

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019134.D
 Acq On : 27 Oct 2020 13:03
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 27 13:33:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	374459	105.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.38%	
35) Dibromofluoromethane	5.46	113	307234	102.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.38%	
50) Toluene-d8	8.70	98	1151122	99.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.62%	
62) 4-Bromofluorobenzene	11.12	95	438937	106.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	259268	110.320	ug/l	98
3) Chloromethane	1.31	50	276483	109.254	ug/l	98
4) Vinyl Chloride	1.39	62	331333	104.784	ug/l	100
5) Bromomethane	1.64	94	211647	105.958	ug/l	99
6) Chloroethane	1.71	64	207939	97.544	ug/l	97
7) Trichlorofluoromethane	1.92	101	526354	97.951	ug/l	98
8) Diethyl Ether	2.17	74	201379	95.095	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	293500	107.391	ug/l	99
10) Methyl Iodide	2.49	142	358316	118.666	ug/l	99
11) Tert butyl alcohol	3.02	59	180474	248.698	ug/l	96
12) 1,1-Dichloroethene	2.36	96	296983	107.388	ug/l	97
13) Acrolein	2.28	56	170741	485.009	ug/l	99
14) Allyl chloride	2.71	41	454042	123.482	ug/l	100
15) Acrylonitrile	3.12	53	828813	568.436	ug/l	99
16) Acetone	2.42	43	668541	570.990	ug/l	99
17) Carbon Disulfide	2.55	76	830020	108.321	ug/l	100
18) Methyl Acetate	2.75	43	329226	114.412	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1055321	110.453	ug/l	99
20) Methylene Chloride	2.84	84	333009	100.175	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	336701	103.557	ug/l	99
22) Diisopropyl ether	3.82	45	909208	117.076	ug/l	98
23) Vinyl Acetate	3.79	43	4110672	601.309	ug/l	99
24) 1,1-Dichloroethane	3.67	63	572032	112.729	ug/l	100
25) 2-Butanone	4.64	43	1090300	583.852	ug/l	100
26) 2,2-Dichloropropane	4.55	77	531917	111.418	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	385078	105.280	ug/l	100
28) Bromochloromethane	4.98	49	250434	114.087	ug/l	99
29) Tetrahydrofuran	5.09	42	700176	588.972	ug/l	99
30) Chloroform	5.18	83	606783	107.902	ug/l	99
31) Cyclohexane	5.55	56	497862	110.814	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	559264	111.476	ug/l	99
36) 1,1-Dichloropropene	5.77	75	466577	109.271	ug/l	100
37) Ethyl Acetate	4.79	43	438629	116.442	ug/l	100
38) Carbon Tetrachloride	5.76	117	491638	111.871	ug/l	99

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 VSTDICC100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	573233	109.499	ug/l	99
40) Benzene	6.12	78	1336722	106.800	ug/l	99
41) Methacrylonitrile	5.00	41	233524	120.110	ug/l	99
42) 1,2-Dichloroethane	6.16	62	485614	113.515	ug/l	100
43) Isopropyl Acetate	6.41	43	735529	119.345	ug/l	100
44) Trichloroethene	7.19	130	380580	106.189	ug/l	99
45) 1,2-Dichloropropane	7.49	63	332161	112.843	ug/l	98
46) Dibromomethane	7.64	93	240751	108.560	ug/l	99
47) Bromodichloromethane	7.88	83	490713	113.144	ug/l	99
48) Methyl methacrylate	7.74	41	357849	123.131	ug/l	99
49) 1,4-Dioxane	7.73	88	159060	2121.349	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2115398	587.564	ug/l	99
52) Toluene	8.77	92	865942	106.958	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	558543	116.516	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	588393	115.255	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	341000	105.787	ug/l	99
56) Ethyl methacrylate	9.16	69	535396	115.049	ug/l	100
57) 1,3-Dichloropropane	9.35	76	568572	107.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1396929	554.160	ug/l	100
59) 2-Hexanone	9.48	43	1593124	581.694	ug/l	99
60) Dibromochloromethane	9.57	129	389179	113.265	ug/l	100
61) 1,2-Dibromoethane	9.65	107	366012	107.009	ug/l	99
64) Tetrachloroethene	9.32	164	328781	99.405	ug/l	98
65) Chlorobenzene	10.12	112	915824	105.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	343515	110.838	ug/l	99
67) Ethyl Benzene	10.24	91	1654543	109.100	ug/l	98
68) m/p-Xylenes	10.34	106	1261334	216.418	ug/l	100
69) o-Xylene	10.68	106	604585	108.243	ug/l	97
70) Styrene	10.70	104	1032973	111.001	ug/l	100
71) Bromoform	10.84	173	287512	117.789	ug/l	# 100
73) Isopropylbenzene	11.00	105	1620737	111.298	ug/l	100
74) N-amyl acetate	10.88	43	606774	128.507	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	506128	111.279	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	609399	150.517	ug/l	86
77) Bromobenzene	11.24	156	396147	108.632	ug/l	98
78) n-propylbenzene	11.34	91	1847610	113.063	ug/l	100
79) 2-Chlorotoluene	11.40	91	1075983	111.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1367789	113.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	185229	120.917	ug/l	98
82) 4-Chlorotoluene	11.49	91	1304265	114.643	ug/l	100
83) tert-Butylbenzene	11.76	119	1336504	113.847	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1377760	113.376	ug/l	99
85) sec-Butylbenzene	11.93	105	1596244	113.267	ug/l	100
86) p-Isopropyltoluene	12.05	119	1463208	112.155	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	732630	108.564	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	742811	105.634	ug/l	98
89) n-Butylbenzene	12.37	91	1380794	116.101	ug/l	100
90) Hexachloroethane	12.58	117	267355	122.493	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	696942	105.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128566	127.999	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

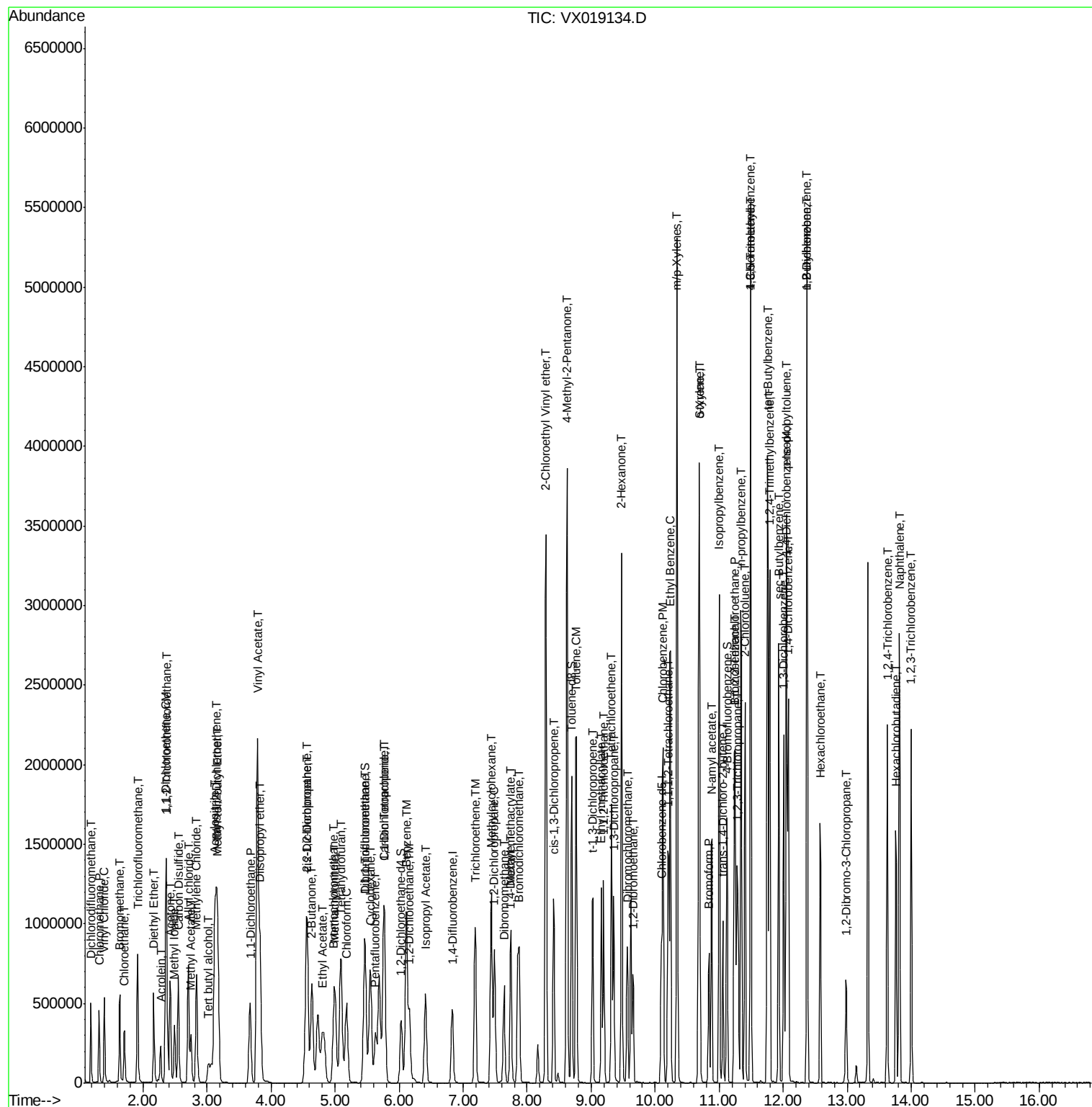
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	525478	114.071	ug/l	99
94) Hexachlorobutadiene	13.76	225	221484	108.219	ug/l	97
95) Naphthalene	13.82	128	1723820	118.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	511177	113.106	ug/l	100

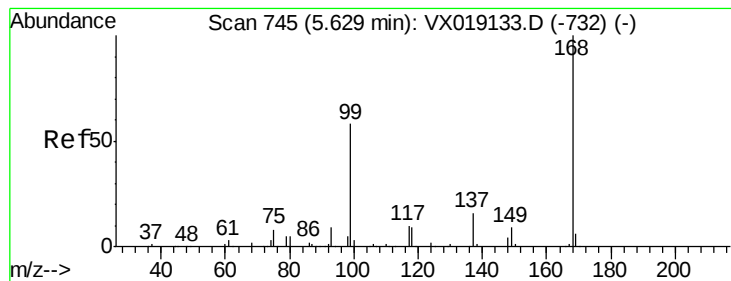
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019134.D
Acq On : 27 Oct 2020 13:03
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VSTDIC100

Quant Time: Oct 27 13:33:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

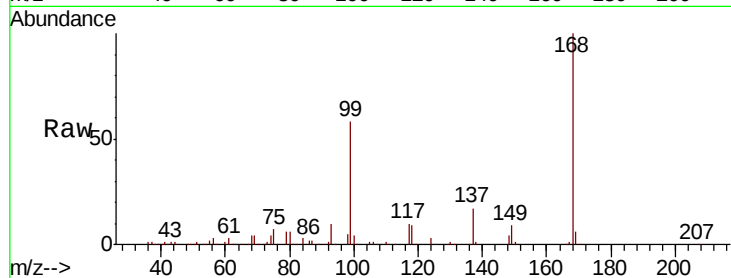
VSTDICC100

Tot Ion:168 Resp: 295920

Ion Ratio Lower Upper

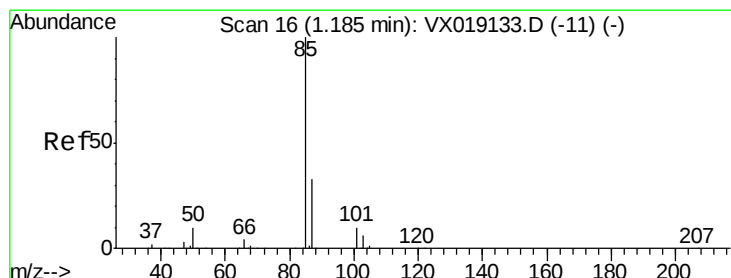
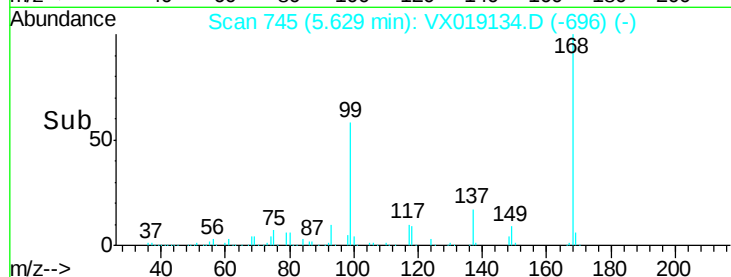
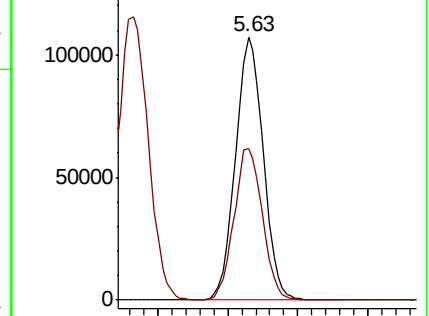
168 100

99 57.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 110.320 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019134.D

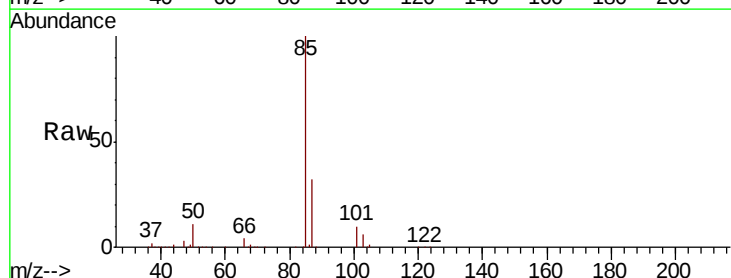
Acq: 27 Oct 2020 13:03

Tgt Ion: 85 Resp: 259268

Ion Ratio Lower Upper

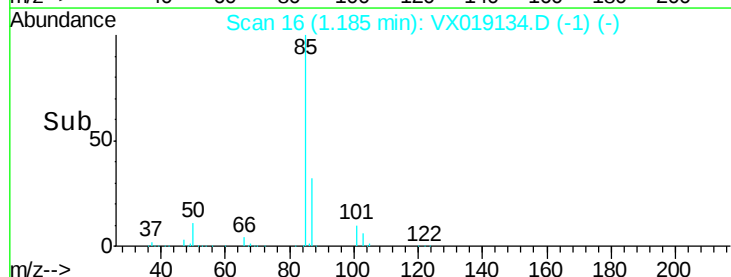
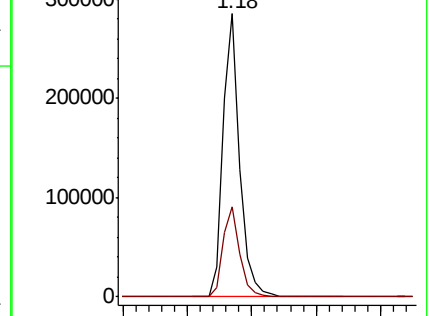
85 100

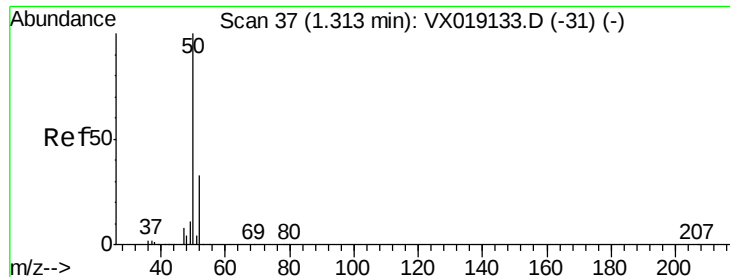
87 31.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 109.254 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

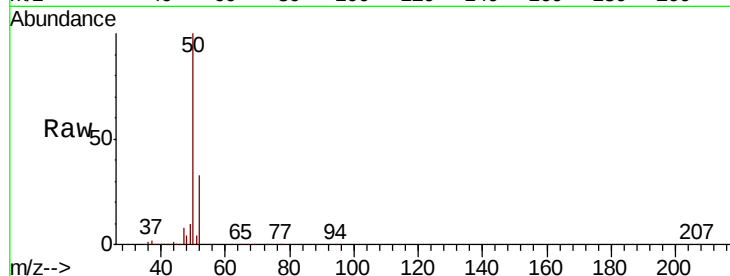
VSTDIC100

Tot Ion: 50 Resp: 276483

Ion Ratio Lower Upper

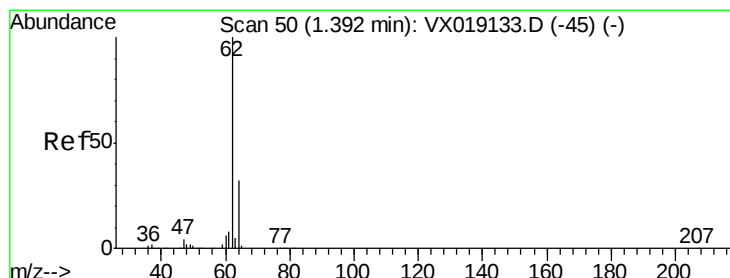
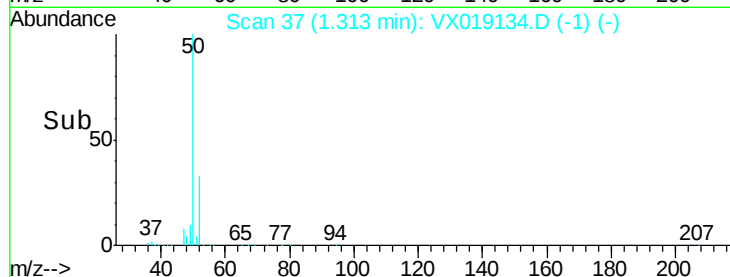
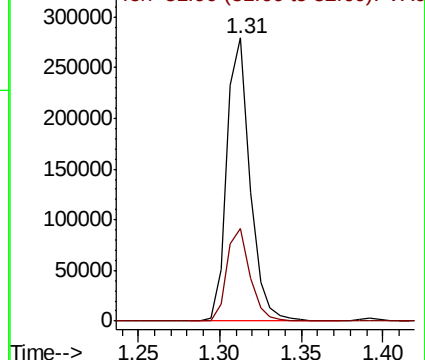
50 100

52 32.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 104.784 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019134.D

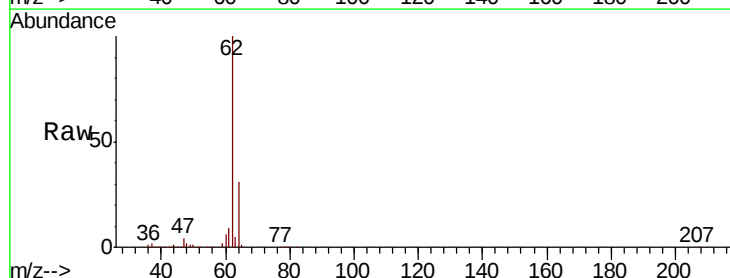
Acq: 27 Oct 2020 13:03

Tgt Ion: 62 Resp: 331333

Ion Ratio Lower Upper

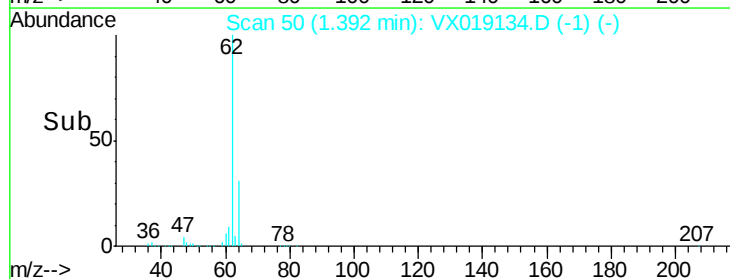
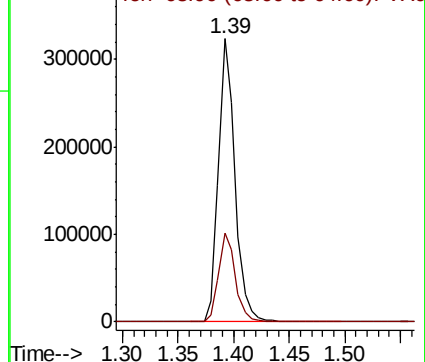
62 100

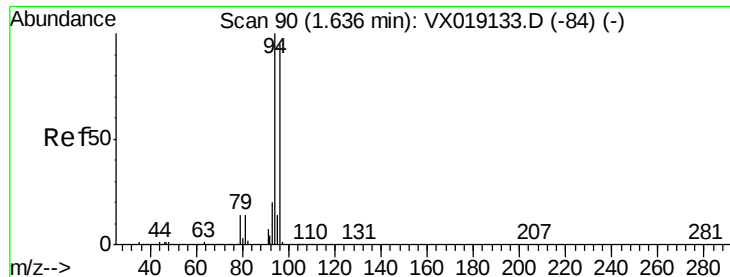
64 31.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 105.958 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

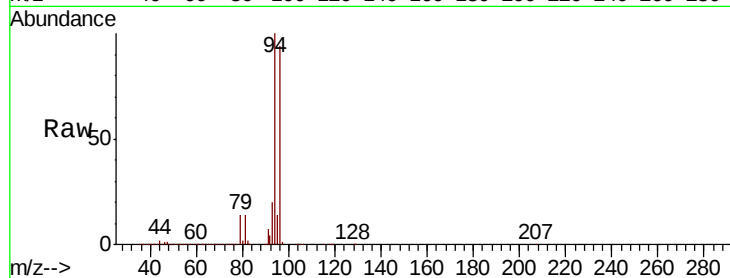
VSTDIC100

Tot Ion: 94 Resp: 211647

Ion Ratio Lower Upper

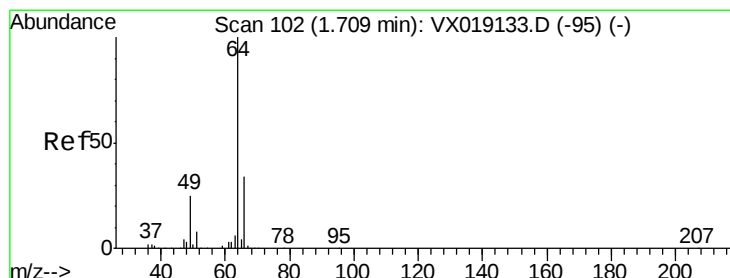
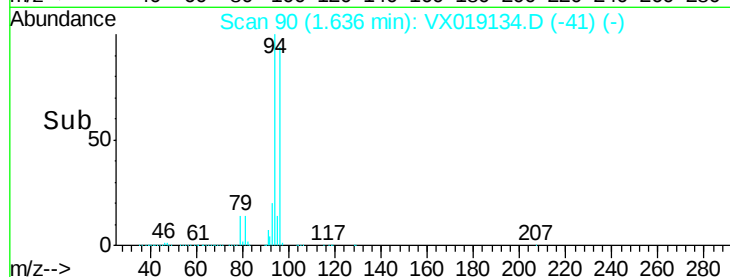
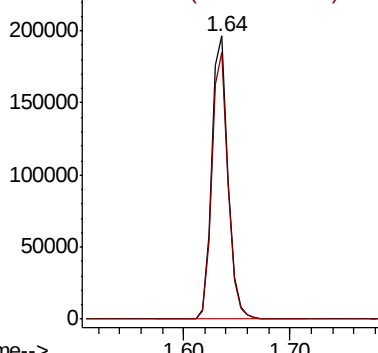
94 100

96 94.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 97.544 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019134.D

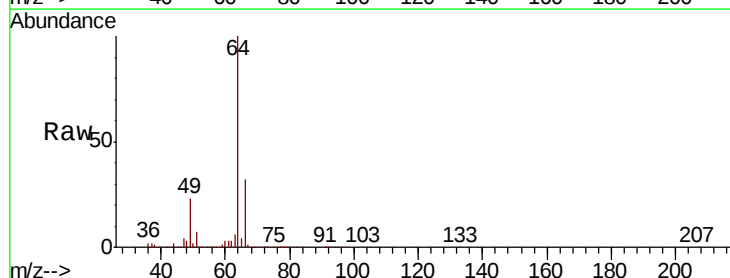
Acq: 27 Oct 2020 13:03

Tgt Ion: 64 Resp: 207939

Ion Ratio Lower Upper

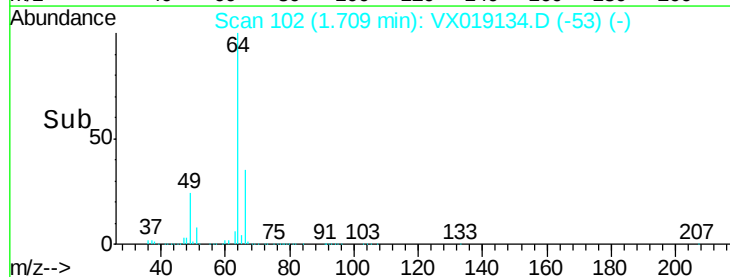
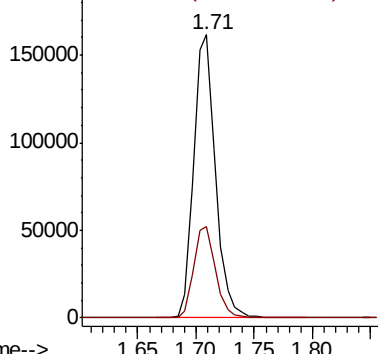
64 100

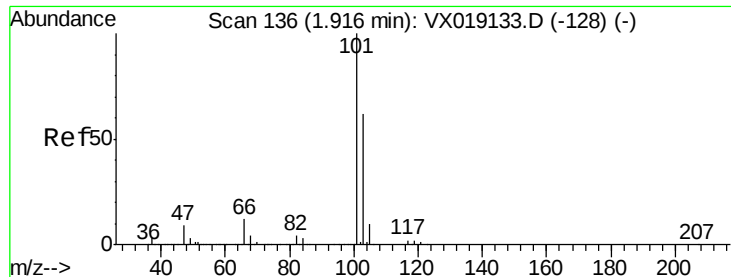
66 32.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 97.951 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

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ClientSampleId :

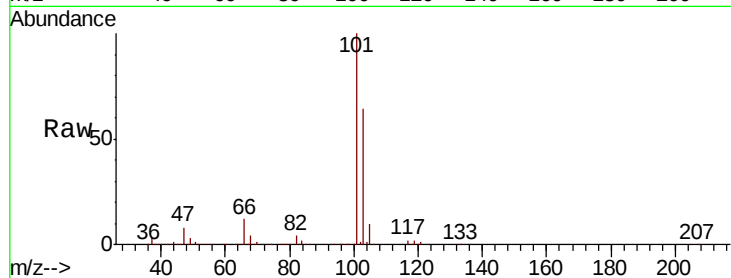
VSTDIC100

Tot Ion:101 Resp: 526354

Ion Ratio Lower Upper

101 100

103 64.2 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

400000

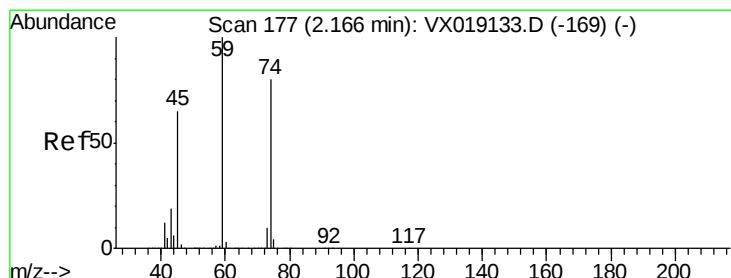
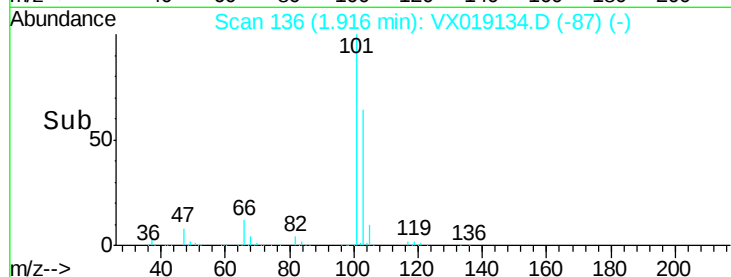
300000

200000

100000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 95.095 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019134.D

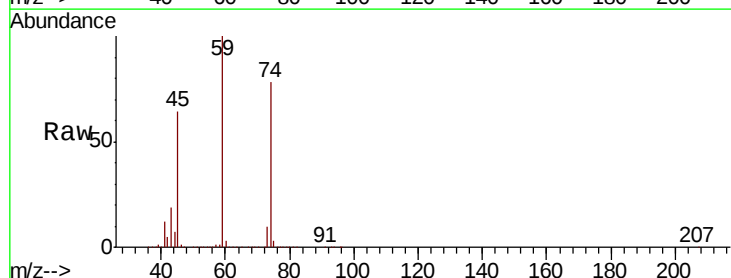
Acq: 27 Oct 2020 13:03

Tgt Ion: 74 Resp: 201379

Ion Ratio Lower Upper

74 100

45 81.7 41.0 123.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

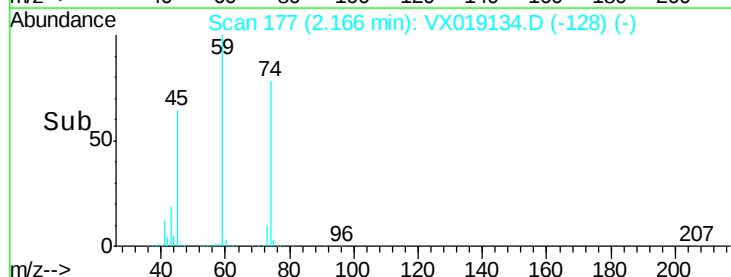
150000

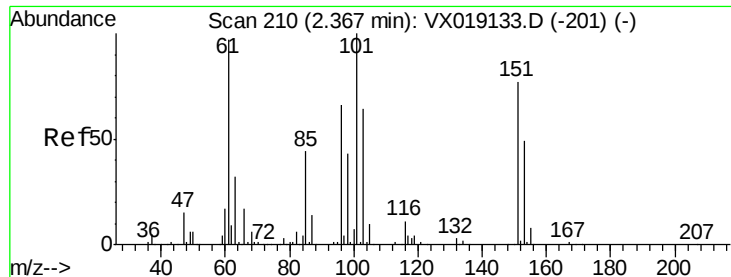
100000

50000

0

Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 107.391 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

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ClientSampleId :

VSTDIC100

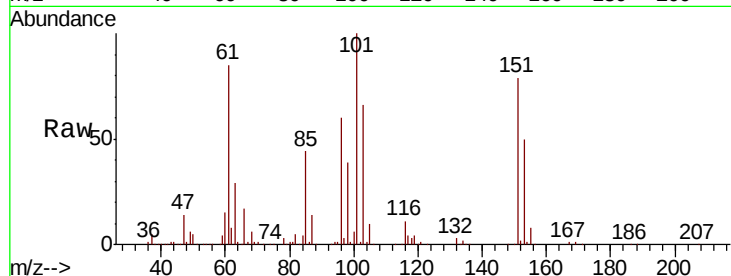
Tot Ion:101 Resp: 293500

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

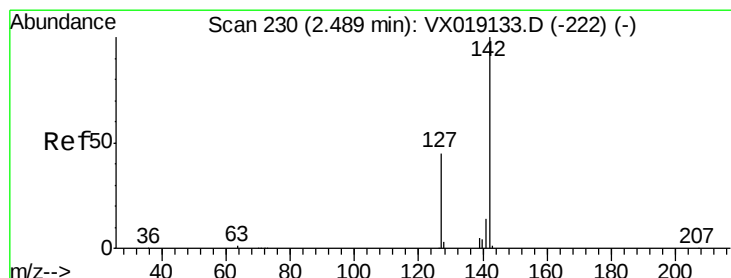
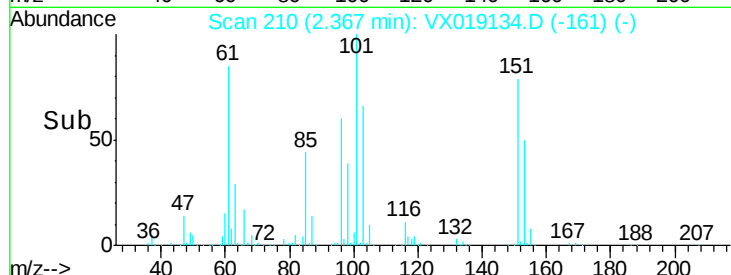
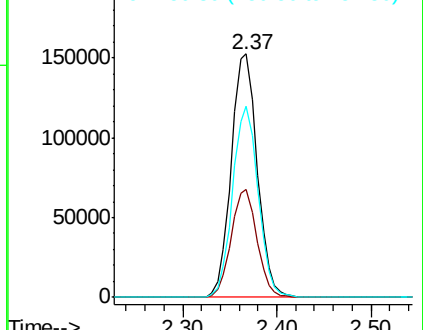
151 77.4 61.4 92.2



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: 118.666 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

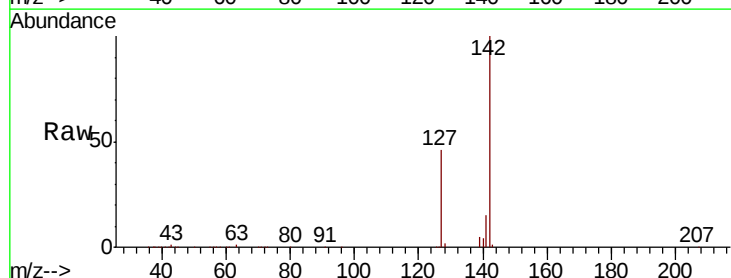
Tgt Ion:142 Resp: 358316

Ion Ratio Lower Upper

142 100

127 44.6 36.1 54.1

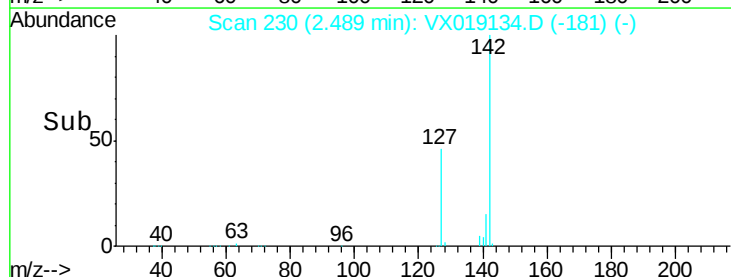
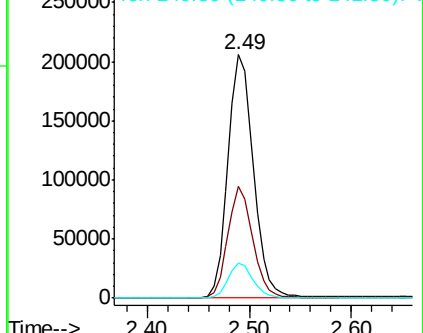
141 14.2 11.3 16.9

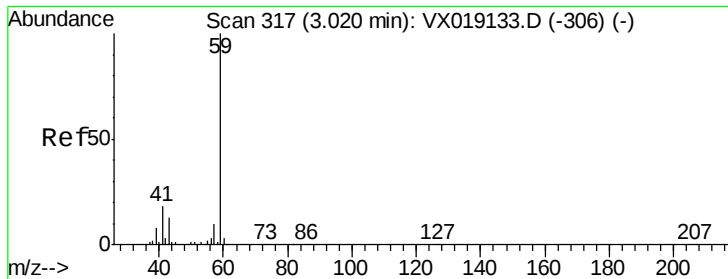


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

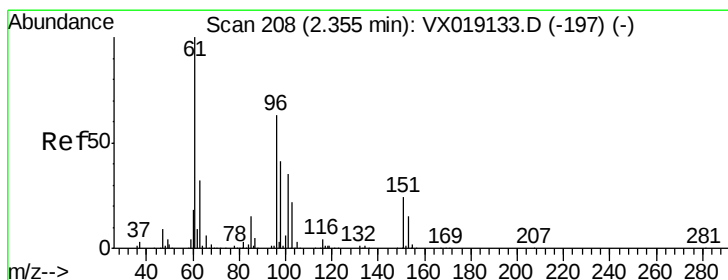
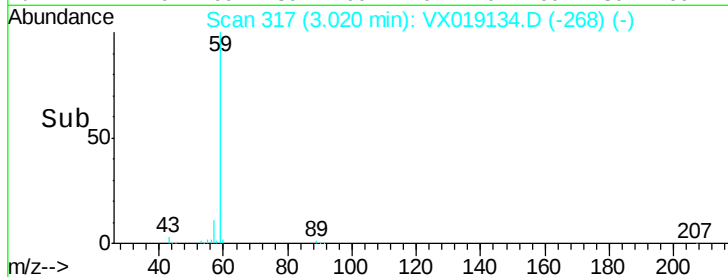
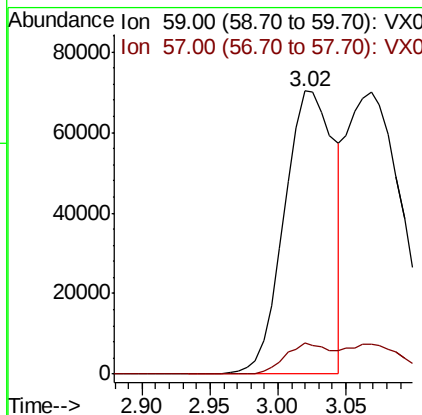
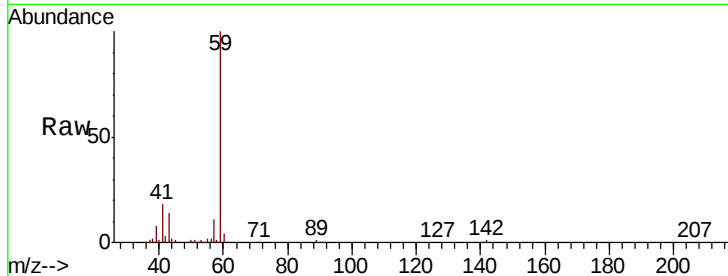




#11
Tert butyl alcohol
Concen: 248.698 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

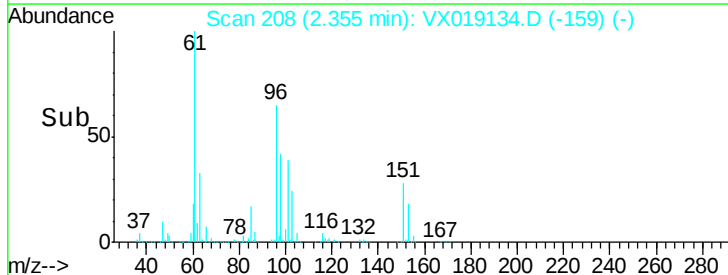
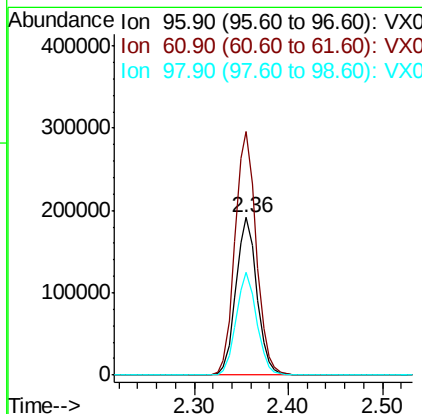
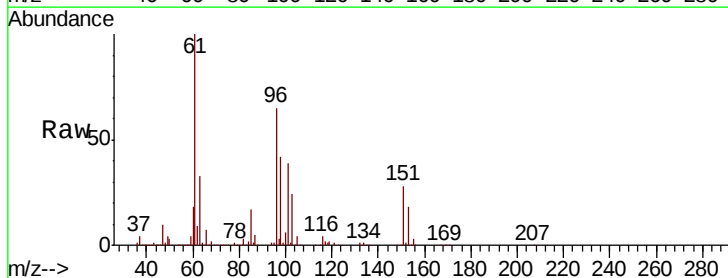
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

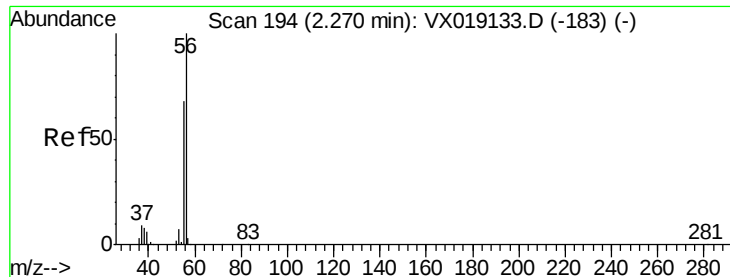
Tot Ion: 59 Resp: 180474
Ion Ratio Lower Upper
59 100
57 9.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 107.388 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 96 Resp: 296983
Ion Ratio Lower Upper
96 100
61 154.3 127.7 191.5
98 64.9 52.1 78.1





#13

Acrolein

Concen: 485.009 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

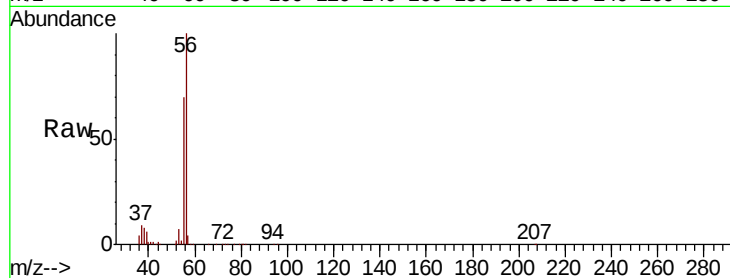
VSTDIC100

Tot Ion: 56 Resp: 170741

Ion Ratio Lower Upper

56 100

55 69.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

120000

100000

80000

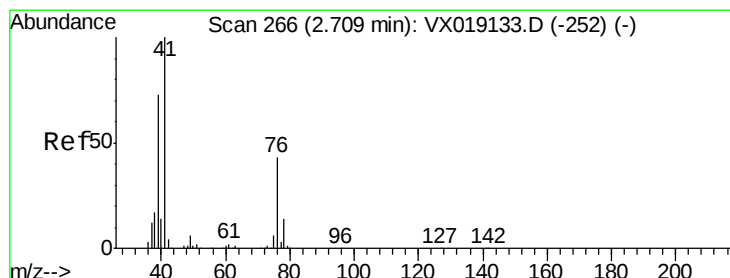
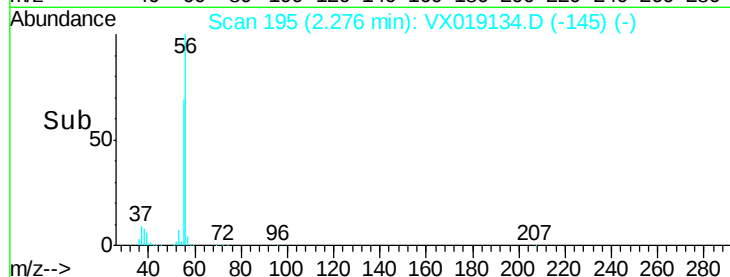
60000

40000

20000

0

Time--> 2.10 2.20 2.30 2.40



#14

Allyl chloride

Concen: 123.482 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

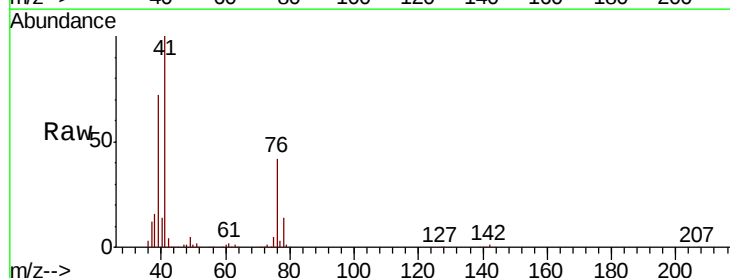
Tgt Ion: 41 Resp: 454042

Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 39.8 31.5 47.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

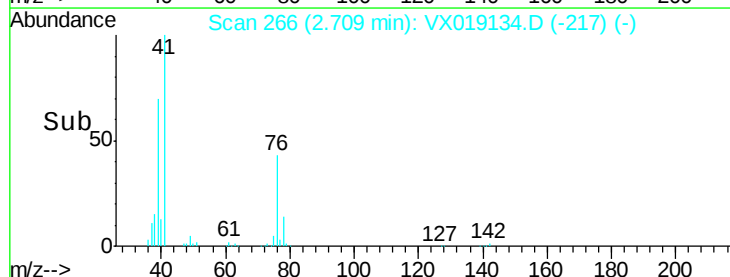
300000

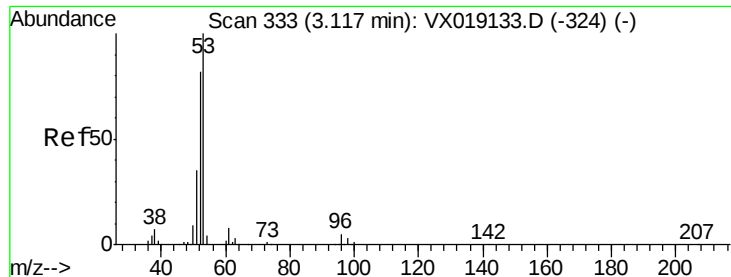
200000

100000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 568.436 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

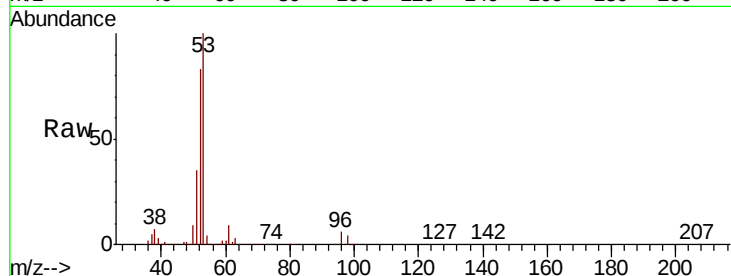
Tot Ion: 53 Resp: 828813

Ion Ratio Lower Upper

53 100

52 82.8 65.7 98.5

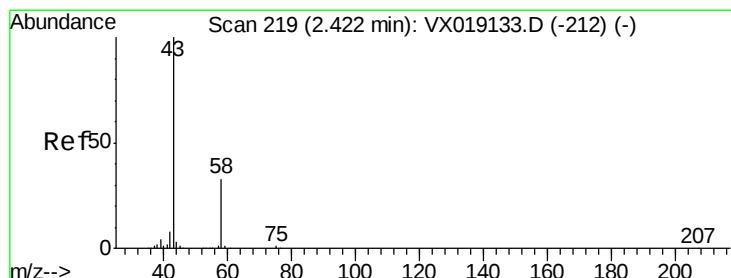
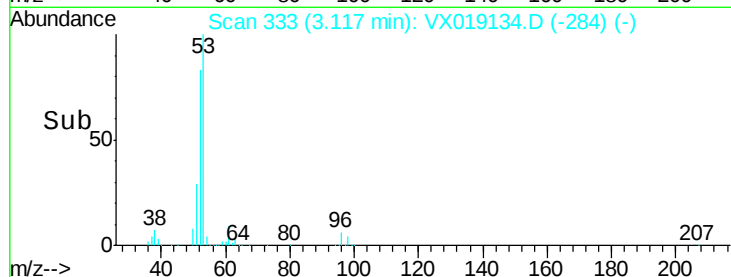
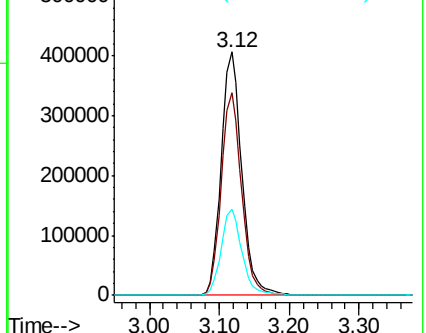
51 36.0 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 570.990 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019134.D

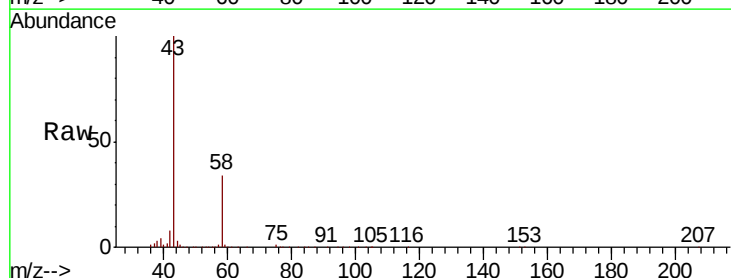
Acq: 27 Oct 2020 13:03

Tgt Ion: 43 Resp: 668541

Ion Ratio Lower Upper

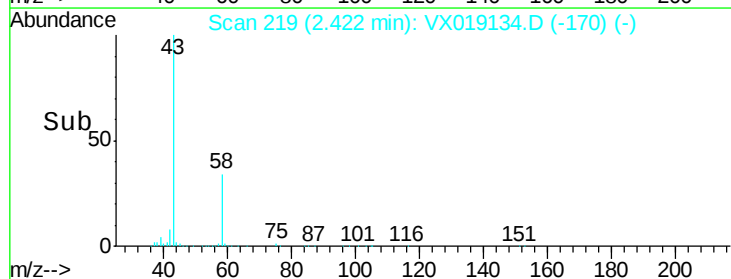
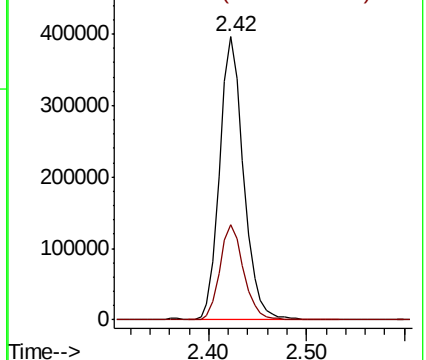
43 100

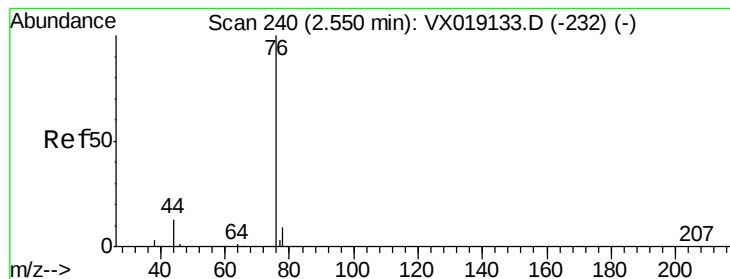
58 33.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 108.321 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

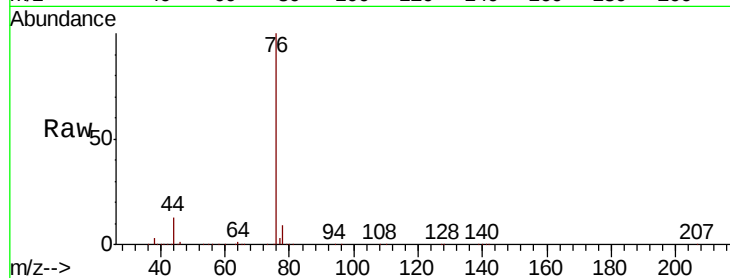
VSTDIC100

Tot Ion: 76 Resp: 830020

Ion Ratio Lower Upper

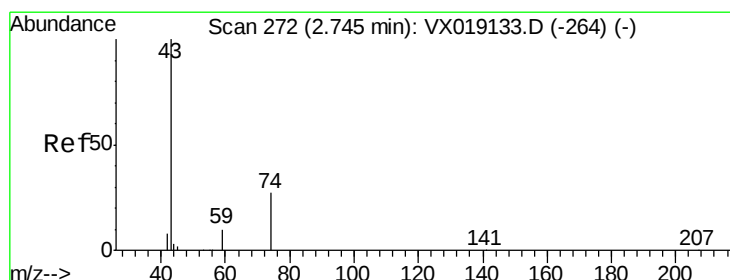
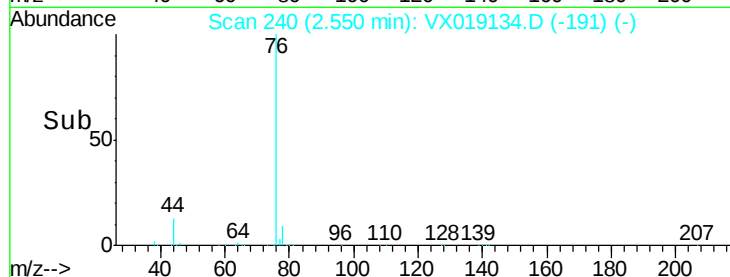
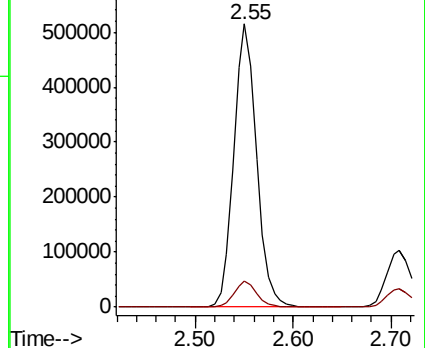
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 114.412 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019134.D

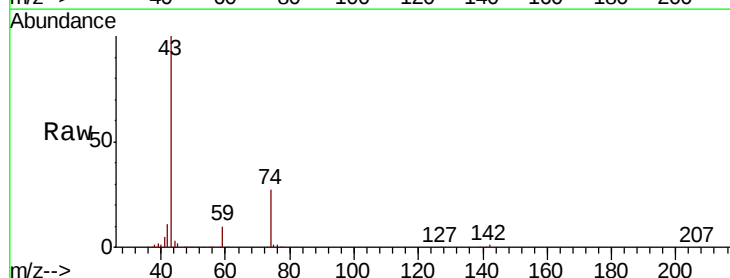
Acq: 27 Oct 2020 13:03

Tgt Ion: 43 Resp: 329226

Ion Ratio Lower Upper

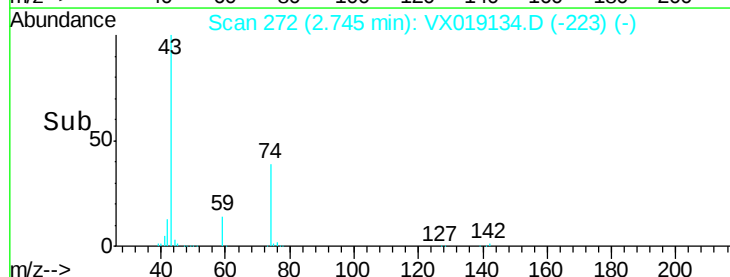
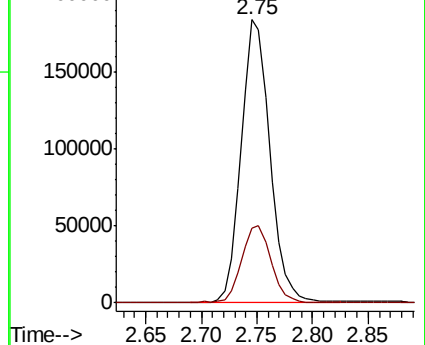
43 100

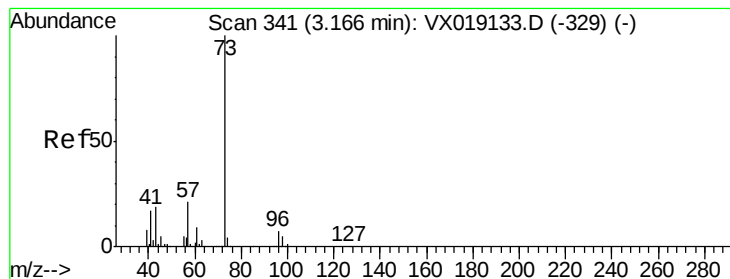
74 28.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



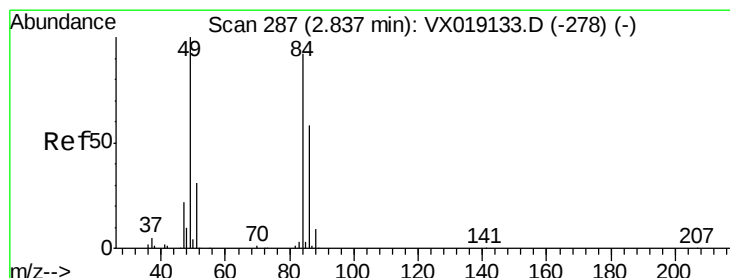
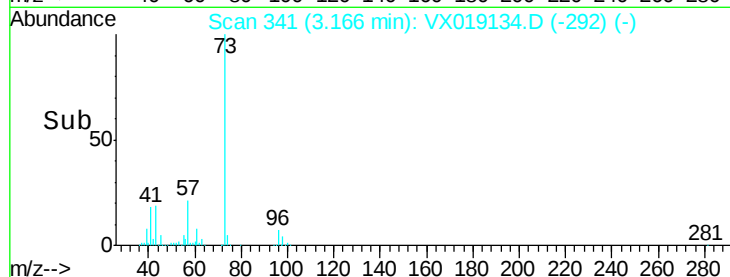
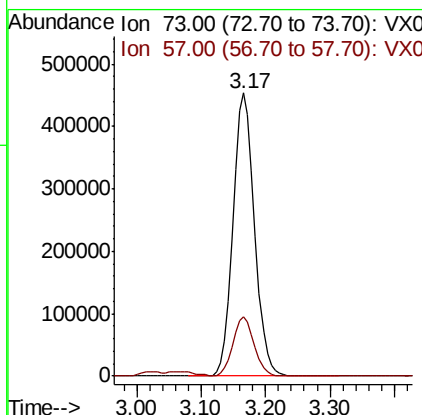
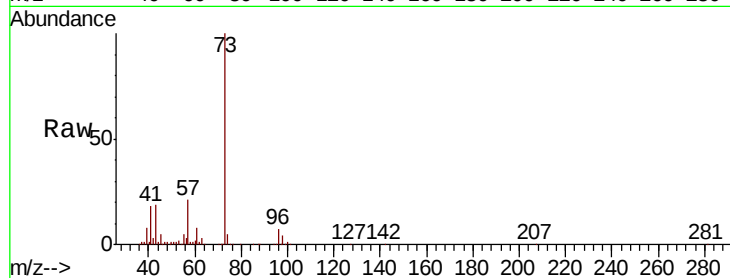


#19

Methyl tert-butyl Ether
 Concen: 110.453 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

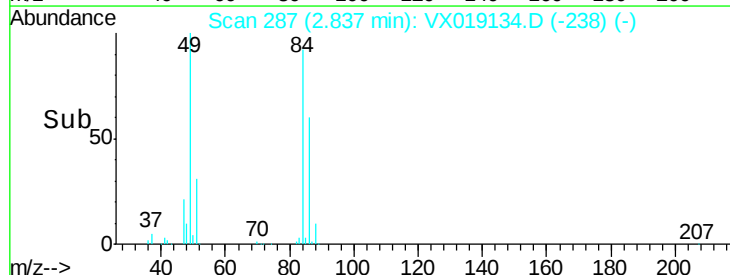
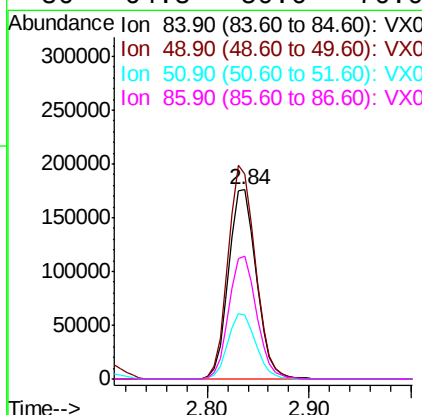
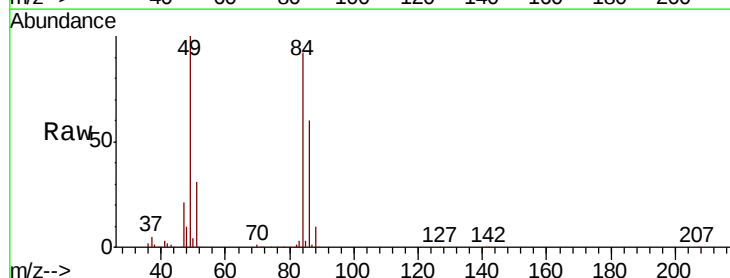
Tot Ion: 73 Resp: 1055321
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.6 25.0

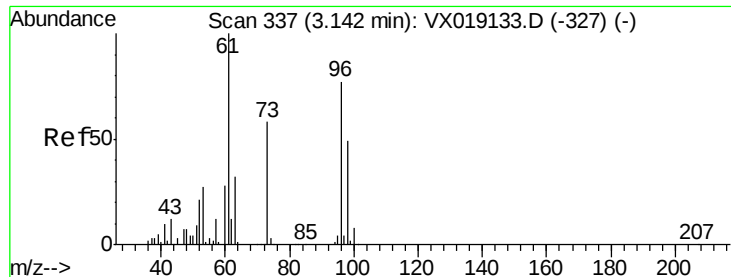


#20

Methylene Chloride
 Concen: 100.175 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion: 84 Resp: 333009
 Ion Ratio Lower Upper
 84 100
 49 108.4 86.8 130.2
 51 33.7 27.3 40.9
 86 64.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 103.557 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

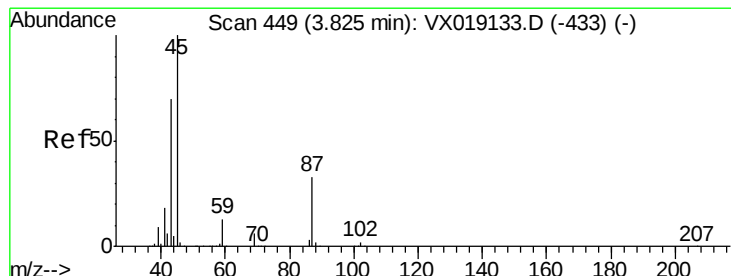
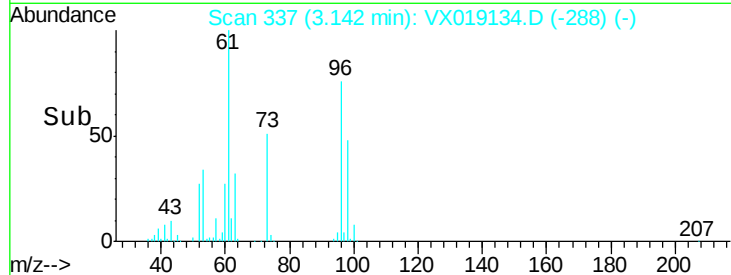
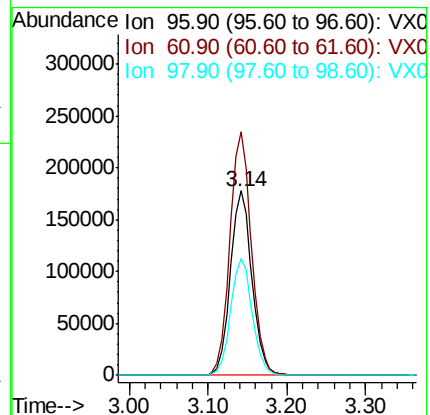
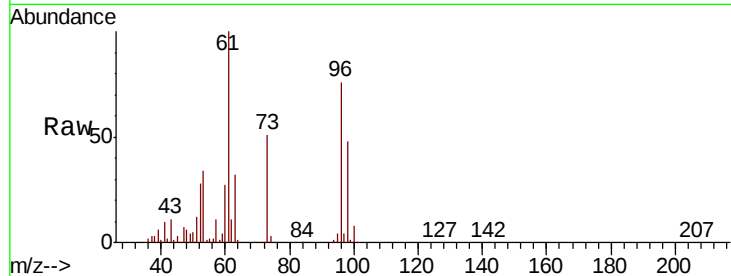
Tot Ion: 96 Resp: 336701

Ion Ratio Lower Upper

96 100

61 132.1 104.2 156.4

98 63.3 51.3 76.9



#22

Diisopropyl ether

Concen: 117.076 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion: 45 Resp: 909208

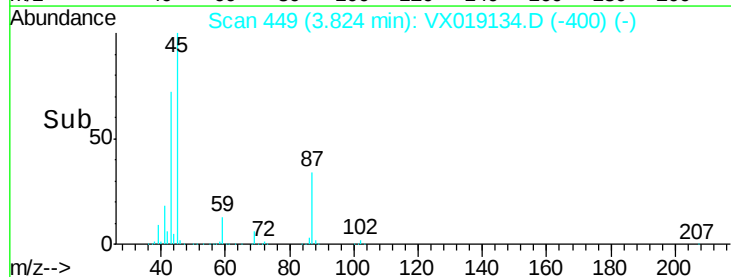
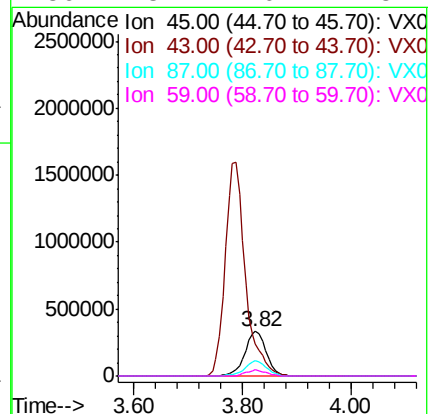
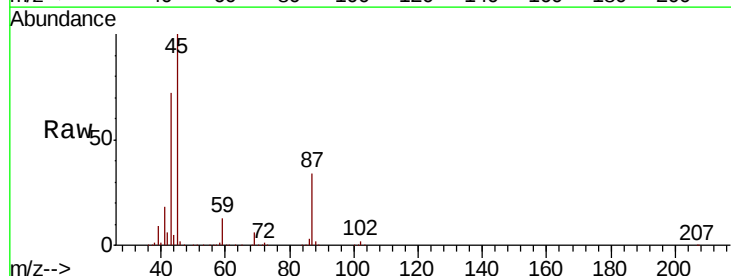
Ion Ratio Lower Upper

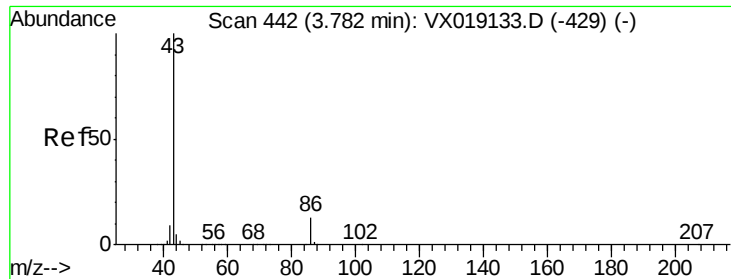
45 100

43 71.6 56.2 84.4

87 33.5 26.2 39.2

59 13.1 10.1 15.1





#23

Vinyl Acetate

Concen: 601.309 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

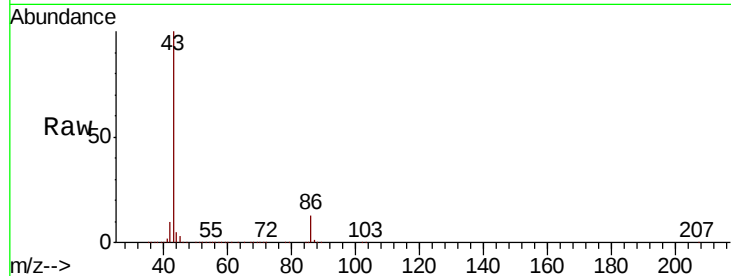
VSTDIC100

Tot Ion: 43 Resp: 4110672

Ion Ratio Lower Upper

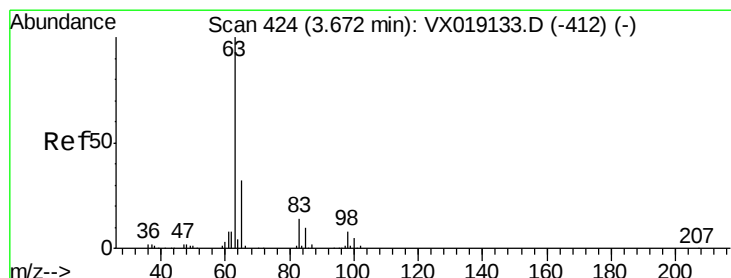
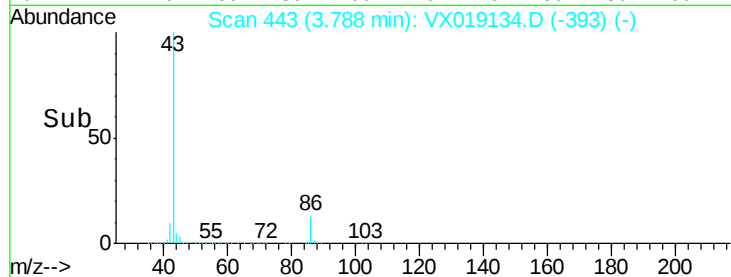
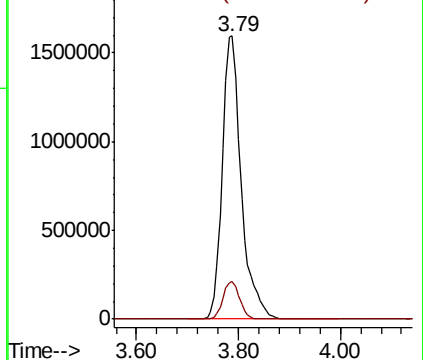
43 100

86 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 112.729 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

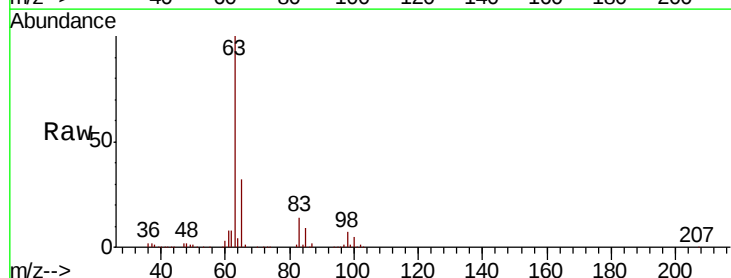
Tgt Ion: 63 Resp: 572032

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

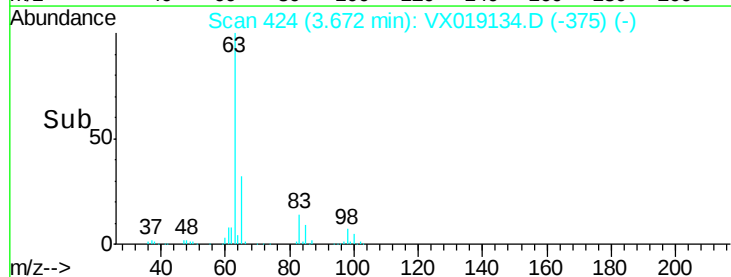
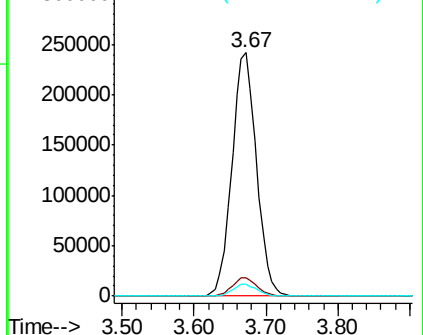
100 4.8 2.4 7.2

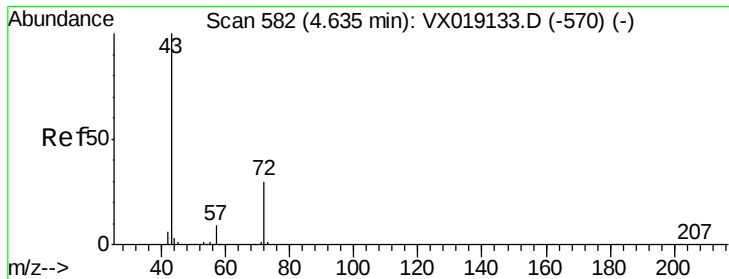


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 583.852 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

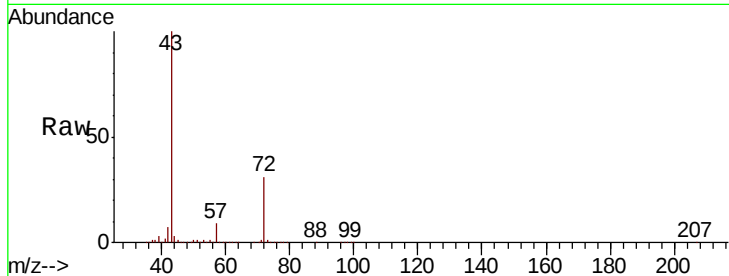
VSTDIC100

Tot Ion: 43 Resp: 1090300

Ion Ratio Lower Upper

43 100

72 30.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

400000

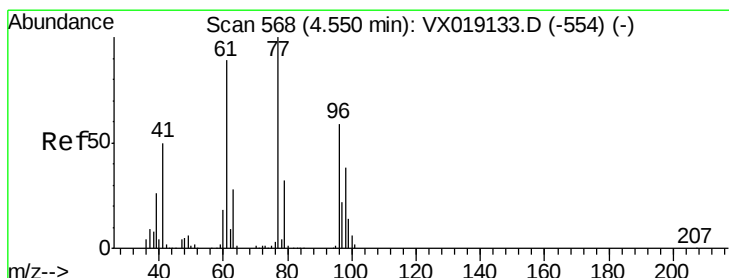
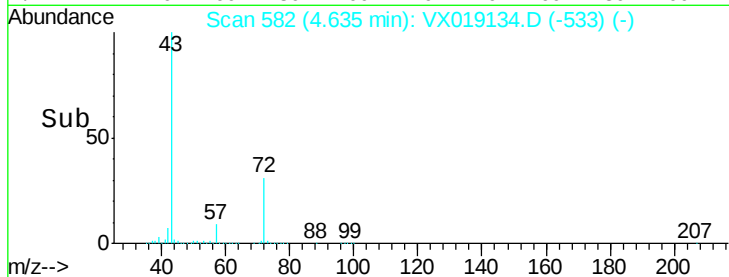
300000

200000

100000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 111.418 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019134.D

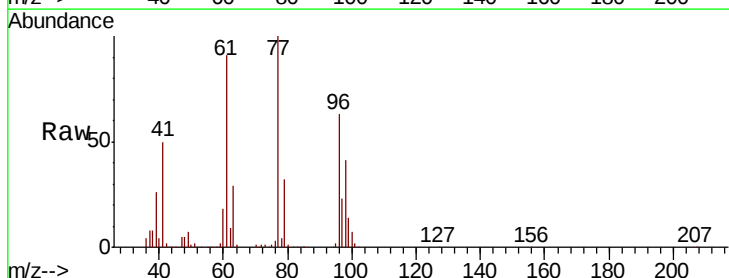
Acq: 27 Oct 2020 13:03

Tgt Ion: 77 Resp: 531917

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

200000

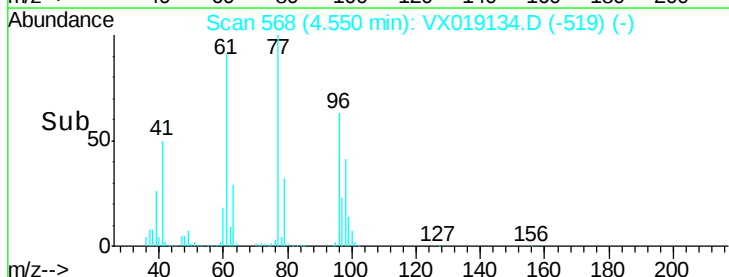
150000

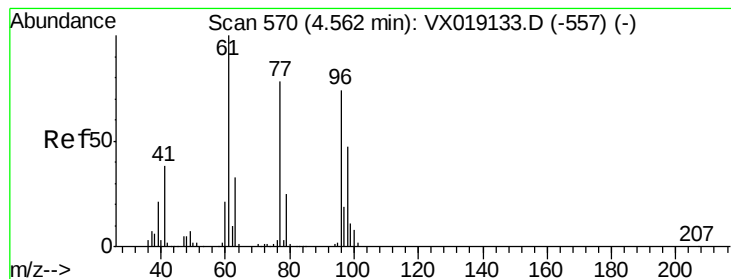
100000

50000

0

Time--> 4.40 4.50 4.60 4.70



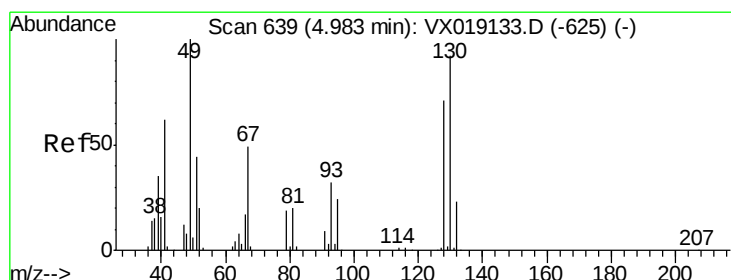
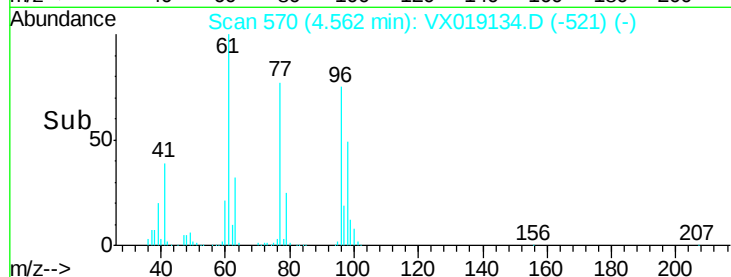
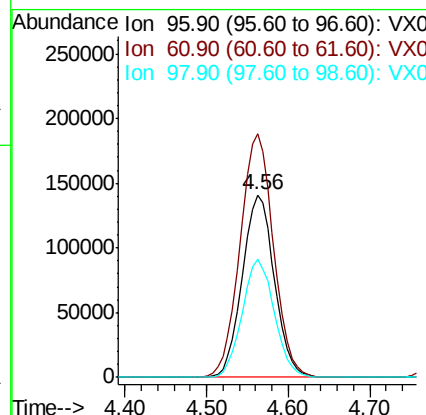
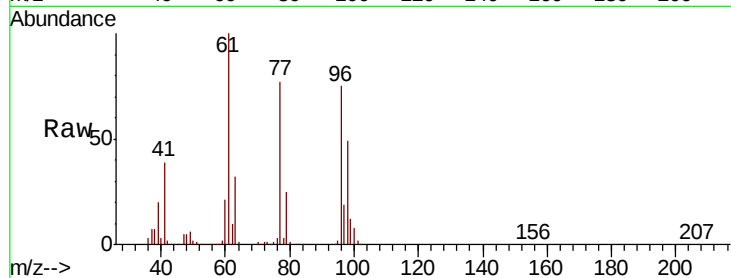


#27

cis-1,2-Dichloroethene
Concen: 105.280 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

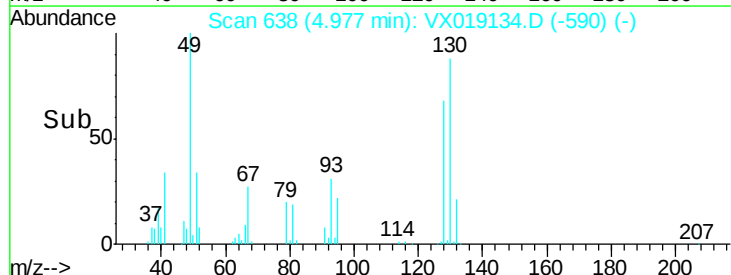
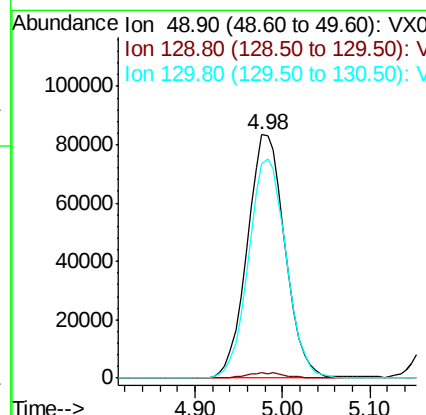
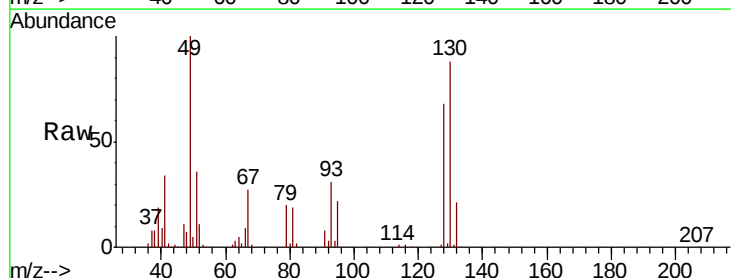
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	278.8
98	65.0	0.0	130.2

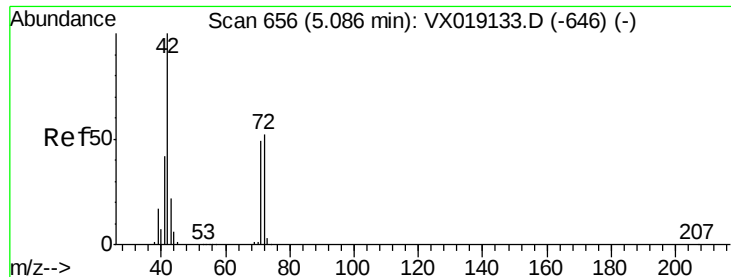


#28

Bromochloromethane
Concen: 114.087 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	89.7	71.3	106.9

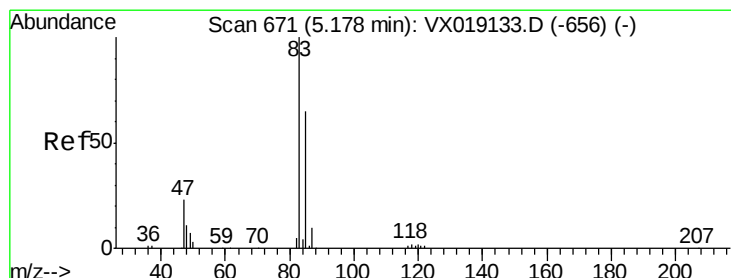
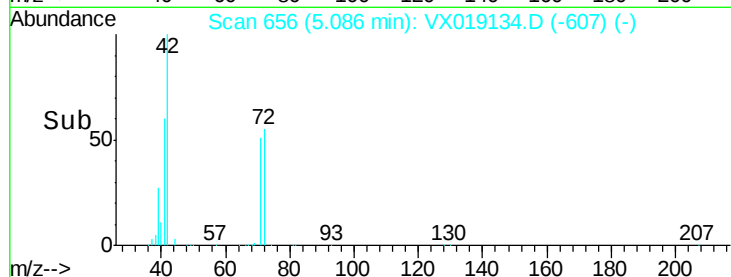
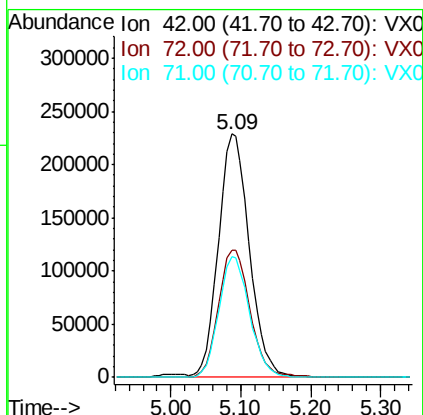
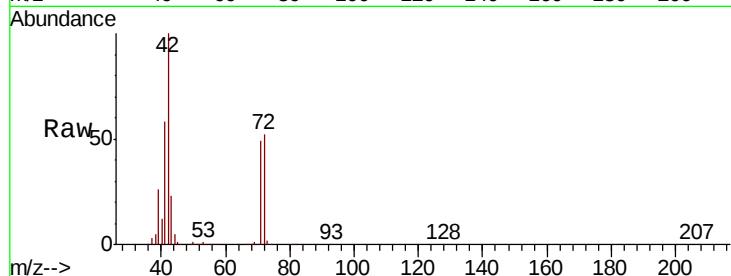




#29
Tetrahydrofuran
Concen: 588.972 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

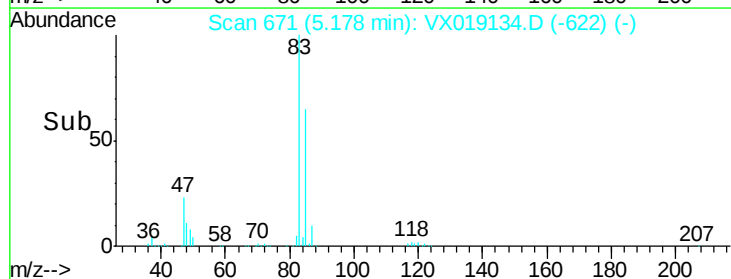
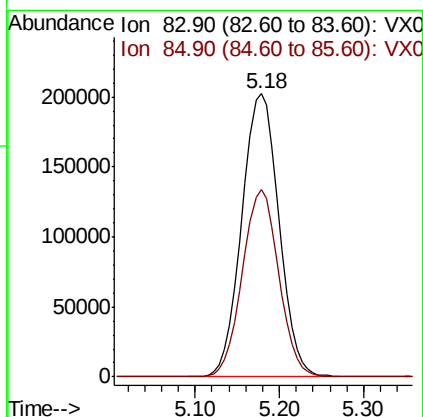
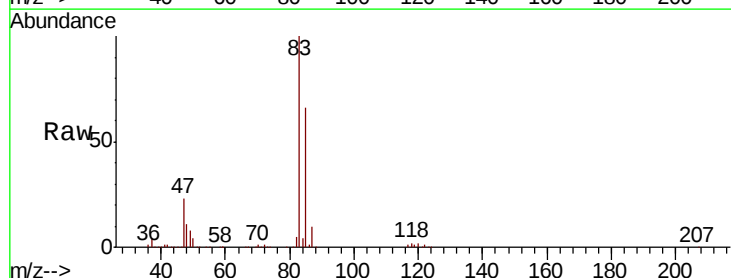
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

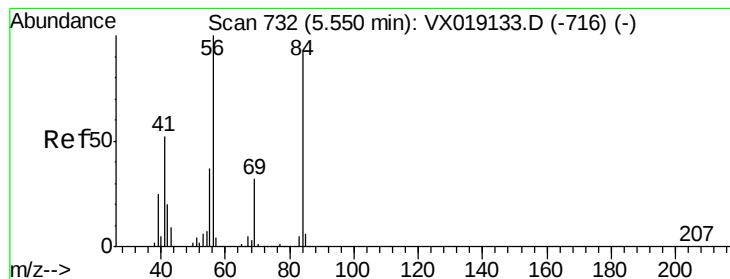
Tot Ion: 42 Resp: 700176
Ion Ratio Lower Upper
42 100
72 53.9 42.6 63.8
71 49.7 39.7 59.5



#30
Chloroform
Concen: 107.902 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 83 Resp: 606783
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9





#31

Cvclohexane

Concen: 110.814 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

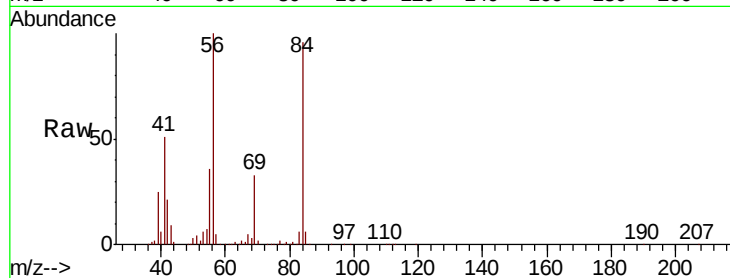
Tot Ion: 56 Resp: 497862

Ion Ratio Lower Upper

56 100

69 33.0 25.9 38.9

84 94.5 73.4 110.2

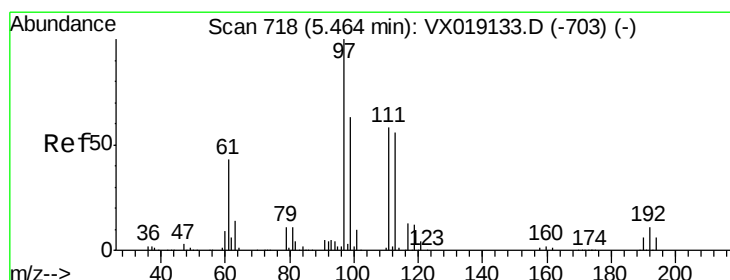
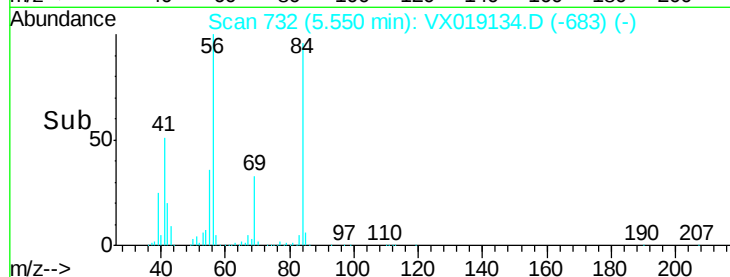
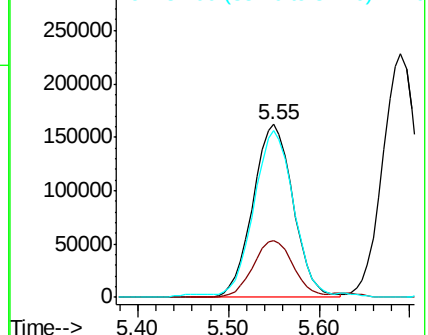


Abundance

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: 111.476 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

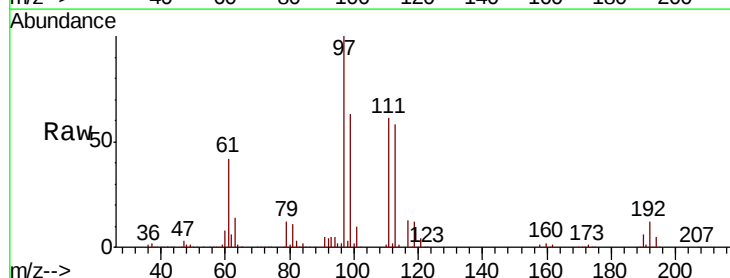
Tgt Ion: 97 Resp: 559264

Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 42.1 34.2 51.2

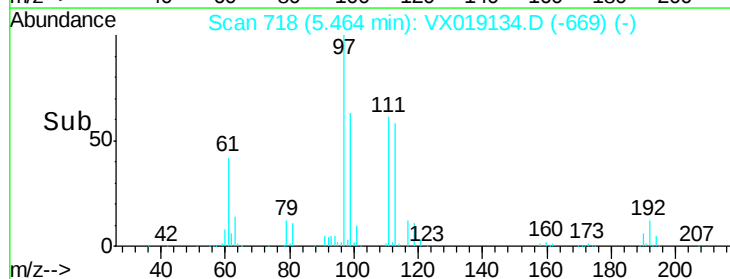
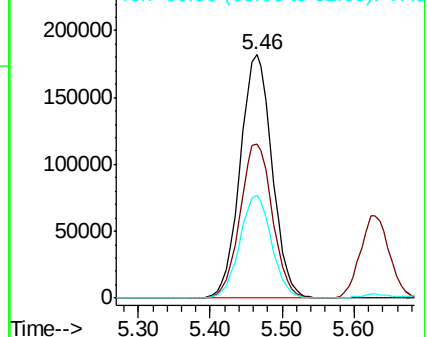


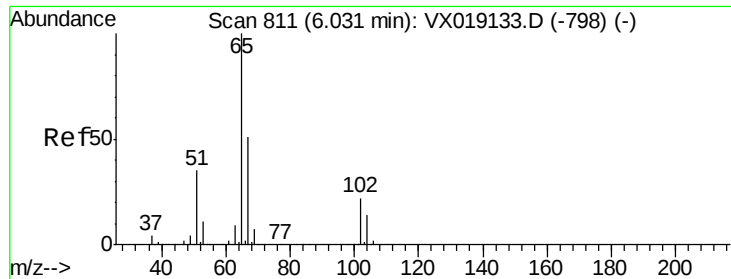
Abundance

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: 105.694 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

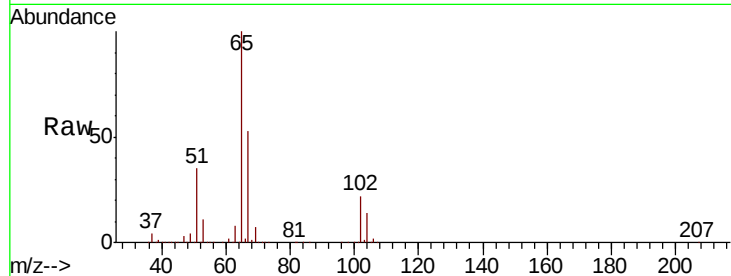
VSTDIC100

Tot Ion: 65 Resp: 374459

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

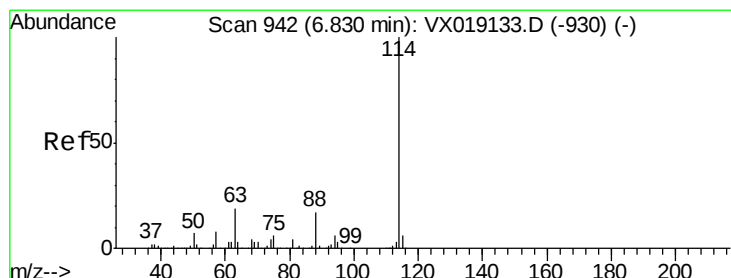
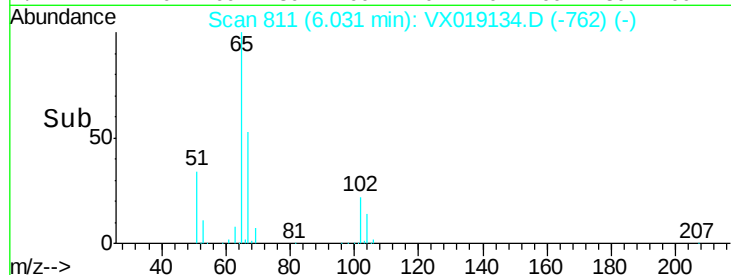
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

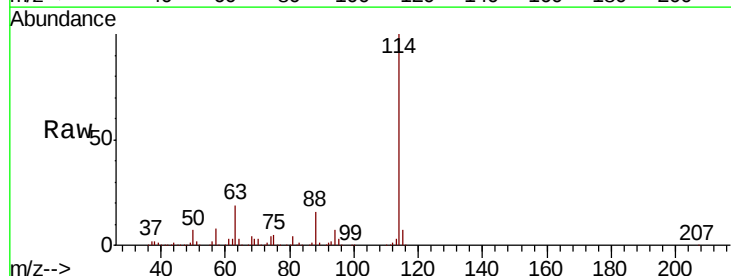
Tgt Ion: 114 Resp: 486928

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 16.1 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

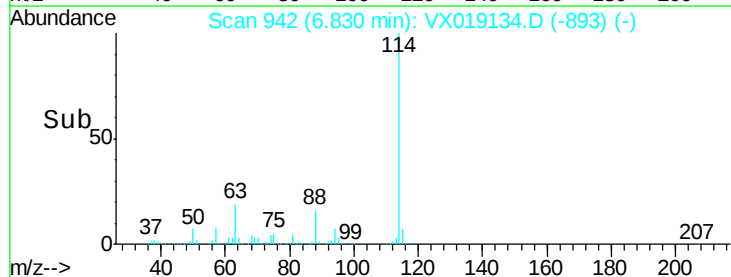
100000

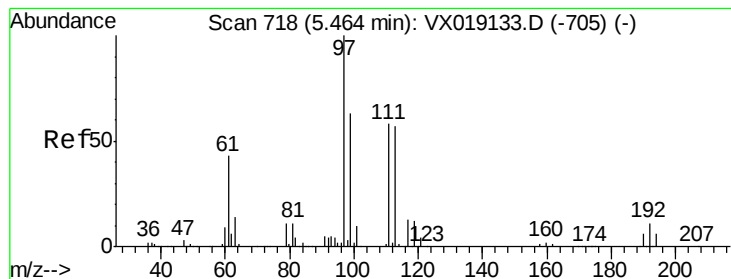
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 102.689 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

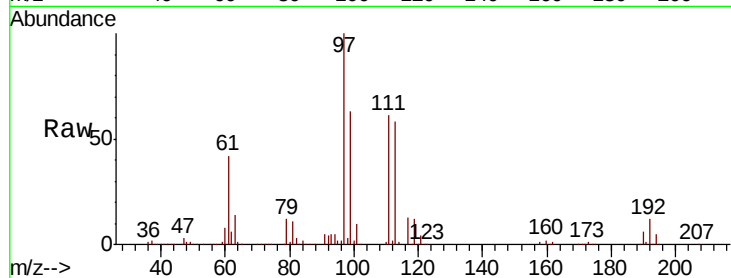
Tot Ion:113 Resp: 307234

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

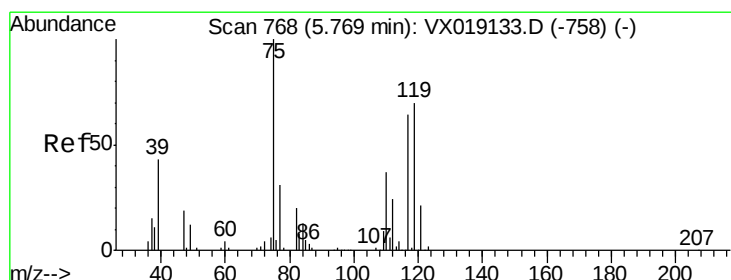
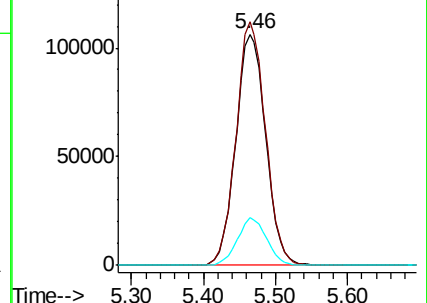
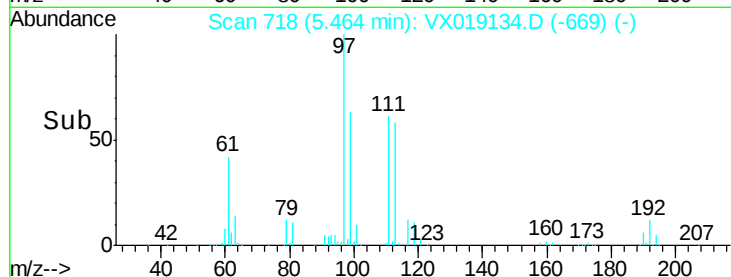
192 20.2 16.2 24.2



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: 109.271 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

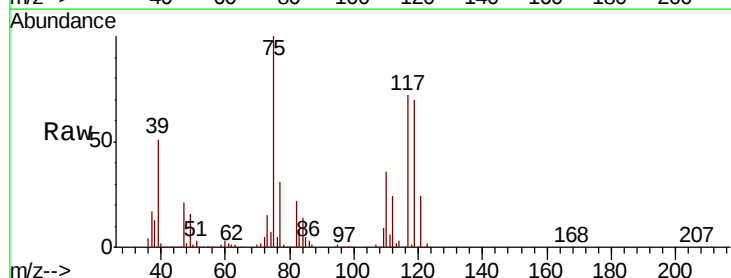
Tgt Ion: 75 Resp: 466577

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.9

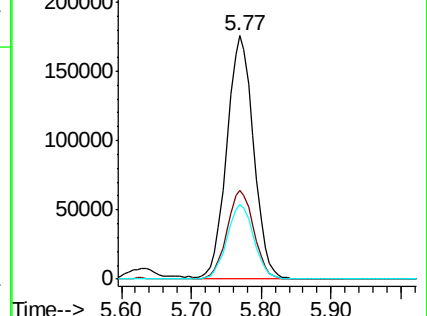
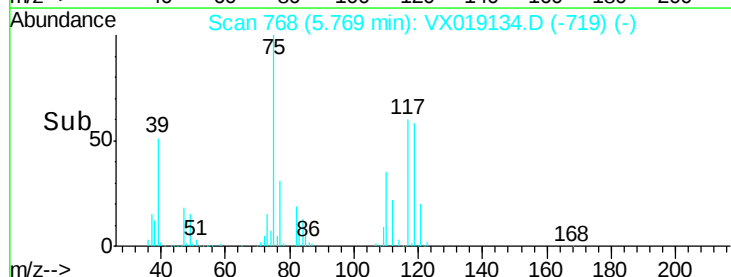
77 30.7 24.9 37.3

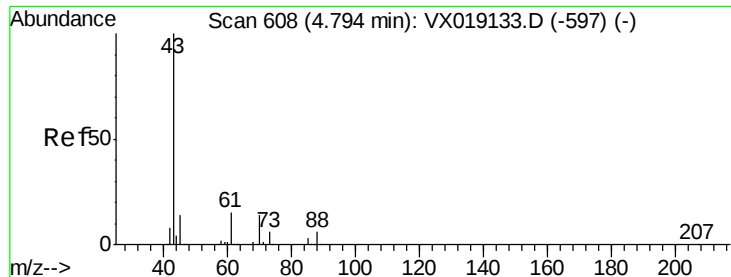


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

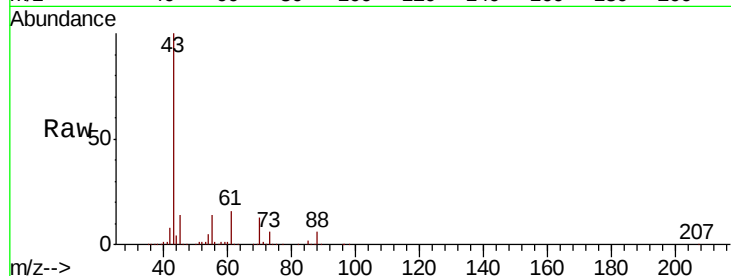




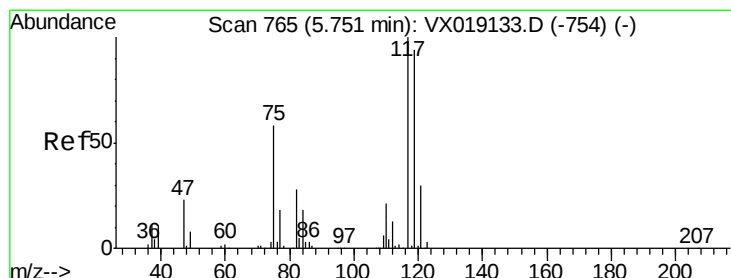
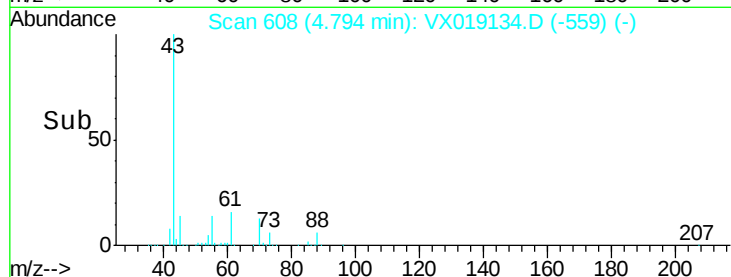
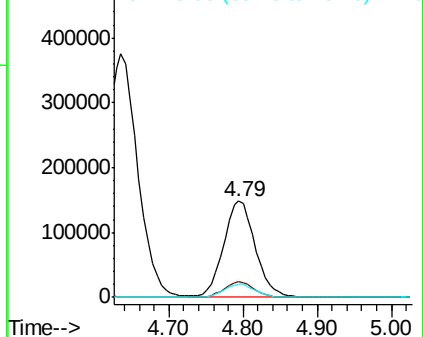
#37
Ethyl Acetate
Concen: 116.442 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 438629
Ion Ratio Lower Upper
43 100
61 15.6 12.5 18.7
70 13.1 10.5 15.7

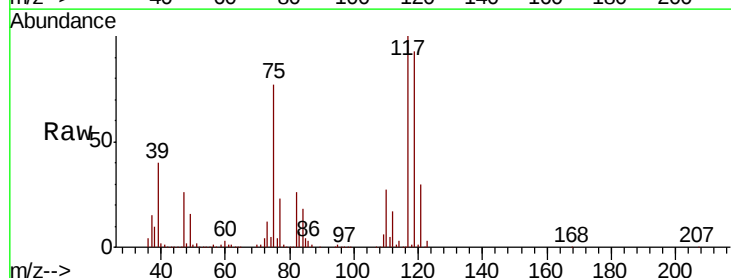


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

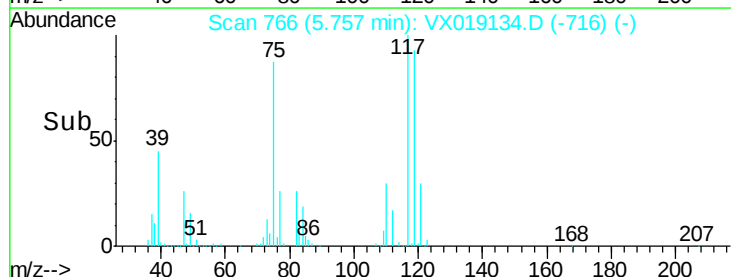
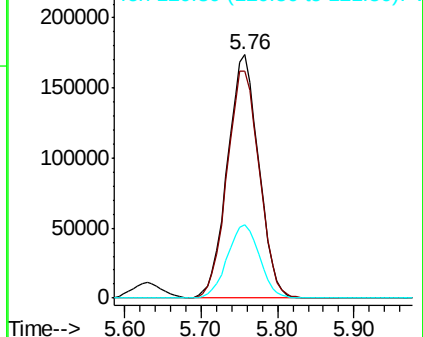


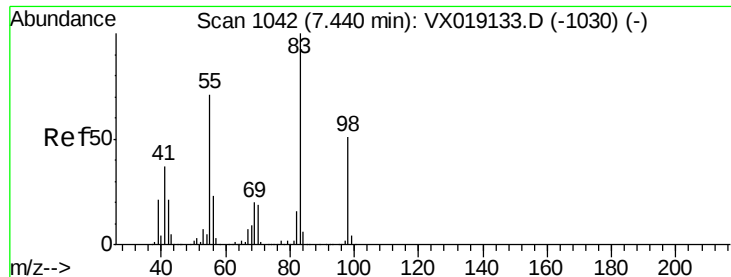
#38
Carbon Tetrachloride
Concen: 111.871 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 117 Resp: 491638
Ion Ratio Lower Upper
117 100
119 93.2 75.0 112.6
121 30.2 23.9 35.9



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

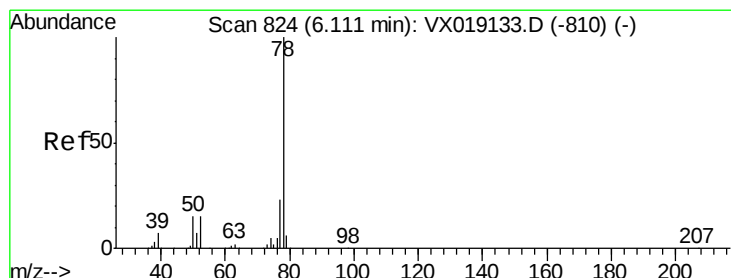
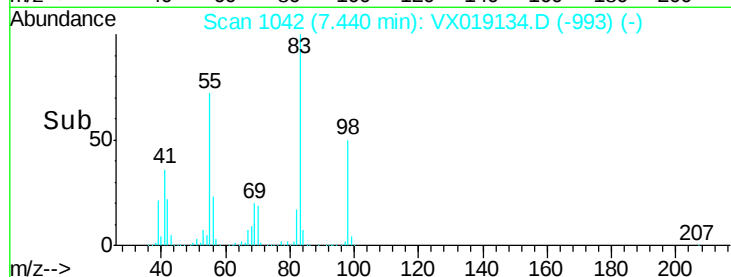
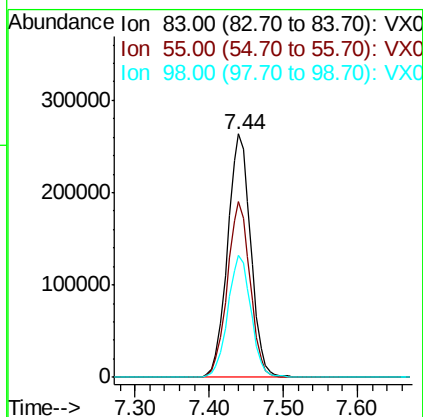
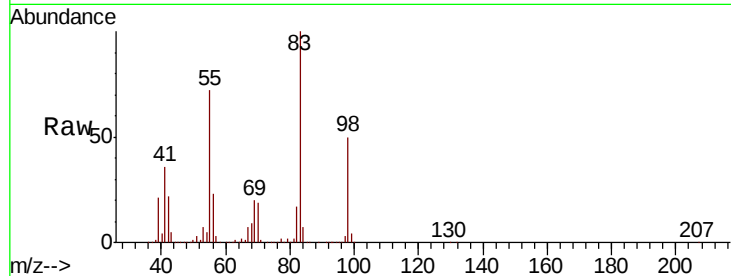




#39
Methvlcvclohexane
Concen: 109.499 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

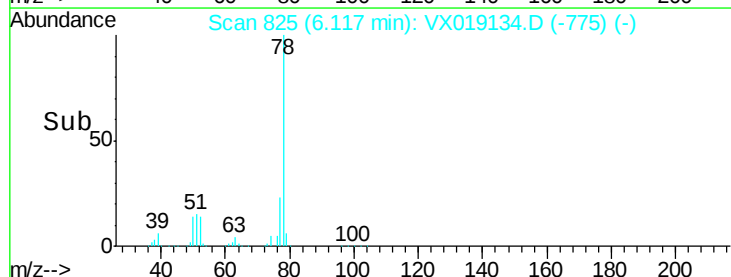
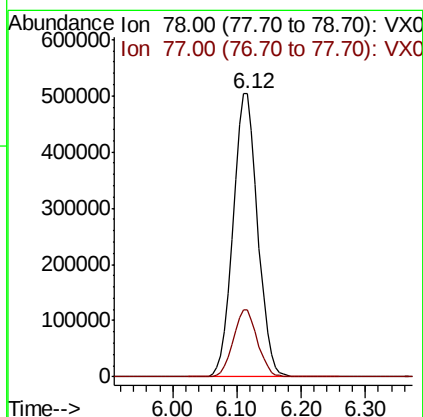
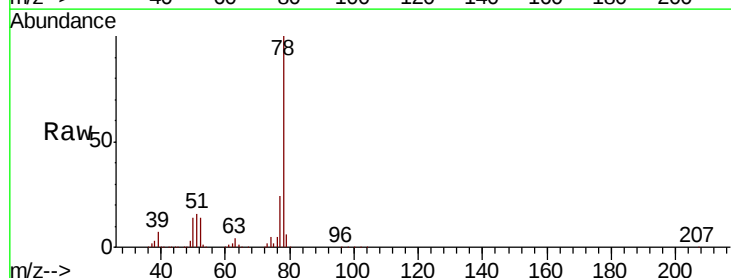
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

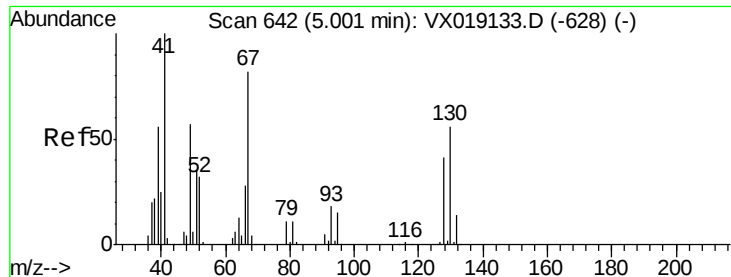
Tot Ion: 83 Resp: 573233
Ion Ratio Lower Upper
83 100
55 72.4 57.0 85.6
98 50.3 40.5 60.7



#40
Benzene
Concen: 106.800 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 78 Resp: 1336722
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41

Methacrylonitrile

Concen: 120.110 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 233524

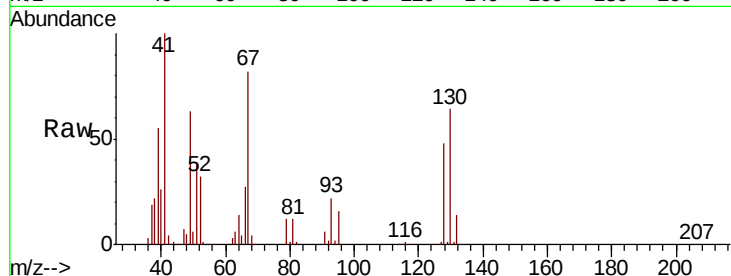
Ion Ratio Lower Upper

41 100

39 55.5 44.4 66.6

67 84.0 66.4 99.6

52 32.7 26.2 39.4

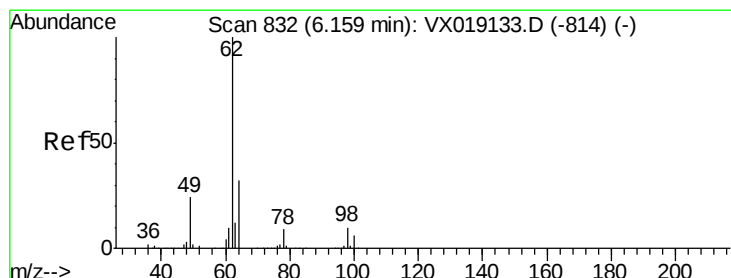
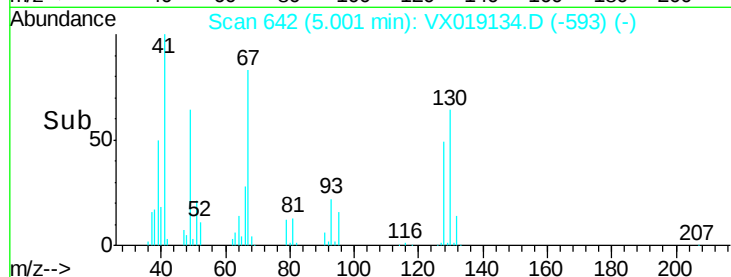
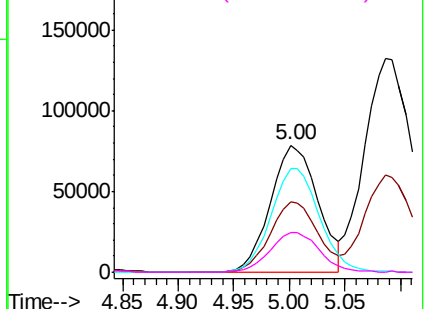


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 113.515 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019134.D

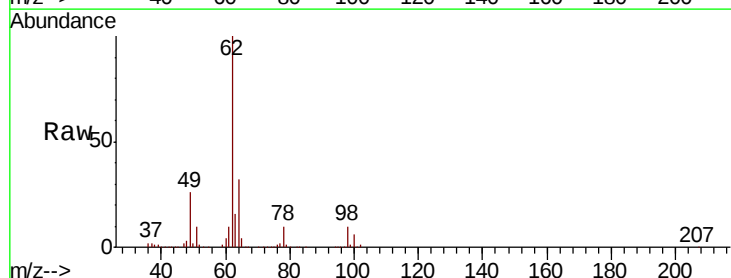
Acq: 27 Oct 2020 13:03

Tgt Ion: 62 Resp: 485614

Ion Ratio Lower Upper

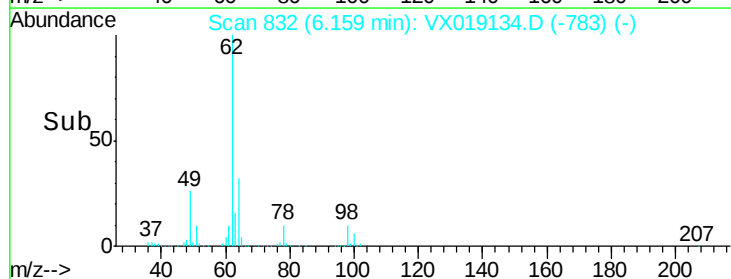
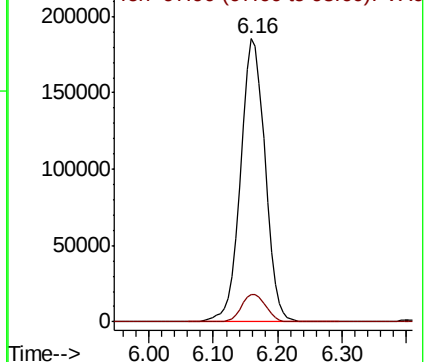
62 100

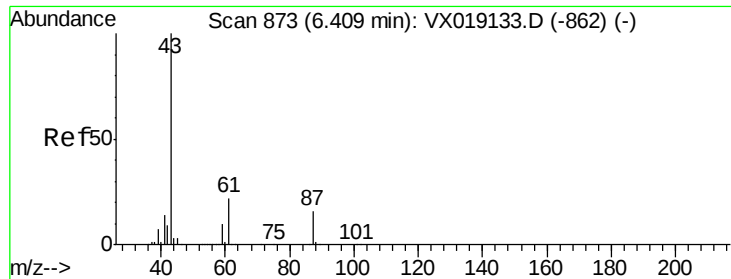
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



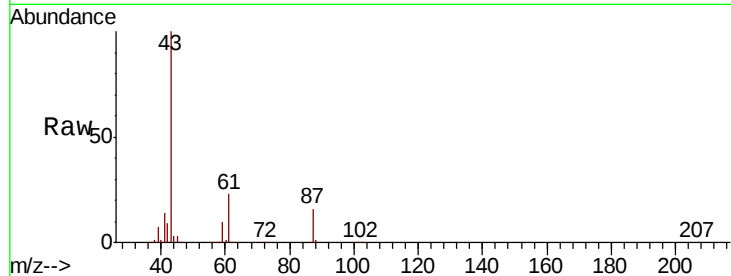


#43

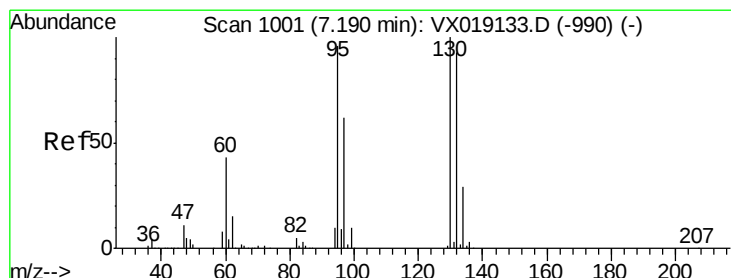
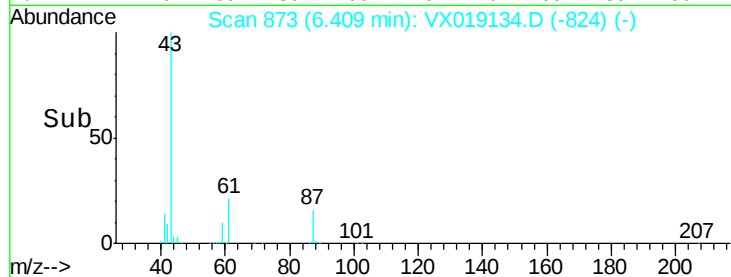
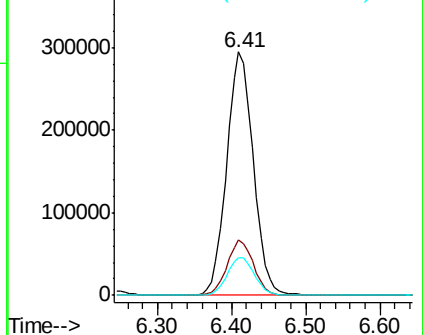
Isopropyl Acetate
 Concen: 119.345 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	43	Resp	73529
Ion Ratio	Lower	Upper	
43	100		
61	22.4	17.8	26.6
87	16.0	12.6	19.0



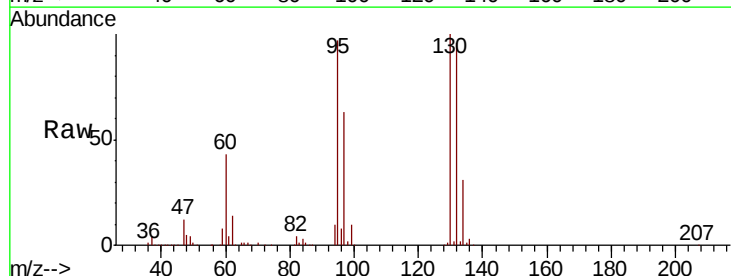
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



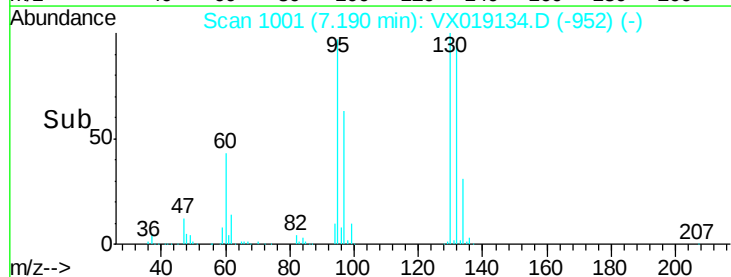
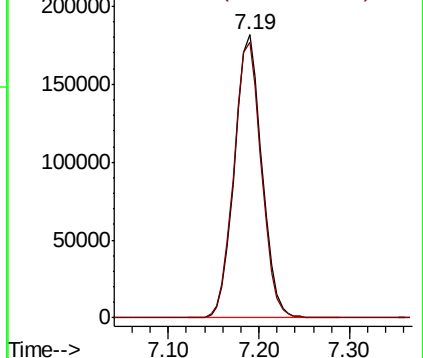
#44

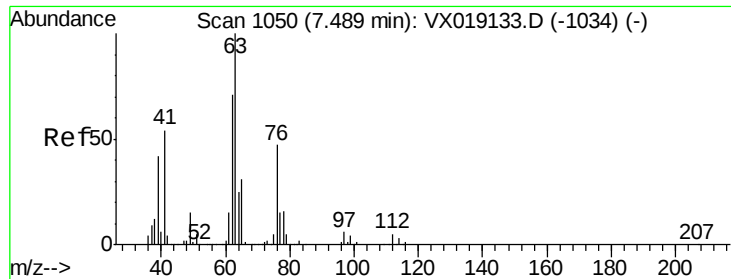
Trichloroethene
 Concen: 106.189 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion	130	Resp	380580
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 112.843 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

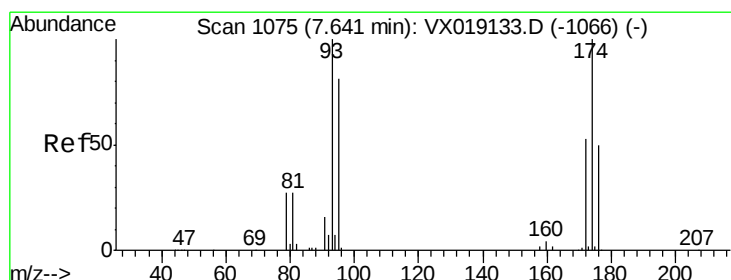
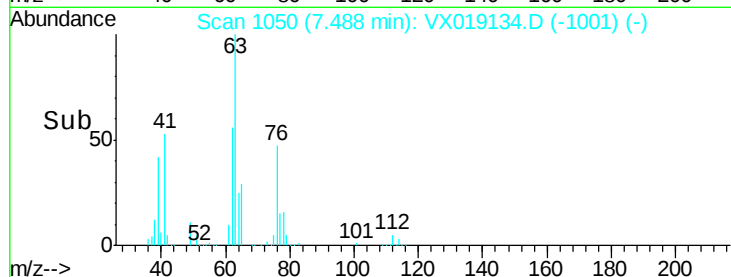
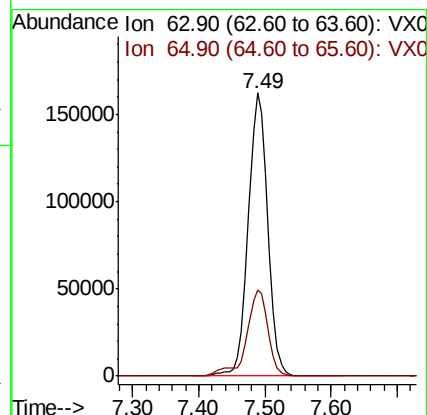
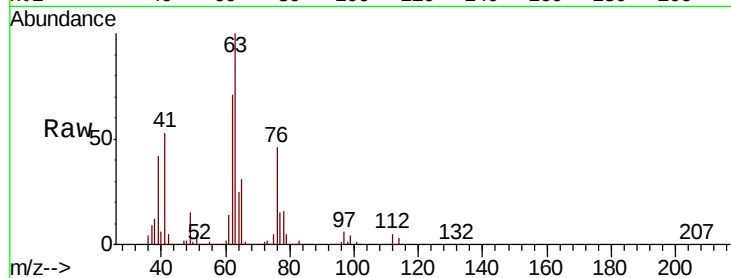
VSTDIC100

Tot Ion: 63 Resp: 332161

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 108.560 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

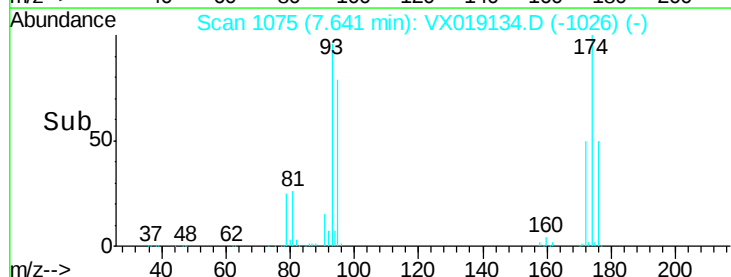
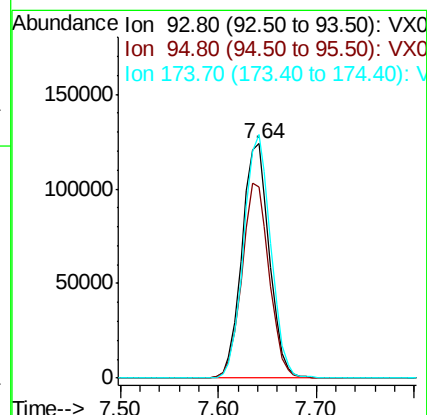
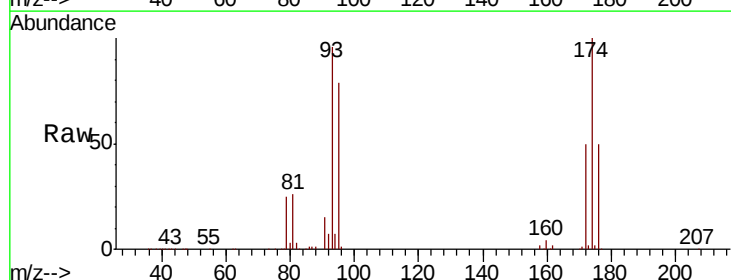
Tgt Ion: 93 Resp: 240751

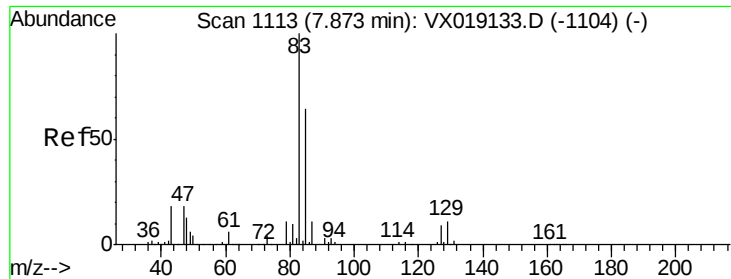
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 102.8 81.7 122.5





#47

Bromodichloromethane

Concen: 113.144 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

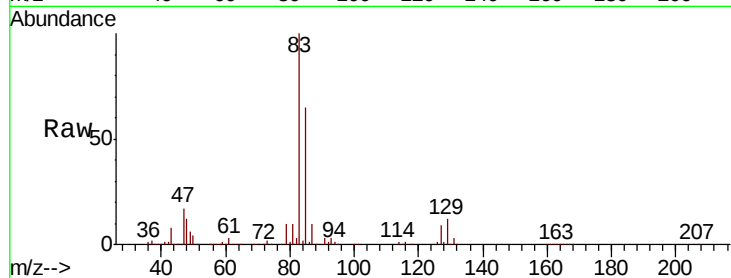
Tot Ion: 83 Resp: 490713

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

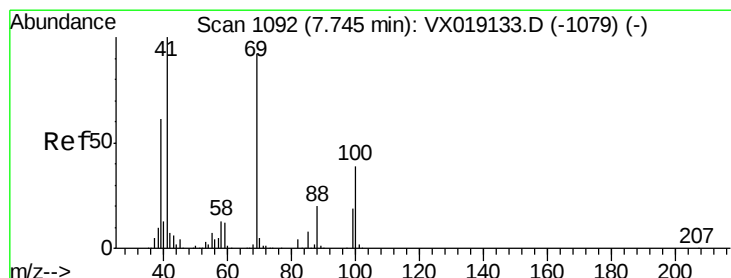
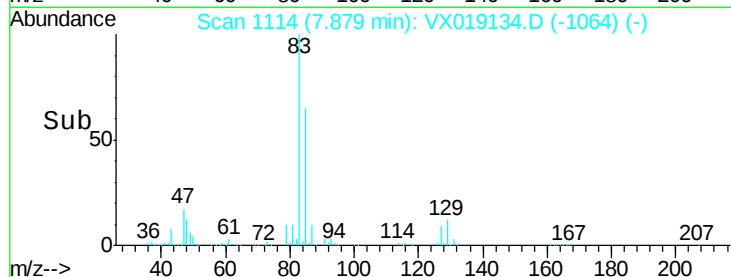
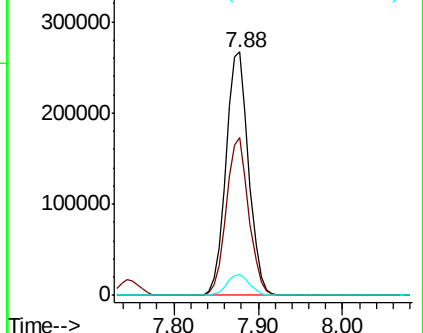
127 8.8 7.1 10.7



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: 123.131 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

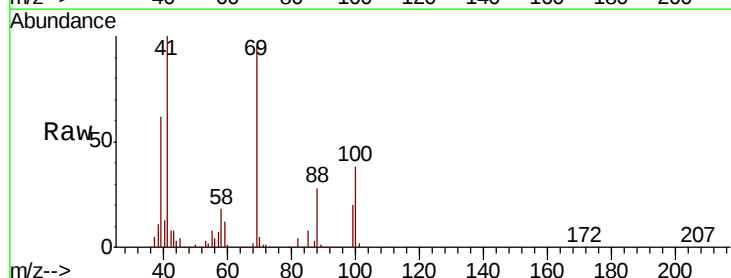
Tgt Ion: 41 Resp: 357849

Ion Ratio Lower Upper

41 100

69 96.0 75.5 113.3

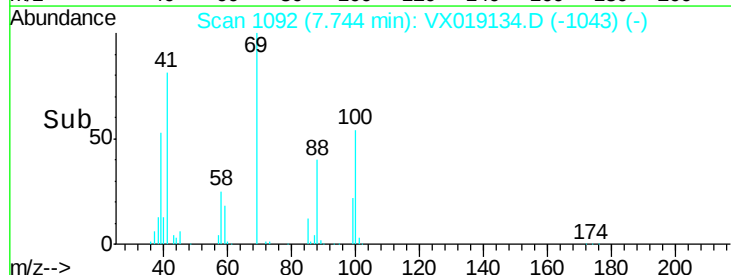
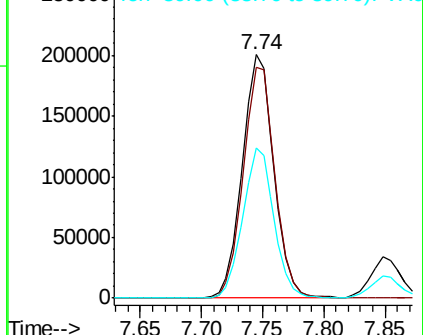
39 61.0 48.9 73.3

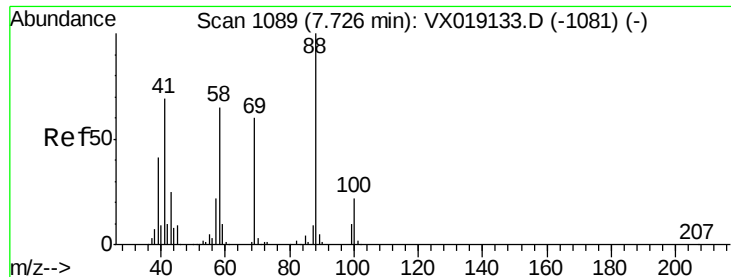


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

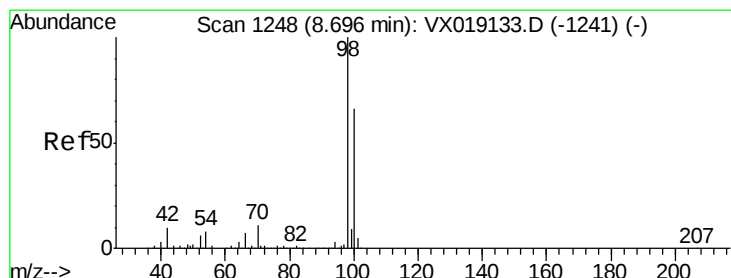
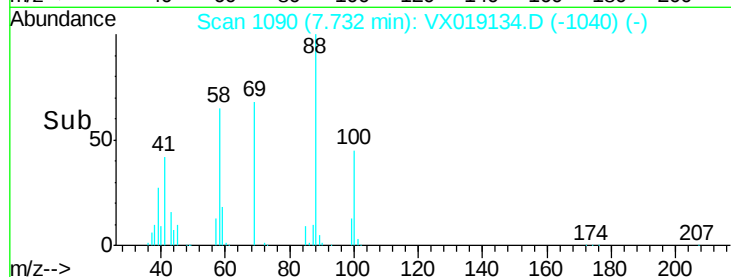
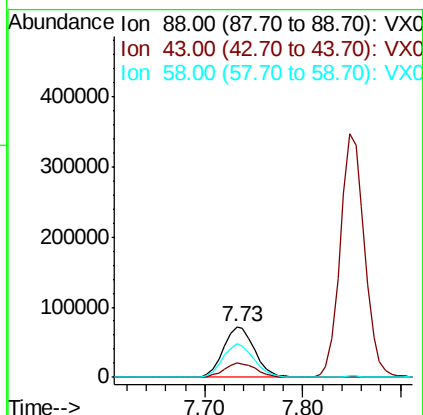
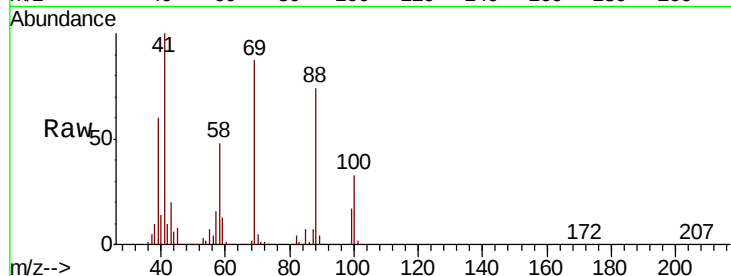




#49
1,4-Dioxane
Concen: 2121.349 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

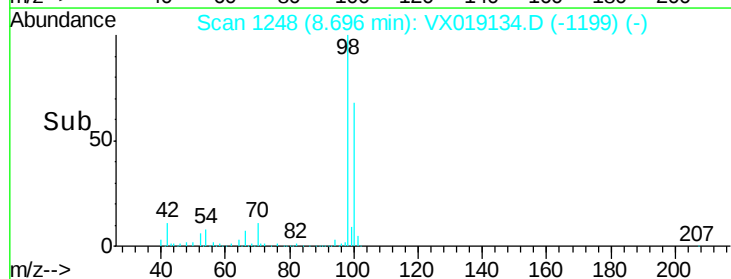
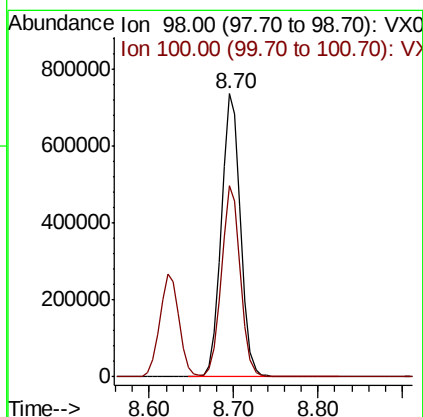
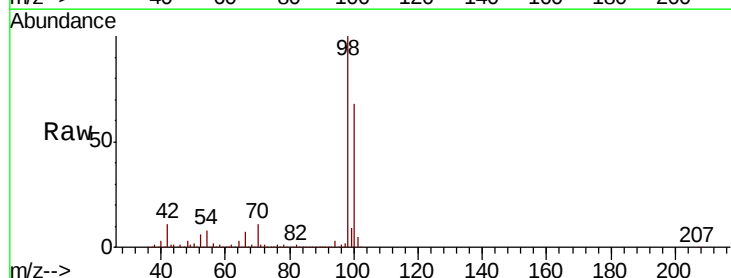
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

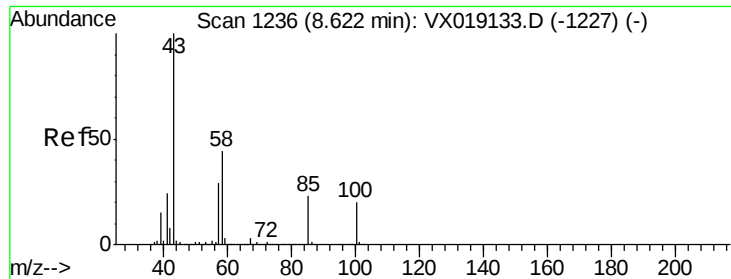
Tot Ion: 88 Resp: 159060
Ion Ratio Lower Upper
88 100
43 28.4 23.0 34.6
58 65.6 52.2 78.2



#50
Toluene-d8
Concen: 99.813 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 98 Resp: 1151122
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 587.564 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

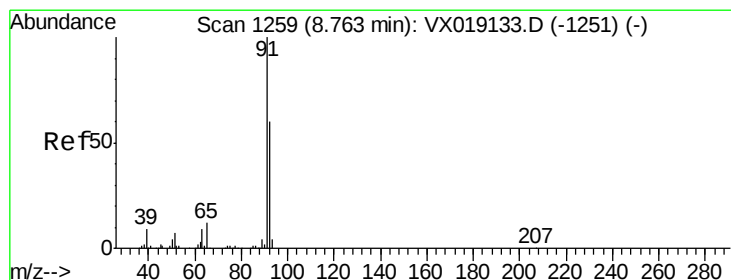
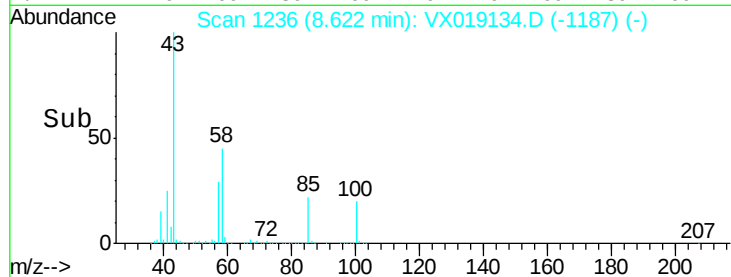
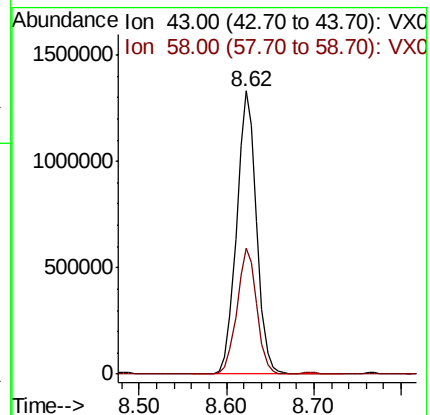
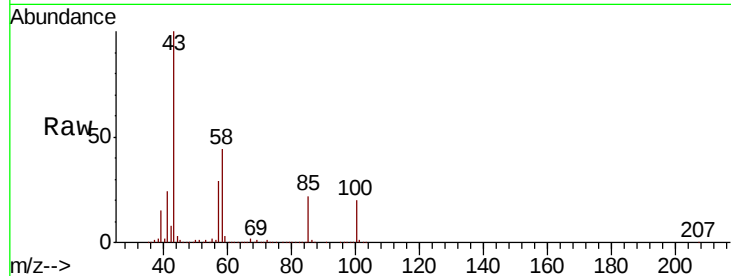
VSTDIC100

Tot Ion: 43 Resp: 2115398

Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.4



#52

Toluene

Concen: 106.958 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019134.D

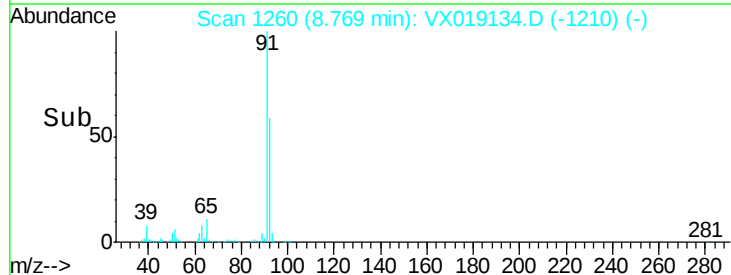
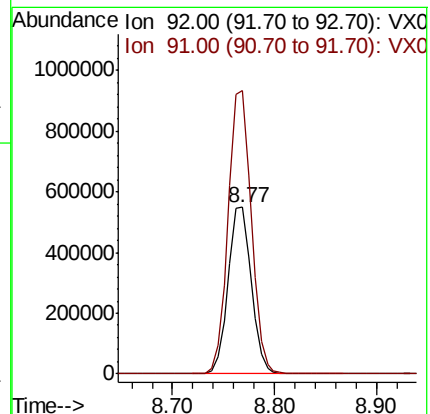
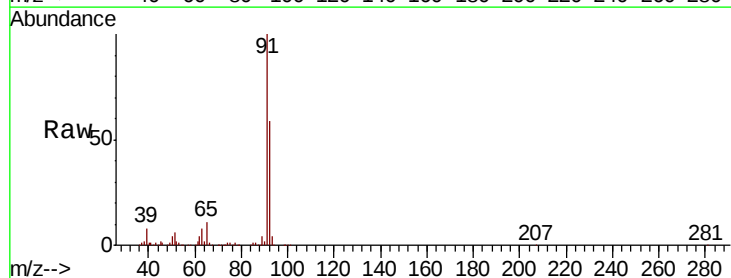
Acq: 27 Oct 2020 13:03

Tgt Ion: 92 Resp: 865942

Ion Ratio Lower Upper

92 100

91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 116.516 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

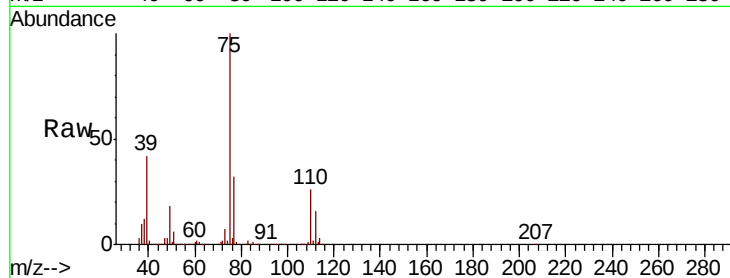
VSTDIC100

Tot Ion: 75 Resp: 558543

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

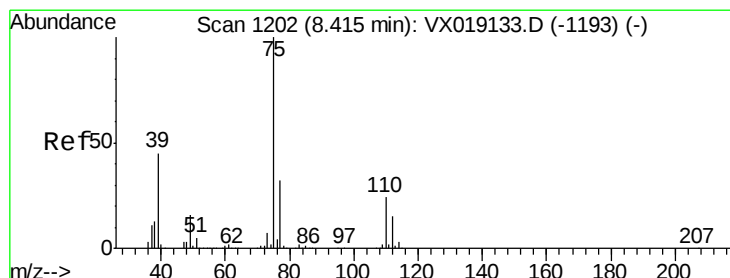
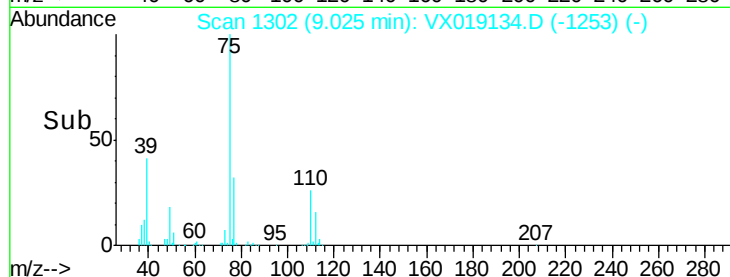
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 115.255 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

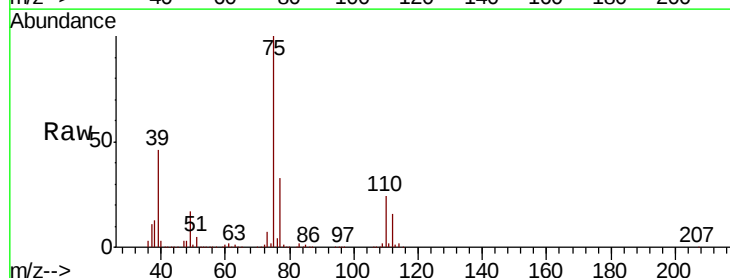
Tgt Ion: 75 Resp: 588393

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 45.8 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

500000

400000

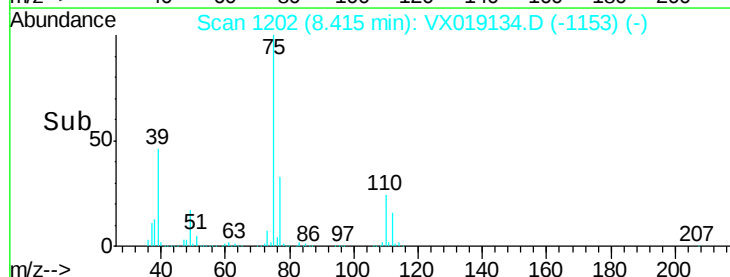
300000

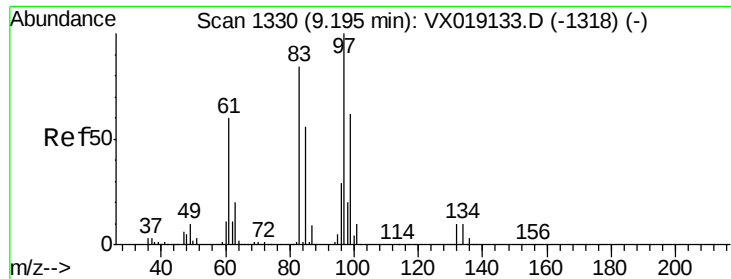
200000

100000

0

Time-->

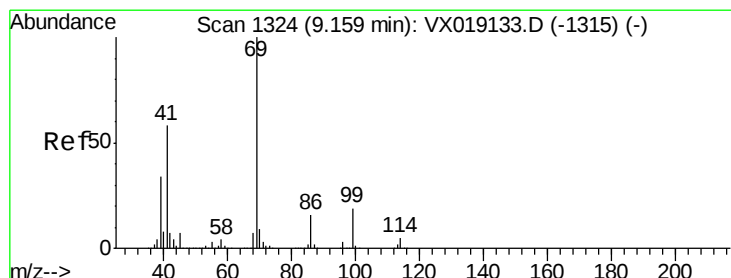
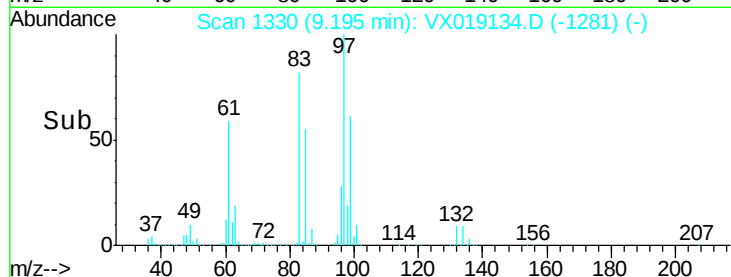
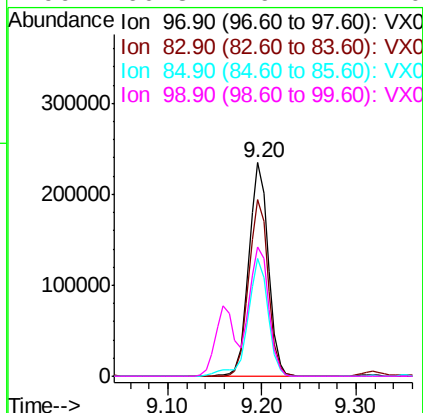
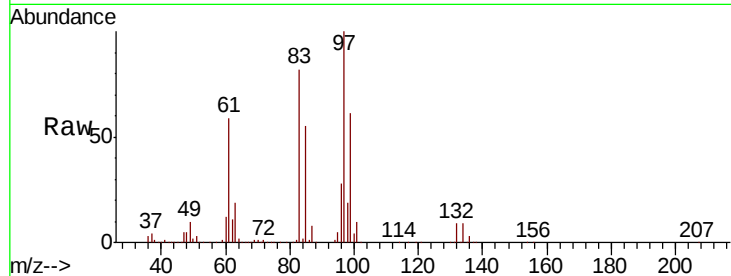




#55
 1,1,2-Trichloroethane
 Concen: 105.787 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

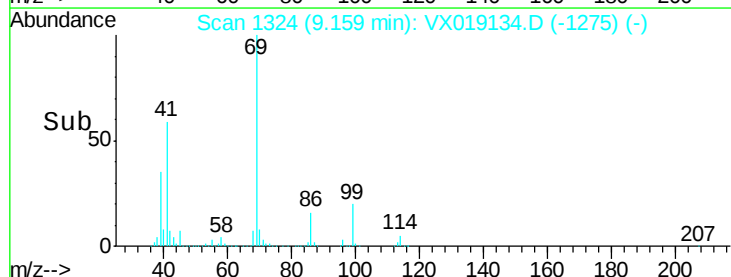
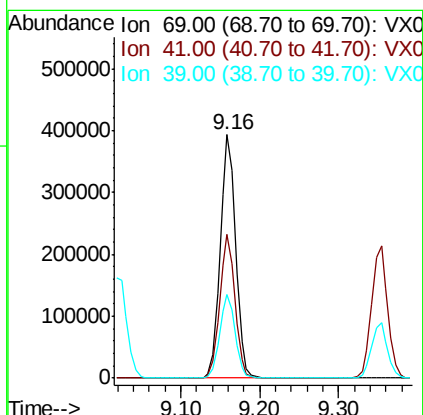
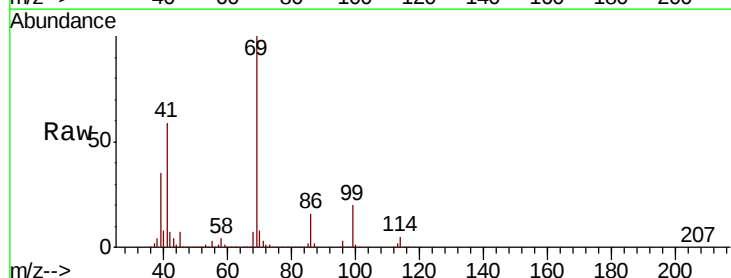
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

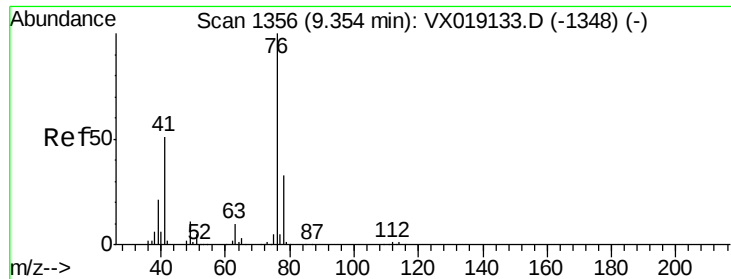
Tot Ion:	97	Resp:	341000
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.2	100.8
85	54.9	44.6	67.0
99	60.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 115.049 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion:	69	Resp:	535396
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.5	69.7
39	34.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 107.719 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

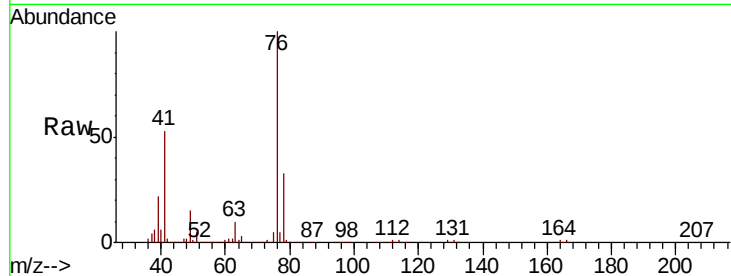
VSTDIC100

Tot Ion: 76 Resp: 568572

Ion Ratio Lower Upper

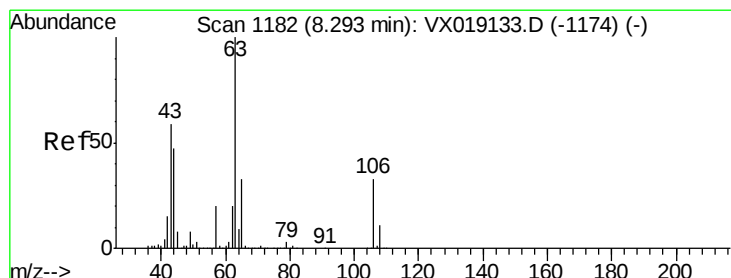
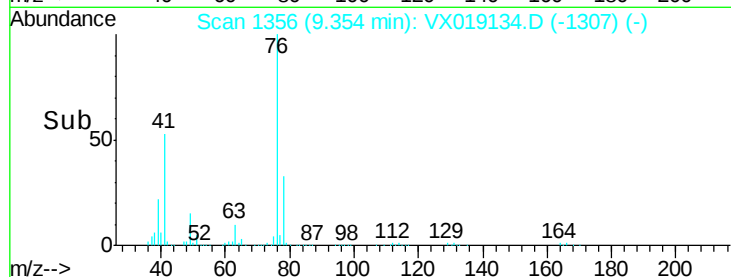
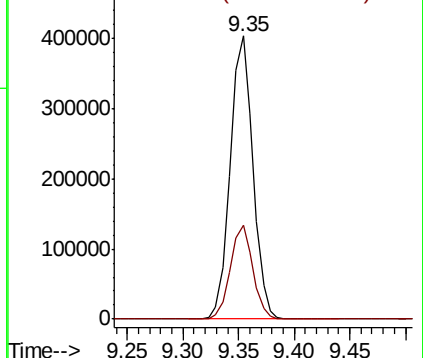
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 554.160 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019134.D

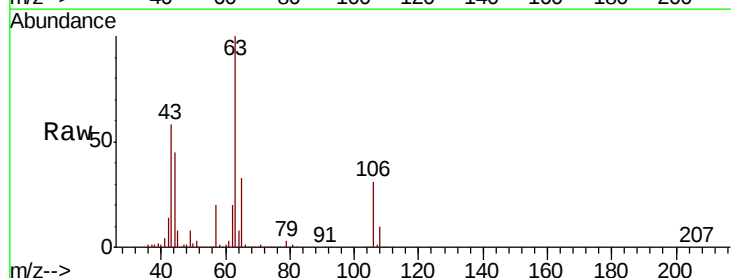
Acq: 27 Oct 2020 13:03

Tgt Ion: 63 Resp: 1396929

Ion Ratio Lower Upper

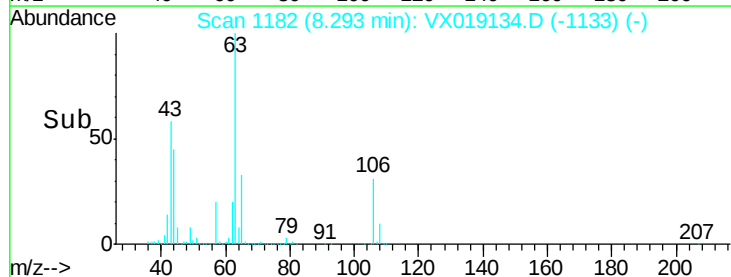
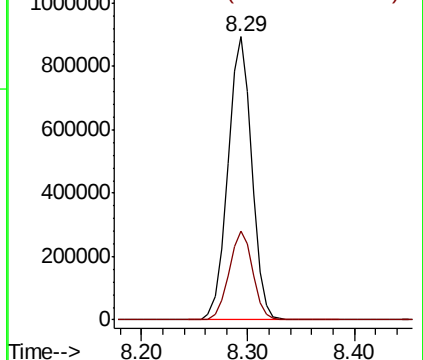
63 100

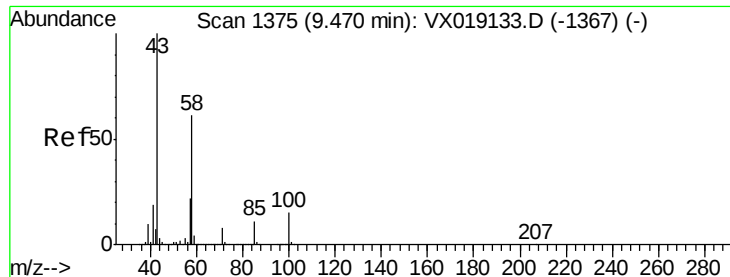
106 31.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

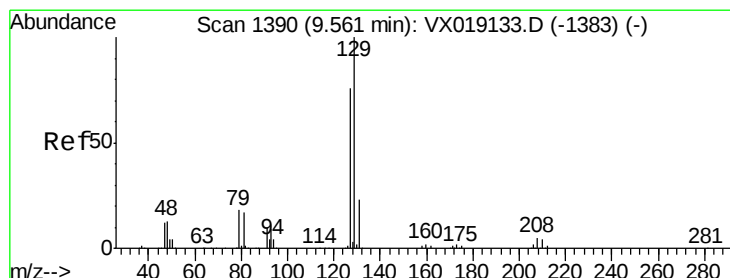
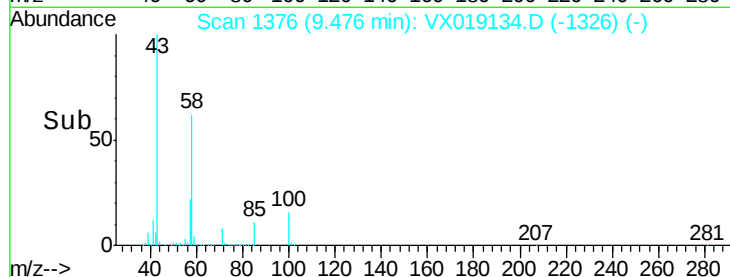
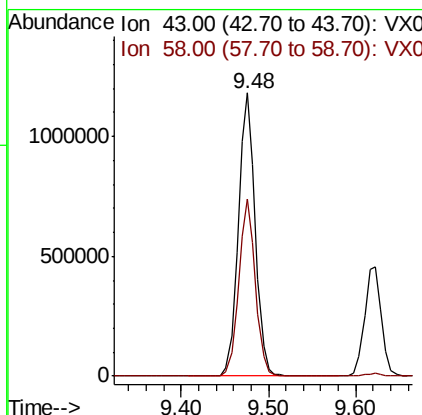
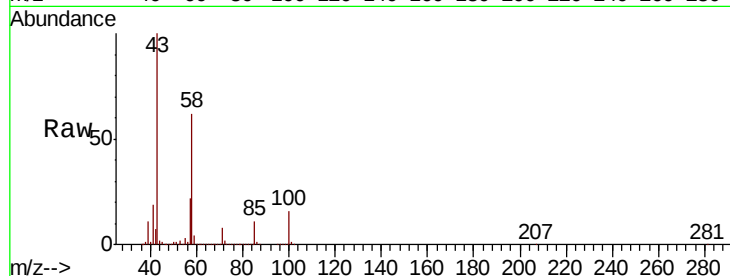




#59
2-Hexanone
Concen: 581.694 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

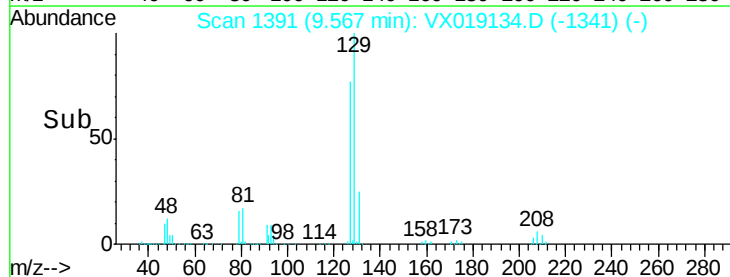
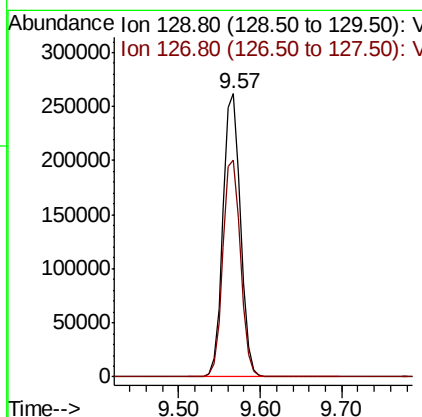
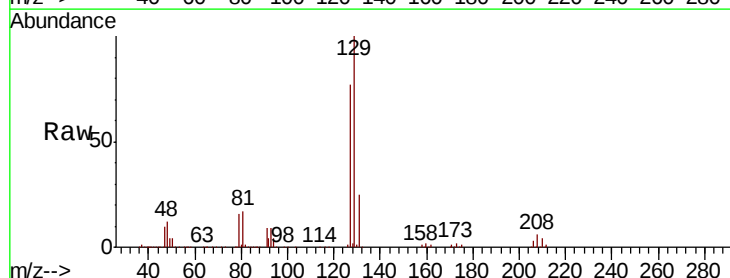
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

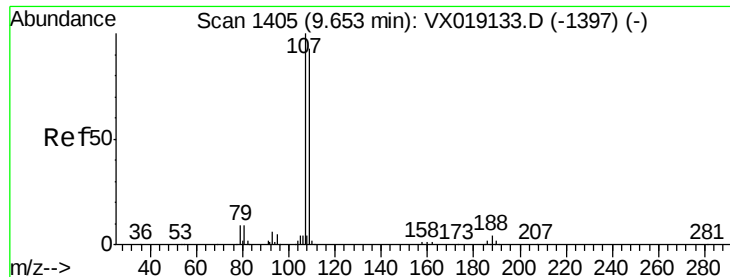
Tot Ion: 43 Resp: 1593124
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5



#60
Dibromochloromethane
Concen: 113.265 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 129 Resp: 389179
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 107.009 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

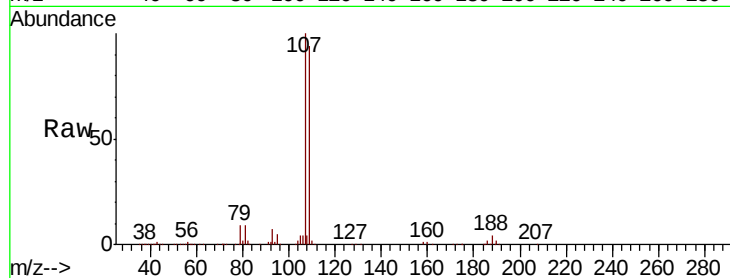
VSTDIC100

Tot Ion:107 Resp: 366012

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

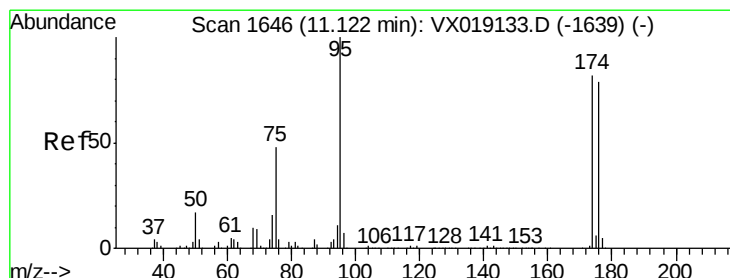
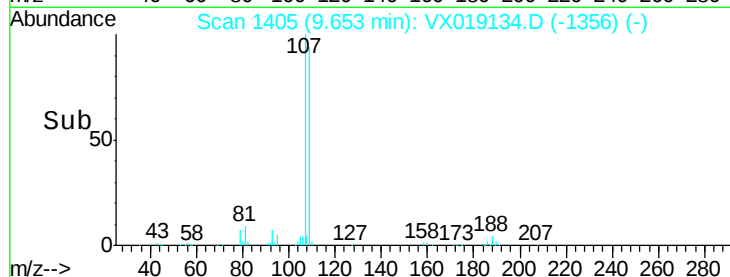
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 106.663 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

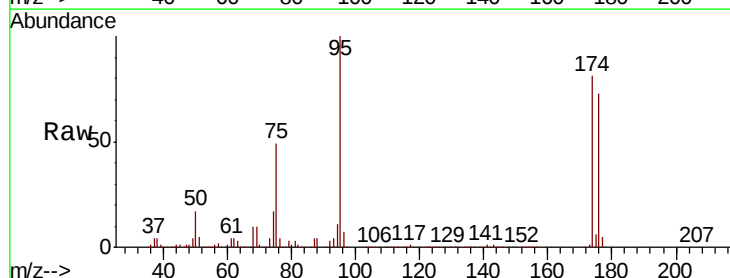
Tgt Ion: 95 Resp: 438937

Ion Ratio Lower Upper

95 100

174 78.7 0.0 156.0

176 73.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

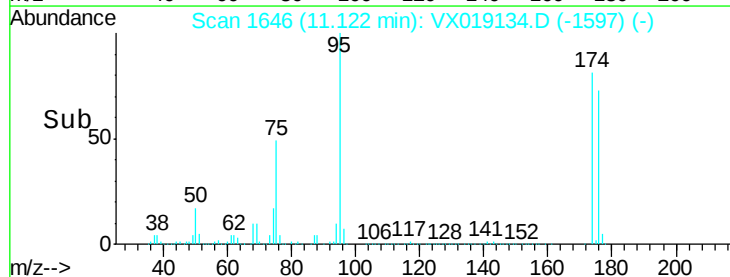
300000

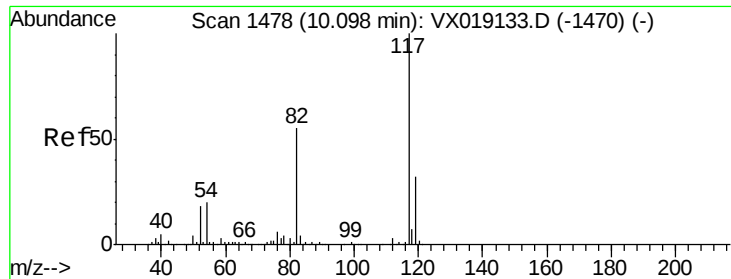
200000

100000

0

Time-->

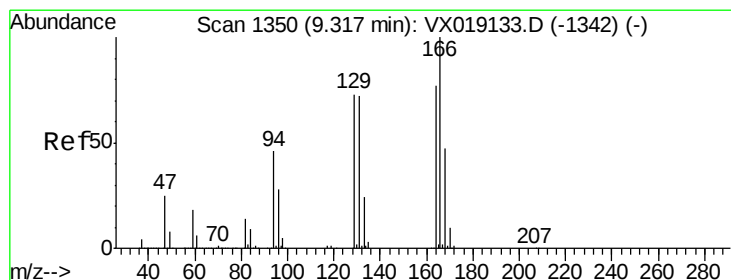
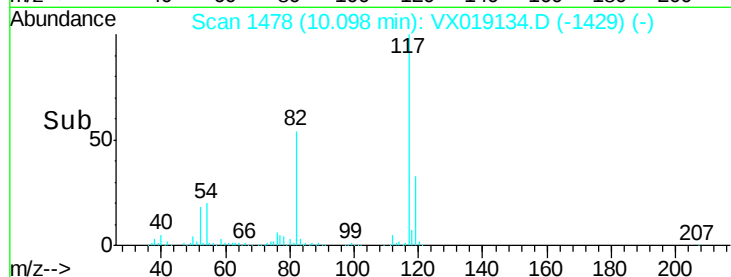
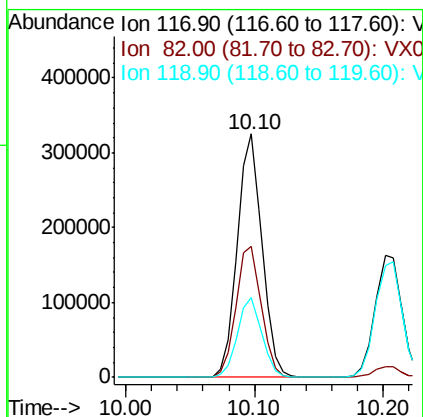
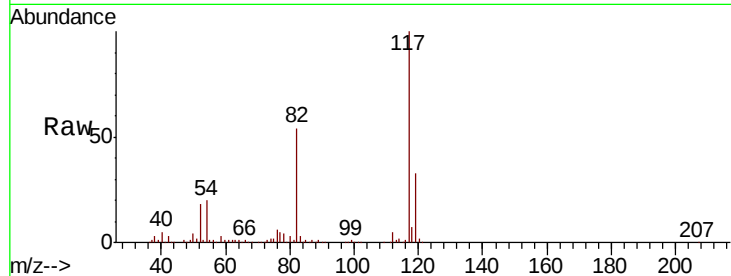




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

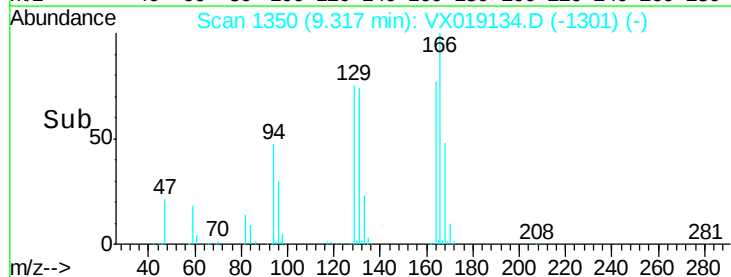
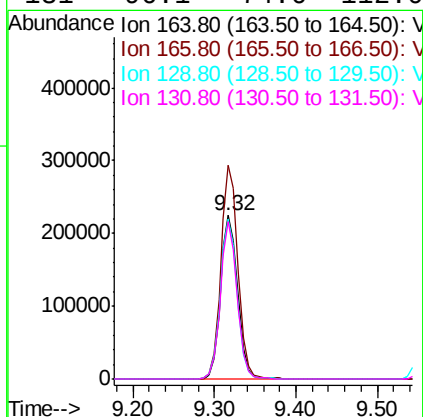
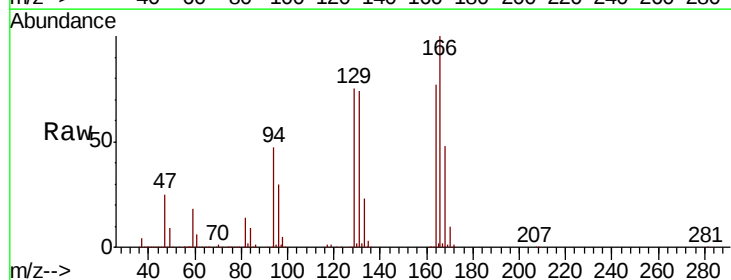
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

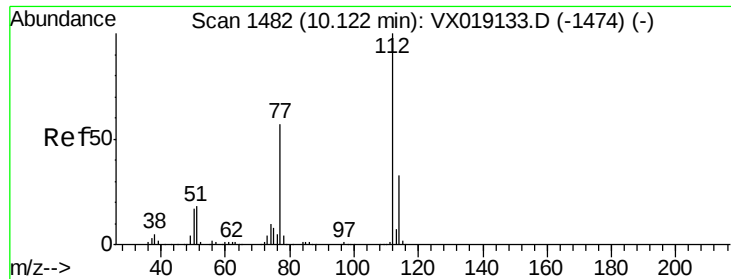
Tot Ion:117 Resp: 433948
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 99.405 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion:164 Resp: 328781
Ion Ratio Lower Upper
164 100
166 130.7 104.1 156.1
129 98.1 76.2 114.4
131 96.1 74.6 112.0

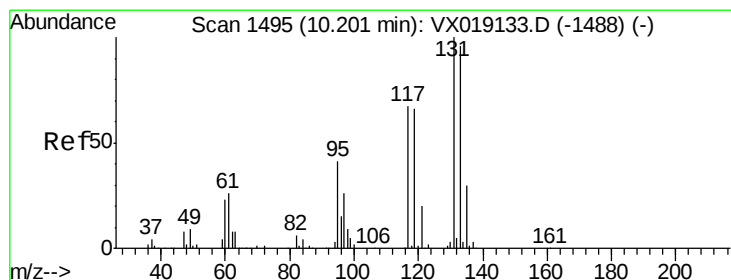
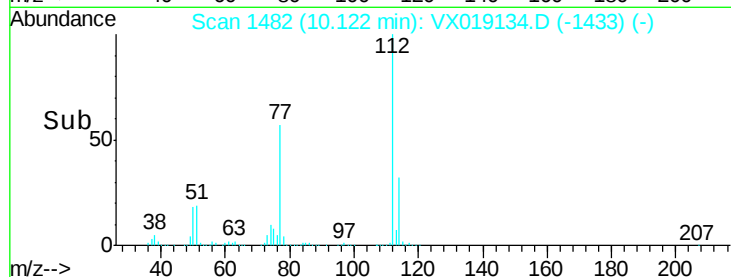
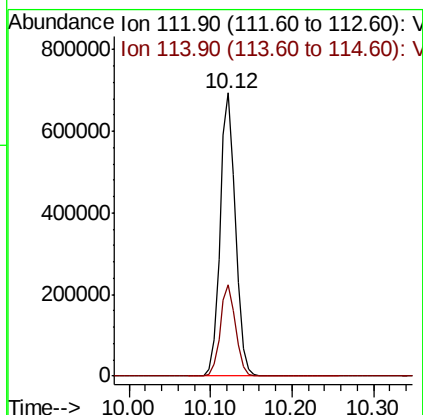
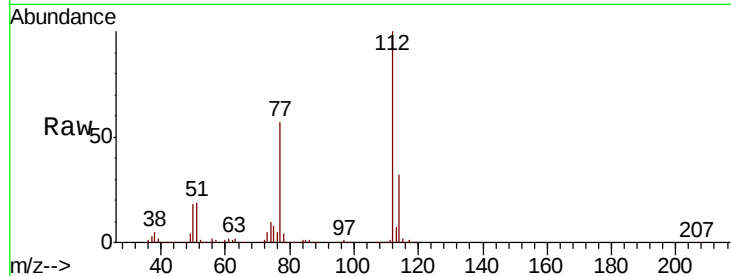




#65
Chlorobenzene
Concen: 105.688 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

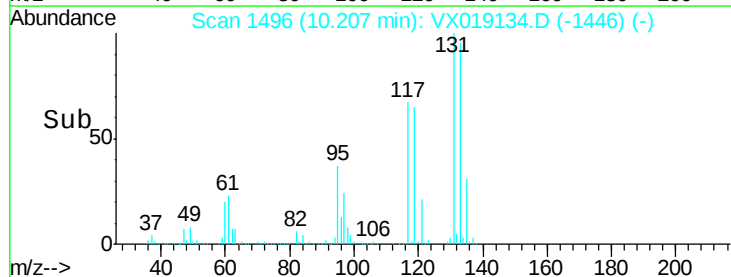
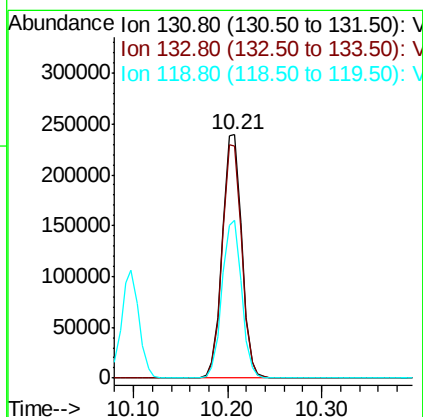
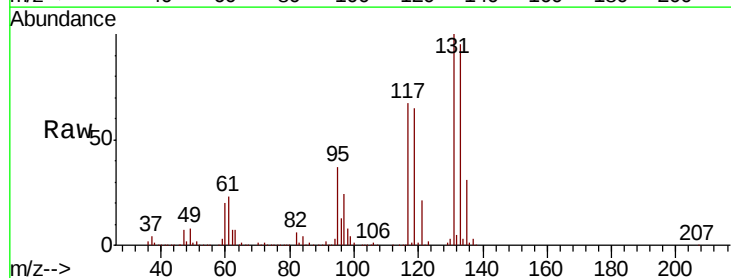
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

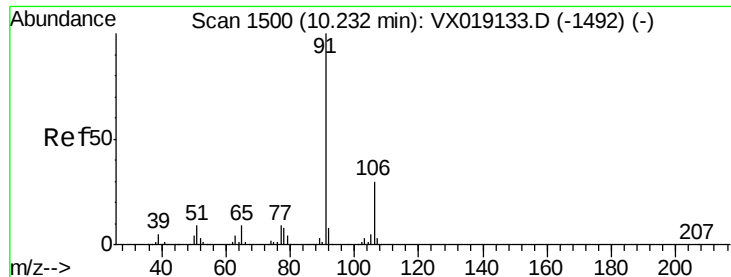
Tot Ion:112 Resp: 915824
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 110.838 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion:131 Resp: 343515
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 64.9 32.3 96.9

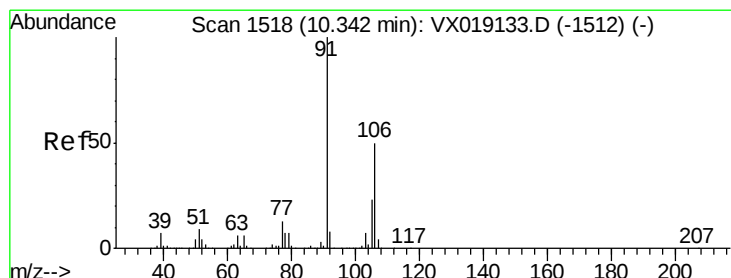
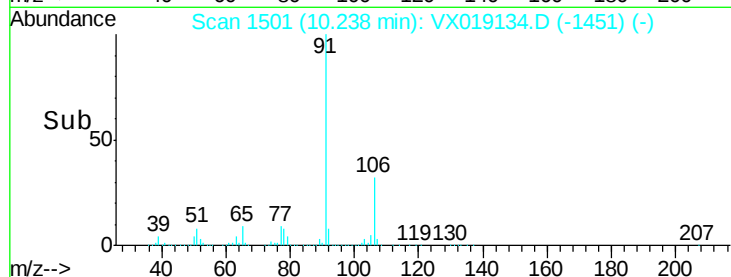
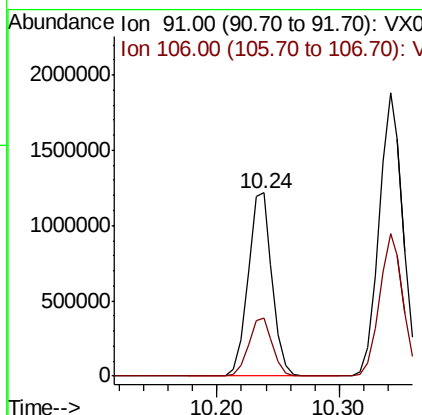
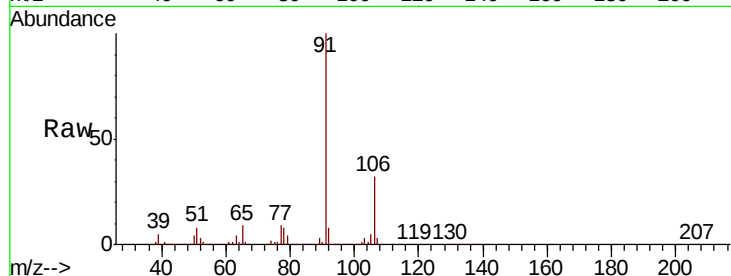




#67
Ethyl Benzene
Concen: 109.100 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

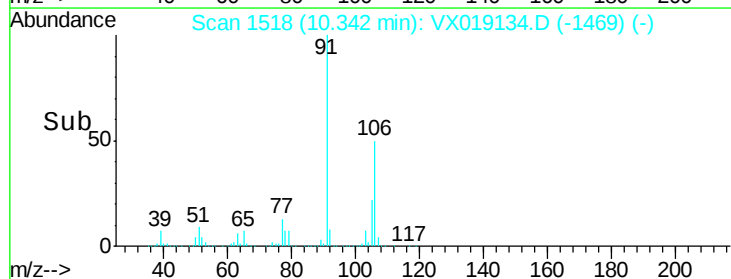
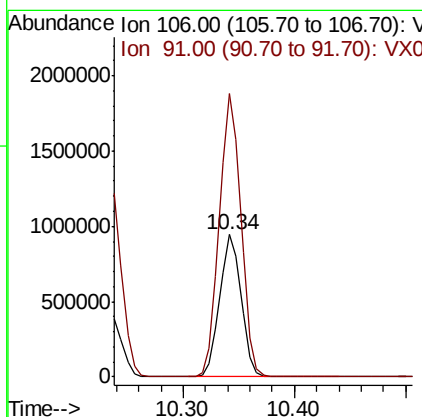
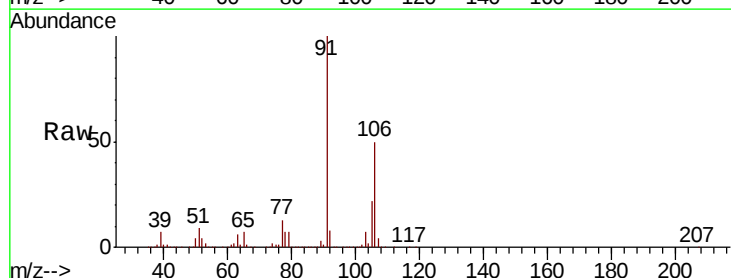
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

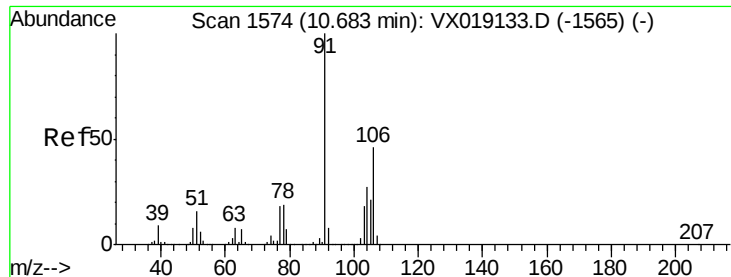
Tot Ion: 91 Resp: 1654543
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5



#68
m/p-Xylenes
Concen: 216.418 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 106 Resp: 1261334
Ion Ratio Lower Upper
106 100
91 201.0 161.0 241.4

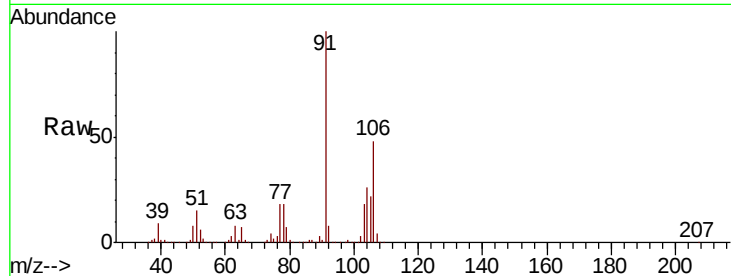




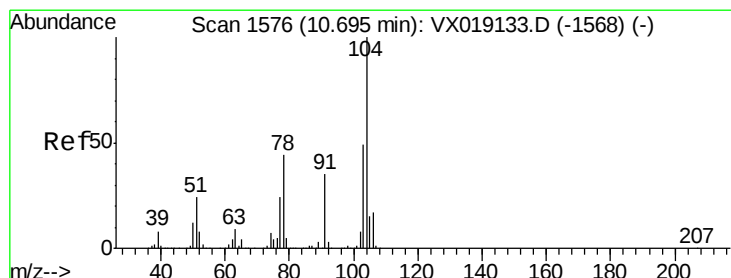
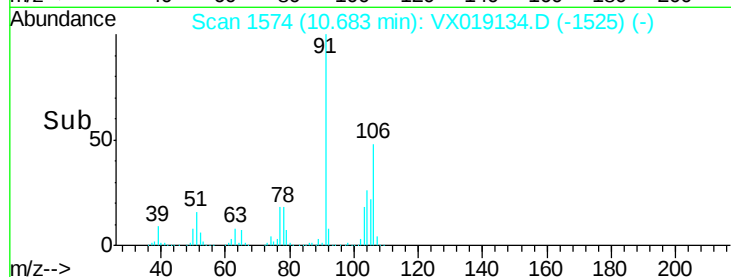
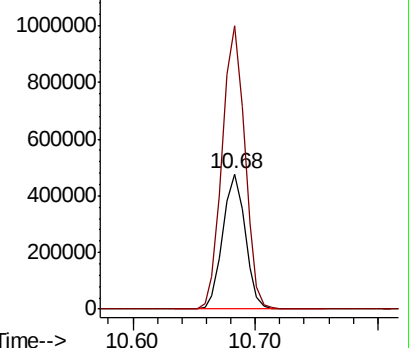
#69
o-Xylene
Concen: 108.243 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 604585
Ion Ratio Lower Upper
106 100
91 211.2 108.3 324.8

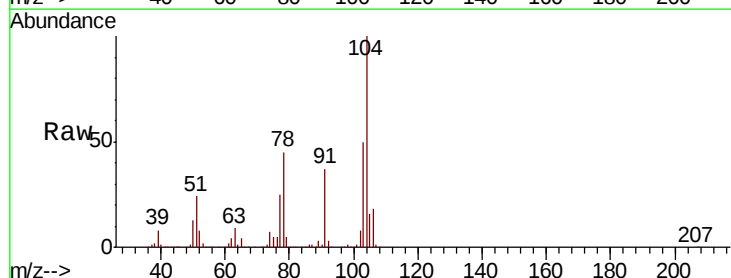


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

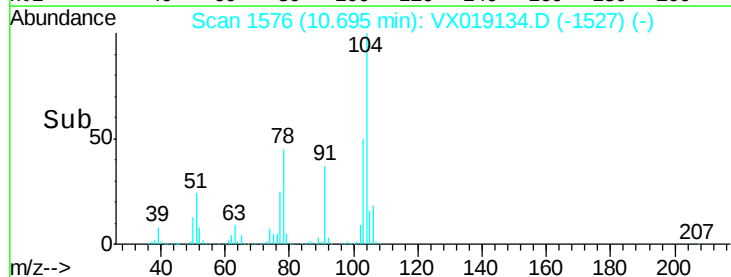
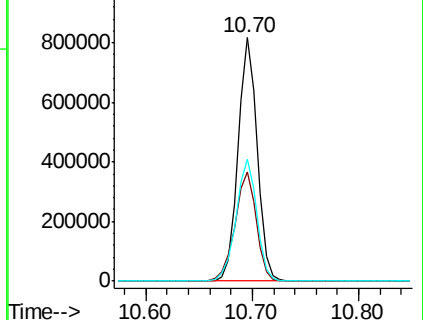


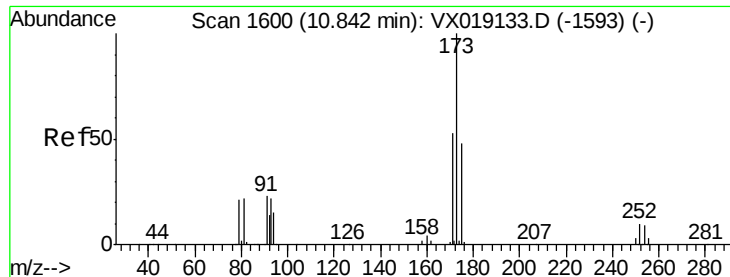
#70
Styrene
Concen: 111.001 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion:104 Resp: 1032973
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.5 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 117.789 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

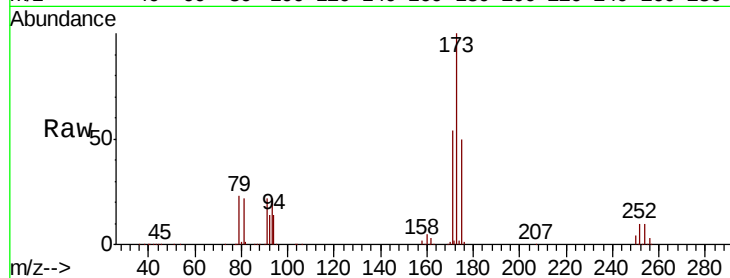
Tot Ion:173 Resp: 287512

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

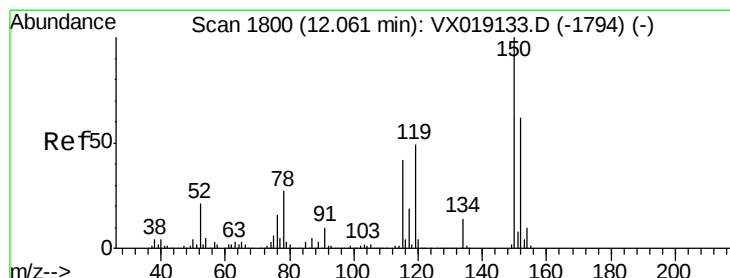
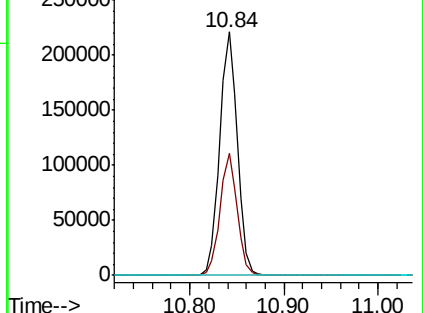
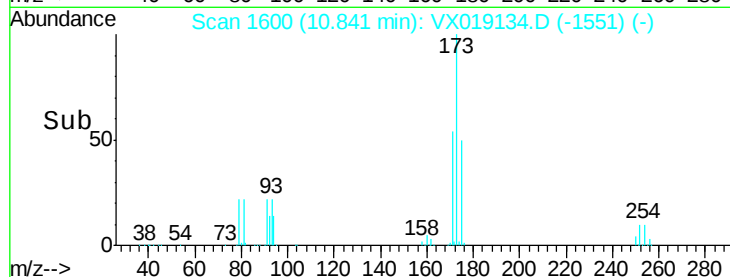
254 0.1 0.1 0.1#



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: VX019134.D

Acq: 27 Oct 2020 13:03

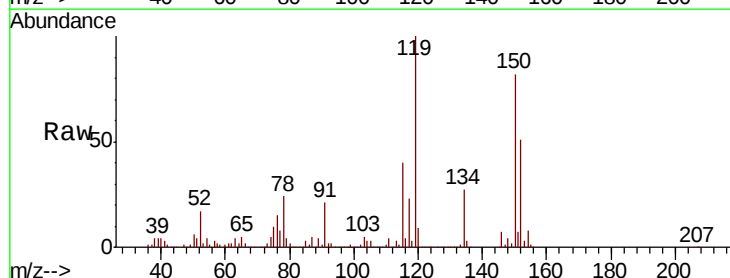
Tgt Ion:152 Resp: 216643

Ion Ratio Lower Upper

152 100

115 112.6 41.9 125.7

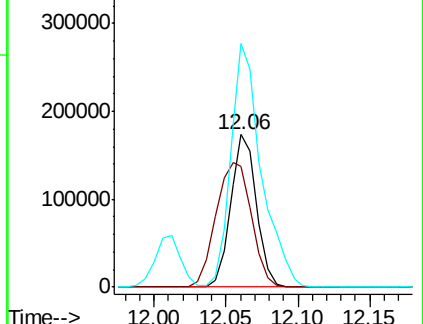
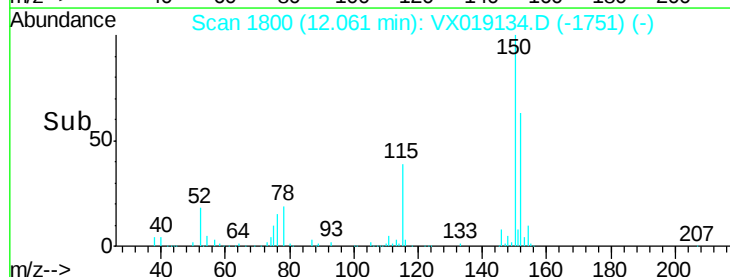
150 189.9 0.0 347.8

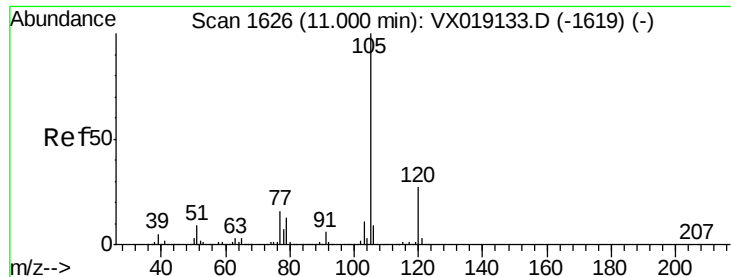


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 111.298 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

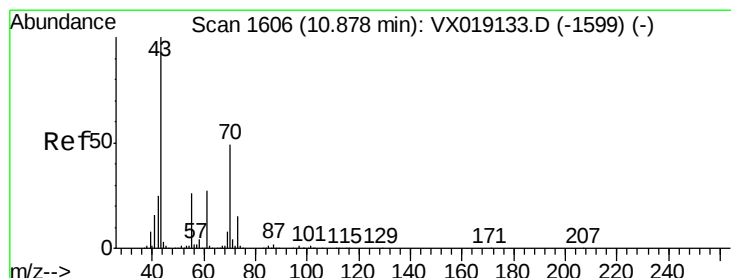
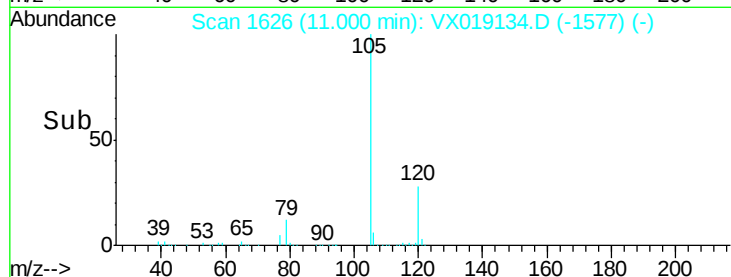
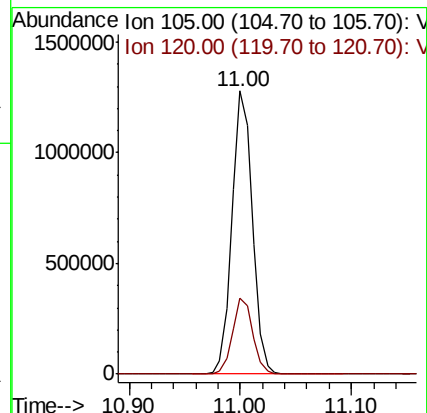
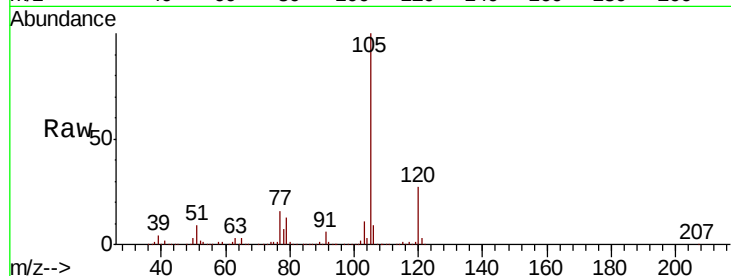
VSTDIC100

Tot Ion:105 Resp: 1620737

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 128.507 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion: 43 Resp: 606774

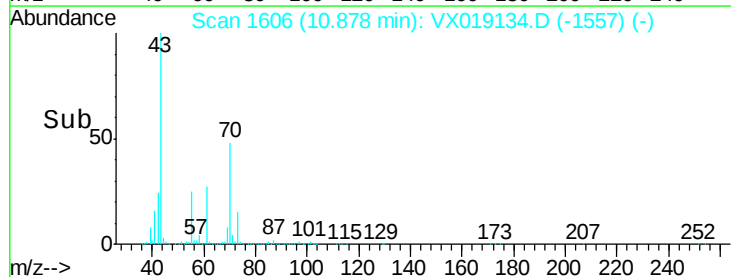
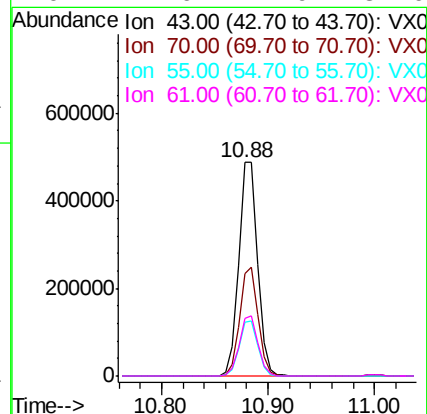
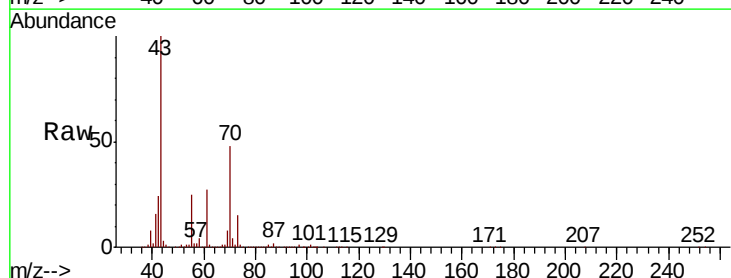
Ion Ratio Lower Upper

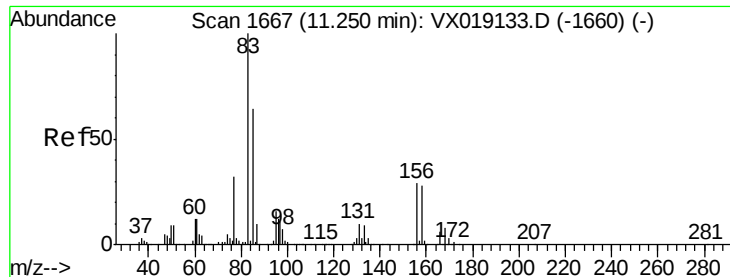
43 100

70 49.8 39.6 59.4

55 25.7 20.7 31.1

61 27.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 111.279 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

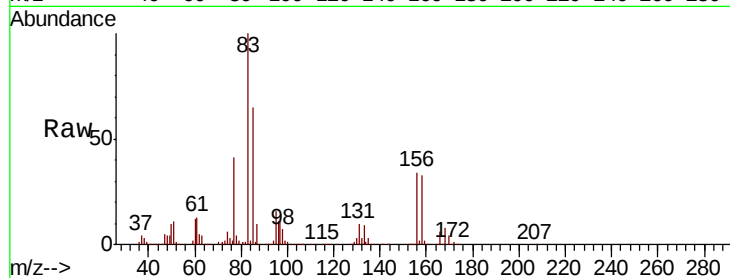
Tot Ion: 83 Resp: 506128

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

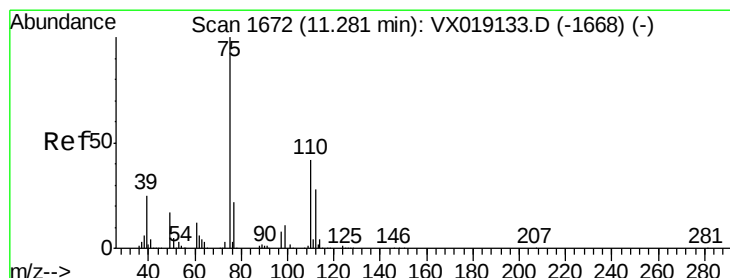
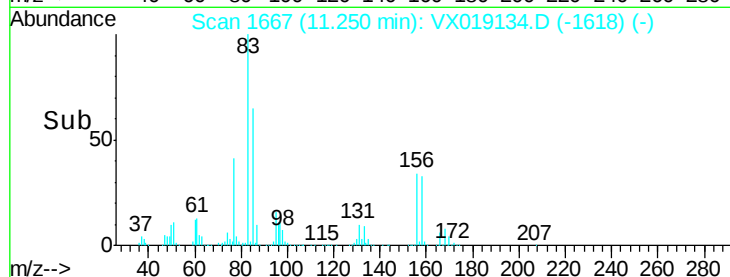
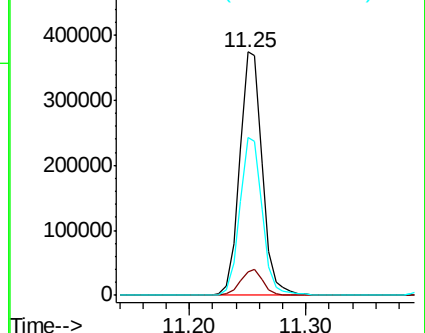
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 150.517 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019134.D

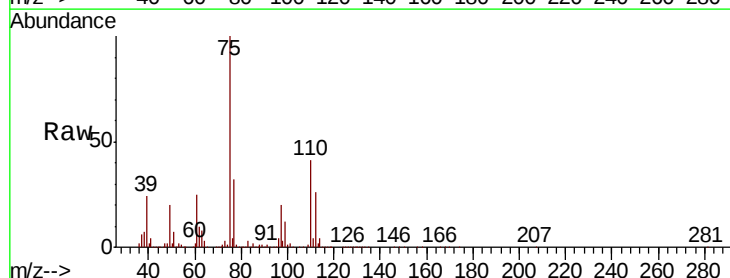
Acq: 27 Oct 2020 13:03

Tgt Ion: 75 Resp: 609399

Ion Ratio Lower Upper

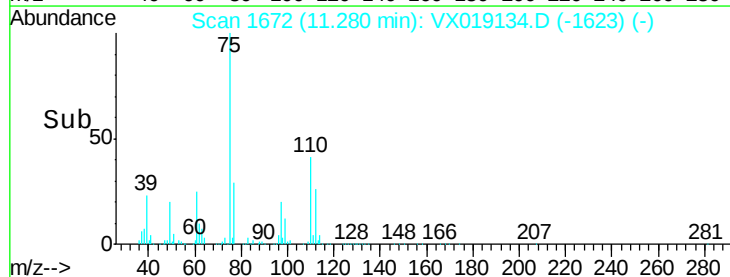
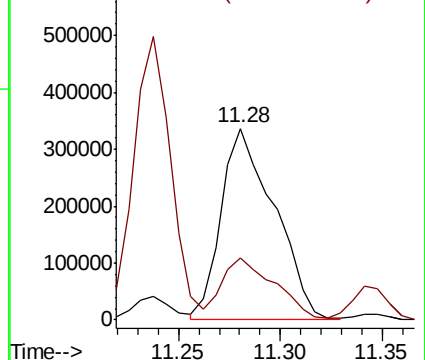
75 100

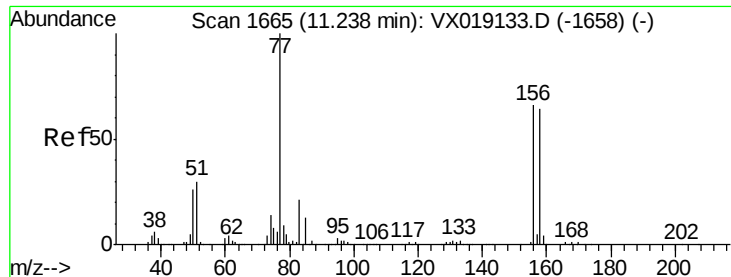
77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 108.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

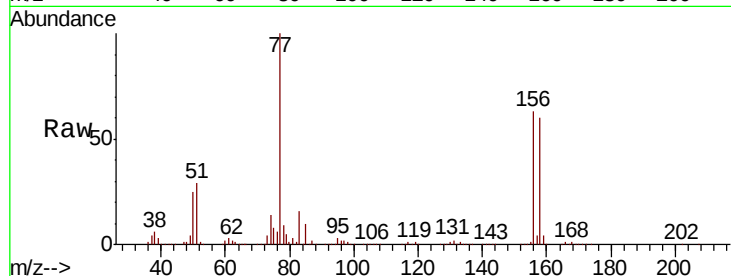
Tot Ion:156 Resp: 396147

Ion Ratio Lower Upper

156 100

77 159.8 77.7 233.1

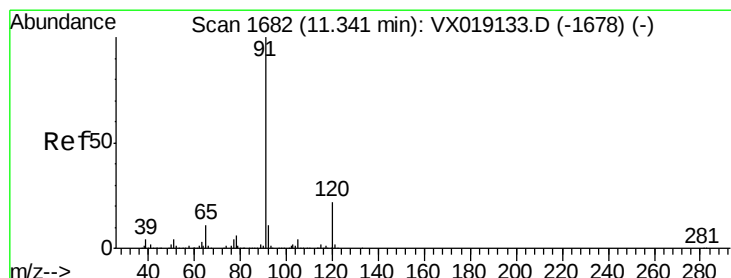
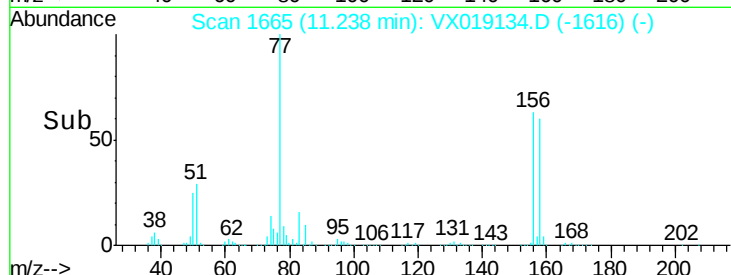
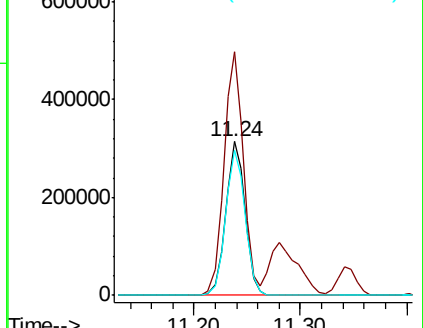
158 96.3 48.3 144.8



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: 113.063 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019134.D

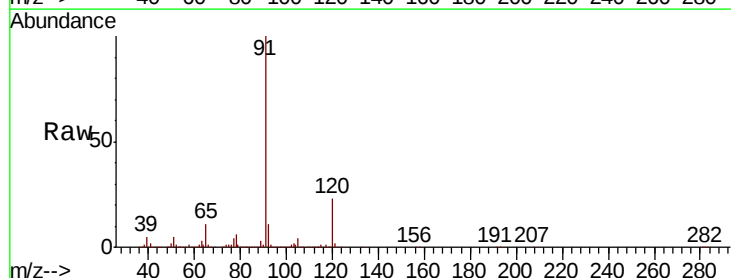
Acq: 27 Oct 2020 13:03

Tgt Ion: 91 Resp: 1847610

Ion Ratio Lower Upper

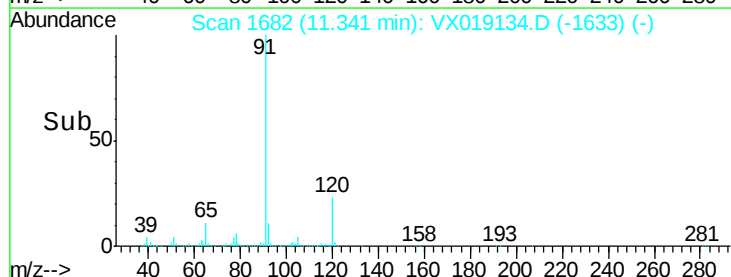
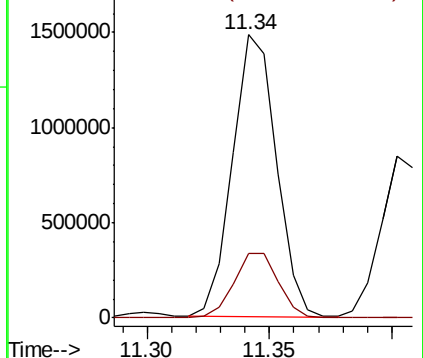
91 100

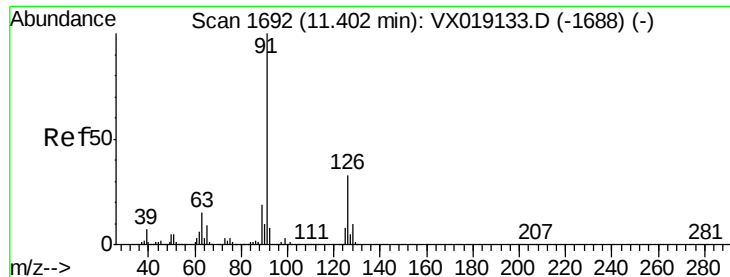
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 111.981 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

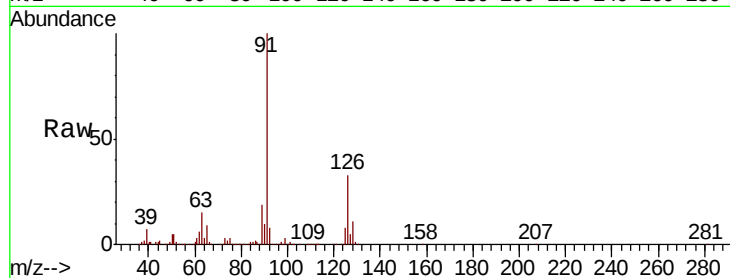
VSTDIC100

Tot Ion: 91 Resp: 1075983

Ion Ratio Lower Upper

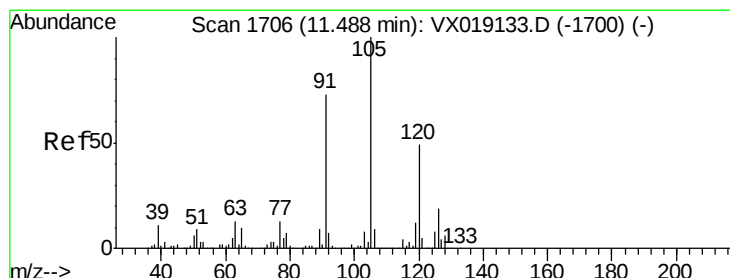
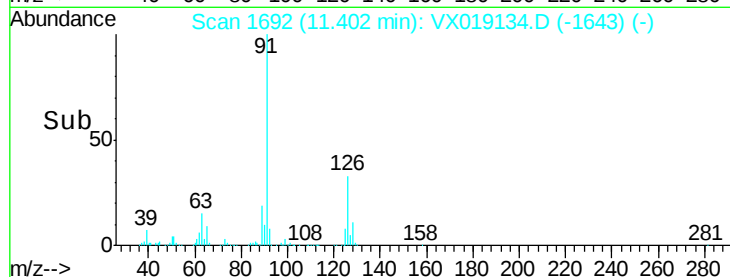
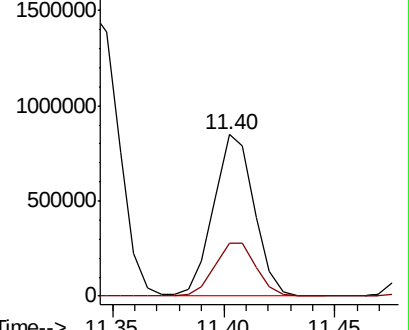
91 100

126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 113.818 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019134.D

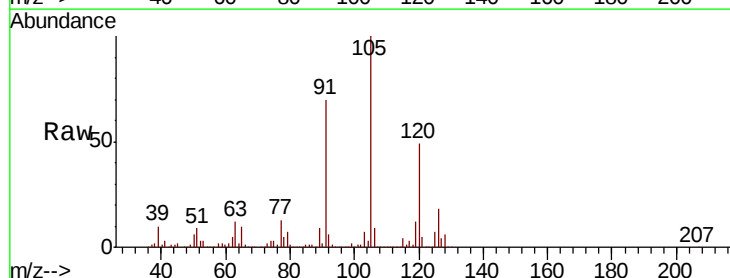
Acq: 27 Oct 2020 13:03

Tgt Ion: 105 Resp: 1367789

Ion Ratio Lower Upper

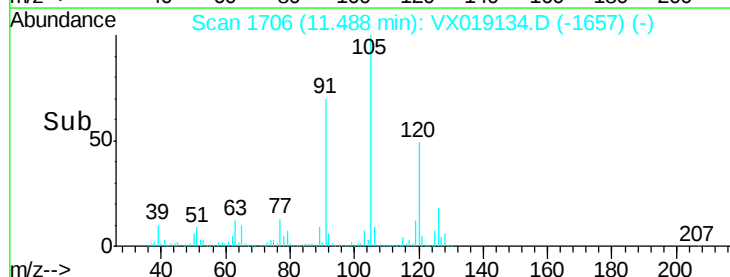
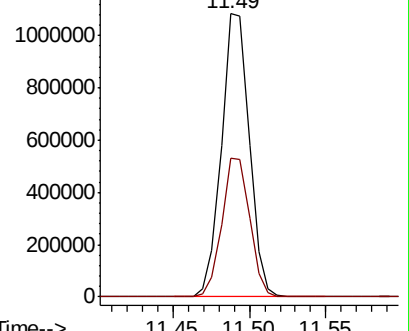
105 100

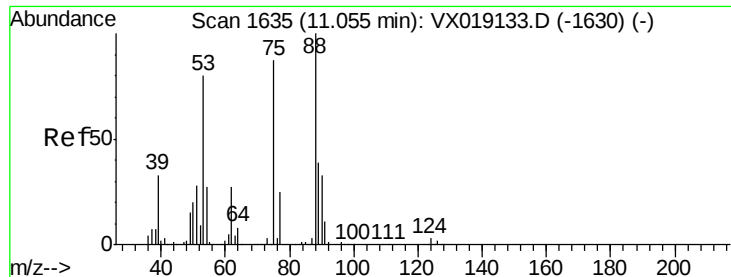
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 120.917 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

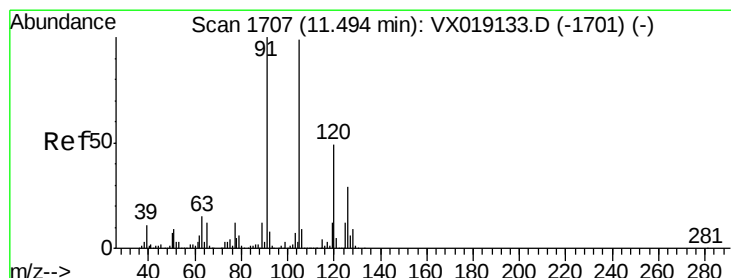
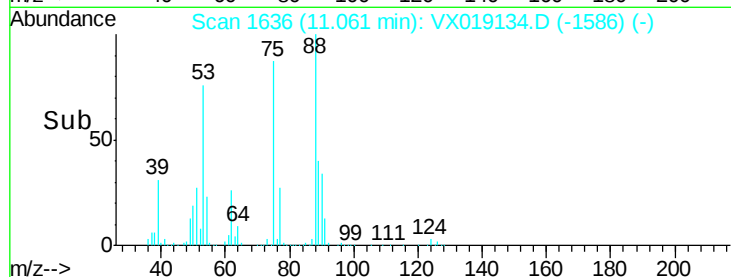
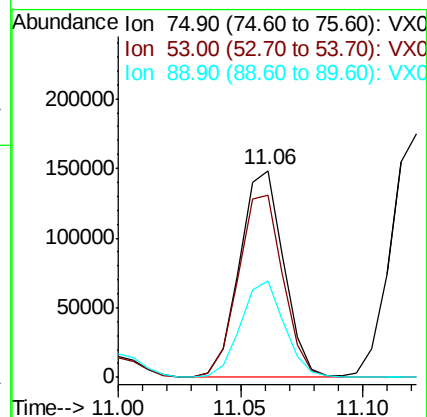
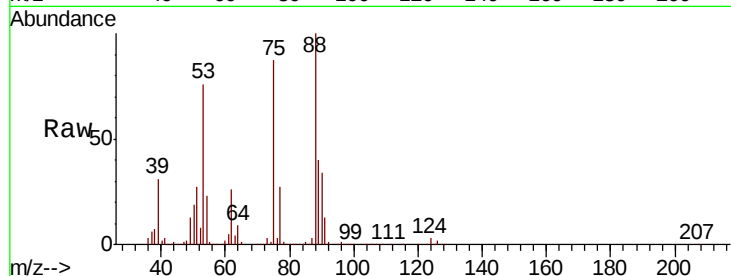
Tot Ion: 75 Resp: 185229

Ion Ratio Lower Upper

75 100

53 90.0 73.3 109.9

89 46.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 114.643 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019134.D

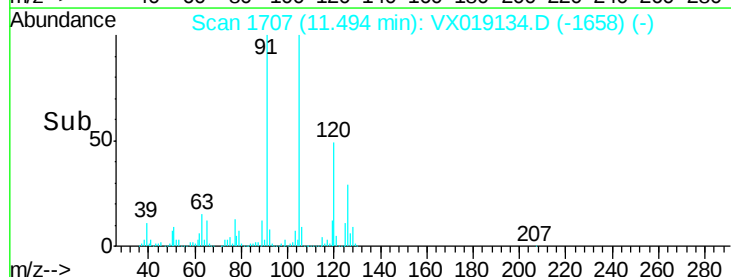
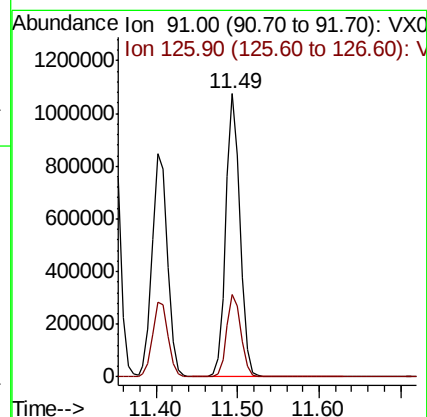
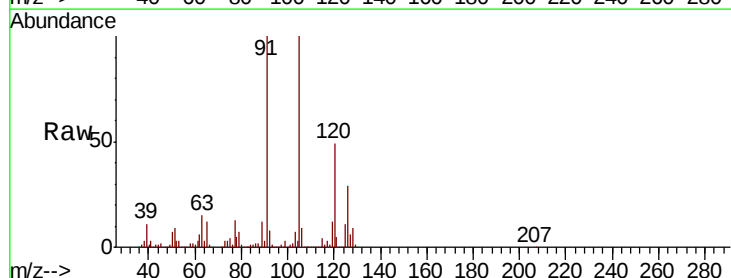
Acq: 27 Oct 2020 13:03

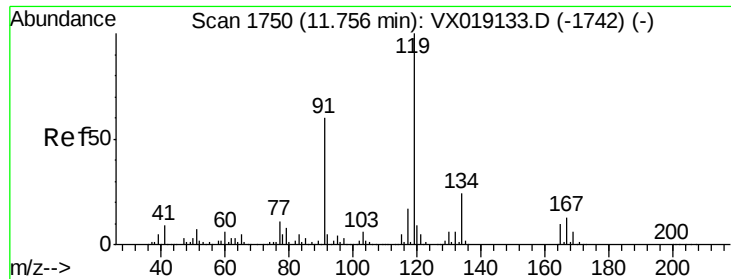
Tgt Ion: 91 Resp: 1304265

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.4

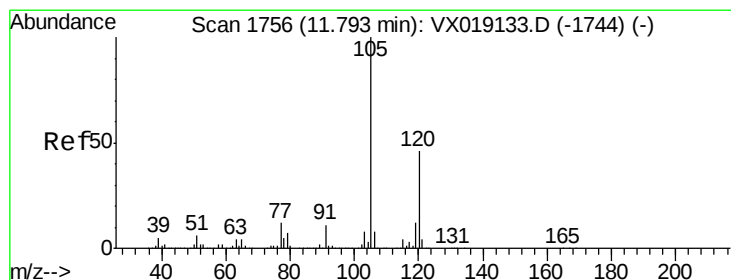
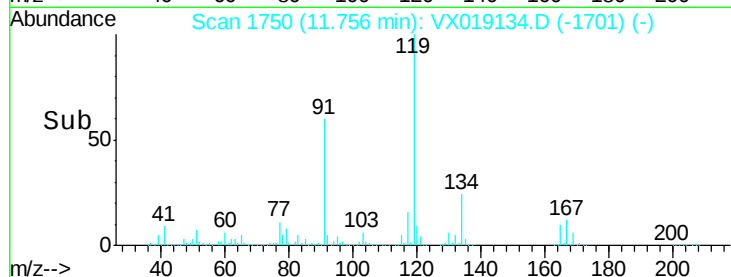
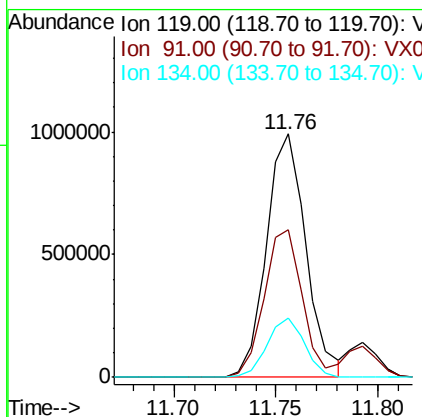
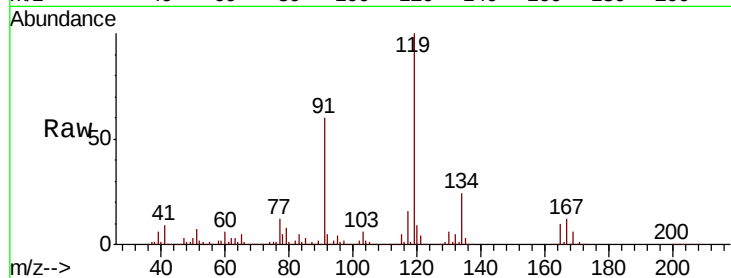




#83
 tert-Butylbenzene
 Concen: 113.847 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

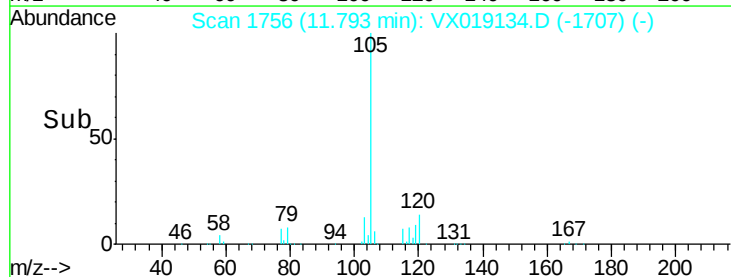
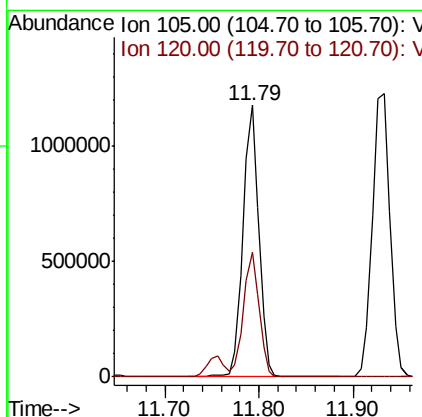
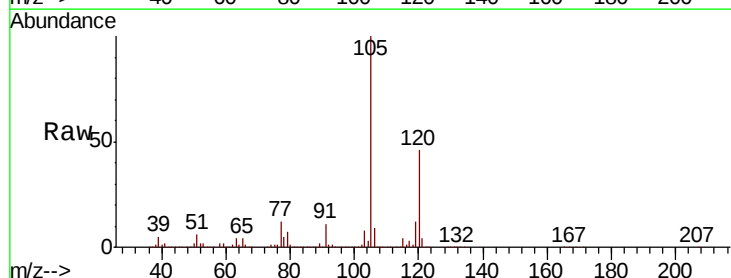
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

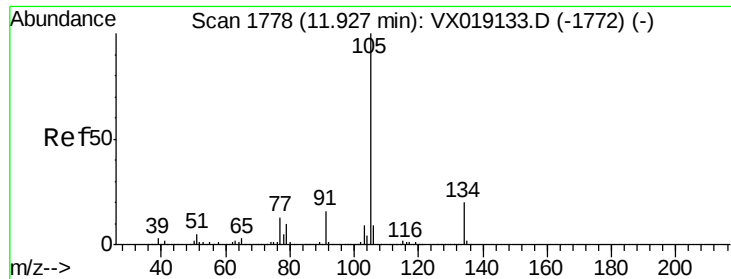
Tot Ion:119 Resp: 1336504
 Ion Ratio Lower Upper
 119 100
 91 58.0 29.0 87.1
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 113.376 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion:105 Resp: 1377760
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 113.267 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

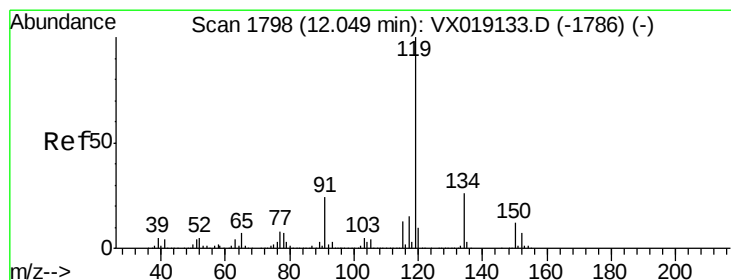
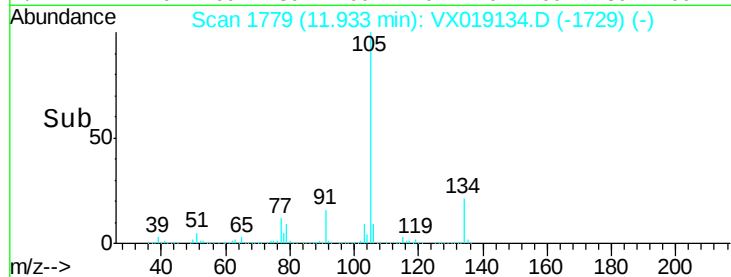
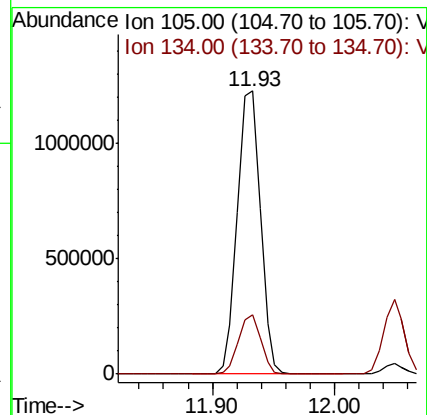
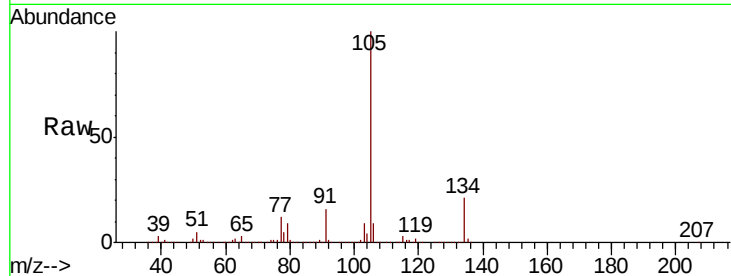
VSTDIC100

Tot Ion:105 Resp: 1596244

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 112.155 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

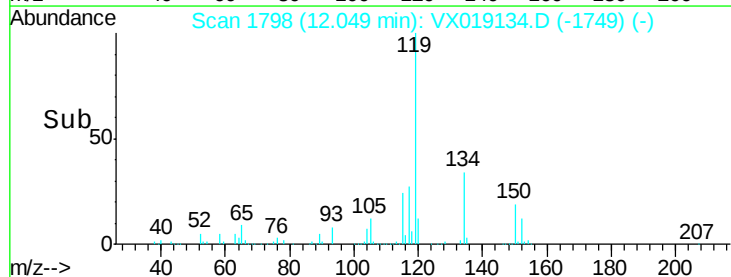
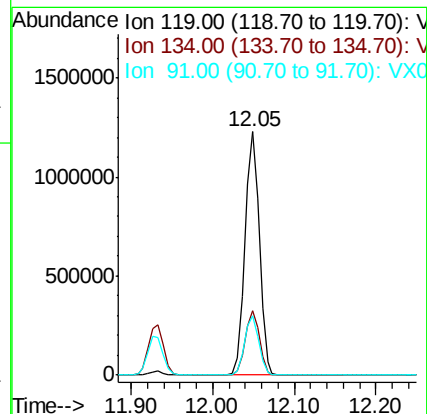
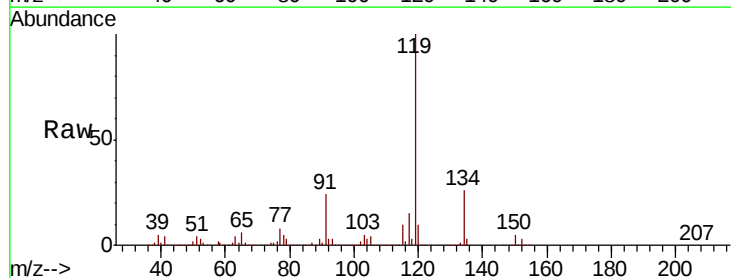
Tgt Ion:119 Resp: 1463208

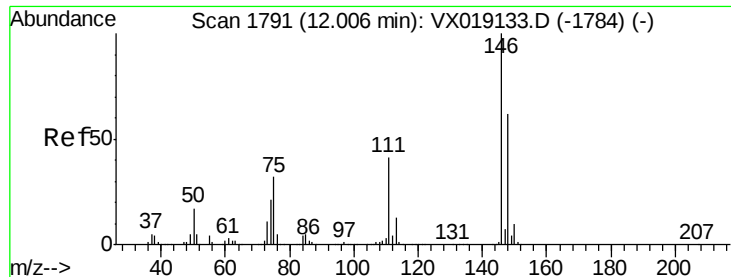
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 108.564 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

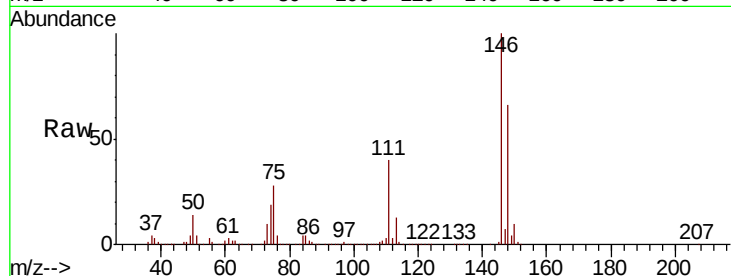
Tot Ion:146 Resp: 732630

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

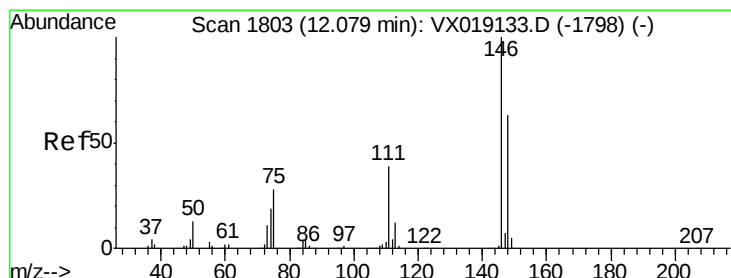
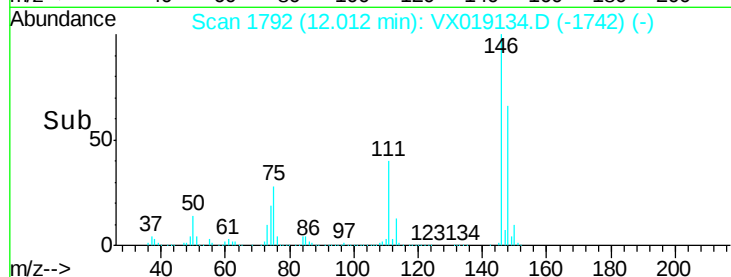
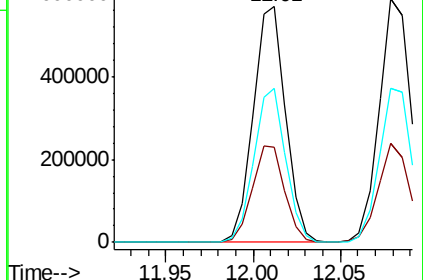
148 64.1 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 105.634 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

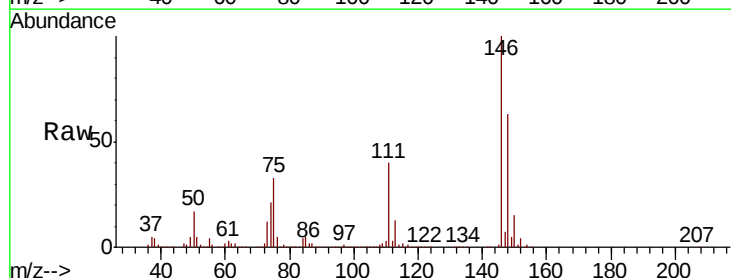
Tgt Ion:146 Resp: 742811

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

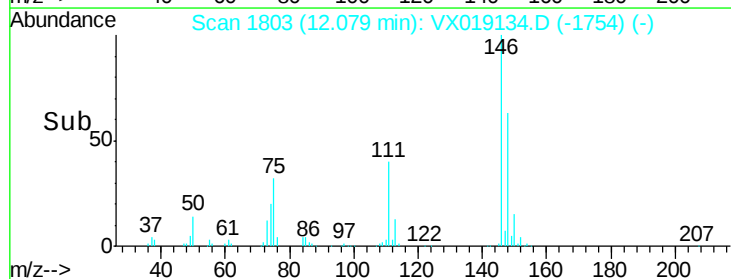
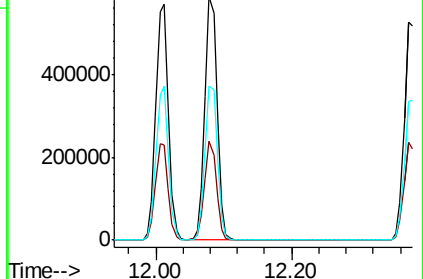
148 64.1 31.3 93.8

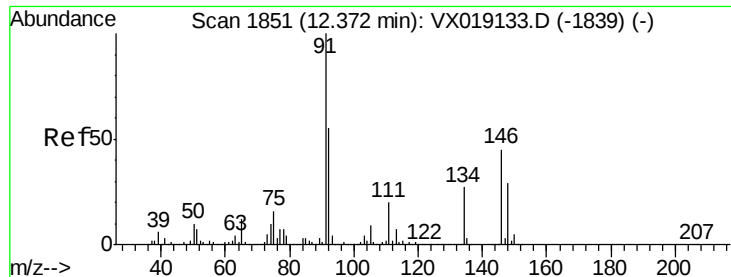


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 116.101 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

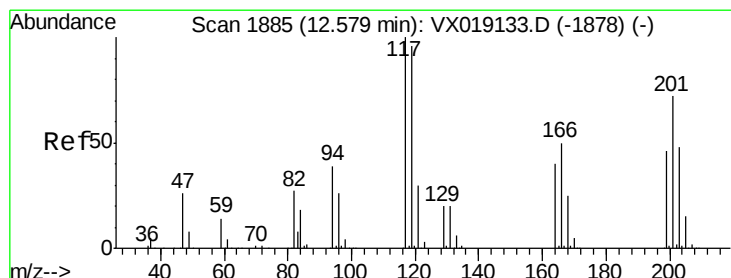
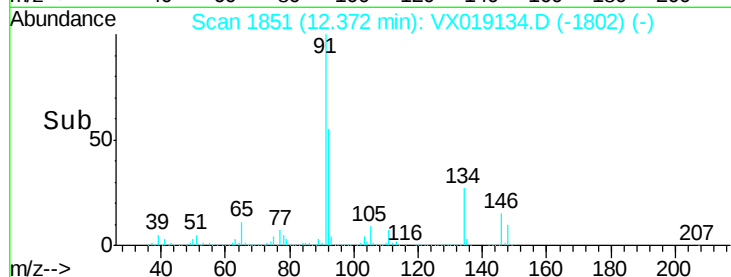
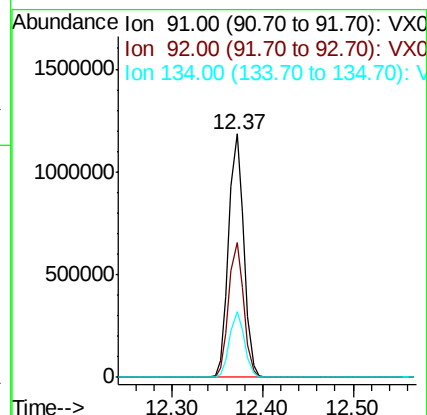
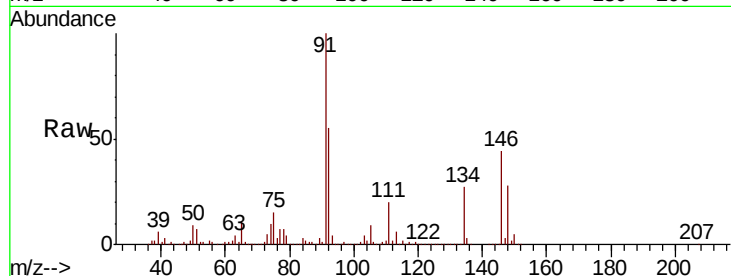
Tot Ion: 91 Resp: 1380794

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.4

134 26.3 13.2 39.6



#90

Hexachloroethane

Concen: 122.493 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019134.D

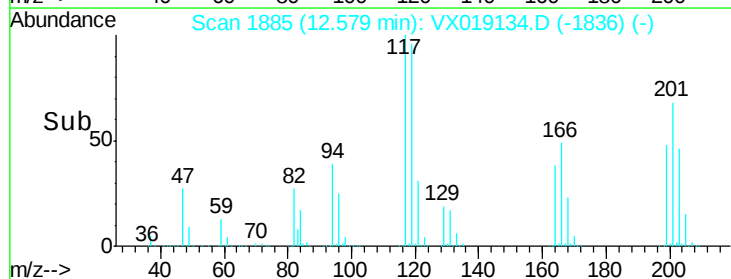
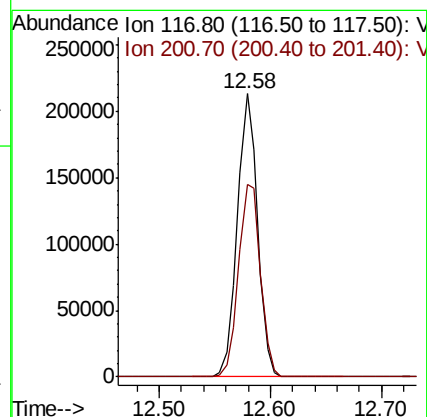
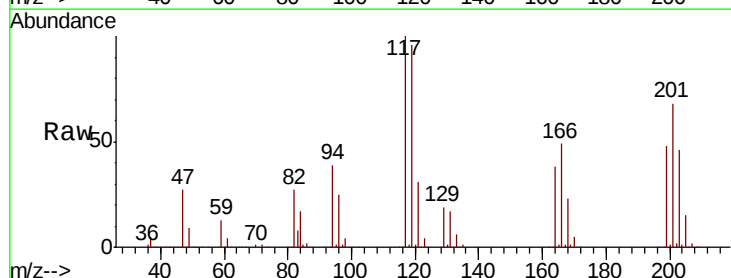
Acq: 27 Oct 2020 13:03

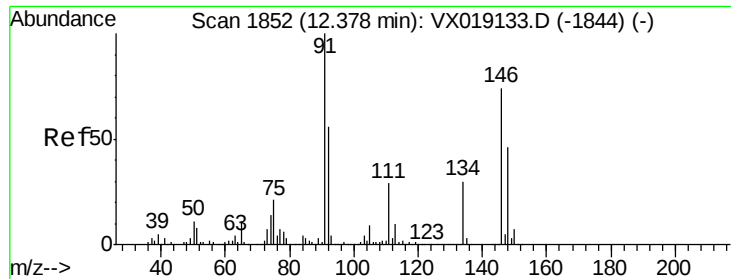
Tgt Ion: 117 Resp: 267355

Ion Ratio Lower Upper

117 100

201 73.8 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 105.458 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

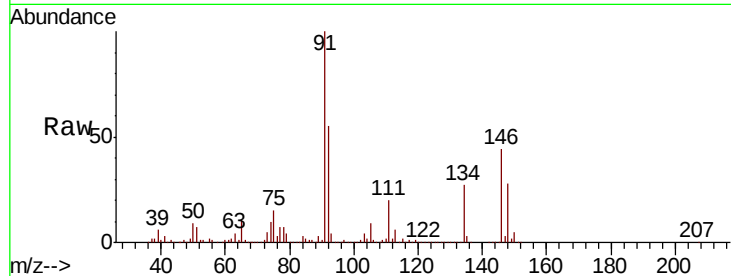
Tot Ion:146 Resp: 696942

Ion Ratio Lower Upper

146 100

111 43.4 21.2 63.6

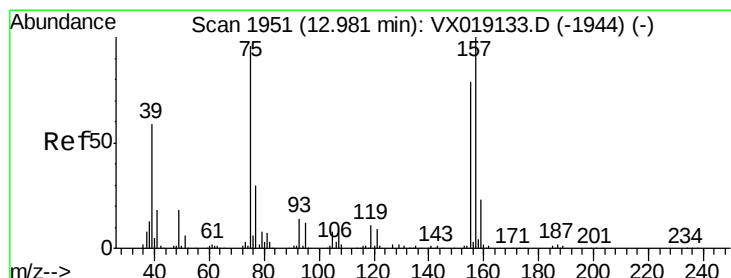
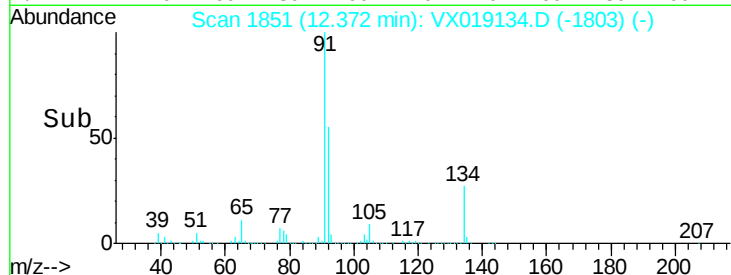
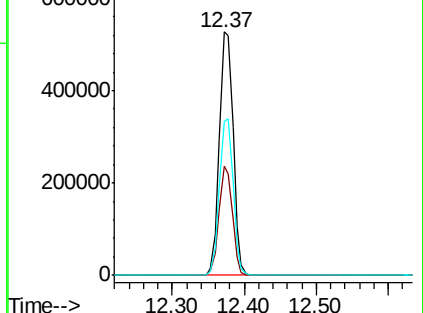
148 64.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 127.999 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

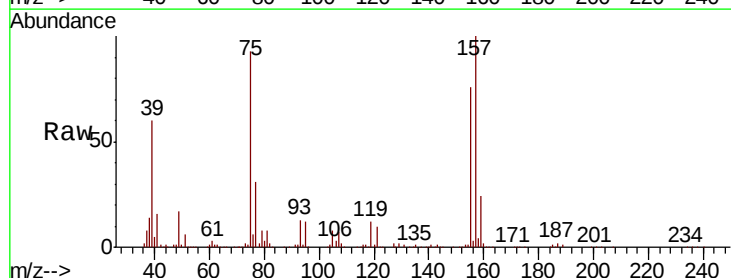
Tgt Ion: 75 Resp: 128566

Ion Ratio Lower Upper

75 100

155 86.3 42.8 128.4

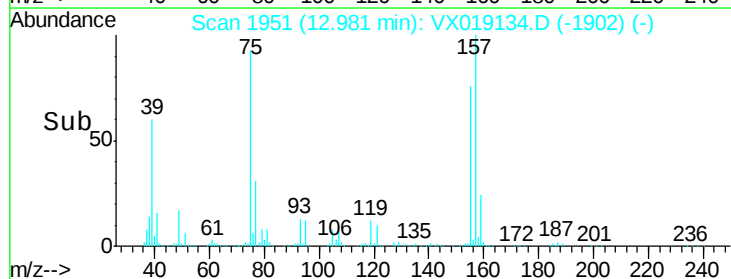
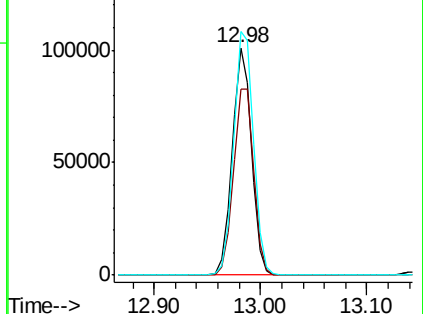
157 110.3 54.8 164.4

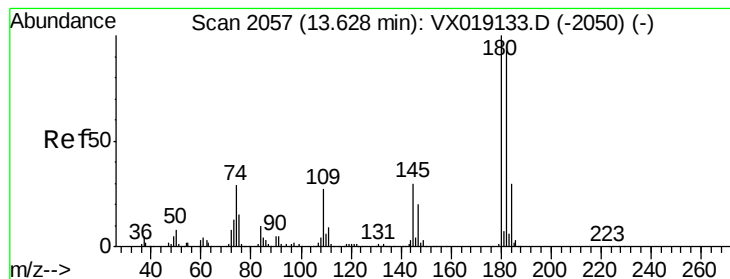


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 114.071 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

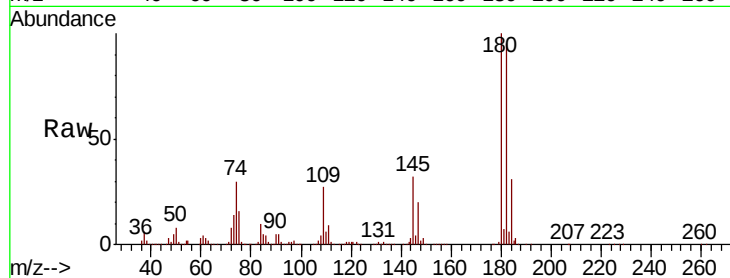
Tot Ion:180 Resp: 525478

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.3

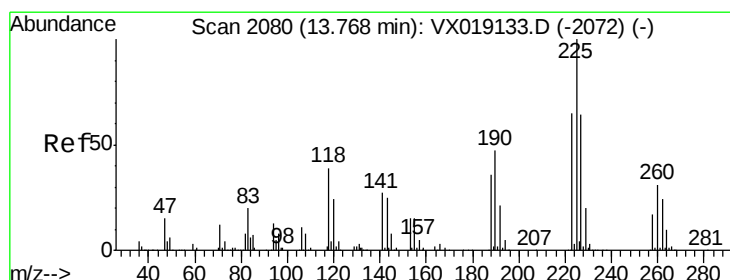
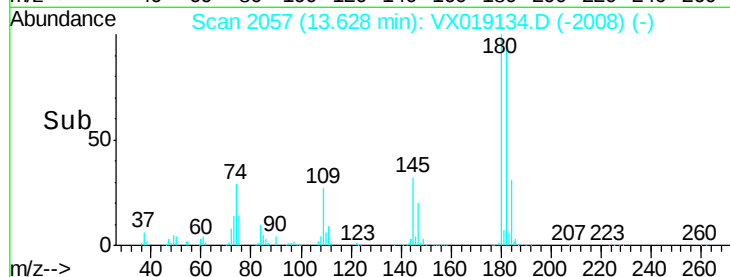
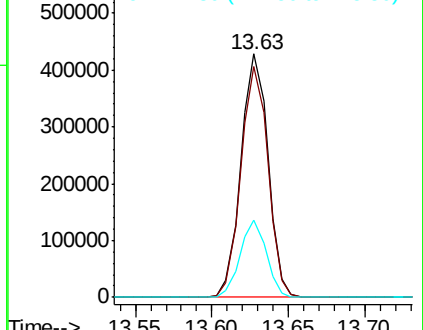
145 30.9 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 108.219 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

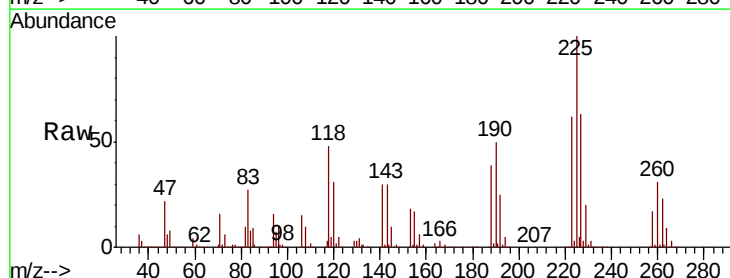
Tgt Ion:225 Resp: 221484

Ion Ratio Lower Upper

225 100

223 64.2 32.4 97.2

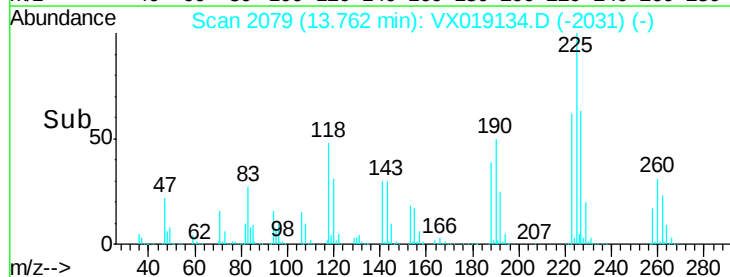
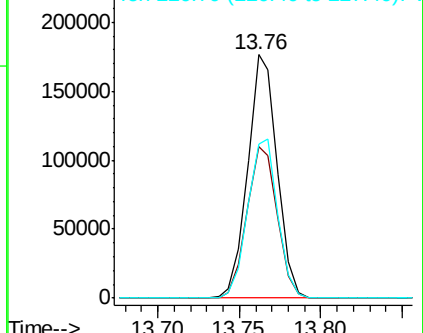
227 66.6 31.6 94.7

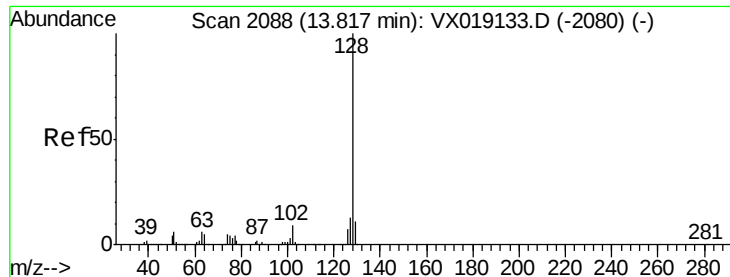


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

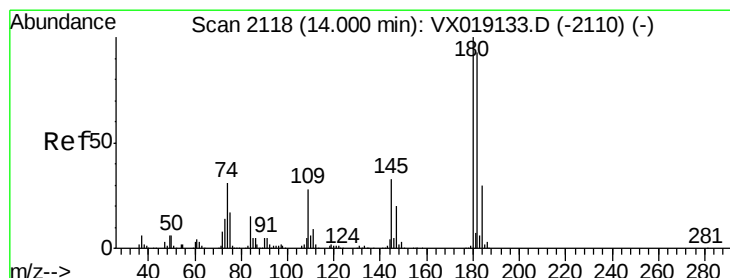
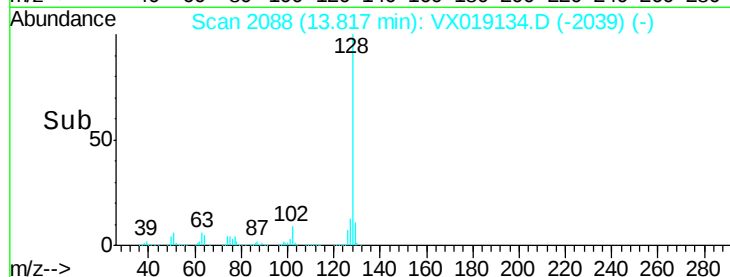
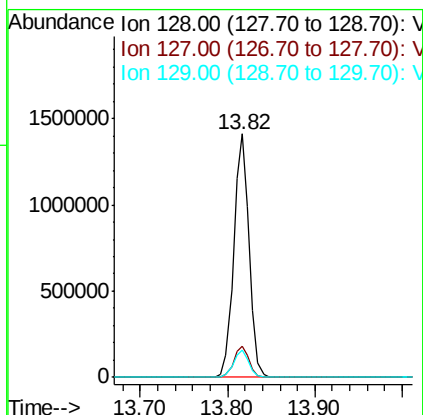
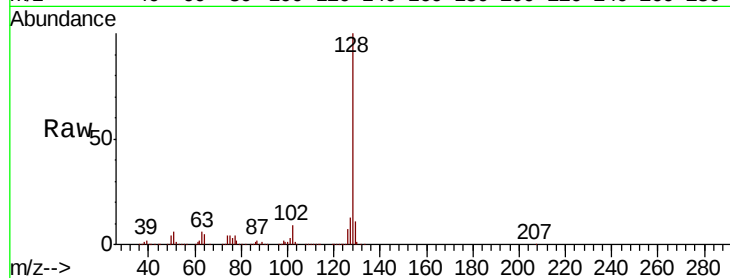




#95
Naphthalene
Concen: 118.828 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1723820
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 113.106 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion:180 Resp: 511177
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 33.6 16.5 49.5

