

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019125.D
 Acq On : 26 Oct 2020 18:09
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 26 19:03:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	161802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	271683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	243094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	122092	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	33522	14.10	ug/l	0.00
Spiked Amount			Recovery	=	28.20%	
35) Dibromofluoromethane	5.46	113	28407	14.35	ug/l	0.00
Spiked Amount			Recovery	=	28.70%	
50) Toluene-d8	8.70	98	109339	14.92	ug/l	0.00
Spiked Amount			Recovery	=	29.84%	
62) 4-Bromofluorobenzene	11.12	95	37182	15.11	ug/l	0.00
Spiked Amount			Recovery	=	30.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	23677	18.722	ug/l	97
3) Chloromethane	1.31	50	25223	18.237	ug/l	100
4) Vinyl Chloride	1.39	62	32129	18.559	ug/l	100
5) Bromomethane	1.64	94	27704	19.519	ug/l	97
6) Chloroethane	1.71	64	21852	18.657	ug/l	99
7) Trichlorofluoromethane	1.92	101	55855	18.969	ug/l	97
8) Diethyl Ether	2.17	74	21579	18.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27125	18.330	ug/l	99
10) Methyl Iodide	2.50	142	27283	18.267	ug/l	98
11) Tert butyl alcohol	3.01	59	33870	85.629	ug/l	99
12) 1,1-Dichloroethene	2.35	96	27529	18.543	ug/l	97
13) Acrolein	2.28	56	15563	78.134	ug/l	95
14) Allyl chloride	2.71	41	35157	18.314	ug/l	99
15) Acrylonitrile	3.12	53	73383	95.296	ug/l	99
16) Acetone	2.42	43	56595	90.133	ug/l	99
17) Carbon Disulfide	2.55	76	74940	18.275	ug/l	97
18) Methyl Acetate	2.75	43	27339	17.639	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	95709	18.852	ug/l	100
20) Methylene Chloride	2.84	84	32236	17.492	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	31624	17.993	ug/l	98
22) Diisopropyl ether	3.82	45	76934	18.937	ug/l	# 82
23) Vinyl Acetate	3.78	43	336625	95.425	ug/l	98
24) 1,1-Dichloroethane	3.67	63	51311	19.075	ug/l	98
25) 2-Butanone	4.64	43	91660	92.992	ug/l	100
26) 2,2-Dichloropropane	4.55	77	47474	18.640	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	36943	18.812	ug/l	98
28) Bromochloromethane	4.98	49	21766	18.792	ug/l	99
29) Tetrahydrofuran	5.09	42	57450	92.766	ug/l	99
30) Chloroform	5.18	83	55743	18.610	ug/l	96
31) Cyclohexane	5.55	56	43335	18.339	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	50575	19.185	ug/l	99
36) 1,1-Dichloropropene	5.77	75	42888	18.353	ug/l	98
37) Ethyl Acetate	4.79	43	35347	17.359	ug/l	98
38) Carbon Tetrachloride	5.75	117	42942	18.205	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53558	18.851	ug/l	99
40) Benzene	6.11	78	126462	18.412	ug/l	98
41) Methacrylonitrile	5.00	41	18891	18.287	ug/l	99
42) 1,2-Dichloroethane	6.16	62	43025	18.602	ug/l	99
43) Isopropyl Acetate	6.41	43	60589	18.439	ug/l	99
44) Trichloroethene	7.19	130	35399	18.040	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29780	18.712	ug/l	97
46) Dibromomethane	7.64	93	22412	18.661	ug/l	99
47) Bromodichloromethane	7.87	83	43248	18.820	ug/l	97
48) Methyl methacrylate	7.74	41	28559	18.725	ug/l	97
49) 1,4-Dioxane	7.72	88	15727	387.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	179448	94.628	ug/l	100
52) Toluene	8.76	92	81850	18.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	47306	18.819	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	51581	19.067	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	32354	18.559	ug/l	98
56) Ethyl methacrylate	9.16	69	46487	19.060	ug/l	97
57) 1,3-Dichloropropane	9.35	76	54146	18.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	128765	94.515	ug/l	98
59) 2-Hexanone	9.47	43	136181	95.393	ug/l	98
60) Dibromochloromethane	9.56	129	34057	19.214	ug/l	100
61) 1,2-Dibromoethane	9.65	107	34939	19.084	ug/l	98
64) Tetrachloroethene	9.32	164	34033	18.176	ug/l	96
65) Chlorobenzene	10.12	112	87563	18.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31408	18.971	ug/l	99
67) Ethyl Benzene	10.24	91	153822	18.637	ug/l	99
68) m/p-Xylenes	10.34	106	118807	37.735	ug/l	99
69) o-Xylene	10.68	106	56768	18.936	ug/l	100
70) Styrene	10.69	104	94424	19.206	ug/l	100
71) Bromoform	10.84	173	23549	19.136	ug/l #	98
73) Isopropylbenzene	11.00	105	153138	18.858	ug/l	99
74) N-amyl acetate	10.88	43	47397	19.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	47992	18.986	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	54408	20.292	ug/l	86
77) Bromobenzene	11.24	156	36487	18.230	ug/l	93
78) n-propylbenzene	11.34	91	172156	19.022	ug/l	100
79) 2-Chlorotoluene	11.40	91	99513	18.684	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	123759	18.875	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	14523	19.095	ug/l	97
82) 4-Chlorotoluene	11.49	91	117092	18.713	ug/l	100
83) tert-Butylbenzene	11.76	119	122661	19.007	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	126823	19.079	ug/l	100
85) sec-Butylbenzene	11.93	105	148754	19.189	ug/l	100
86) p-Isopropyltoluene	12.05	119	134861	19.098	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	68630	18.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	70450	18.435	ug/l	98
89) n-Butylbenzene	12.37	91	122051	18.858	ug/l	100
90) Hexachloroethane	12.58	117	21913	19.362	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	68959	18.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10368	19.436	ug/l	96

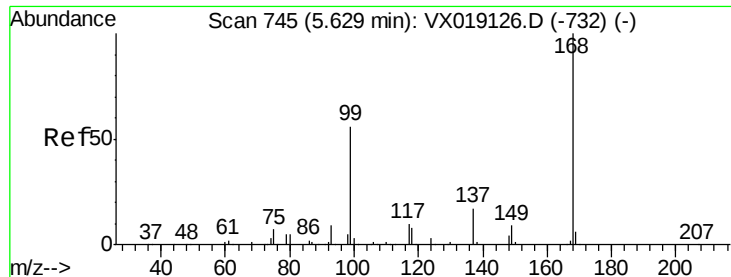
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	46638	18.649	ug/l	99
94) Hexachlorobutadiene	13.76	225	21321	18.850	ug/l	96
95) Naphthalene	13.82	128	149871	19.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	45666	18.540	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

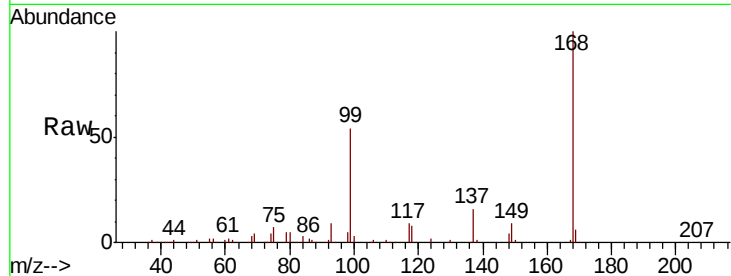
VSTDIC020

Tot Ion:168 Resp: 161802

Ion Ratio Lower Upper

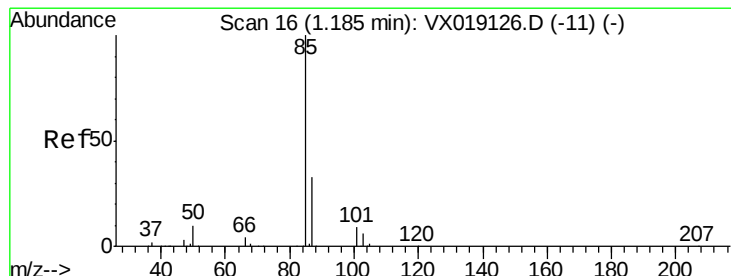
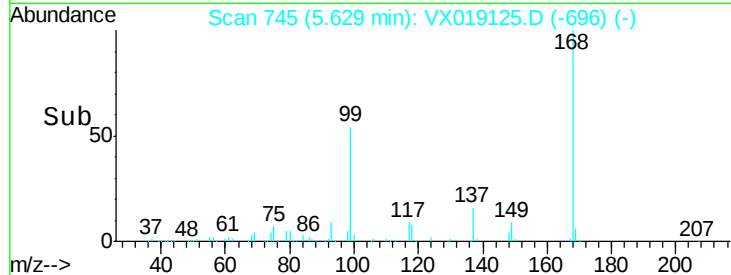
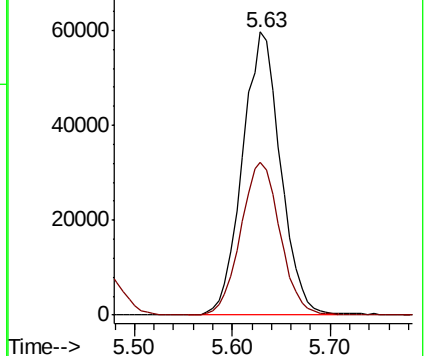
168 100

99 54.2 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: 18.722 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019125.D

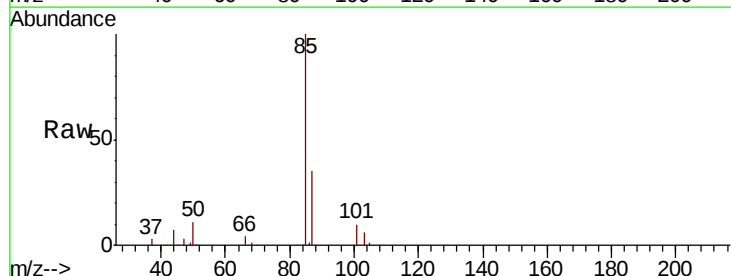
Acq: 26 Oct 2020 18:09

Tgt Ion: 85 Resp: 23677

Ion Ratio Lower Upper

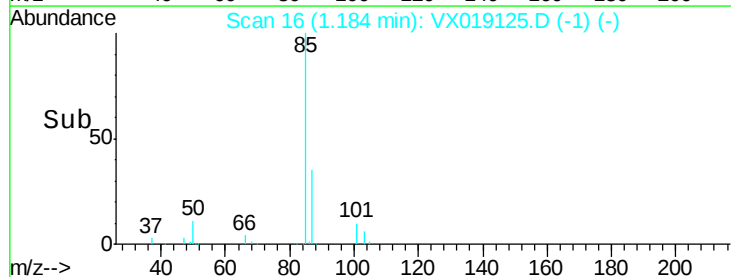
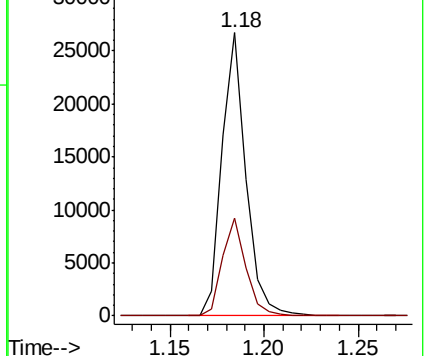
85 100

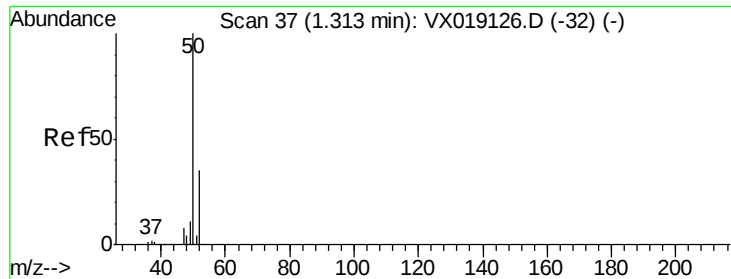
87 34.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.237 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

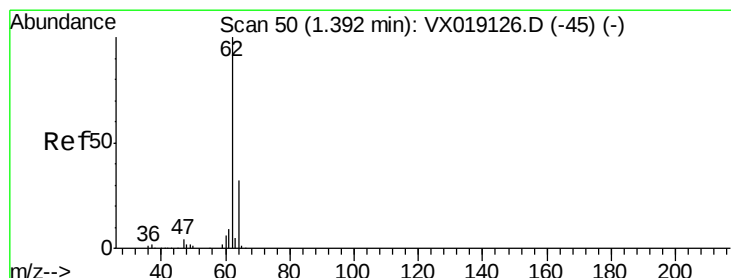
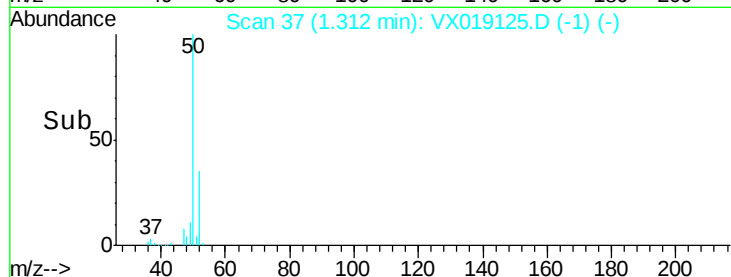
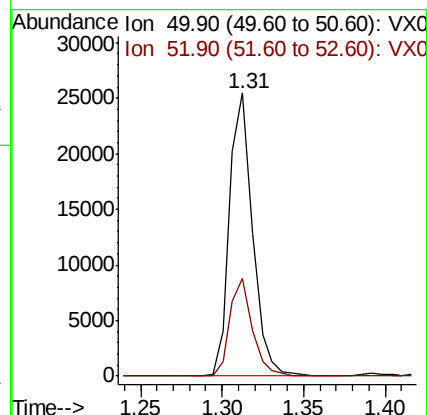
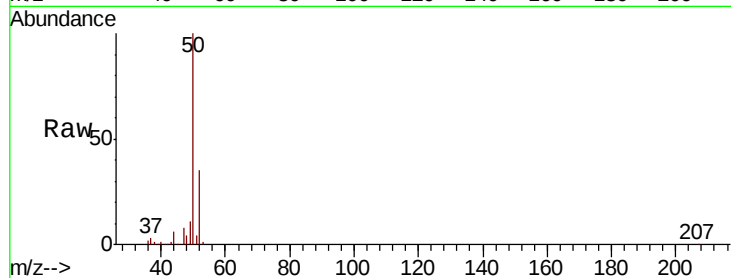
VSTDIC020

Tot Ion: 50 Resp: 25223

Ion Ratio Lower Upper

50 100

52 34.7 27.7 41.5



#4

Vinyl Chloride

Concen: 18.559 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019125.D

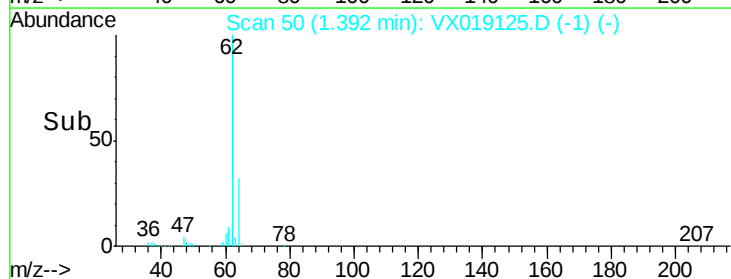
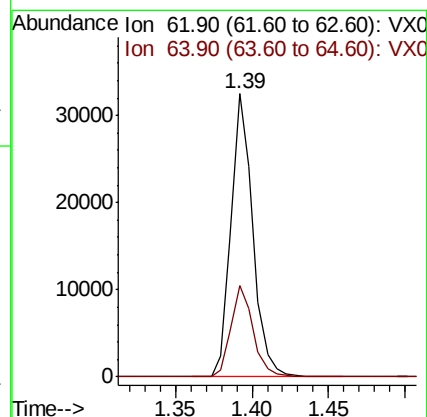
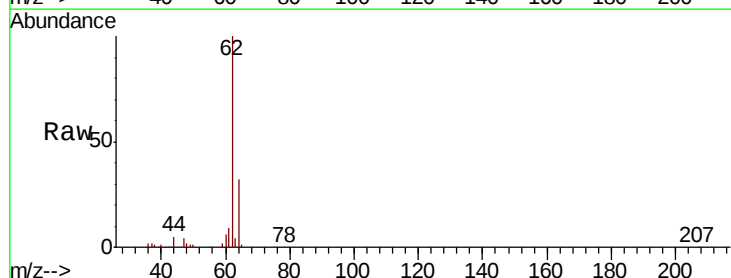
Acq: 26 Oct 2020 18:09

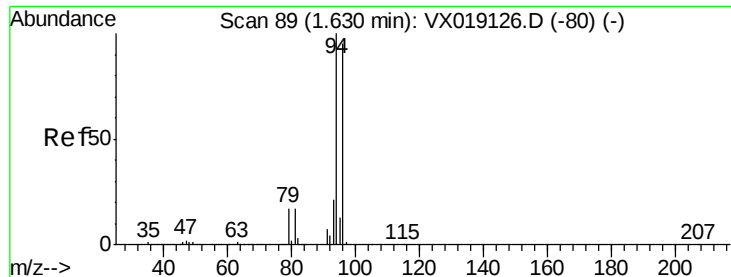
Tgt Ion: 62 Resp: 32129

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 19.519 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

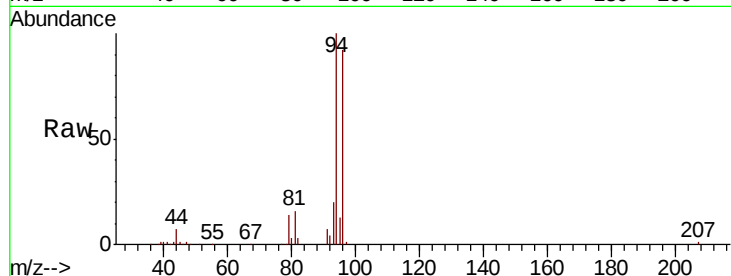
VSTDIC020

Tot Ion: 94 Resp: 27704

Ion Ratio Lower Upper

94 100

96 92.0 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

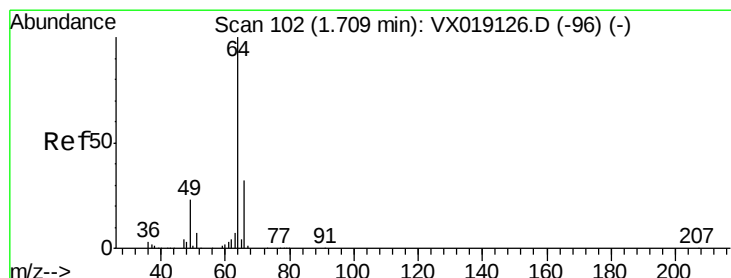
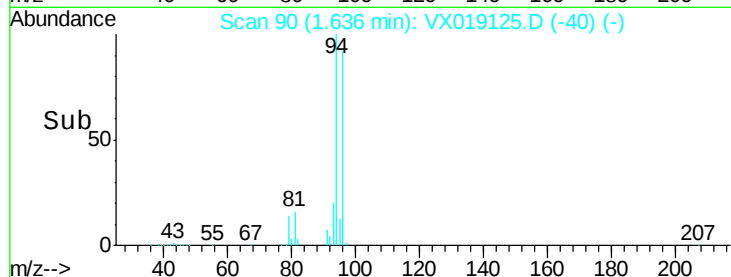
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 18.657 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019125.D

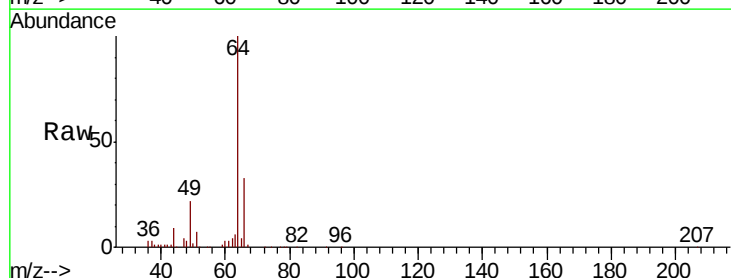
Acq: 26 Oct 2020 18:09

Tgt Ion: 64 Resp: 21852

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

20000

15000

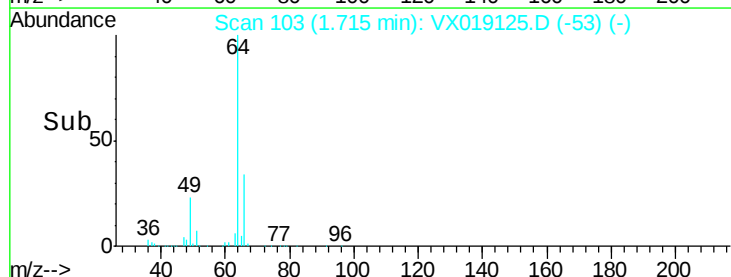
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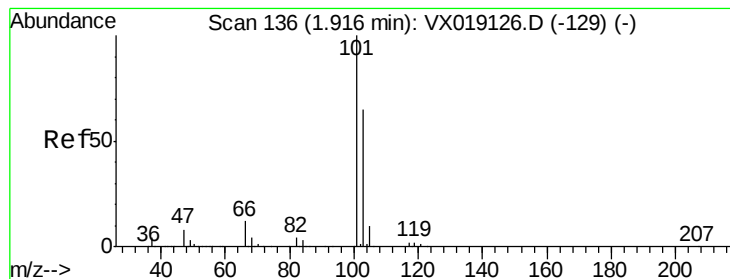
5000

0

Time-->

1.65 1.70 1.75 1.80



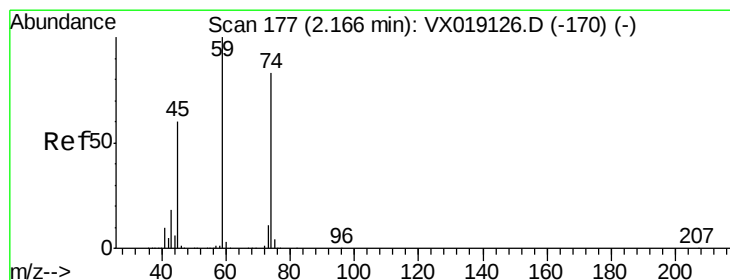
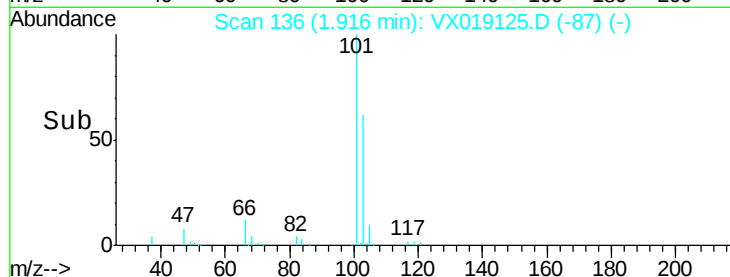
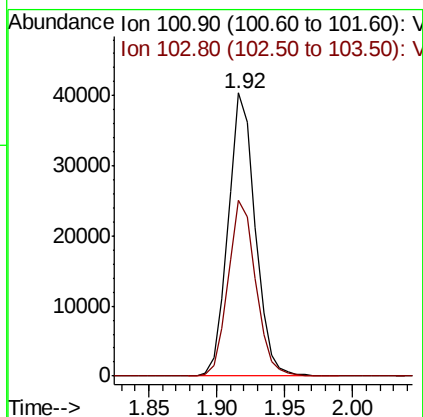
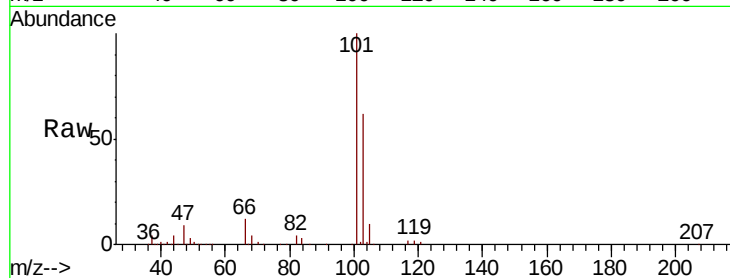


#7

Trichlorofluoromethane
 Concen: 18.969 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

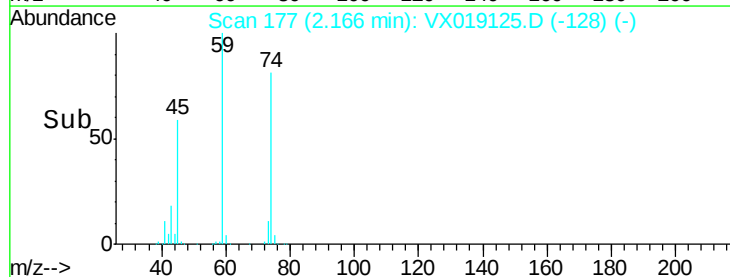
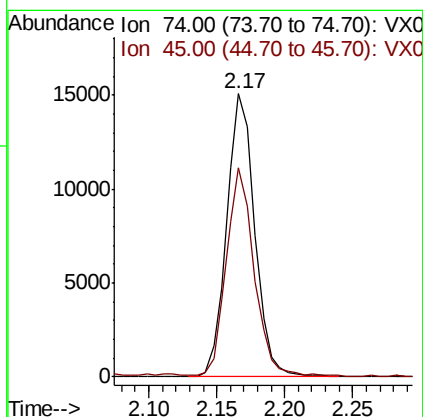
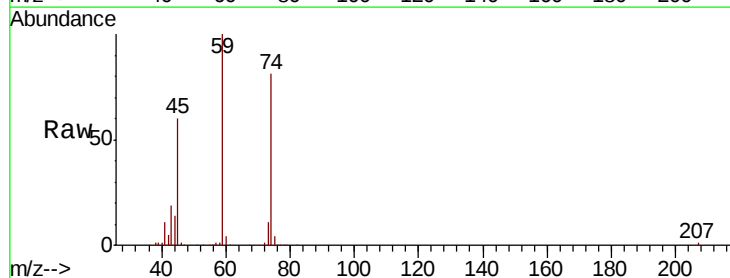
Tot Ion:101 Resp: 55855
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.8 77.6

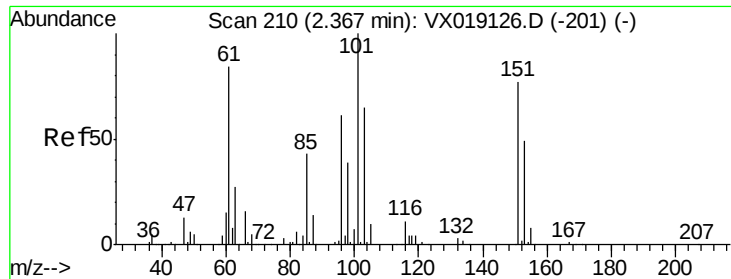


#8

Diethyl Ether
 Concen: 18.459 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion: 74 Resp: 21579
 Ion Ratio Lower Upper
 74 100
 45 74.9 36.1 108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.330 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

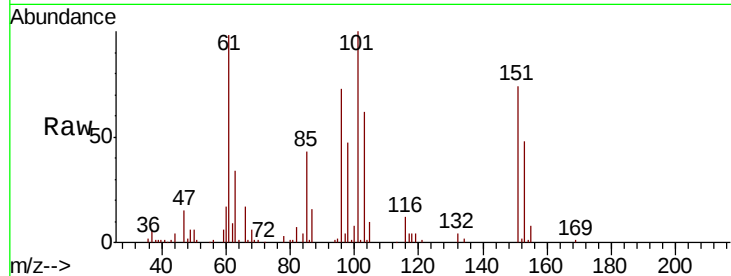
Tot Ion:101 Resp: 27125

Ion Ratio Lower Upper

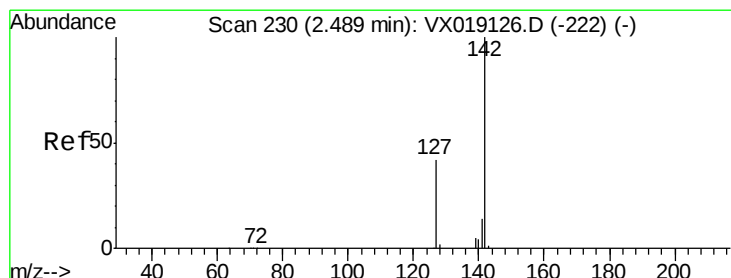
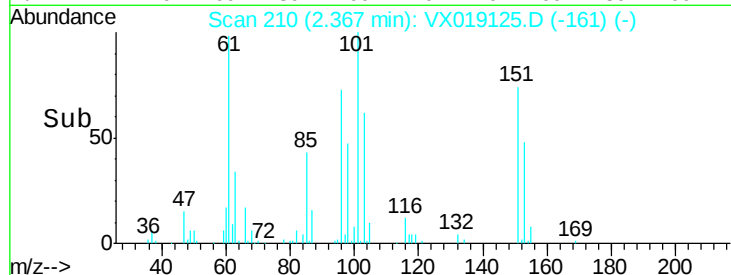
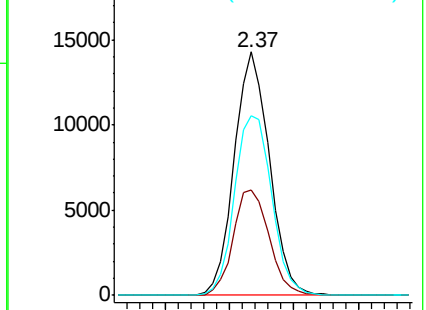
101 100

85 44.3 34.7 52.1

151 77.9 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: 18.267 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

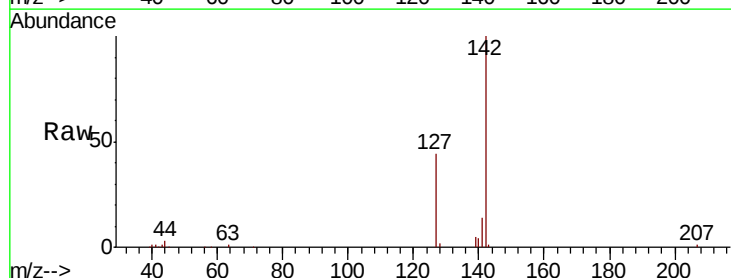
Tgt Ion:142 Resp: 27283

Ion Ratio Lower Upper

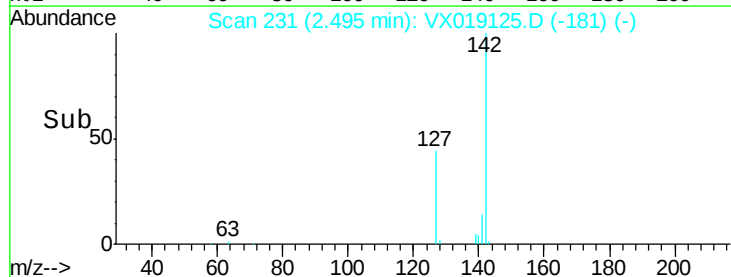
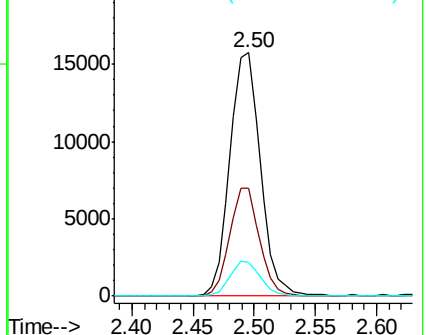
142 100

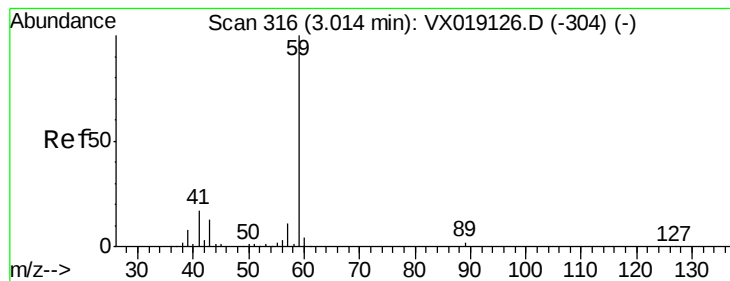
127 43.3 33.1 49.7

141 14.2 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: 85.629 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

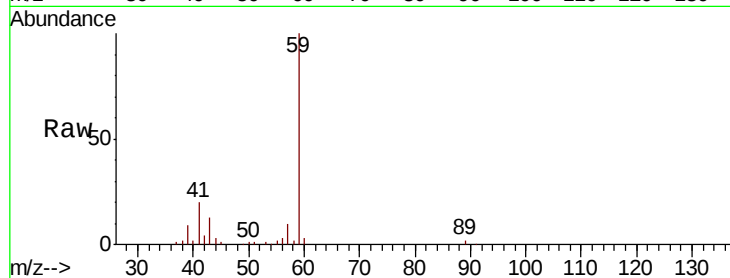
VSTDIC020

Tot Ion: 59 Resp: 33870

Ion Ratio Lower Upper

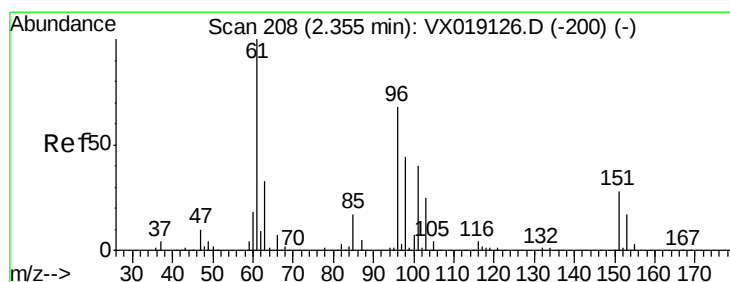
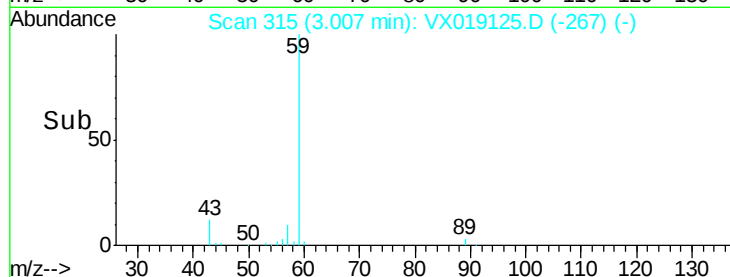
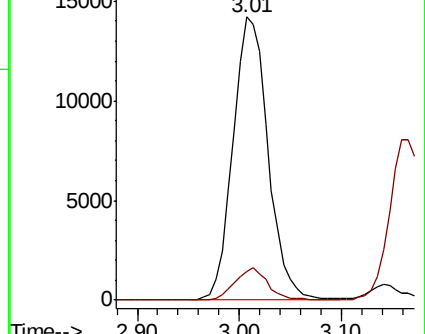
59 100

57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.543 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

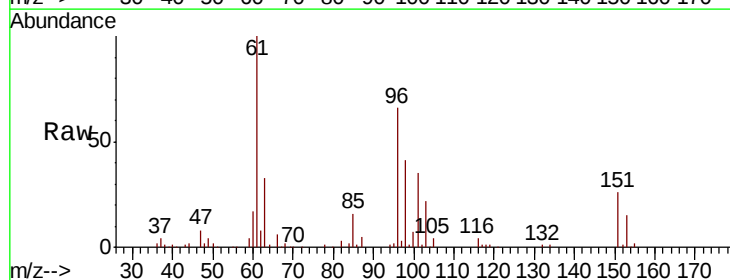
Tgt Ion: 96 Resp: 27529

Ion Ratio Lower Upper

96 100

61 151.2 117.0 175.4

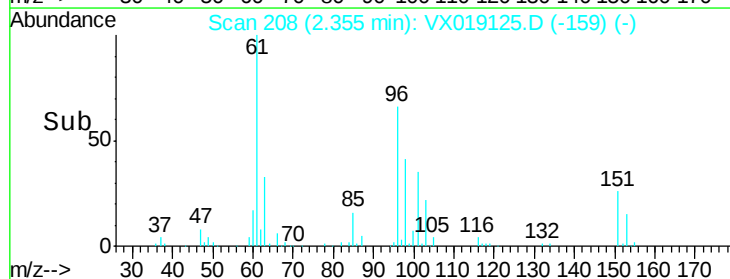
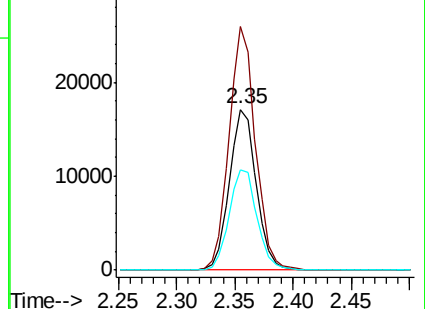
98 62.6 51.2 76.8

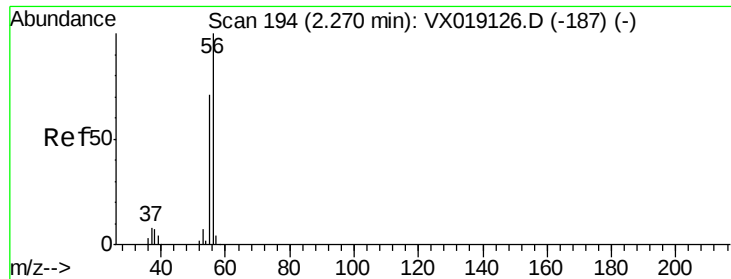


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 78.134 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

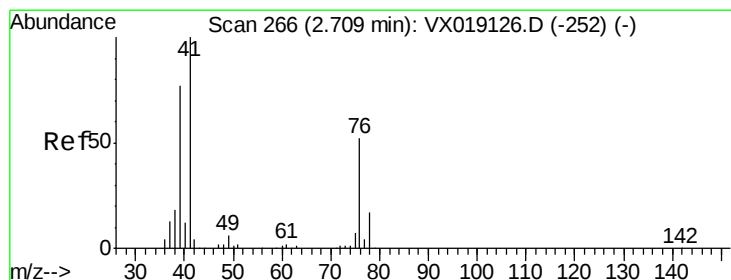
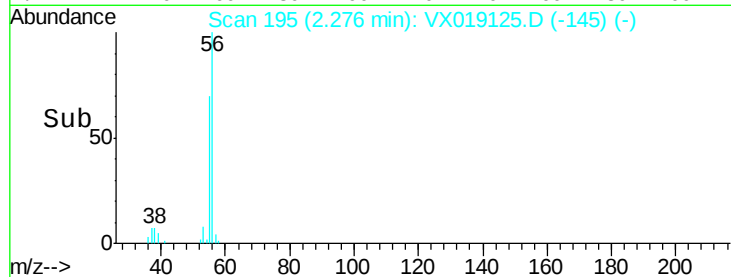
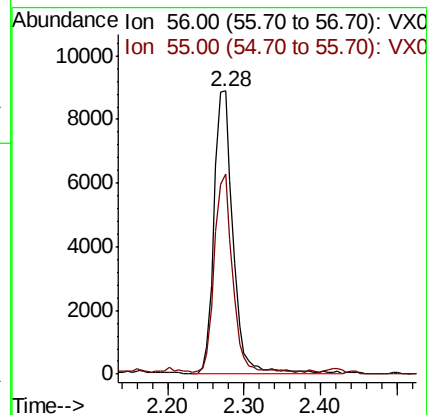
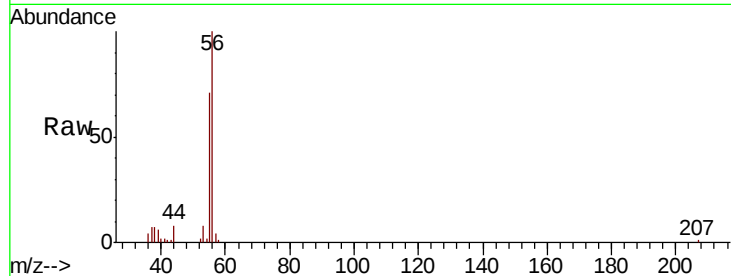
VSTDIC020

Tot Ion: 56 Resp: 15563

Ion Ratio Lower Upper

56 100

55 65.4 55.9 83.9



#14

Allyl chloride

Concen: 18.314 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

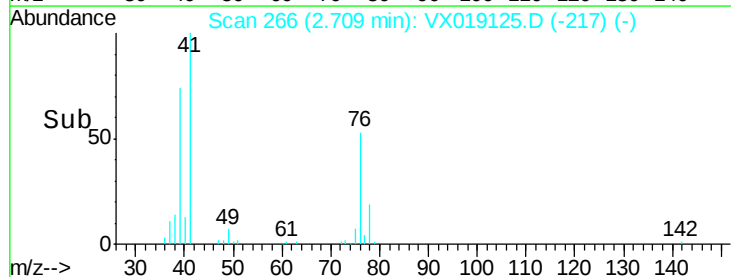
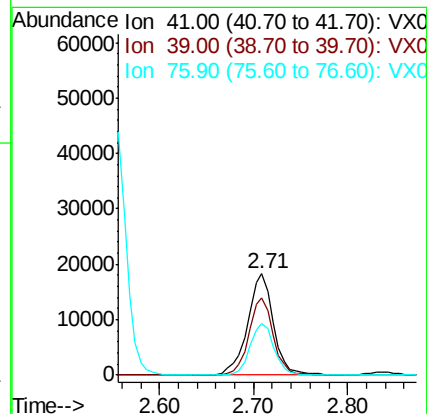
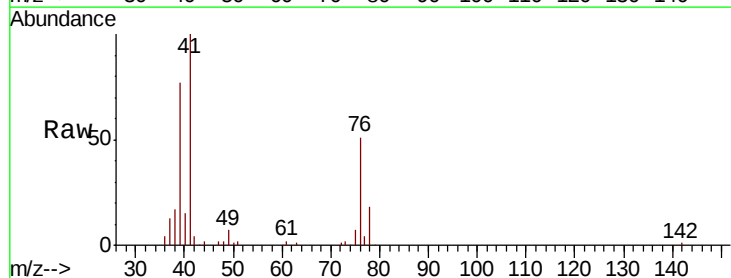
Tgt Ion: 41 Resp: 35157

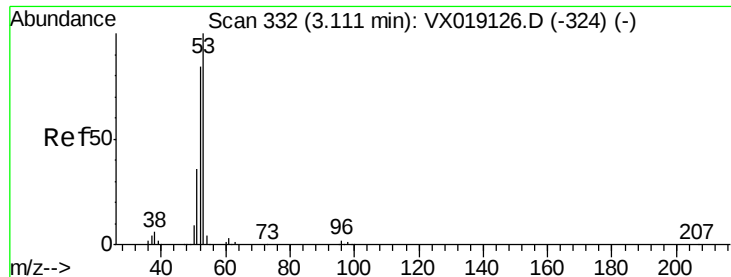
Ion Ratio Lower Upper

41 100

39 71.7 57.0 85.4

76 47.4 37.6 56.4





#15

Acrylonitrile

Concen: 95.296 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

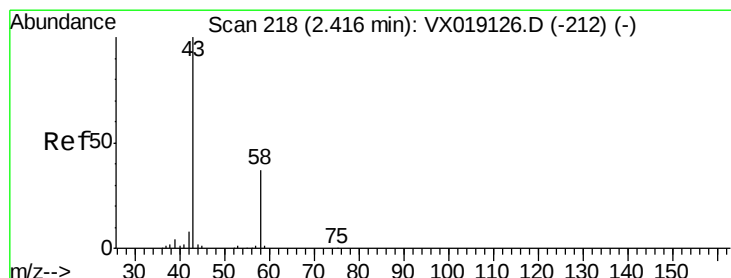
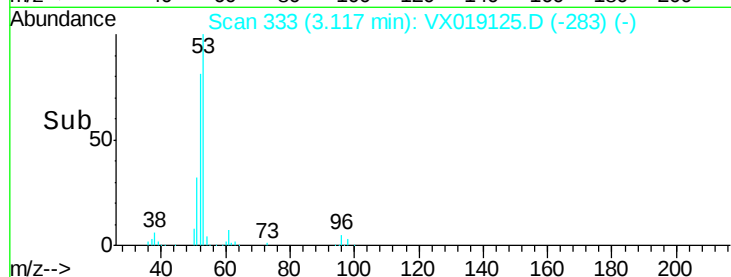
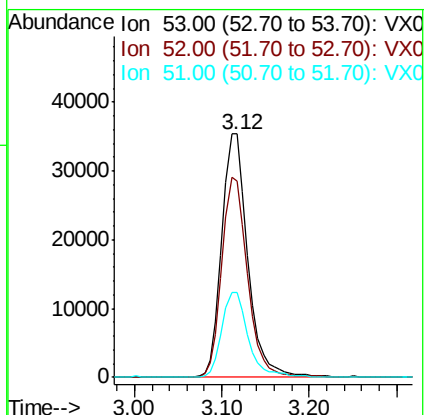
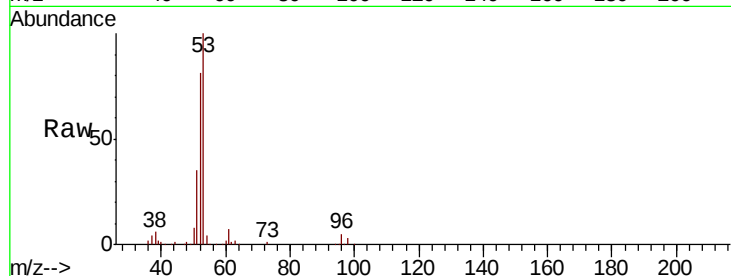
Tot Ion: 53 Resp: 73383

Ion Ratio Lower Upper

53 100

52 80.8 65.8 98.8

51 35.8 28.5 42.7



#16

Acetone

Concen: 90.133 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019125.D

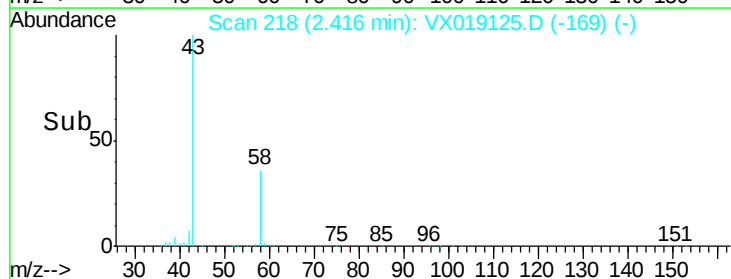
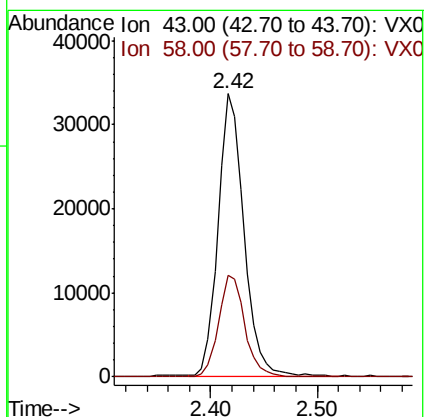
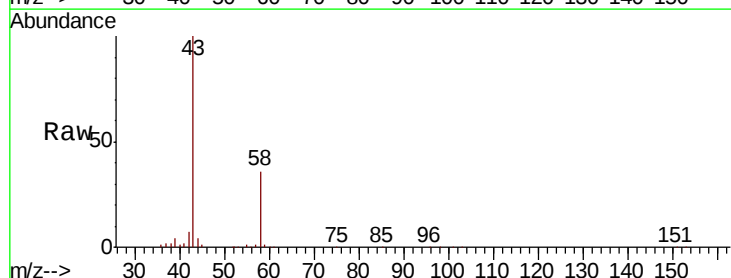
Acq: 26 Oct 2020 18:09

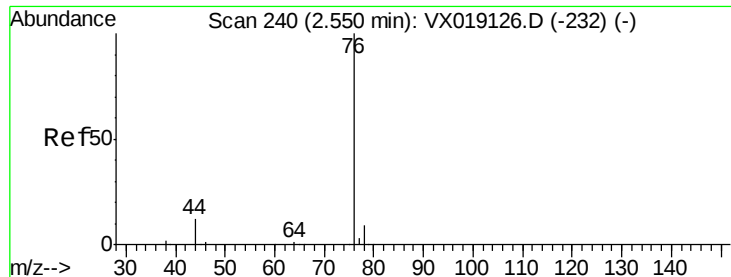
Tgt Ion: 43 Resp: 56595

Ion Ratio Lower Upper

43 100

58 36.0 29.4 44.0

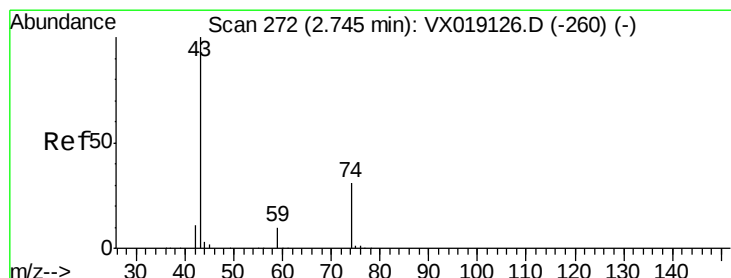
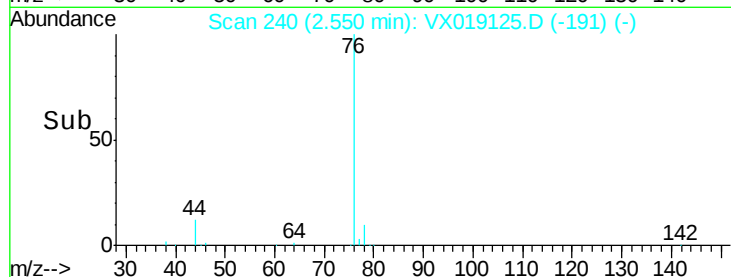
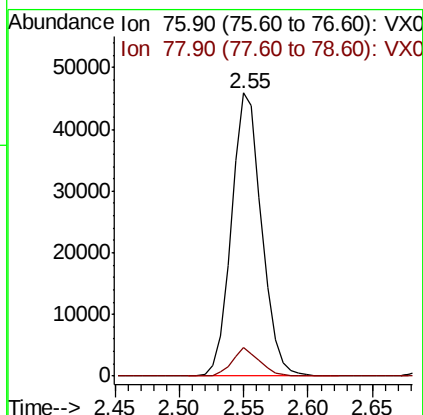
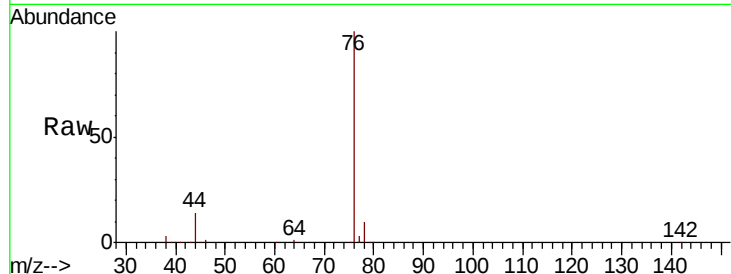




#17
Carbon Disulfide
Concen: 18.275 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

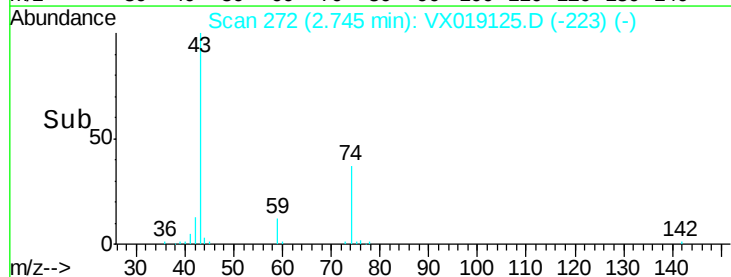
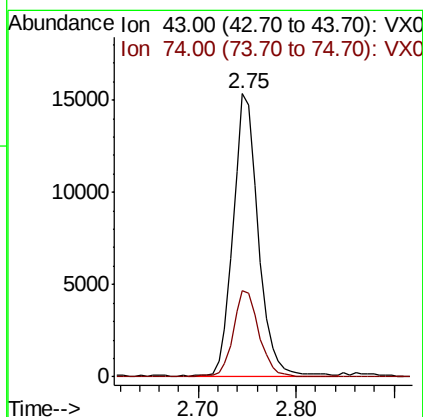
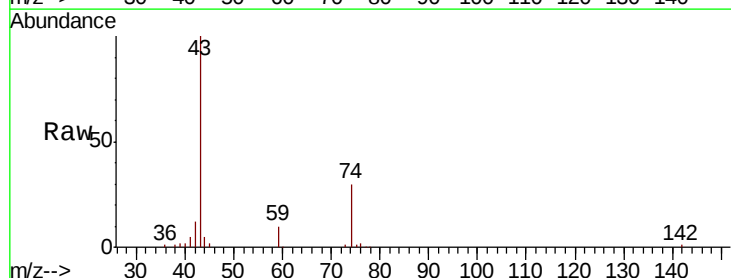
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

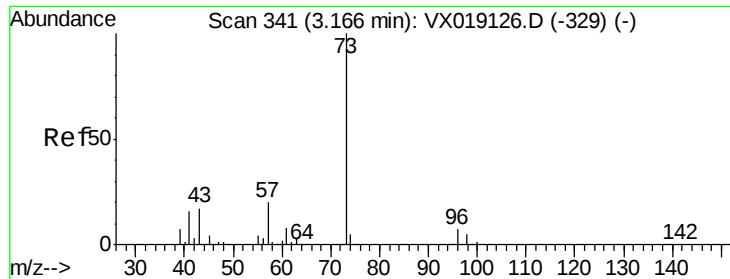
Tot Ion: 76 Resp: 74940
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 17.639 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 43 Resp: 27339
Ion Ratio Lower Upper
43 100
74 31.1 25.3 37.9

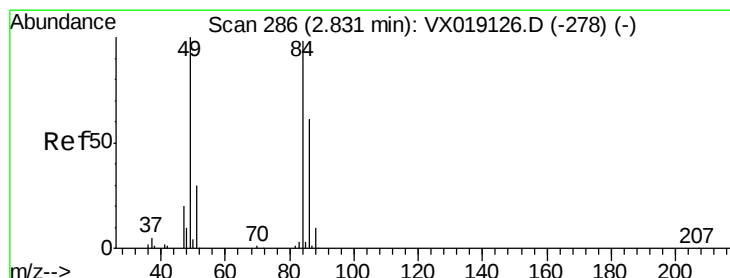
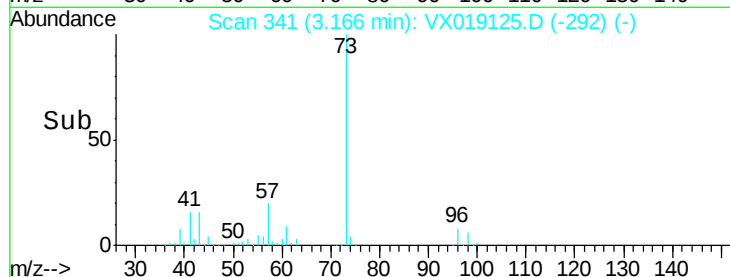
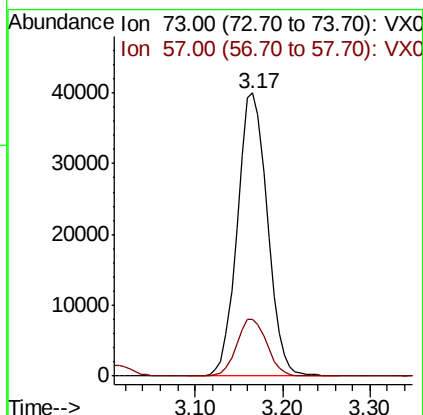
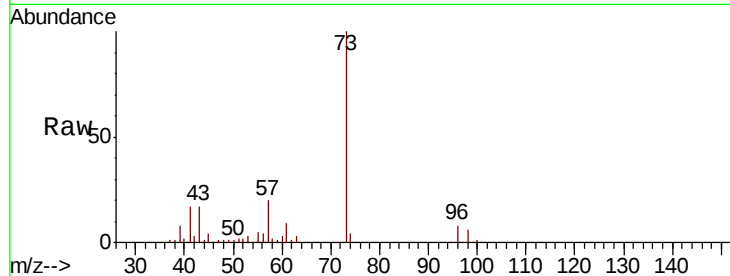




#19
Methyl tert-butyl Ether
Concen: 18.852 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

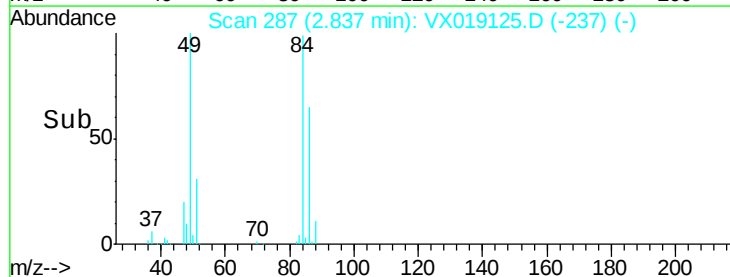
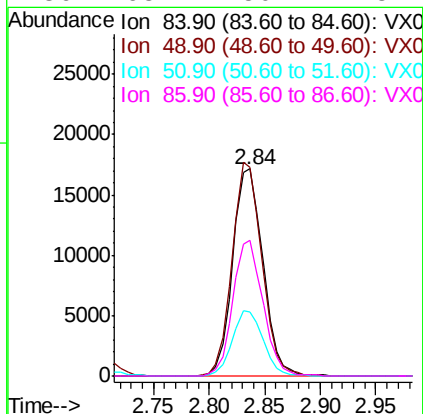
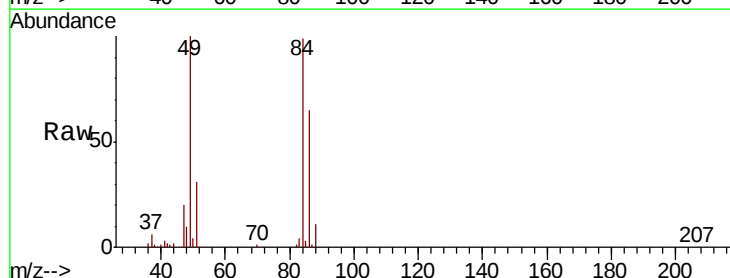
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

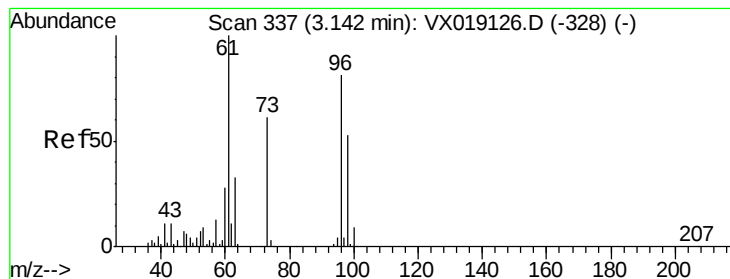
Tot Ion: 73 Resp: 95709
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.2



#20
Methylene Chloride
Concen: 17.492 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 84 Resp: 32236
Ion Ratio Lower Upper
84 100
49 100.9 82.0 123.0
51 31.2 24.2 36.4
86 65.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 17.993 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

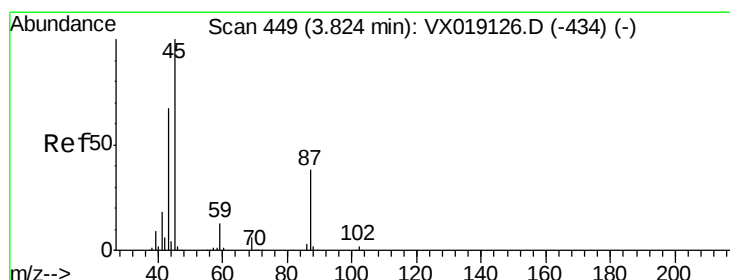
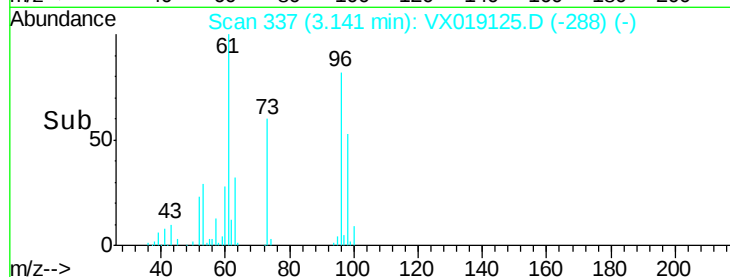
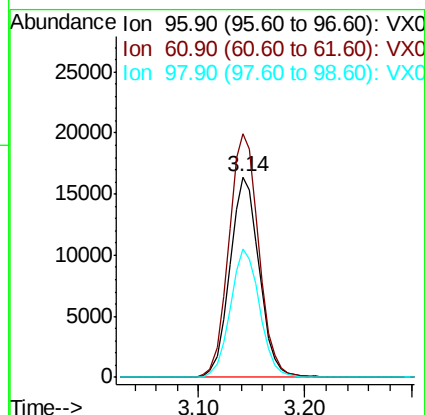
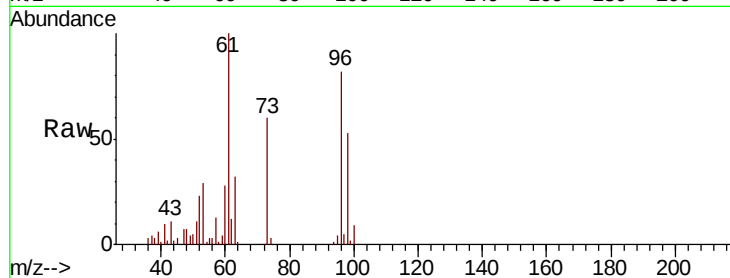
Tot Ion: 96 Resp: 31624

Ion Ratio Lower Upper

96 100

61 121.7 98.8 148.2

98 64.5 52.6 79.0



#22

Diisopropyl ether

Concen: 18.937 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion: 45 Resp: 76934

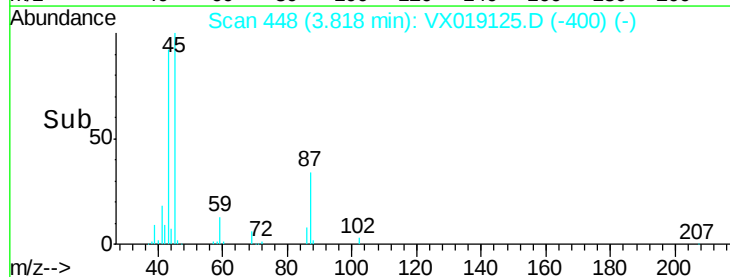
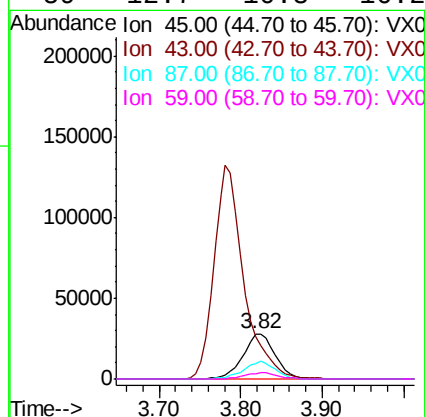
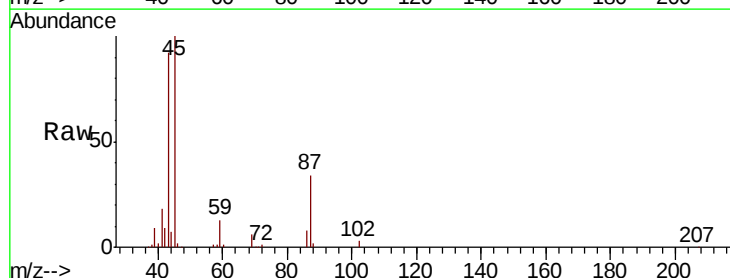
Ion Ratio Lower Upper

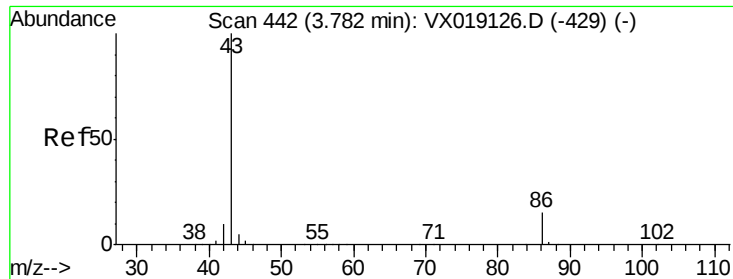
45 100

43 91.3 54.4 81.6#

87 34.4 30.2 45.2

59 12.7 10.8 16.2





#23

Vinyl Acetate

Concen: 95.425 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

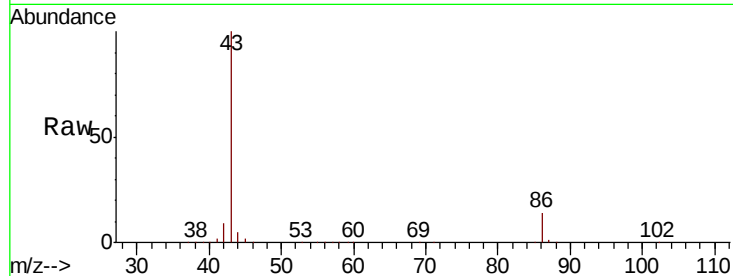
VSTDIC020

Tot Ion: 43 Resp: 336625

Ion Ratio Lower Upper

43 100

86 14.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

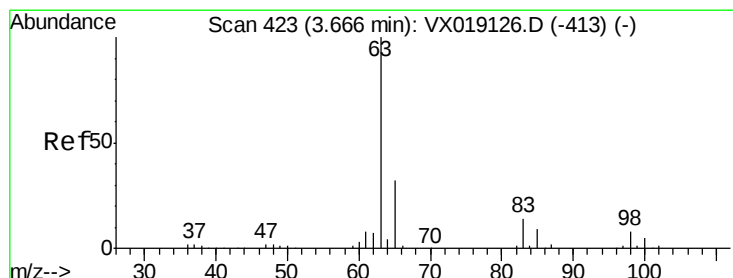
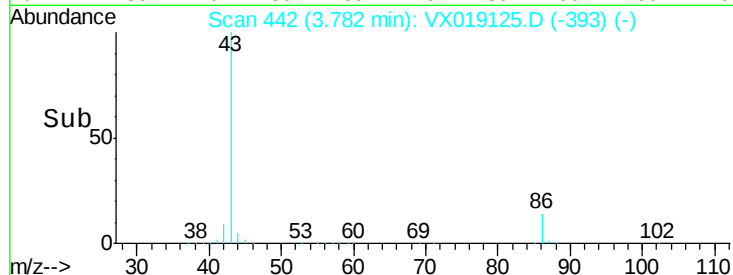
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.075 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

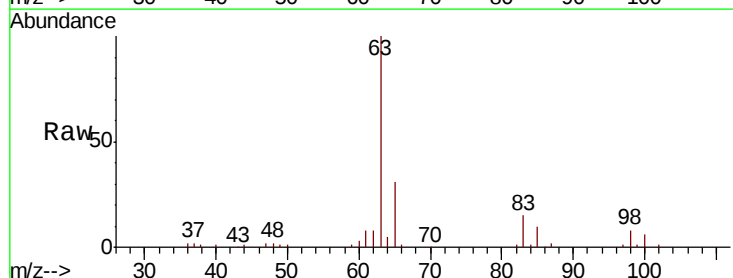
Tgt Ion: 63 Resp: 51311

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

25000

20000

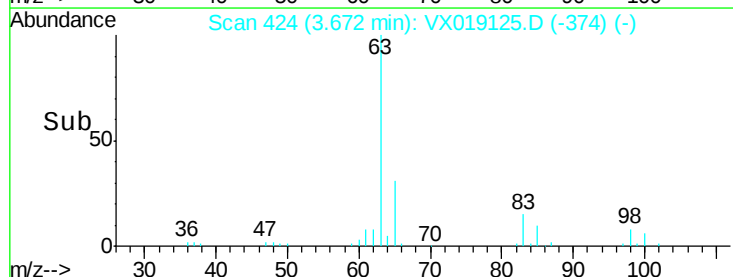
15000

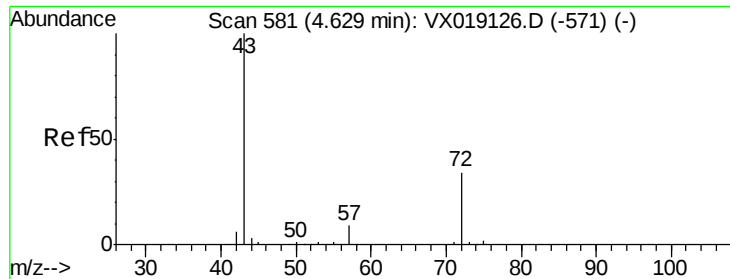
10000

5000

0

Time-->





#25

2-Butanone

Concen: 92.992 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

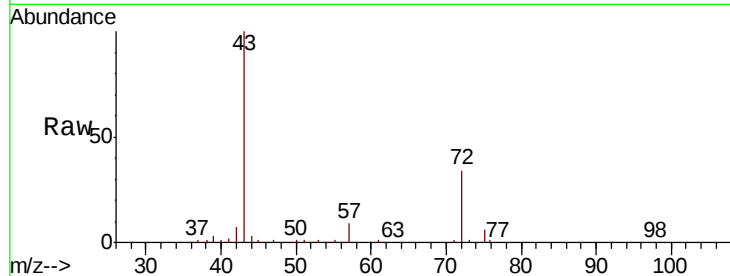
VSTDIC020

Tot Ion: 43 Resp: 91660

Ion Ratio Lower Upper

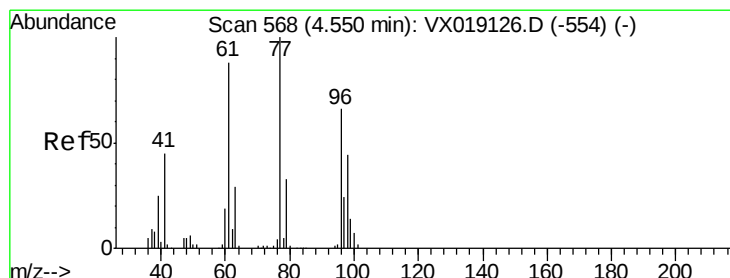
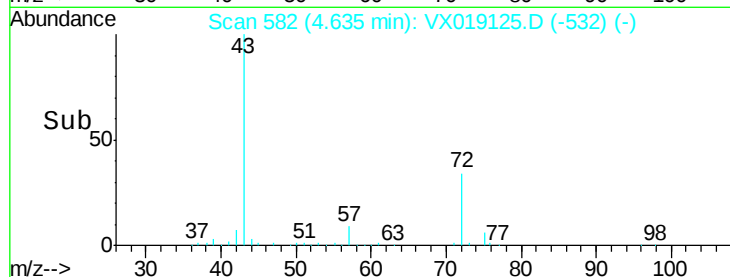
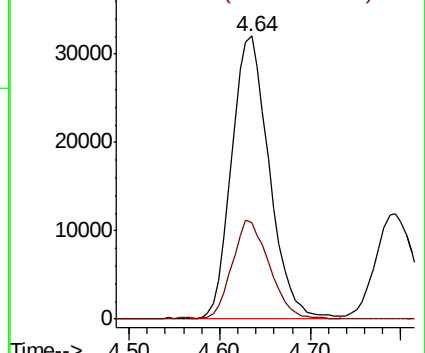
43 100

72 34.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.640 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019125.D

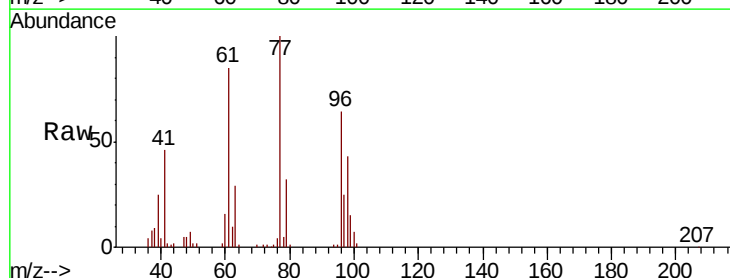
Acq: 26 Oct 2020 18:09

Tgt Ion: 77 Resp: 47474

Ion Ratio Lower Upper

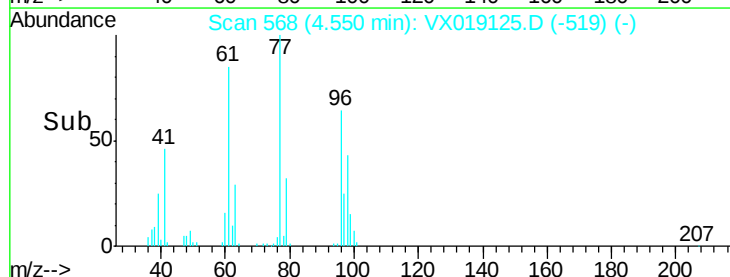
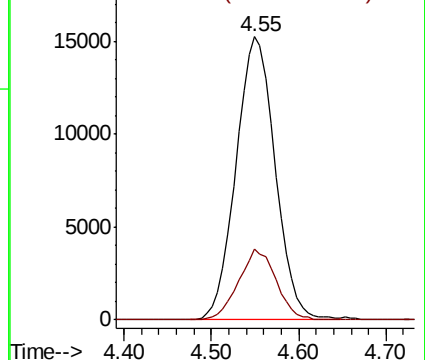
77 100

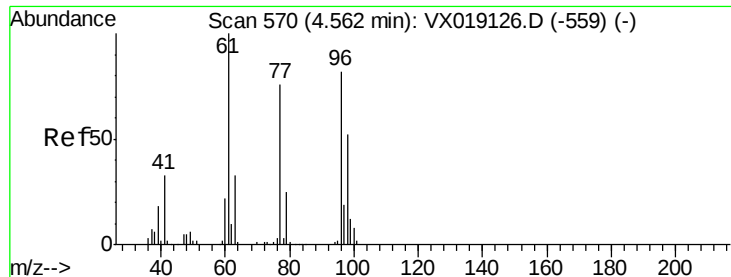
97 24.0 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



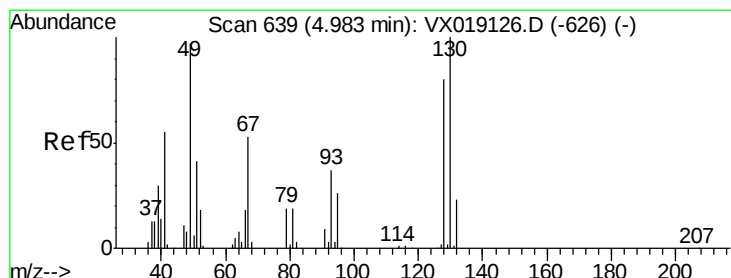
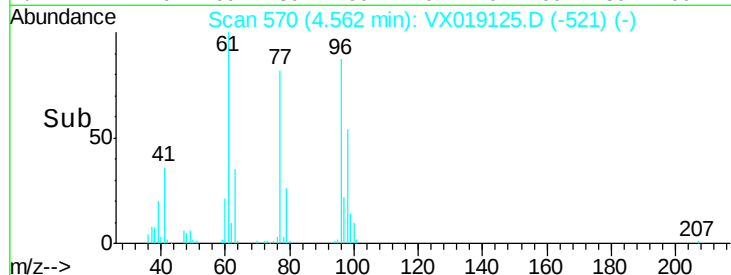
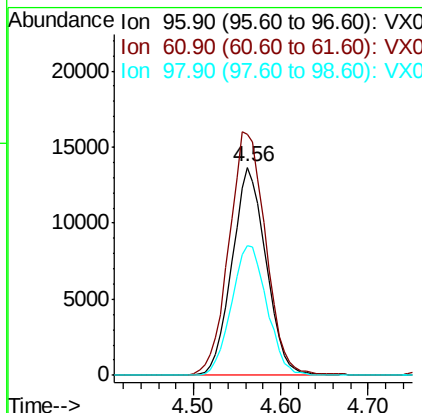
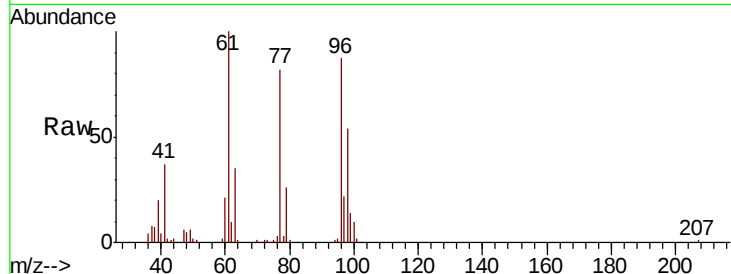


#27

cis-1,2-Dichloroethene
Concen: 18.812 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

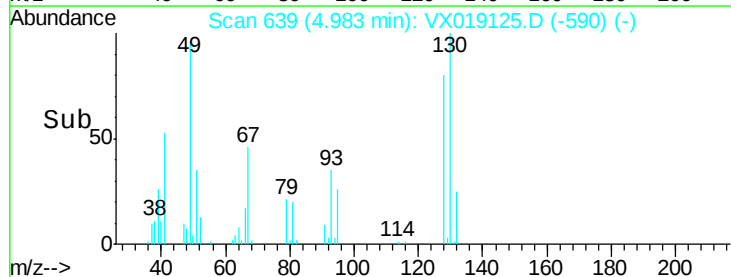
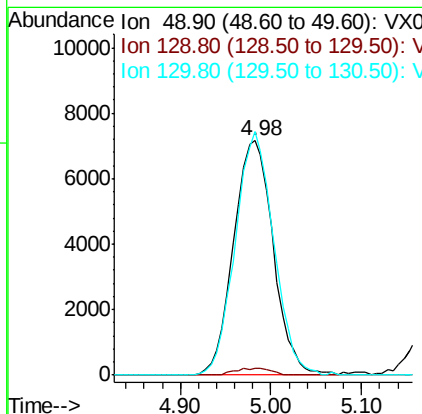
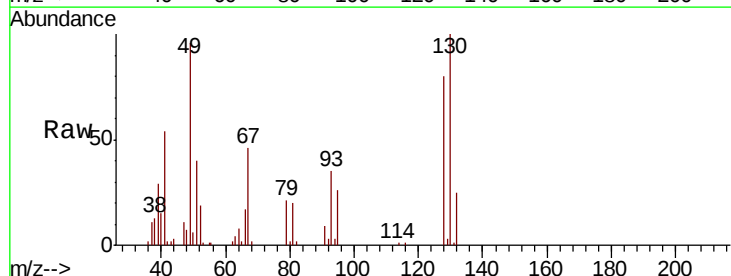
Tot Ion: 96 Resp: 36943
Ion Ratio Lower Upper
96 100
61 126.7 0.0 260.0
98 64.7 0.0 131.6

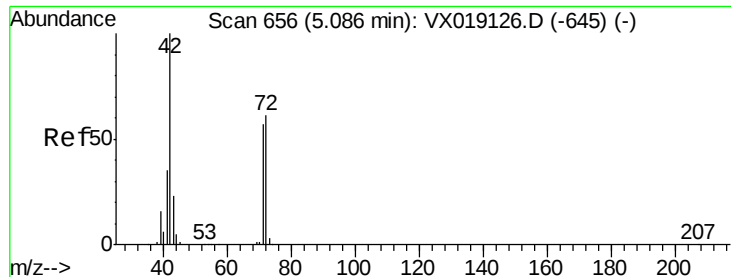


#28

Bromochloromethane
Concen: 18.792 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 49 Resp: 21766
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 100.2 81.1 121.7





#29

Tetrahydrofuran

Concen: 92.766 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

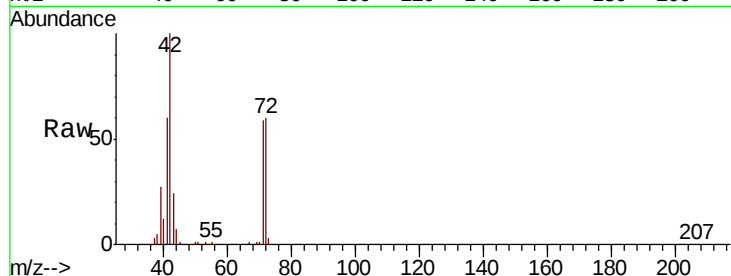
Tot Ion: 42 Resp: 57450

Ion Ratio Lower Upper

42 100

72 61.5 49.0 73.6

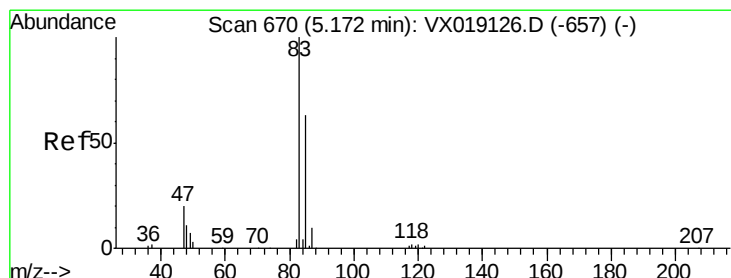
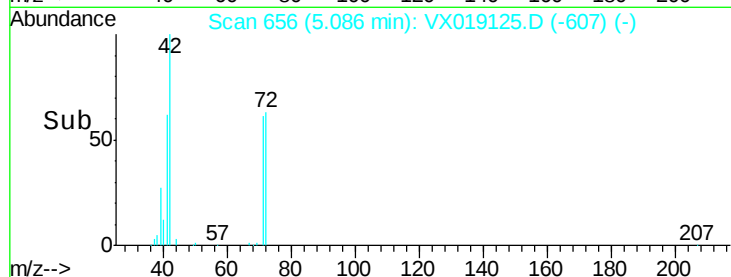
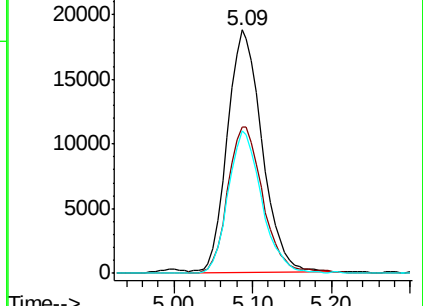
71 56.7 44.9 67.3



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: 18.610 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019125.D

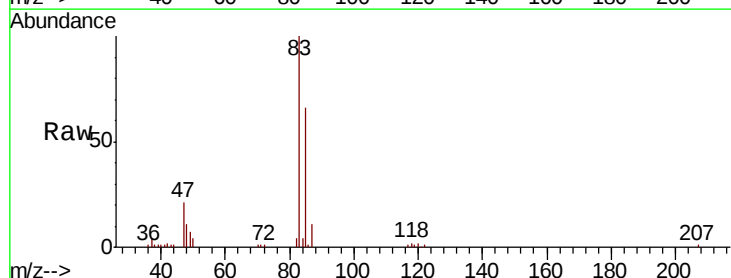
Acq: 26 Oct 2020 18:09

Tgt Ion: 83 Resp: 55743

Ion Ratio Lower Upper

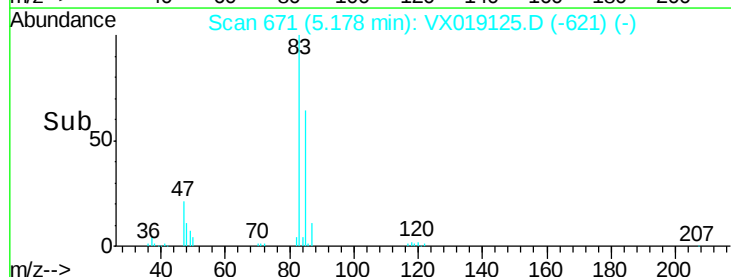
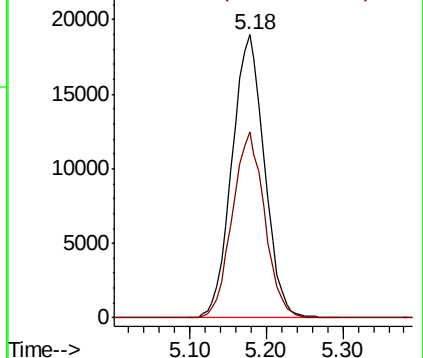
83 100

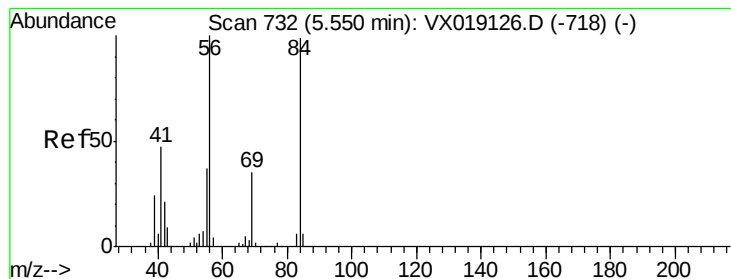
85 66.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.339 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

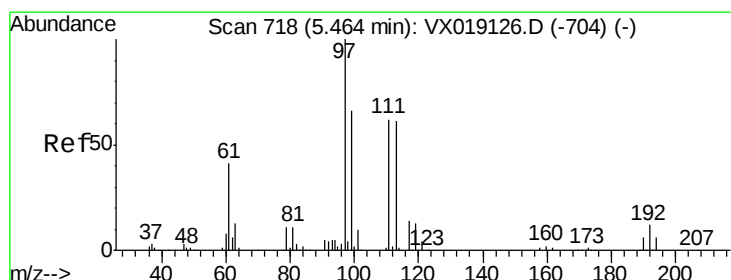
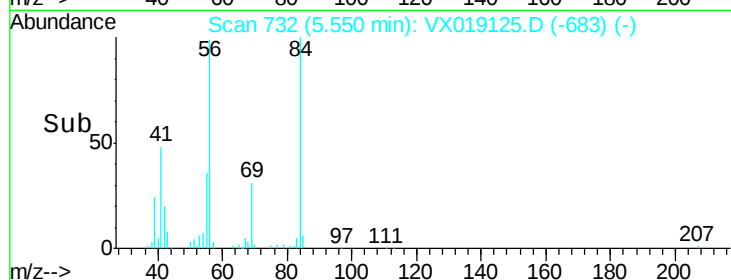
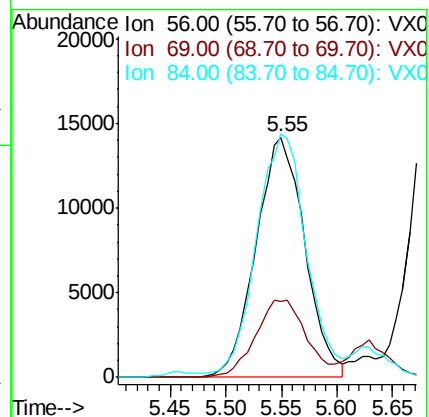
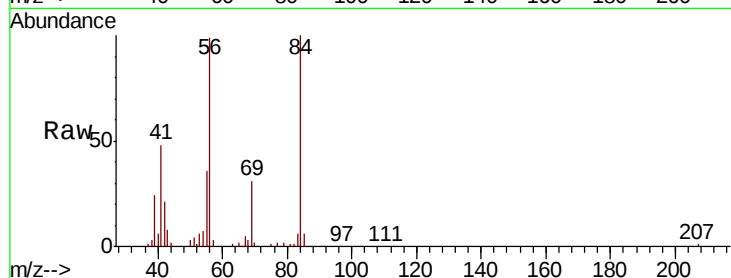
Tot Ion: 56 Resp: 43335

Ion Ratio Lower Upper

56 100

69 31.6 28.1 42.1

84 99.7 79.0 118.6



#32

1,1,1-Trichloroethane

Concen: 19.185 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

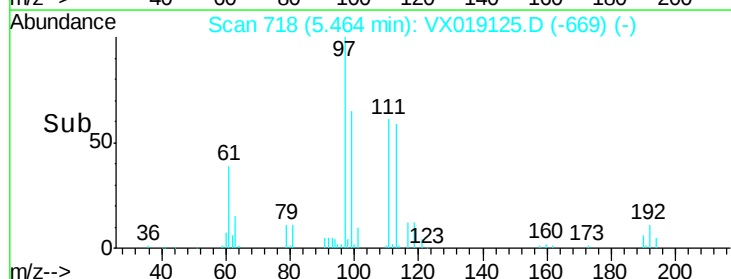
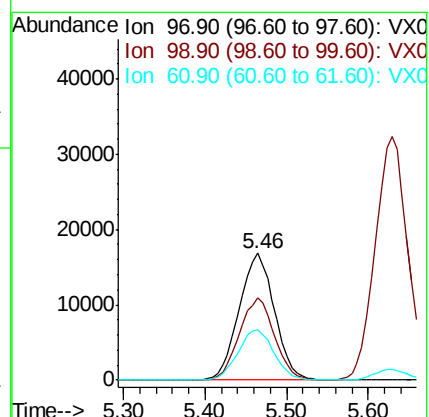
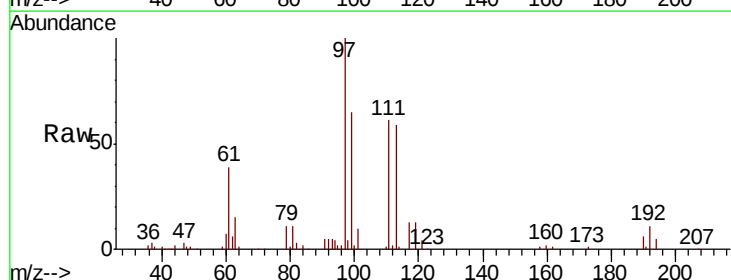
Tgt Ion: 97 Resp: 50575

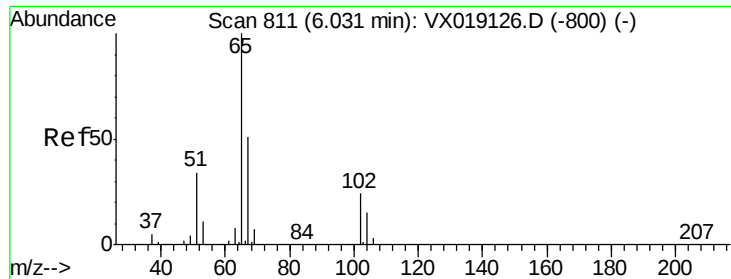
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 40.3 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 14.096 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

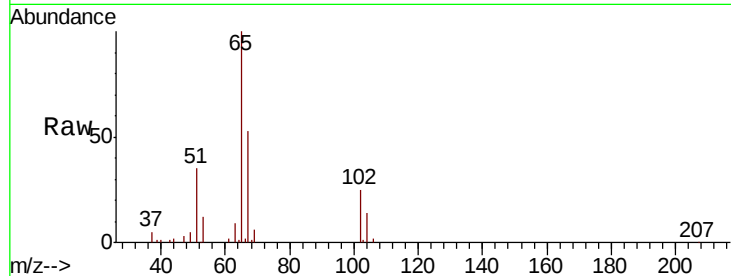
VSTDIC020

Tot Ion: 65 Resp: 33522

Ion Ratio Lower Upper

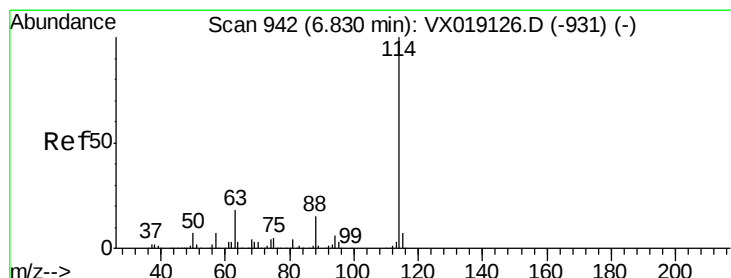
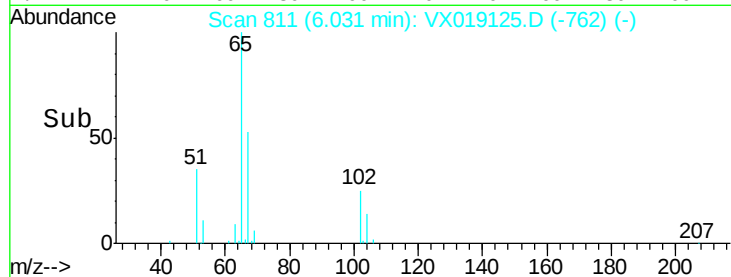
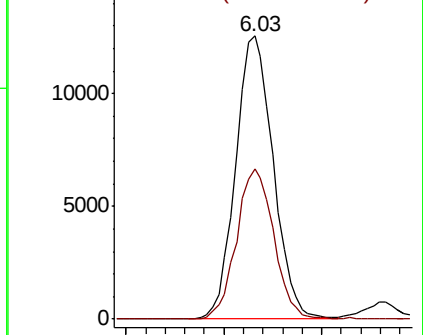
65 100

67 52.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

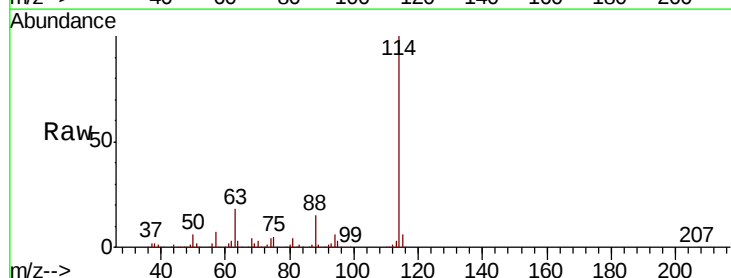
Tgt Ion: 114 Resp: 271683

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

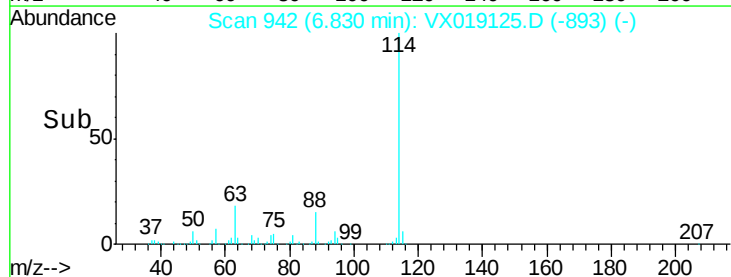
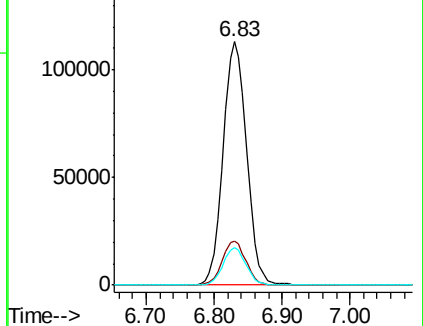
88 15.3 0.0 30.8

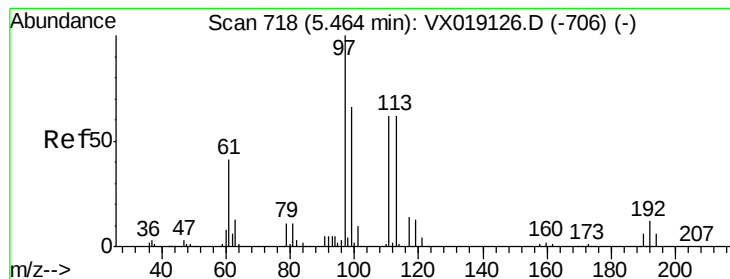


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 14.350 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

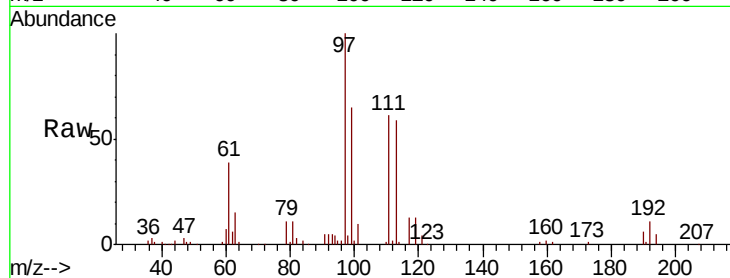
Tot Ion:113 Resp: 28407

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

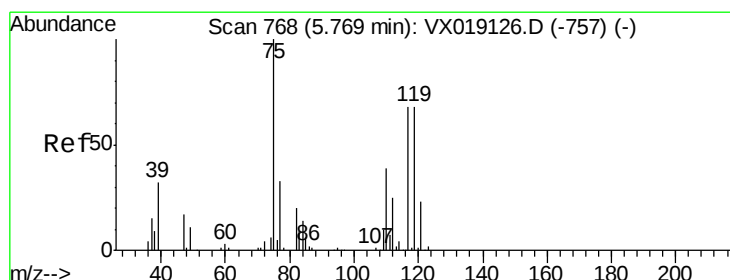
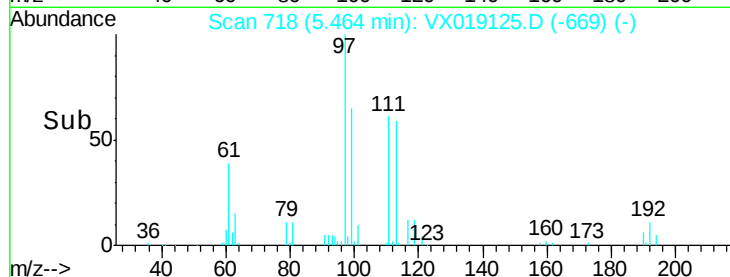
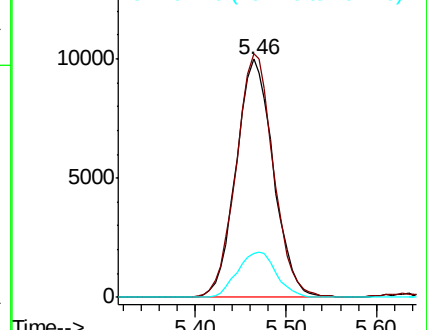
192 19.7 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.353 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

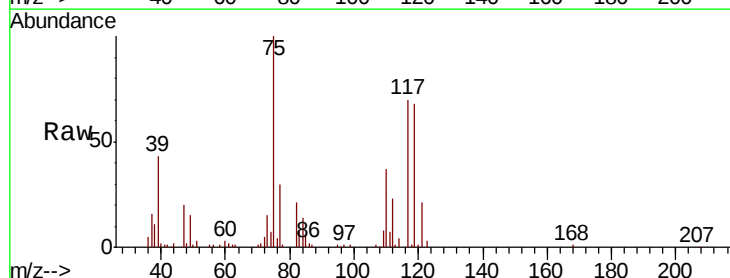
Tgt Ion: 75 Resp: 42888

Ion Ratio Lower Upper

75 100

110 37.0 19.3 57.9

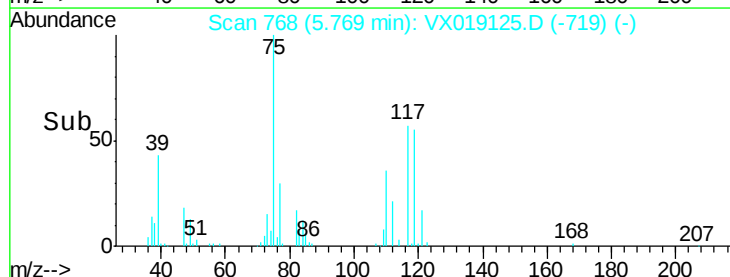
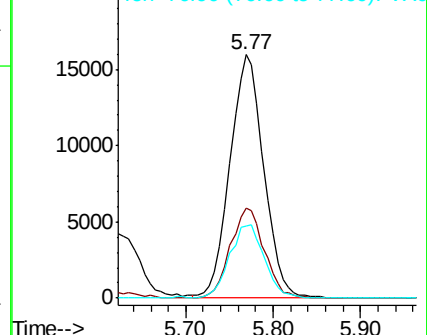
77 30.9 25.4 38.0

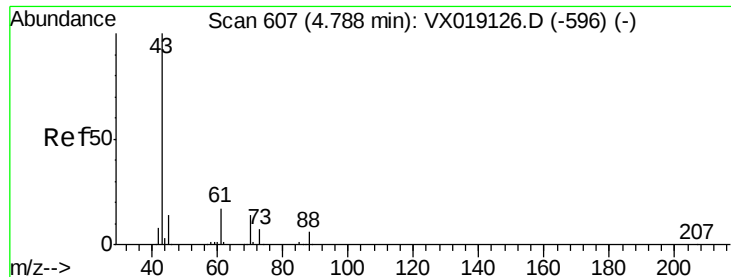


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

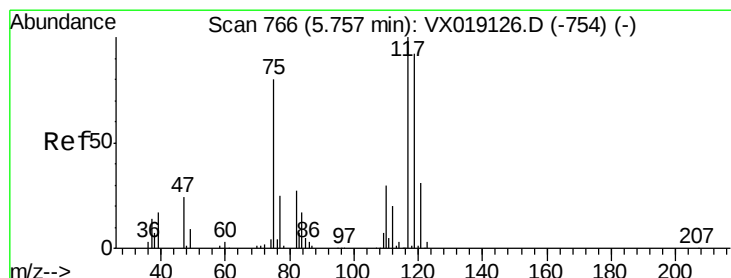
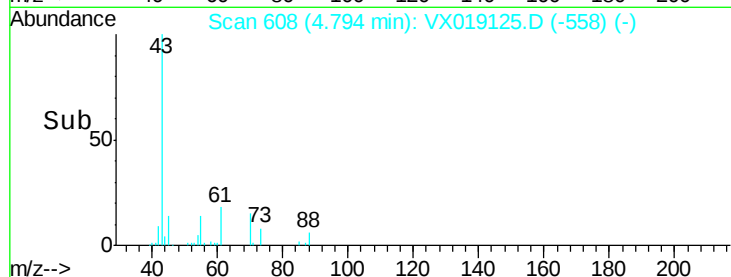
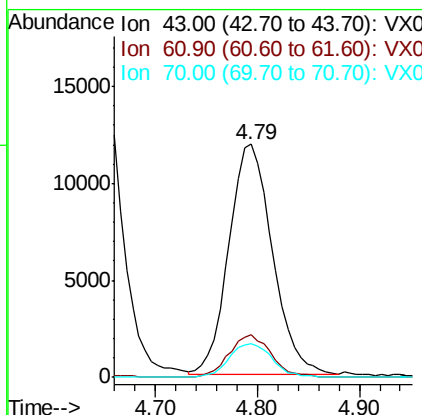
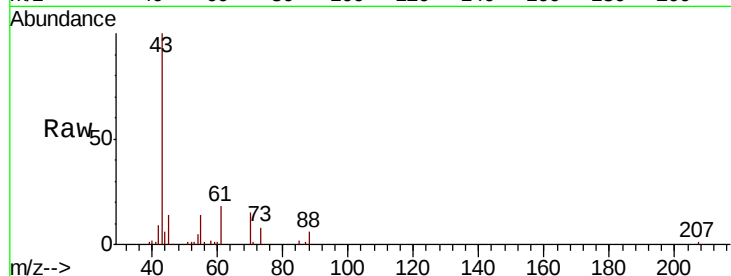




#37
Ethyl Acetate
Concen: 17.359 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

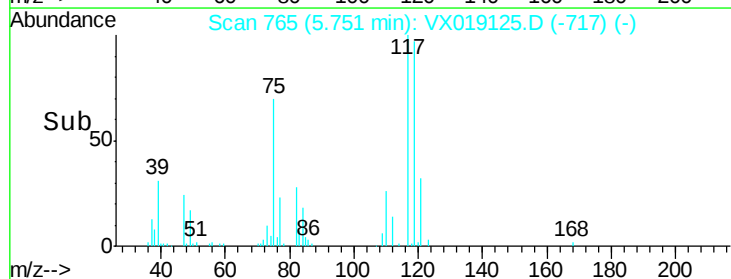
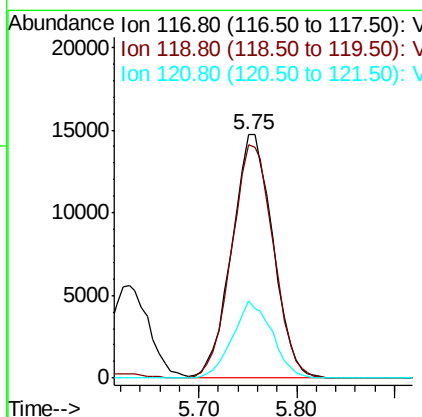
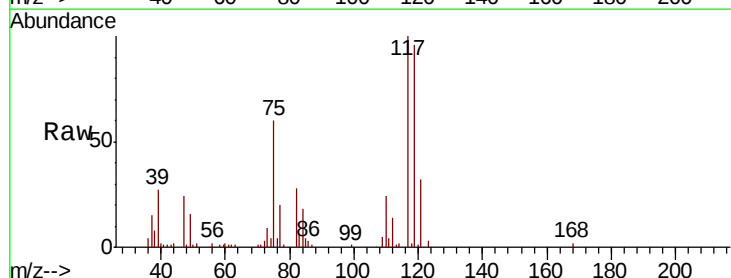
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

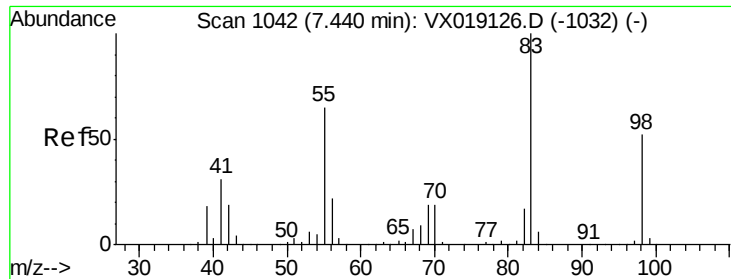
Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	13.6	20.4
70	14.5	11.0	16.6



#38
Carbon Tetrachloride
Concen: 18.205 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.5	110.3
121	31.9	24.3	36.5

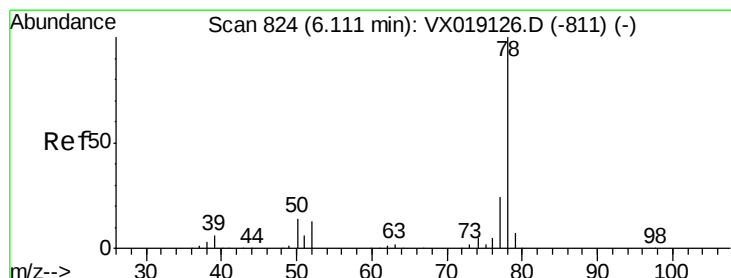
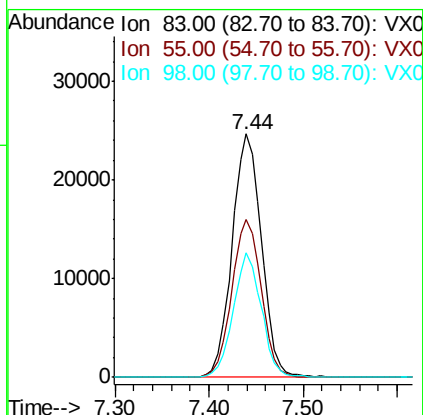
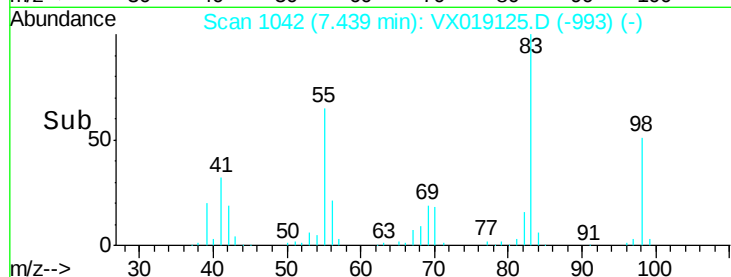
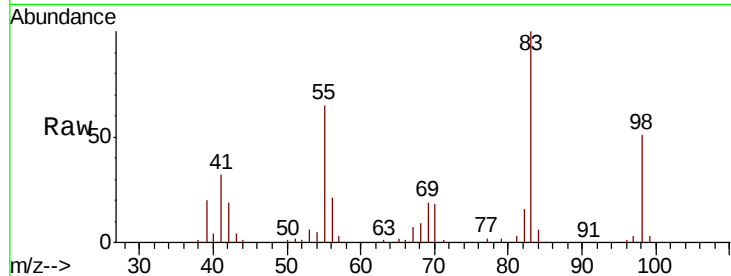




#39
Methvlcvclohexane
Concen: 18.851 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

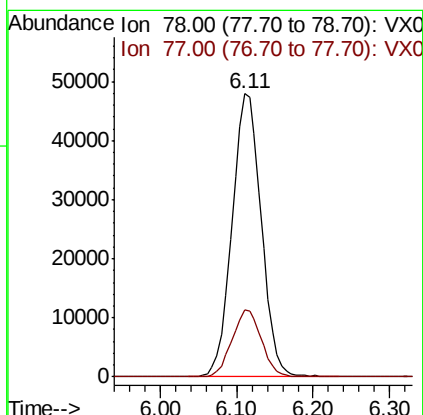
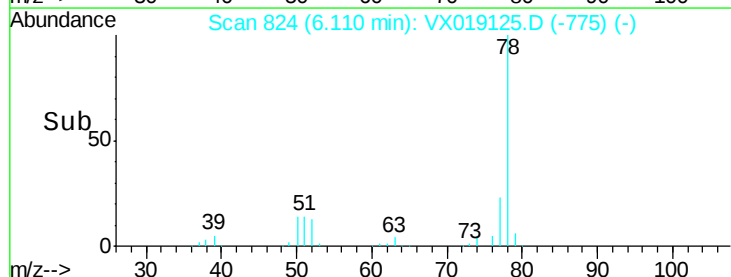
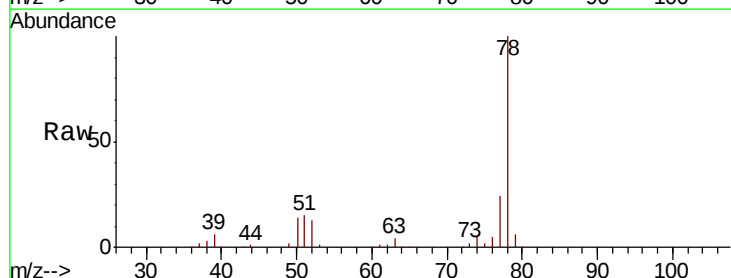
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

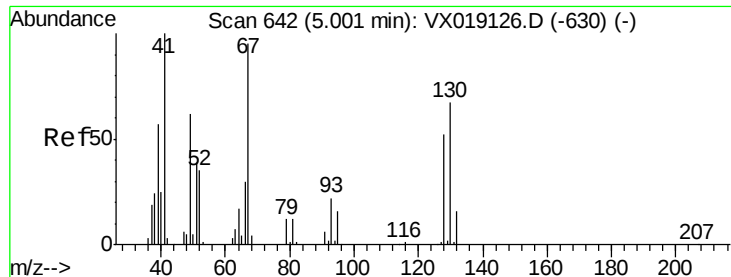
Tot Ion: 83 Resp: 53558
Ion Ratio Lower Upper
83 100
55 65.1 51.7 77.5
98 51.2 41.9 62.9



#40
Benzene
Concen: 18.412 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 78 Resp: 126462
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

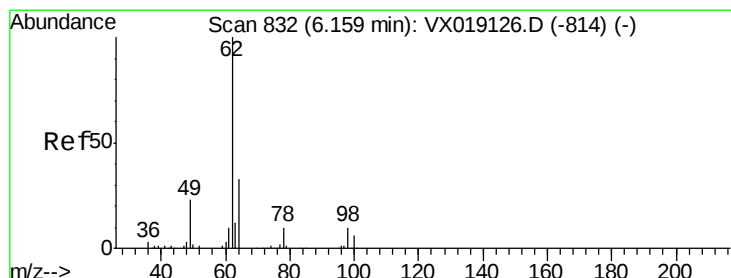
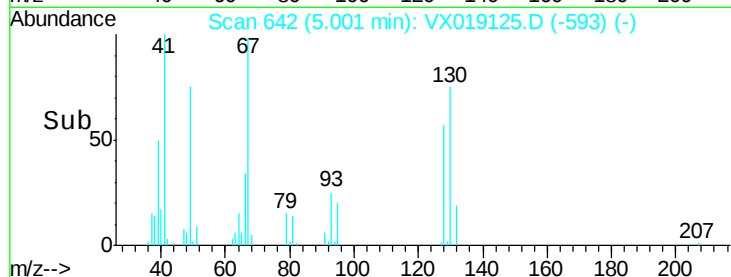
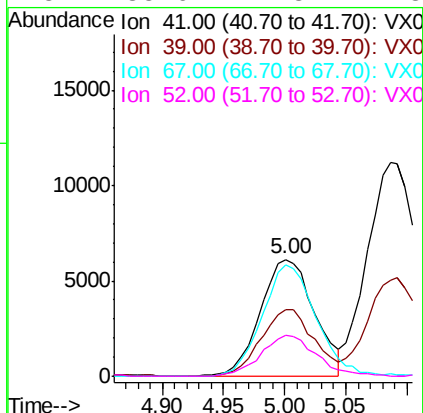
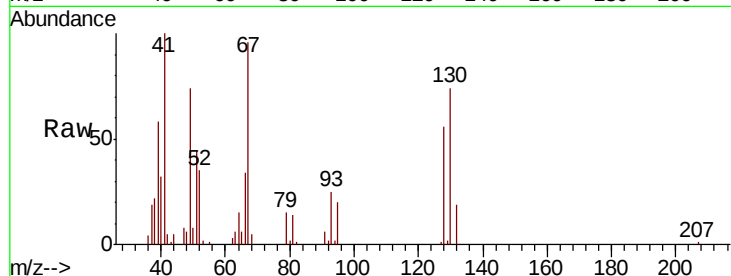




#41
Methacrylonitrile
Concen: 18.287 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

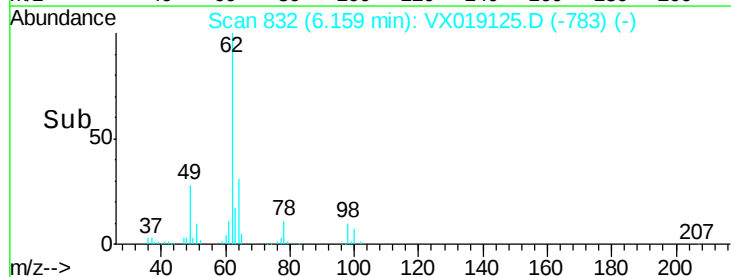
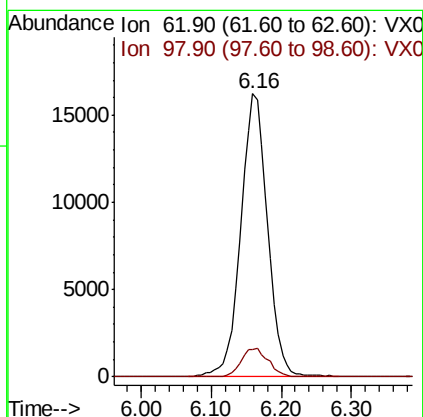
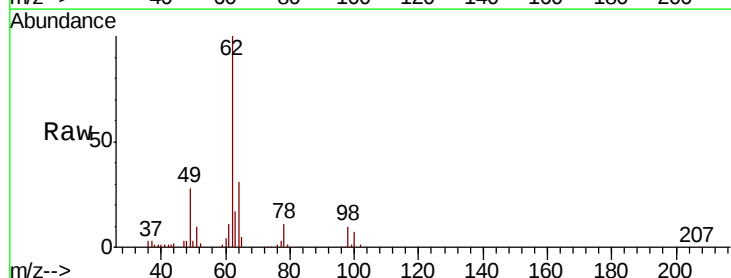
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

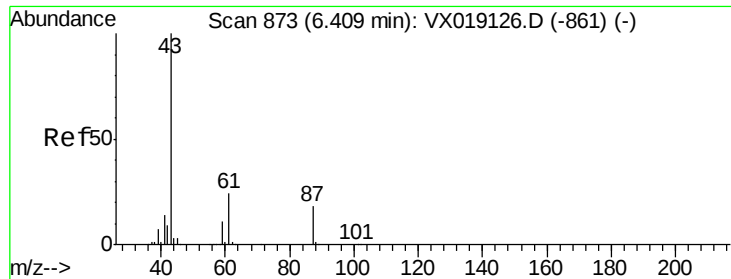
Tot Ion:	41	Resp:	18891
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.7	67.1
67	95.6	75.3	112.9
52	35.6	27.8	41.8



#42
1,2-Dichloroethane
Concen: 18.602 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	62	Resp:	43025
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0



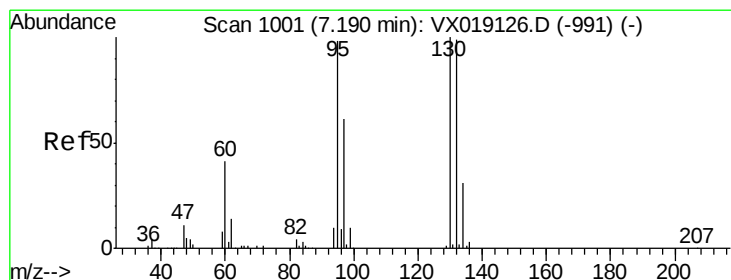
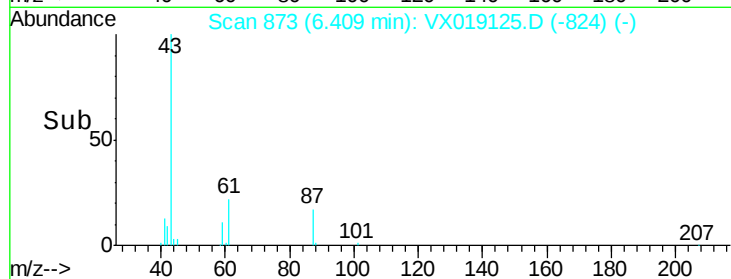
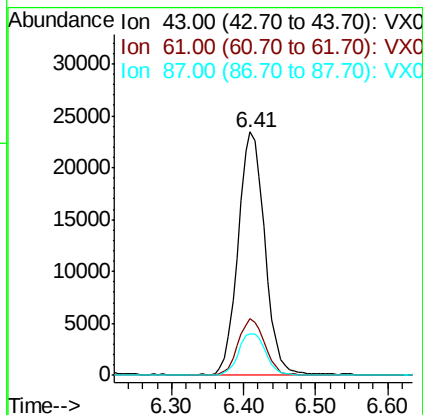
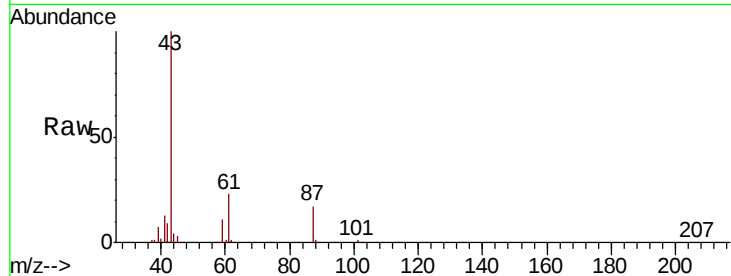


#43

Isopropyl Acetate
 Concen: 18.439 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

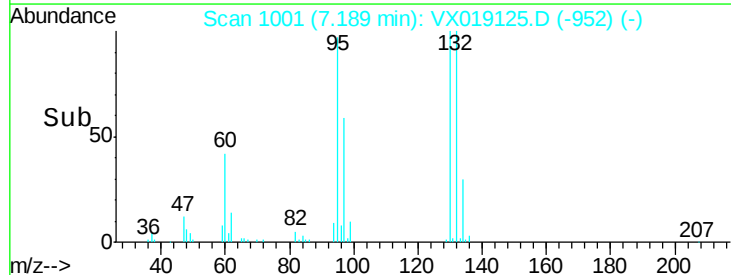
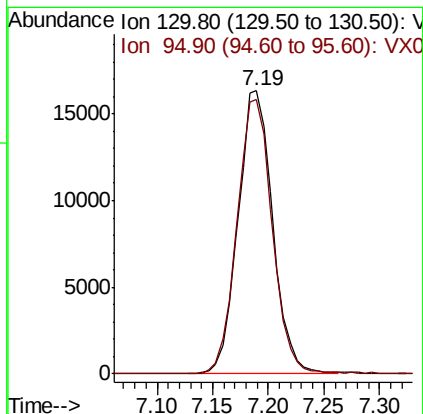
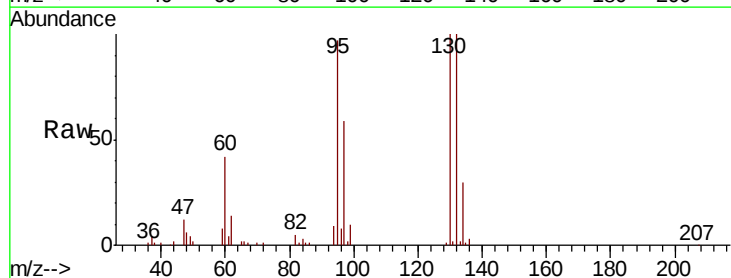
Tot Ion	43	Resp	60589
Ion Ratio	Lower	Upper	
43	100		
61	23.3	19.0	28.4
87	17.3	14.3	21.5

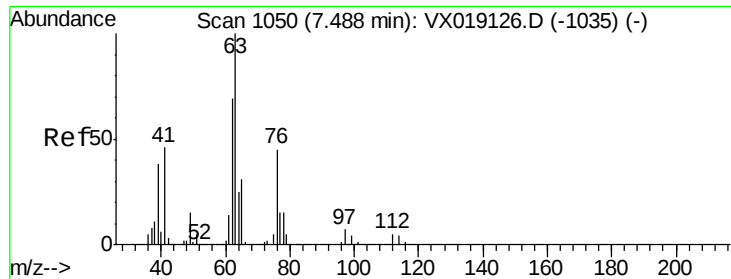


#44

Trichloroethene
 Concen: 18.040 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	130	Resp	35399
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	195.6





#45

1,2-Dichloropropane

Concen: 18.712 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

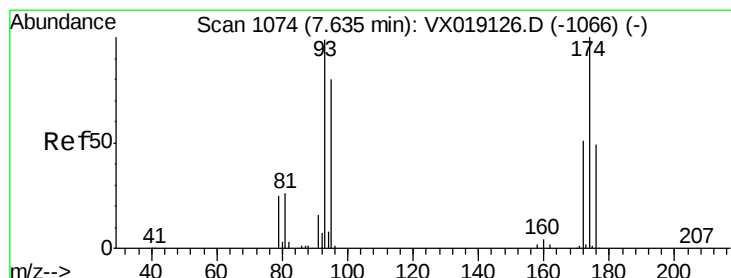
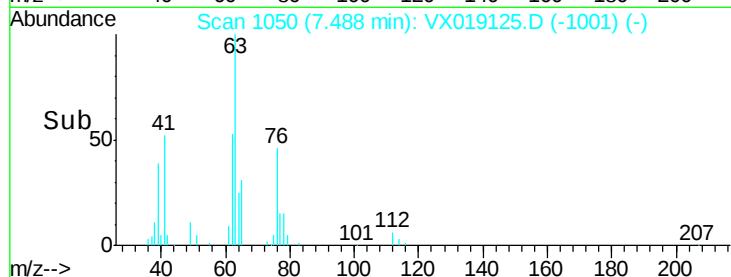
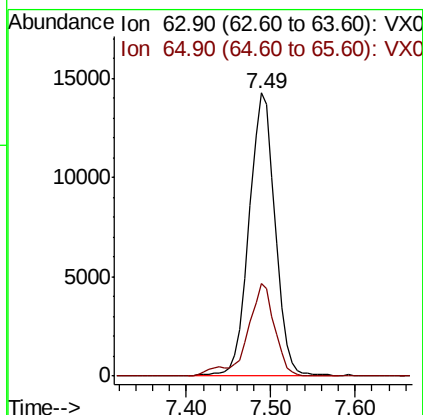
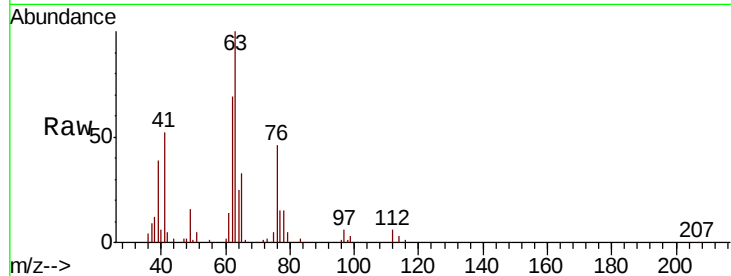
VSTDIC020

Tot Ion: 63 Resp: 29780

Ion Ratio Lower Upper

63 100

65 32.9 25.0 37.4



#46

Dibromomethane

Concen: 18.661 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

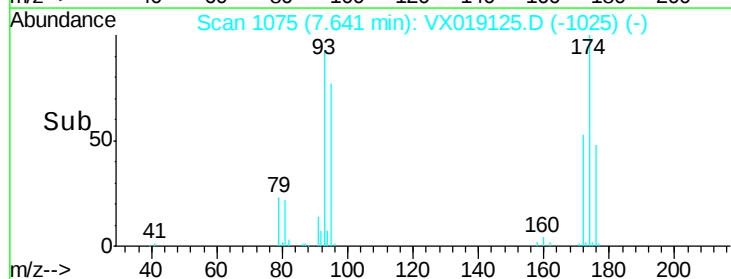
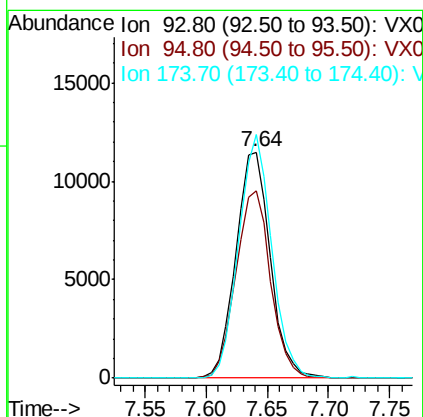
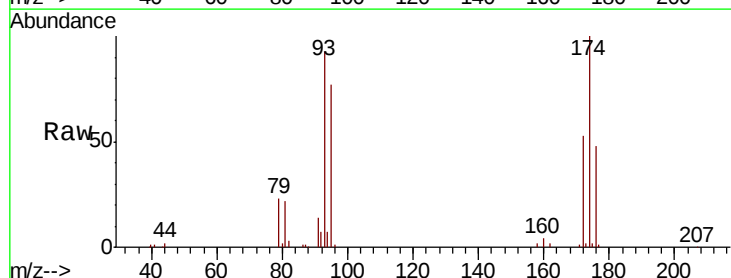
Tgt Ion: 93 Resp: 22412

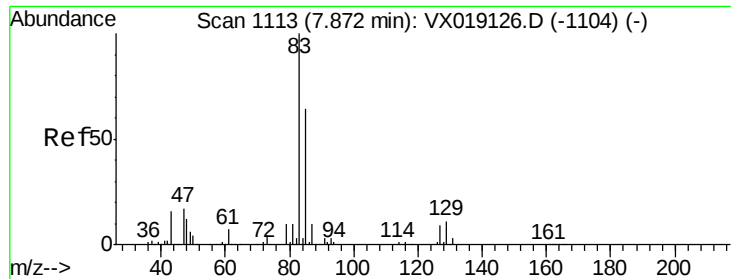
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 103.5 84.5 126.7





#47

Bromodichloromethane

Concen: 18.820 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

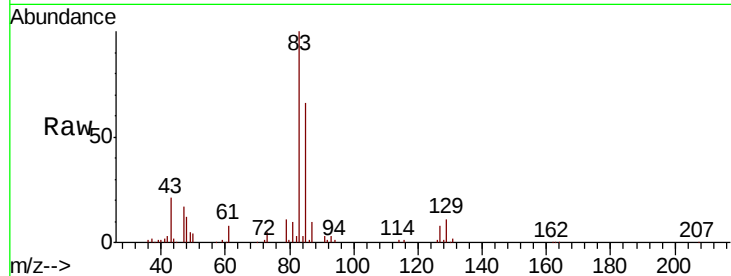
Tot Ion: 83 Resp: 43248

Ion Ratio Lower Upper

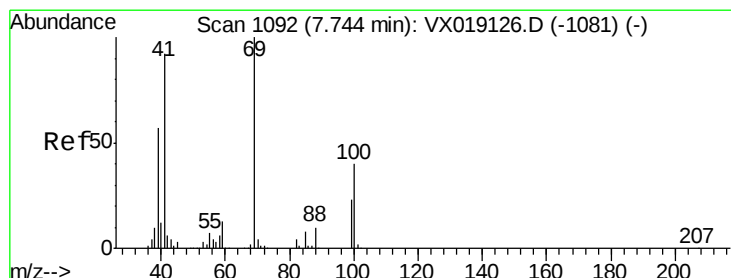
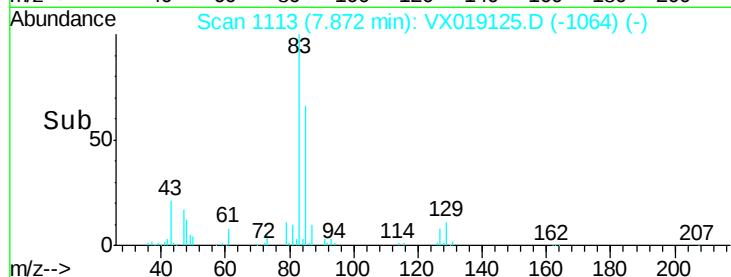
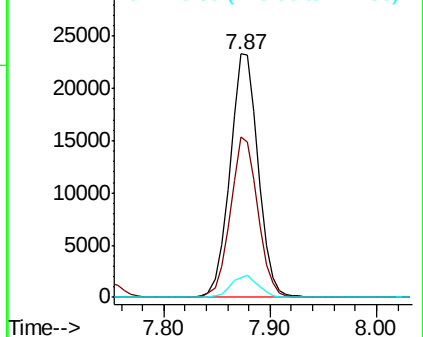
83 100

85 66.1 51.2 76.8

127 7.9 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



#48

Methyl methacrylate

Concen: 18.725 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

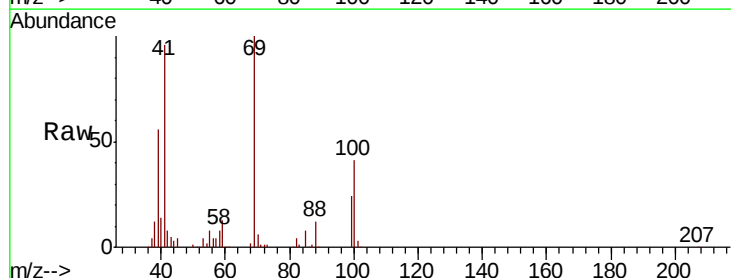
Tgt Ion: 41 Resp: 28559

Ion Ratio Lower Upper

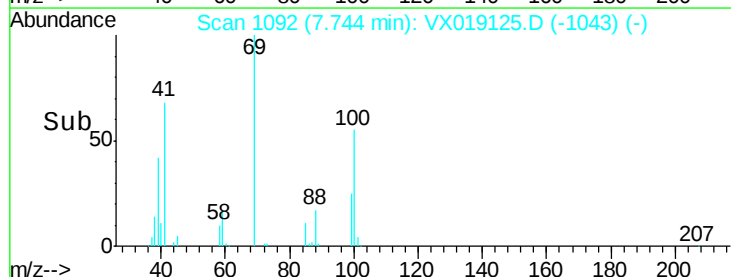
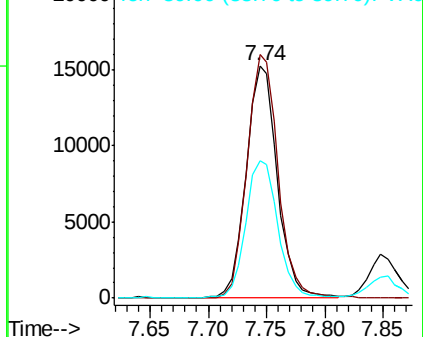
41 100

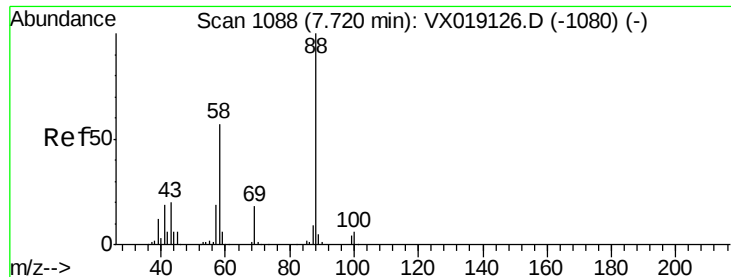
69 104.4 86.3 129.5

39 61.2 49.7 74.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

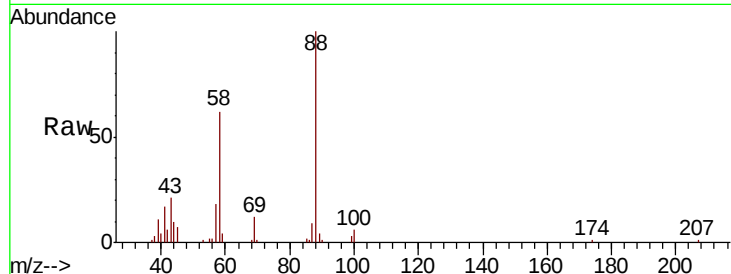




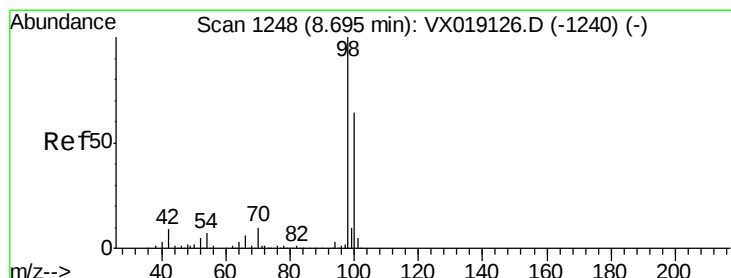
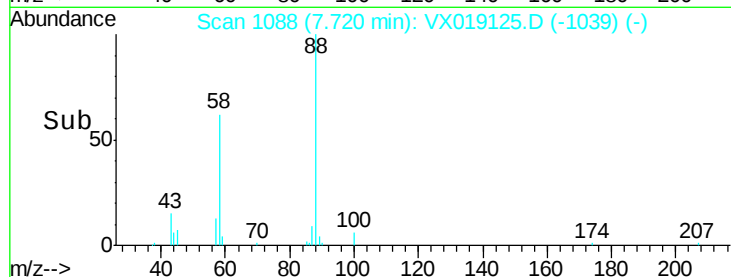
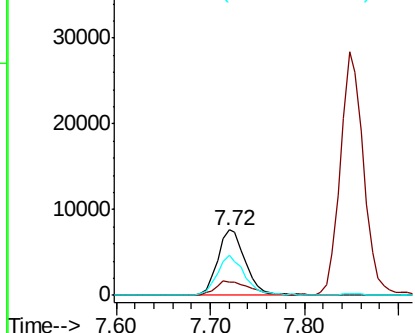
#49
1,4-Dioxane
Concen: 387.700 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 15727
Ion Ratio Lower Upper
88 100
43 27.6 19.7 29.5
58 60.1 47.8 71.6

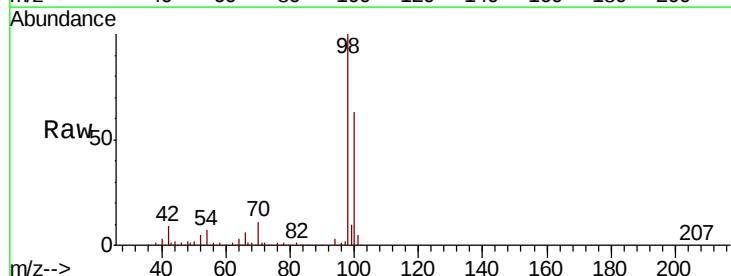


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

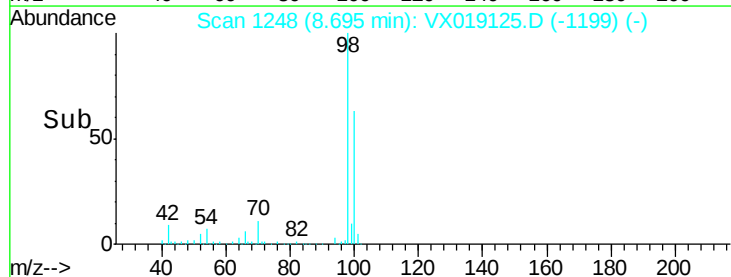
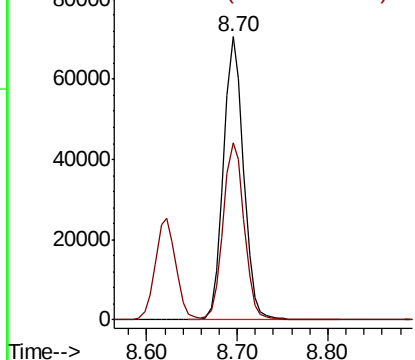


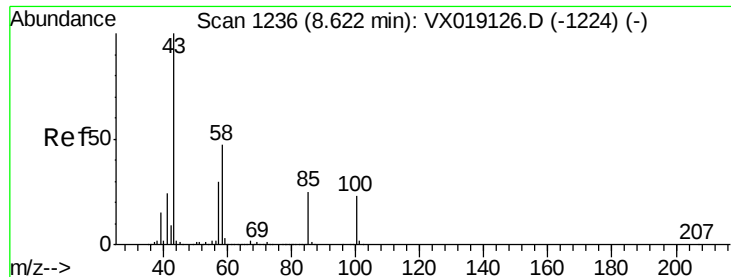
#50
Toluene-d8
Concen: 14.922 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 98 Resp: 109339
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

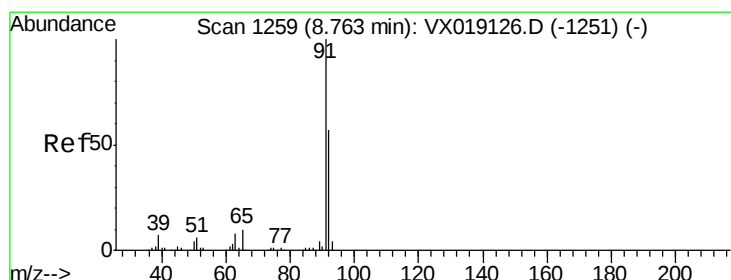
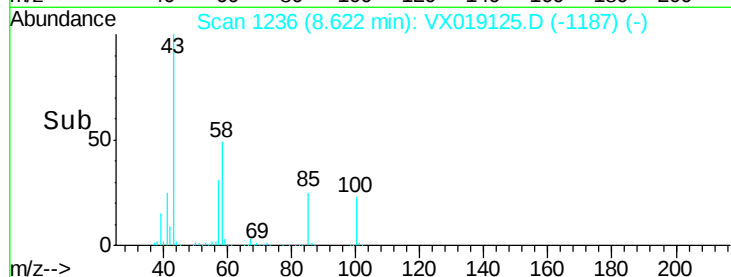
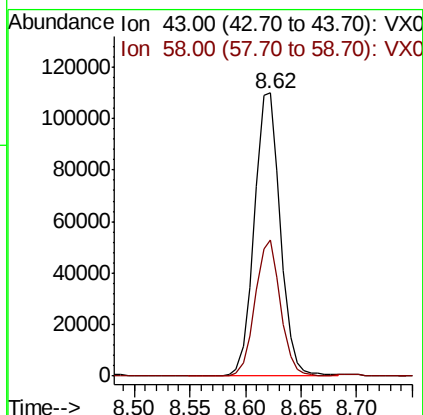
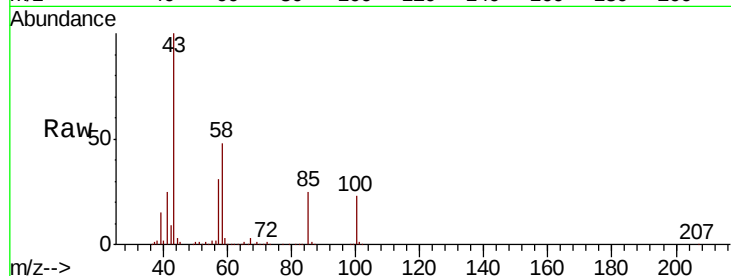




#51
4-Methyl-2-Pentanone
Concen: 94.628 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

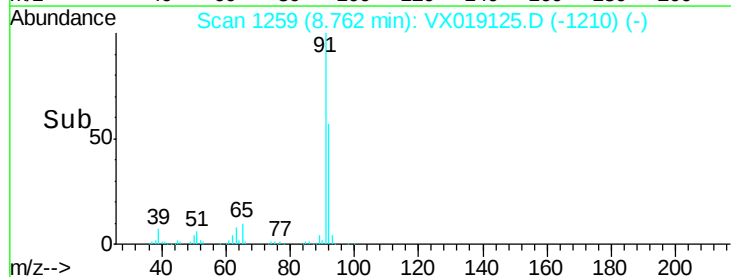
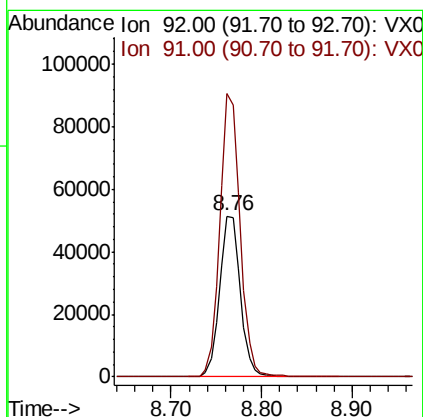
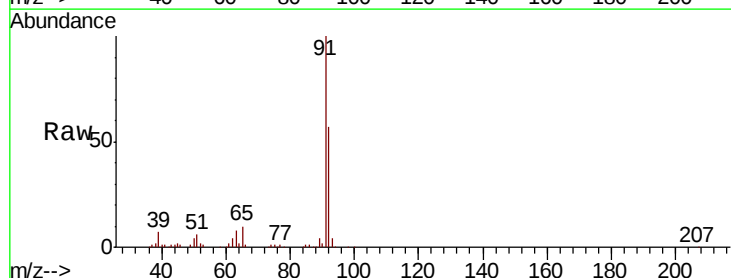
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

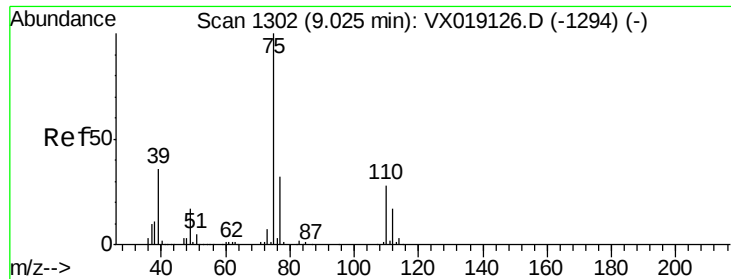
Tot Ion: 43 Resp: 179448
Ion Ratio Lower Upper
43 100
58 46.7 37.3 55.9



#52
Toluene
Concen: 18.673 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 92 Resp: 81850
Ion Ratio Lower Upper
92 100
91 172.2 138.4 207.6

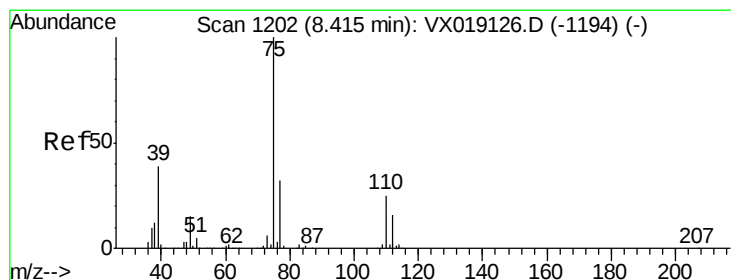
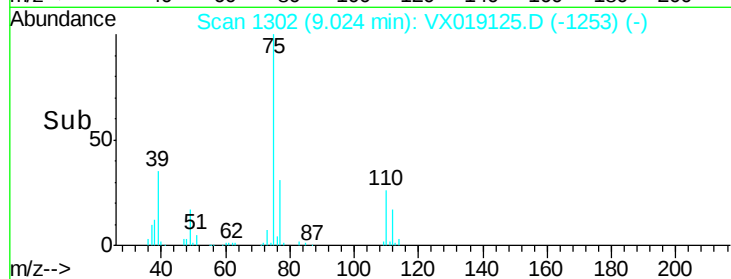
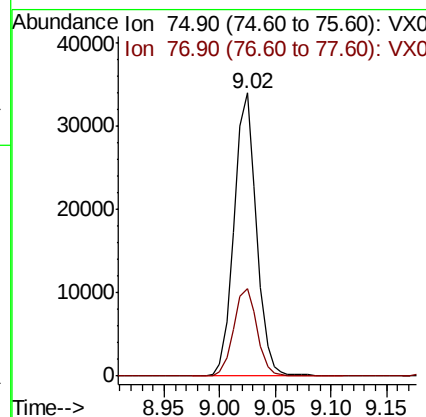
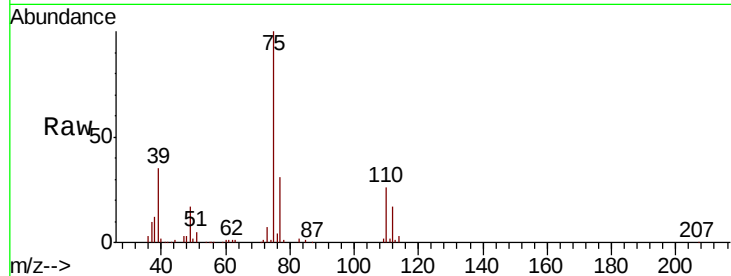




#53
t-1,3-Dichloropropene
Concen: 18.819 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

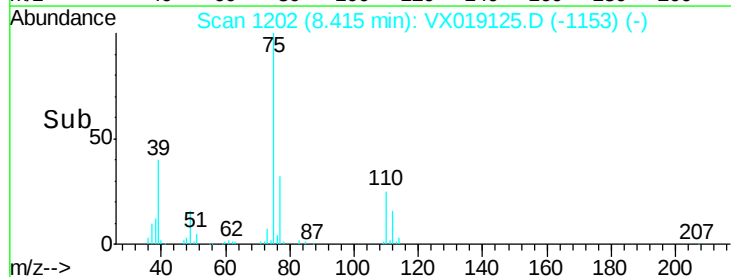
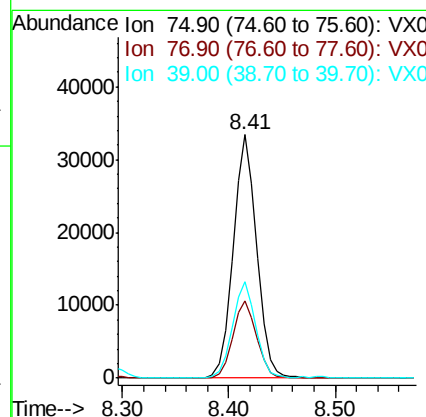
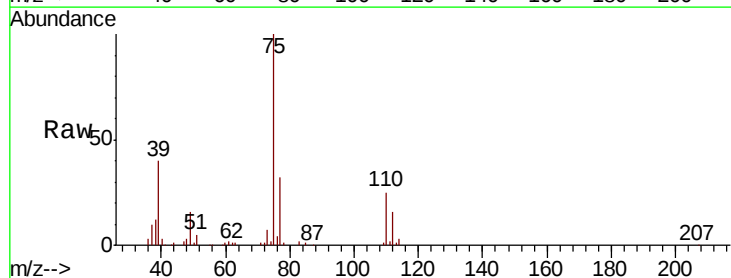
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

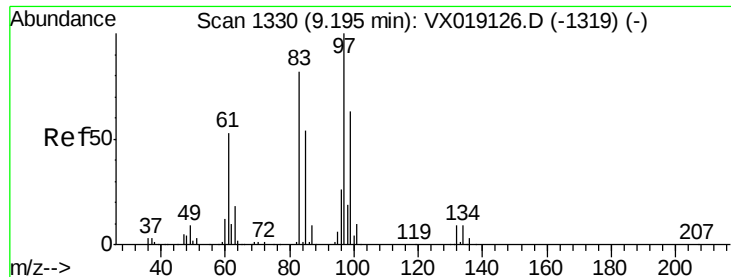
Tot Ion: 75 Resp: 47306
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.067 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 75 Resp: 51581
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 39.6 31.0 46.6

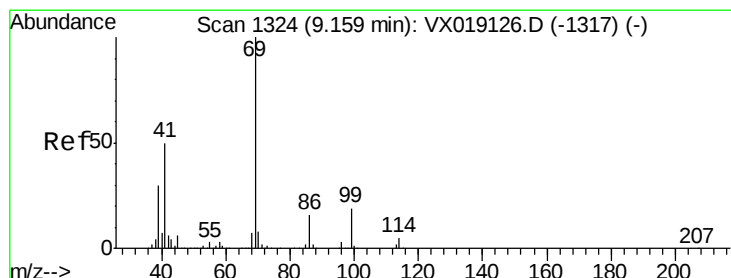
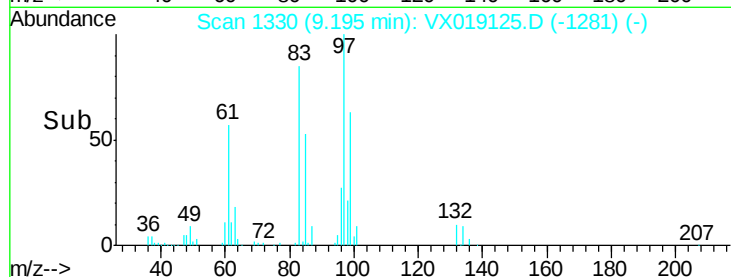
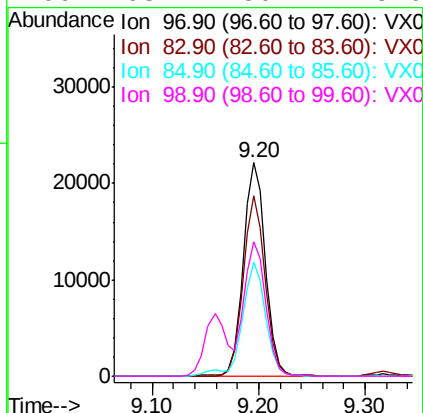
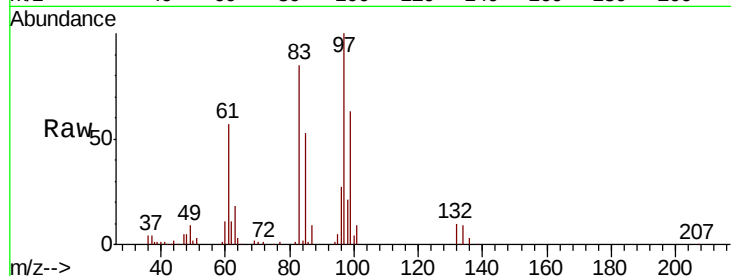




#55
 1,1,2-Trichloroethane
 Concen: 18.559 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

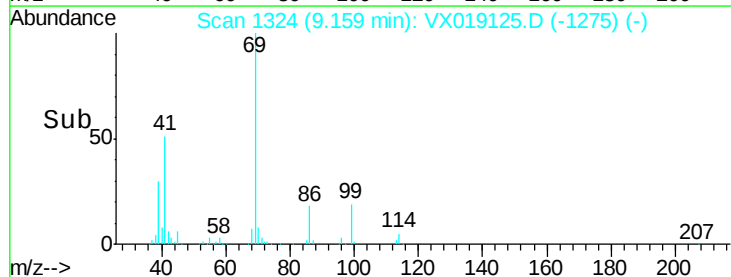
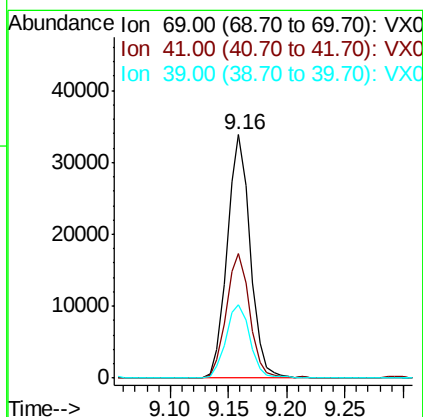
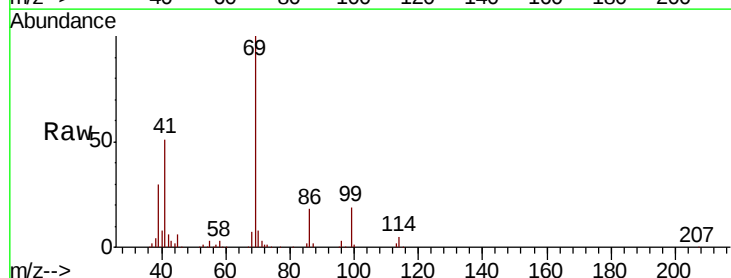
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

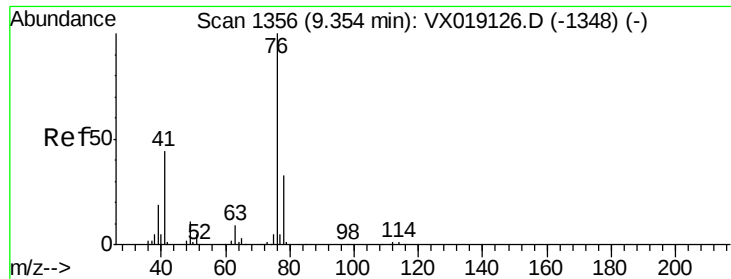
Tot Ion:	97	Resp:	32354
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.6	98.4
85	53.2	43.4	65.2
99	63.1	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 19.060 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion:	69	Resp:	46487
Ion	Ratio	Lower	Upper
69	100		
41	52.7	40.3	60.5
39	32.2	24.6	37.0

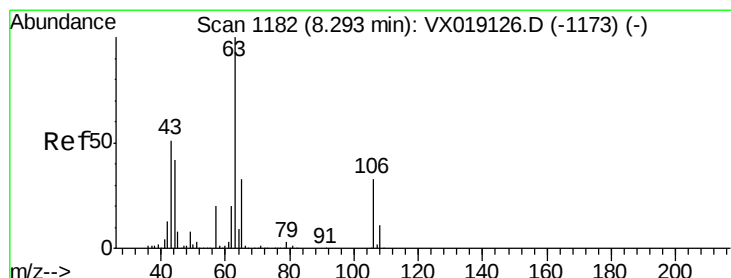
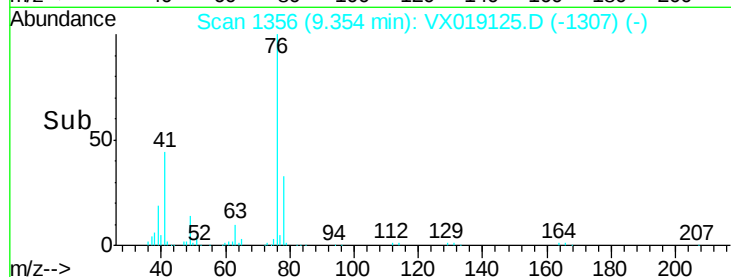
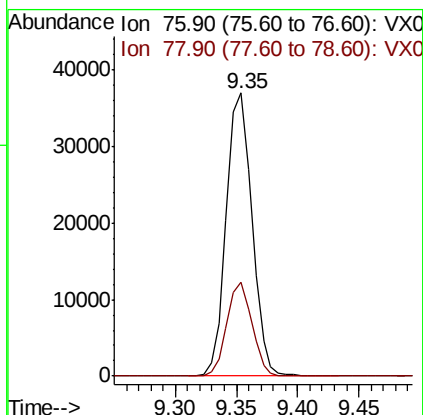
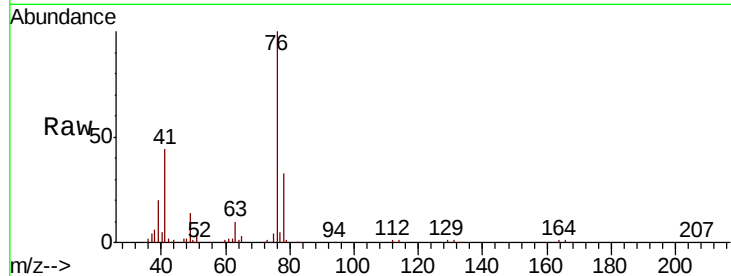




#57
 1,3-Dichloropropane
 Concen: 18.861 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

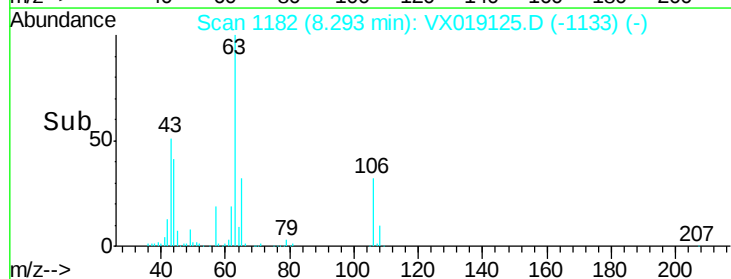
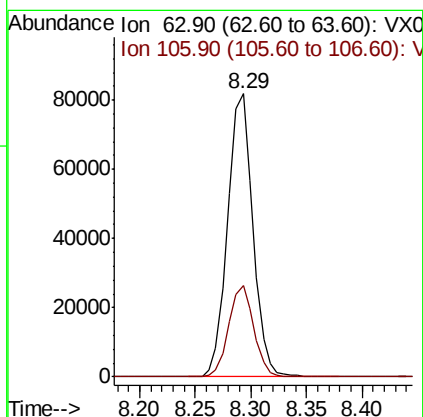
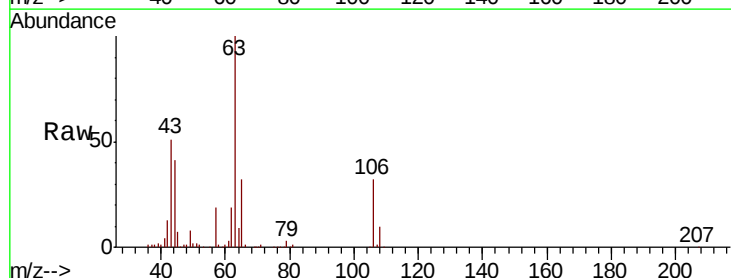
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

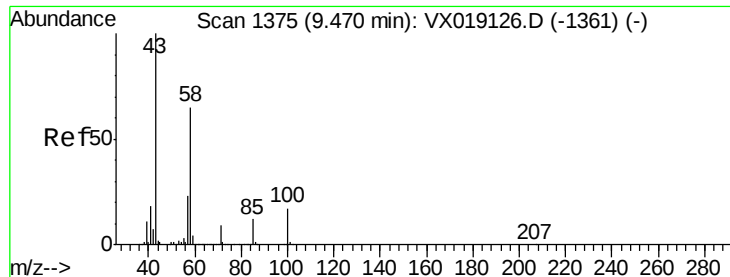
Tot Ion: 76 Resp: 54146
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.515 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion: 63 Resp: 128765
 Ion Ratio Lower Upper
 63 100
 106 31.9 26.2 39.4

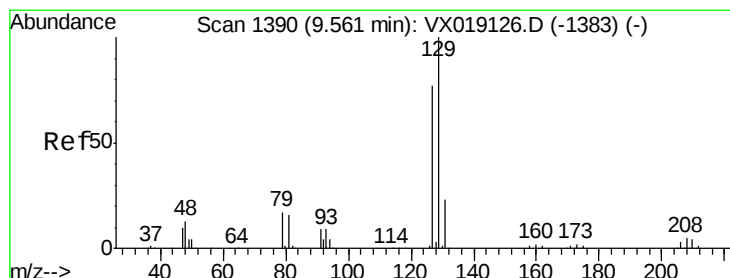
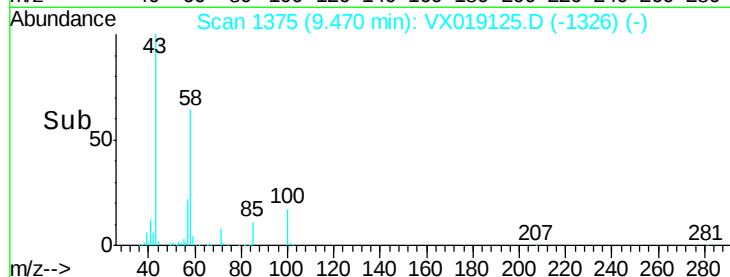
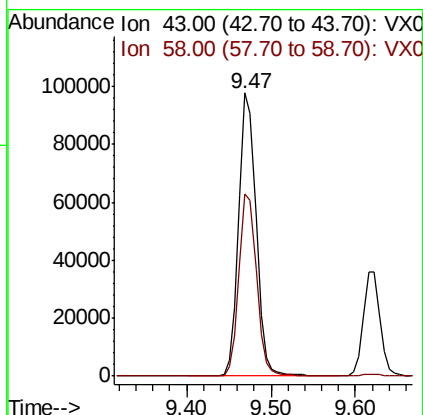
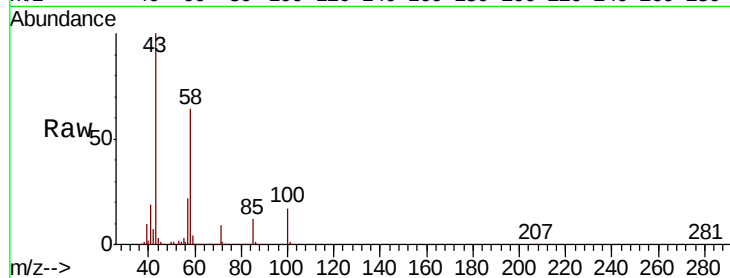




#59
2-Hexanone
Concen: 95.393 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

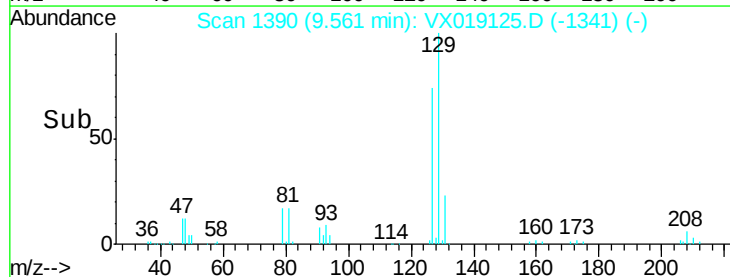
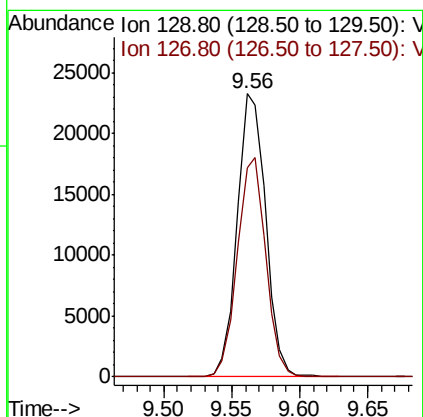
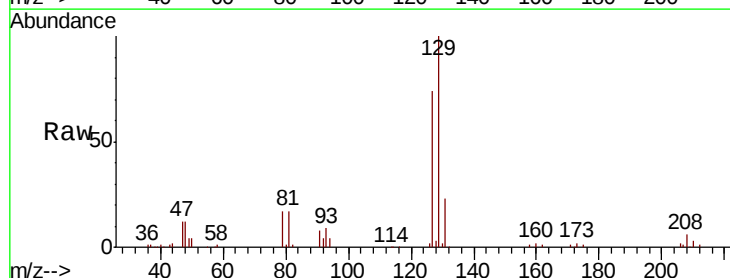
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

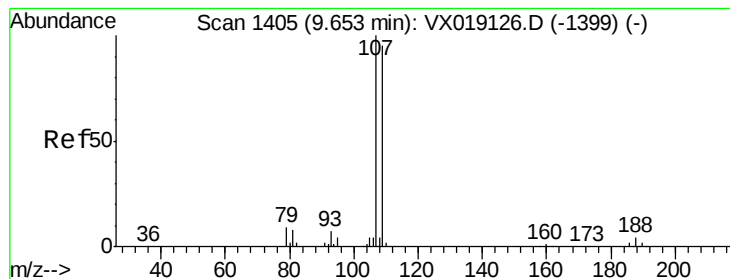
Tot Ion: 43 Resp: 136181
Ion Ratio Lower Upper
43 100
58 65.0 33.1 99.3



#60
Dibromochloromethane
Concen: 19.214 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 129 Resp: 34057
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampled :

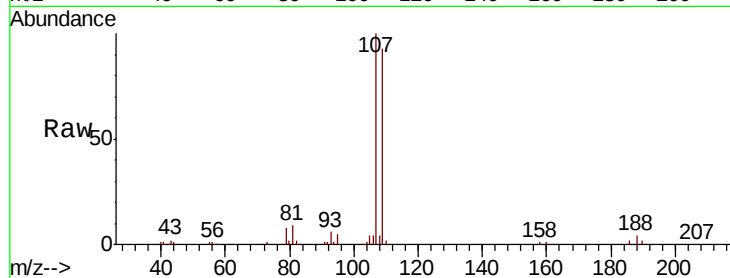
VSTDIC020

Tot Ion:107 Resp: 34939

Ion Ratio Lower Upper

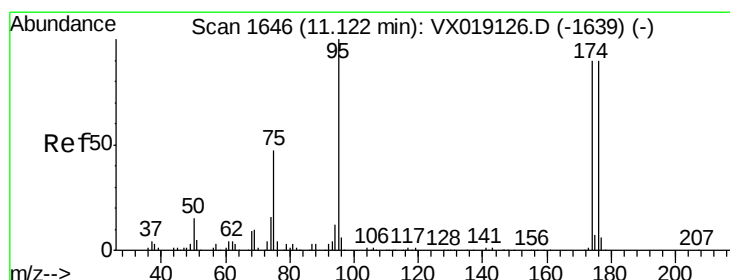
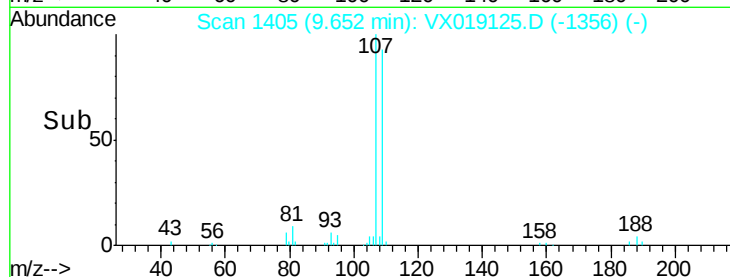
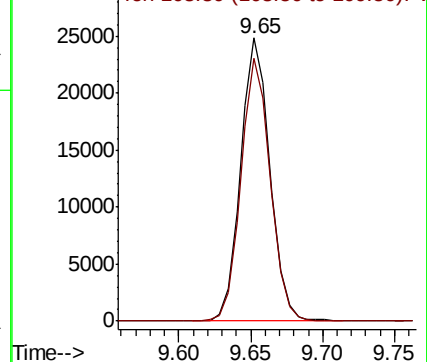
107 100

109 93.1 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: 15.108 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

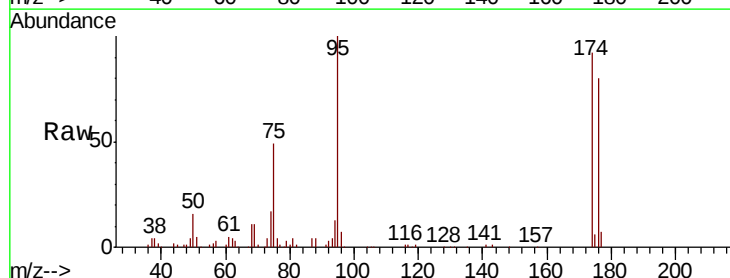
Tgt Ion: 95 Resp: 37182

Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.6

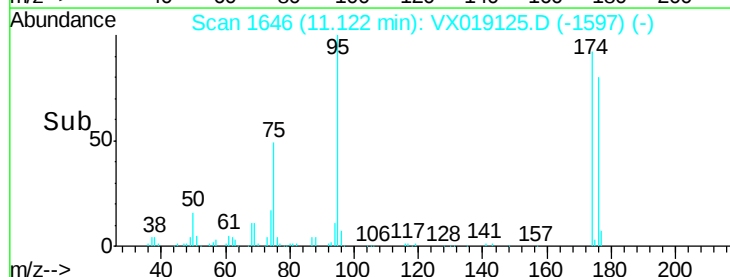
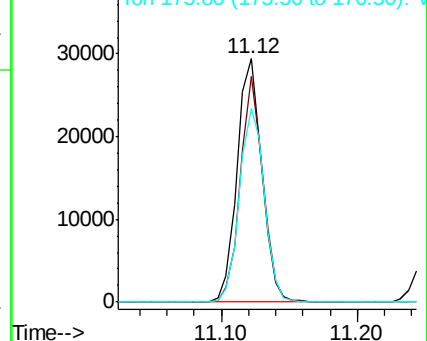
176 80.3 0.0 169.2

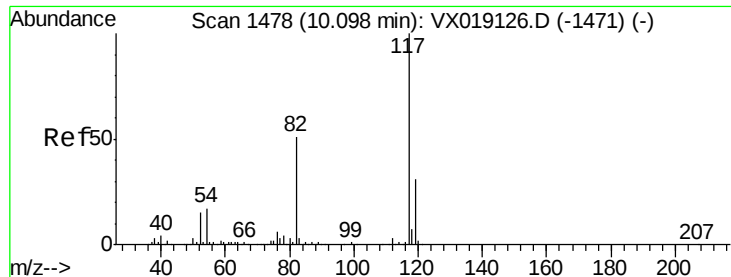


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

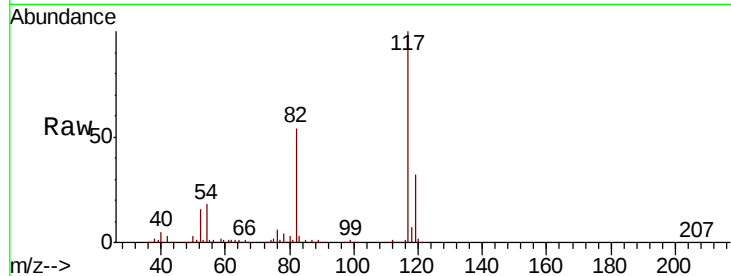




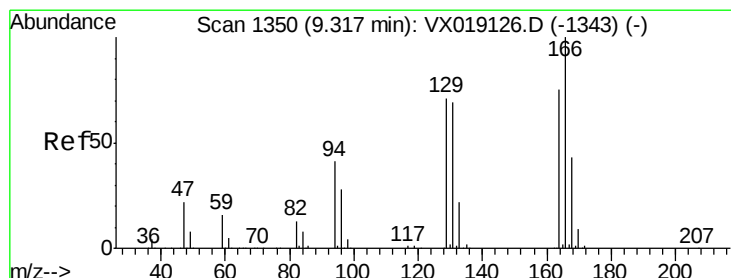
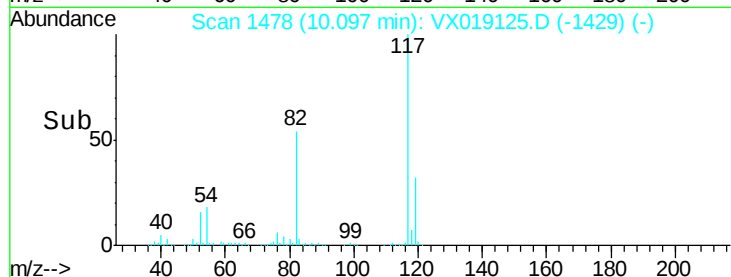
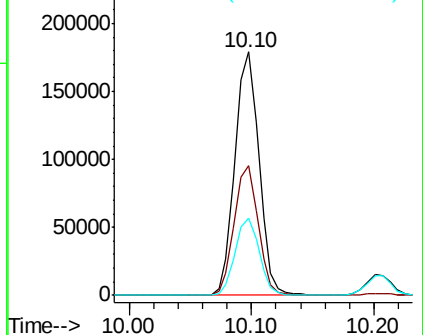
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 243094
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 31.5 24.7 37.1

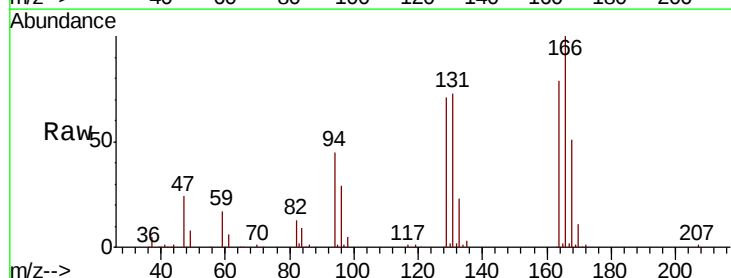


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

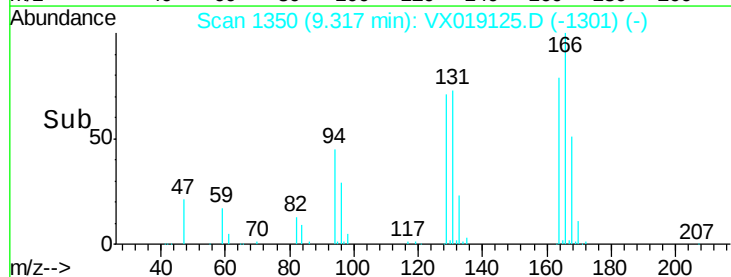
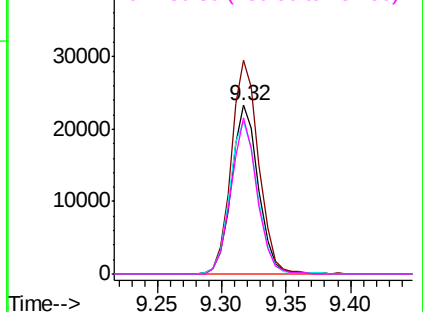


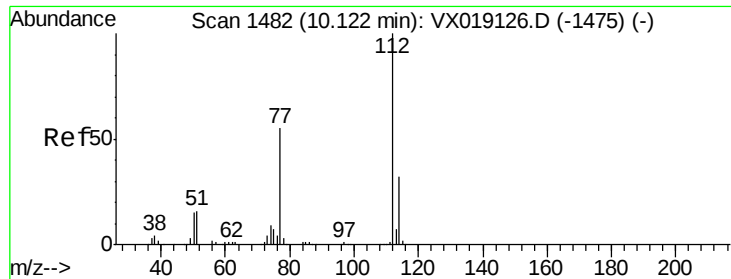
#64
Tetrachloroethene
Concen: 18.176 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:164 Resp: 34033
Ion Ratio Lower Upper
164 100
166 126.6 106.4 159.6
129 90.2 75.9 113.9
131 92.9 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

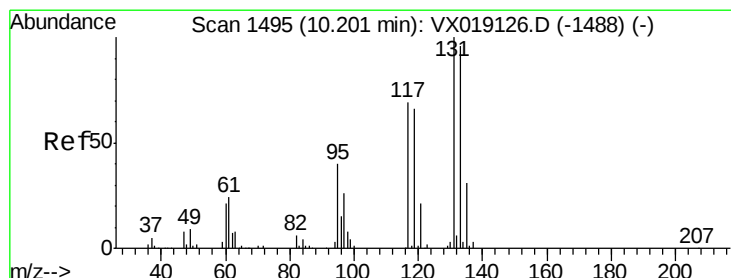
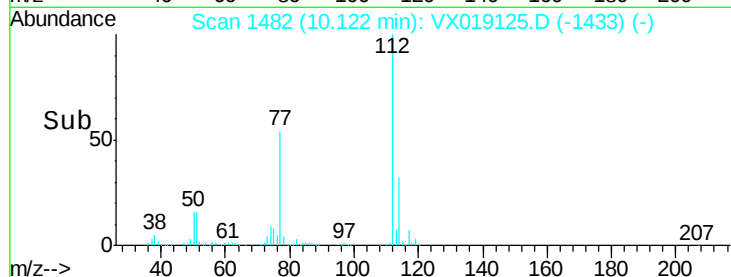
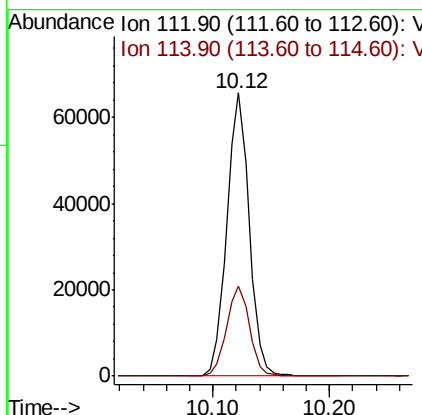
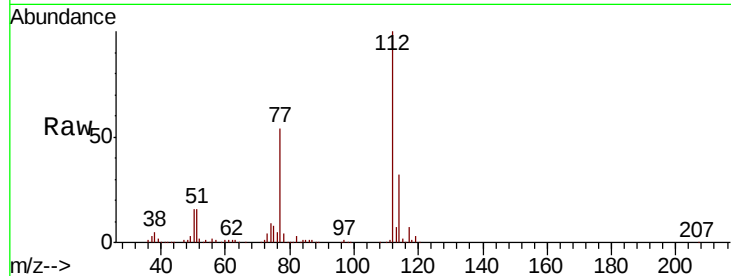




#65
Chlorobenzene
Concen: 18.645 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

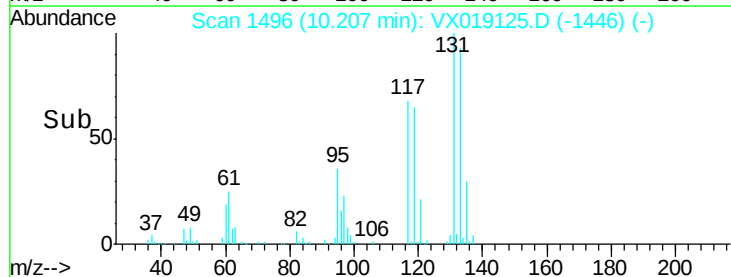
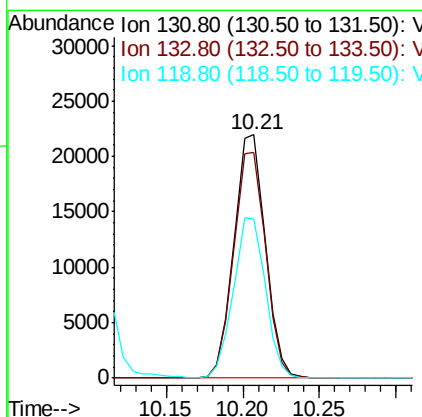
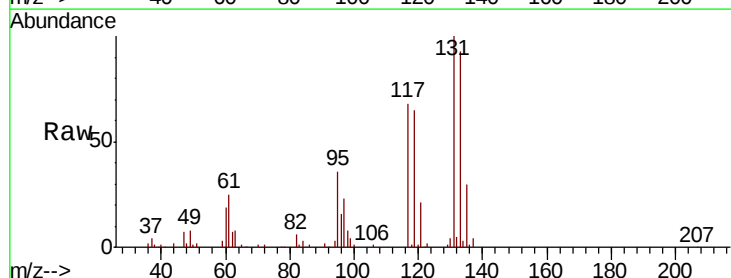
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

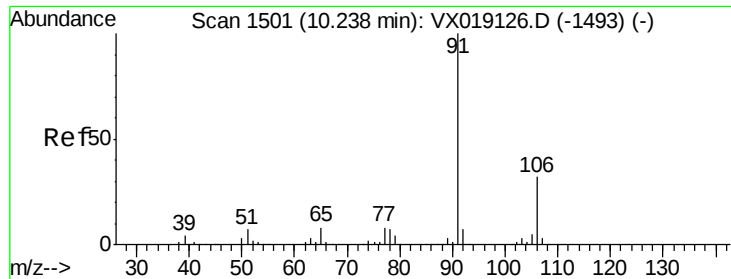
Tot Ion:112 Resp: 87563
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.971 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:131 Resp: 31408
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 18.637 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

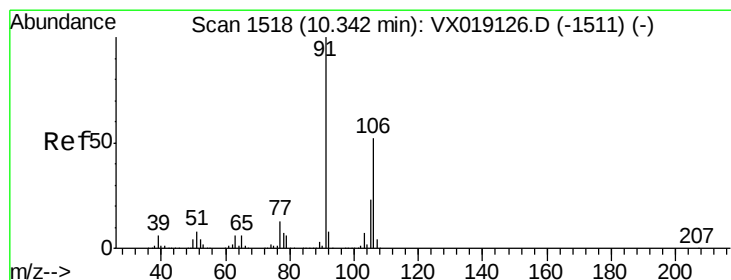
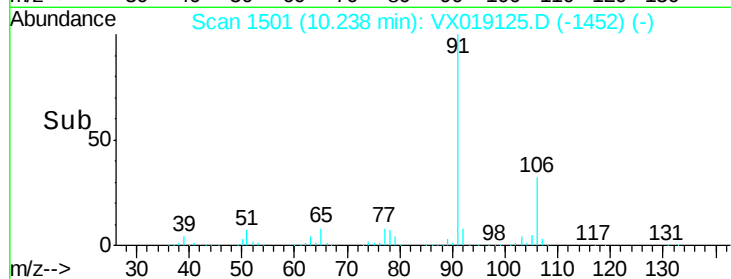
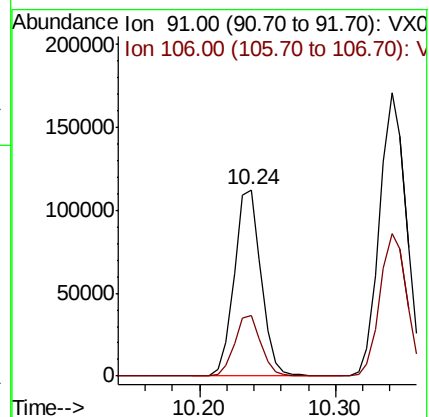
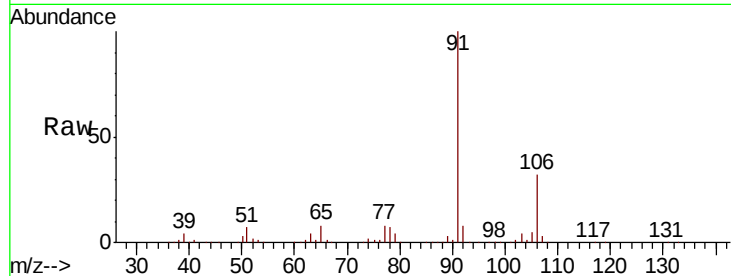
VSTDIC020

Tot Ion: 91 Resp: 153822

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



#68

m/p-Xylenes

Concen: 37.735 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019125.D

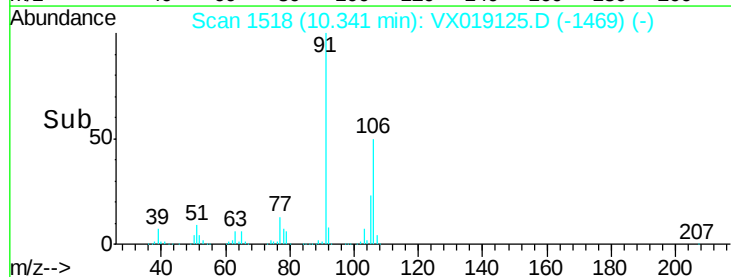
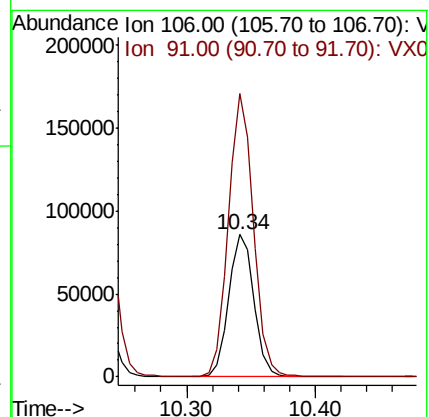
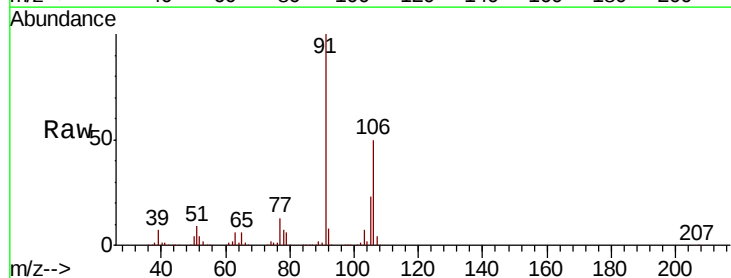
Acq: 26 Oct 2020 18:09

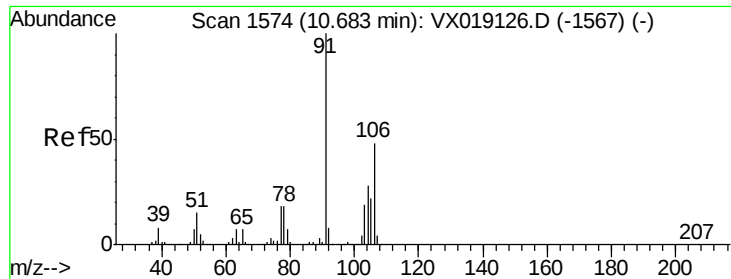
Tgt Ion: 106 Resp: 118807

Ion Ratio Lower Upper

106 100

91 197.5 157.4 236.0

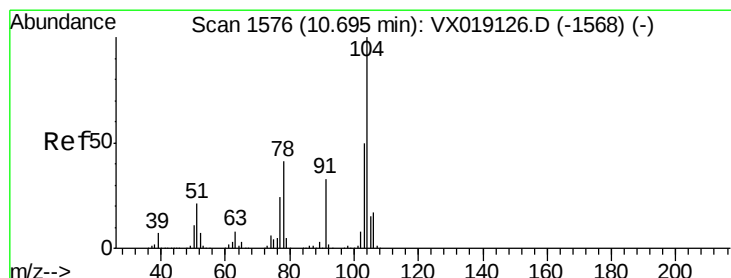
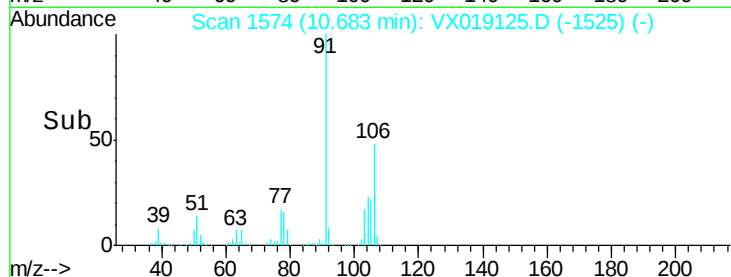
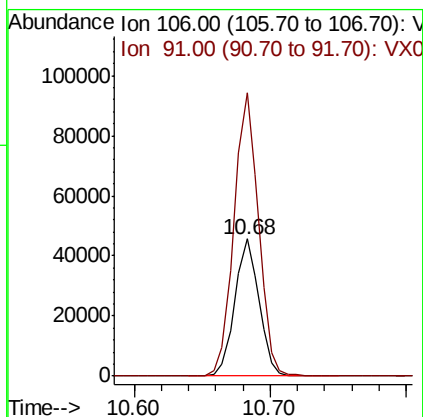
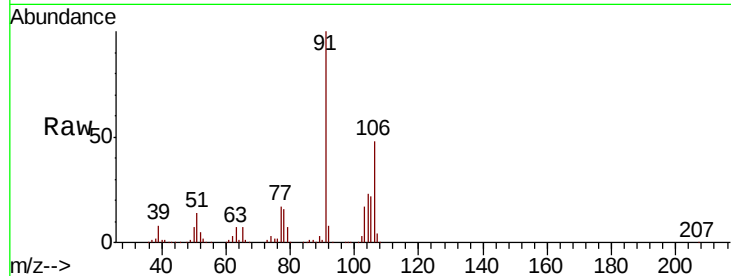




#69
o-Xylene
Concen: 18.936 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

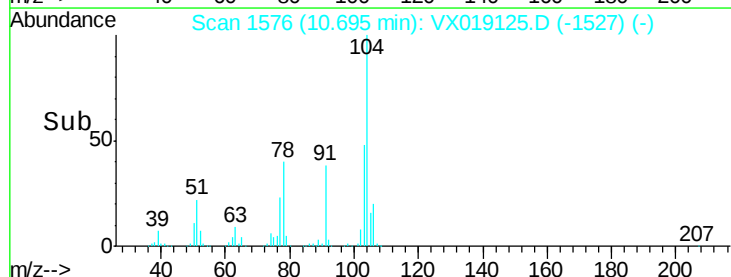
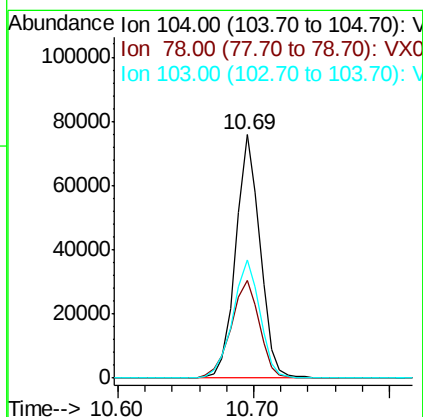
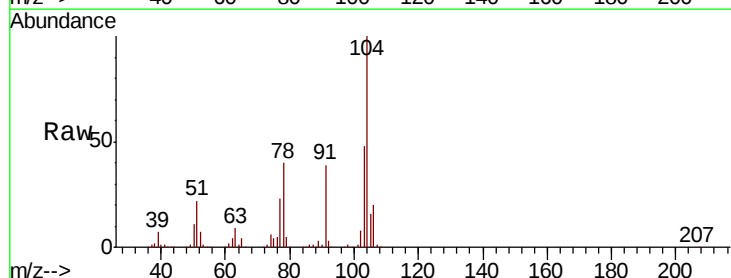
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

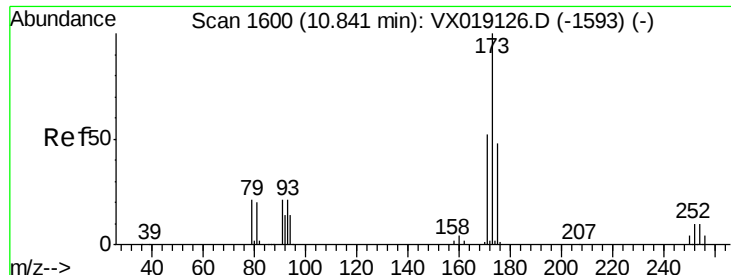
Tot Ion:106 Resp: 56768
Ion Ratio Lower Upper
106 100
91 208.8 104.5 313.3



#70
Styrene
Concen: 19.206 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:104 Resp: 94424
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.136 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

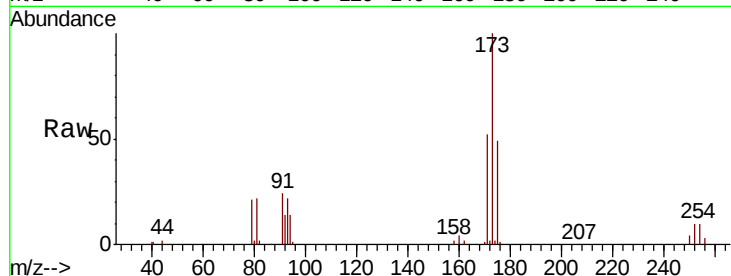
Tot Ion:173 Resp: 23549

Ion Ratio Lower Upper

173 100

175 46.8 24.1 72.3

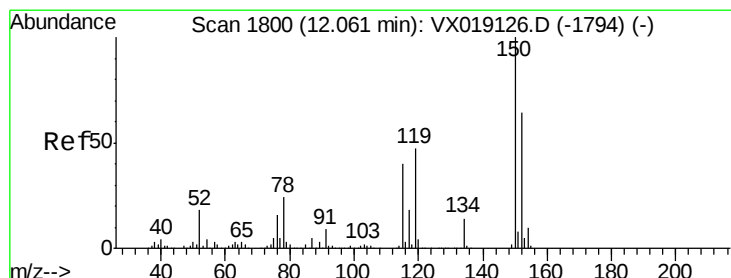
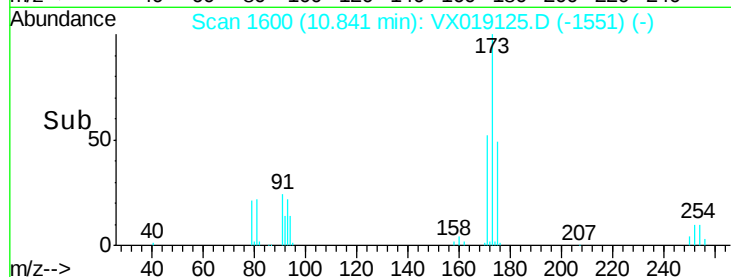
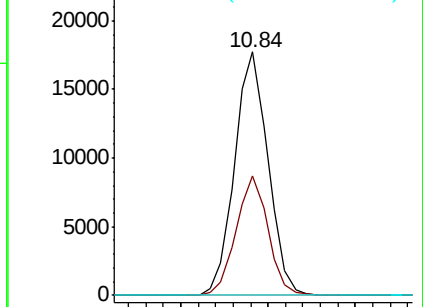
254 0.0 0.1 0.1#



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: VX019125.D

Acq: 26 Oct 2020 18:09

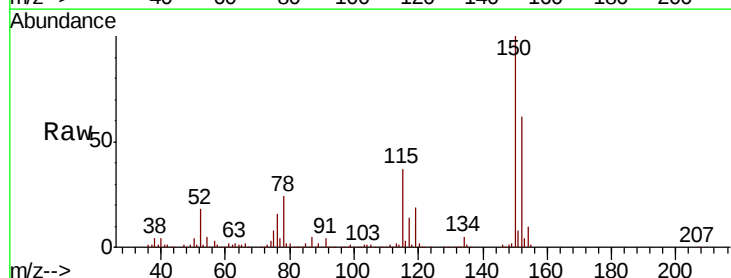
Tgt Ion:152 Resp: 122092

Ion Ratio Lower Upper

152 100

115 65.9 40.8 122.2

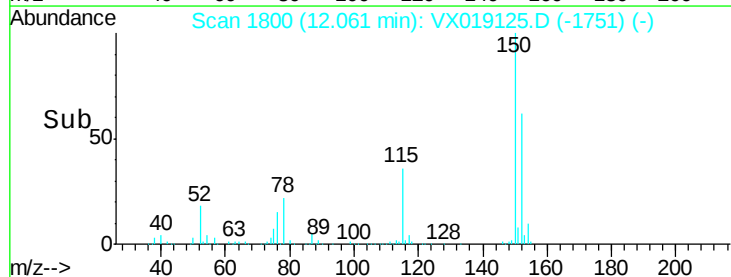
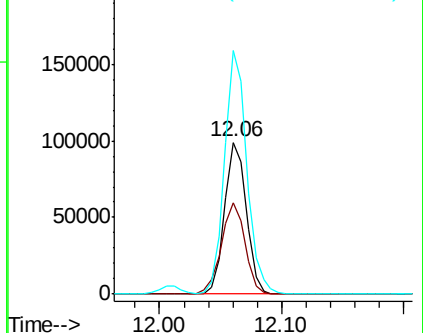
150 164.1 0.0 350.4

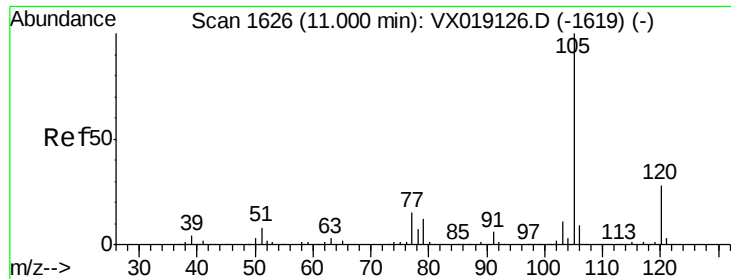


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

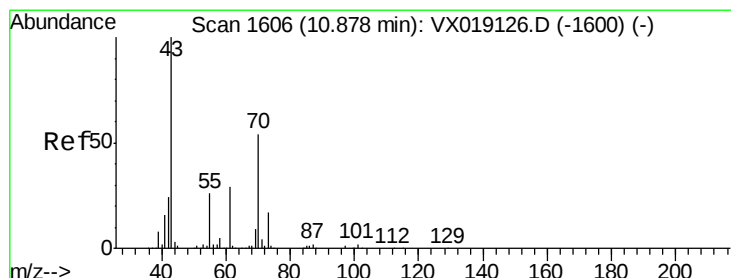
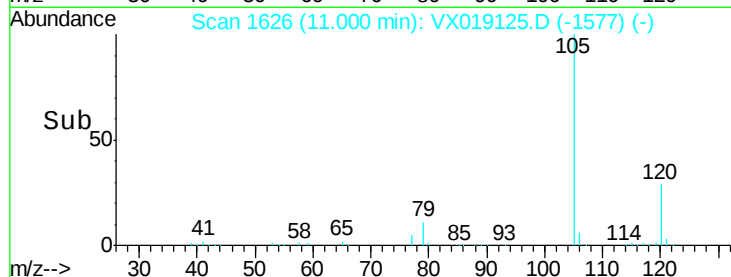
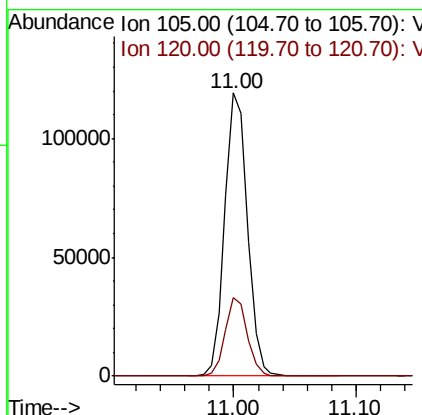
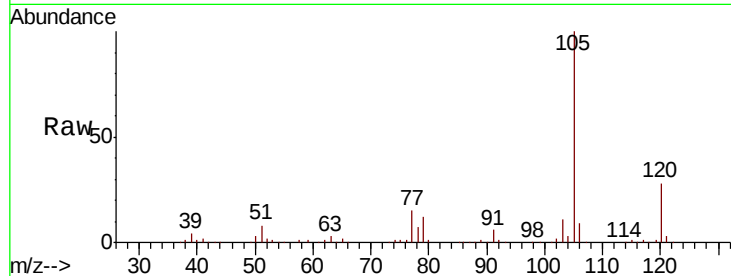




#73
Isopropylbenzene
Concen: 18.858 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

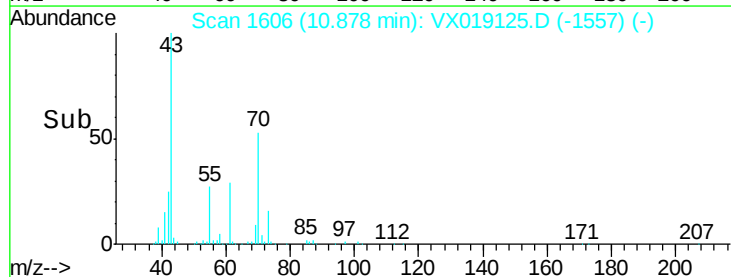
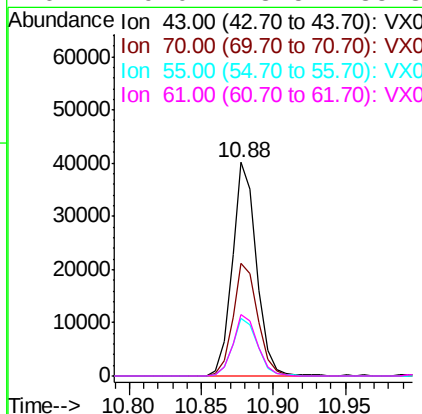
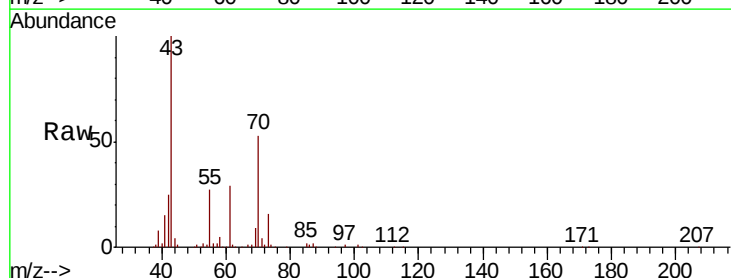
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

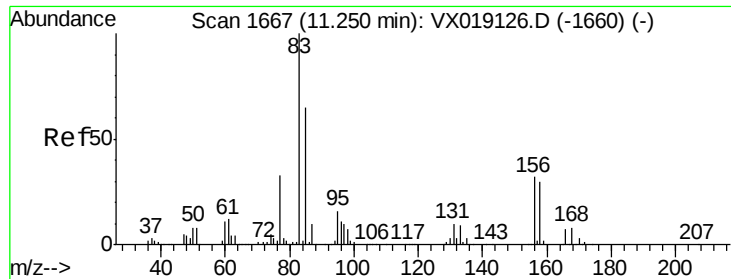
Tot Ion:105 Resp: 153138
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8



#74
N-ethyl acetate
Concen: 19.088 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 43 Resp: 47397
Ion Ratio Lower Upper
43 100
70 54.0 43.9 65.9
55 27.8 21.5 32.3
61 29.0 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.986 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

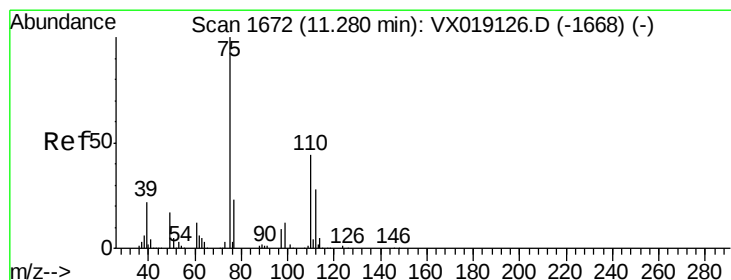
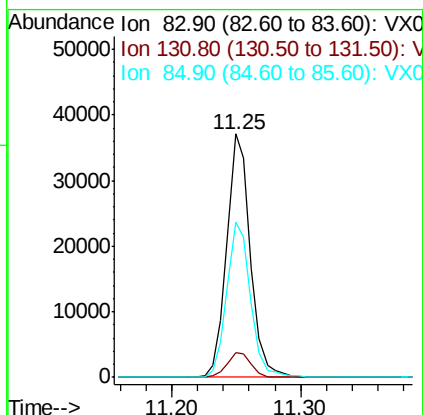
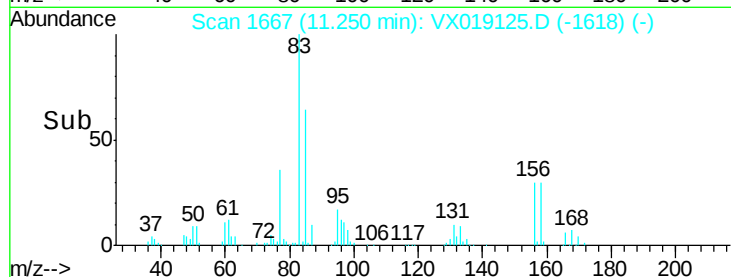
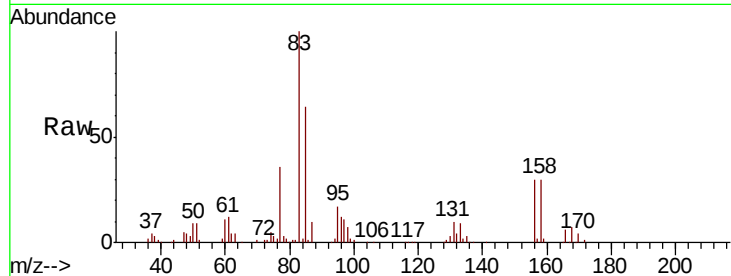
Tot Ion: 83 Resp: 47992

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 20.292 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019125.D

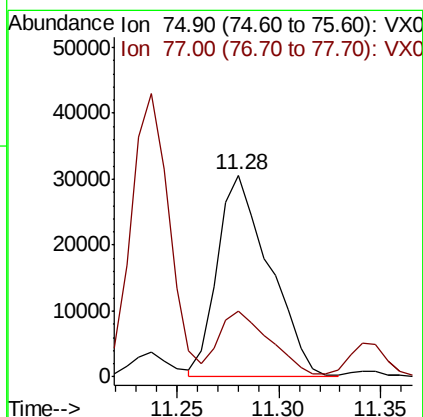
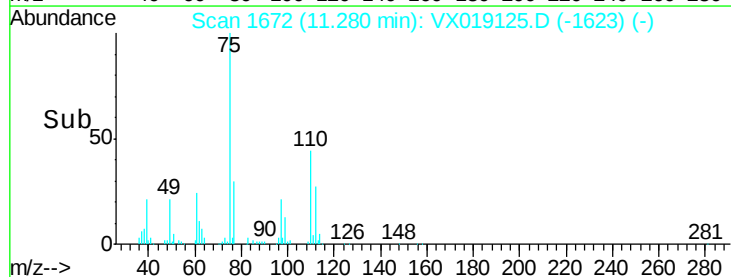
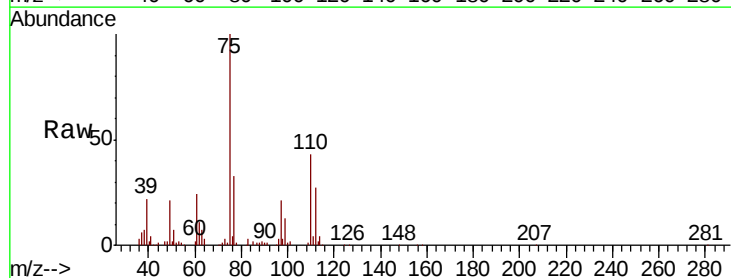
Acq: 26 Oct 2020 18:09

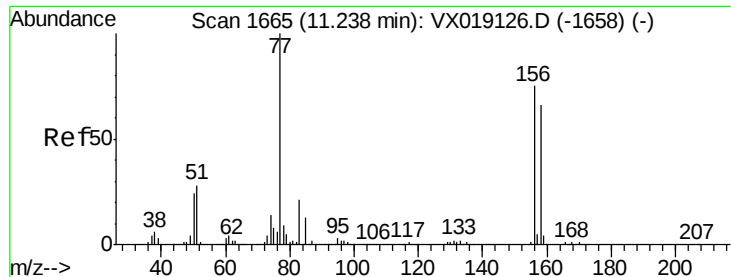
Tgt Ion: 75 Resp: 54408

Ion Ratio Lower Upper

75 100

77 32.2 20.4 61.3





#77

Bromobenzene

Concen: 18.230 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

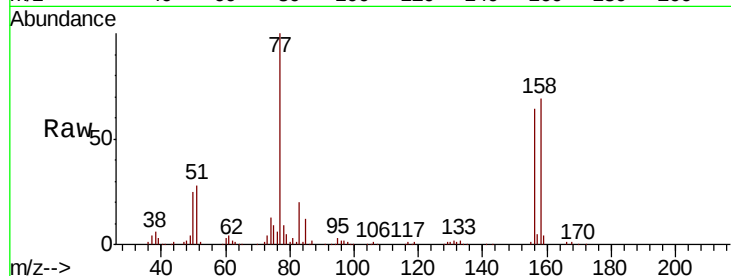
Tot Ion:156 Resp: 36487

Ion Ratio Lower Upper

156 100

77 152.8 71.7 215.0

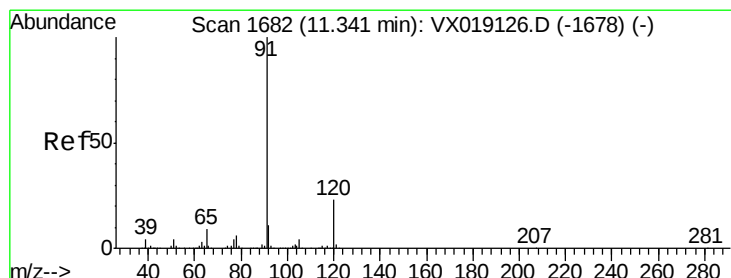
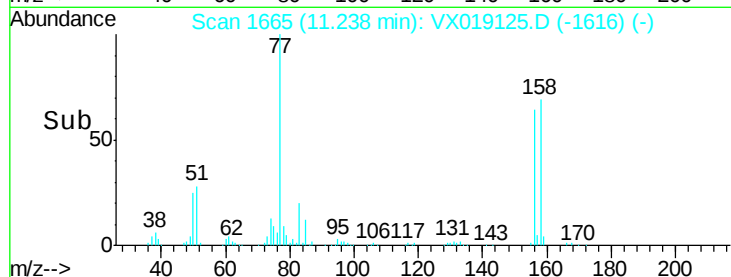
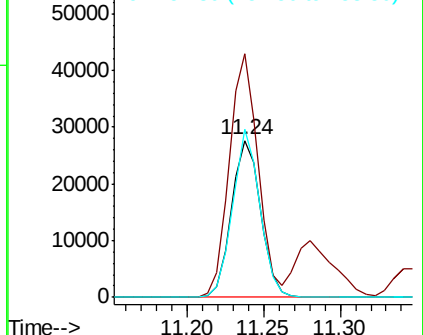
158 100.1 46.9 140.8



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: 19.022 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019125.D

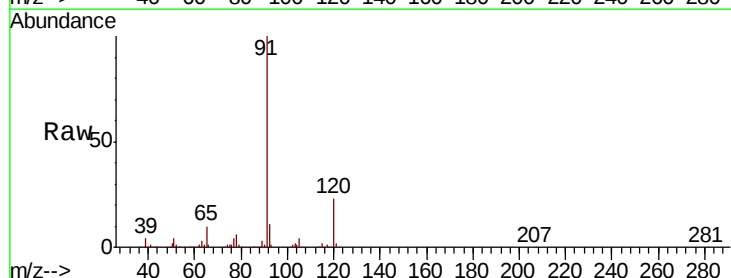
Acq: 26 Oct 2020 18:09

Tgt Ion: 91 Resp: 172156

Ion Ratio Lower Upper

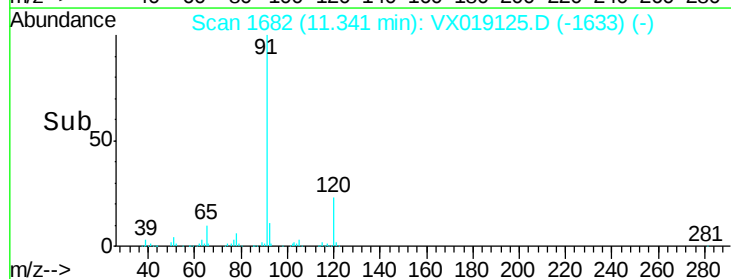
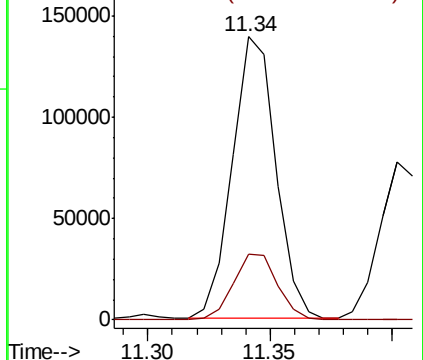
91 100

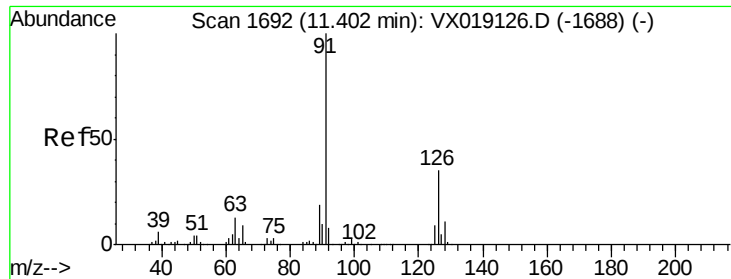
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.684 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

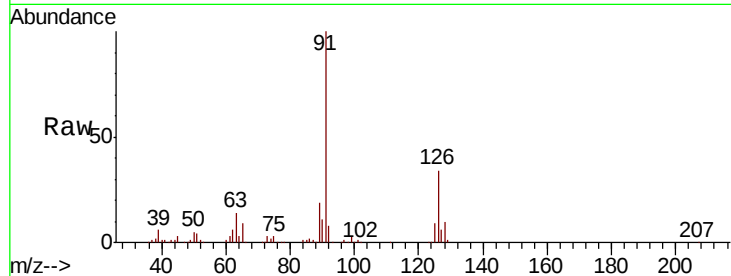
VSTDIC020

Tot Ion: 91 Resp: 99513

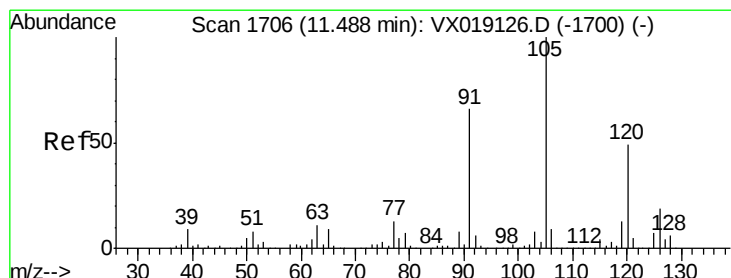
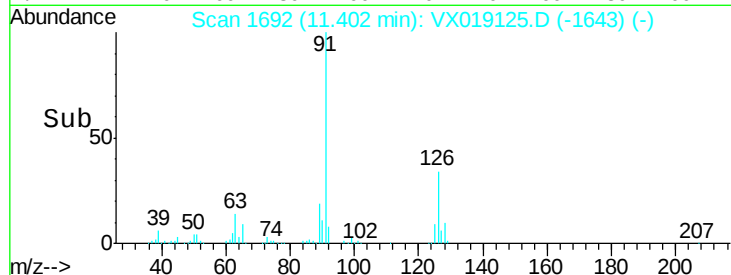
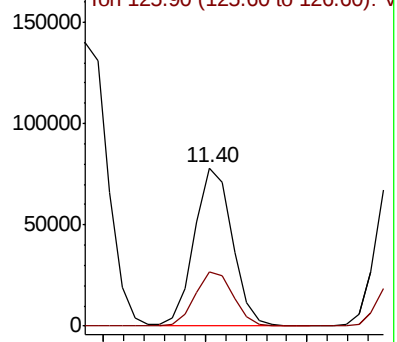
Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VX019126.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.875 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019125.D

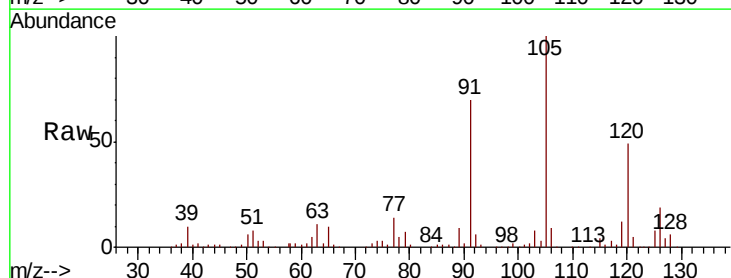
Acq: 26 Oct 2020 18:09

Tgt Ion: 105 Resp: 123759

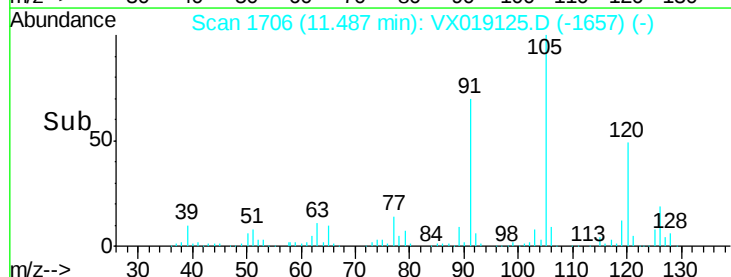
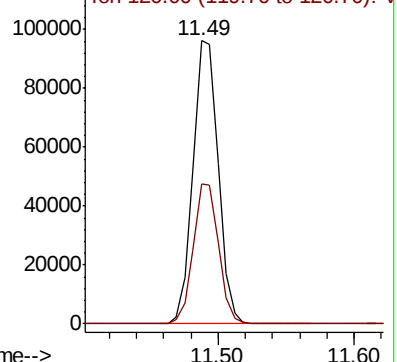
Ion Ratio Lower Upper

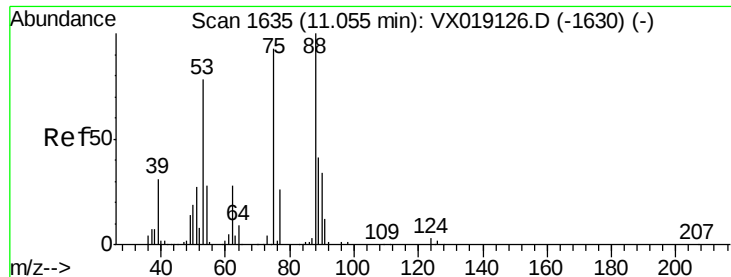
105 100

120 49.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX019126.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.095 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

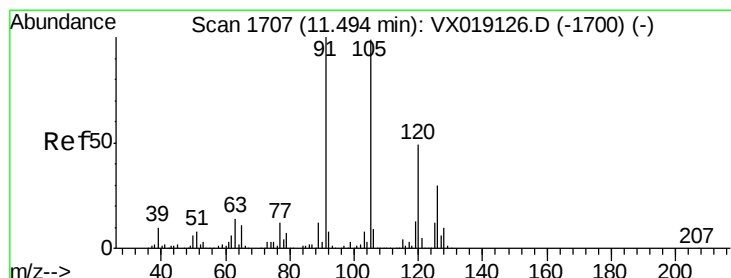
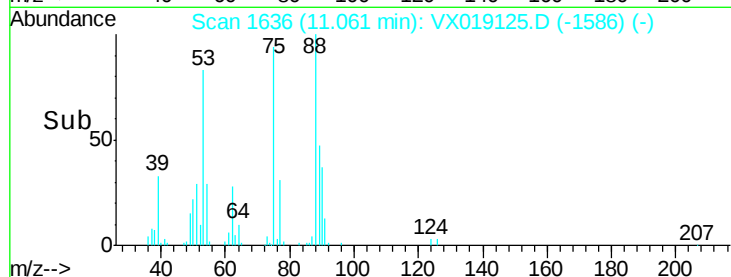
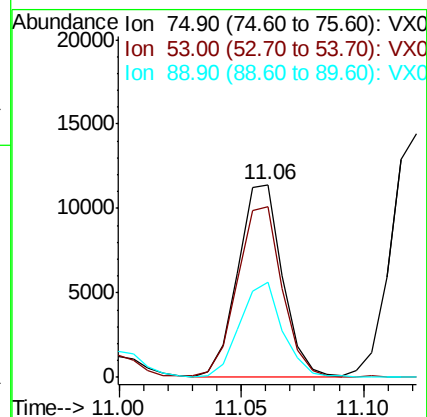
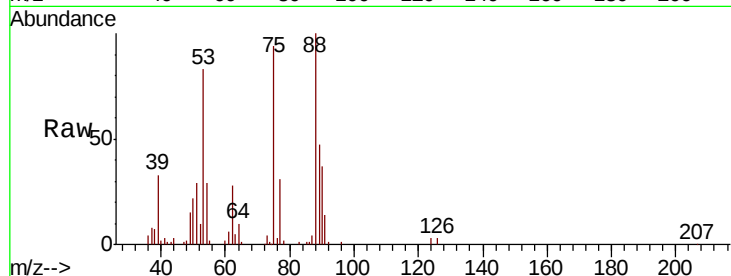
Tot Ion: 75 Resp: 14523

Ion Ratio Lower Upper

75 100

53 89.2 67.6 101.4

89 47.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.713 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019125.D

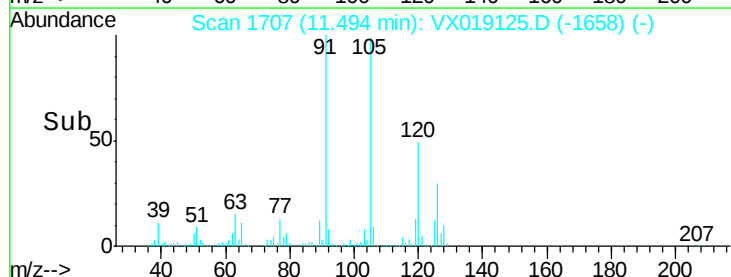
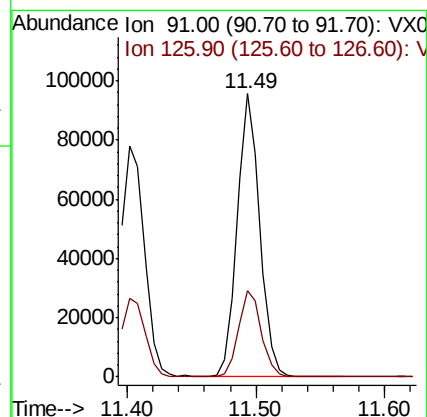
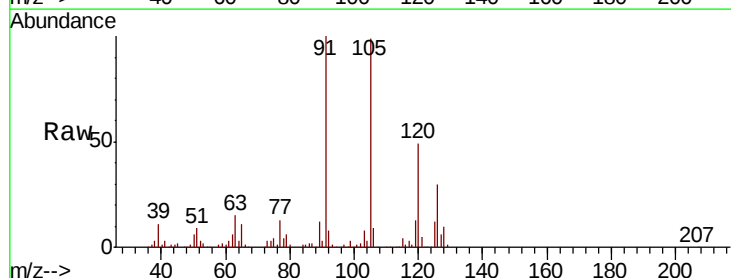
Acq: 26 Oct 2020 18:09

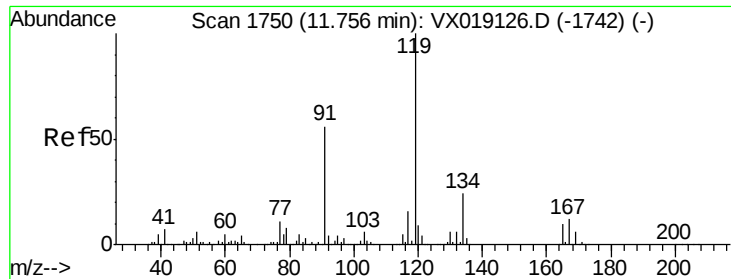
Tgt Ion: 91 Resp: 117092

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

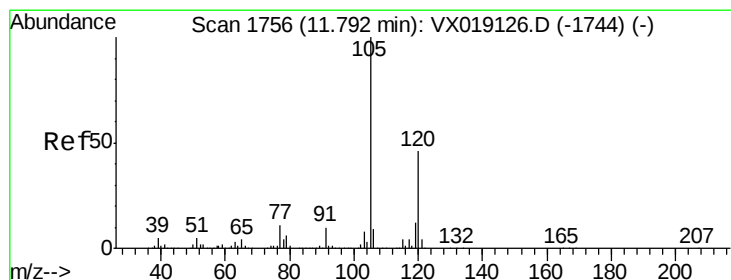
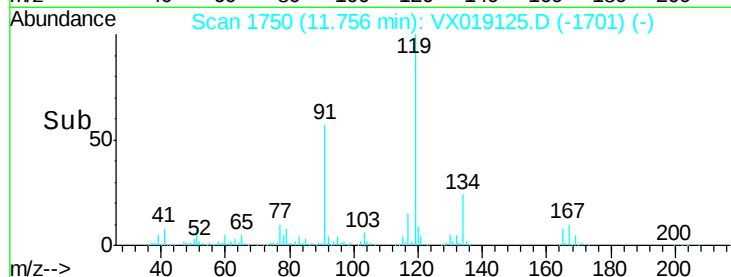
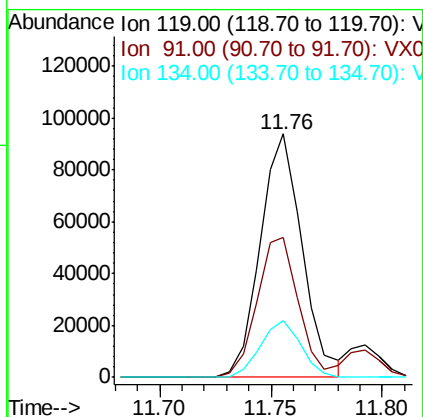
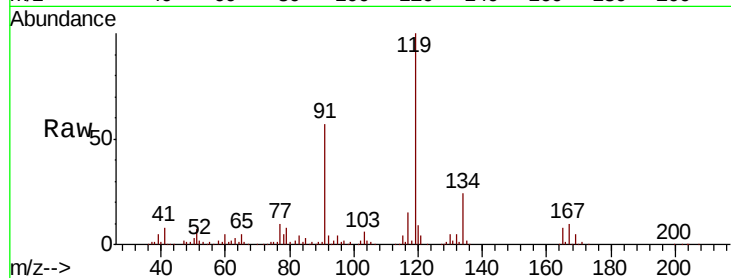




#83
 tert-Butylbenzene
 Concen: 19.007 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

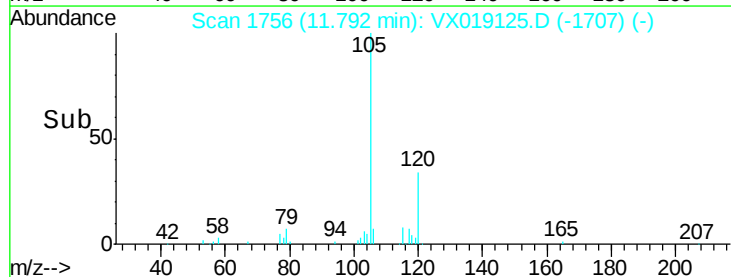
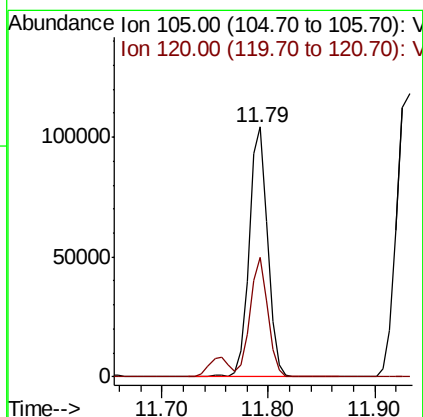
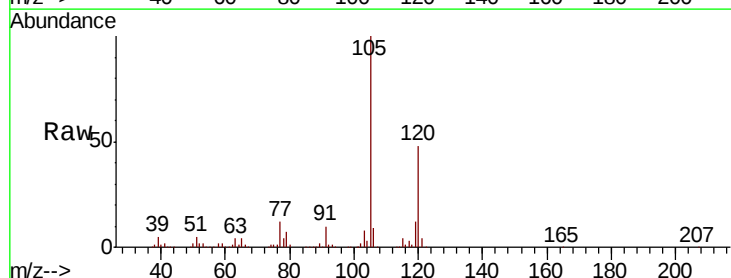
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

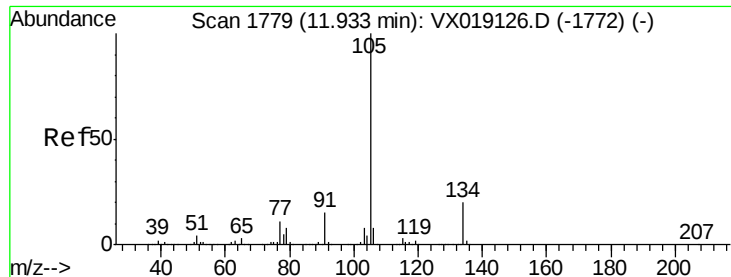
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.9	83.6
134	22.6	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.079 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.5

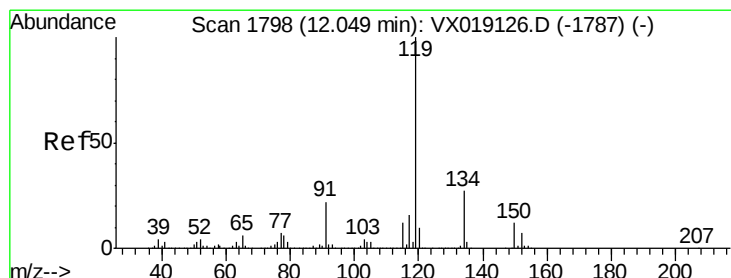
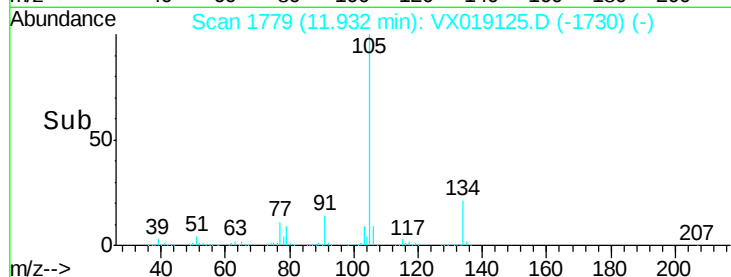
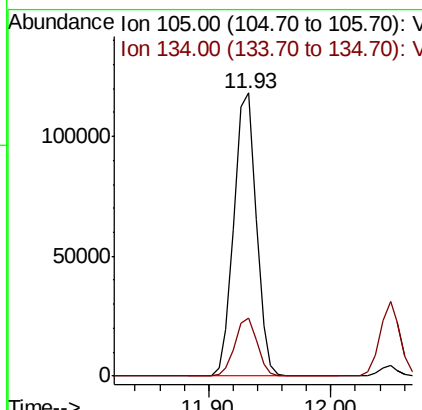
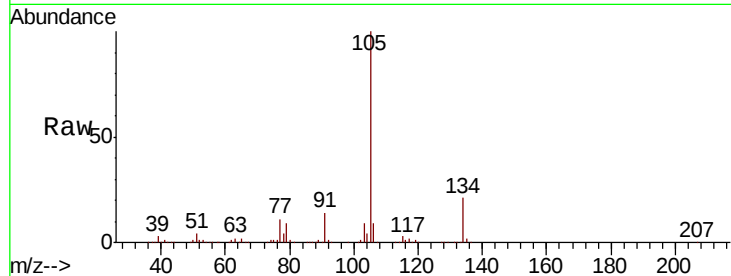




#85
 sec-Butylbenzene
 Concen: 19.189 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

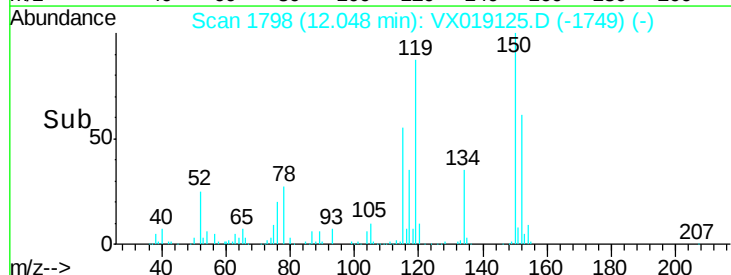
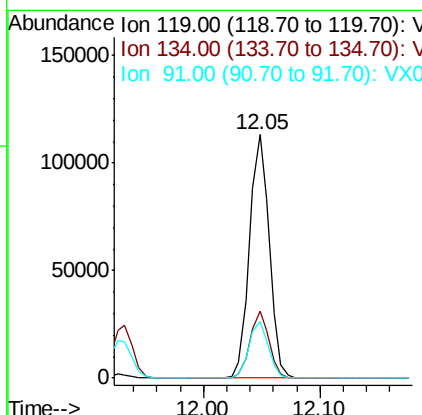
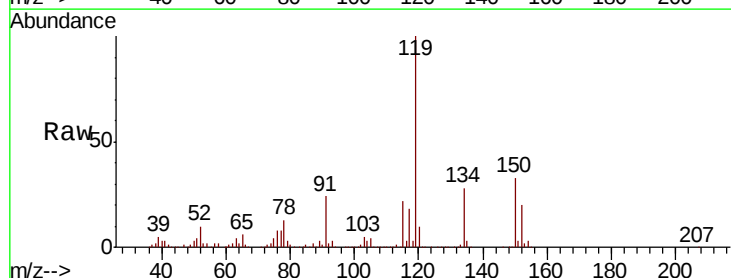
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

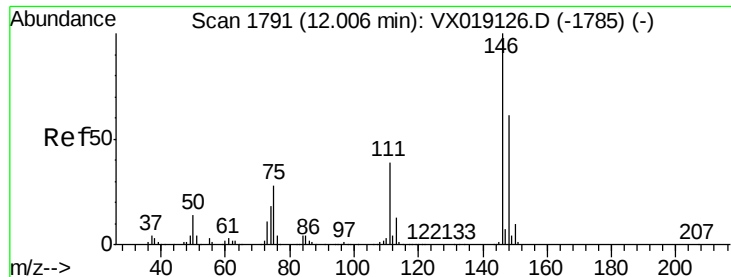
Tot Ion:105 Resp: 148754
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.098 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion:119 Resp: 134861
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.473 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

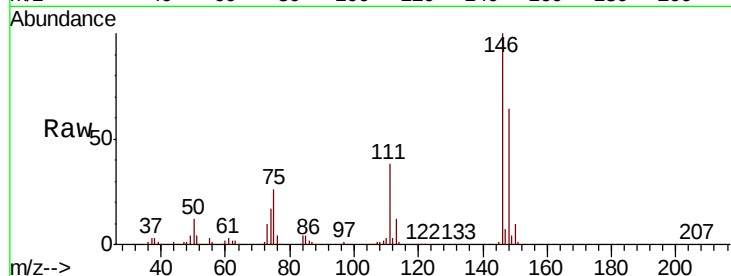
Tot Ion:146 Resp: 68630

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

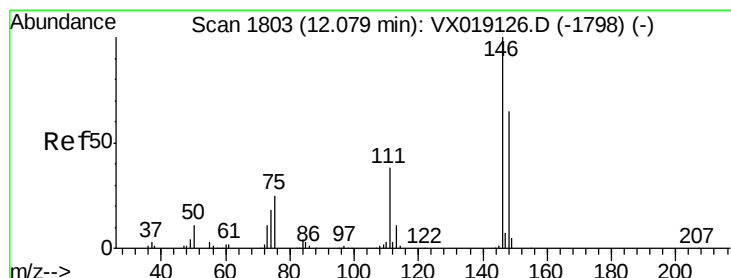
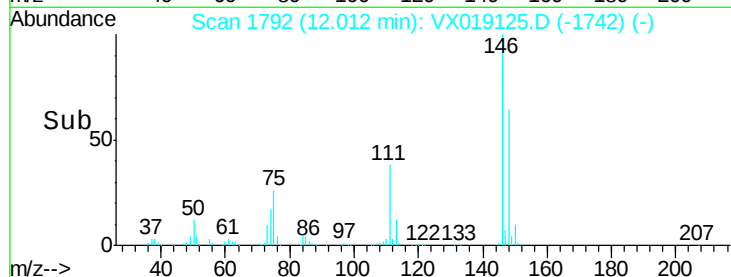
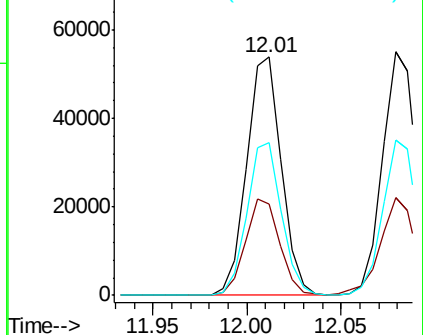
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.435 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

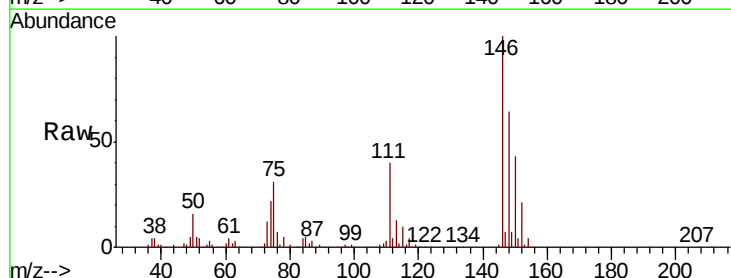
Tgt Ion:146 Resp: 70450

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.1

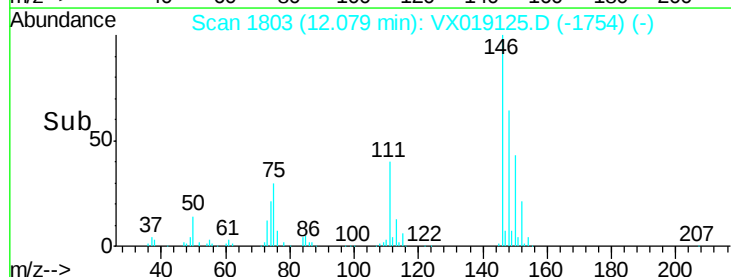
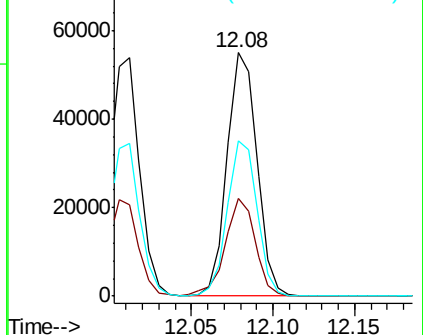
148 63.8 32.5 97.4

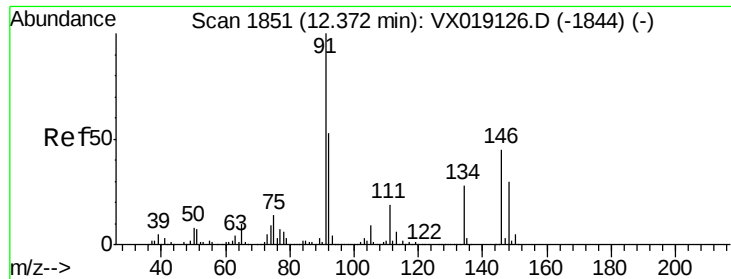


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.858 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

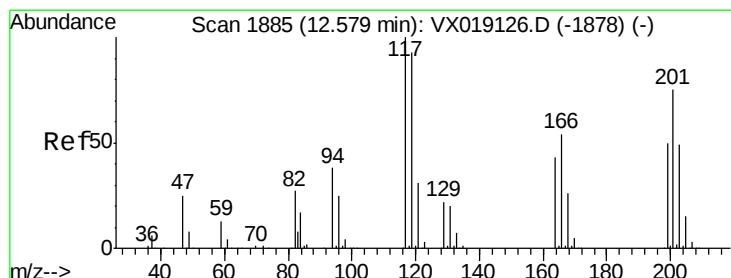
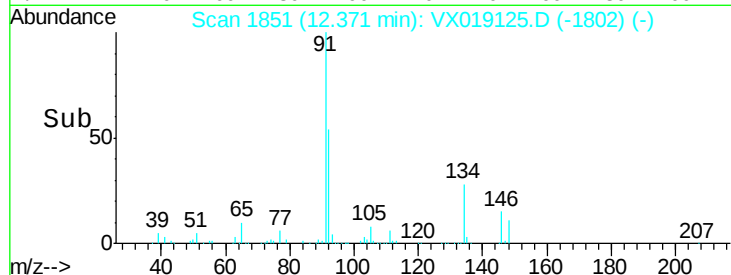
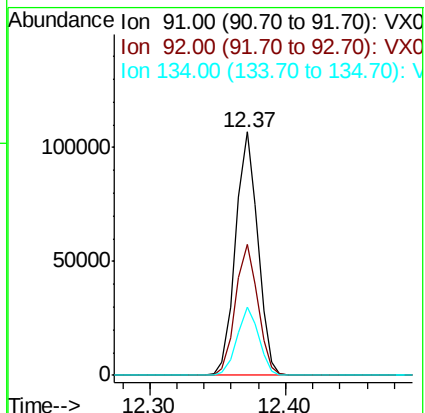
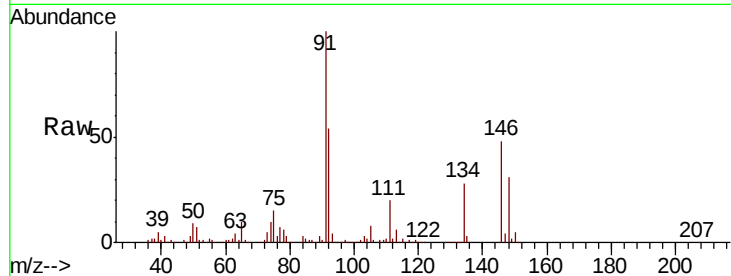
Tot Ion: 91 Resp: 122051

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.4

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 19.362 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019125.D

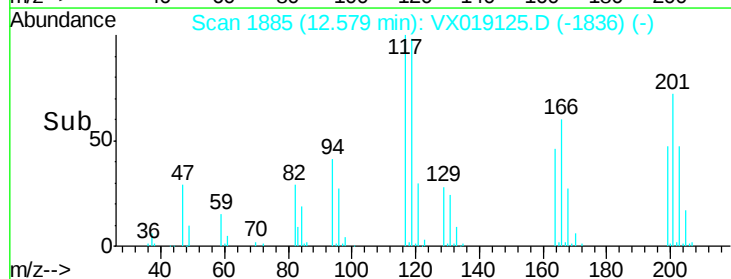
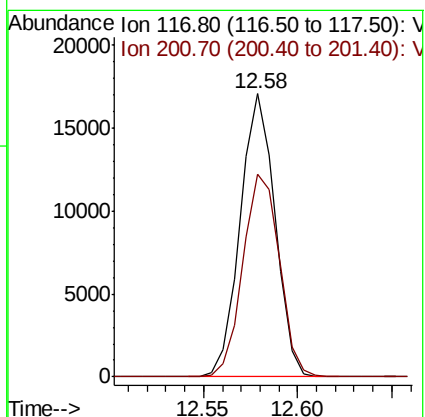
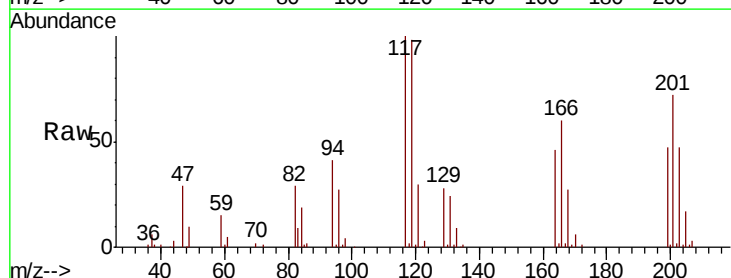
Acq: 26 Oct 2020 18:09

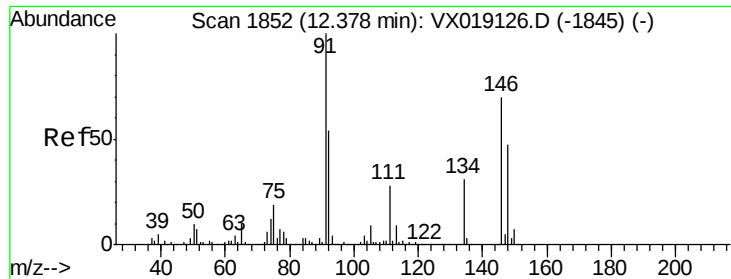
Tgt Ion: 117 Resp: 21913

Ion Ratio Lower Upper

117 100

201 75.2 39.1 117.2

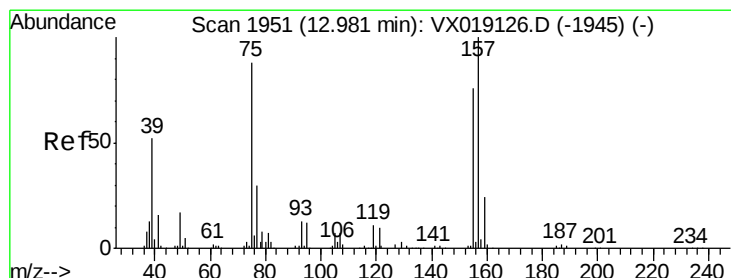
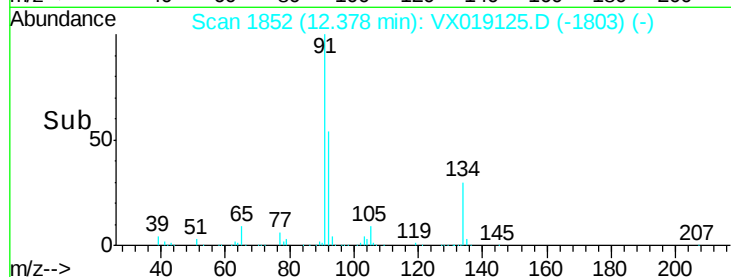
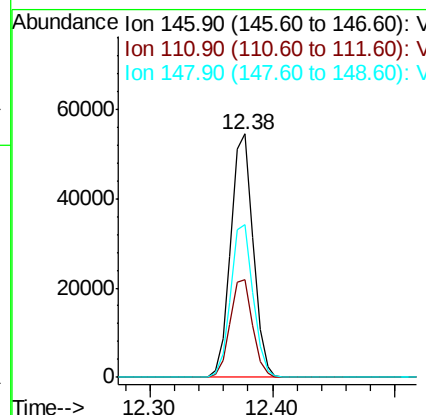
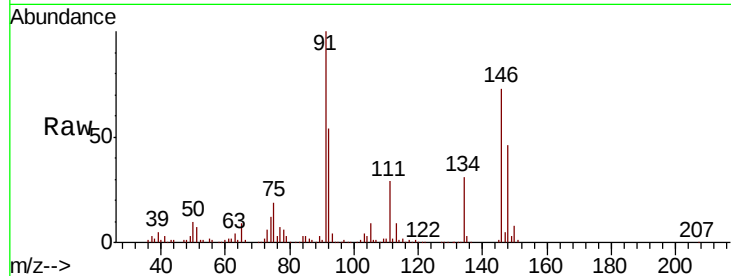




#91
 1,2-Dichlorobenzene
 Concen: 18.817 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

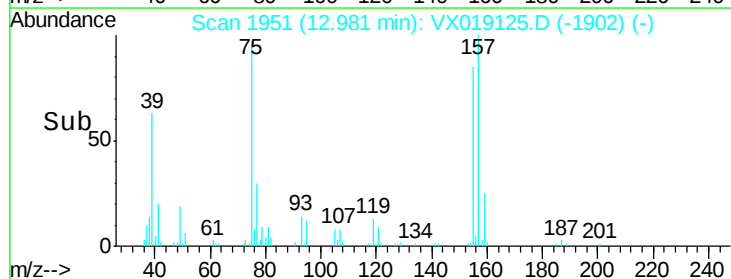
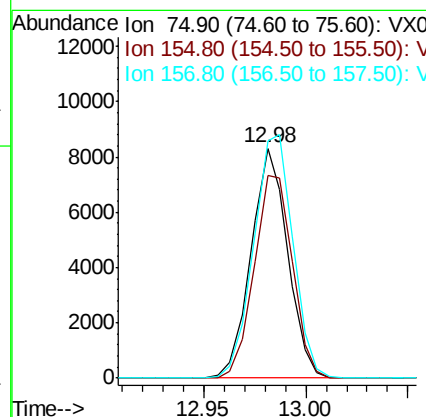
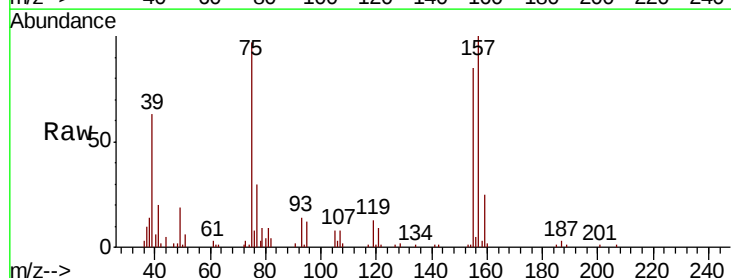
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

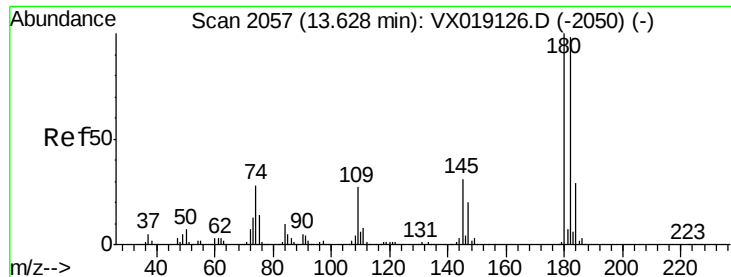
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	62.8	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.436 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	47.1	141.4
157	113.9	60.1	180.2

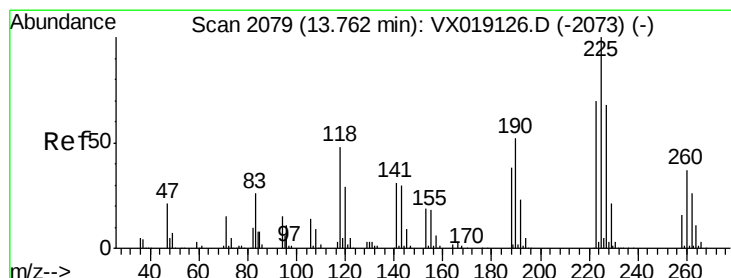
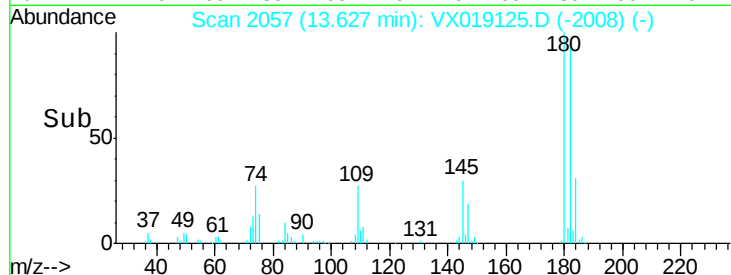
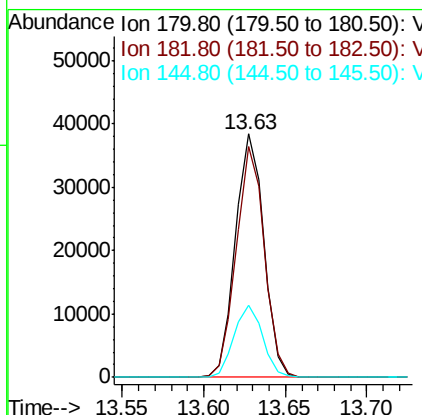
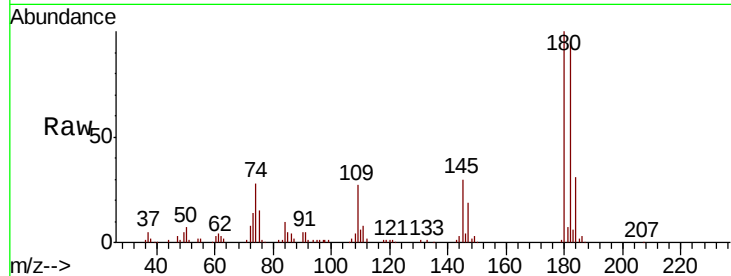




#93
 1,2,4-Trichlorobenzene
 Concen: 18.649 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

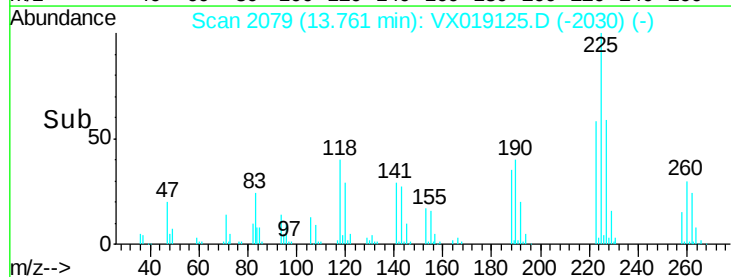
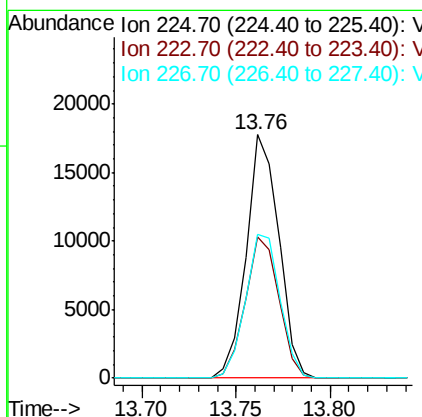
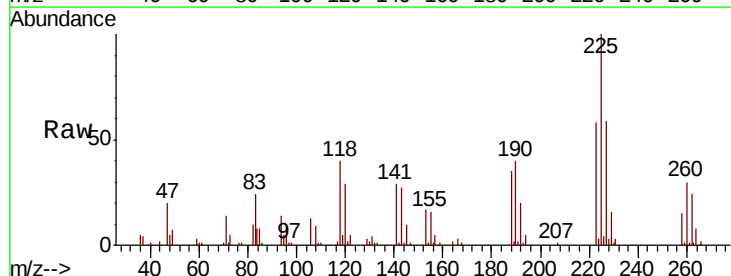
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

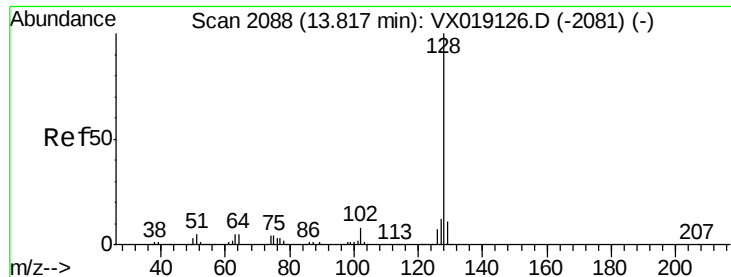
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	29.8	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 18.850 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	32.1	96.5
227	62.5	32.0	96.0

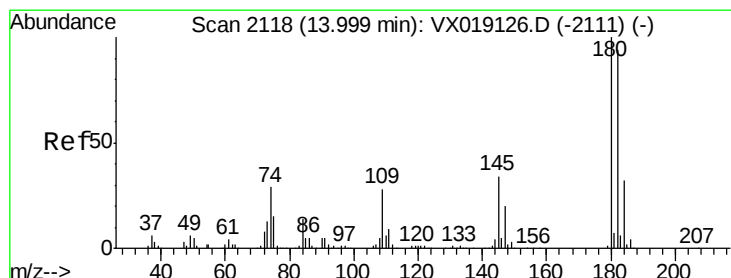
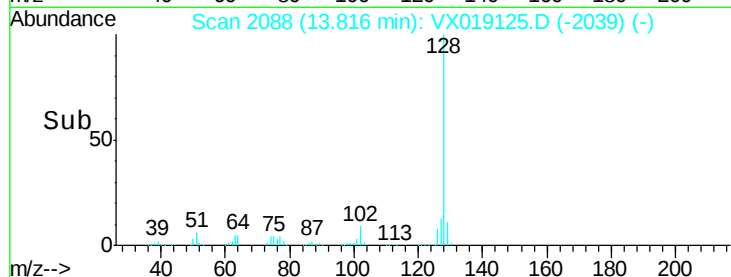
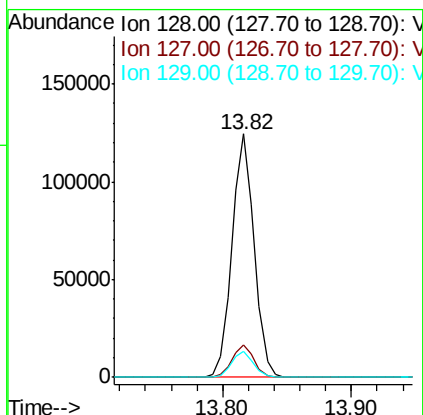
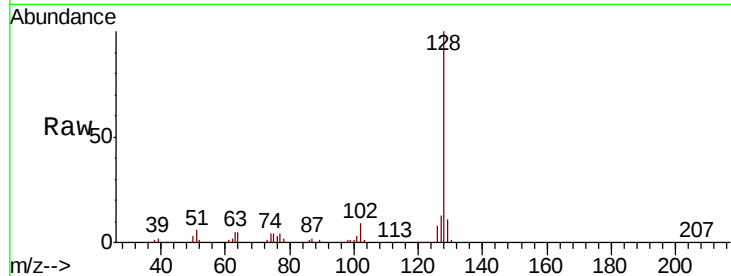




#95
Naphthalene
Concen: 19.178 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 149871
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.540 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:180 Resp: 45666
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.9
145 31.6 15.9 47.7

