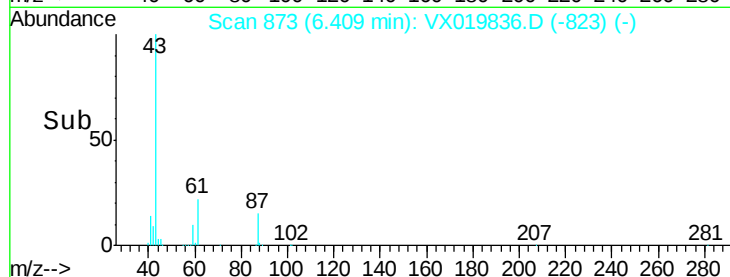
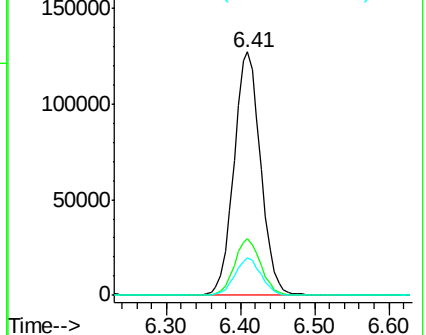
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 68.166 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019836.D

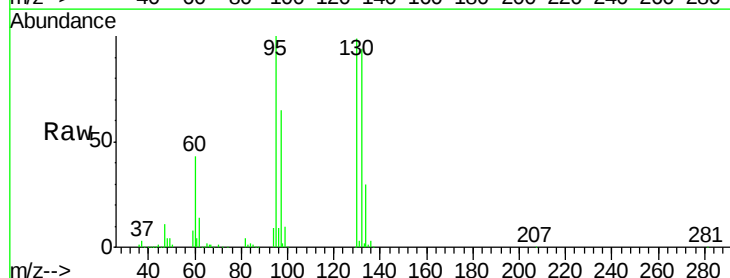
Acq: 10 Dec 2020 19:23

Tgt Ion: 130 Resp: 210390

Ion Ratio Lower Upper

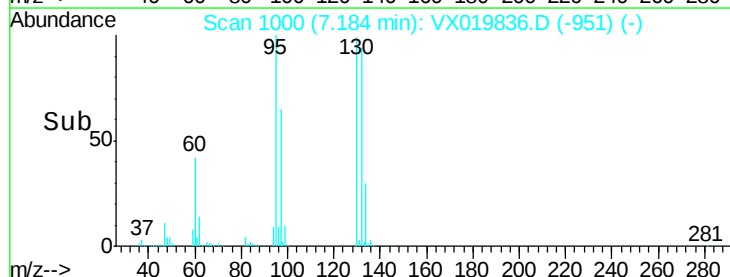
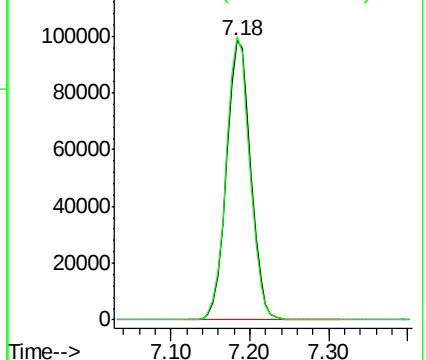
130 100

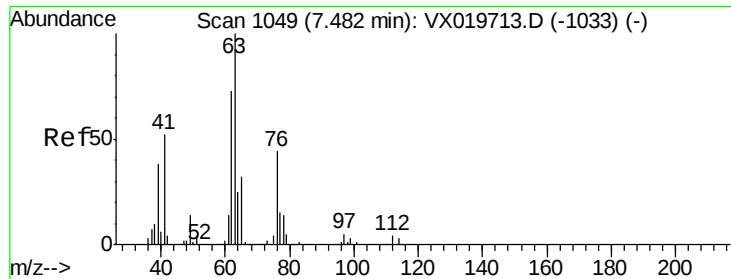
95 101.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

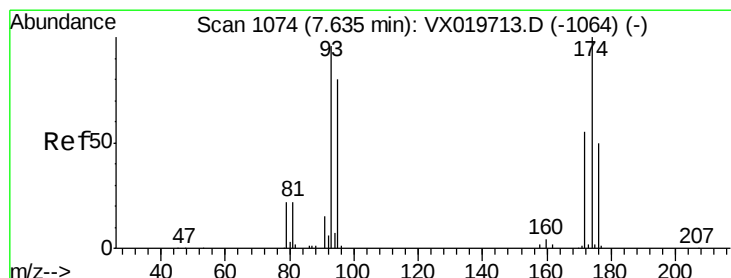
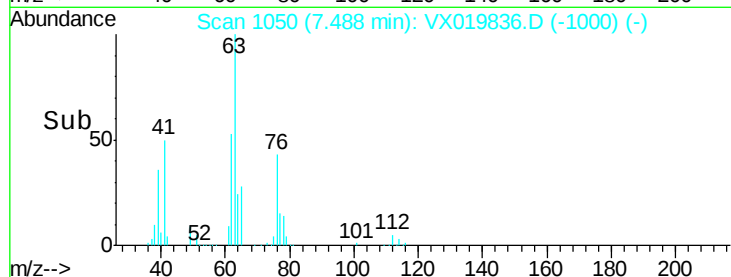
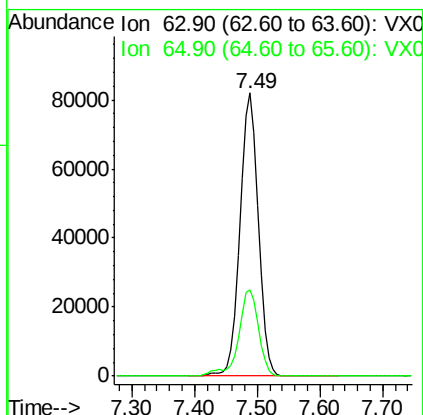
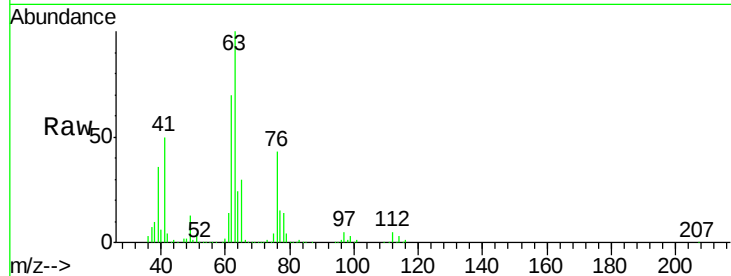




#45
 1,2-Dichloropropane
 Concen: 56.404 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

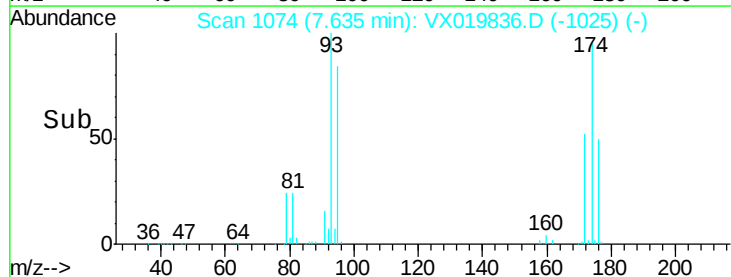
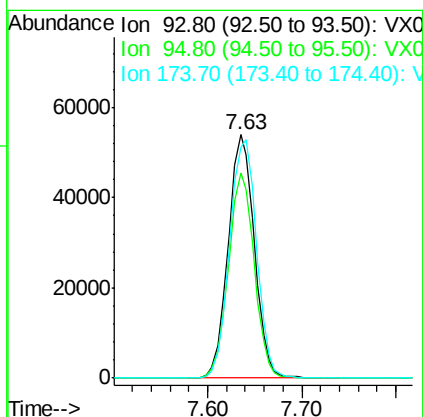
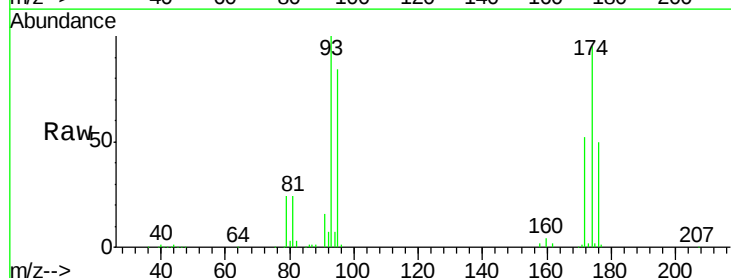
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

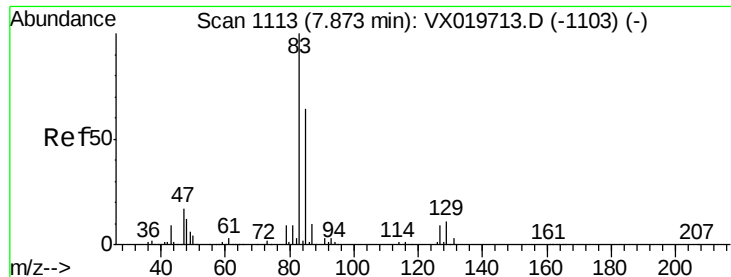
Tgt Ion: 63 Resp: 165829
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.7 38.5



#46
 Dibromomethane
 Concen: 52.252 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 93 Resp: 103743
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 52.680 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

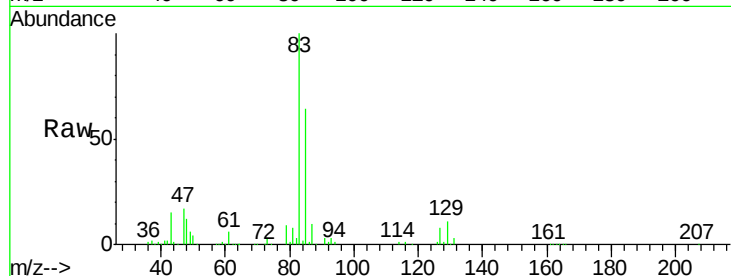
Tgt Ion: 83 Resp: 207543

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

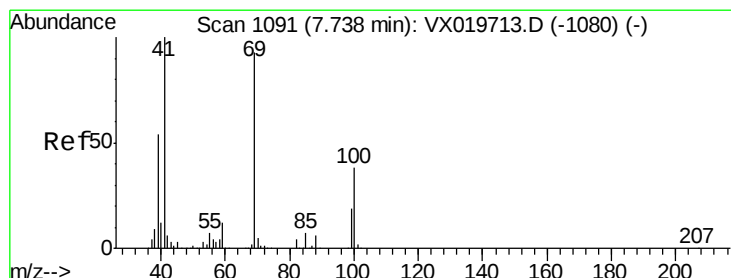
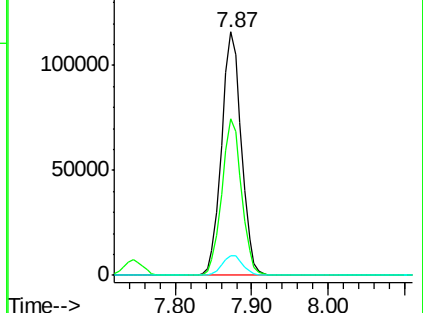
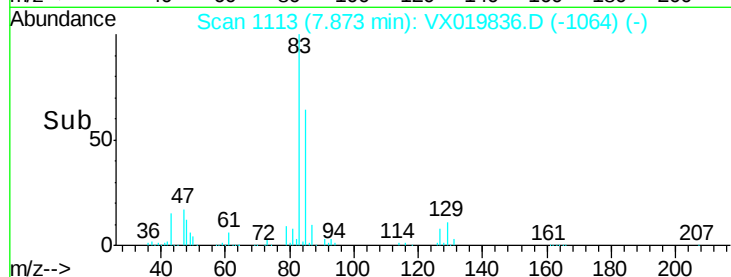
127 8.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.812 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

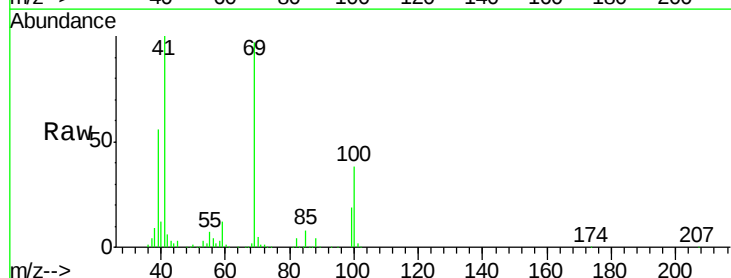
Tgt Ion: 41 Resp: 164189

Ion Ratio Lower Upper

41 100

69 93.3 76.0 114.0

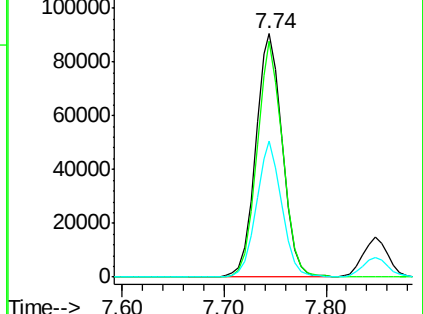
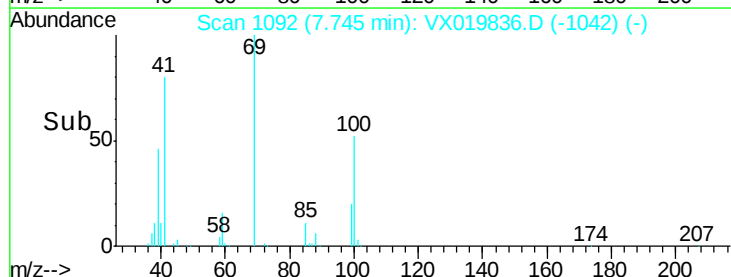
39 53.5 44.6 67.0

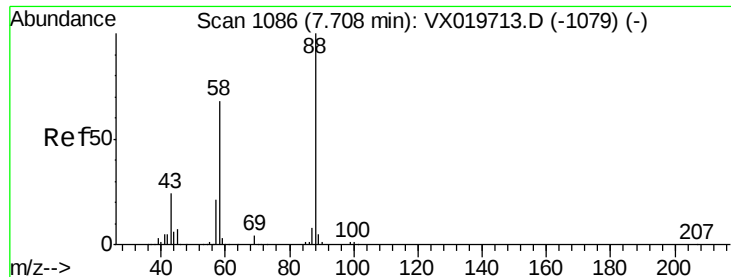


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

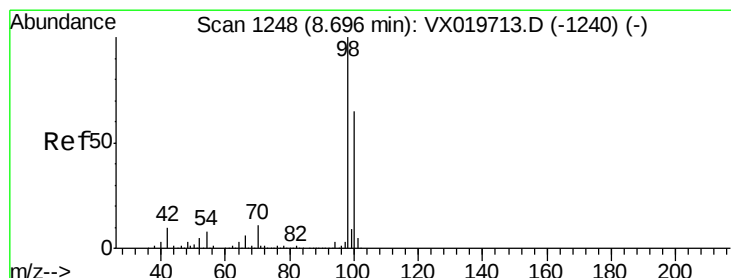
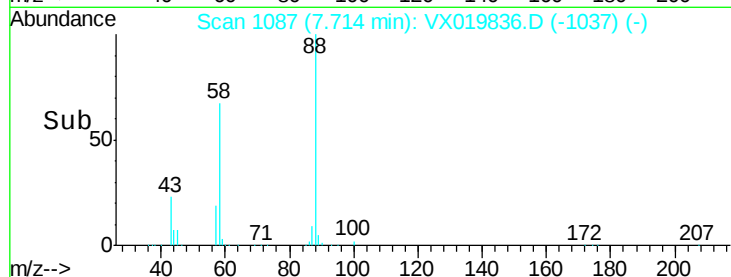
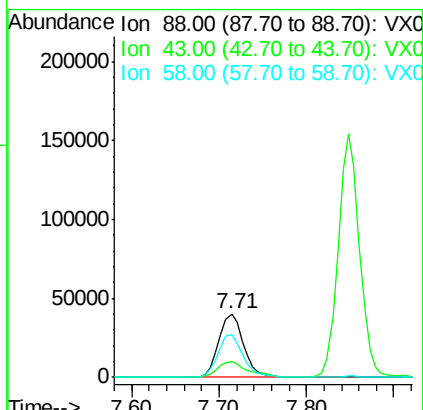
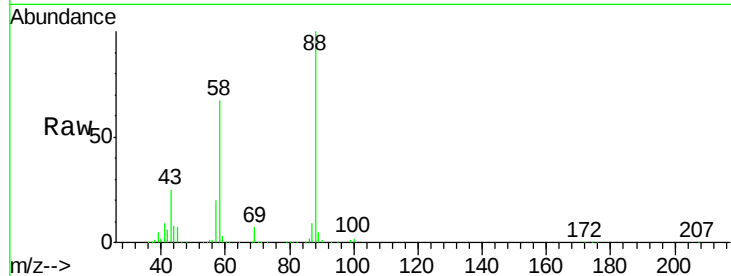




#49
1,4-Dioxane
Concen: 1059.709 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

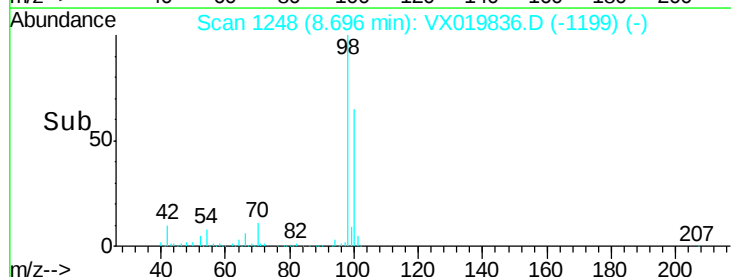
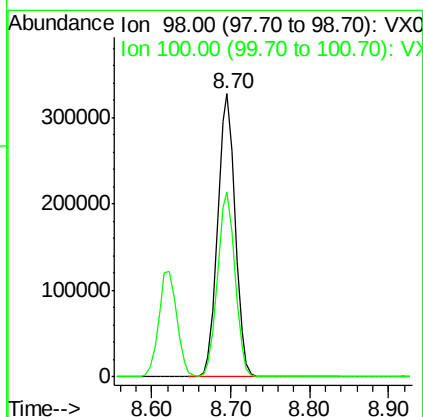
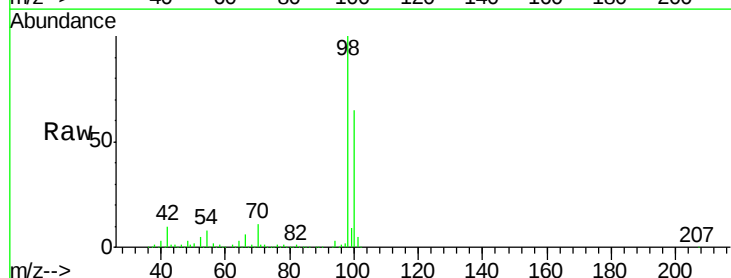
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

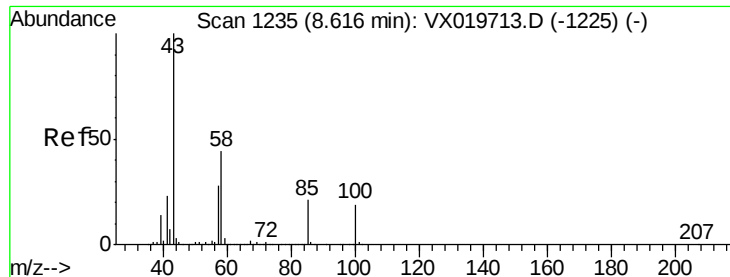
Tgt Ion: 88 Resp: 79809
Ion Ratio Lower Upper
88 100
43 28.5 23.2 34.8
58 68.4 55.0 82.4



#50
Toluene-d8
Concen: 48.070 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 98 Resp: 505453
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

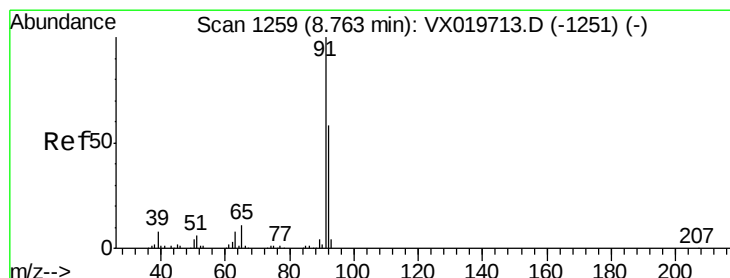
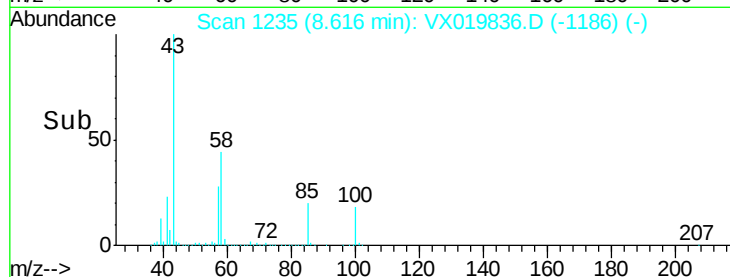
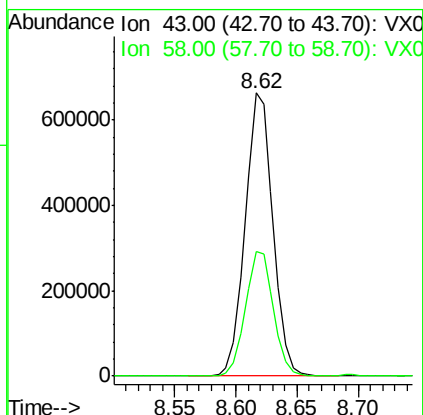
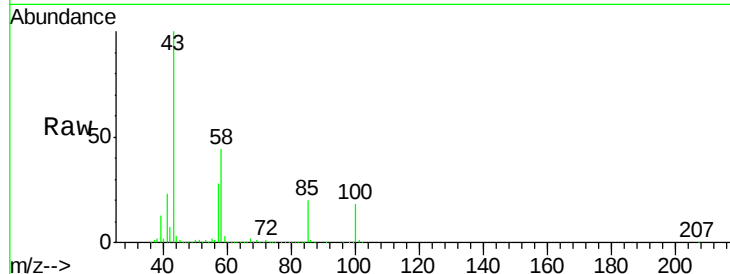




#51
 4-Methyl-2-Pentanone
 Concen: 270.266 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

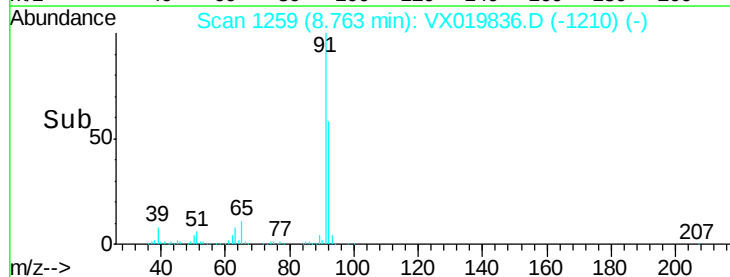
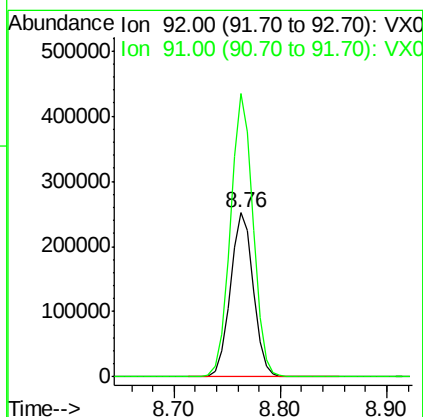
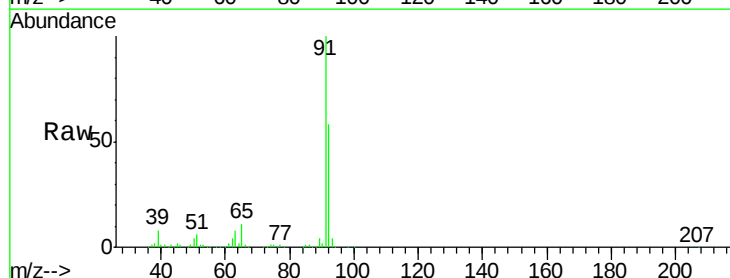
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

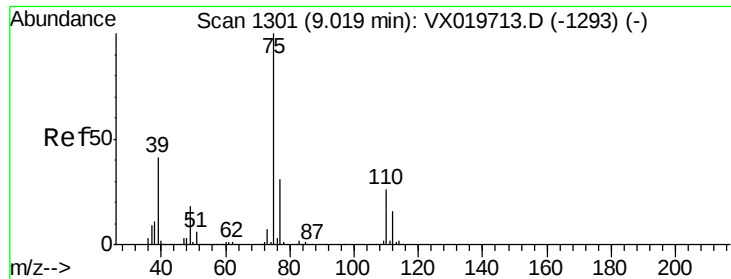
Tgt Ion: 43 Resp: 1043059
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.4 53.0



#52
 Toluene
 Concen: 51.559 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 92 Resp: 379334
 Ion Ratio Lower Upper
 92 100
 91 170.5 137.1 205.7

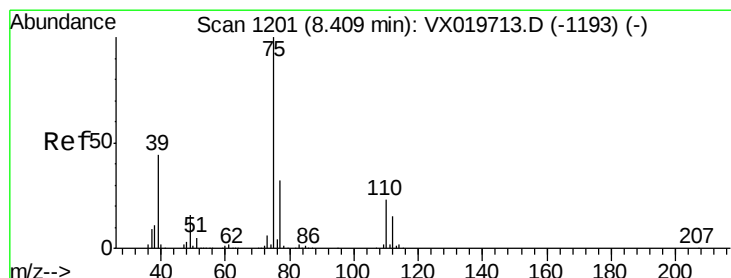
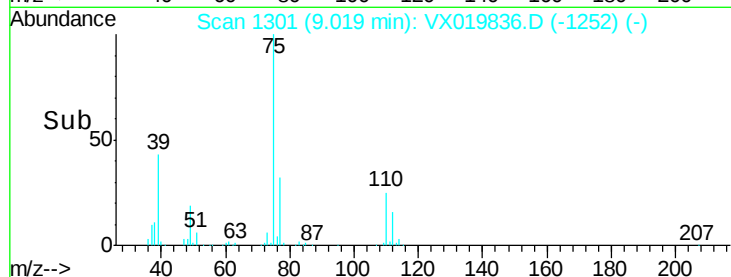
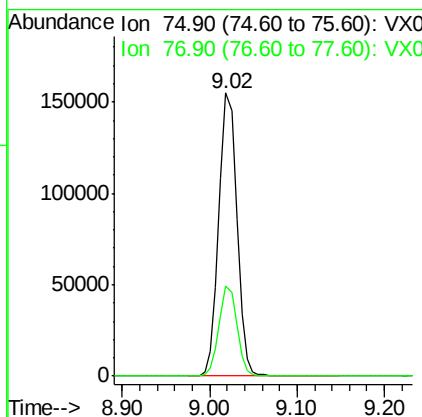
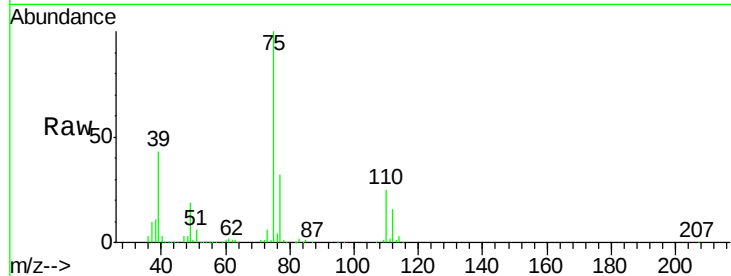




#53
 t-1,3-Dichloropropene
 Concen: 50.975 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

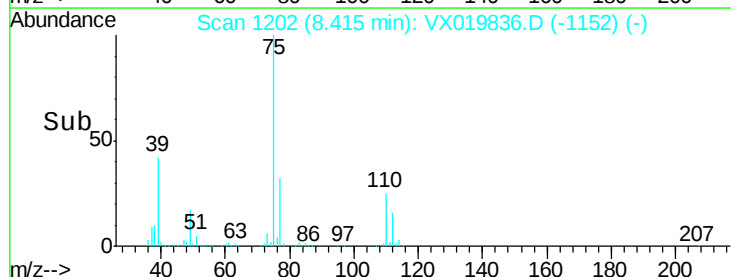
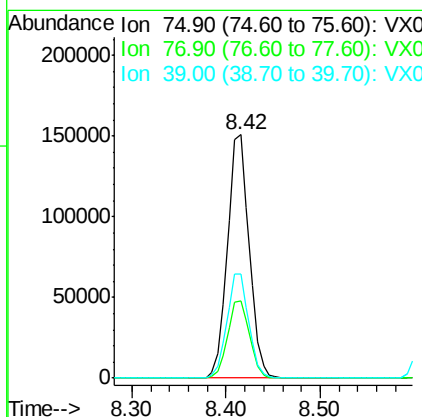
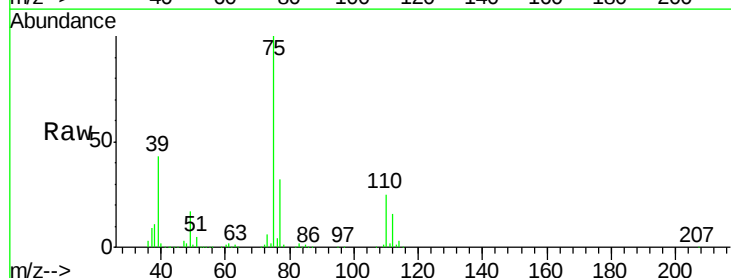
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

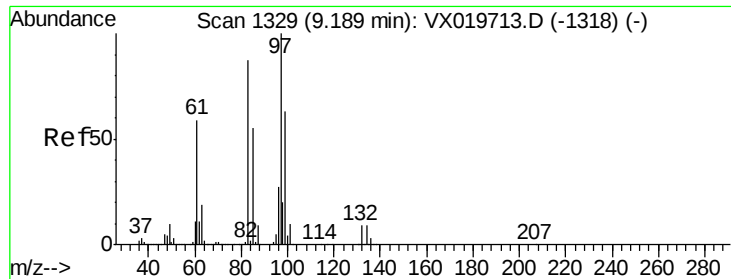
Tgt Ion: 75 Resp: 222857
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.752 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 75 Resp: 241052
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 42.5 35.1 52.7

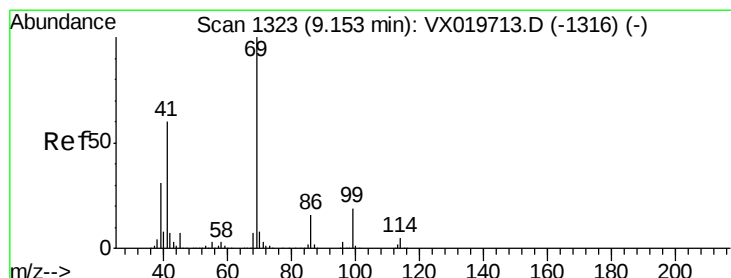
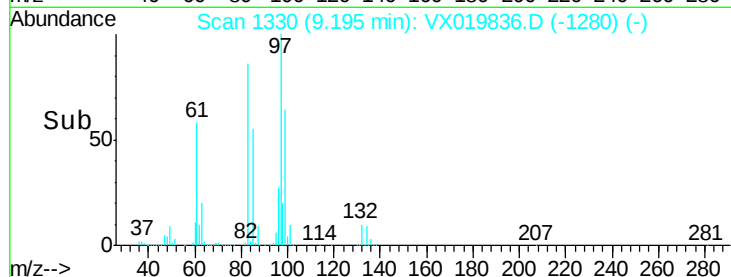
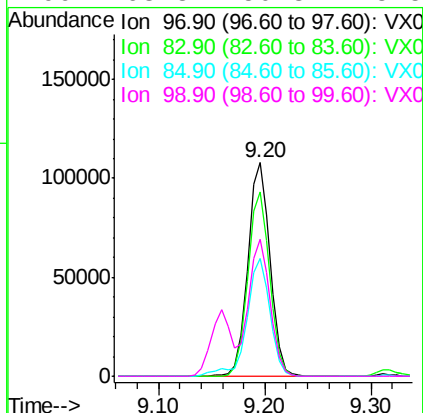
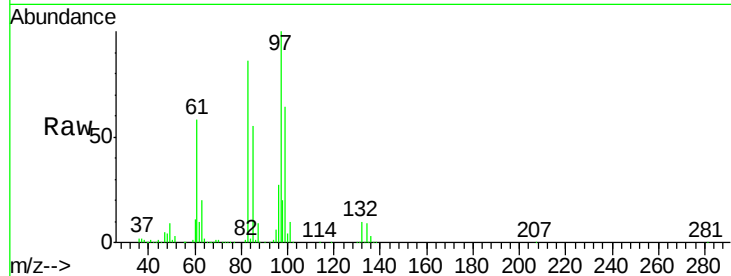




#55
 1,1,2-Trichloroethane
 Concen: 53.100 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

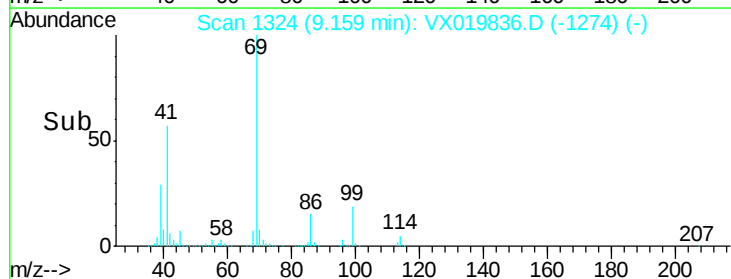
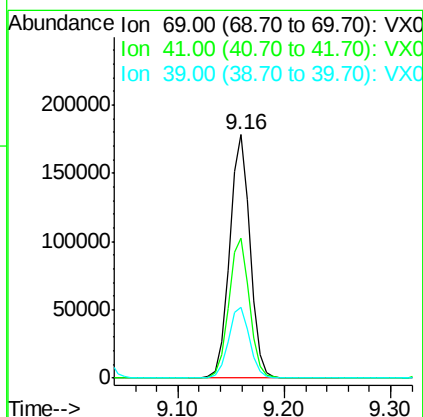
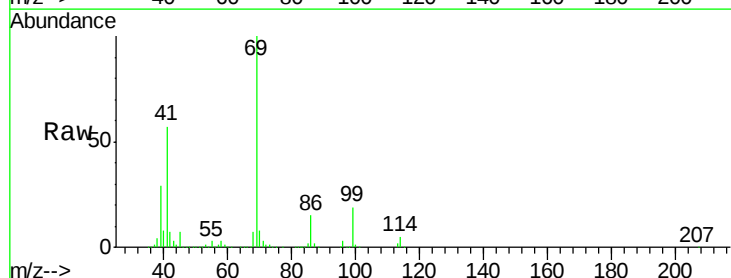
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

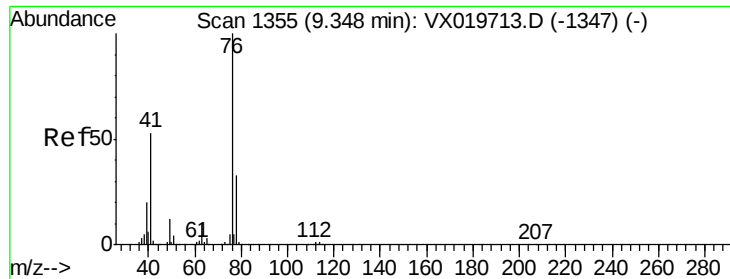
Tgt Ion:	97	Resp:	157436
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.3	103.9
85	55.0	44.3	66.5
99	63.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.418 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion:	69	Resp:	239623
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.8	70.2
39	29.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.617 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

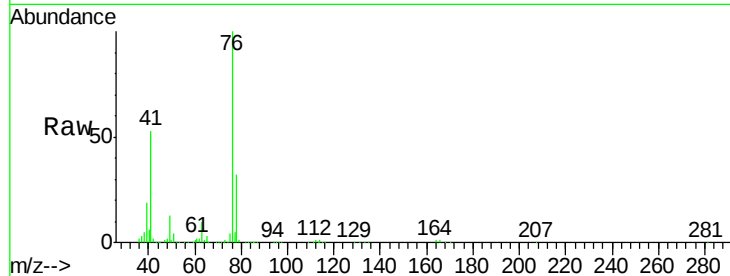
RE135D3-20201208MSD

Tgt Ion: 76 Resp: 266378

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

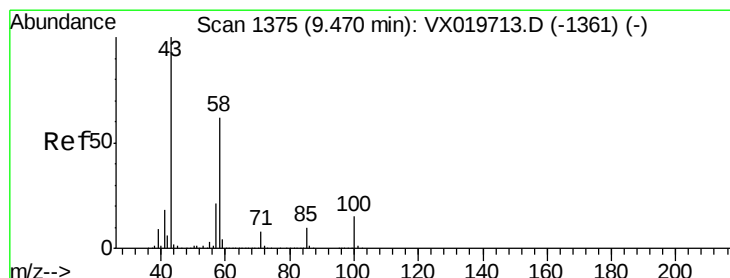
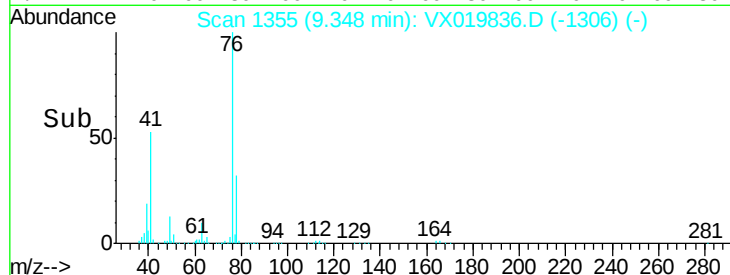
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 267.232 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX019836.D

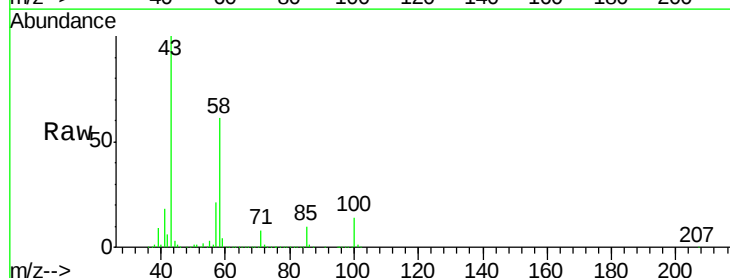
Acq: 10 Dec 2020 19:23

Tgt Ion: 43 Resp: 799435

Ion Ratio Lower Upper

43 100

58 61.5 30.9 92.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.47

600000

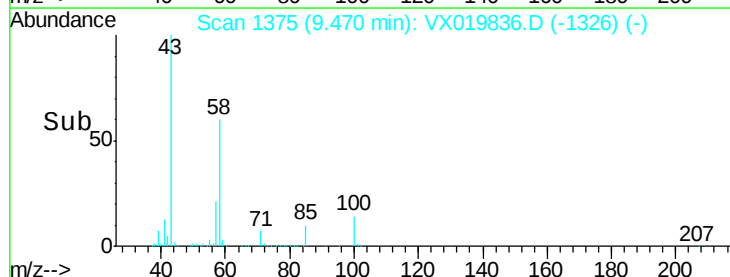
400000

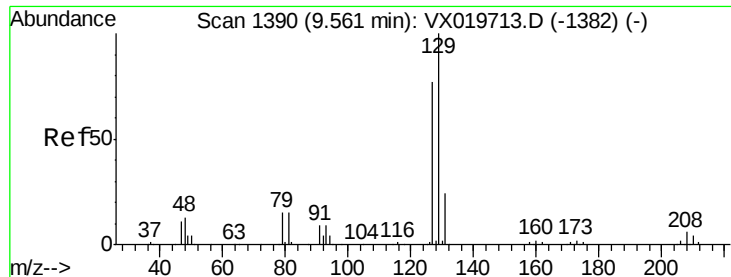
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 52.836 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

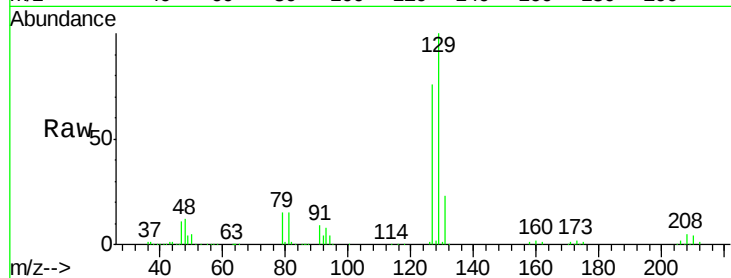
RE135D3-20201208MSD

Tgt Ion:129 Resp: 159158

Ion Ratio Lower Upper

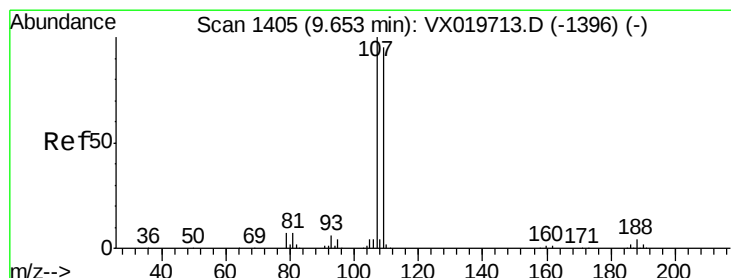
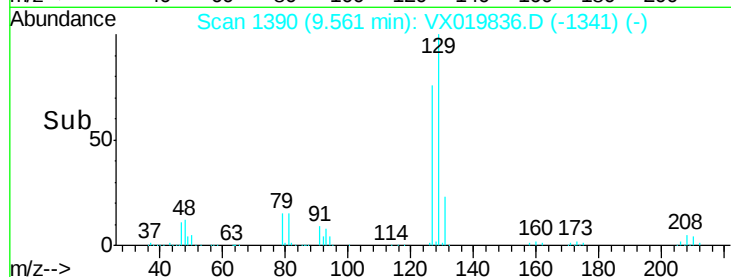
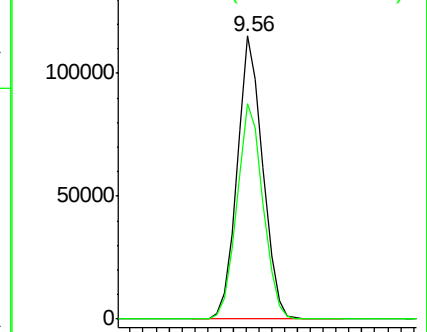
129 100

127 77.7 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.229 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019836.D

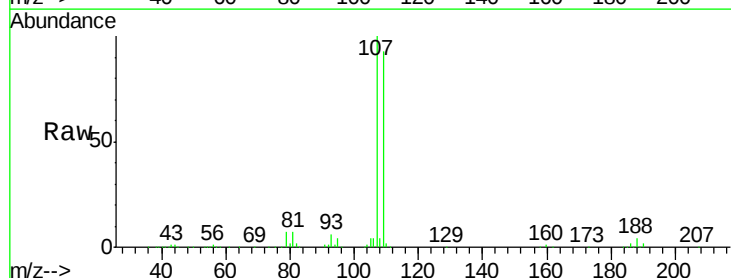
Acq: 10 Dec 2020 19:23

Tgt Ion:107 Resp: 164435

Ion Ratio Lower Upper

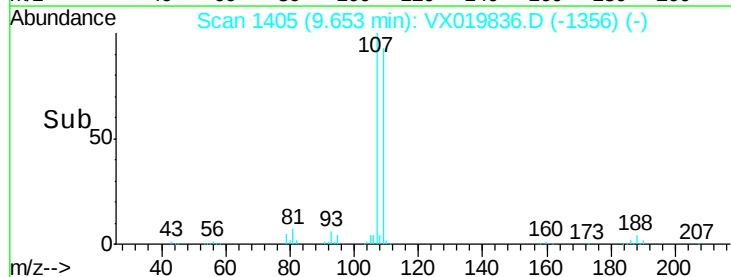
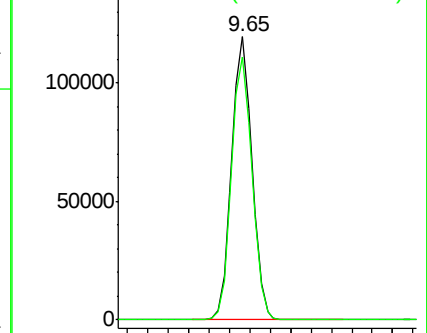
107 100

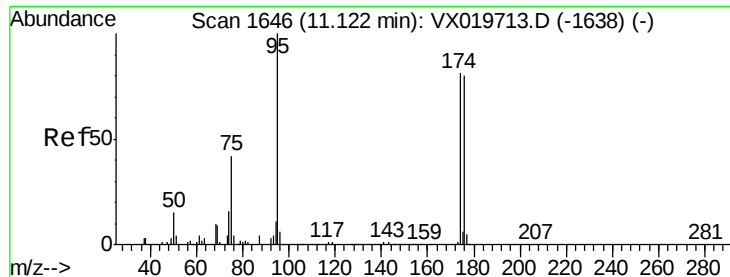
109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.910 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

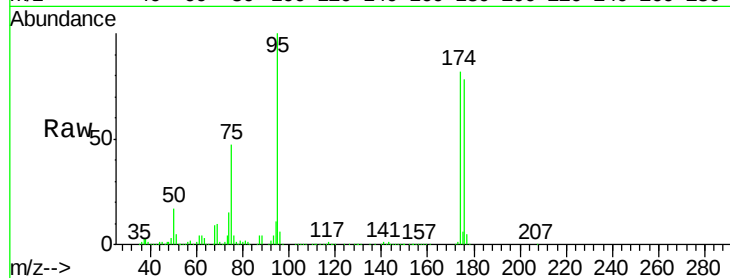
Tgt Ion: 95 Resp: 191739

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

176 75.7 0.0 155.8

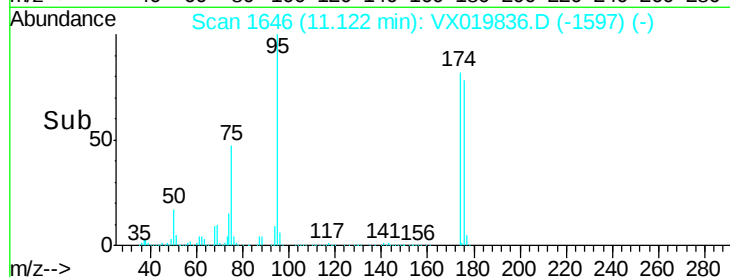


Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

Time-->

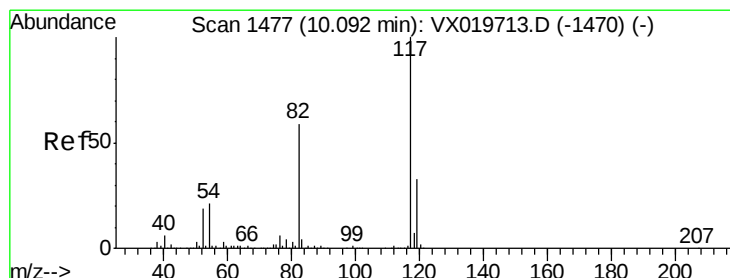


Abundance Ion 94.90 (94.60 to 95.60): VX019836.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019836.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019836.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

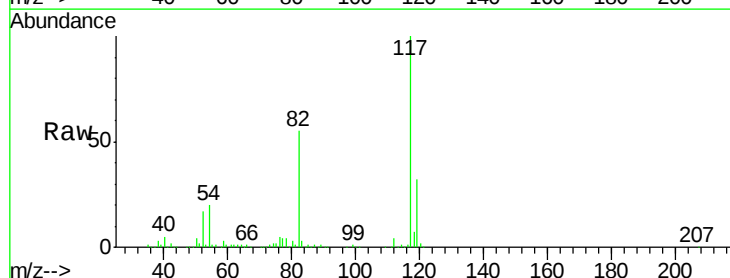
Tgt Ion: 117 Resp: 395885

Ion Ratio Lower Upper

117 100

82 54.7 47.4 71.2

119 32.0 26.6 39.8

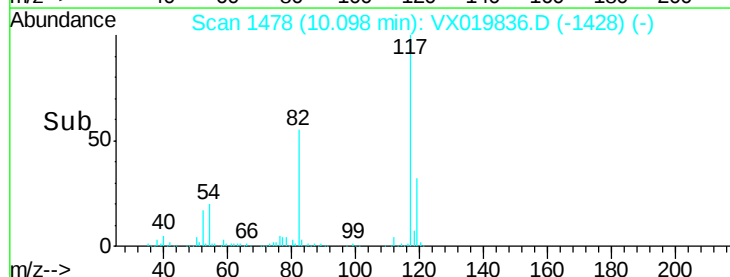


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

Time-->

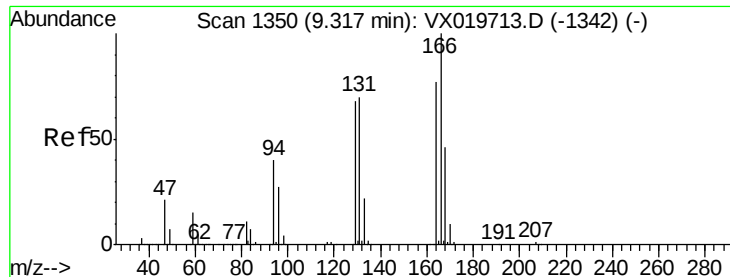


Abundance Ion 116.90 (116.60 to 117.60): VX019836.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019836.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019836.D (-1428) (-)

Time-->



#64

Tetrachloroethene

Concen: 73.104 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tgt Ion:164 Resp: 194083

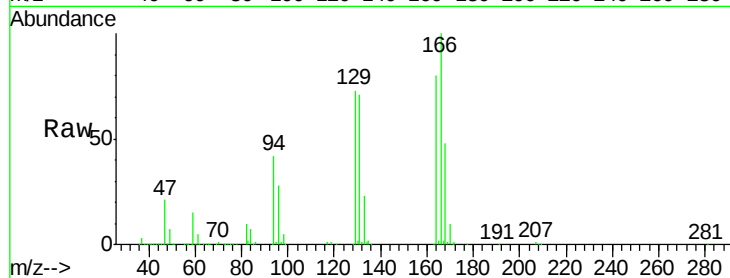
Ion Ratio Lower Upper

164 100

166 125.1 103.4 155.2

129 91.4 70.8 106.2

131 88.5 72.5 108.7

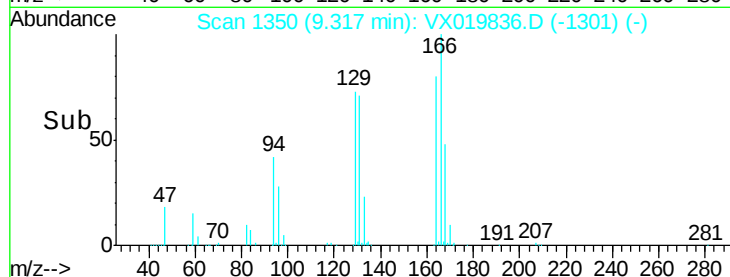


Abundance Ion 163.80 (163.50 to 164.50): V

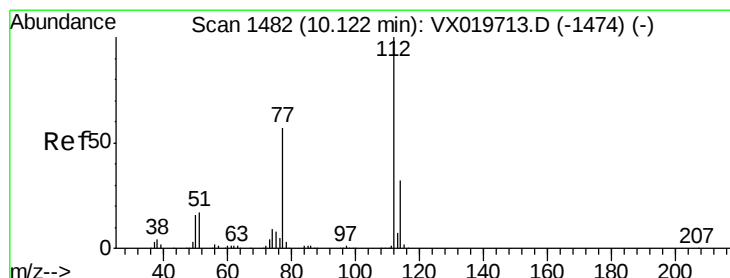
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 50.682 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019836.D

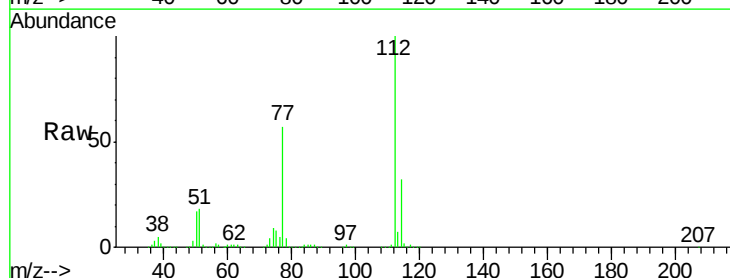
Acq: 10 Dec 2020 19:23

Tgt Ion:112 Resp: 399734

Ion Ratio Lower Upper

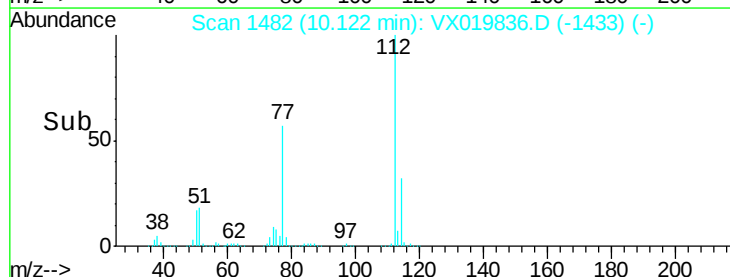
112 100

114 32.4 25.8 38.6

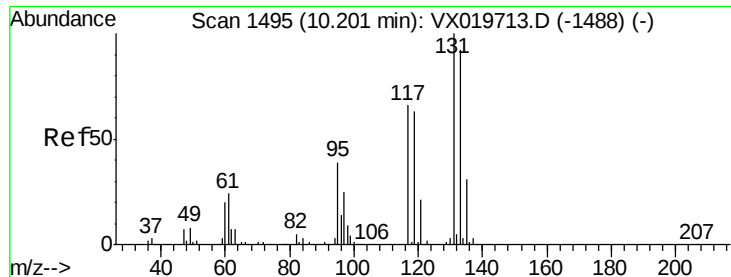


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.761 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

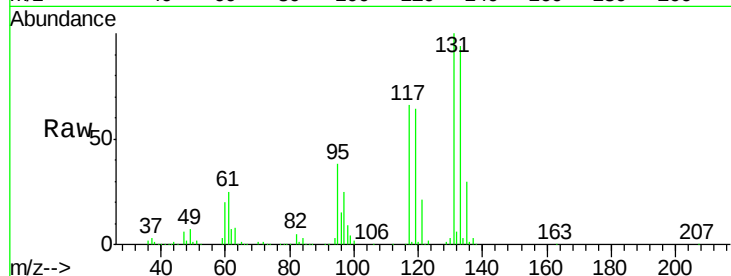
Tgt Ion: 131 Resp: 149778

Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

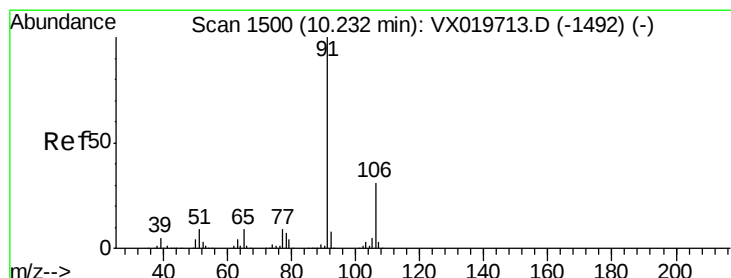
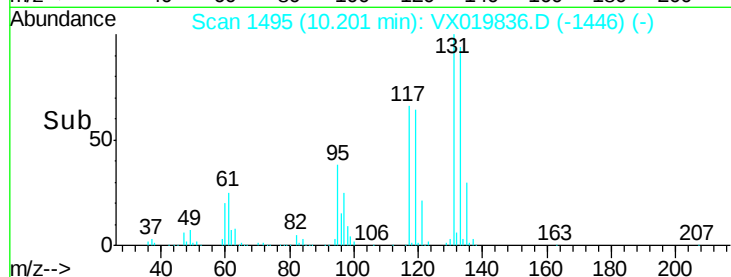
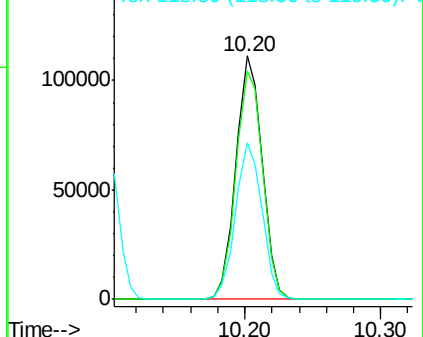
119 64.9 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.493 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019836.D

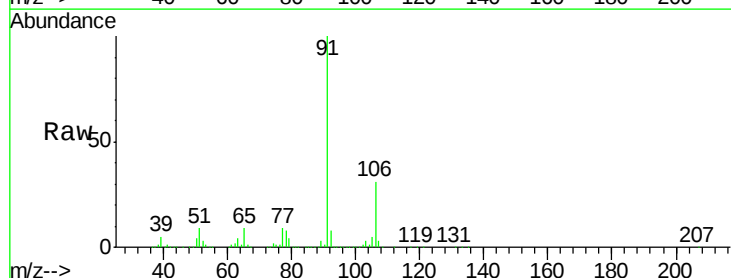
Acq: 10 Dec 2020 19:23

Tgt Ion: 91 Resp: 720902

Ion Ratio Lower Upper

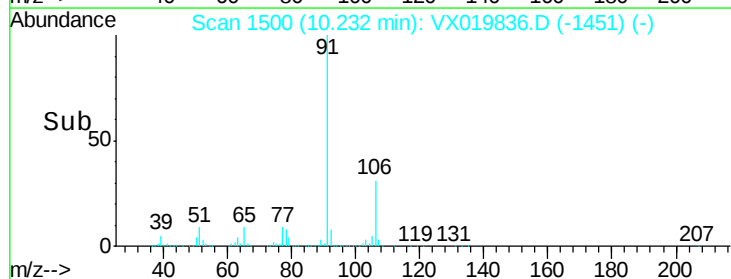
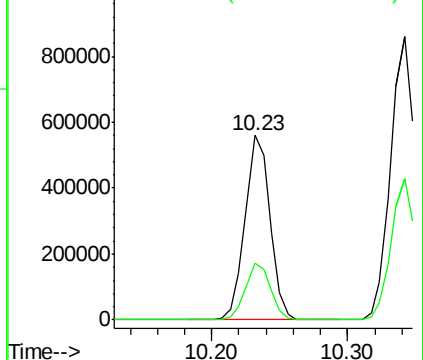
91 100

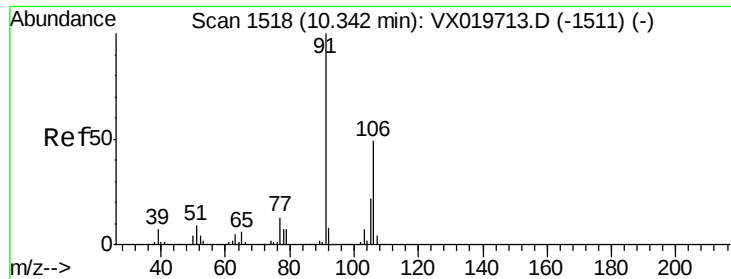
106 31.1 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

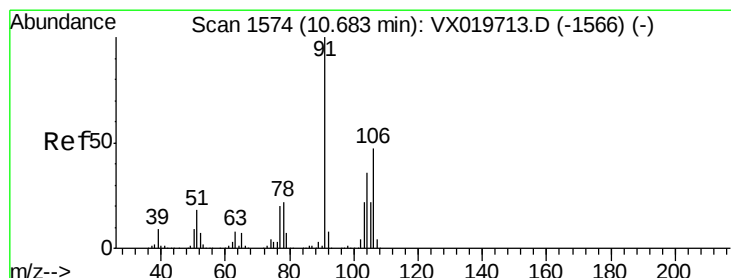
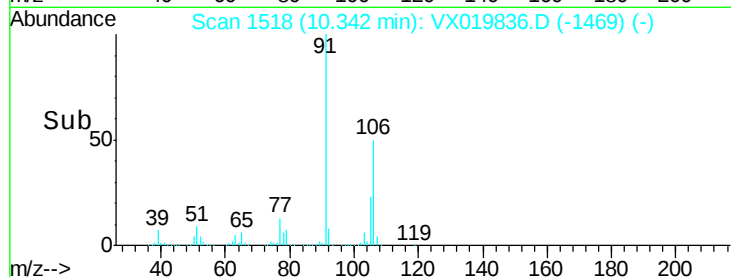
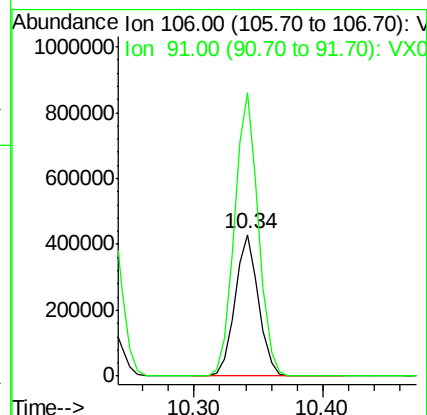
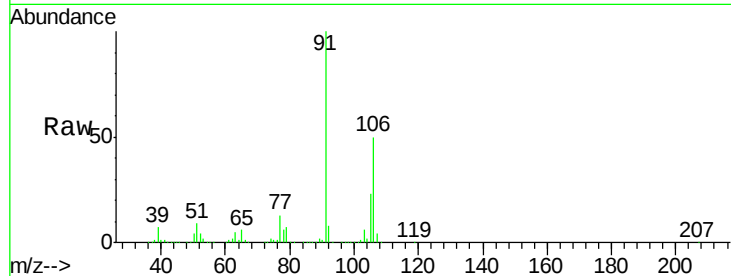




#68
m/p-Xylenes
Concen: 103.272 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

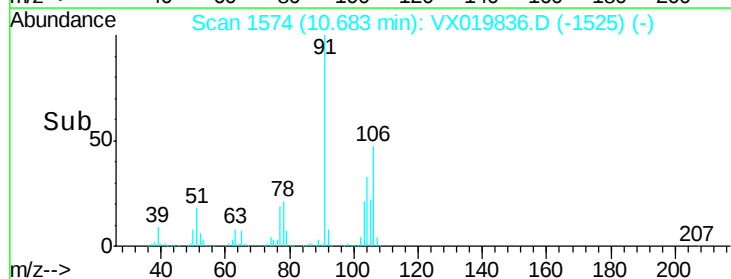
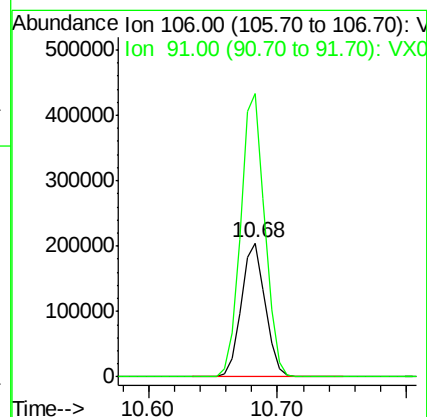
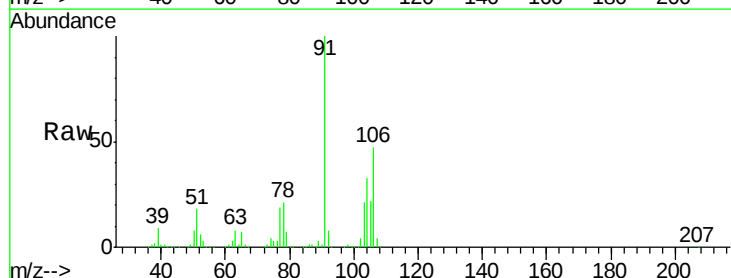
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

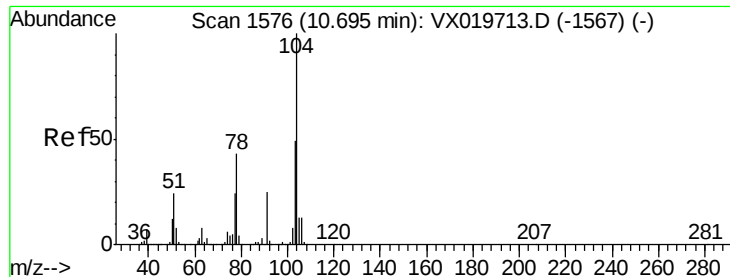
Tgt Ion:106 Resp: 544804
Ion Ratio Lower Upper
106 100
91 204.2 162.8 244.2



#69
o-Xylene
Concen: 51.905 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion:106 Resp: 263402
Ion Ratio Lower Upper
106 100
91 213.3 108.1 324.2

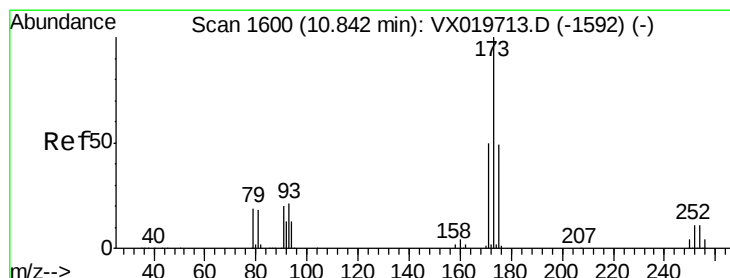
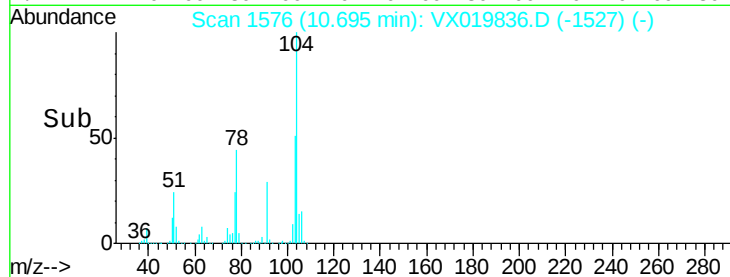
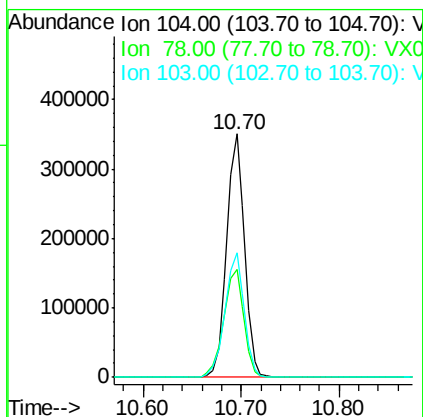
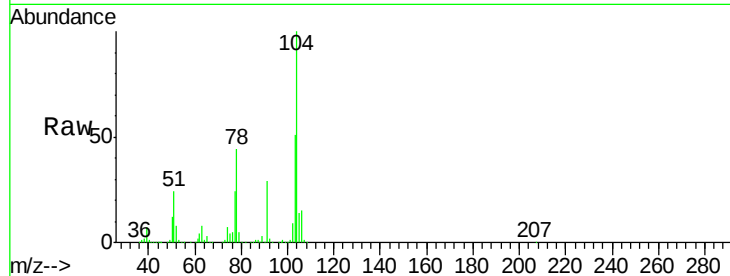




#70
Styrene
Concen: 52.024 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

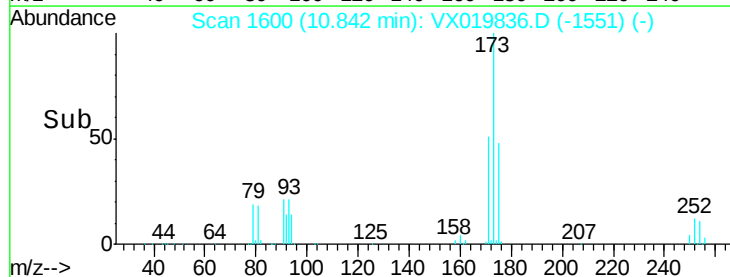
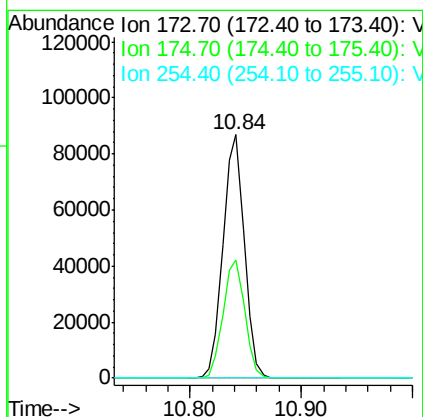
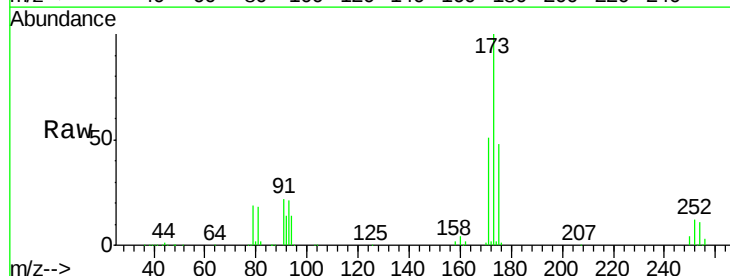
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

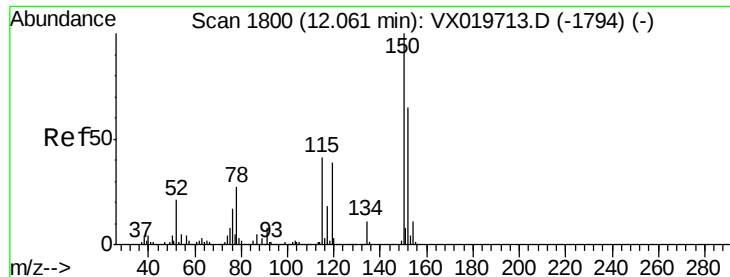
Tgt Ion:104 Resp: 445608
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.8 43.4 65.0



#71
Bromoform
Concen: 51.518 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion:173 Resp: 115052
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

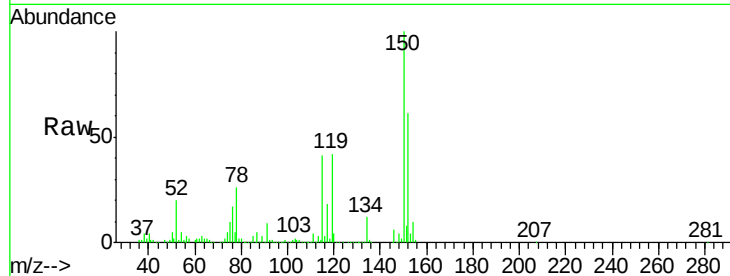
Tgt Ion:152 Resp: 195081

Ion Ratio Lower Upper

152 100

115 83.5 41.1 123.3

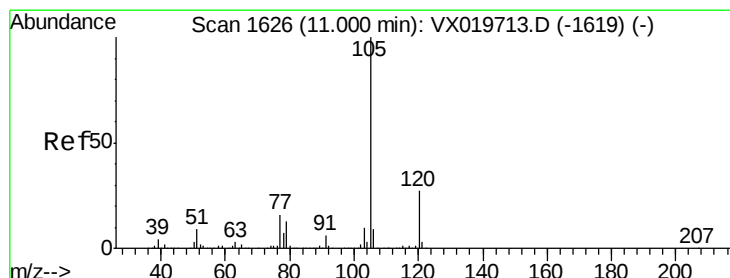
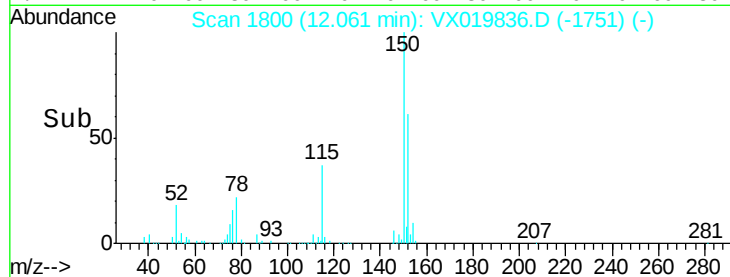
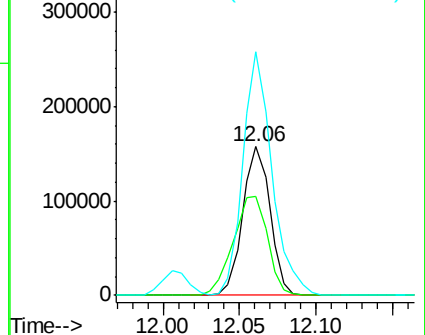
150 174.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.798 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019836.D

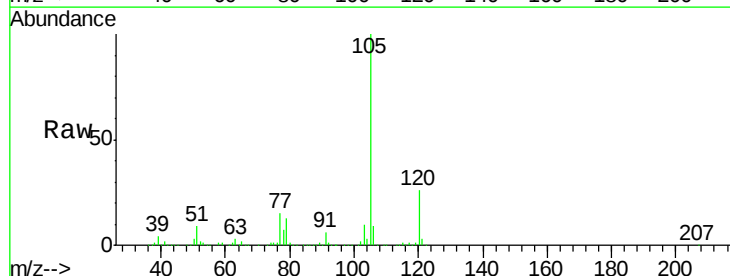
Acq: 10 Dec 2020 19:23

Tgt Ion:105 Resp: 703682

Ion Ratio Lower Upper

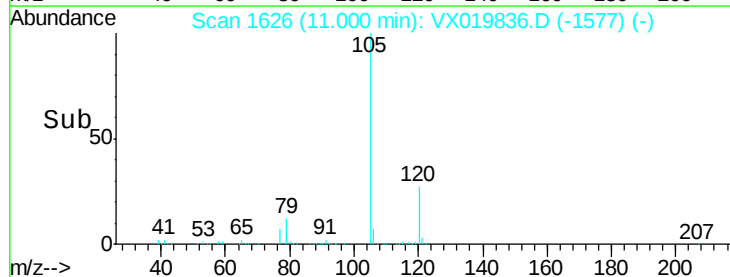
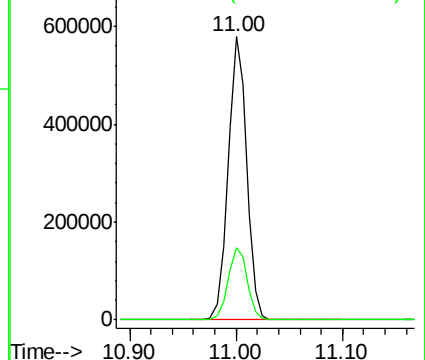
105 100

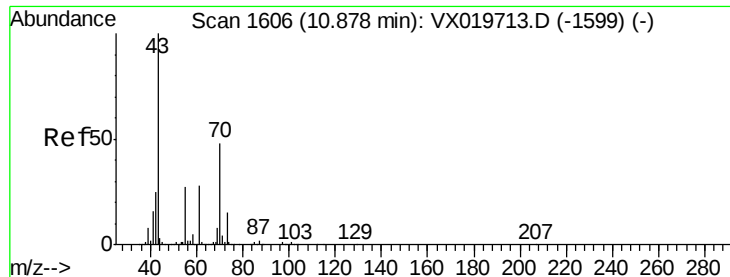
120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 49.252 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

Tgt Ion: 43 Resp: 263059

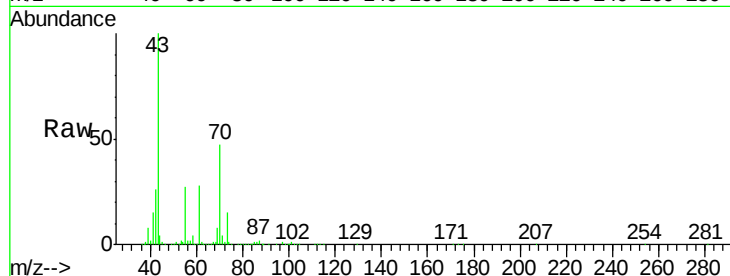
Ion Ratio Lower Upper

43 100

70 49.7 39.0 58.6

55 27.6 21.5 32.3

61 27.8 22.1 33.1

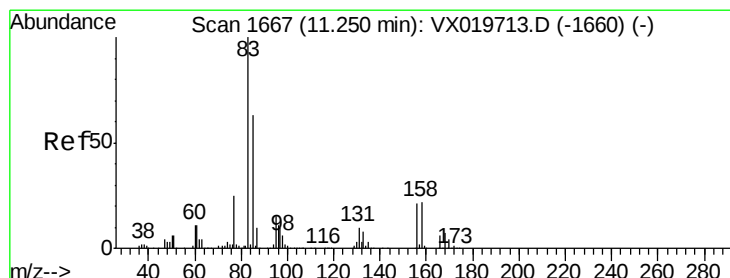
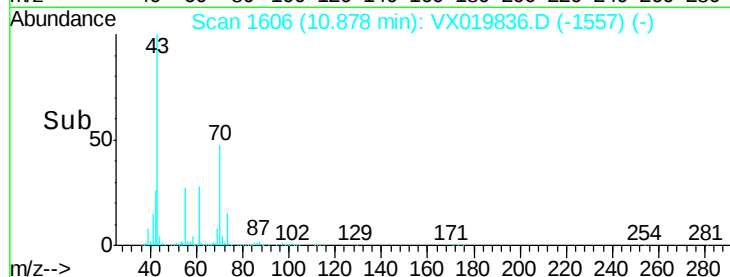
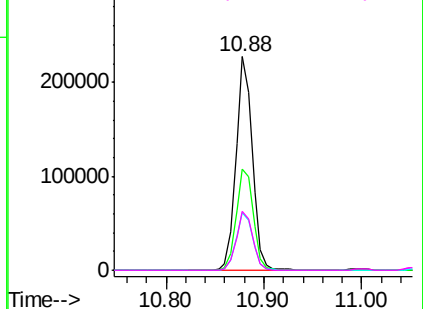


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 53.878 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

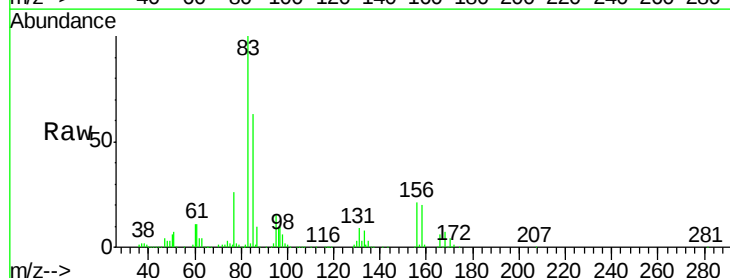
Tgt Ion: 83 Resp: 253167

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

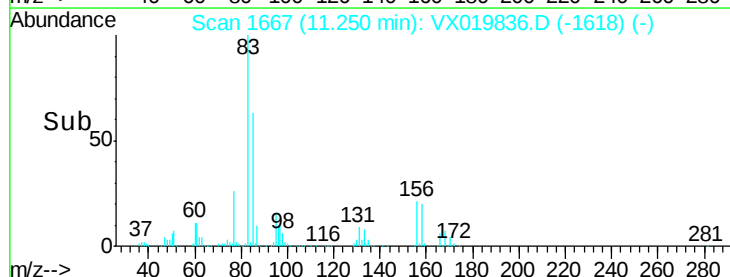
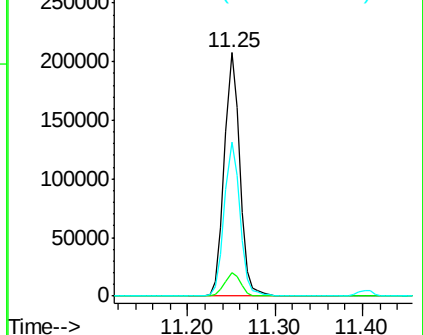
85 64.4 31.8 95.4

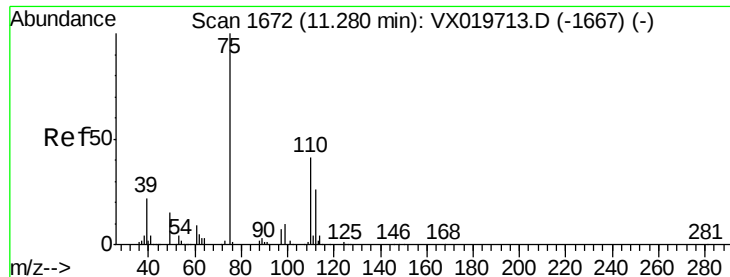


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

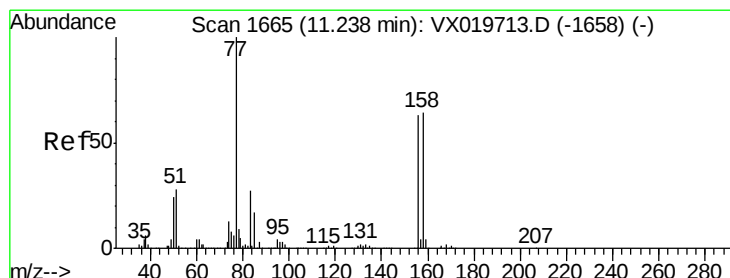
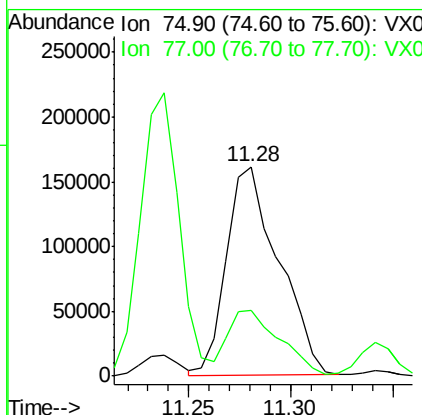
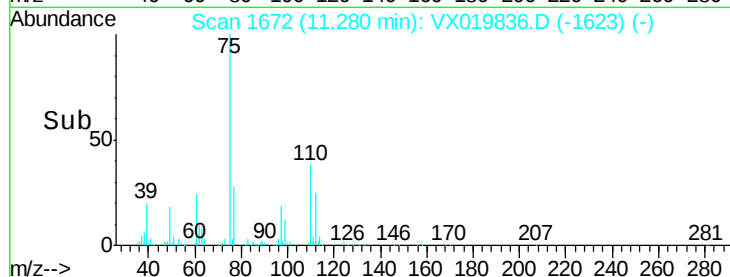
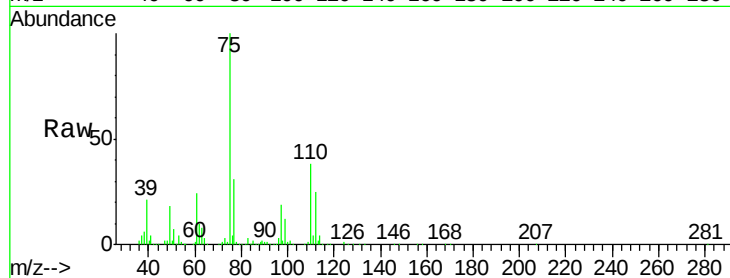




#76
1,2,3-Trichloropropane
Concen: 65.298 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

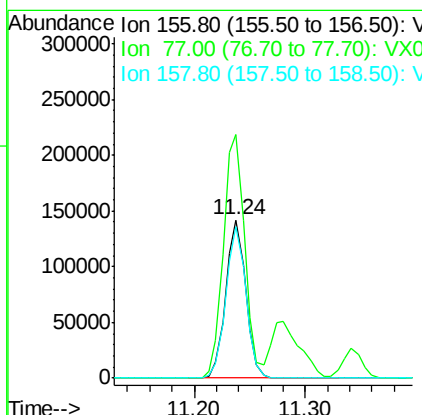
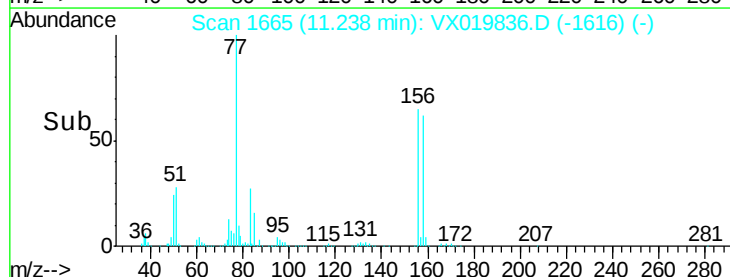
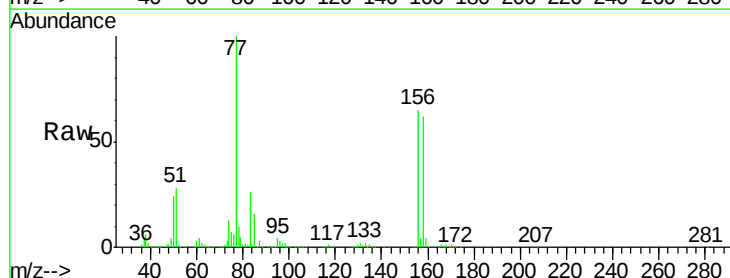
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

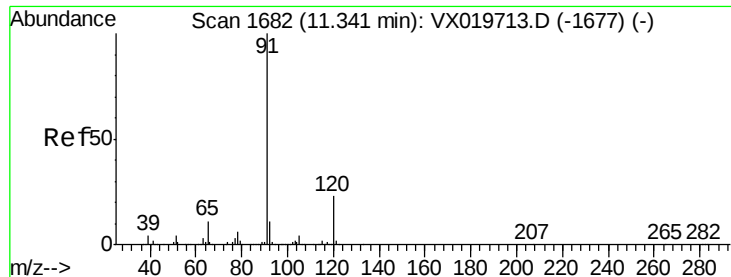
Tgt Ion: 75 Resp: 285702
Ion Ratio Lower Upper
75 100
77 31.2 19.1 57.5



#77
Bromobenzene
Concen: 51.542 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 156 Resp: 175797
Ion Ratio Lower Upper
156 100
77 165.0 82.8 248.6
158 95.9 49.1 147.4

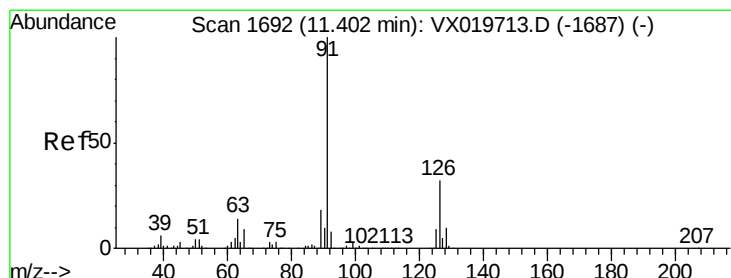
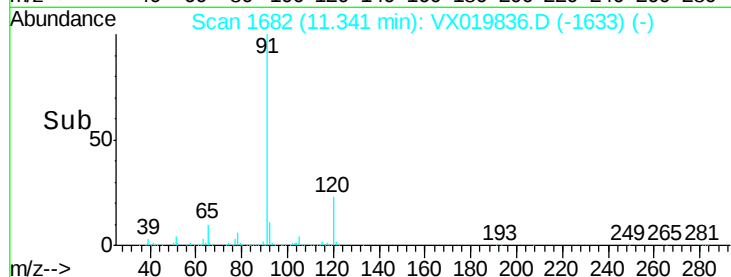
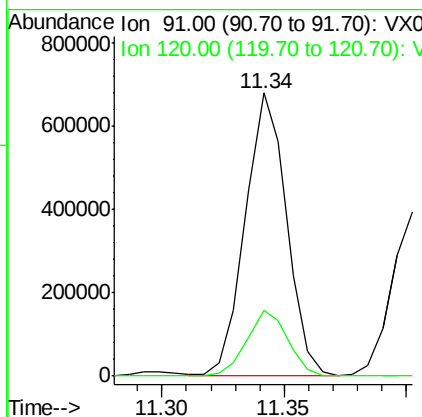
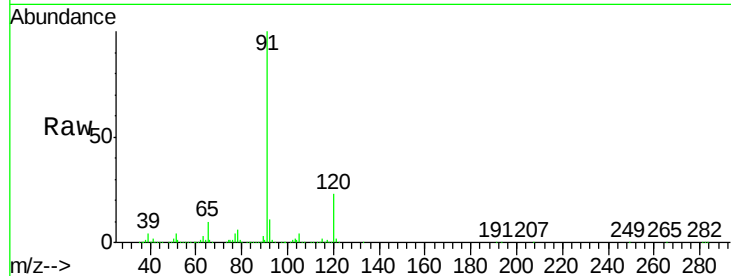




#78
n-propylbenzene
Concen: 52.482 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

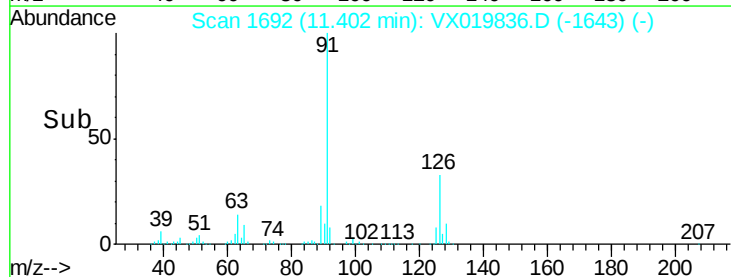
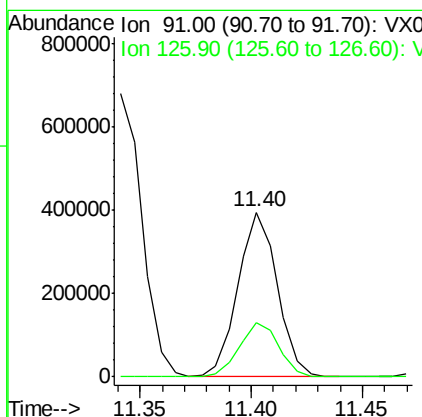
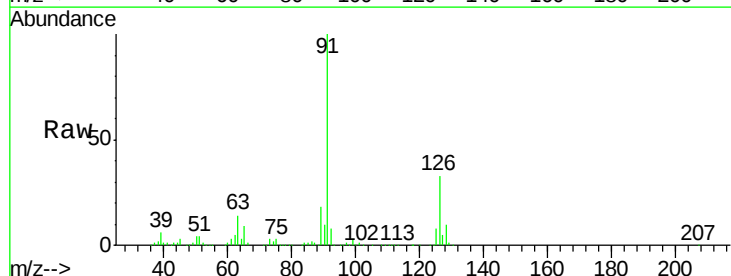
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

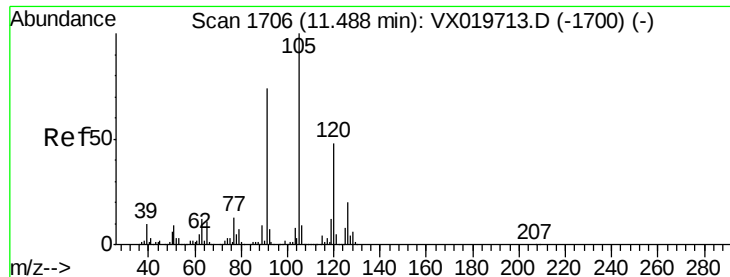
Tgt Ion: 91 Resp: 798905
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5



#79
2-Chlorotoluene
Concen: 51.846 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 91 Resp: 486017
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

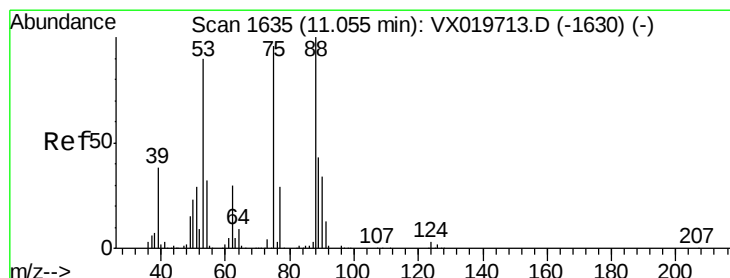
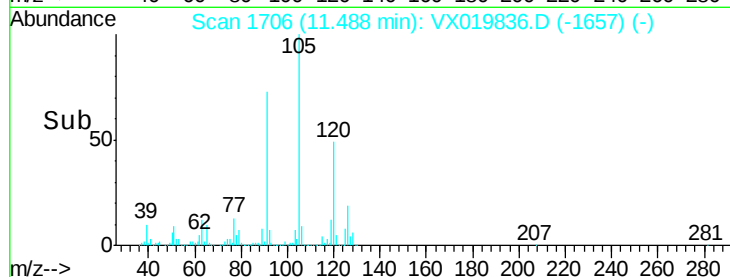
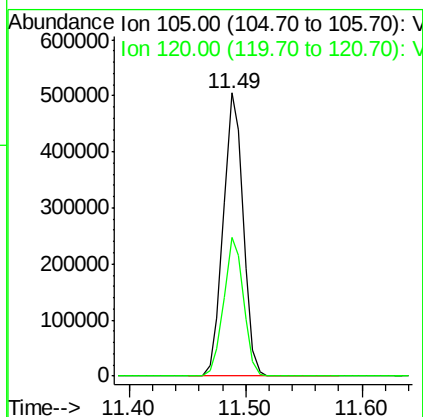
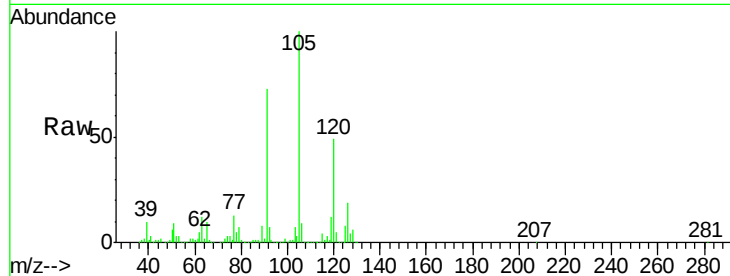




#80
 1,3,5-Trimethylbenzene
 Concen: 52.948 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

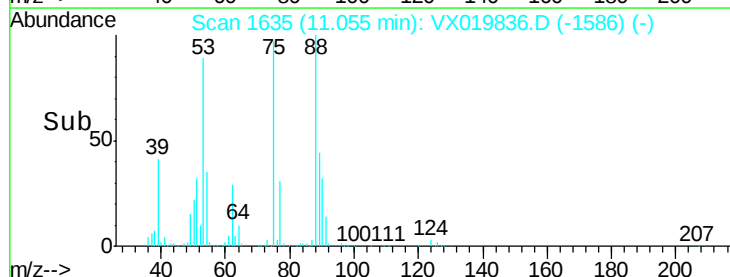
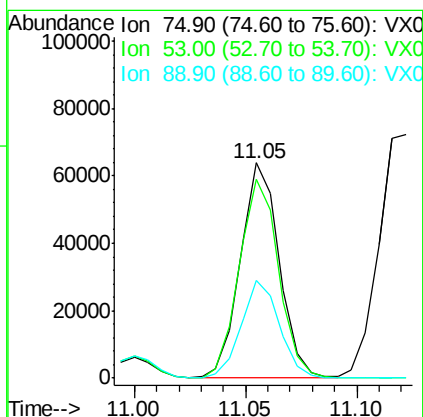
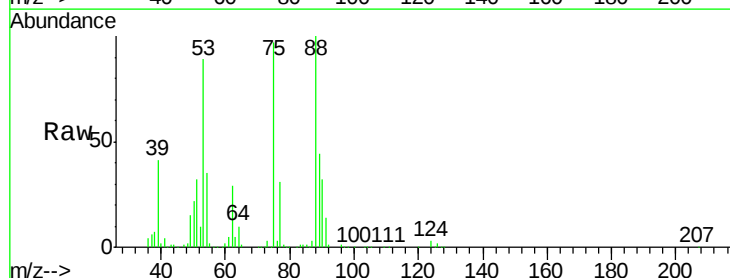
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

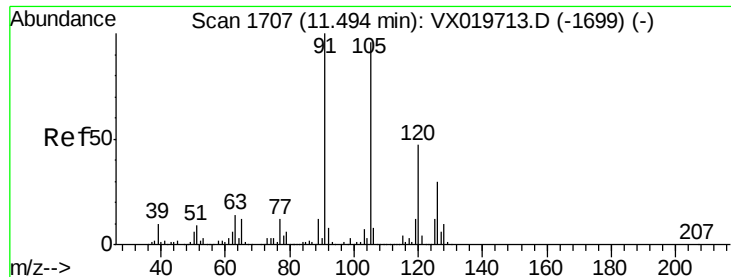
Tgt Ion:105 Resp: 595575
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.364 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Tgt Ion: 75 Resp: 77741
 Ion Ratio Lower Upper
 75 100
 53 93.4 74.5 111.7
 89 44.8 37.9 56.9

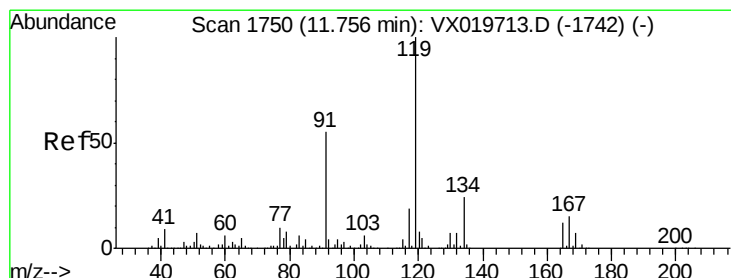
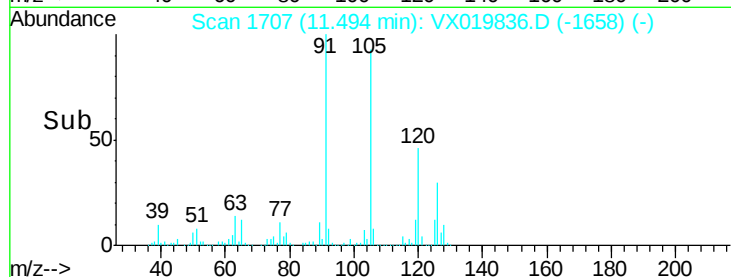
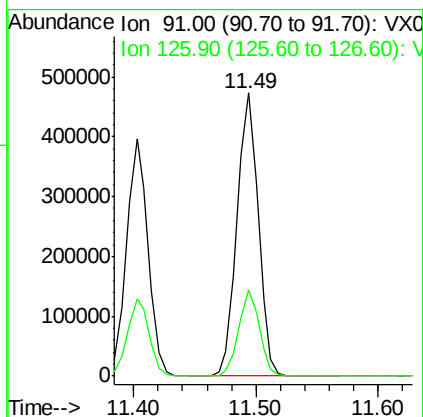
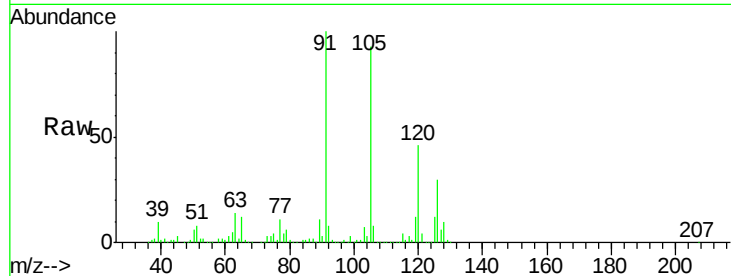




#82
4-Chlorotoluene
Concen: 51.516 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

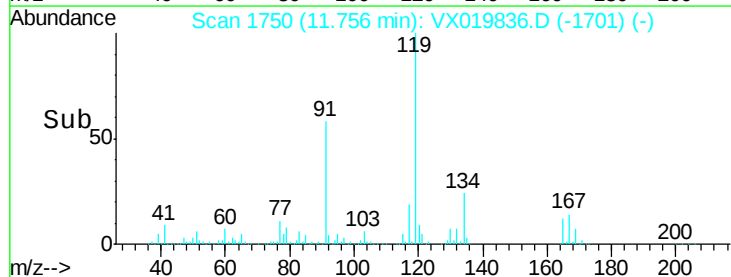
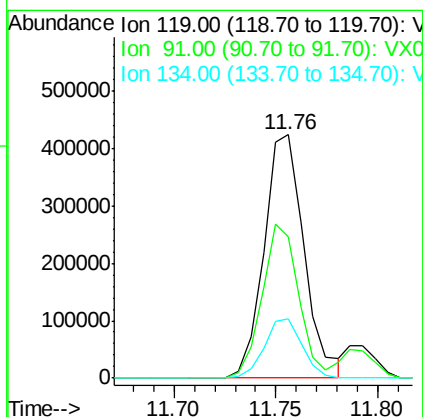
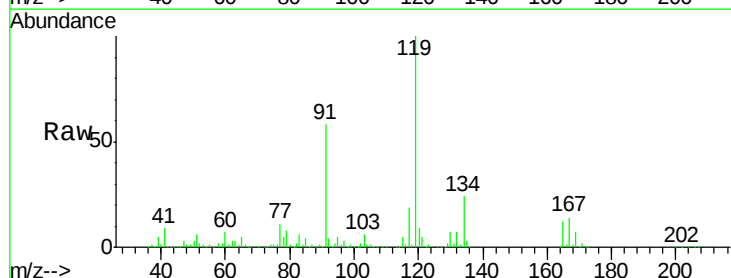
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

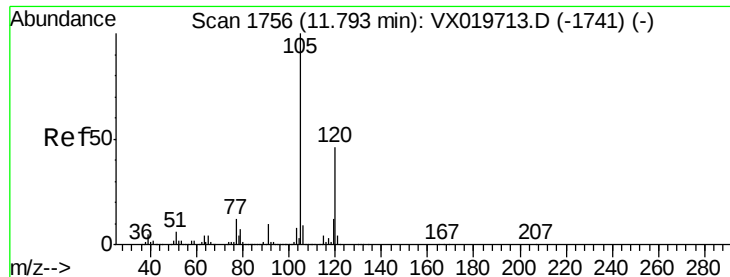
Tgt Ion: 91 Resp: 565590
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.5



#83
tert-Butylbenzene
Concen: 52.742 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion: 119 Resp: 581846
Ion Ratio Lower Upper
119 100
91 57.2 27.9 83.7
134 22.9 11.3 33.9

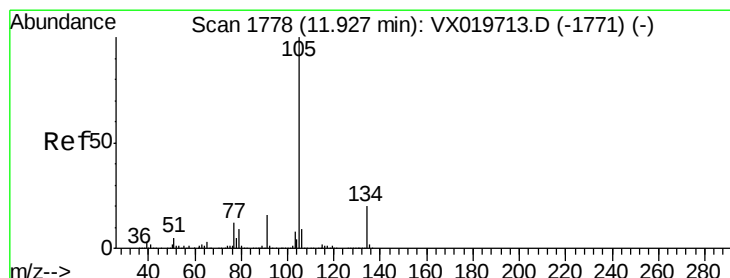
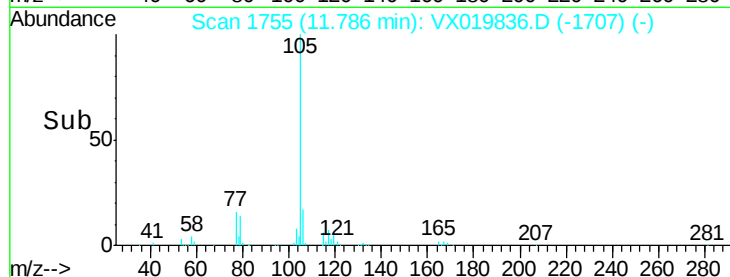
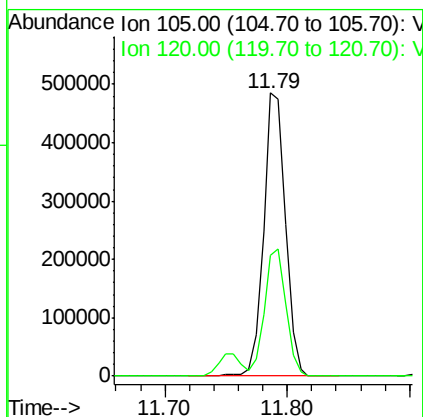
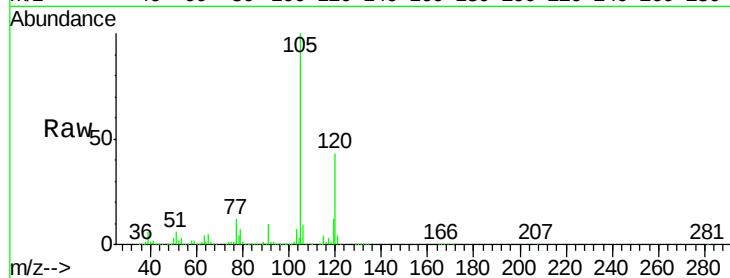




#84
1,2,4-Trimethylbenzene
Concen: 53.361 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

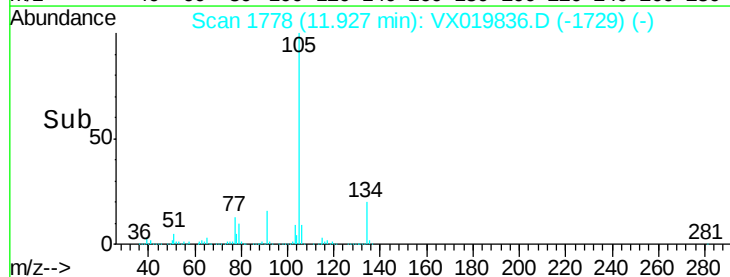
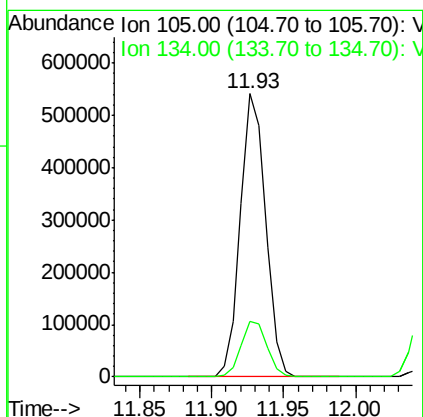
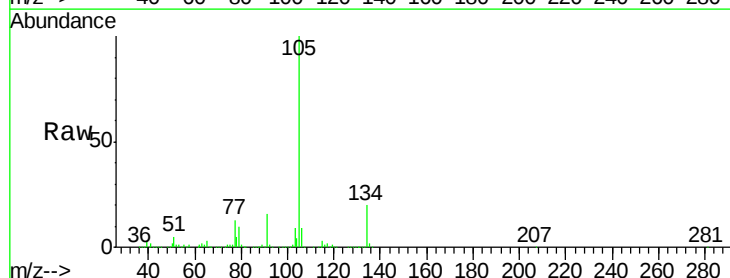
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

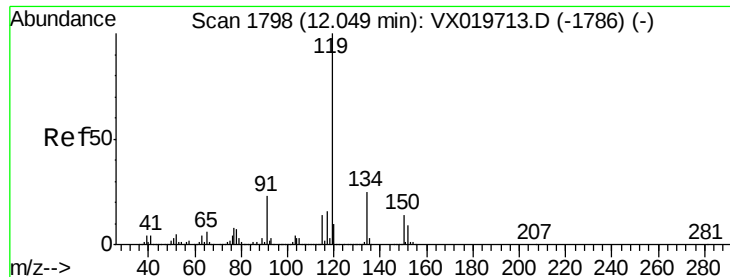
Tgt Ion:105 Resp: 604614
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3



#85
sec-Butylbenzene
Concen: 52.434 ug/l
RT: 11.93 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion:105 Resp: 660415
Ion Ratio Lower Upper
105 100
134 20.1 10.0 29.8

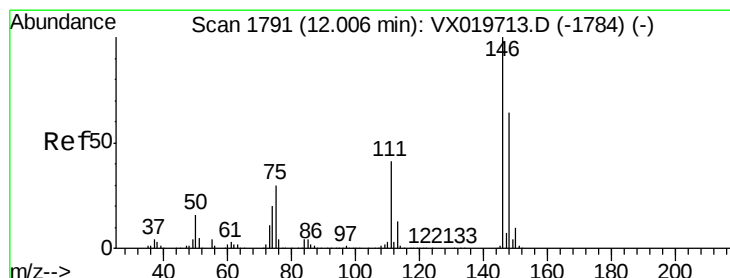
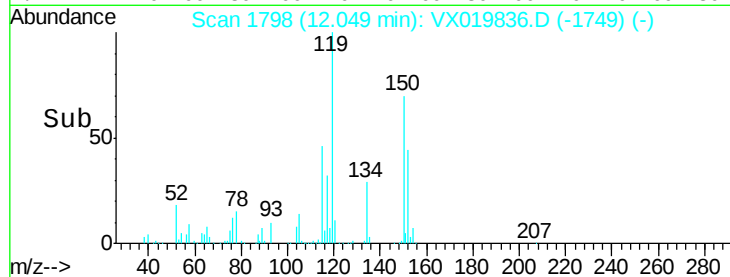
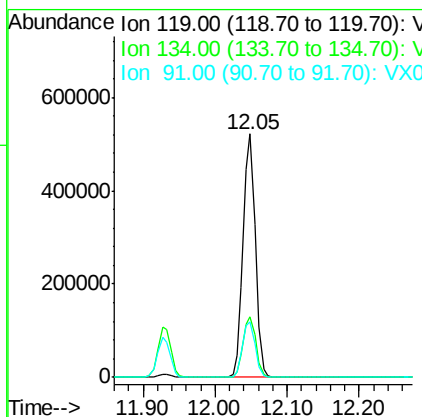
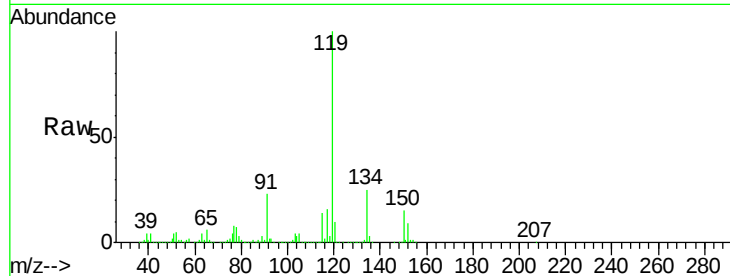




#86
p-Isopropyltoluene
Concen: 53.170 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

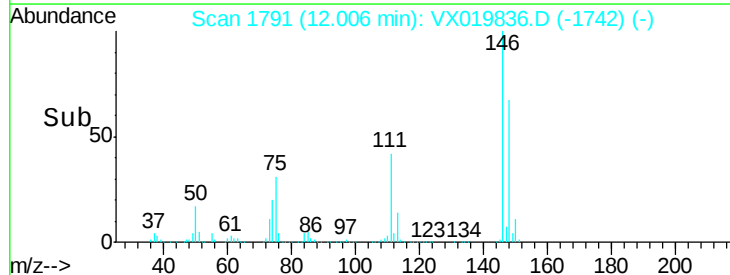
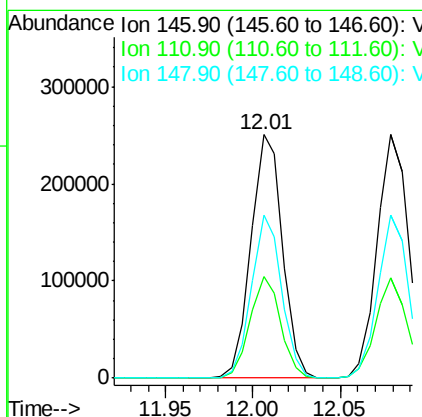
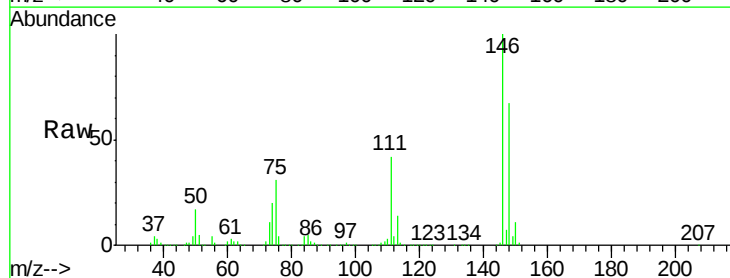
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MSD

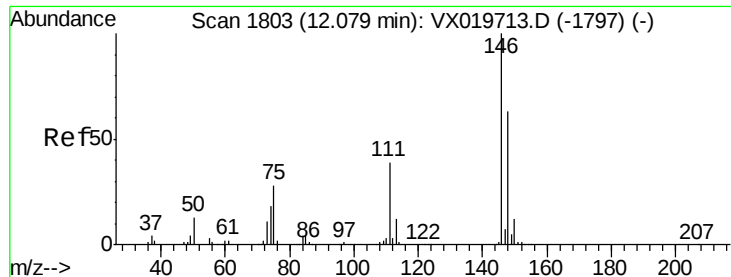
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	23.4	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 50.088 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX019836.D
Acq: 10 Dec 2020 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	64.3	31.9	95.7





#88

1,4-Dichlorobenzene

Concen: 48.906 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

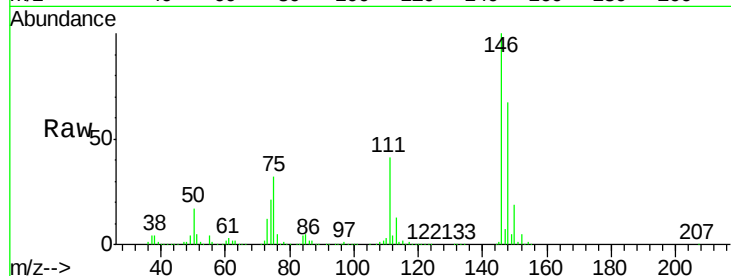
Tgt Ion:146 Resp: 311823

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.8

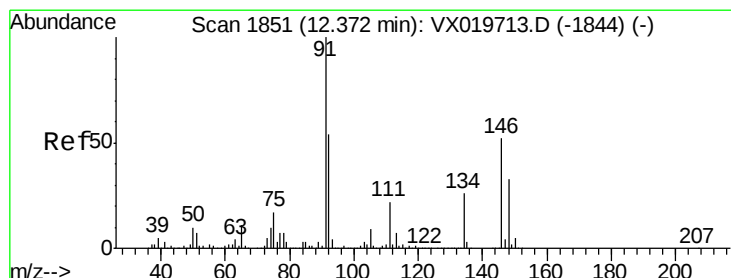
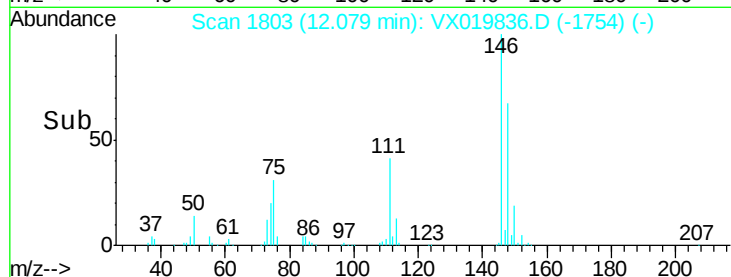
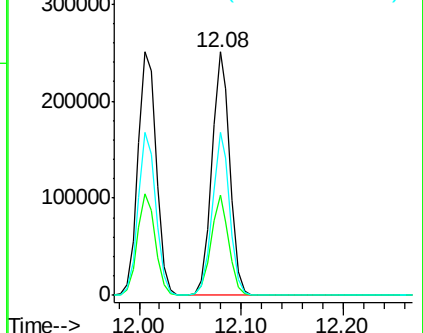
148 64.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 51.311 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

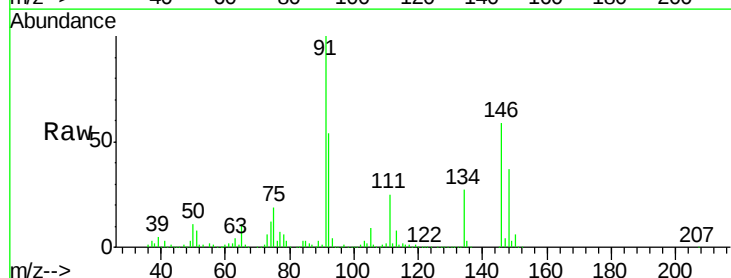
Tgt Ion: 91 Resp: 524756

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

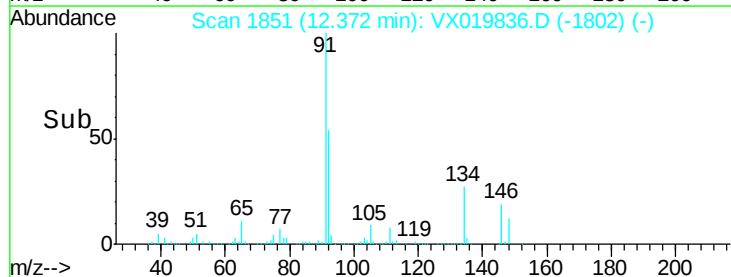
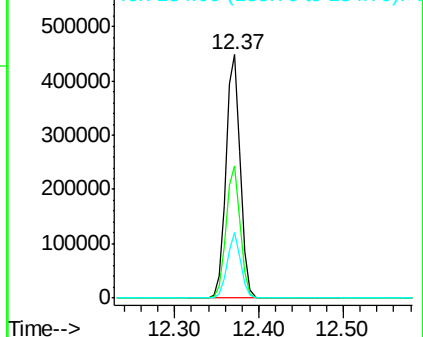
134 25.5 13.2 39.5

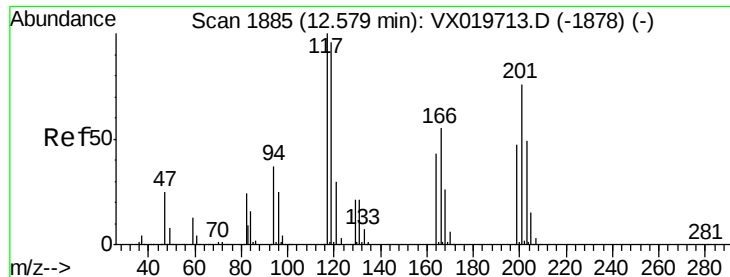


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 52.074 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

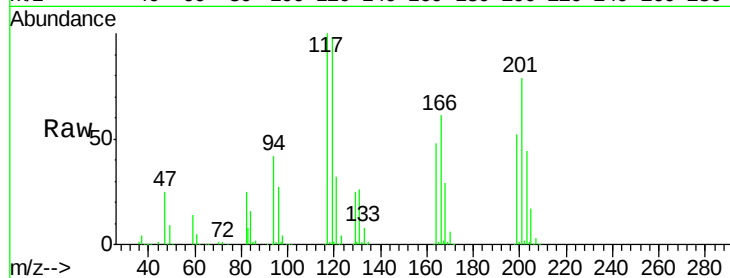
RE135D3-20201208MSD

Tgt Ion:117 Resp: 103777

Ion Ratio Lower Upper

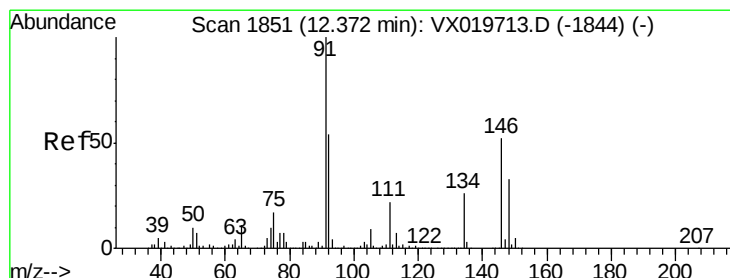
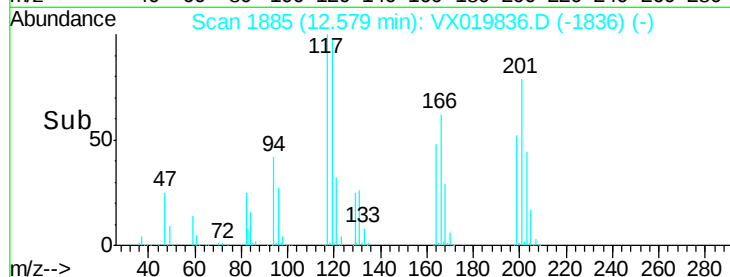
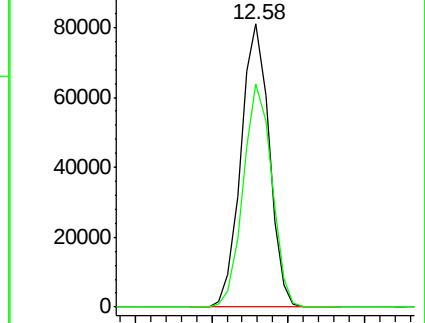
117 100

201 79.5 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 51.887 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

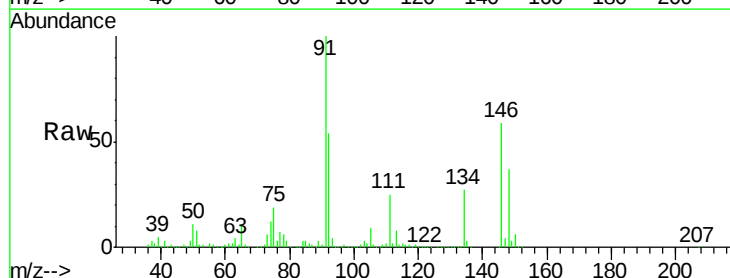
Tgt Ion:146 Resp: 316637

Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.2

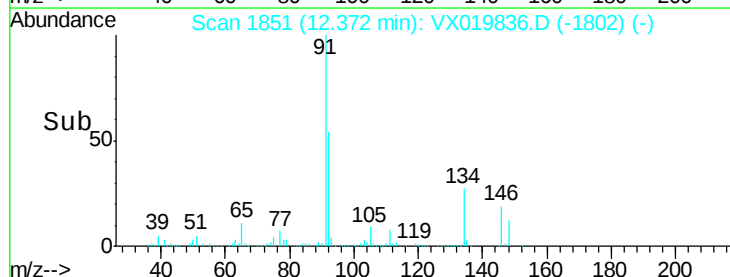
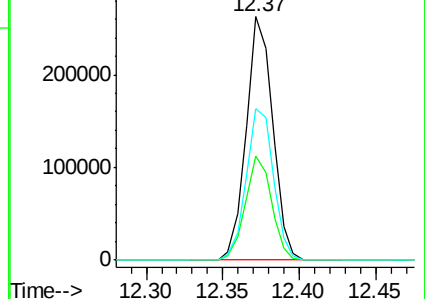
148 64.2 31.9 95.5

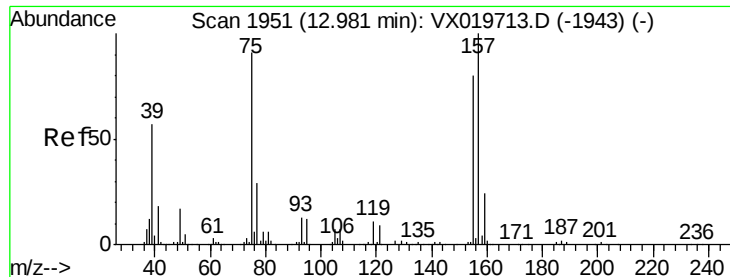


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.016 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

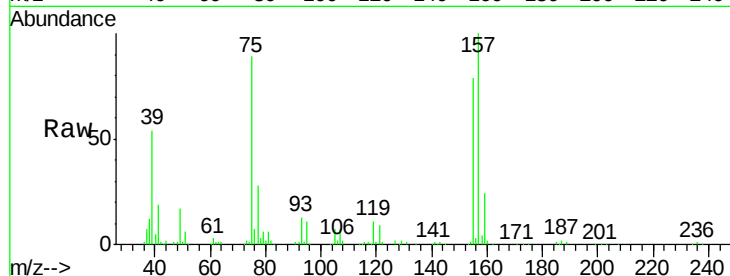
Tgt Ion: 75 Resp: 55574

Ion Ratio Lower Upper

75 100

155 87.4 45.3 135.9

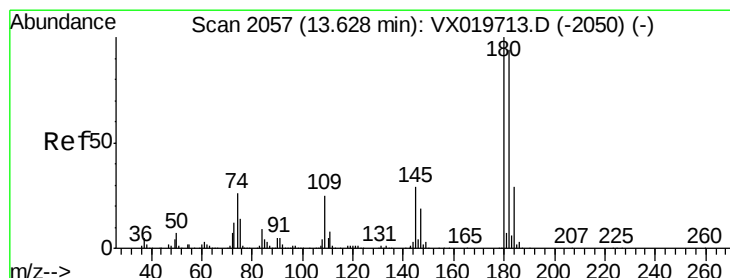
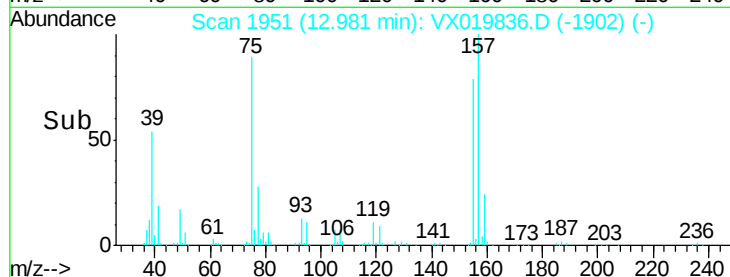
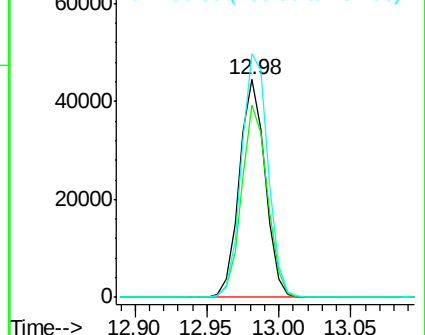
157 114.0 57.7 173.1



Abundance Ion 74.90 (74.60 to 75.60): VX019836.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX019836.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX019836.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.991 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

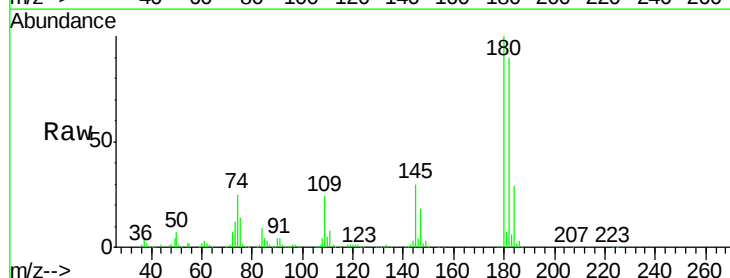
Tgt Ion: 180 Resp: 206527

Ion Ratio Lower Upper

180 100

182 92.9 47.7 143.1

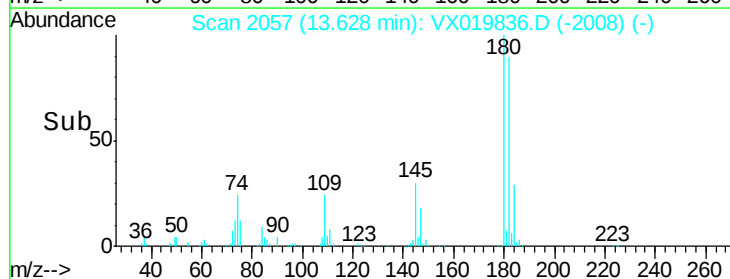
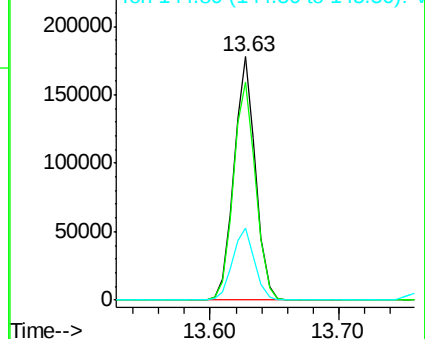
145 30.3 15.0 45.0

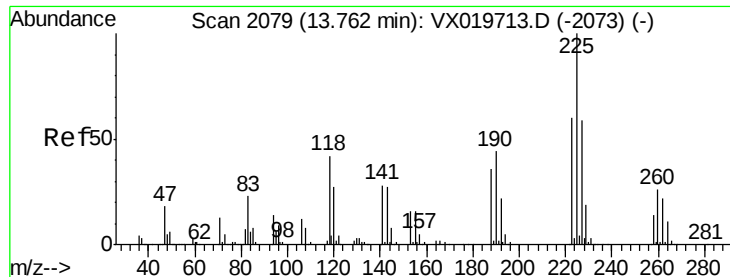


Abundance Ion 179.80 (179.50 to 180.50): VX019836.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX019836.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX019836.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 50.487 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MSD

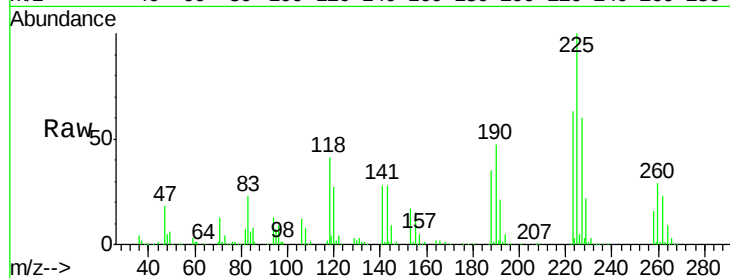
Tgt Ion:225 Resp: 89639

Ion Ratio Lower Upper

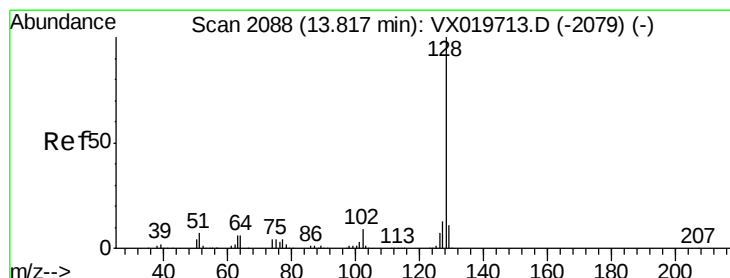
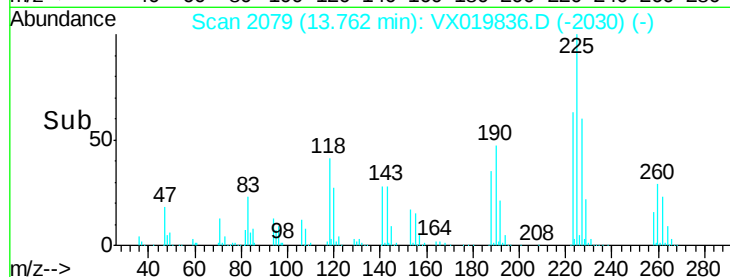
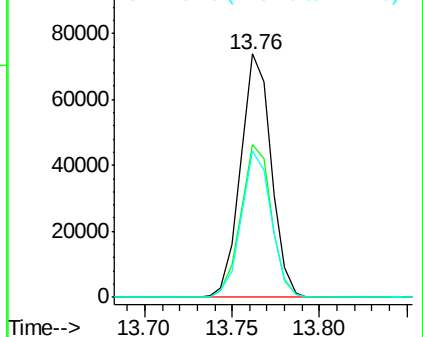
225 100

223 62.3 31.1 93.2

227 59.1 31.6 95.0



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: 54.314 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019836.D

Acq: 10 Dec 2020 19:23

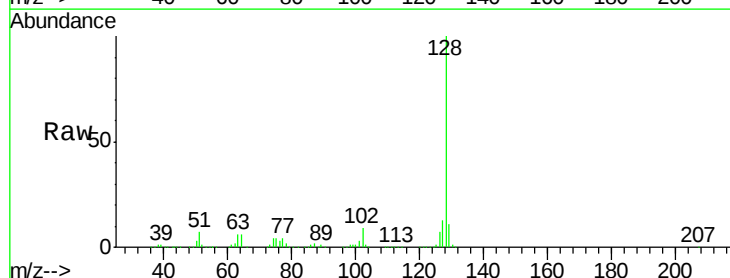
Tgt Ion:128 Resp: 699480

Ion Ratio Lower Upper

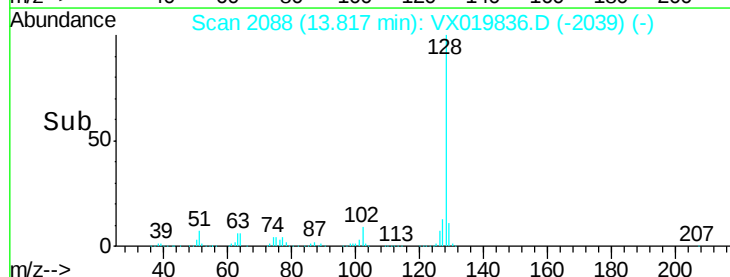
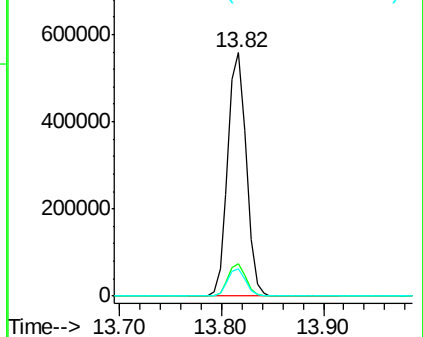
128 100

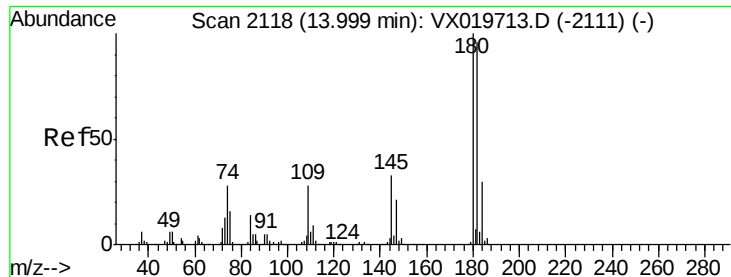
127 13.0 10.3 15.5

129 11.1 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

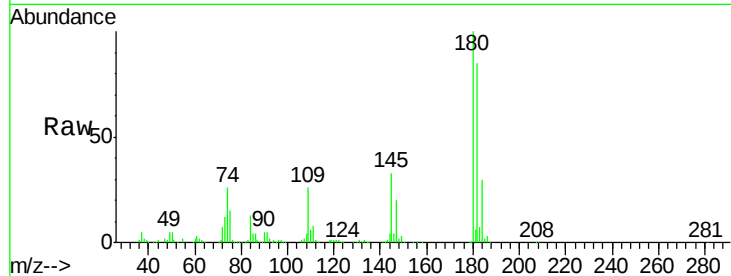




#96
 1,2,3-Trichlorobenzene
 Concen: 54.259 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019836.D
 Acq: 10 Dec 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.6	142.9
145	32.1	16.1	48.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

