

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015925.D
 Acq On : 24 Apr 2020 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 24 12:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	277319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	260157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	123954	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	10996	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	
35) Dibromofluoromethane	5.48	113	7857	5.09	ug/l	0.00
Spiked Amount			Recovery	=	10.18%	
50) Toluene-d8	8.70	98	32777	5.26	ug/l	0.00
Spiked Amount			Recovery	=	10.52%	
62) 4-Bromofluorobenzene	11.12	95	13445	5.08	ug/l	0.00
Spiked Amount			Recovery	=	10.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	7942	4.983	ug/l	96
3) Chloromethane	1.31	50	8300	5.059	ug/l	99
4) Vinyl Chloride	1.39	62	11019	5.193	ug/l	99
5) Bromomethane	1.62	94	4144	4.369	ug/l	99
6) Chloroethane	1.71	64	6965	5.342	ug/l	99
7) Trichlorofluoromethane	1.92	101	13182	5.185	ug/l	95
8) Diethyl Ether	2.17	74	6385	5.227	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8577	5.364	ug/l	99
10) Methyl Iodide	2.50	142	6775	4.437	ug/l	97
11) Tert butyl alcohol	3.01	59	10984	25.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	8830	5.278	ug/l	99
13) Acrolein	2.28	56	8218	28.399	ug/l	98
14) Allyl chloride	2.71	41	15827	5.314	ug/l	99
15) Acrylonitrile	3.12	53	25318	26.201	ug/l	99
16) Acetone	2.42	43	20078	25.596	ug/l	99
17) Carbon Disulfide	2.55	76	27183	5.073	ug/l	99
18) Methyl Acetate	2.75	43	12273	5.223	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	31185	5.228	ug/l	98
20) Methylene Chloride	2.84	84	10186	5.247	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	9843	5.267	ug/l	97
22) Diisopropyl ether	3.83	45	30825	5.262	ug/l	92
23) Vinyl Acetate	3.79	43	125185	26.339	ug/l	99
24) 1,1-Dichloroethane	3.67	63	17598	5.279	ug/l	98
25) 2-Butanone	4.64	43	32285	25.697	ug/l	97
26) 2,2-Dichloropropane	4.56	77	16149	5.428	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	11013	5.179	ug/l	99
28) Bromochloromethane	4.98	49	7846	5.277	ug/l	100
29) Tetrahydrofuran	5.10	42	21499	25.749	ug/l	98
30) Chloroform	5.18	83	17358	5.268	ug/l	94
31) Cyclohexane	5.55	56	16322	5.385	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	15536	5.199	ug/l	98
36) 1,1-Dichloropropene	5.78	75	13503	5.147	ug/l	97
37) Ethyl Acetate	4.79	43	13470	5.129	ug/l	98
38) Carbon Tetrachloride	5.76	117	12551	5.306	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015925.D
 Acq On : 24 Apr 2020 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 24 12:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	17296	5.476	ug/l	98
40) Benzene	6.11	78	40337	5.300	ug/l	97
41) Methacrylonitrile	5.01	41	7573	5.027	ug/l	98
42) 1,2-Dichloroethane	6.17	62	13979	5.240	ug/l	98
43) Isopropyl Acetate	6.42	43	22144	5.220	ug/l	99
44) Trichloroethene	7.19	130	12684	5.363	ug/l	97
45) 1,2-Dichloropropane	7.49	63	10271	5.285	ug/l	98
46) Dibromomethane	7.64	93	6839	5.253	ug/l	98
47) Bromodichloromethane	7.88	83	13694	5.247	ug/l	96
48) Methyl methacrylate	7.75	41	11065	5.294	ug/l	95
49) 1,4-Dioxane	7.72	88	4793	105.513	ug/l #	95
51) 4-Methyl-2-Pentanone	8.62	43	64774	26.423	ug/l	98
52) Toluene	8.77	92	26045	5.401	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	16723	5.299	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	17638	5.347	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	10337	5.353	ug/l	95
56) Ethyl methacrylate	9.16	69	15652	5.200	ug/l	96
57) 1,3-Dichloropropane	9.35	76	17527	5.347	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	39778	26.580	ug/l	100
59) 2-Hexanone	9.48	43	48257	26.202	ug/l	100
60) Dibromochloromethane	9.57	129	9831	5.323	ug/l	99
61) 1,2-Dibromoethane	9.65	107	10426	5.269	ug/l	98
64) Tetrachloroethene	9.32	164	14151	5.478	ug/l	98
65) Chlorobenzene	10.12	112	27101	5.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	9470	5.336	ug/l	97
67) Ethyl Benzene	10.24	91	49750	5.310	ug/l	97
68) m/p-Xylenes	10.34	106	36426	10.684	ug/l	98
69) o-Xylene	10.68	106	17690	5.326	ug/l	100
70) Styrene	10.70	104	29097	5.195	ug/l	97
71) Bromoform	10.84	173	5858	5.184	ug/l #	98
73) Isopropylbenzene	11.01	105	47509	5.238	ug/l	99
74) N-amyl acetate	10.88	43	19594	5.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	10430	5.281	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	18301	5.647	ug/l	81
77) Bromobenzene	11.24	156	10606	5.210	ug/l	99
78) n-propylbenzene	11.34	91	56012	5.252	ug/l	99
79) 2-Chlorotoluene	11.40	91	32684	5.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	40482	5.328	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	5427	5.135	ug/l	96
82) 4-Chlorotoluene	11.49	91	39736	5.350	ug/l	99
83) tert-Butylbenzene	11.76	119	34030	5.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	41118	5.272	ug/l	97
85) sec-Butylbenzene	11.93	105	46387	5.316	ug/l	99
86) p-Isopropyltoluene	12.05	119	42515	5.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	19881	5.308	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	20467	5.385	ug/l	94
89) n-Butylbenzene	12.37	91	39735	5.332	ug/l	99
90) Hexachloroethane	12.58	117	6183	5.235	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	19291	5.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3273	5.138	ug/l	93

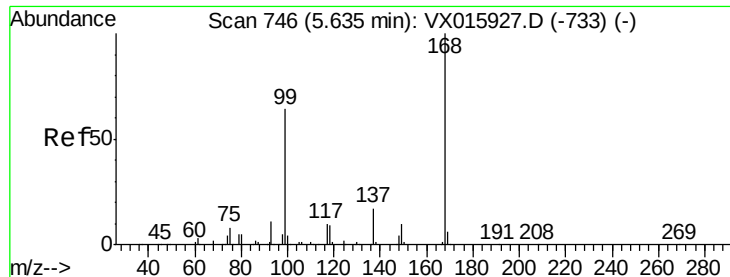
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042420\
Data File : VX015925.D
Acq On : 24 Apr 2020 11:27
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 24 12:37:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12145	5.239	ug/l	97
94) Hexachlorobutadiene	13.77	225	4434	5.364	ug/l	96
95) Naphthalene	13.82	128	42985	5.140	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11893	5.433	ug/l	96

(#) = 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. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

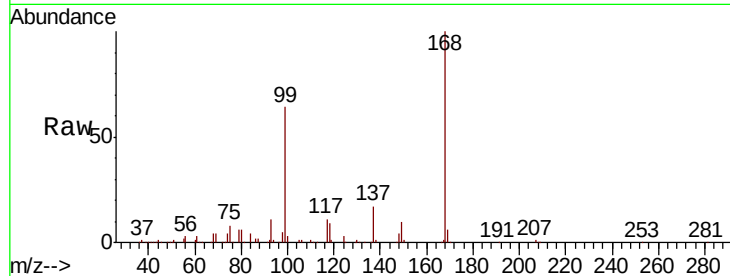
VSTDIC005

Tot Ion:168 Resp: 151682

Ion Ratio Lower Upper

168 100

99 63.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

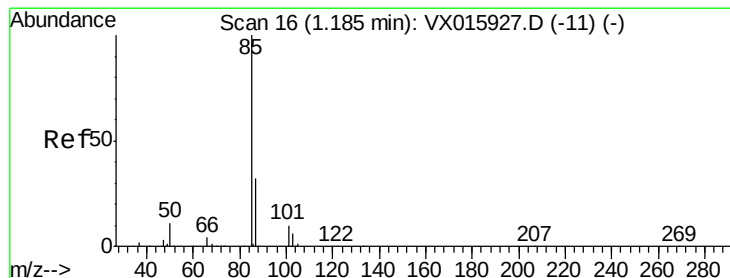
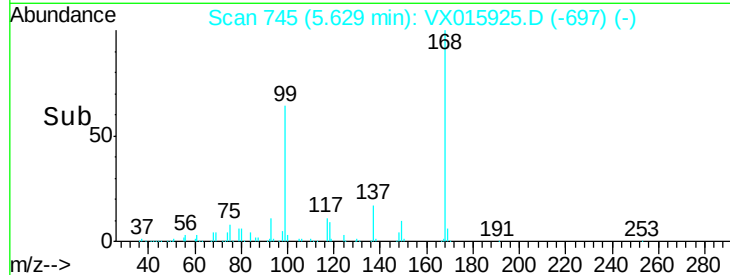
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 4.983 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015925.D

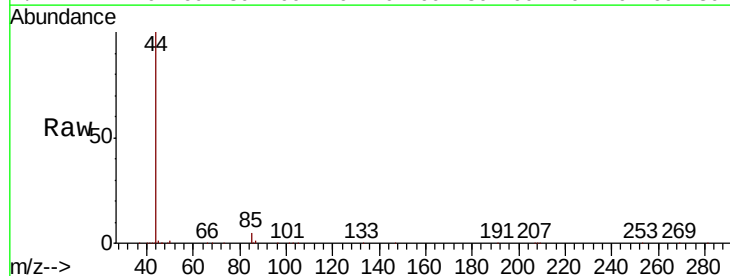
Acq: 24 Apr 2020 11:27

Tgt Ion: 85 Resp: 7942

Ion Ratio Lower Upper

85 100

87 30.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

6000

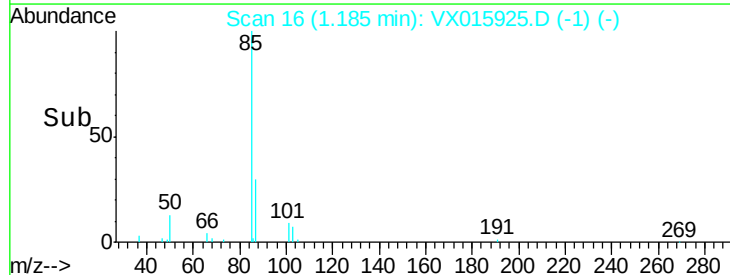
4000

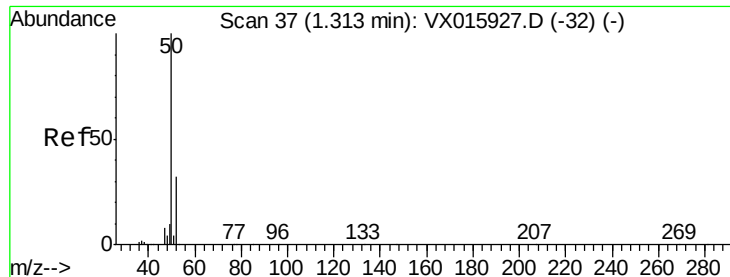
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 5.059 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

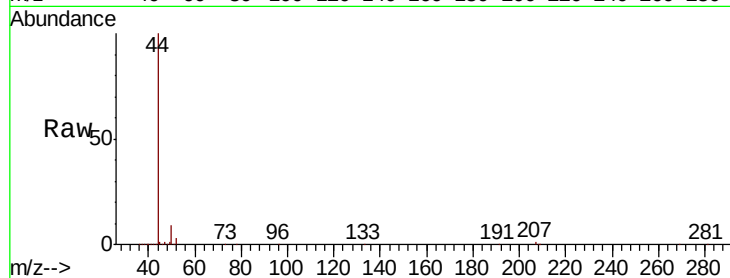
VSTDIC005

Tot Ion: 50 Resp: 8300

Ion Ratio Lower Upper

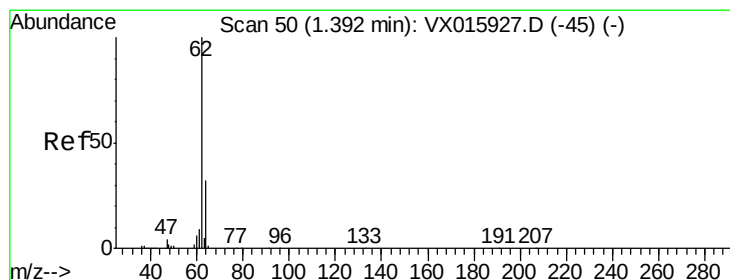
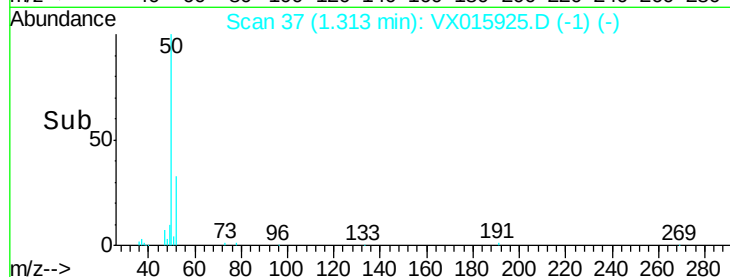
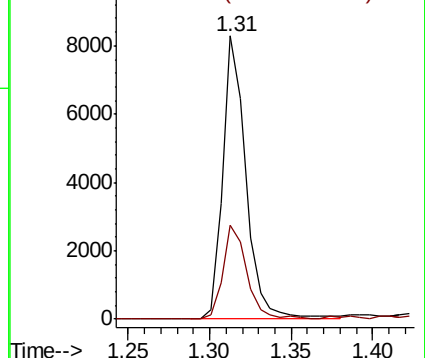
50 100

52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.193 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015925.D

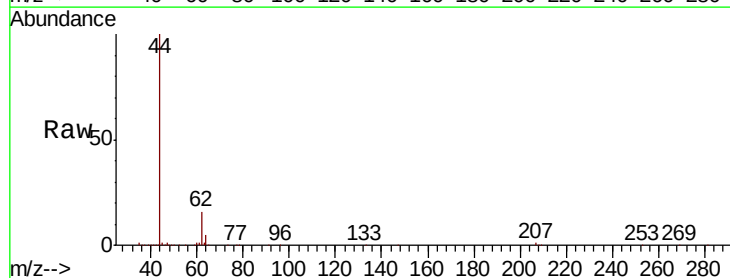
Acq: 24 Apr 2020 11:27

Tgt Ion: 62 Resp: 11019

Ion Ratio Lower Upper

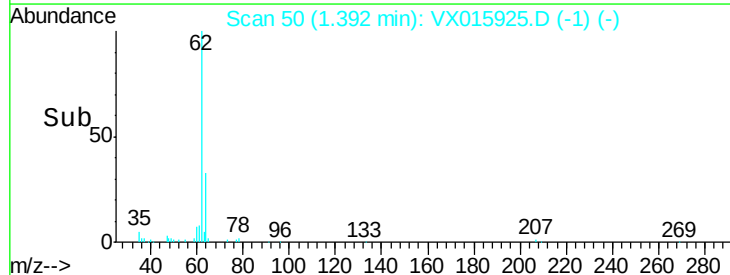
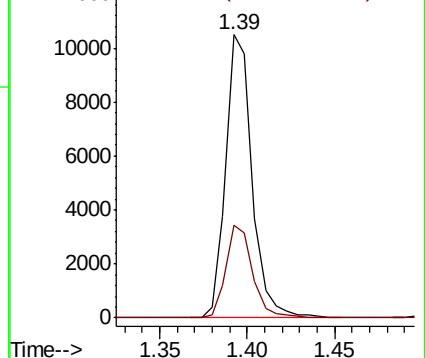
62 100

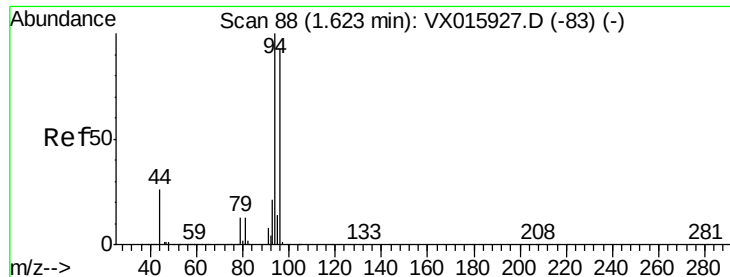
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.369 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

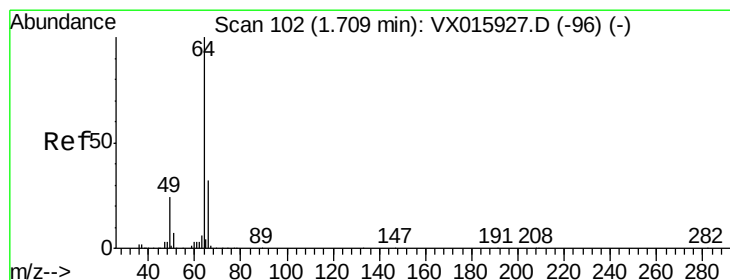
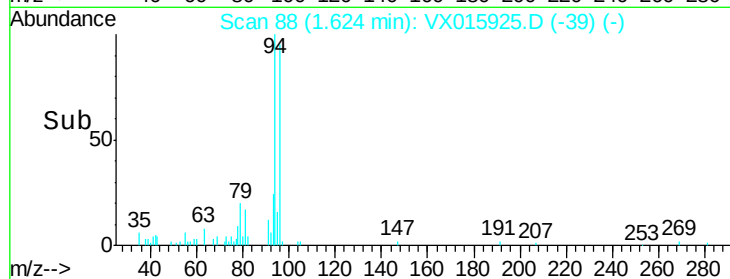
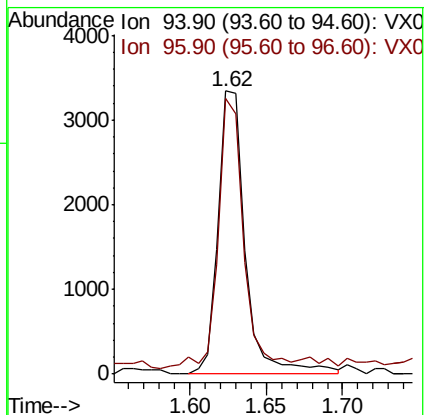
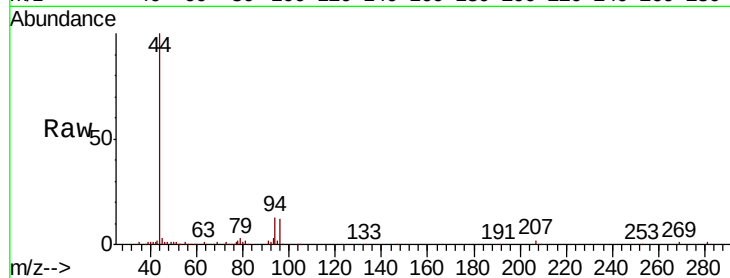
VSTDIC005

Tot Ion: 94 Resp: 4144

Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2



#6

Chloroethane

Concen: 5.342 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015925.D

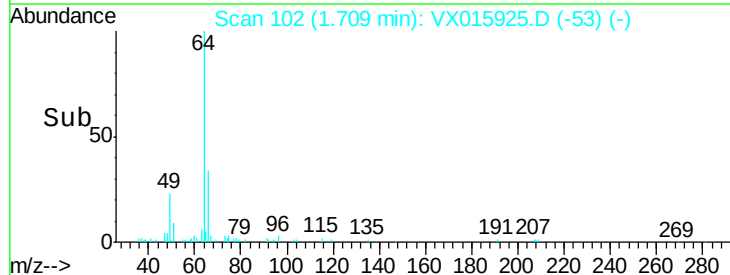
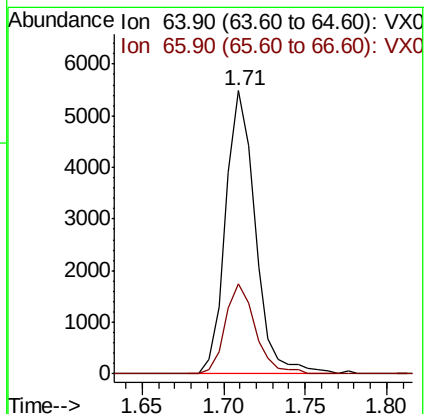
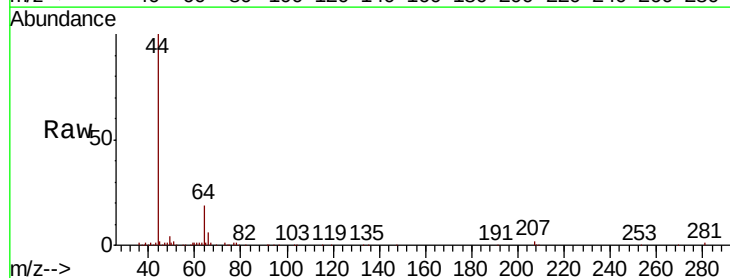
Acq: 24 Apr 2020 11:27

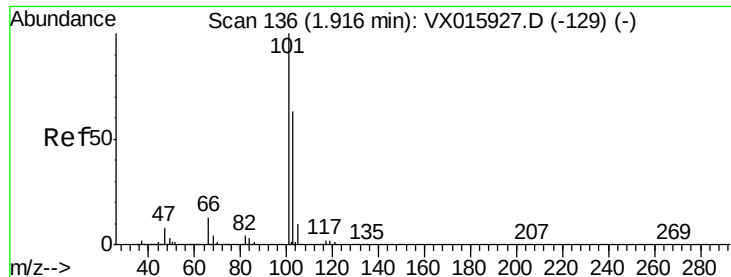
Tgt Ion: 64 Resp: 6965

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8



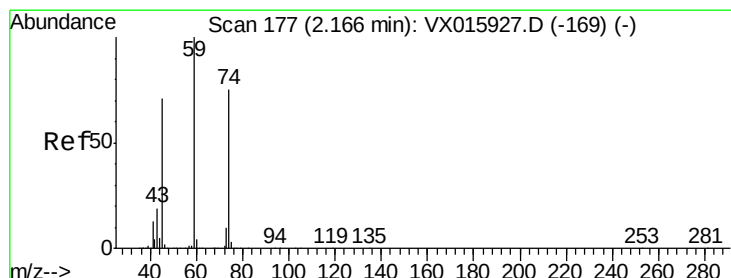
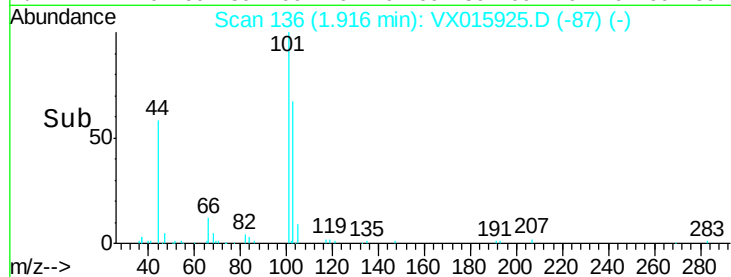
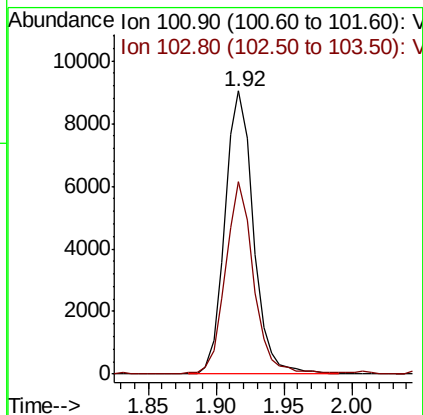
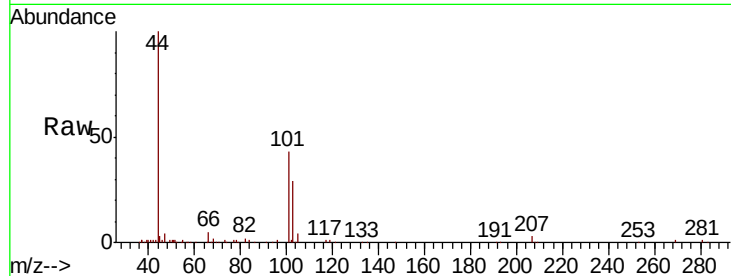


#7

Trichlorofluoromethane
 Concen: 5.185 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

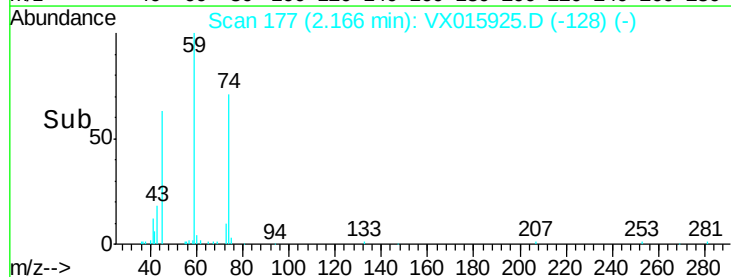
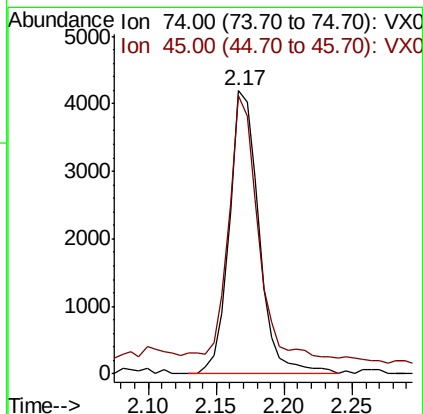
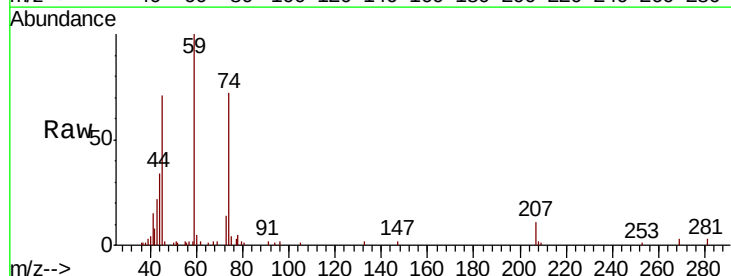
Tot Ion:101 Resp: 13182
 Ion Ratio Lower Upper
 101 100
 103 67.5 50.8 76.2

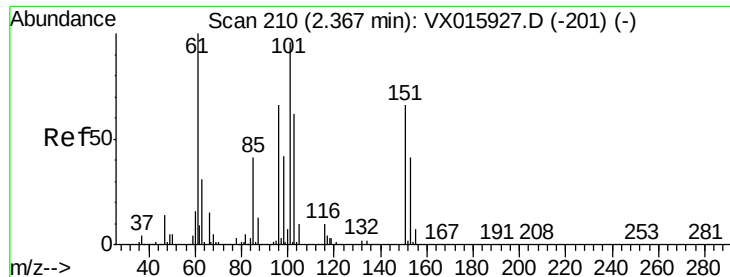


#8

Diethyl Ether
 Concen: 5.227 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 74 Resp: 6385
 Ion Ratio Lower Upper
 74 100
 45 97.7 46.9 140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.364 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

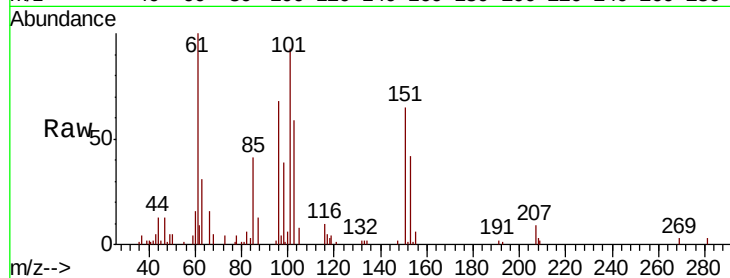
Tot Ion:101 Resp: 8577

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

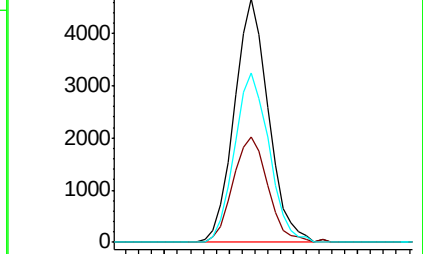
151 70.4 55.8 83.6



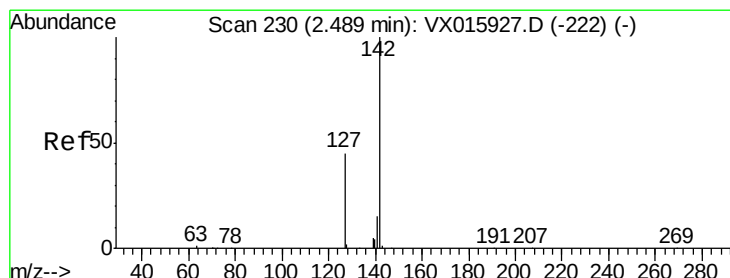
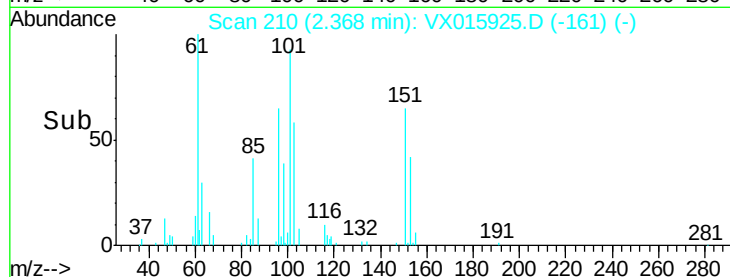
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 4.437 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

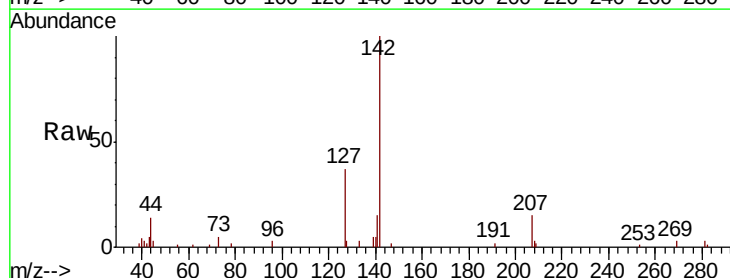
Tgt Ion:142 Resp: 6775

Ion Ratio Lower Upper

142 100

127 40.8 34.4 51.6

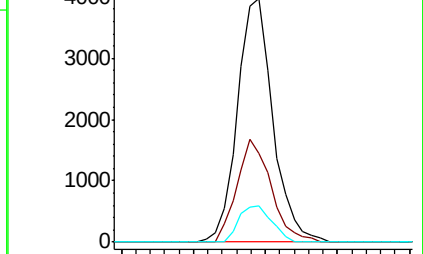
141 13.8 11.5 17.3



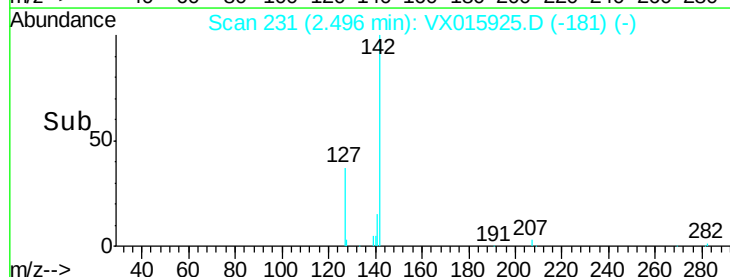
Abundance Ion 141.80 (141.50 to 142.50): V

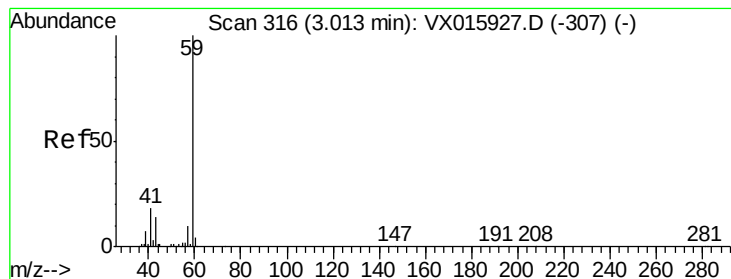
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



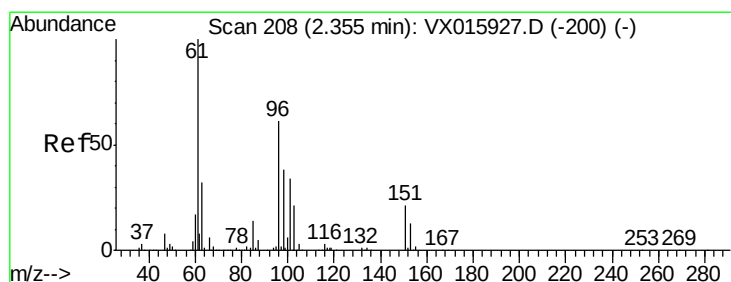
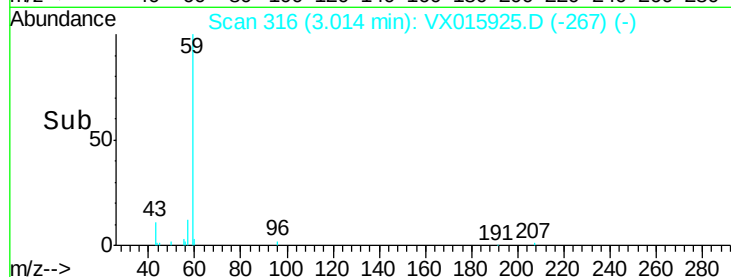
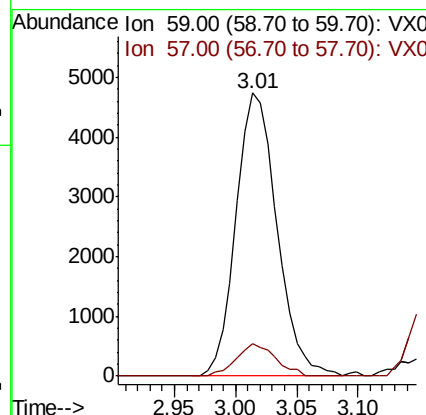
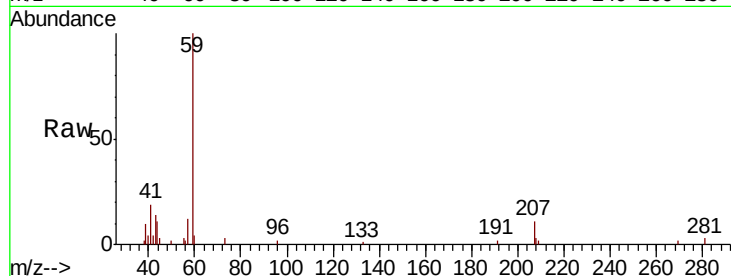


#11

Tert butyl alcohol
 Concen: 25.087 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

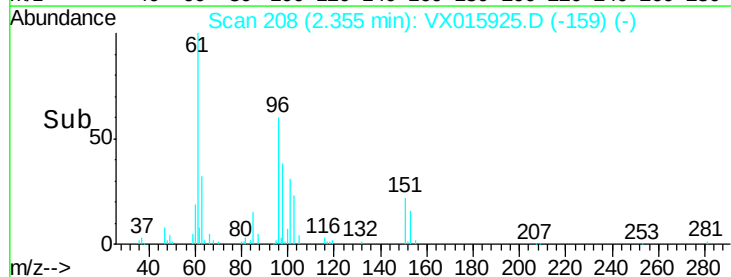
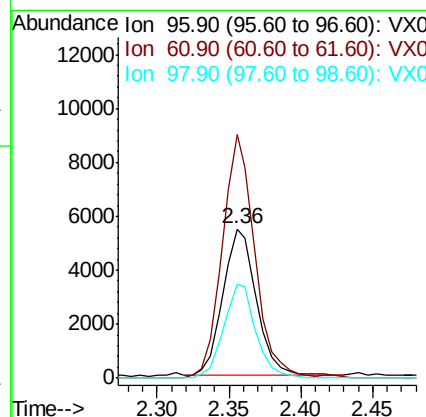
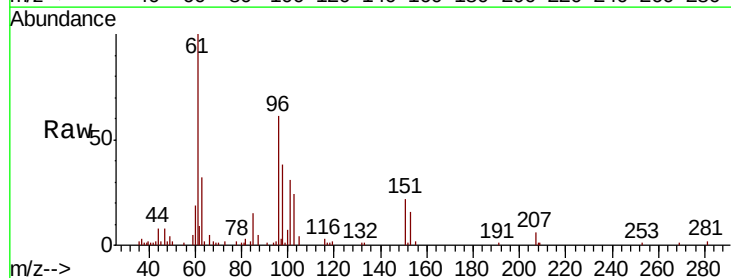
Tot Ion: 59 Resp: 10984
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

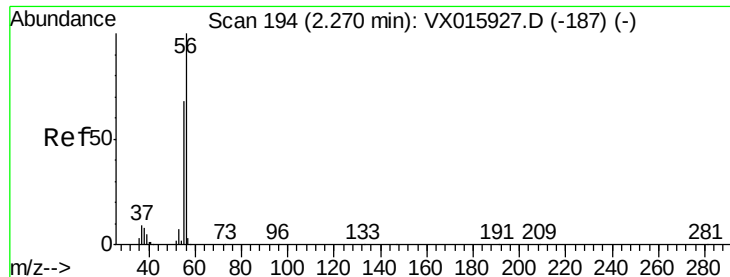


#12

1,1-Dichloroethene
 Concen: 5.278 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 96 Resp: 8830
 Ion Ratio Lower Upper
 96 100
 61 164.8 131.2 196.8
 98 63.6 50.2 75.4





#13

Acrolein

Concen: 28.399 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

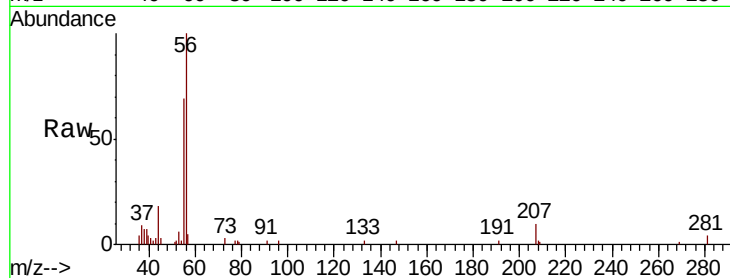
VSTDIC005

Tot Ion: 56 Resp: 8218

Ion Ratio Lower Upper

56 100

55 71.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

6000

5000

4000

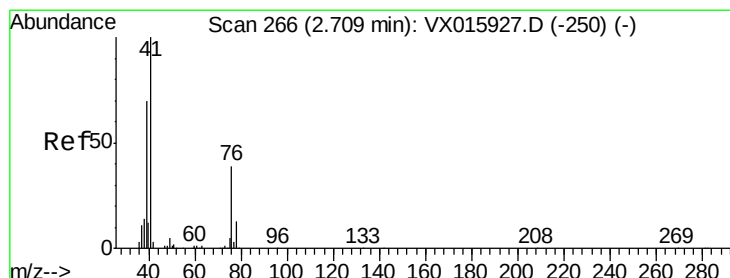
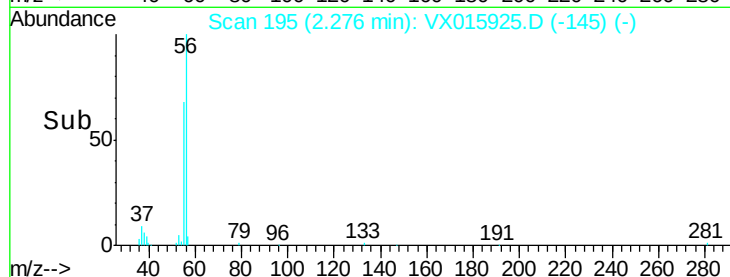
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 5.314 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

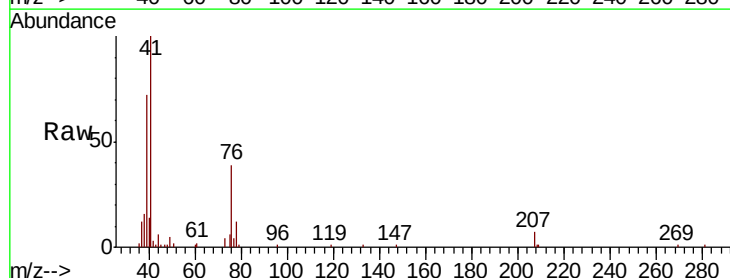
Tgt Ion: 41 Resp: 15827

Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 35.0 29.3 43.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

20000

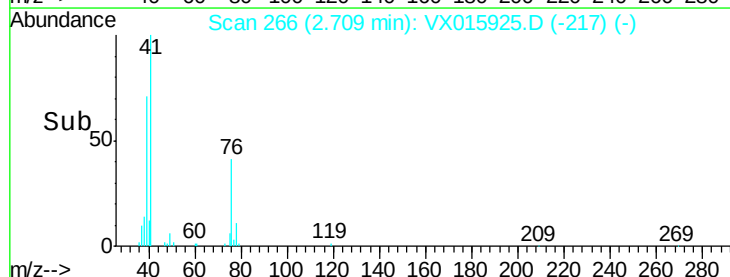
15000

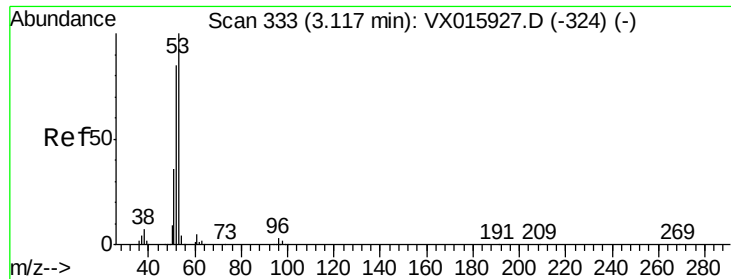
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 26.201 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

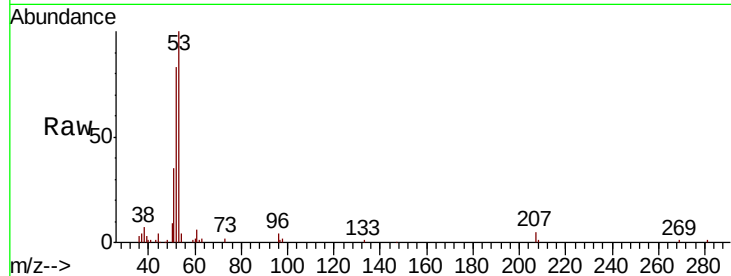
Tot Ion: 53 Resp: 25318

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

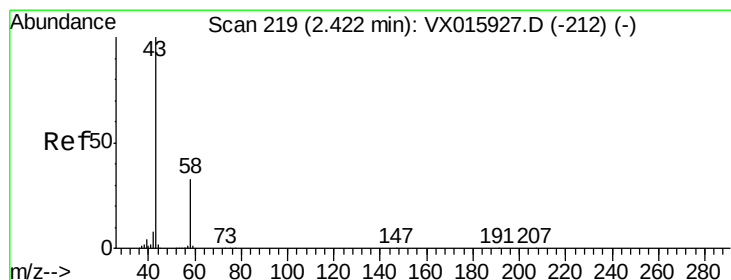
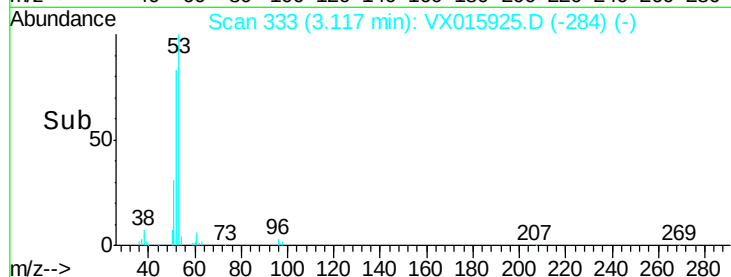
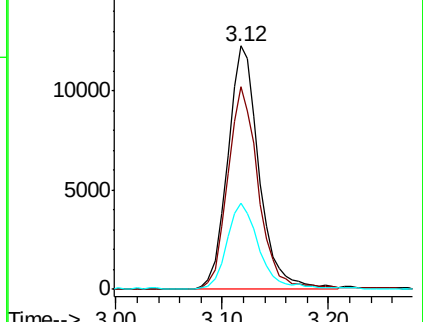
51 36.7 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 25.596 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX015925.D

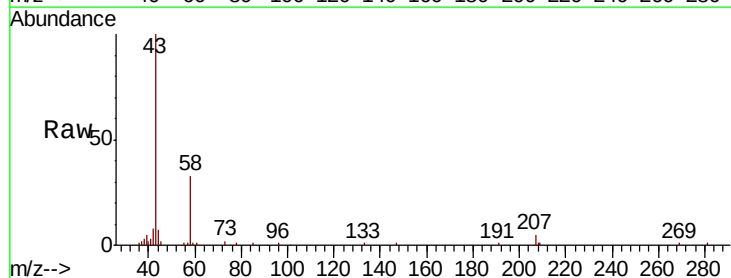
Acq: 24 Apr 2020 11:27

Tgt Ion: 43 Resp: 20078

Ion Ratio Lower Upper

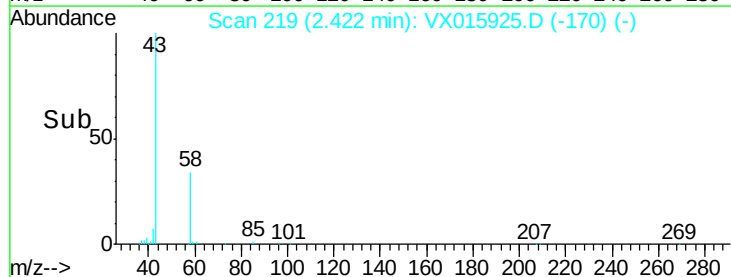
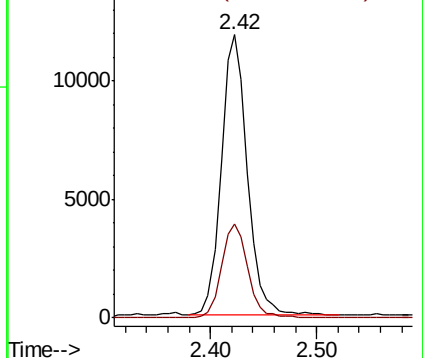
43 100

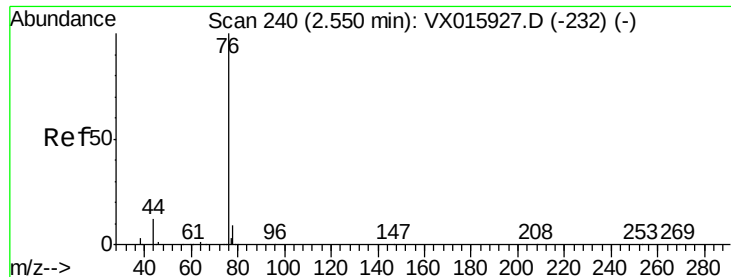
58 33.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

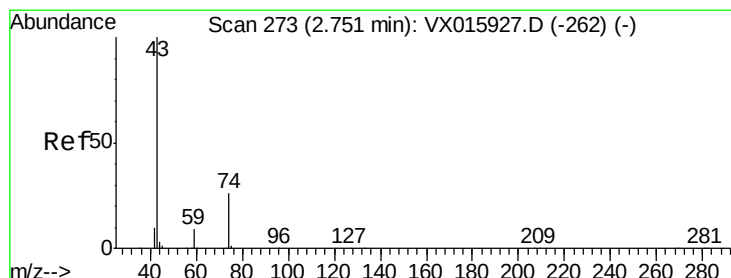
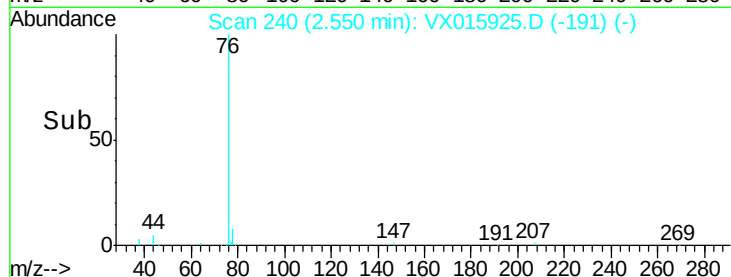
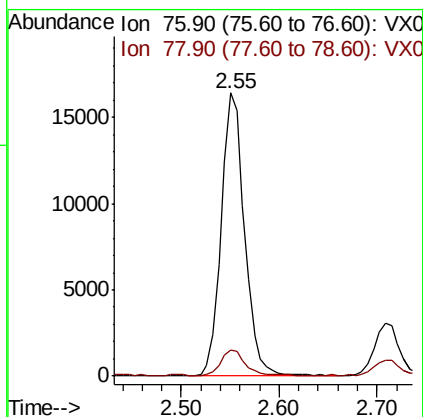
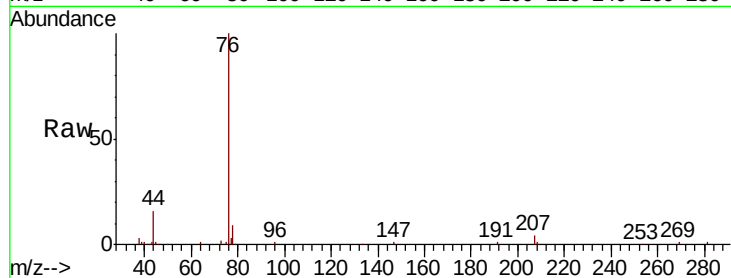




#17
Carbon Disulfide
Concen: 5.073 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

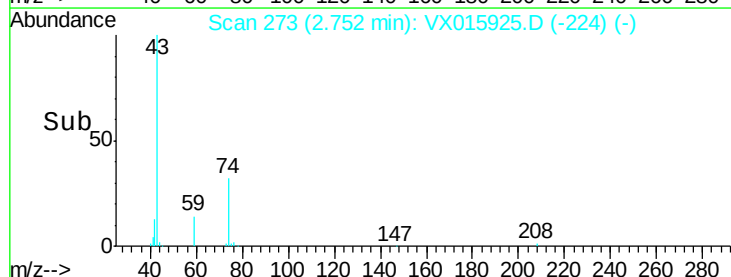
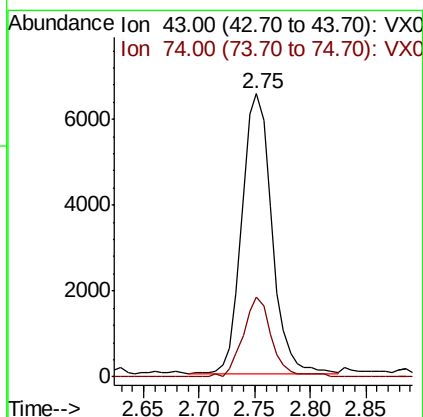
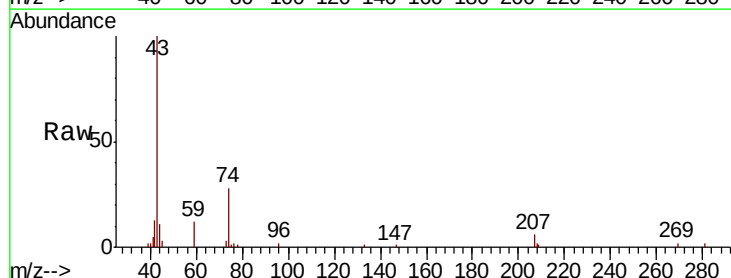
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

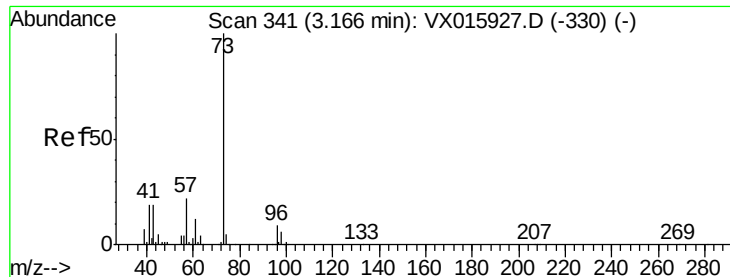
Tot Ion: 76 Resp: 27183
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 5.223 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 43 Resp: 12273
Ion Ratio Lower Upper
43 100
74 27.0 21.0 31.4



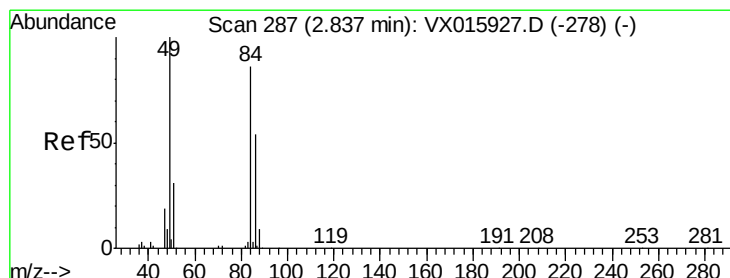
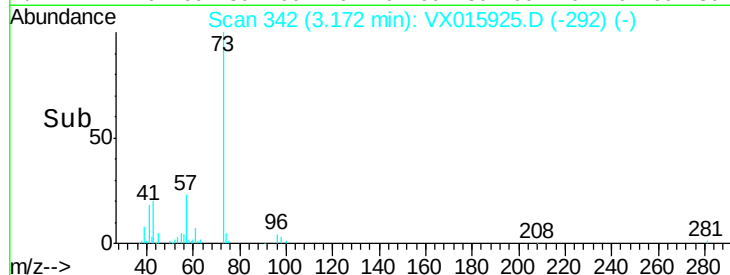
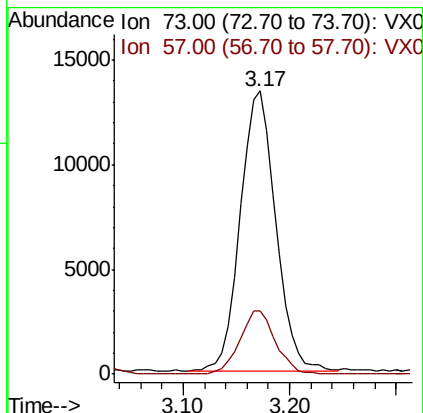
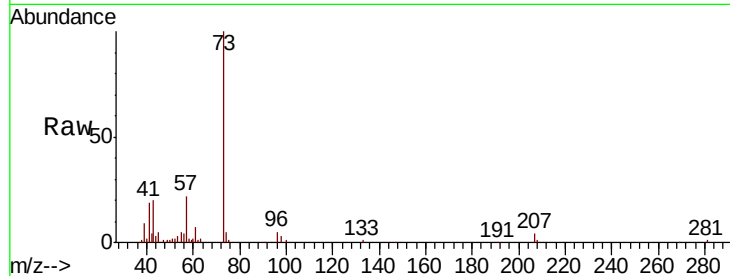


#19

Methyl tert-butyl Ether
 Concen: 5.228 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

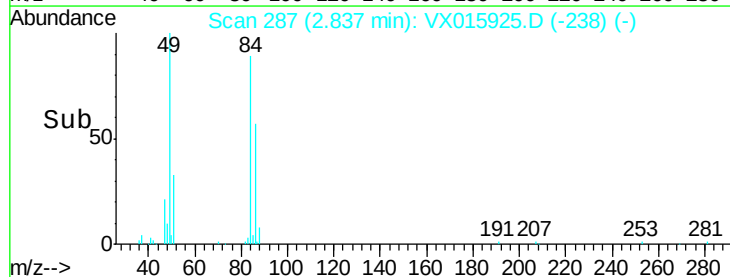
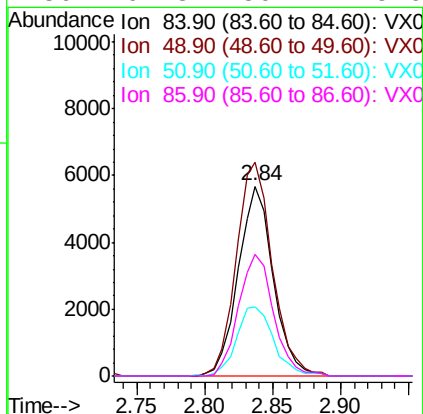
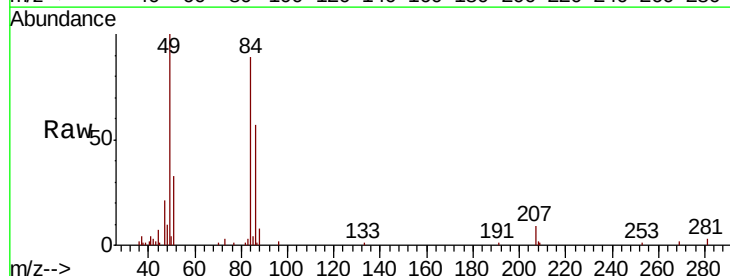
Tot Ion: 73 Resp: 31185
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.3 25.9

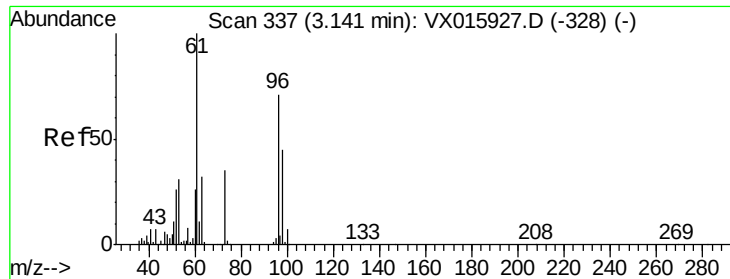


#20

Methylene Chloride
 Concen: 5.247 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 84 Resp: 10186
 Ion Ratio Lower Upper
 84 100
 49 112.7 93.0 139.6
 51 36.7 28.6 43.0
 86 64.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 5.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

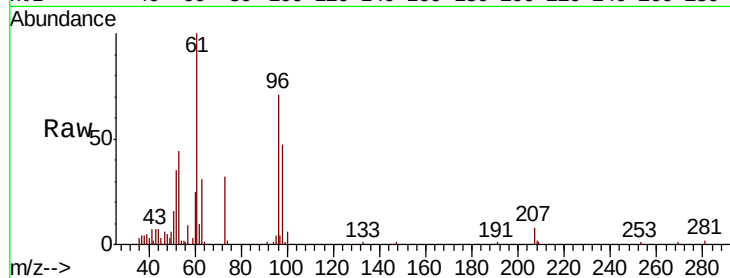
Tot Ion: 96 Resp: 9843

Ion Ratio Lower Upper

96 100

61 143.2 112.7 169.1

98 67.3 51.0 76.4

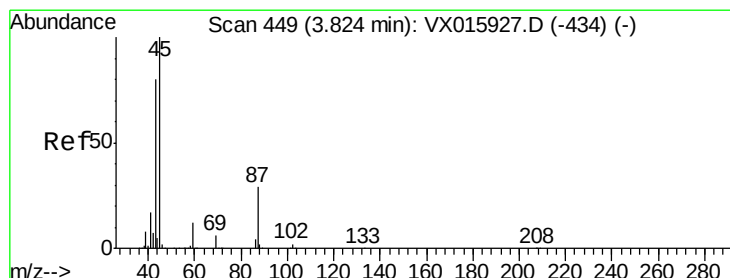
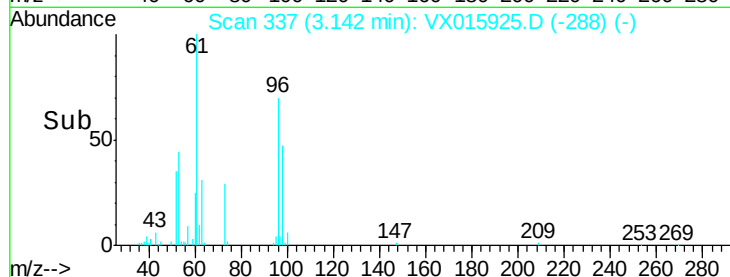


Abundance Ion 95.90 (95.60 to 96.60): VX015925.D (-288) (-)

Ion 60.90 (60.60 to 61.60): VX015925.D (-288) (-)

Ion 97.90 (97.60 to 98.60): VX015925.D (-288) (-)

Time-->



#22

Diisopropyl ether

Concen: 5.262 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion: 45 Resp: 30825

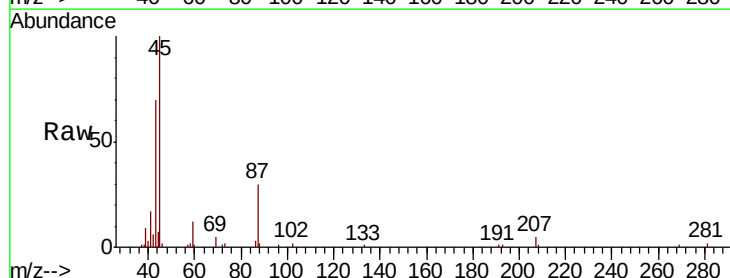
Ion Ratio Lower Upper

45 100

43 69.6 63.8 95.6

87 29.8 22.9 34.3

59 12.1 9.5 14.3



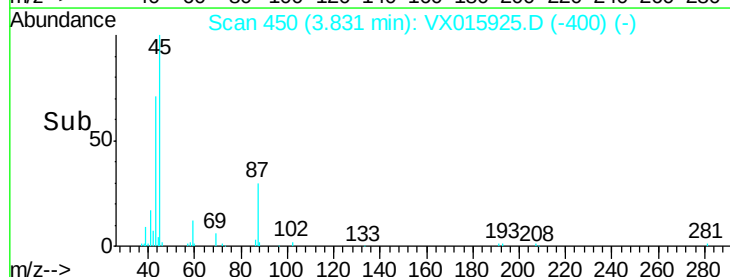
Abundance Ion 45.00 (44.70 to 45.70): VX015925.D (-400) (-)

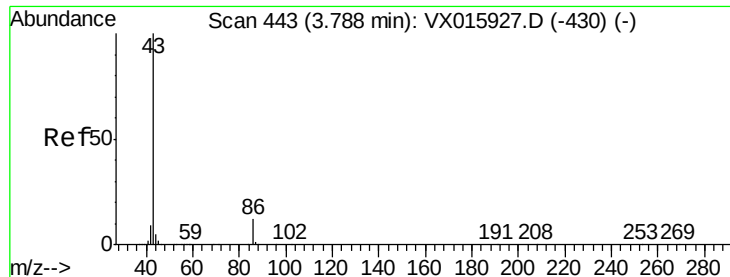
Ion 43.00 (42.70 to 43.70): VX015925.D (-400) (-)

Ion 87.00 (86.70 to 87.70): VX015925.D (-400) (-)

Ion 59.00 (58.70 to 59.70): VX015925.D (-400) (-)

Time-->





#23

Vinyl Acetate

Concen: 26.339 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

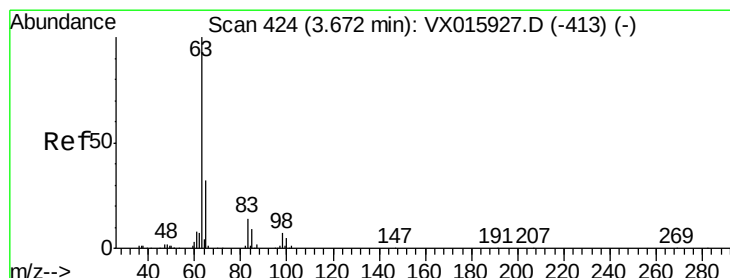
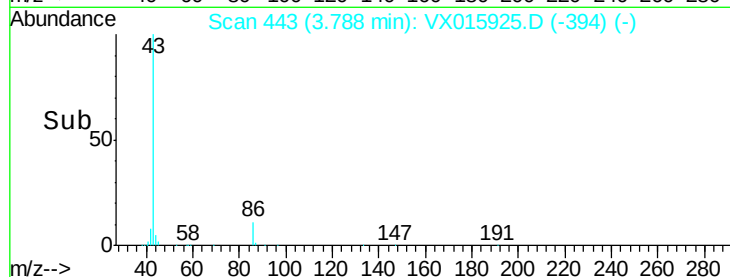
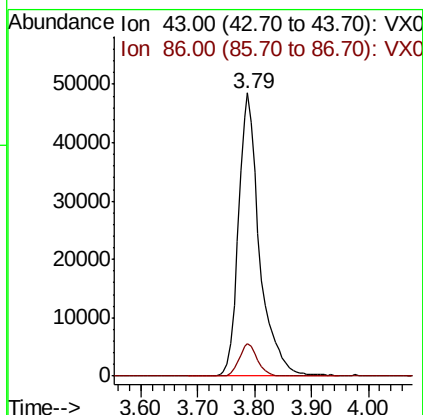
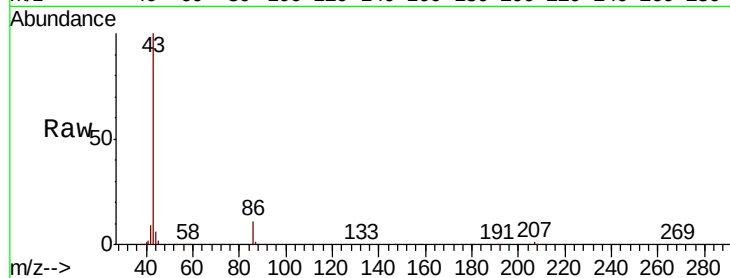
VSTDIC005

Tot Ion: 43 Resp: 125185

Ion Ratio Lower Upper

43 100

86 11.4 9.4 14.2



#24

1,1-Dichloroethane

Concen: 5.279 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

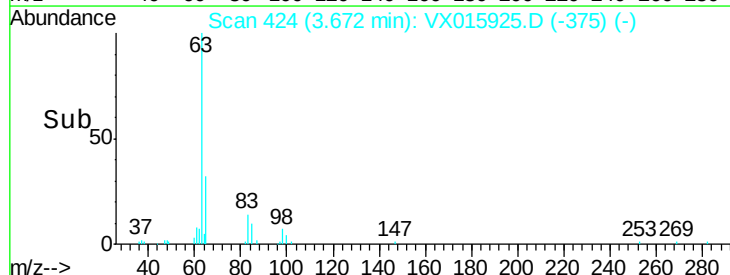
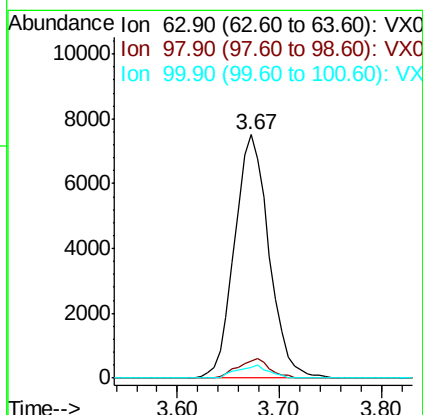
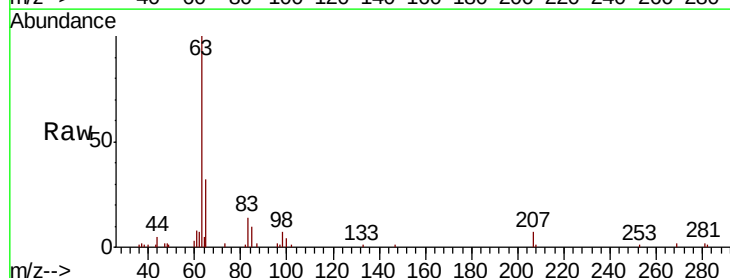
Tgt Ion: 63 Resp: 17598

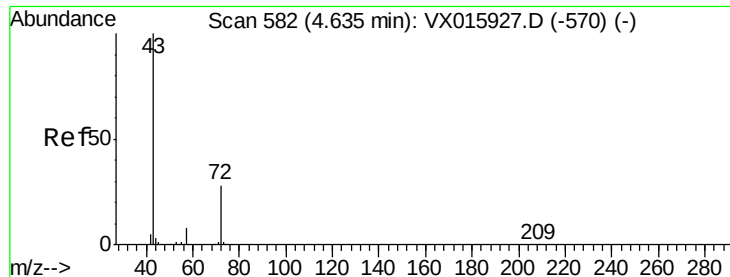
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 25.697 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

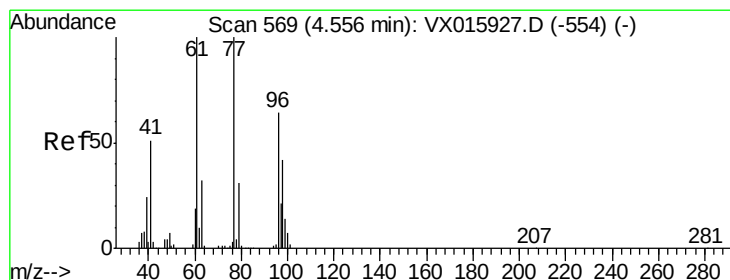
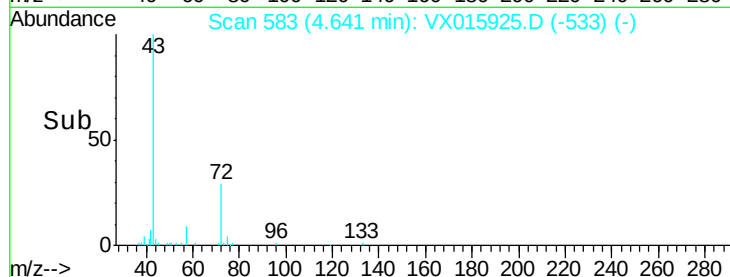
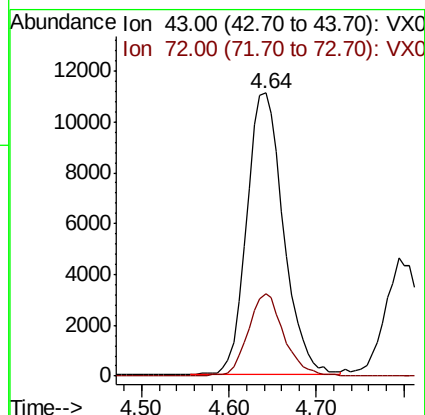
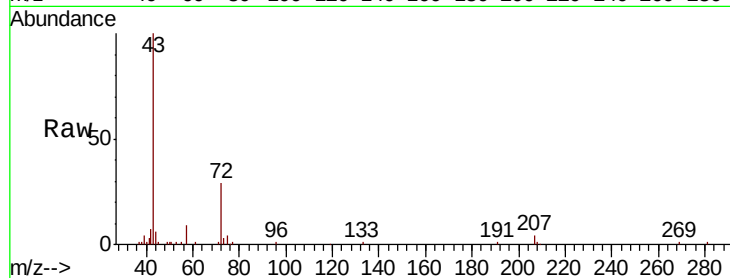
VSTDIC005

Tot Ion: 43 Resp: 32285

Ion Ratio Lower Upper

43 100

72 29.3 22.4 33.6



#26

2,2-Dichloropropane

Concen: 5.428 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015925.D

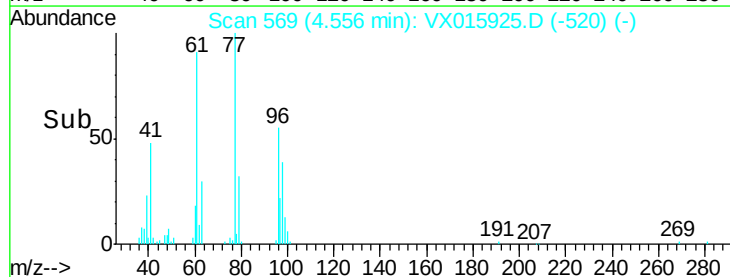
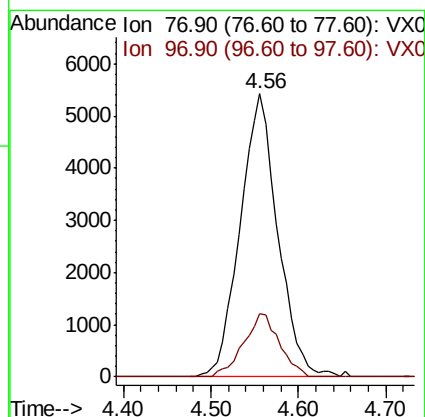
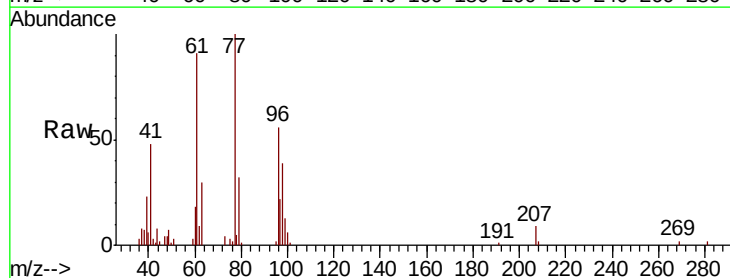
Acq: 24 Apr 2020 11:27

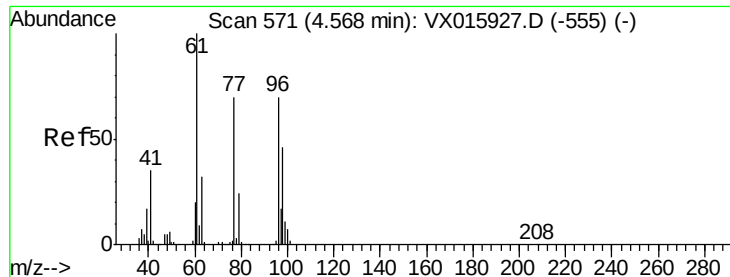
Tgt Ion: 77 Resp: 16149

Ion Ratio Lower Upper

77 100

97 21.2 11.3 33.9



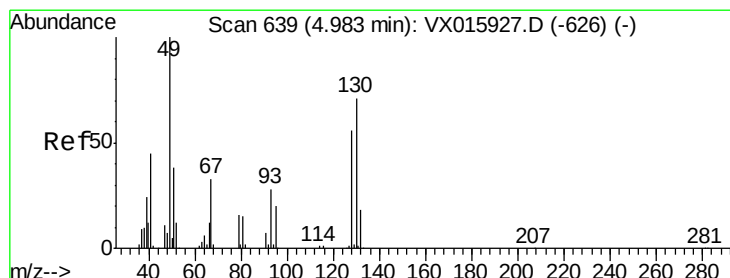
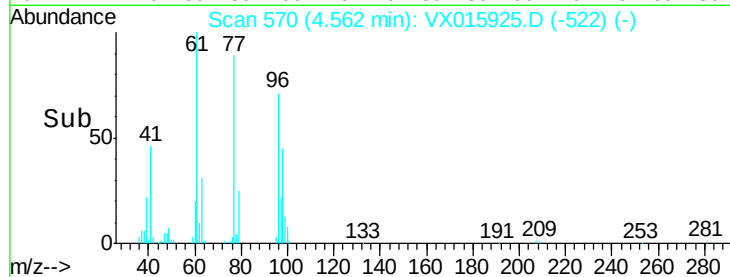
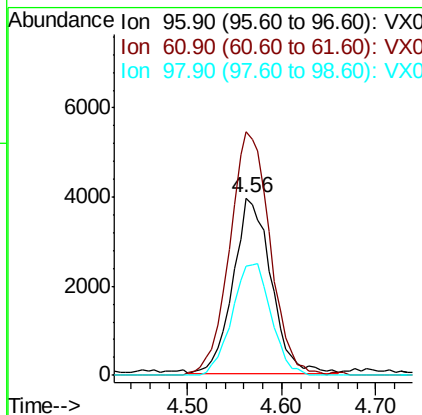
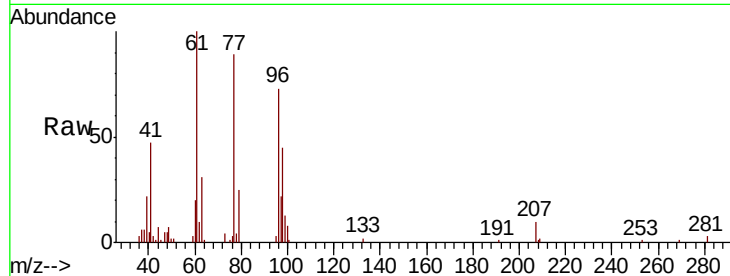


#27

cis-1,2-Dichloroethene
Concen: 5.179 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

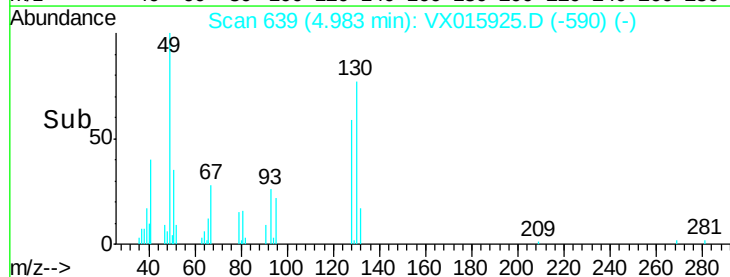
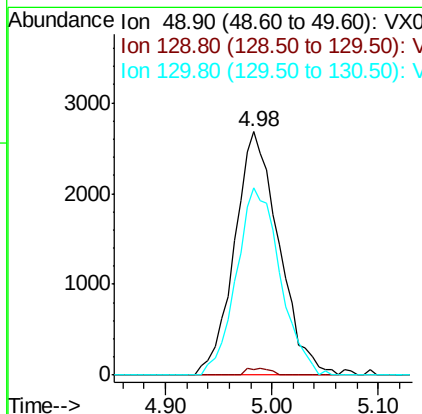
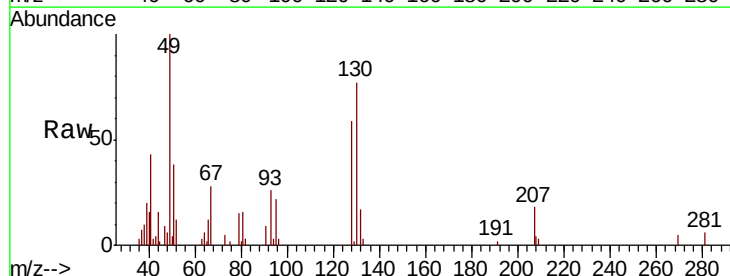
Tot Ion	96	Resp	11013
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	293.4
98	65.5	0.0	129.0

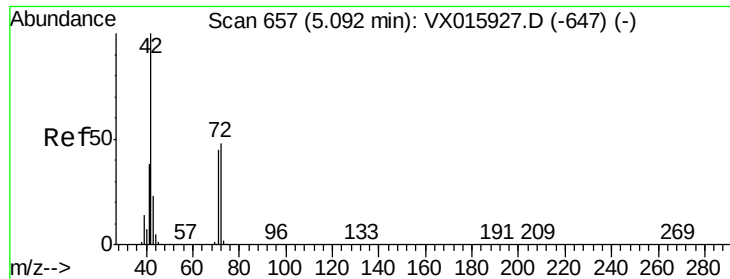


#28

Bromochloromethane
Concen: 5.277 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	49	Resp	7846
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	75.7	60.7	91.1





#29

Tetrahydrofuran

Concen: 25.749 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

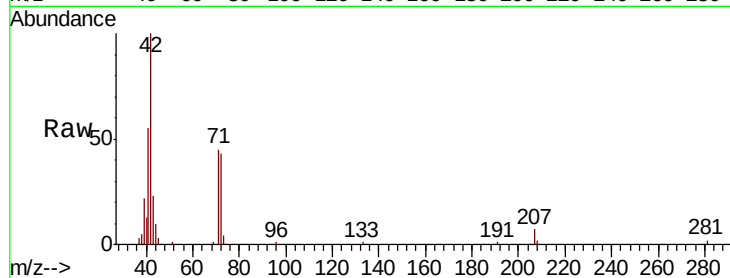
Tot Ion: 42 Resp: 21499

Ion Ratio Lower Upper

42 100

72 48.5 39.5 59.3

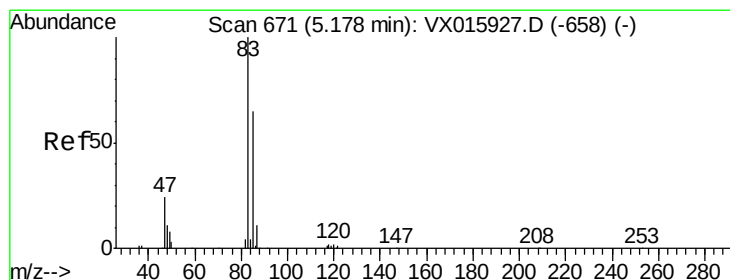
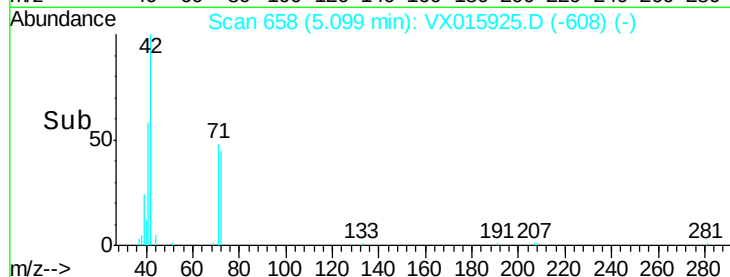
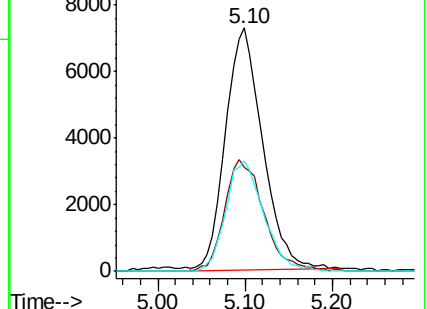
71 46.6 36.4 54.6



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: 5.268 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015925.D

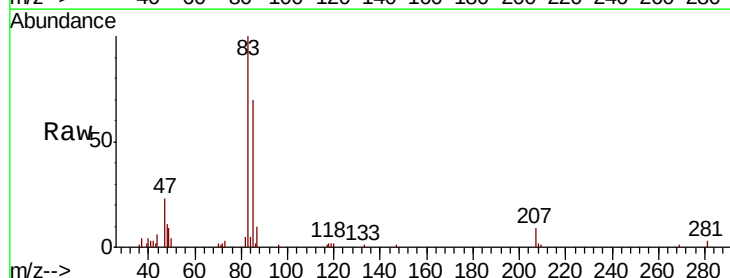
Acq: 24 Apr 2020 11:27

Tgt Ion: 83 Resp: 17358

Ion Ratio Lower Upper

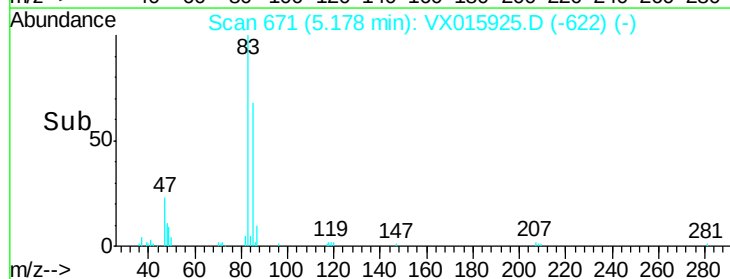
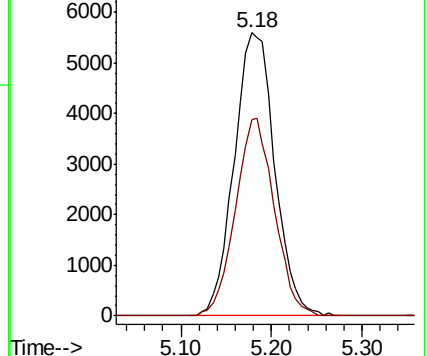
83 100

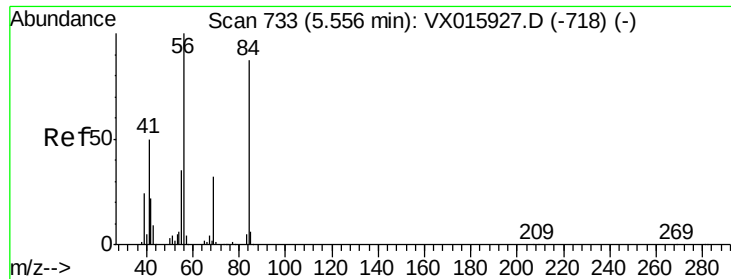
85 69.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

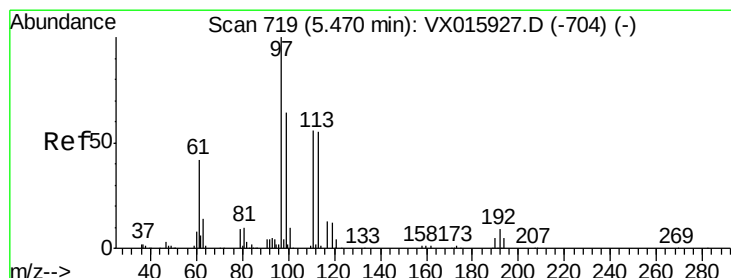
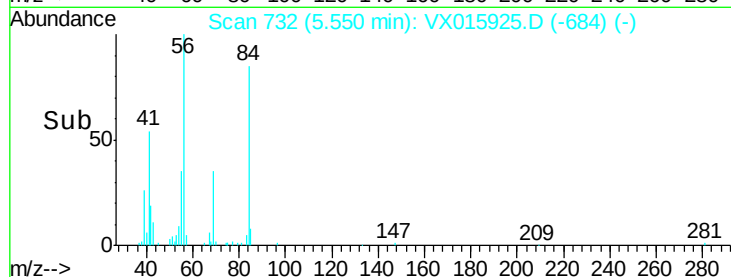
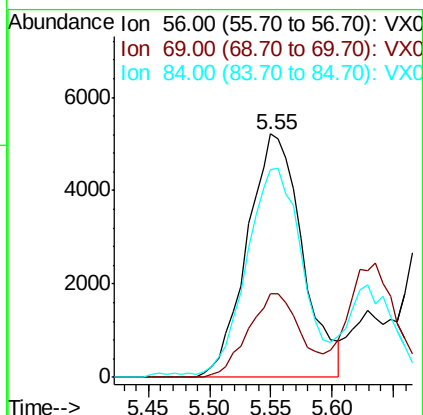
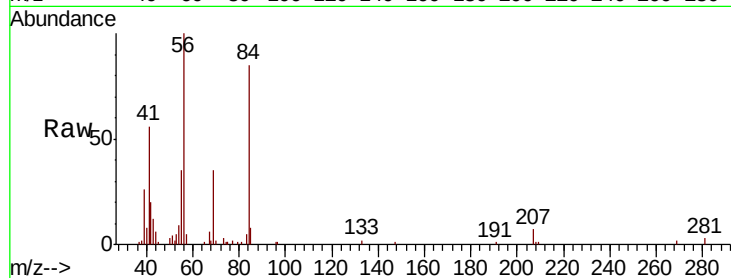




#31
Cyclohexane
Concen: 5.385 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

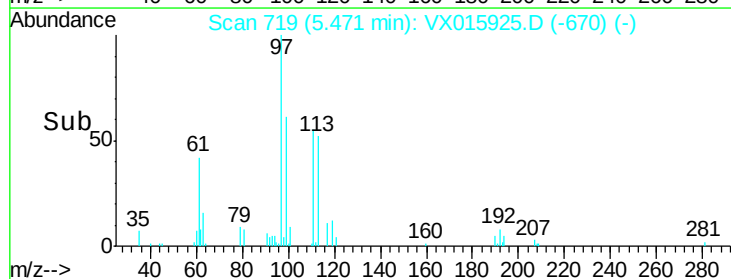
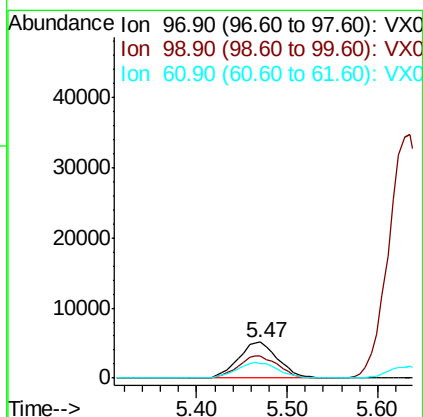
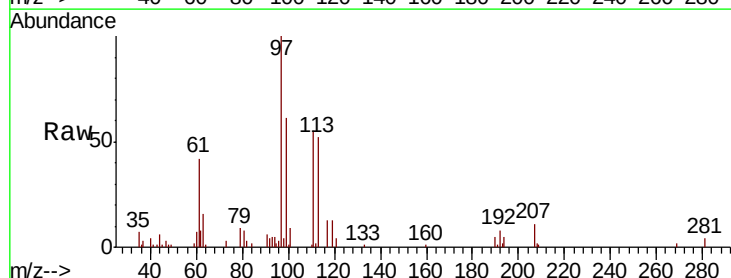
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

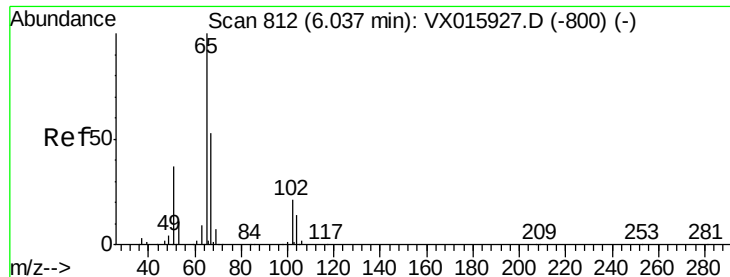
Tot Ion: 56 Resp: 16322
Ion Ratio Lower Upper
56 100
69 34.6 25.4 38.0
84 83.9 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 5.199 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 97 Resp: 15536
Ion Ratio Lower Upper
97 100
99 62.3 51.1 76.7
61 45.0 35.0 52.4

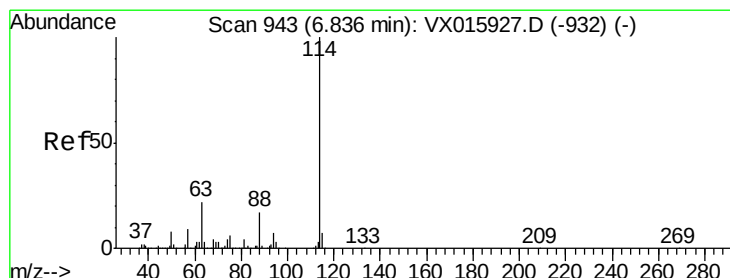
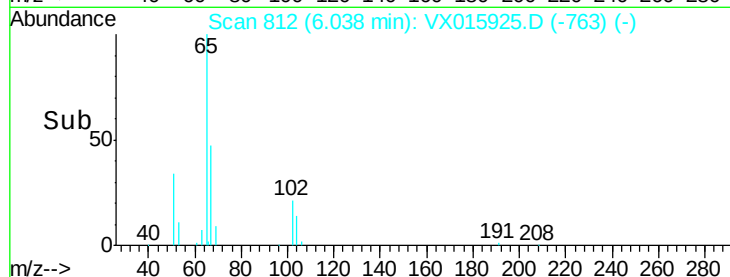
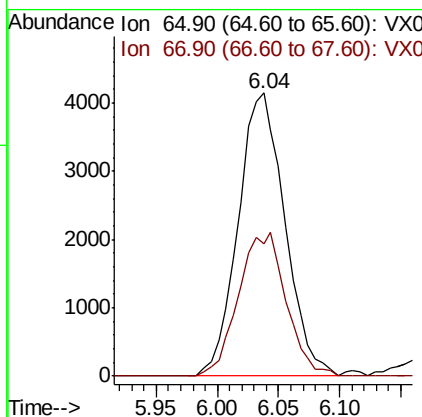
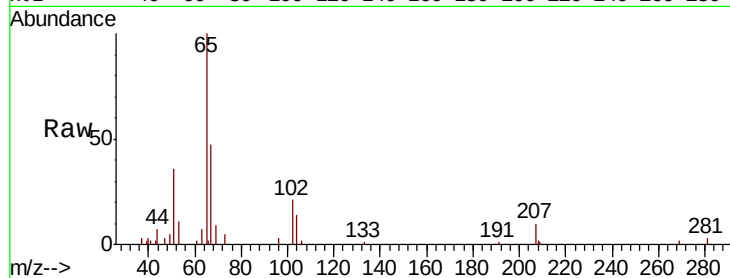




#33
 1,2-Dichloroethane-d4
 Concen: 5.199 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

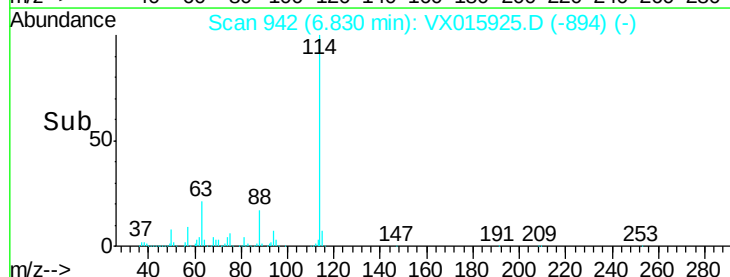
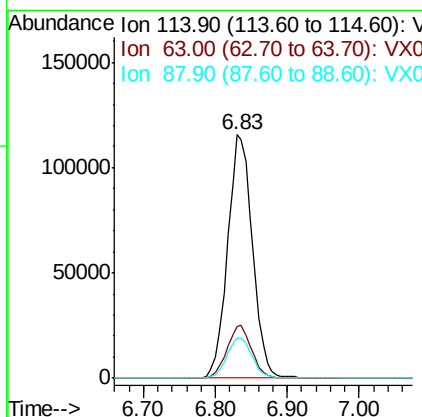
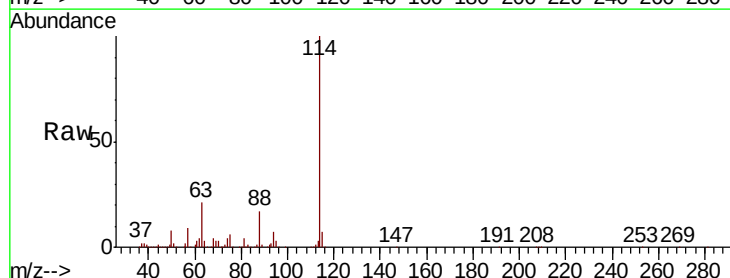
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

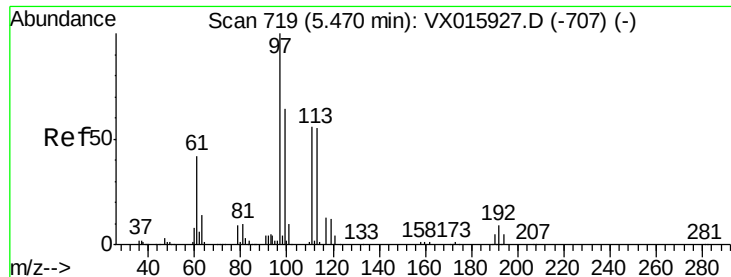
Tot Ion: 65 Resp: 10996
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 114 Resp: 277319
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.4
 88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 5.092 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

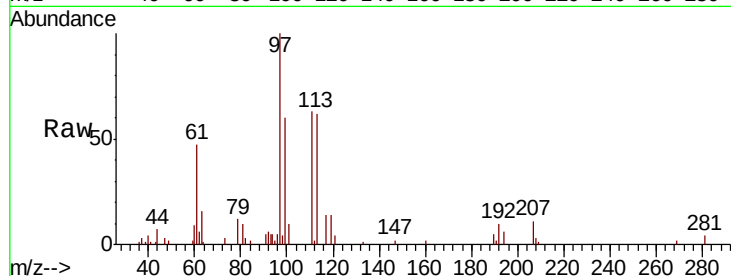
Tot Ion:113 Resp: 7857

Ion Ratio Lower Upper

113 100

111 106.3 81.2 121.8

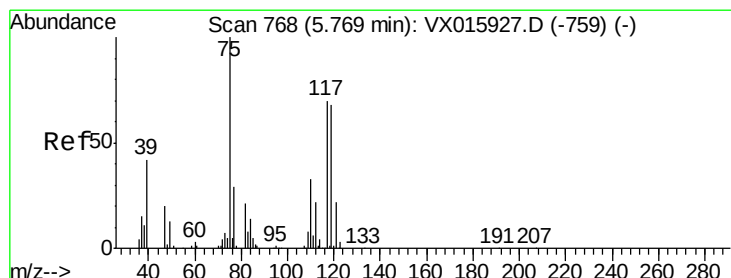
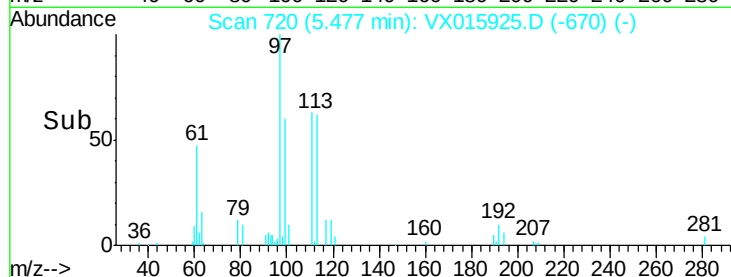
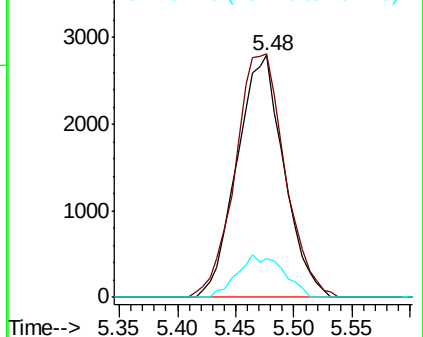
192 17.2 13.6 20.4



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: 5.147 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

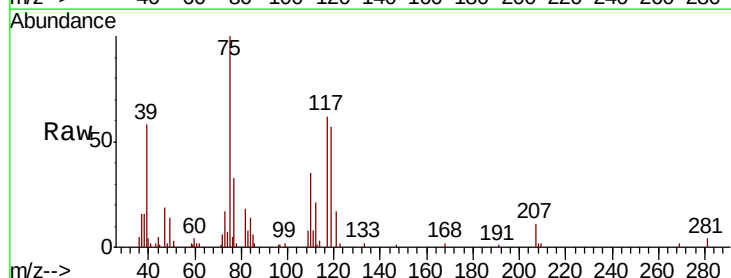
Tgt Ion: 75 Resp: 13503

Ion Ratio Lower Upper

75 100

110 36.2 17.1 51.3

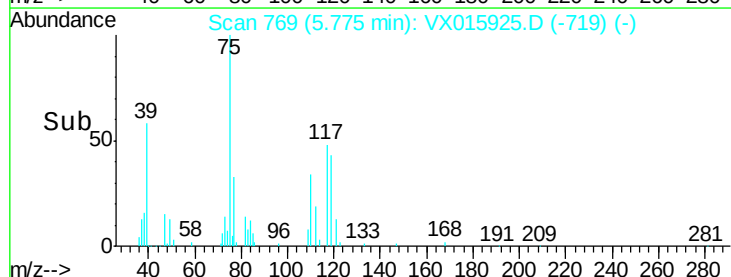
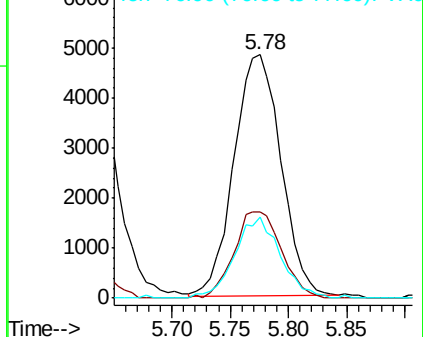
77 32.5 25.0 37.4

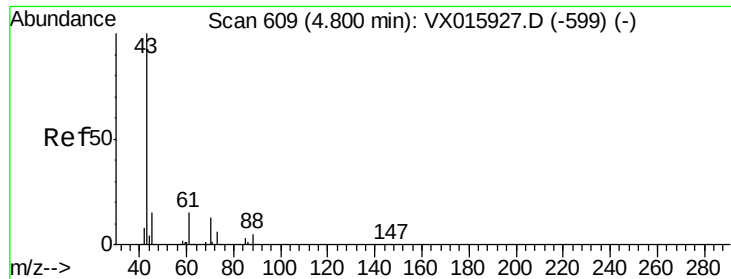


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

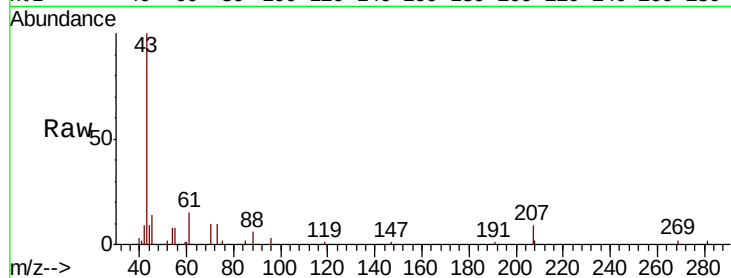




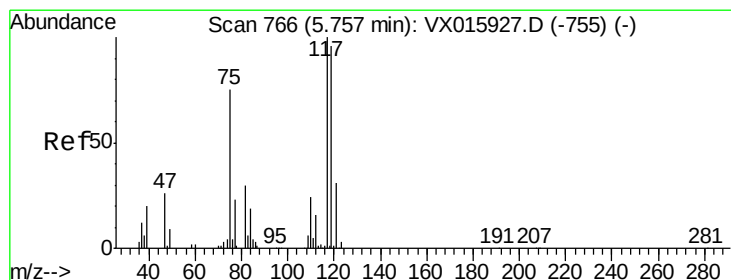
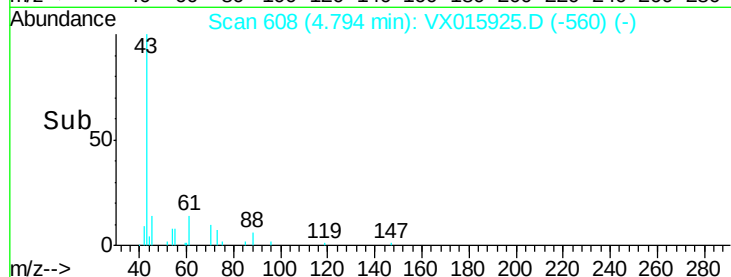
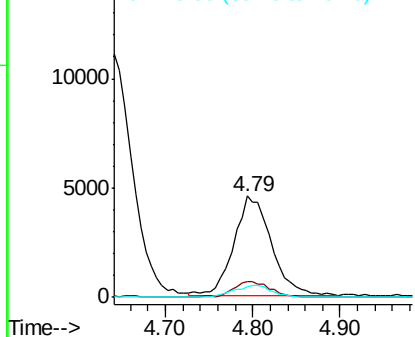
#37
Ethyl Acetate
Concen: 5.129 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 13470
Ion Ratio Lower Upper
43 100
61 15.6 11.6 17.4
70 12.2 9.8 14.6

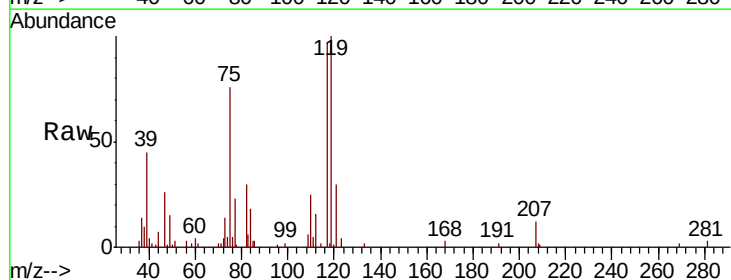


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

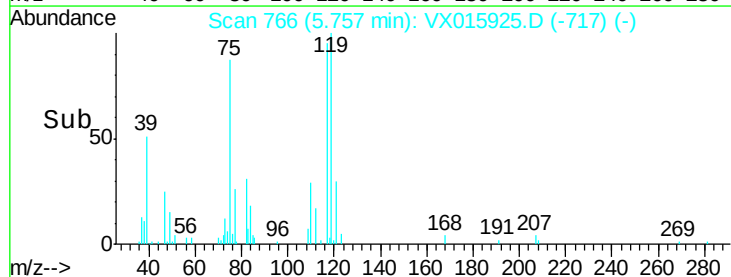
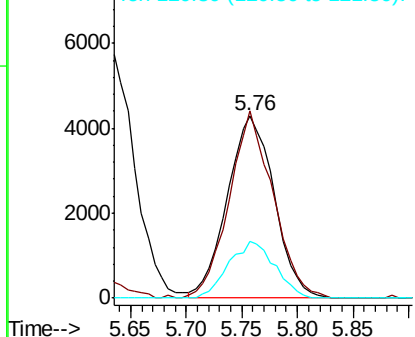


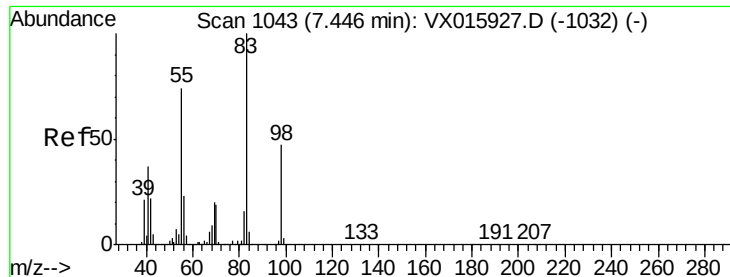
#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 117 Resp: 12551
Ion Ratio Lower Upper
117 100
119 102.8 77.0 115.6
121 31.2 25.0 37.4



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

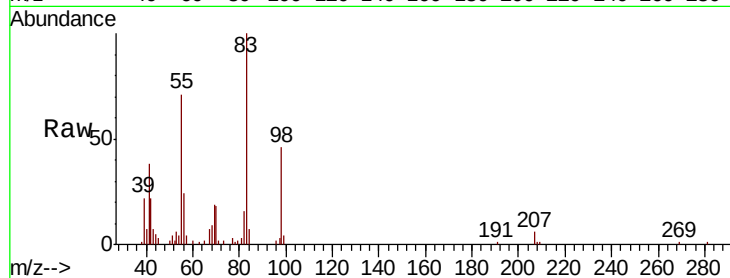




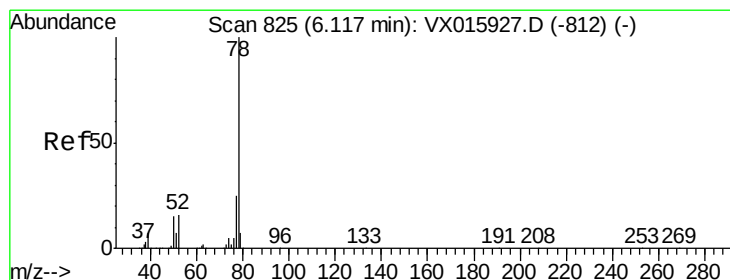
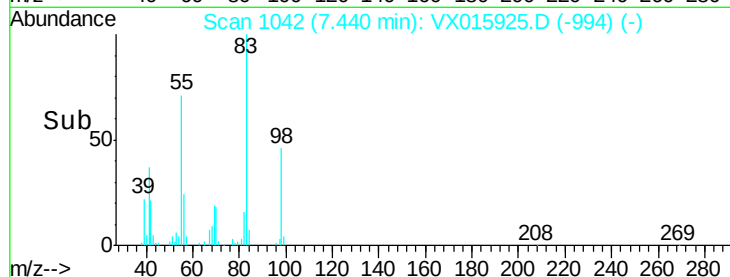
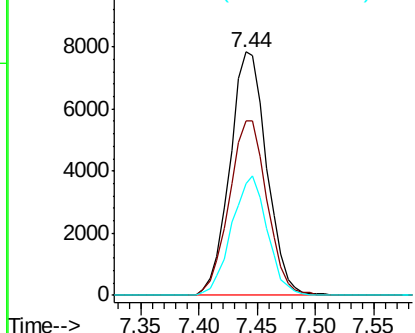
#39
Methylvlcyclohexane
Concen: 5.476 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 17296
Ion Ratio Lower Upper
83 100
55 71.5 59.0 88.4
98 46.2 37.4 56.0

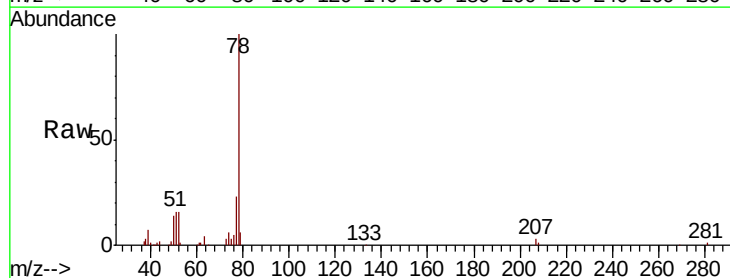


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

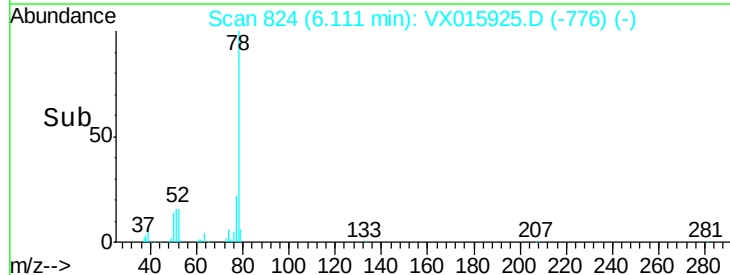
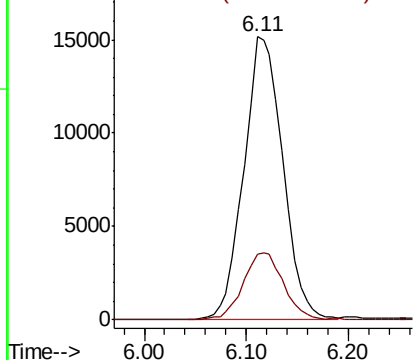


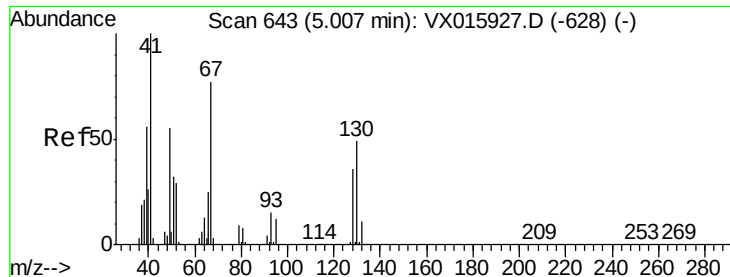
#40
Benzene
Concen: 5.300 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 78 Resp: 40337
Ion Ratio Lower Upper
78 100
77 23.2 19.8 29.8



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

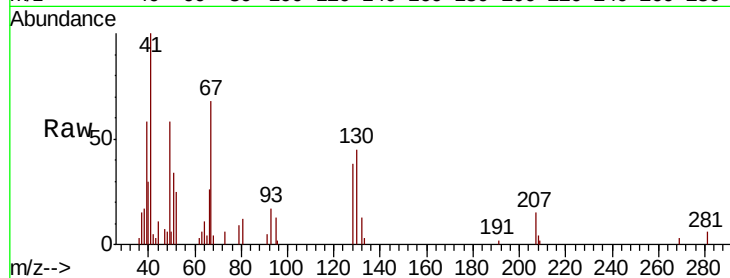




#41
Methacrylonitrile
Concen: 5.027 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	7573
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.8	64.2
67	75.2	62.0	93.0
52	30.5	24.2	36.4



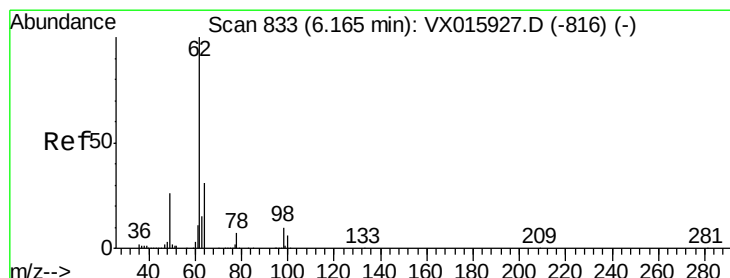
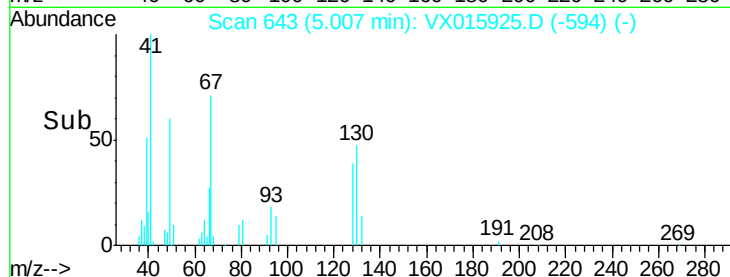
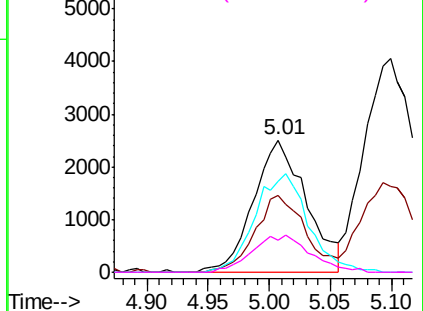
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

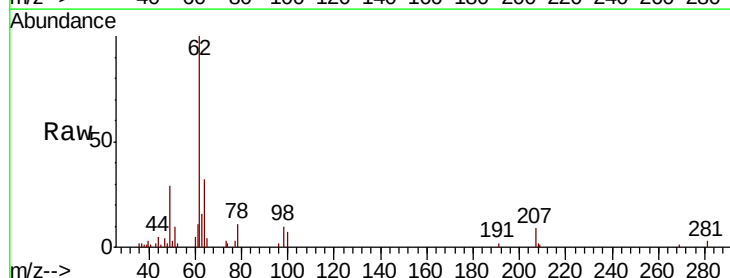
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 5.240 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

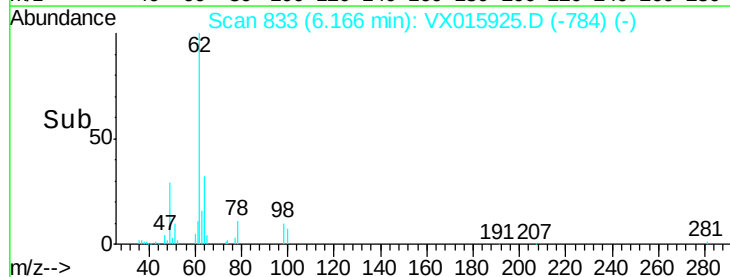
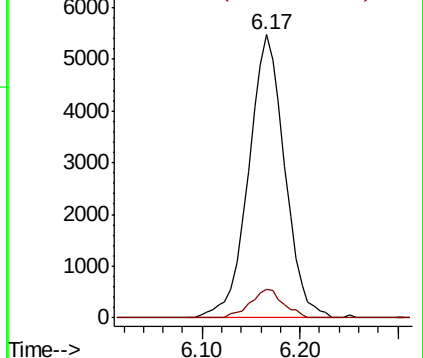
Tgt Ion:	62	Resp:	13979
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.0

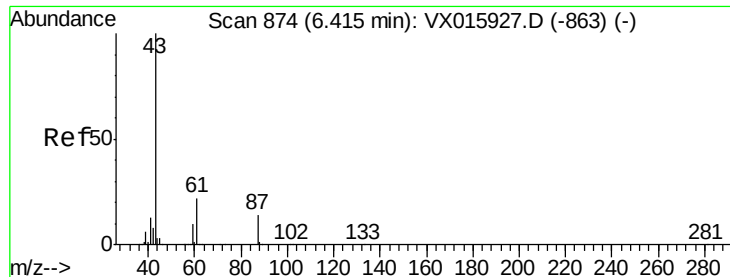


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.220 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

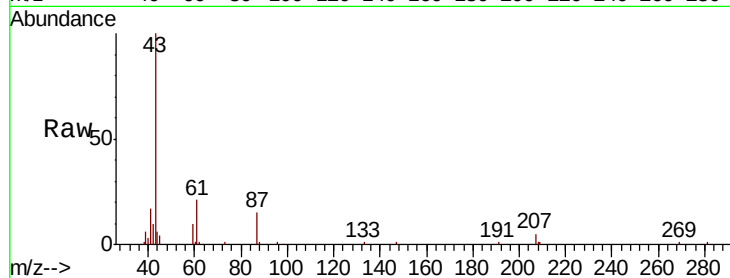
Tot Ion: 43 Resp: 22144

Ion Ratio Lower Upper

43 100

61 22.0 17.6 26.4

87 15.5 11.6 17.4



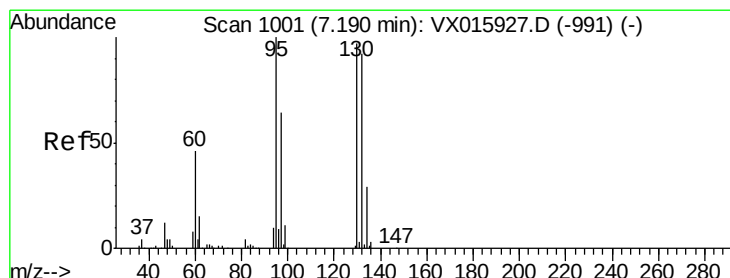
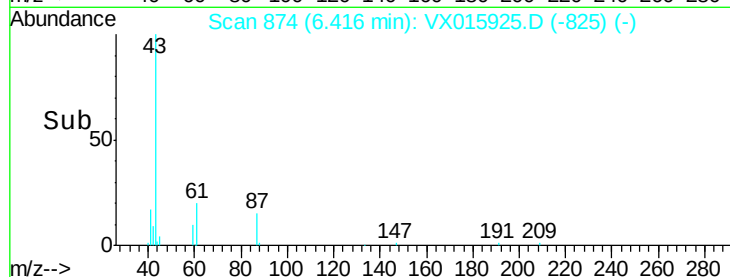
Abundance Ion 43.00 (42.70 to 43.70): VX015925.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX015925.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX015925.D (-825) (-)

6.42

Time-->



#44

Trichloroethene

Concen: 5.363 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015925.D

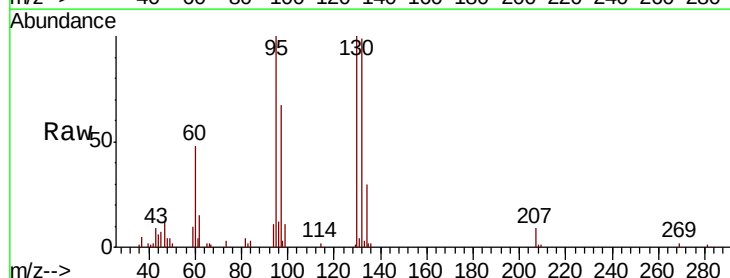
Acq: 24 Apr 2020 11:27

Tgt Ion: 130 Resp: 12684

Ion Ratio Lower Upper

130 100

95 99.8 0.0 205.2

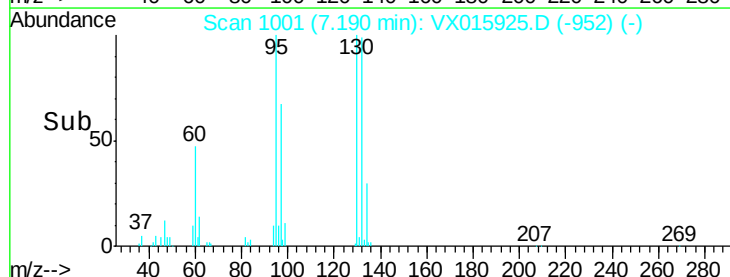


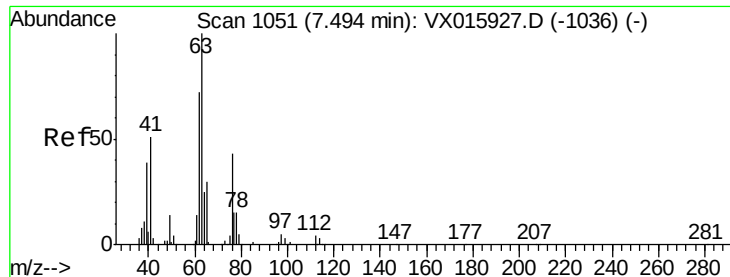
Abundance Ion 129.80 (129.50 to 130.50): VX015925.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX015925.D (-952) (-)

7.19

Time-->

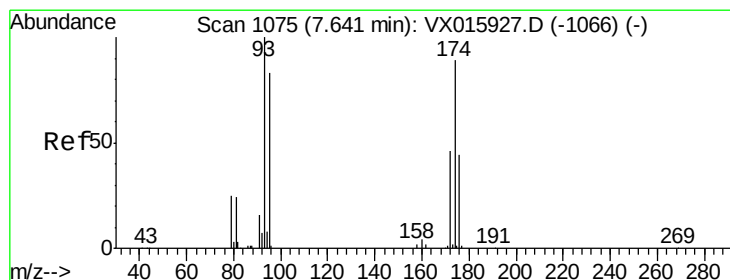
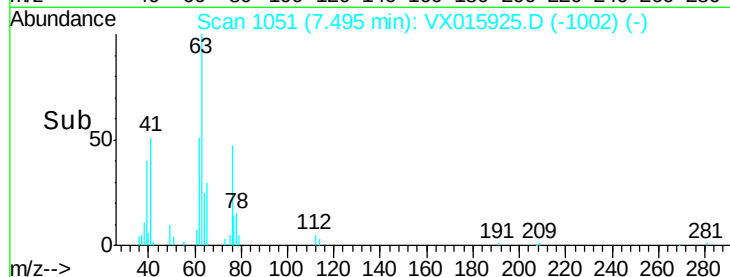
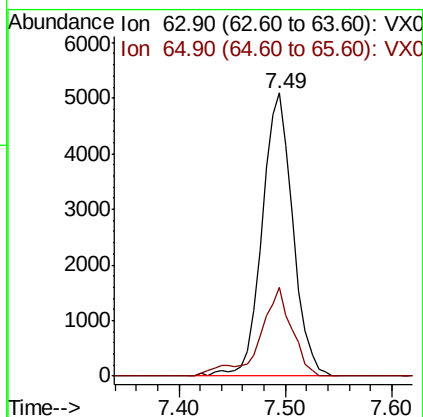
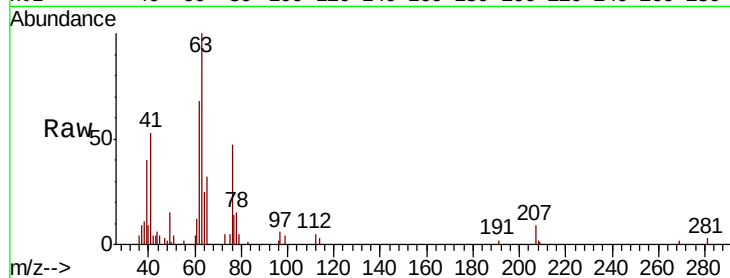




#45
 1,2-Dichloropropane
 Concen: 5.285 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

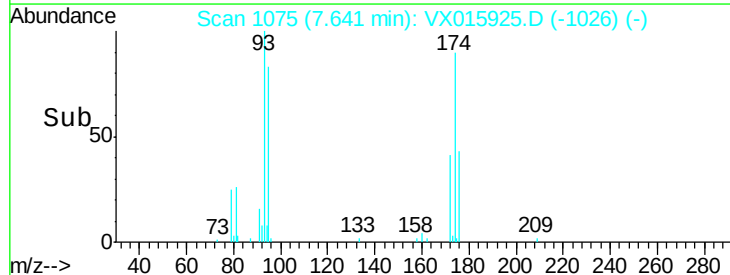
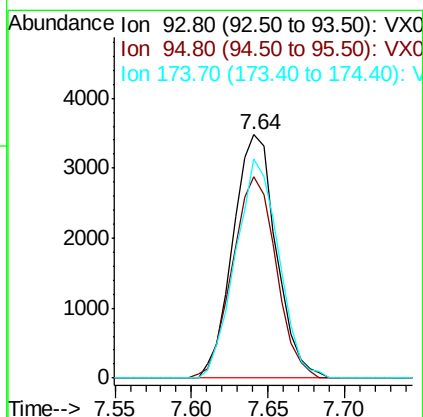
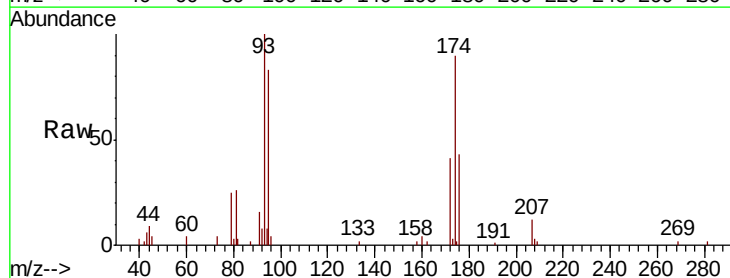
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

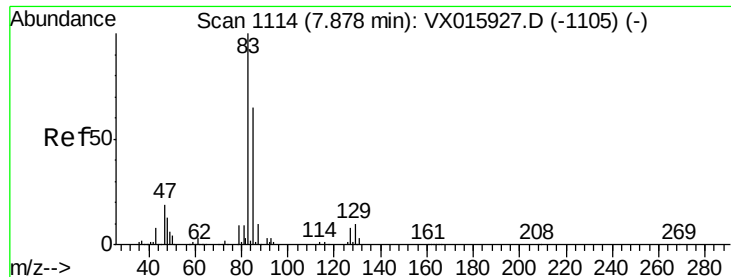
Tot Ion: 63 Resp: 10271
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 5.253 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 93 Resp: 6839
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.7 98.5
 174 89.9 70.6 105.8





#47

Bromodichloromethane

Concen: 5.247 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

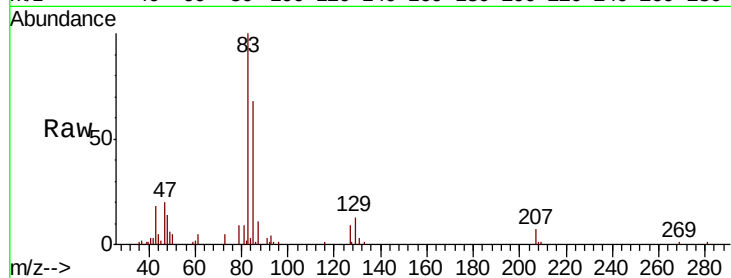
Tot Ion: 83 Resp: 13694

Ion Ratio Lower Upper

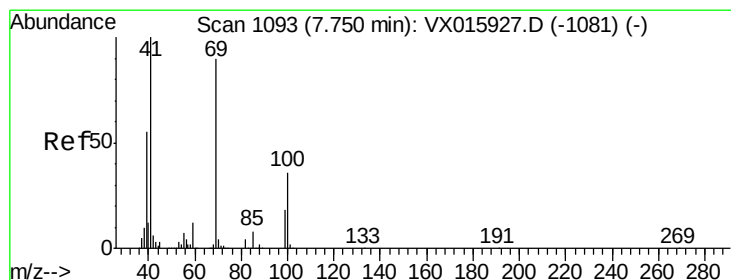
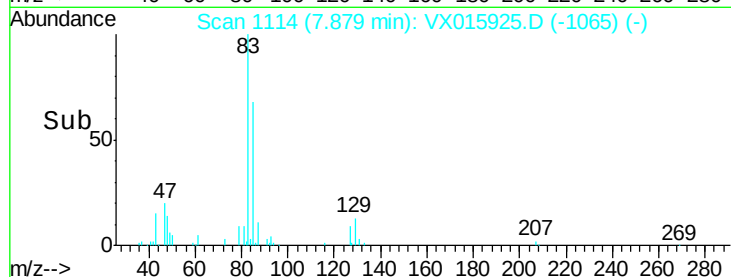
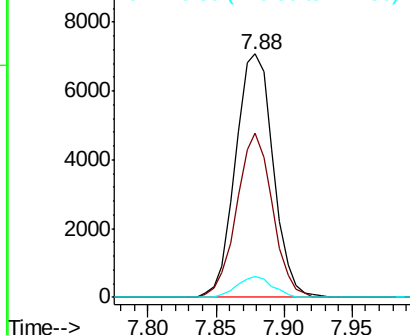
83 100

85 67.6 51.6 77.4

127 8.8 6.7 10.1



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: 5.294 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

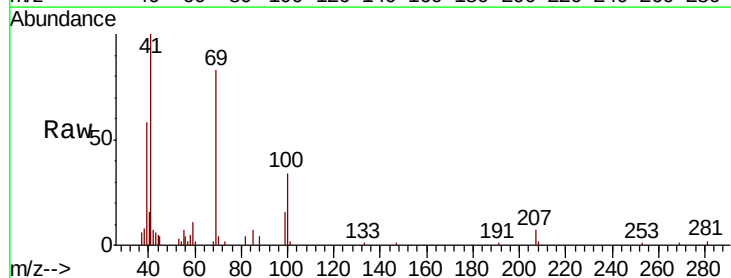
Tgt Ion: 41 Resp: 11065

Ion Ratio Lower Upper

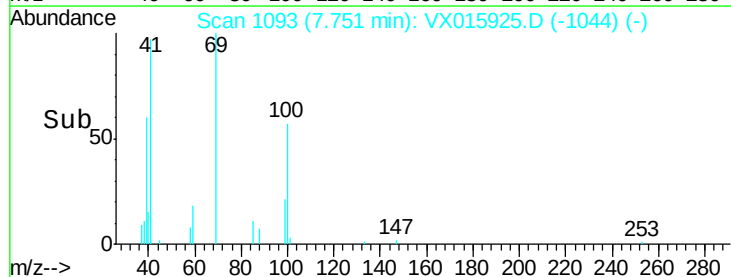
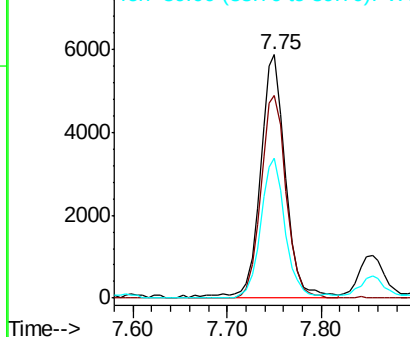
41 100

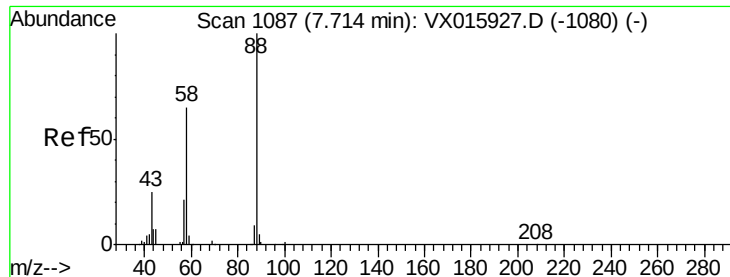
69 83.1 72.0 108.0

39 56.4 44.1 66.1



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: 105.513 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

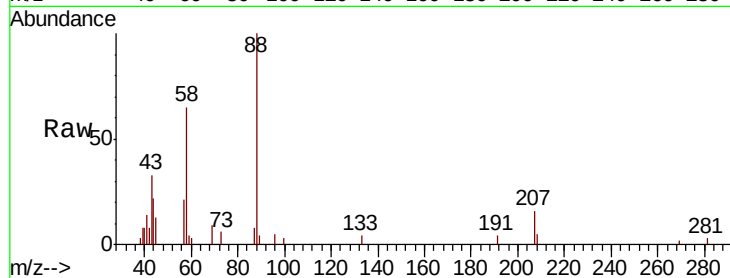
Tot Ion: 88 Resp: 4793

Ion Ratio Lower Upper

88 100

43 36.6 23.8 35.8#

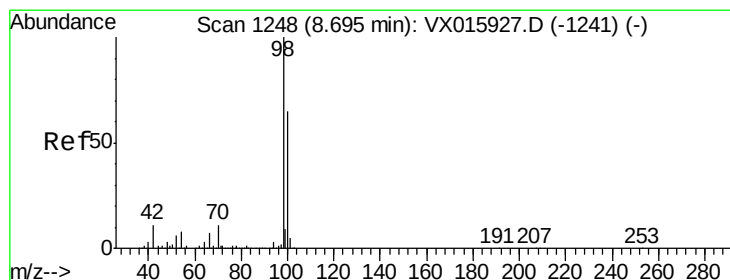
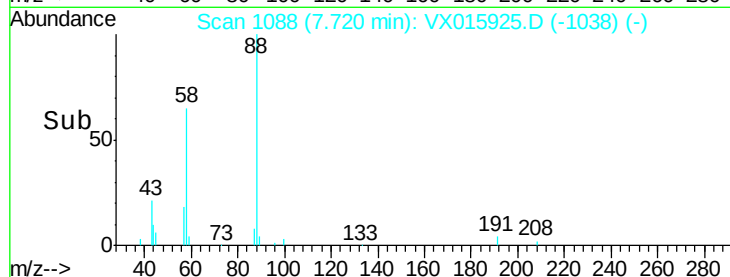
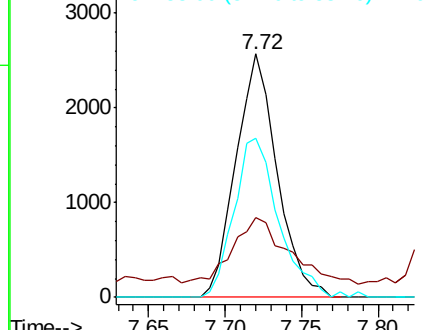
58 71.1 55.7 83.5



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: 5.255 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015925.D

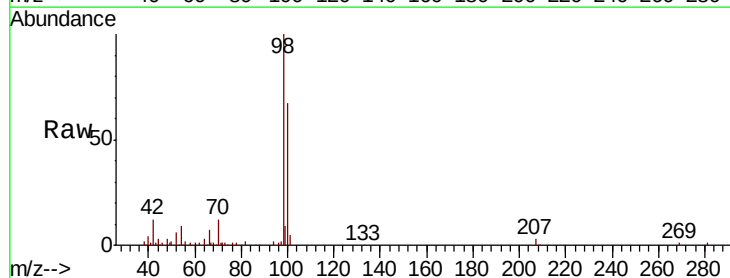
Acq: 24 Apr 2020 11:27

Tgt Ion: 98 Resp: 32777

Ion Ratio Lower Upper

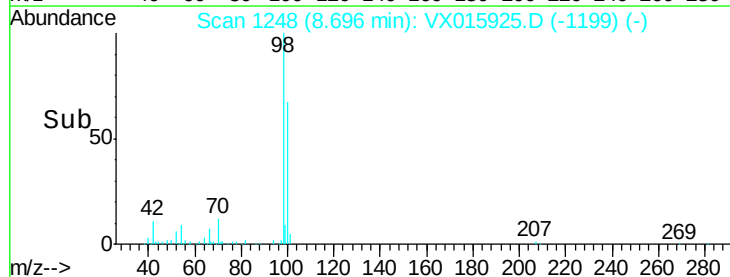
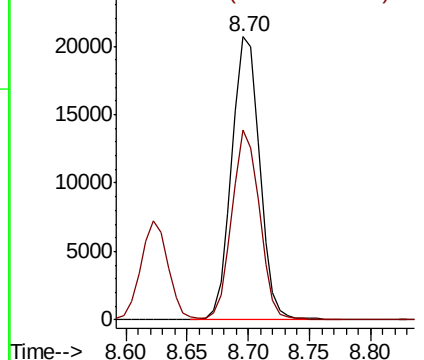
98 100

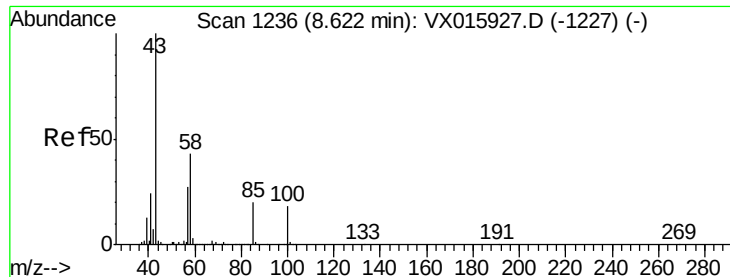
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

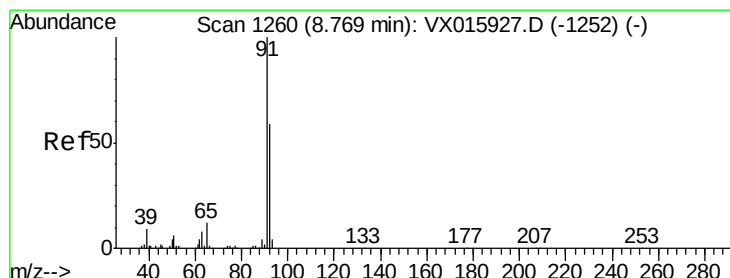
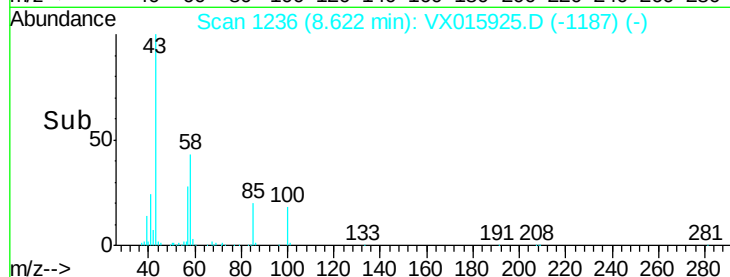
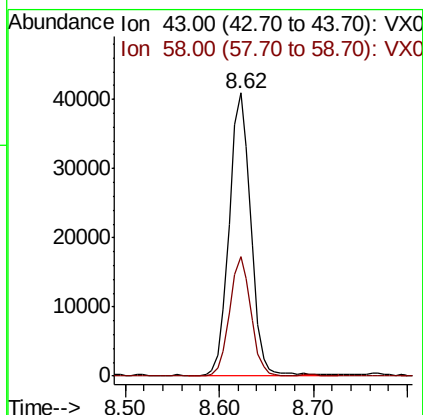
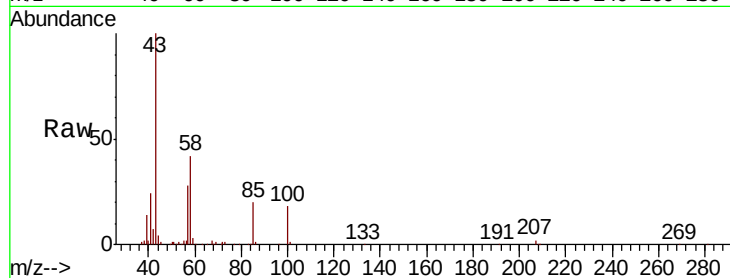




#51
 4-Methyl-2-Pentanone
 Concen: 26.423 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

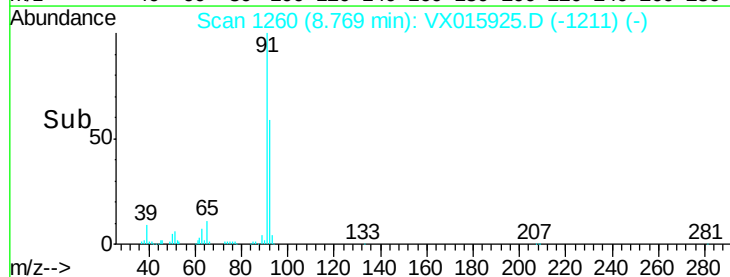
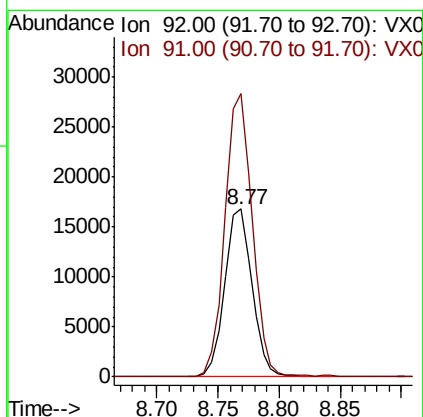
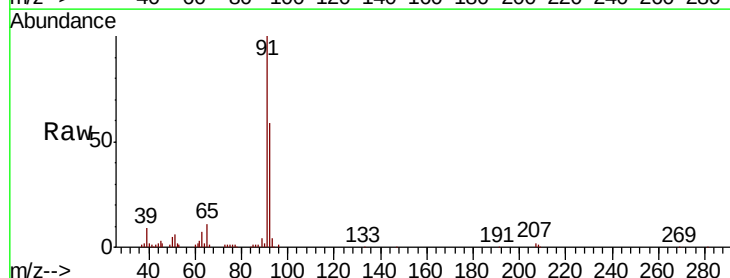
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

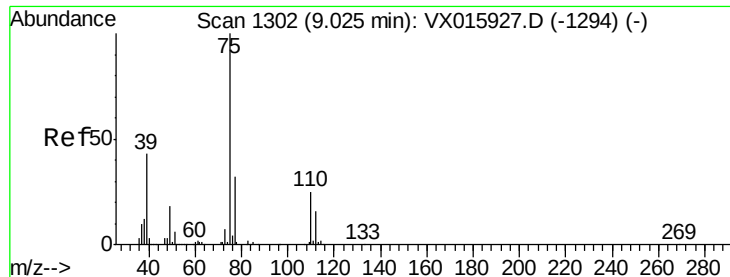
Tot Ion: 43 Resp: 64774
 Ion Ratio Lower Upper
 43 100
 58 41.4 34.2 51.4



#52
 Toluene
 Concen: 5.401 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 92 Resp: 26045
 Ion Ratio Lower Upper
 92 100
 91 169.1 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 5.299 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampled :

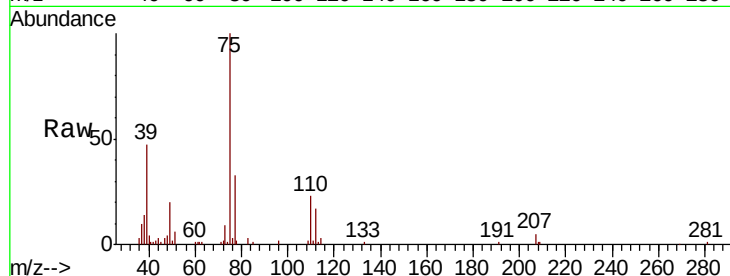
VSTDIC005

Tot Ion: 75 Resp: 16723

Ion Ratio Lower Upper

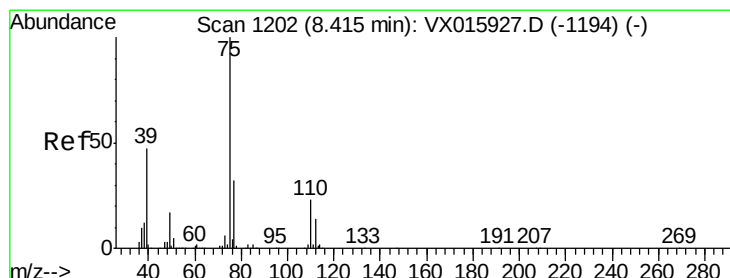
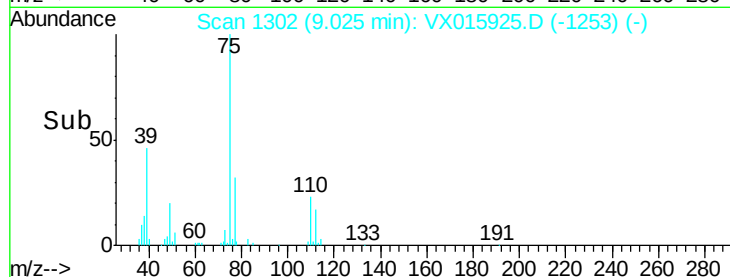
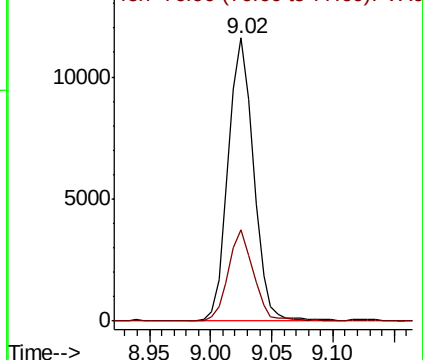
75 100

77 32.5 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.347 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

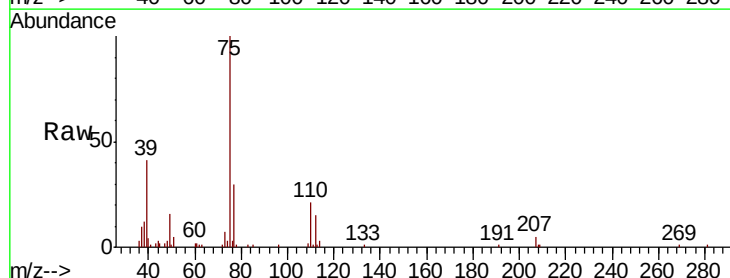
Tgt Ion: 75 Resp: 17638

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8

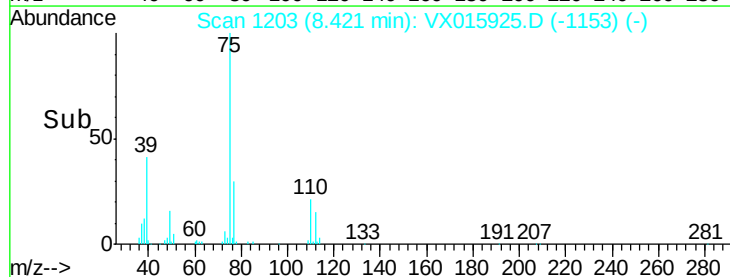
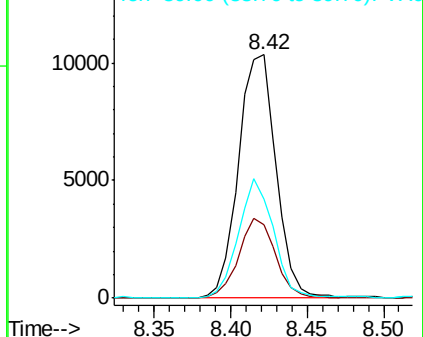
39 40.6 37.2 55.8

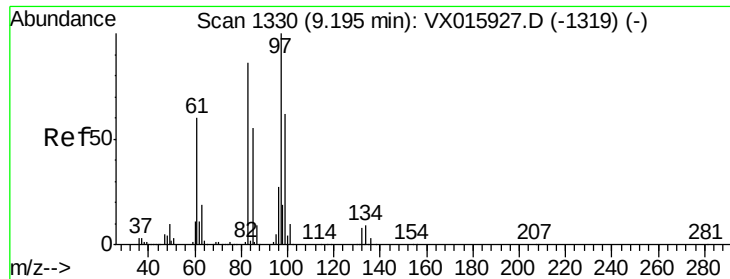


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

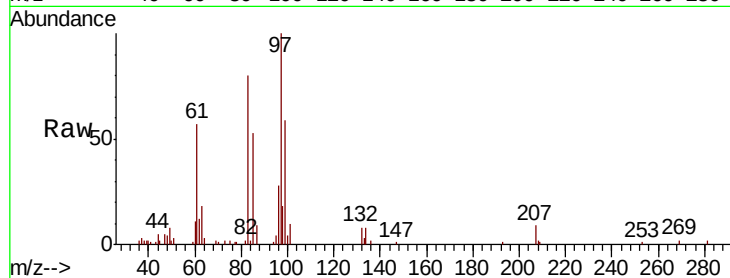




#55
 1,1,2-Trichloroethane
 Concen: 5.353 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	10337
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.6	103.0
85	52.8	44.0	66.0
99	58.9	49.7	74.5



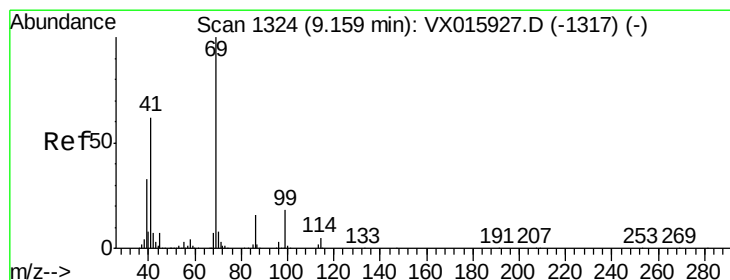
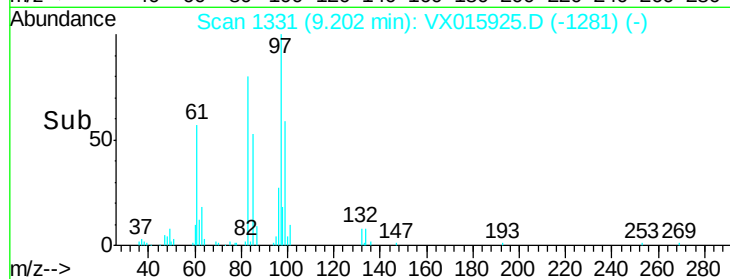
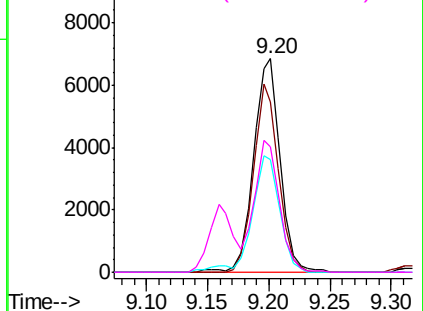
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

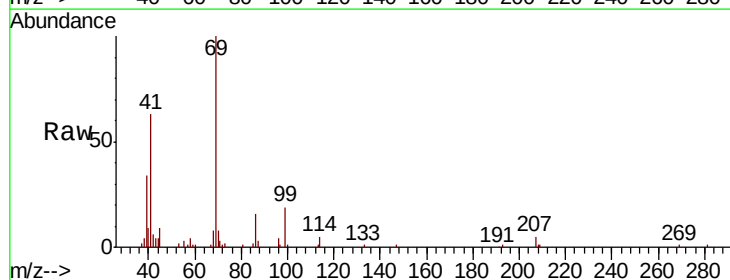
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 5.200 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion:	69	Resp:	15652
Ion	Ratio	Lower	Upper
69	100		
41	64.8	49.2	73.8
39	34.0	26.0	39.0

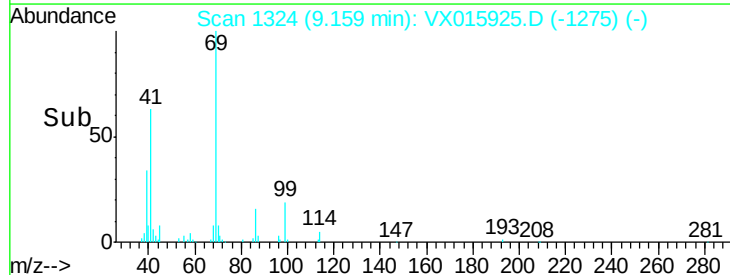
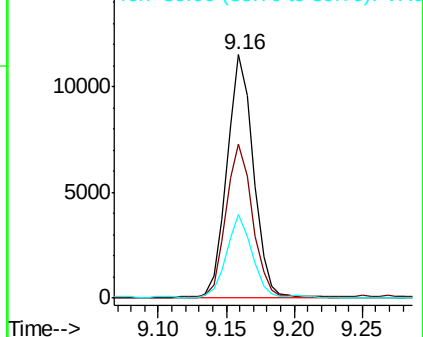


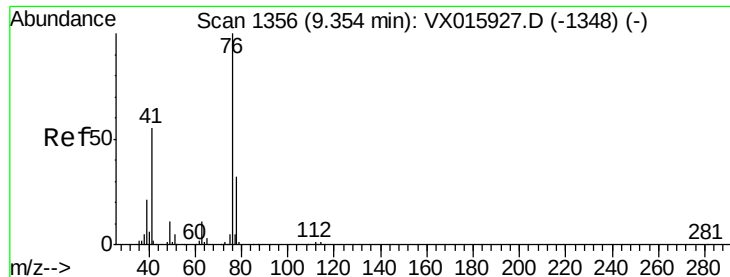
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.347 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

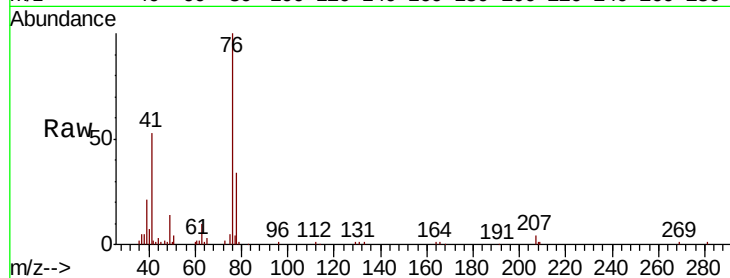
VSTDIC005

Tot Ion: 76 Resp: 17527

Ion Ratio Lower Upper

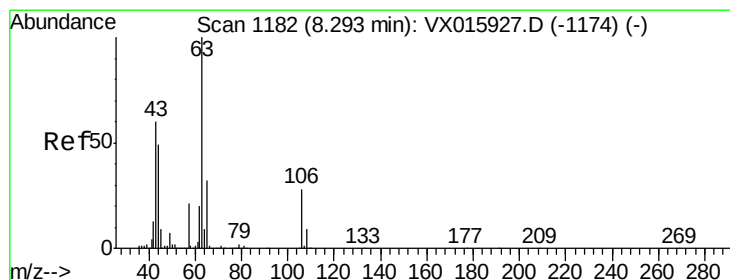
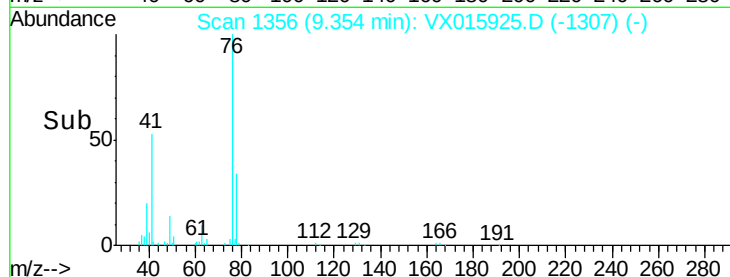
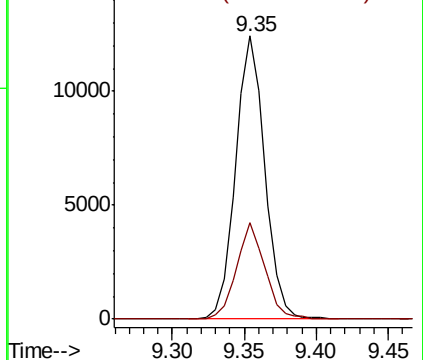
76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 26.580 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015925.D

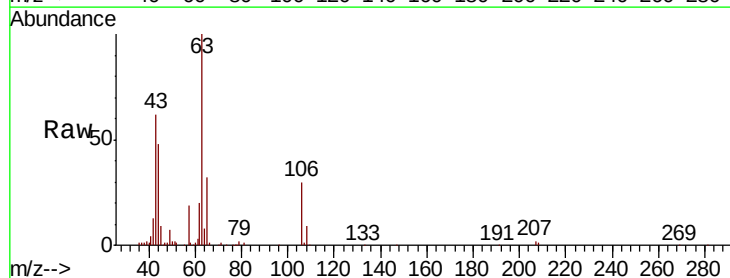
Acq: 24 Apr 2020 11:27

Tgt Ion: 63 Resp: 39778

Ion Ratio Lower Upper

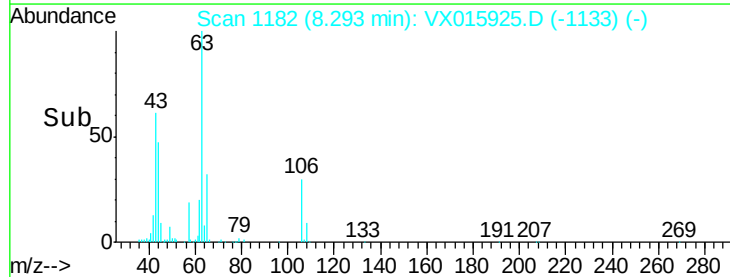
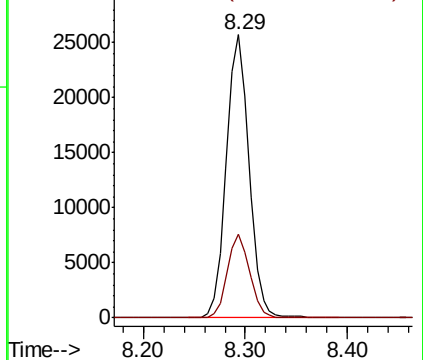
63 100

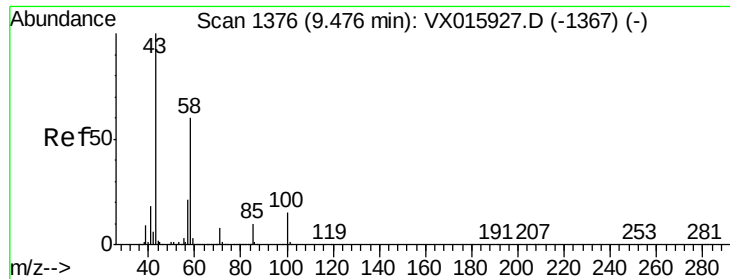
106 28.7 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

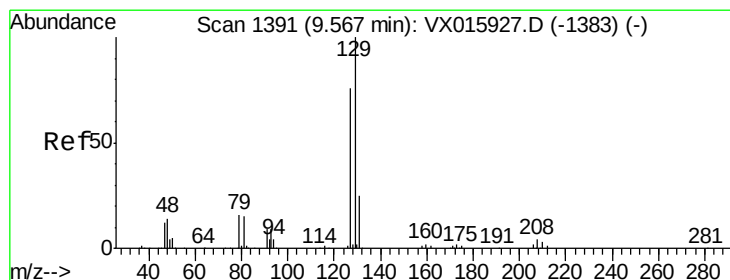
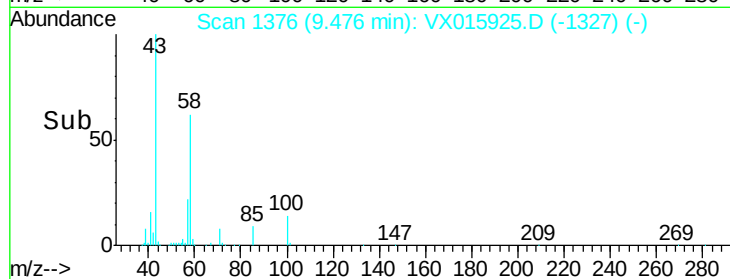
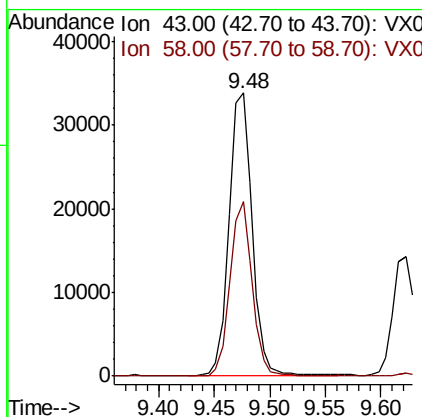
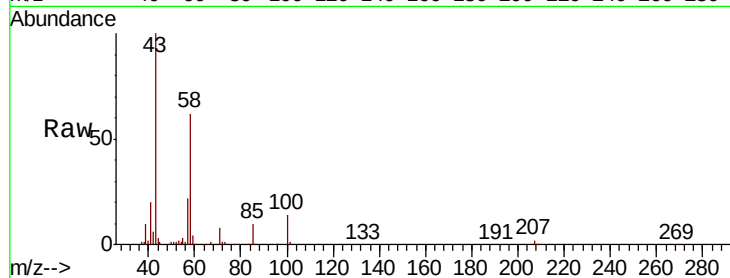




#59
2-Hexanone
Concen: 26.202 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

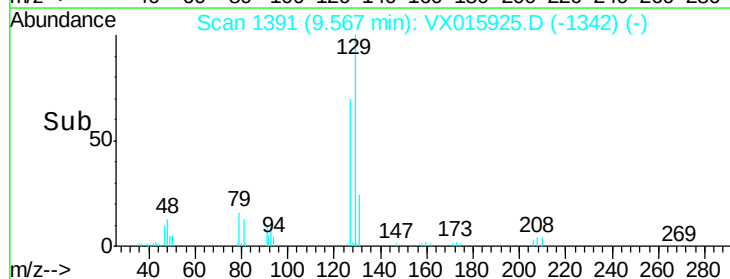
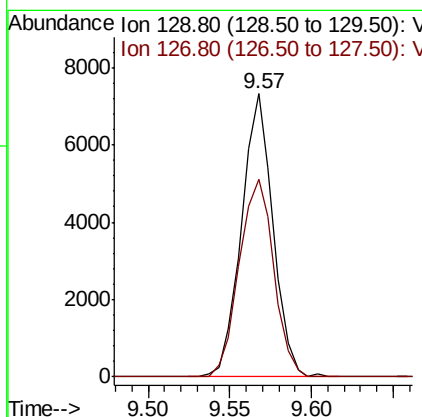
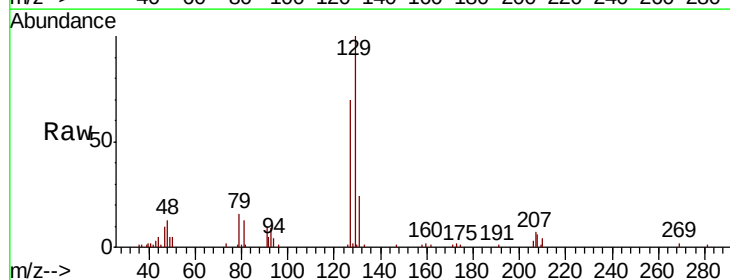
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

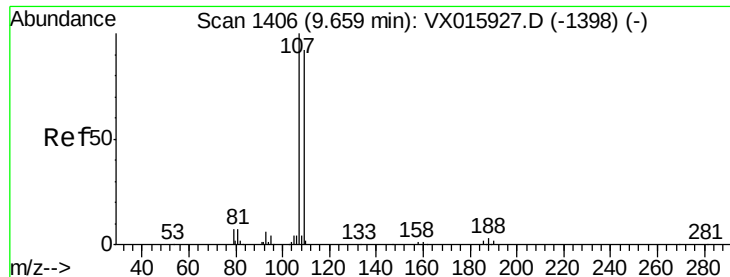
Tot Ion: 43 Resp: 48257
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1



#60
Dibromochloromethane
Concen: 5.323 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 129 Resp: 9831
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.269 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

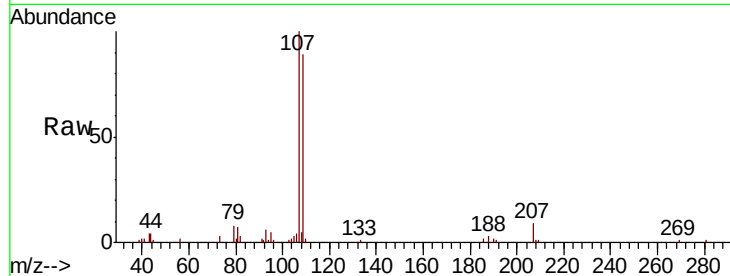
VSTDIC005

Tot Ion:107 Resp: 10426

Ion Ratio Lower Upper

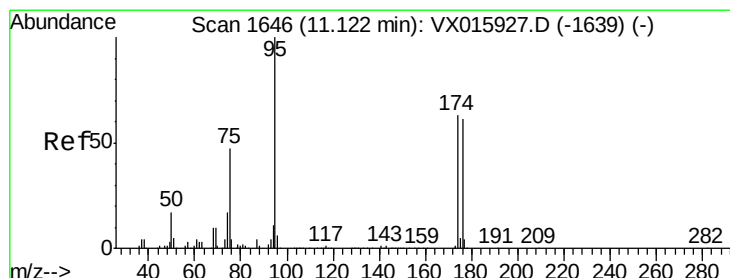
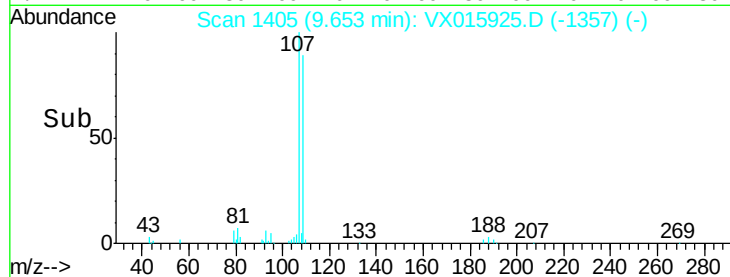
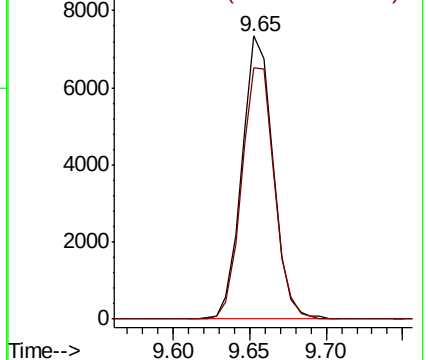
107 100

109 92.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.079 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

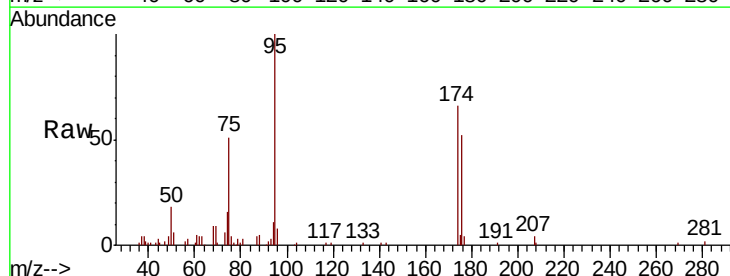
Tgt Ion: 95 Resp: 13445

Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.6

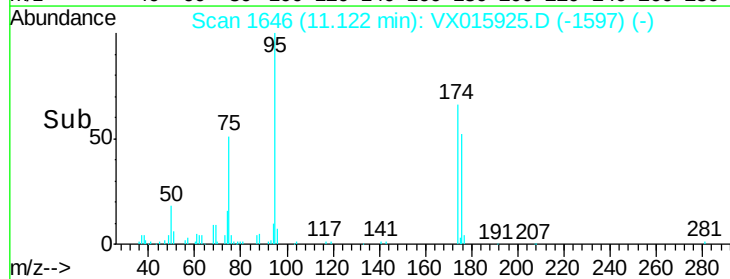
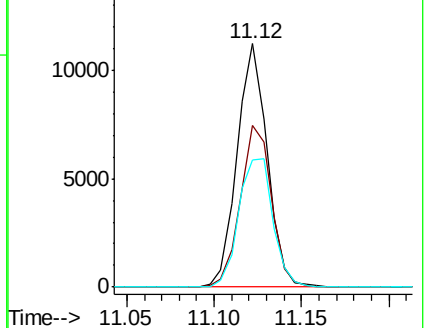
176 60.1 0.0 126.0

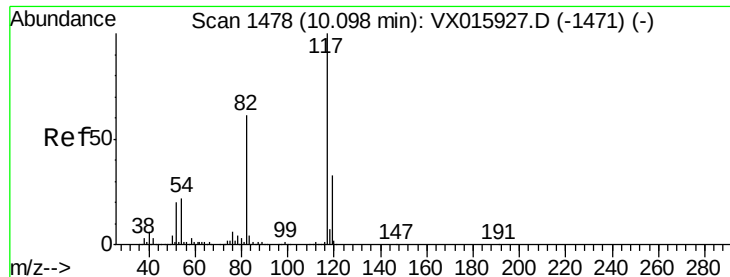


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

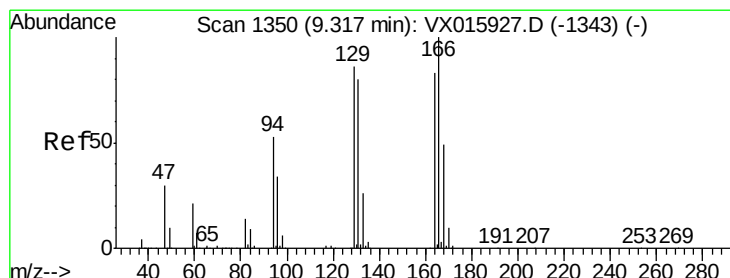
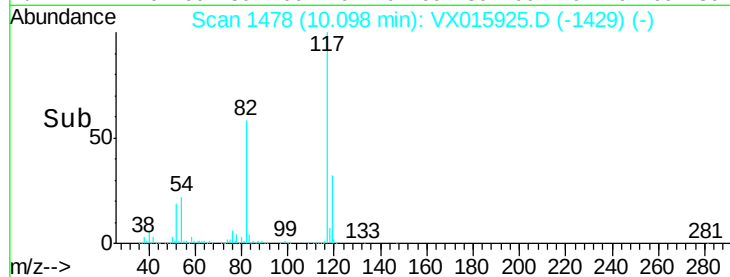
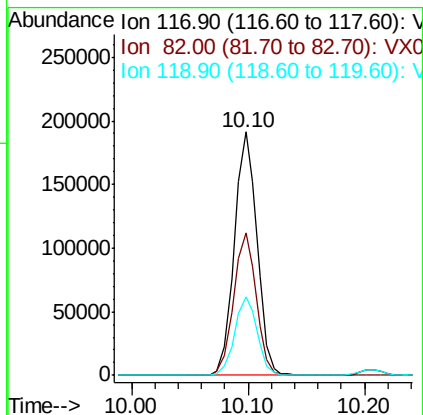
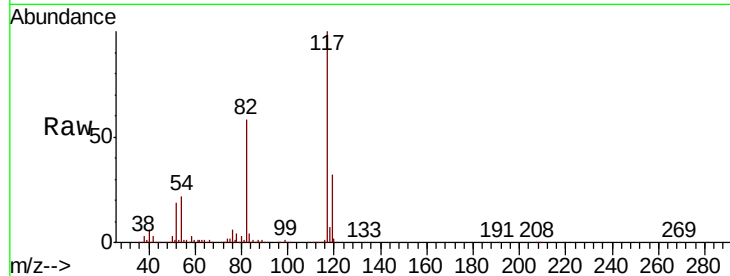




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

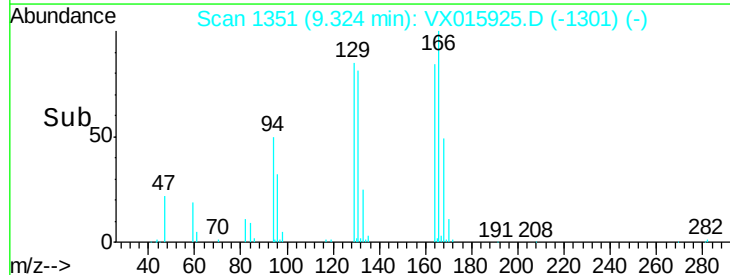
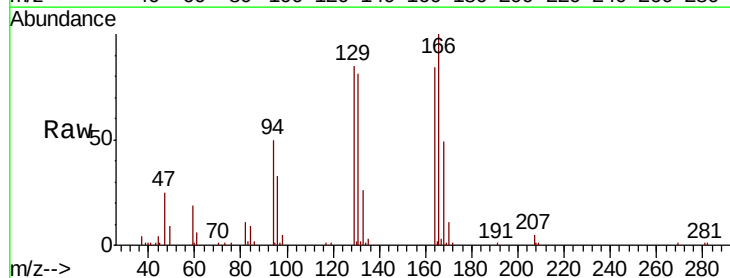
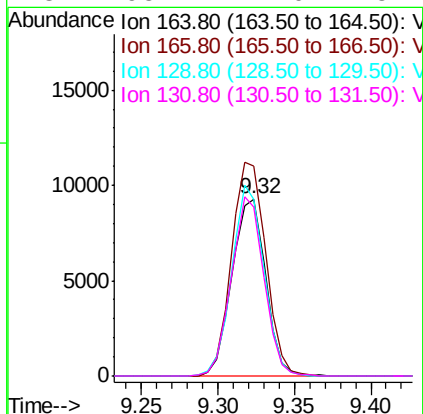
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

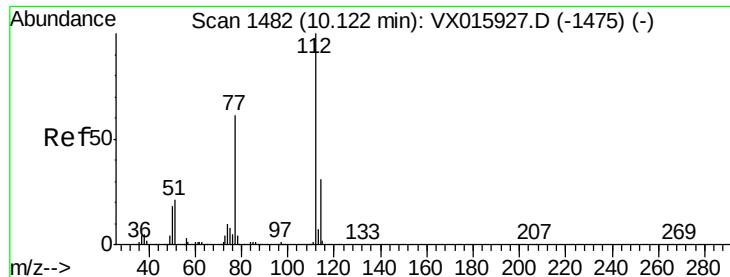
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.5	72.7
119	32.3	26.2	39.4



#64
Tetrachloroethene
Concen: 5.478 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.4	96.7	145.1
129	100.2	82.8	124.2
131	95.4	77.0	115.4

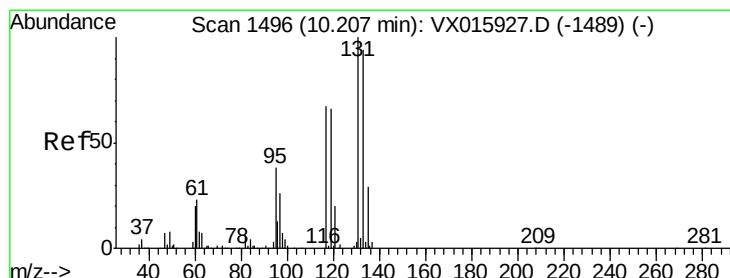
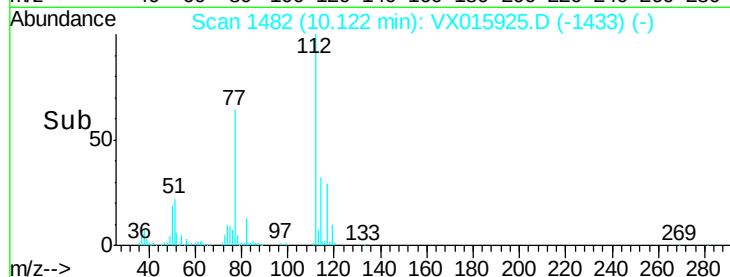
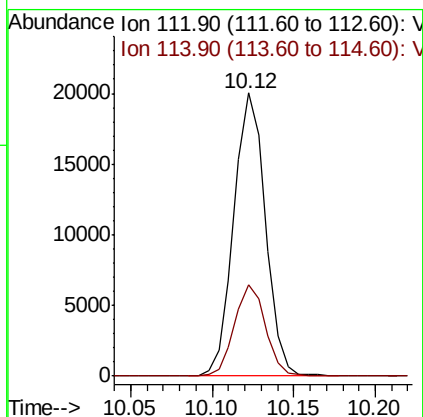
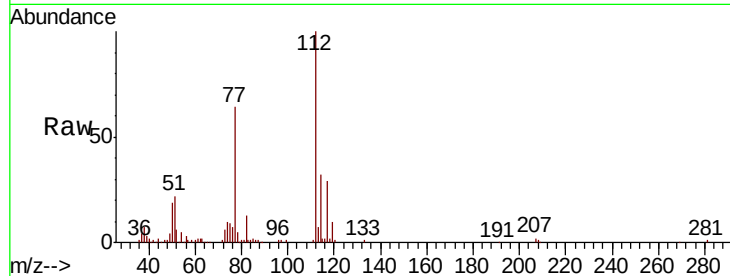




#65
Chlorobenzene
Concen: 5.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

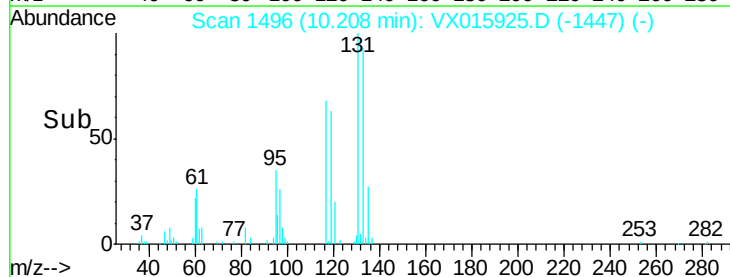
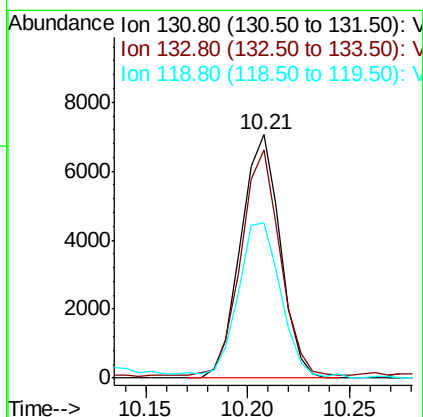
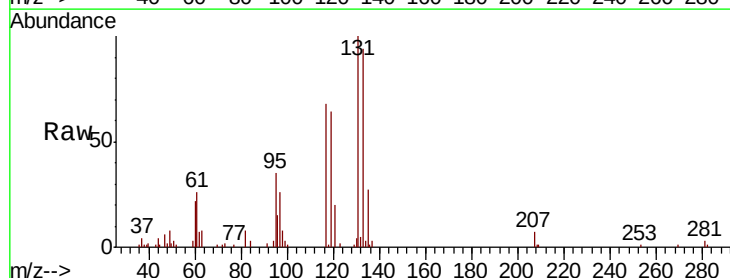
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

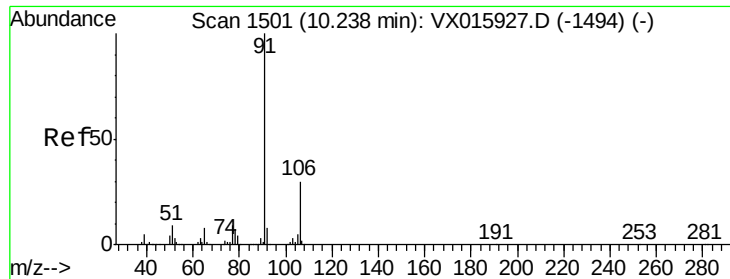
Tot Ion:112 Resp: 27101
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.336 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion:131 Resp: 9470
Ion Ratio Lower Upper
131 100
133 91.6 46.7 140.0
119 70.3 33.7 101.0





#67

Ethyl Benzene

Concen: 5.310 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

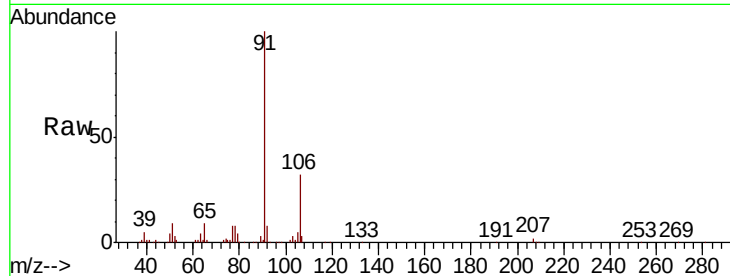
VSTDIC005

Tot Ion: 91 Resp: 49750

Ion Ratio Lower Upper

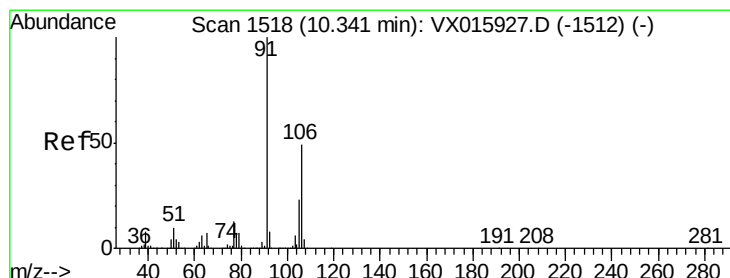
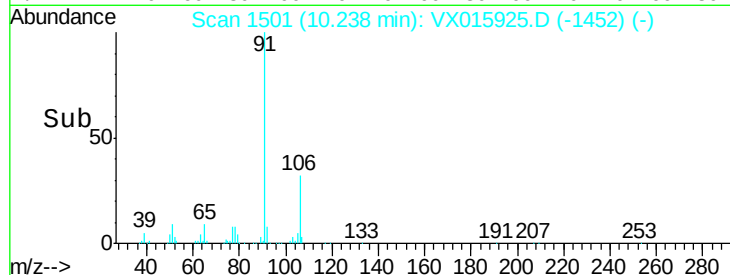
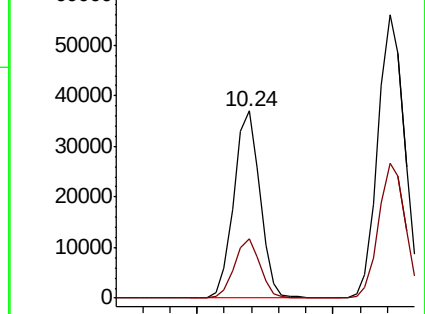
91 100

106 32.0 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.684 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015925.D

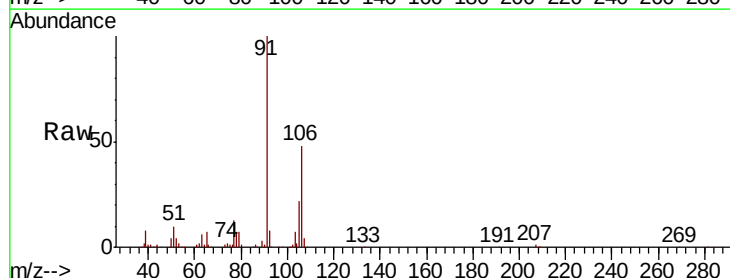
Acq: 24 Apr 2020 11:27

Tgt Ion: 106 Resp: 36426

Ion Ratio Lower Upper

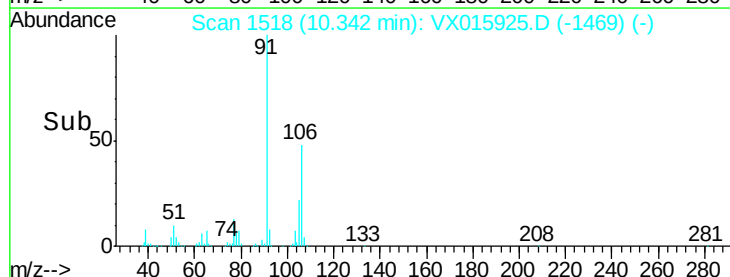
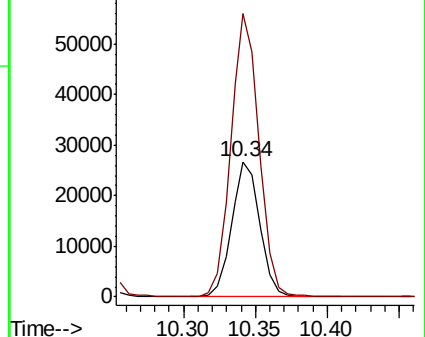
106 100

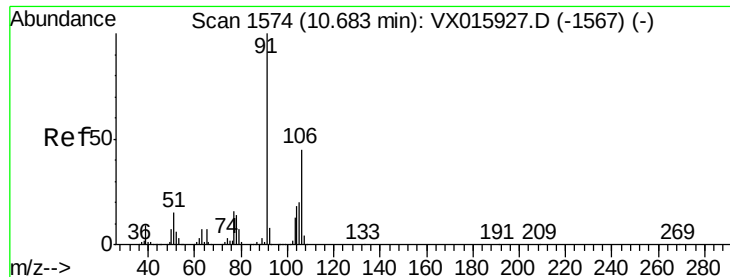
91 209.1 164.9 247.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

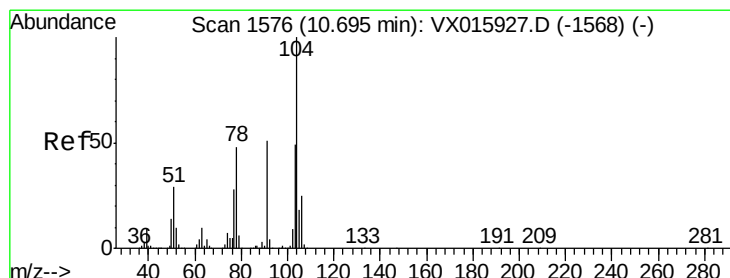
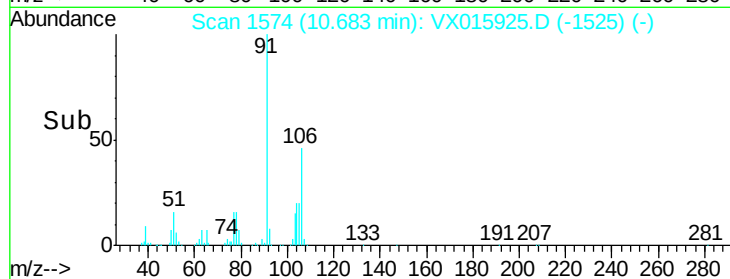
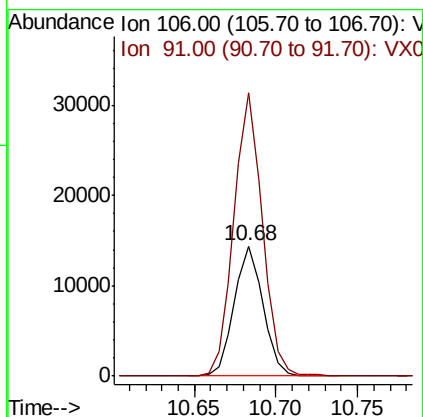
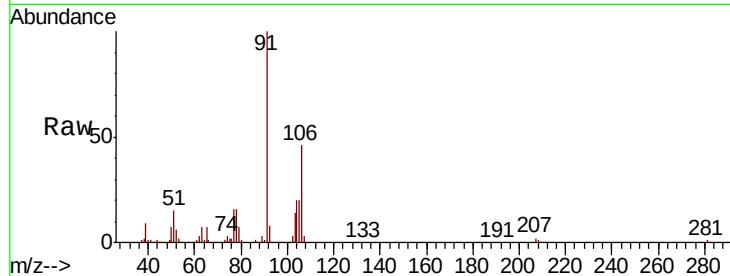




#69
o-Xylene
Concen: 5.326 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

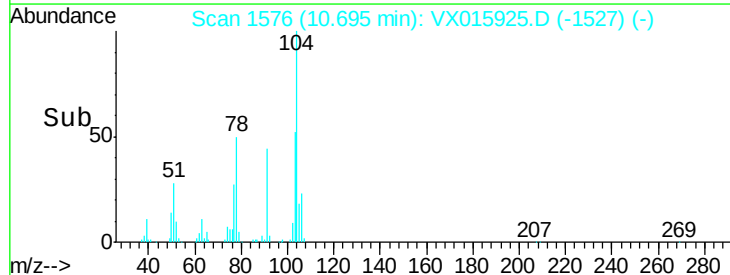
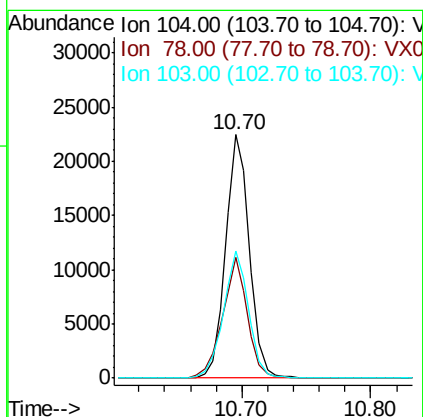
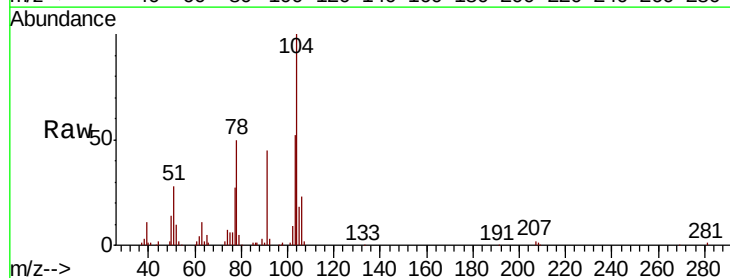
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

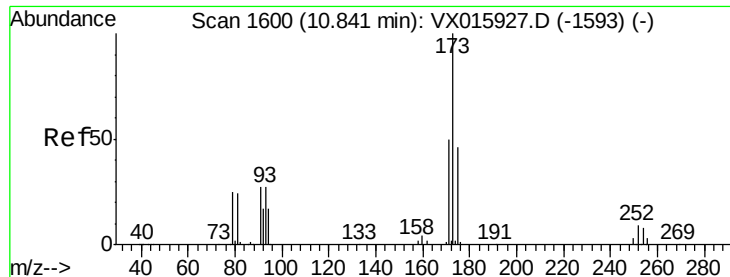
Tot Ion:106 Resp: 17690
Ion Ratio Lower Upper
106 100
91 216.5 108.6 325.8



#70
Styrene
Concen: 5.195 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion:104 Resp: 29097
Ion Ratio Lower Upper
104 100
78 52.1 40.5 60.7
103 55.4 42.7 64.1





#71

Bromoform

Concen: 5.184 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

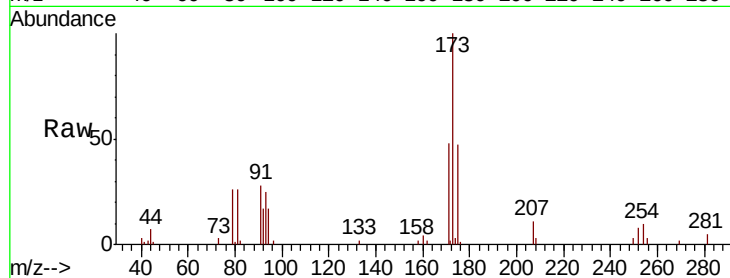
Tot Ion:173 Resp: 5858

Ion Ratio Lower Upper

173 100

175 47.5 23.2 69.5

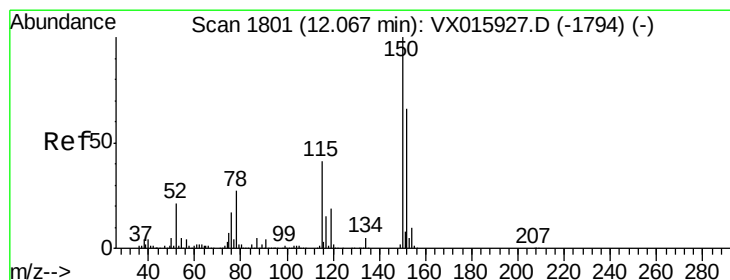
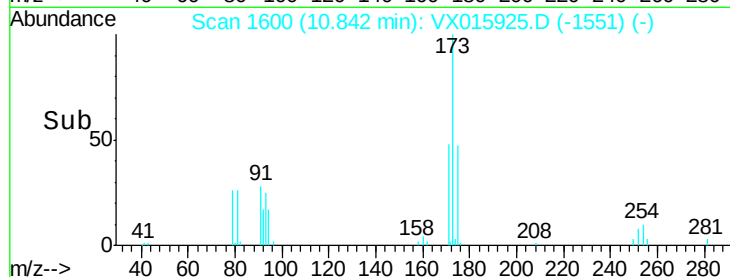
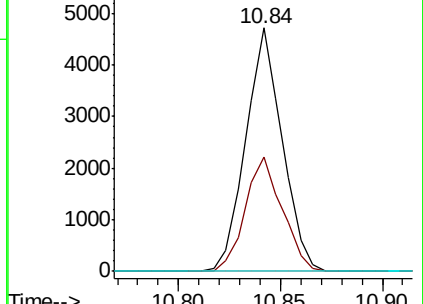
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

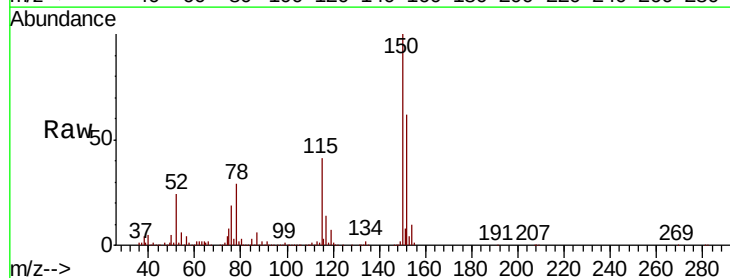
Tgt Ion:152 Resp: 123954

Ion Ratio Lower Upper

152 100

115 65.9 44.1 132.4

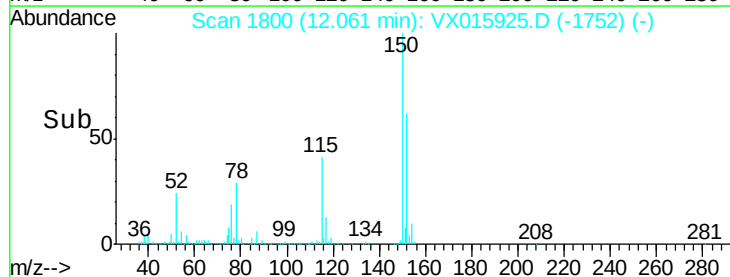
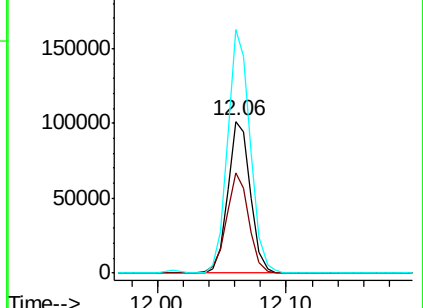
150 161.0 0.0 343.6

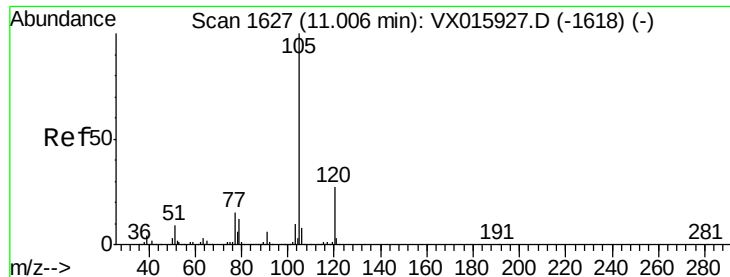


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.238 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

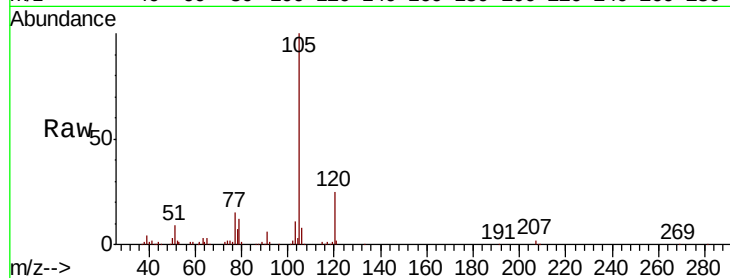
VSTDIC005

Tot Ion:105 Resp: 47509

Ion Ratio Lower Upper

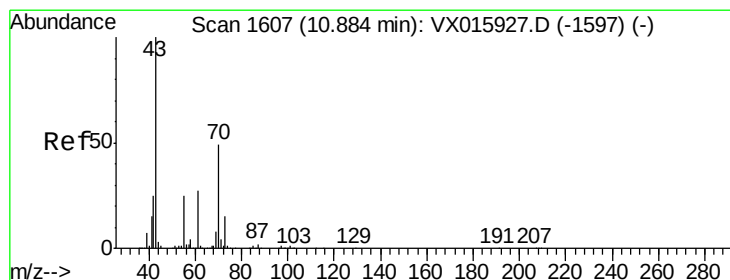
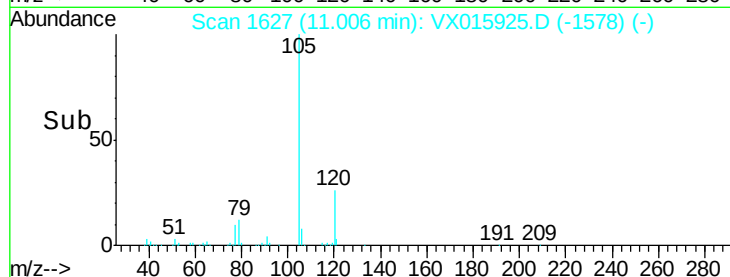
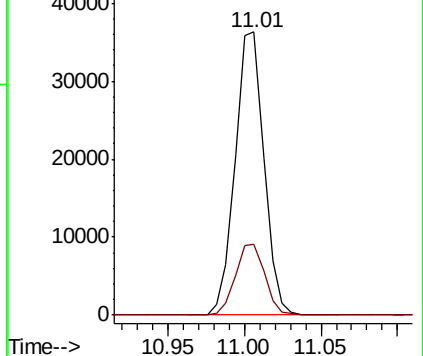
105 100

120 25.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.091 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion: 43 Resp: 19594

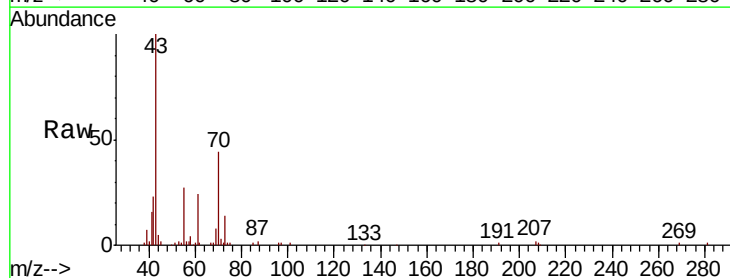
Ion Ratio Lower Upper

43 100

70 46.9 37.8 56.6

55 26.2 20.2 30.2

61 26.1 21.6 32.4

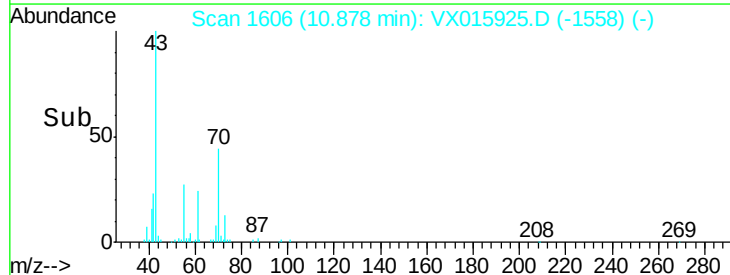
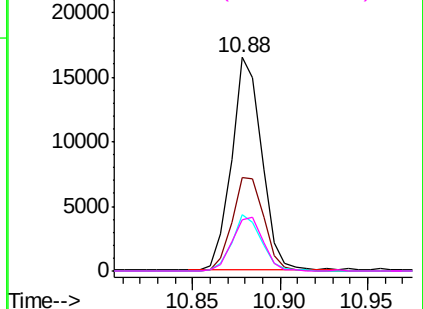


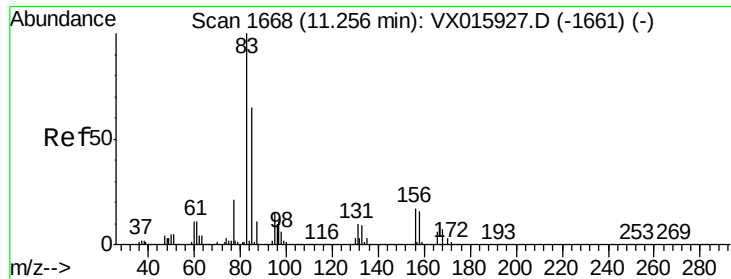
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.281 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

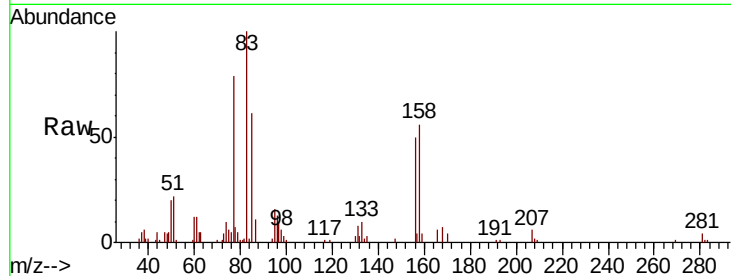
Tot Ion: 83 Resp: 10430

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.6

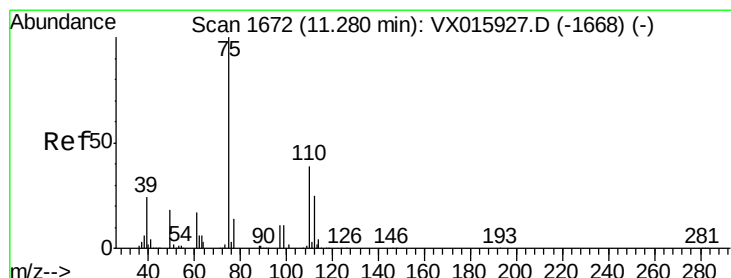
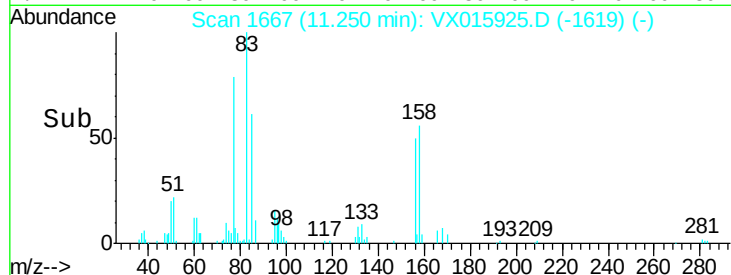
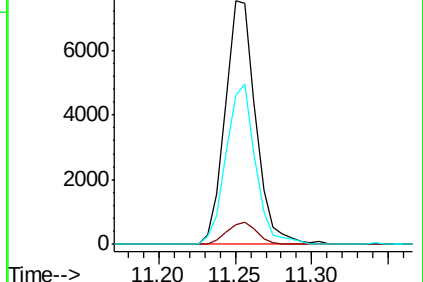
85 63.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.647 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015925.D

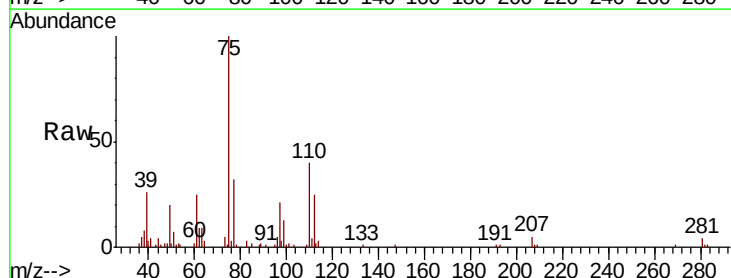
Acq: 24 Apr 2020 11:27

Tgt Ion: 75 Resp: 18301

Ion Ratio Lower Upper

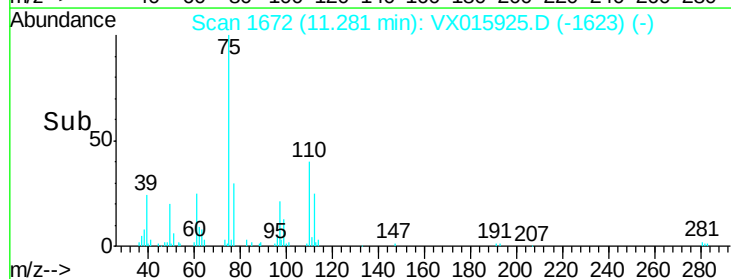
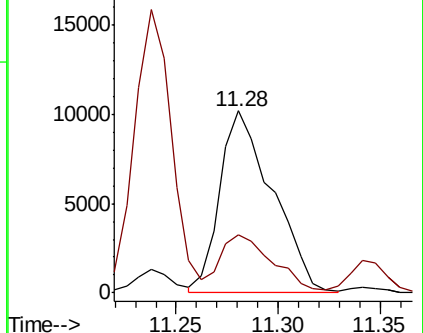
75 100

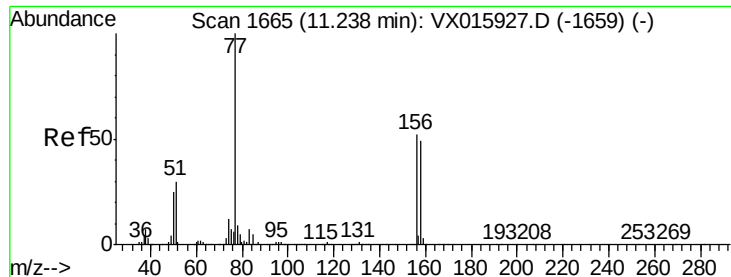
77 32.1 22.1 66.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.210 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

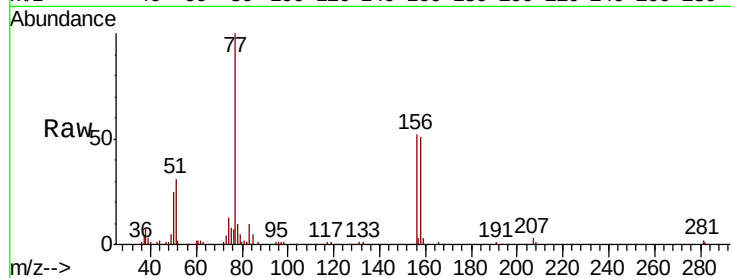
Tot Ion:156 Resp: 10606

Ion Ratio Lower Upper

156 100

77 190.3 94.0 281.9

158 98.1 48.6 145.9



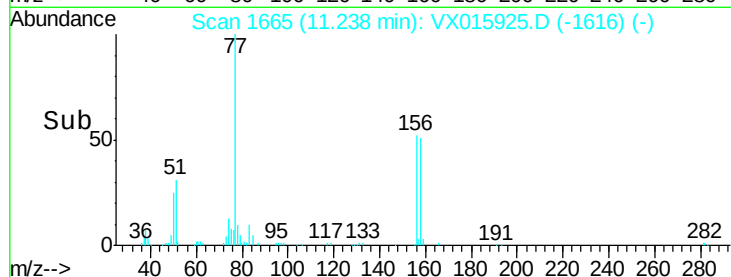
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

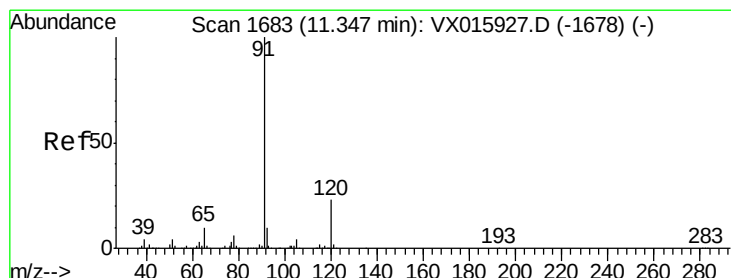
Time-->

11.20 11.25 11.30



Time-->

11.20 11.25 11.30



#78

n-propylbenzene

Concen: 5.252 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015925.D

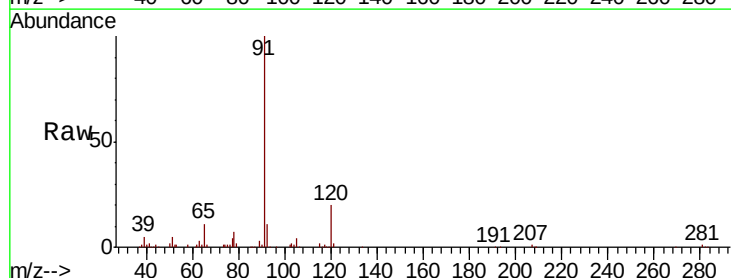
Acq: 24 Apr 2020 11:27

Tgt Ion: 91 Resp: 56012

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.6

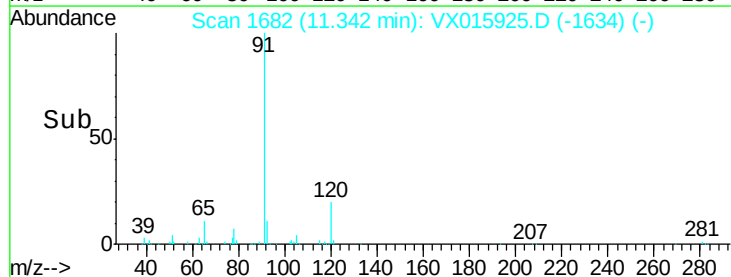


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

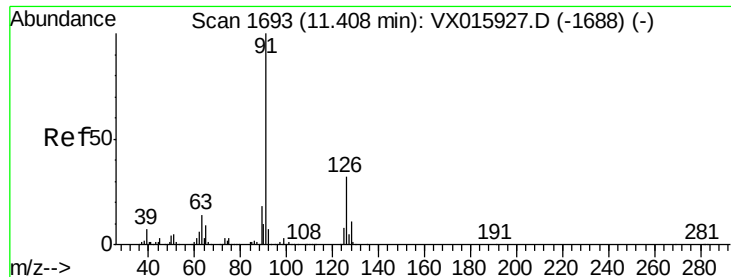
Time-->

11.30 11.35



Time-->

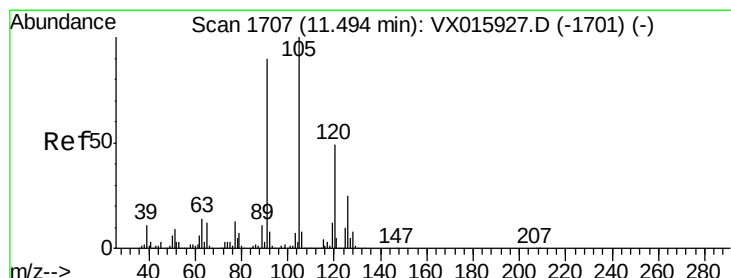
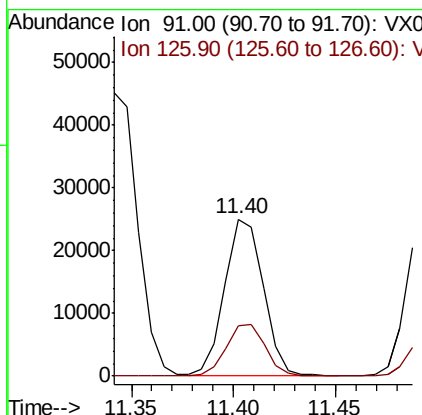
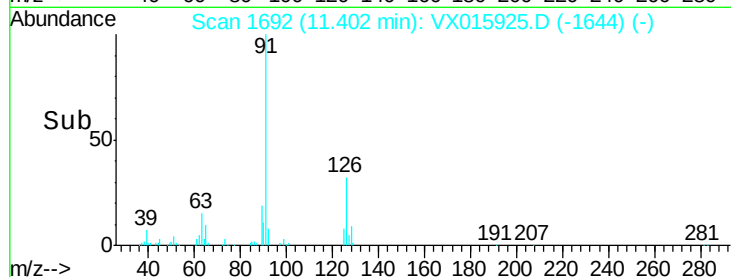
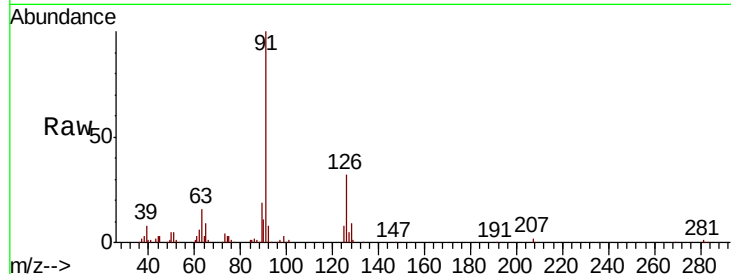
11.30 11.35



#79
 2-Chlorotoluene
 Concen: 5.257 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

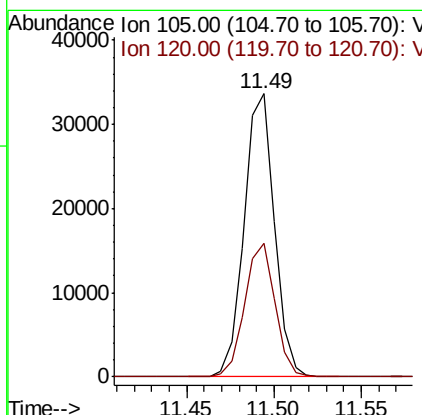
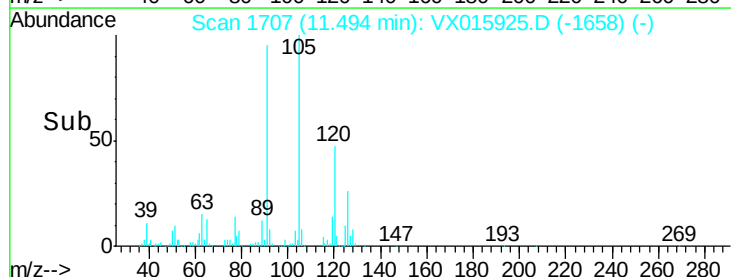
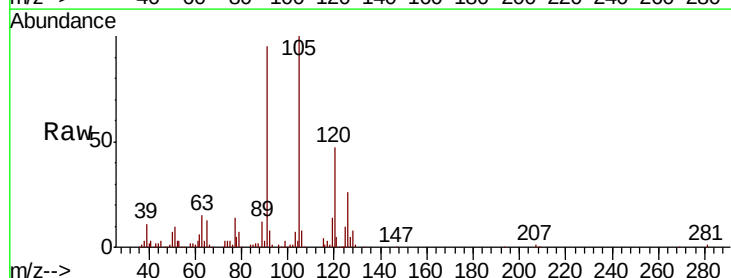
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

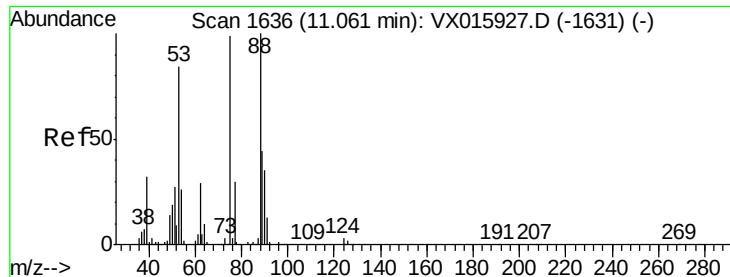
Tot Ion: 91 Resp: 32684
 Ion Ratio Lower Upper
 91 100
 126 33.2 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 5.328 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion: 105 Resp: 40482
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 5.135 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

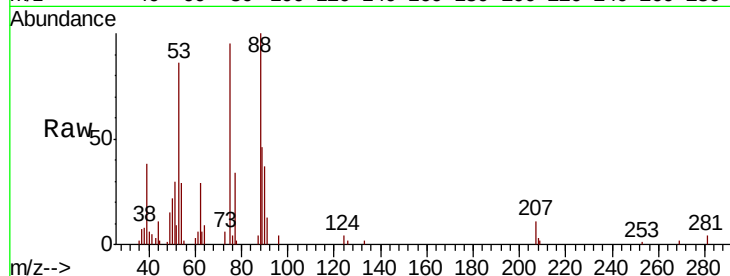
Tot Ion: 75 Resp: 5427

Ion Ratio Lower Upper

75 100

53 90.6 69.7 104.5

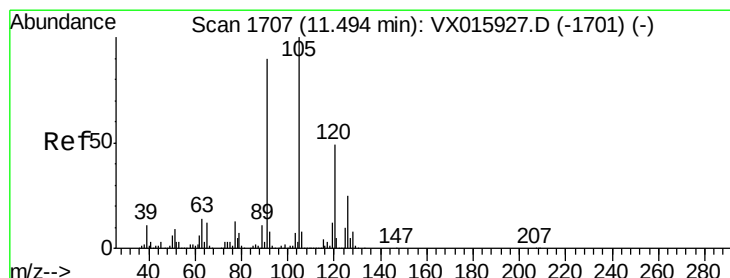
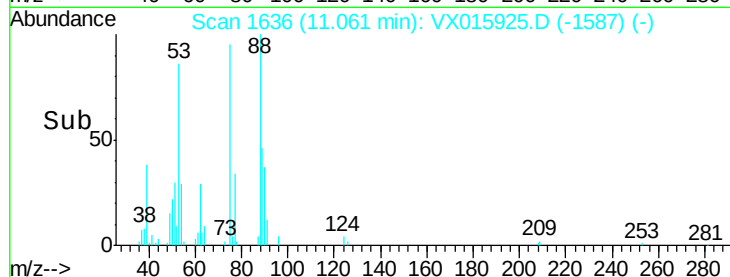
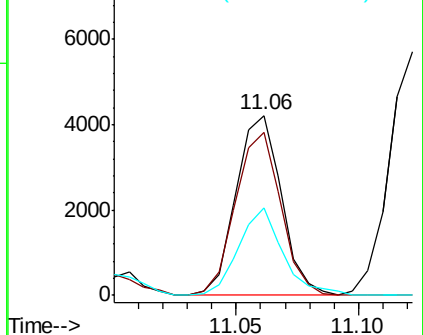
89 47.5 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.350 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015925.D

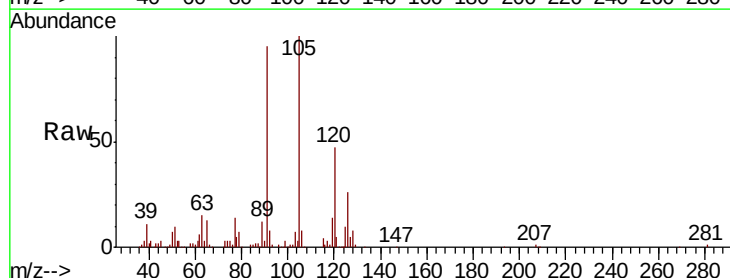
Acq: 24 Apr 2020 11:27

Tgt Ion: 91 Resp: 39736

Ion Ratio Lower Upper

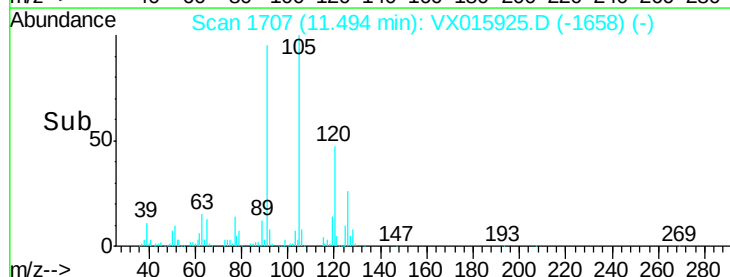
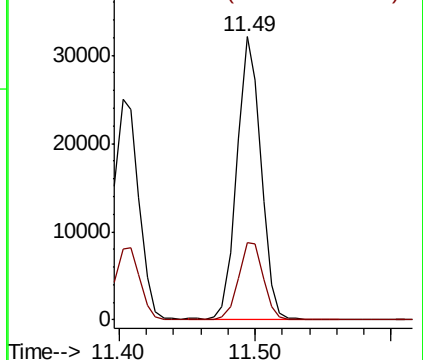
91 100

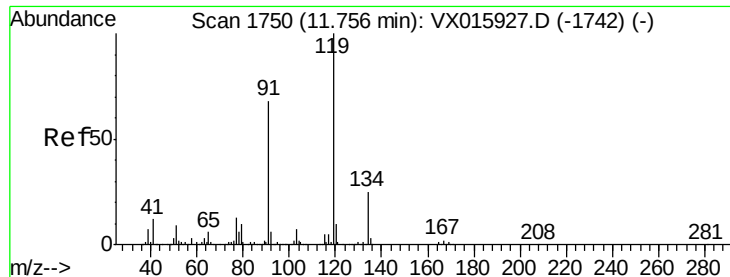
126 27.9 14.2 42.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.295 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

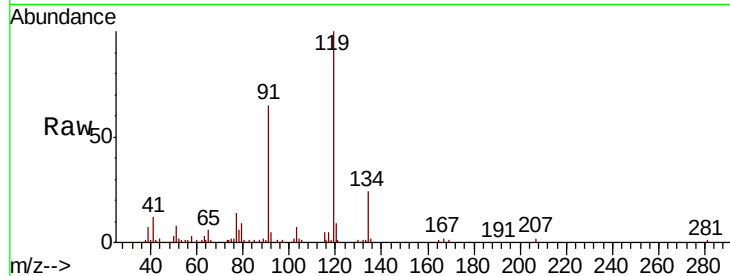
Tot Ion:119 Resp: 34030

Ion Ratio Lower Upper

119 100

91 65.3 34.3 102.8

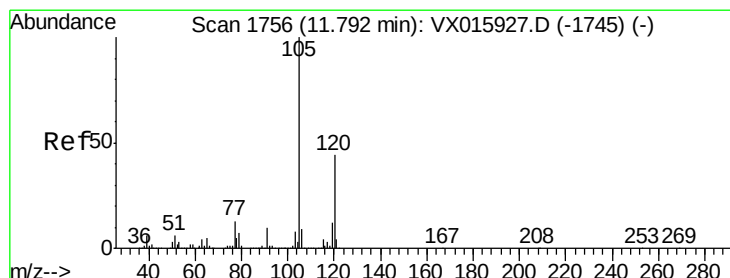
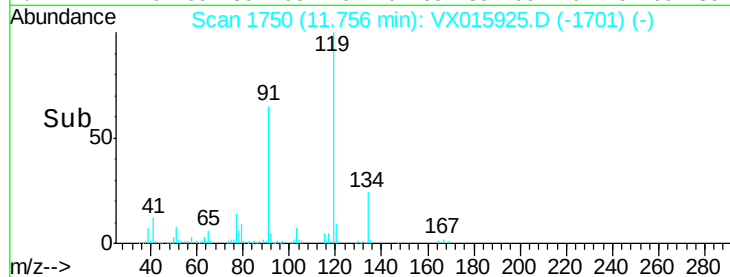
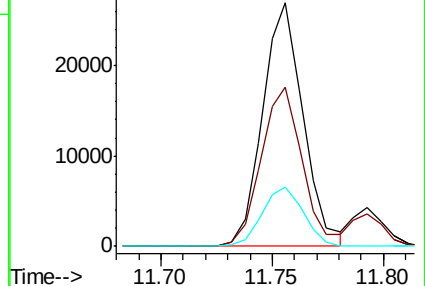
134 24.7 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.272 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015925.D

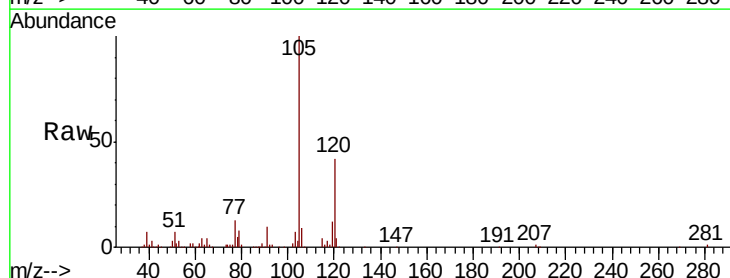
Acq: 24 Apr 2020 11:27

Tgt Ion:105 Resp: 41118

Ion Ratio Lower Upper

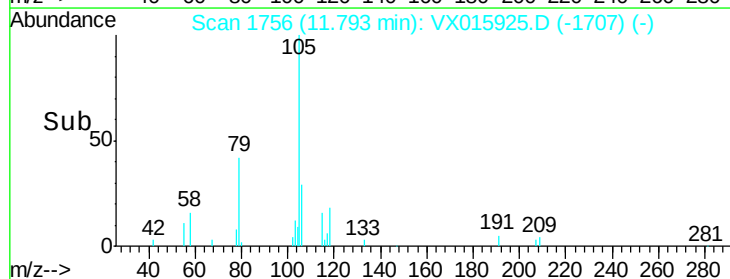
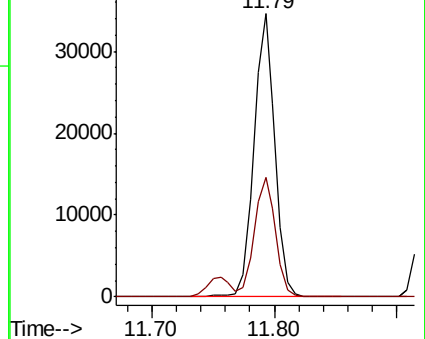
105 100

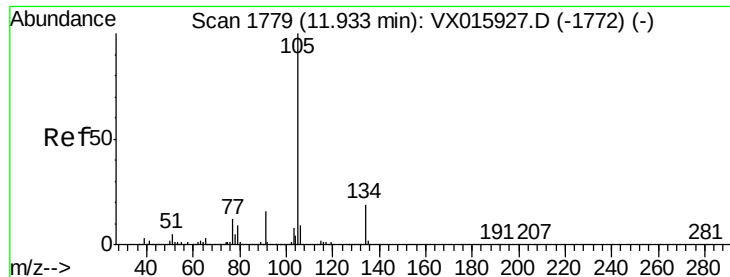
120 42.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.316 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

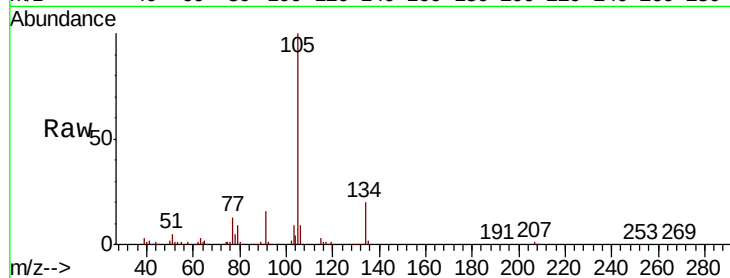
VSTDIC005

Tot Ion:105 Resp: 46387

Ion Ratio Lower Upper

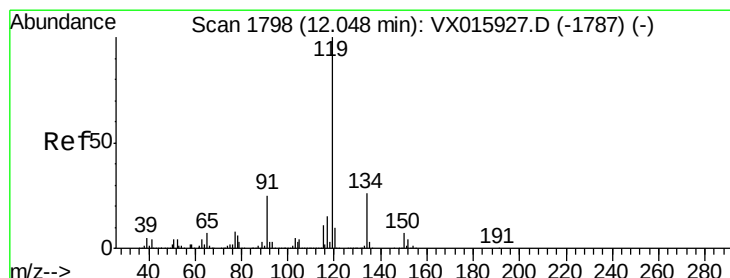
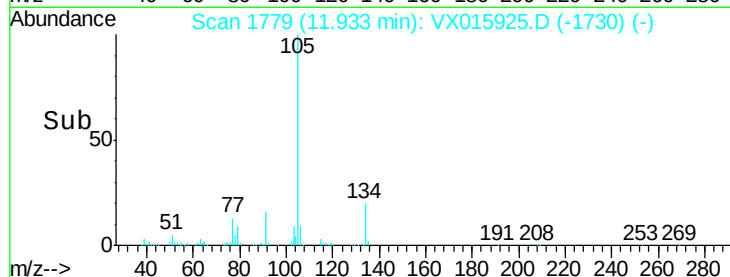
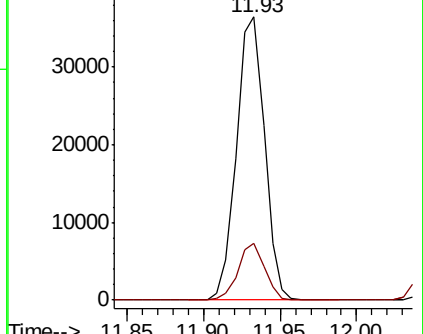
105 100

134 19.1 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.346 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

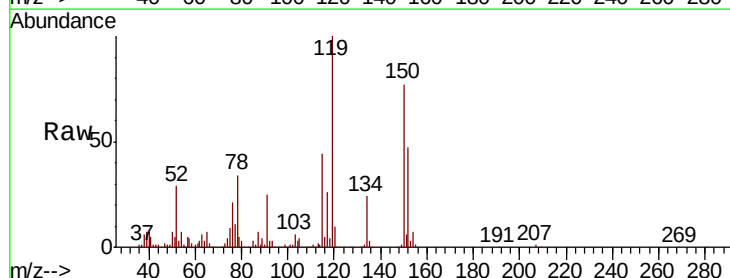
Tgt Ion:119 Resp: 42515

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

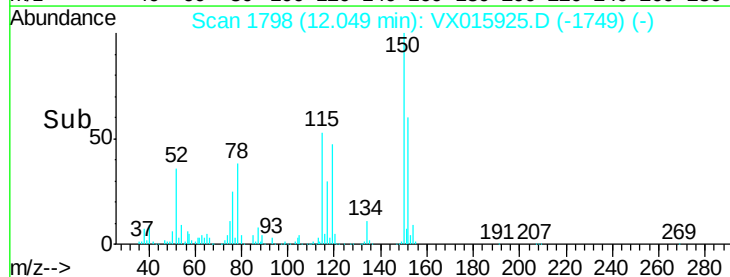
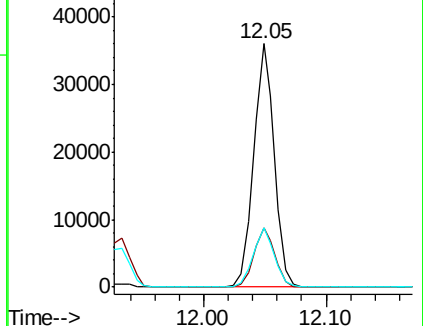
91 25.2 12.2 36.6

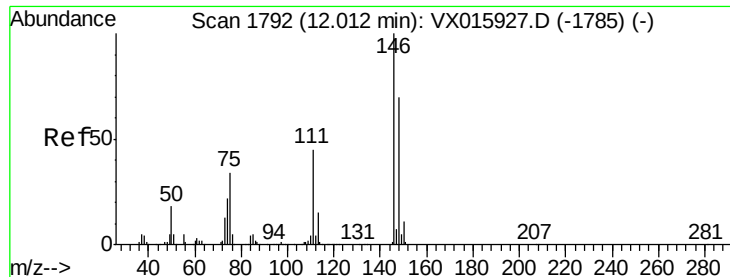


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.308 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

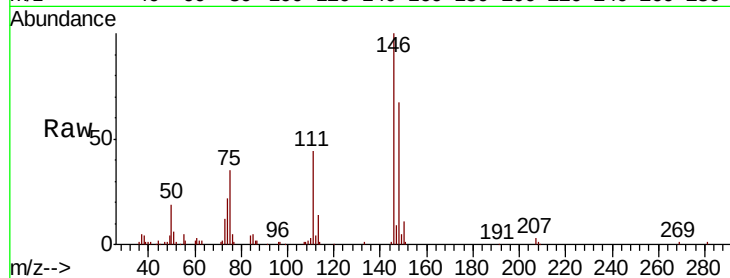
Tot Ion:146 Resp: 19881

Ion Ratio Lower Upper

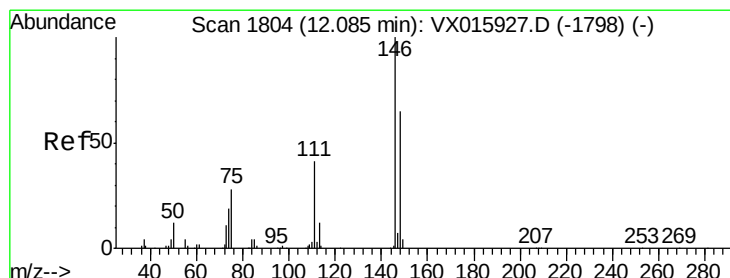
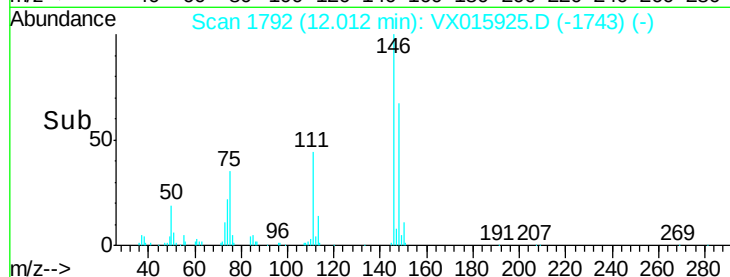
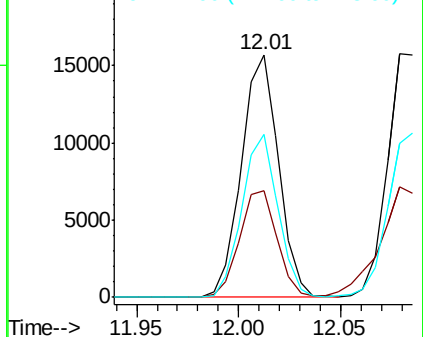
146 100

111 44.6 22.2 66.6

148 65.2 32.8 98.4



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



#88

1,4-Dichlorobenzene

Concen: 5.385 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

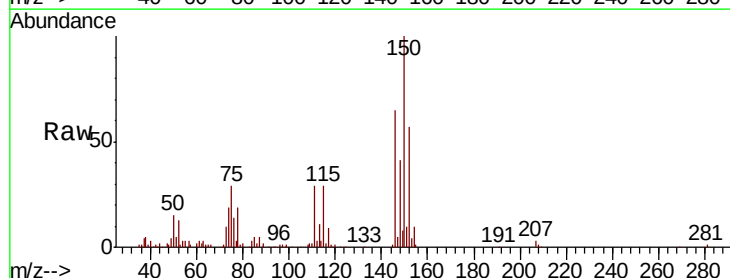
Tgt Ion:146 Resp: 20467

Ion Ratio Lower Upper

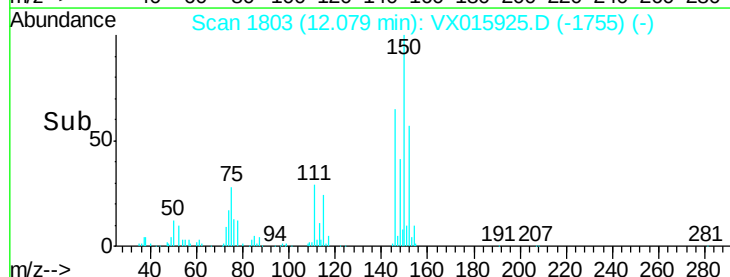
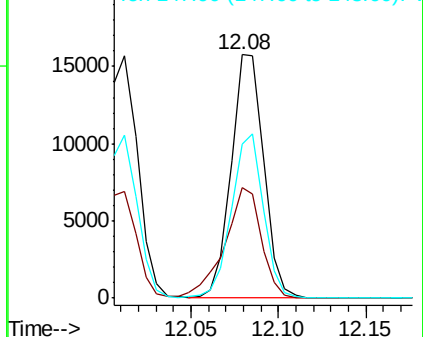
146 100

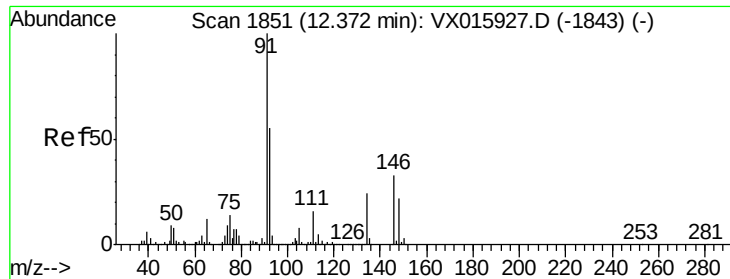
111 50.9 21.6 64.6

148 66.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

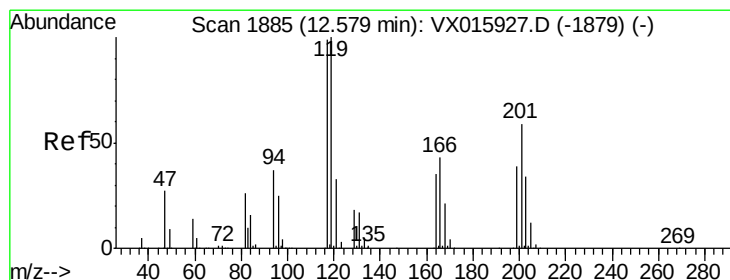
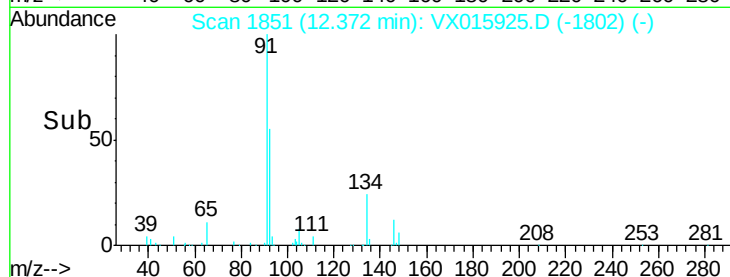
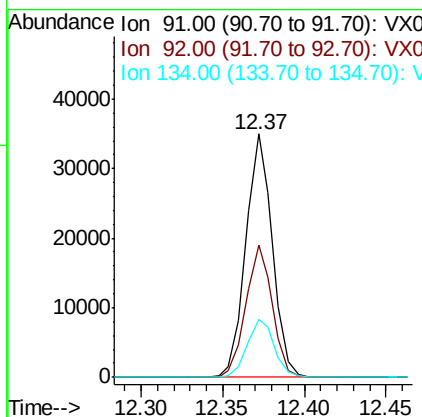
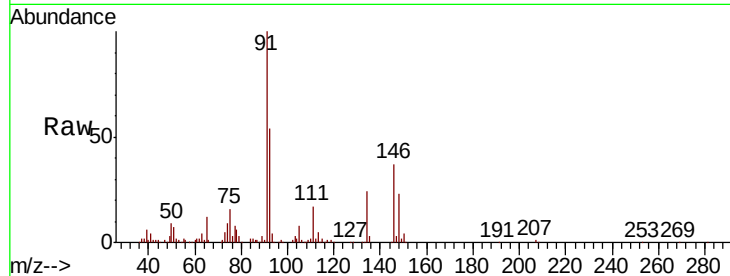




#89
n-Butylbenzene
Concen: 5.332 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

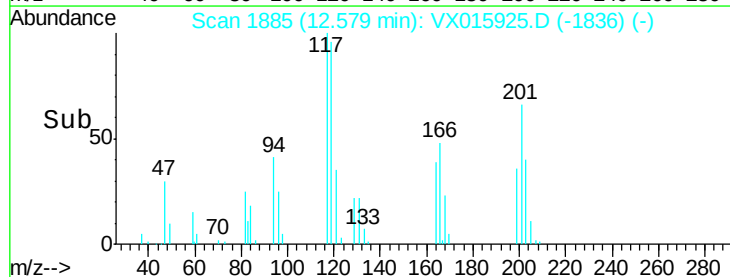
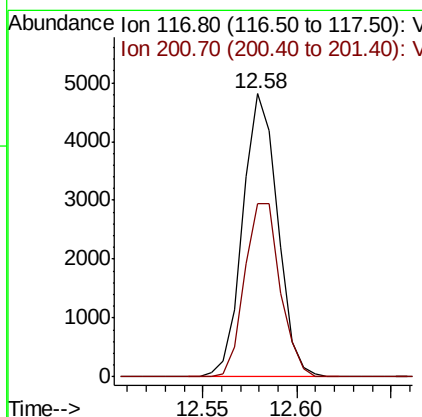
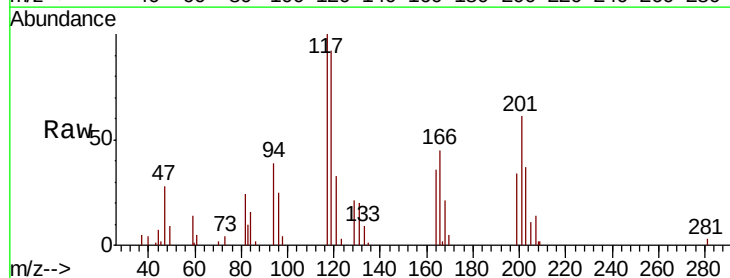
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

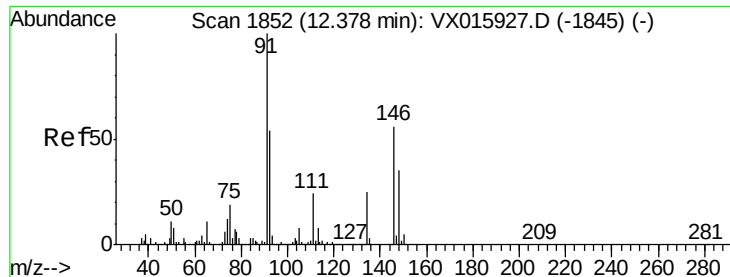
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.9
134	24.6	12.2	36.4



#90
Hexachloroethane
Concen: 5.235 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	32.1	96.3





#91

1,2-Dichlorobenzene

Concen: 5.279 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

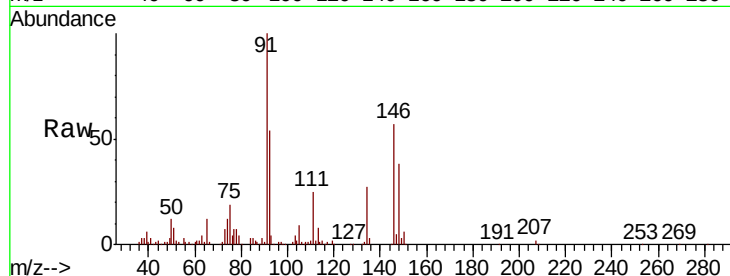
Tot Ion:146 Resp: 19291

Ion Ratio Lower Upper

146 100

111 44.5 22.3 66.8

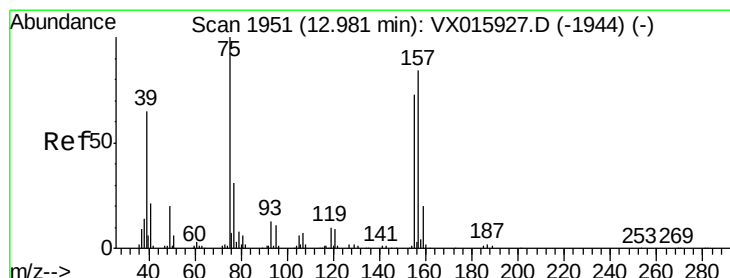
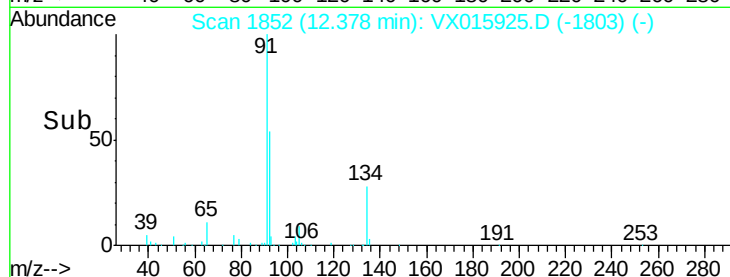
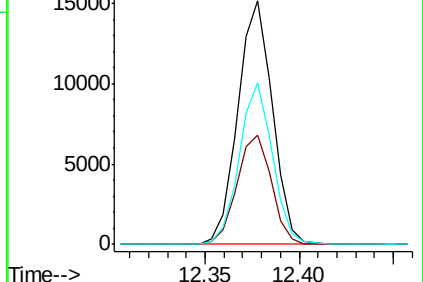
148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.138 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

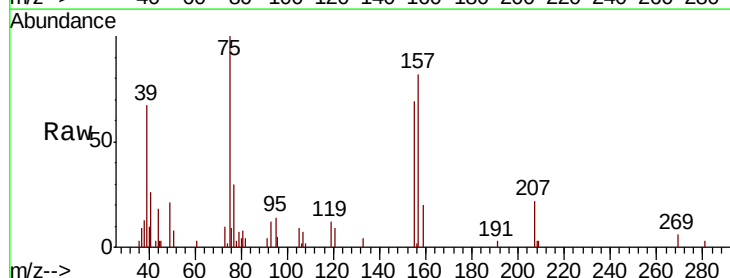
Tgt Ion: 75 Resp: 3273

Ion Ratio Lower Upper

75 100

155 70.7 37.9 113.6

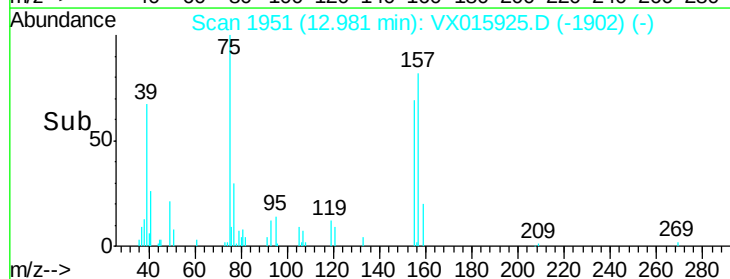
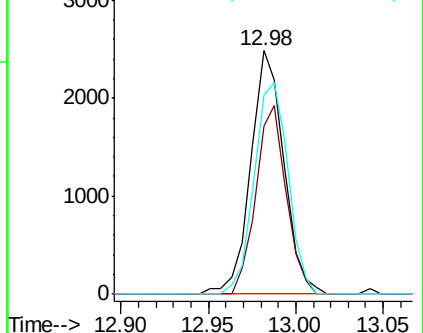
157 88.5 47.9 143.8

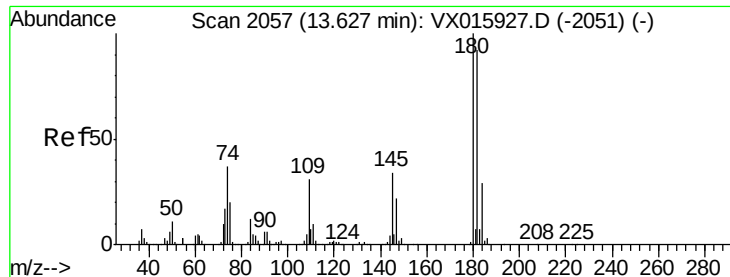


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

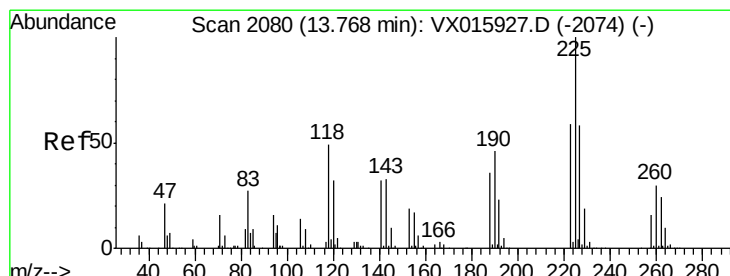
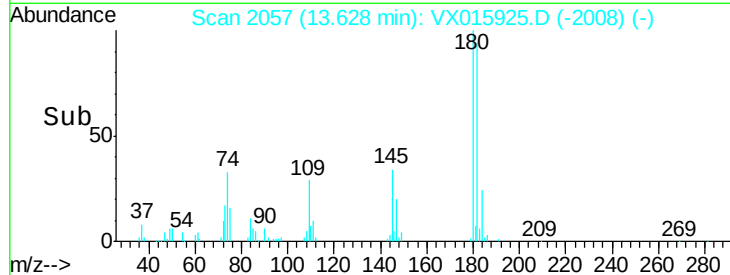
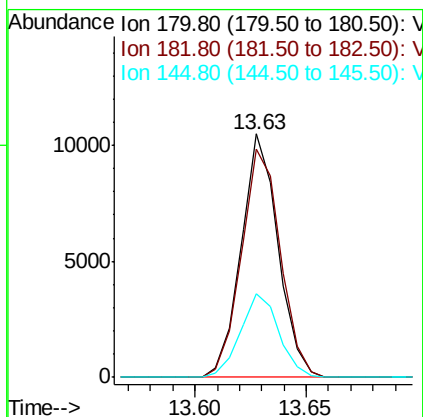
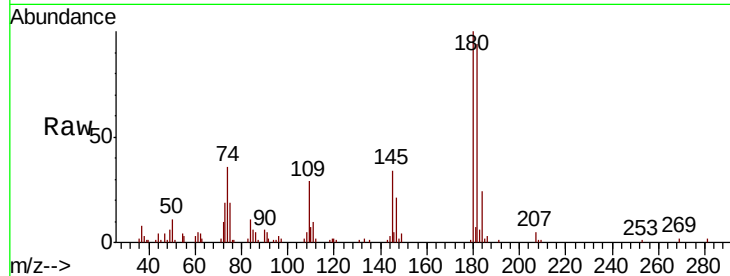




#93
 1,2,4-Trichlorobenzene
 Concen: 5.239 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

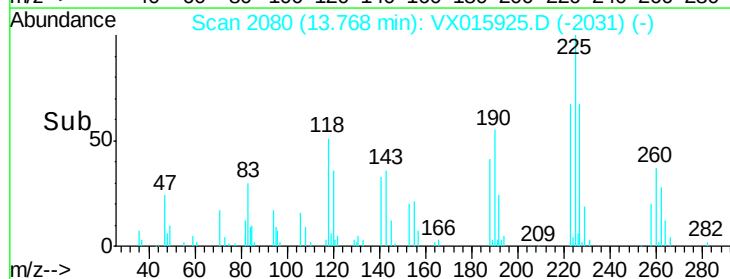
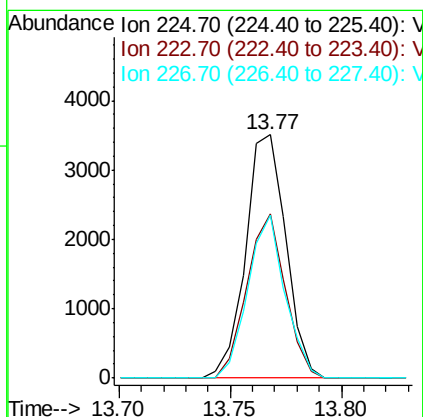
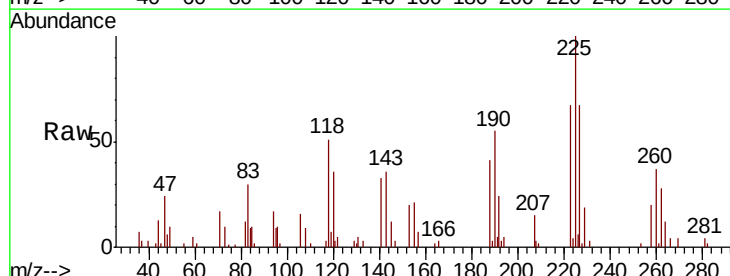
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

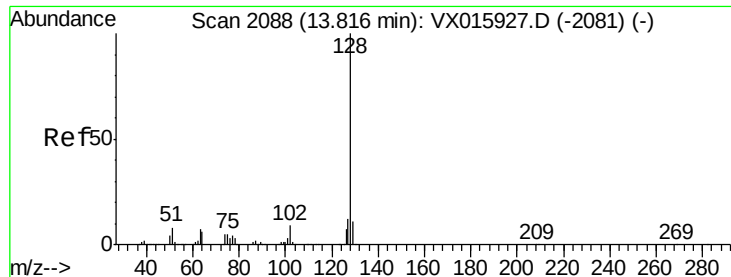
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.6	142.9
145	35.5	17.3	52.0



#94
 Hexachlorobutadiene
 Concen: 5.364 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.6	91.6
227	61.8	32.0	96.2





#95

Naphthalene

Concen: 5.140 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

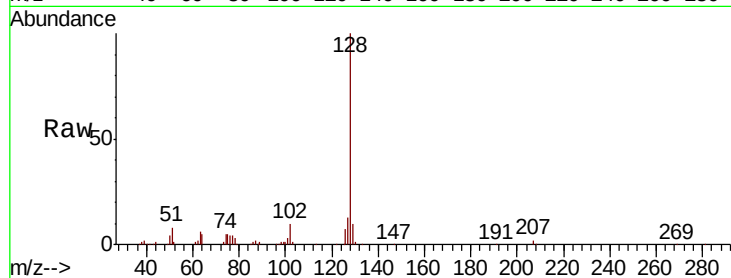
Tot Ion:128 Resp: 42985

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

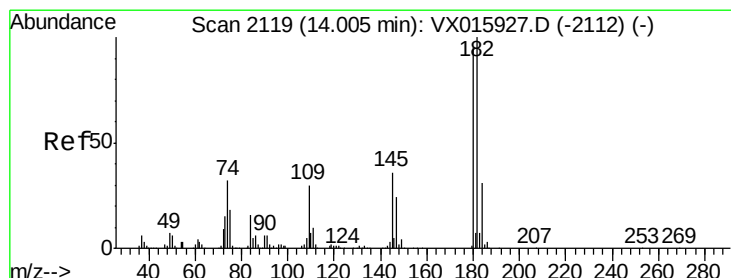
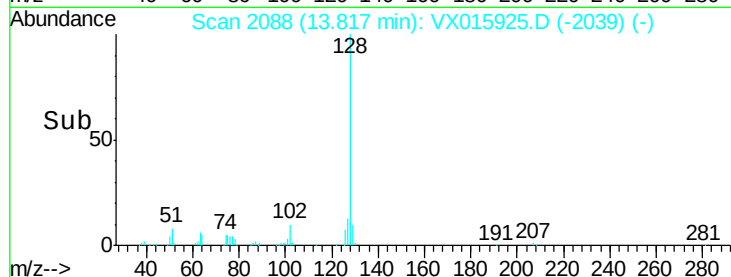
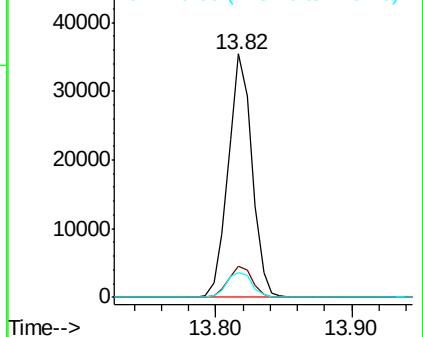
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.433 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

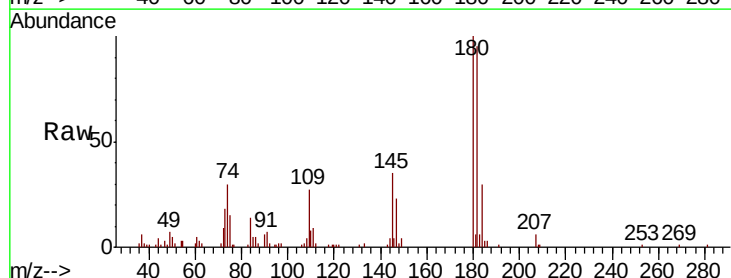
Tgt Ion:180 Resp: 11893

Ion Ratio Lower Upper

180 100

182 94.8 50.1 150.3

145 36.9 18.9 56.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

