

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019835.D
 Acq On : 10 Dec 2020 19:00
 Operator : JC/MD
 Sample : L4996-23MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

Quant Time: Dec 11 00:53:26 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	5.62	168	257927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	391503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193459	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	163212	48.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.30%	
35) Dibromofluoromethane		5.46	113	133563	48.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.42%	
50) Toluene-d8		8.70	98	506435	48.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.76%	
62) 4-Bromofluorobenzene		11.12	95	190877	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	120925	51.208	ug/l	100
3) Chloromethane	1.31	50	134732	48.514	ug/l	100
4) Vinyl Chloride	1.39	62	152519	52.085	ug/l	99
5) Bromomethane	1.62	94	45949	47.257	ug/l	99
6) Chloroethane	1.70	64	97983	55.702	ug/l	98
7) Trichlorofluoromethane	1.91	101	215577	52.862	ug/l	96
8) Diethyl Ether	2.17	74	88849	51.412	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	151731	64.912	ug/l	99
10) Methyl Iodide	2.49	142	152279	44.197	ug/l	99
11) Tert butyl alcohol	3.01	59	178325	255.940	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129002	54.589	ug/l	99
13) Acrolein	2.27	56	84408	225.580	ug/l	99
14) Allyl chloride	2.70	41	204960	51.353	ug/l	99
15) Acrylonitrile	3.11	53	423036	276.045	ug/l	100
16) Acetone	2.42	43	337719	265.047	ug/l	99
17) Carbon Disulfide	2.55	76	312658	46.110	ug/l	99
18) Methyl Acetate	2.75	43	168068	53.902	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	462282	53.715	ug/l	98
20) Methylene Chloride	2.83	84	155295	53.485	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143696	52.156	ug/l	99
22) Diisopropyl ether	3.82	45	442540	54.840	ug/l	92
23) Vinyl Acetate	3.78	43	1774684	258.139	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263799	54.211	ug/l	99
25) 2-Butanone	4.63	43	538134	274.851	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191819	45.774	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	180417	55.957	ug/l	98
28) Bromochloromethane	4.98	49	115821	49.928	ug/l	100
29) Tetrahydrofuran	5.09	42	348952	276.625	ug/l	99
30) Chloroform	5.17	83	271749	54.311	ug/l	98
31) Cyclohexane	5.54	56	220870	52.379	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	231092	53.631	ug/l	99
36) 1,1-Dichloropropene	5.76	75	193897	50.576	ug/l	100
37) Ethyl Acetate	4.79	43	196389	50.736	ug/l	99
38) Carbon Tetrachloride	5.75	117	194006	51.676	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229764	51.011	ug/l	100
40) Benzene	6.11	78	610823	52.158	ug/l	100
41) Methacrylonitrile	5.00	41	115117	54.166	ug/l	99
42) 1,2-Dichloroethane	6.16	62	210759	52.673	ug/l	100
43) Isopropyl Acetate	6.41	43	317094	50.387	ug/l	100
44) Trichloroethene	7.18	130	208326	67.799	ug/l	100
45) 1,2-Dichloropropane	7.49	63	166616	56.925	ug/l	100
46) Dibromomethane	7.63	93	104544	52.891	ug/l	100
47) Bromodichloromethane	7.87	83	206533	52.658	ug/l	99
48) Methyl methacrylate	7.74	41	164188	53.048	ug/l	99
49) 1,4-Dioxane	7.71	88	80972	1079.962	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1050388	273.382	ug/l	100
52) Toluene	8.76	92	381860	52.134	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	219562	50.446	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	239545	50.660	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	159668	54.094	ug/l	97
56) Ethyl methacrylate	9.16	69	238829	53.479	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267669	53.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.42	63	1301	0.550	ug/l #	45
59) 2-Hexanone	9.47	43	805049	270.313	ug/l	100
60) Dibromochloromethane	9.56	129	163178	54.413	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166143	53.007	ug/l	100
64) Tetrachloroethene	9.32	164	192356	73.265	ug/l	96
65) Chlorobenzene	10.12	112	396974	50.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	148985	53.069	ug/l	98
67) Ethyl Benzene	10.23	91	725612	52.410	ug/l	100
68) m/p-Xylenes	10.34	106	546169	104.690	ug/l	99
69) o-Xylene	10.68	106	263518	52.509	ug/l	100
70) Styrene	10.70	104	448111	52.902	ug/l	100
71) Bromoform	10.84	173	117044	52.997	ug/l #	99
73) Isopropylbenzene	11.00	105	705286	53.362	ug/l	99
74) N-amyl acetate	10.88	43	264650	49.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	252240	54.131	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	284581	65.587	ug/l	89
77) Bromobenzene	11.24	156	174123	51.479	ug/l	98
78) n-propylbenzene	11.34	91	801767	53.112	ug/l	100
79) 2-Chlorotoluene	11.40	91	487430	52.433	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	594223	53.271	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	76427	50.919	ug/l	98
82) 4-Chlorotoluene	11.49	91	568710	52.235	ug/l	99
83) tert-Butylbenzene	11.76	119	582169	53.214	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	607878	54.099	ug/l	99
85) sec-Butylbenzene	11.93	105	672217	53.818	ug/l	99
86) p-Isopropyltoluene	12.05	119	610131	53.299	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	314504	50.661	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	318574	50.384	ug/l	99
89) n-Butylbenzene	12.37	91	531109	52.368	ug/l	100
90) Hexachloroethane	12.58	117	104939	53.098	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	317622	52.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55936	55.838	ug/l	97

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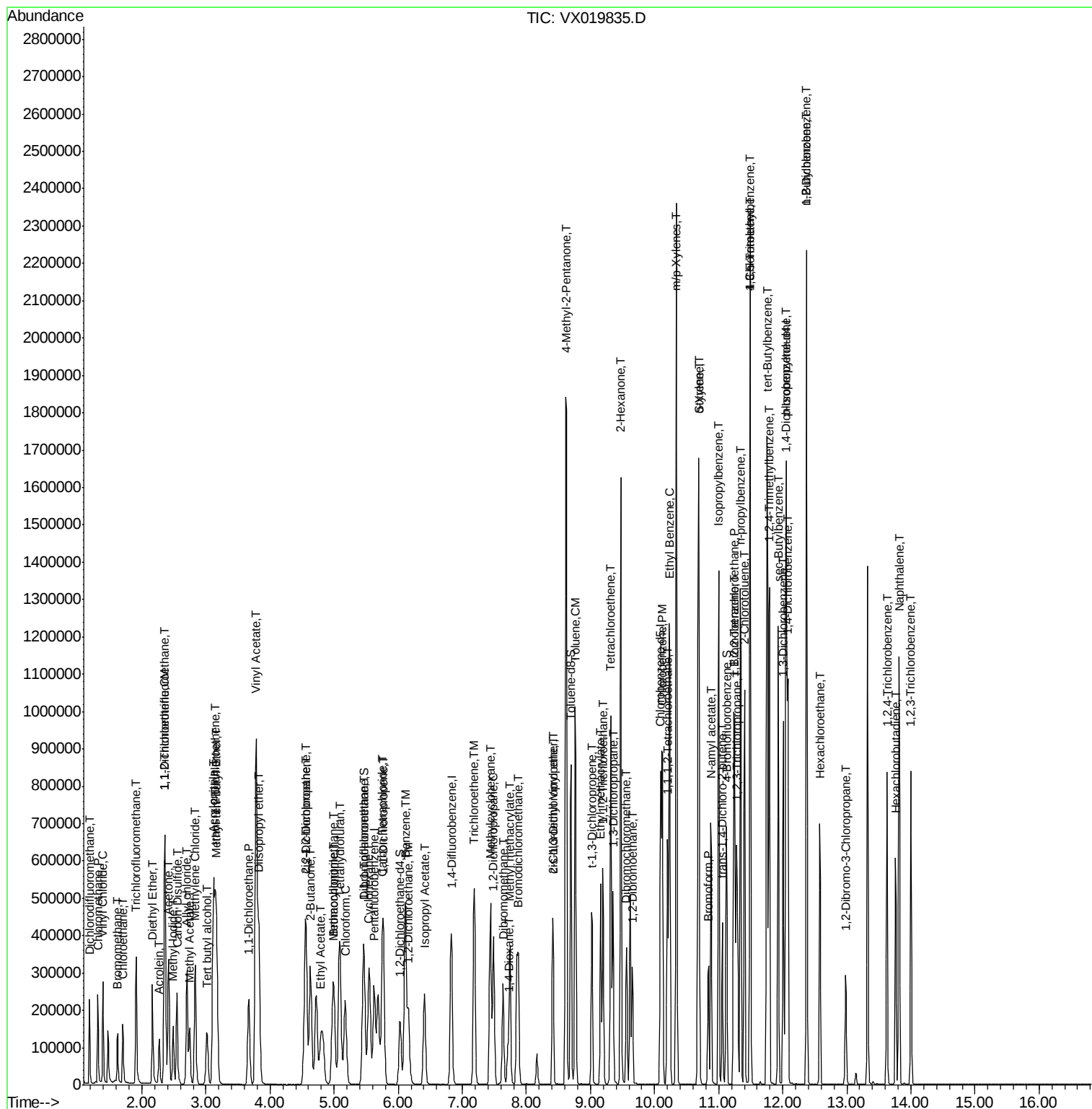
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	200250	50.833	ug/l	98
94) Hexachlorobutadiene	13.76	225	86655	49.216	ug/l	98
95) Naphthalene	13.82	128	697814	54.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201968	52.461	ug/l	99

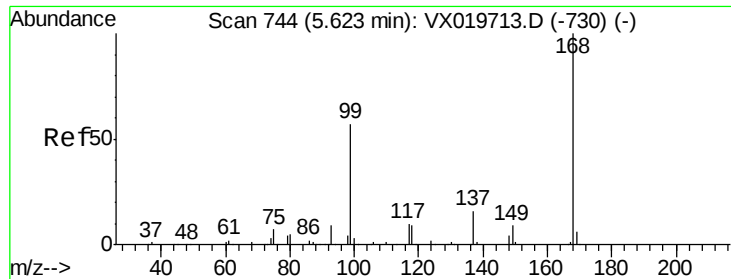
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

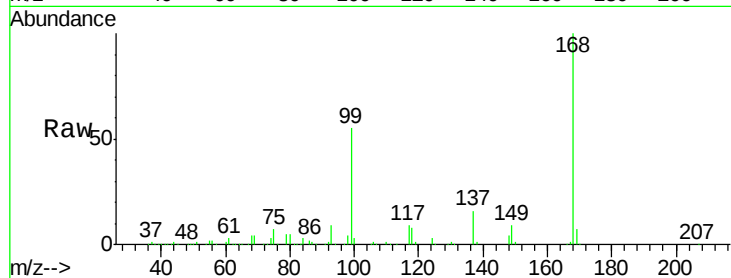
RE135D3-20201208MS

Tgt Ion:168 Resp: 257927

Ion Ratio Lower Upper

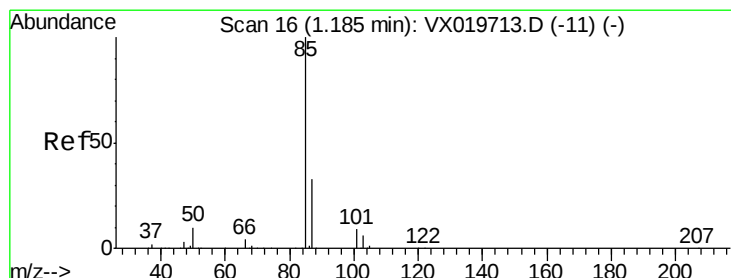
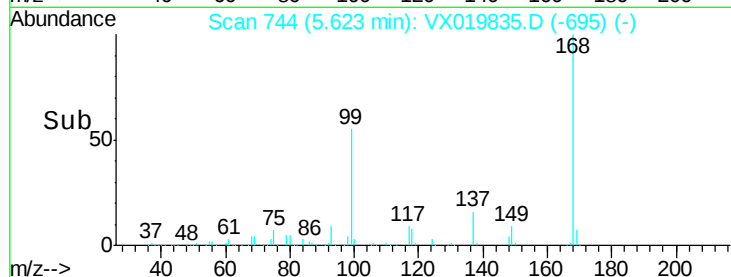
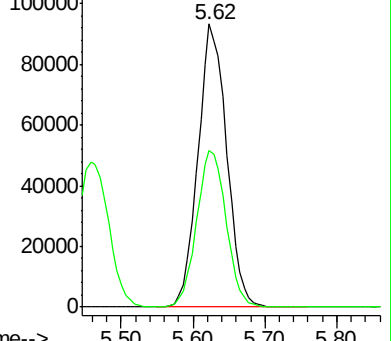
168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.208 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019835.D

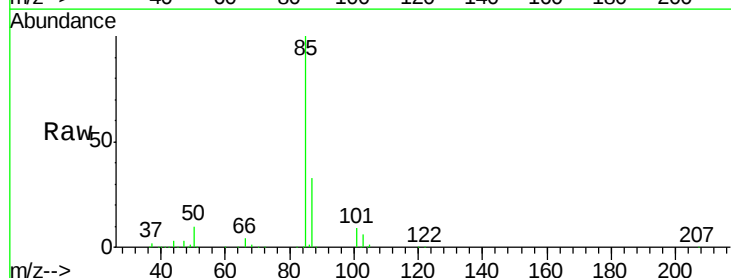
Acq: 10 Dec 2020 19:00

Tgt Ion: 85 Resp: 120925

Ion Ratio Lower Upper

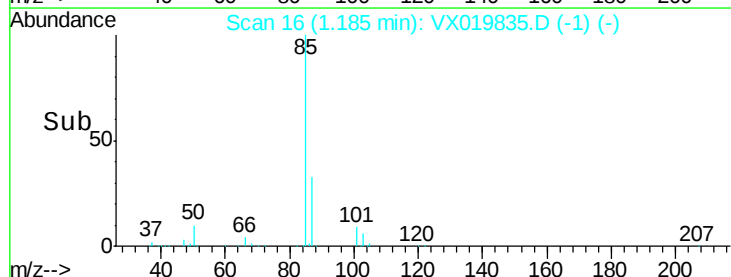
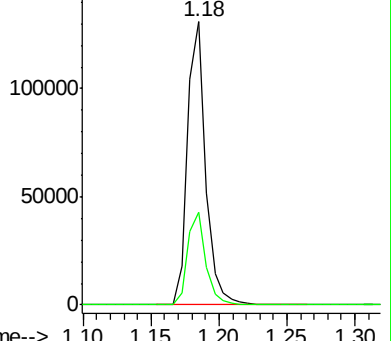
85 100

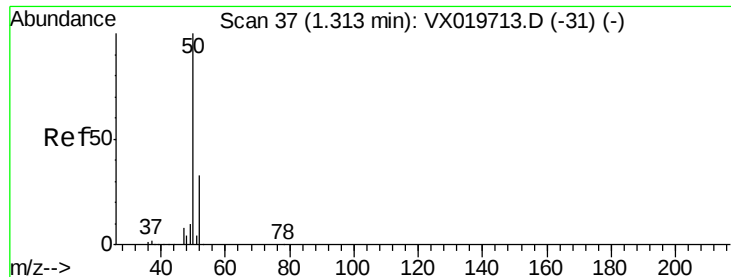
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.514 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

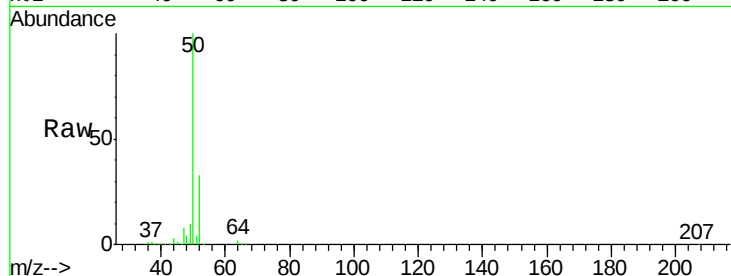
RE135D3-20201208MS

Tgt Ion: 50 Resp: 134732

Ion Ratio Lower Upper

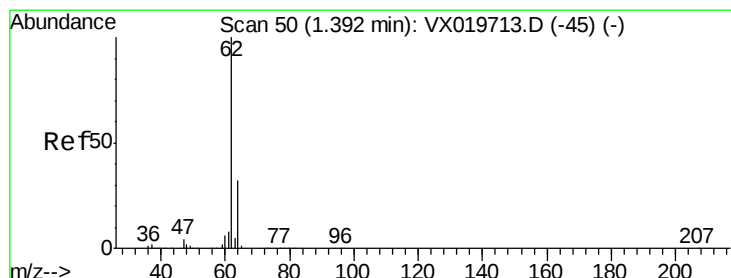
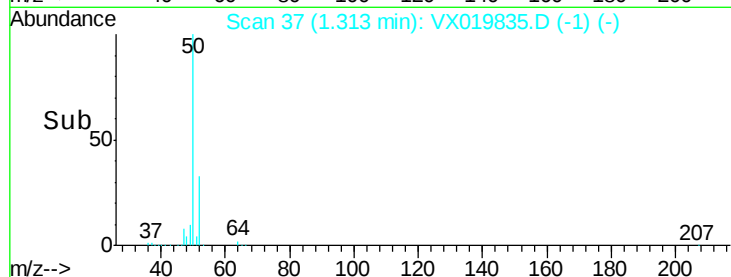
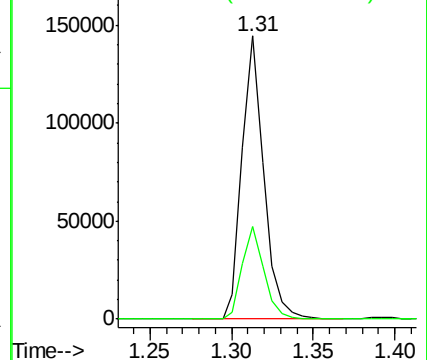
50 100

52 32.7 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: 52.085 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019835.D

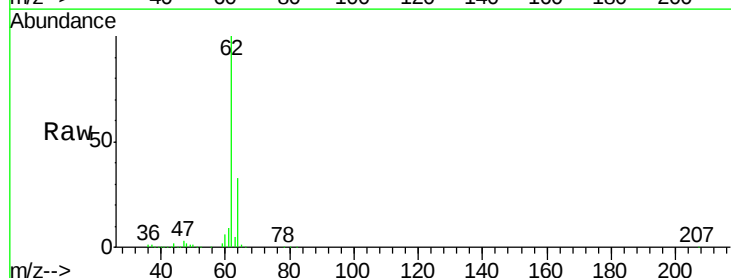
Acq: 10 Dec 2020 19:00

Tgt Ion: 62 Resp: 152519

Ion Ratio Lower Upper

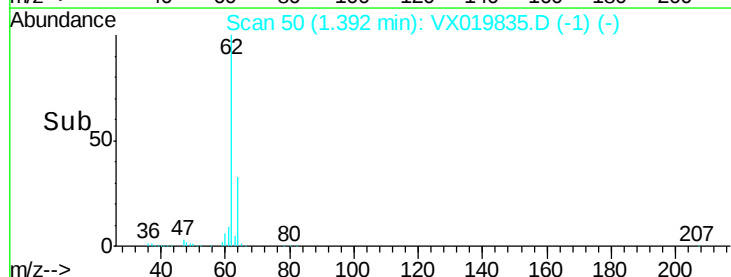
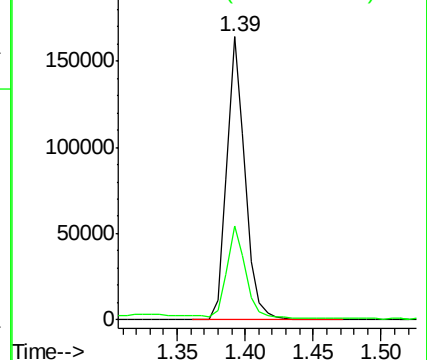
62 100

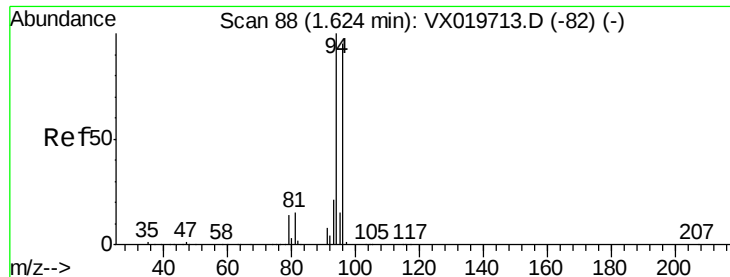
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.257 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

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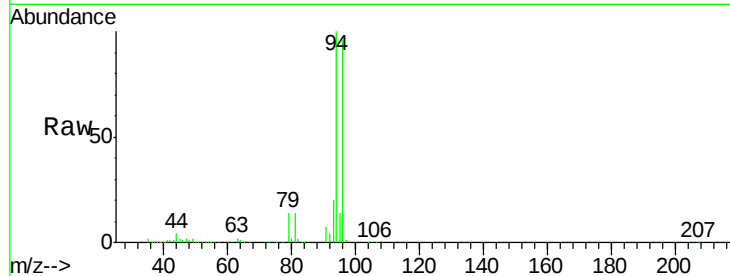
RE135D3-20201208MS

Tgt Ion: 94 Resp: 45949

Ion Ratio Lower Upper

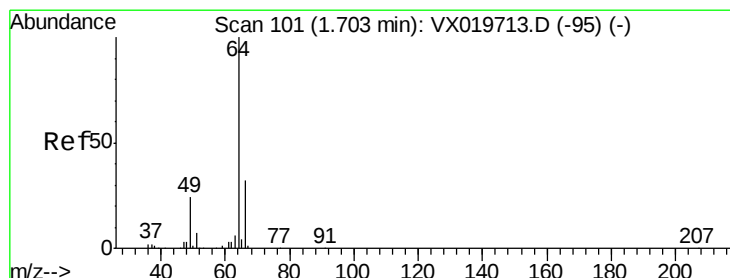
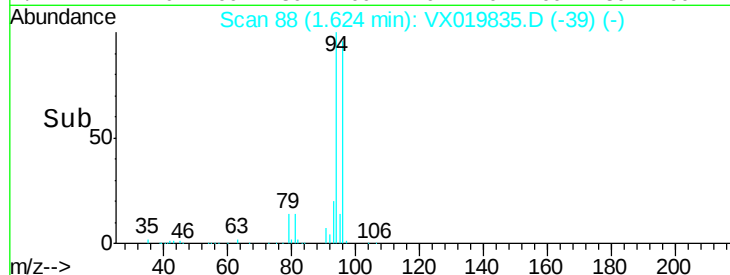
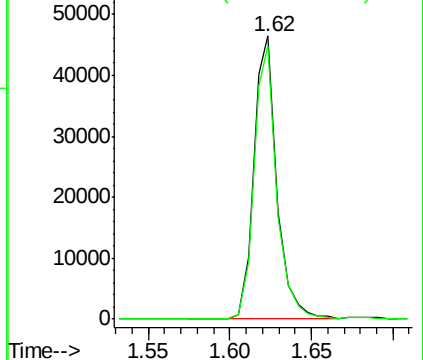
94 100

96 96.1 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: 55.702 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019835.D

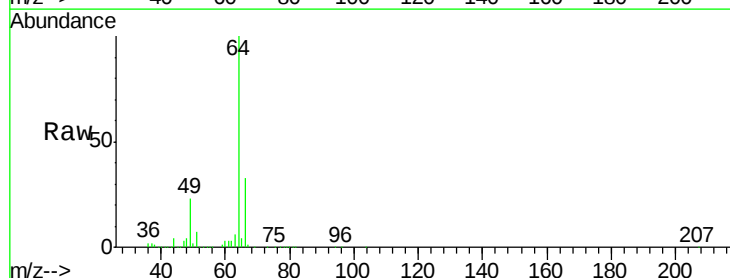
Acq: 10 Dec 2020 19:00

Tgt Ion: 64 Resp: 97983

Ion Ratio Lower Upper

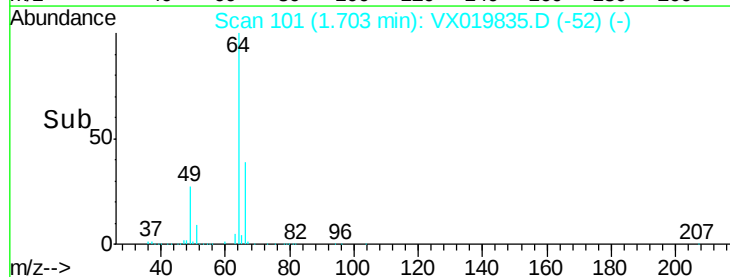
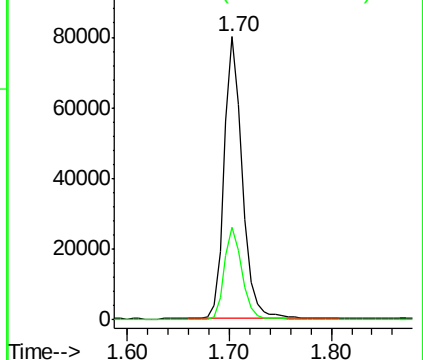
64 100

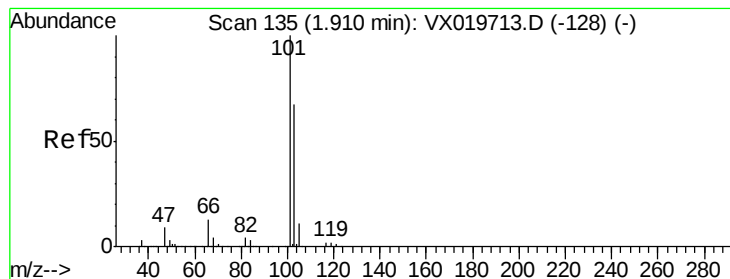
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



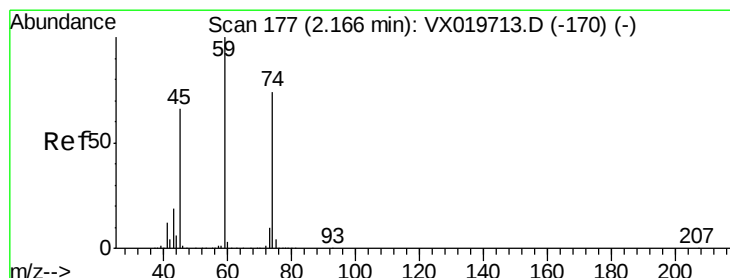
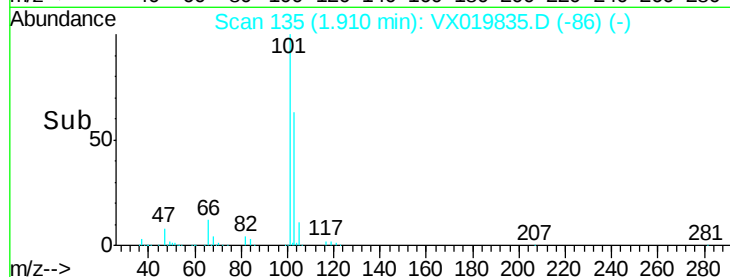
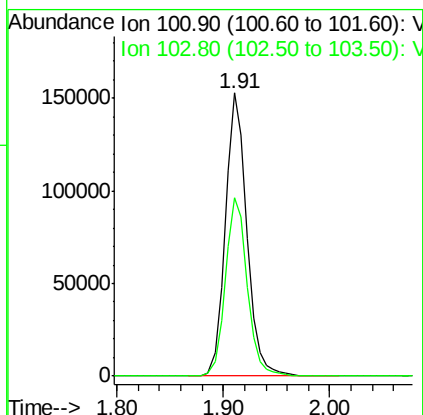
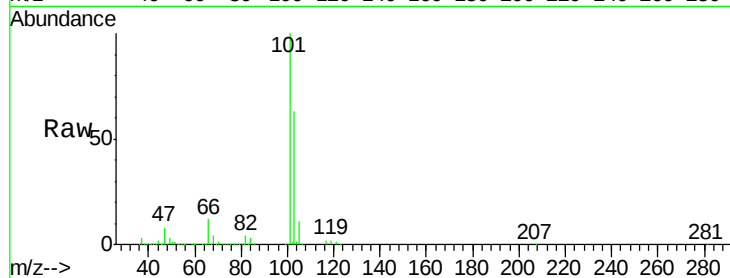


#7

Trichlorofluoromethane
 Concen: 52.862 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

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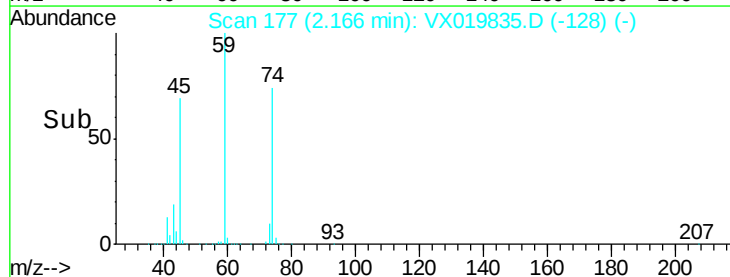
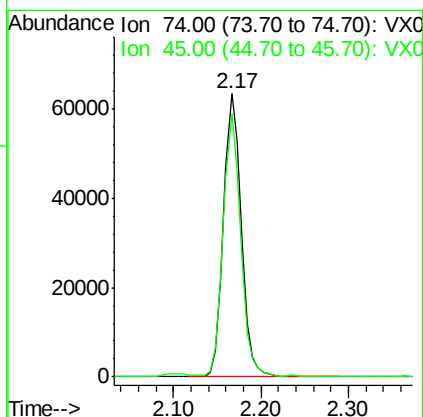
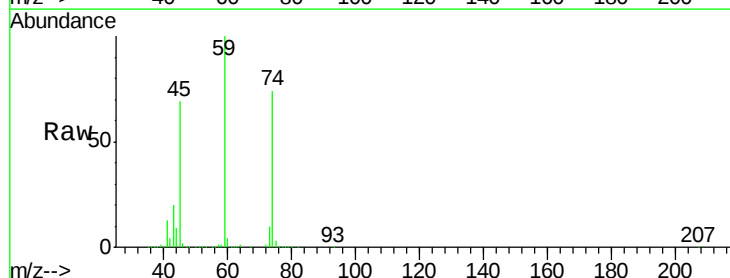
Tgt Ion: 101 Resp: 215577
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.2 79.8

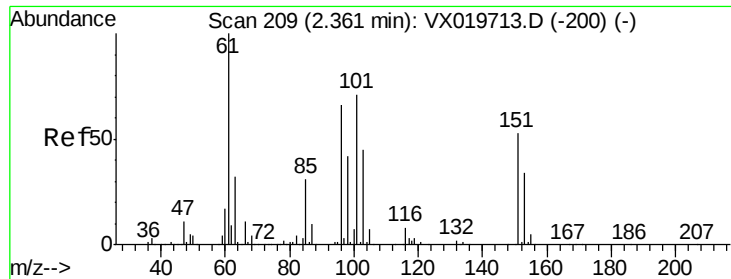


#8

Diethyl Ether
 Concen: 51.412 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 74 Resp: 88849
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.912 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

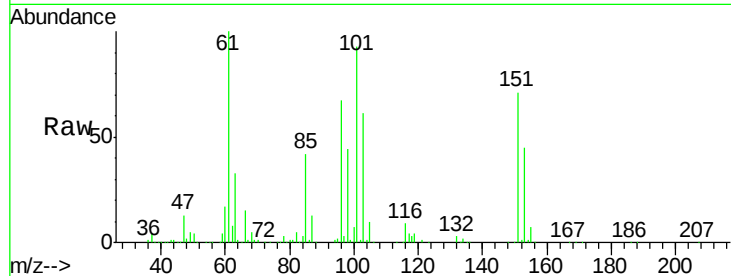
Tgt Ion:101 Resp: 151731

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

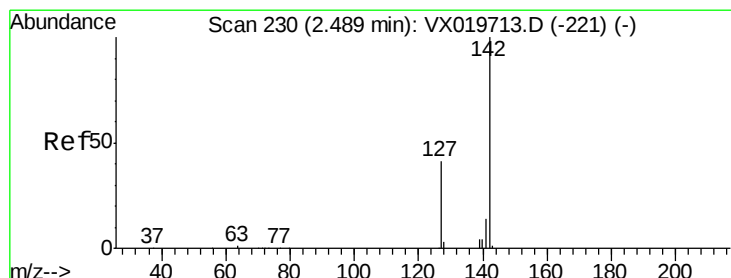
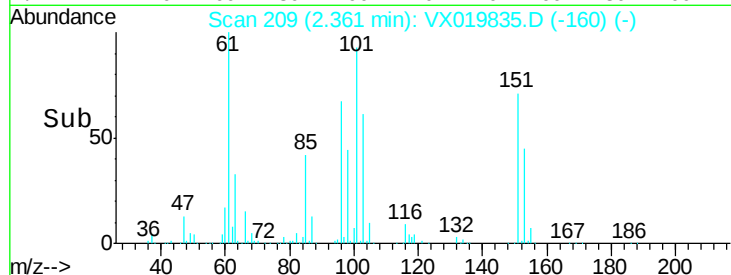
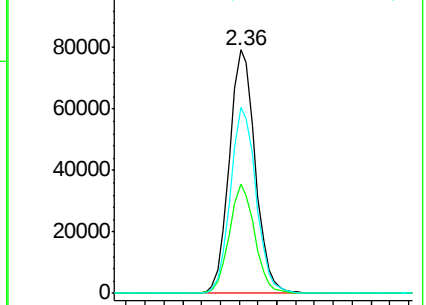
151 75.7 61.4 92.2



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: 44.197 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

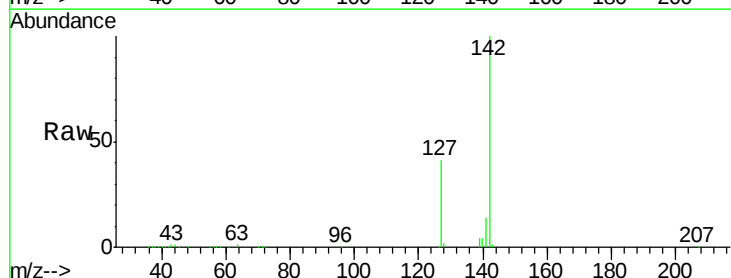
Tgt Ion:142 Resp: 152279

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

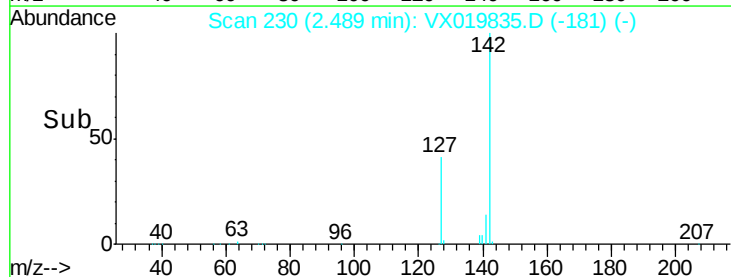
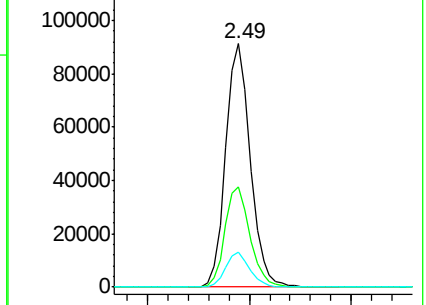
141 13.9 11.4 17.0

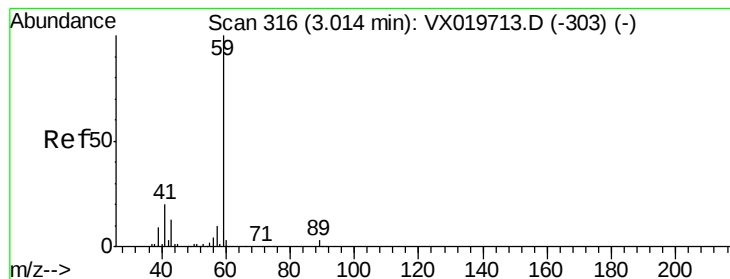


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



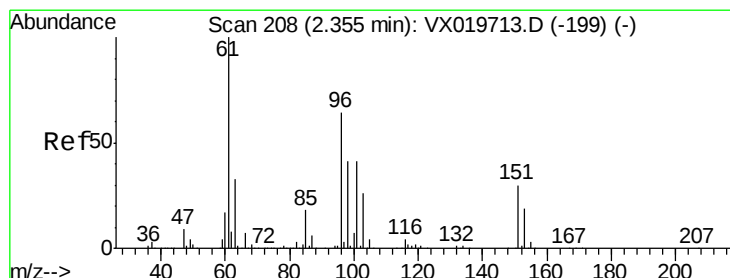
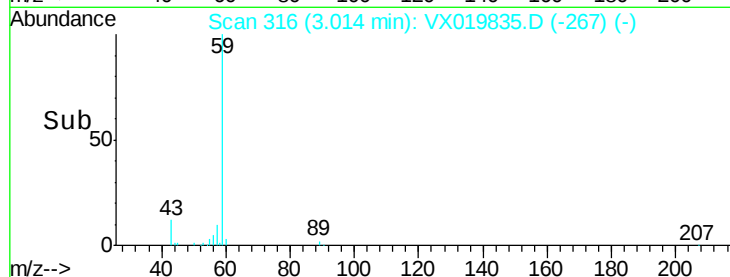
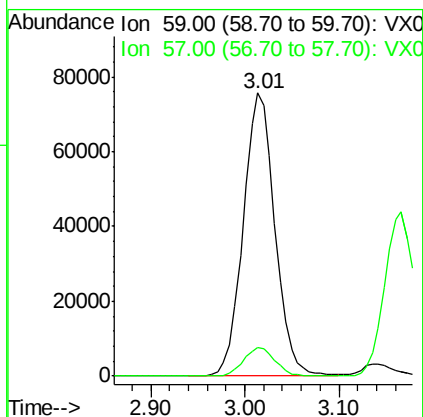
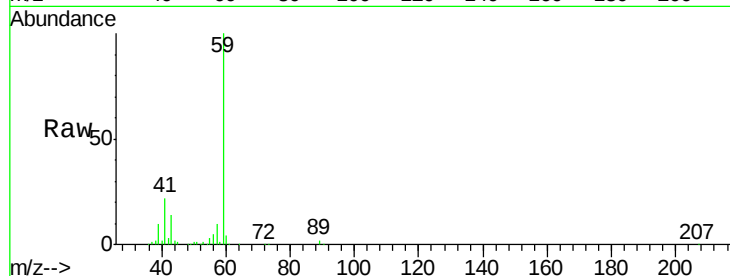


#11

Tert butyl alcohol
 Concen: 255.940 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

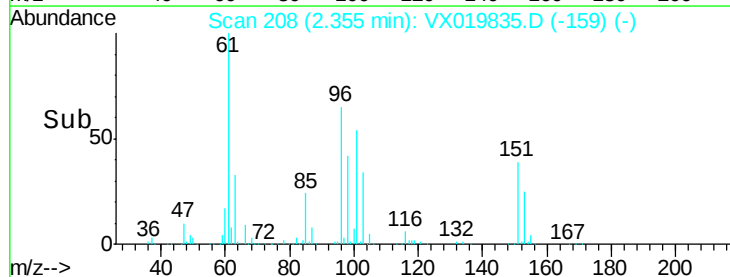
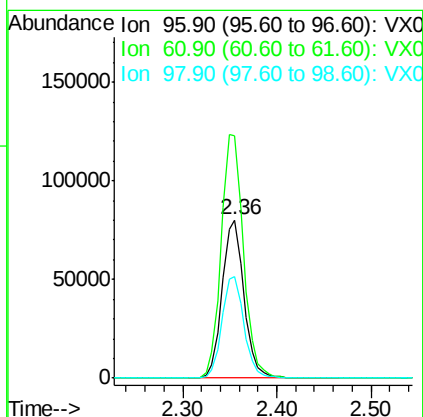
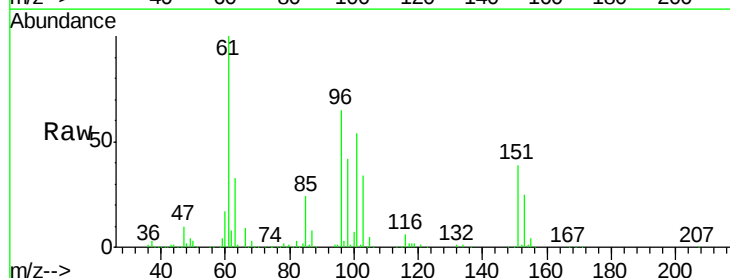
Tgt Ion: 59 Resp: 178325
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

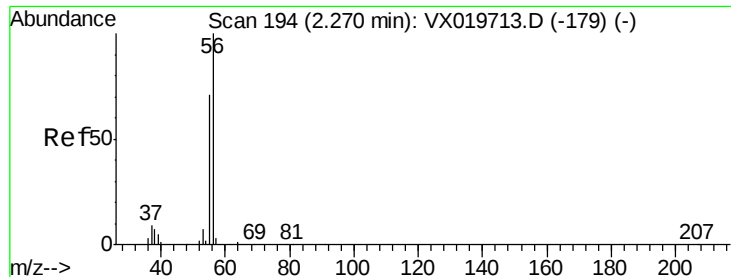


#12

1,1-Dichloroethene
 Concen: 54.589 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 96 Resp: 129002
 Ion Ratio Lower Upper
 96 100
 61 153.8 124.6 187.0
 98 64.2 50.6 76.0





#13

Acrolein

Concen: 225.580 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

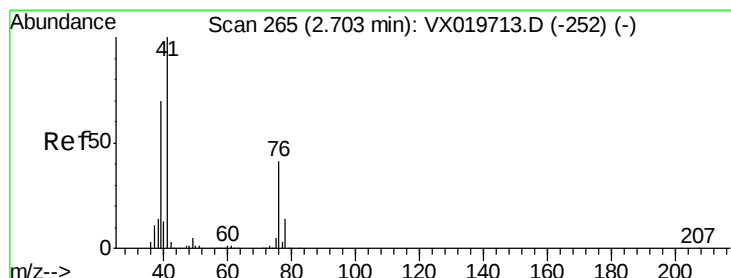
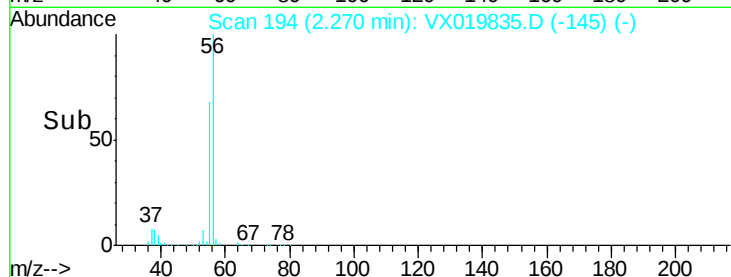
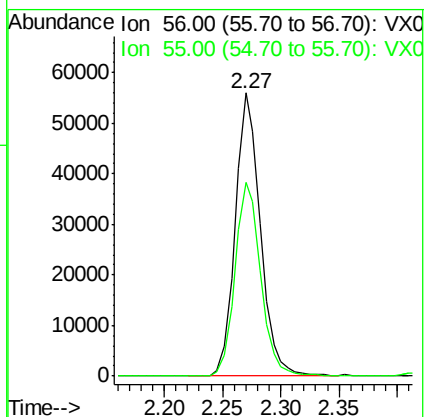
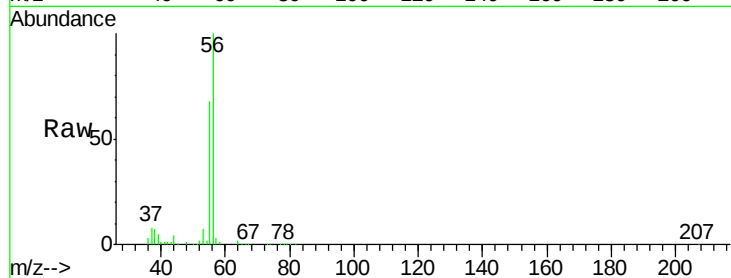
RE135D3-20201208MS

Tgt Ion: 56 Resp: 84408

Ion Ratio Lower Upper

56 100

55 69.4 56.4 84.6



#14

Allyl chloride

Concen: 51.353 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

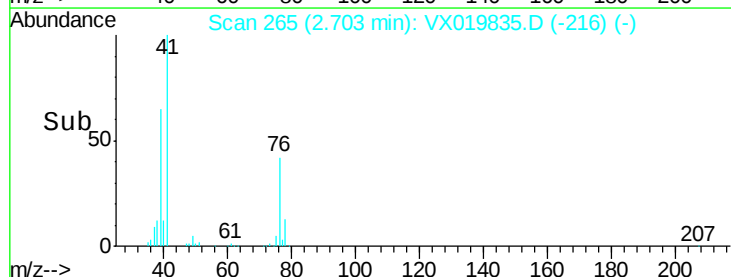
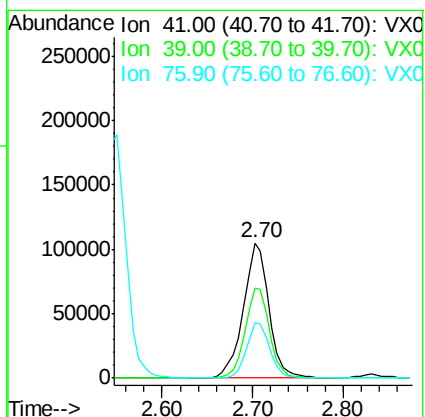
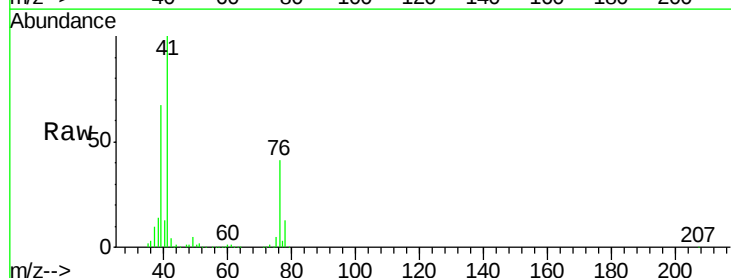
Tgt Ion: 41 Resp: 204960

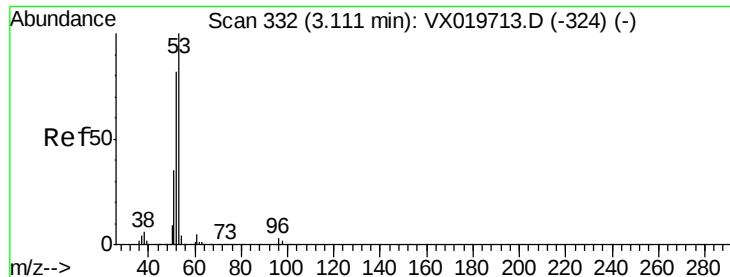
Ion Ratio Lower Upper

41 100

39 63.6 51.6 77.4

76 37.5 30.5 45.7





#15

Acrylonitrile

Concen: 276.045 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

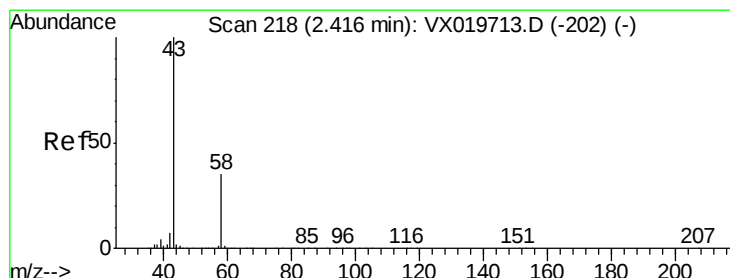
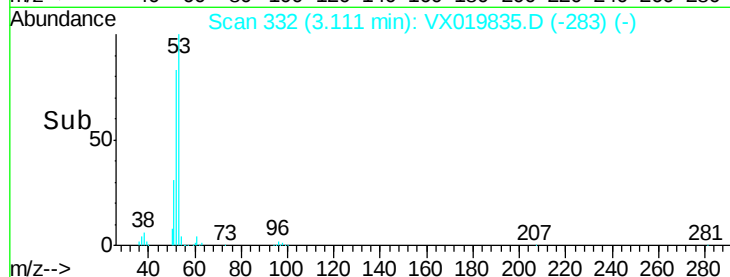
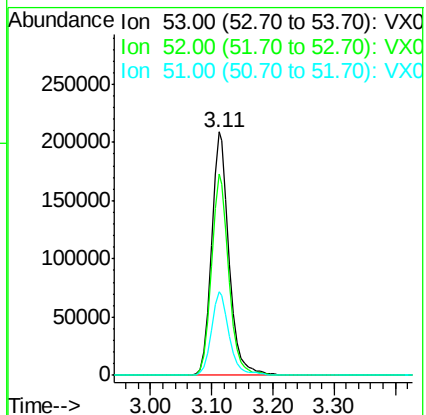
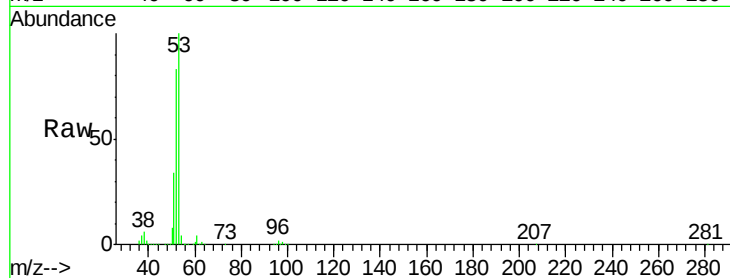
Tgt Ion: 53 Resp: 423036

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 35.3 28.2 42.2



#16

Acetone

Concen: 265.047 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019835.D

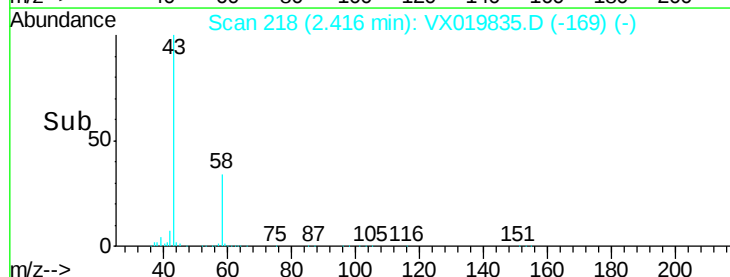
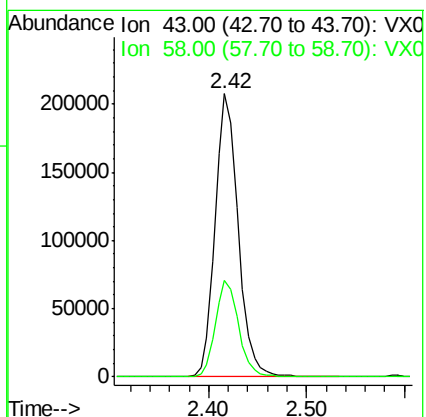
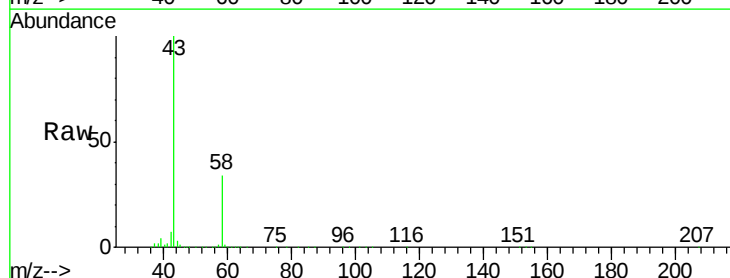
Acq: 10 Dec 2020 19:00

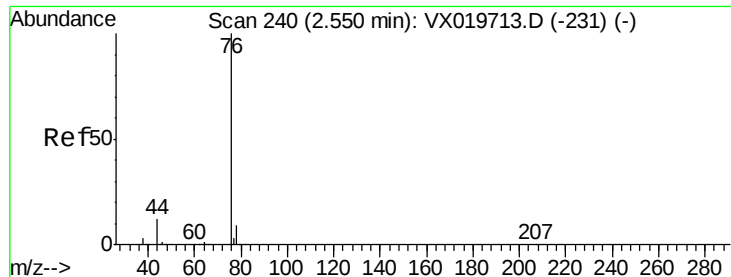
Tgt Ion: 43 Resp: 337719

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.8





#17

Carbon Disulfide

Concen: 46.110 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

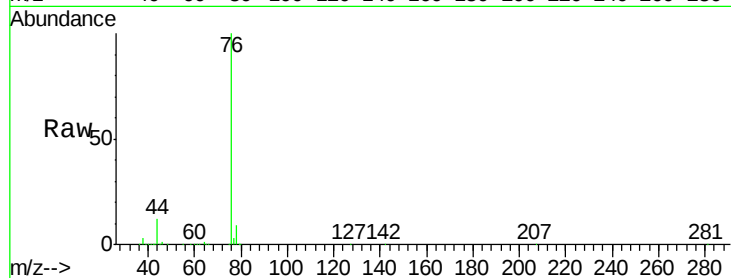
RE135D3-20201208MS

Tgt Ion: 76 Resp: 312658

Ion Ratio Lower Upper

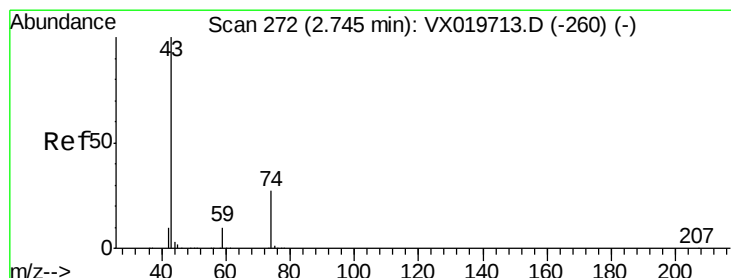
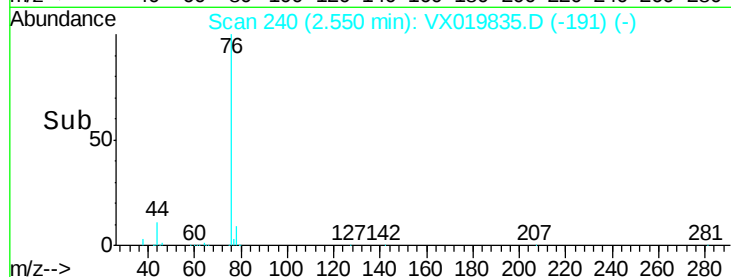
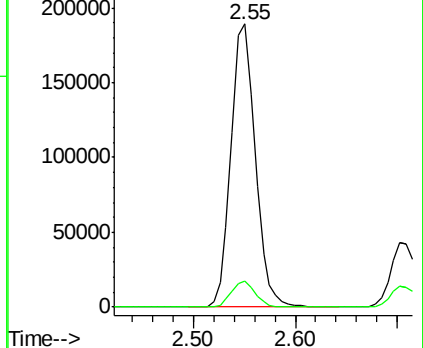
76 100

78 9.3 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: 53.902 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019835.D

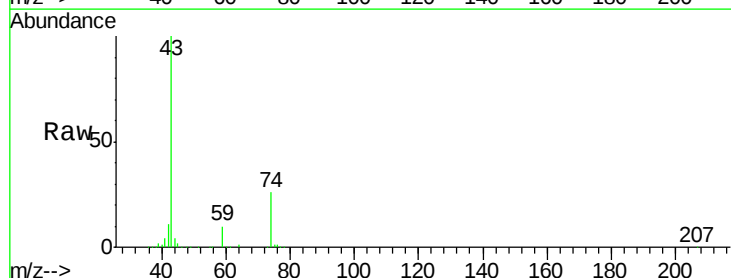
Acq: 10 Dec 2020 19:00

Tgt Ion: 43 Resp: 168068

Ion Ratio Lower Upper

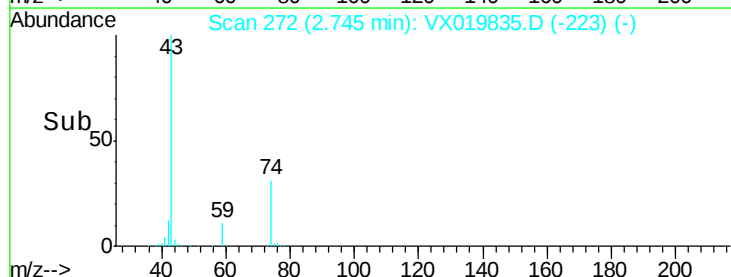
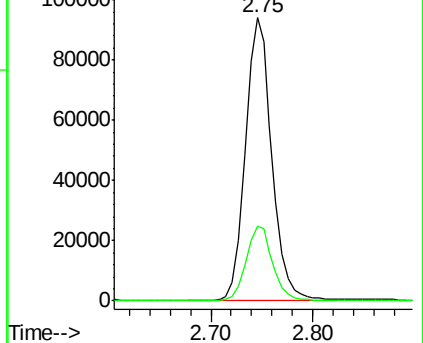
43 100

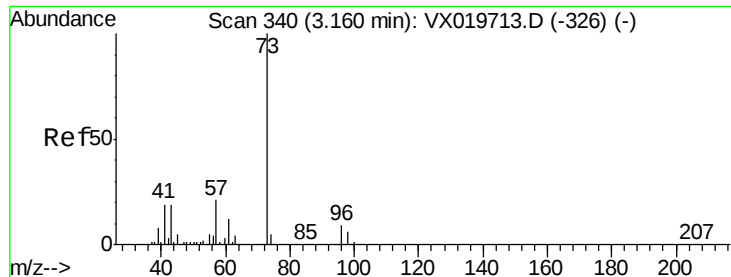
74 27.3 21.9 32.9



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: 53.715 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

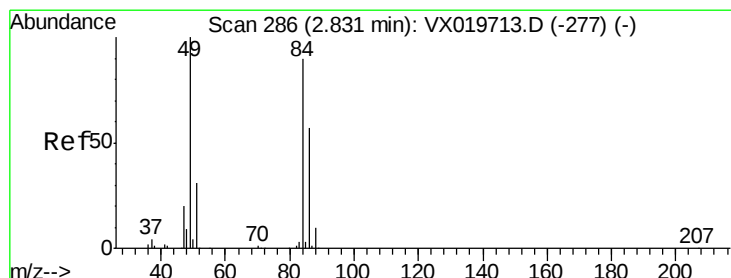
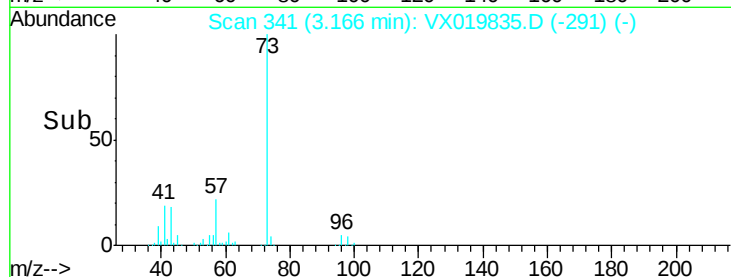
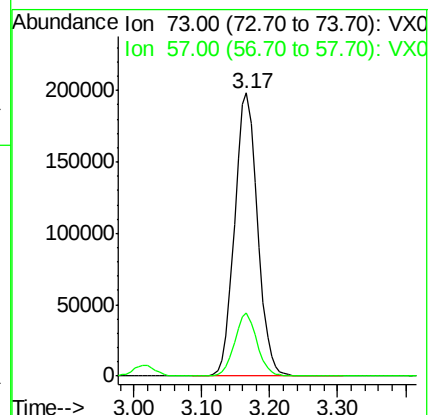
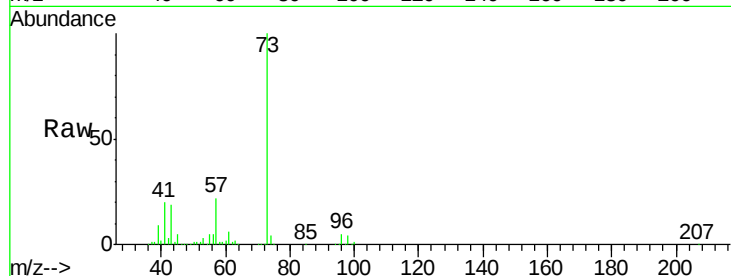
RE135D3-20201208MS

Tgt Ion: 73 Resp: 462282

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



#20

Methylene Chloride

Concen: 53.485 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Tgt Ion: 84 Resp: 155295

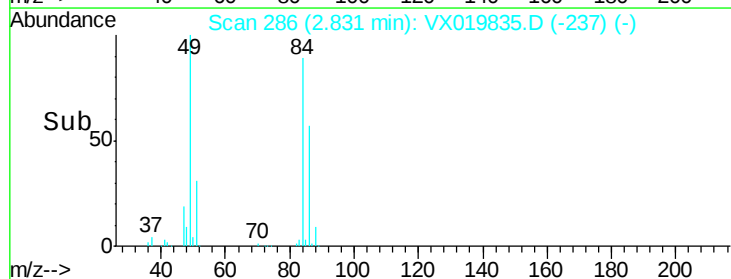
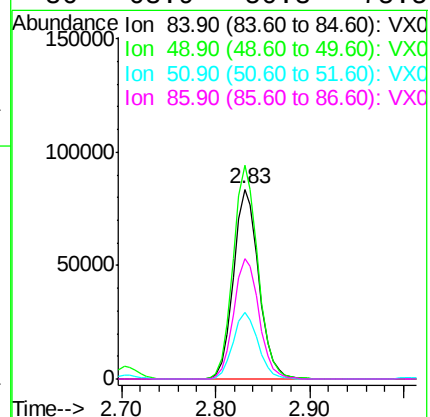
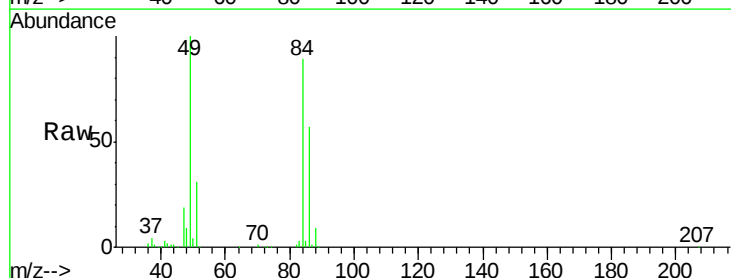
Ion Ratio Lower Upper

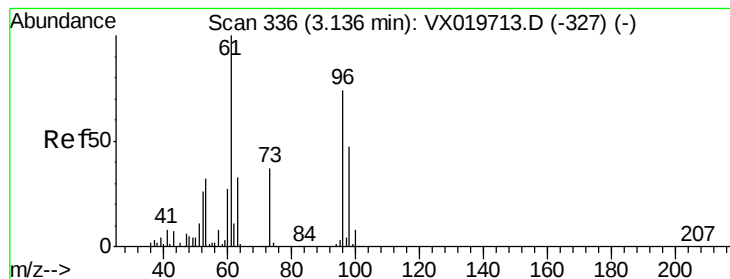
84 100

49 112.8 88.6 132.8

51 35.2 27.0 40.6

86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 52.156 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

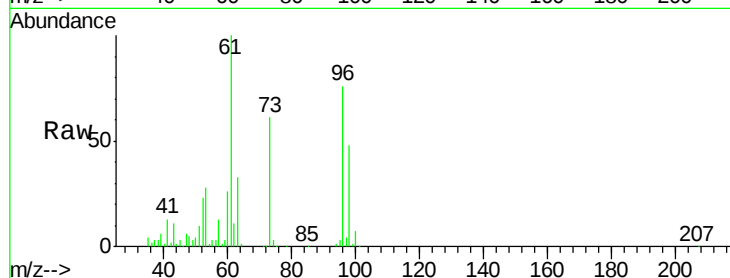
Tgt Ion: 96 Resp: 143696

Ion Ratio Lower Upper

96 100

61 132.2 107.7 161.5

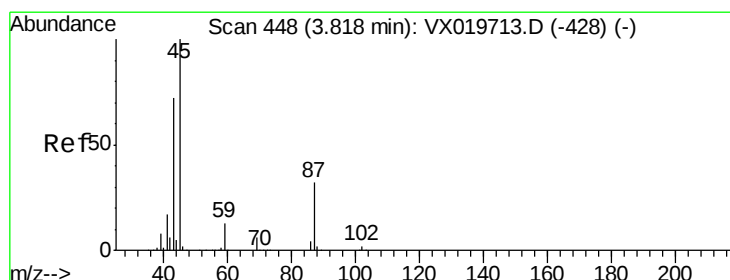
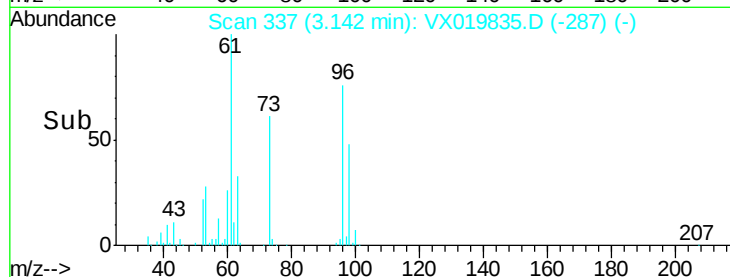
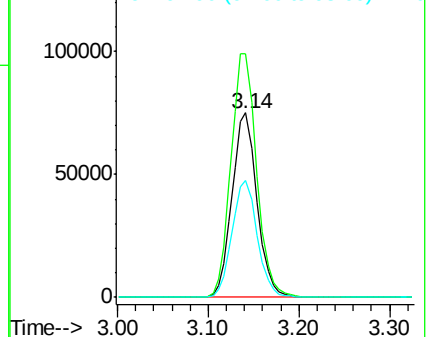
98 63.4 50.4 75.6



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: 54.840 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Tgt Ion: 45 Resp: 442540

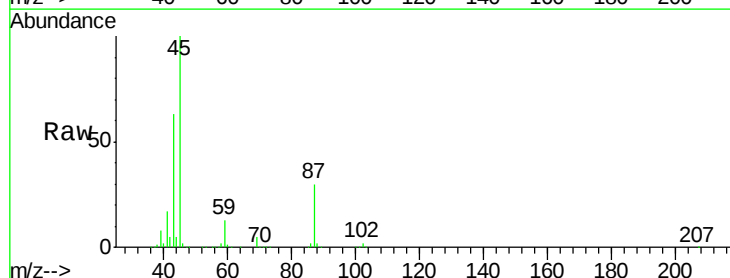
Ion Ratio Lower Upper

45 100

43 62.8 58.0 87.0

87 30.3 25.4 38.0

59 12.8 10.2 15.2

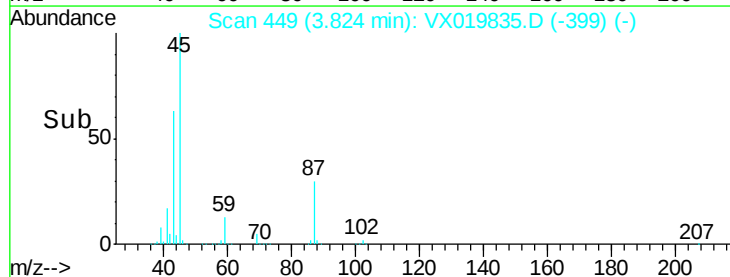
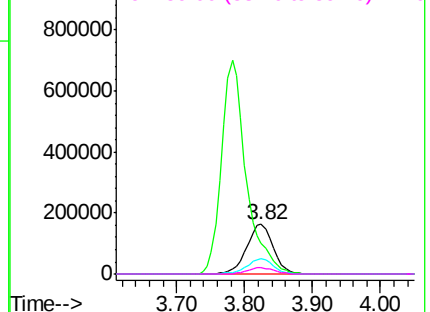


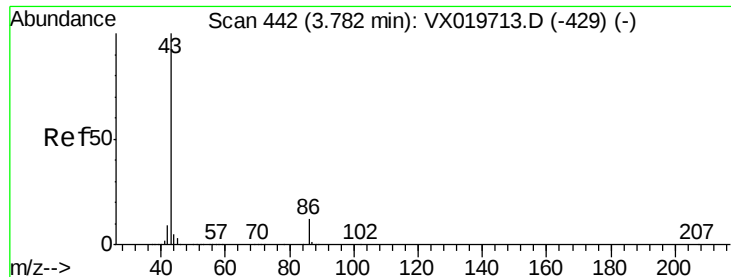
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 258.139 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

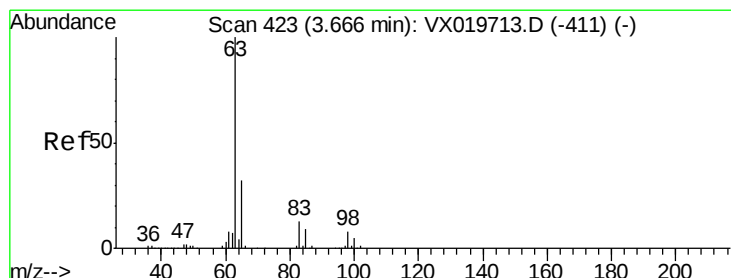
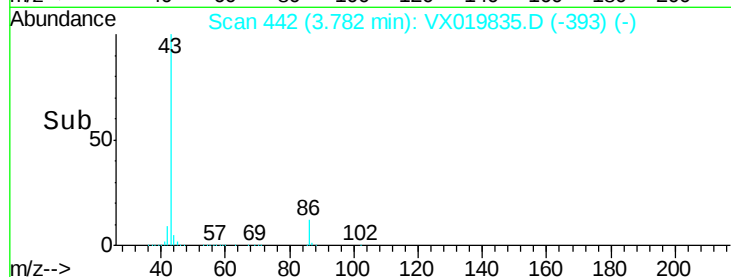
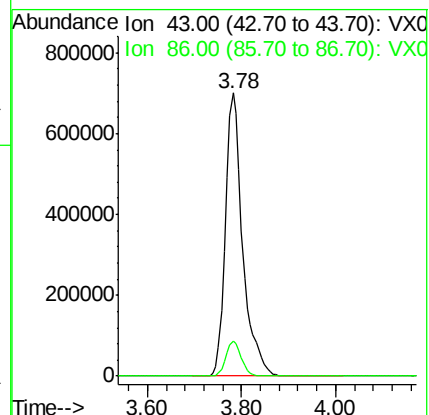
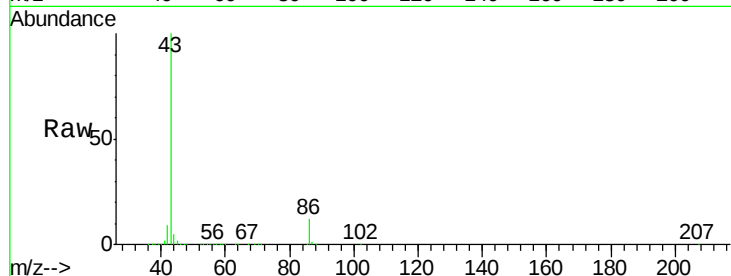
RE135D3-20201208MS

Tgt Ion: 43 Resp: 1774684

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



#24

1,1-Dichloroethane

Concen: 54.211 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

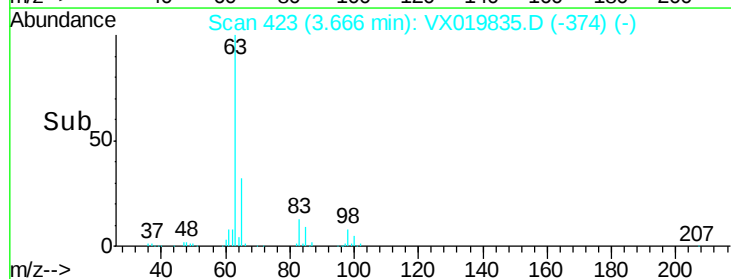
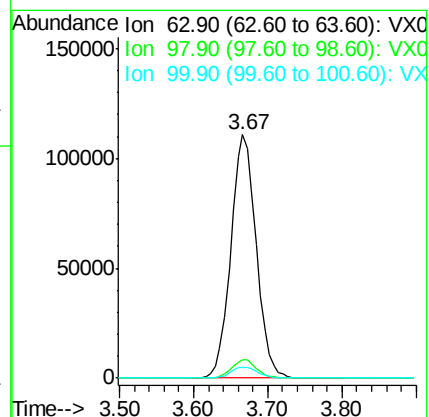
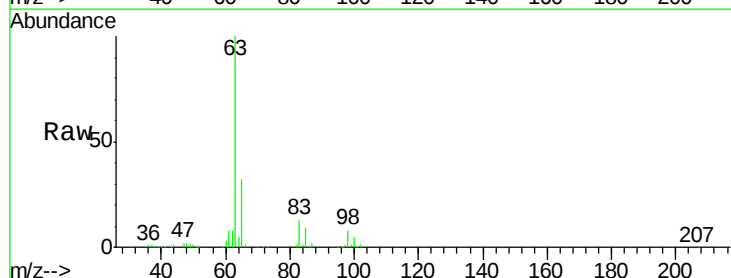
Tgt Ion: 63 Resp: 263799

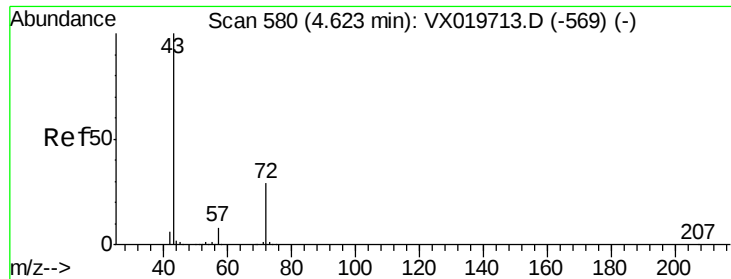
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 274.851 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

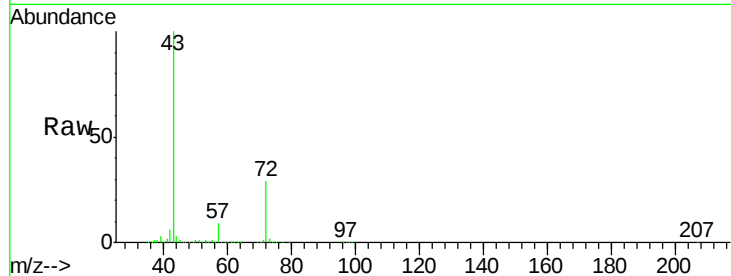
RE135D3-20201208MS

Tgt Ion: 43 Resp: 538134

Ion Ratio Lower Upper

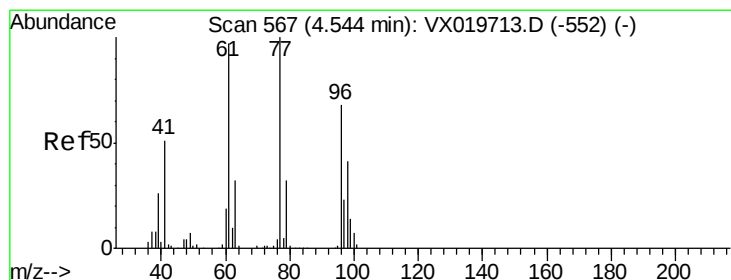
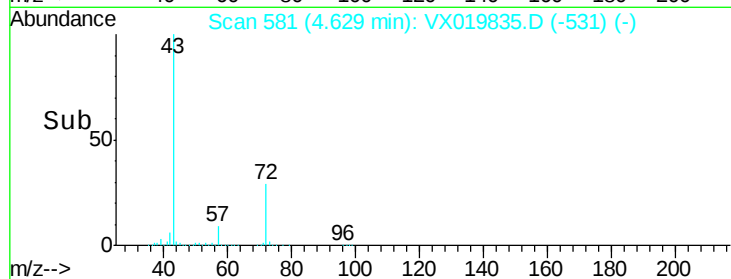
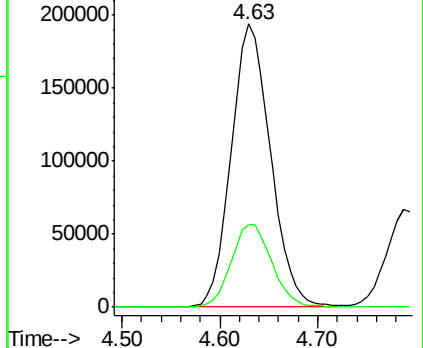
43 100

72 29.1 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.774 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019835.D

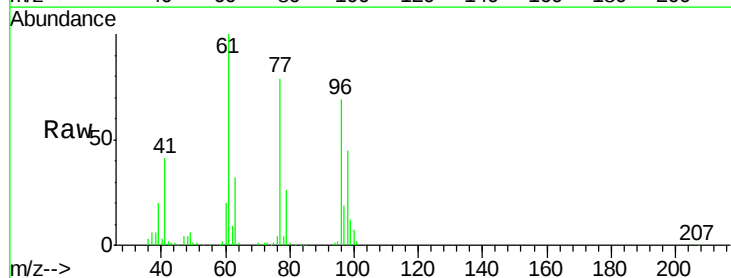
Acq: 10 Dec 2020 19:00

Tgt Ion: 77 Resp: 191819

Ion Ratio Lower Upper

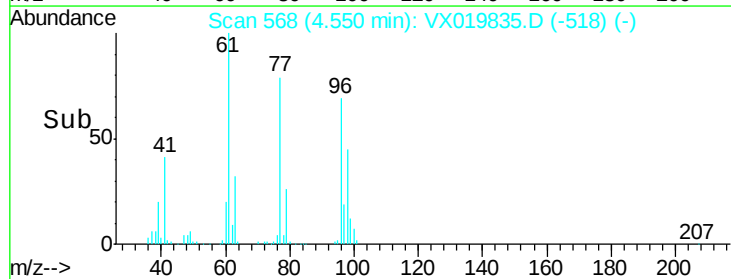
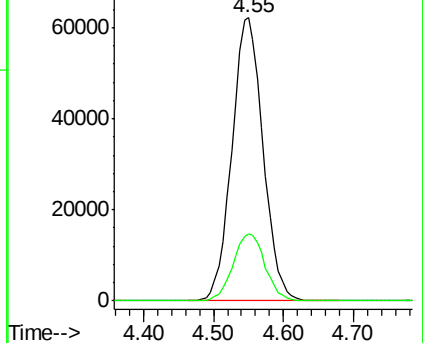
77 100

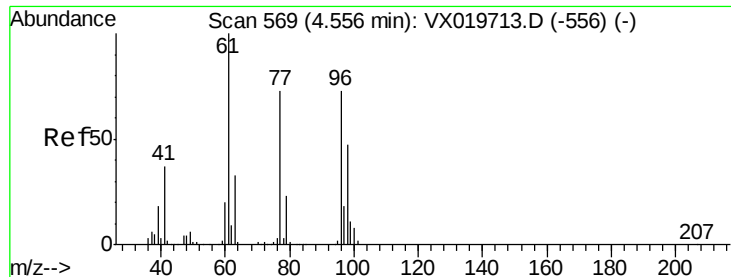
97 24.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



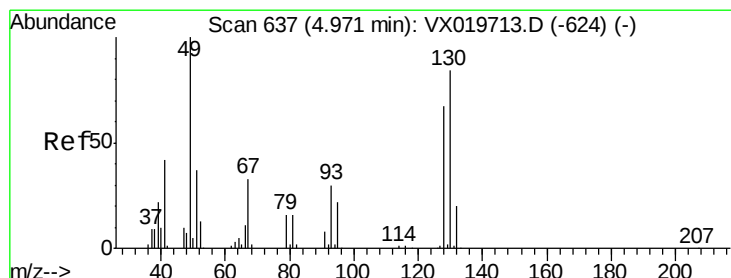
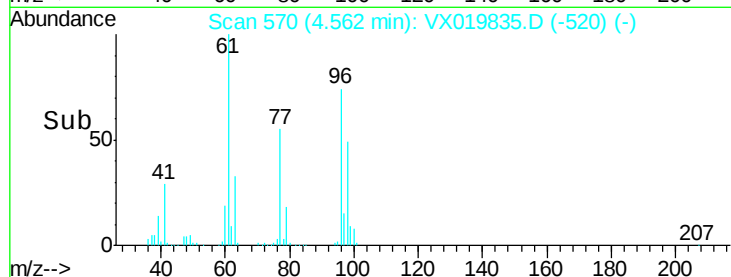
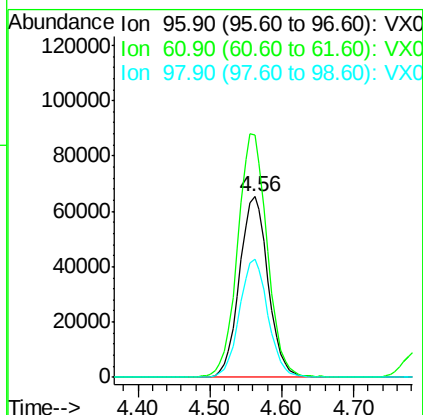
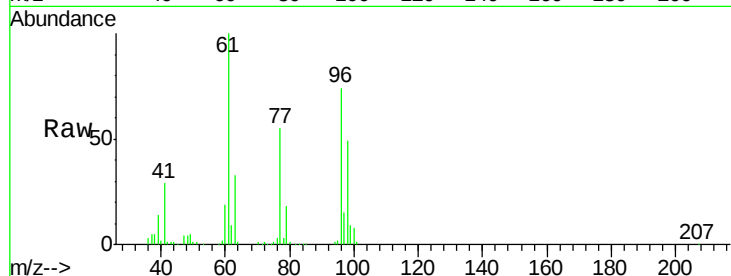


#27

cis-1,2-Dichloroethene
Concen: 55.957 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

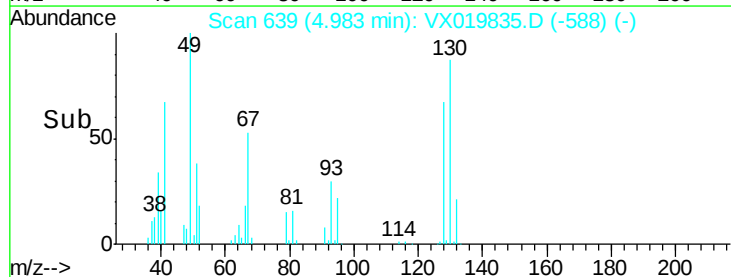
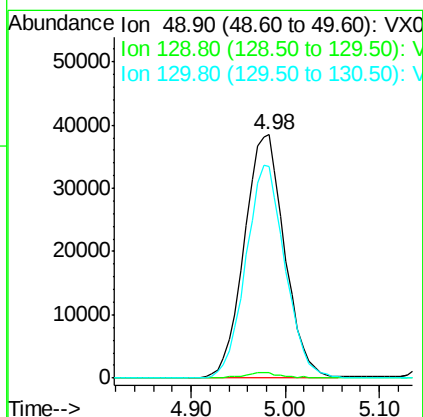
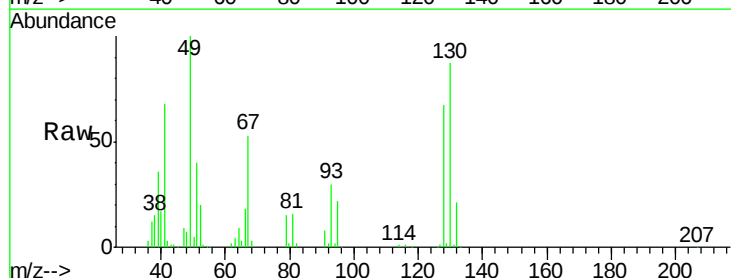
Tgt Ion: 96 Resp: 180417
Ion Ratio Lower Upper
96 100
61 139.4 0.0 285.6
98 65.0 0.0 129.6

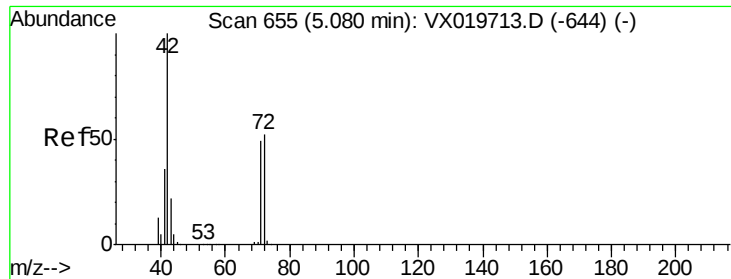


#28

Bromochloromethane
Concen: 49.928 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 49 Resp: 115821
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 85.1 68.2 102.2

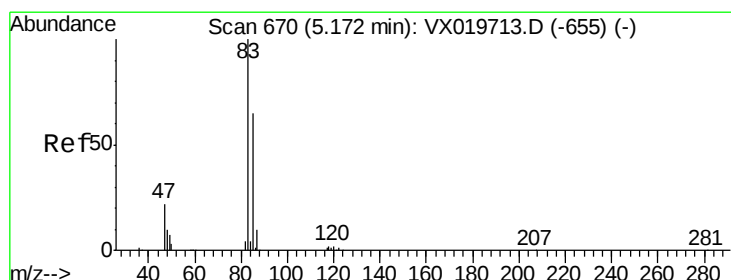
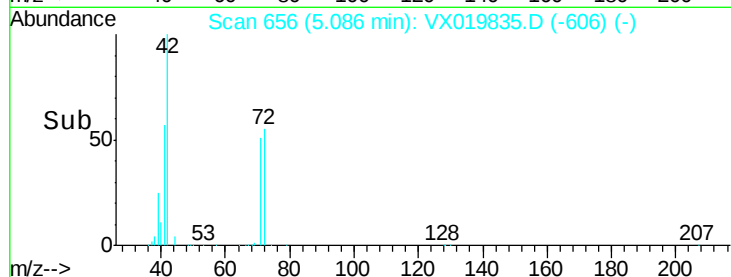
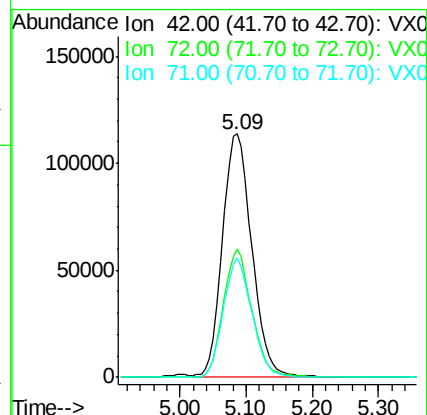
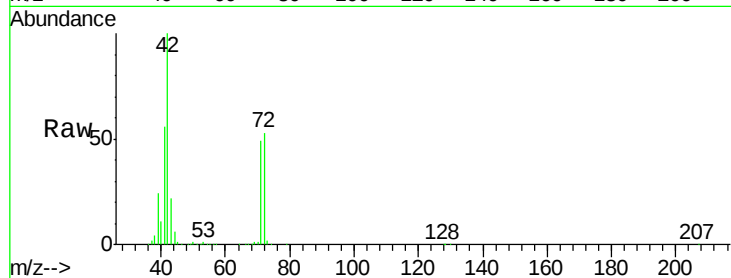




#29
Tetrahydrofuran
Concen: 276.625 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

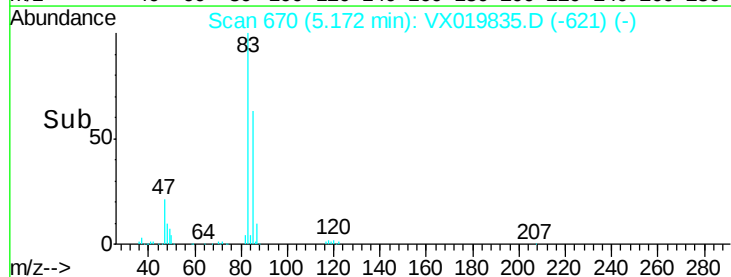
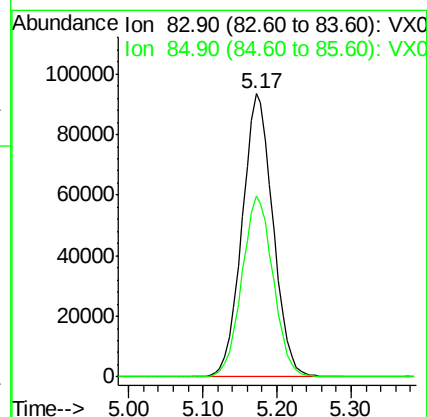
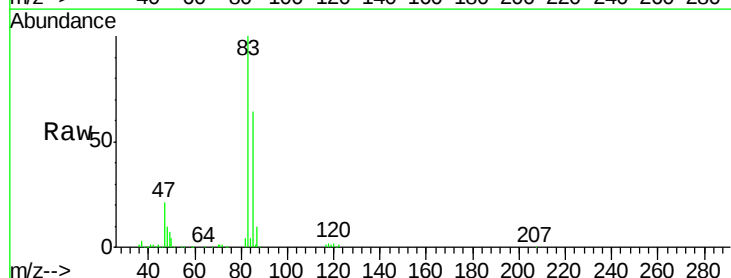
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

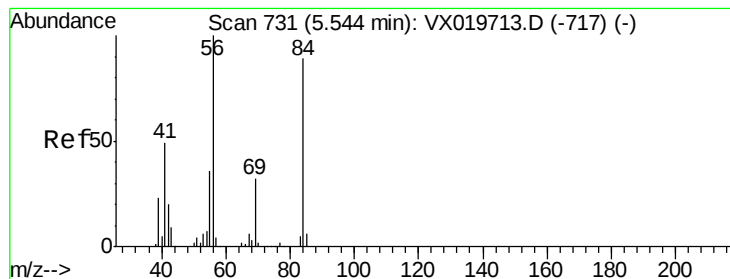
Tgt Ion: 42 Resp: 348952
Ion Ratio Lower Upper
42 100
72 51.5 41.7 62.5
71 47.6 38.4 57.6



#30
Chloroform
Concen: 54.311 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 83 Resp: 271749
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0





#31

Cyclohexane

Concen: 52.379 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

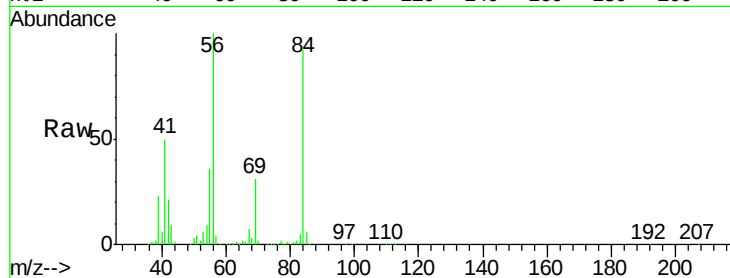
Tgt Ion: 56 Resp: 220870

Ion Ratio Lower Upper

56 100

69 31.4 25.3 37.9

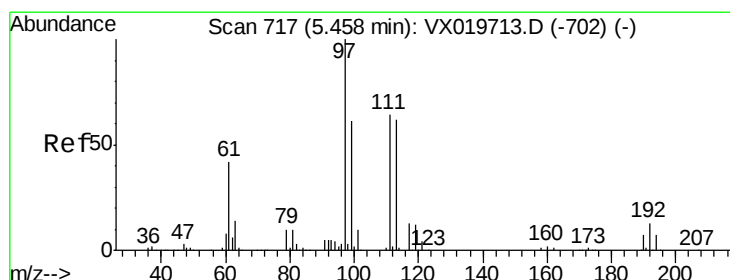
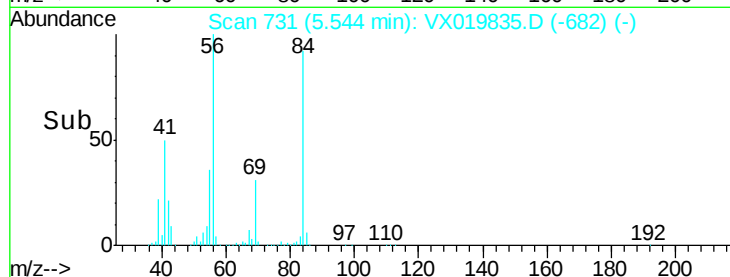
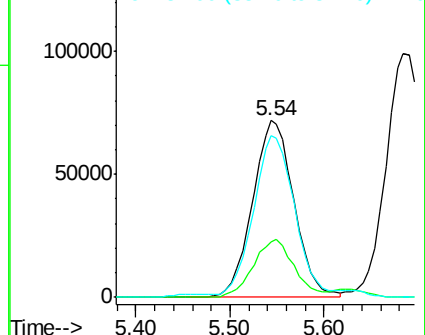
84 89.8 71.4 107.0



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: 53.631 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

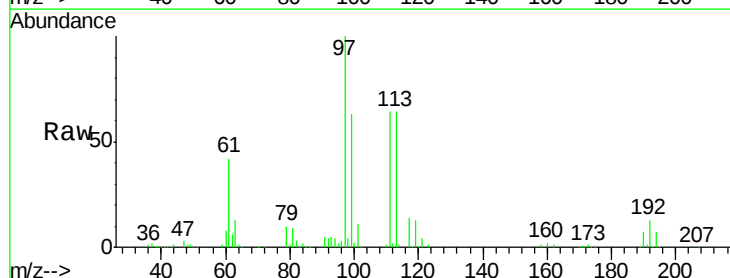
Tgt Ion: 97 Resp: 231092

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

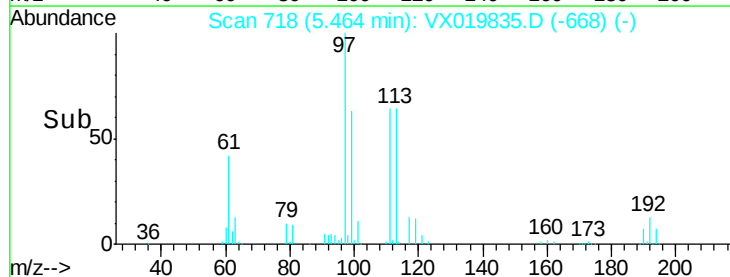
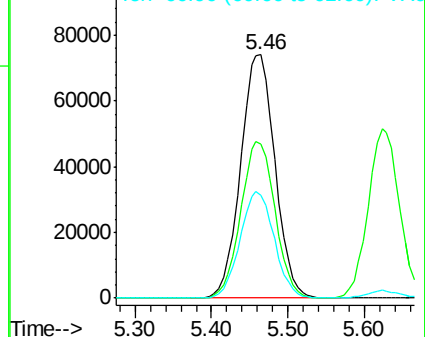
61 43.7 34.2 51.4

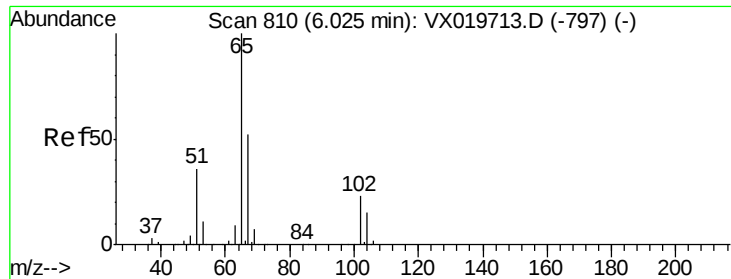


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

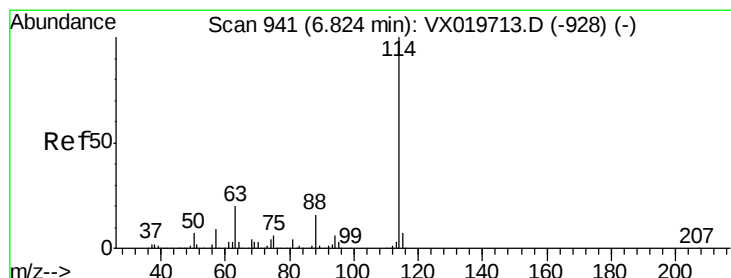
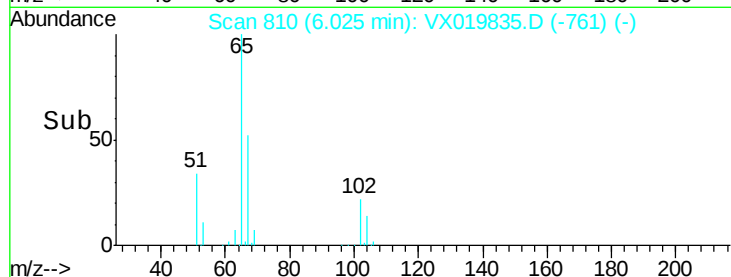
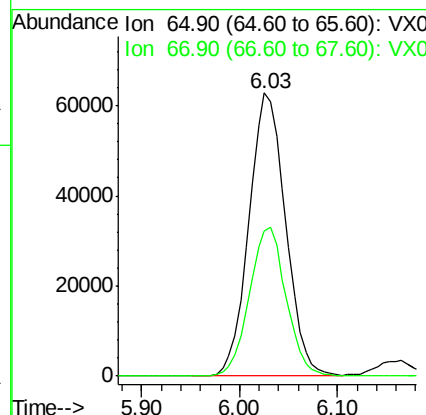
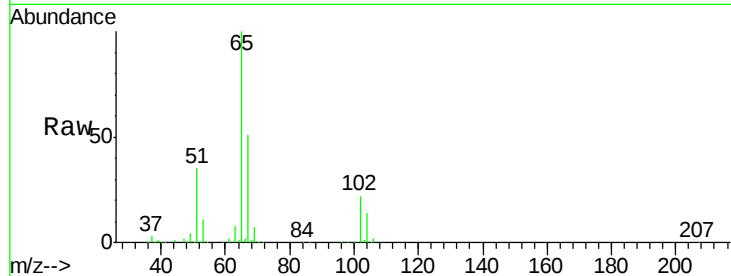




#33
 1,2-Dichloroethane-d4
 Concen: 48.146 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

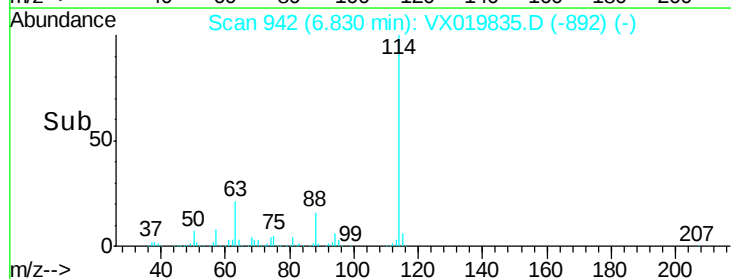
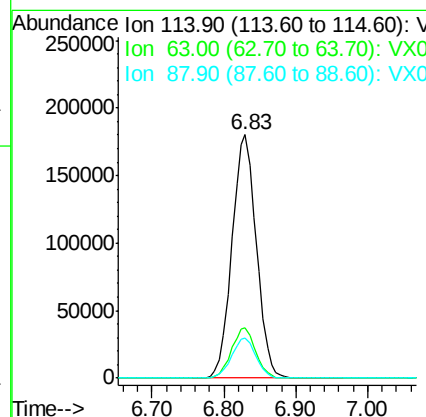
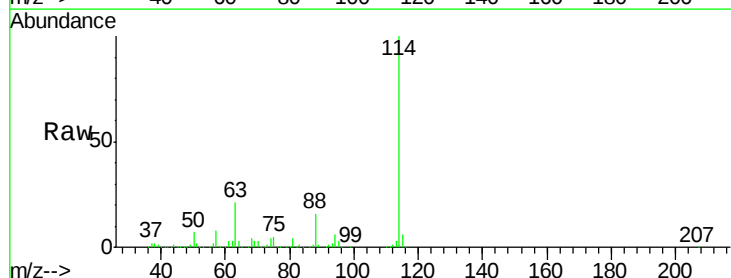
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

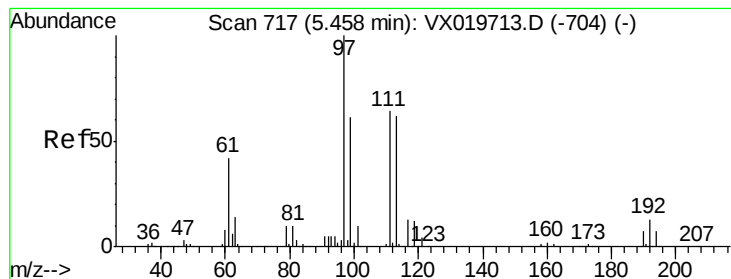
Tgt Ion: 65 Resp: 163212
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 114 Resp: 424262
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.711 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

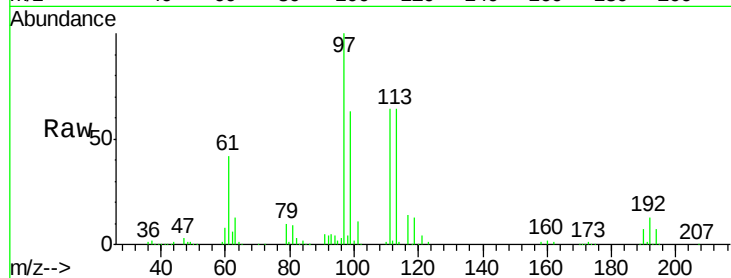
Tgt Ion:113 Resp: 133563

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

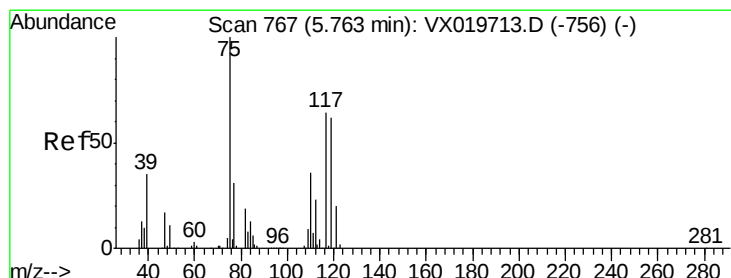
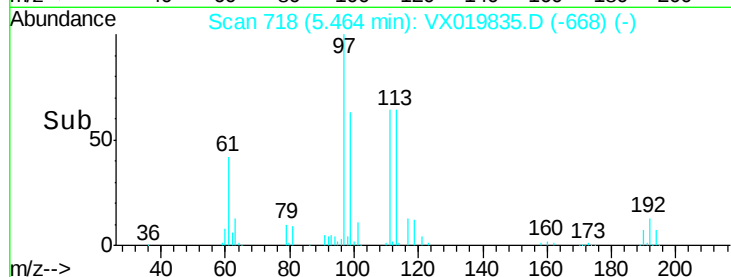
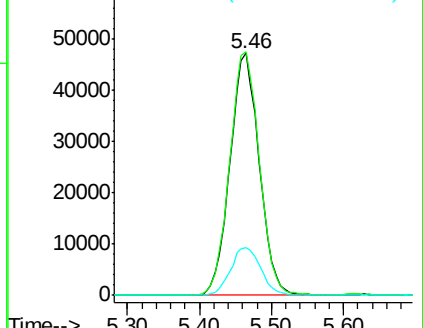
192 20.4 16.7 25.1



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: 50.576 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

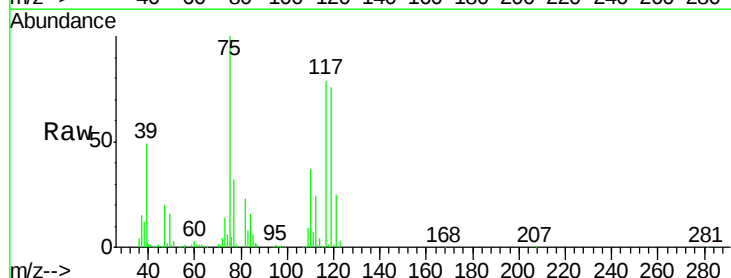
Tgt Ion: 75 Resp: 193897

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

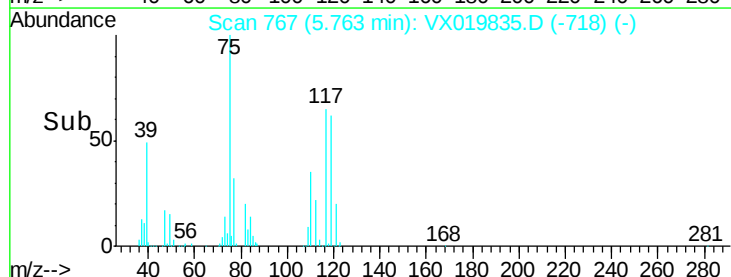
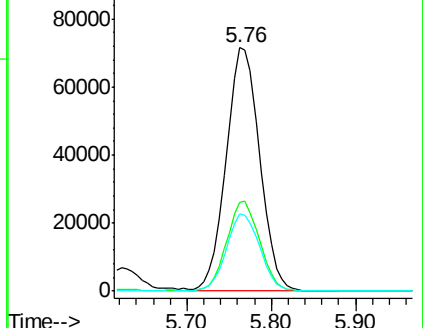
77 31.6 25.3 37.9

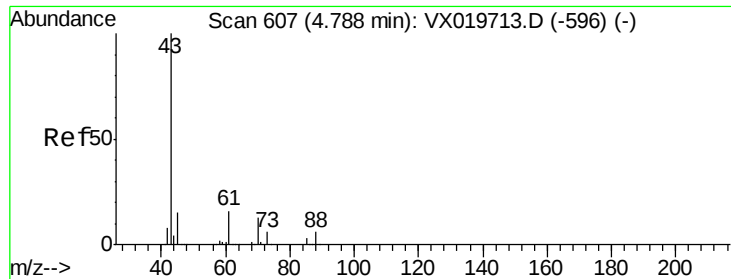


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.736 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

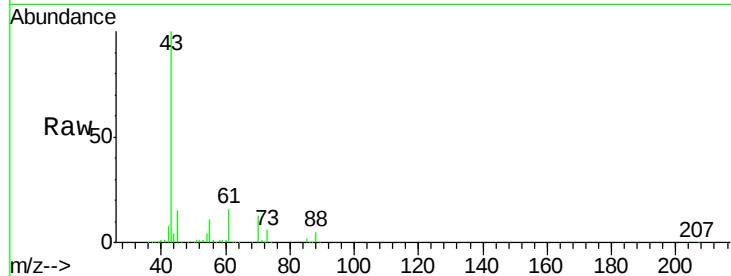
Tgt Ion: 43 Resp: 196389

Ion Ratio Lower Upper

43 100

61 15.2 12.8 19.2

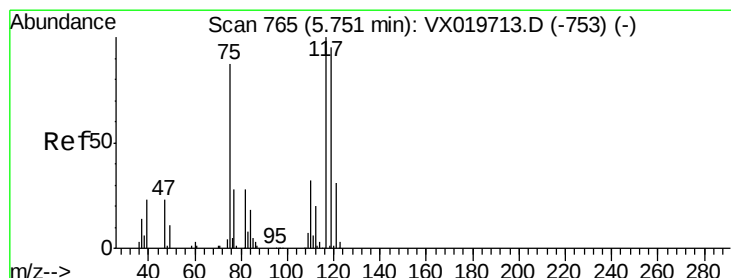
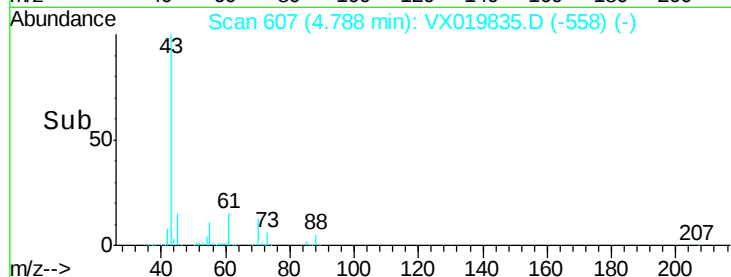
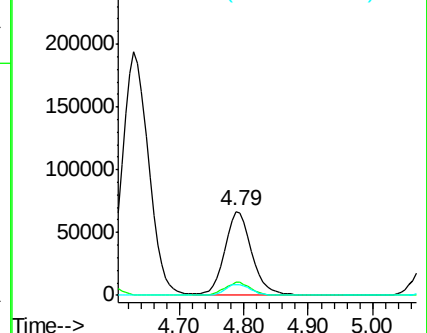
70 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.676 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

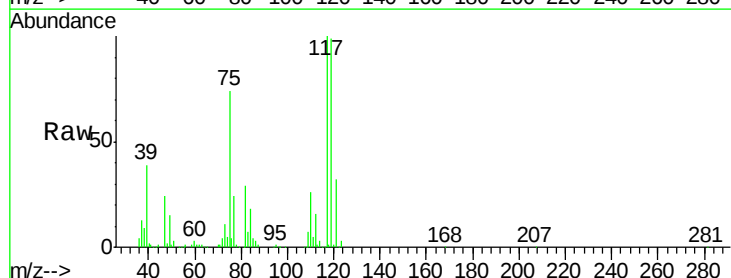
Tgt Ion: 117 Resp: 194006

Ion Ratio Lower Upper

117 100

119 99.5 76.2 114.2

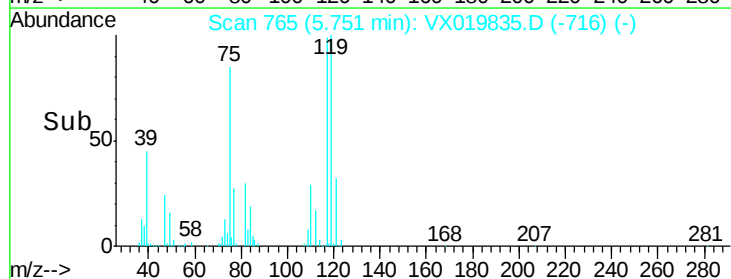
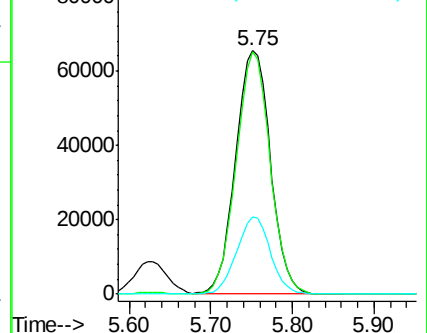
121 31.8 24.8 37.2

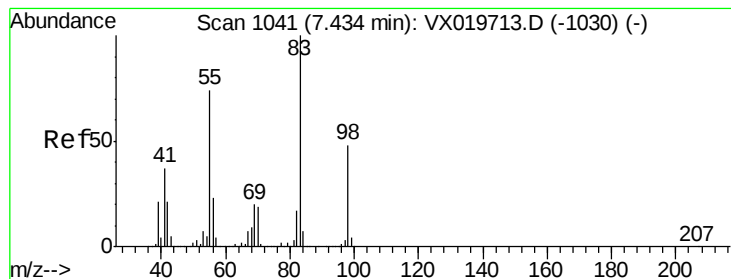


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 51.011 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

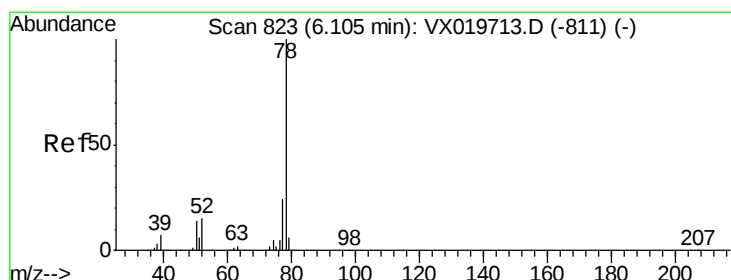
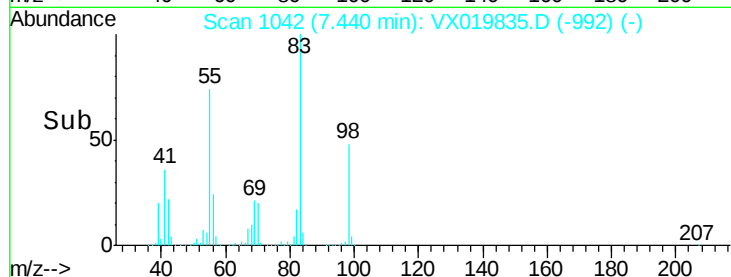
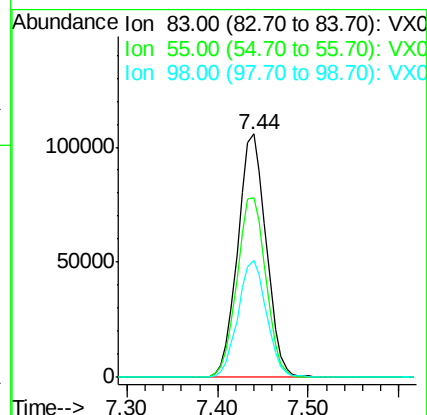
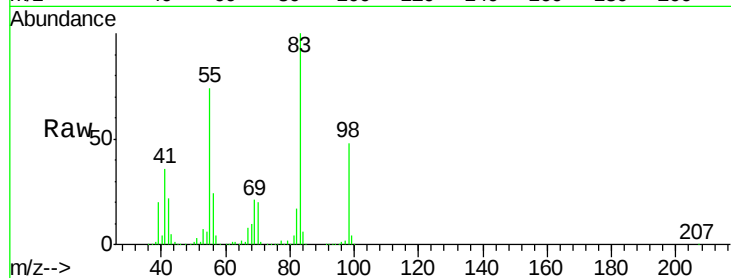
Tgt Ion: 83 Resp: 229764

Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

98 48.0 38.1 57.1



#40

Benzene

Concen: 52.158 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019835.D

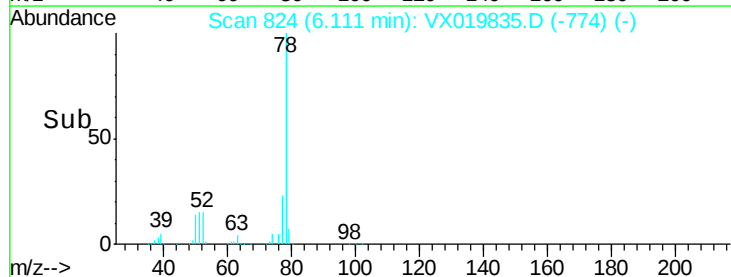
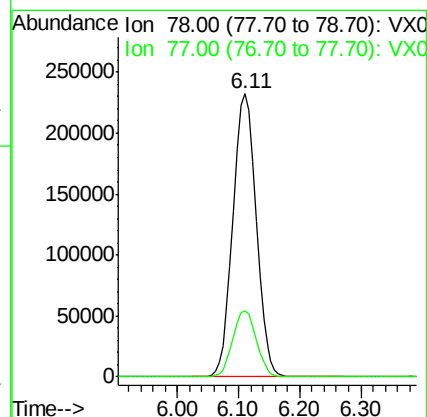
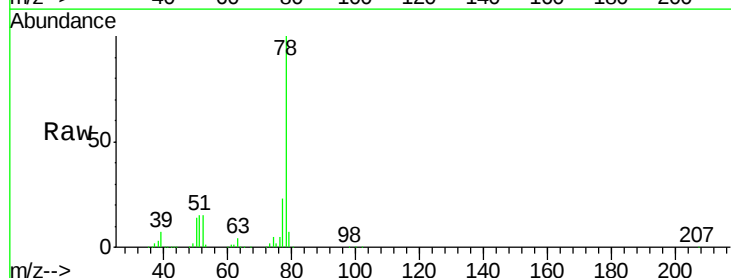
Acq: 10 Dec 2020 19:00

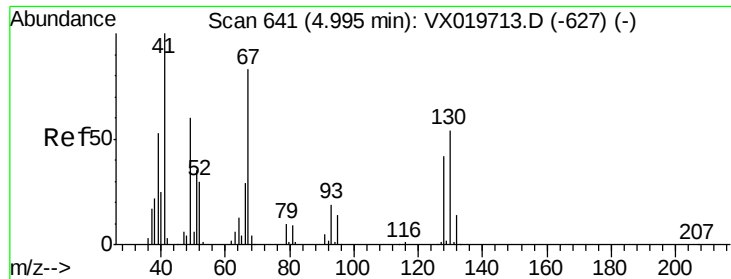
Tgt Ion: 78 Resp: 610823

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3

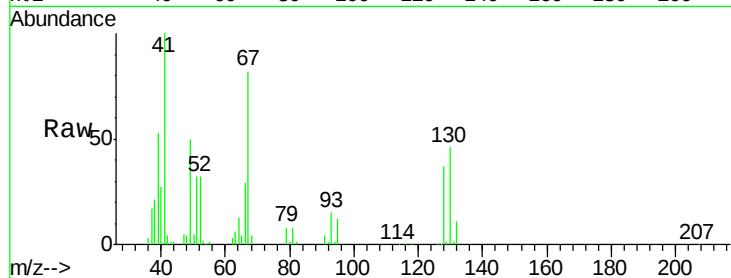




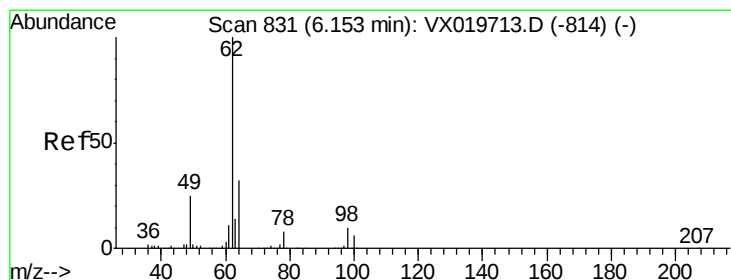
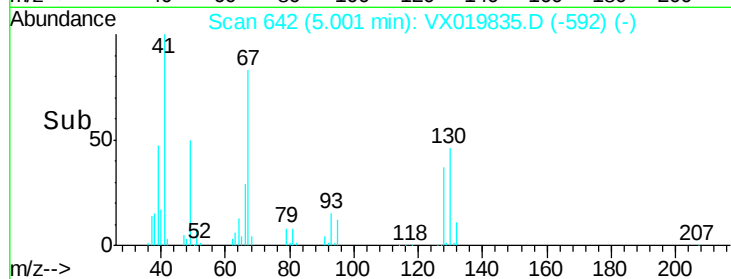
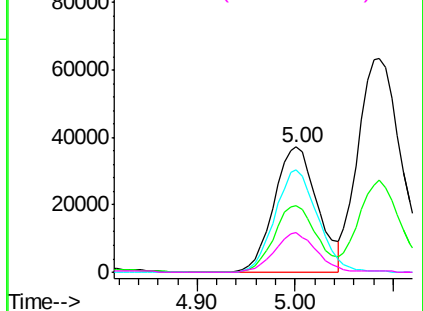
#41
Methacrylonitrile
Concen: 54.166 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

Tgt Ion:	41	Resp:	115117
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	80.9	65.0	97.6
52	31.5	25.3	37.9

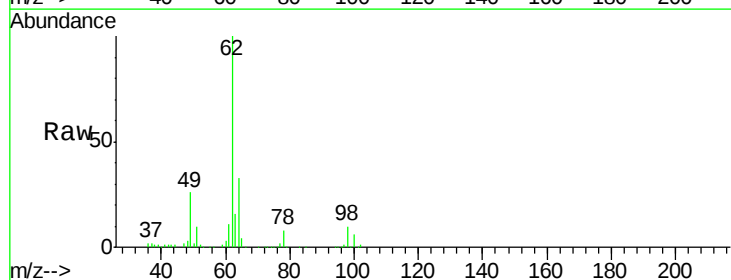


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

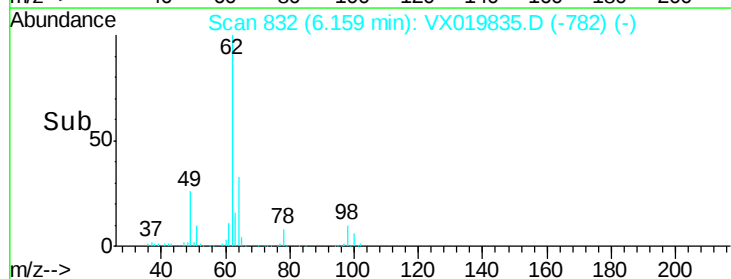
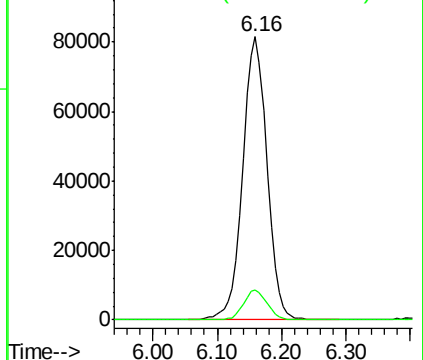


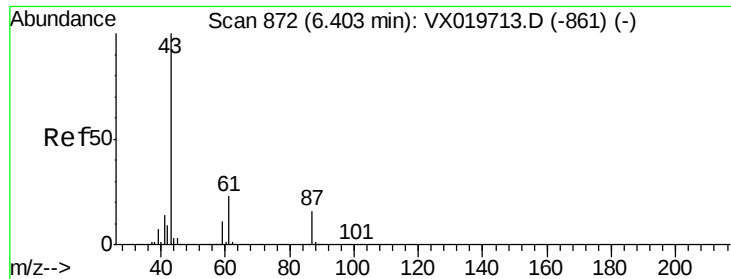
#42
1,2-Dichloroethane
Concen: 52.673 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion:	62	Resp:	210759
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

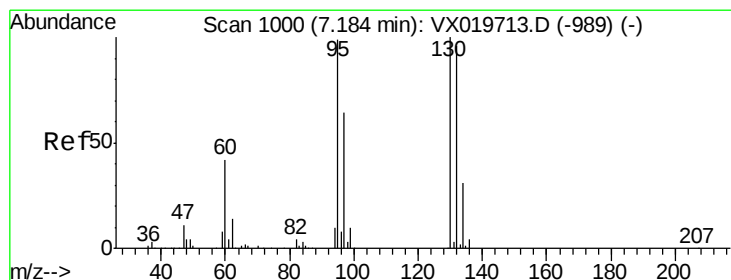
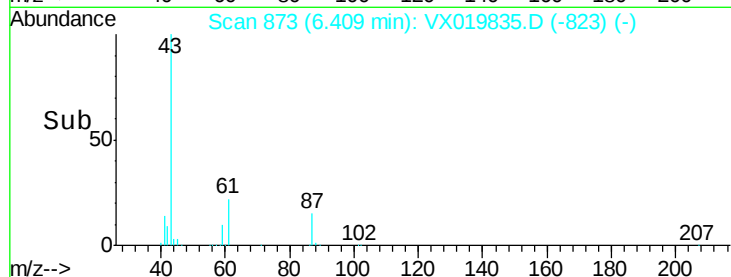
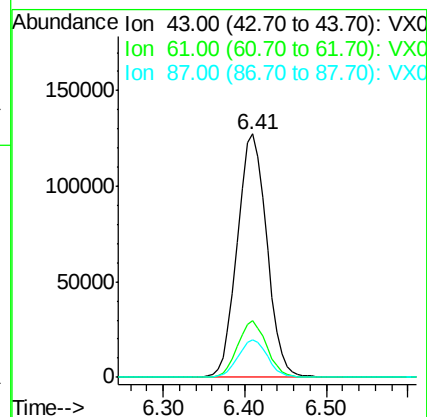
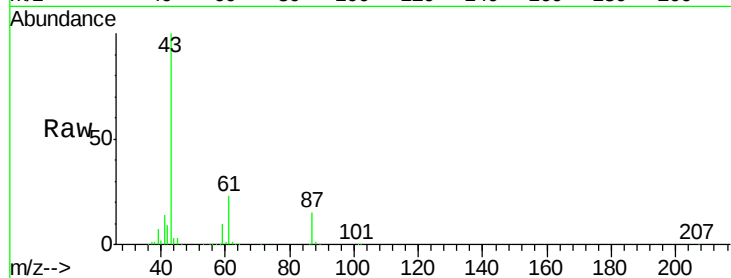




#43
Isopropyl Acetate
Concen: 50.387 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

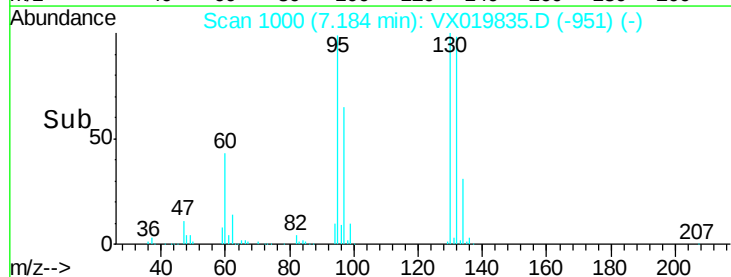
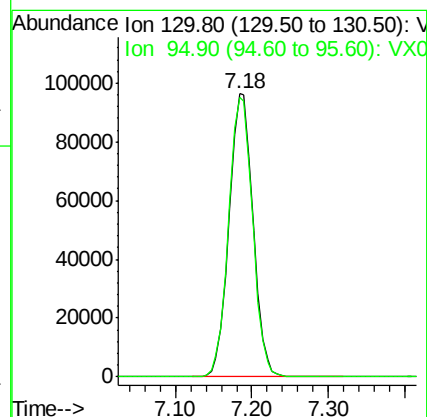
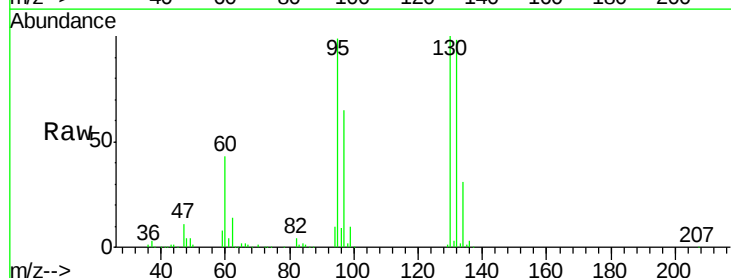
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

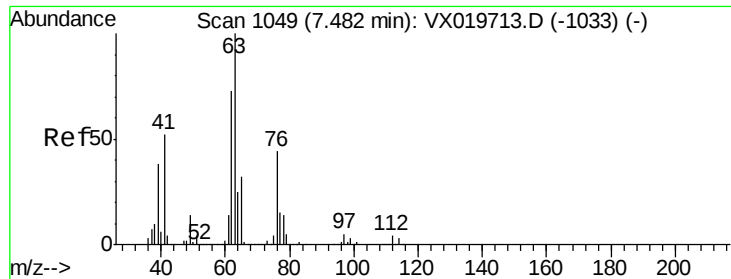
Tgt Ion: 43 Resp: 317094
Ion Ratio Lower Upper
43 100
61 22.9 18.2 27.4
87 15.5 12.5 18.7



#44
Trichloroethene
Concen: 67.799 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 130 Resp: 208326
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0





#45

1,2-Dichloropropane

Concen: 56.925 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

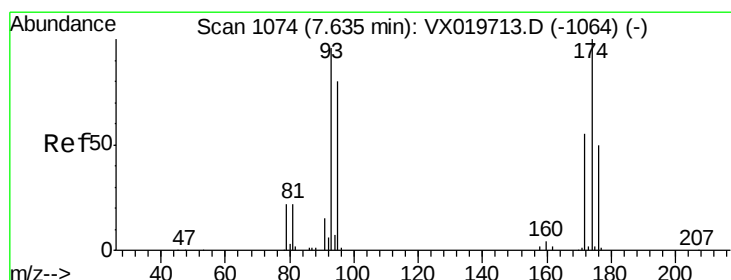
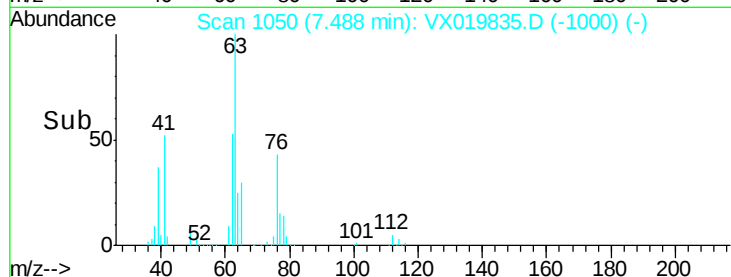
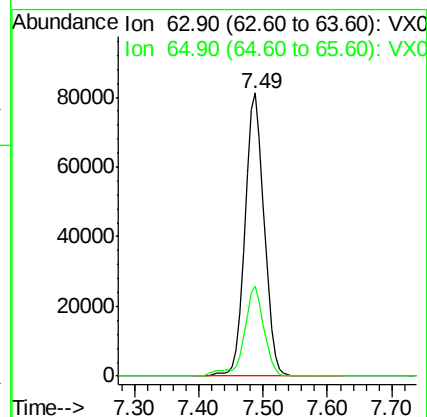
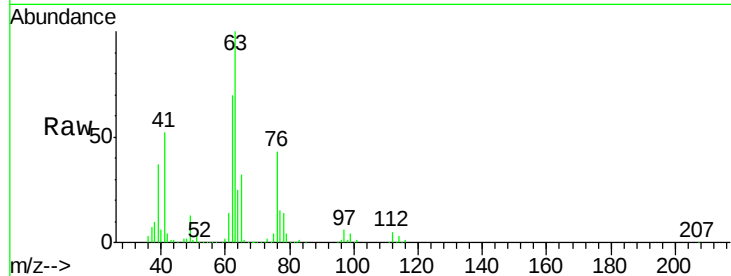
RE135D3-20201208MS

Tgt Ion: 63 Resp: 166616

Ion Ratio Lower Upper

63 100

65 31.9 25.7 38.5



#46

Dibromomethane

Concen: 52.891 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

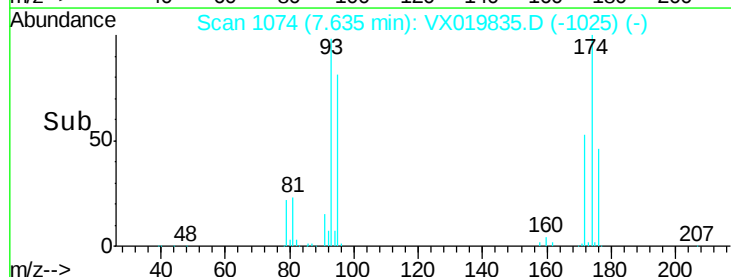
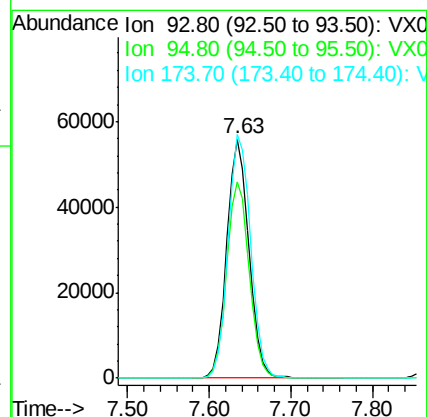
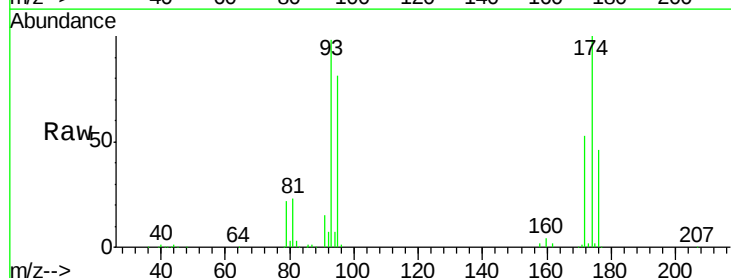
Tgt Ion: 93 Resp: 104544

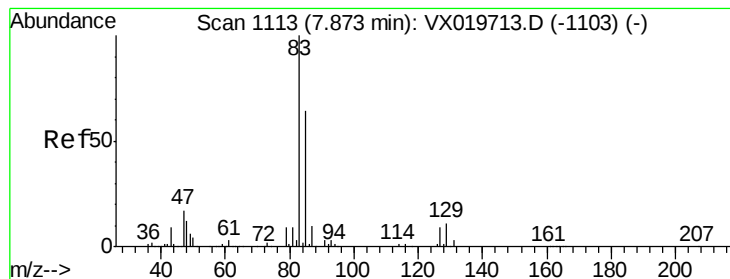
Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

174 104.2 83.1 124.7





#47

Bromodichloromethane

Concen: 52.658 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

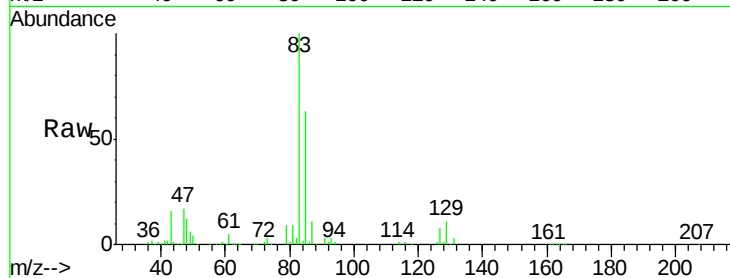
Tgt Ion: 83 Resp: 206533

Ion Ratio Lower Upper

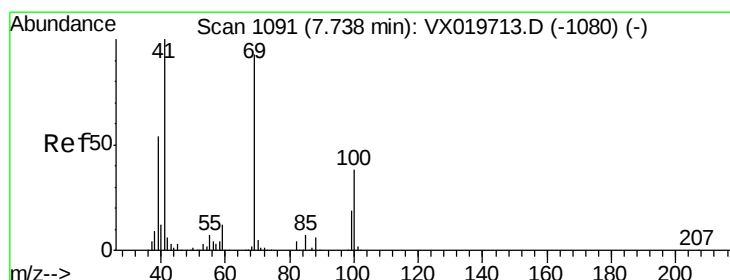
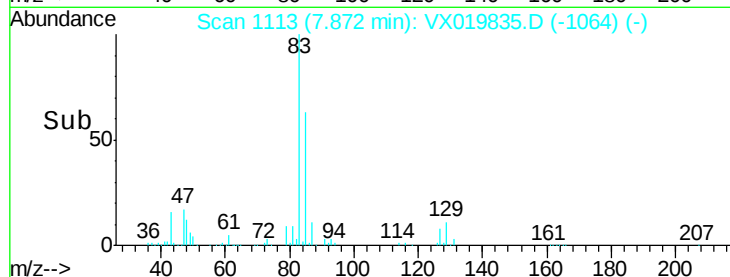
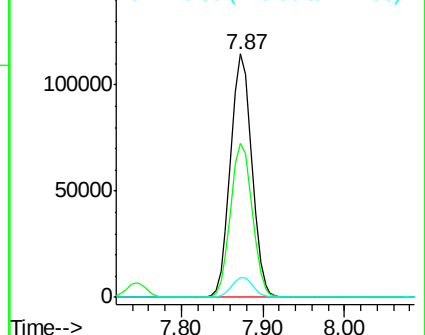
83 100

85 63.4 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: 53.048 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

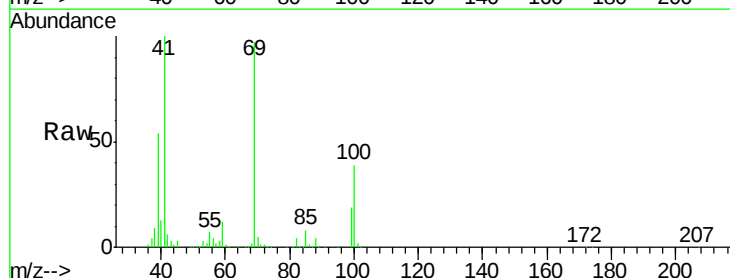
Tgt Ion: 41 Resp: 164188

Ion Ratio Lower Upper

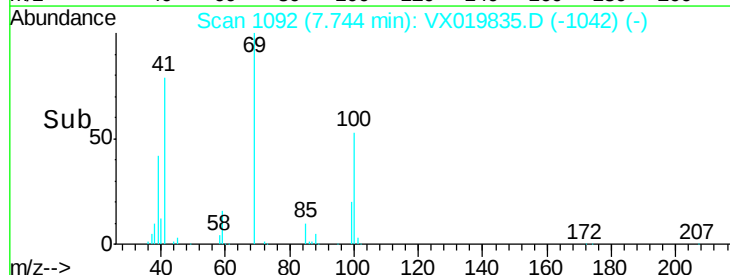
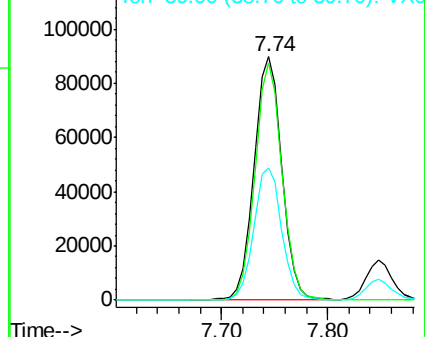
41 100

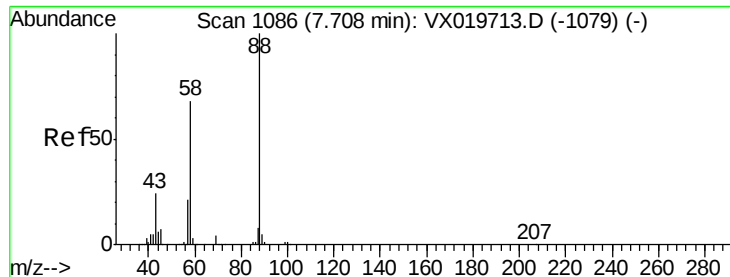
69 94.7 76.0 114.0

39 54.7 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: 1079.962 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

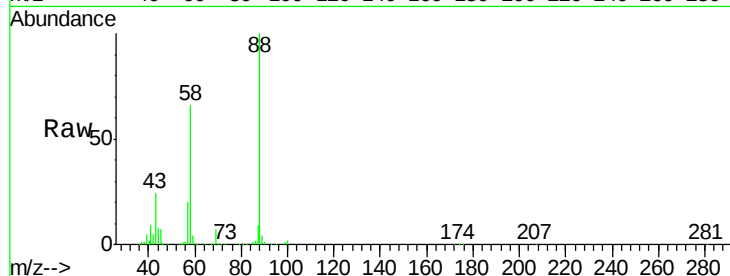
Tgt Ion: 88 Resp: 80972

Ion Ratio Lower Upper

88 100

43 28.3 23.2 34.8

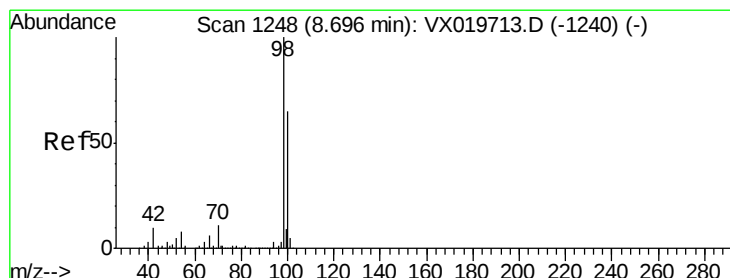
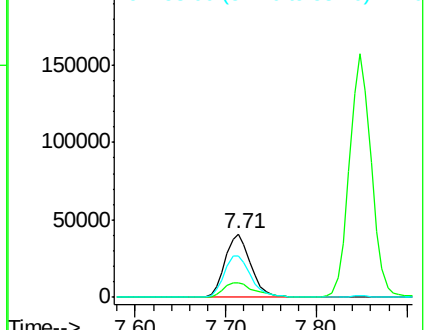
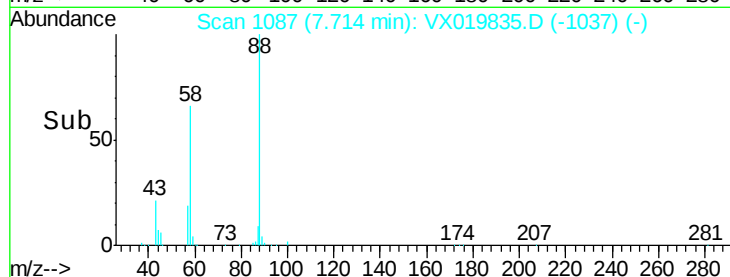
58 69.3 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.379 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019835.D

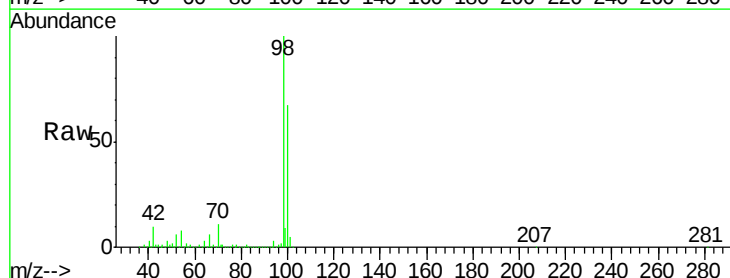
Acq: 10 Dec 2020 19:00

Tgt Ion: 98 Resp: 506435

Ion Ratio Lower Upper

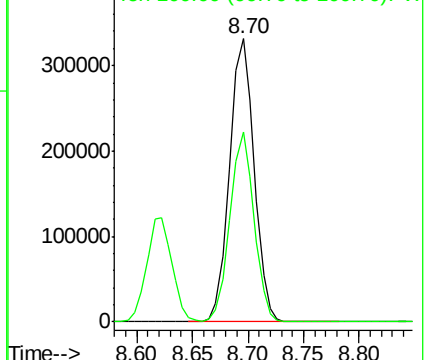
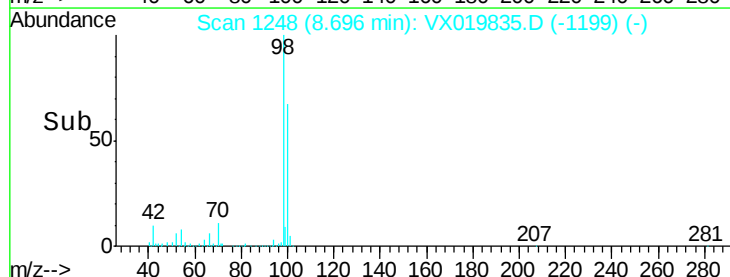
98 100

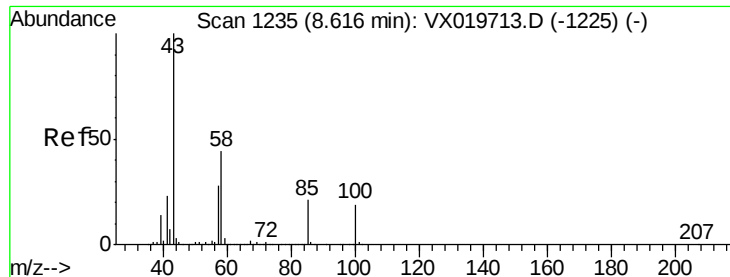
100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

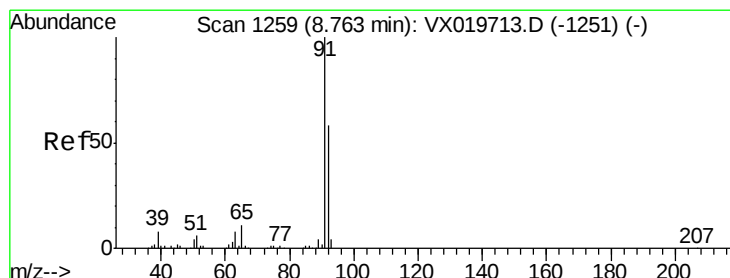
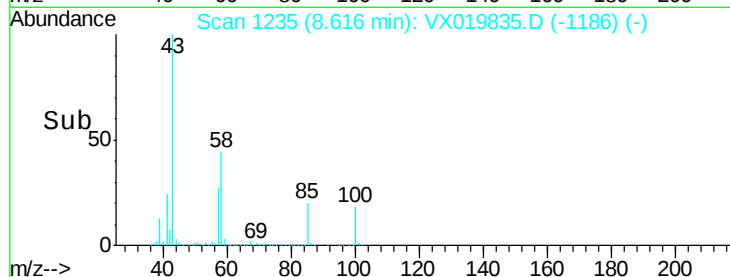
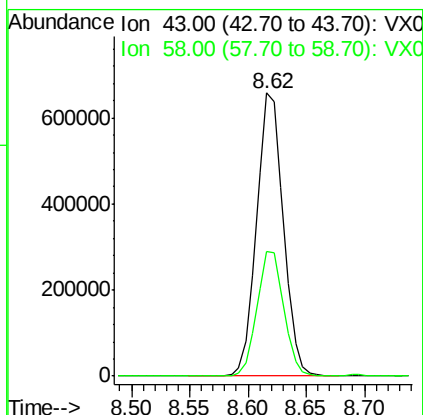
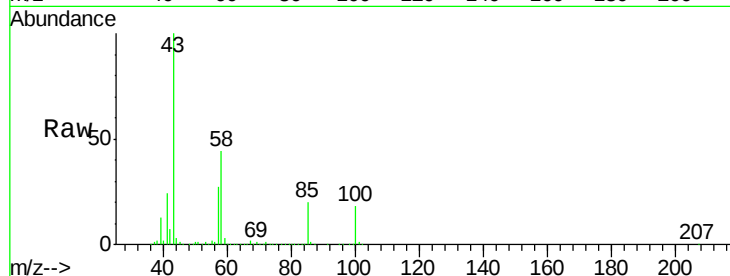




#51
 4-Methyl-2-Pentanone
 Concen: 273.382 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

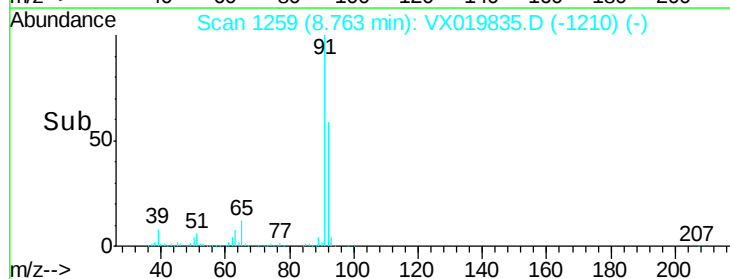
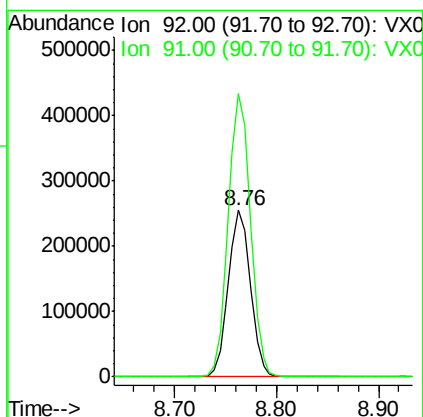
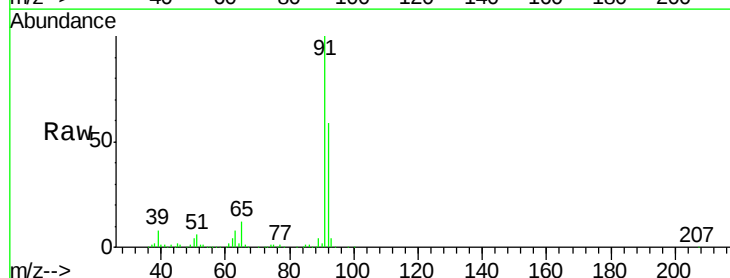
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

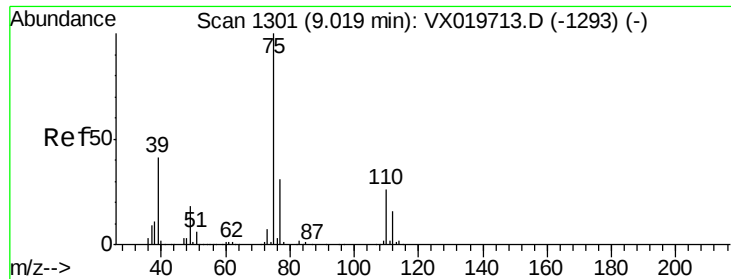
Tgt Ion: 43 Resp: 1050388
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.4 53.0



#52
 Toluene
 Concen: 52.134 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 92 Resp: 381860
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.1 205.7

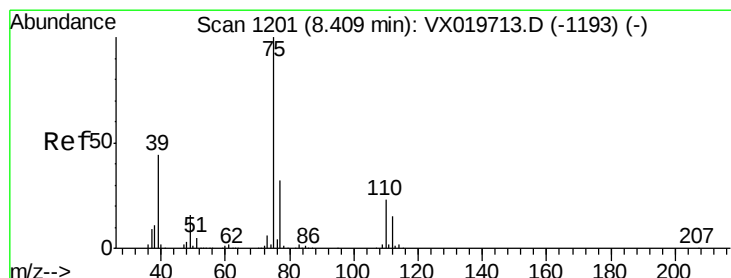
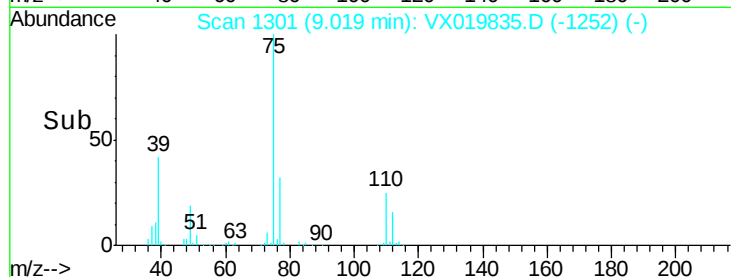
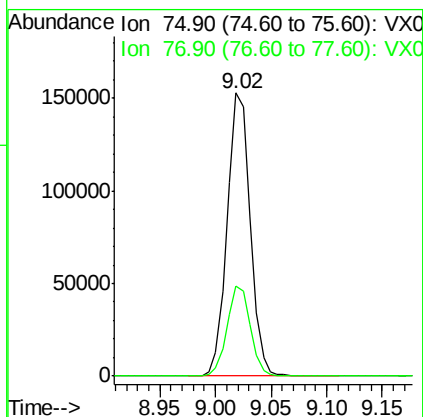
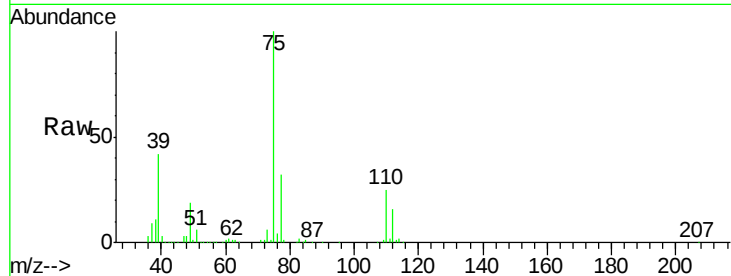




#53
 t-1,3-Dichloropropene
 Concen: 50.446 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

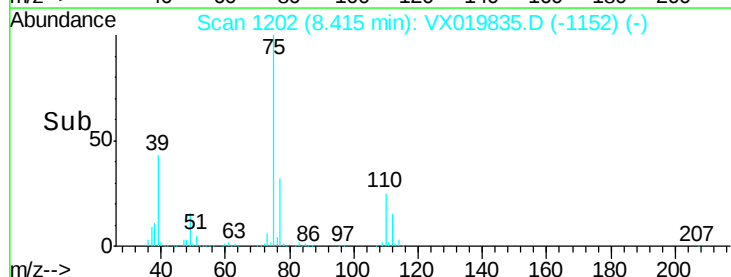
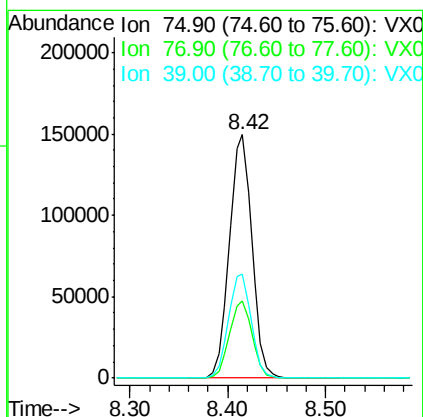
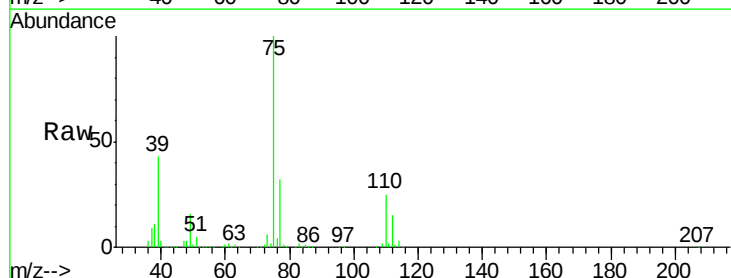
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

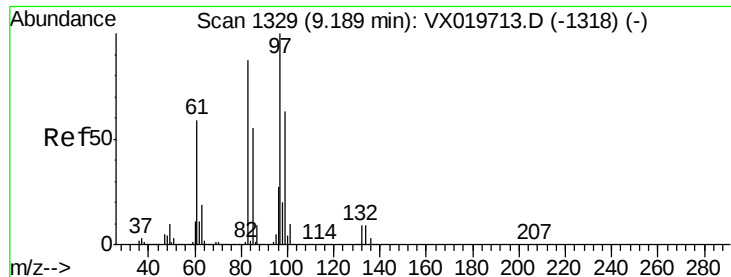
Tgt Ion: 75 Resp: 219562
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.660 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 75 Resp: 239545
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 42.8 35.1 52.7

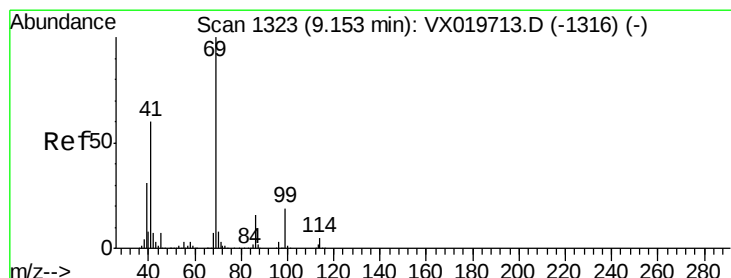
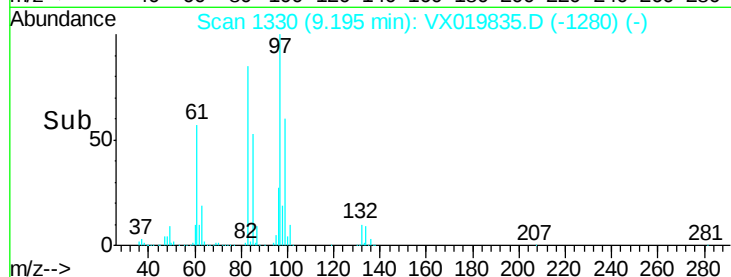
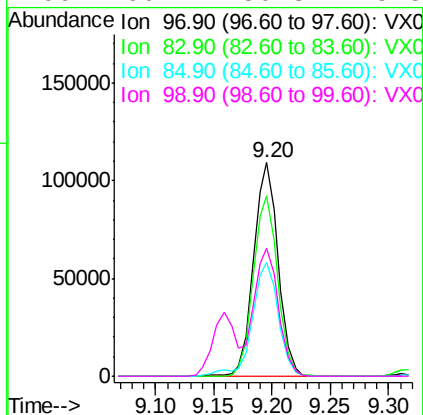
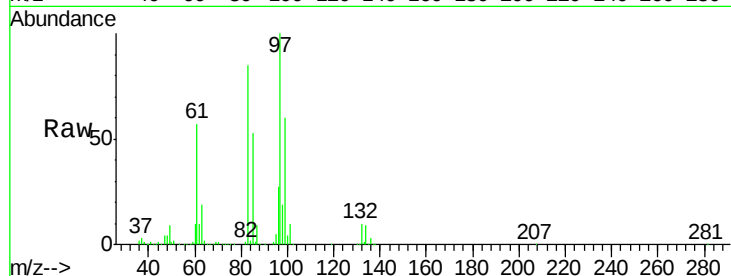




#55
 1,1,2-Trichloroethane
 Concen: 54.094 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

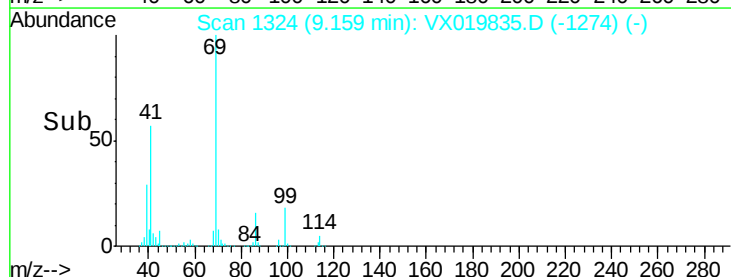
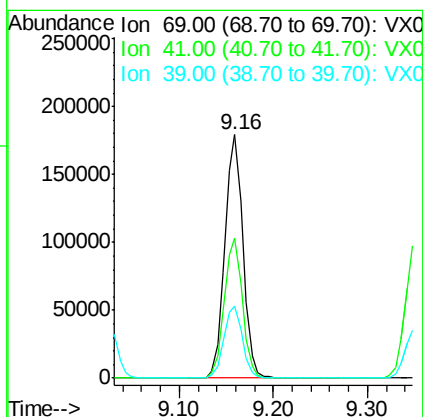
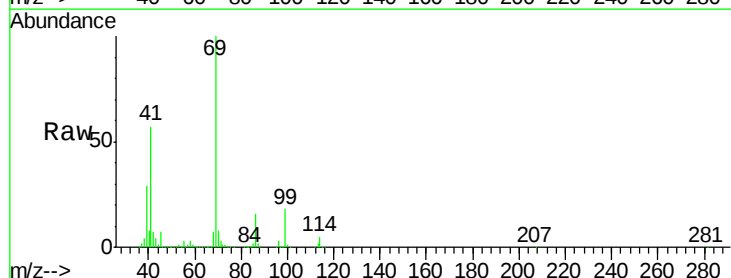
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

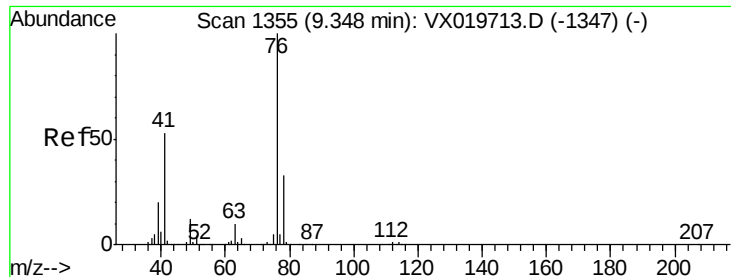
Tgt Ion:	97	Resp:	159668
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.3	103.9
85	53.1	44.3	66.5
99	60.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.479 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion:	69	Resp:	238829
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.8	70.2
39	30.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.108 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

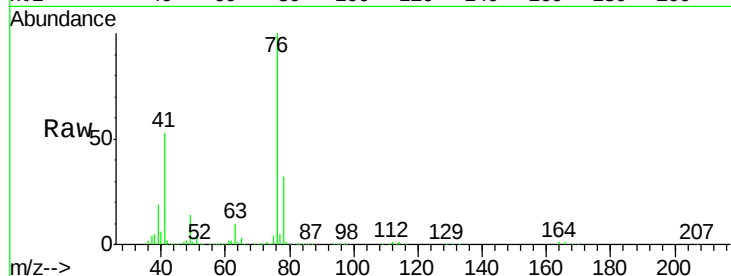
RE135D3-20201208MS

Tgt Ion: 76 Resp: 267669

Ion Ratio Lower Upper

76 100

78 32.0 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

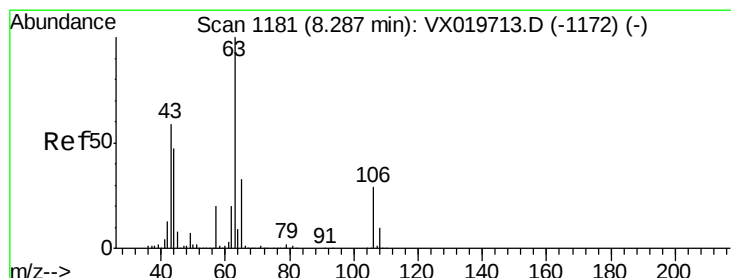
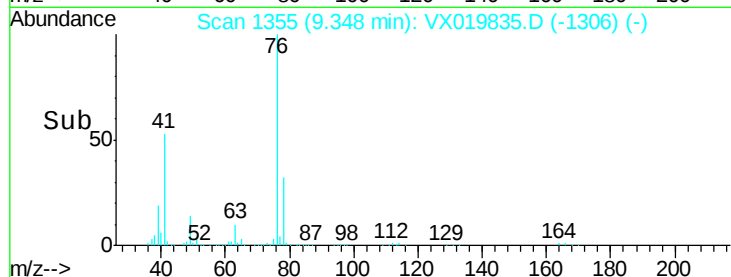
100000

50000

0

Time-->

9.30 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 0.550 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.13 min

Lab File: VX019835.D

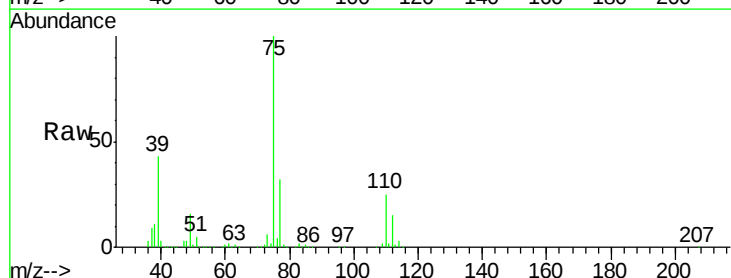
Acq: 10 Dec 2020 19:00

Tgt Ion: 63 Resp: 1301

Ion Ratio Lower Upper

63 100

106 0.0 23.5 35.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.42

800

600

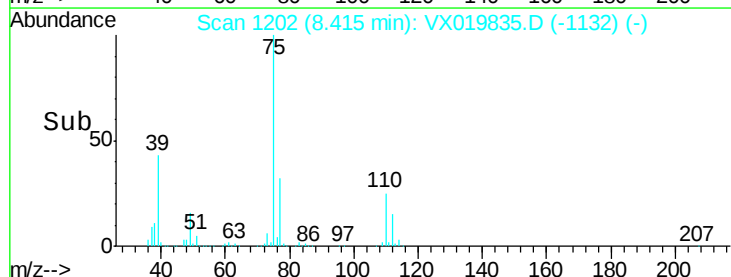
400

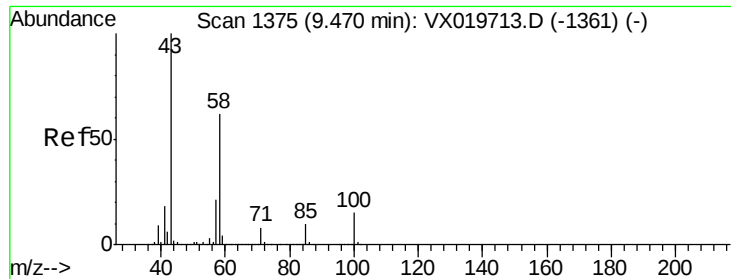
200

0

Time-->

8.35 8.40 8.45

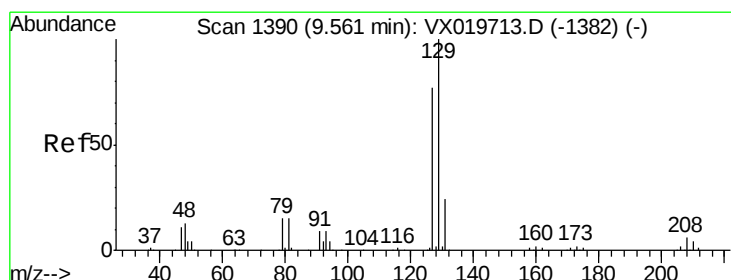
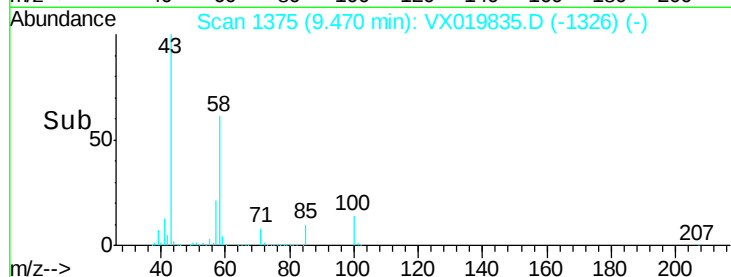
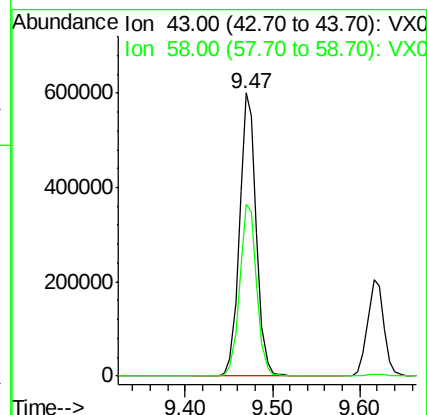
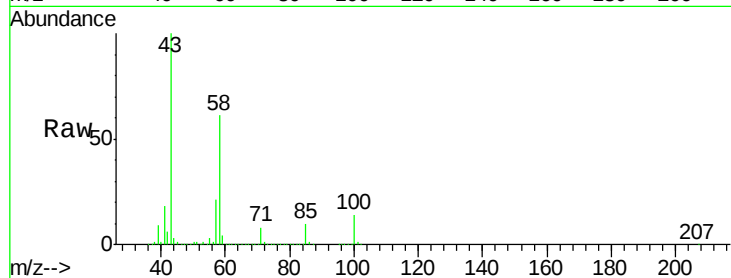




#59
2-Hexanone
Concen: 270.313 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

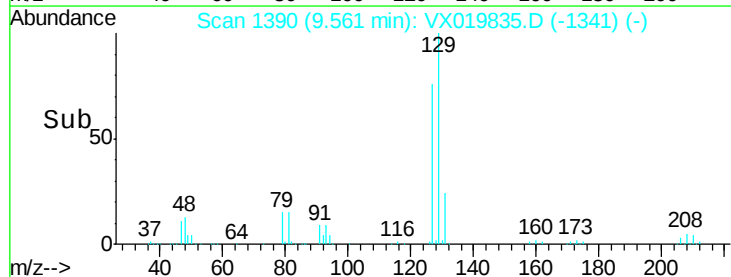
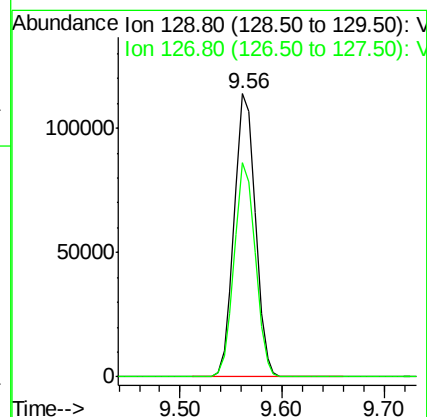
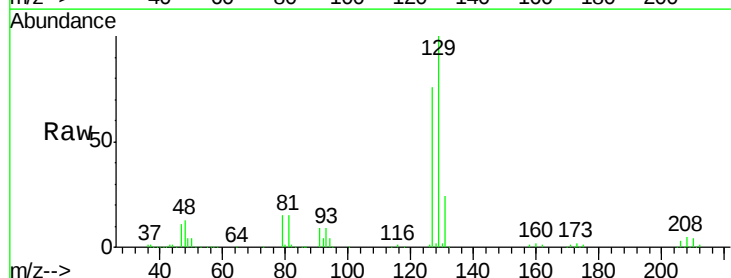
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

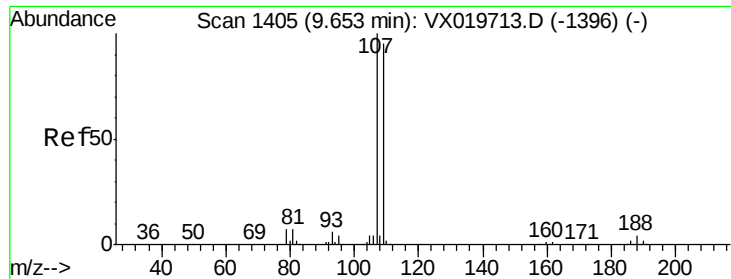
Tgt Ion: 43 Resp: 805049
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.8



#60
Dibromochloromethane
Concen: 54.413 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 129 Resp: 163178
Ion Ratio Lower Upper
129 100
127 75.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.007 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

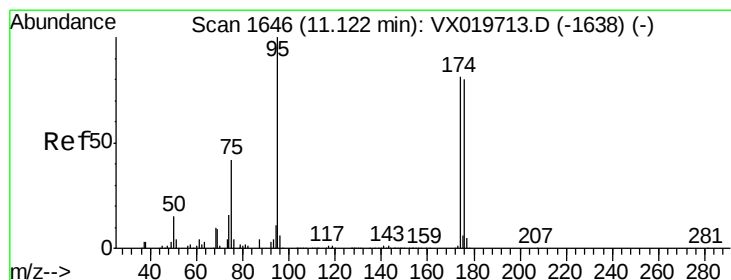
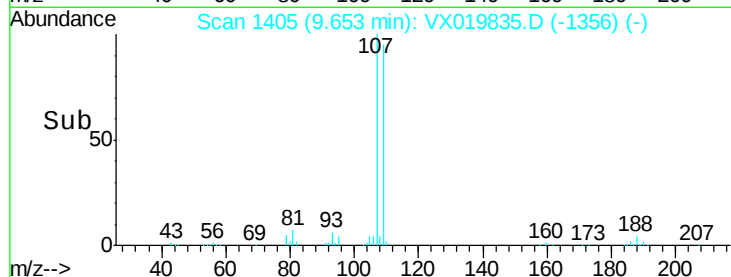
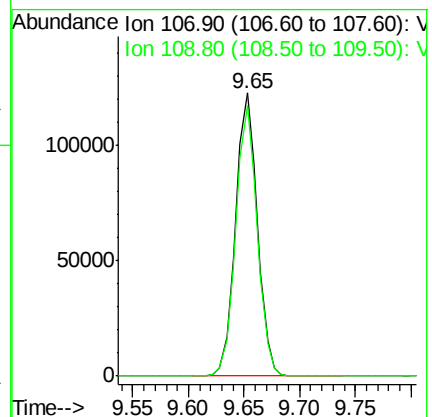
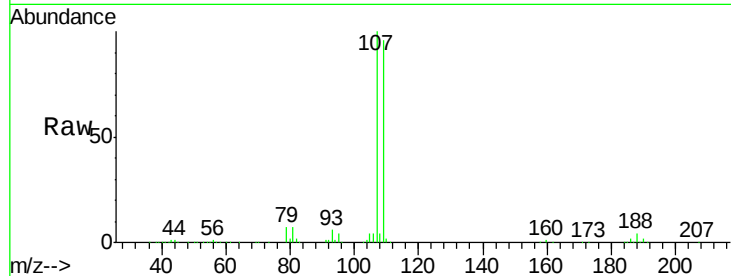
RE135D3-20201208MS

Tgt Ion: 107 Resp: 166143

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 47.908 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

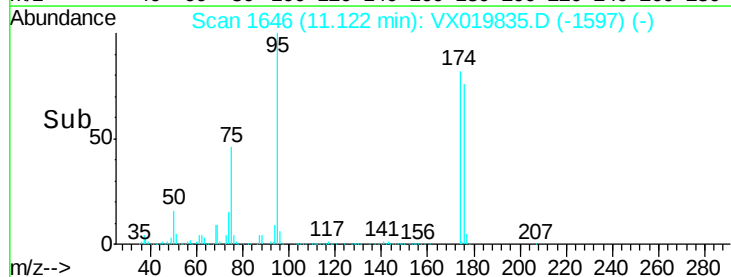
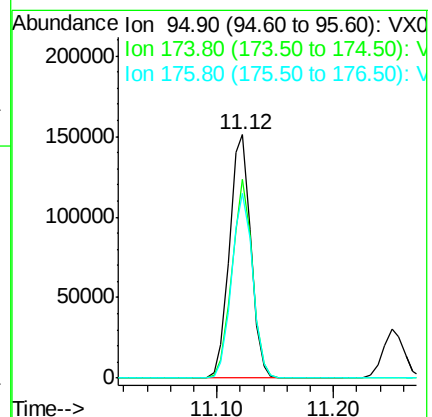
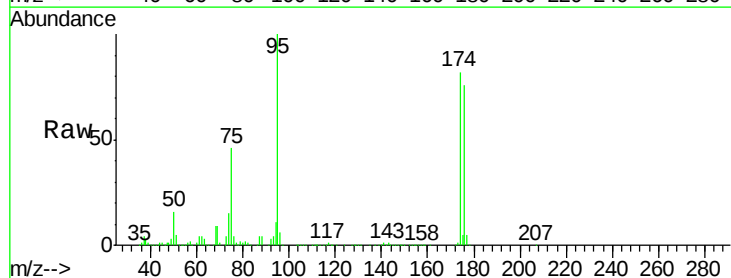
Tgt Ion: 95 Resp: 190877

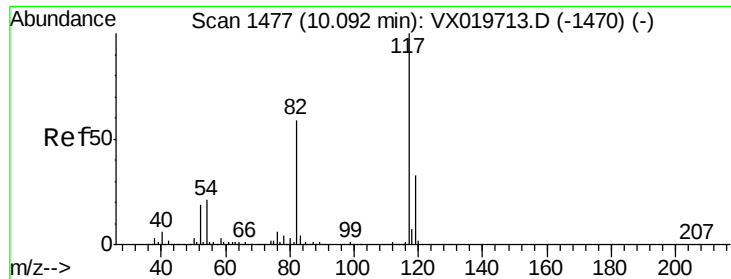
Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

176 75.5 0.0 155.8

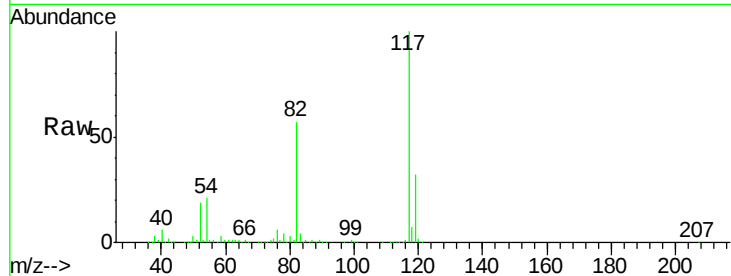




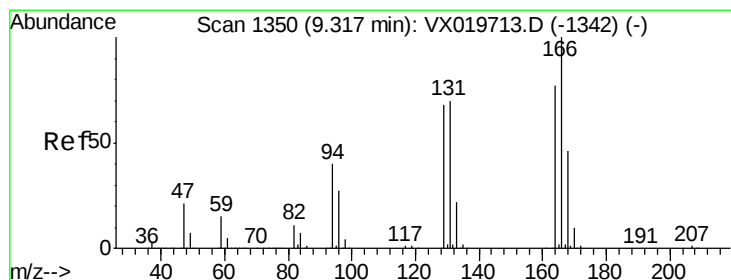
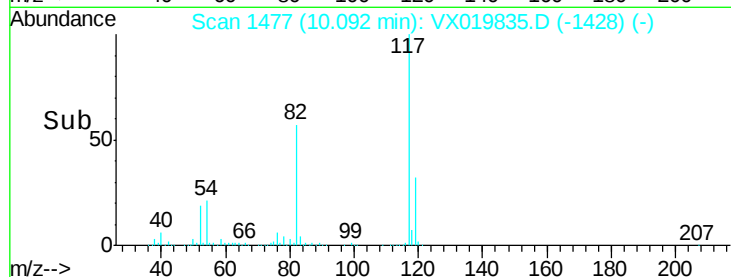
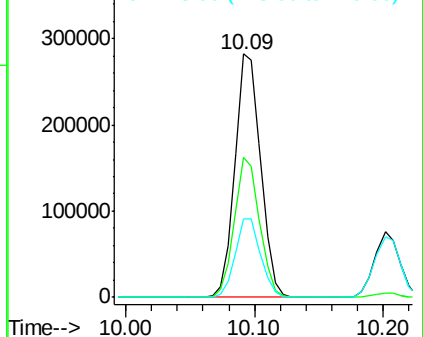
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

Tgt Ion:117 Resp: 391503
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.3 26.6 39.8

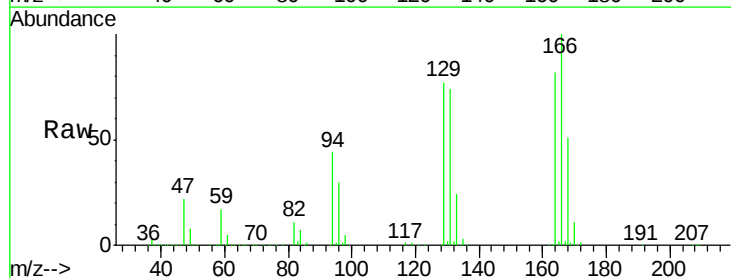


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

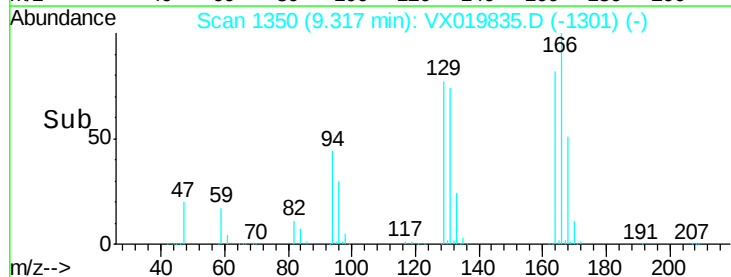
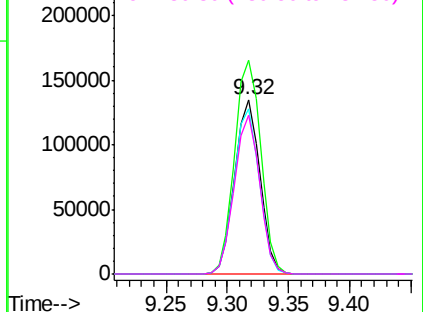


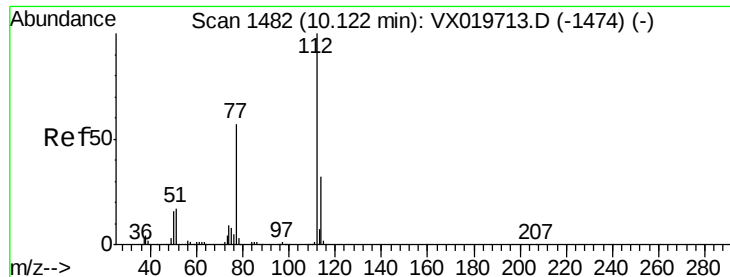
#64
Tetrachloroethene
Concen: 73.265 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion:164 Resp: 192356
Ion Ratio Lower Upper
164 100
166 122.5 103.4 155.2
129 94.4 70.8 106.2
131 90.7 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





#65

Chlorobenzene

Concen: 50.895 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

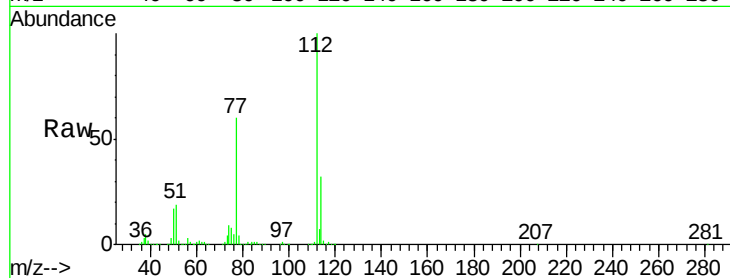
RE135D3-20201208MS

Tgt Ion:112 Resp: 396974

Ion Ratio Lower Upper

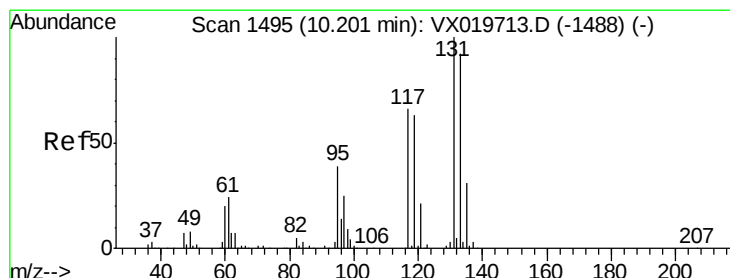
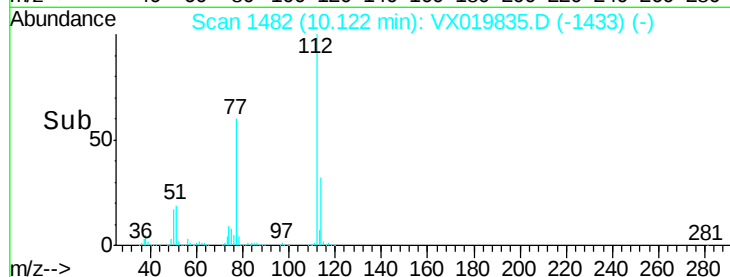
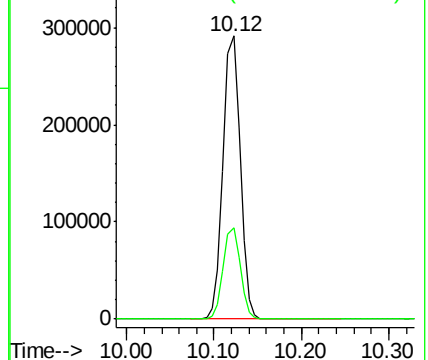
112 100

114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.069 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

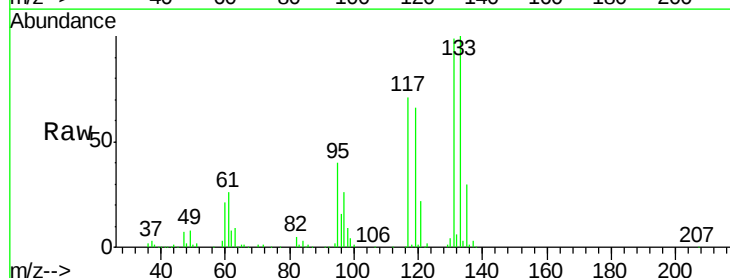
Tgt Ion:131 Resp: 148985

Ion Ratio Lower Upper

131 100

133 97.0 47.7 143.1

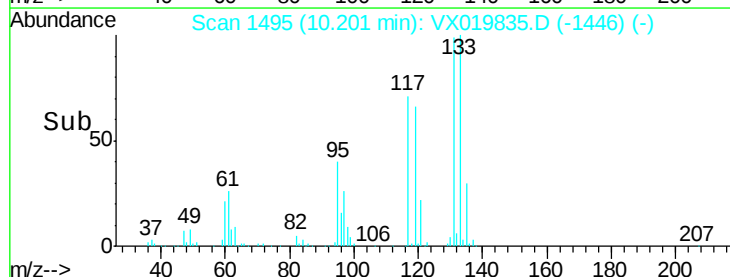
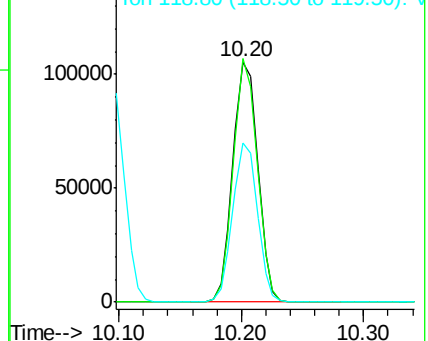
119 66.0 32.1 96.5

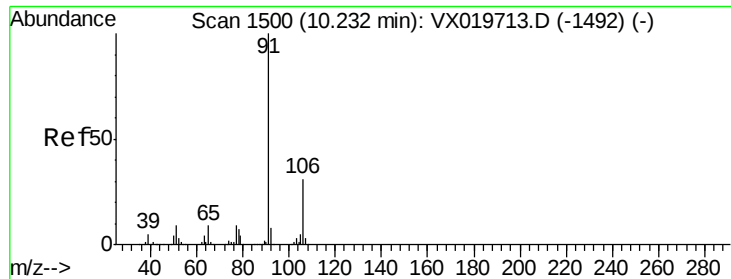


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.410 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

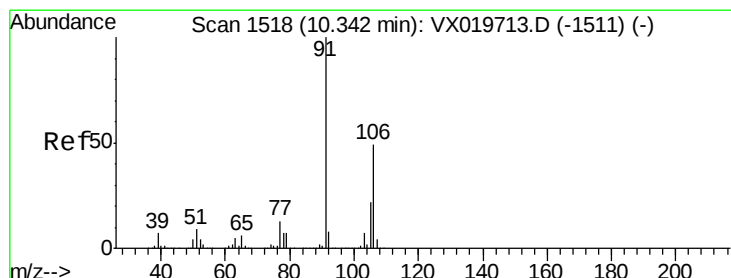
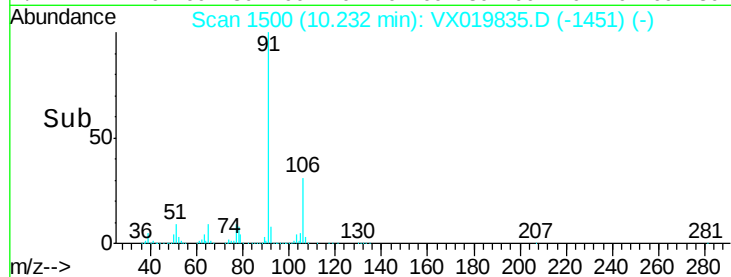
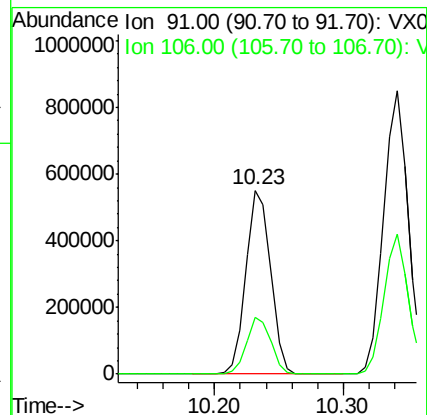
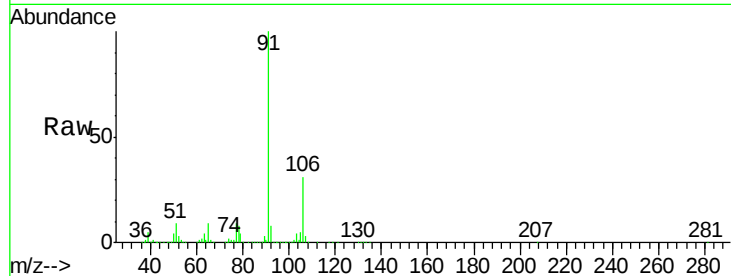
RE135D3-20201208MS

Tgt Ion: 91 Resp: 725612

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 104.690 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019835.D

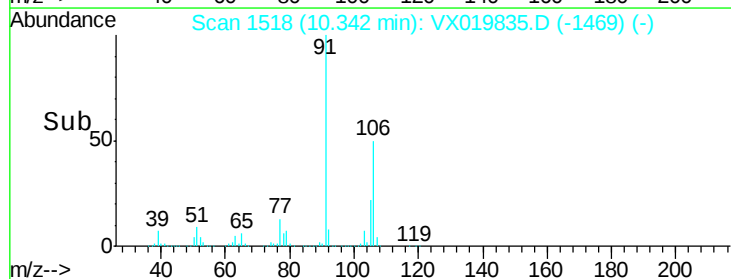
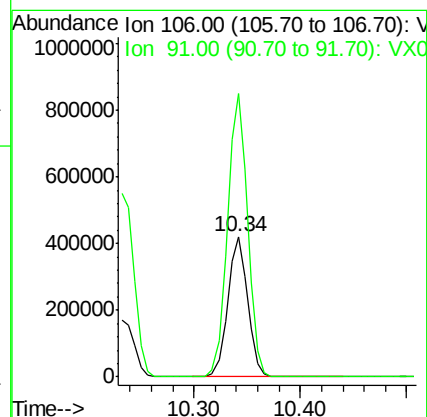
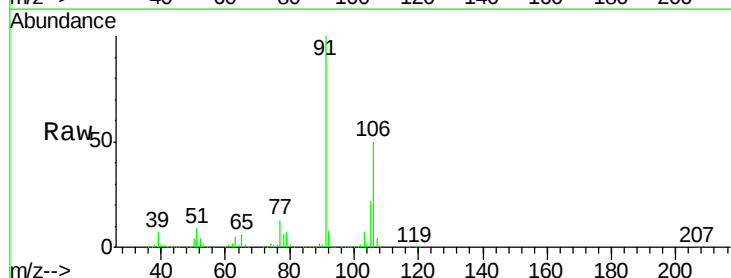
Acq: 10 Dec 2020 19:00

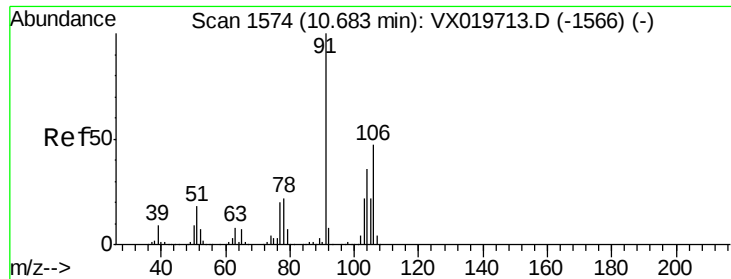
Tgt Ion: 106 Resp: 546169

Ion Ratio Lower Upper

106 100

91 204.8 162.8 244.2

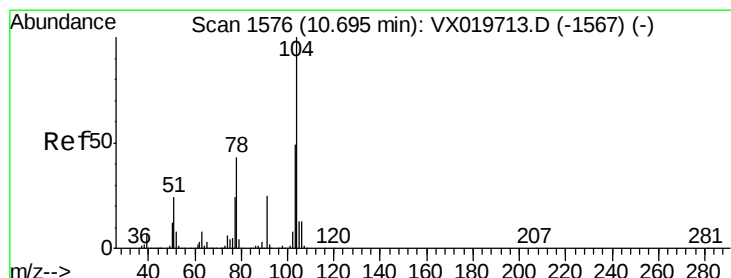
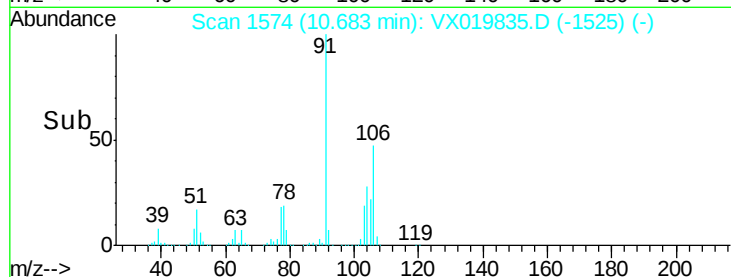
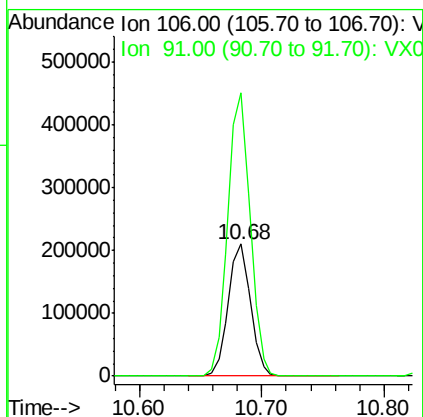
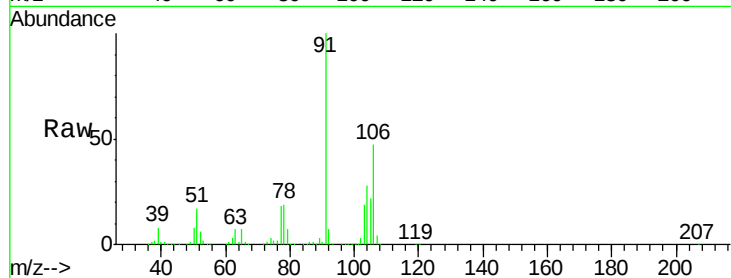




#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

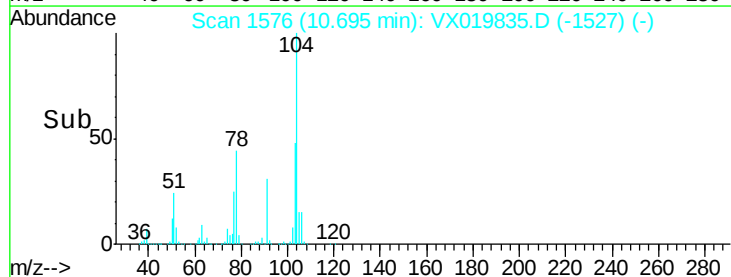
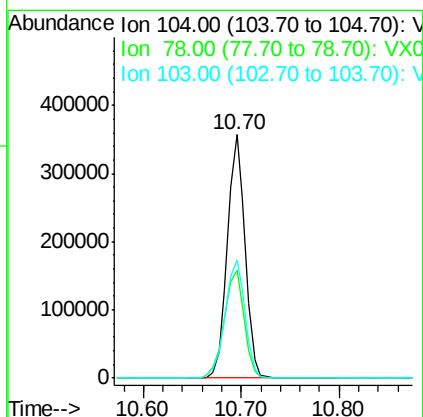
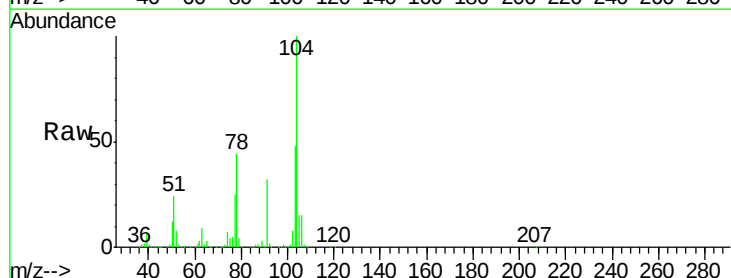
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

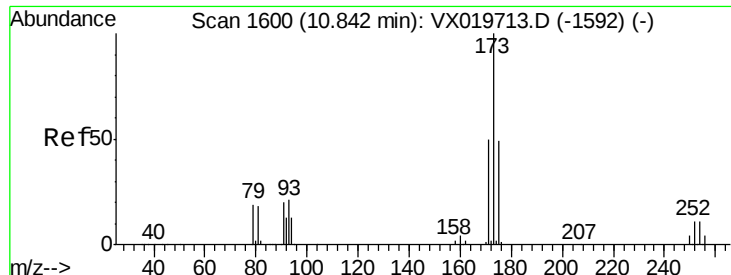
Tgt Ion:106 Resp: 263518
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.2



#70
Styrene
Concen: 52.902 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion:104 Resp: 448111
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 52.997 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

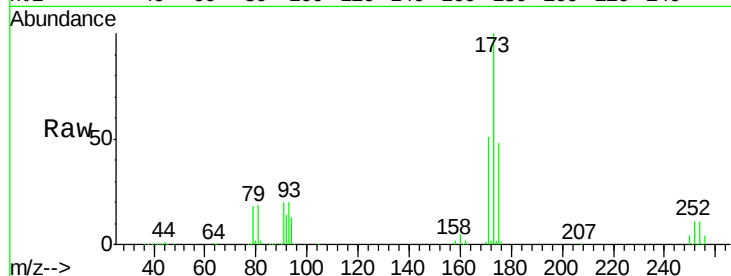
Tgt Ion:173 Resp: 117044

Ion Ratio Lower Upper

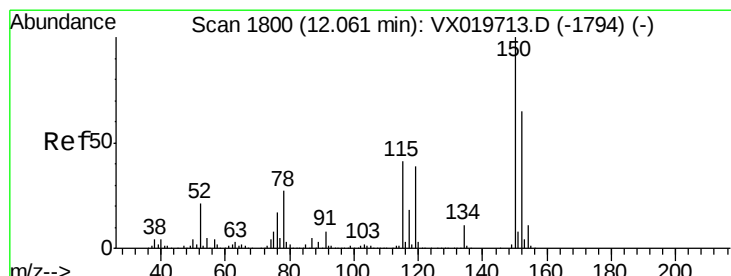
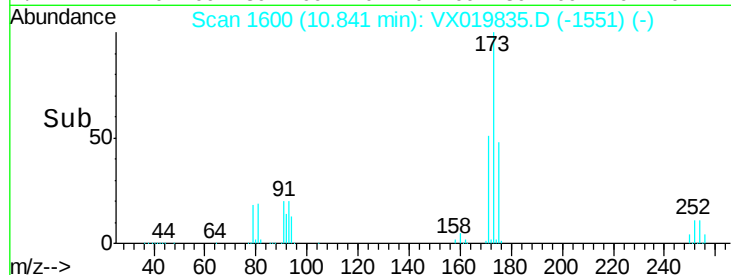
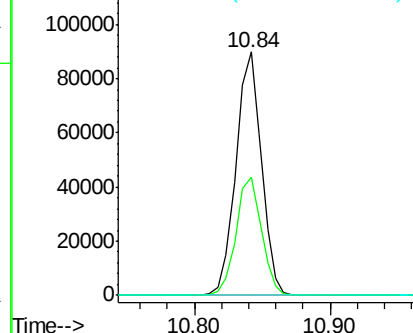
173 100

175 48.4 23.9 71.8

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

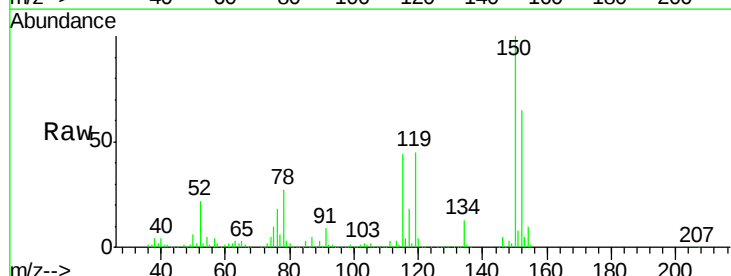
Tgt Ion:152 Resp: 193459

Ion Ratio Lower Upper

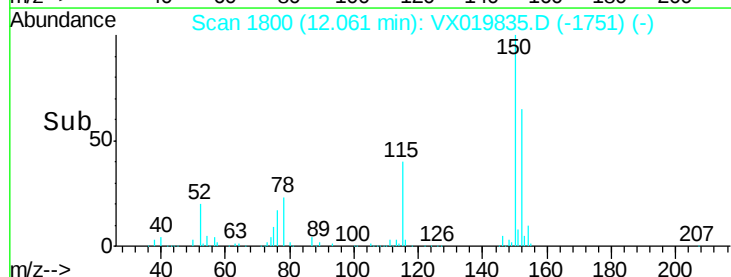
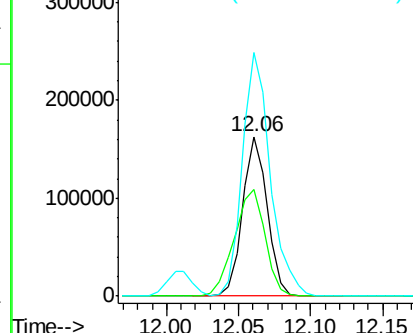
152 100

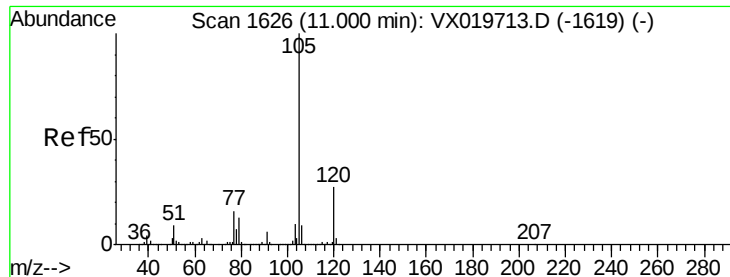
115 84.2 41.1 123.3

150 173.3 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: 53.362 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

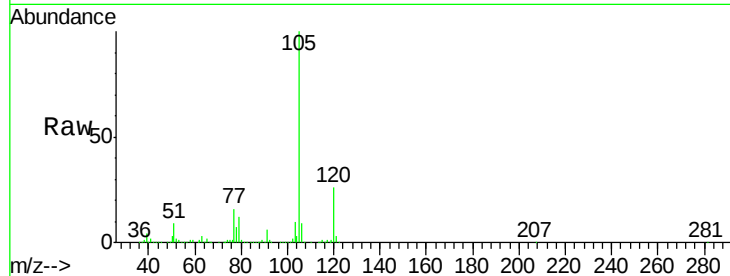
RE135D3-20201208MS

Tgt Ion: 105 Resp: 705286

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

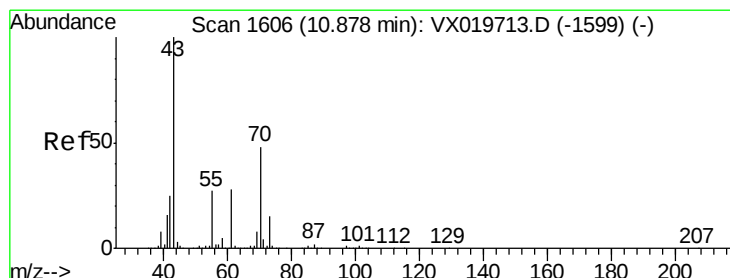
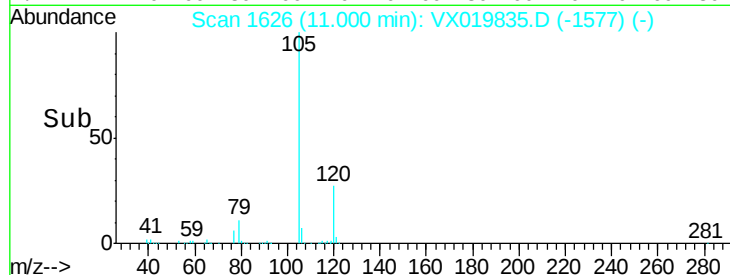
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.966 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Tgt Ion: 43 Resp: 264650

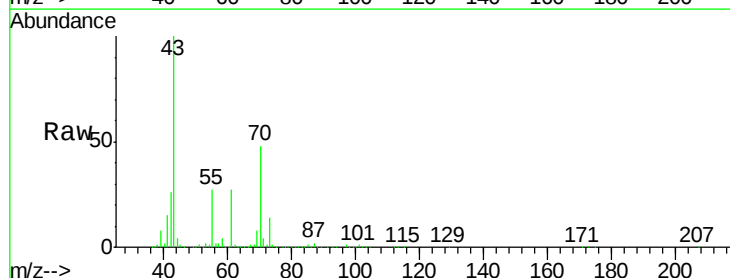
Ion Ratio Lower Upper

43 100

70 49.1 39.0 58.6

55 27.4 21.5 32.3

61 27.4 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

300000

200000

100000

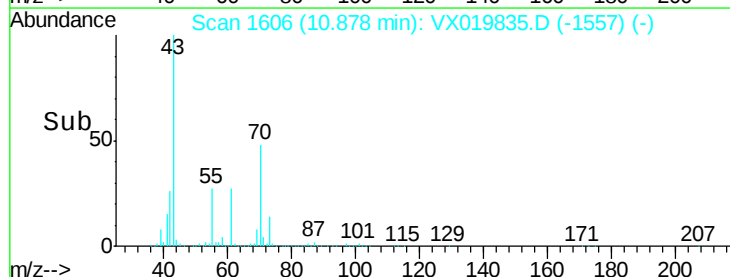
0

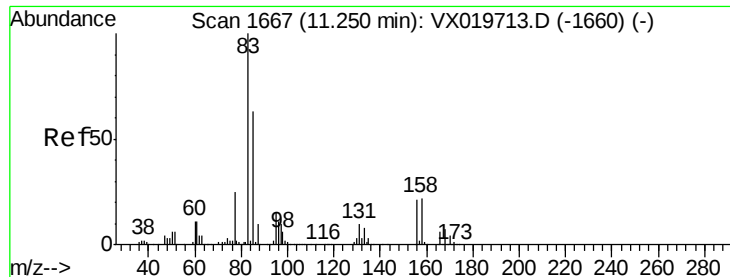
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.131 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

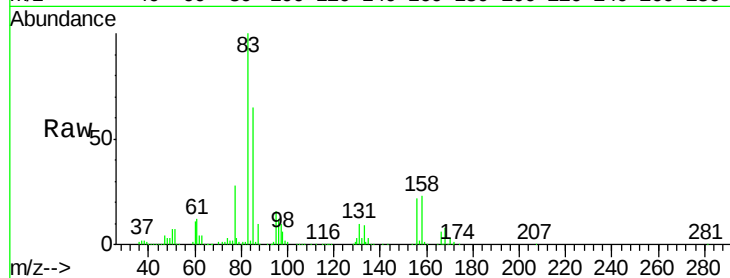
Tgt Ion: 83 Resp: 252240

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

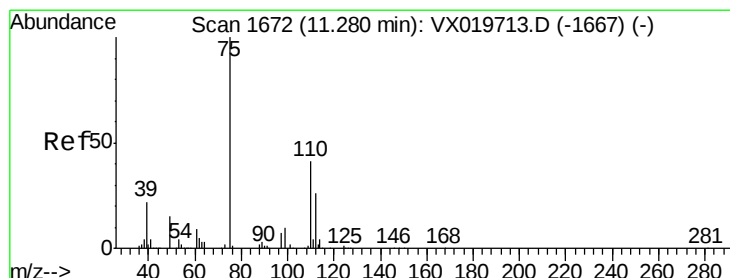
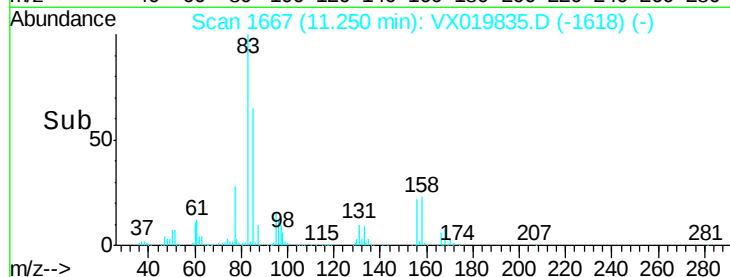
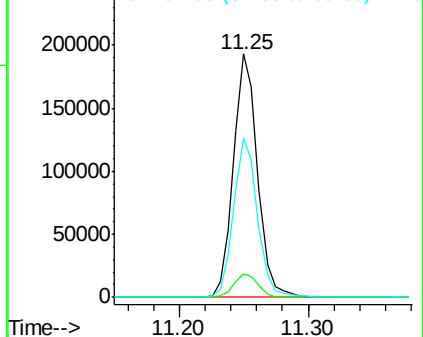
85 65.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.587 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019835.D

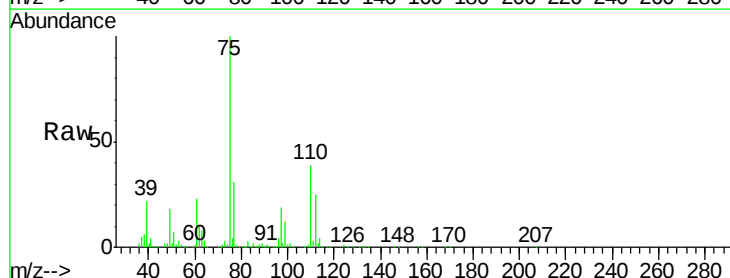
Acq: 10 Dec 2020 19:00

Tgt Ion: 75 Resp: 284581

Ion Ratio Lower Upper

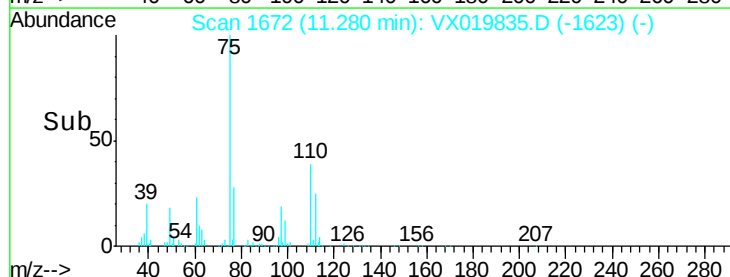
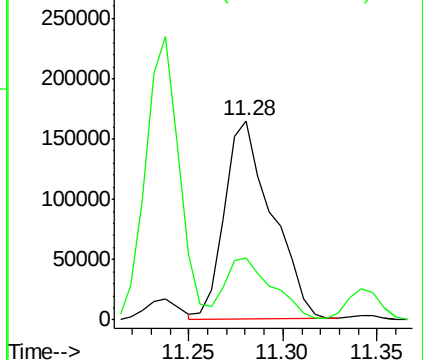
75 100

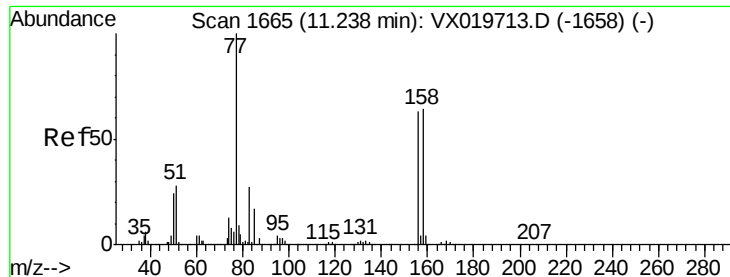
77 31.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.479 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

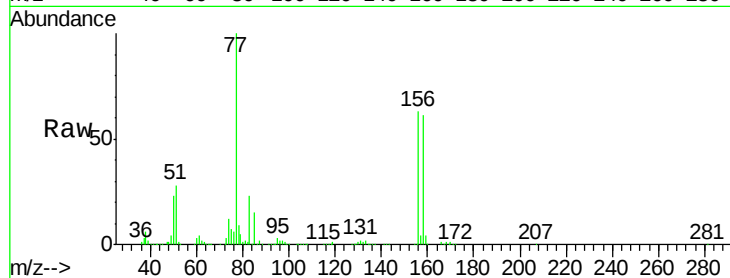
Tgt Ion:156 Resp: 174123

Ion Ratio Lower Upper

156 100

77 168.2 82.8 248.6

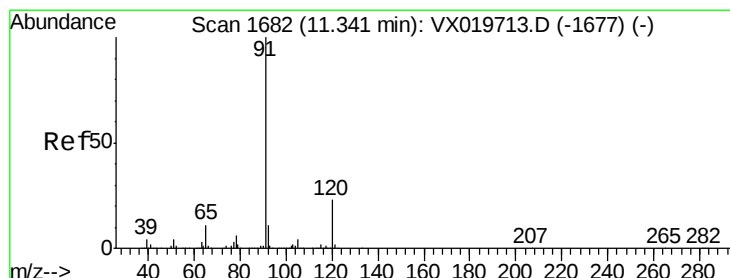
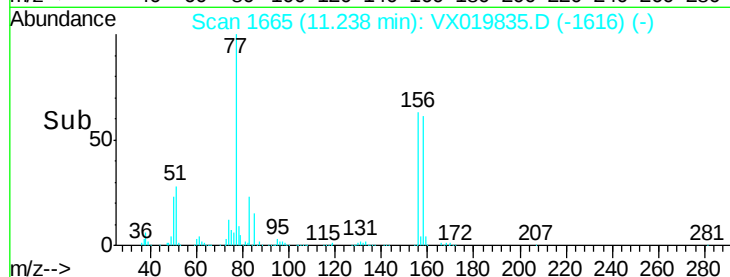
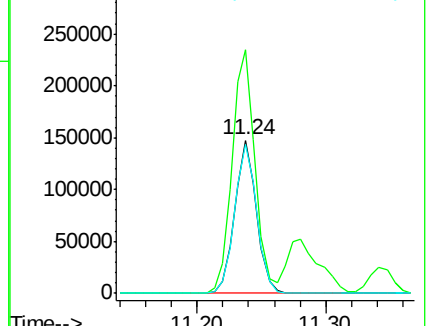
158 99.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019835.D

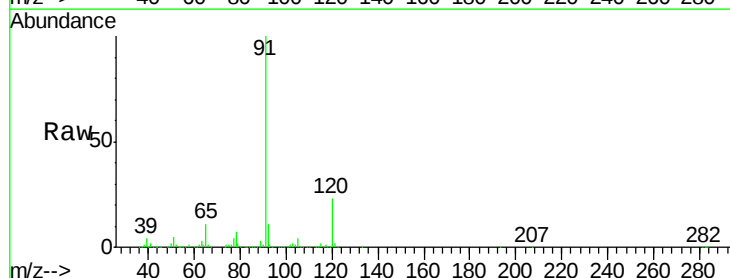
Acq: 10 Dec 2020 19:00

Tgt Ion: 91 Resp: 801767

Ion Ratio Lower Upper

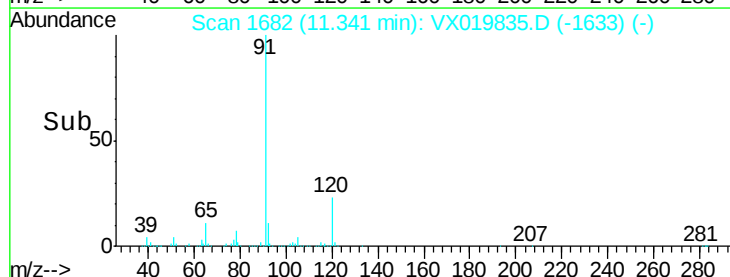
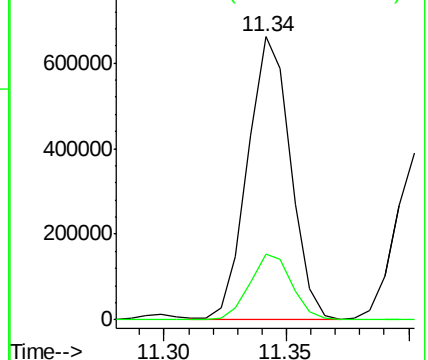
91 100

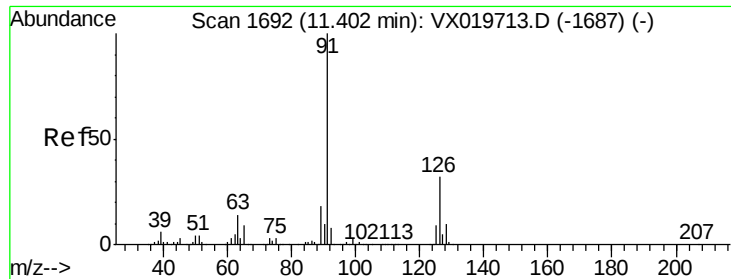
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

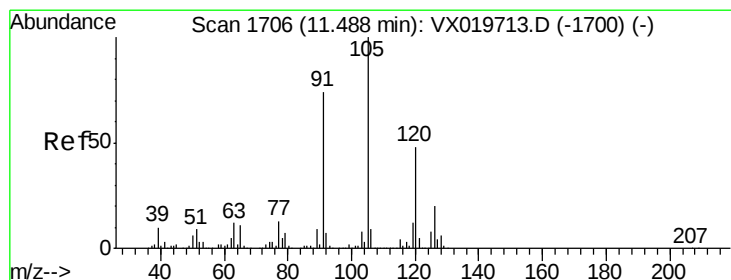
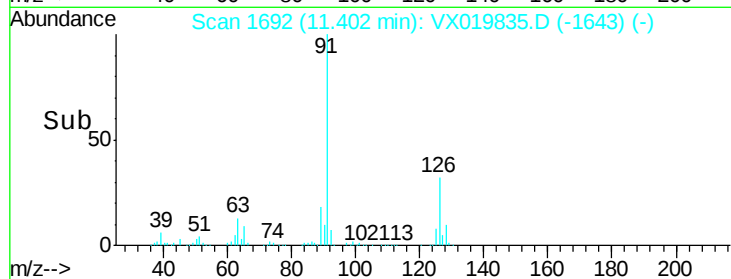
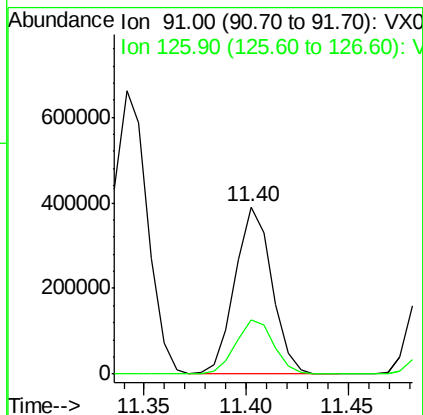
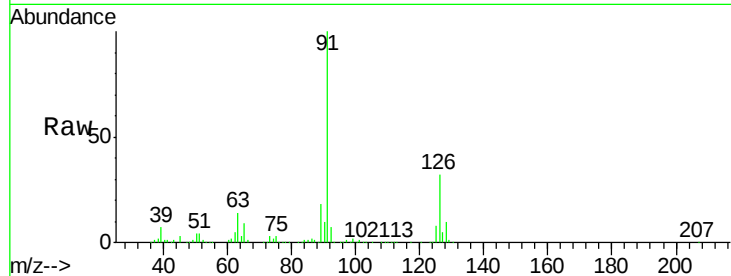




#79
2-Chlorotoluene
Concen: 52.433 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

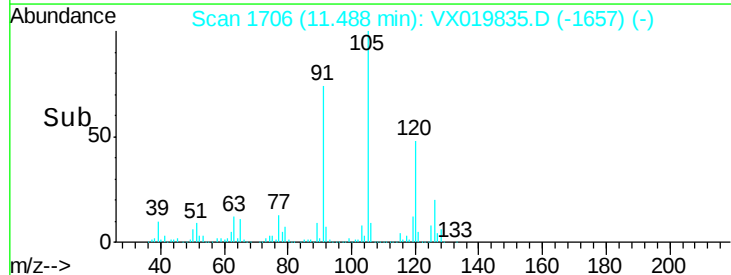
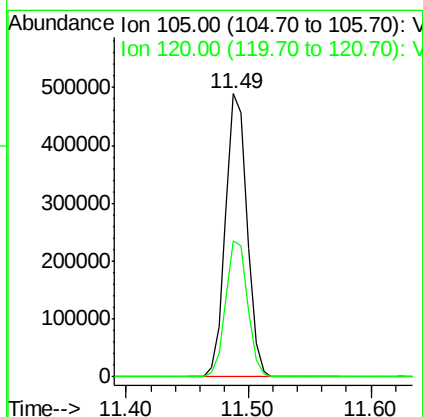
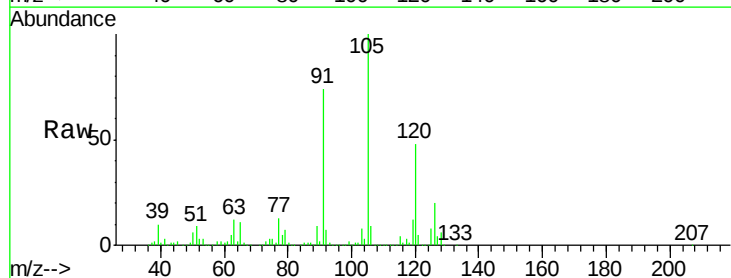
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

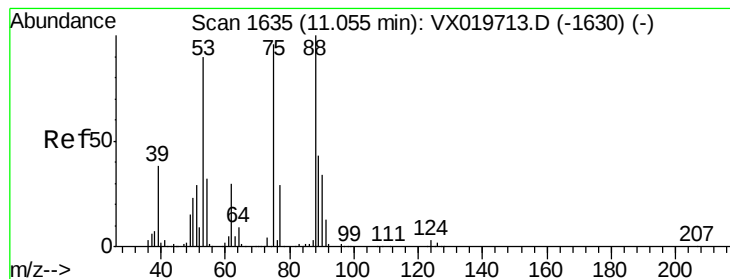
Tgt Ion: 91 Resp: 487430
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 53.271 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 105 Resp: 594223
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.919 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019835.D

Acq: 10 Dec 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20201208MS

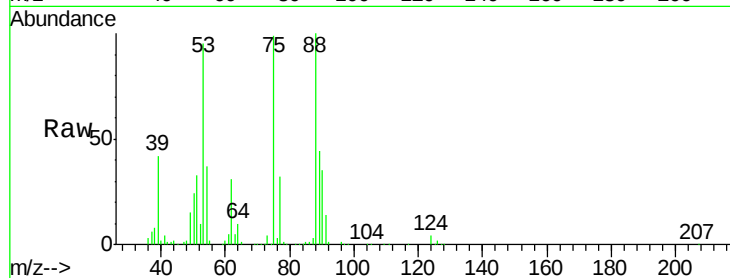
Tgt Ion: 75 Resp: 76427

Ion Ratio Lower Upper

75 100

53 95.2 74.5 111.7

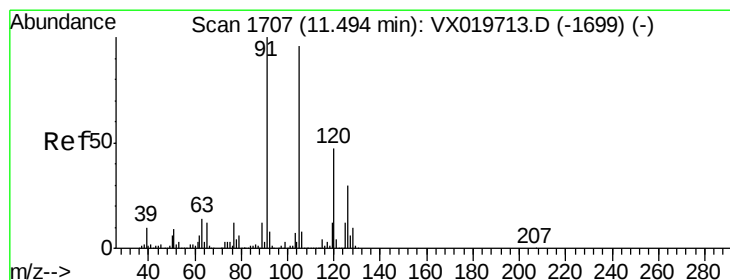
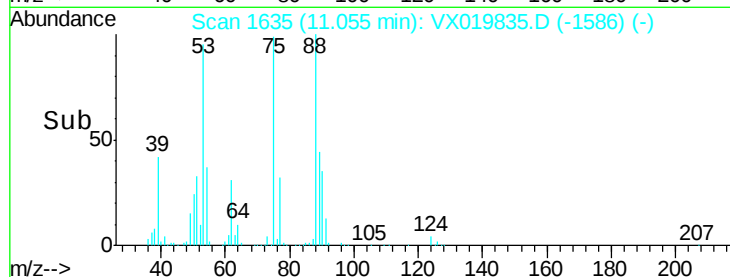
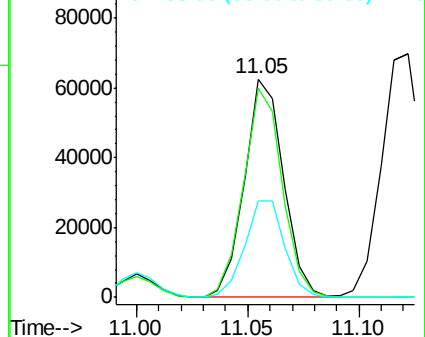
89 45.6 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.235 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019835.D

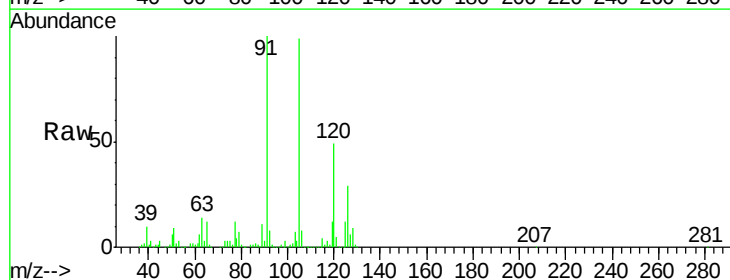
Acq: 10 Dec 2020 19:00

Tgt Ion: 91 Resp: 568710

Ion Ratio Lower Upper

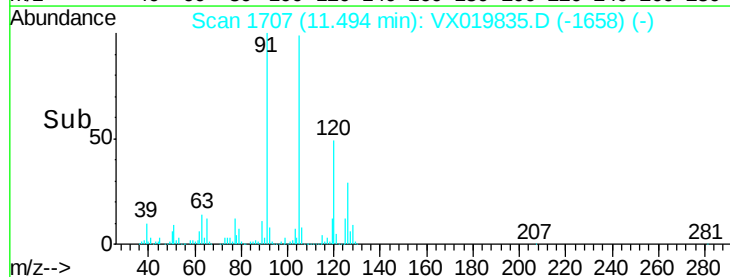
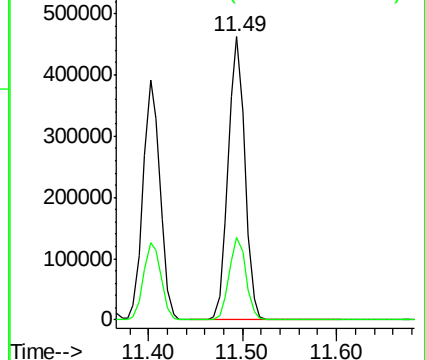
91 100

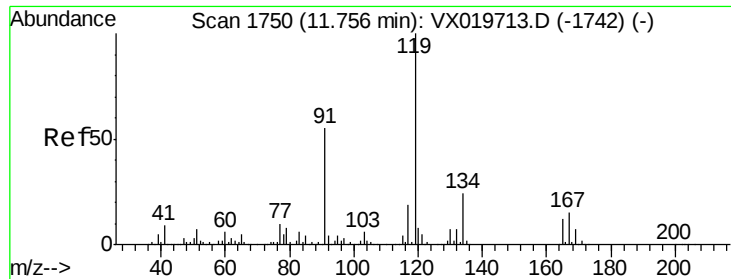
126 29.1 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

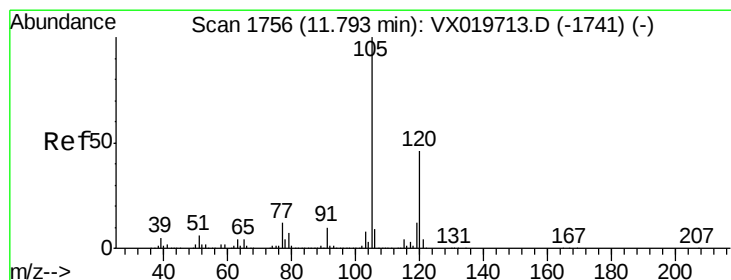
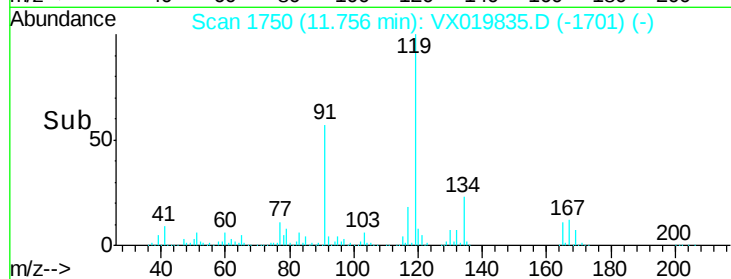
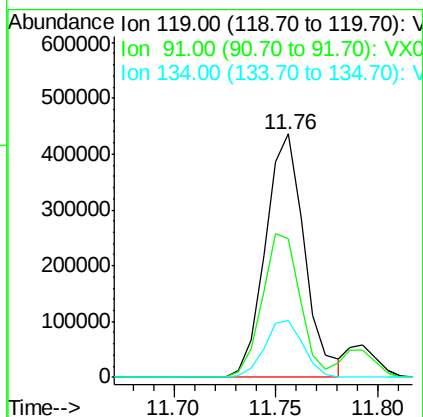
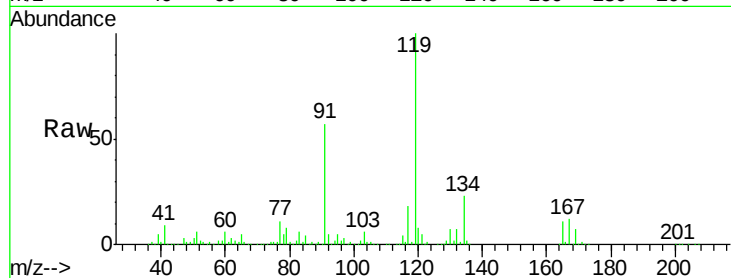




#83
 tert-Butylbenzene
 Concen: 53.214 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

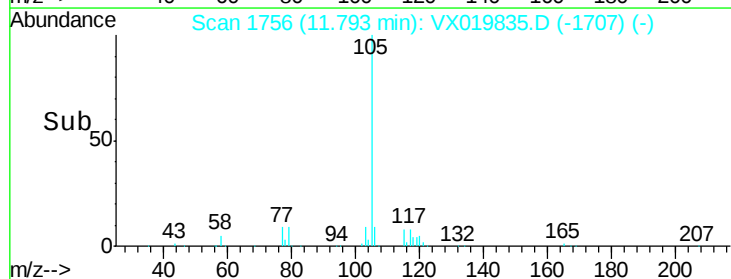
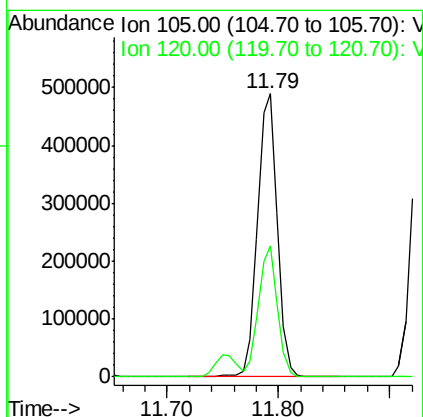
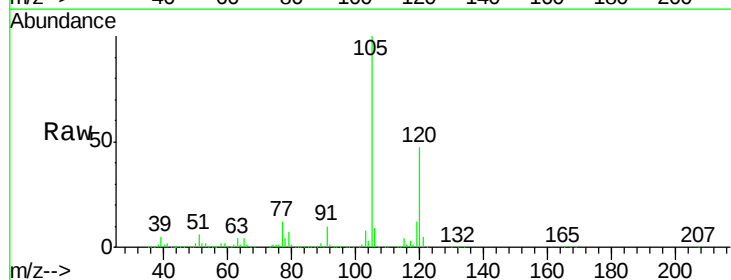
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

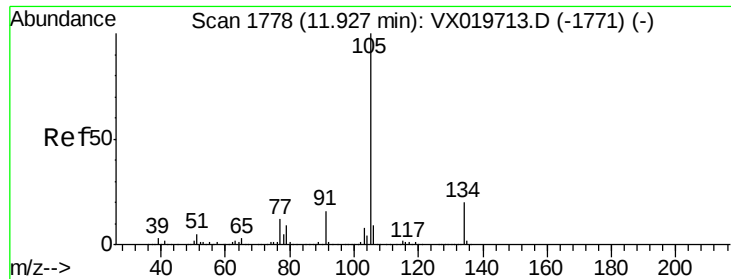
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.2	27.9	83.7
134	23.1	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.099 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3

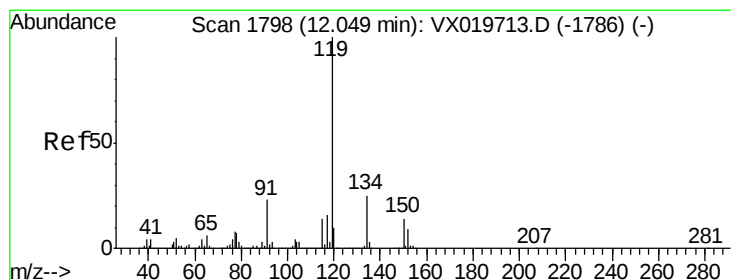
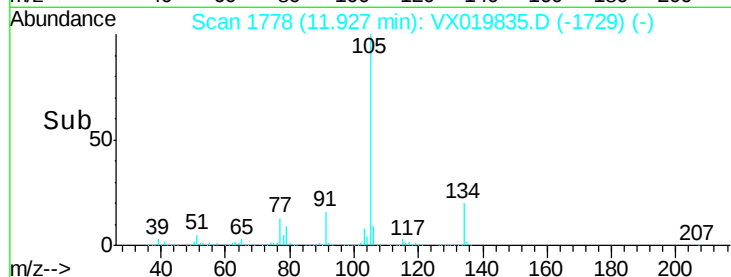
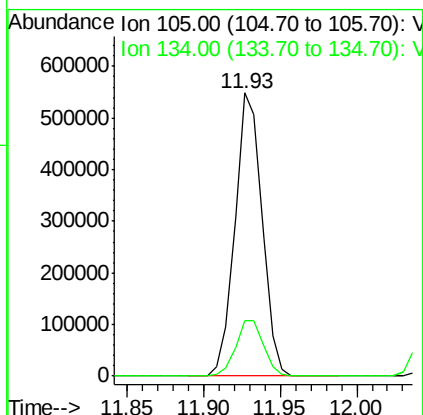
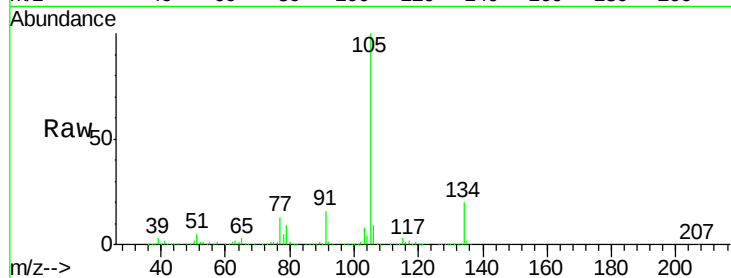




#85
 sec-Butylbenzene
 Concen: 53.818 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

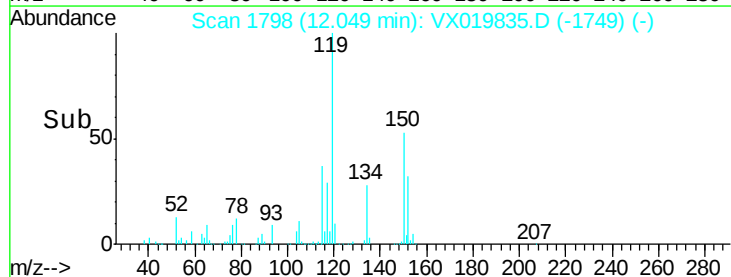
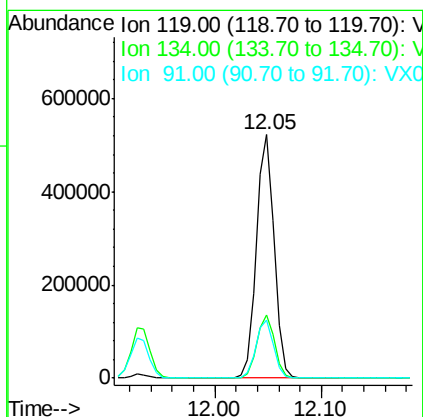
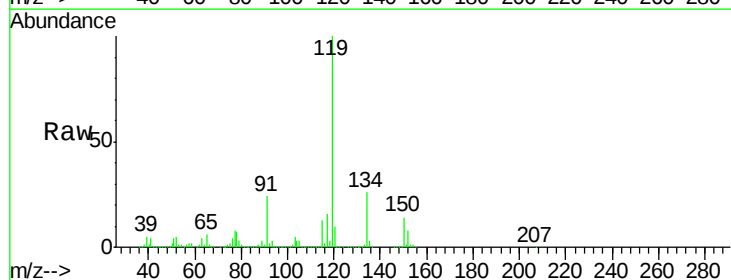
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

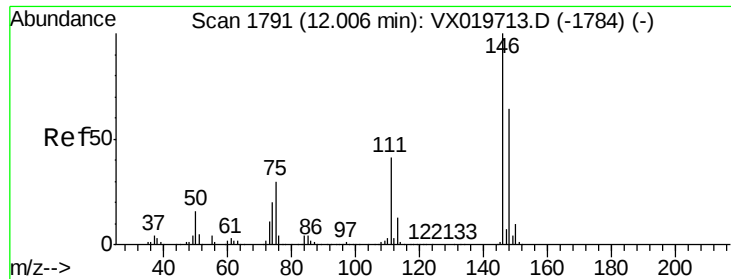
Tgt Ion:105 Resp: 672217
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 53.299 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion:119 Resp: 610131
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.7 11.7 35.0

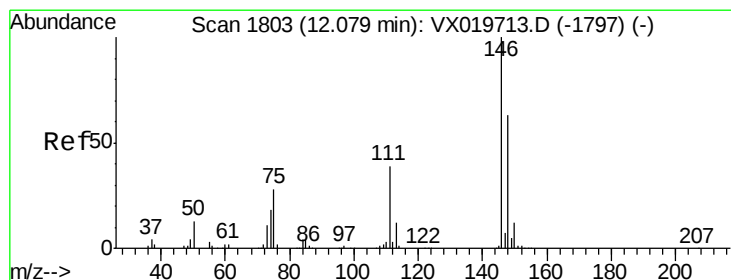
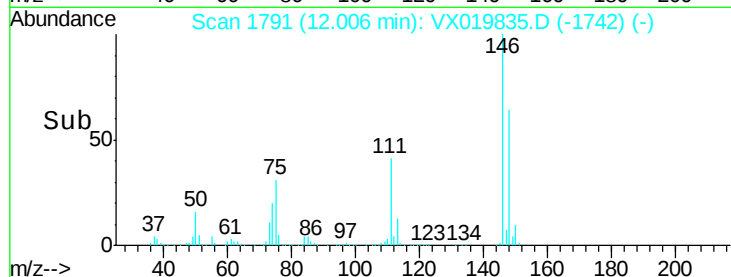
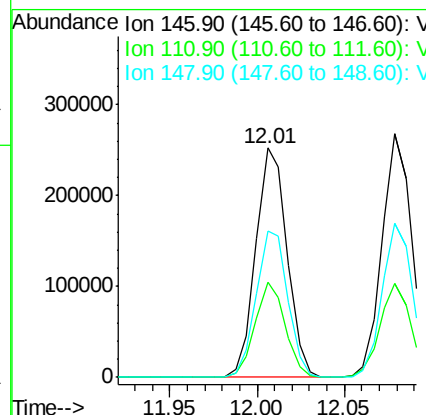
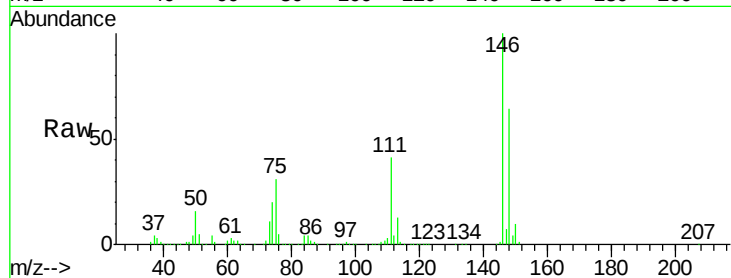




#87
 1,3-Dichlorobenzene
 Concen: 50.661 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

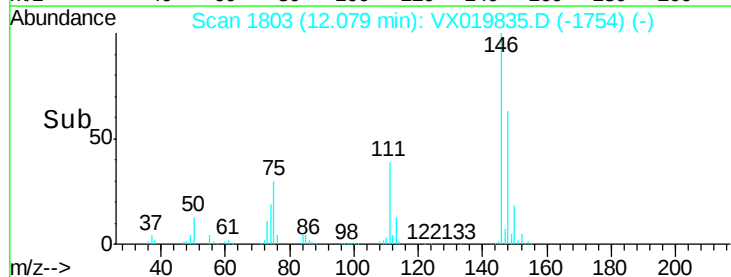
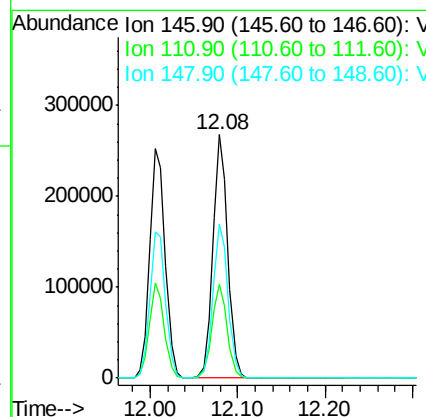
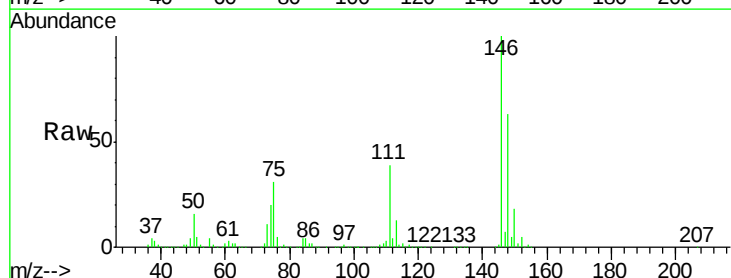
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

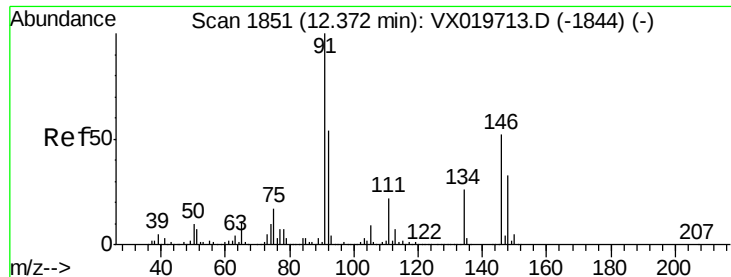
Tgt Ion:146 Resp: 314504
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.5
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.384 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion:146 Resp: 318574
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 64.2 31.6 95.0

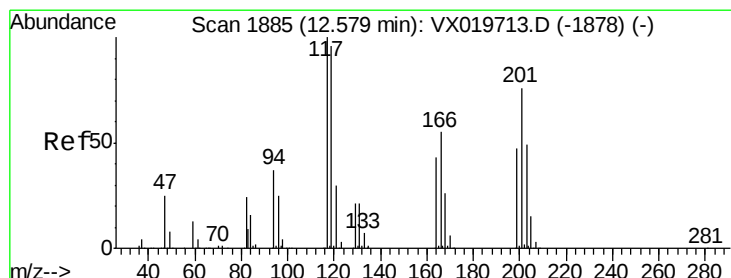
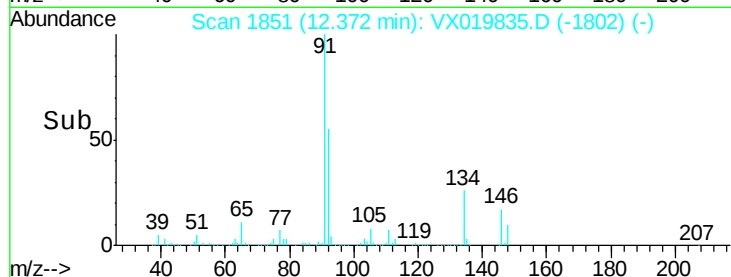
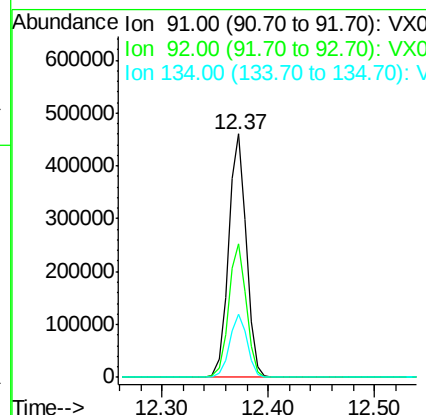
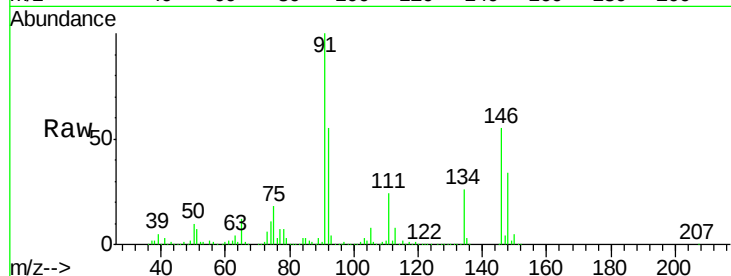




#89
n-Butylbenzene
Concen: 52.368 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

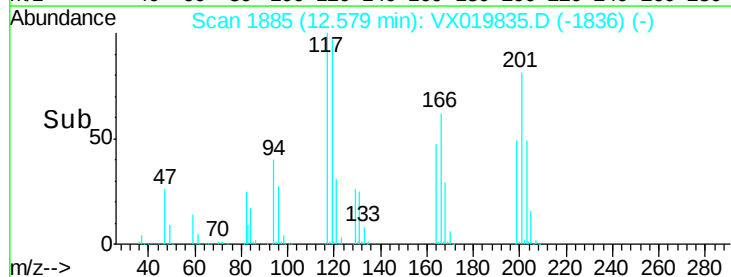
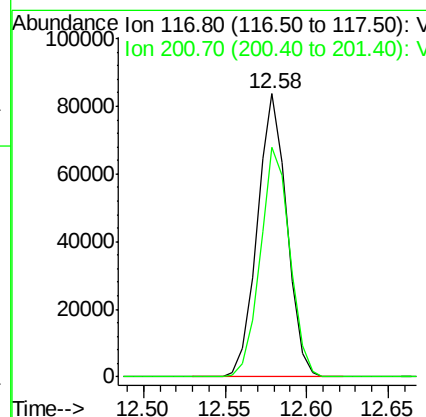
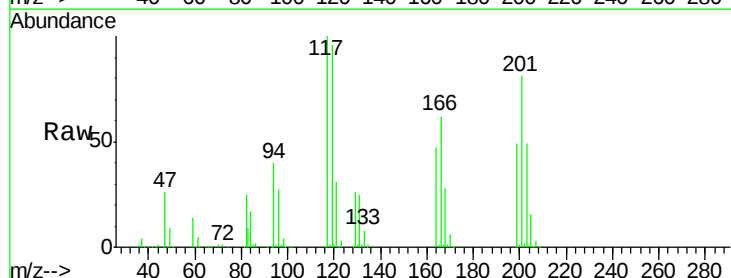
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

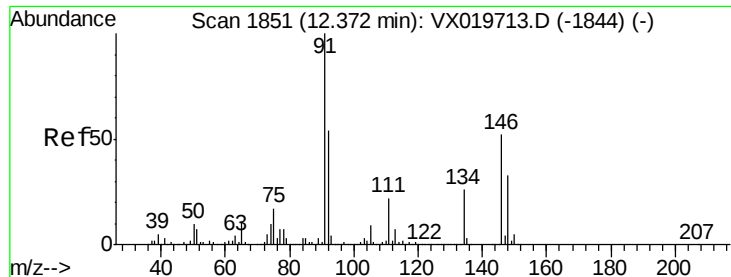
Tgt Ion: 91 Resp: 531109
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 25.8 13.2 39.5



#90
Hexachloroethane
Concen: 53.098 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion: 117 Resp: 104939
Ion Ratio Lower Upper
117 100
201 81.4 40.4 121.2

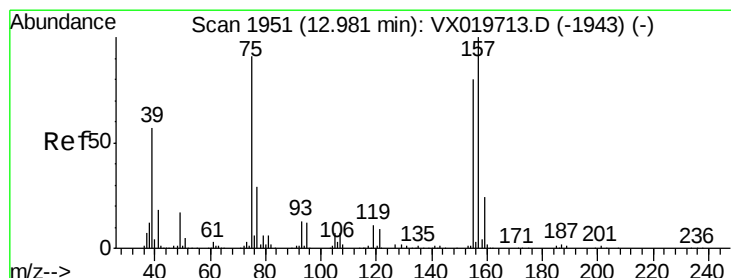
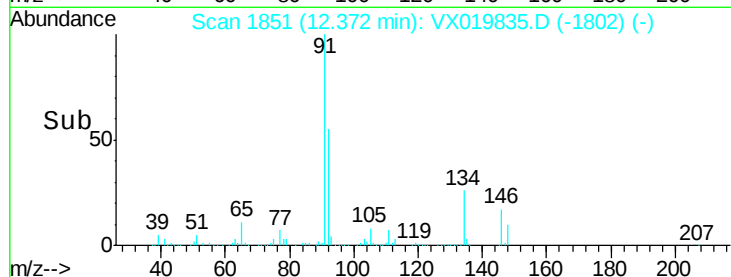
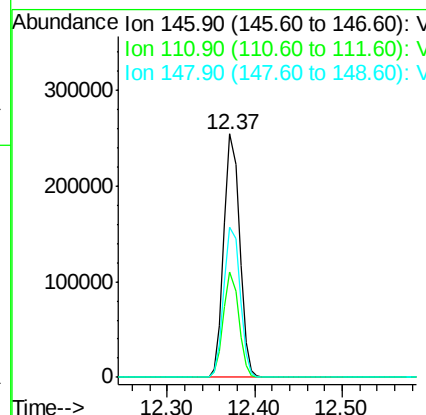
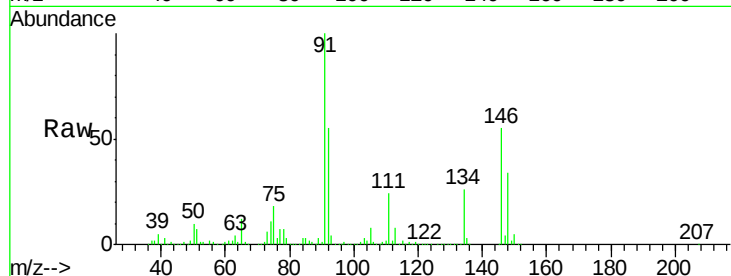




#91
 1,2-Dichlorobenzene
 Concen: 52.485 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

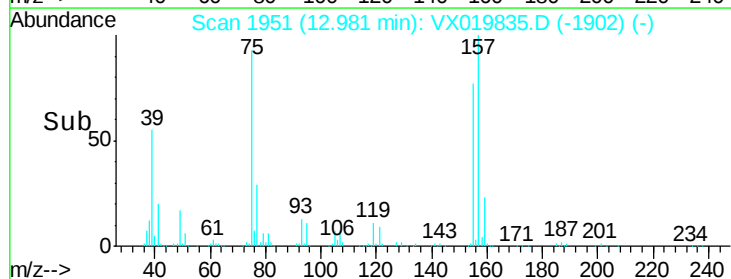
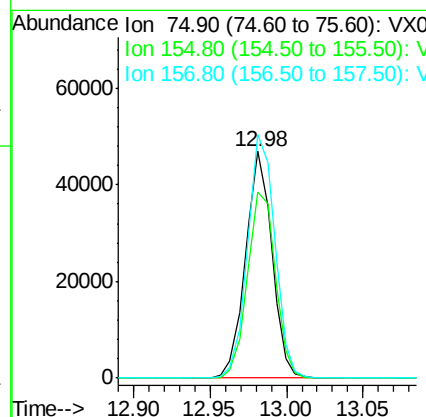
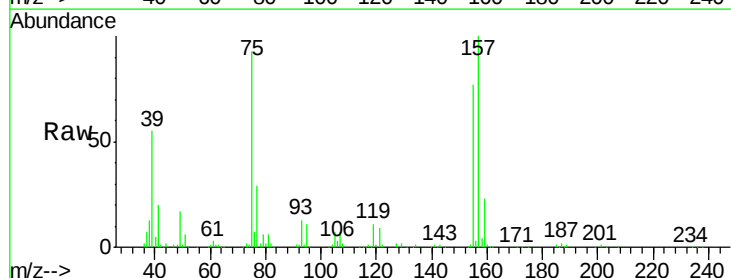
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

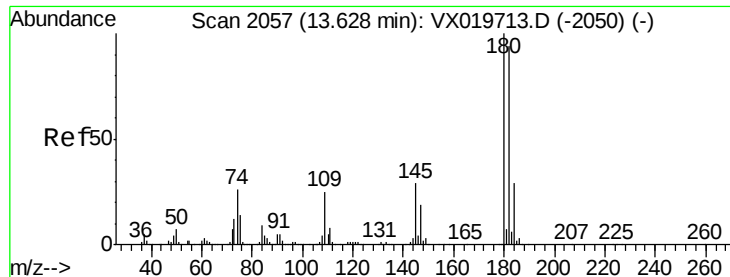
Tgt Ion: 146 Resp: 317622
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.2
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.838 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion: 75 Resp: 55936
 Ion Ratio Lower Upper
 75 100
 155 87.5 45.3 135.9
 157 111.8 57.7 173.1

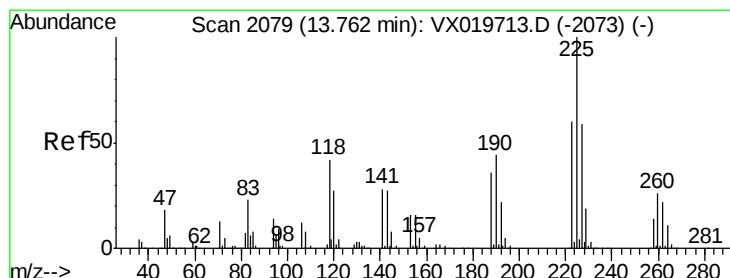
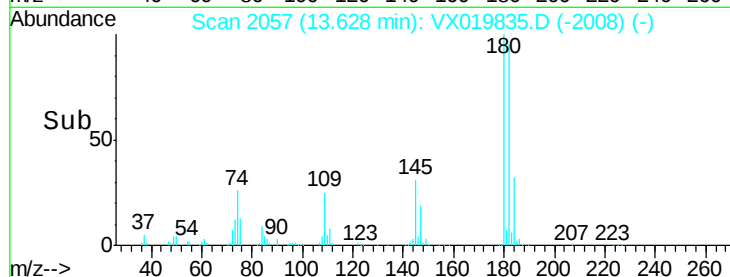
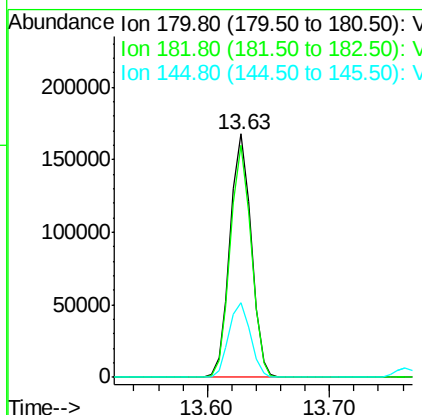
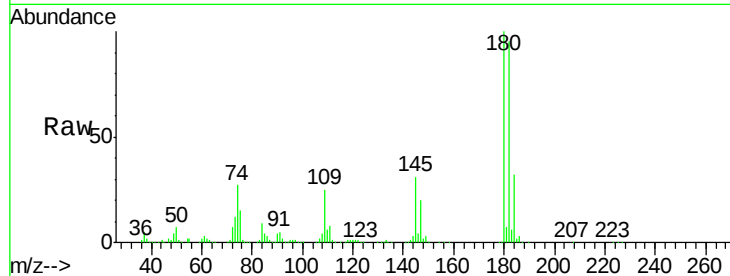




#93
 1,2,4-Trichlorobenzene
 Concen: 50.833 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

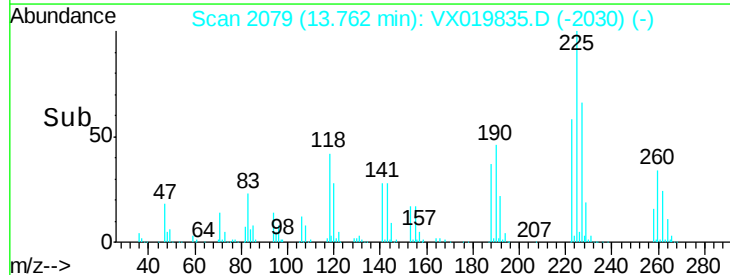
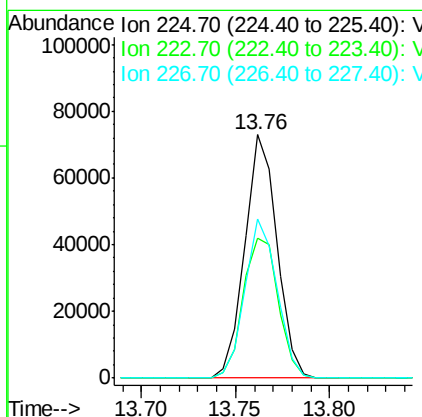
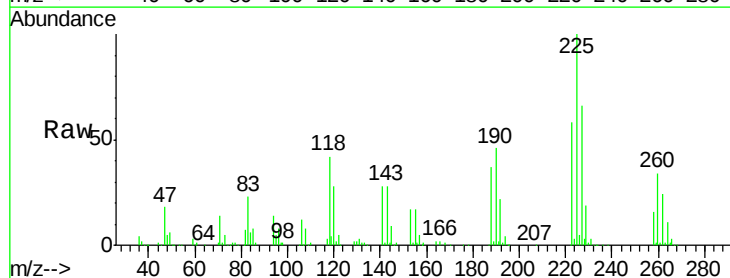
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

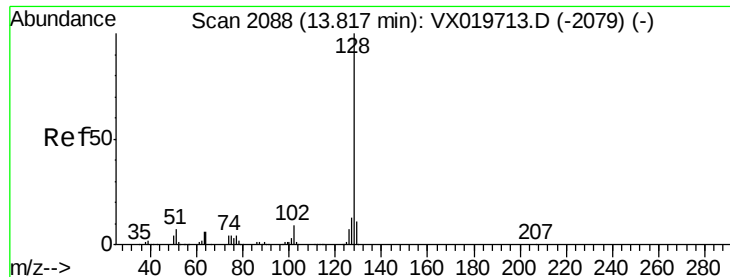
Tgt Ion:180 Resp: 200250
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.7 143.1
 145 31.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 49.216 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019835.D
 Acq: 10 Dec 2020 19:00

Tgt Ion:225 Resp: 86655
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.2
 227 65.4 31.6 95.0

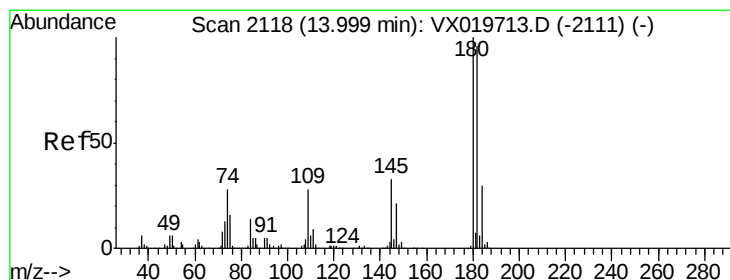
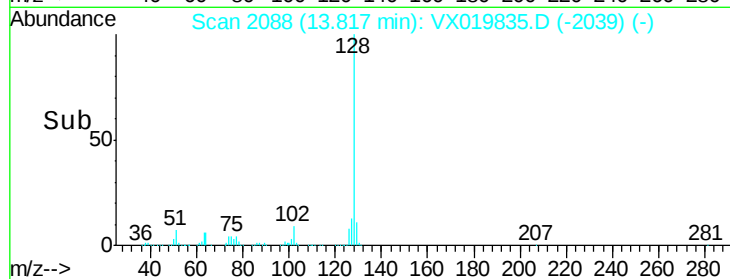
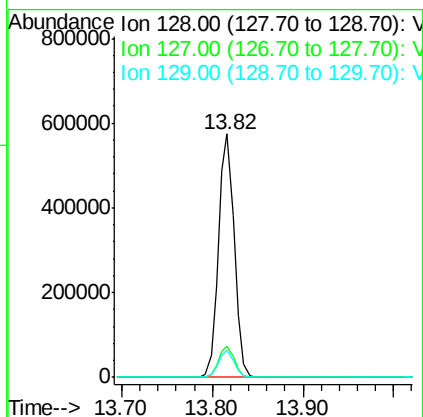
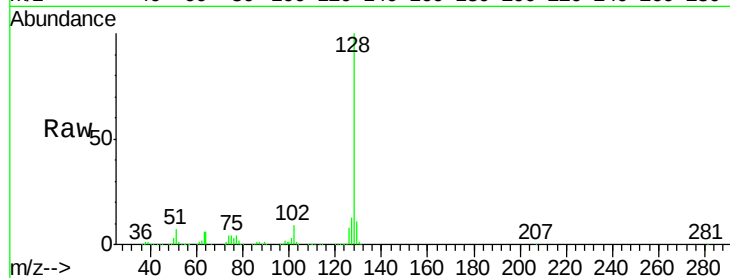




#95
Naphthalene
Concen: 54.639 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208MS

Tgt Ion:128 Resp: 697814
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.461 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019835.D
Acq: 10 Dec 2020 19:00

Tgt Ion:180 Resp: 201968
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 32.7 16.1 48.3

