

Data File : VX019127.D
Acq On : 26 Oct 2020 18:54
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 27 05:29:11 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	164921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	245438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	136884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	192928	98.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.54%	
35) Dibromofluoromethane	5.46	113	172854	102.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.38%	
50) Toluene-d8	8.70	98	666037	101.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.84%	
62) 4-Bromofluorobenzene	11.12	95	238546	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	136949	104.833	ug/l	99
3) Chloromethane	1.31	50	139604	100.119	ug/l	99
4) Vinyl Chloride	1.39	62	182693	103.428	ug/l	100
5) Bromomethane	1.62	94	88829	79.391	ug/l	98
6) Chloroethane	1.70	64	123611	102.925	ug/l	99
7) Trichlorofluoromethane	1.91	101	316006	104.019	ug/l	99
8) Diethyl Ether	2.17	74	123395	103.009	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157977	103.877	ug/l	100
10) Methyl Iodide	2.49	142	200915	102.134	ug/l	99
11) Tert butyl alcohol	3.04	59	201905	503.624	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161876	105.075	ug/l	99
13) Acrolein	2.27	56	89542	506.764	ug/l	100
14) Allyl chloride	2.70	41	207327	104.700	ug/l	99
15) Acrylonitrile	3.11	53	424091	530.334	ug/l	100
16) Acetone	2.42	43	321156	505.865	ug/l	99
17) Carbon Disulfide	2.55	76	447603	105.066	ug/l	100
18) Methyl Acetate	2.75	43	155402	99.527	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	559753	106.001	ug/l	99
20) Methylene Chloride	2.83	84	182967	98.674	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	190225	104.642	ug/l	97
22) Diisopropyl ether	3.82	45	448308	105.958	ug/l	99
23) Vinyl Acetate	3.78	43	2010095	541.622	ug/l	99
24) 1,1-Dichloroethane	3.67	63	298163	106.450	ug/l	99
25) 2-Butanone	4.64	43	529685	522.462	ug/l	100
26) 2,2-Dichloropropane	4.55	77	278088	105.509	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	215750	105.768	ug/l	98
28) Bromochloromethane	4.98	49	128099	105.782	ug/l	99
29) Tetrahydrofuran	5.09	42	343949	533.653	ug/l	100
30) Chloroform	5.17	83	333331	106.740	ug/l	98
31) Cyclohexane	5.55	56	253976	104.003	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	303783	109.141	ug/l	99
36) 1,1-Dichloropropene	5.77	75	249326	104.579	ug/l	100
37) Ethyl Acetate	4.79	43	213917	103.937	ug/l	100
38) Carbon Tetrachloride	5.75	117	265097	108.059	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312294	106.557	ug/l	98
40) Benzene	6.11	78	736238	104.884	ug/l	100
41) Methacrylonitrile	5.00	41	111954	105.934	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249577	105.514	ug/l	100
43) Isopropyl Acetate	6.41	43	356186	105.769	ug/l	100
44) Trichloroethene	7.19	130	216192	107.032	ug/l	96
45) 1,2-Dichloropropane	7.49	63	175202	106.900	ug/l	99
46) Dibromomethane	7.63	93	134048	107.841	ug/l	99
47) Bromodichloromethane	7.87	83	266071	110.142	ug/l	100
48) Methyl methacrylate	7.74	41	167942	106.596	ug/l	100
49) 1,4-Dioxane	7.72	88	92262	2178.482	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1053626	535.349	ug/l	99
52) Toluene	8.77	92	490980	107.805	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	295768	110.835	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	314348	110.379	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	194965	107.558	ug/l	99
56) Ethyl methacrylate	9.16	69	285037	110.117	ug/l	98
57) 1,3-Dichloropropane	9.35	76	313195	106.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	739786	528.758	ug/l	99
59) 2-Hexanone	9.48	43	812492	543.717	ug/l	100
60) Dibromochloromethane	9.57	129	221634	100.053	ug/l	99
61) 1,2-Dibromoethane	9.65	107	213519	110.747	ug/l	99
64) Tetrachloroethene	9.32	164	194798	103.396	ug/l	99
65) Chlorobenzene	10.12	112	535474	109.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	195108	111.373	ug/l	100
67) Ethyl Benzene	10.24	91	929245	108.503	ug/l	98
68) m/p-Xylenes	10.34	106	728569	220.311	ug/l	100
69) o-Xylene	10.68	106	349047	110.140	ug/l	98
70) Styrene	10.70	104	592982	112.252	ug/l	100
71) Bromoform	10.84	173	166024	100.271	ug/l #	97
73) Isopropylbenzene	11.00	105	932512	101.795	ug/l	99
74) N-amyl acetate	10.88	43	310052	107.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	298664	104.282	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	346391	130.022	ug/l	86
77) Bromobenzene	11.24	156	240732	104.684	ug/l	98
78) n-propylbenzene	11.34	91	1061079	103.358	ug/l	99
79) 2-Chlorotoluene	11.40	91	617553	102.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	799148	106.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103415	111.532	ug/l	99
82) 4-Chlorotoluene	11.49	91	733796	103.070	ug/l	99
83) tert-Butylbenzene	11.76	119	772622	104.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	803582	105.276	ug/l	98
85) sec-Butylbenzene	11.93	105	931924	104.959	ug/l	99
86) p-Isopropyltoluene	12.05	119	878357	107.036	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	452023	105.707	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	460757	103.370	ug/l	98
89) n-Butylbenzene	12.37	91	804317	107.277	ug/l	99
90) Hexachloroethane	12.58	117	156235	114.069	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	440180	105.330	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67257	108.919	ug/l	98

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

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VSTDICC100

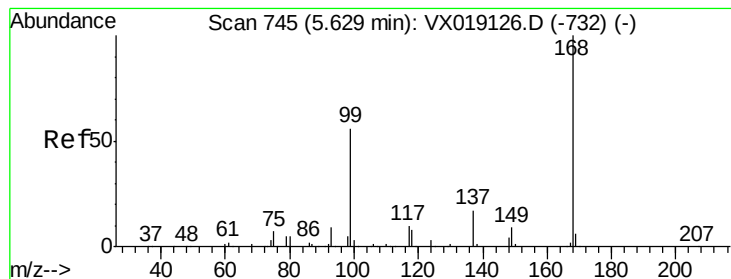
Quant Time: Oct 27 05:29:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 26 19:43:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	310873	107.246	ug/l	99
94) Hexachlorobutadiene	13.76	225	135974	105.137	ug/l	100
95) Naphthalene	13.82	128	1021412	111.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	300496	105.585	ug/l	99

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

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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: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

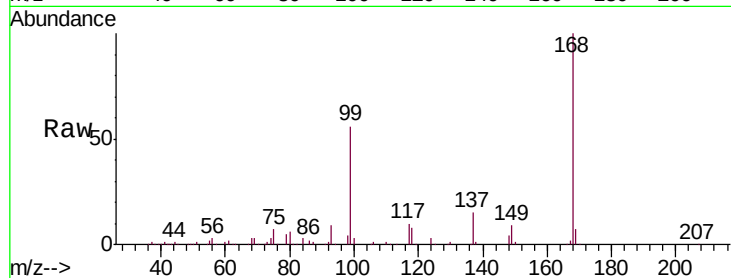
VSTDICC100

Tgt Ion:168 Resp: 164921

Ion Ratio Lower Upper

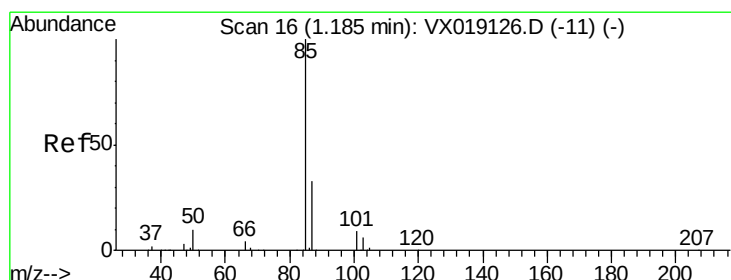
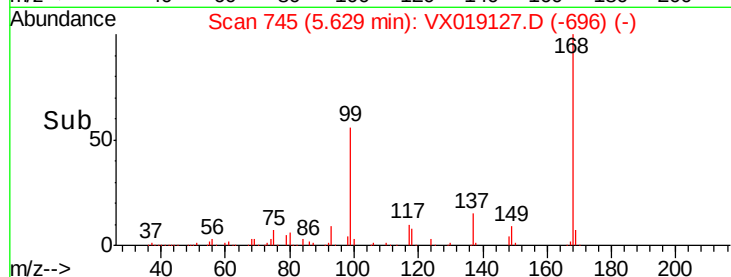
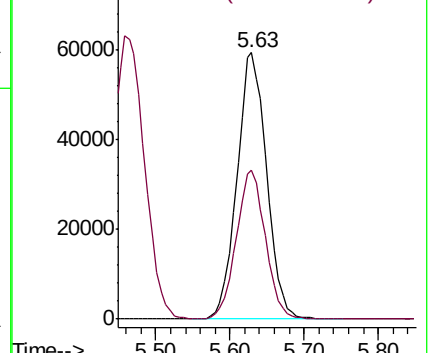
168 100

99 55.7 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: 104.833 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019127.D

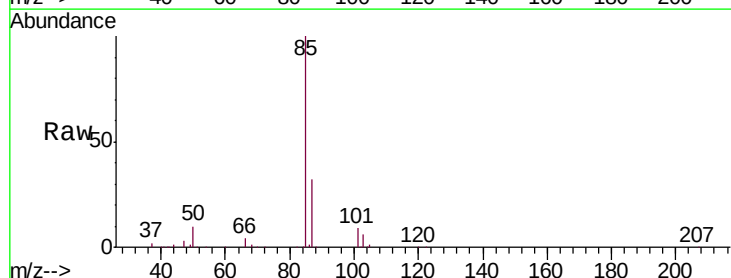
Acq: 26 Oct 2020 18:54

Tgt Ion: 85 Resp: 136949

Ion Ratio Lower Upper

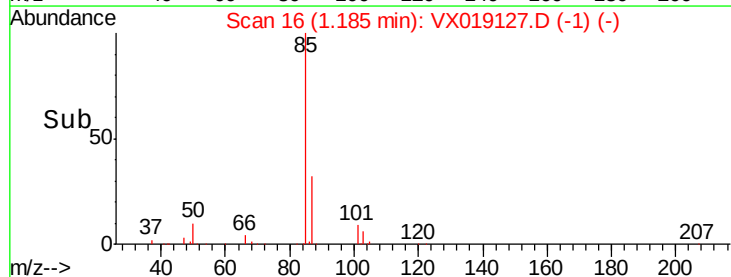
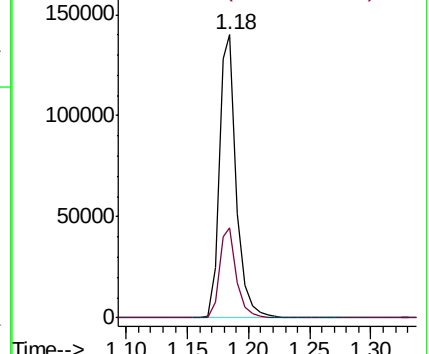
85 100

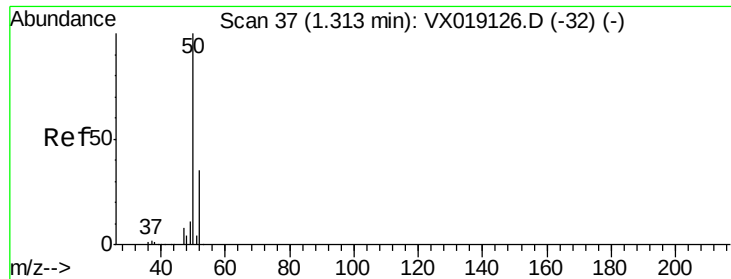
87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 100.119 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

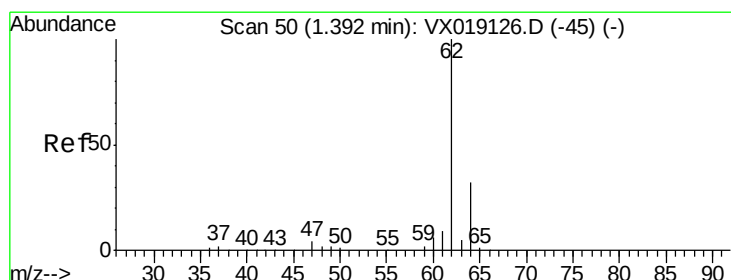
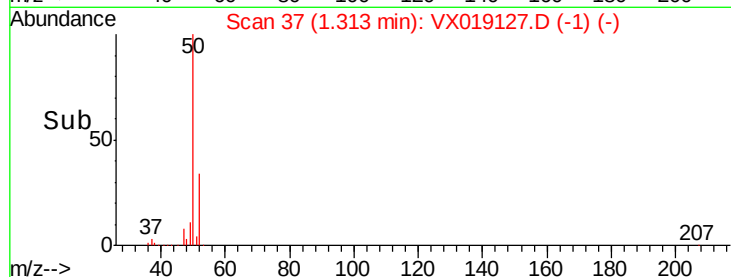
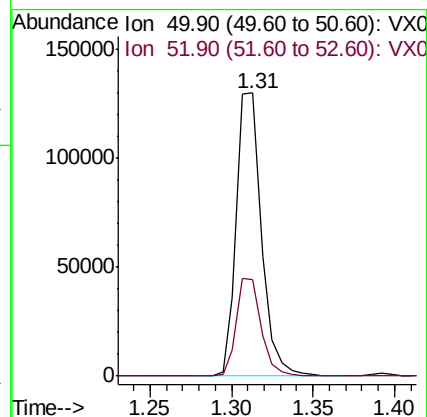
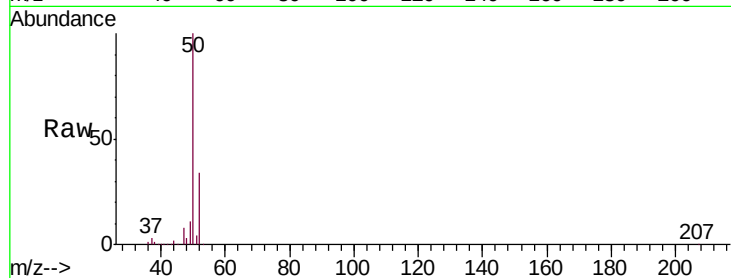
VSTDIC100

Tgt Ion: 50 Resp: 139604

Ion Ratio Lower Upper

50 100

52 34.2 27.7 41.5



#4

Vinyl Chloride

Concen: 103.428 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019127.D

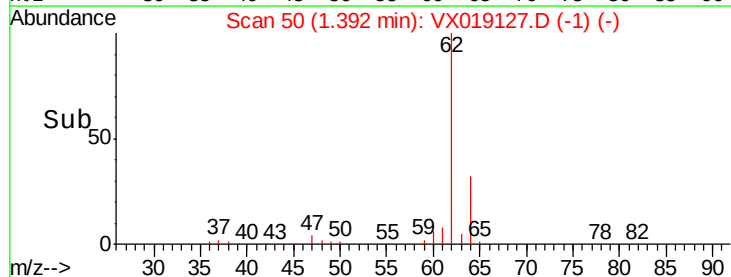
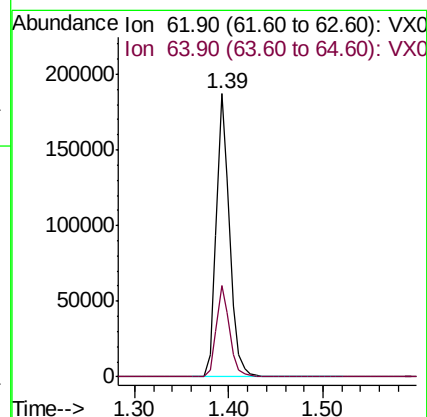
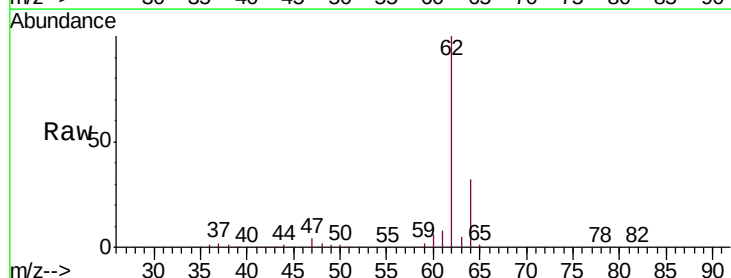
Acq: 26 Oct 2020 18:54

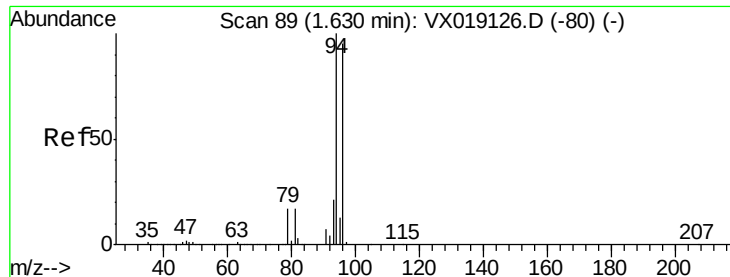
Tgt Ion: 62 Resp: 182693

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 79.391 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

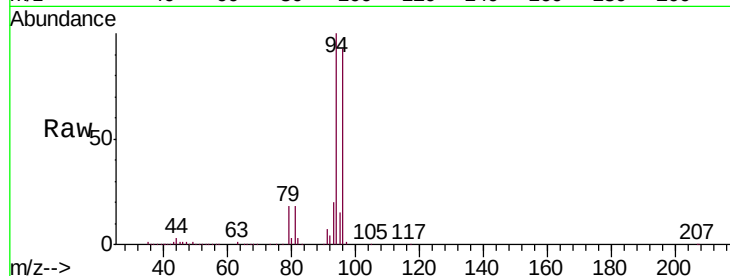
VSTDIC100

Tgt Ion: 94 Resp: 88829

Ion Ratio Lower Upper

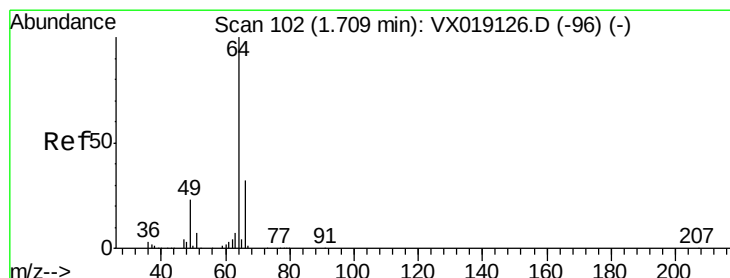
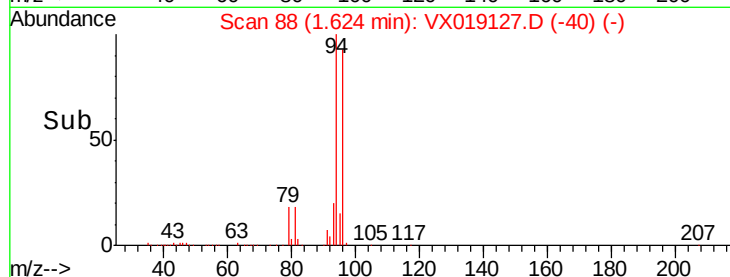
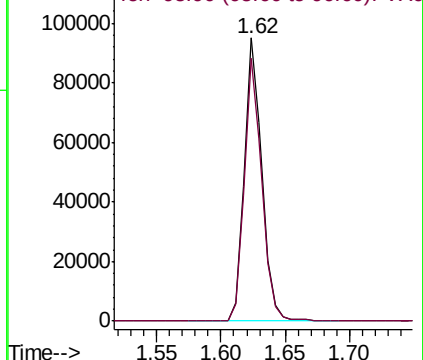
94 100

96 93.2 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 102.925 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX019127.D

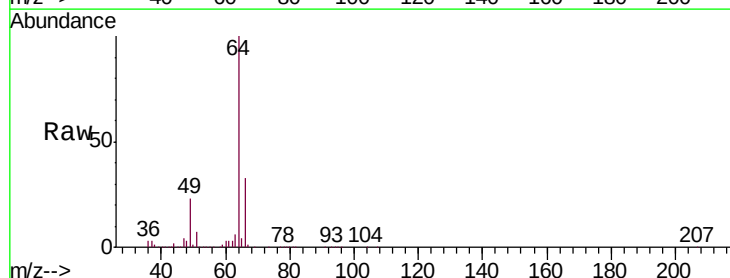
Acq: 26 Oct 2020 18:54

Tgt Ion: 64 Resp: 123611

Ion Ratio Lower Upper

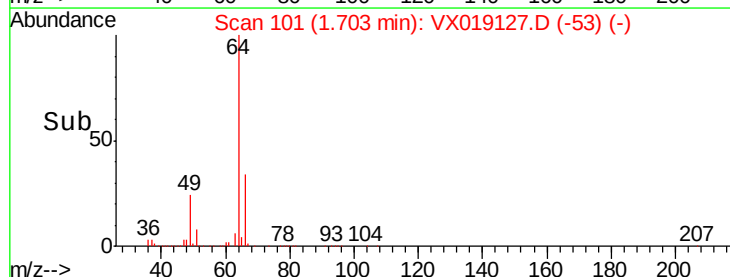
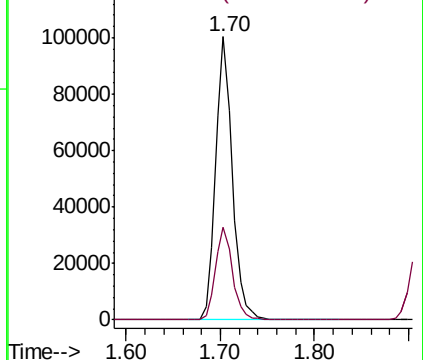
64 100

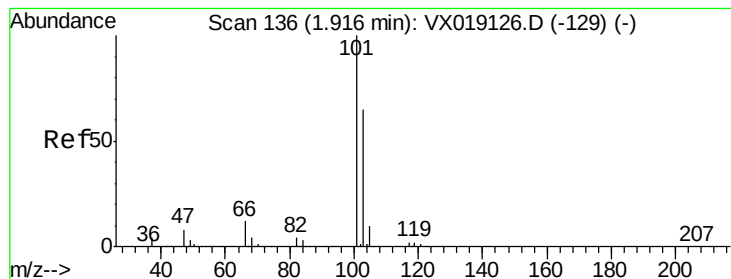
66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



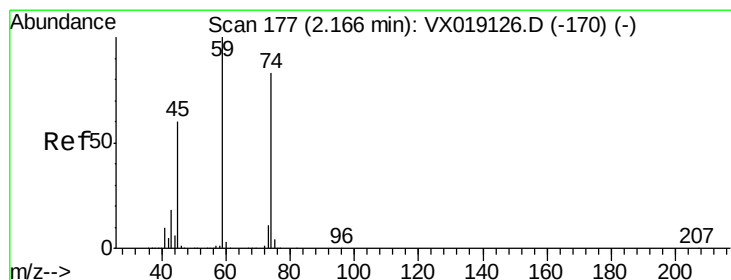
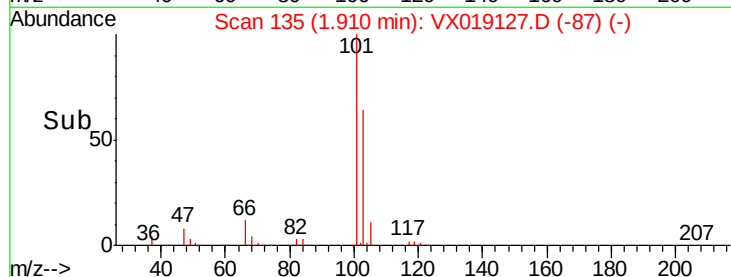
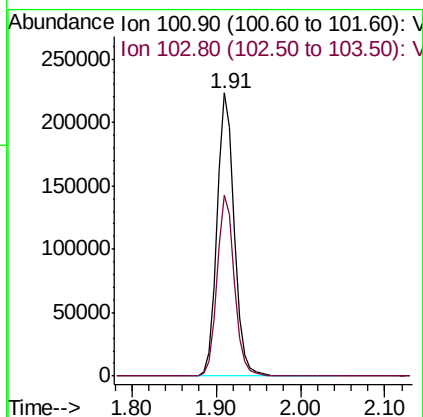
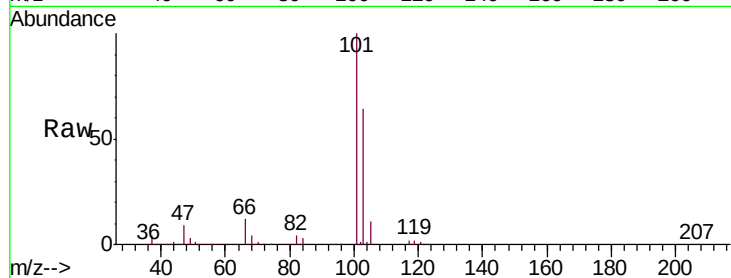


#7

Trichlorofluoromethane
 Concen: 104.019 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

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 MSVOA_X
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 VSTDIC100

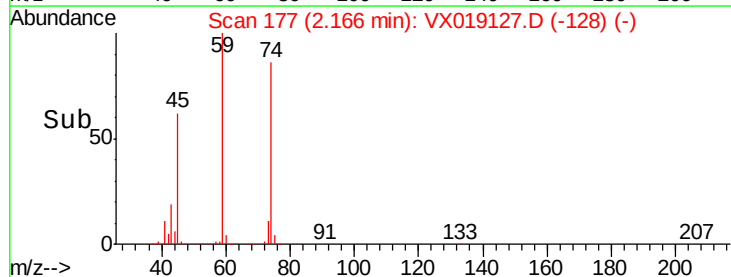
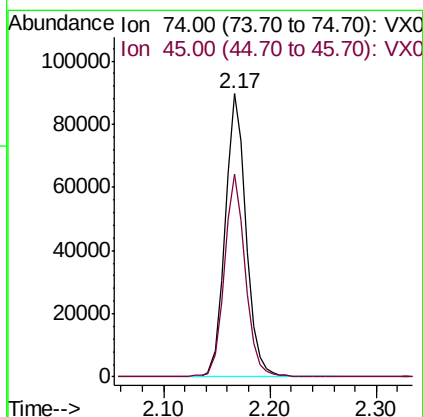
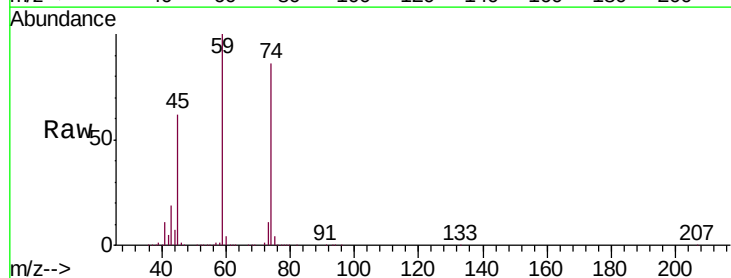
Tgt Ion:101 Resp: 316006
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

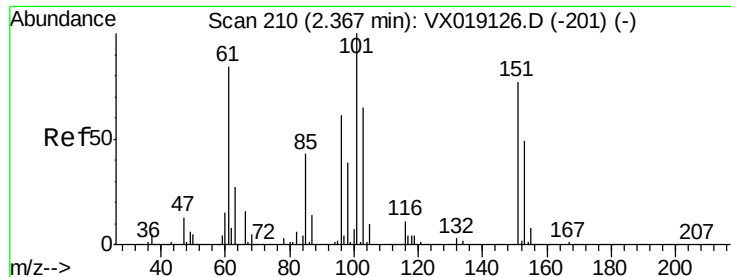


#8

Diethyl Ether
 Concen: 103.009 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 74 Resp: 123395
 Ion Ratio Lower Upper
 74 100
 45 71.9 36.1 108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.877 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

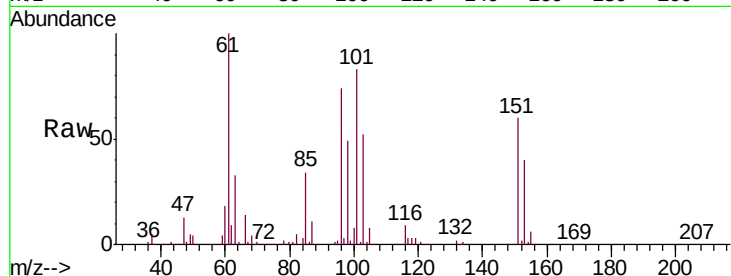
Tgt Ion:101 Resp: 157977

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

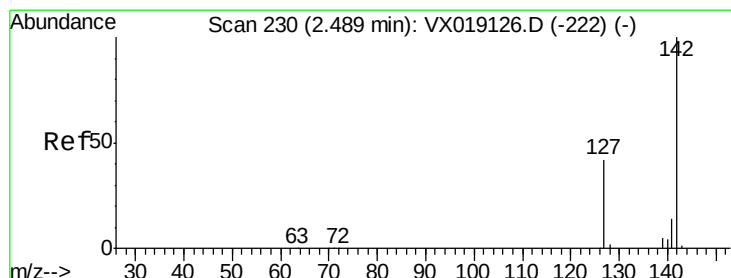
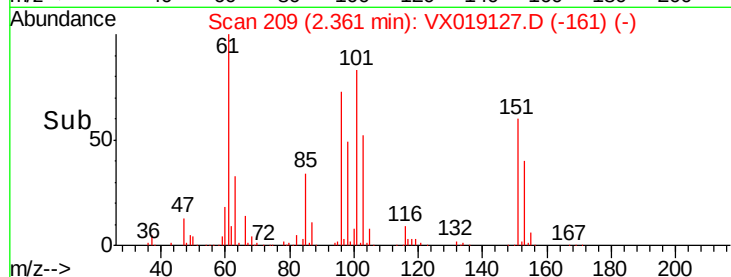
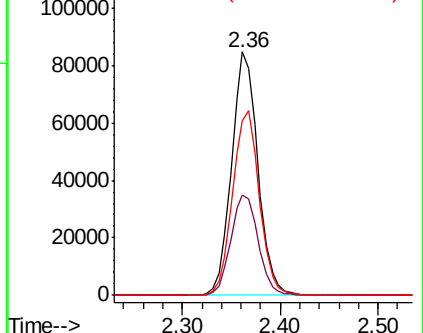
151 77.1 61.7 92.5



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: 102.134 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

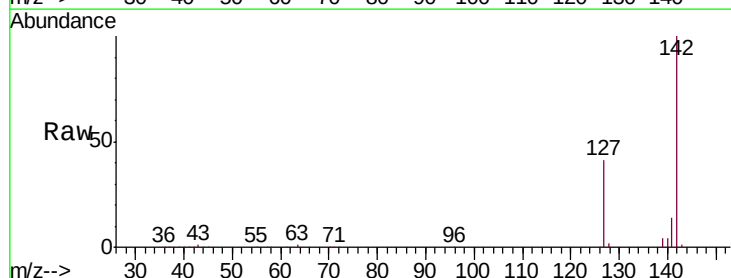
Tgt Ion:142 Resp: 200915

Ion Ratio Lower Upper

142 100

127 42.4 33.1 49.7

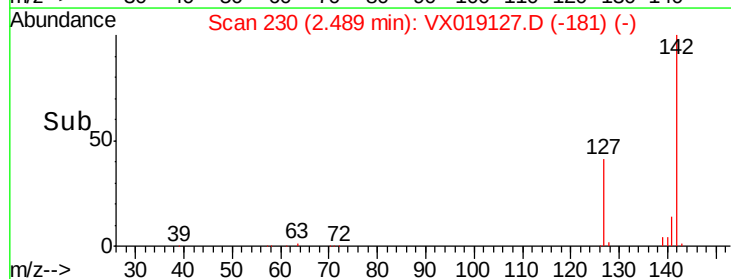
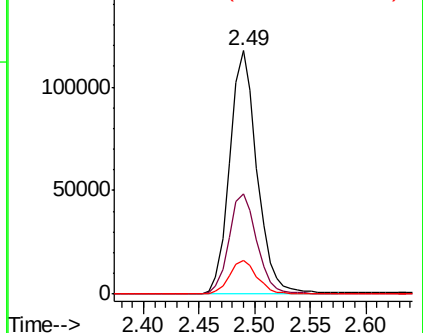
141 13.9 11.4 17.0

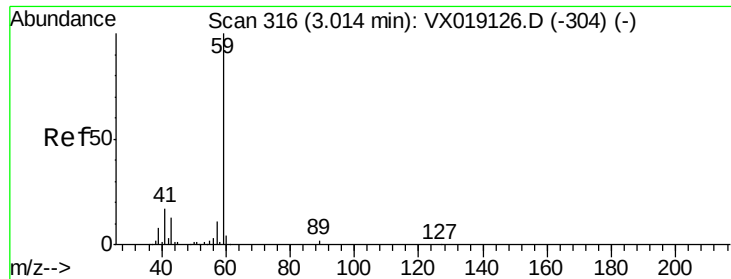


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



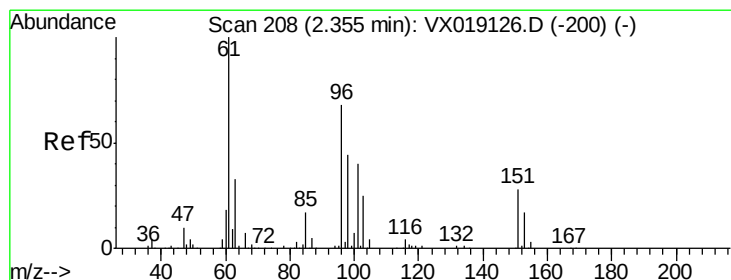
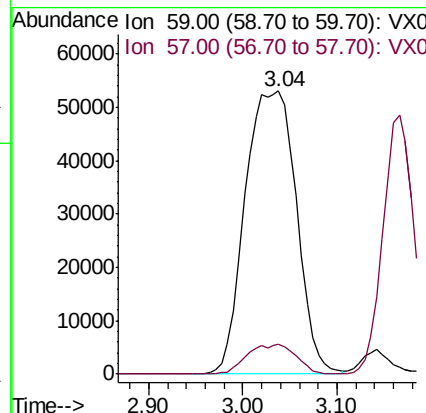
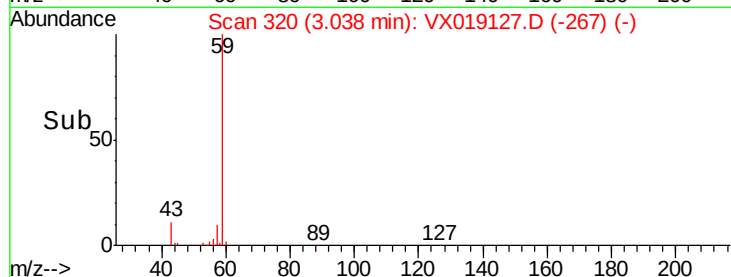
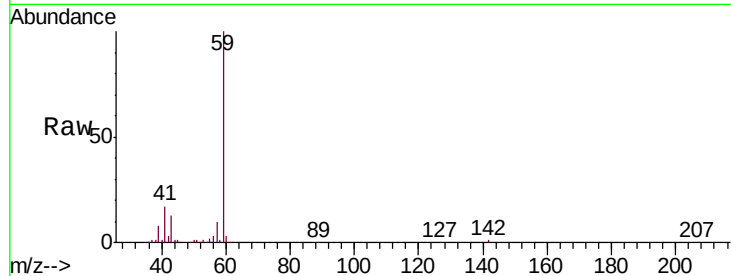


#11

Tert butyl alcohol
 Concen: 503.624 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. 0.03 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

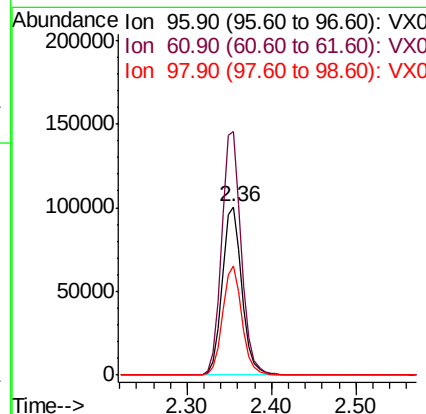
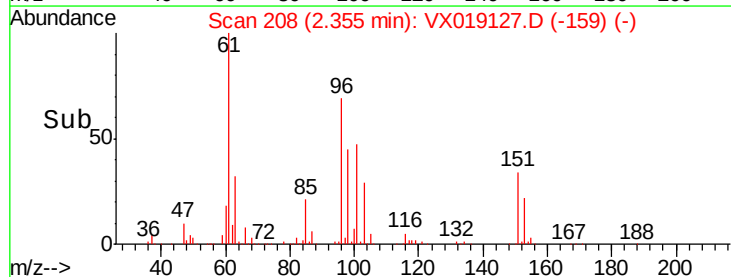
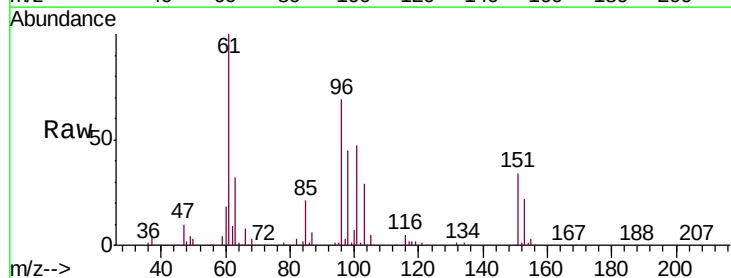
Tgt Ion: 59 Resp: 201905
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

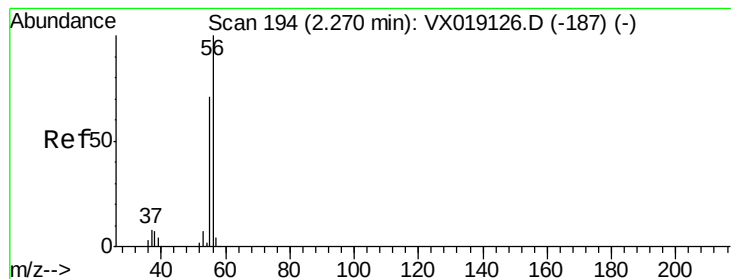


#12

1,1-Dichloroethene
 Concen: 105.075 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 96 Resp: 161876
 Ion Ratio Lower Upper
 96 100
 61 144.7 117.0 175.4
 98 64.9 51.2 76.8





#13

Acrolein

Concen: 506.764 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

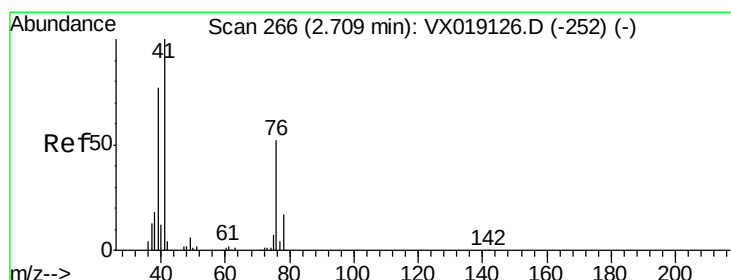
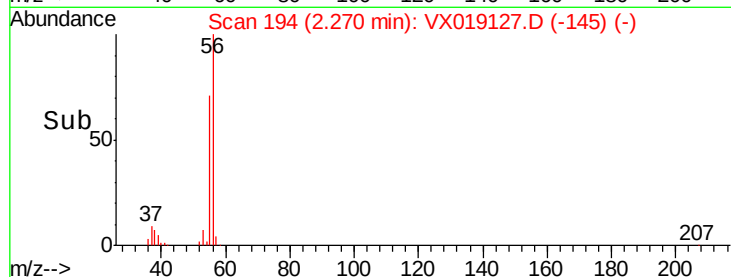
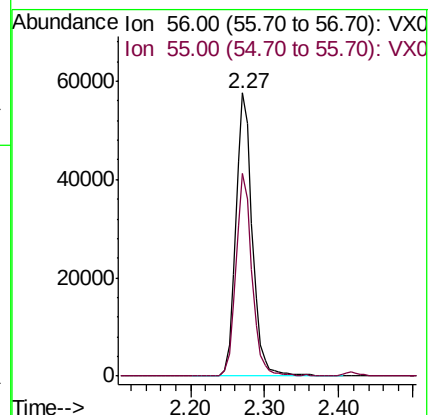
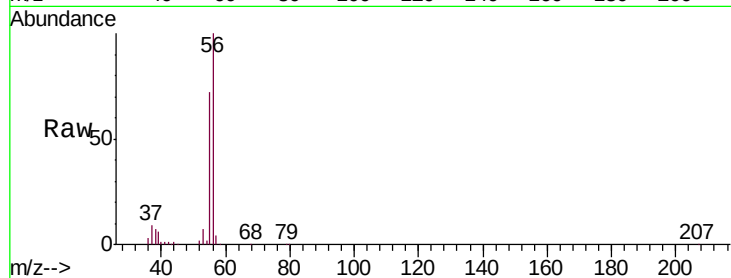
VSTDIC100

Tgt Ion: 56 Resp: 89542

Ion Ratio Lower Upper

56 100

55 69.7 55.9 83.9



#14

Allyl chloride

Concen: 104.700 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

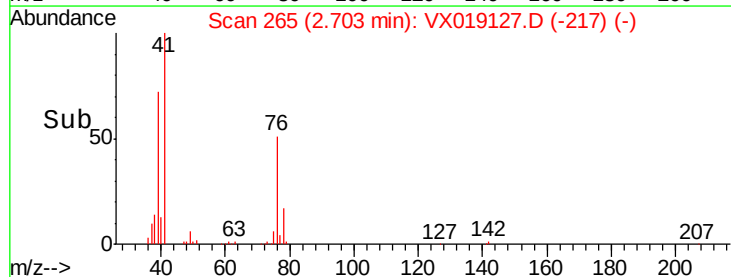
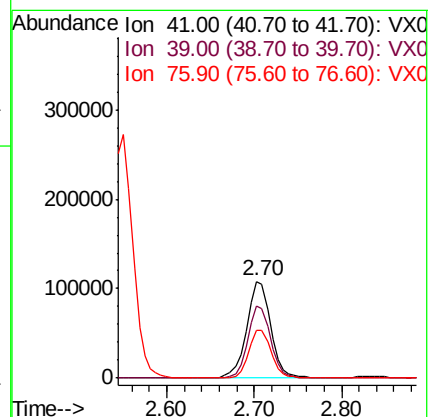
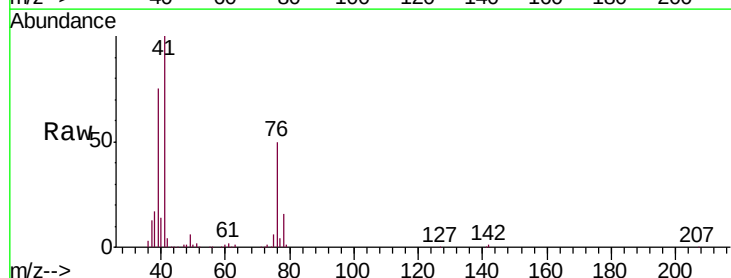
Tgt Ion: 41 Resp: 207327

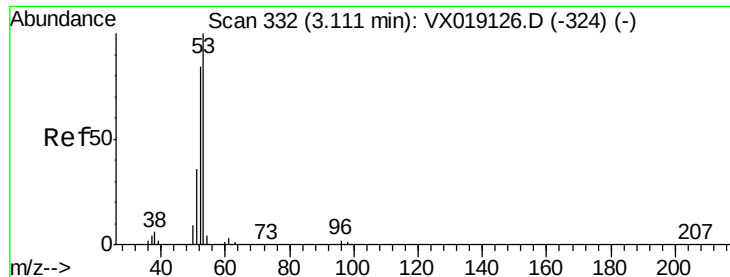
Ion Ratio Lower Upper

41 100

39 70.2 57.0 85.4

76 46.2 37.6 56.4





#15

Acrylonitrile

Concen: 530.334 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

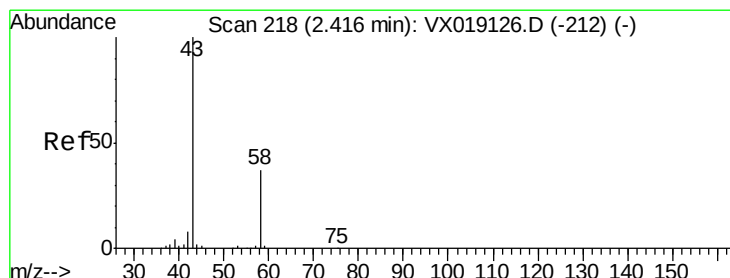
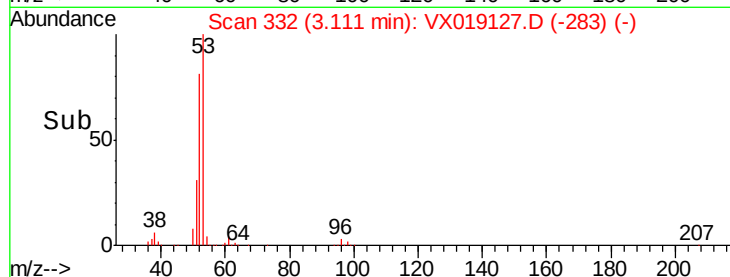
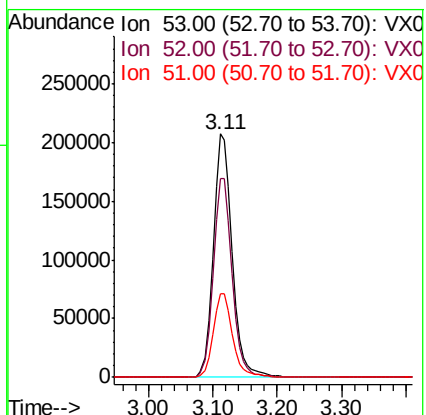
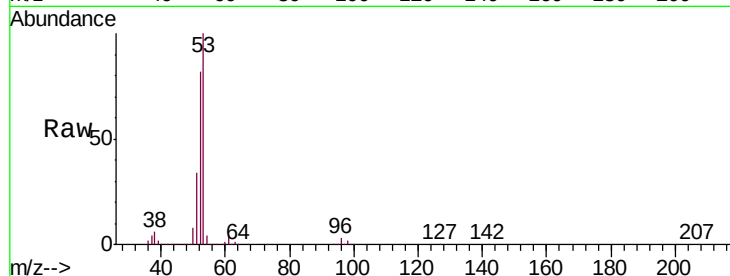
Tgt Ion: 53 Resp: 424091

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.8

51 35.4 28.5 42.7



#16

Acetone

Concen: 505.865 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019127.D

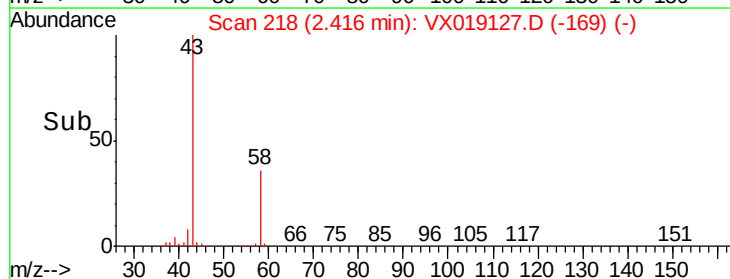
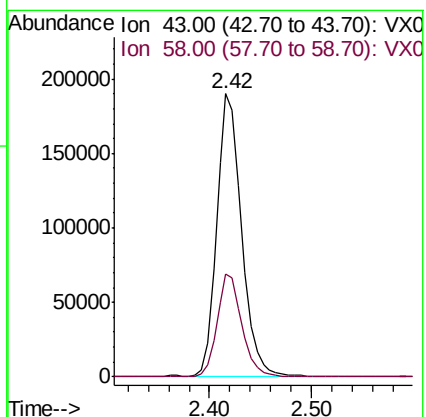
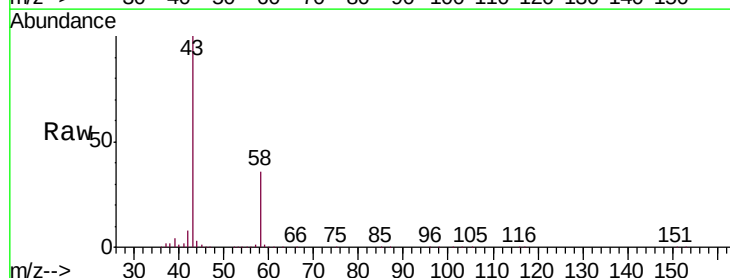
Acq: 26 Oct 2020 18:54

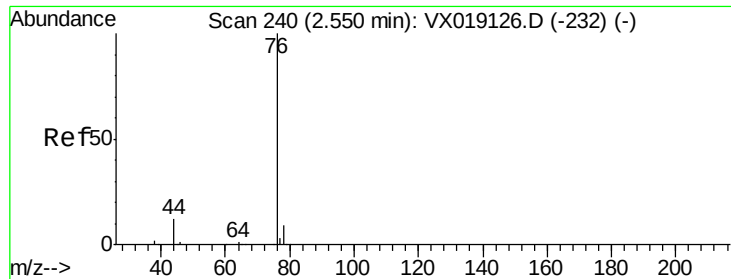
Tgt Ion: 43 Resp: 321156

Ion Ratio Lower Upper

43 100

58 36.4 29.4 44.0





#17

Carbon Disulfide

Concen: 105.066 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

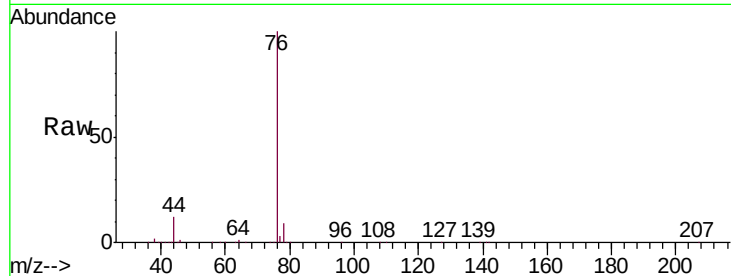
VSTDIC100

Tgt Ion: 76 Resp: 447603

Ion Ratio Lower Upper

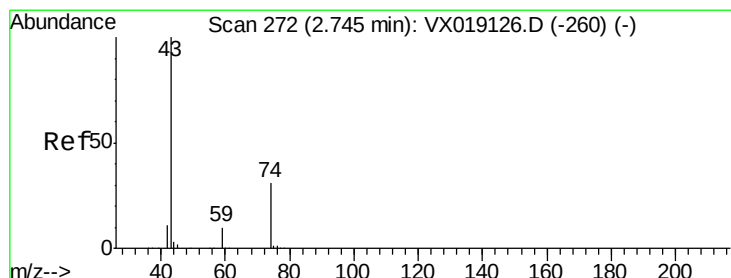
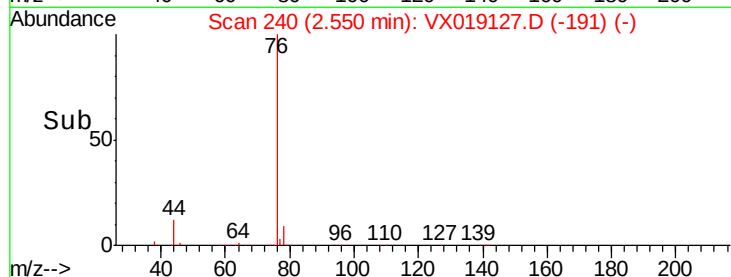
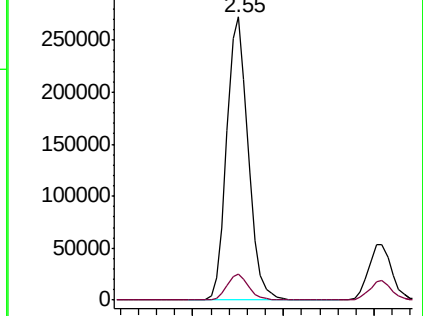
76 100

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: 99.527 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019127.D

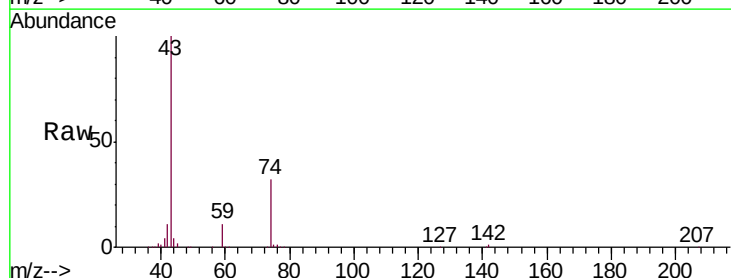
Acq: 26 Oct 2020 18:54

Tgt Ion: 43 Resp: 155402

Ion Ratio Lower Upper

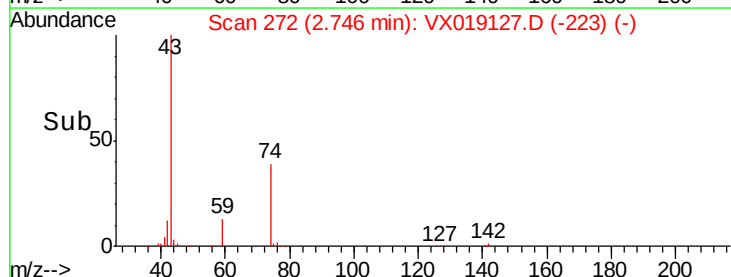
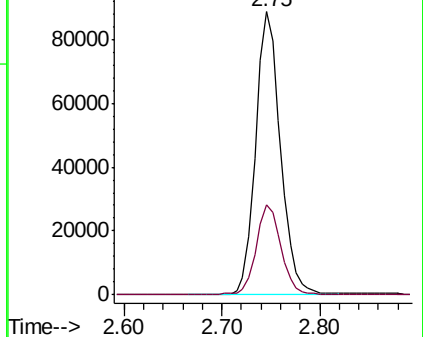
43 100

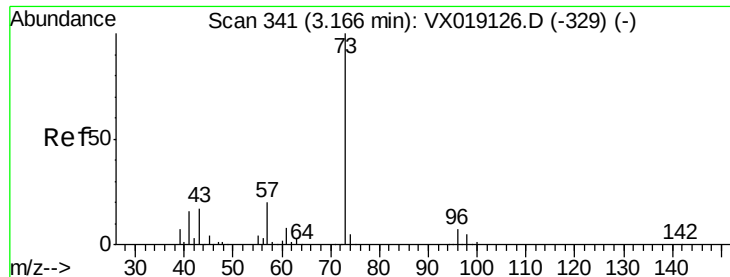
74 32.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



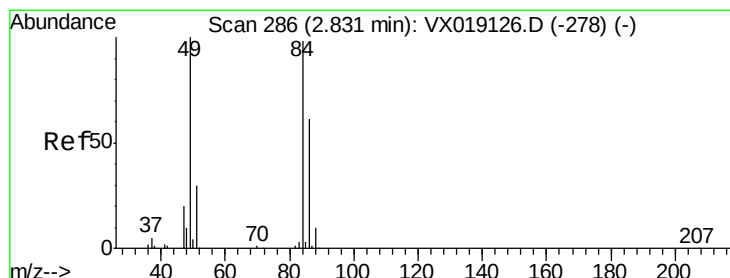
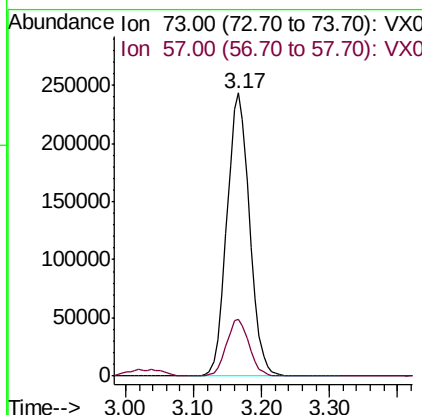
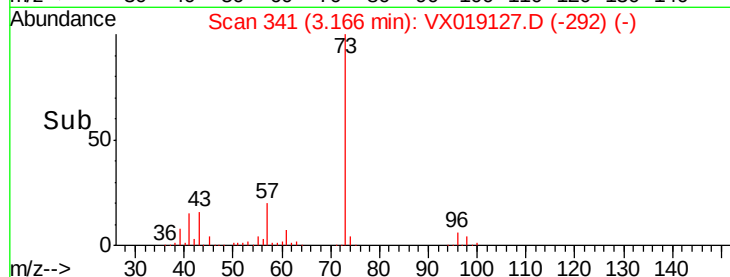
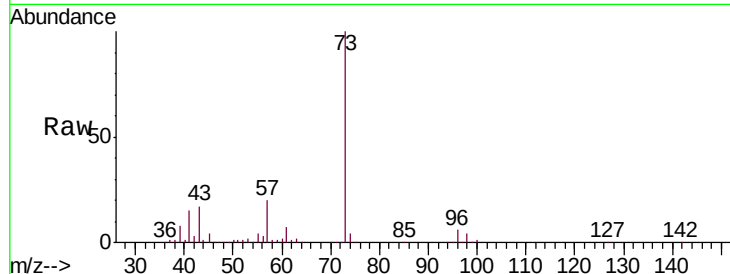


#19

Methyl tert-butyl Ether
 Concen: 106.001 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

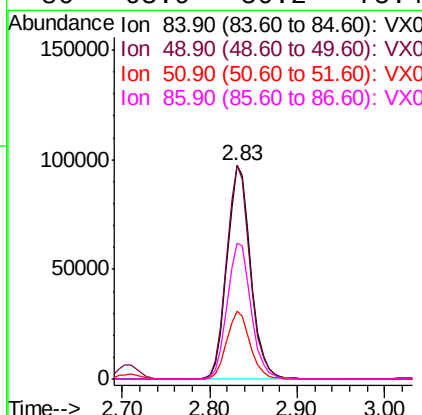
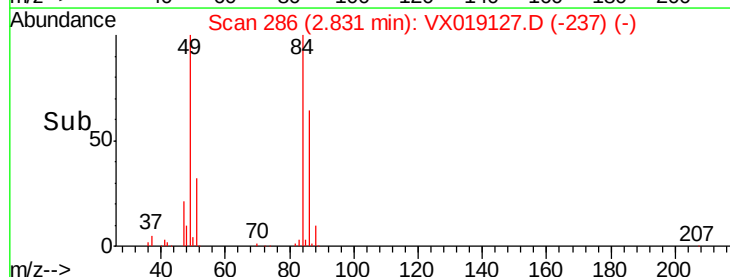
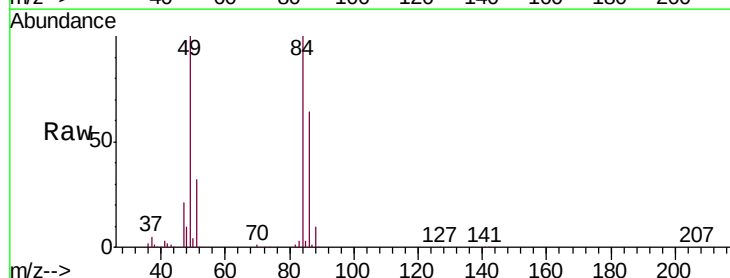
Tgt Ion: 73 Resp: 559753
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.2 24.2

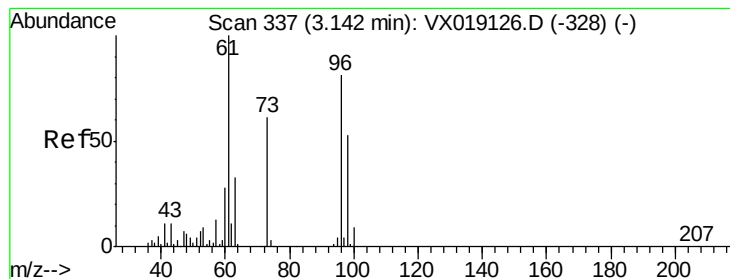


#20

Methylene Chloride
 Concen: 98.674 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 84 Resp: 182967
 Ion Ratio Lower Upper
 84 100
 49 100.1 82.0 123.0
 51 32.1 24.2 36.4
 86 63.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 104.642 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

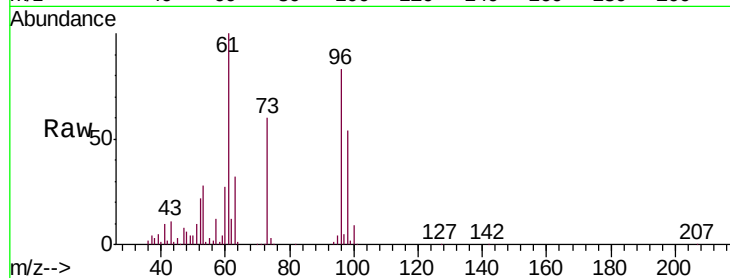
Tgt Ion: 96 Resp: 190225

Ion Ratio Lower Upper

96 100

61 119.8 98.8 148.2

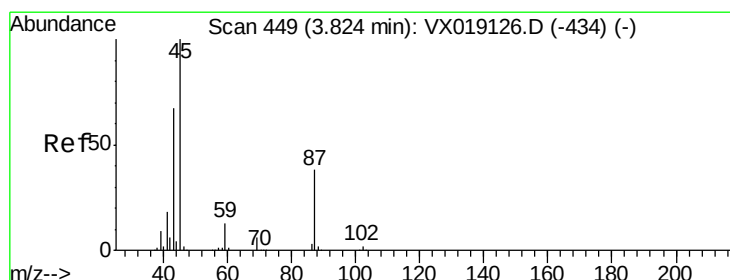
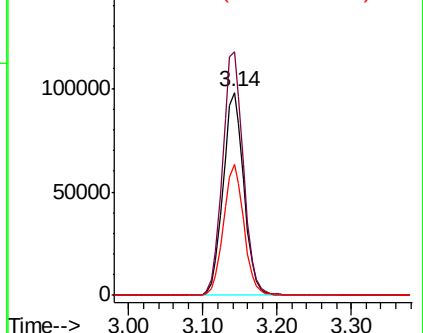
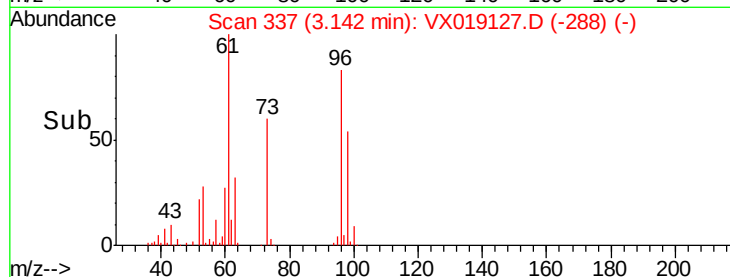
98 64.2 52.6 79.0



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: 105.958 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion: 45 Resp: 448308

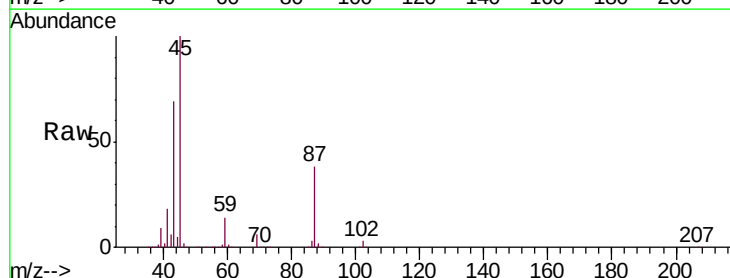
Ion Ratio Lower Upper

45 100

43 68.9 54.4 81.6

87 37.6 30.2 45.2

59 13.8 10.8 16.2

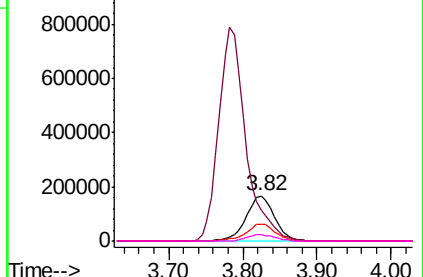
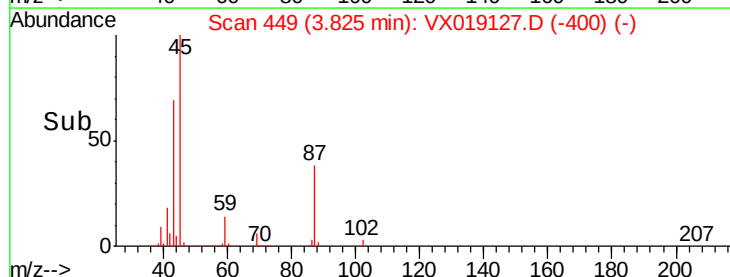


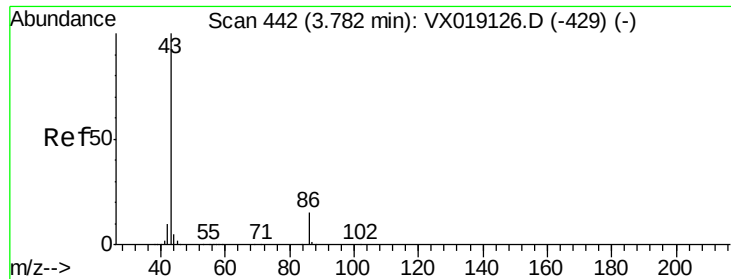
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

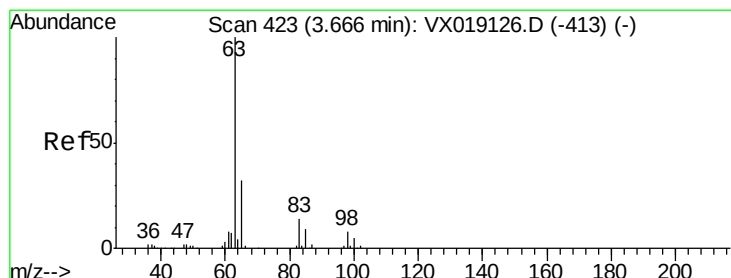
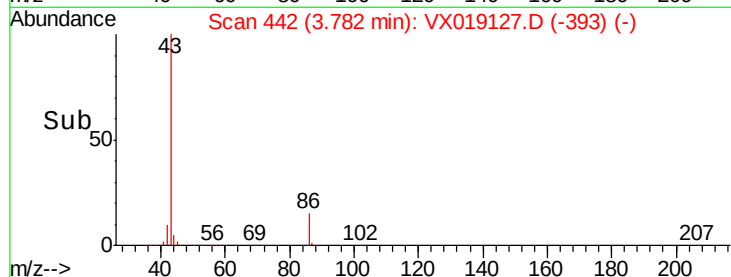
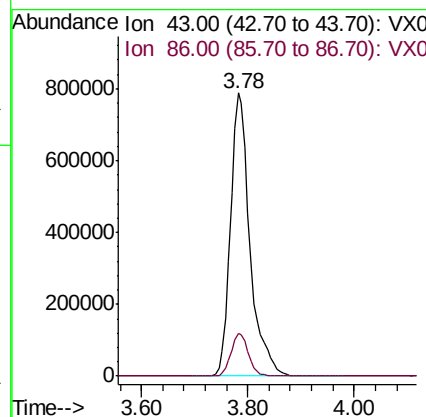
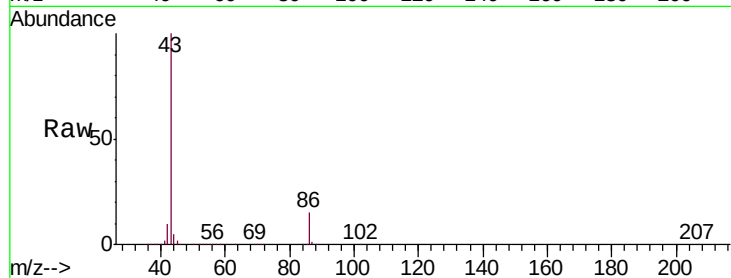




#23
 Vinyl Acetate
 Concen: 541.622 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

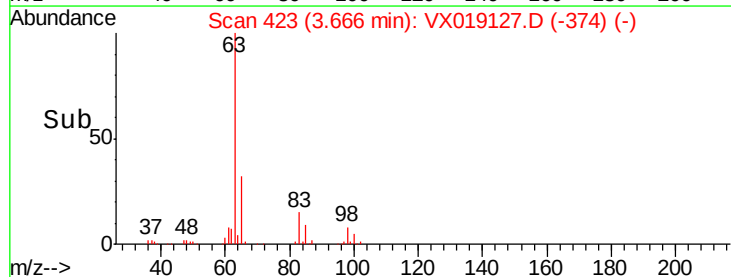
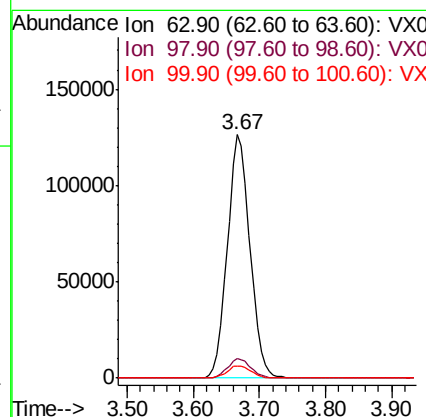
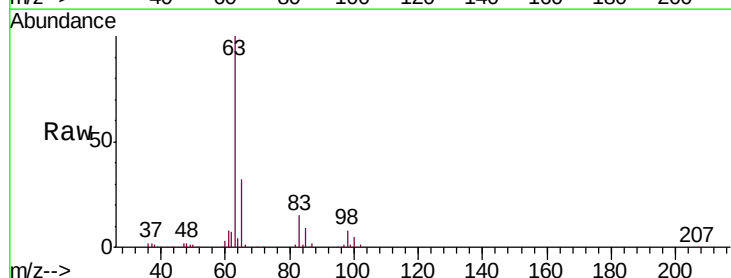
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

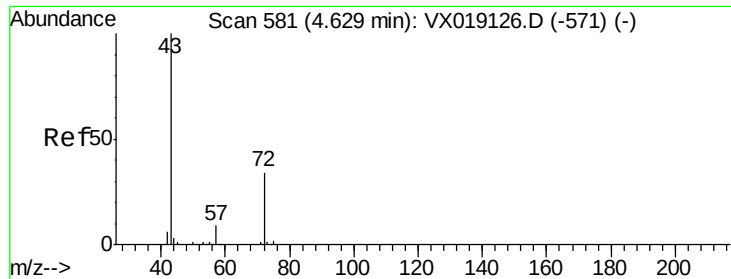
Tgt Ion: 43 Resp: 2010095
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.9 17.9



#24
 1,1-Dichloroethane
 Concen: 106.450 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 63 Resp: 298163
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 522.462 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

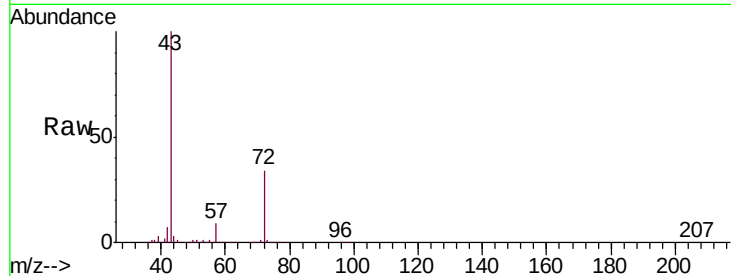
VSTDIC100

Tgt Ion: 43 Resp: 529685

Ion Ratio Lower Upper

43 100

72 34.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

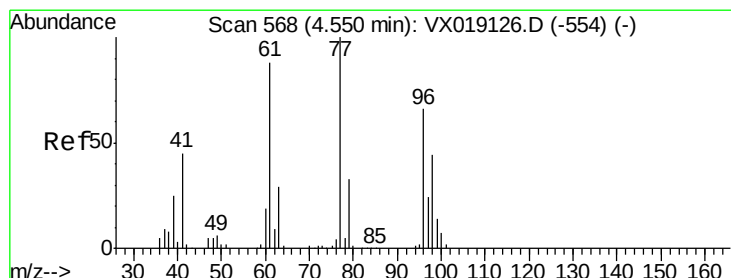
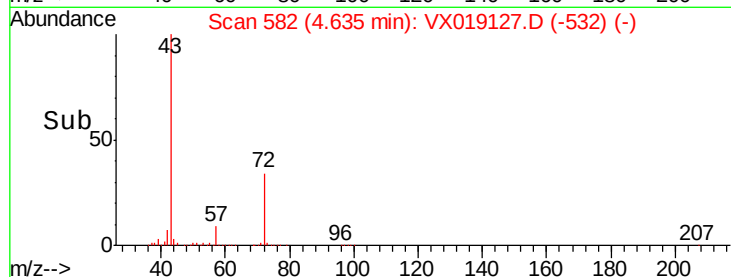
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 105.509 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019127.D

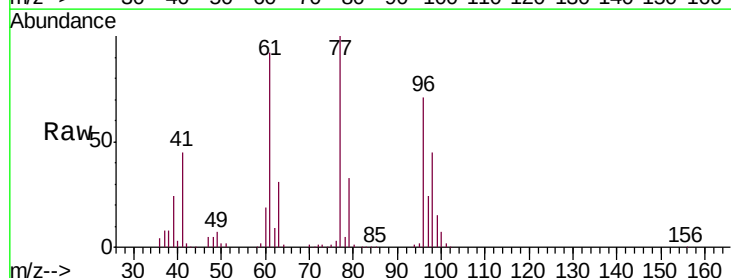
Acq: 26 Oct 2020 18:54

Tgt Ion: 77 Resp: 278088

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

100000

80000

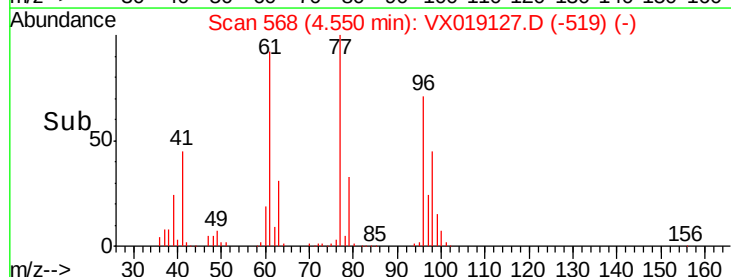
60000

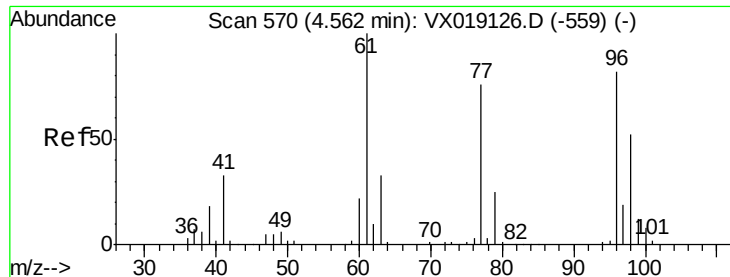
40000

20000

0

Time--> 4.40 4.60 4.80



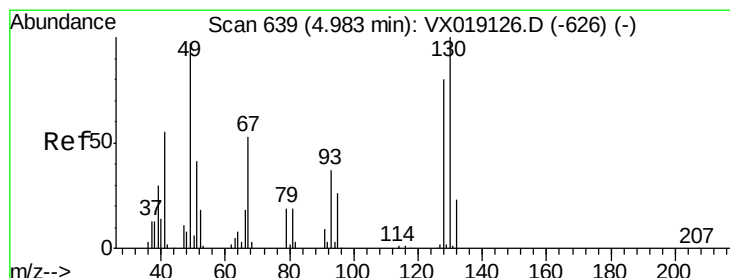
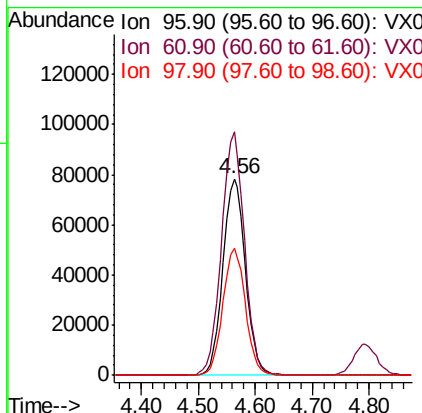
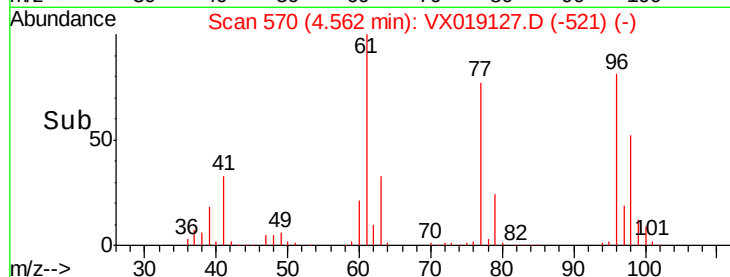
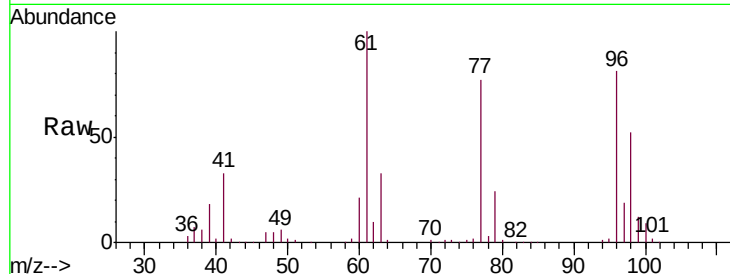


#27

cis-1,2-Dichloroethene
 Concen: 105.768 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

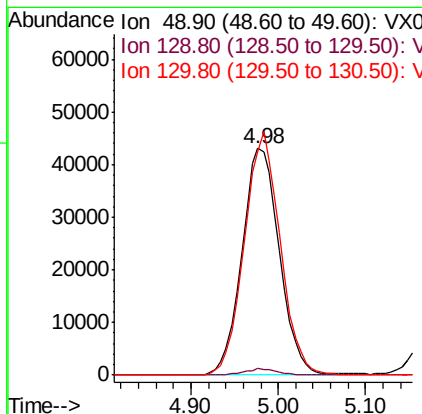
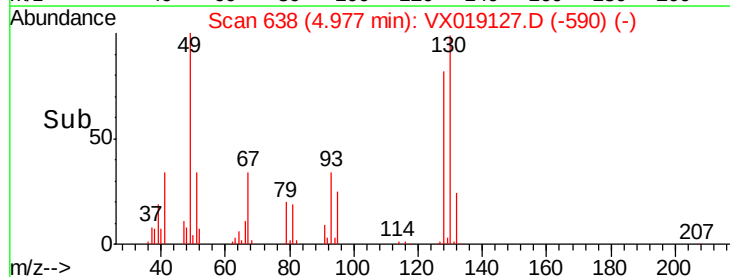
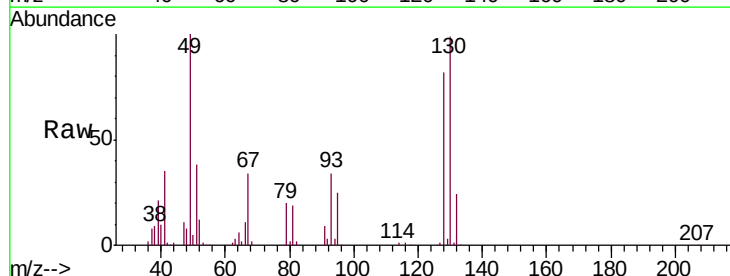
Tgt Ion: 96 Resp: 215750
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 260.0
 98 64.7 0.0 131.6

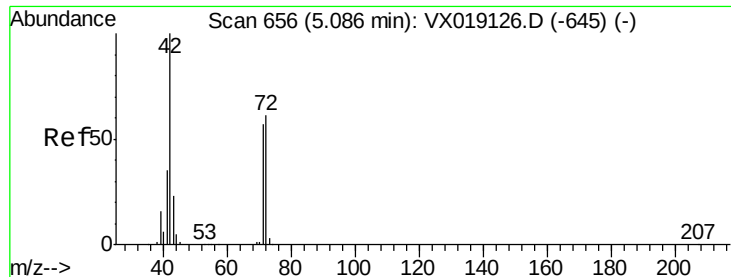


#28

Bromochloromethane
 Concen: 105.782 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 49 Resp: 128099
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 102.5 81.1 121.7





#29

Tetrahydrofuran

Concen: 533.653 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

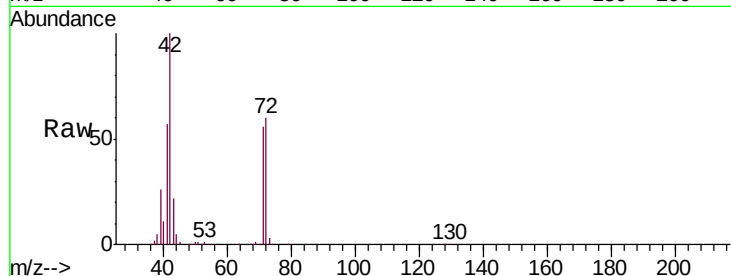
Tgt Ion: 42 Resp: 343949

Ion Ratio Lower Upper

42 100

72 61.3 49.0 73.6

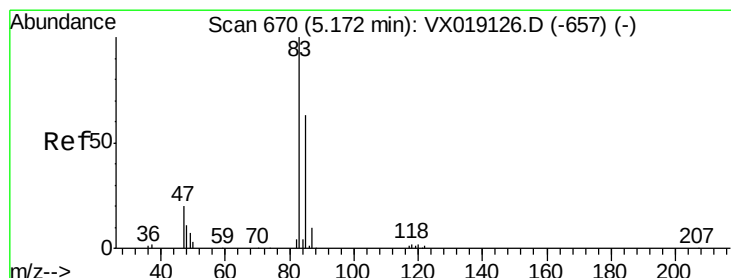
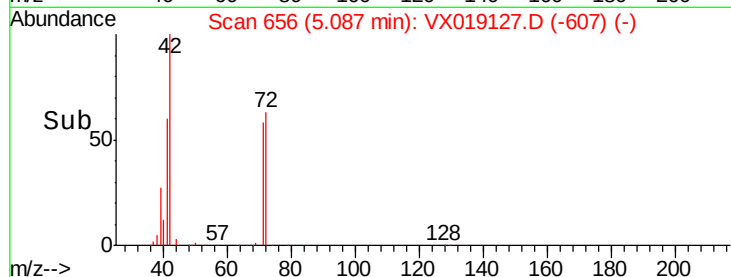
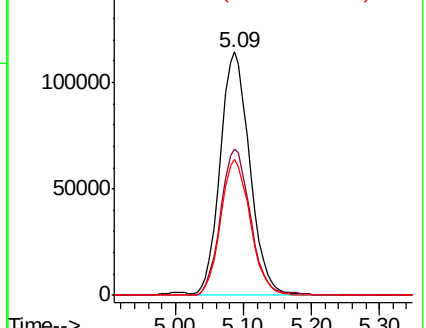
71 56.1 44.9 67.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 106.740 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019127.D

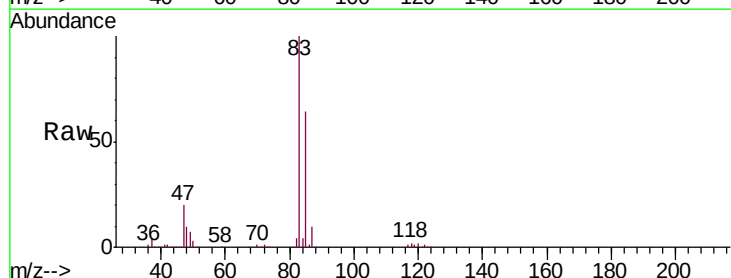
Acq: 26 Oct 2020 18:54

Tgt Ion: 83 Resp: 333331

Ion Ratio Lower Upper

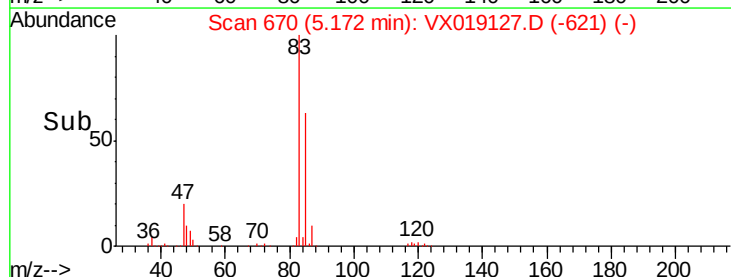
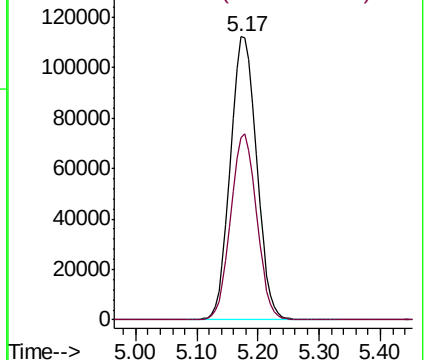
83 100

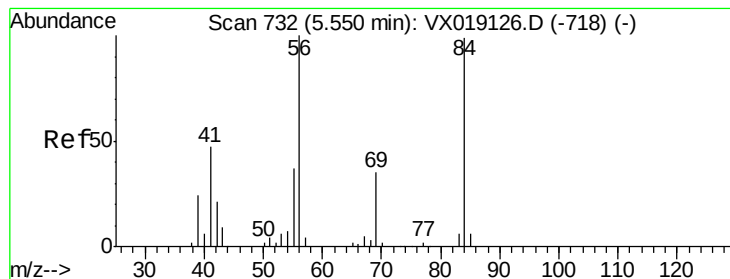
85 64.2 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 104.003 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

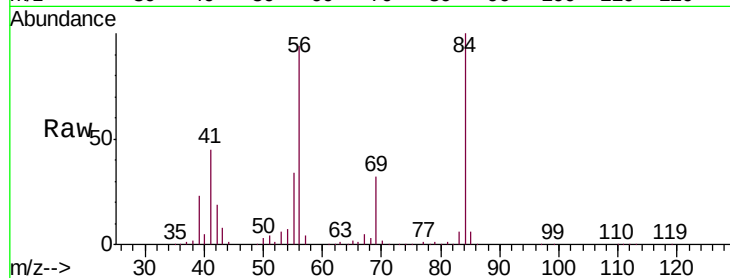
Tgt Ion: 56 Resp: 253976

Ion Ratio Lower Upper

56 100

69 34.5 28.1 42.1

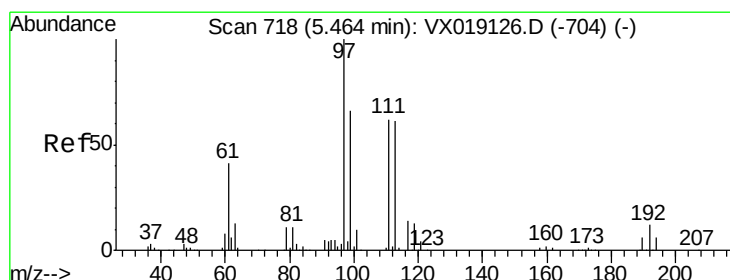
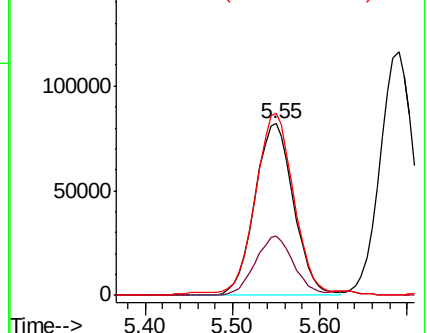
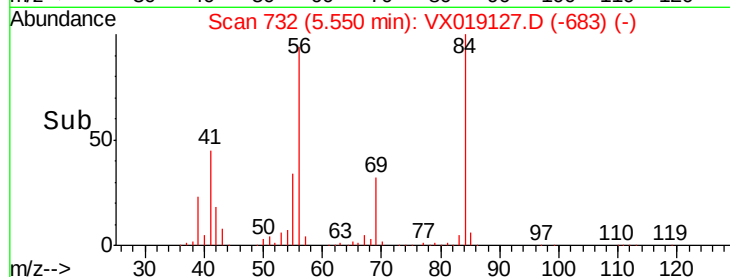
84 104.4 79.0 118.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 109.141 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

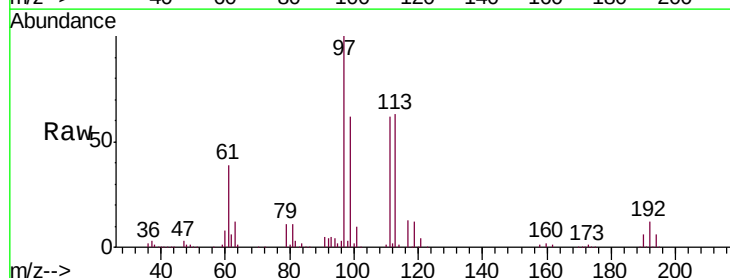
Tgt Ion: 97 Resp: 303783

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

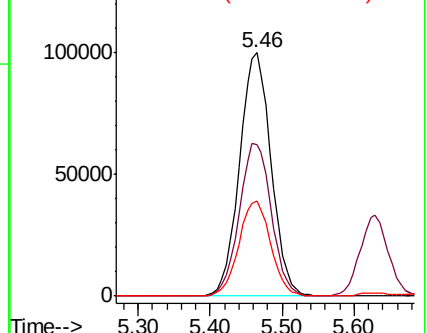
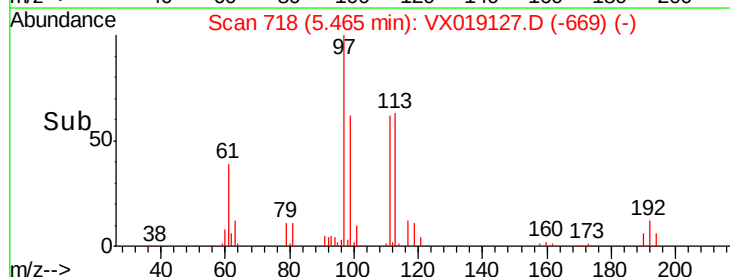
61 39.7 32.5 48.7

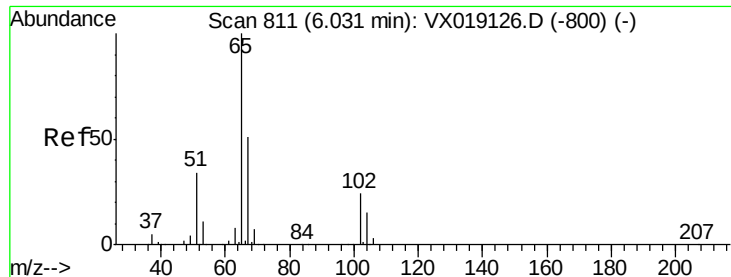


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

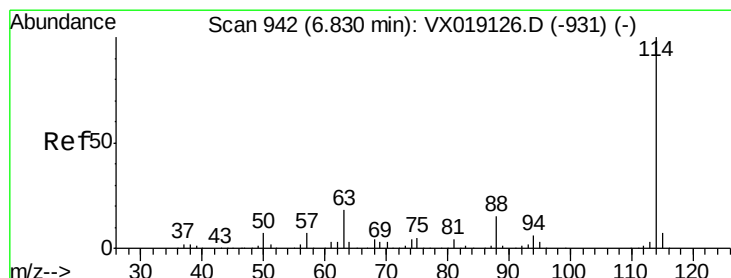
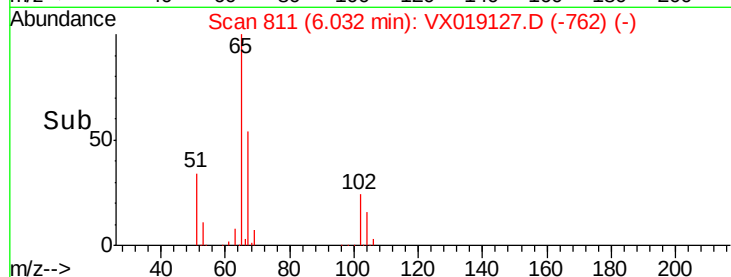
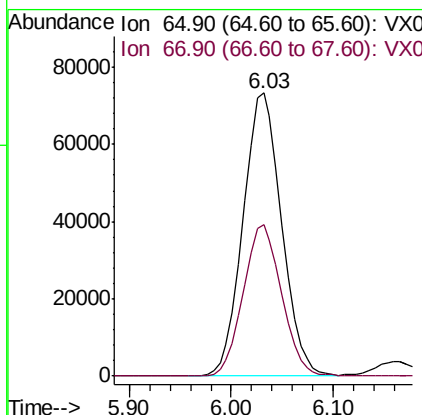
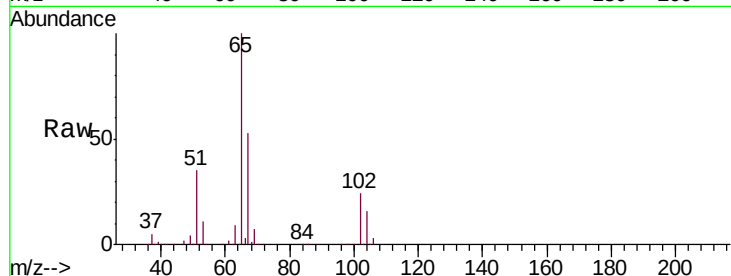




#33
 1,2-Dichloroethane-d4
 Concen: 98.272 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

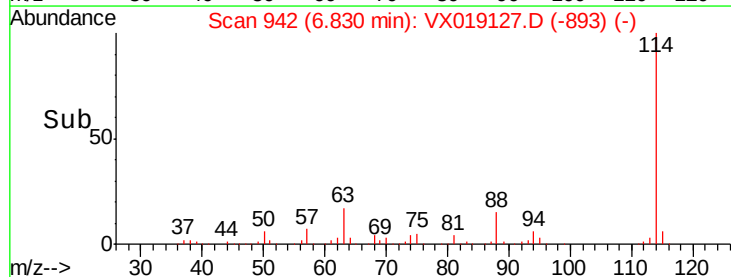
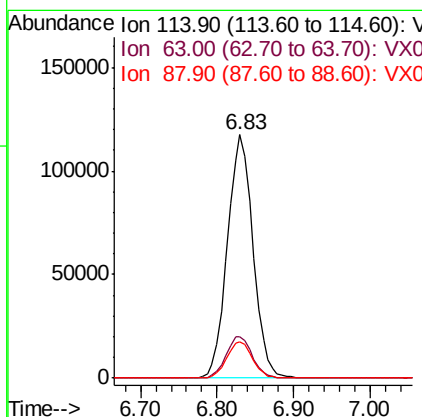
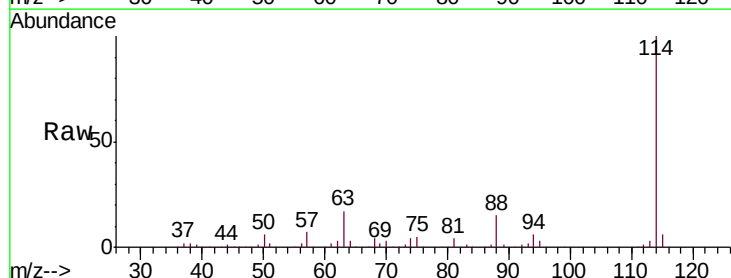
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

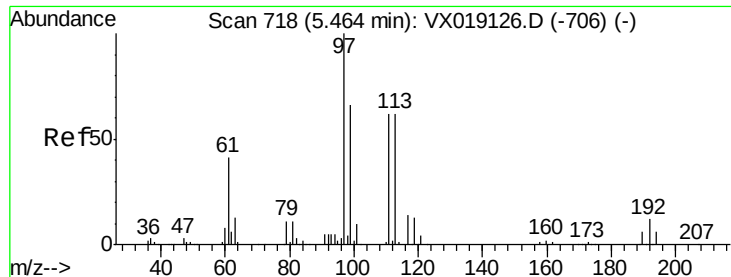
Tgt Ion: 65 Resp: 192928
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 114 Resp: 272460
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.4
 88 14.6 0.0 30.8

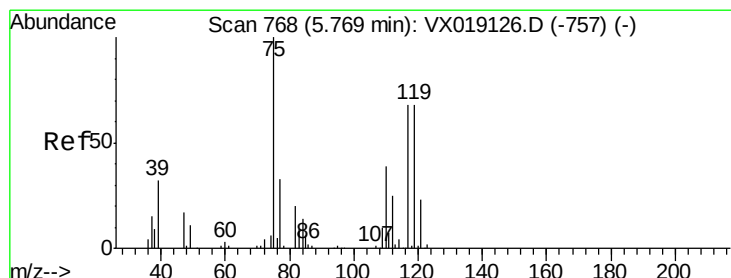
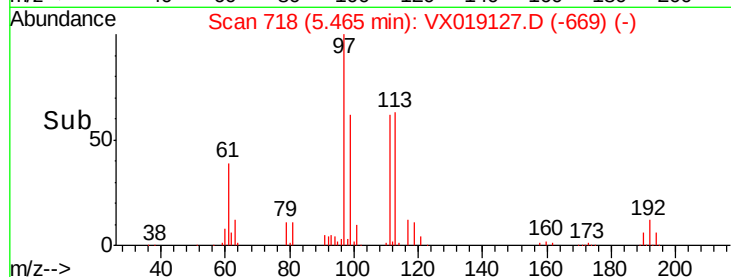
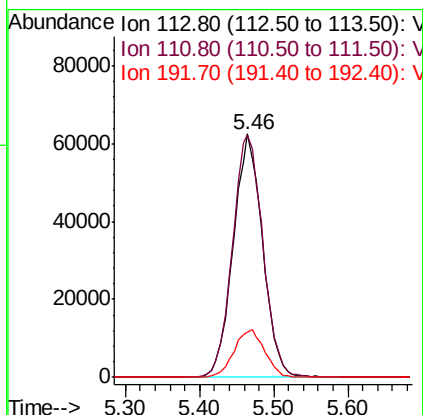
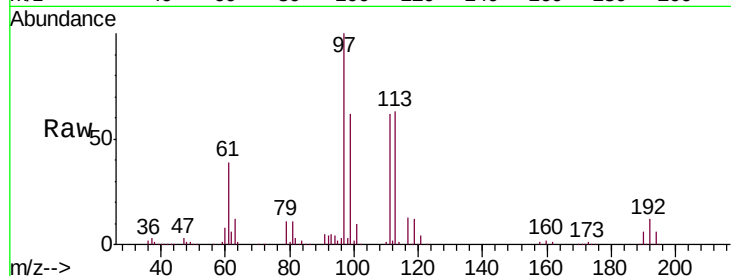




#35
Dibromofluoromethane
Concen: 102.192 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

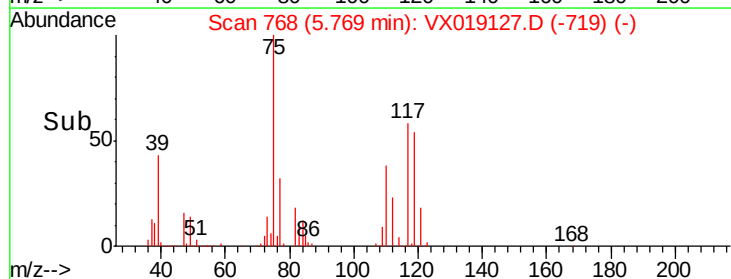
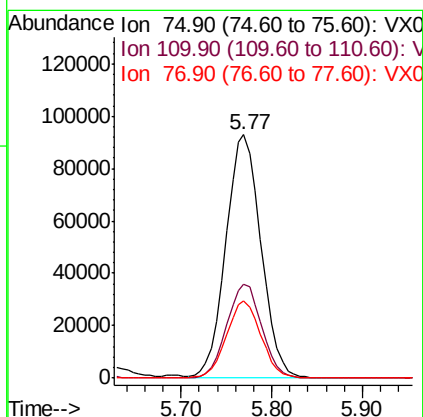
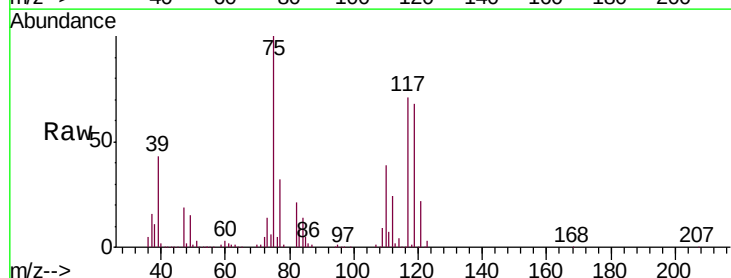
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

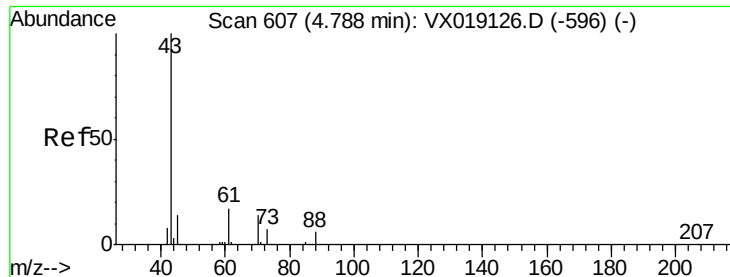
Tgt Ion: 113 Resp: 172854
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 20.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 104.579 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 75 Resp: 249326
Ion Ratio Lower Upper
75 100
110 38.7 19.3 57.9
77 31.3 25.4 38.0

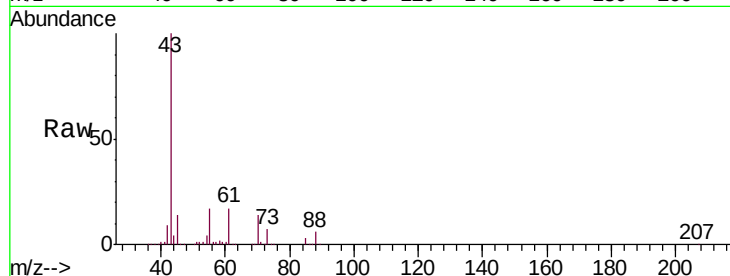




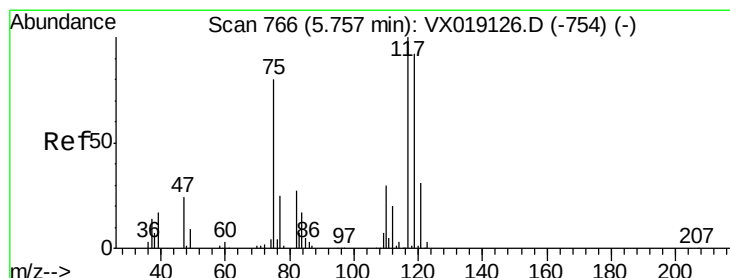
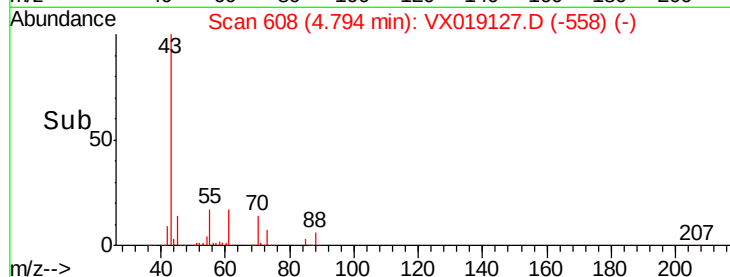
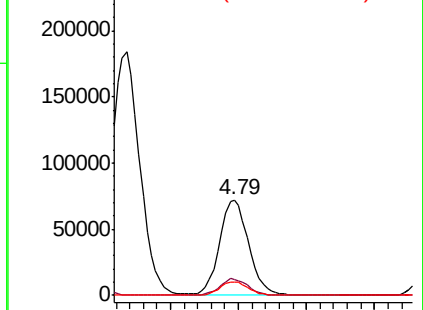
#37
Ethyl Acetate
Concen: 103.937 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 213917
Ion Ratio Lower Upper
43 100
61 17.0 13.6 20.4
70 14.0 11.0 16.6

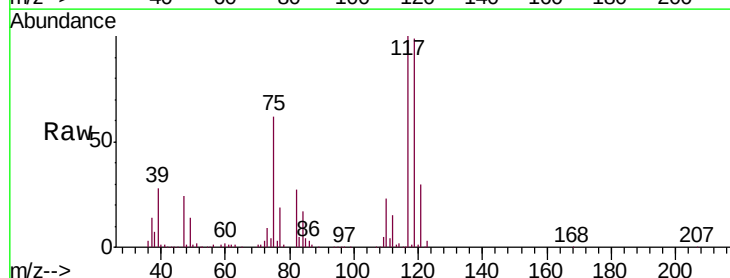


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

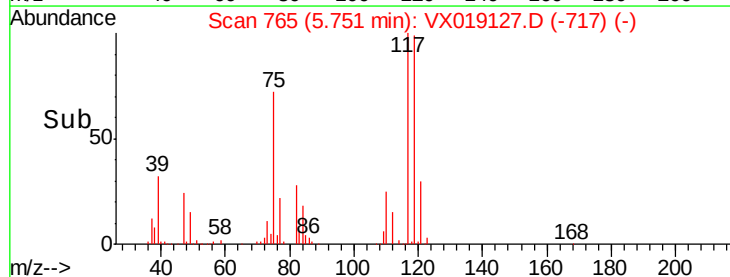
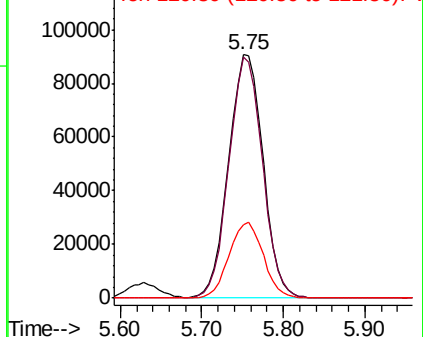


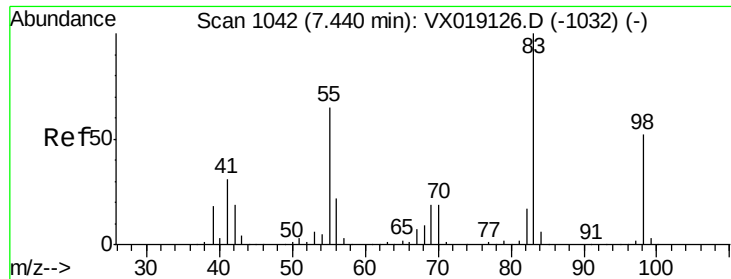
#38
Carbon Tetrachloride
Concen: 108.059 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 117 Resp: 265097
Ion Ratio Lower Upper
117 100
119 98.9 73.5 110.3
121 30.1 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

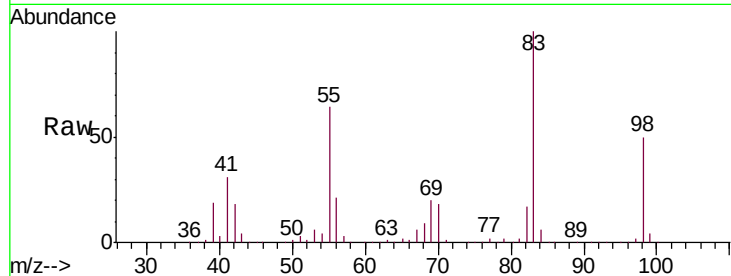




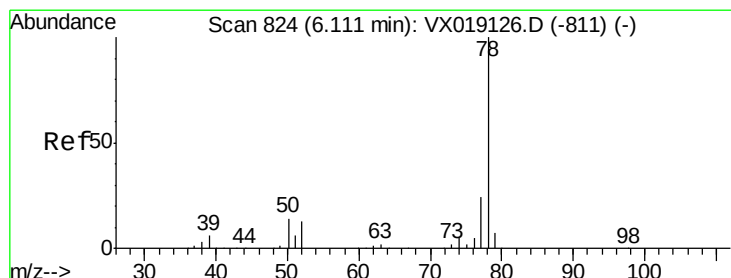
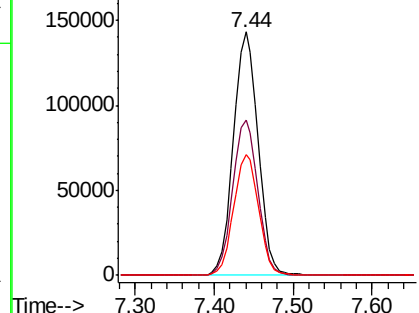
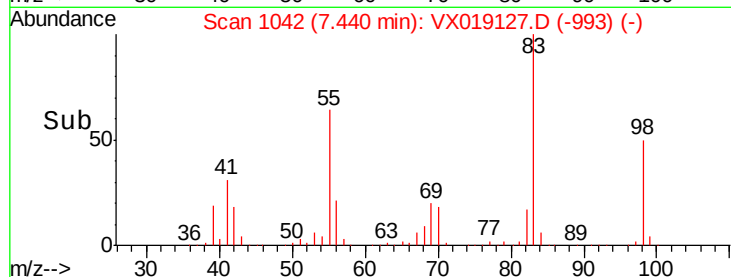
#39
Methylcyclohexane
Concen: 106.557 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 312294
Ion Ratio Lower Upper
83 100
55 63.6 51.7 77.5
98 49.8 41.9 62.9

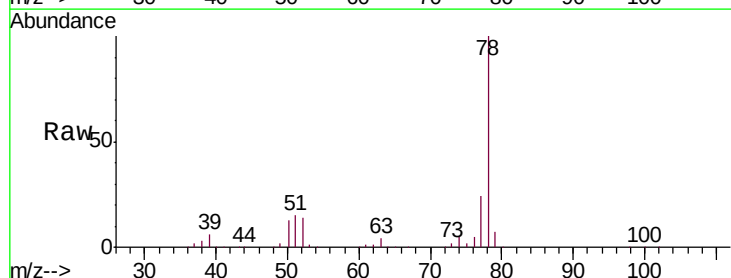


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

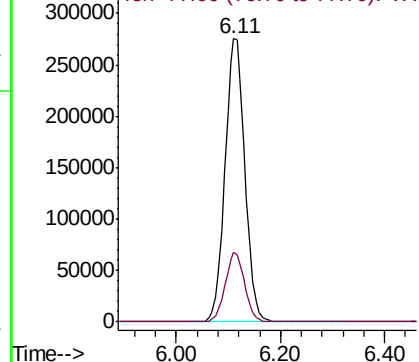
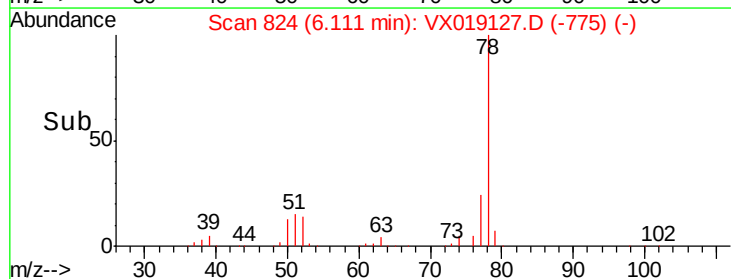


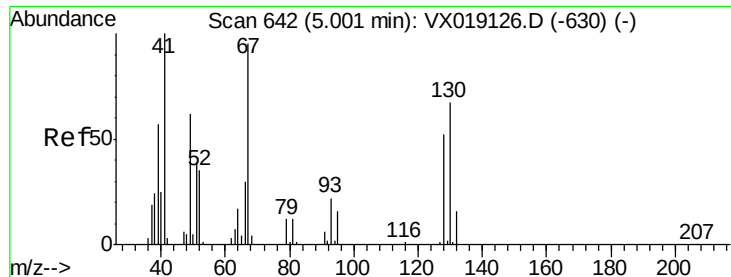
#40
Benzene
Concen: 104.884 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 78 Resp: 736238
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

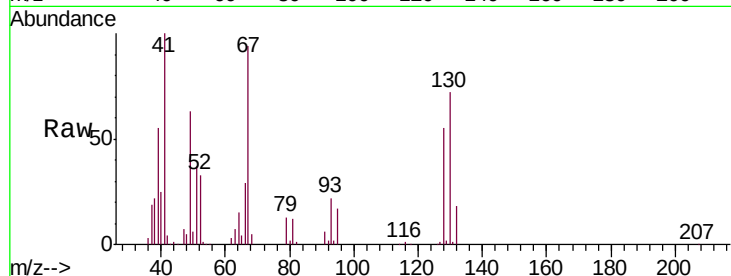




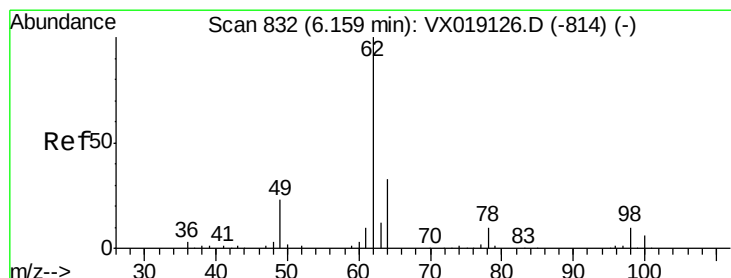
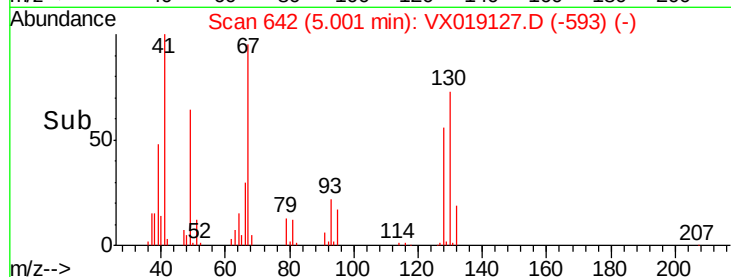
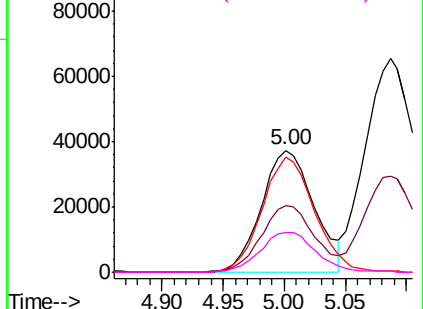
#41
Methacrylonitrile
Concen: 105.934 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 111954
Ion Ratio Lower Upper
41 100
39 55.3 44.7 67.1
67 94.6 75.3 112.9
52 34.8 27.8 41.8

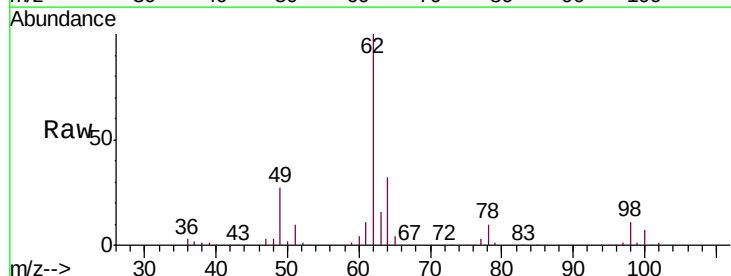


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

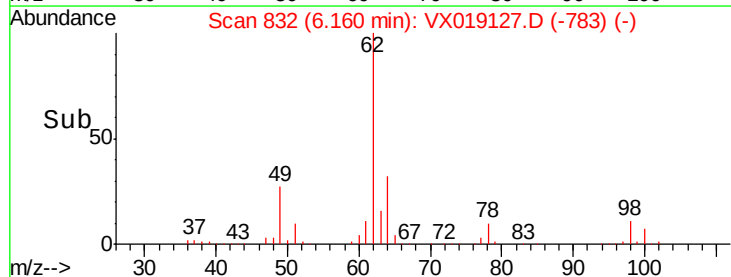
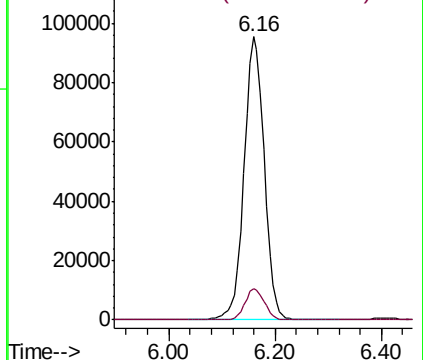


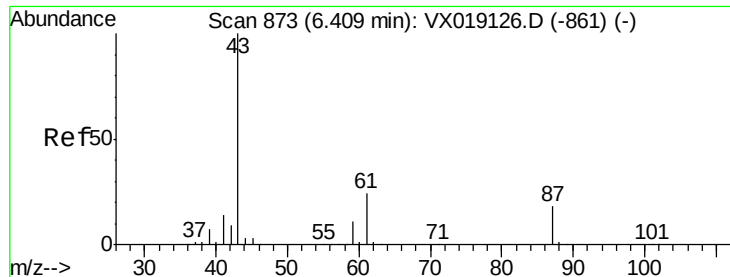
#42
1,2-Dichloroethane
Concen: 105.514 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 62 Resp: 249577
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: 105.769 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

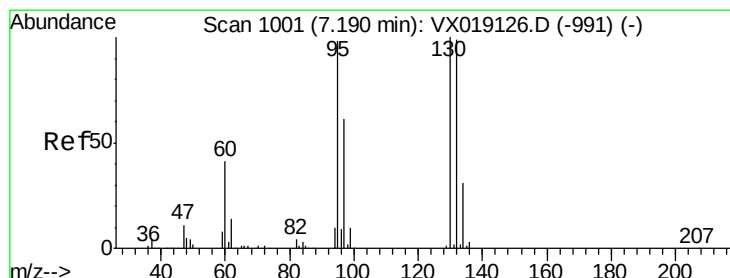
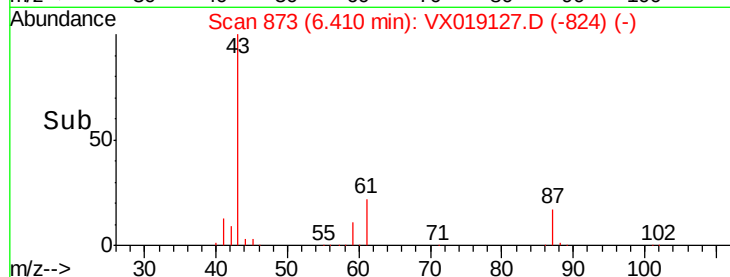
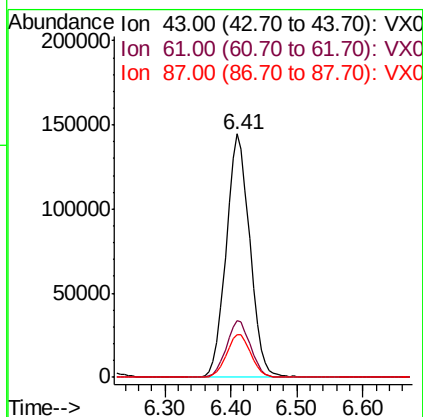
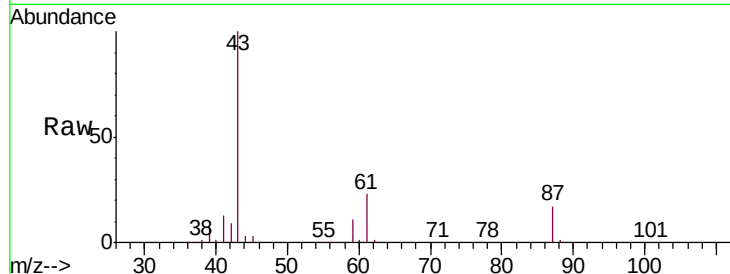
Tgt Ion: 43 Resp: 356186

Ion Ratio Lower Upper

43 100

61 23.8 19.0 28.4

87 18.1 14.3 21.5



#44

Trichloroethene

Concen: 107.032 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019127.D

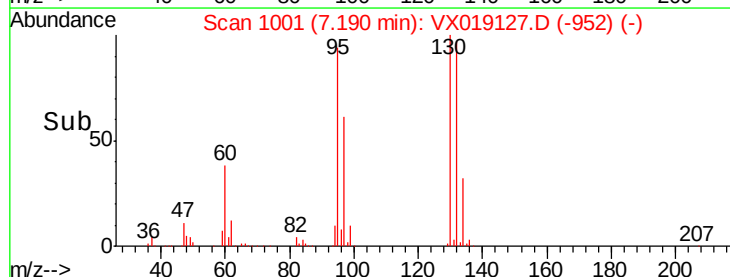
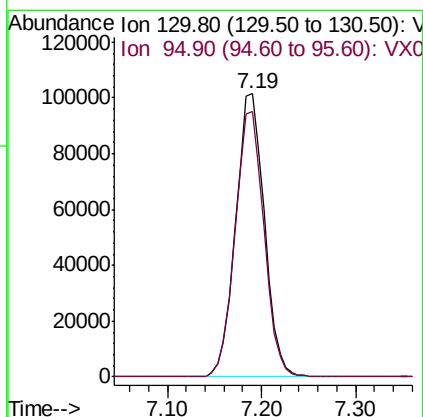
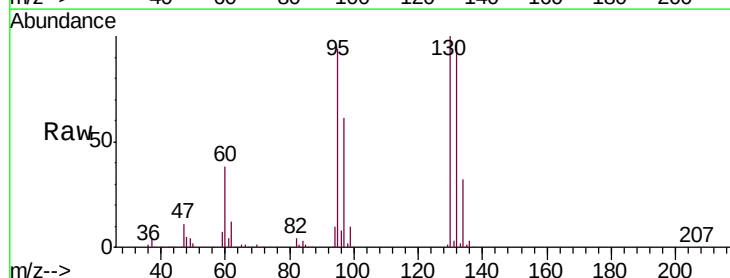
Acq: 26 Oct 2020 18:54

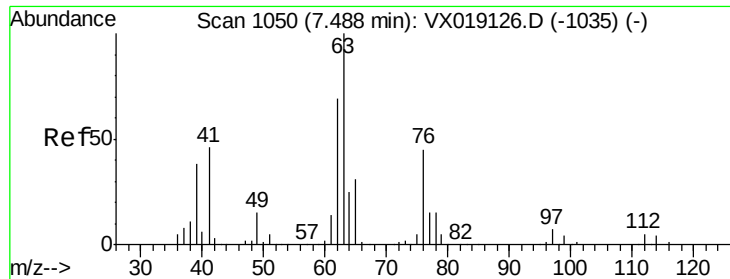
Tgt Ion: 130 Resp: 216192

Ion Ratio Lower Upper

130 100

95 93.6 0.0 195.6





#45

1,2-Dichloropropane

Concen: 106.900 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

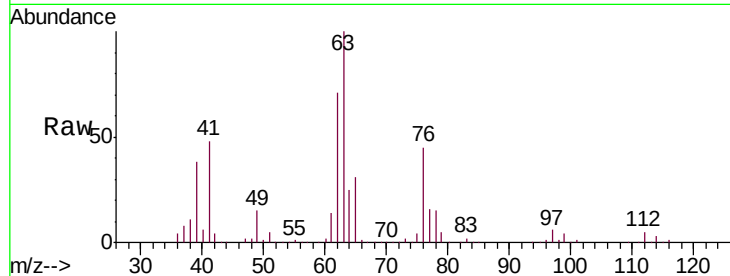
VSTDIC100

Tgt Ion: 63 Resp: 175202

Ion Ratio Lower Upper

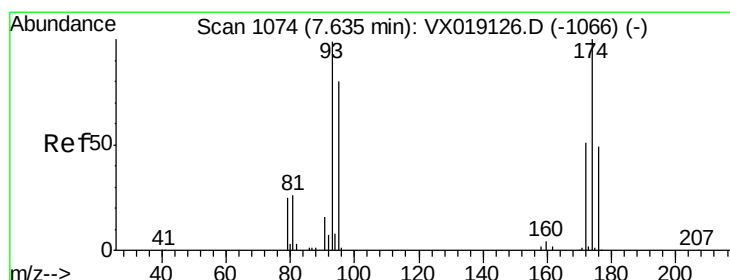
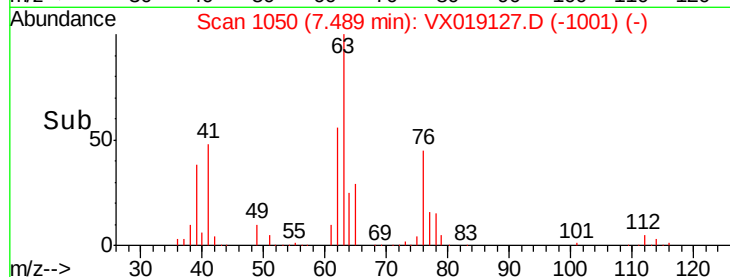
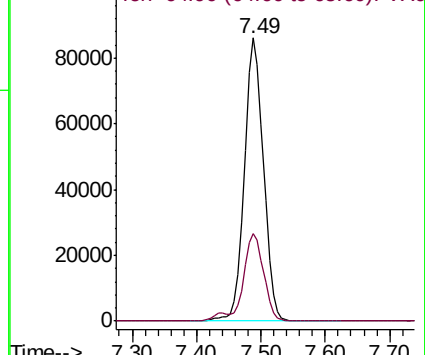
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 107.841 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

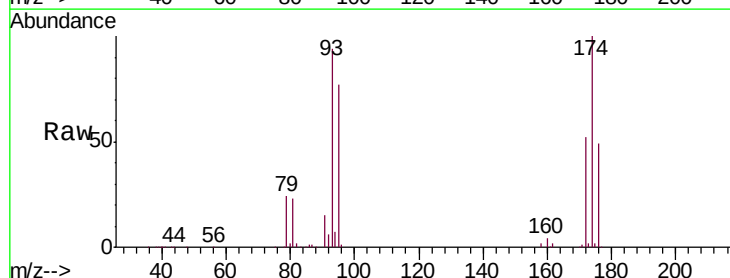
Tgt Ion: 93 Resp: 134048

Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

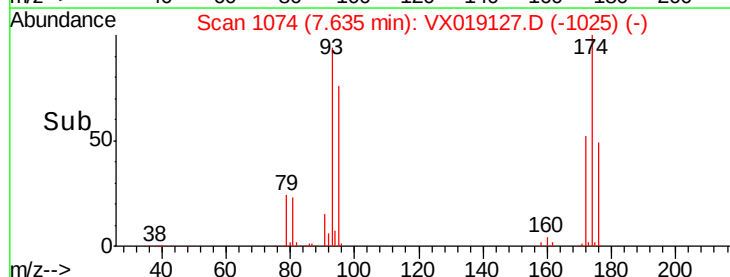
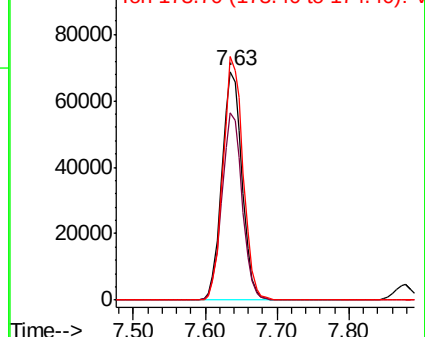
174 105.4 84.5 126.7

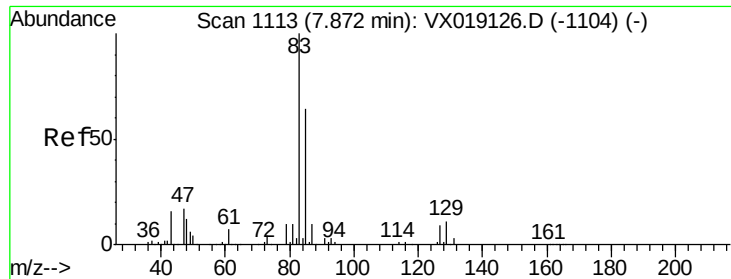


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 110.142 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

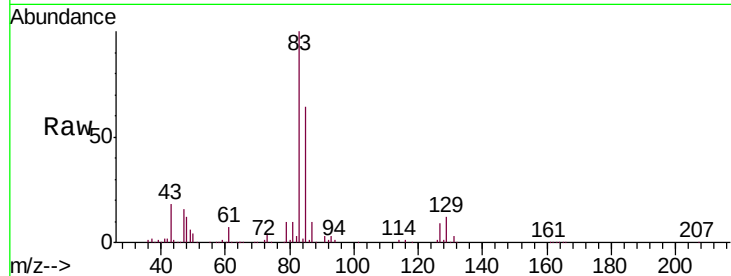
Tgt Ion: 83 Resp: 266071

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 8.9 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

7.87

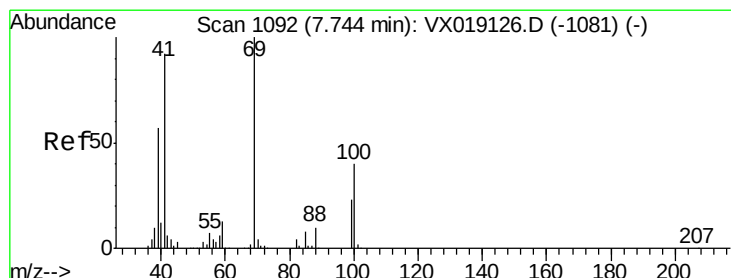
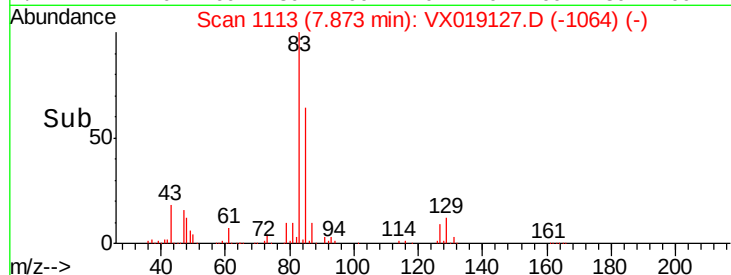
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 106.596 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

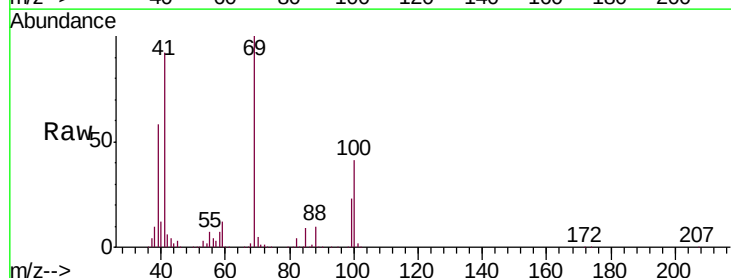
Tgt Ion: 41 Resp: 167942

Ion Ratio Lower Upper

41 100

69 108.1 86.3 129.5

39 61.7 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

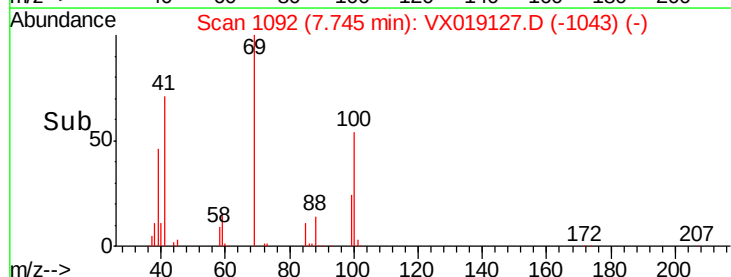
7.74

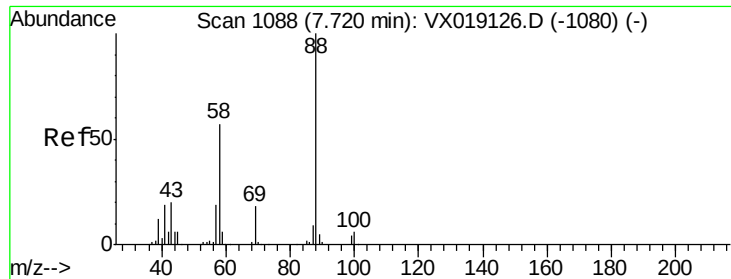
100000

50000

0

Time-->

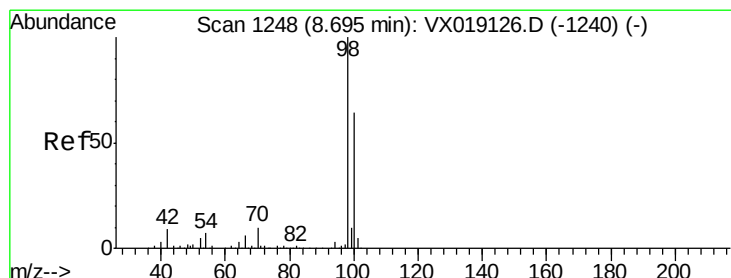
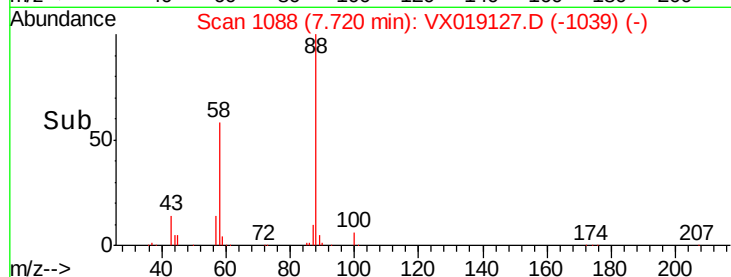
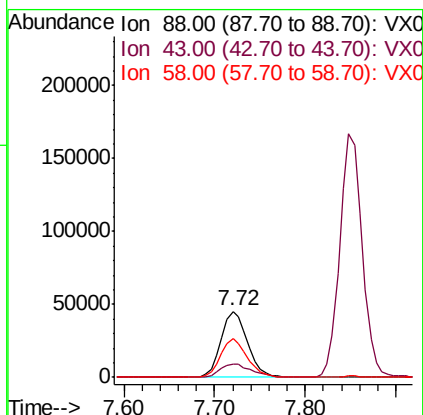
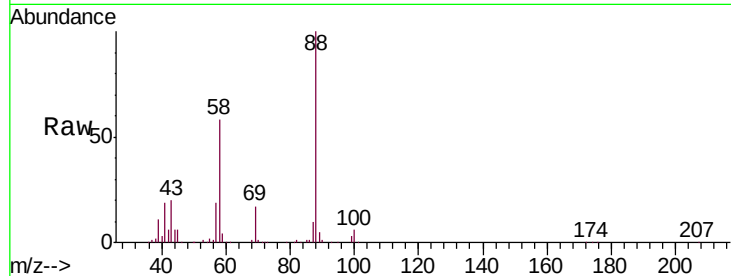




#49
 1,4-Dioxane
 Concen: 2178.482 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

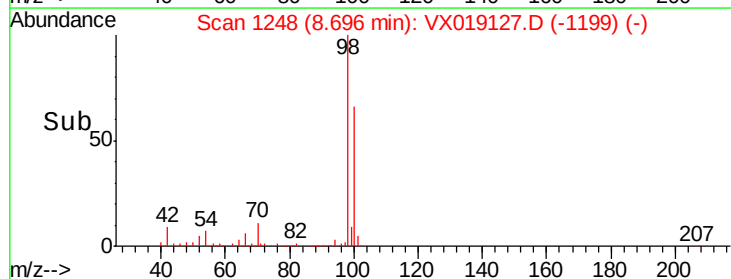
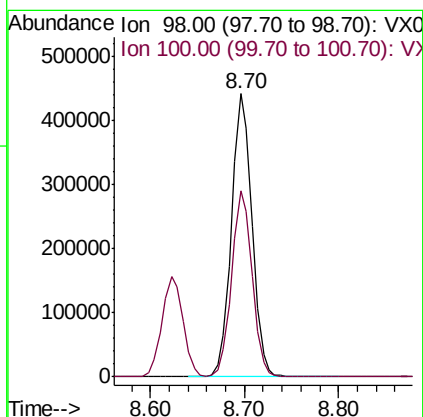
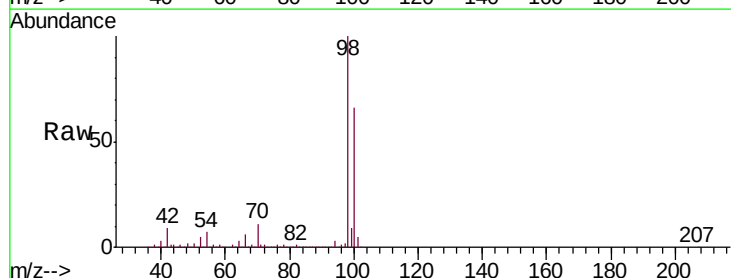
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

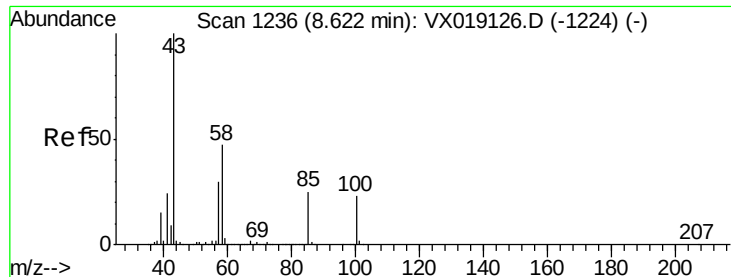
Tgt Ion: 88 Resp: 92262
 Ion Ratio Lower Upper
 88 100
 43 24.0 19.7 29.5
 58 59.0 47.8 71.6



#50
 Toluene-d8
 Concen: 101.917 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 98 Resp: 666037
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7

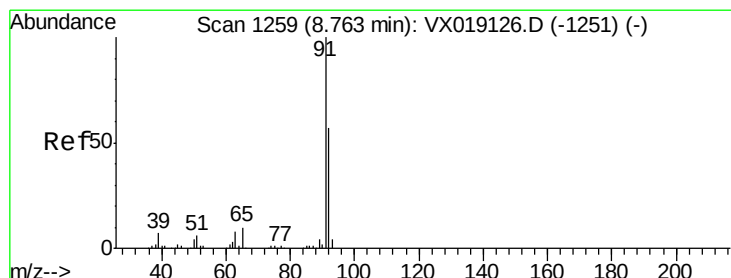
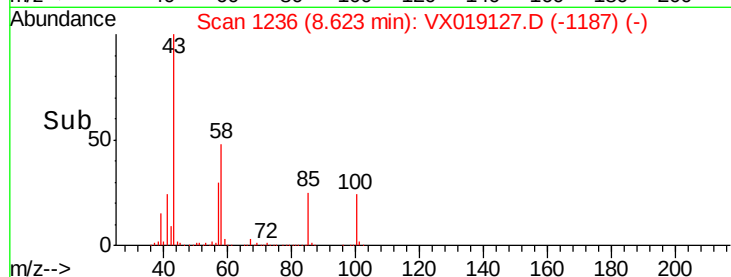
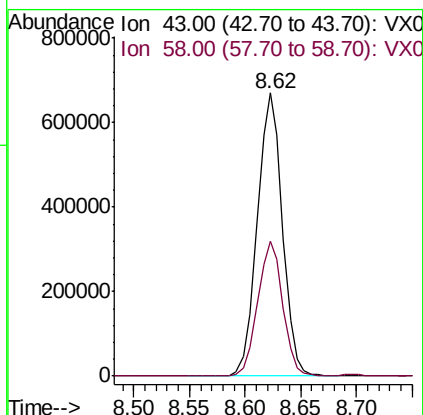
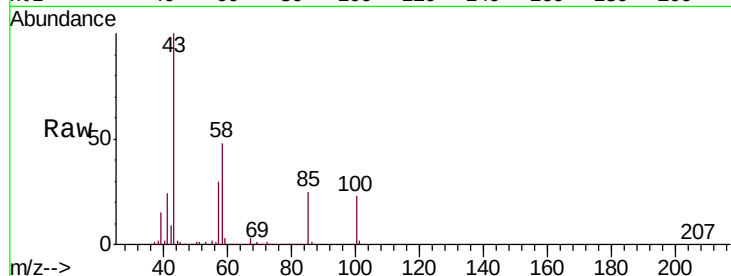




#51
 4-Methyl-2-Pentanone
 Concen: 535.349 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

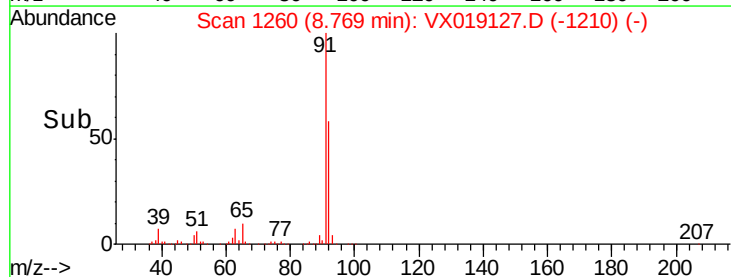
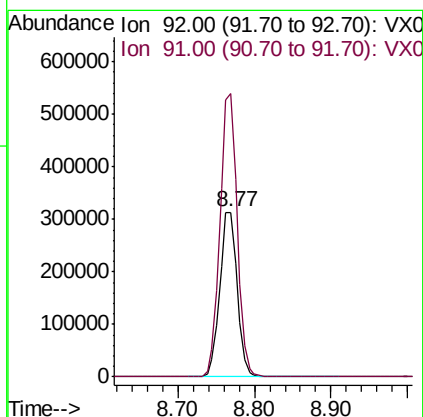
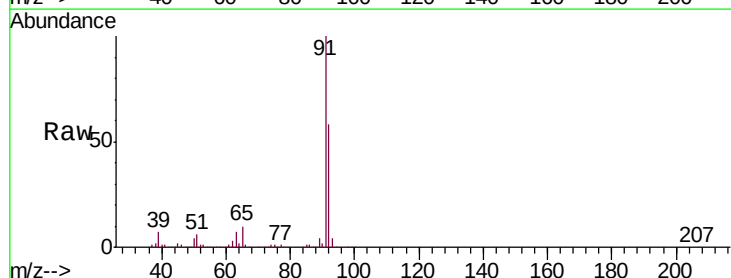
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

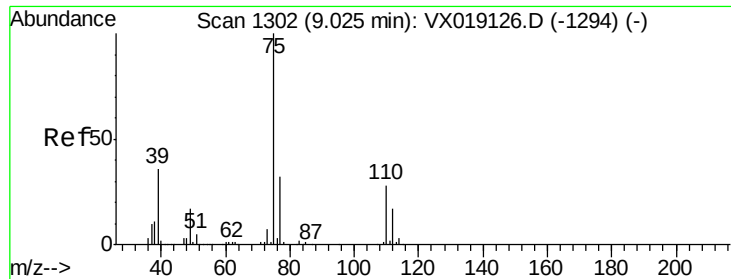
Tgt Ion: 43 Resp: 1053626
 Ion Ratio Lower Upper
 43 100
 58 47.5 37.3 55.9



#52
 Toluene
 Concen: 107.805 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 92 Resp: 490980
 Ion Ratio Lower Upper
 92 100
 91 171.4 138.4 207.6

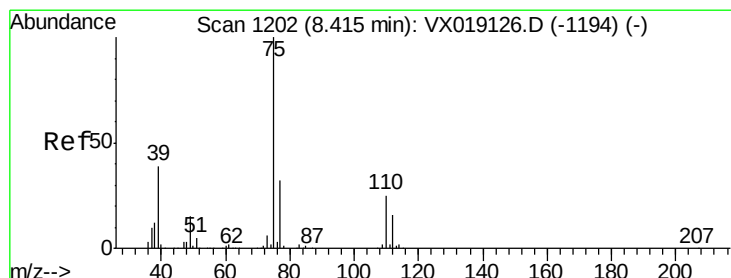
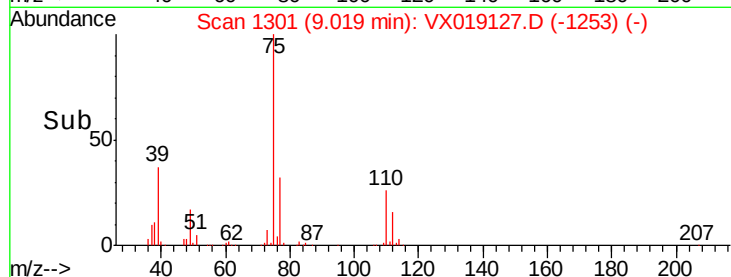
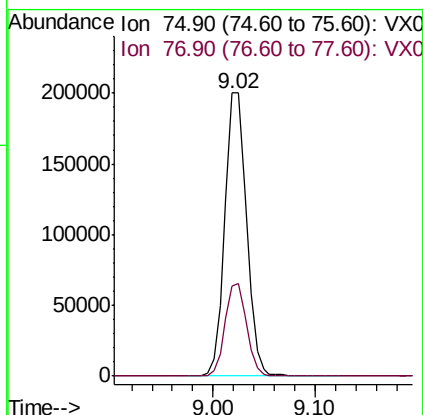
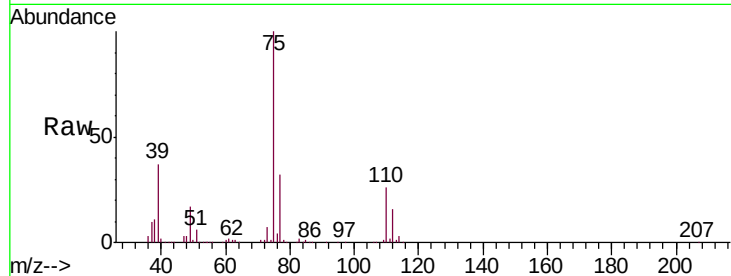




#53
t-1,3-Dichloropropene
Concen: 110.835 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

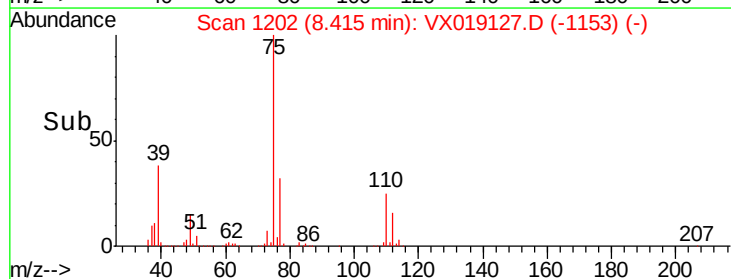
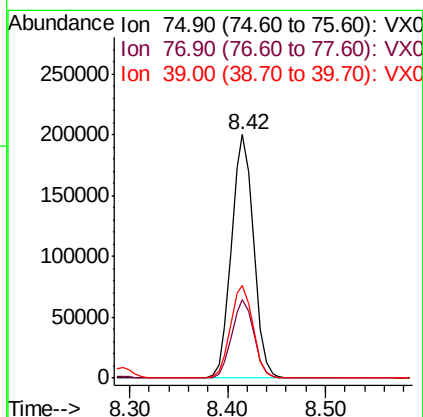
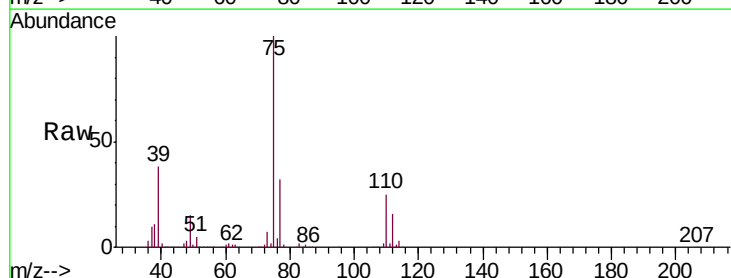
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

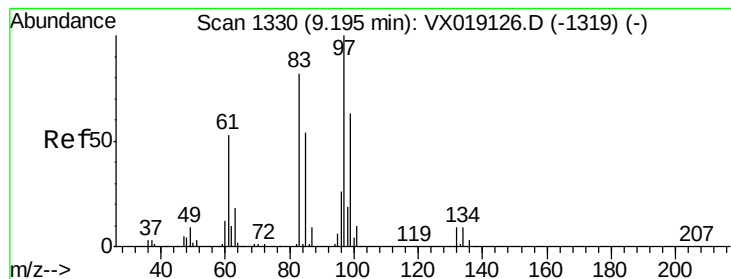
Tgt Ion: 75 Resp: 295768
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 110.379 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 75 Resp: 314348
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 37.7 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 107.558 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 194965

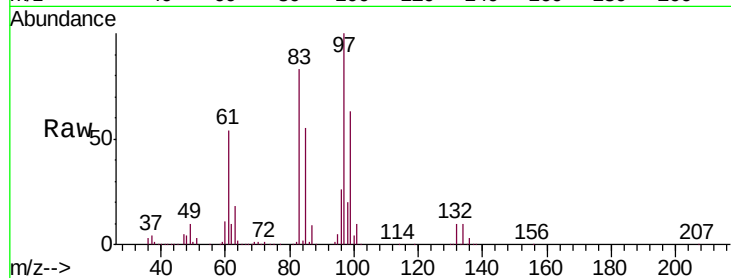
Ion Ratio Lower Upper

97 100

83 83.2 65.6 98.4

85 54.7 43.4 65.2

99 62.9 50.4 75.6

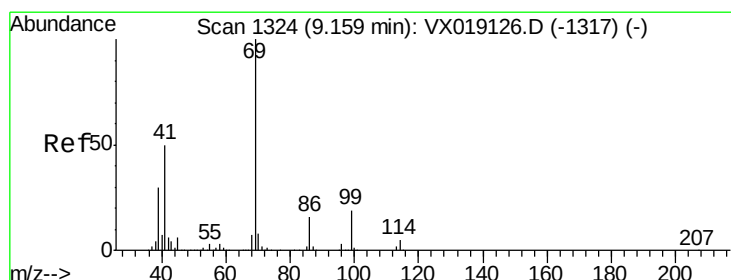
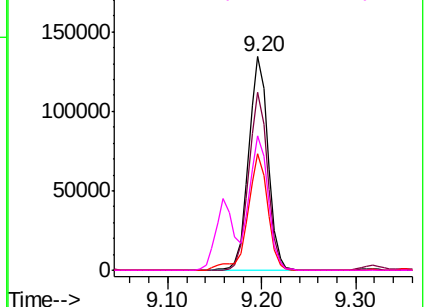
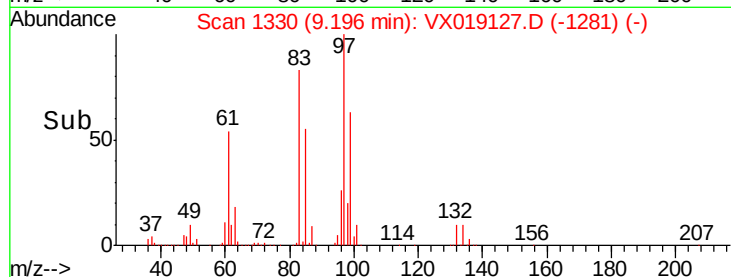


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 110.117 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

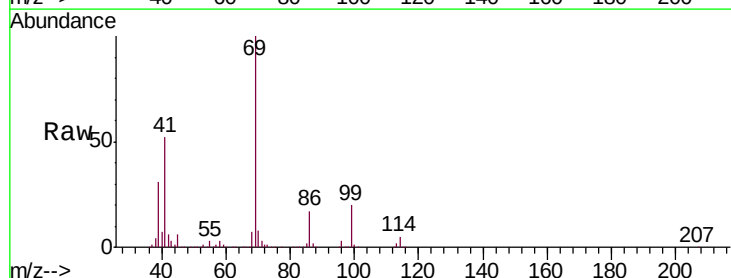
Tgt Ion: 69 Resp: 285037

Ion Ratio Lower Upper

69 100

41 52.2 40.3 60.5

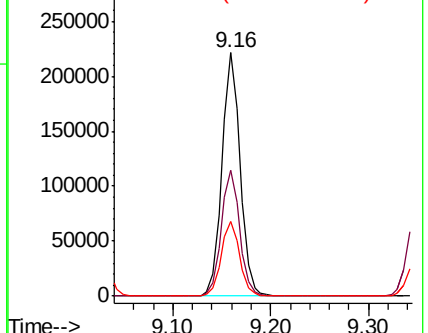
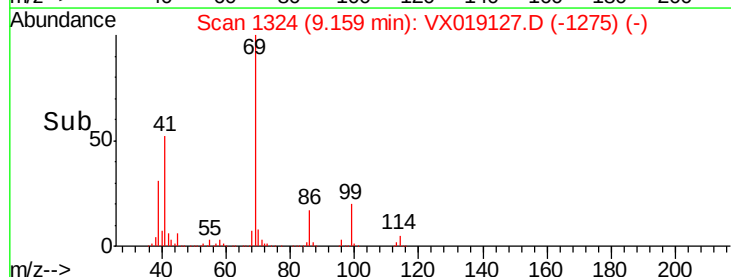
39 31.2 24.6 37.0

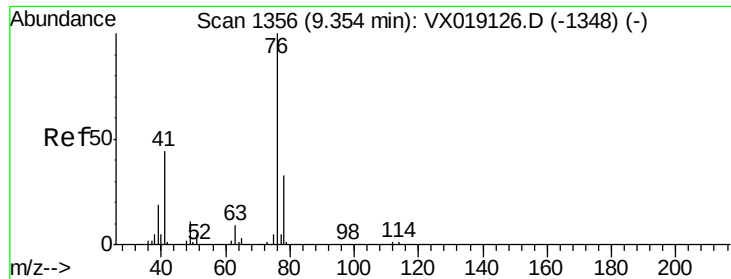


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

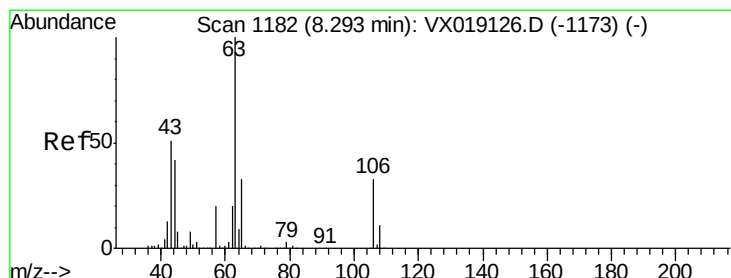
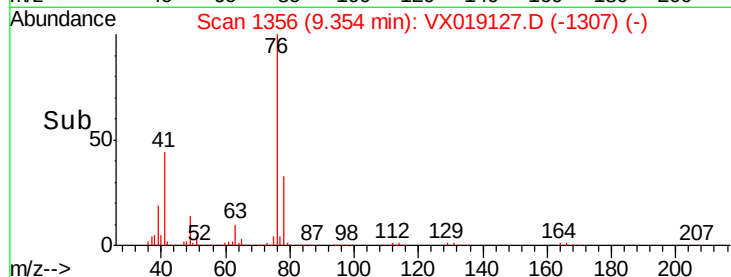
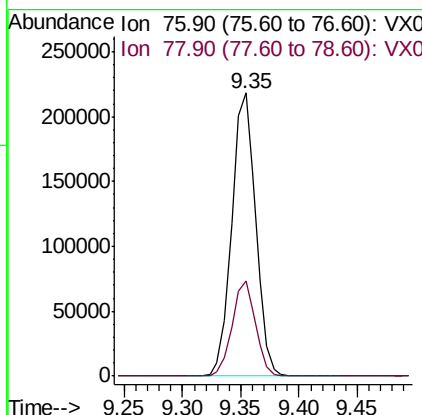
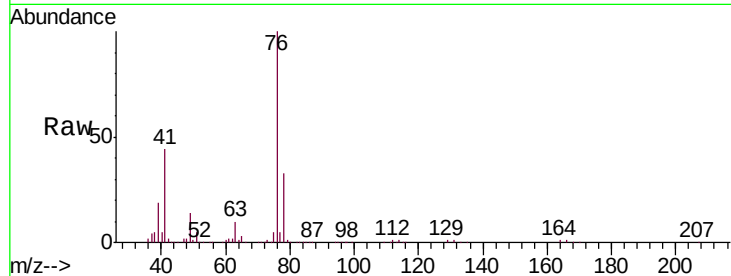




#57
 1,3-Dichloropropane
 Concen: 106.086 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

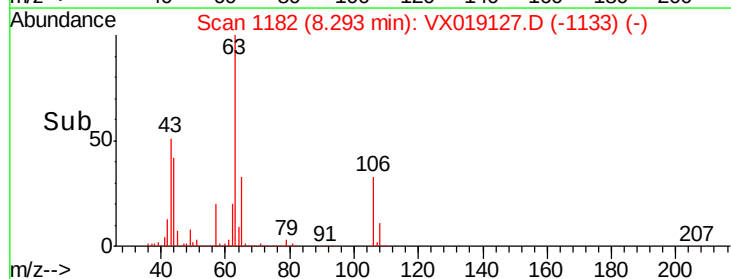
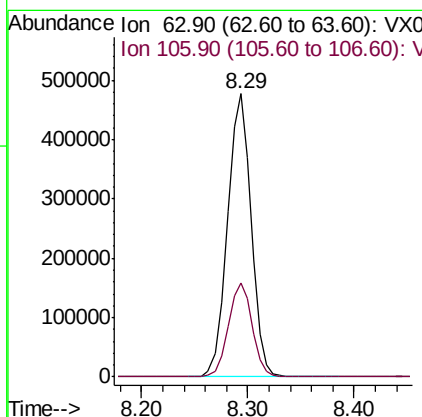
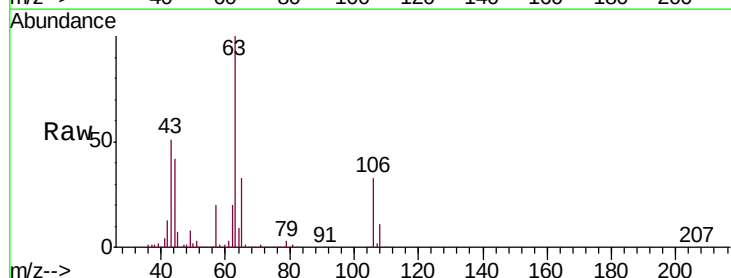
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

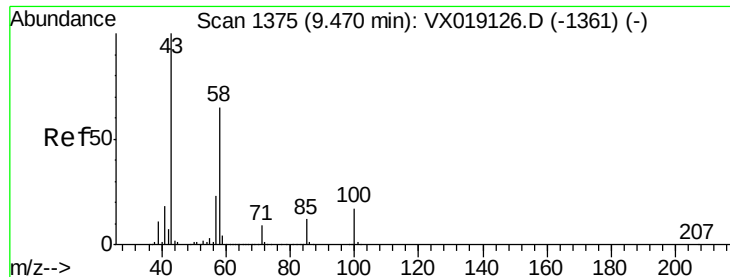
Tgt Ion: 76 Resp: 313195
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 528.758 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 63 Resp: 739786
 Ion Ratio Lower Upper
 63 100
 106 33.5 26.2 39.4

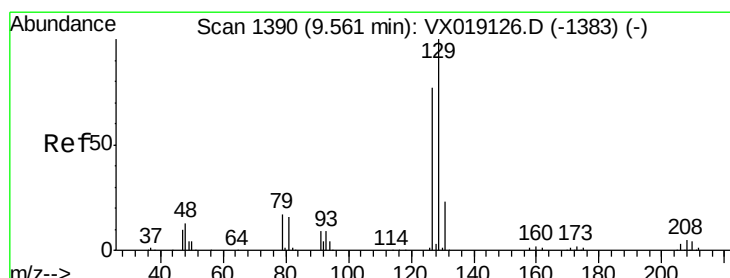
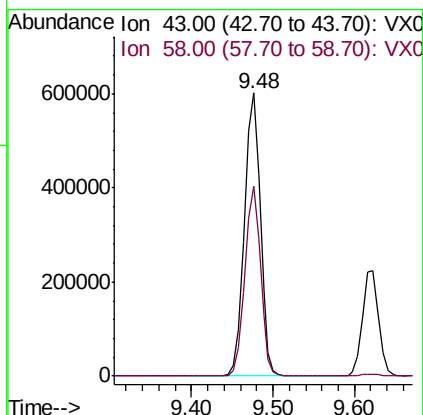
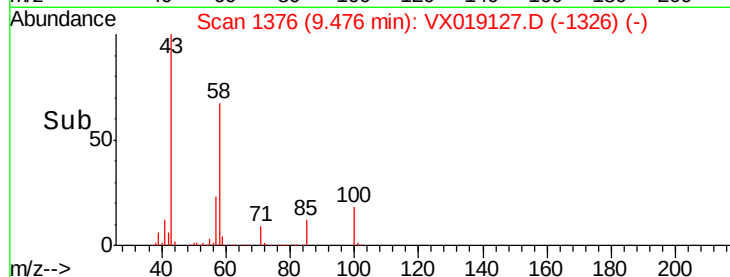
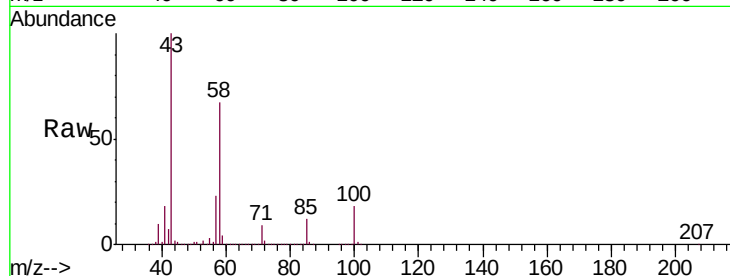




#59
2-Hexanone
Concen: 543.717 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

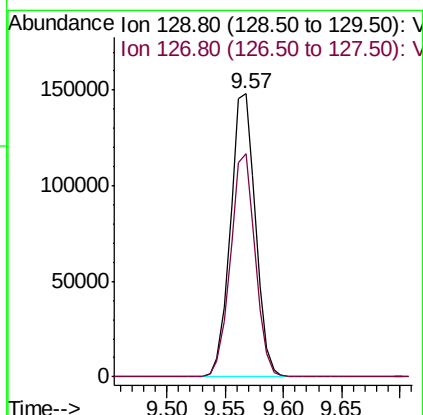
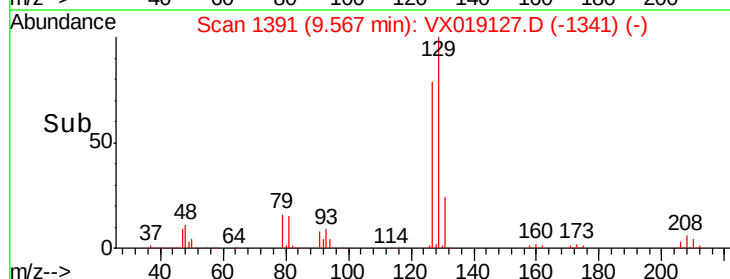
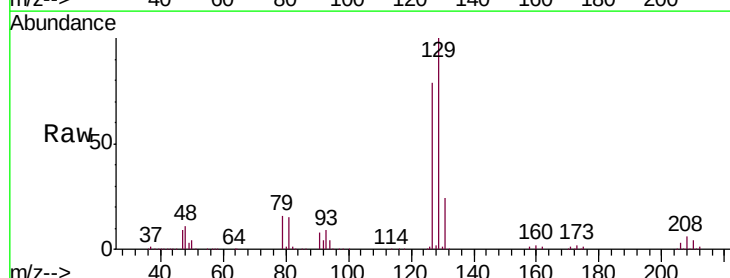
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

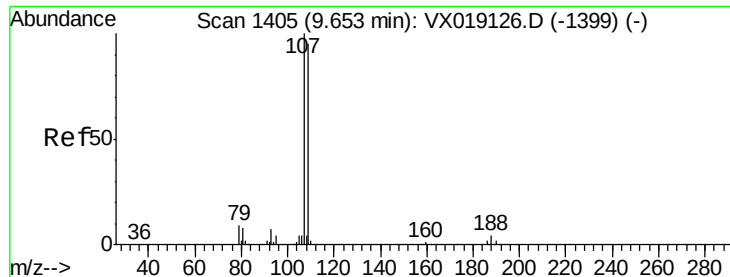
Tgt Ion: 43 Resp: 812492
Ion Ratio Lower Upper
43 100
58 66.0 33.1 99.3



#60
Dibromochloromethane
Concen: 100.053 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 129 Resp: 221634
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 110.747 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

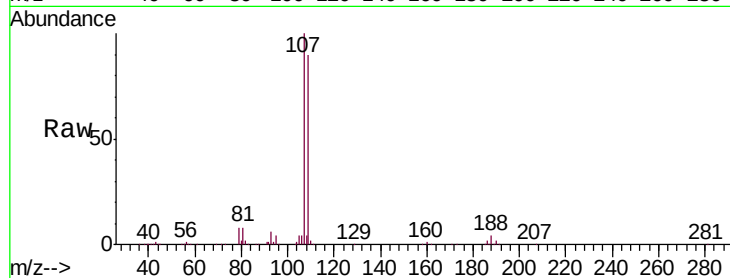
VSTDIC100

Tgt Ion: 107 Resp: 213519

Ion Ratio Lower Upper

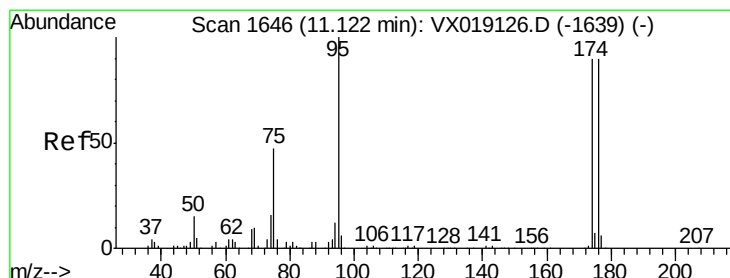
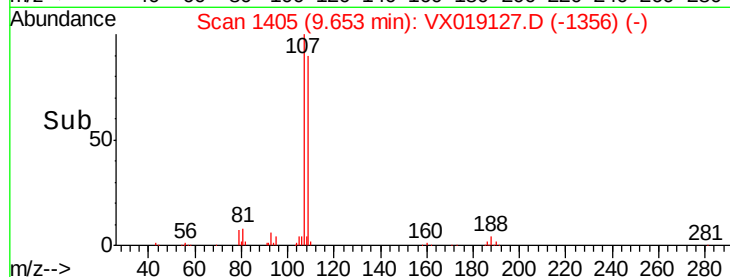
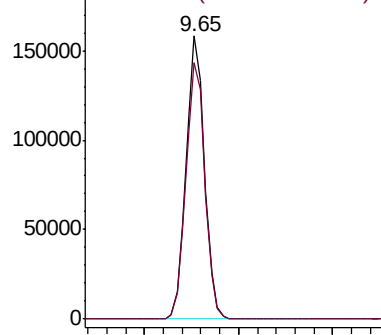
107 100

109 93.7 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: 103.458 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

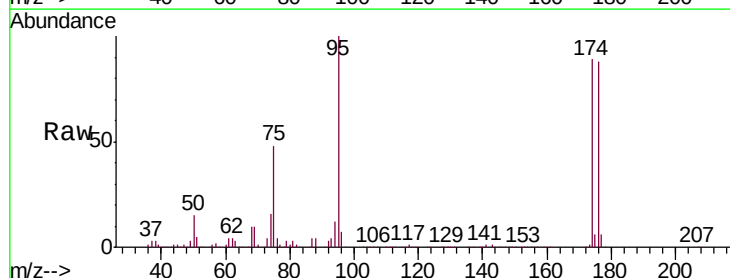
Tgt Ion: 95 Resp: 238546

Ion Ratio Lower Upper

95 100

174 86.1 0.0 169.6

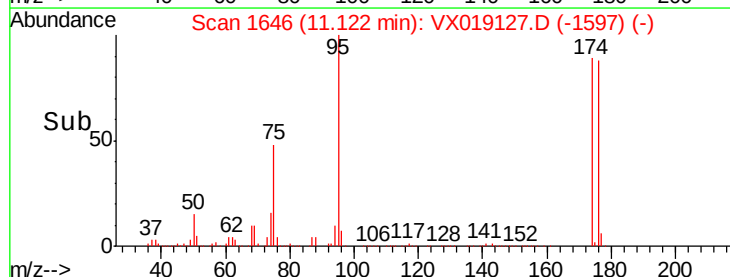
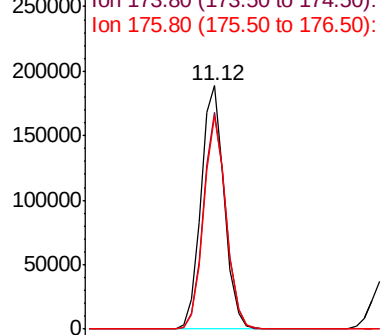
176 84.5 0.0 169.2

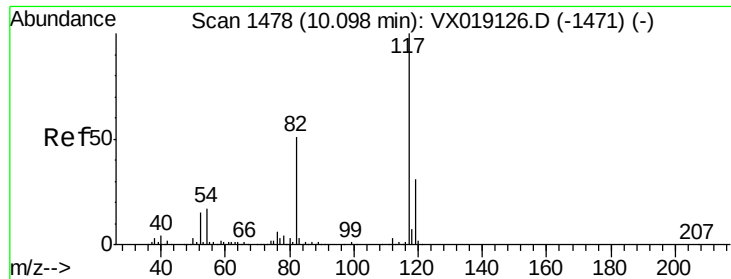


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

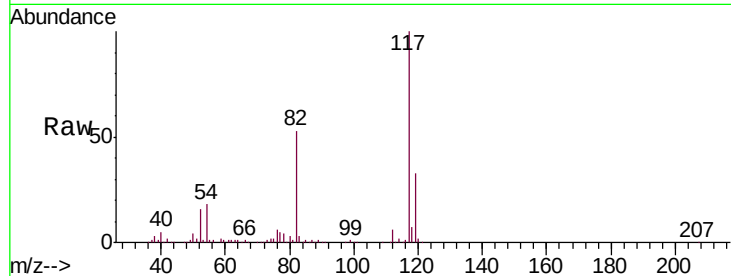




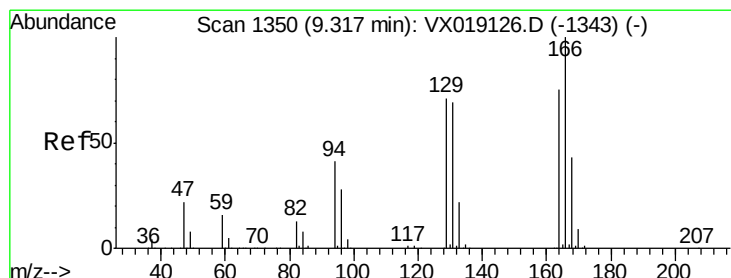
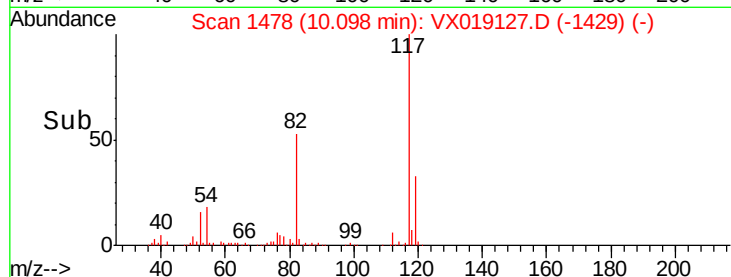
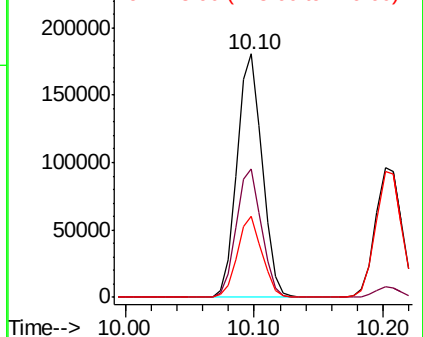
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 245438
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 33.3 24.7 37.1

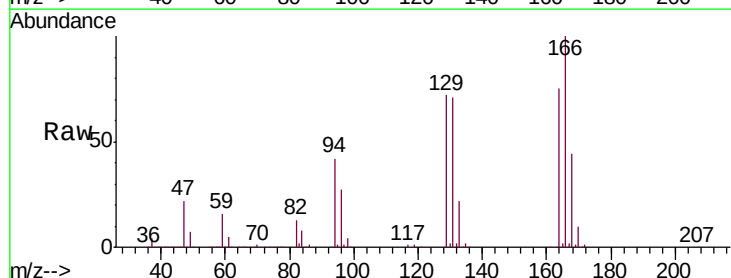


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

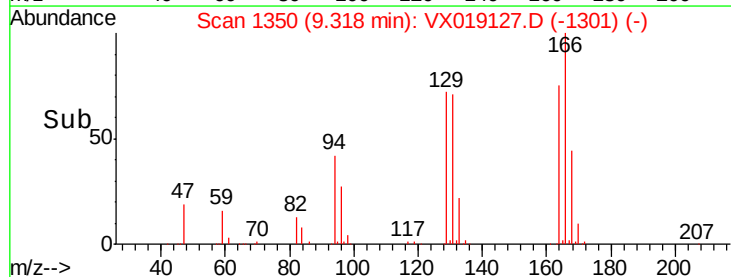
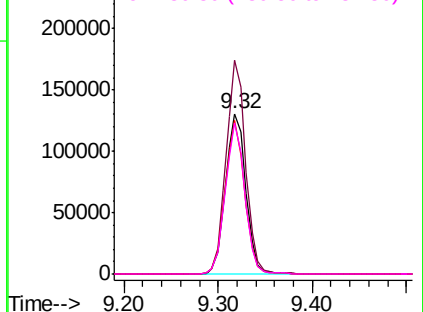


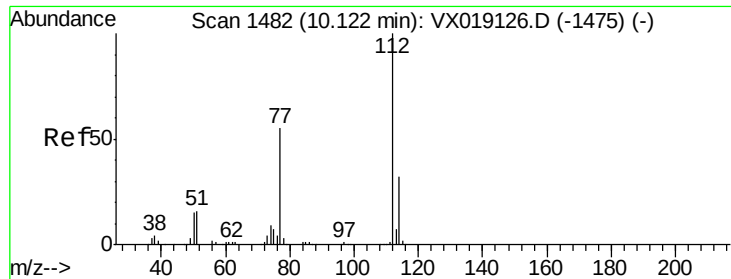
#64
Tetrachloroethene
Concen: 103.396 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion:164 Resp: 194798
Ion Ratio Lower Upper
164 100
166 133.4 106.4 159.6
129 95.8 75.9 113.9
131 94.7 73.0 109.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 109.187 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

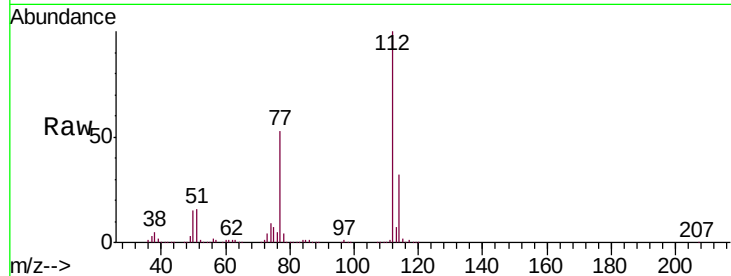
VSTDIC100

Tgt Ion:112 Resp: 535474

Ion Ratio Lower Upper

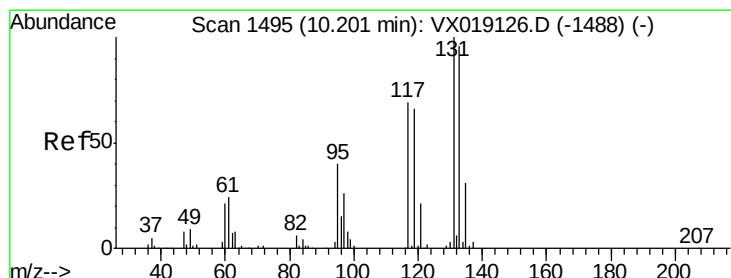
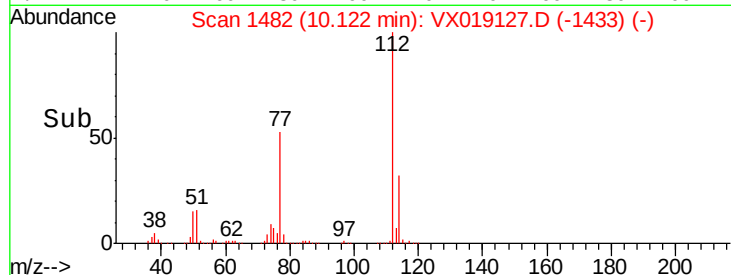
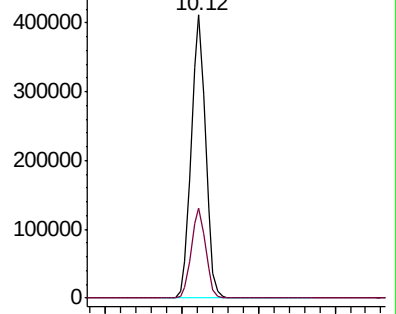
112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 111.373 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

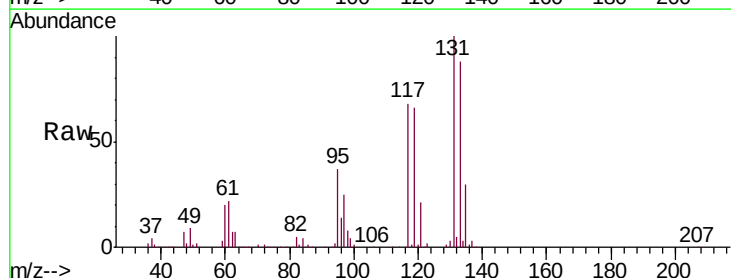
Tgt Ion:131 Resp: 195108

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.7

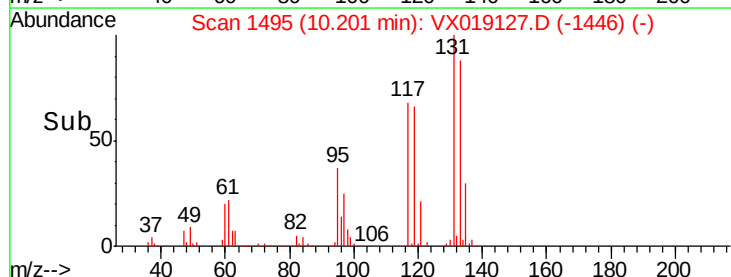
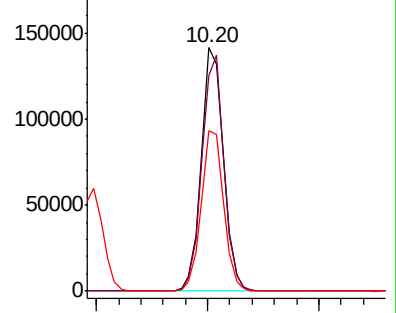
119 66.6 33.4 100.1

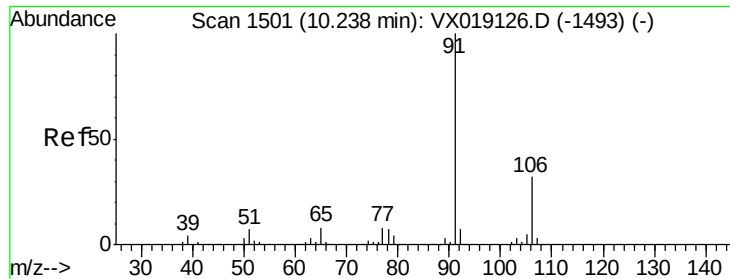


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

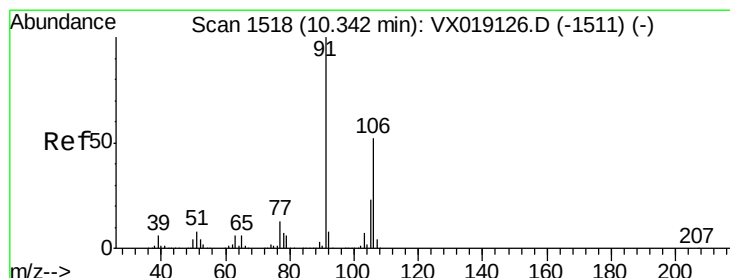
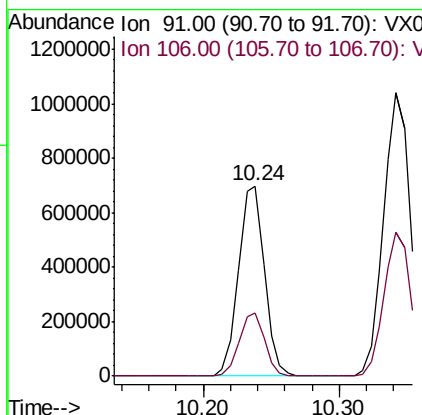
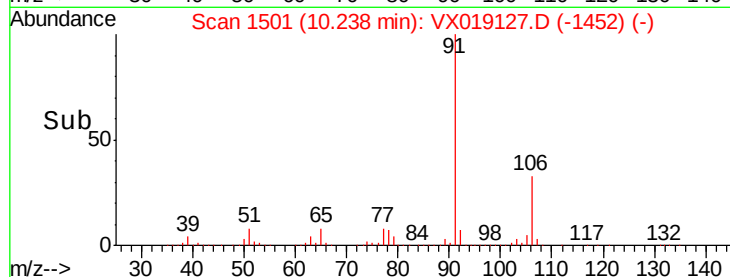
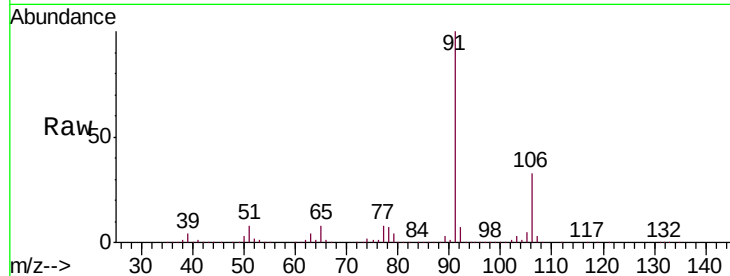




#67
Ethyl Benzene
Concen: 108.503 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

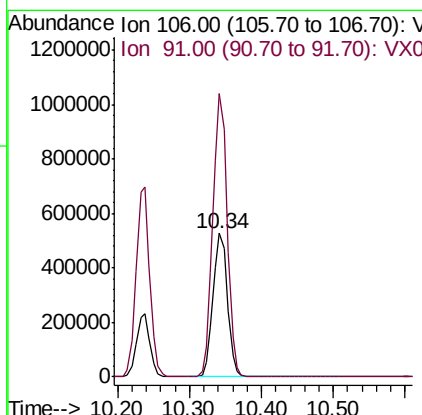
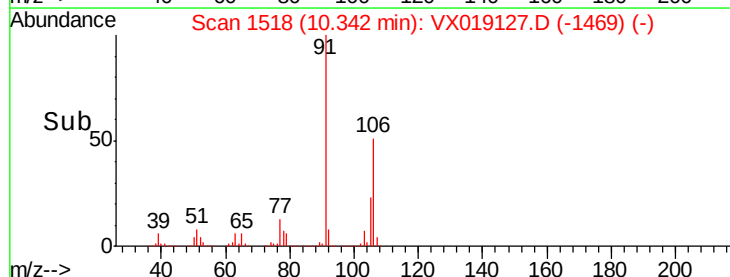
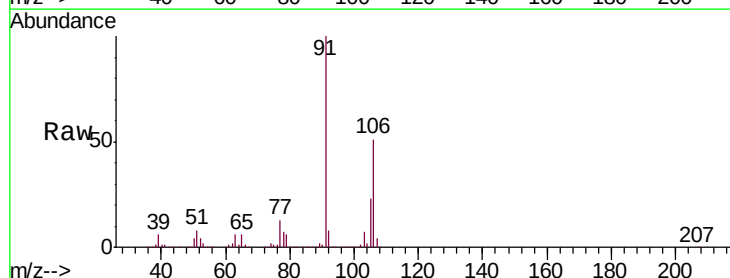
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

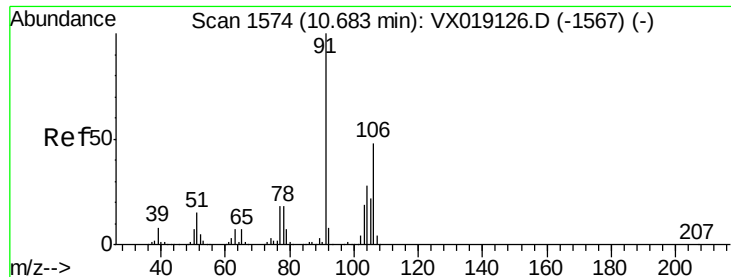
Tgt Ion: 91 Resp: 929245
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2



#68
m/p-Xylenes
Concen: 220.311 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 106 Resp: 728569
Ion Ratio Lower Upper
106 100
91 196.3 157.4 236.0

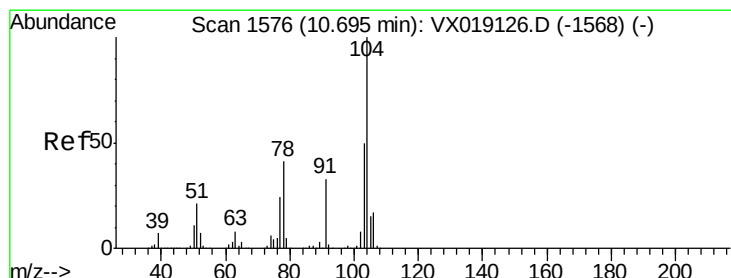
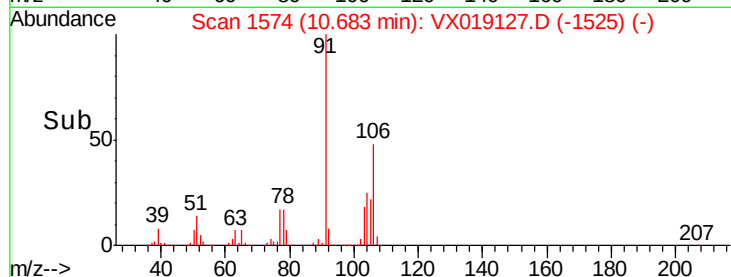
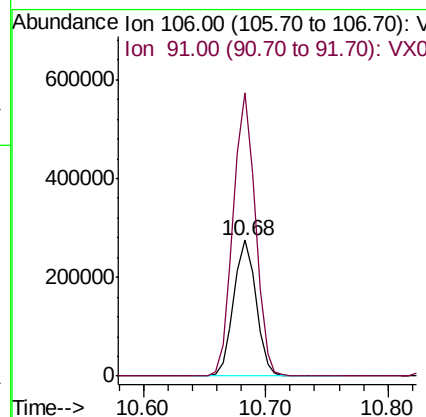
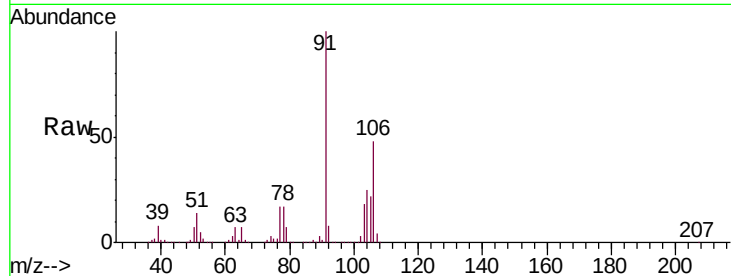




#69
o-Xylene
Concen: 110.140 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

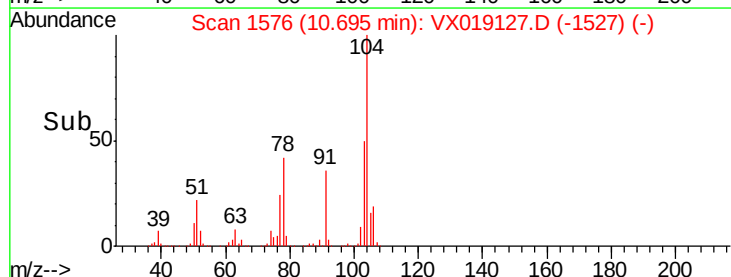
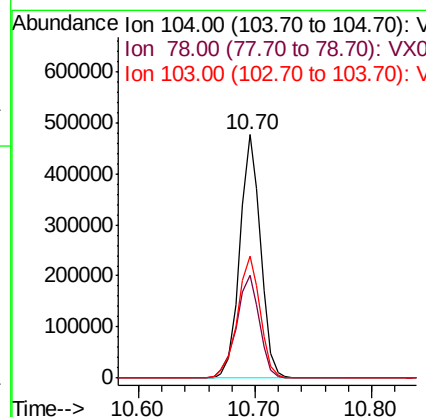
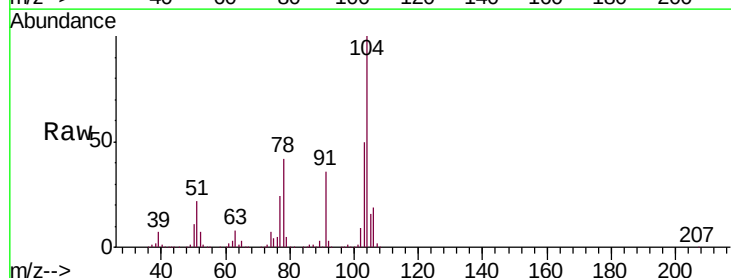
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

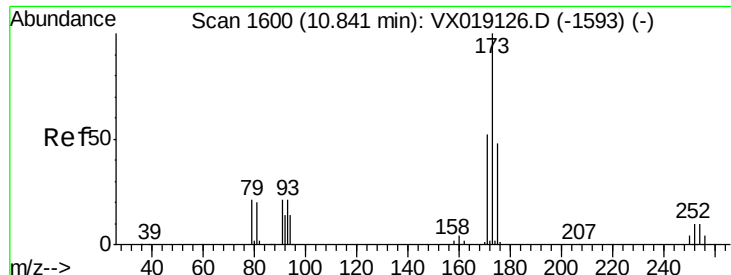
Tgt Ion:106 Resp: 349047
Ion Ratio Lower Upper
106 100
91 205.9 104.5 313.3



#70
Styrene
Concen: 112.252 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion:104 Resp: 592982
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 54.7 43.7 65.5





#71

Bromoform

Concen: 100.271 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

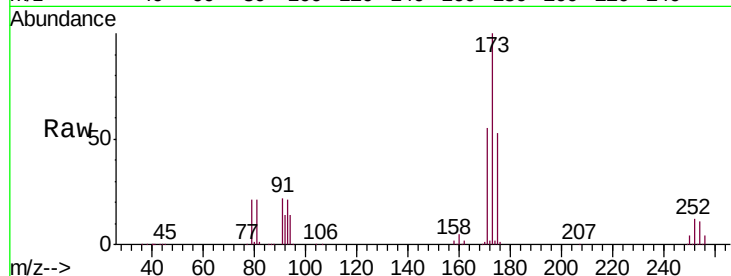
Tgt Ion:173 Resp: 166024

Ion Ratio Lower Upper

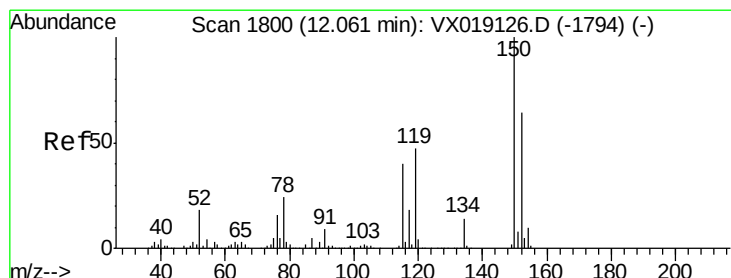
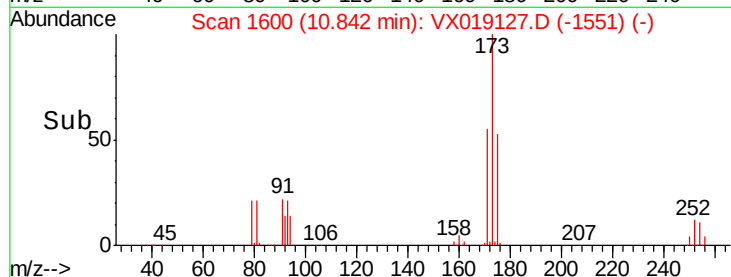
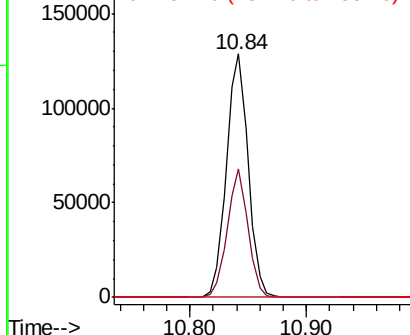
173 100

175 50.4 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: VX019127.D

Acq: 26 Oct 2020 18:54

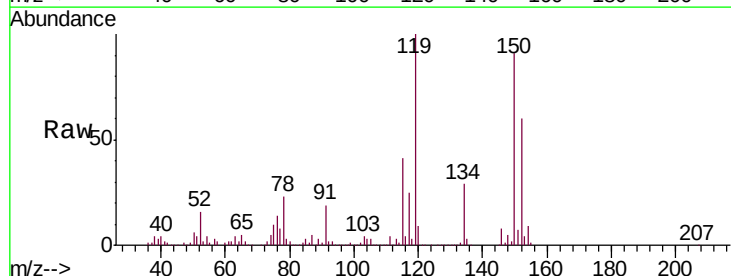
Tgt Ion:152 Resp: 136884

Ion Ratio Lower Upper

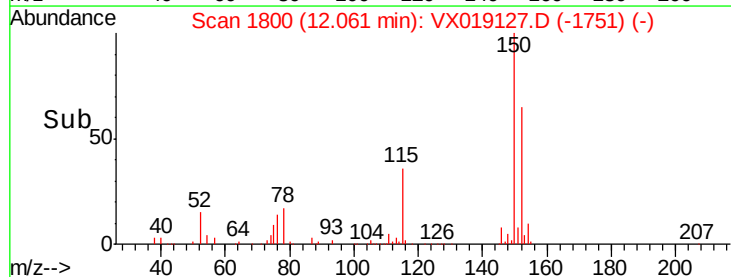
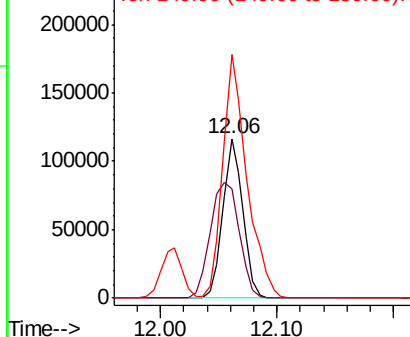
152 100

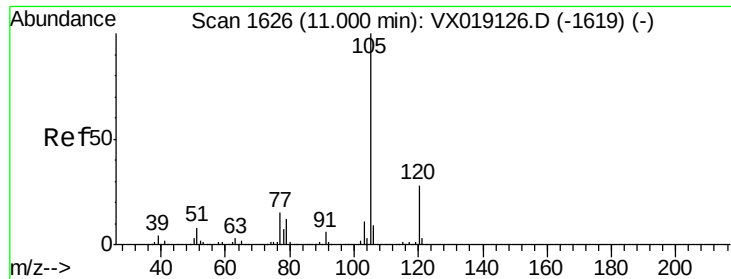
115 105.4 40.8 122.2

150 186.4 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

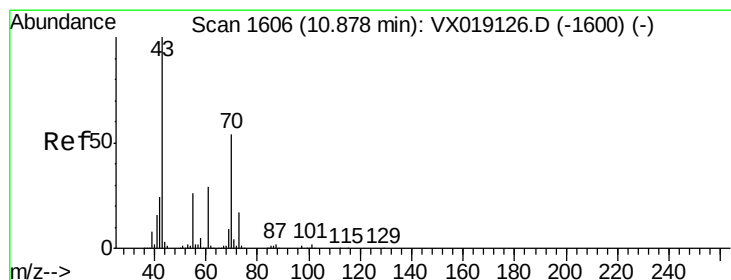
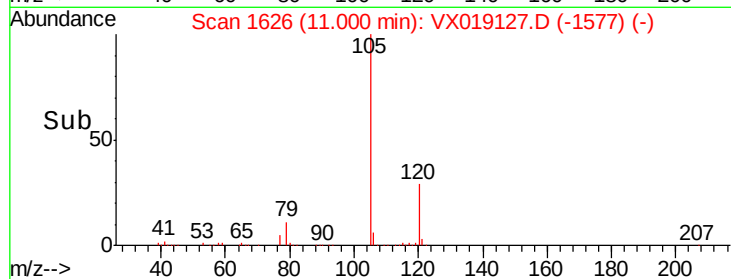
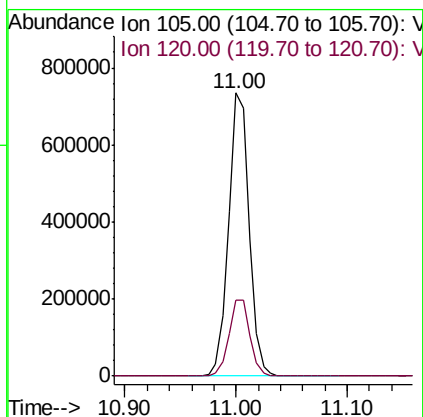
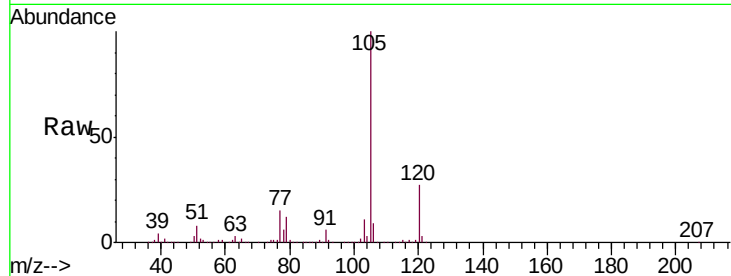




#73
Isopropylbenzene
Concen: 101.795 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

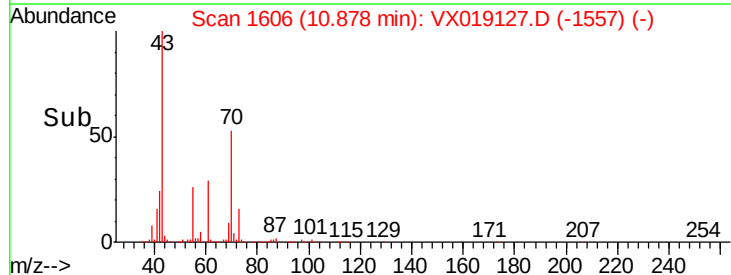
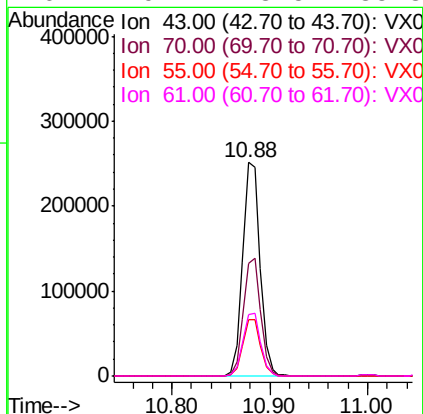
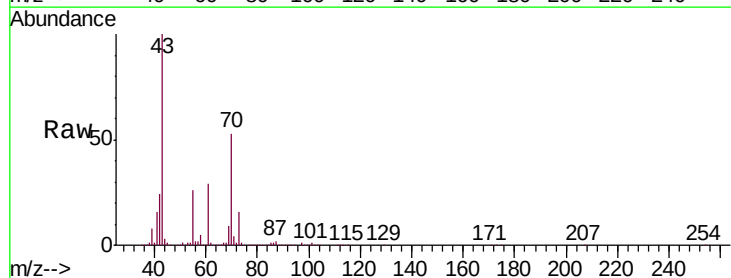
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

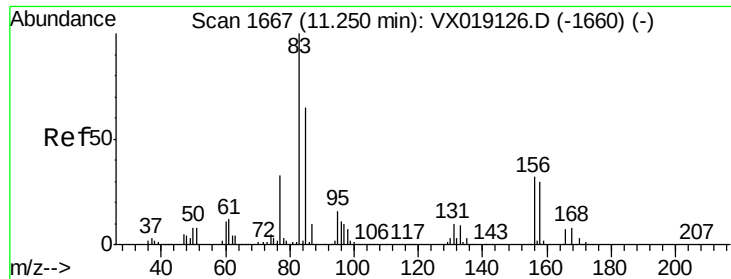
Tgt Ion: 105 Resp: 932512
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8



#74
N-ethyl acetate
Concen: 107.787 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 43 Resp: 310052
Ion Ratio Lower Upper
43 100
70 55.0 43.9 65.9
55 27.2 21.5 32.3
61 29.7 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 104.282 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

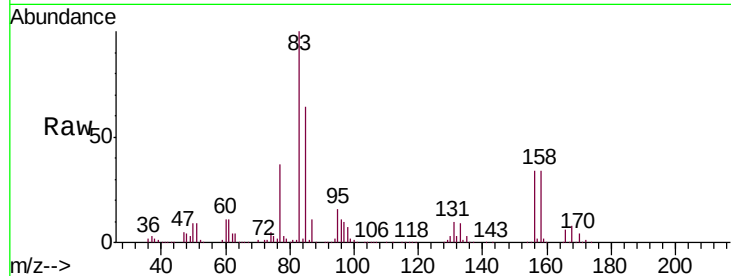
Tgt Ion: 83 Resp: 298664

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

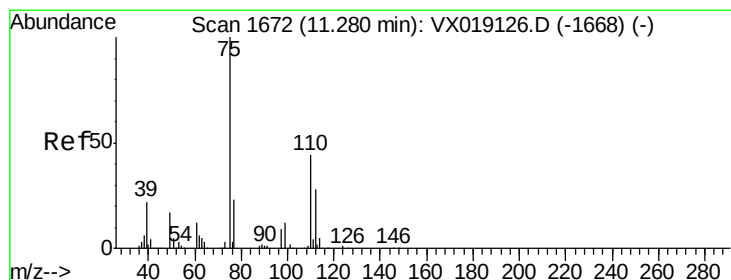
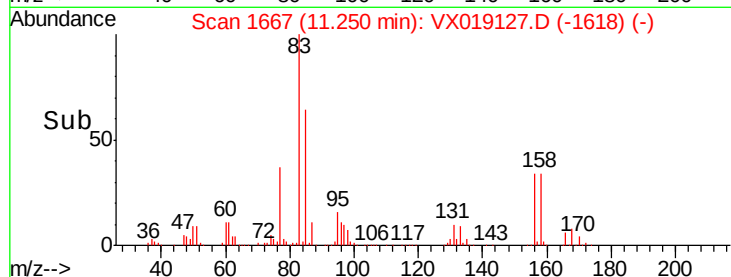
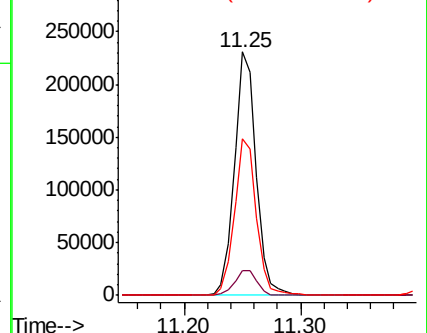
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 130.022 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019127.D

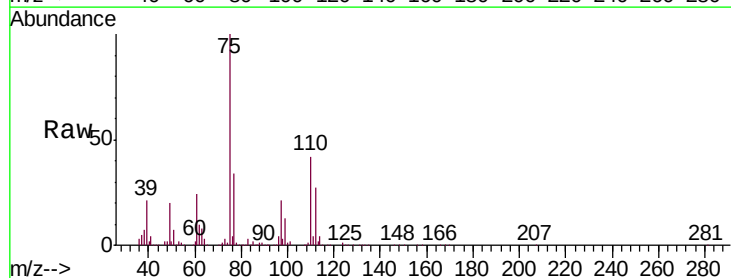
Acq: 26 Oct 2020 18:54

Tgt Ion: 75 Resp: 346391

Ion Ratio Lower Upper

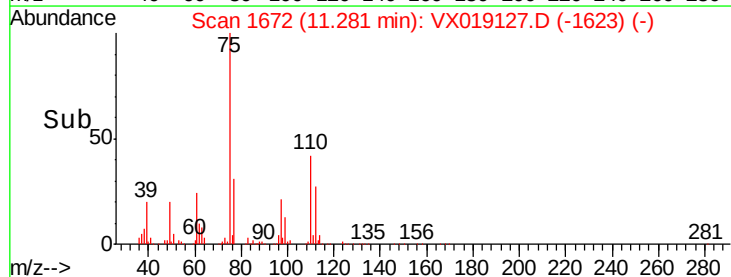
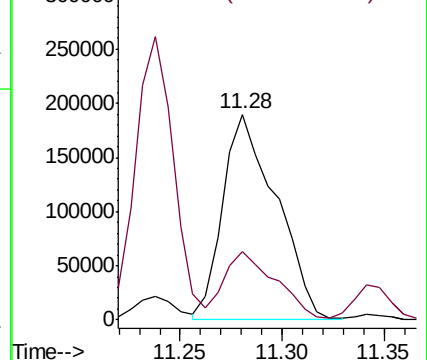
75 100

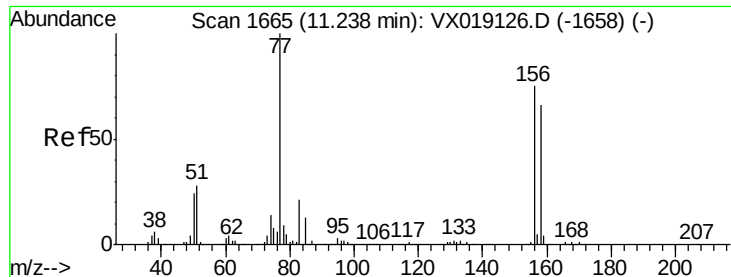
77 32.1 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 104.684 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

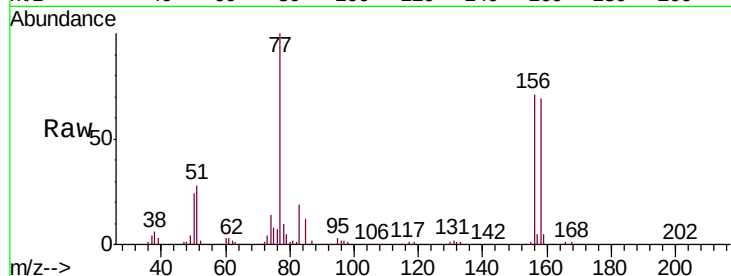
Tgt Ion:156 Resp: 240732

Ion Ratio Lower Upper

156 100

77 141.4 71.7 215.0

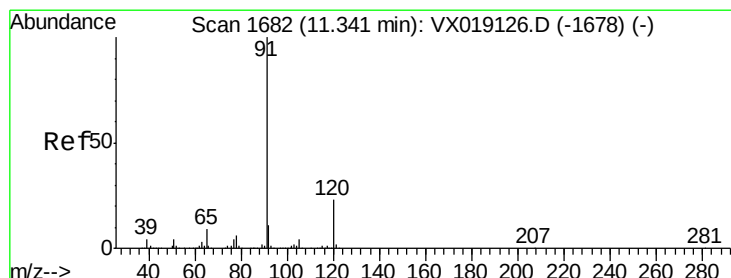
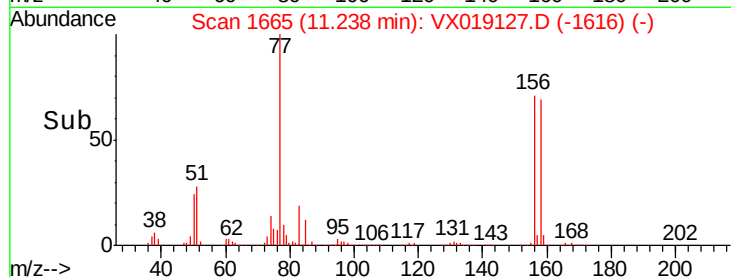
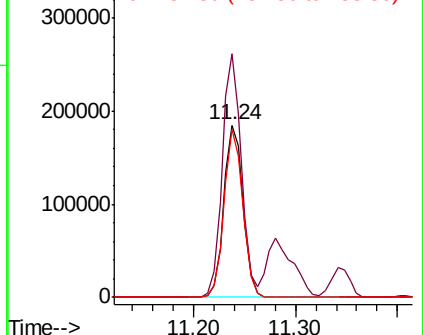
158 95.6 46.9 140.8



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: 103.358 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019127.D

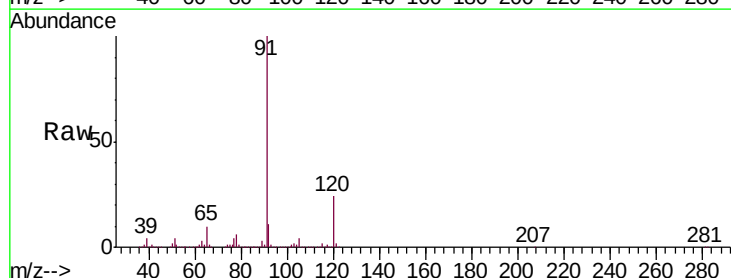
Acq: 26 Oct 2020 18:54

Tgt Ion: 91 Resp: 1061079

Ion Ratio Lower Upper

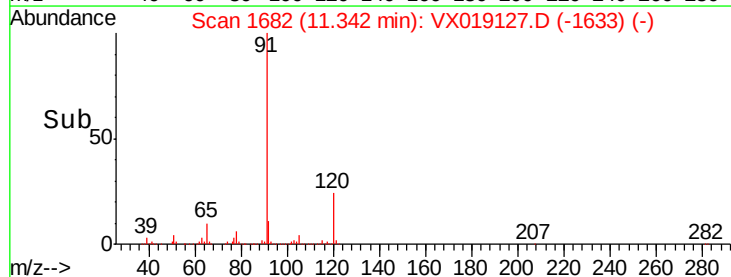
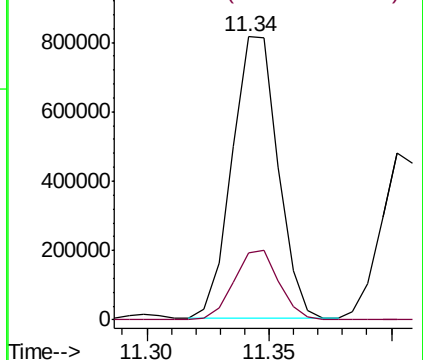
91 100

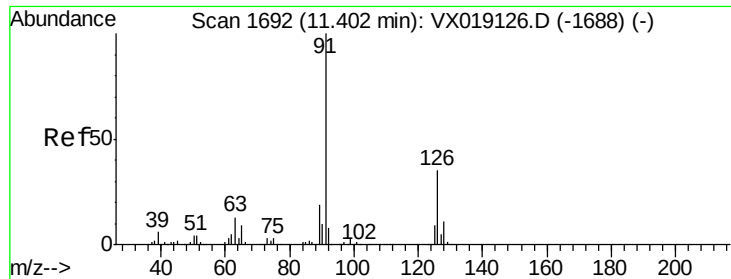
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.684 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

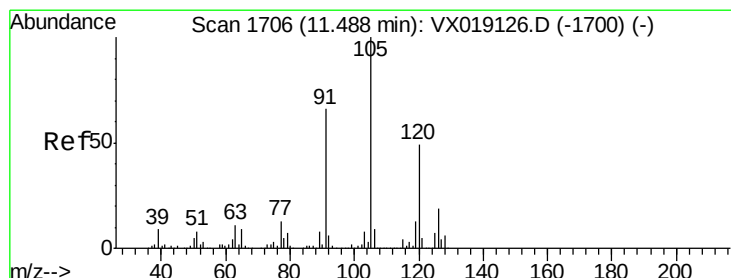
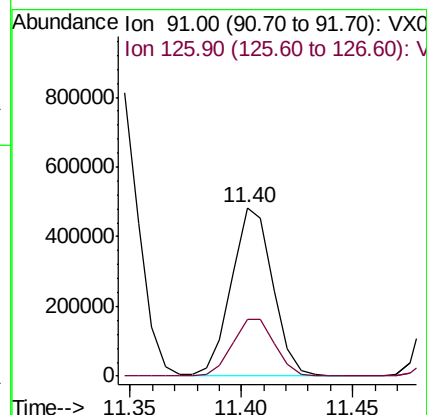
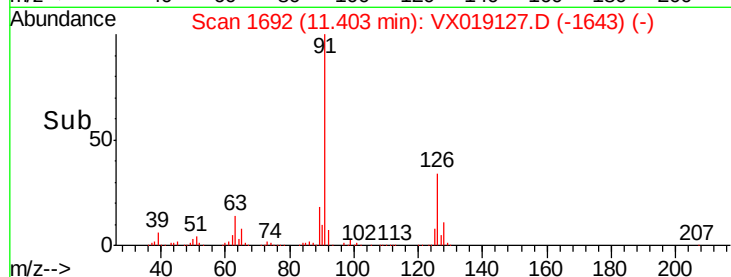
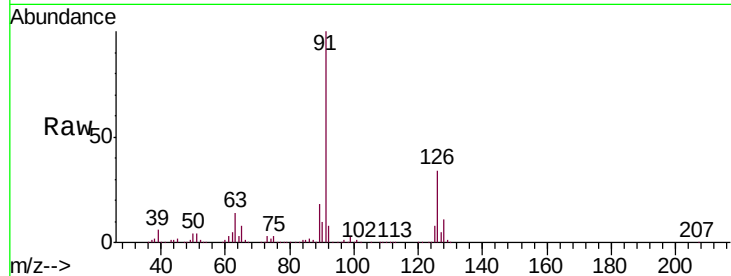
VSTDIC100

Tgt Ion: 91 Resp: 617553

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 106.033 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019127.D

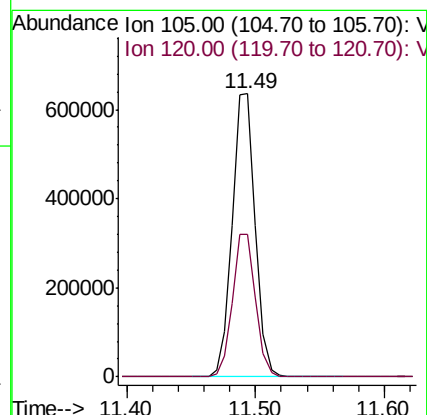
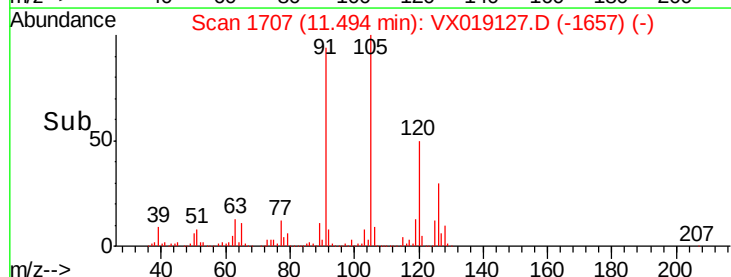
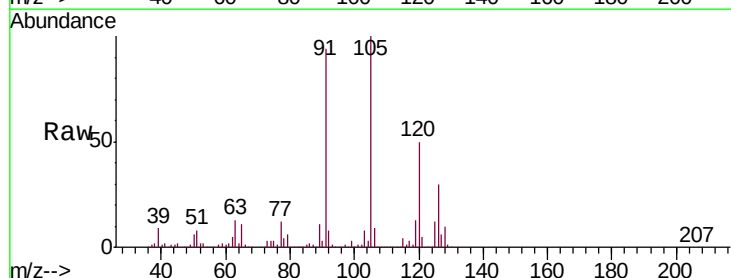
Acq: 26 Oct 2020 18:54

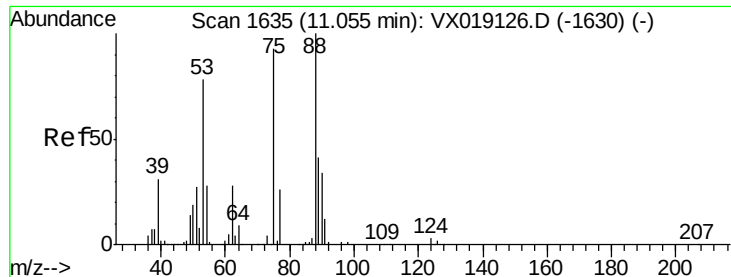
Tgt Ion: 105 Resp: 799148

Ion Ratio Lower Upper

105 100

120 50.5 24.8 74.4

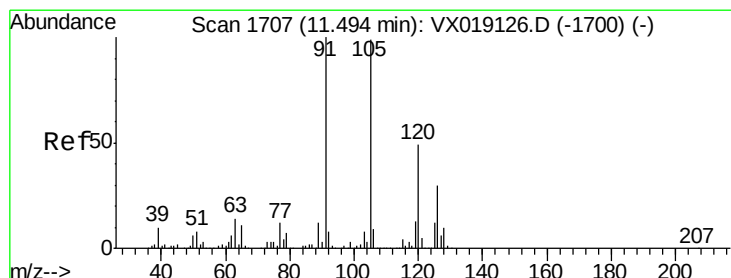
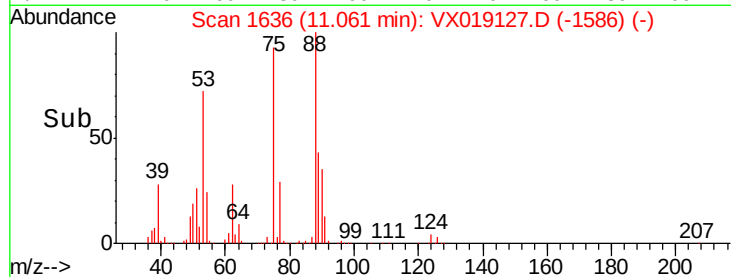
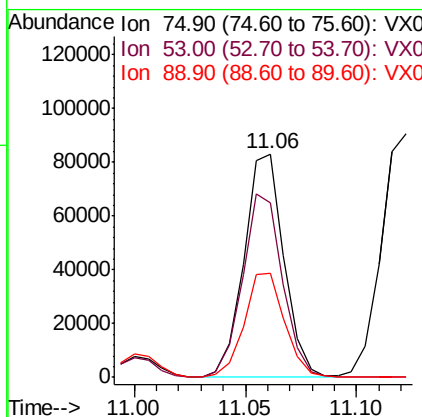
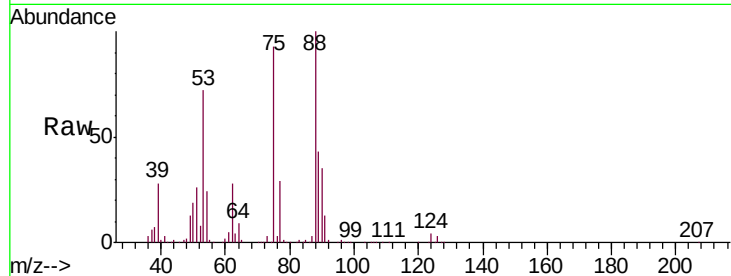




#81
trans-1,4-Dichloro-2-butene
Concen: 111.532 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

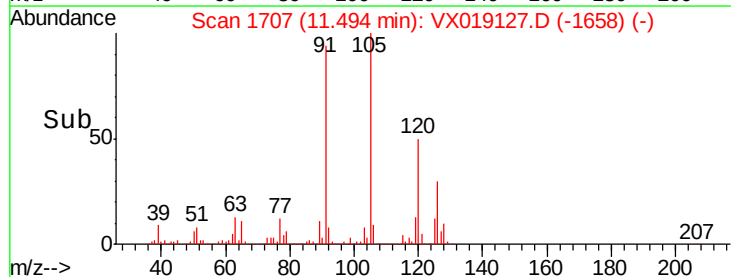
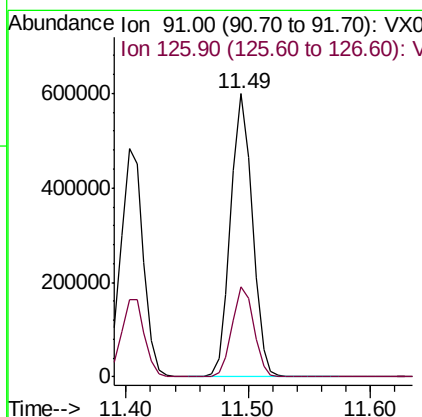
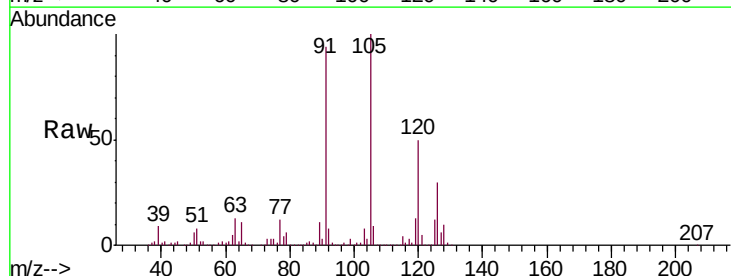
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

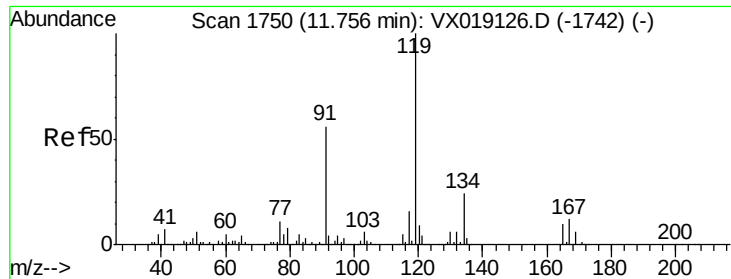
Tgt Ion: 75 Resp: 103415
Ion Ratio Lower Upper
75 100
53 82.5 67.6 101.4
89 47.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 103.070 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 91 Resp: 733796
Ion Ratio Lower Upper
91 100
126 31.8 15.5 46.5

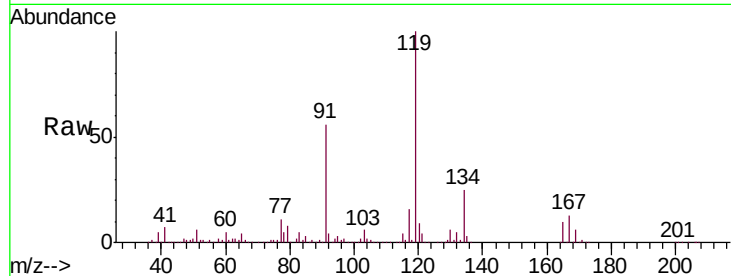




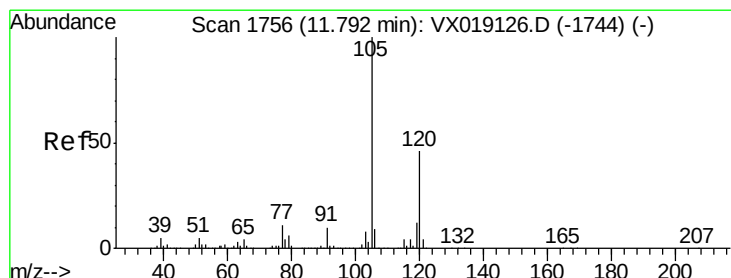
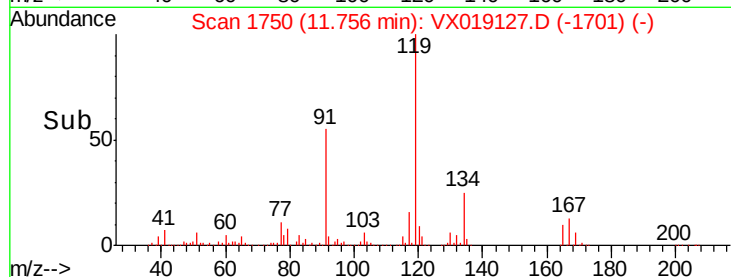
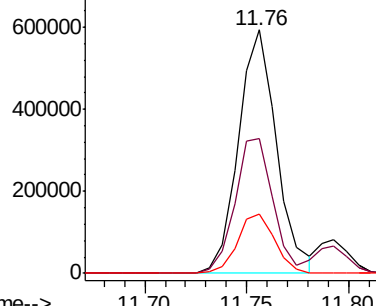
#83
 tert-Butylbenzene
 Concen: 104.625 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 772622
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.9 83.6
 134 23.9 11.9 35.5

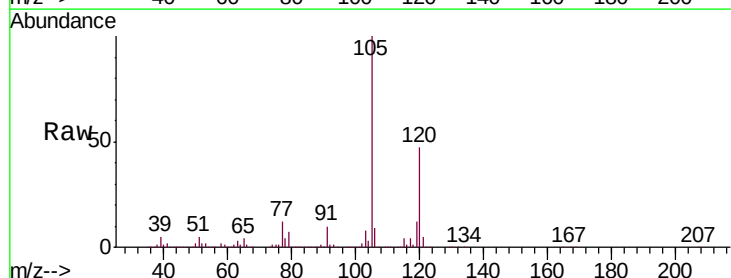


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

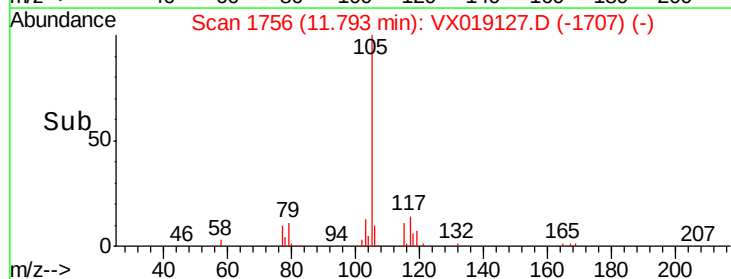
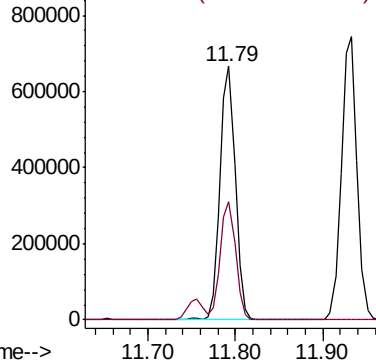


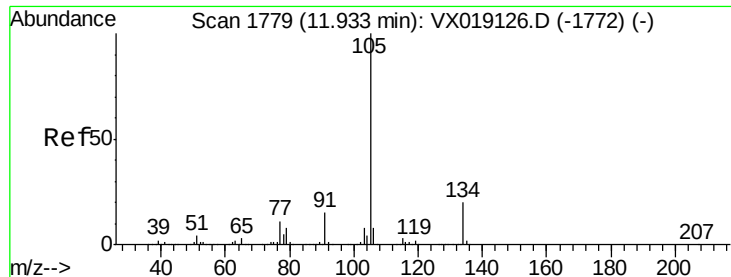
#84
 1,2,4-Trimethylbenzene
 Concen: 105.276 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion:105 Resp: 803582
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 104.959 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

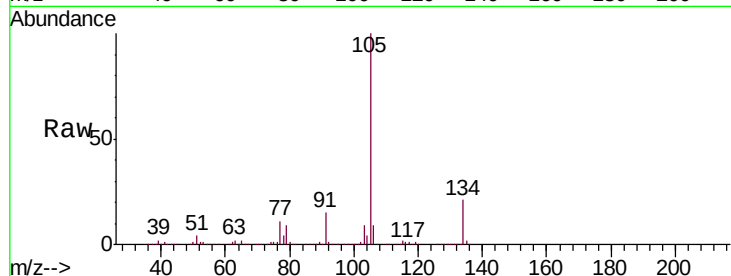
VSTDIC100

Tgt Ion:105 Resp: 931924

Ion Ratio Lower Upper

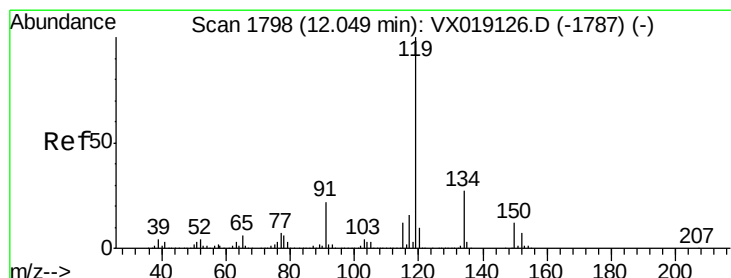
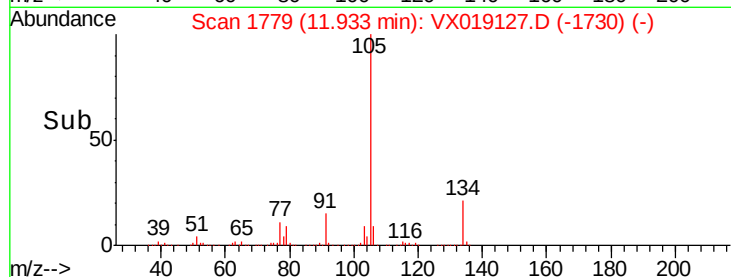
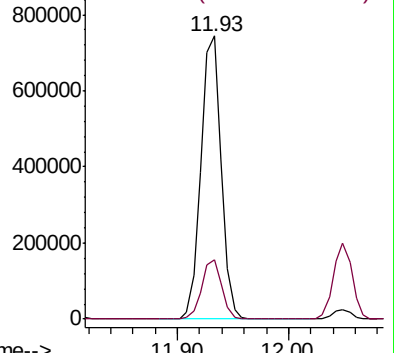
105 100

134 20.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 107.036 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

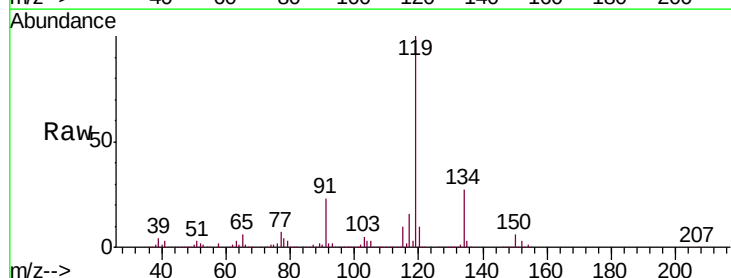
Tgt Ion:119 Resp: 878357

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

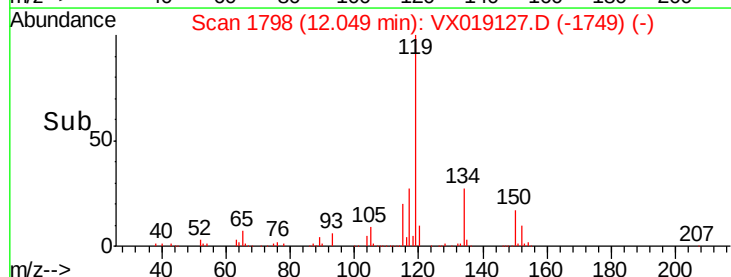
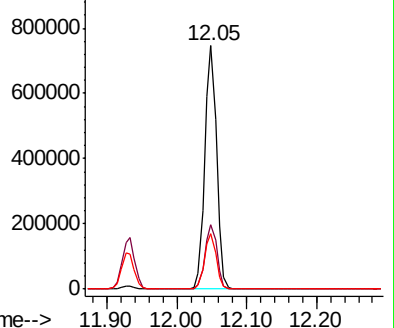
91 22.6 11.5 34.5

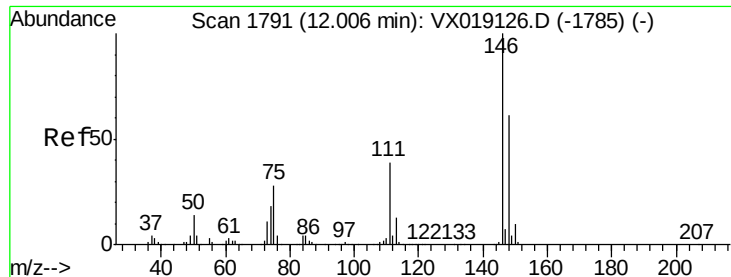


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

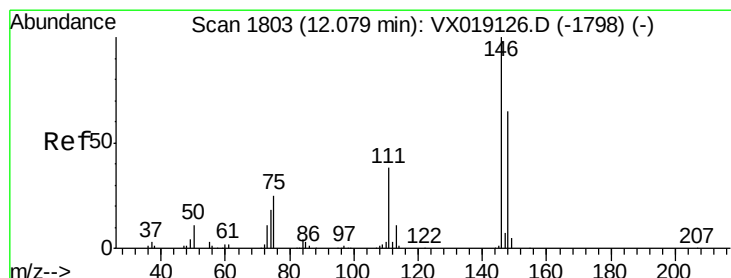
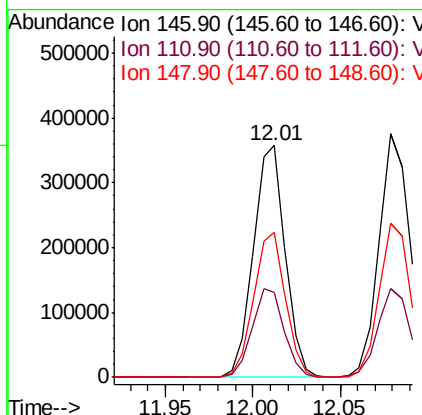
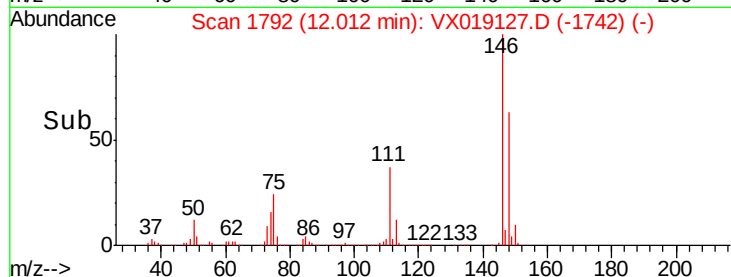
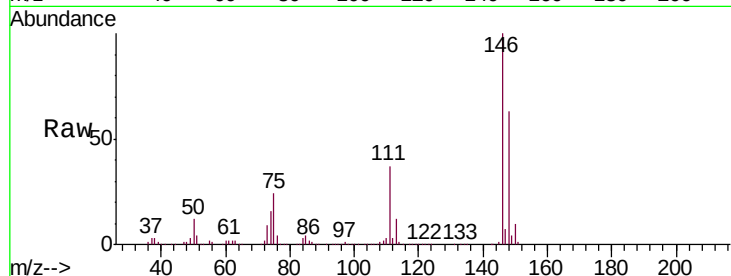




#87
 1,3-Dichlorobenzene
 Concen: 105.707 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

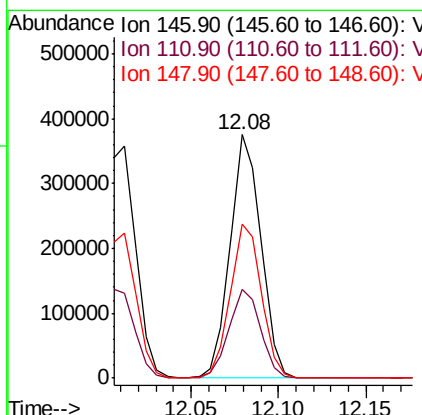
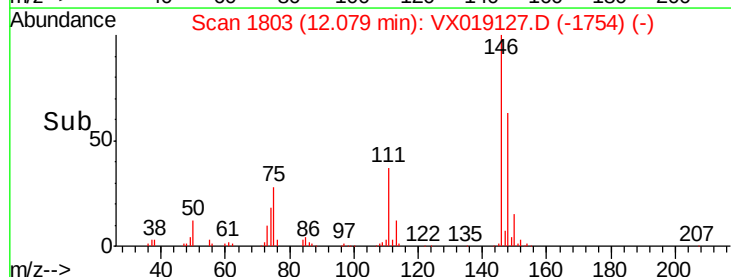
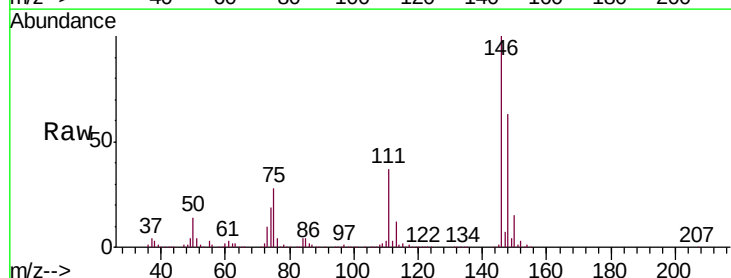
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

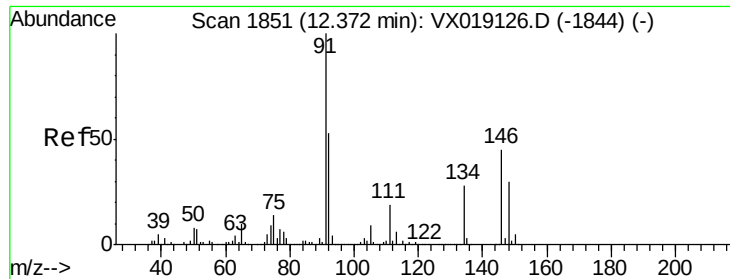
Tgt Ion:146 Resp: 452023
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.5 58.5
 148 62.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 103.370 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion:146 Resp: 460757
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.4 58.1
 148 63.9 32.5 97.4

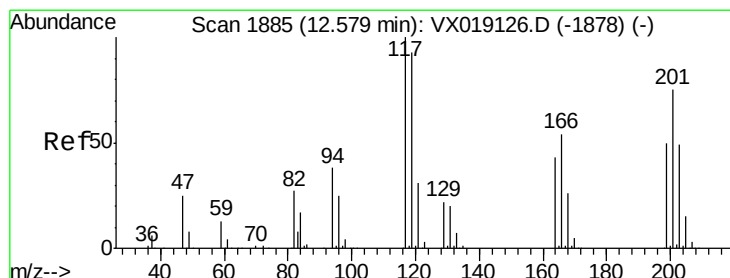
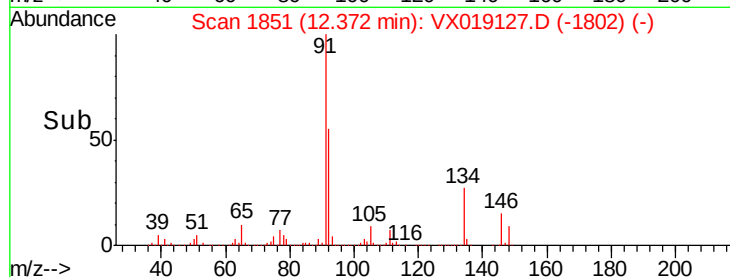
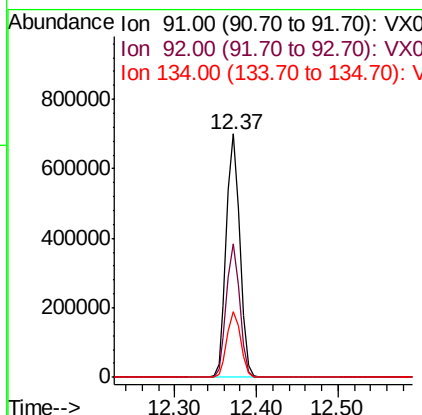
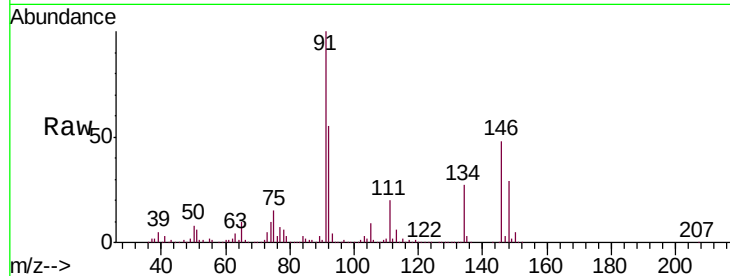




#89
n-Butylbenzene
Concen: 107.277 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

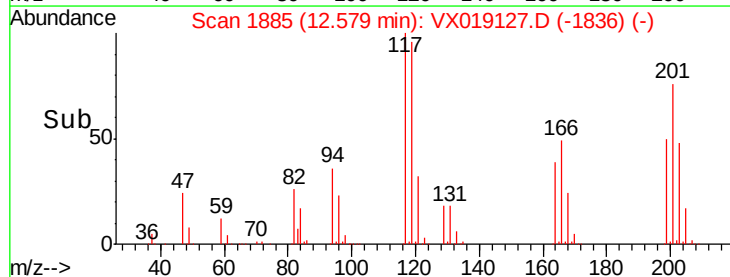
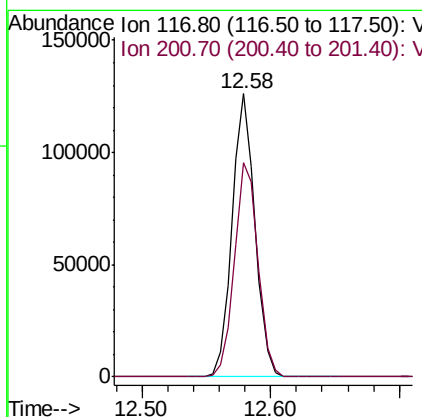
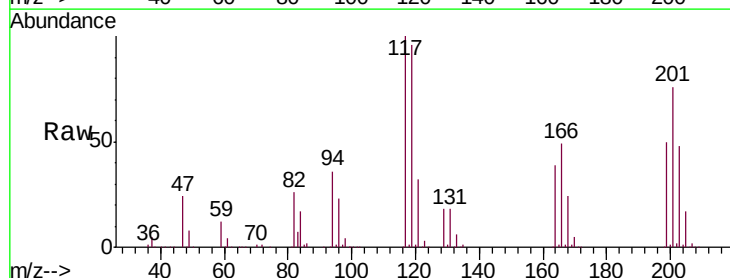
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

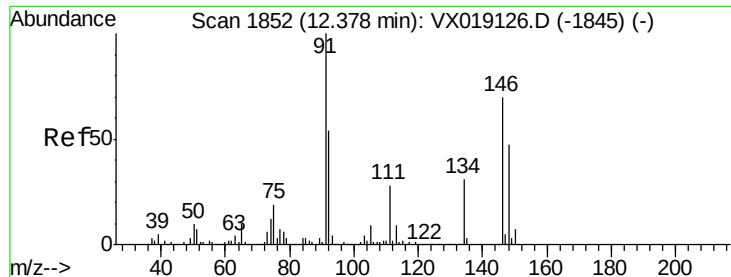
Tgt Ion: 91 Resp: 804317
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.4
134 27.3 13.8 41.4



#90
Hexachloroethane
Concen: 114.069 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 117 Resp: 156235
Ion Ratio Lower Upper
117 100
201 78.0 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 105.330 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

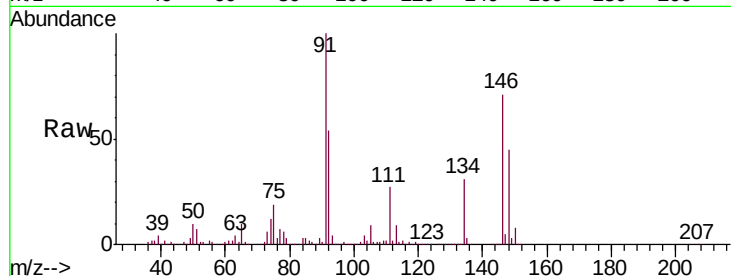
Tgt Ion:146 Resp: 440180

Ion Ratio Lower Upper

146 100

111 40.4 20.4 61.3

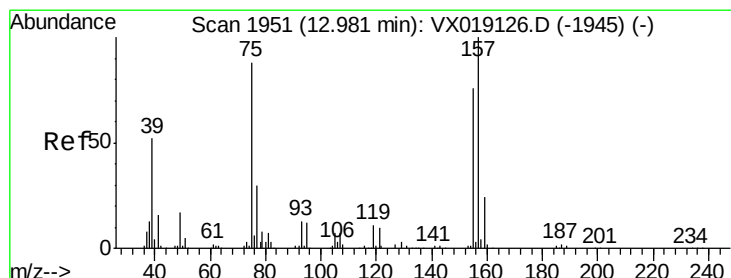
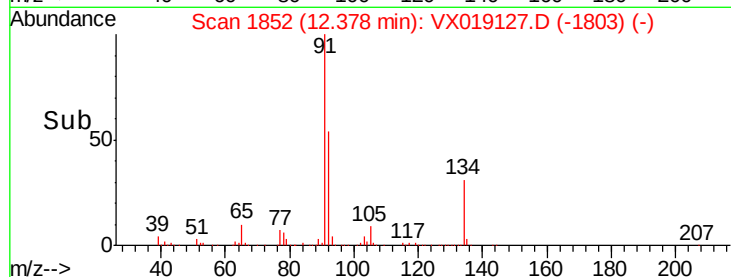
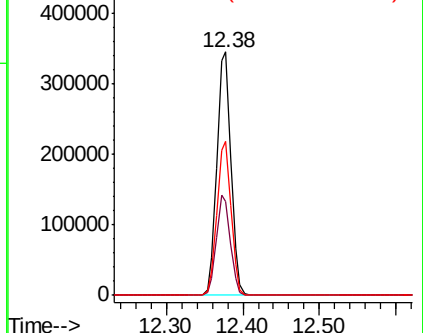
148 63.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 108.919 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

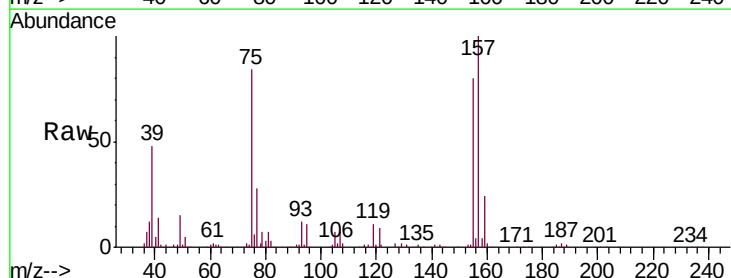
Tgt Ion: 75 Resp: 67257

Ion Ratio Lower Upper

75 100

155 96.3 47.1 141.4

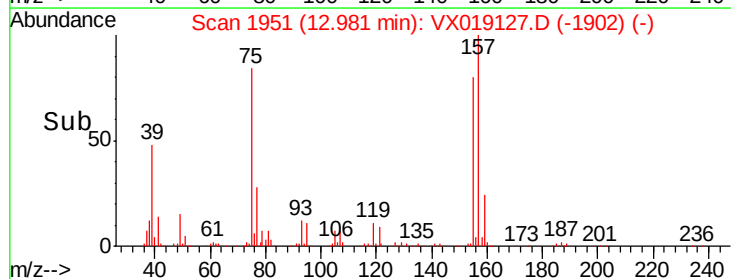
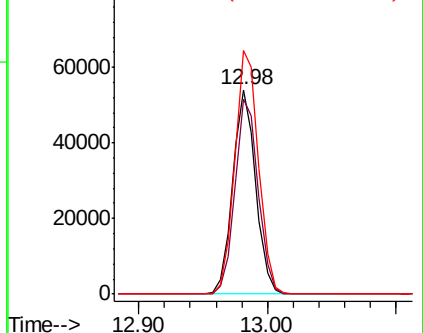
157 123.2 60.1 180.2

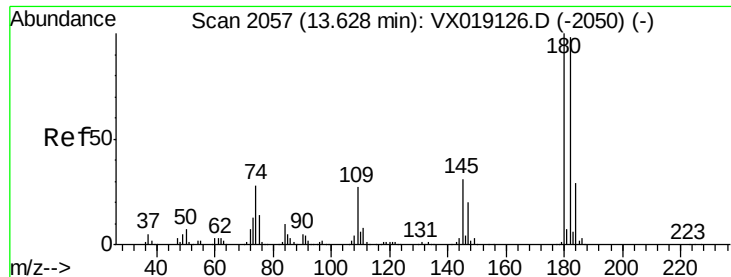


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

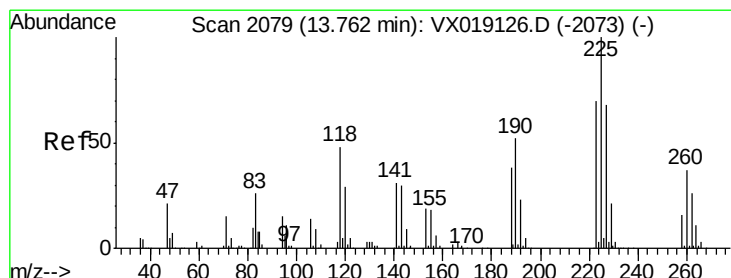
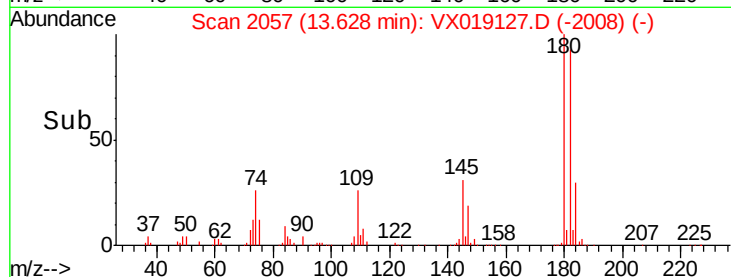
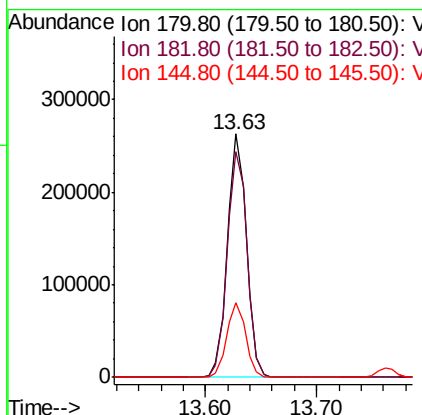
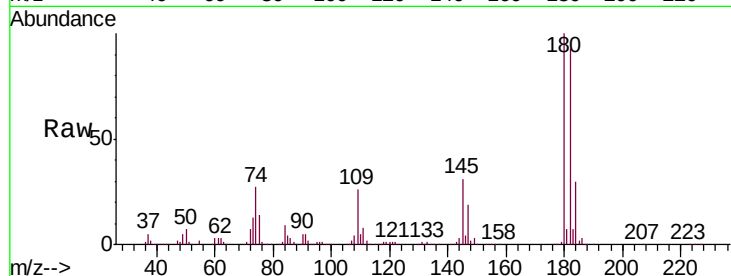




#93
 1,2,4-Trichlorobenzene
 Concen: 107.246 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

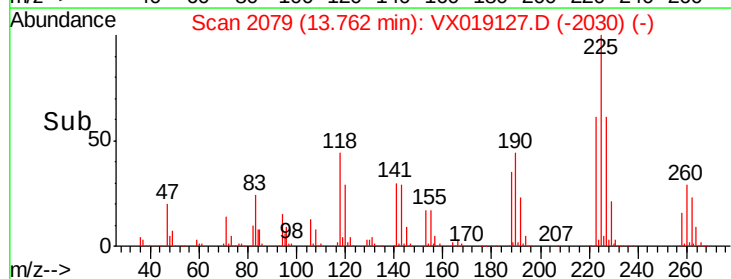
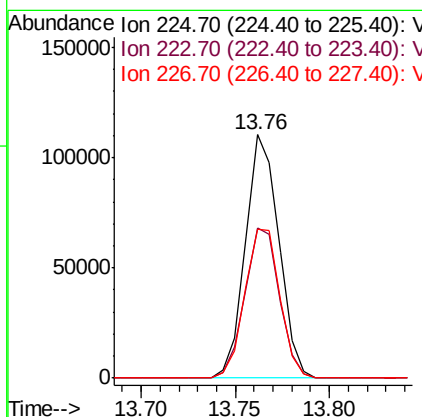
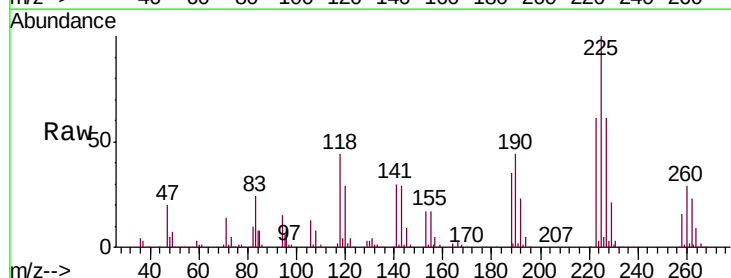
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

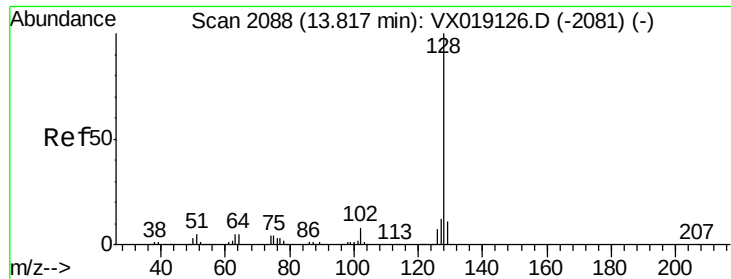
Tgt Ion:180 Resp: 310873
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 30.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 105.137 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion:225 Resp: 135974
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.1 96.5
 227 64.3 32.0 96.0





#95

Naphthalene

Concen: 111.395 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

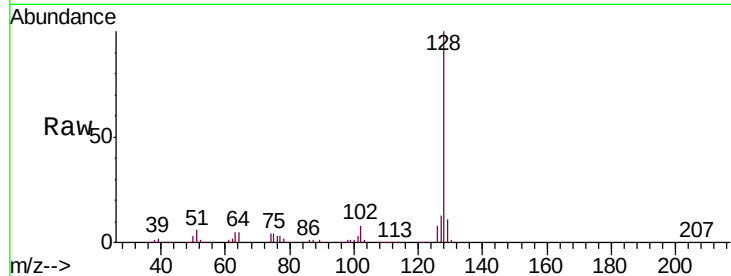
Tgt Ion:128 Resp: 1021412

Ion Ratio Lower Upper

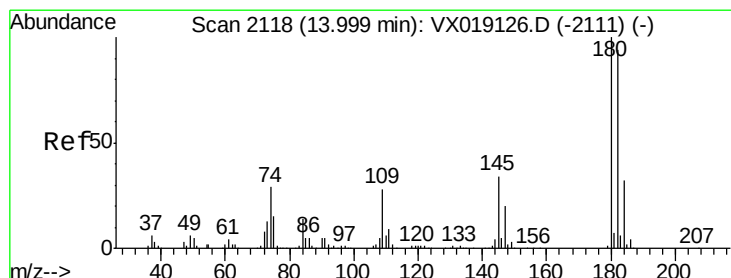
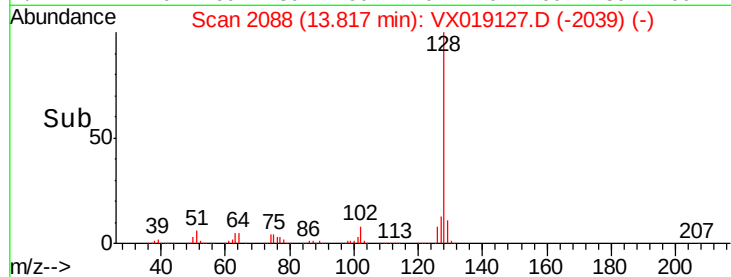
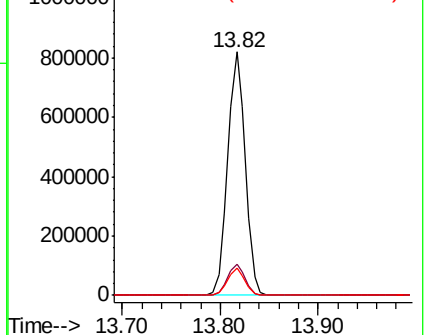
128 100

127 12.8 10.4 15.6

129 11.0 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 105.585 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

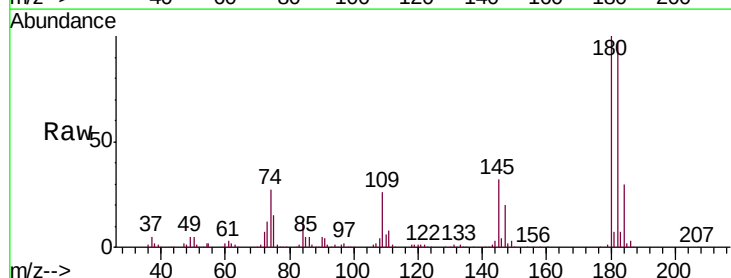
Tgt Ion:180 Resp: 300496

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 32.6 15.9 47.7



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

