

Data File : VX019128.D
Acq On : 26 Oct 2020 19:16
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 27 05:29:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 26 19:43:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	167377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	256593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294216	147.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.34%	
35) Dibromofluoromethane	5.46	113	265483	157.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.30%	
50) Toluene-d8	8.70	98	1026322	157.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.50%	
62) 4-Bromofluorobenzene	11.12	95	386684	167.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	199779	150.685	ug/l	99
3) Chloromethane	1.31	50	202673	143.216	ug/l	98
4) Vinyl Chloride	1.39	62	260825	145.494	ug/l	100
5) Bromomethane	1.62	94	108603	95.640	ug/l	99
6) Chloroethane	1.70	64	181834	149.183	ug/l	99
7) Trichlorofluoromethane	1.91	101	466202	151.207	ug/l	99
8) Diethyl Ether	2.17	74	180758	148.680	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	230134	149.103	ug/l	100
10) Methyl Iodide	2.49	142	301601	149.181	ug/l	98
11) Tert butyl alcohol	3.04	59	297775	731.860	ug/l	100
12) 1,1-Dichloroethene	2.35	96	239267	153.031	ug/l	100
13) Acrolein	2.27	56	135026	751.956	ug/l	98
14) Allyl chloride	2.70	41	301596	150.071	ug/l	99
15) Acrylonitrile	3.12	53	616717	759.900	ug/l	100
16) Acetone	2.42	43	461906	716.889	ug/l	99
17) Carbon Disulfide	2.54	76	664640	153.722	ug/l	100
18) Methyl Acetate	2.75	43	227621	143.641	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	820195	153.042	ug/l	99
20) Methylene Chloride	2.83	84	271282	144.156	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	279998	151.766	ug/l	96
22) Diisopropyl ether	3.82	45	660502	153.819	ug/l	99
23) Vinyl Acetate	3.78	43	2941768	781.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	434903	152.991	ug/l	99
25) 2-Butanone	4.64	43	764877	743.376	ug/l	99
26) 2,2-Dichloropropane	4.54	77	403286	150.765	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	315849	152.568	ug/l	98
28) Bromochloromethane	4.98	49	192191	156.379	ug/l	97
29) Tetrahydrofuran	5.09	42	498004	761.338	ug/l	100
30) Chloroform	5.18	83	485864	153.302	ug/l	98
31) Cyclohexane	5.55	56	368475	148.676	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	443720	157.077	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365155	153.358	ug/l	99
37) Ethyl Acetate	4.79	43	305898	148.817	ug/l	99
38) Carbon Tetrachloride	5.76	117	390475	159.369	ug/l	94

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	459118	156.854	ug/l	98
40) Benzene	6.11	78	1078968	153.905	ug/l	100
41) Methacrylonitrile	5.01	41	161436	152.949	ug/l	99
42) 1,2-Dichloroethane	6.16	62	362283	153.358	ug/l	100
43) Isopropyl Acetate	6.41	43	518728	154.232	ug/l	99
44) Trichloroethene	7.18	130	312478	154.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	254302	155.361	ug/l	99
46) Dibromomethane	7.63	93	194729	156.858	ug/l	99
47) Bromodichloromethane	7.87	83	391817	162.402	ug/l	99
48) Methyl methacrylate	7.74	41	247994	157.606	ug/l	100
49) 1,4-Dioxane	7.72	88	135591	3205.633	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1568753	798.099	ug/l	99
52) Toluene	8.77	92	724031	159.179	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	444910	166.936	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	463230	162.863	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289593	159.966	ug/l	99
56) Ethyl methacrylate	9.16	69	433923	167.849	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459258	155.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1086086	777.262	ug/l	100
59) 2-Hexanone	9.48	43	1209196	810.219	ug/l	100
60) Dibromochloromethane	9.57	129	336032	150.723	ug/l	99
61) 1,2-Dibromoethane	9.65	107	312884	162.492	ug/l	100
64) Tetrachloroethene	9.32	164	281369	142.854	ug/l	96
65) Chlorobenzene	10.12	112	800410	156.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	293843	160.442	ug/l	99
67) Ethyl Benzene	10.24	91	1373840	153.442	ug/l	98
68) m/p-Xylenes	10.34	106	1092633	316.036	ug/l	99
69) o-Xylene	10.68	106	535819	161.725	ug/l	96
70) Styrene	10.70	104	926846	167.824	ug/l	99
71) Bromoform	10.84	173	264171	151.019	ug/l #	99
73) Isopropylbenzene	11.00	105	1429221	150.998	ug/l	100
74) N-amyl acetate	10.88	43	468554	157.649	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	443506	149.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	522956	189.984	ug/l	86
77) Bromobenzene	11.24	156	374212	157.495	ug/l	98
78) n-propylbenzene	11.35	91	1611668	151.941	ug/l	99
79) 2-Chlorotoluene	11.41	91	933642	150.248	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1212612	155.717	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	160082	167.094	ug/l	98
82) 4-Chlorotoluene	11.49	91	1133980	154.157	ug/l	98
83) tert-Butylbenzene	11.76	119	1184105	155.189	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1232391	156.261	ug/l	98
85) sec-Butylbenzene	11.93	105	1424098	155.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	1361666	160.595	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	693714	157.009	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	692944	150.461	ug/l	99
89) n-Butylbenzene	12.37	91	1227080	158.400	ug/l	99
90) Hexachloroethane	12.58	117	244904	173.057	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	656769	152.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99204	155.488	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102620\
Quantitation Report (Not Reviewed)

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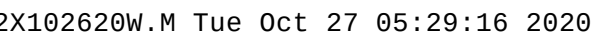
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

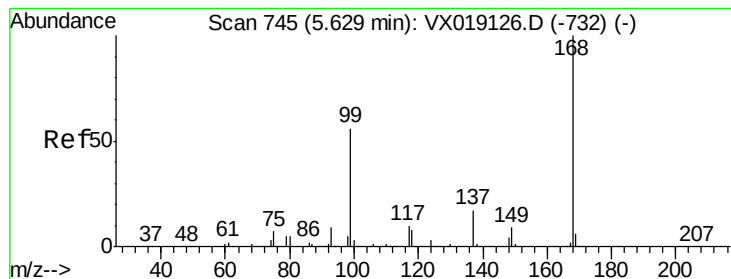
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	475509	158.766	ug/l	100
94) Hexachlorobutadiene	13.76	225	205777	153.992	ug/l	98
95) Naphthalene	13.82	128	1511794	159.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	468779	159.417	ug/l	97

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

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Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

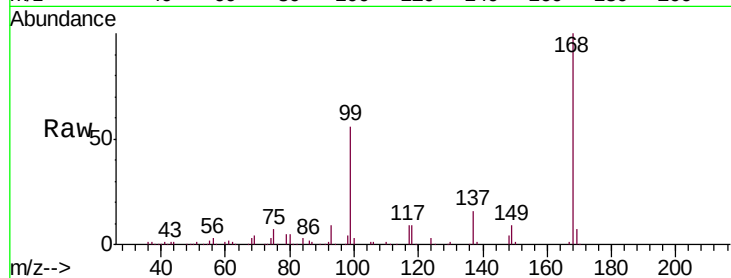
VSTDIC150

Tgt Ion:168 Resp: 167377

Ion Ratio Lower Upper

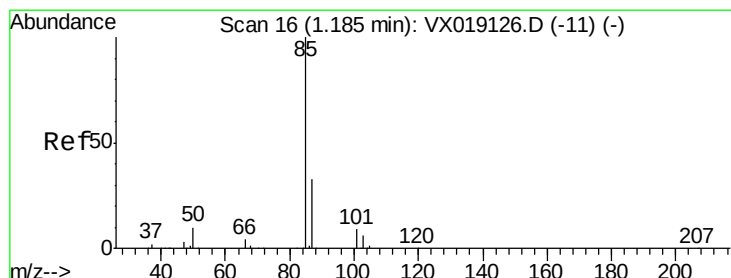
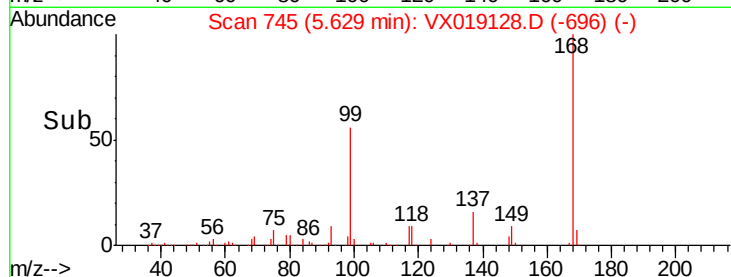
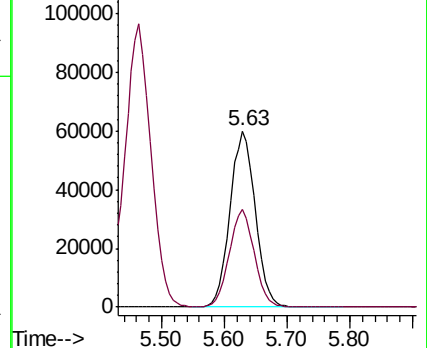
168 100

99 55.5 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 150.685 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019128.D

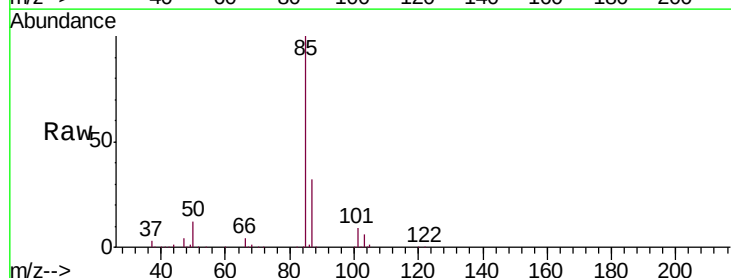
Acq: 26 Oct 2020 19:16

Tgt Ion: 85 Resp: 199779

Ion Ratio Lower Upper

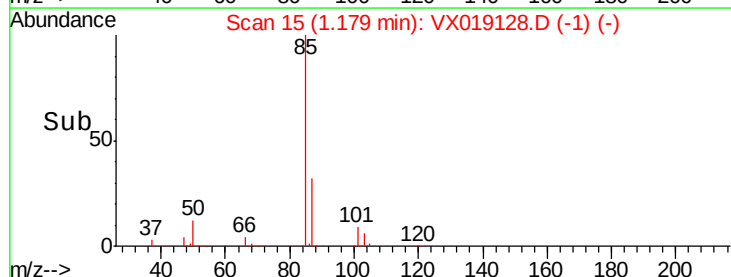
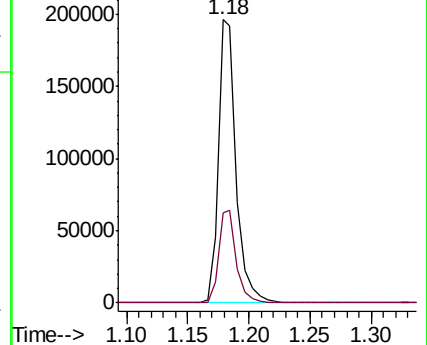
85 100

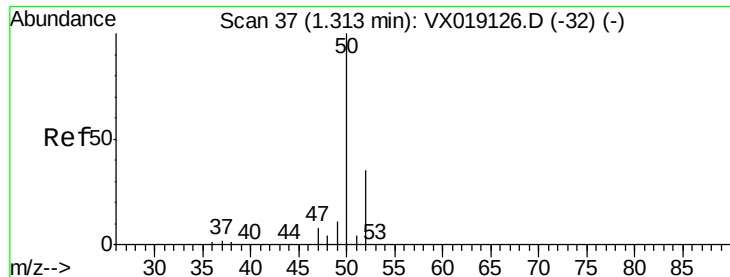
87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 143.216 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

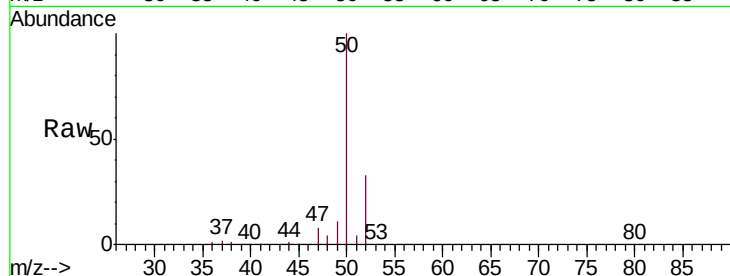
VSTDIC150

Tgt Ion: 50 Resp: 202673

Ion Ratio Lower Upper

50 100

52 33.3 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

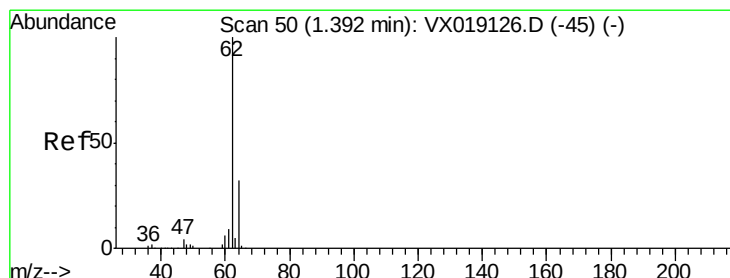
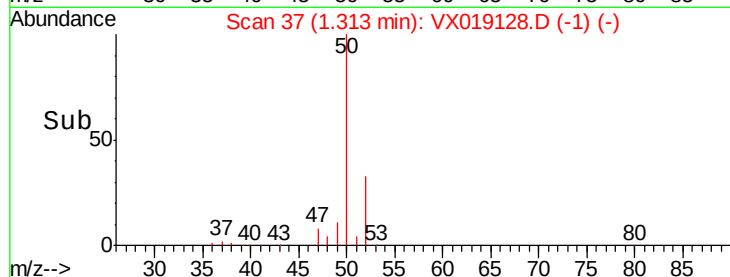
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 145.494 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019128.D

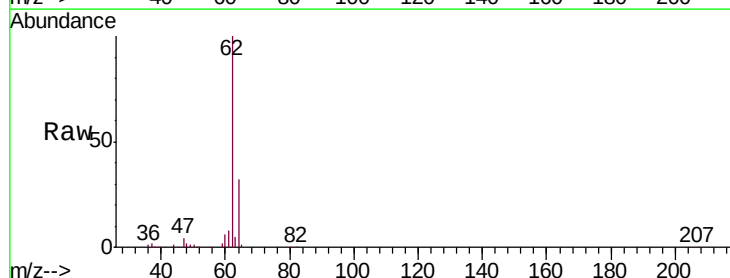
Acq: 26 Oct 2020 19:16

Tgt Ion: 62 Resp: 260825

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

300000

250000

200000

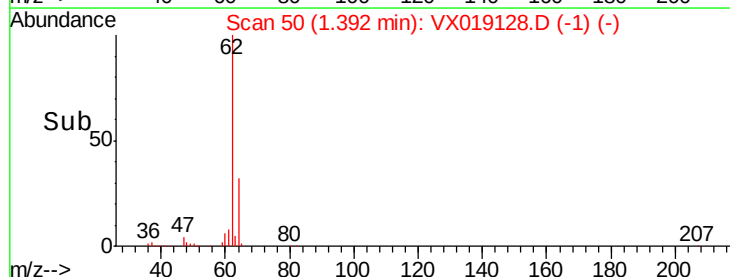
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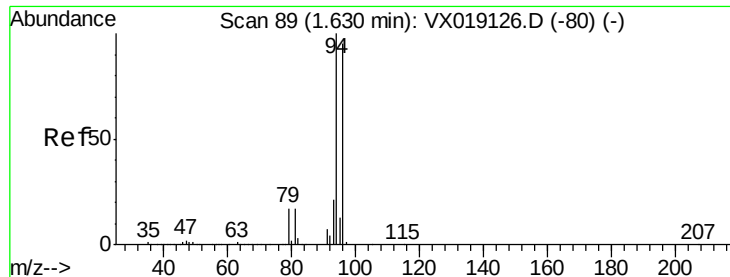
100000

50000

0

Time-->





#5

Bromomethane

Concen: 95.640 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

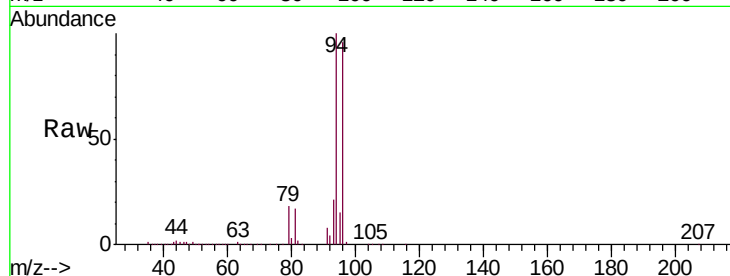
VSTDIC150

Tgt Ion: 94 Resp: 108603

Ion Ratio Lower Upper

94 100

96 96.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

120000

100000

80000

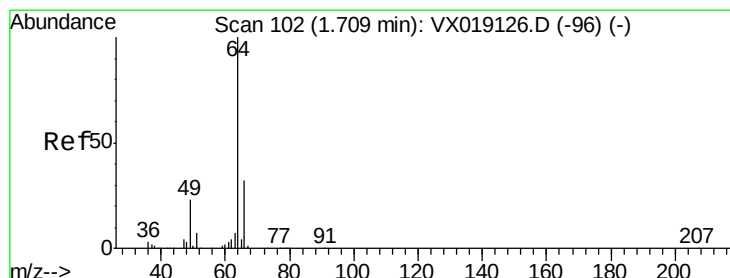
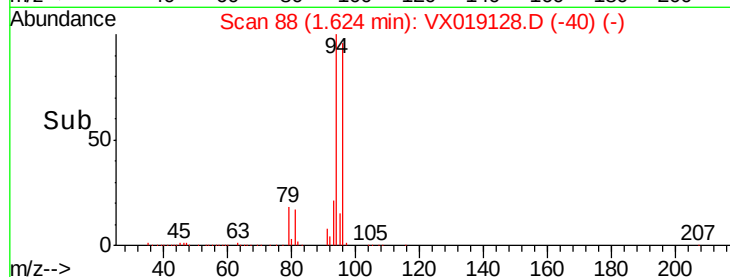
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 149.183 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019128.D

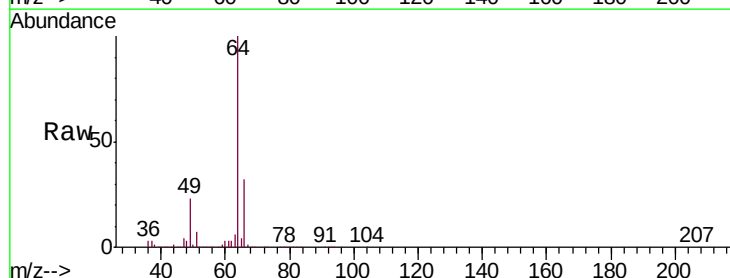
Acq: 26 Oct 2020 19:16

Tgt Ion: 64 Resp: 181834

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

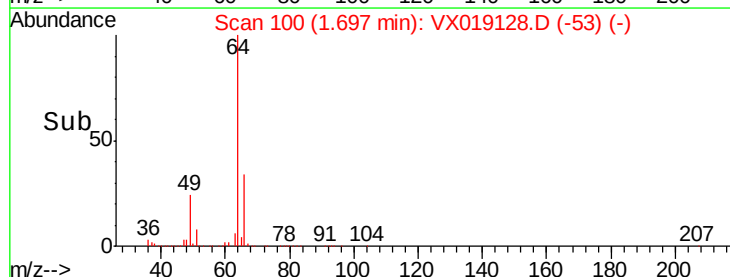
150000

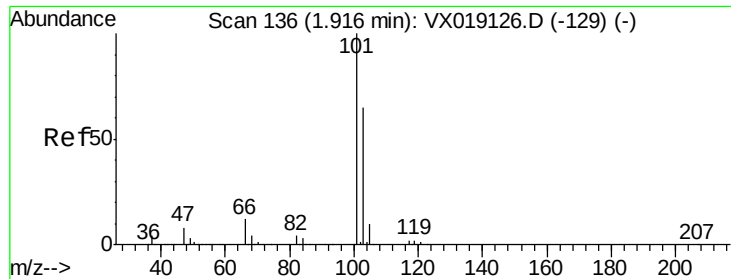
100000

50000

0

Time-->



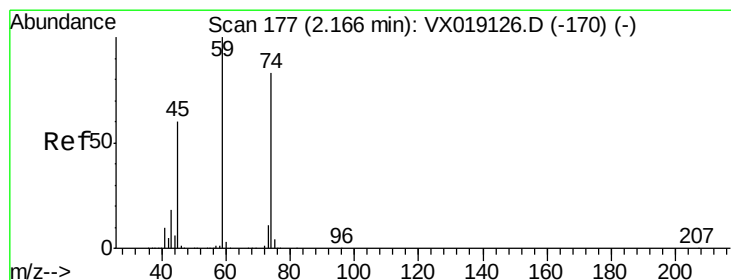
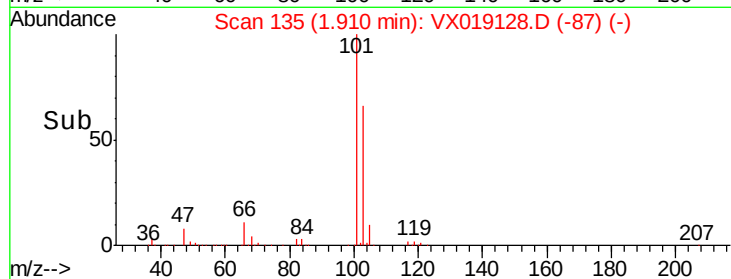
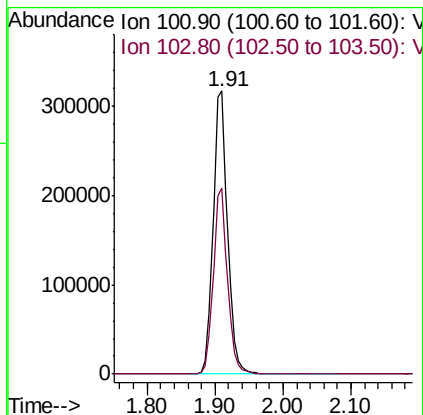
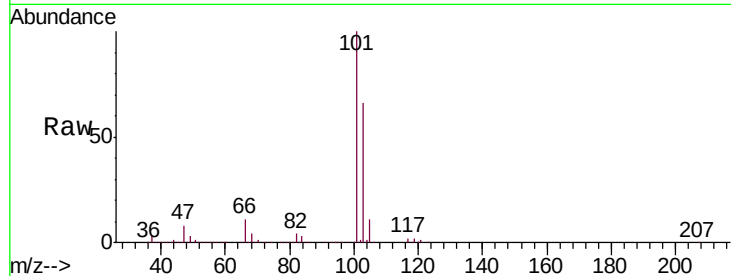


#7

Trichlorofluoromethane
 Concen: 151.207 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

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 ClientSampleId :
 VSTDIC150

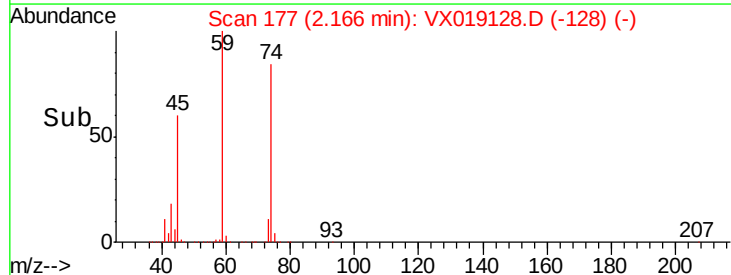
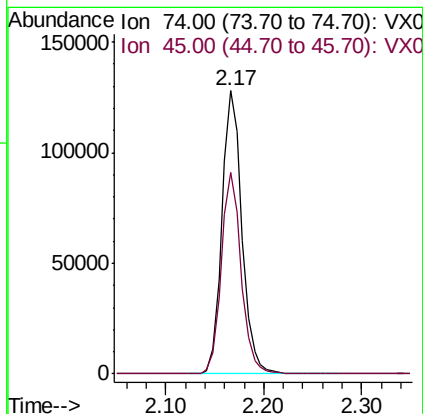
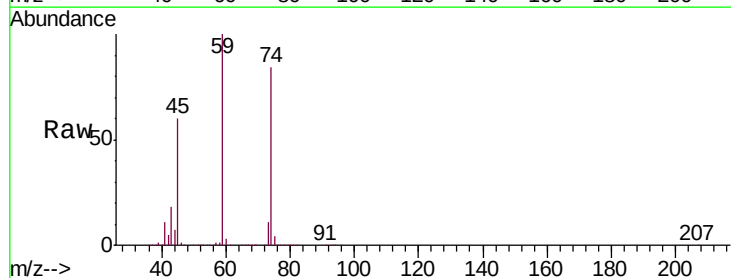
Tgt Ion:101 Resp: 466202
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.6

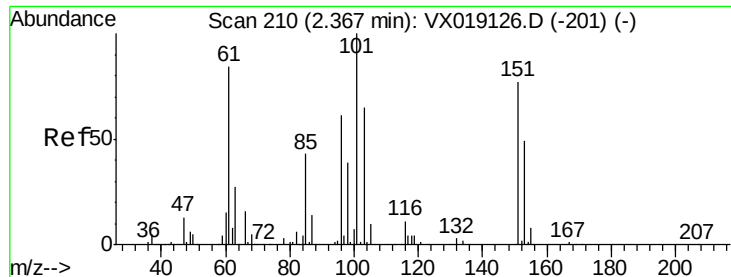


#8

Diethyl Ether
 Concen: 148.680 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 74 Resp: 180758
 Ion Ratio Lower Upper
 74 100
 45 71.7 36.1 108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.103 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

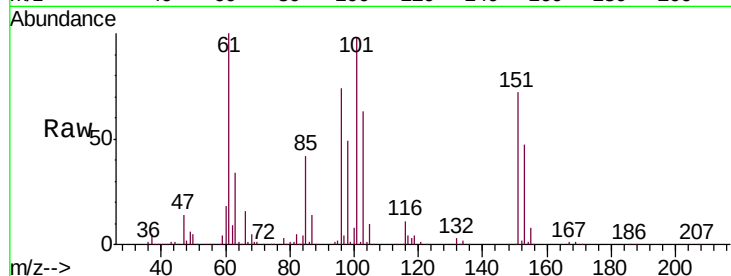
Tgt Ion:101 Resp: 230134

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

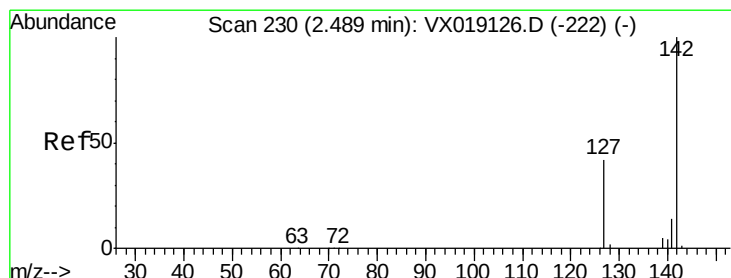
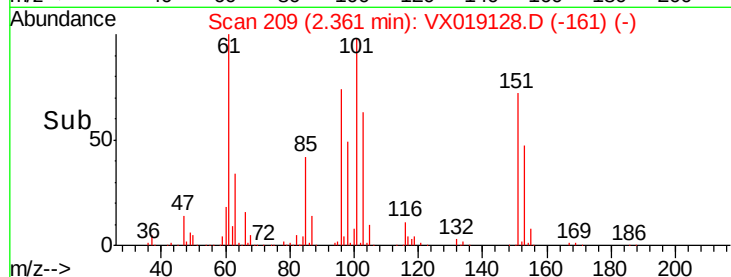
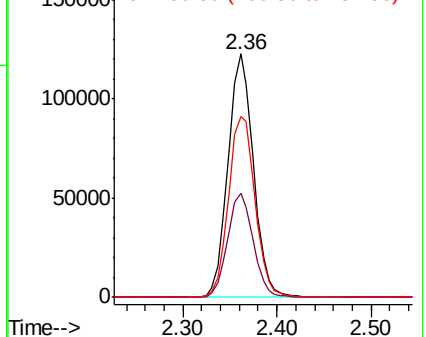
151 77.5 61.7 92.5



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: 149.181 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

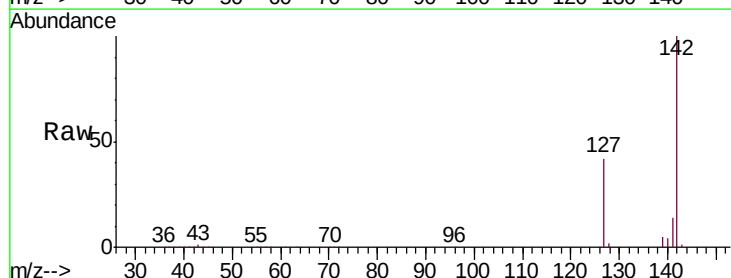
Tgt Ion:142 Resp: 301601

Ion Ratio Lower Upper

142 100

127 42.7 33.1 49.7

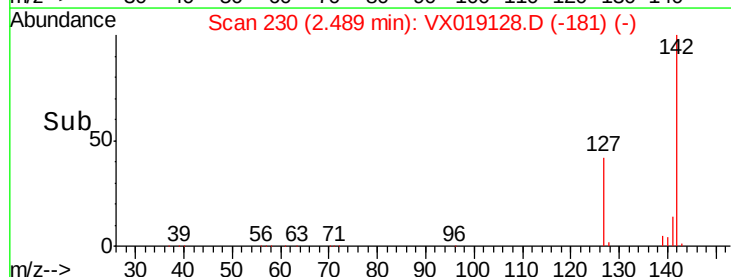
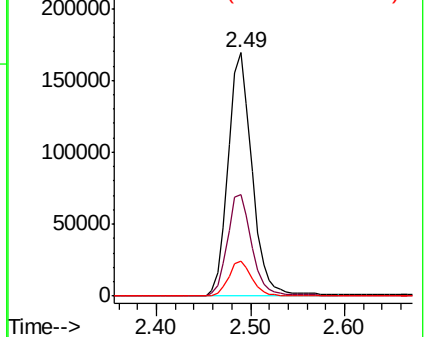
141 14.1 11.4 17.0

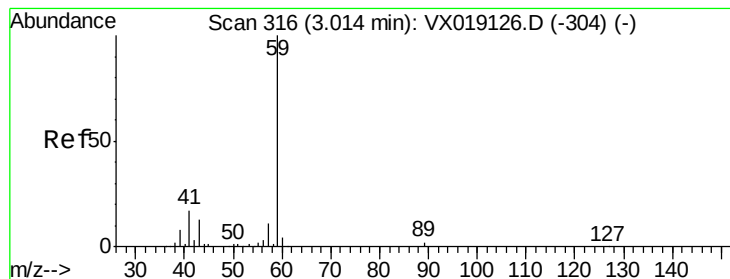


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



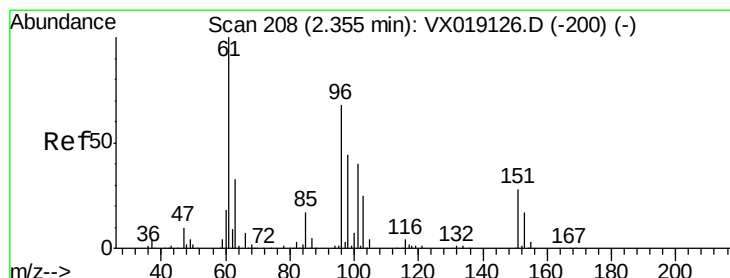
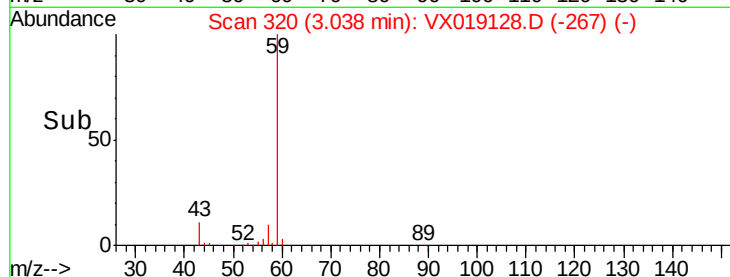
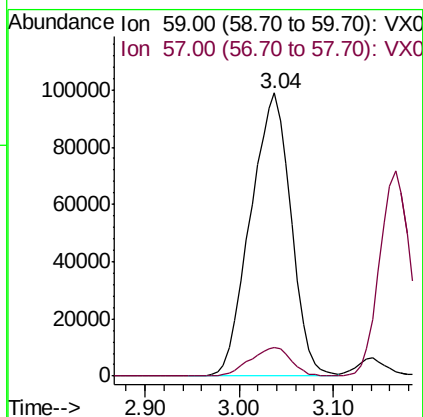
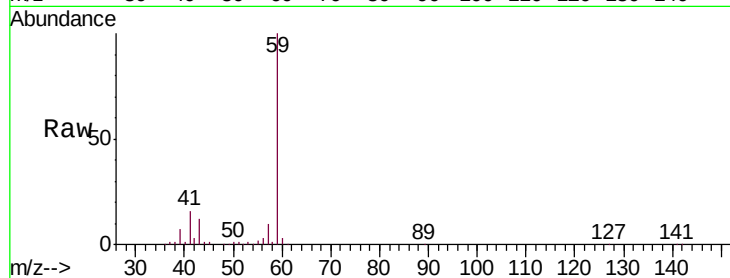


#11

Tert butyl alcohol
Concen: 731.860 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

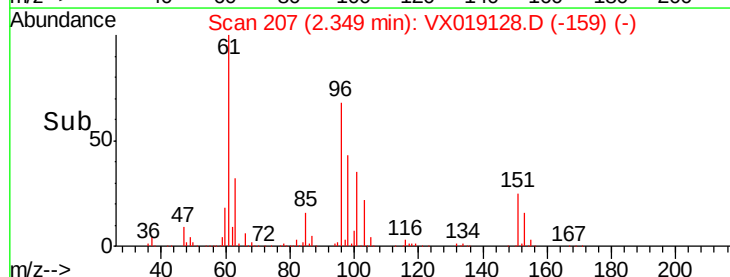
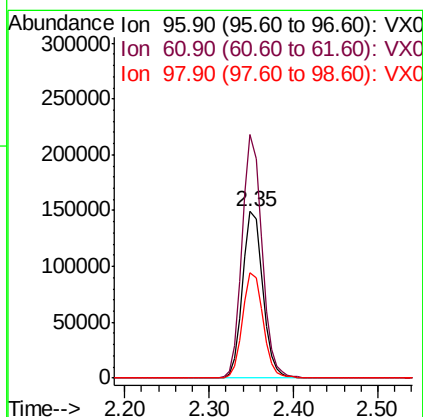
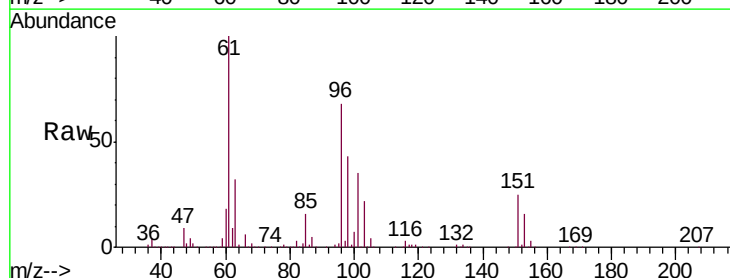
Tgt Ion: 59 Resp: 297775
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

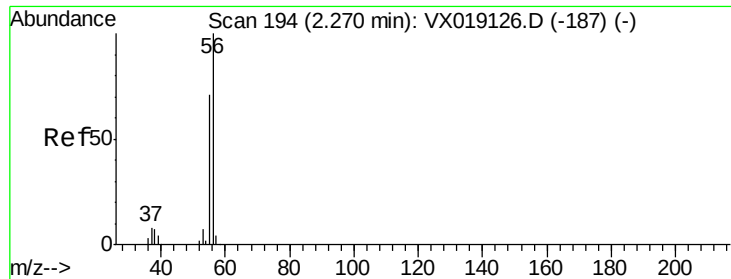


#12

1,1-Dichloroethene
Concen: 153.031 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 96 Resp: 239267
Ion Ratio Lower Upper
96 100
61 146.2 117.0 175.4
98 63.5 51.2 76.8

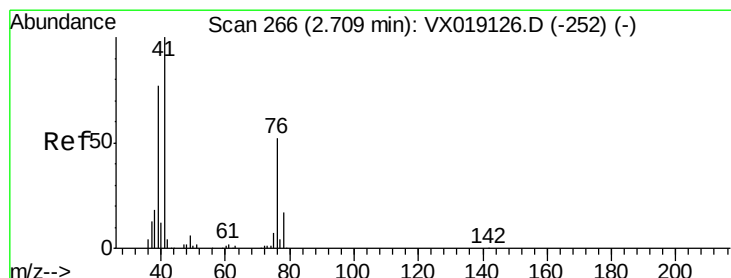
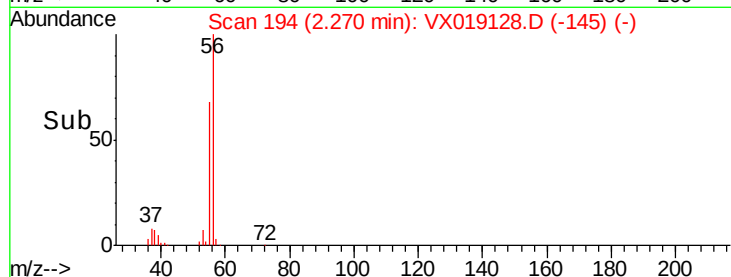
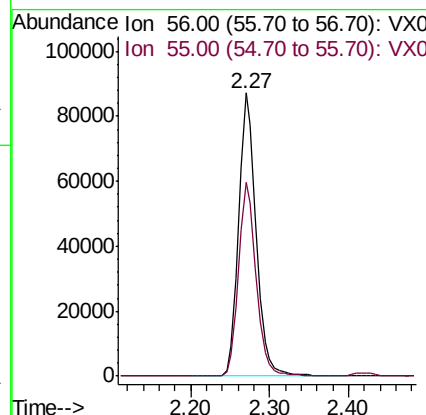
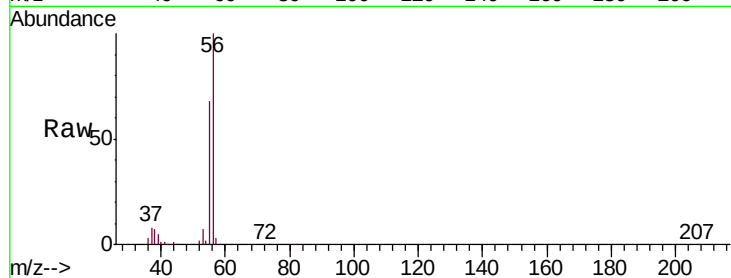




#13
Acrolein
Concen: 751.956 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

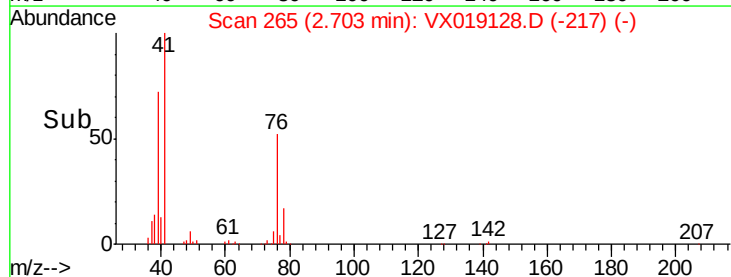
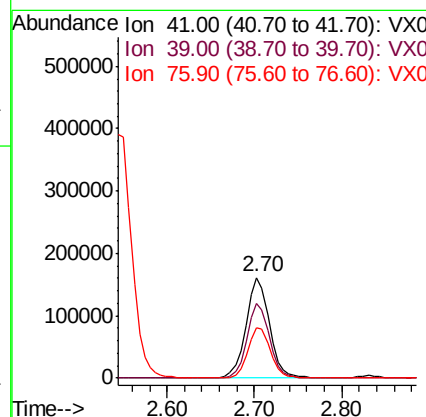
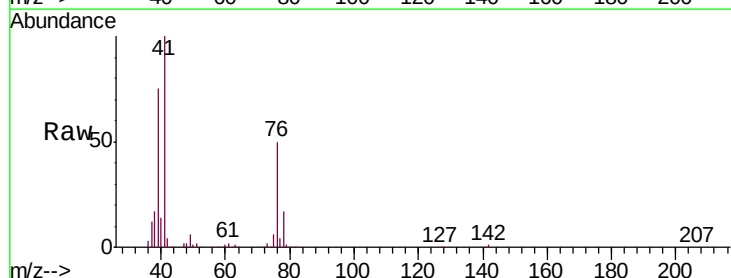
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

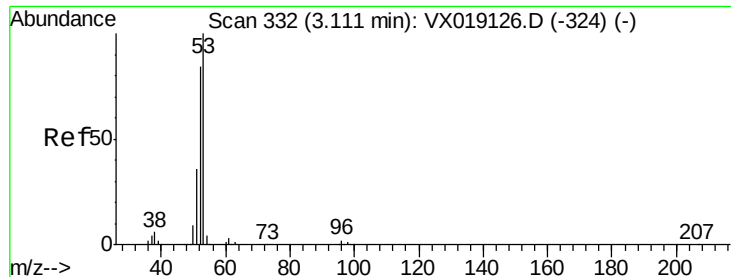
Tgt Ion: 56 Resp: 135026
Ion Ratio Lower Upper
56 100
55 68.4 55.9 83.9



#14
Allyl chloride
Concen: 150.071 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 41 Resp: 301596
Ion Ratio Lower Upper
41 100
39 70.7 57.0 85.4
76 48.0 37.6 56.4





#15

Acrylonitrile

Concen: 759.900 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

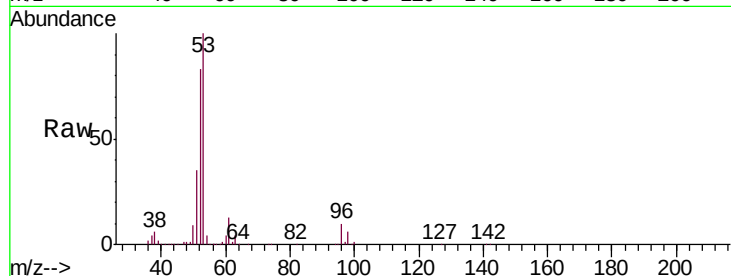
Tgt Ion: 53 Resp: 616717

Ion Ratio Lower Upper

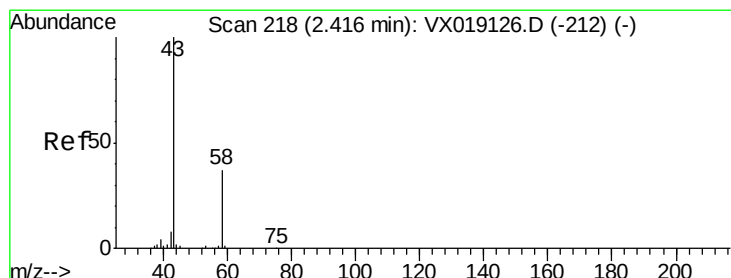
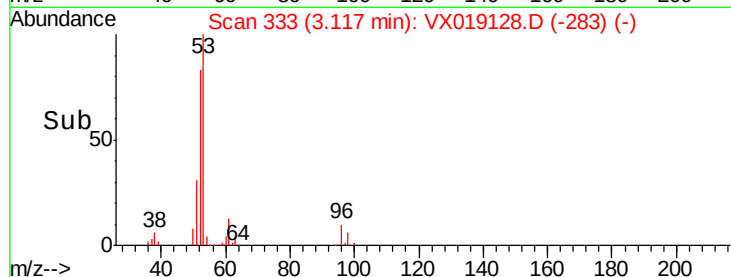
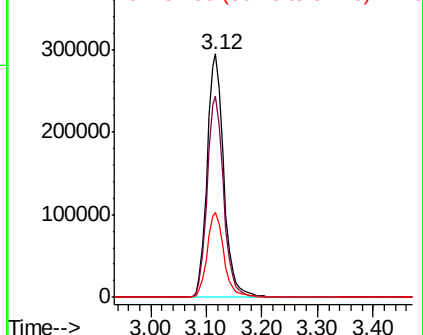
53 100

52 82.2 65.8 98.8

51 35.5 28.5 42.7



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: 716.889 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX019128.D

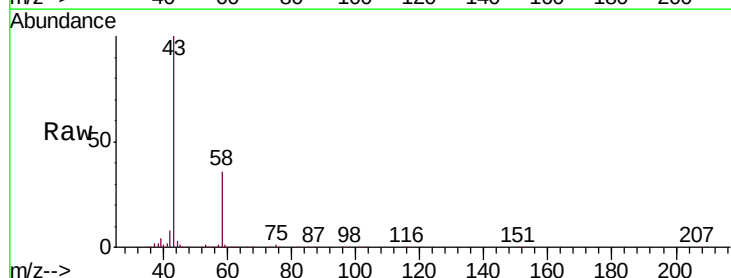
Acq: 26 Oct 2020 19:16

Tgt Ion: 43 Resp: 461906

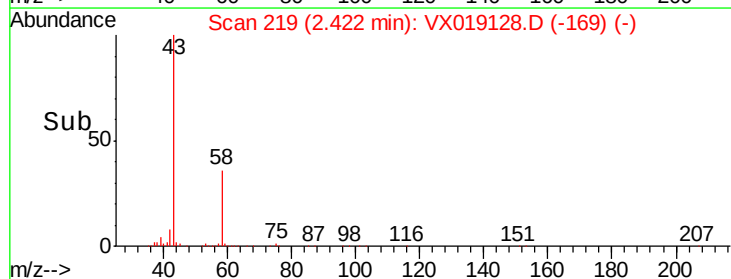
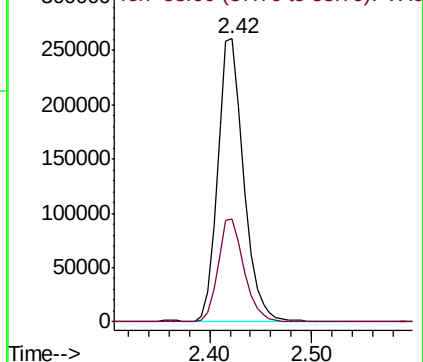
Ion Ratio Lower Upper

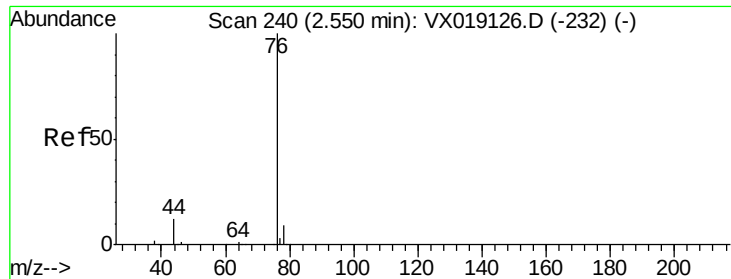
43 100

58 36.3 29.4 44.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 153.722 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

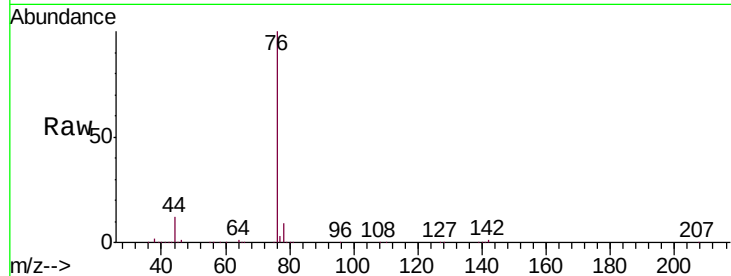
VSTDIC150

Tgt Ion: 76 Resp: 664640

Ion Ratio Lower Upper

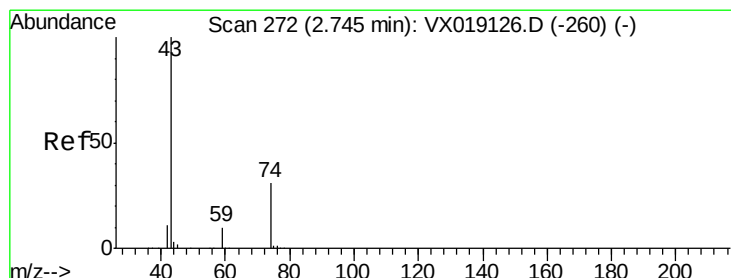
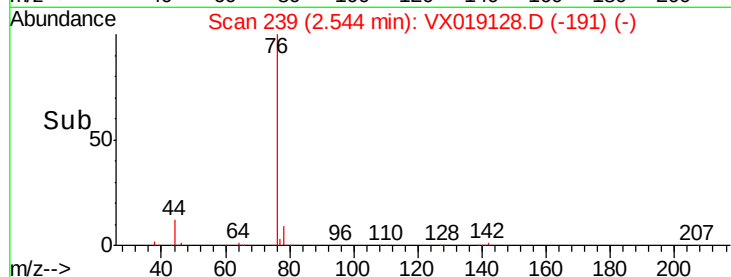
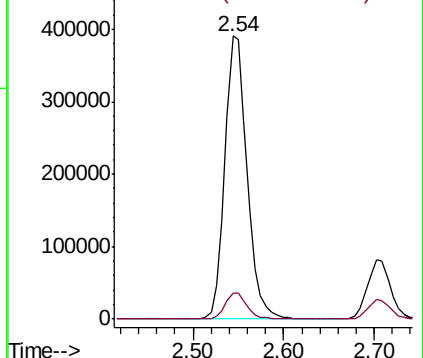
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 143.641 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019128.D

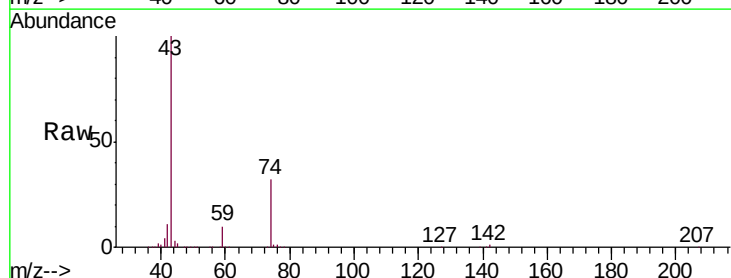
Acq: 26 Oct 2020 19:16

Tgt Ion: 43 Resp: 227621

Ion Ratio Lower Upper

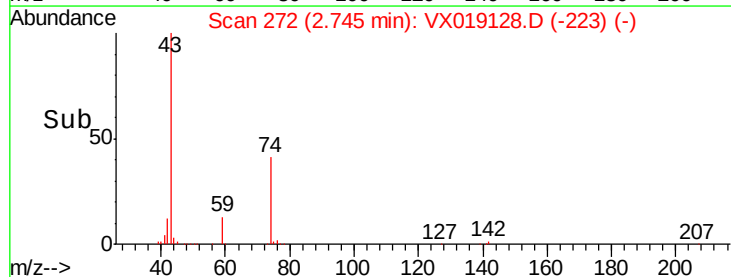
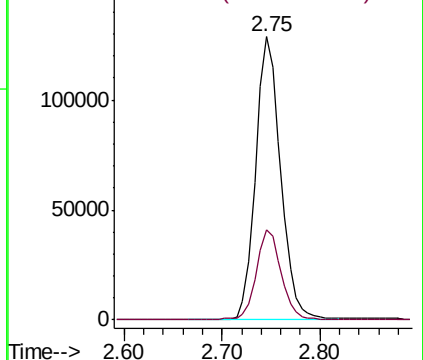
43 100

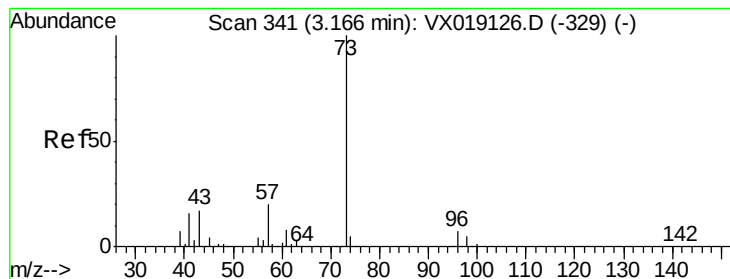
74 31.9 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 153.042 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

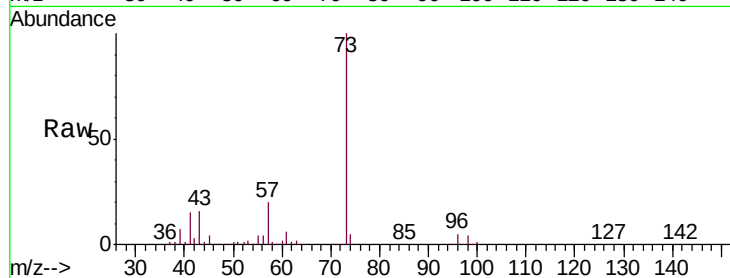
VSTDIC150

Tgt Ion: 73 Resp: 820195

Ion Ratio Lower Upper

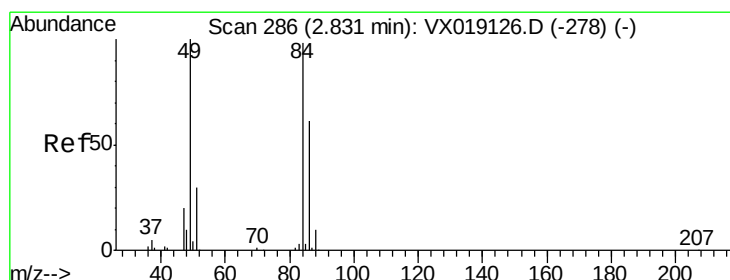
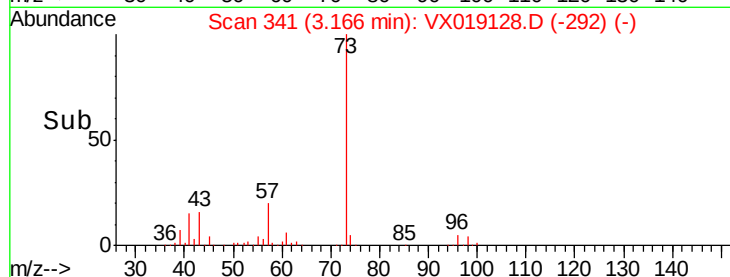
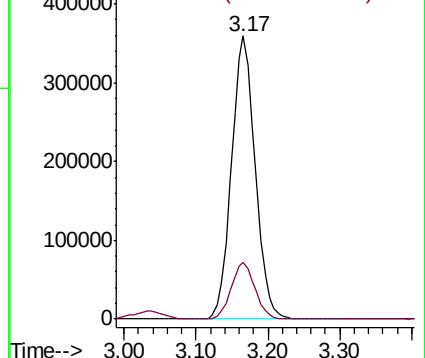
73 100

57 19.9 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 144.156 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion: 84 Resp: 271282

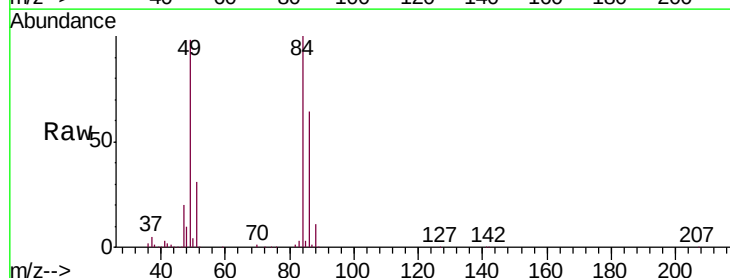
Ion Ratio Lower Upper

84 100

49 97.8 82.0 123.0

51 30.9 24.2 36.4

86 63.7 50.2 75.4

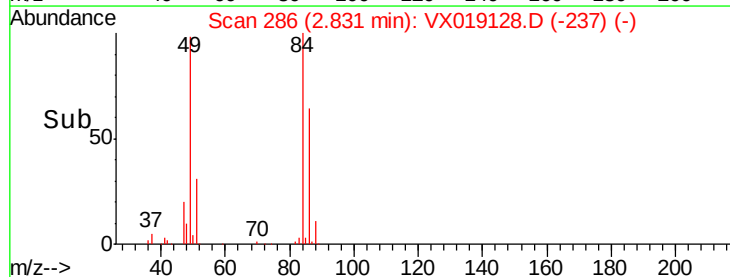
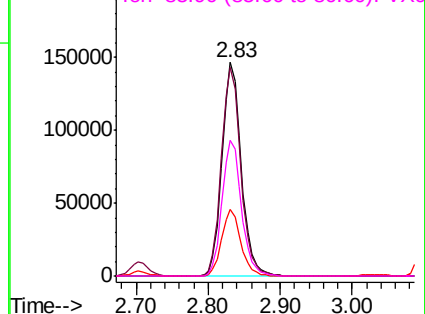


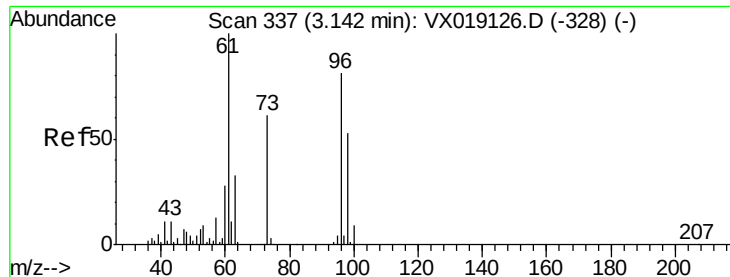
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 151.766 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

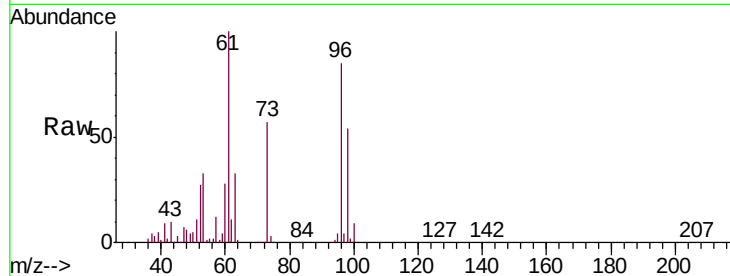
Tgt Ion: 96 Resp: 279998

Ion Ratio Lower Upper

96 100

61 118.0 98.8 148.2

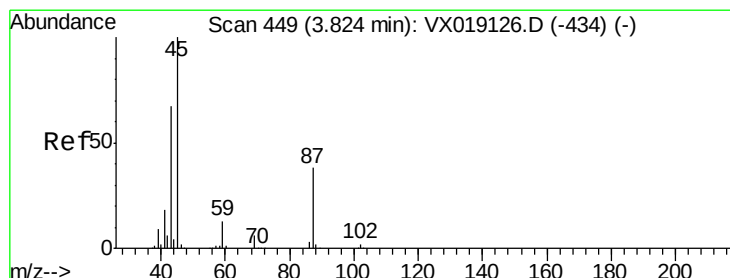
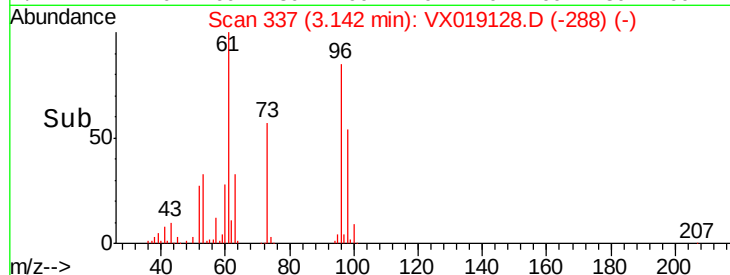
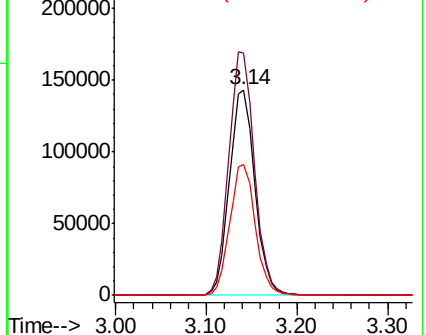
98 63.7 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 153.819 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion: 45 Resp: 660502

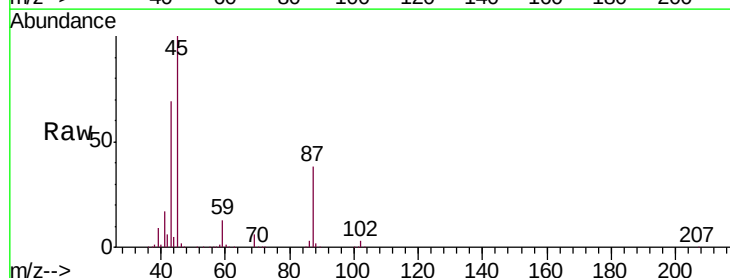
Ion Ratio Lower Upper

45 100

43 68.9 54.4 81.6

87 37.8 30.2 45.2

59 13.3 10.8 16.2

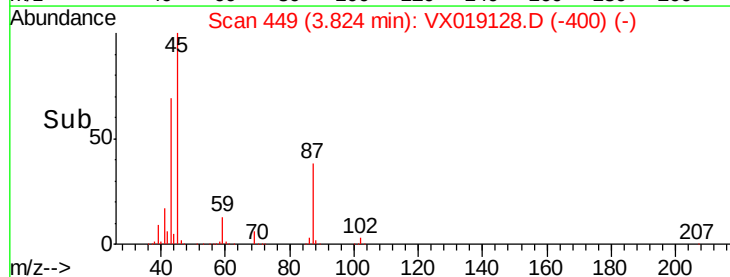
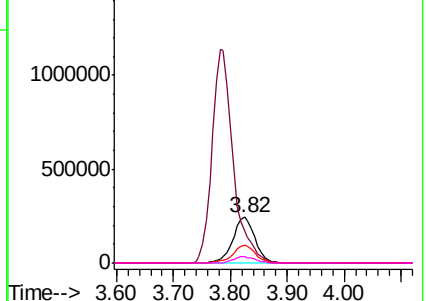


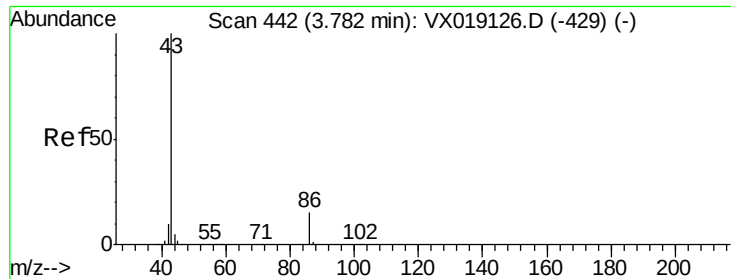
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 781.031 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

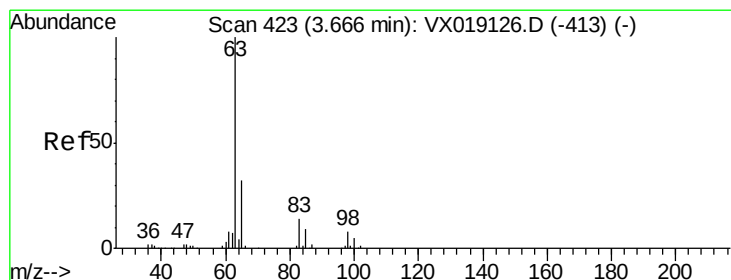
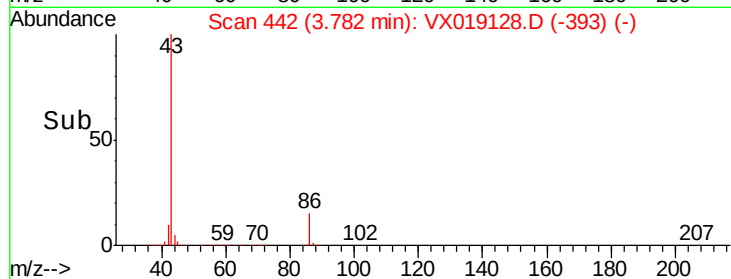
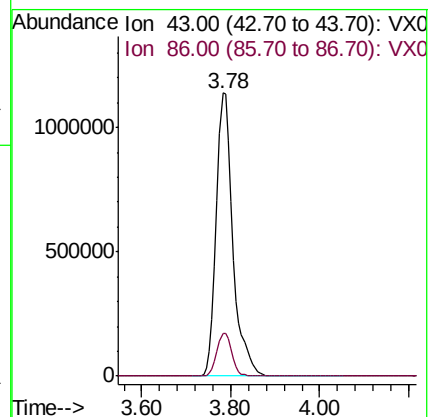
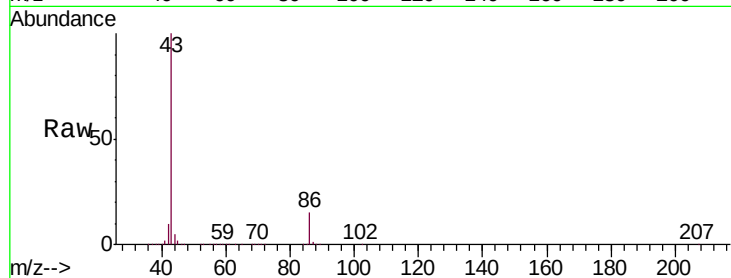
VSTDIC150

Tgt Ion: 43 Resp: 2941768

Ion Ratio Lower Upper

43 100

86 15.3 11.9 17.9



#24

1,1-Dichloroethane

Concen: 152.991 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

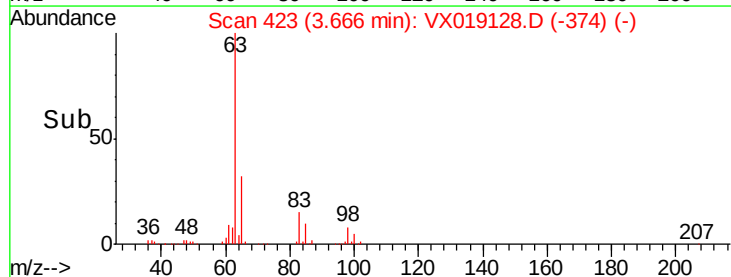
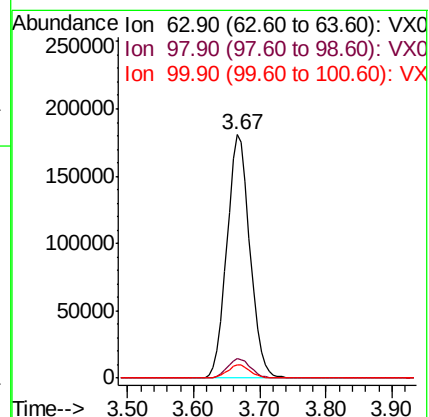
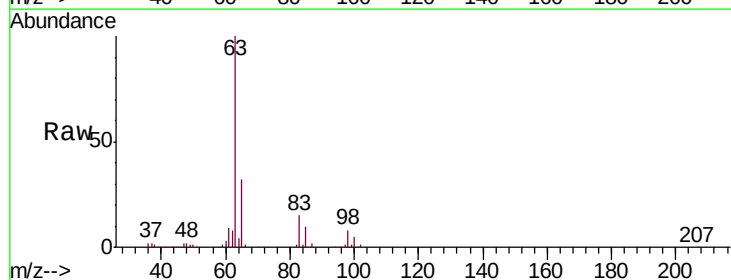
Tgt Ion: 63 Resp: 434903

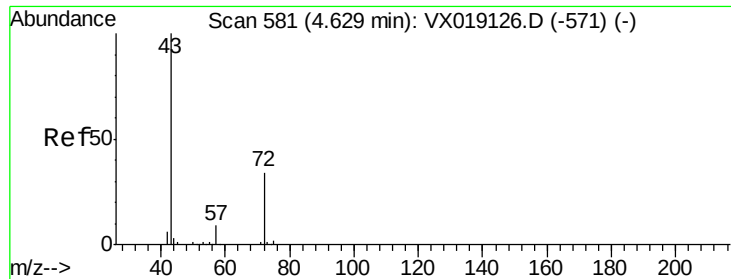
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 743.376 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

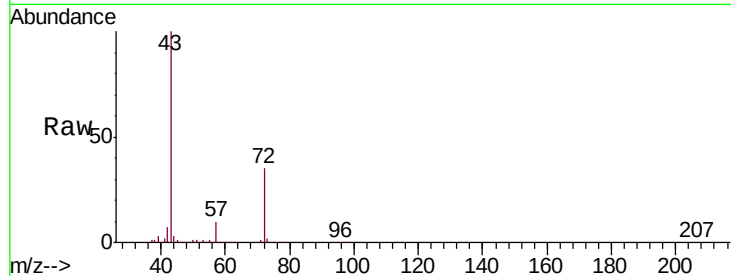
VSTDIC150

Tgt Ion: 43 Resp: 764877

Ion Ratio Lower Upper

43 100

72 35.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

100000

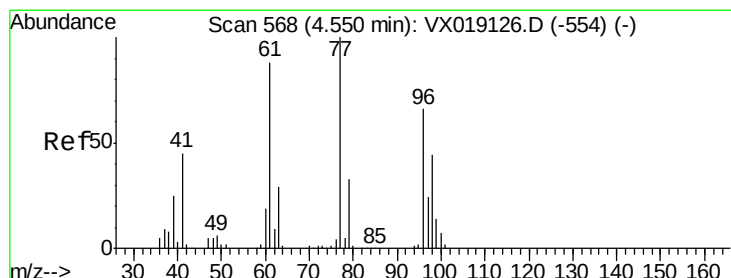
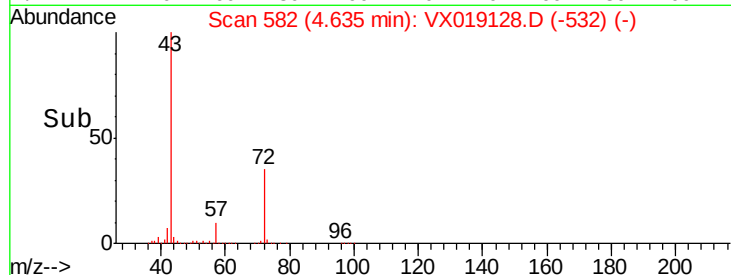
50000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 150.765 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019128.D

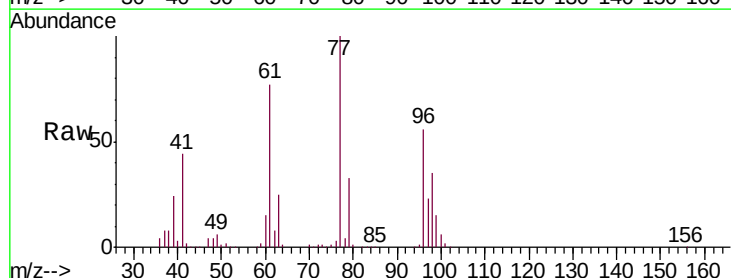
Acq: 26 Oct 2020 19:16

Tgt Ion: 77 Resp: 403286

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

100000

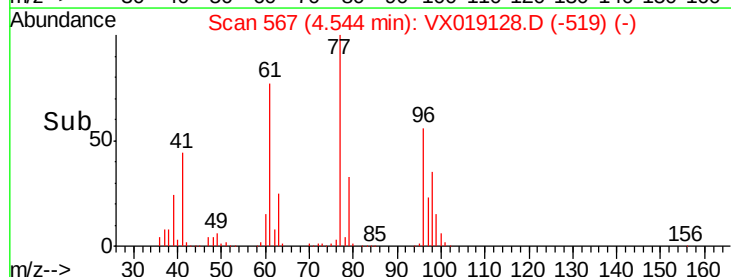
50000

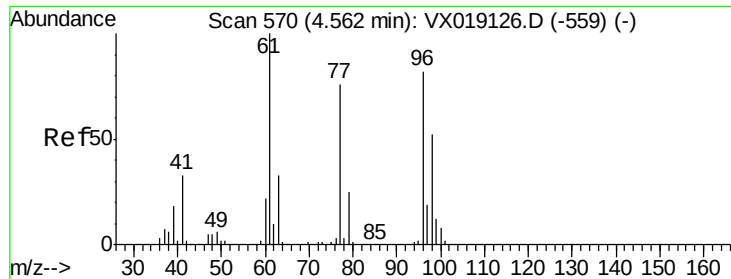
0

4.54

4.40 4.60 4.80

Time-->



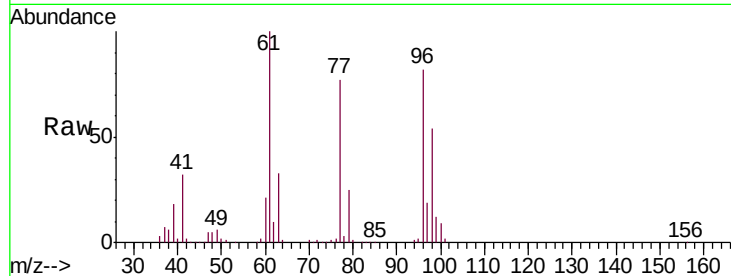


#27

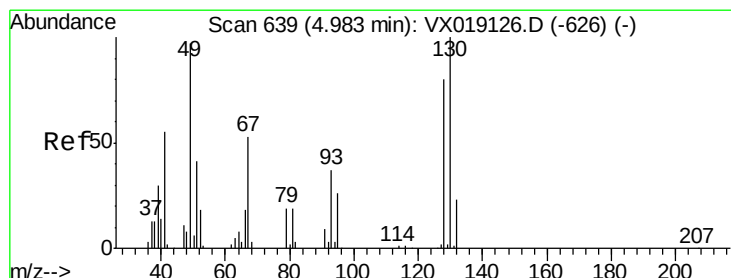
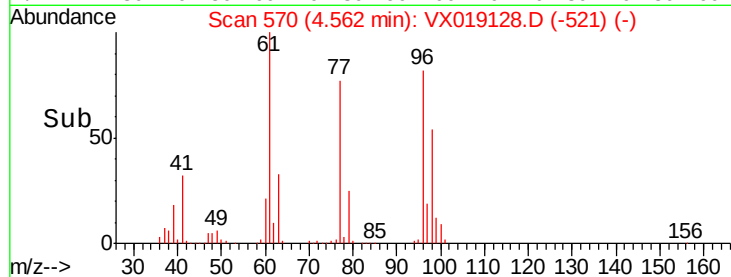
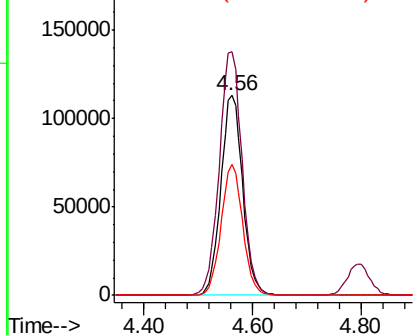
cis-1,2-Dichloroethene
Concen: 152.568 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Resp	Lower	Upper
96	315849		
Ion Ratio			
96	100		
61	127.5	0.0	260.0
98	64.7	0.0	131.6



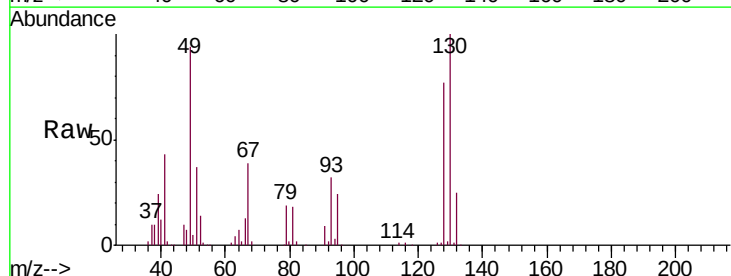
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



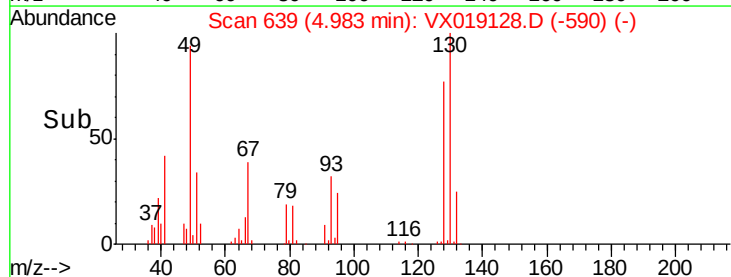
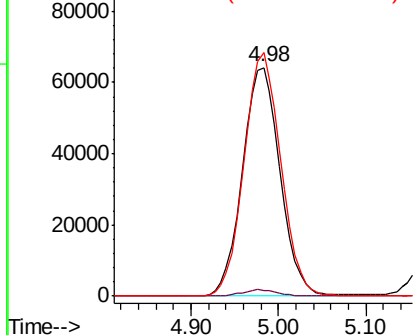
#28

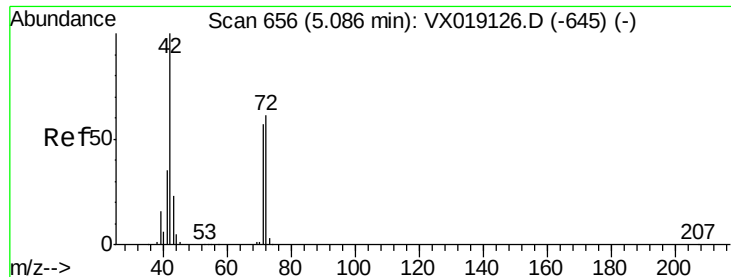
Bromochloromethane
Concen: 156.379 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion	Resp	Lower	Upper
49	192191		
Ion Ratio			
49	100		
129	2.6	0.0	5.2
130	104.6	81.1	121.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

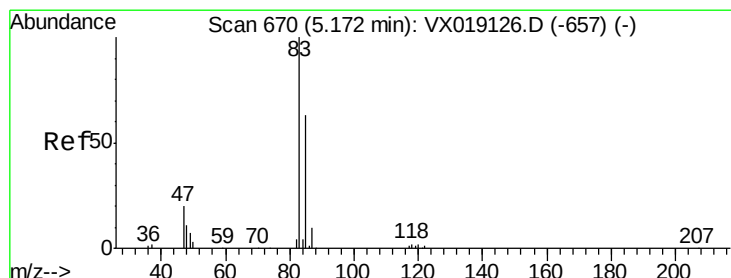
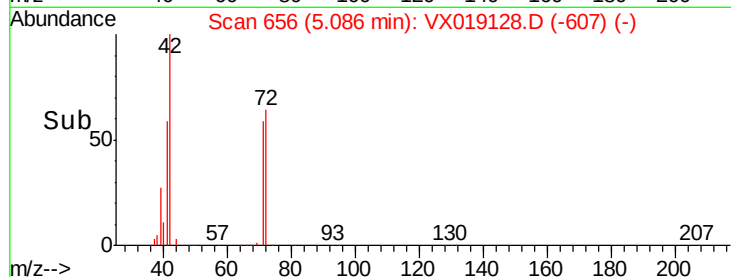
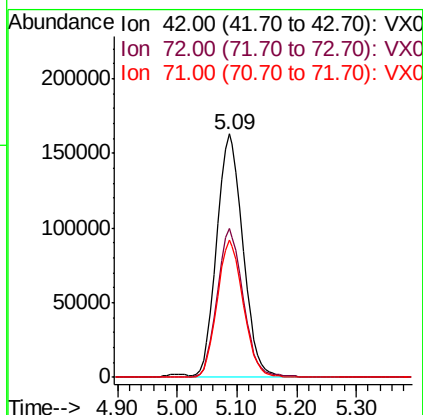
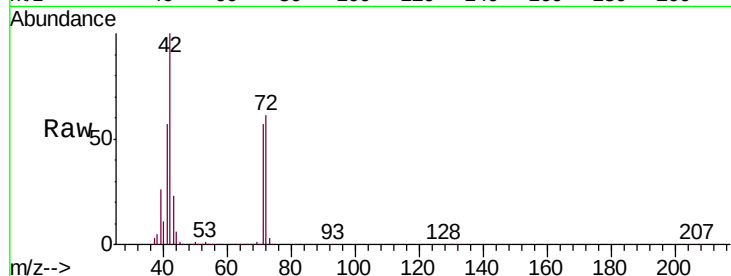




#29
Tetrahydrofuran
Concen: 761.338 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

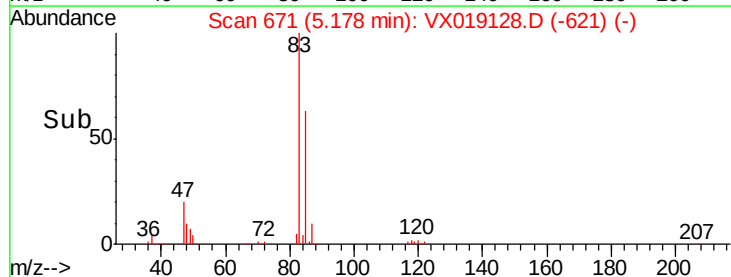
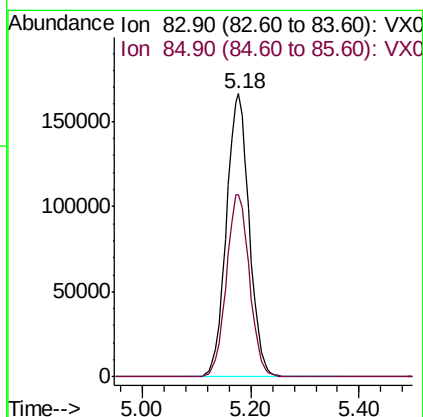
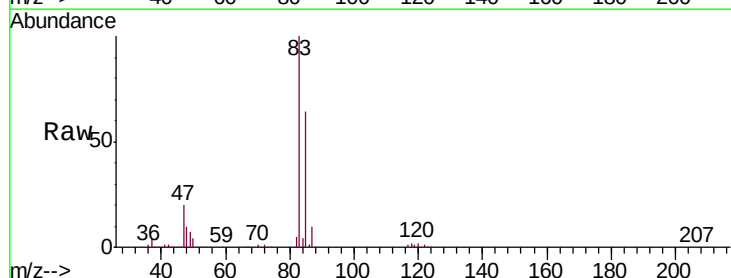
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

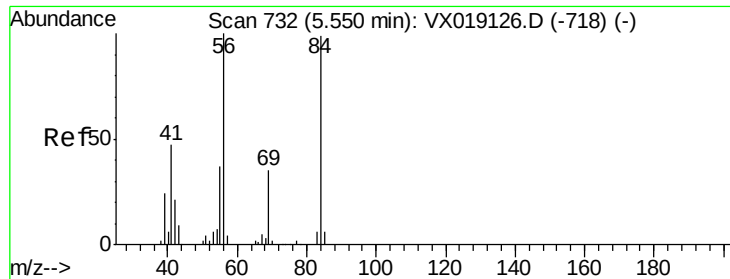
Tgt Ion: 42 Resp: 498004
Ion Ratio Lower Upper
42 100
72 60.9 49.0 73.6
71 56.2 44.9 67.3



#30
Chloroform
Concen: 153.302 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 83 Resp: 485864
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5

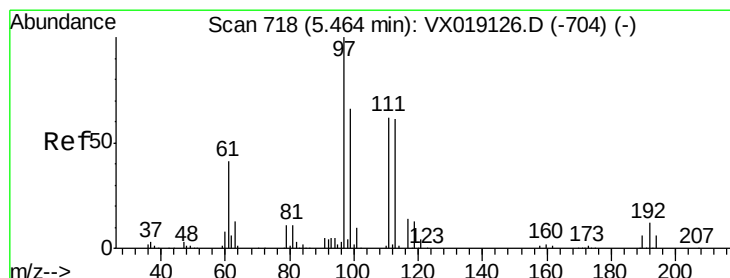
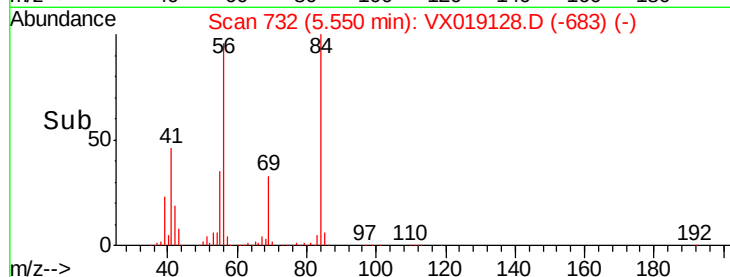
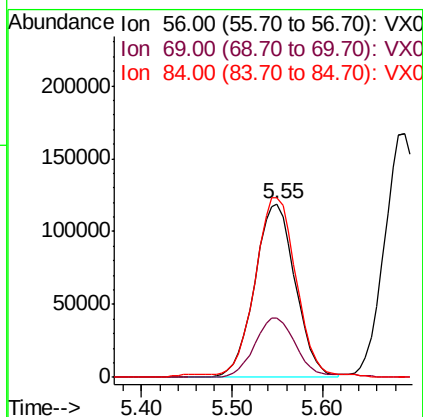
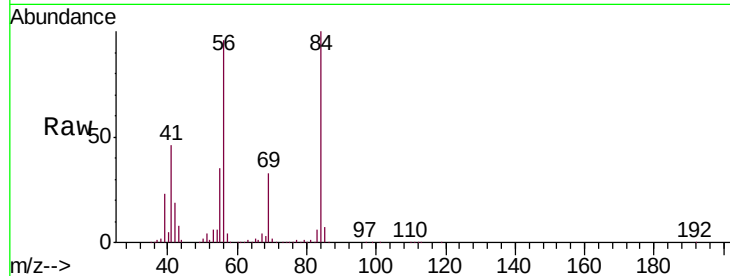




#31
Cyclohexane
Concen: 148.676 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

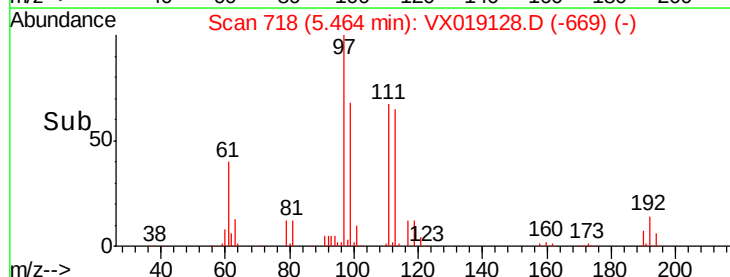
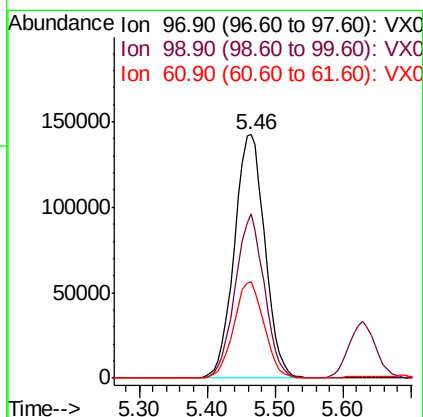
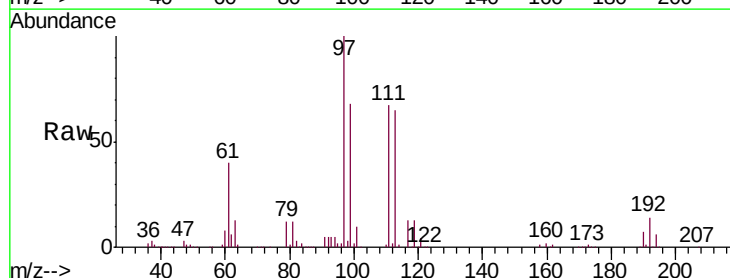
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

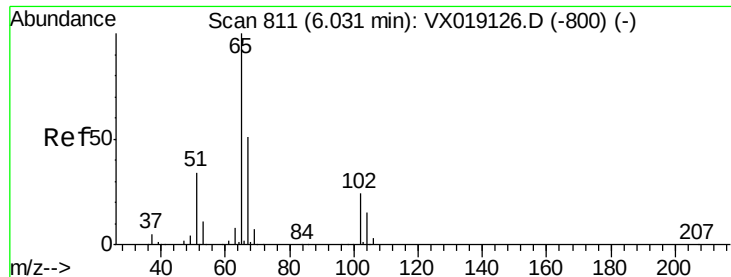
Tgt Ion: 56 Resp: 368475
Ion Ratio Lower Upper
56 100
69 33.9 28.1 42.1
84 101.9 79.0 118.6



#32
1,1,1-Trichloroethane
Concen: 157.077 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 97 Resp: 443720
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 39.4 32.5 48.7

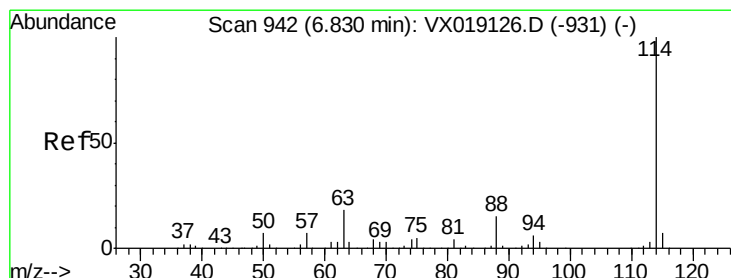
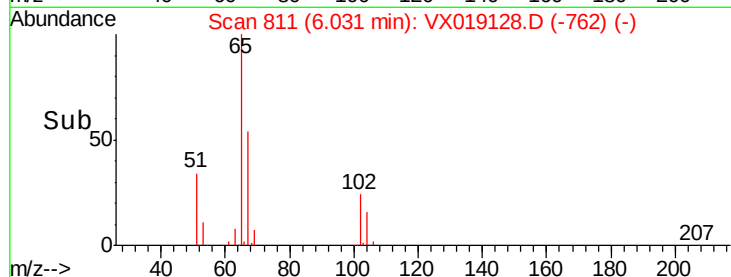
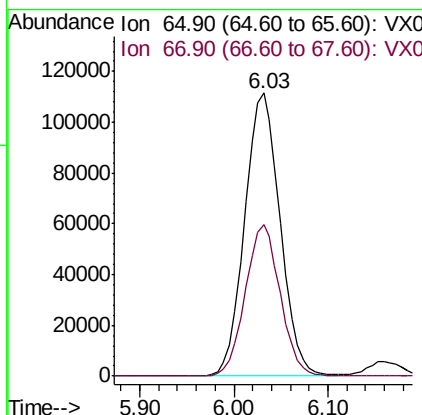
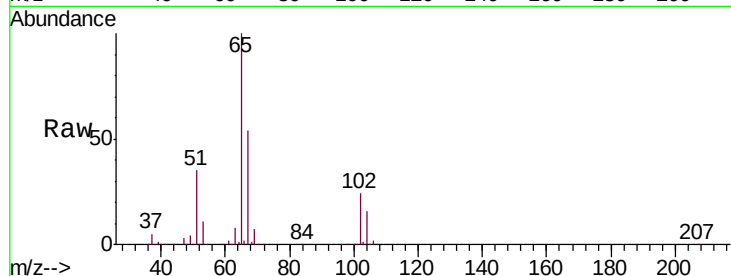




#33
 1,2-Dichloroethane-d4
 Concen: 147.666 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

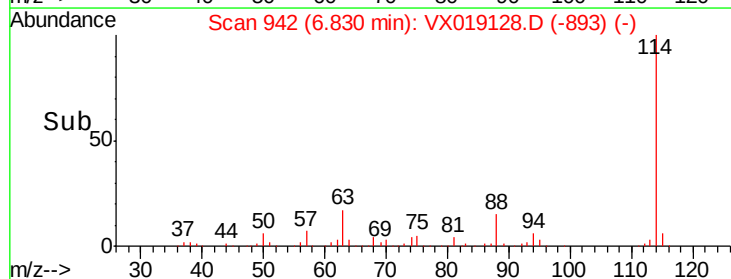
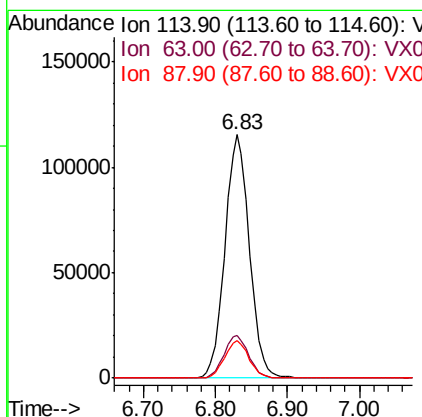
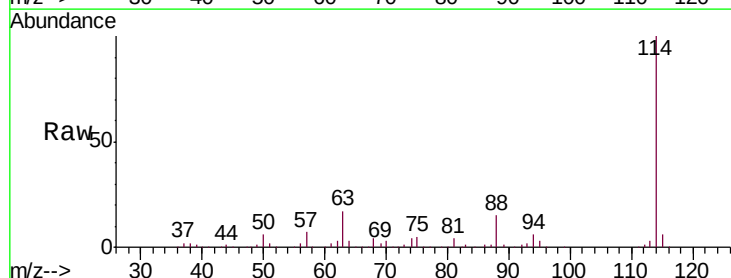
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

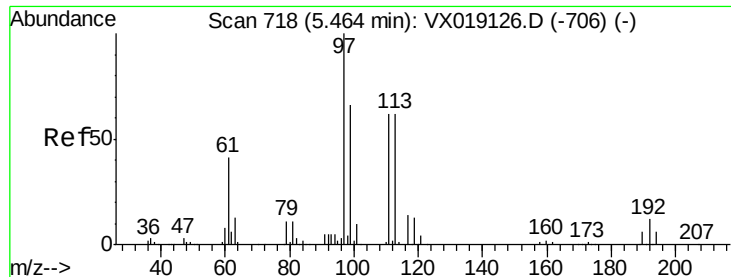
Tgt Ion: 65 Resp: 294216
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 114 Resp: 272114
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 15.3 0.0 30.8

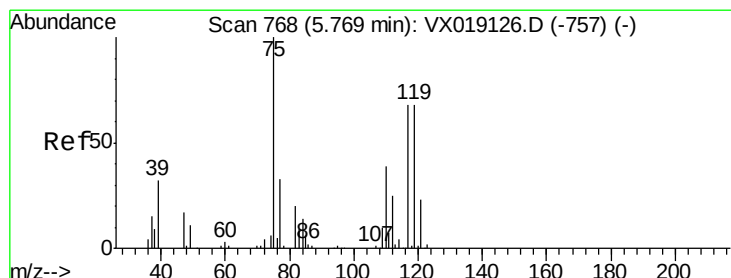
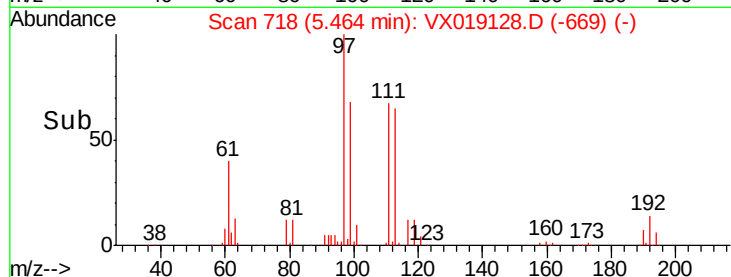
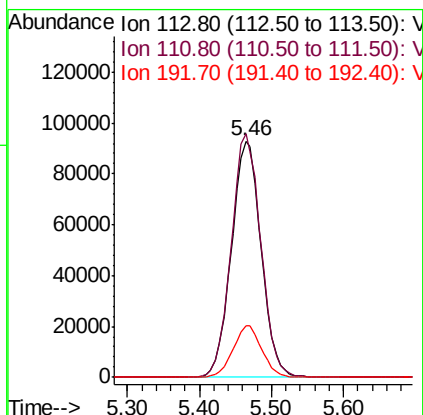
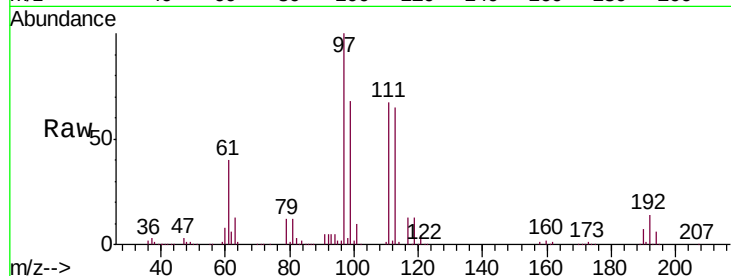




#35
Dibromofluoromethane
Concen: 157.154 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

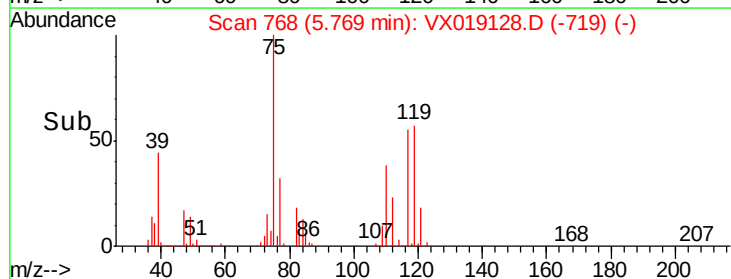
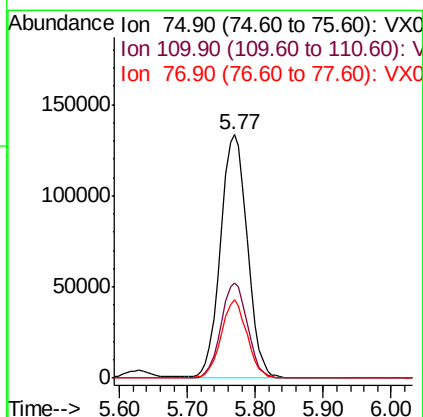
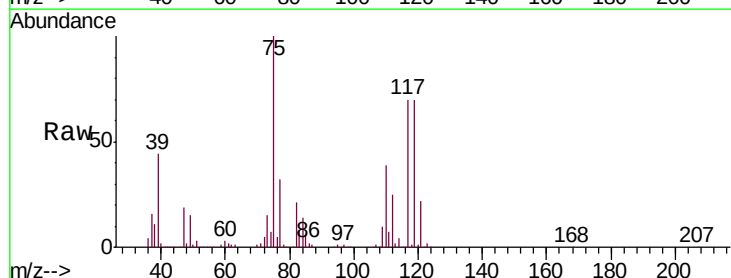
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

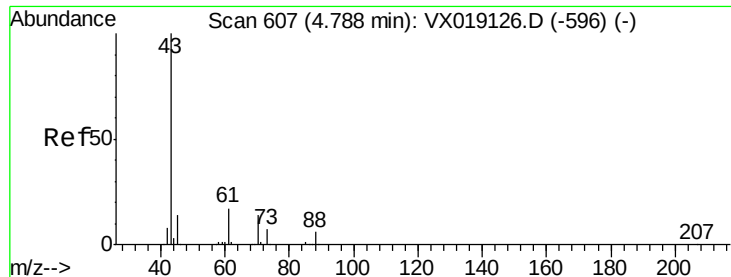
Tgt Ion:113 Resp: 265483
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 21.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 153.358 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 75 Resp: 365155
Ion Ratio Lower Upper
75 100
110 38.8 19.3 57.9
77 31.0 25.4 38.0

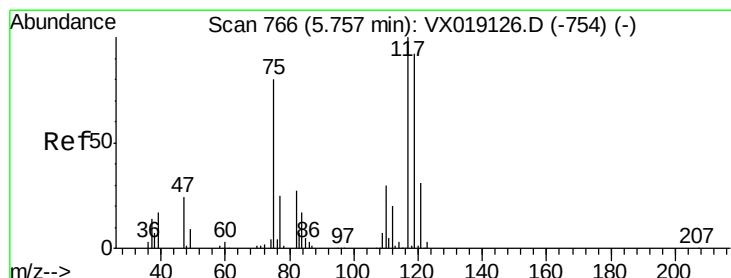
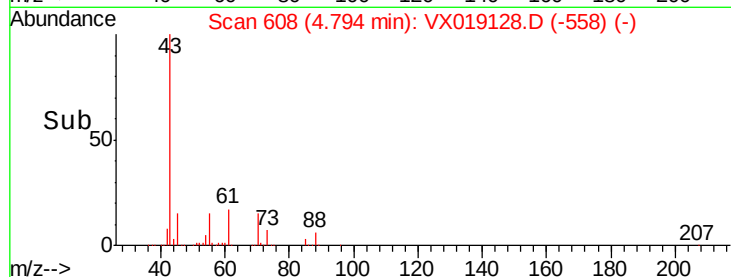
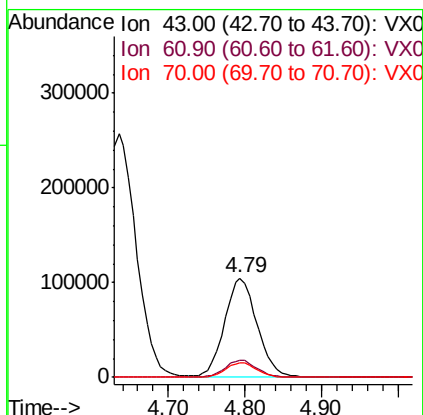
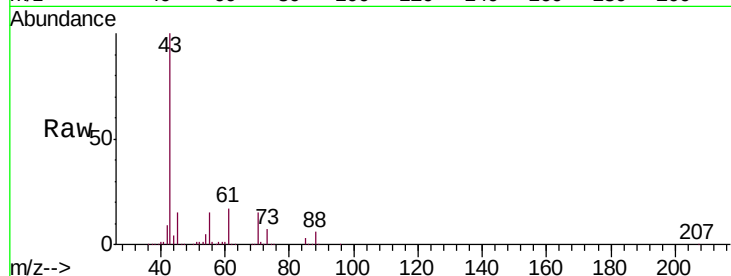




#37
Ethyl Acetate
Concen: 148.817 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

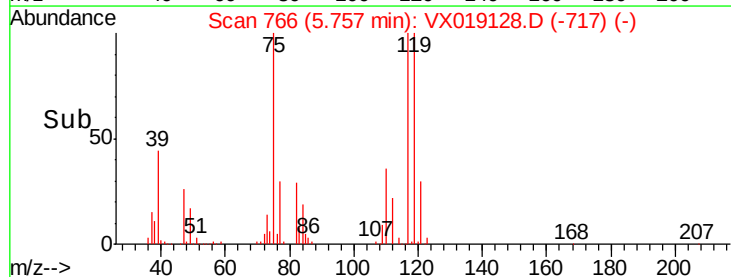
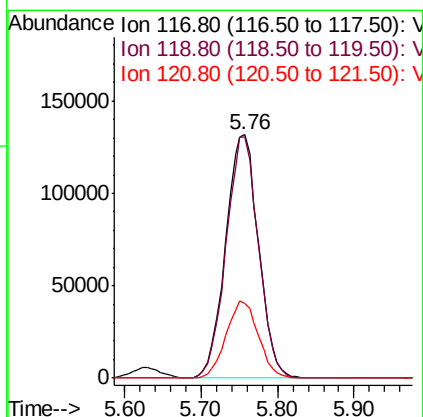
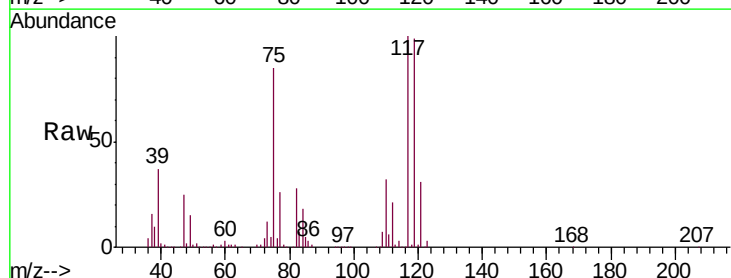
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

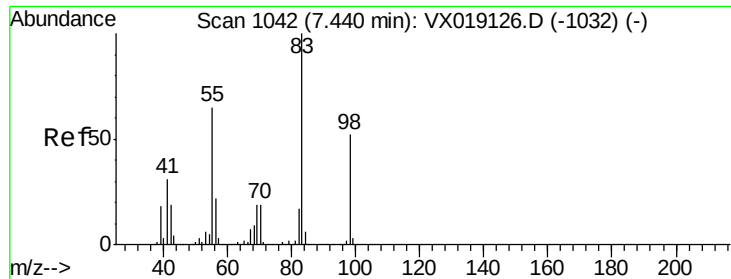
Tgt Ion: 43 Resp: 305898
Ion Ratio Lower Upper
43 100
61 17.2 13.6 20.4
70 14.5 11.0 16.6



#38
Carbon Tetrachloride
Concen: 159.369 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 117 Resp: 390475
Ion Ratio Lower Upper
117 100
119 99.1 73.5 110.3
121 30.6 24.3 36.5

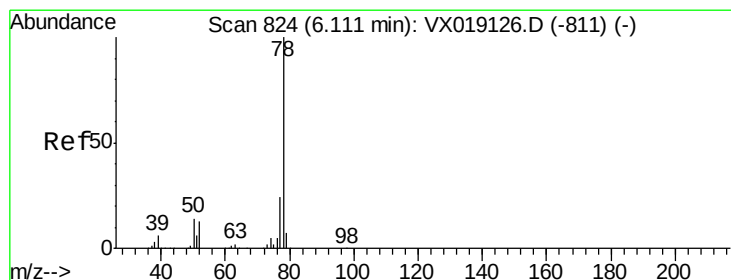
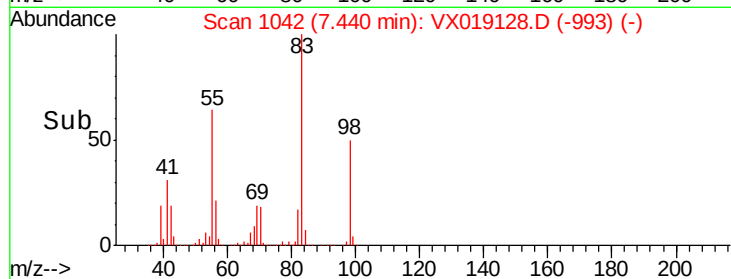
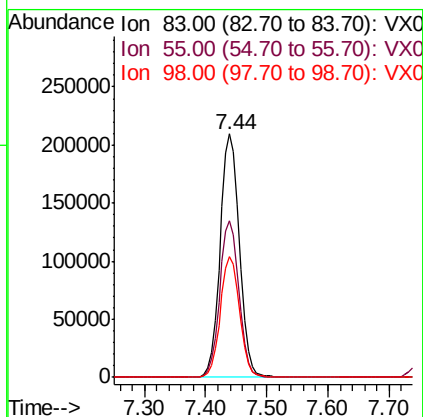
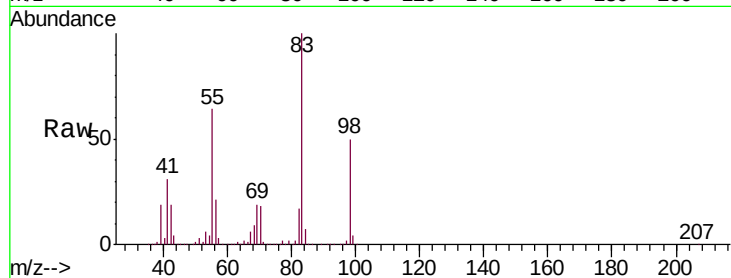




#39
Methylcyclohexane
Concen: 156.854 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

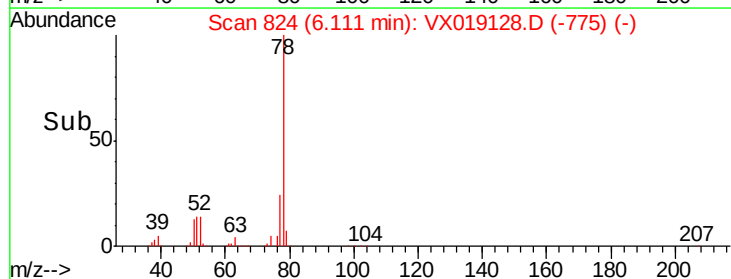
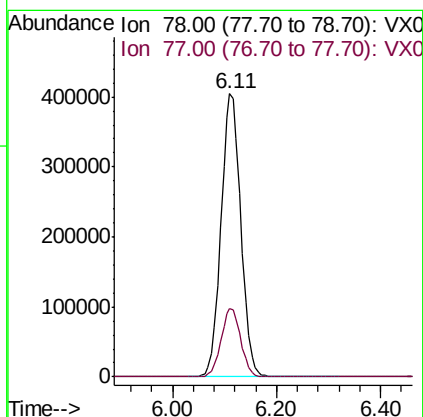
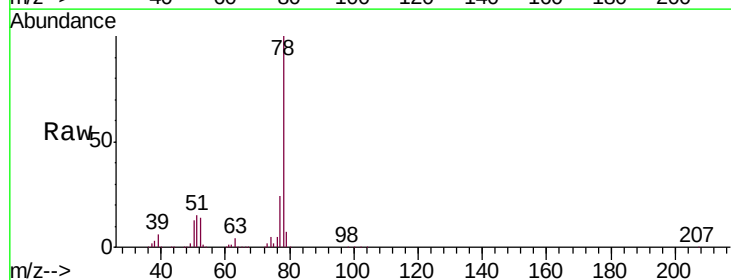
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

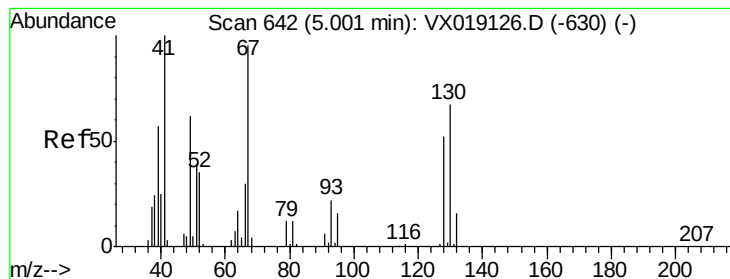
Tgt Ion: 83 Resp: 459118
Ion Ratio Lower Upper
83 100
55 64.5 51.7 77.5
98 49.7 41.9 62.9



#40
Benzene
Concen: 153.905 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 78 Resp: 1078968
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3





#41

Methacrylonitrile

Concen: 152.949 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 161436

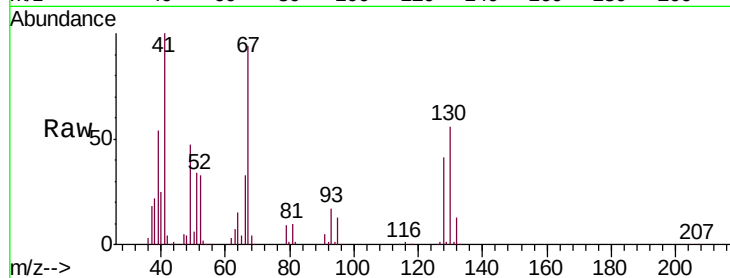
Ion Ratio Lower Upper

41 100

39 54.7 44.7 67.1

67 95.8 75.3 112.9

52 35.1 27.8 41.8

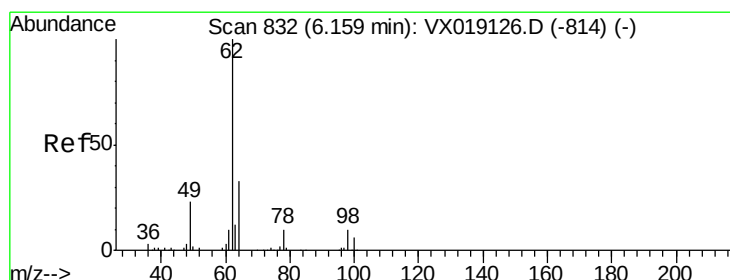
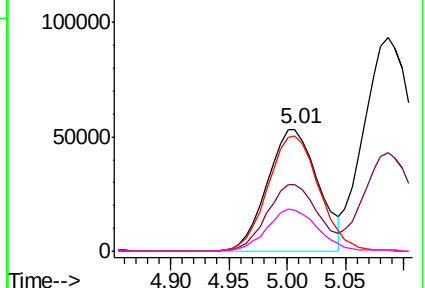
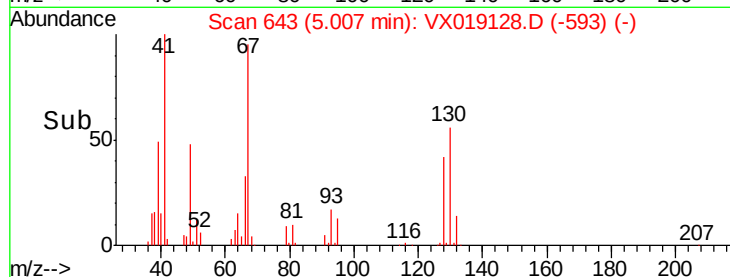


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 153.358 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019128.D

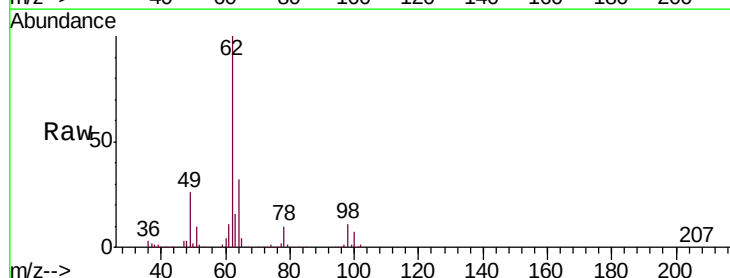
Acq: 26 Oct 2020 19:16

Tgt Ion: 62 Resp: 362283

Ion Ratio Lower Upper

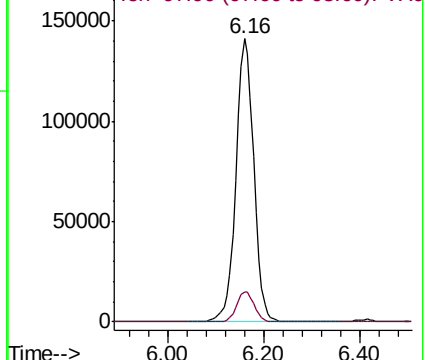
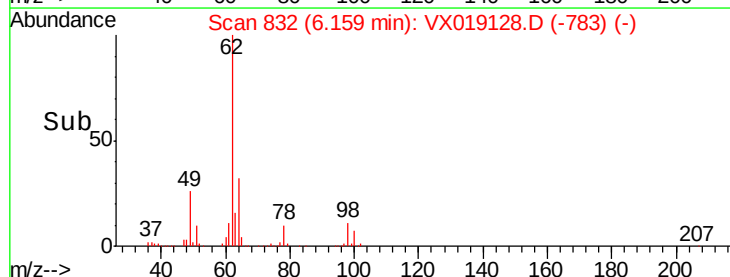
62 100

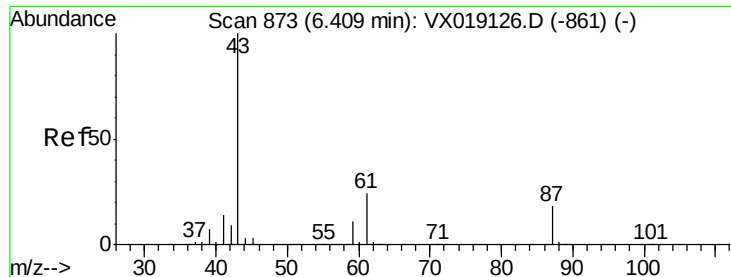
98 10.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 154.232 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

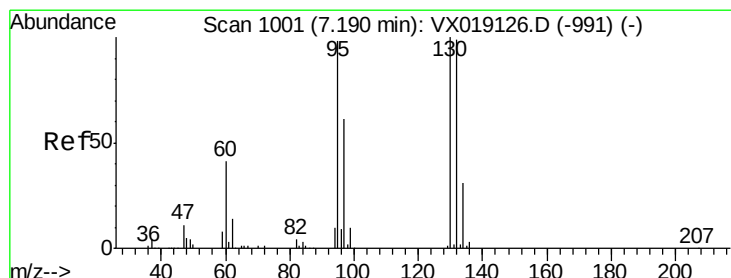
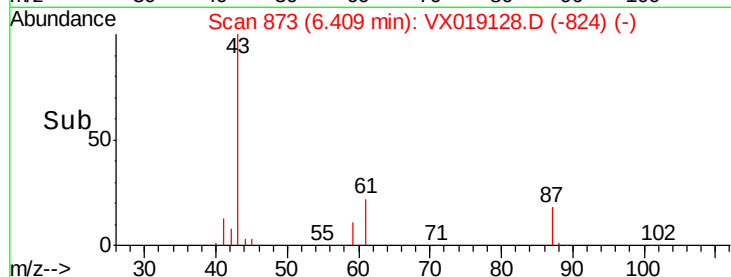
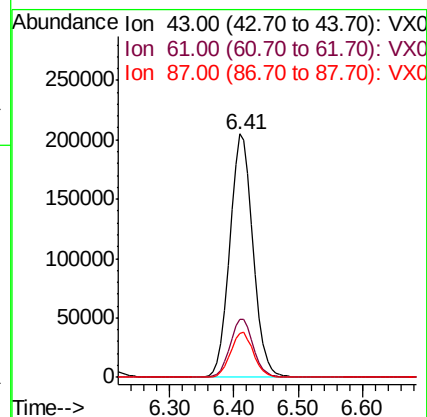
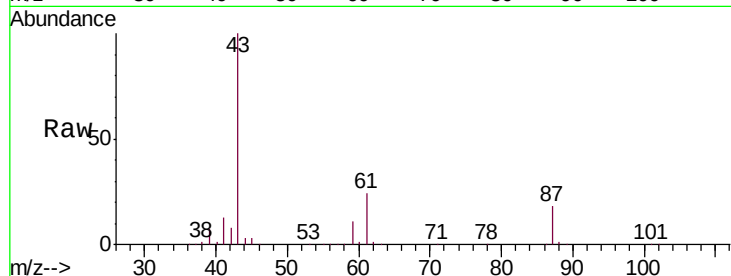
Tgt Ion: 43 Resp: 518728

Ion Ratio Lower Upper

43 100

61 24.0 19.0 28.4

87 18.3 14.3 21.5



#44

Trichloroethene

Concen: 154.897 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019128.D

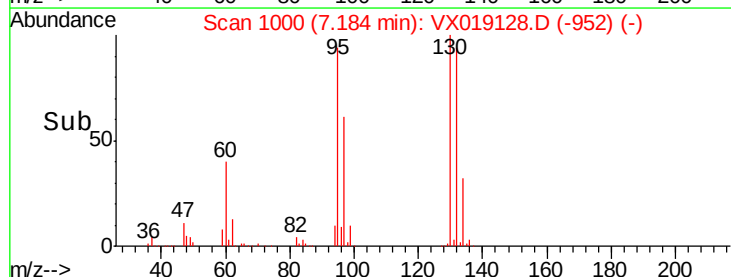
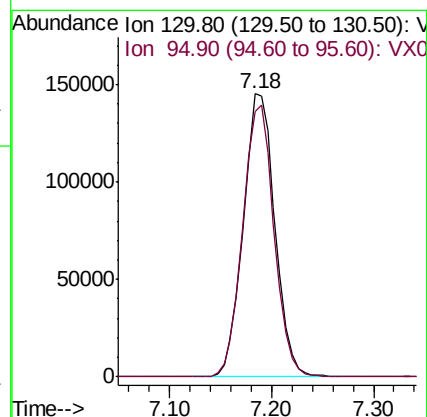
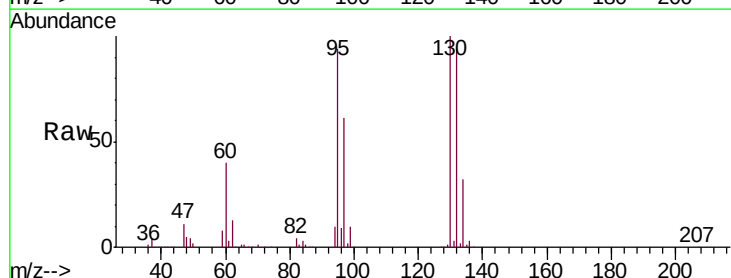
Acq: 26 Oct 2020 19:16

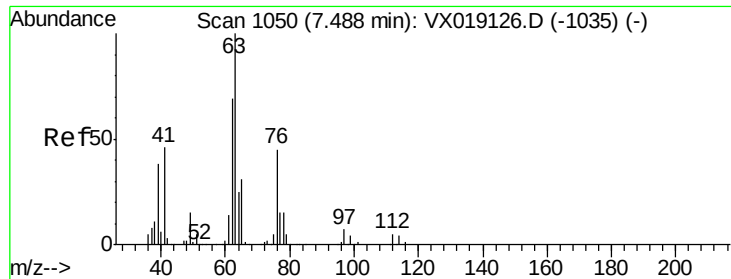
Tgt Ion:130 Resp: 312478

Ion Ratio Lower Upper

130 100

95 94.0 0.0 195.6

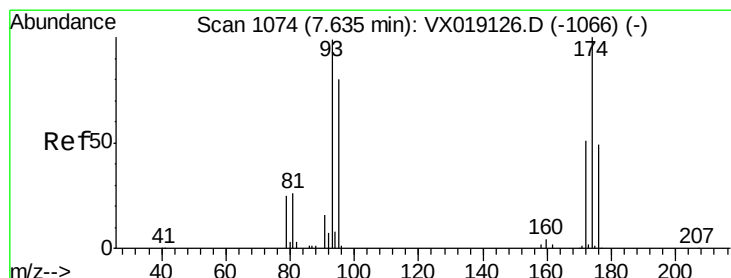
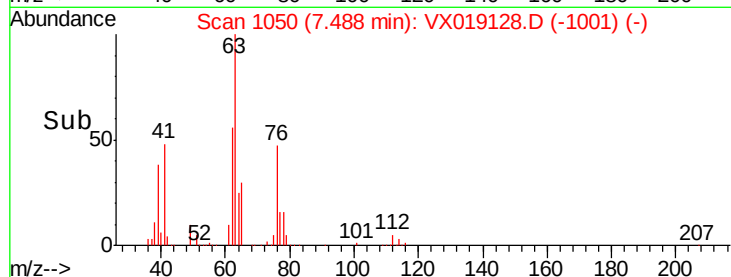
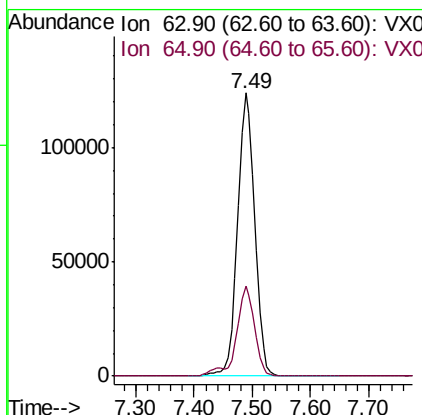
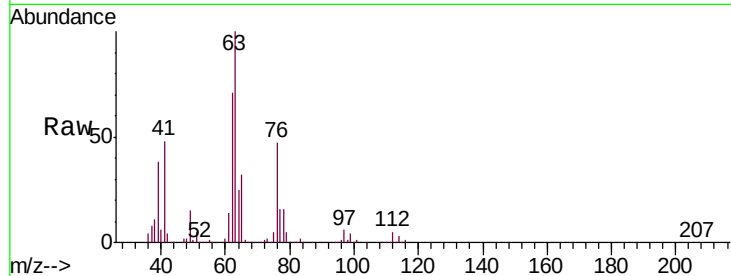




#45
 1,2-Dichloropropane
 Concen: 155.361 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

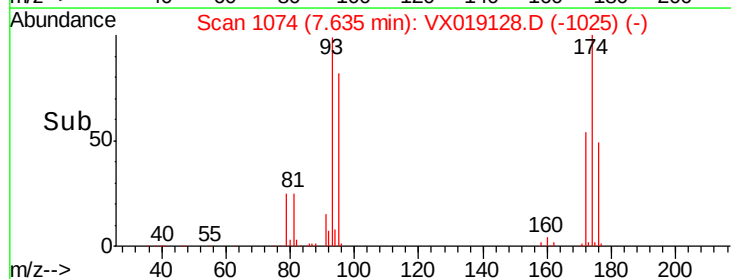
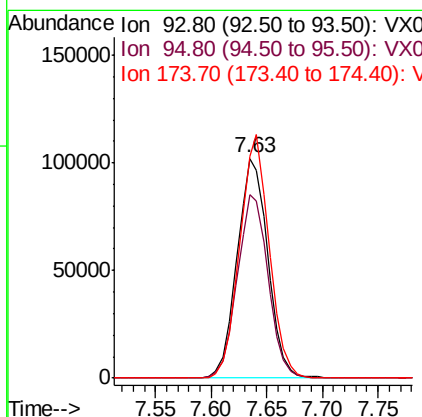
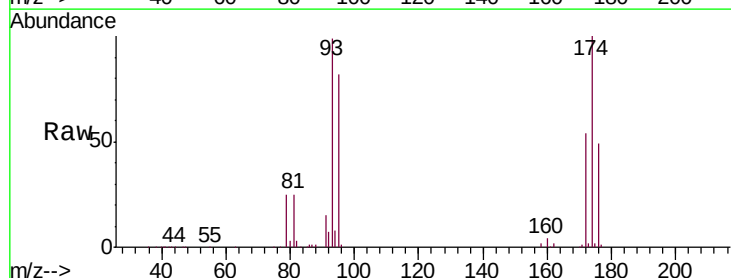
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

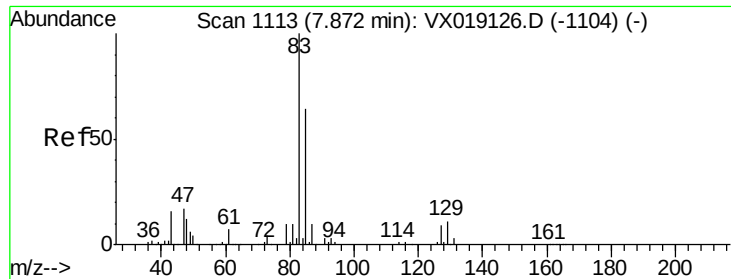
Tgt Ion: 63 Resp: 254302
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.4



#46
 Dibromomethane
 Concen: 156.858 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 93 Resp: 194729
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 106.8 84.5 126.7





#47

Bromodichloromethane

Concen: 162.402 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

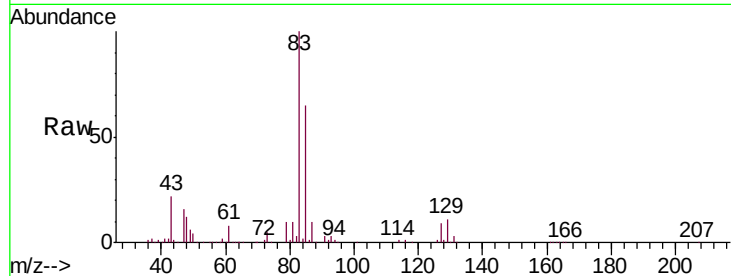
Tgt Ion: 83 Resp: 391817

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

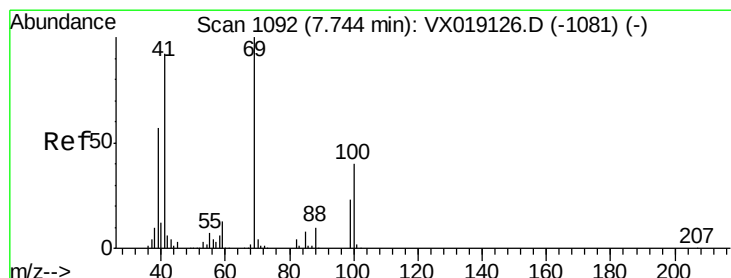
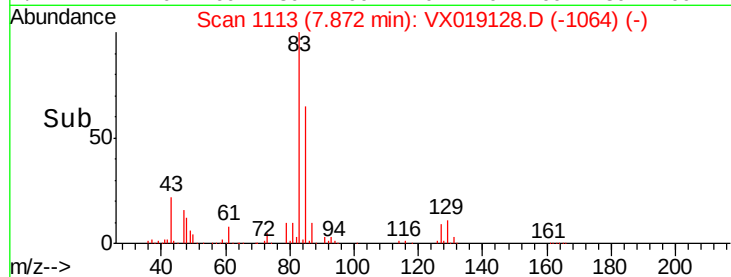
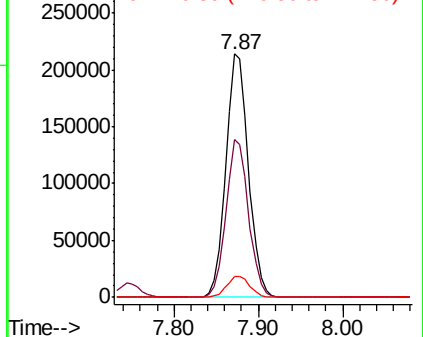
127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 157.606 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

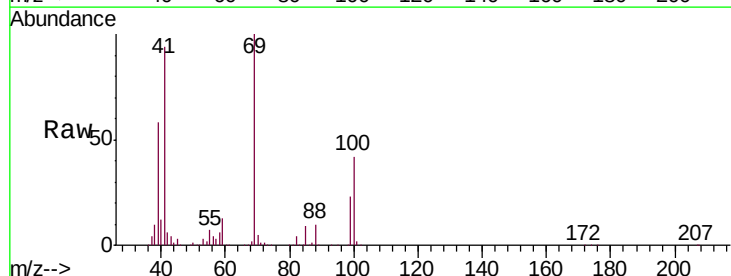
Tgt Ion: 41 Resp: 247994

Ion Ratio Lower Upper

41 100

69 107.9 86.3 129.5

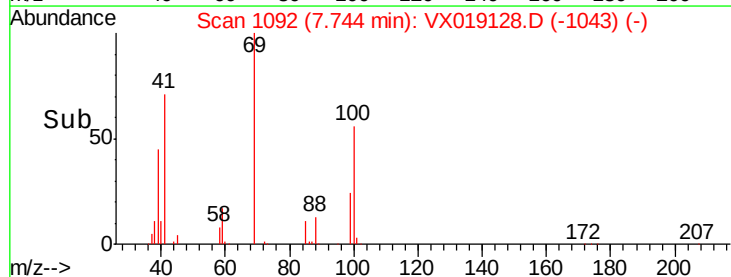
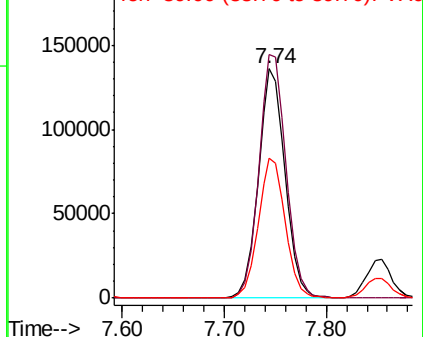
39 61.9 49.7 74.5

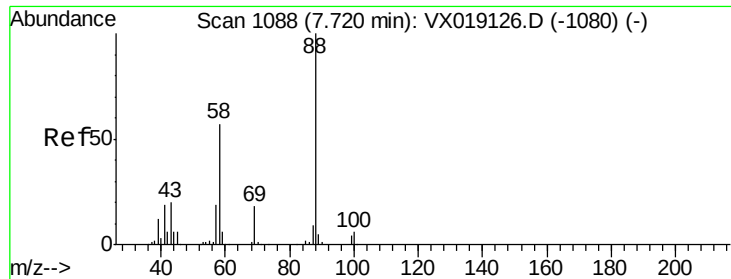


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

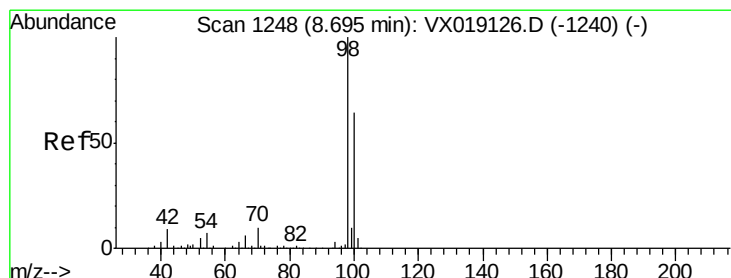
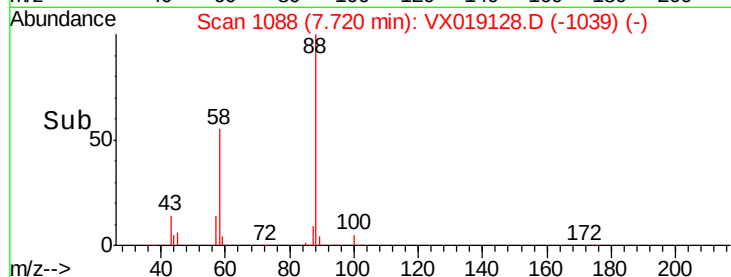
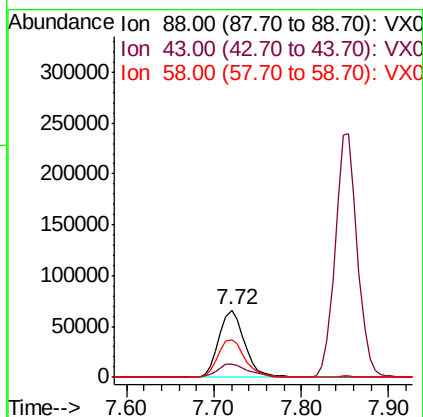
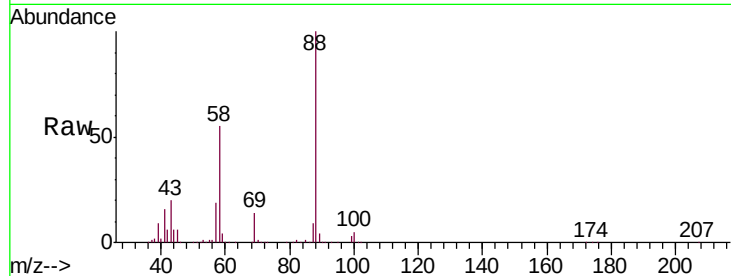




#49
1,4-Dioxane
Concen: 3205.633 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

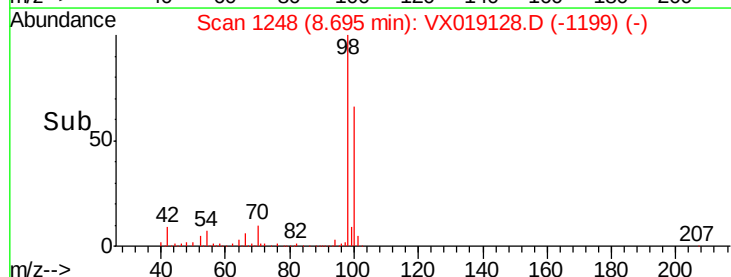
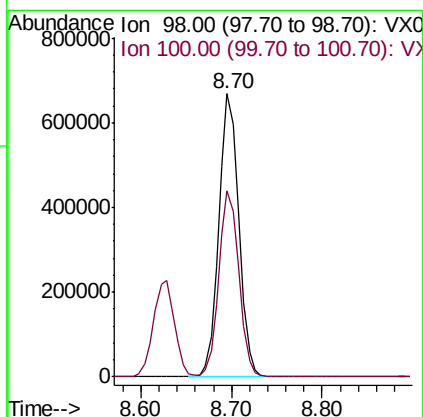
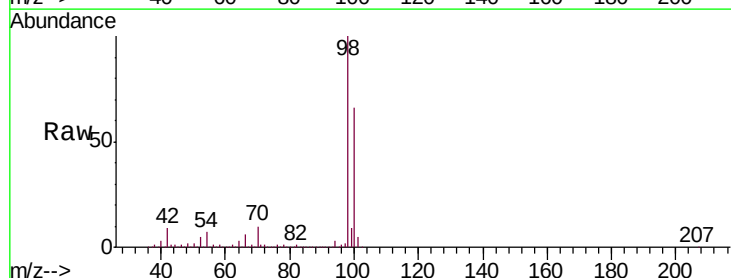
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

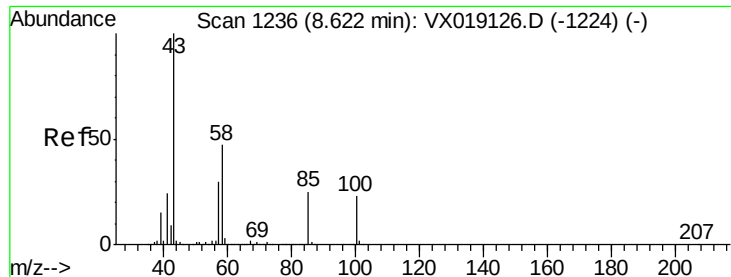
Tgt Ion: 88 Resp: 135591
Ion Ratio Lower Upper
88 100
43 24.3 19.7 29.5
58 58.6 47.8 71.6



#50
Toluene-d8
Concen: 157.248 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 98 Resp: 1026322
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

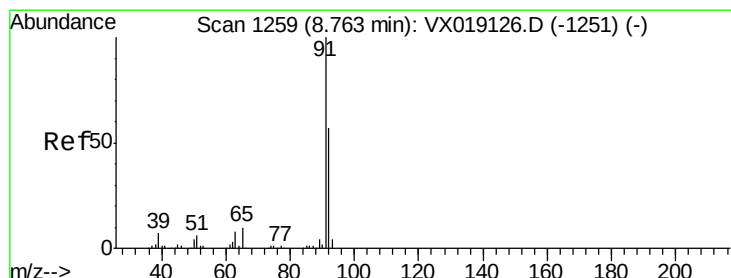
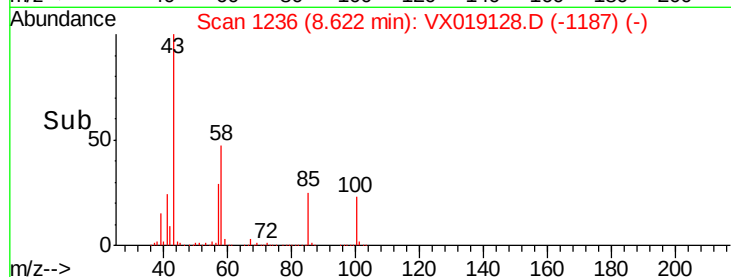
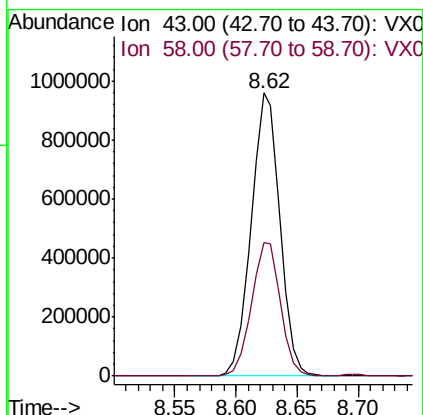
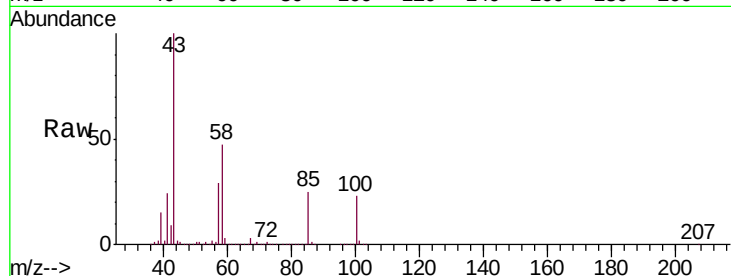




#51
4-Methyl-2-Pentanone
Concen: 798.099 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

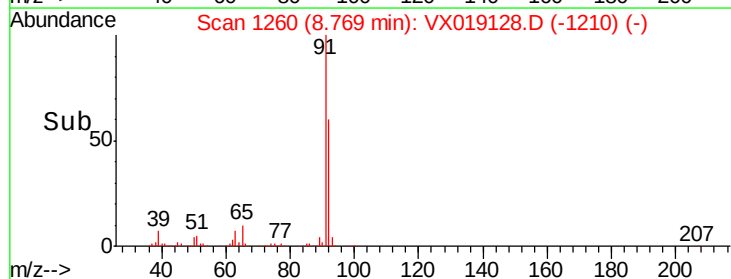
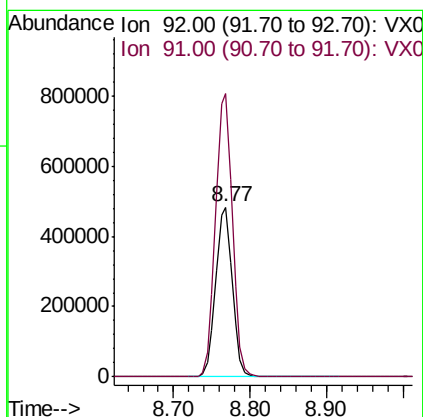
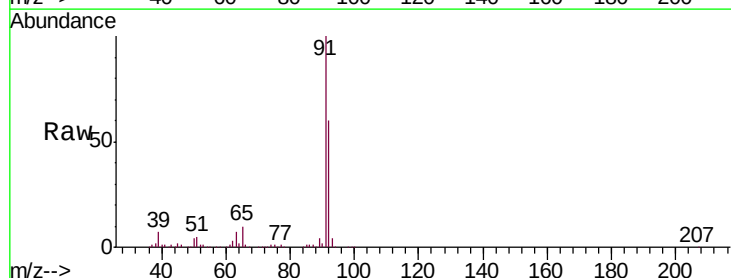
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

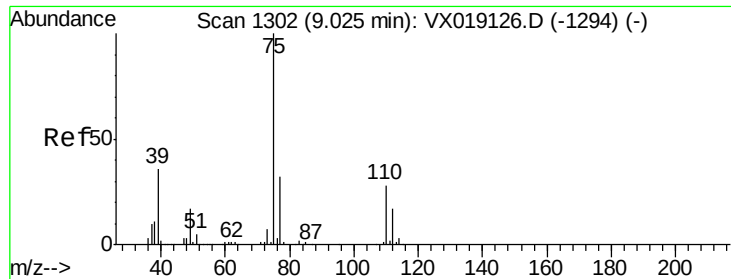
Tgt Ion: 43 Resp: 1568753
Ion Ratio Lower Upper
43 100
58 47.6 37.3 55.9



#52
Toluene
Concen: 159.179 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 92 Resp: 724031
Ion Ratio Lower Upper
92 100
91 170.6 138.4 207.6

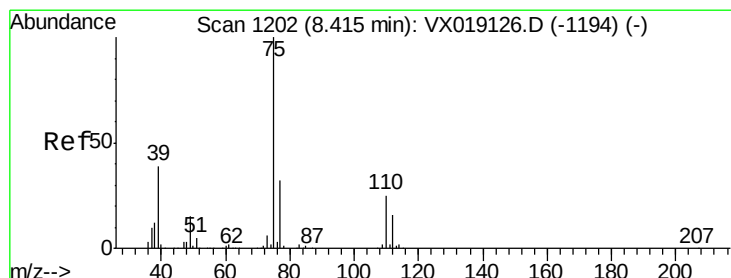
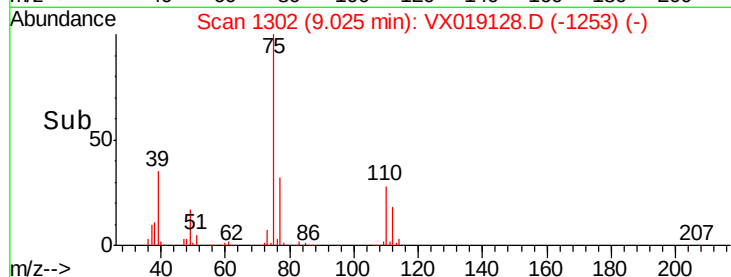
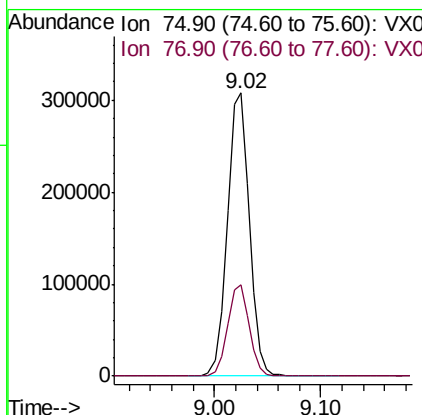
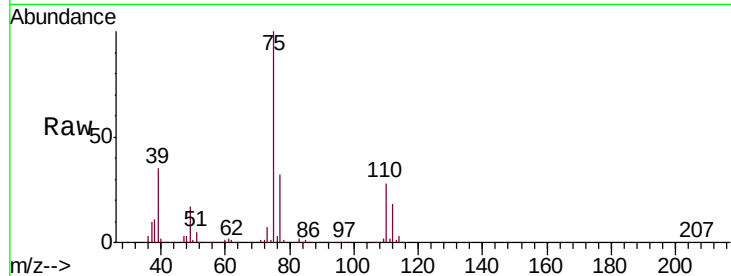




#53
 t-1,3-Dichloropropene
 Concen: 166.936 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

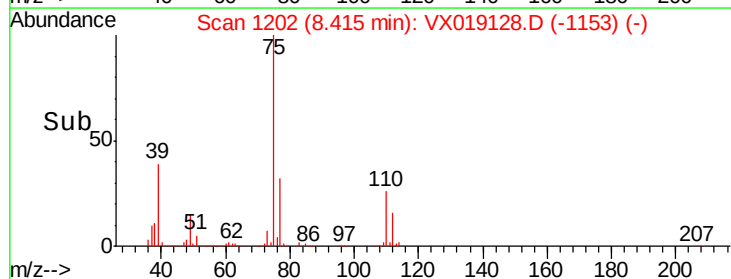
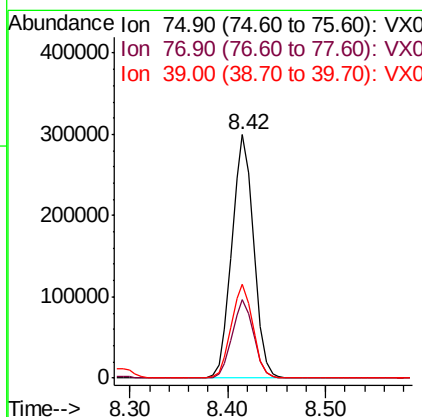
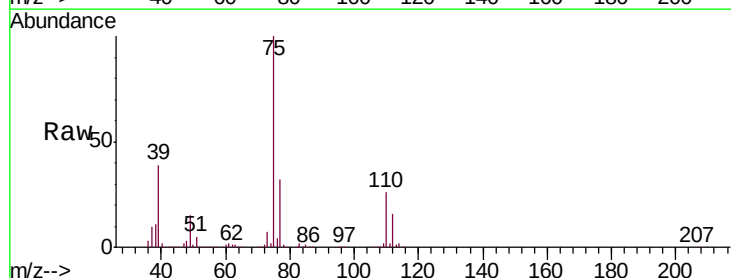
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

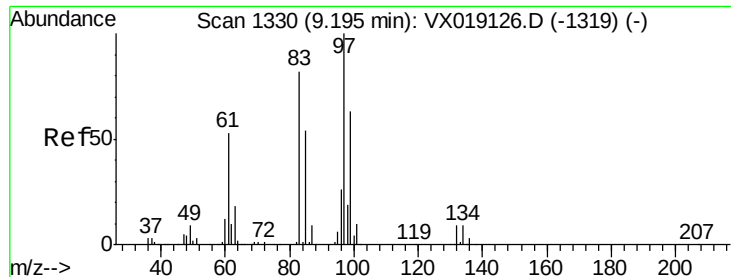
Tgt Ion: 75 Resp: 444910
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 162.863 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 75 Resp: 463230
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2
 39 38.6 31.0 46.6

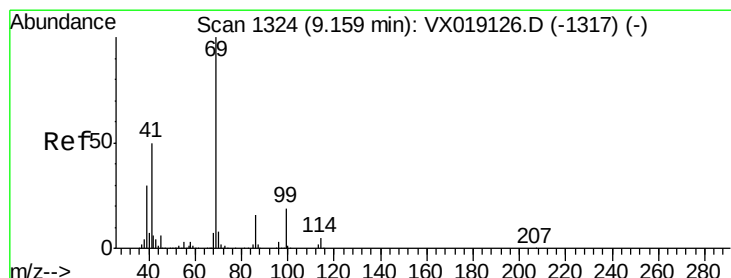
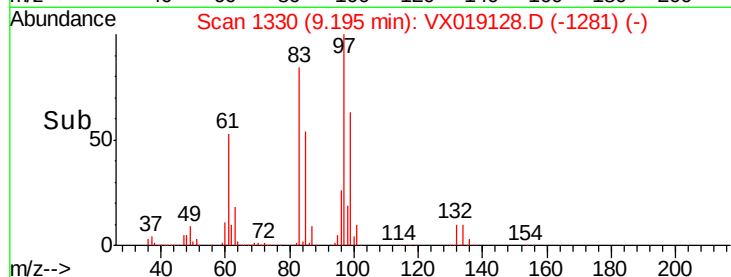
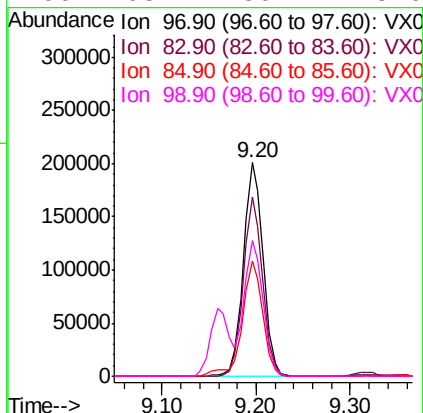
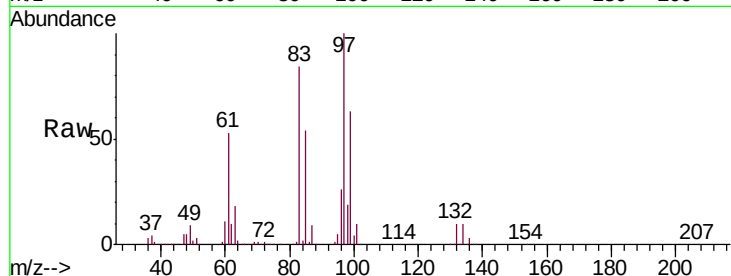




#55
 1,1,2-Trichloroethane
 Concen: 159.966 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

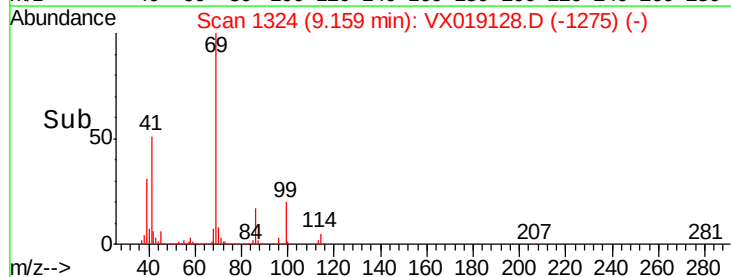
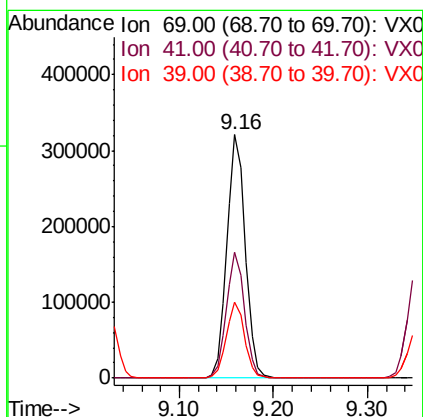
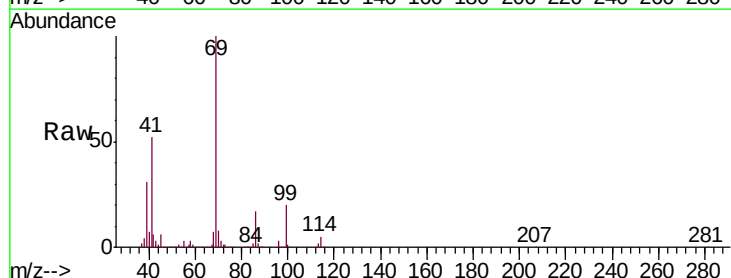
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

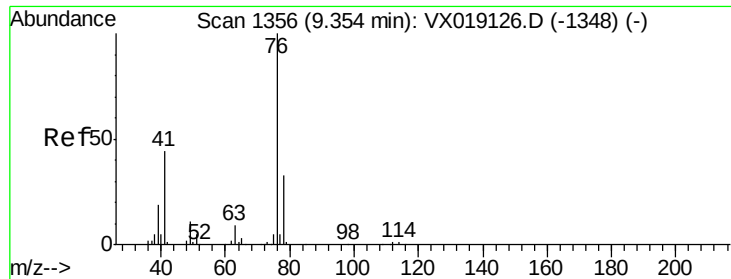
Tgt Ion:	97	Resp:	289593
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.6	98.4
85	53.8	43.4	65.2
99	63.2	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 167.849 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:	69	Resp:	433923
Ion	Ratio	Lower	Upper
69	100		
41	51.0	40.3	60.5
39	31.0	24.6	37.0

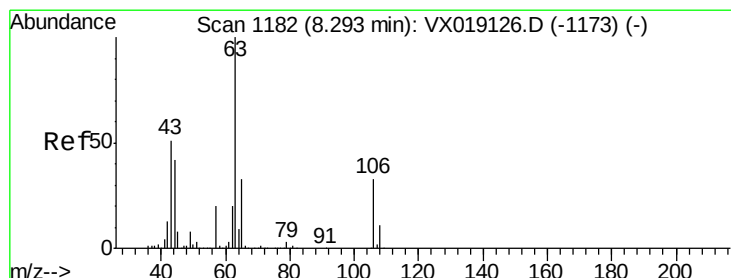
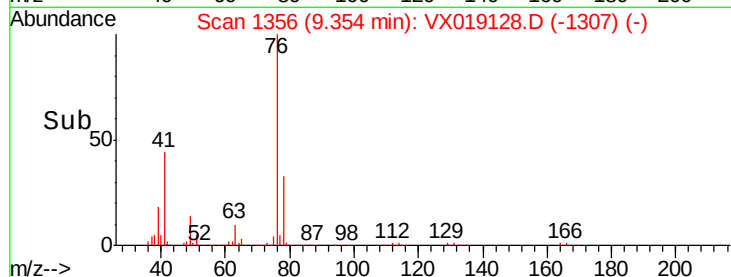
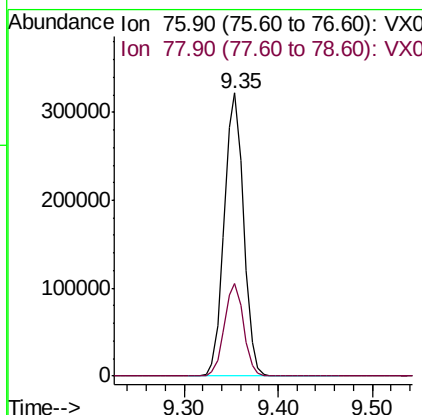
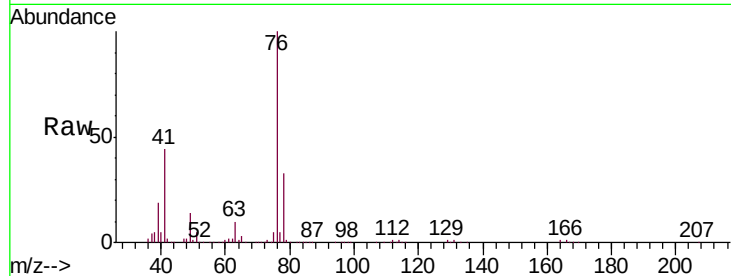




#57
 1,3-Dichloropropane
 Concen: 155.759 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

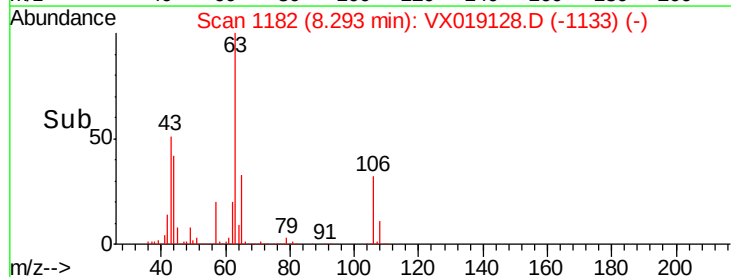
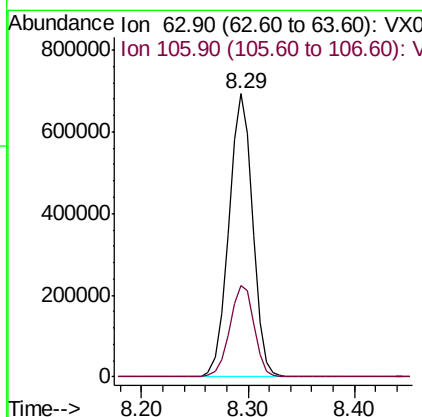
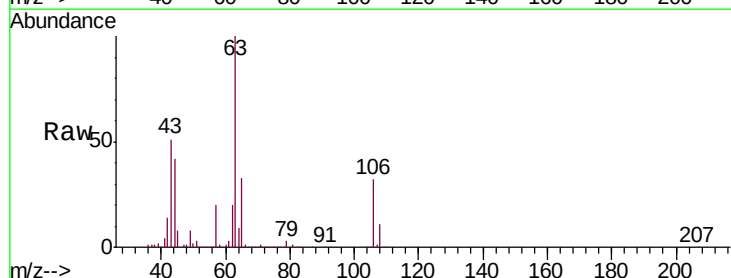
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

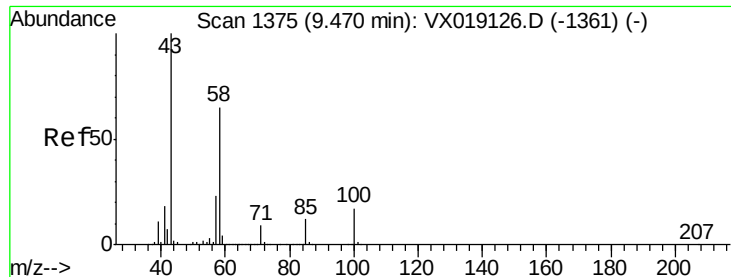
Tgt Ion: 76 Resp: 459258
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 777.262 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 63 Resp: 1086086
 Ion Ratio Lower Upper
 63 100
 106 33.1 26.2 39.4

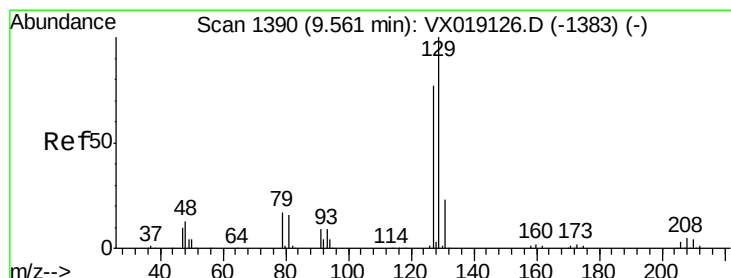
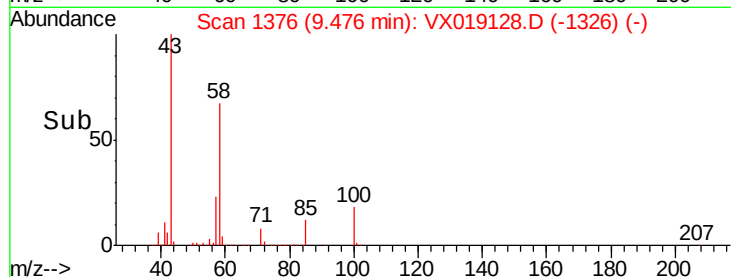
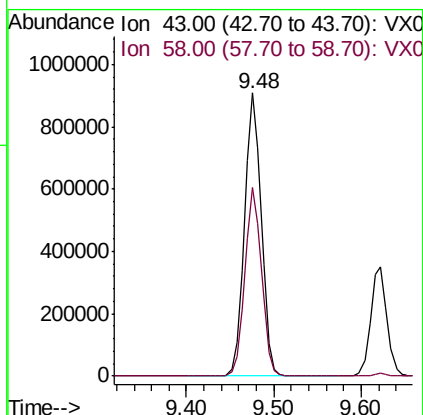
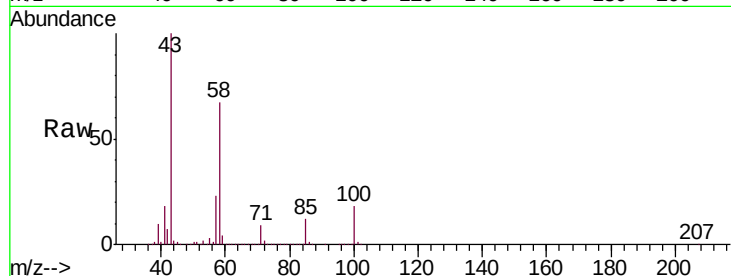




#59
2-Hexanone
Concen: 810.219 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

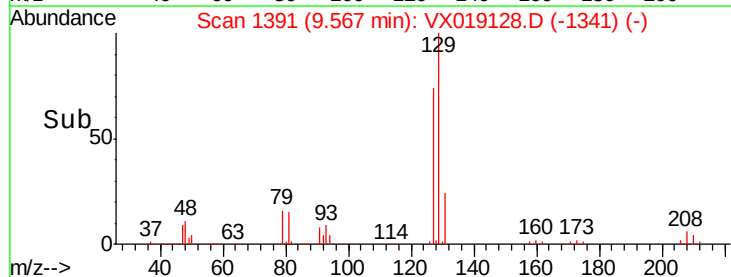
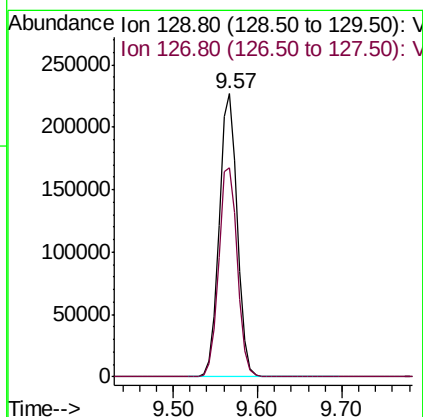
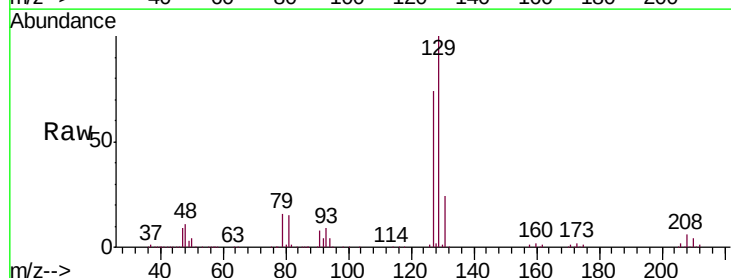
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

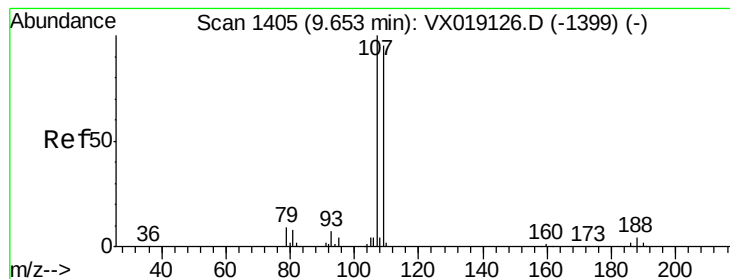
Tgt Ion: 43 Resp: 1209196
Ion Ratio Lower Upper
43 100
58 65.9 33.1 99.3



#60
Dibromochloromethane
Concen: 150.723 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion: 129 Resp: 336032
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 162.492 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

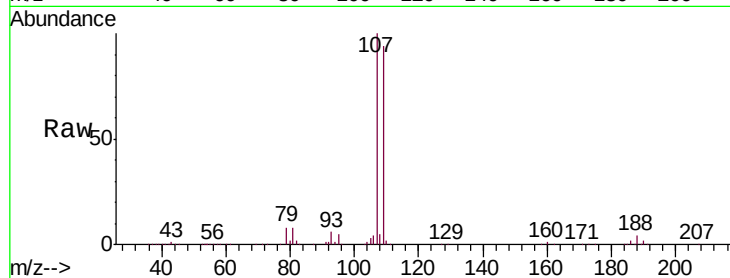
VSTDIC150

Tgt Ion: 107 Resp: 312884

Ion Ratio Lower Upper

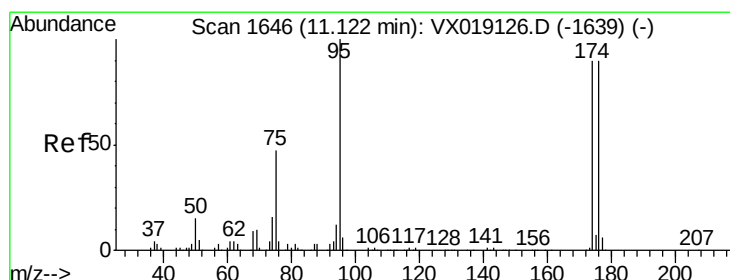
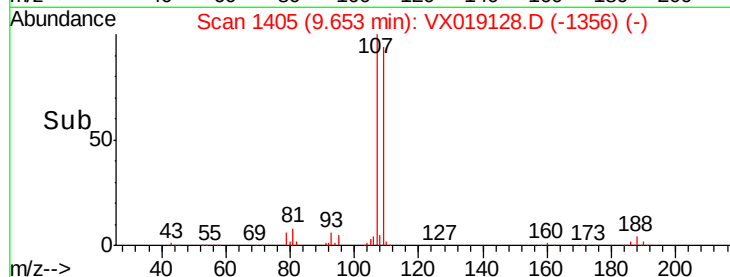
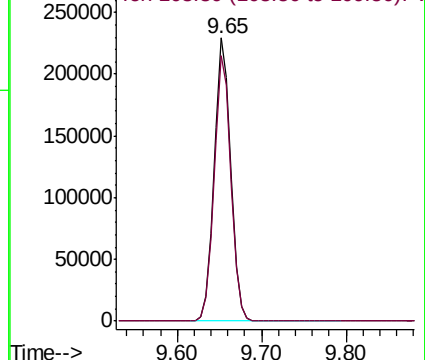
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 167.919 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

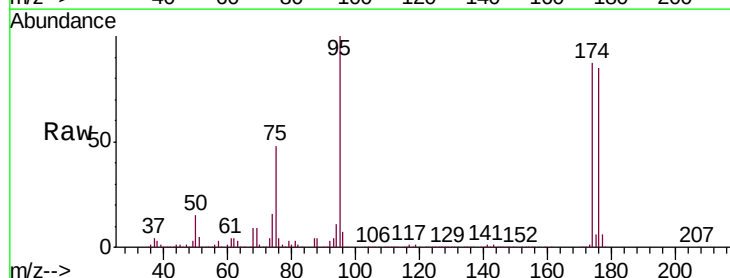
Tgt Ion: 95 Resp: 386684

Ion Ratio Lower Upper

95 100

174 88.3 0.0 169.6

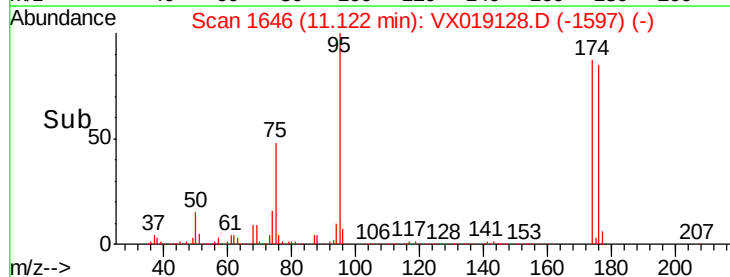
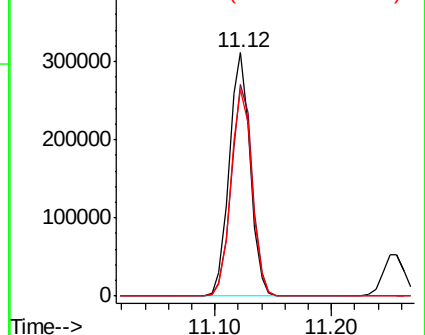
176 85.9 0.0 169.2

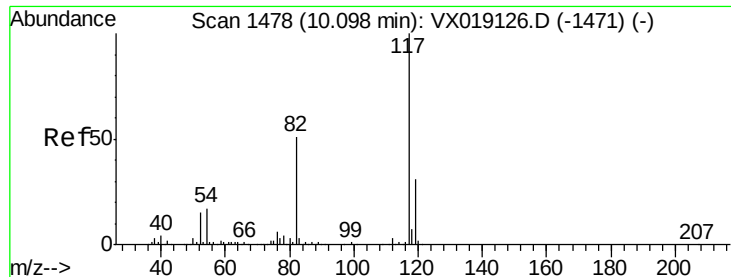


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

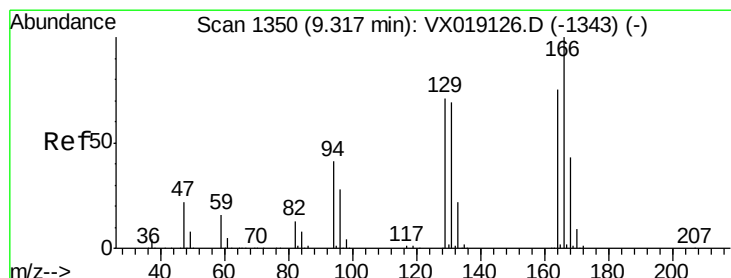
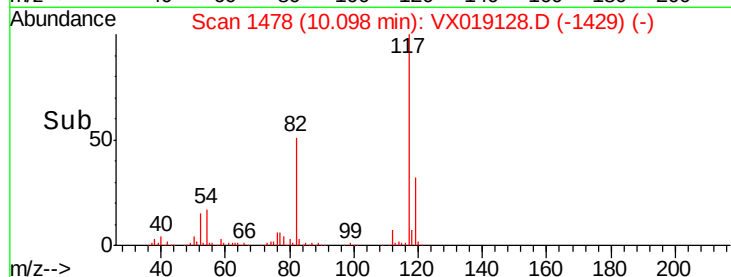
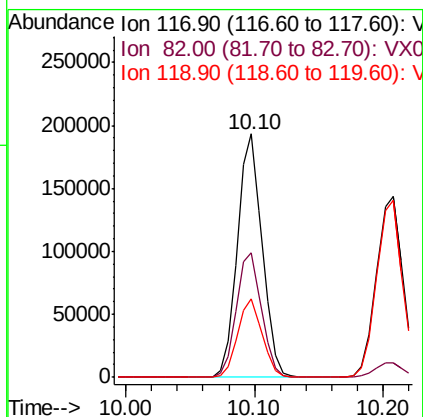
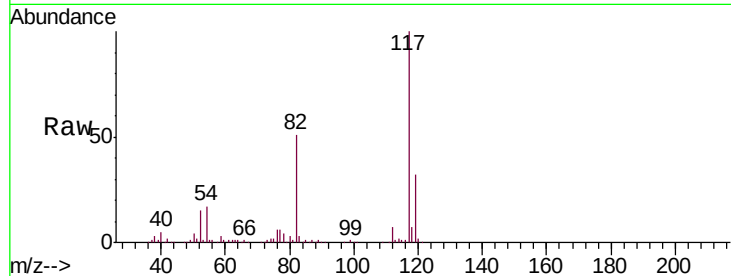




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

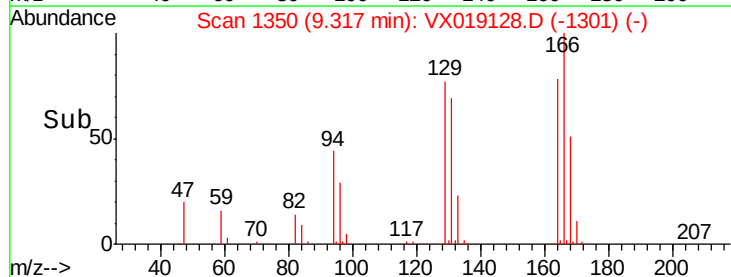
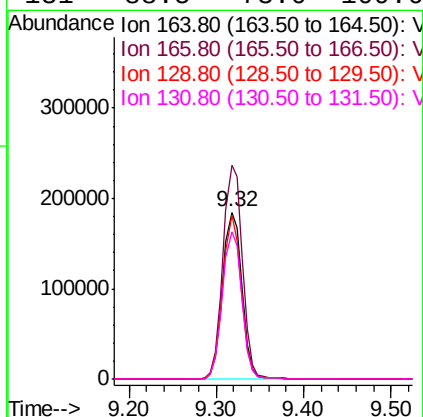
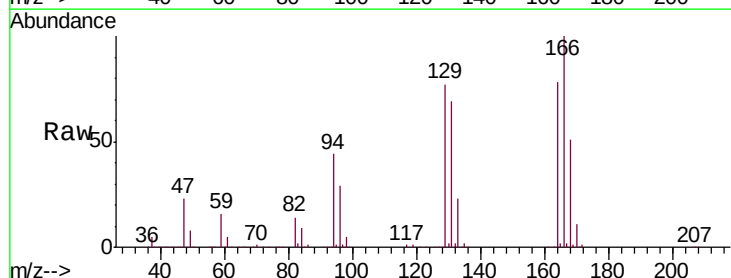
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

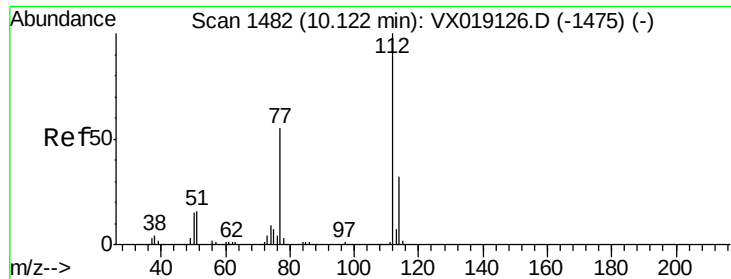
Tgt Ion:117 Resp: 256593
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 32.5 24.7 37.1



#64
Tetrachloroethene
Concen: 142.854 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:164 Resp: 281369
Ion Ratio Lower Upper
164 100
166 128.1 106.4 159.6
129 98.2 75.9 113.9
131 88.5 73.0 109.6

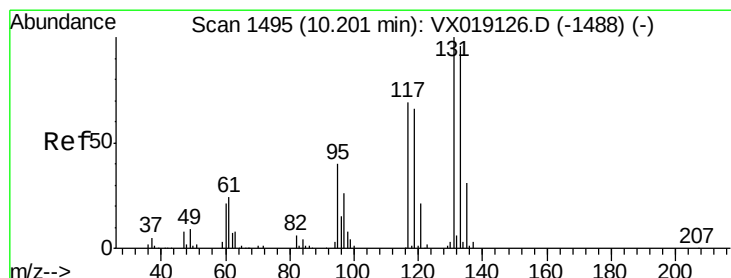
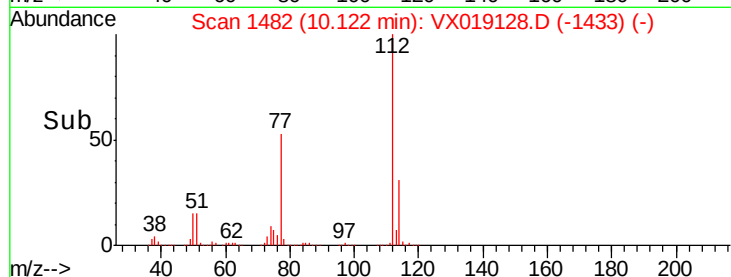
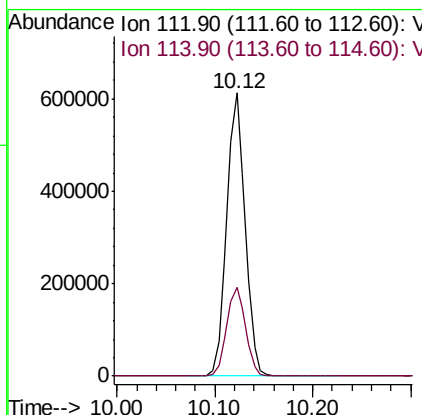
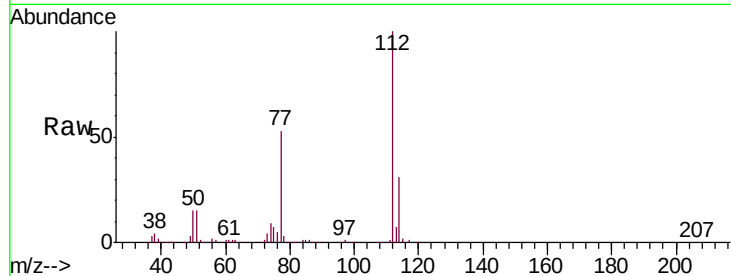




#65
Chlorobenzene
Concen: 156.113 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

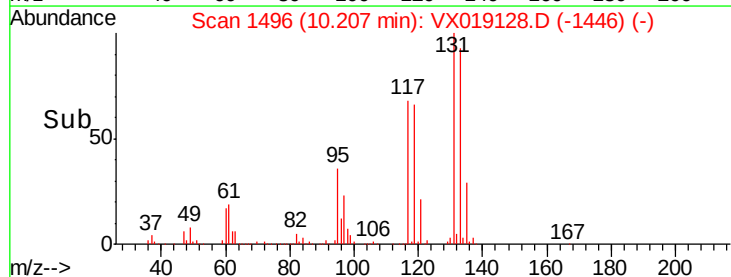
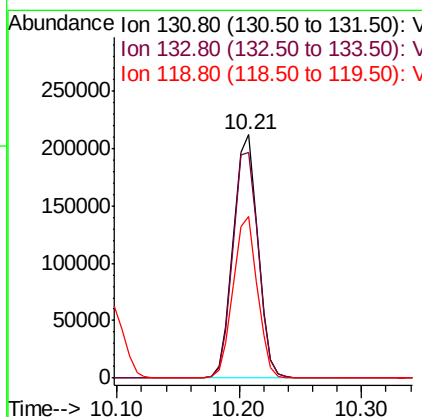
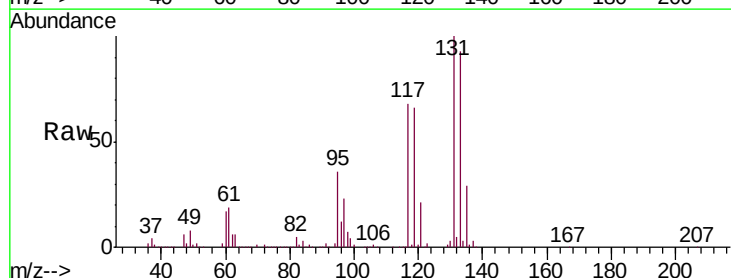
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

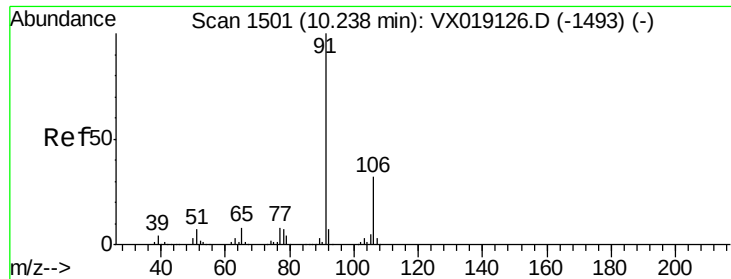
Tgt Ion:112 Resp: 800410
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 160.442 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:131 Resp: 293843
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 65.7 33.4 100.1





#67

Ethyl Benzene

Concen: 153.442 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

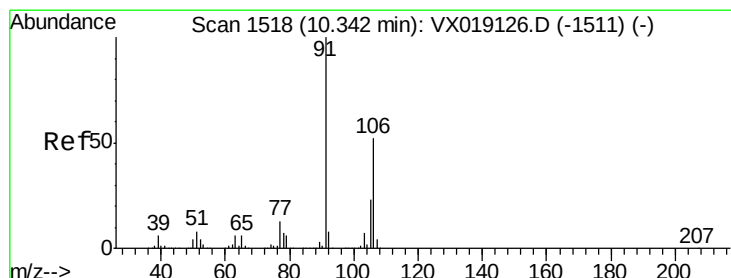
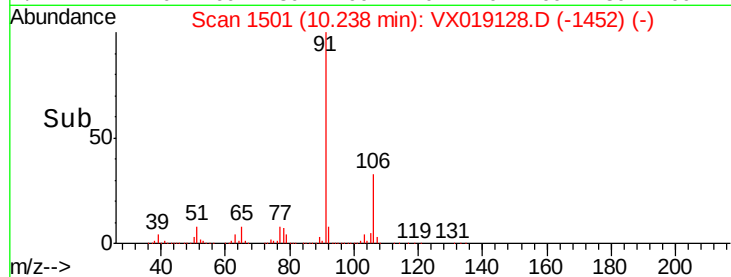
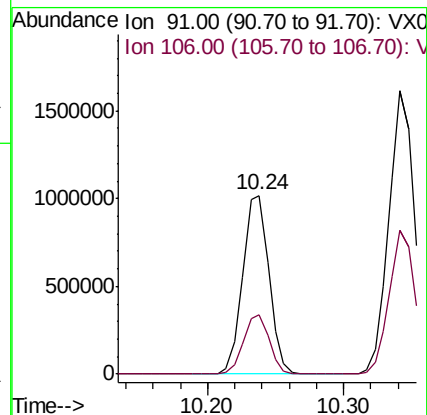
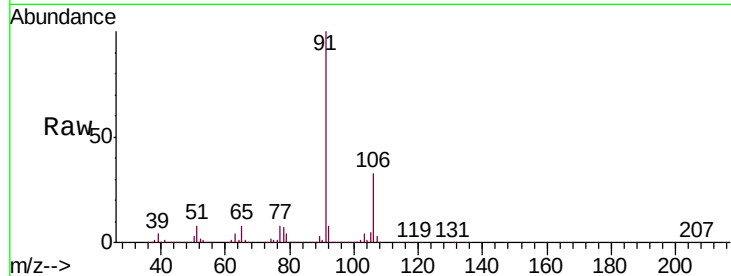
VSTDIC150

Tgt Ion: 91 Resp: 1373840

Ion Ratio Lower Upper

91 100

106 33.1 25.4 38.2



#68

m/p-Xylenes

Concen: 316.036 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019128.D

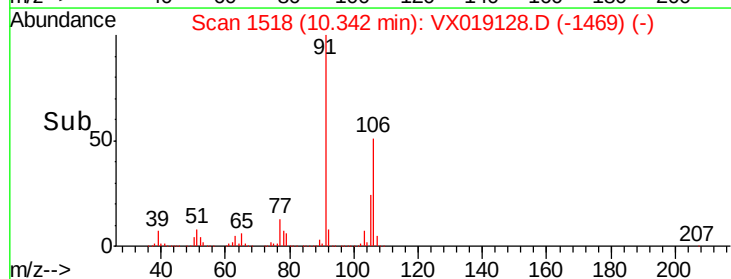
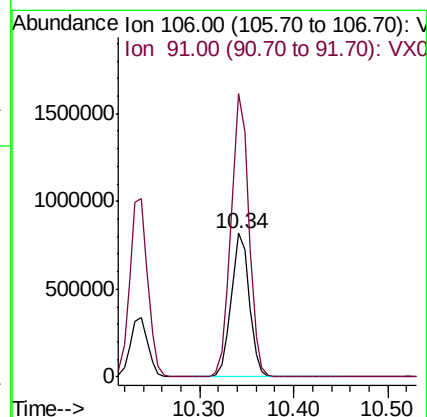
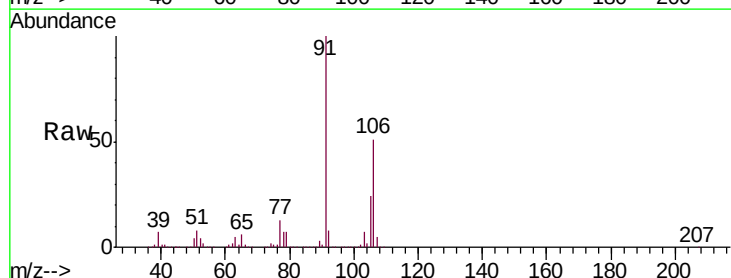
Acq: 26 Oct 2020 19:16

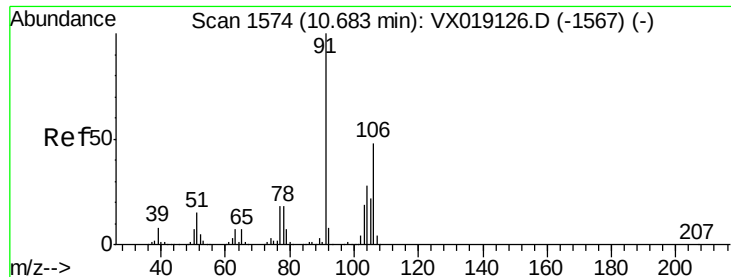
Tgt Ion: 106 Resp: 1092633

Ion Ratio Lower Upper

106 100

91 195.2 157.4 236.0

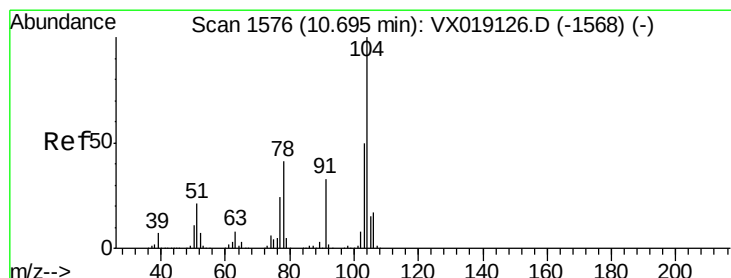
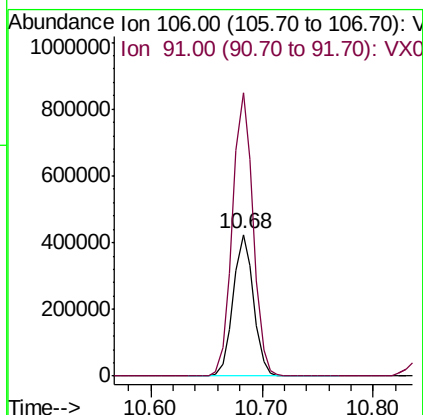
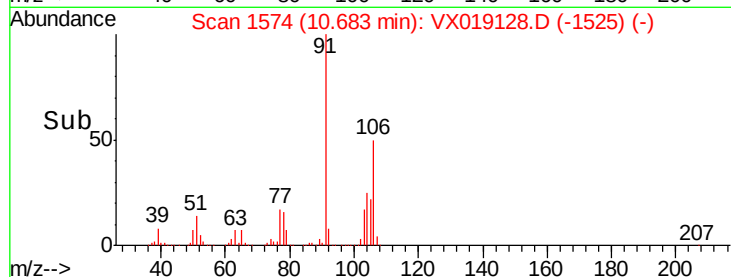
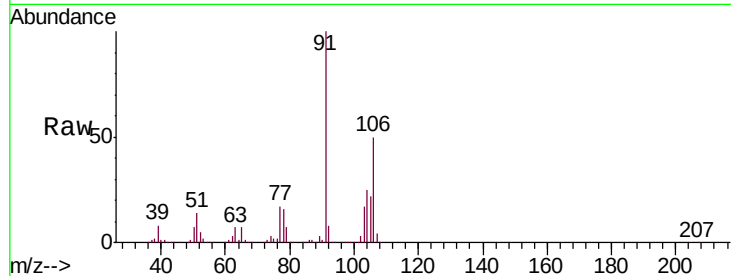




#69
o-Xylene
Concen: 161.725 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

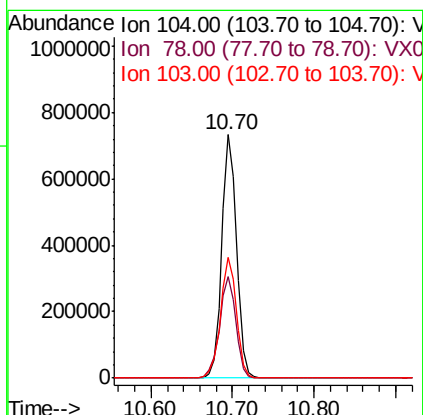
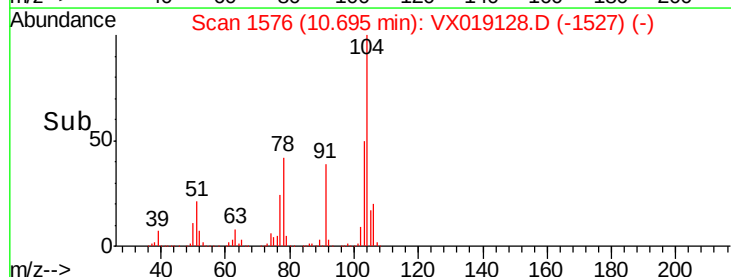
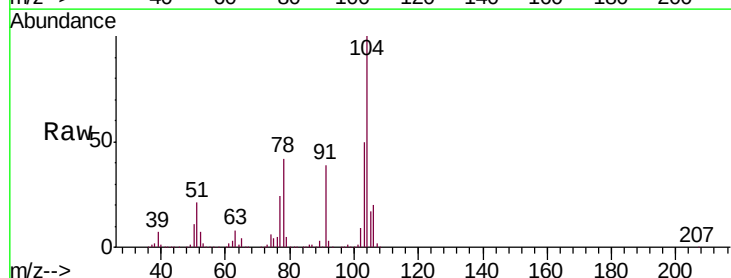
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

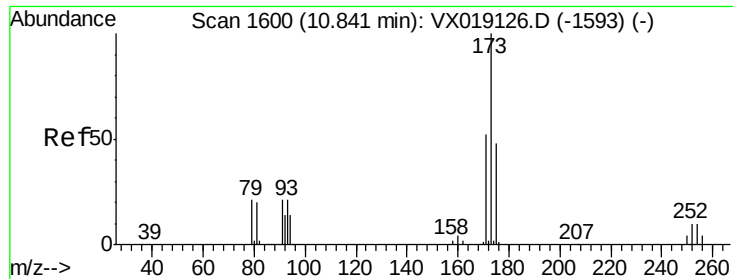
Tgt Ion:106 Resp: 535819
Ion Ratio Lower Upper
106 100
91 202.7 104.5 313.3



#70
Styrene
Concen: 167.824 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:104 Resp: 926846
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 53.9 43.7 65.5





#71

Bromoform

Concen: 151.019 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

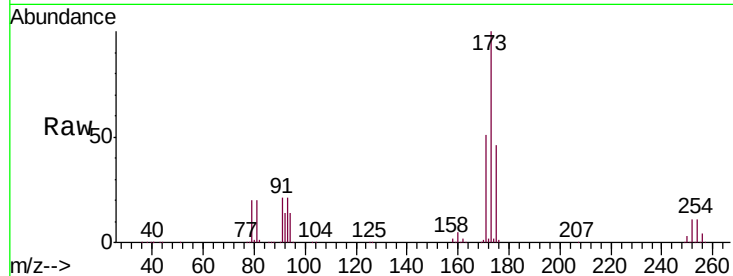
Tgt Ion:173 Resp: 264171

Ion Ratio Lower Upper

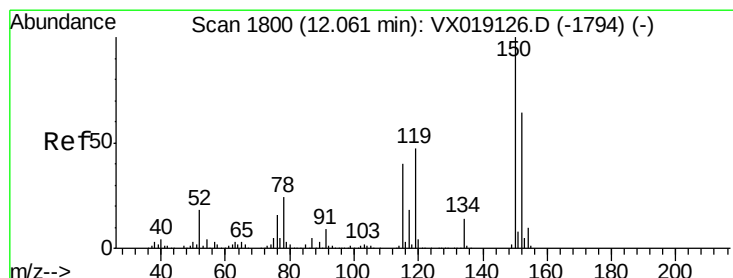
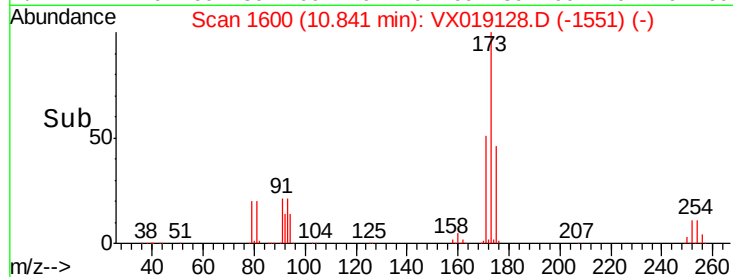
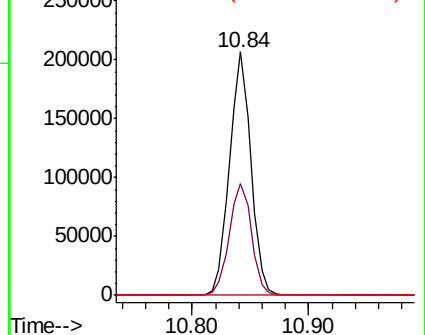
173 100

175 47.6 24.1 72.3

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: VX019128.D

Acq: 26 Oct 2020 19:16

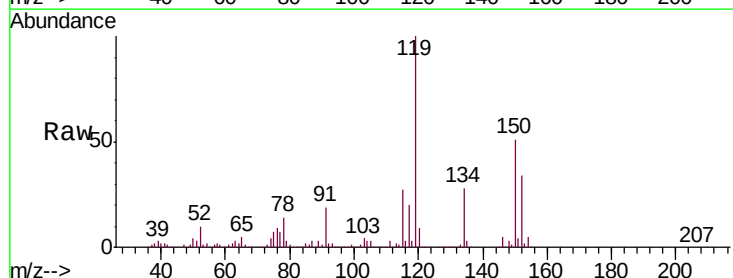
Tgt Ion:152 Resp: 141433

Ion Ratio Lower Upper

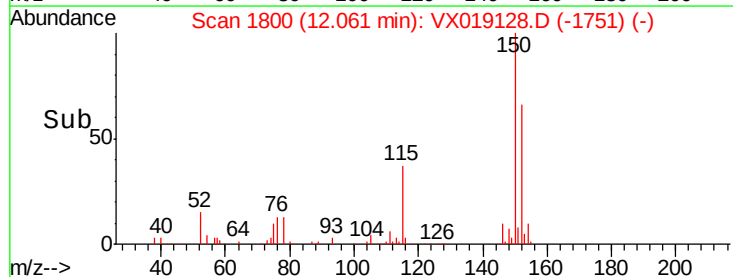
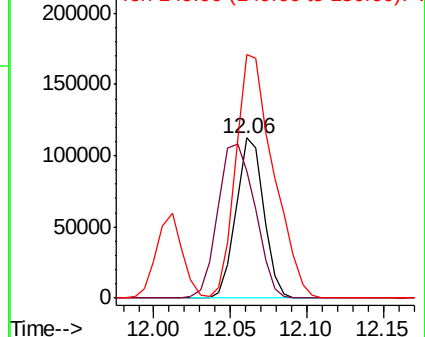
152 100

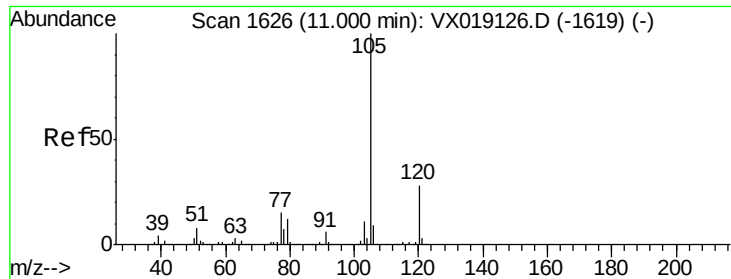
115 129.5 40.8 122.2#

150 205.9 0.0 350.4



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: 150.998 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

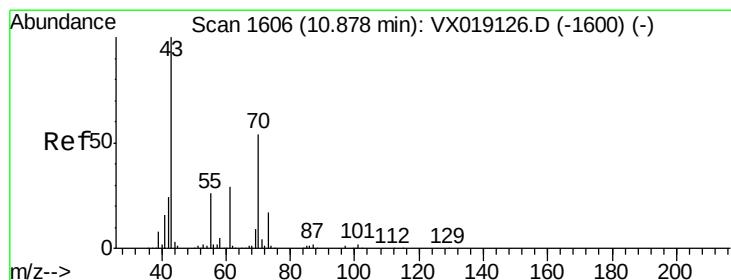
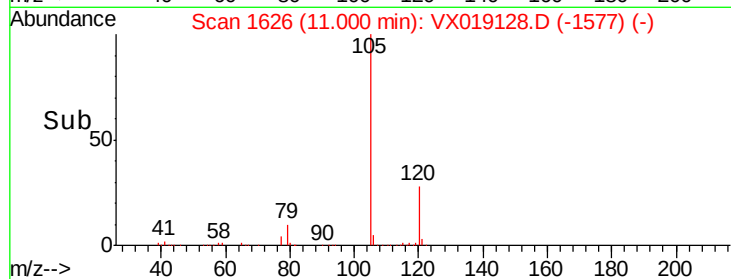
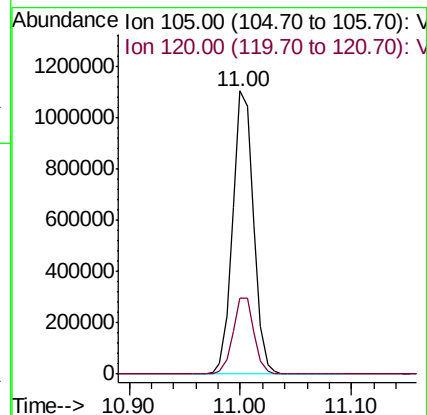
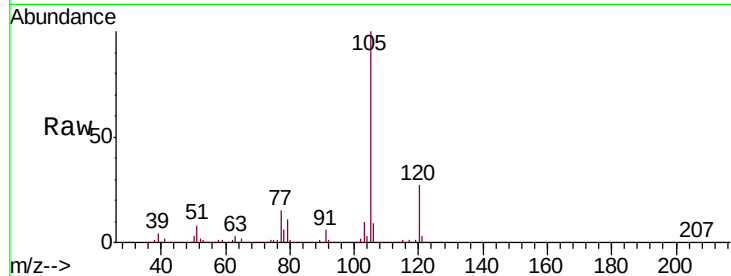
VSTDIC150

Tgt Ion:105 Resp: 1429221

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



#74

N-ethyl acetate

Concen: 157.649 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Tgt Ion: 43 Resp: 468554

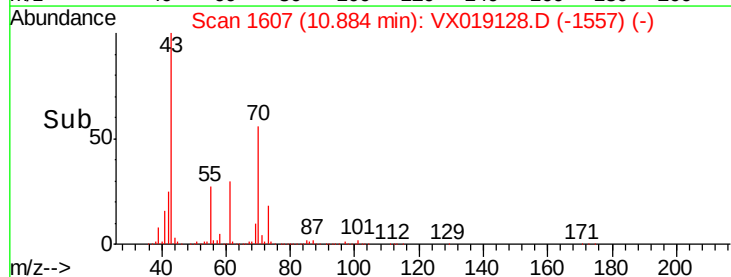
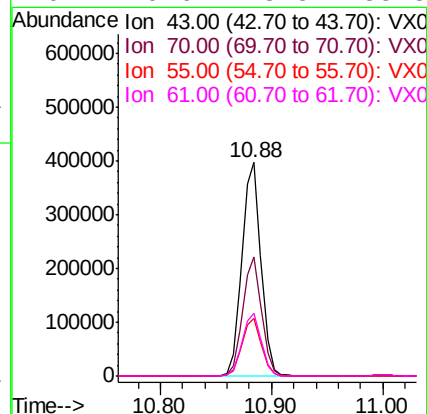
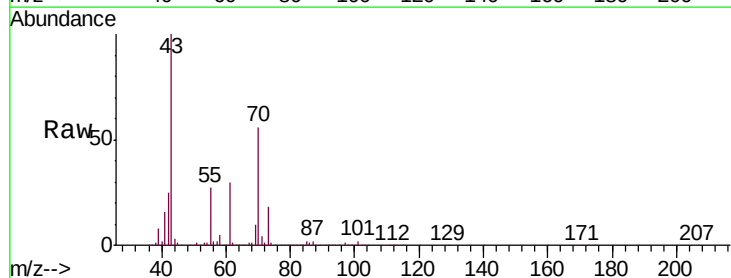
Ion Ratio Lower Upper

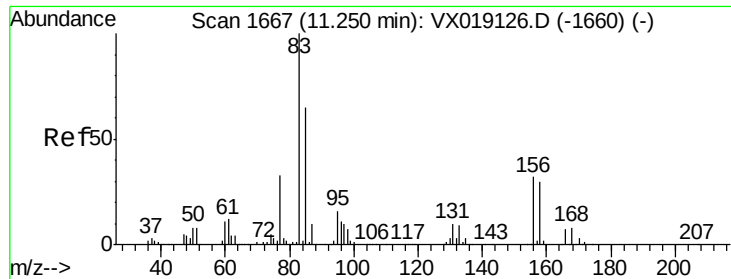
43 100

70 55.2 43.9 65.9

55 27.1 21.5 32.3

61 29.6 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 149.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

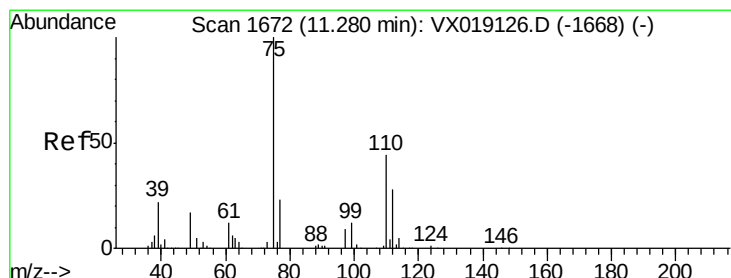
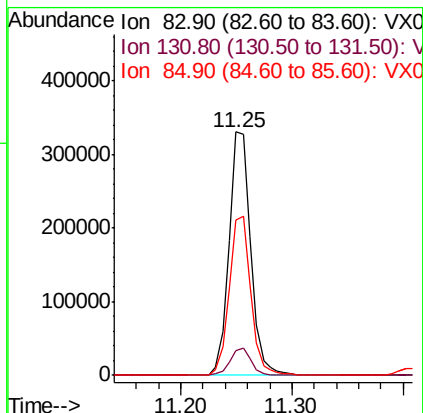
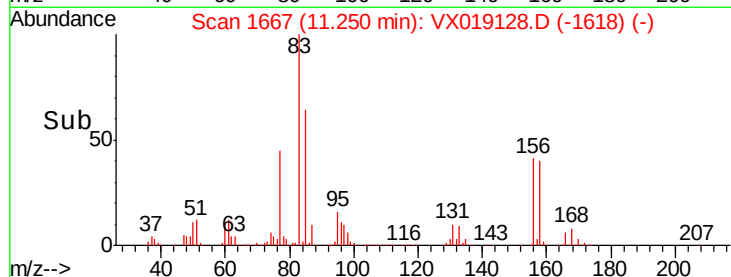
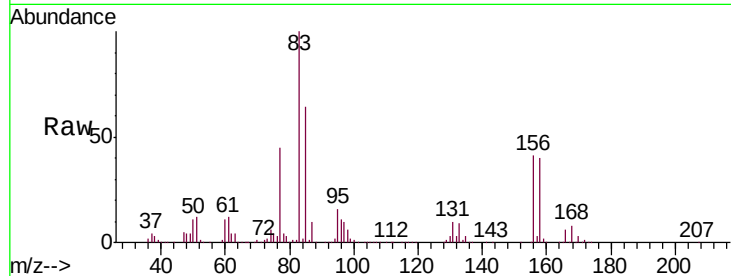
Tgt Ion: 83 Resp: 443506

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 189.984 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019128.D

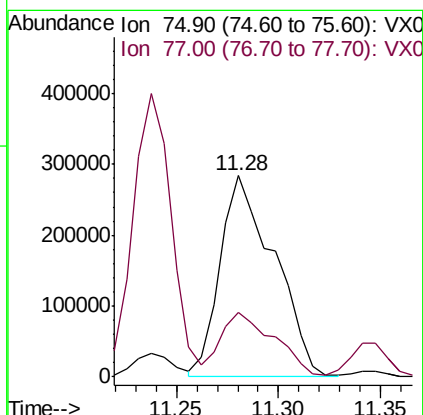
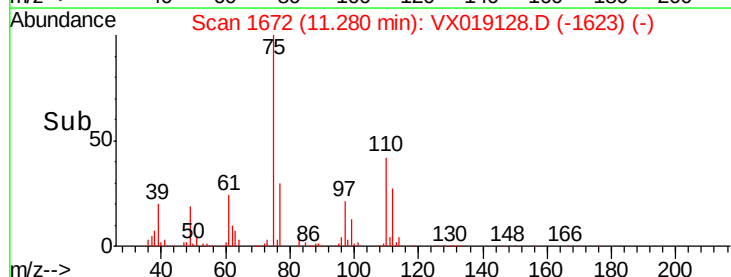
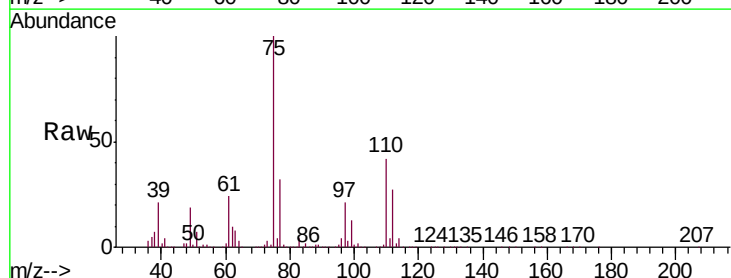
Acq: 26 Oct 2020 19:16

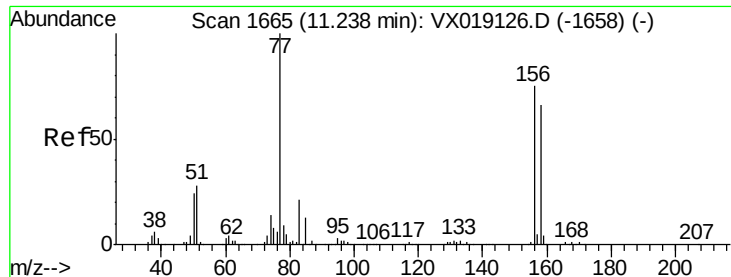
Tgt Ion: 75 Resp: 522956

Ion Ratio Lower Upper

75 100

77 32.1 20.4 61.3





#77

Bromobenzene

Concen: 157.495 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

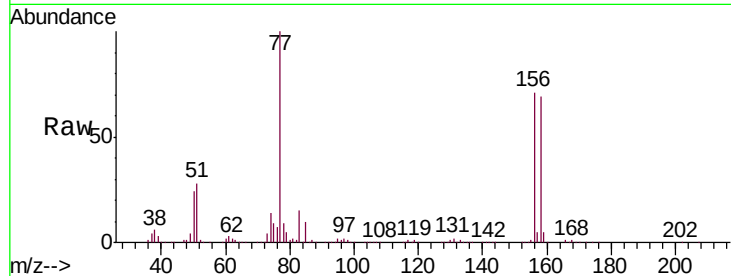
Tgt Ion:156 Resp: 374212

Ion Ratio Lower Upper

156 100

77 139.9 71.7 215.0

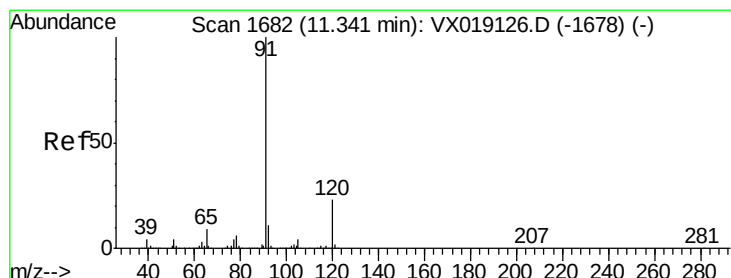
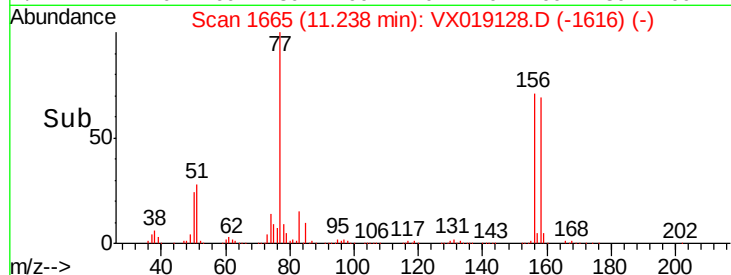
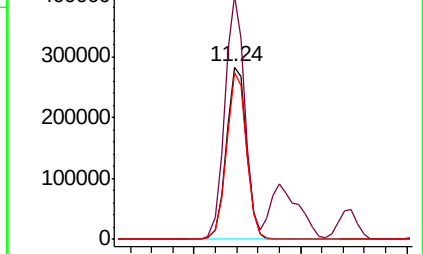
158 95.4 46.9 140.8



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: 151.941 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019128.D

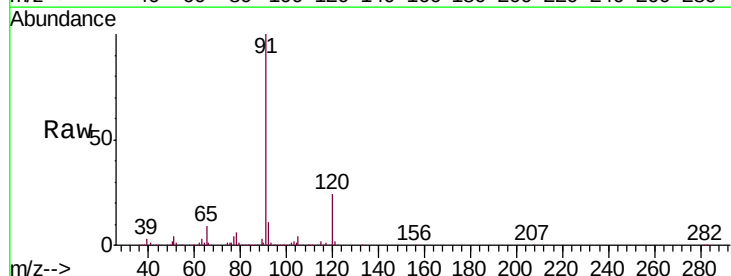
Acq: 26 Oct 2020 19:16

Tgt Ion: 91 Resp: 1611668

Ion Ratio Lower Upper

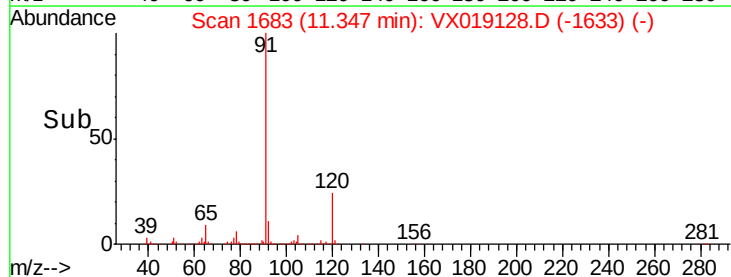
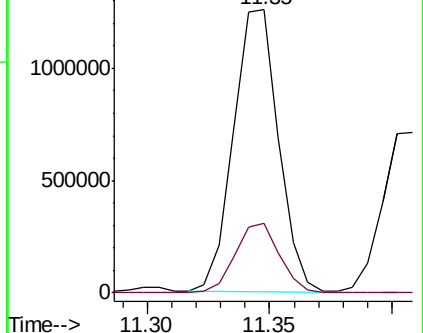
91 100

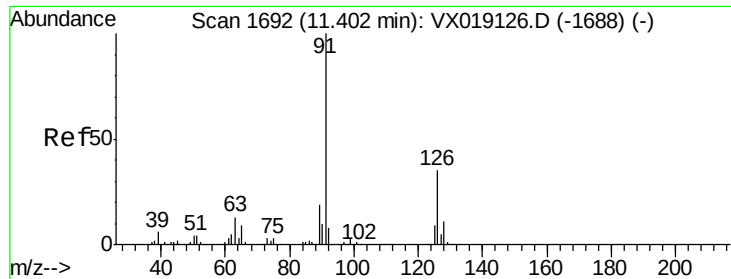
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

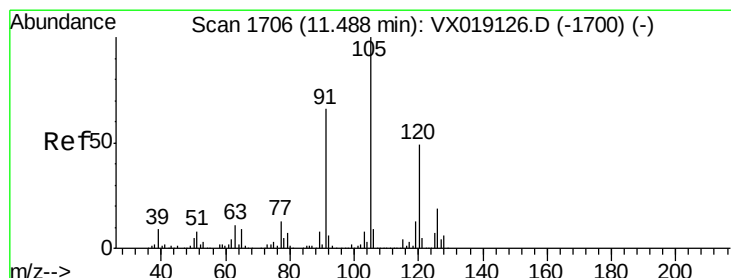
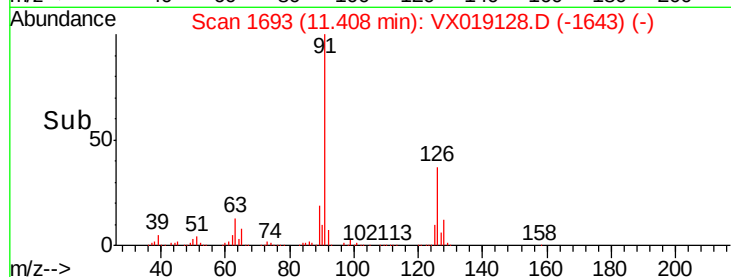
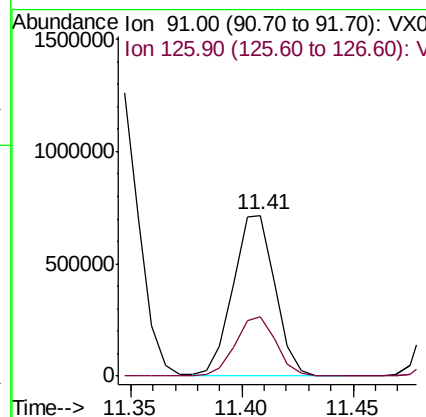
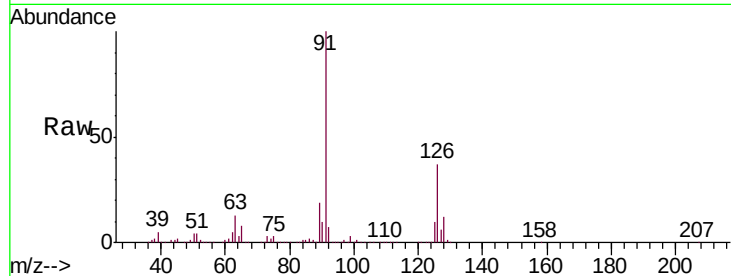




#79
 2-Chlorotoluene
 Concen: 150.248 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

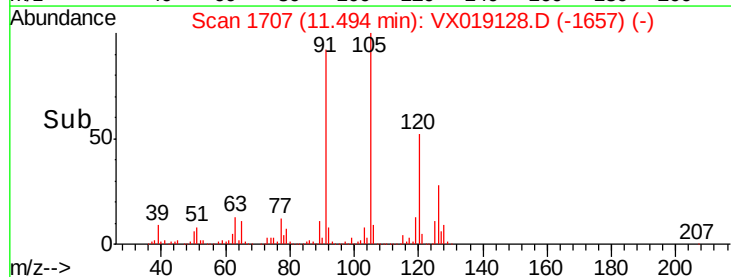
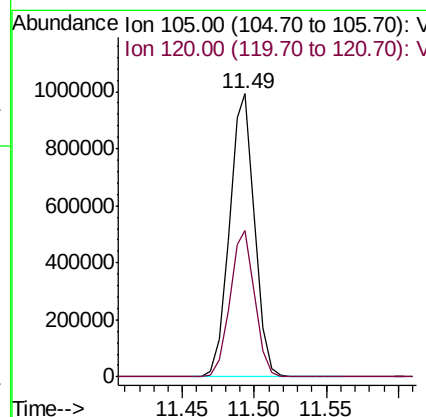
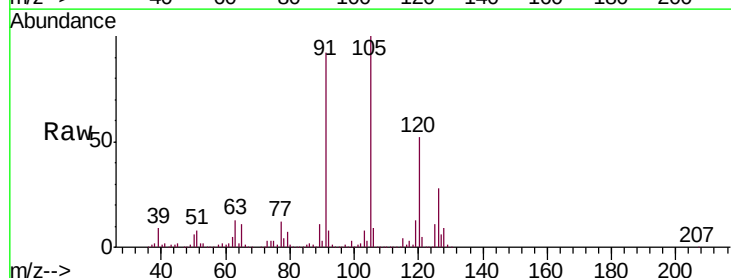
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

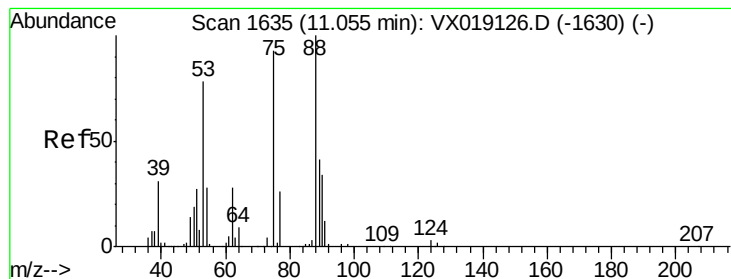
Tgt Ion: 91 Resp: 933642
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 155.717 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 105 Resp: 1212612
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 167.094 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

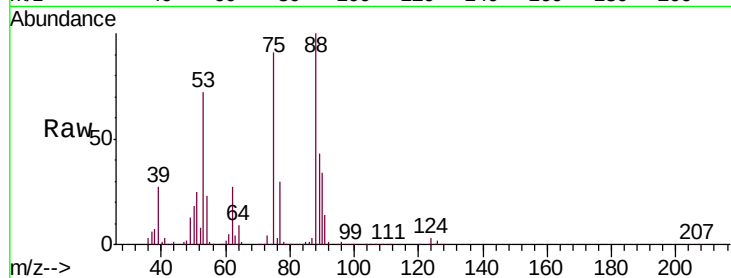
Tgt Ion: 75 Resp: 160082

Ion Ratio Lower Upper

75 100

53 81.3 67.6 101.4

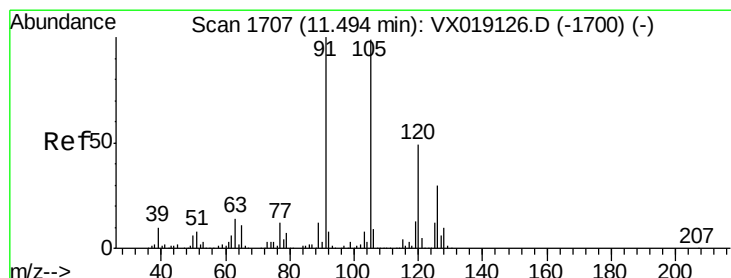
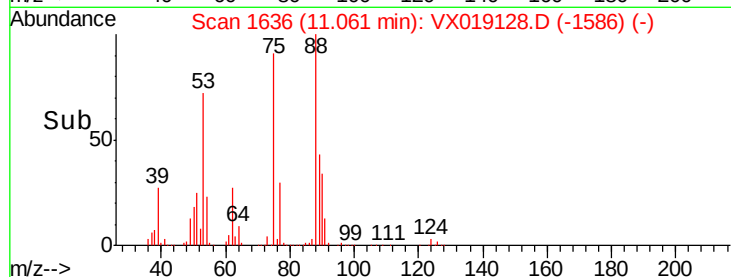
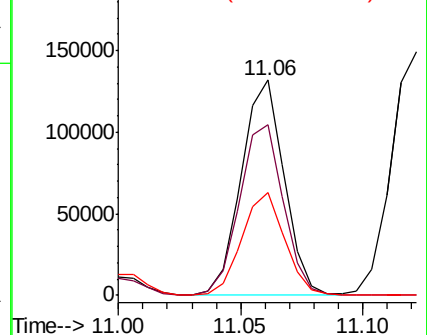
89 47.8 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 154.157 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019128.D

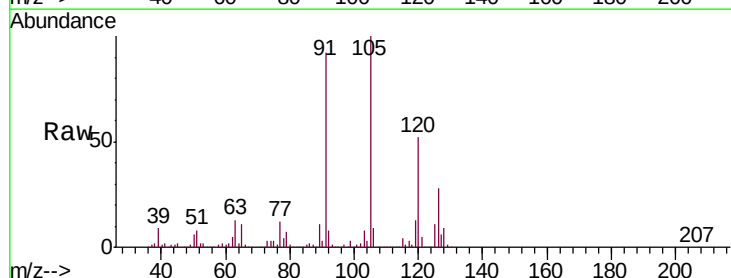
Acq: 26 Oct 2020 19:16

Tgt Ion: 91 Resp: 1133980

Ion Ratio Lower Upper

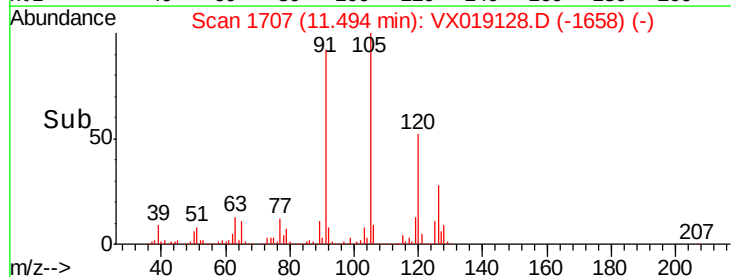
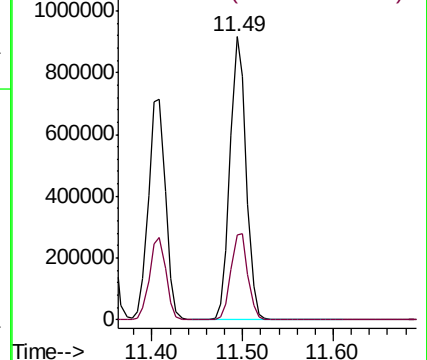
91 100

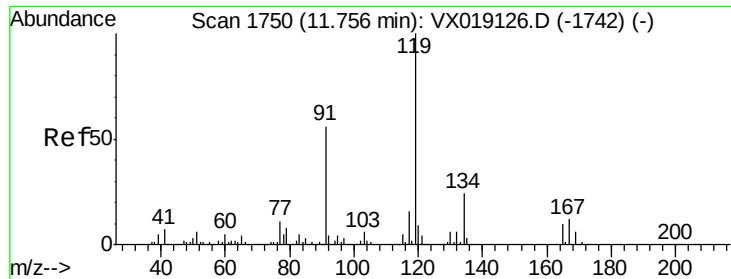
126 32.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

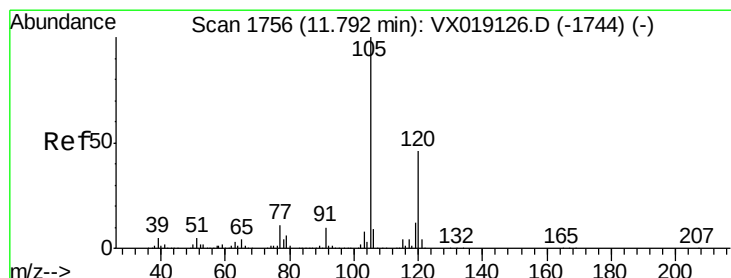
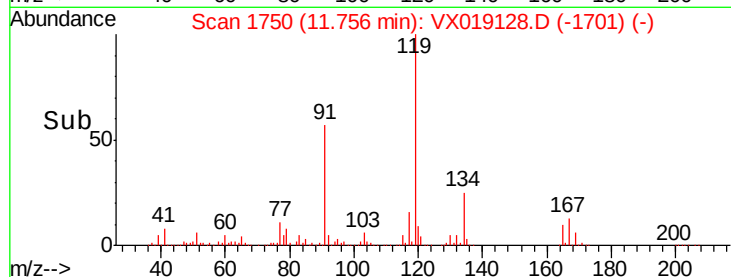
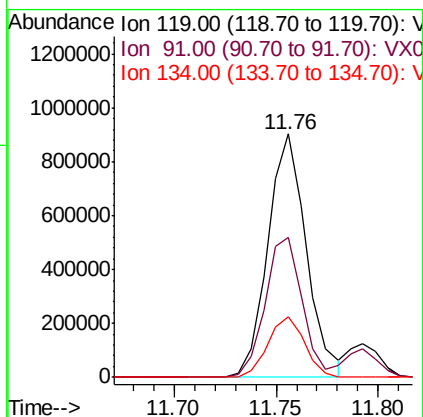
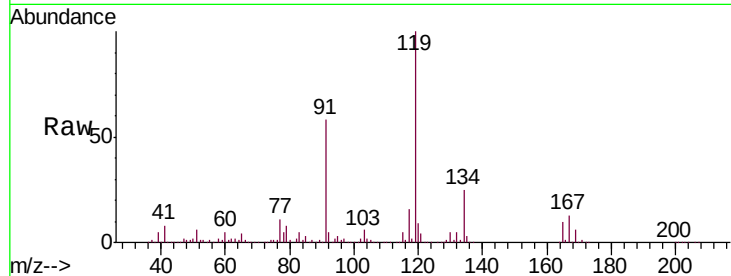




#83
 tert-Butylbenzene
 Concen: 155.189 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

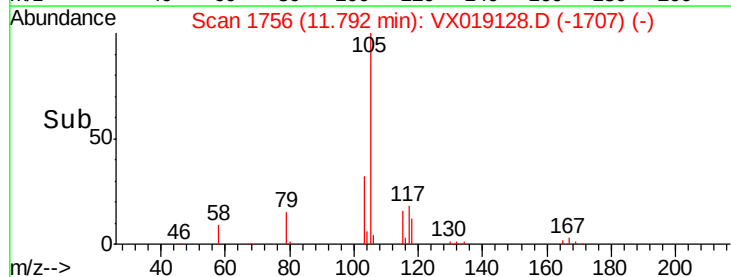
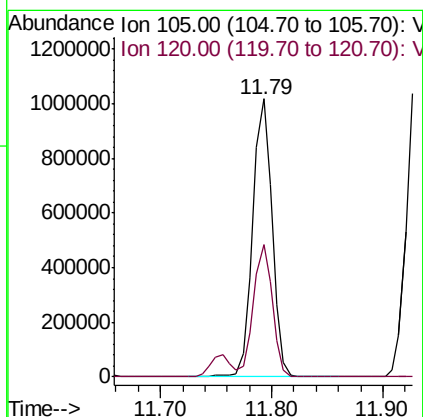
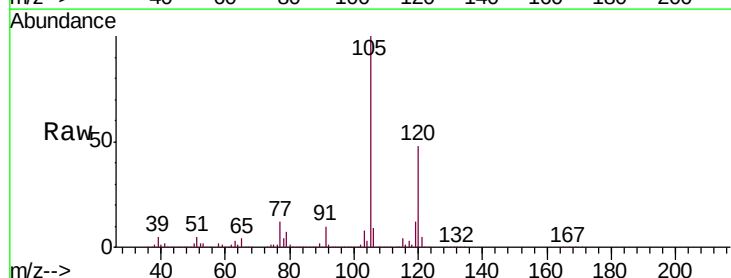
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

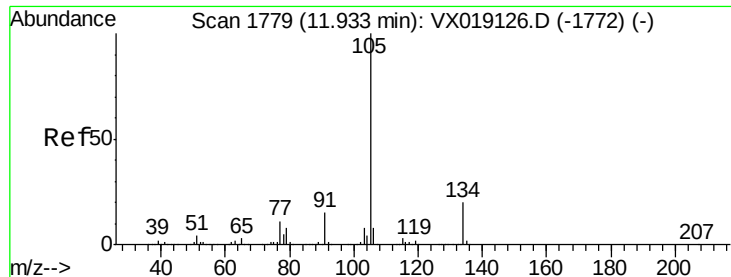
Tgt Ion:119 Resp: 1184105
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.9 83.6
 134 23.9 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 156.261 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:105 Resp: 1232391
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 155.232 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

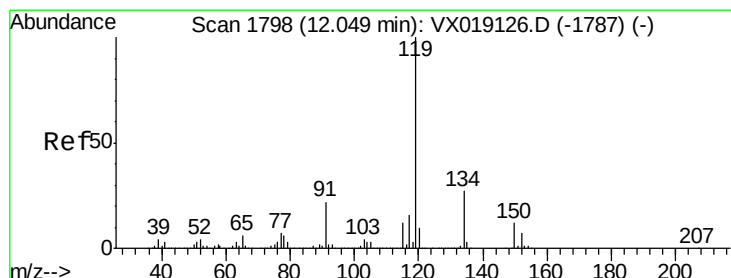
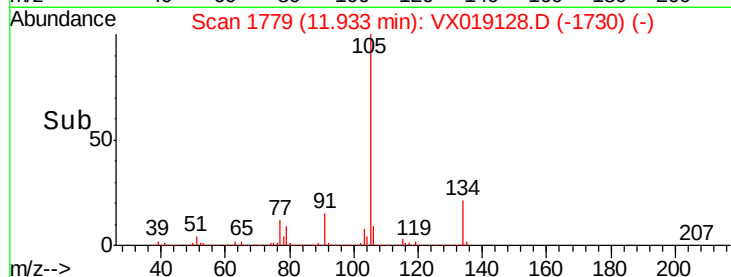
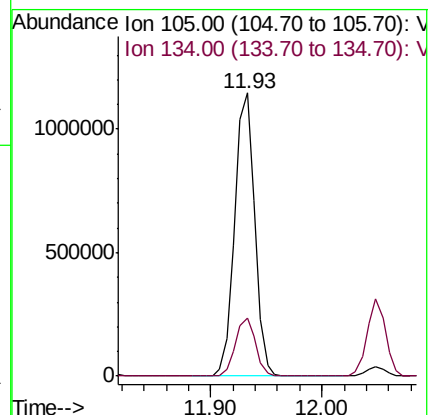
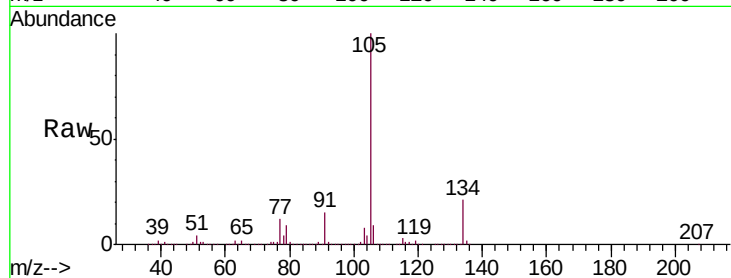
VSTDIC150

Tgt Ion:105 Resp: 1424098

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 160.595 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

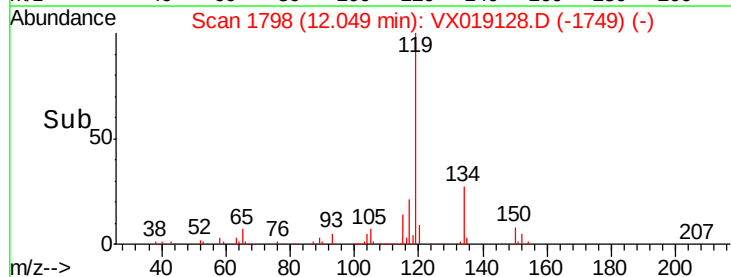
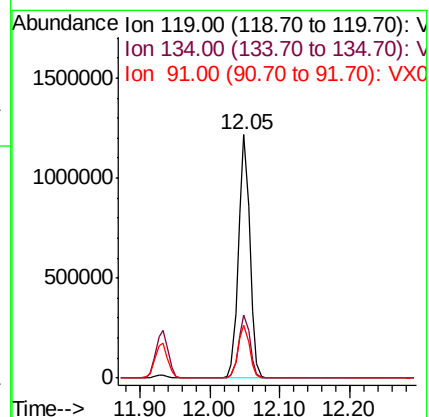
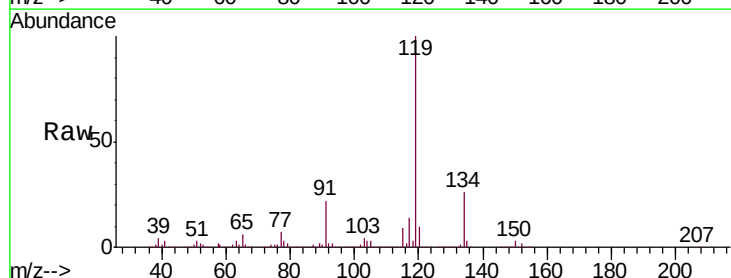
Tgt Ion:119 Resp: 1361666

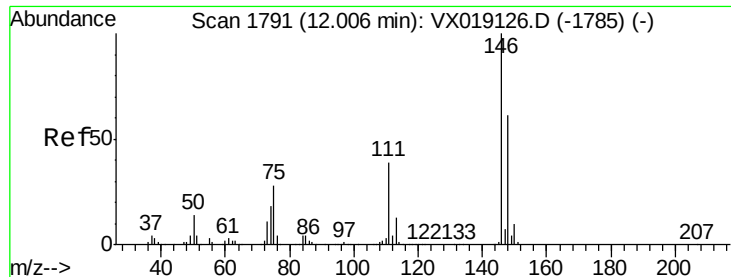
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.3 11.5 34.5

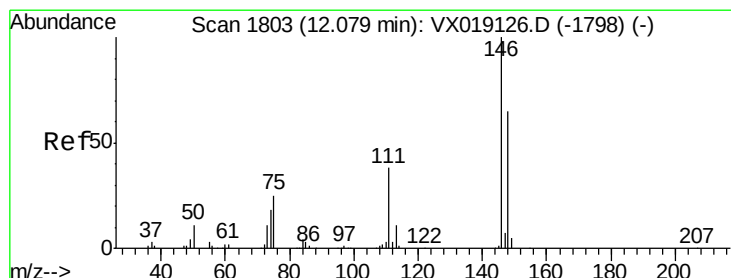
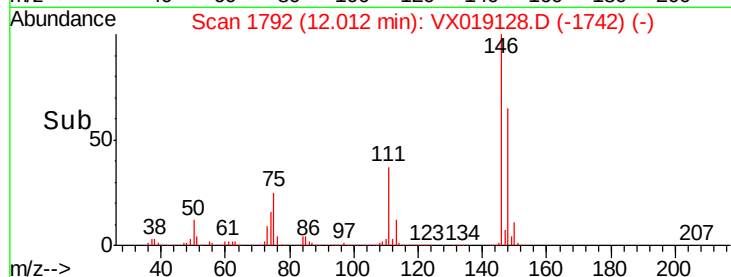
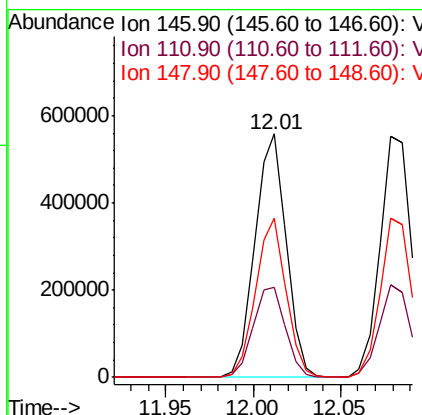
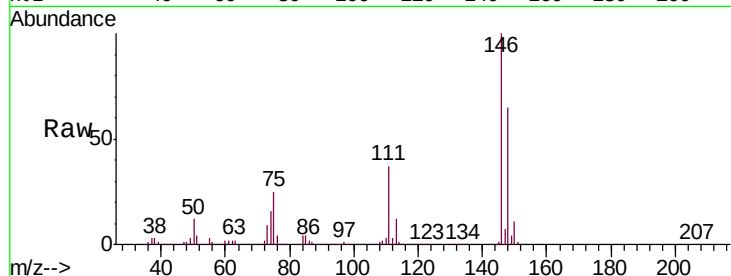




#87
 1,3-Dichlorobenzene
 Concen: 157.009 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

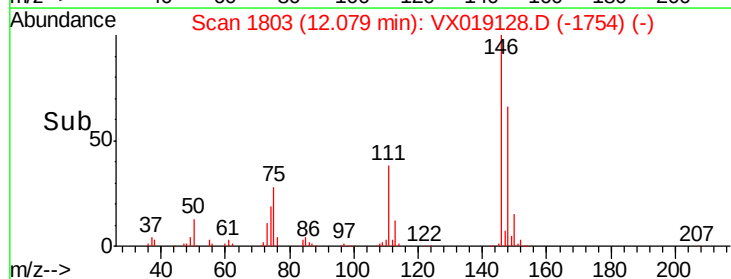
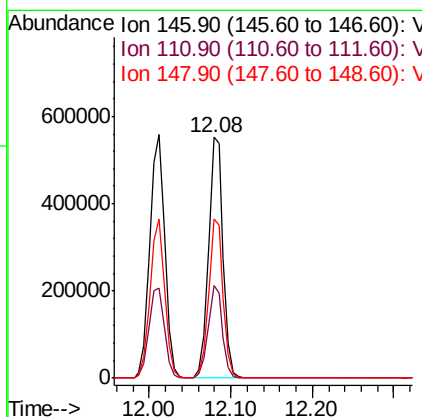
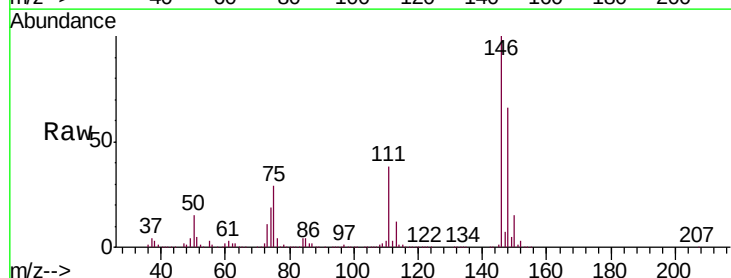
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

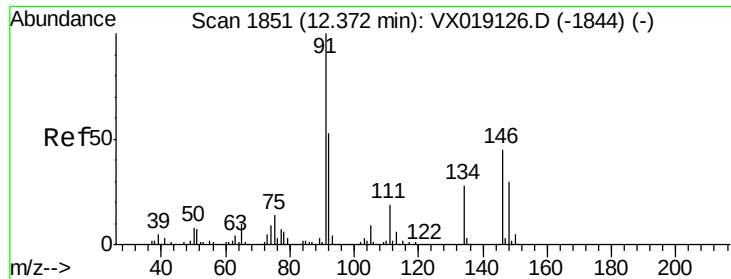
Tgt Ion:146 Resp: 693714
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 150.461 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:146 Resp: 692944
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.4 58.1
 148 65.2 32.5 97.4





#89

n-Butylbenzene

Concen: 158.400 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019128.D

Acq: 26 Oct 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

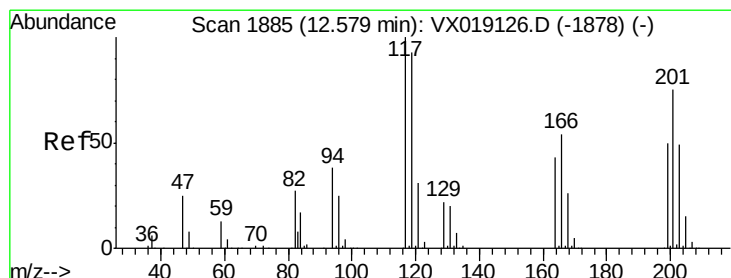
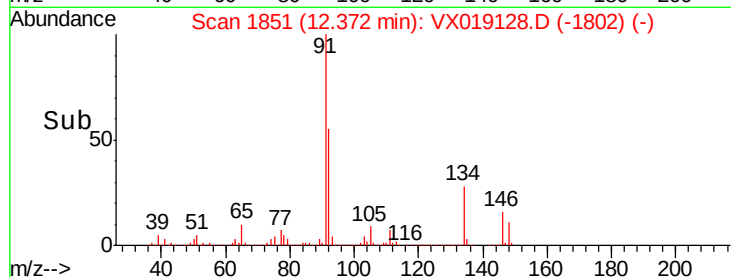
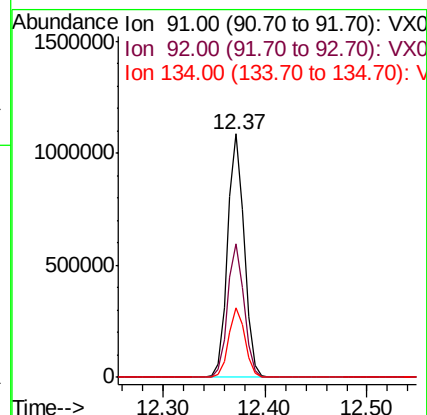
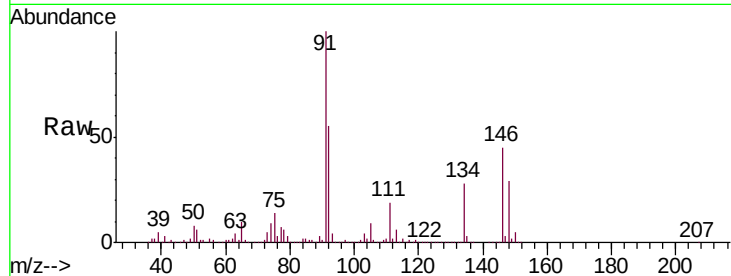
Tgt Ion: 91 Resp: 1227080

Ion Ratio Lower Upper

91 100

92 54.6 26.8 80.4

134 28.2 13.8 41.4



#90

Hexachloroethane

Concen: 173.057 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019128.D

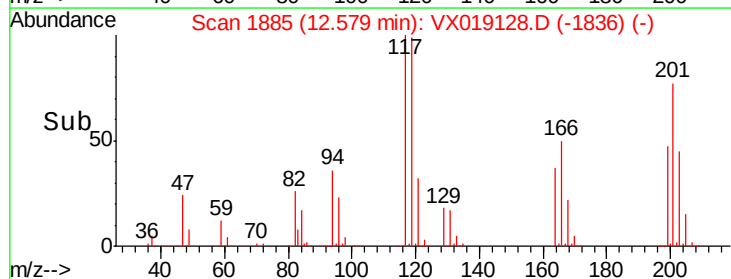
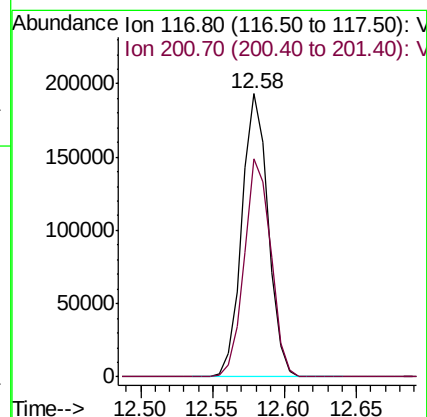
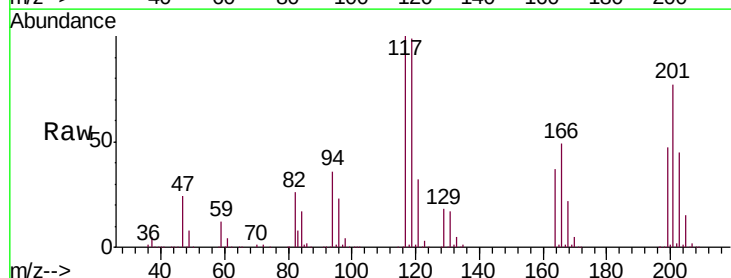
Acq: 26 Oct 2020 19:16

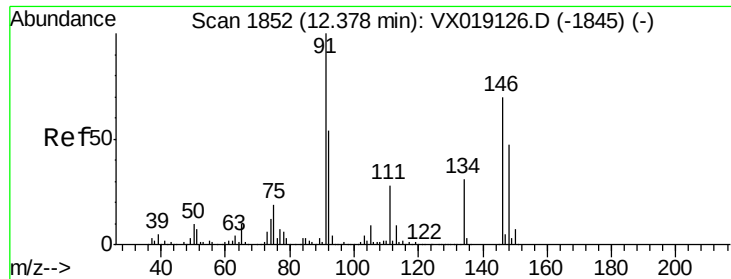
Tgt Ion: 117 Resp: 244904

Ion Ratio Lower Upper

117 100

201 77.7 39.1 117.2

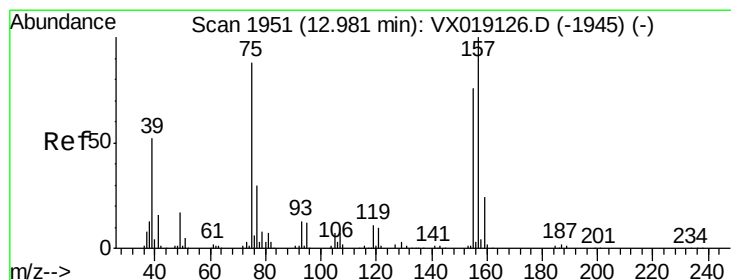
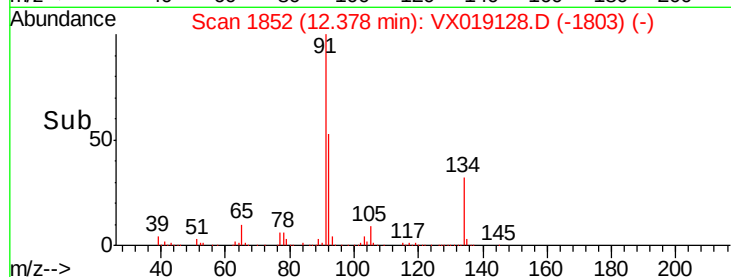
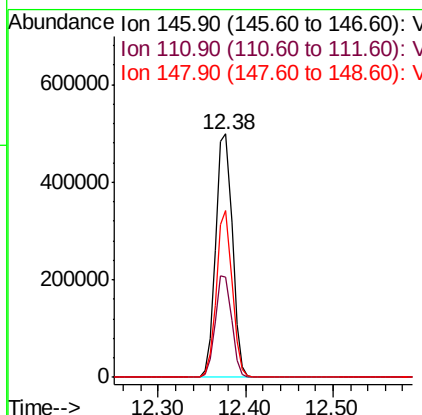
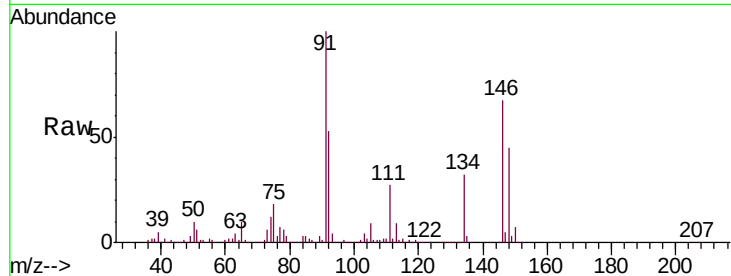




#91
 1,2-Dichlorobenzene
 Concen: 152.102 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

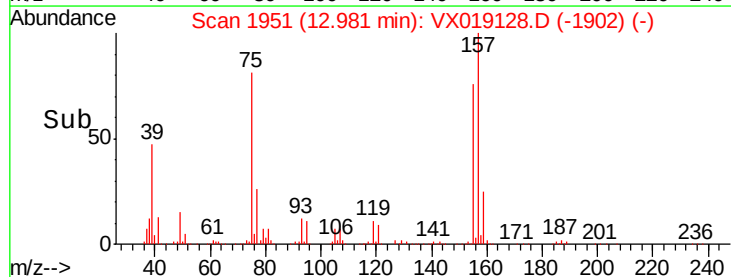
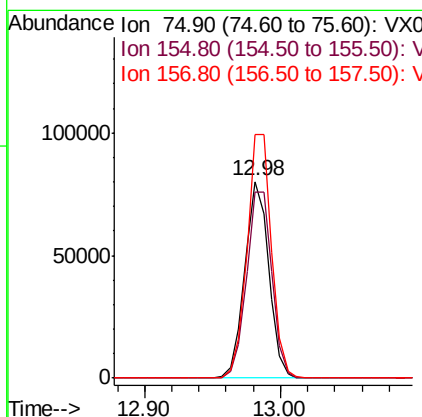
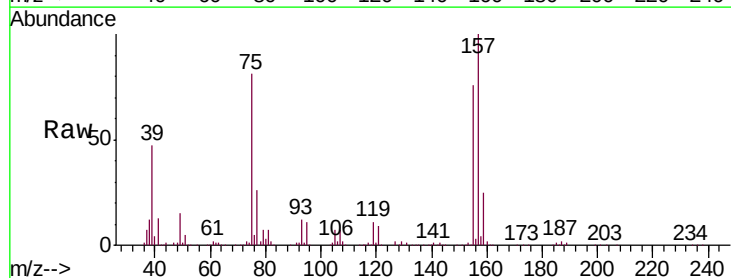
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

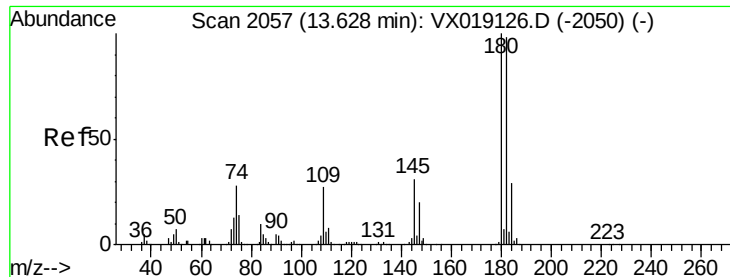
Tgt Ion:146 Resp: 656769
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 64.0 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 155.488 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion: 75 Resp: 99204
 Ion Ratio Lower Upper
 75 100
 155 100.4 47.1 141.4
 157 126.3 60.1 180.2

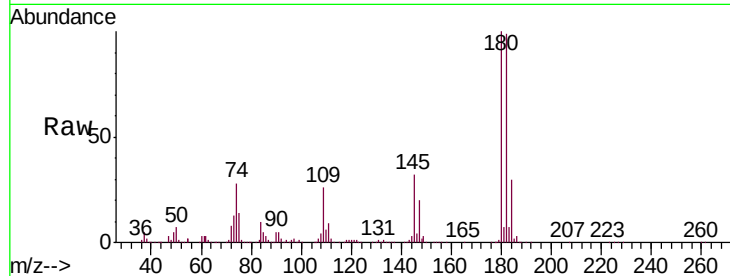




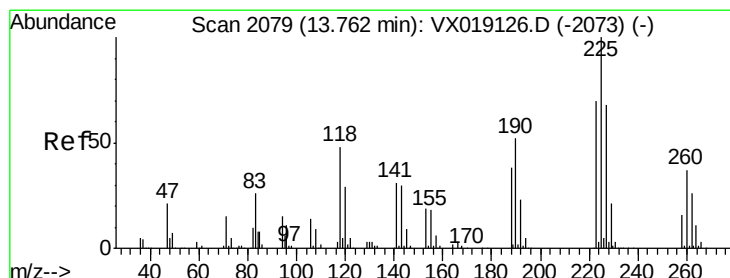
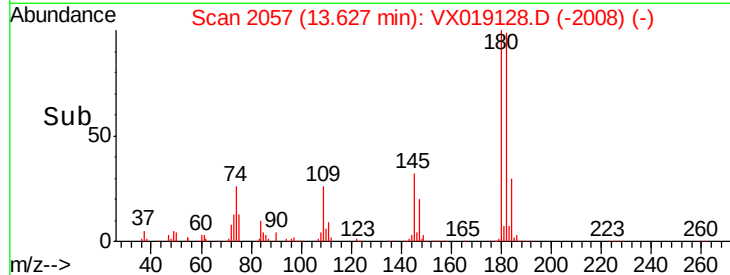
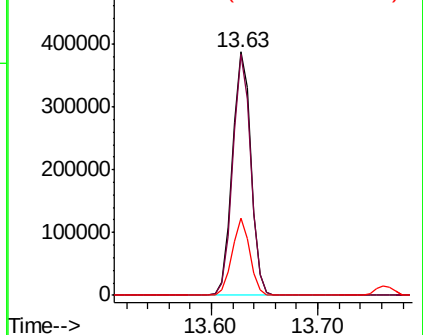
#93
 1,2,4-Trichlorobenzene
 Concen: 158.766 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 475509
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.4
 145 30.1 15.0 45.1

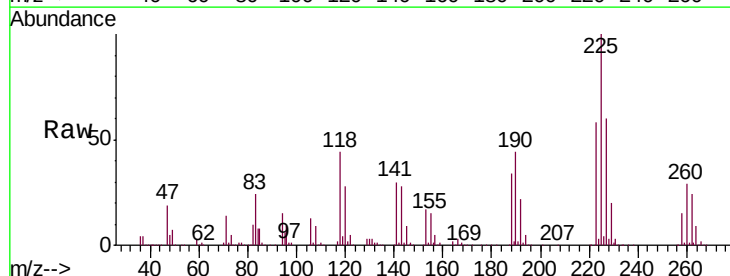


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

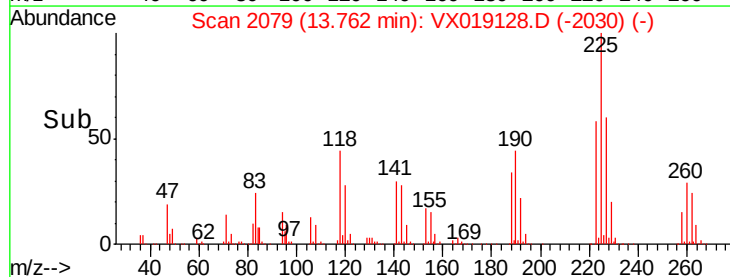
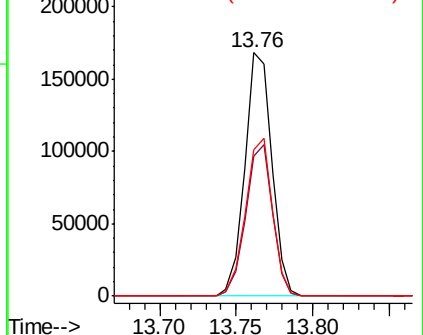


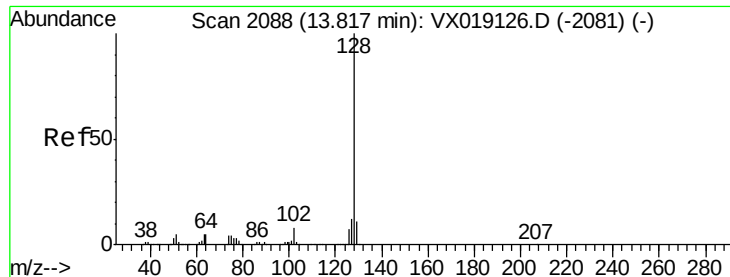
#94
 Hexachlorobutadiene
 Concen: 153.992 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019128.D
 Acq: 26 Oct 2020 19:16

Tgt Ion:225 Resp: 205777
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.5
 227 64.6 32.0 96.0



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

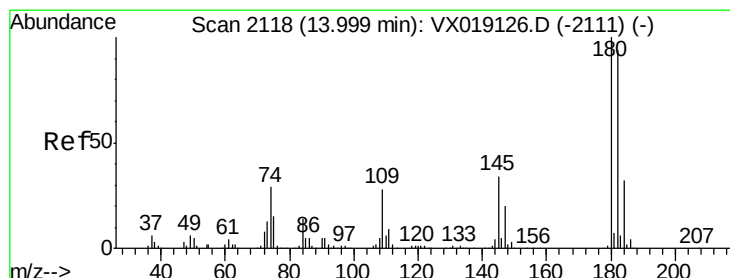
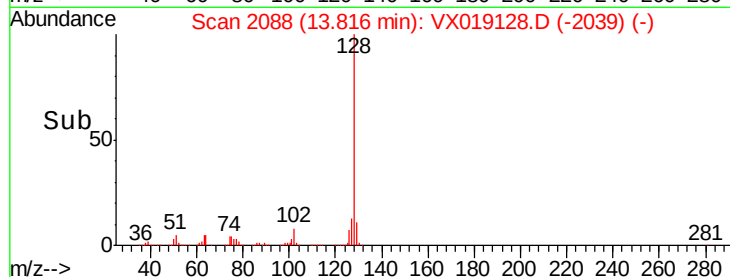
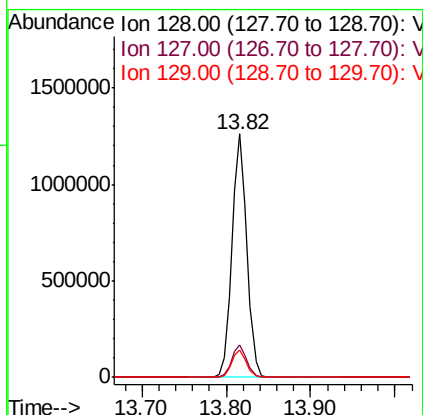
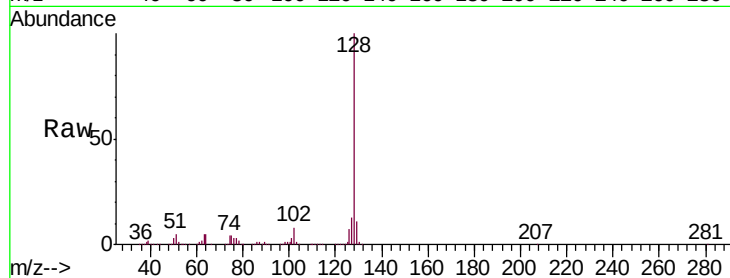




#95
Naphthalene
Concen: 159.574 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1511794
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 159.417 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019128.D
Acq: 26 Oct 2020 19:16

Tgt Ion:180 Resp: 468779
Ion Ratio Lower Upper
180 100
182 92.1 47.6 142.9
145 31.6 15.9 47.7

