

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016421.D
 Acq On : 26 May 2020 12:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 26 15:57:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	109027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	198072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	184798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	81435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	9391	6.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.96%	
35) Dibromofluoromethane	5.46	113	6910	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
50) Toluene-d8	8.70	98	22753	4.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.32%	
62) 4-Bromofluorobenzene	11.12	95	9122	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	3919	3.543	ug/l	87
3) Chloromethane	1.31	50	6507	4.985	ug/l	92
4) Vinyl Chloride	1.39	62	8672	6.021	ug/l	99
5) Bromomethane	1.62	94	12248	13.048	ug/l	96
6) Chloroethane	1.70	64	6739	7.536	ug/l	100
7) Trichlorofluoromethane	1.91	101	14080	7.187	ug/l	92
8) Diethyl Ether	2.17	74	6466	7.891	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	6187	5.781	ug/l	98
10) Methyl Iodide	2.49	142	4158	3.023	ug/l	92
11) Tert butyl alcohol	3.01	59	11236	31.716	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	6184	5.525	ug/l	84
13) Acrolein	2.27	56	7674	35.672	ug/l	97
14) Allyl chloride	2.70	41	10773	5.329	ug/l	94
15) Acrylonitrile	3.11	53	20676	28.017	ug/l	94
16) Acetone	2.42	43	20445	32.538	ug/l	97
17) Carbon Disulfide	2.54	76	17807	4.681	ug/l	97
18) Methyl Acetate	2.75	43	9843	6.375	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	23748	6.121	ug/l	94
20) Methylene Chloride	2.83	84	7539	5.765	ug/l	88
21) trans-1,2-Dichloroethene	3.14	96	7570	5.985	ug/l	88
22) Diisopropyl ether	3.82	45	22211	5.738	ug/l	91
23) Vinyl Acetate	3.78	43	99263	29.201	ug/l	97
24) 1,1-Dichloroethane	3.67	63	13200	6.056	ug/l #	96
25) 2-Butanone	4.64	43	31237	30.814	ug/l	98
26) 2,2-Dichloropropane	4.54	77	11817	5.922	ug/l	79
27) cis-1,2-Dichloroethene	4.56	96	8527	6.144	ug/l	98
28) Bromochloromethane	4.98	49	6904	6.915	ug/l #	78
29) Tetrahydrofuran	5.09	42	20904	31.164	ug/l	98
30) Chloroform	5.17	83	13857	6.323	ug/l	96
31) Cyclohexane	5.54	56	10030	5.151	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	11935	5.972	ug/l	95
36) 1,1-Dichloropropene	5.77	75	9116	4.705	ug/l	96
37) Ethyl Acetate	4.79	43	12365	5.595	ug/l #	95
38) Carbon Tetrachloride	5.76	117	9870	4.990	ug/l #	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016421.D
 Acq On : 26 May 2020 12:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 26 15:57:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	9714	4.235	ug/l	95
40) Benzene	6.10	78	29434	5.184	ug/l	99
41) Methacrylonitrile	4.99	41	5908	4.953	ug/l #	83
42) 1,2-Dichloroethane	6.15	62	12091	5.920	ug/l	96
43) Isopropyl Acetate	6.41	43	18877	5.337	ug/l	99
44) Trichloroethene	7.18	130	10073	5.021	ug/l	97
45) 1,2-Dichloropropane	7.48	63	8006	5.613	ug/l	91
46) Dibromomethane	7.63	93	5424	5.501	ug/l	92
47) Bromodichloromethane	7.87	83	11238	5.644	ug/l	95
48) Methyl methacrylate	7.74	41	8749	5.250	ug/l	96
49) 1,4-Dioxane	7.72	88	4665	114.990	ug/l #	88
51) 4-Methyl-2-Pentanone	8.62	43	57180	26.389	ug/l	98
52) Toluene	8.76	92	17632	4.961	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	12431	5.252	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	13033	5.294	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	8171	5.818	ug/l	90
56) Ethyl methacrylate	9.16	69	11209	4.966	ug/l	91
57) 1,3-Dichloropropane	9.35	76	13398	5.508	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	29627	24.704	ug/l	100
59) 2-Hexanone	9.47	43	43722	25.671	ug/l	98
60) Dibromochloromethane	9.56	129	8063	5.183	ug/l	97
61) 1,2-Dibromoethane	9.65	107	8597	5.635	ug/l	94
64) Tetrachloroethene	9.32	164	10447	4.664	ug/l	93
65) Chlorobenzene	10.12	112	20027	5.190	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	7688	5.375	ug/l	96
67) Ethyl Benzene	10.23	91	32917	4.810	ug/l	97
68) m/p-Xylenes	10.34	106	24853	9.666	ug/l	98
69) o-Xylene	10.68	106	12561	5.072	ug/l	100
70) Styrene	10.70	104	19538	4.664	ug/l	98
71) Bromoform	10.84	173	5448	4.667	ug/l #	96
73) Isopropylbenzene	11.00	105	29903	5.089	ug/l	100
74) N-amyl acetate	10.88	43	14817	5.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	6330	5.866	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	14652	8.040	ug/l	86
77) Bromobenzene	11.24	156	8130	5.325	ug/l	89
78) n-propylbenzene	11.34	91	33560	4.921	ug/l	97
79) 2-Chlorotoluene	11.40	91	21859	5.421	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	24377	4.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	4338	5.708	ug/l	89
82) 4-Chlorotoluene	11.49	91	25027	5.251	ug/l	97
83) tert-Butylbenzene	11.76	119	19925	4.665	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	25505	5.099	ug/l	97
85) sec-Butylbenzene	11.93	105	25287	4.426	ug/l	97
86) p-Isopropyltoluene	12.05	119	23246	4.393	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	13766	5.048	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	14210	5.131	ug/l	93
89) n-Butylbenzene	12.37	91	19560	4.069	ug/l	98
90) Hexachloroethane	12.58	117	4439	4.853	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	13886	5.262	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2898	6.029	ug/l	80

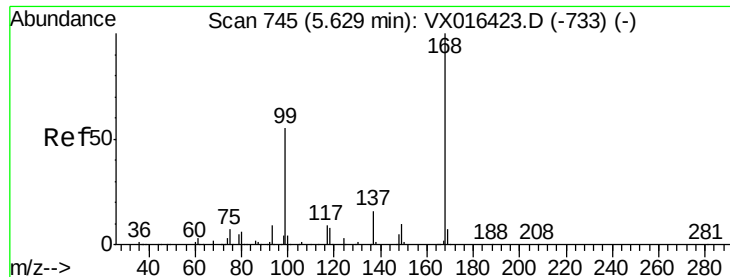
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016421.D
Acq On : 26 May 2020 12:54
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 26 15:57:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 15:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	7468	3.903	ug/l	93
94) Hexachlorobutadiene	13.77	225	2385	2.787	ug/l	98
95) Naphthalene	13.82	128	29118	4.646	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	7500	4.029	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

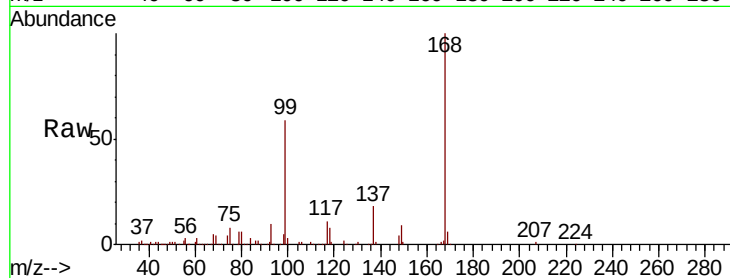
VSTDIC005

Tot Ion:168 Resp: 109027

Ion Ratio Lower Upper

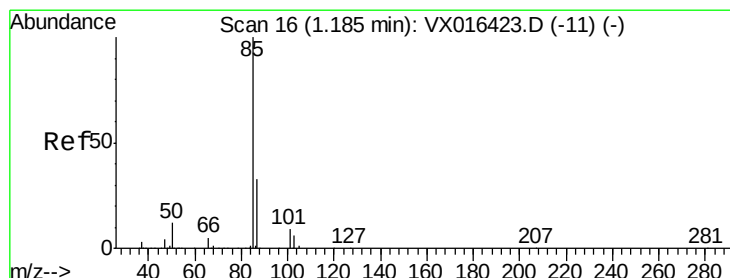
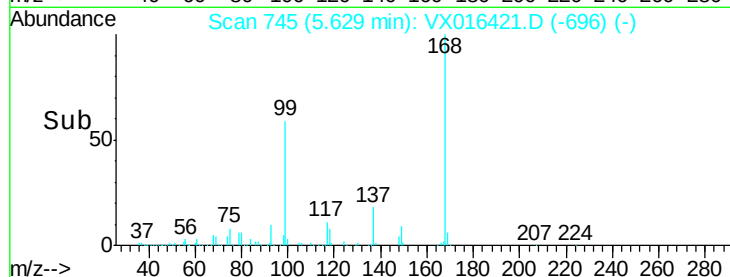
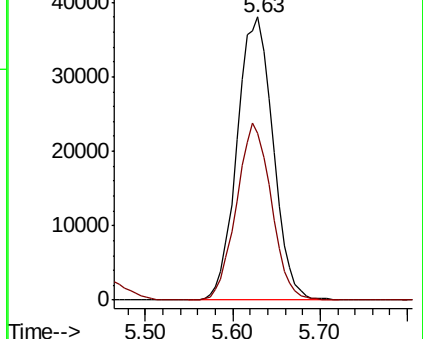
168 100

99 59.0 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.543 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016421.D

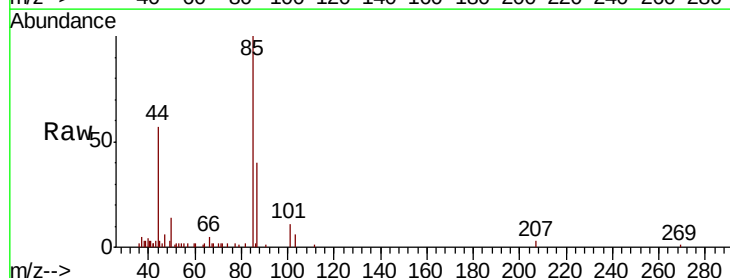
Acq: 26 May 2020 12:54

Tgt Ion: 85 Resp: 3919

Ion Ratio Lower Upper

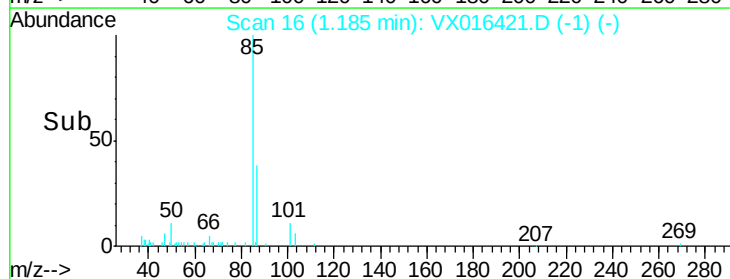
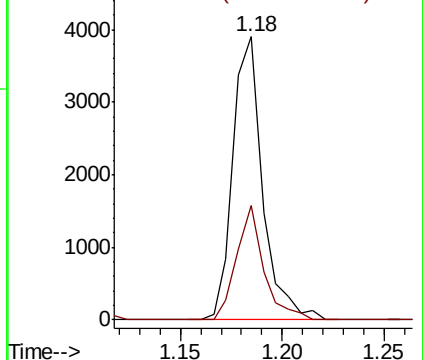
85 100

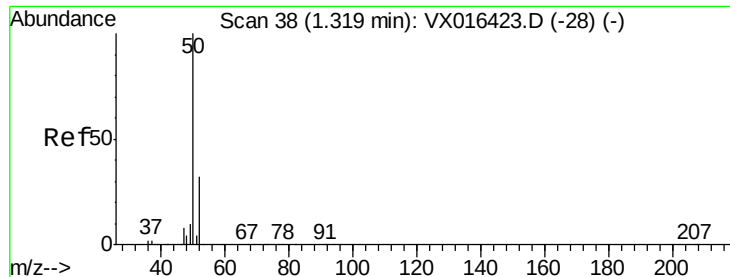
87 40.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.985 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

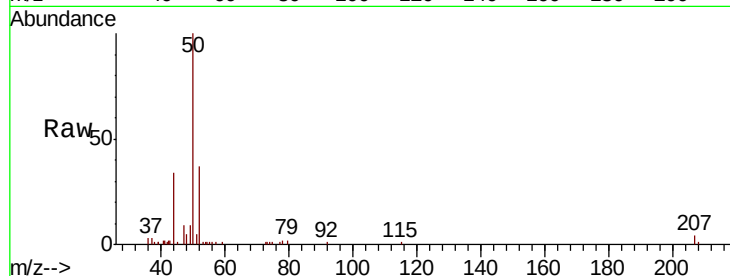
VSTDIC005

Tot Ion: 50 Resp: 6507

Ion Ratio Lower Upper

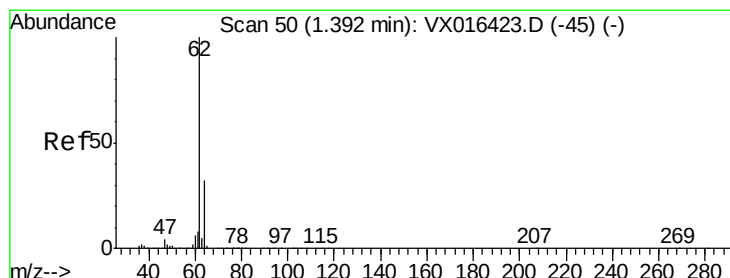
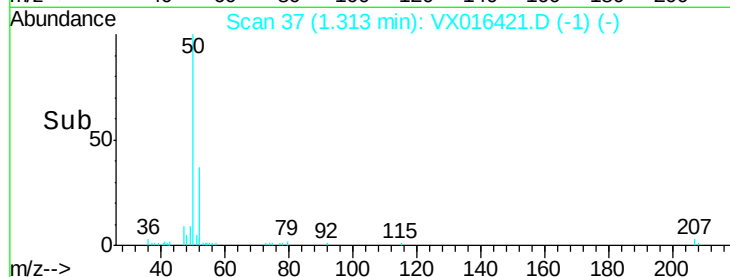
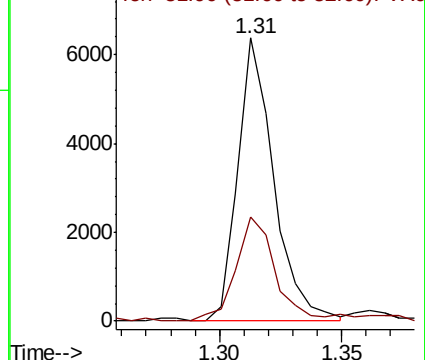
50 100

52 36.6 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: 6.021 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016421.D

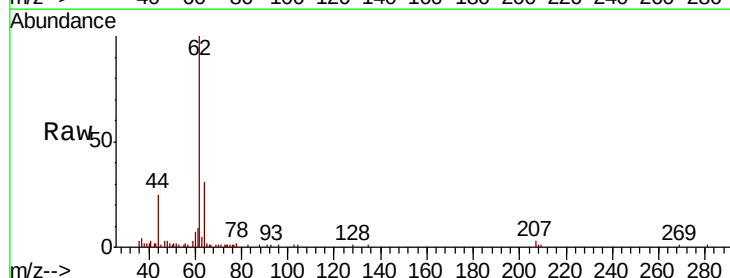
Acq: 26 May 2020 12:54

Tgt Ion: 62 Resp: 8672

Ion Ratio Lower Upper

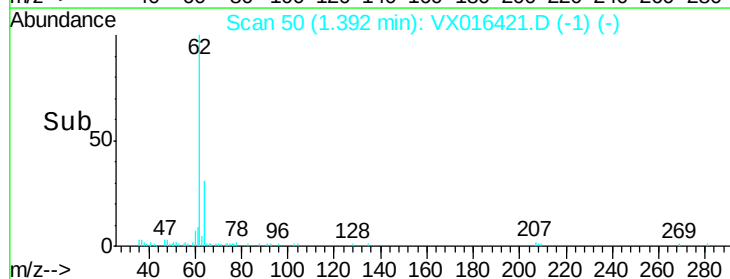
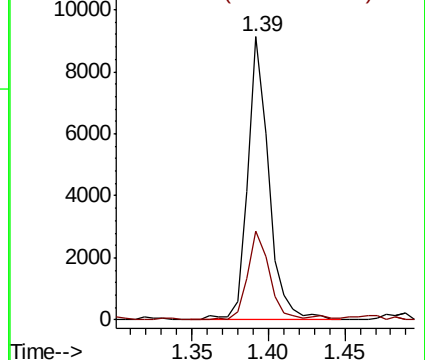
62 100

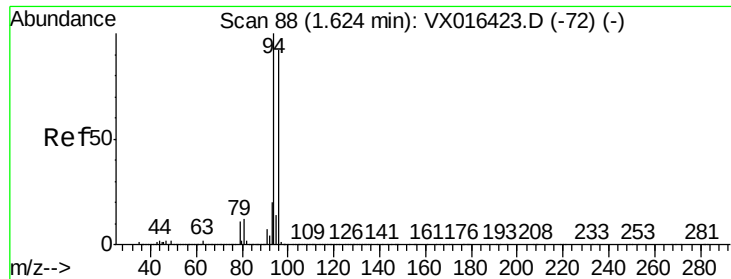
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.048 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

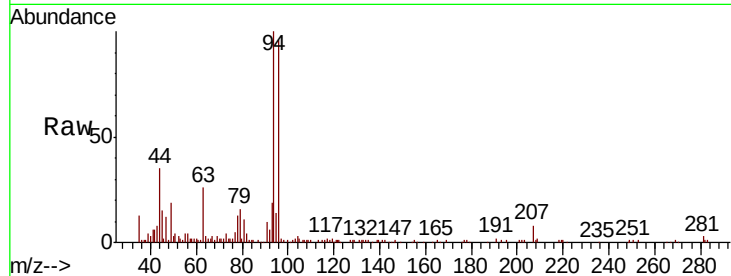
VSTDIC005

Tot Ion: 94 Resp: 12248

Ion Ratio Lower Upper

94 100

96 95.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

15000

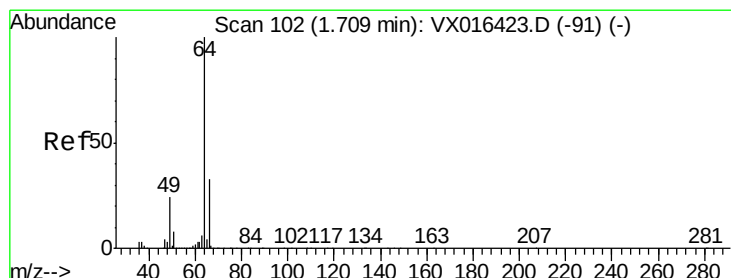
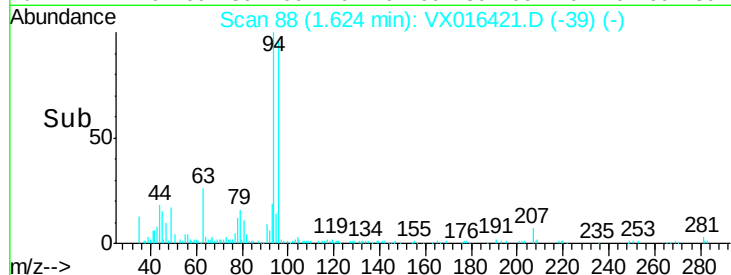
10000

5000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 7.536 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016421.D

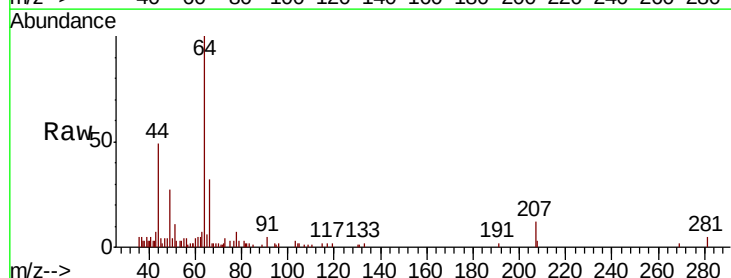
Acq: 26 May 2020 12:54

Tgt Ion: 64 Resp: 6739

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

6000

5000

4000

3000

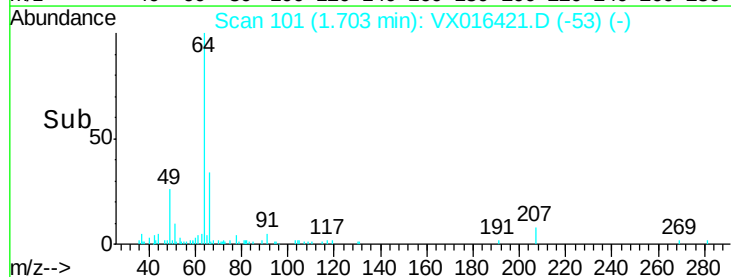
2000

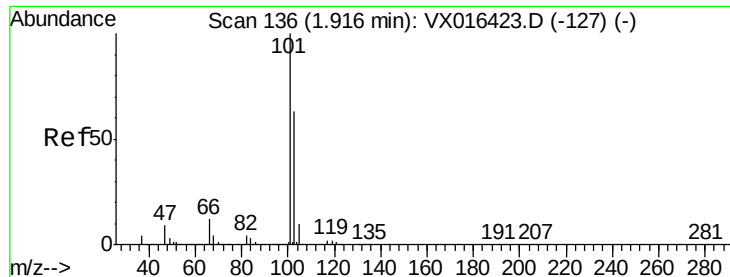
1000

0

1.60 1.65 1.70 1.75 1.80

Time-->



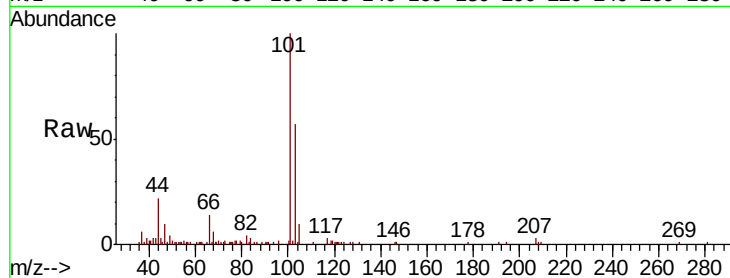


#7

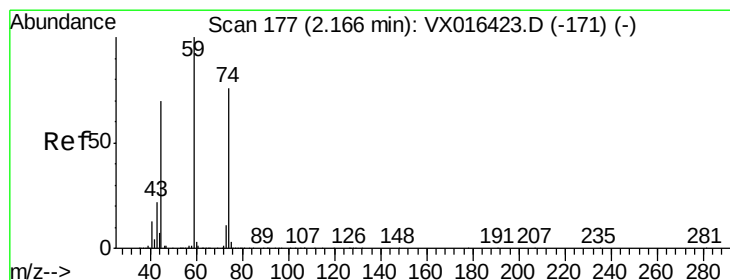
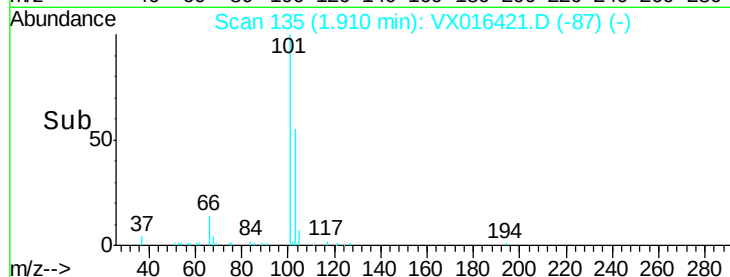
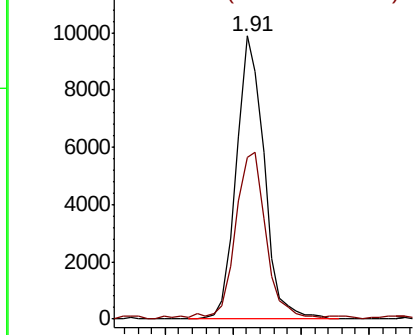
Trichlorofluoromethane
Concen: 7.187 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 14080
Ion Ratio Lower Upper
101 100
103 56.7 50.1 75.1



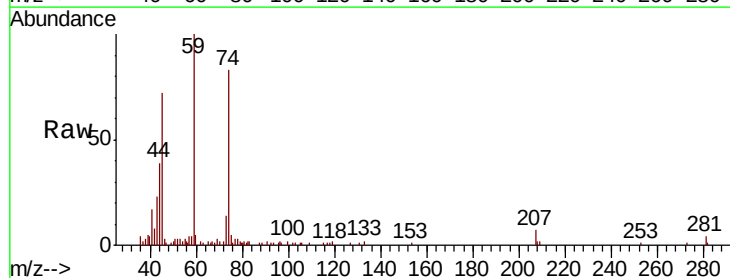
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



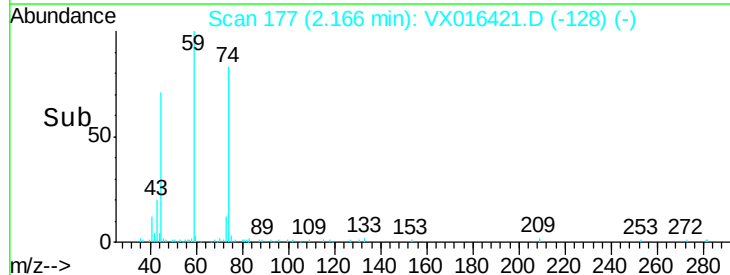
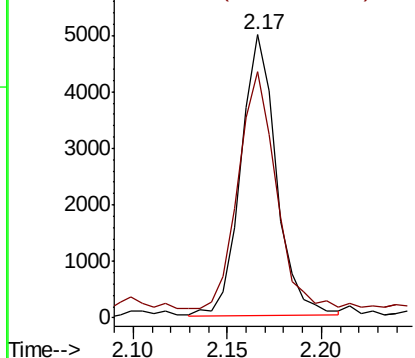
#8

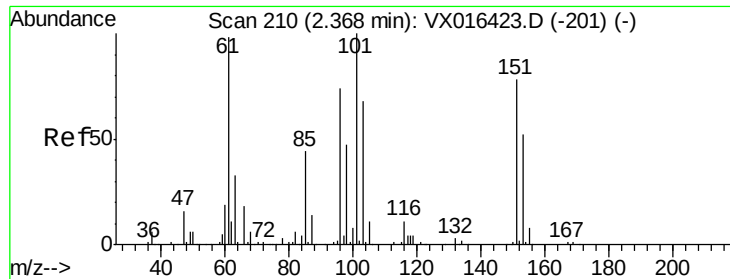
Diethyl Ether
Concen: 7.891 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 74 Resp: 6466
Ion Ratio Lower Upper
74 100
45 90.8 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.781 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

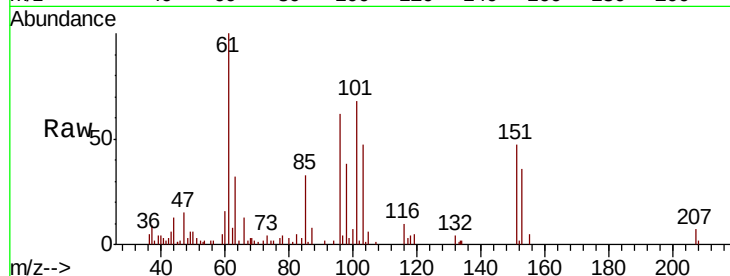
Tot Ion:101 Resp: 6187

Ion Ratio Lower Upper

101 100

85 46.7 36.2 54.4

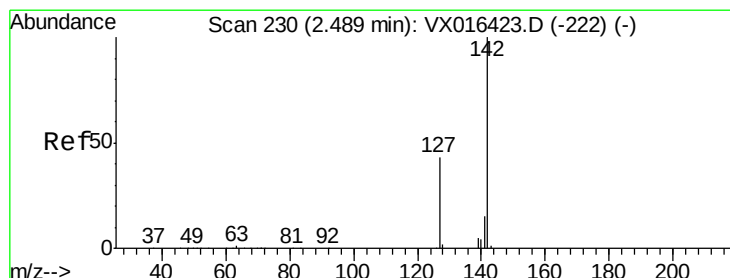
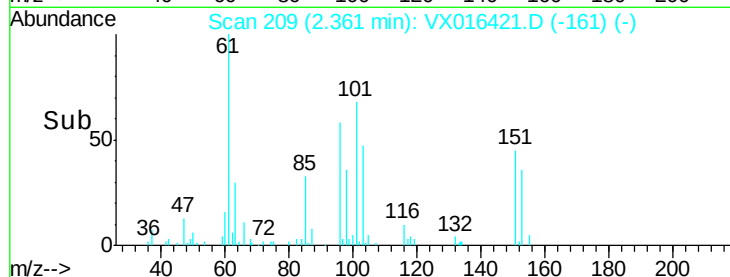
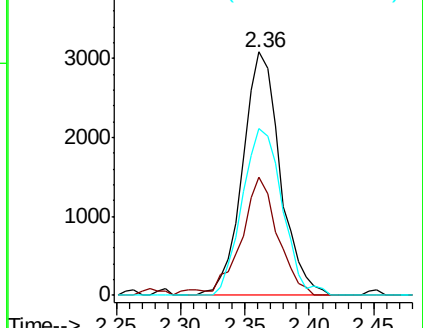
151 73.7 60.4 90.6



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



#10

Methyl Iodide

Concen: 3.023 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

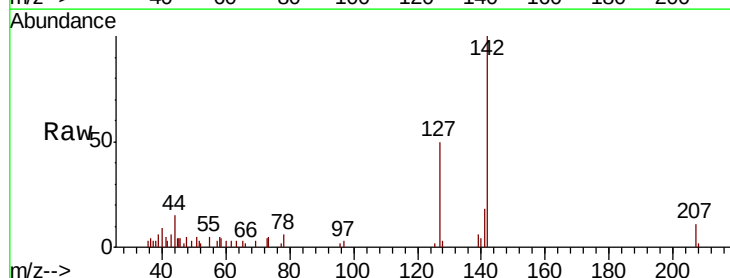
Tgt Ion:142 Resp: 4158

Ion Ratio Lower Upper

142 100

127 51.7 36.2 54.4

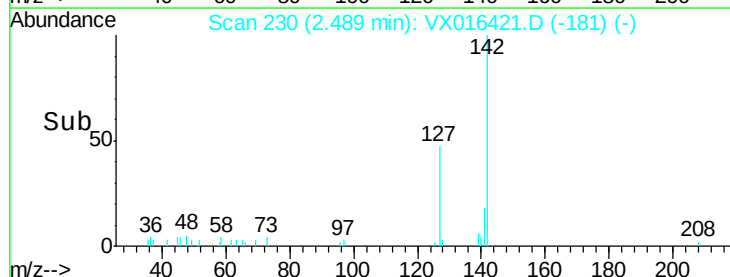
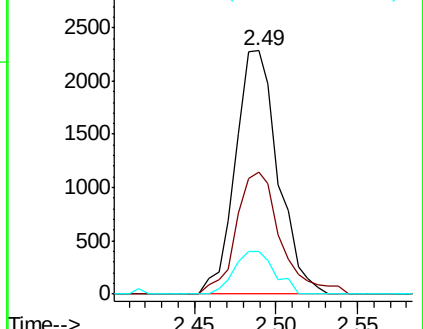
141 16.6 12.2 18.2

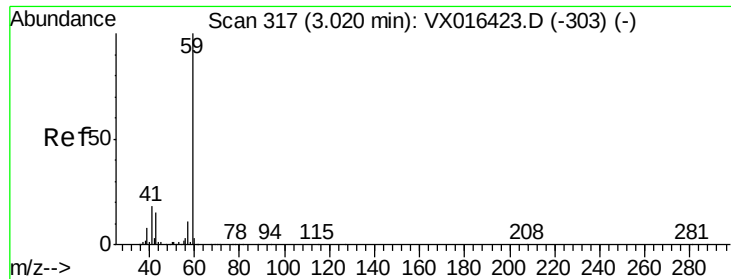


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



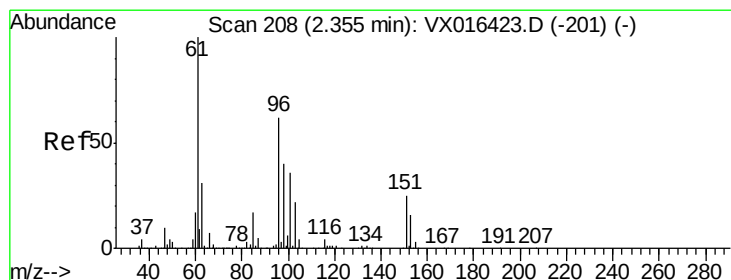
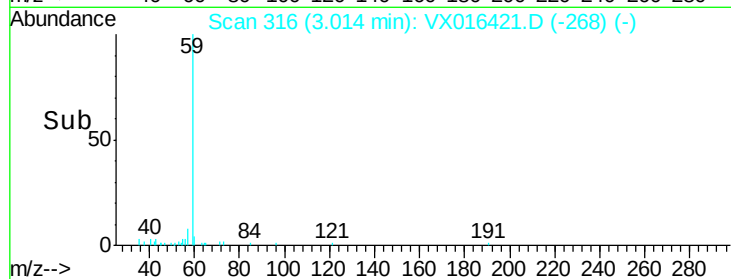
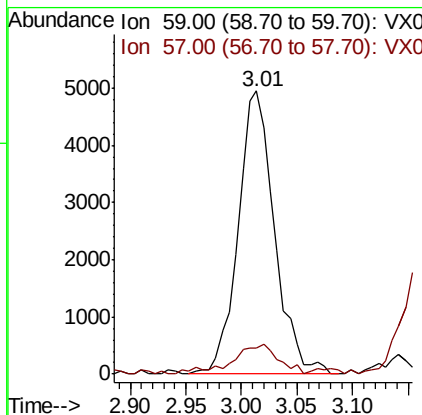
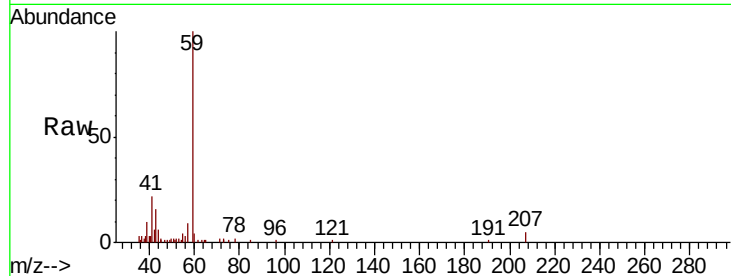


#11

Tert butyl alcohol
 Concen: 31.716 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

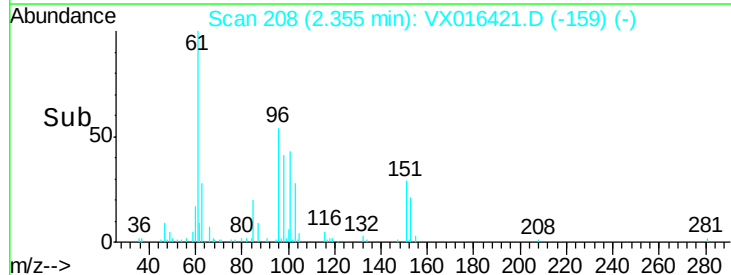
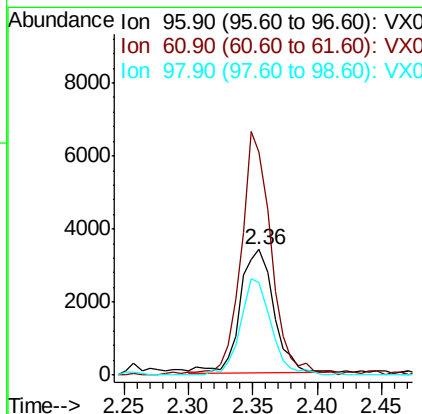
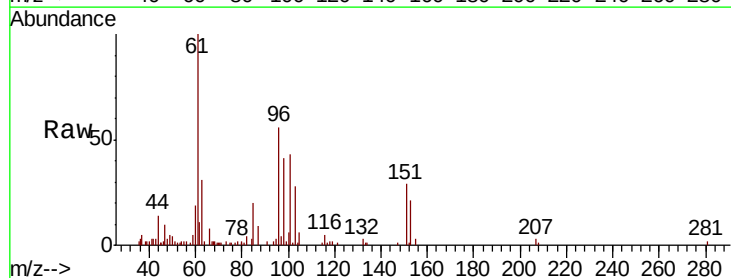
Tot Ion: 59 Resp: 11236
 Ion Ratio Lower Upper
 59 100
 57 13.3 8.5 12.7#

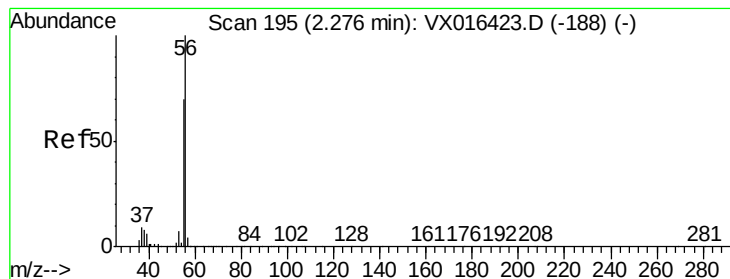


#12

1,1-Dichloroethene
 Concen: 5.525 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 96 Resp: 6184
 Ion Ratio Lower Upper
 96 100
 61 181.7 128.2 192.4
 98 75.4 50.8 76.2





#13

Acrolein

Concen: 35.672 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

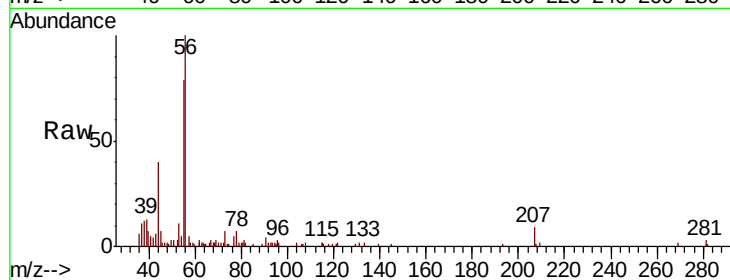
VSTDIC005

Tot Ion: 56 Resp: 7674

Ion Ratio Lower Upper

56 100

55 68.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

5000

4000

3000

2000

1000

0

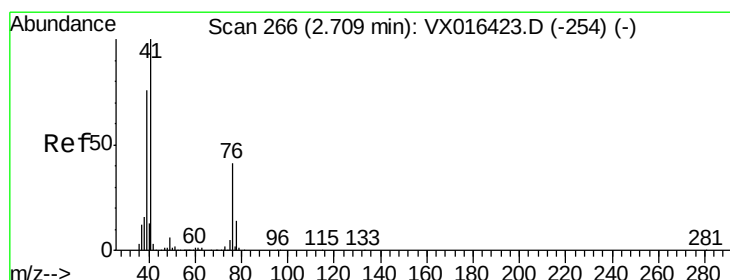
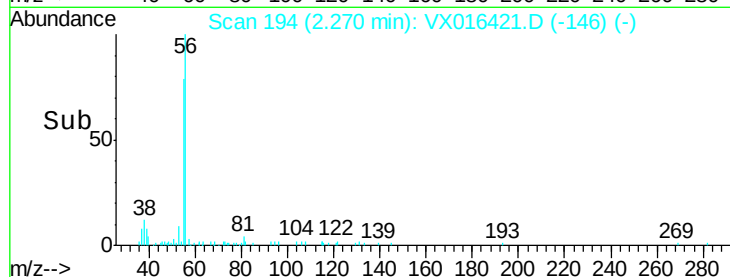
Time-->

2.20

2.25

2.30

2.35



#14

Allyl chloride

Concen: 5.329 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

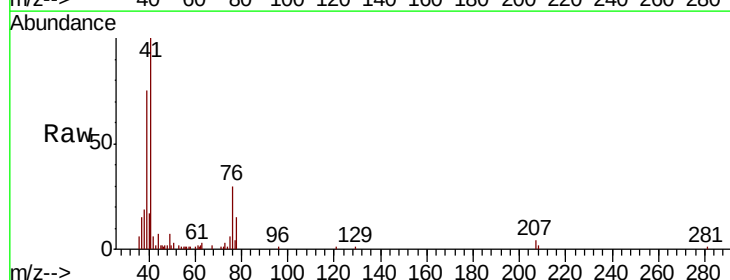
Tgt Ion: 41 Resp: 10773

Ion Ratio Lower Upper

41 100

39 77.4 55.8 83.8

76 36.8 29.6 44.4



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

8000

6000

4000

2000

0

Time-->

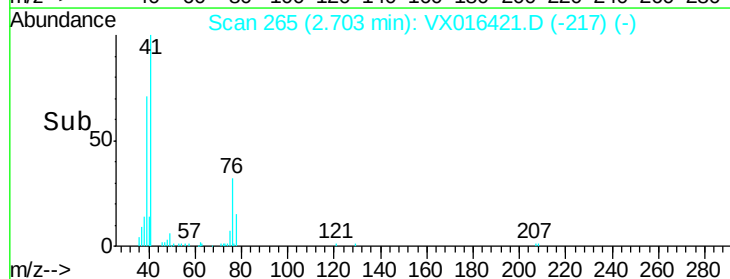
2.60

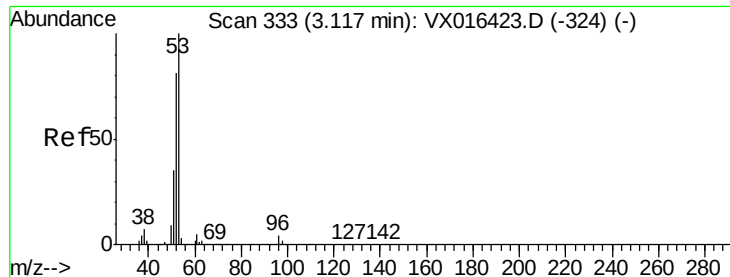
2.65

2.70

2.75

2.80





#15

Acrylonitrile

Concen: 28.017 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

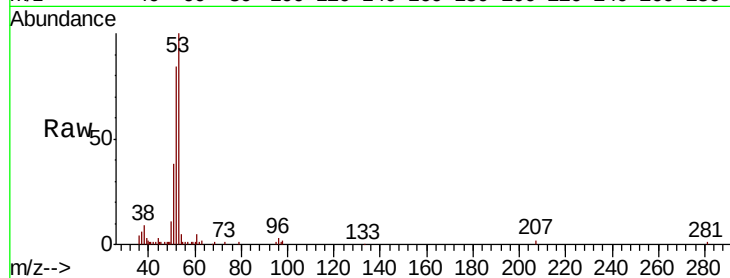
Tot Ion: 53 Resp: 20676

Ion Ratio Lower Upper

53 100

52 86.9 65.4 98.2

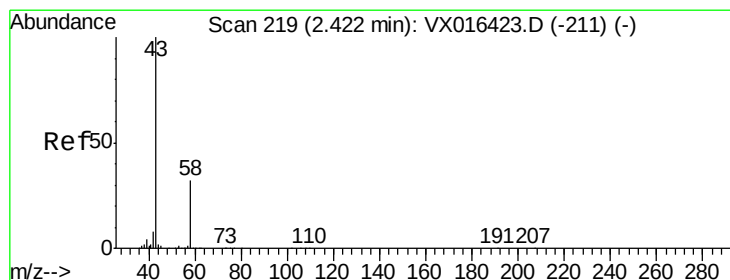
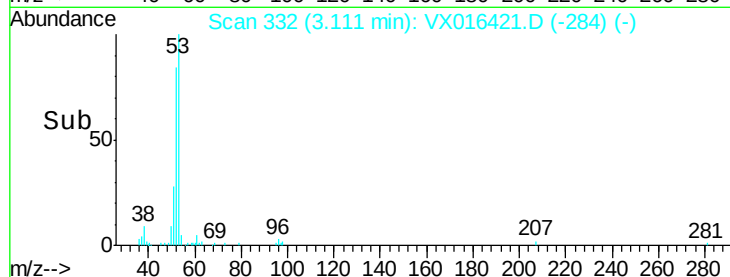
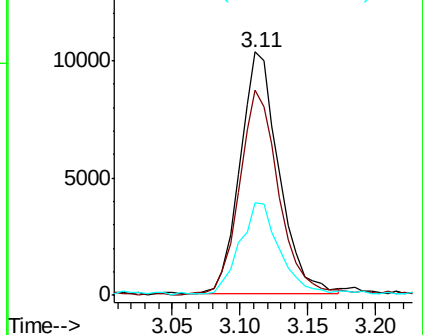
51 40.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 32.538 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016421.D

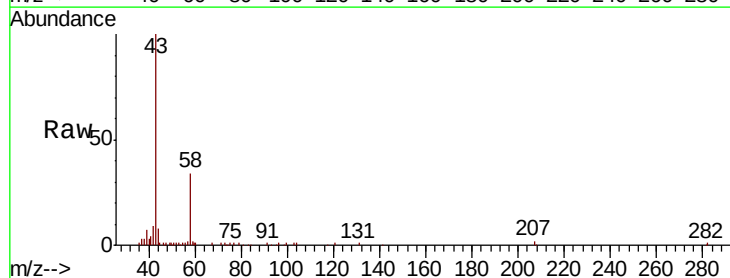
Acq: 26 May 2020 12:54

Tgt Ion: 43 Resp: 20445

Ion Ratio Lower Upper

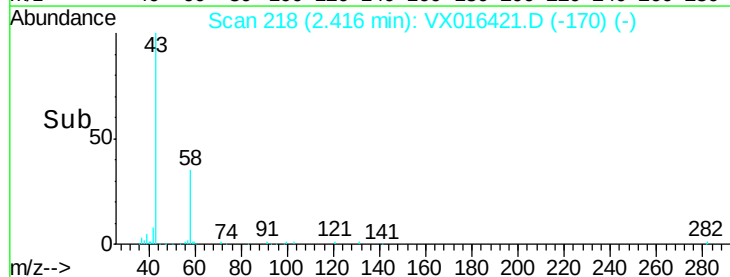
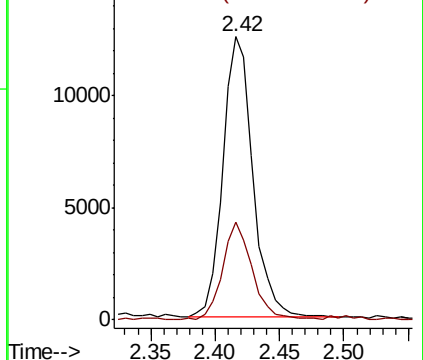
43 100

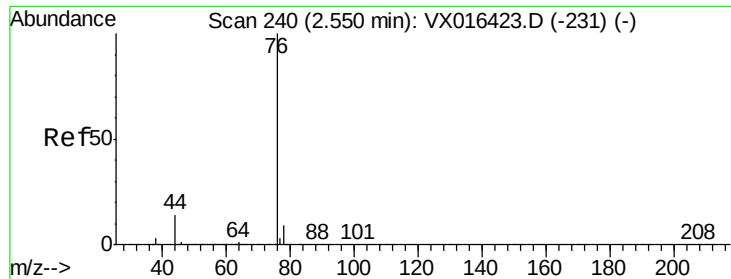
58 34.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

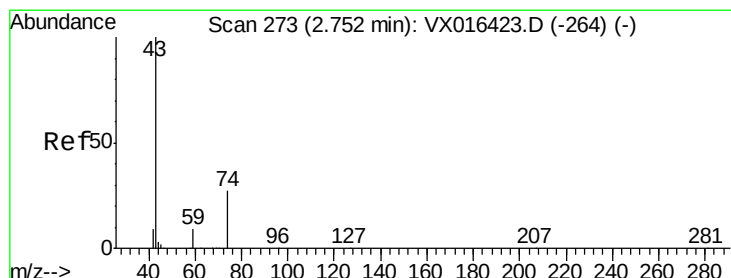
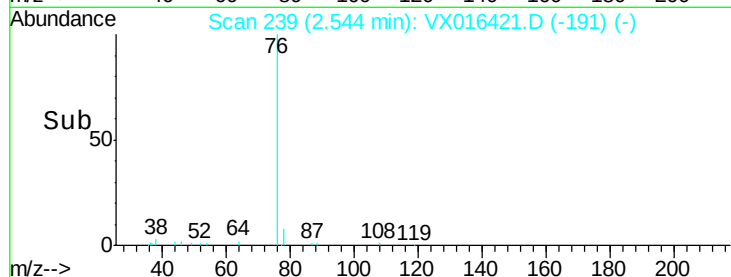
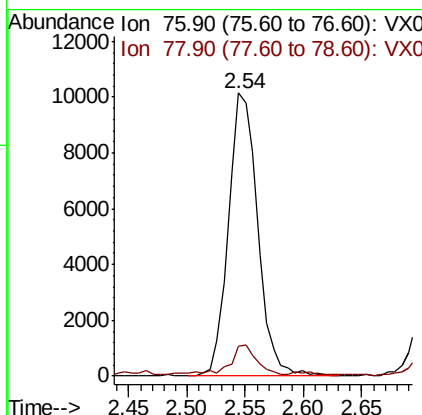
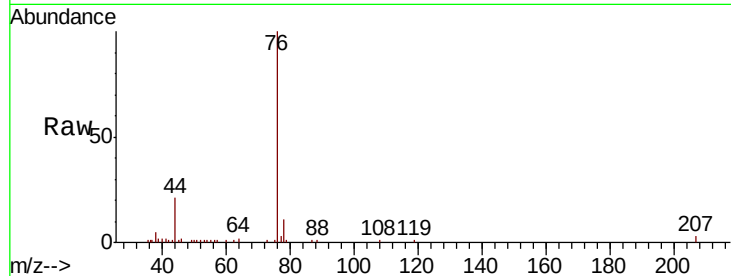




#17
Carbon Disulfide
Concen: 4.681 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

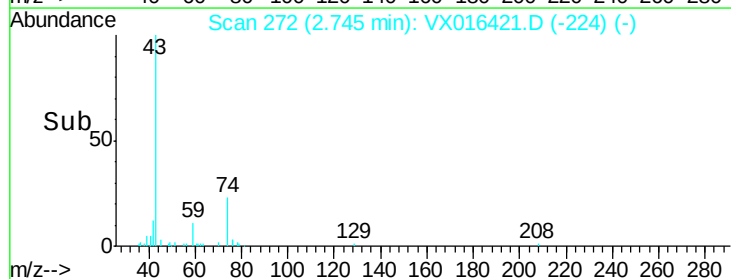
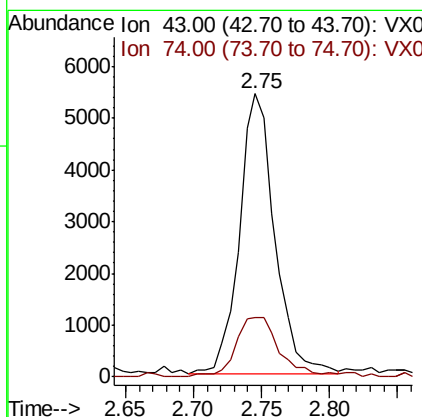
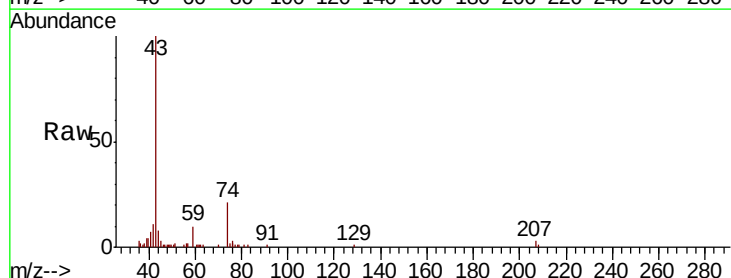
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

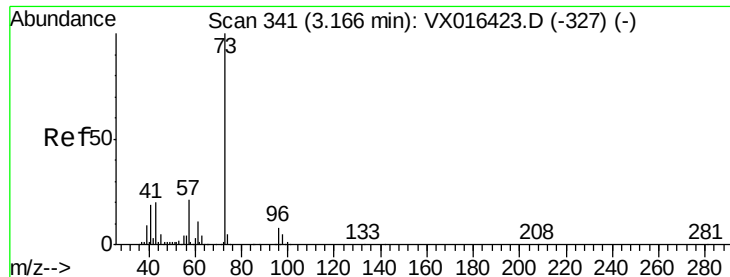
Tot Ion: 76 Resp: 17807
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 6.375 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 43 Resp: 9843
Ion Ratio Lower Upper
43 100
74 26.3 21.3 31.9



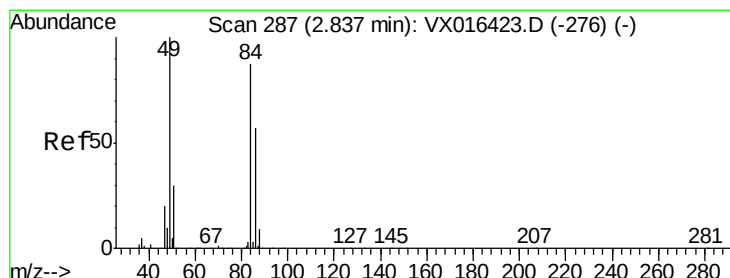
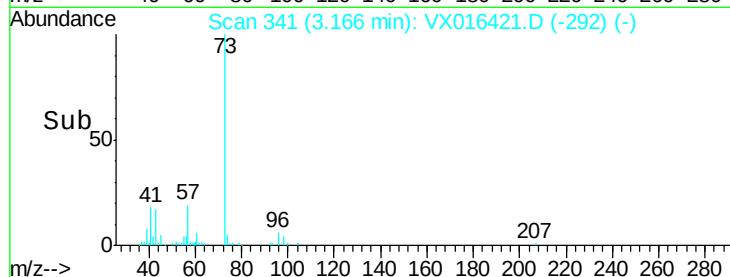
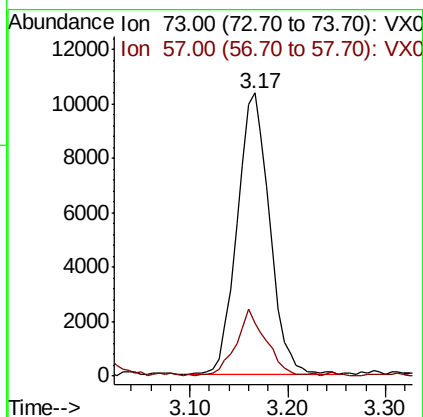
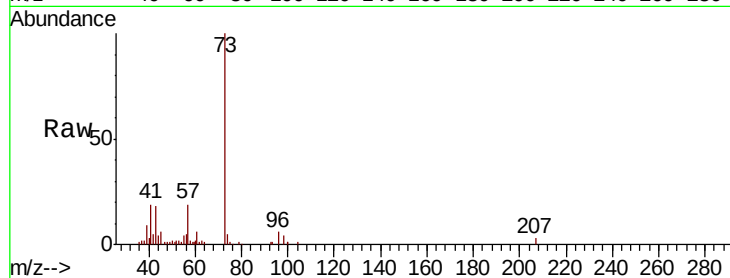


#19

Methvl tert-butyl Ether
 Concen: 6.121 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

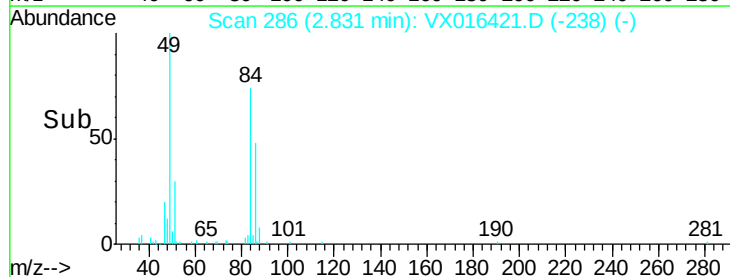
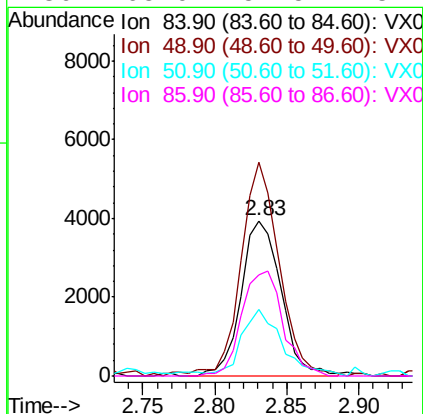
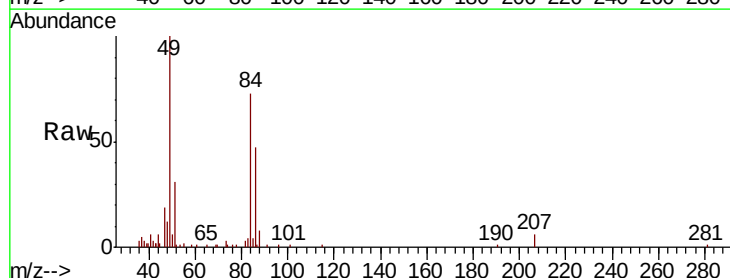
Tot Ion: 73 Resp: 23748
 Ion Ratio Lower Upper
 73 100
 57 18.6 17.3 25.9

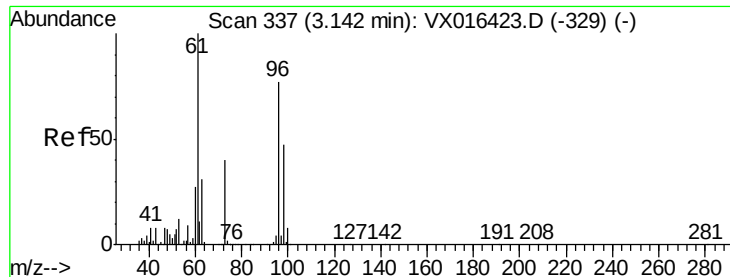


#20

Methylene Chloride
 Concen: 5.765 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 84 Resp: 7539
 Ion Ratio Lower Upper
 84 100
 49 135.6 92.2 138.4
 51 40.7 27.8 41.8
 86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.985 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

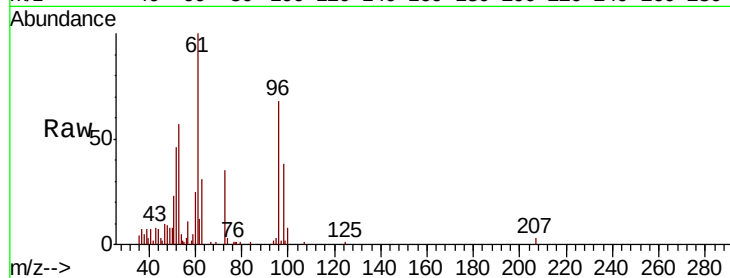
Tot Ion: 96 Resp: 7570

Ion Ratio Lower Upper

96 100

61 147.2 104.3 156.5

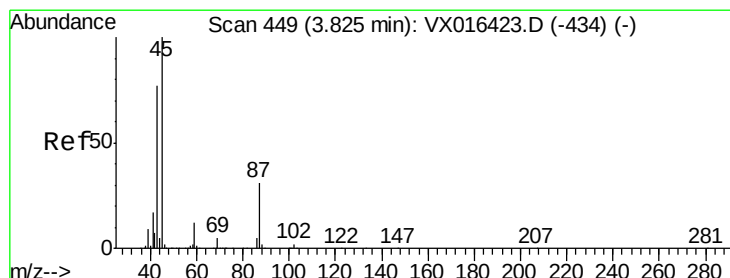
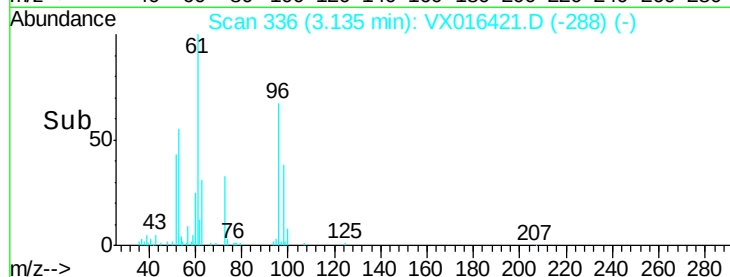
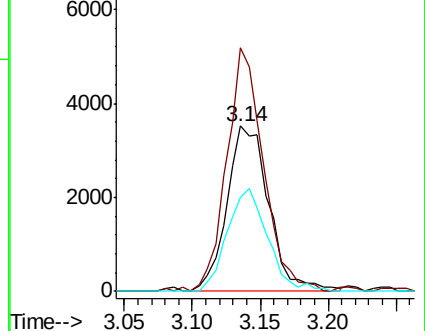
98 56.6 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.738 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Tgt Ion: 45 Resp: 22211

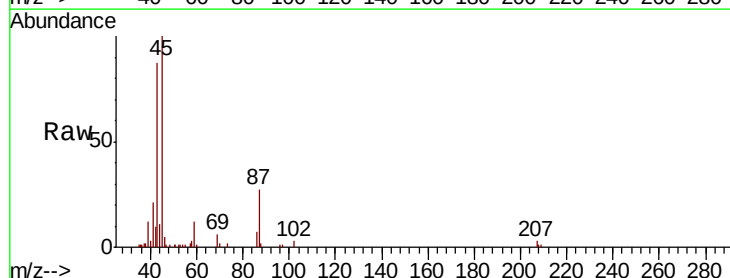
Ion Ratio Lower Upper

45 100

43 85.9 61.4 92.2

87 27.0 24.4 36.6

59 12.2 9.4 14.2

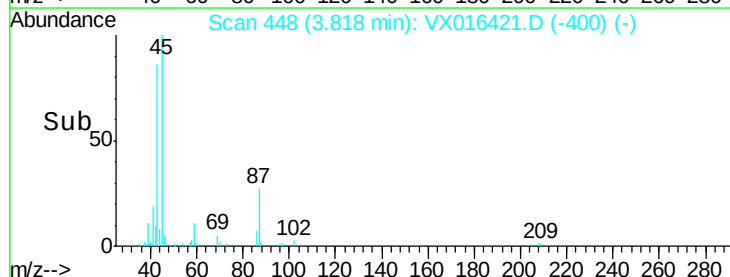
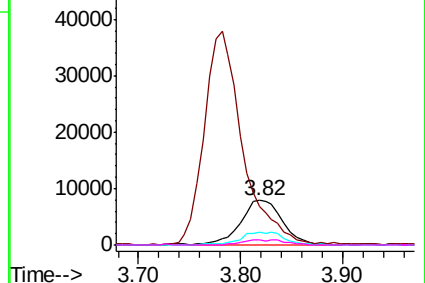


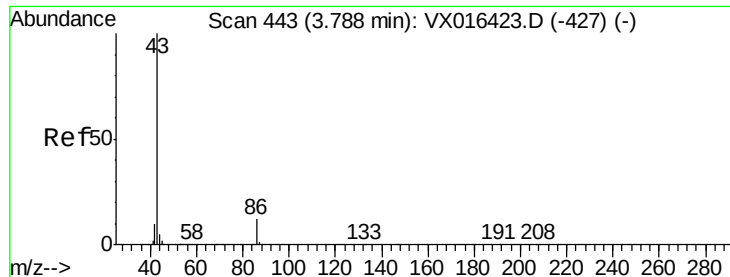
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 29.201 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

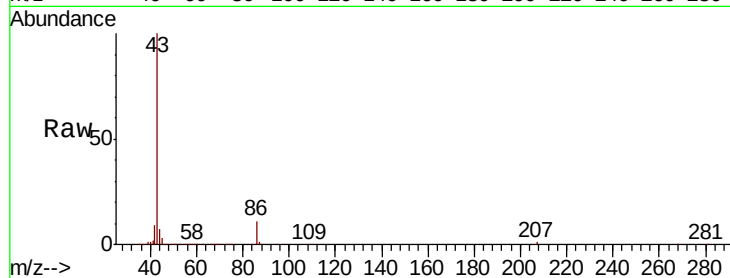
VSTDIC005

Tot Ion: 43 Resp: 99263

Ion Ratio Lower Upper

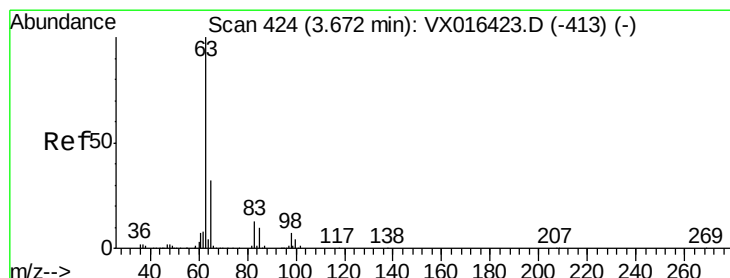
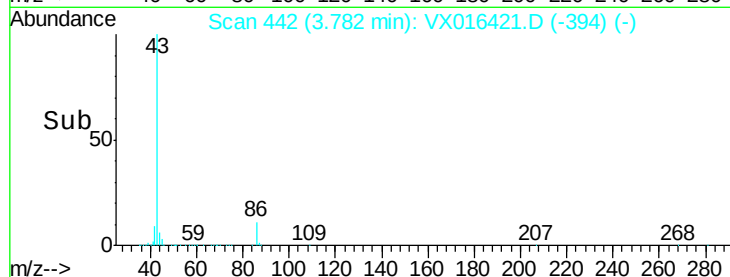
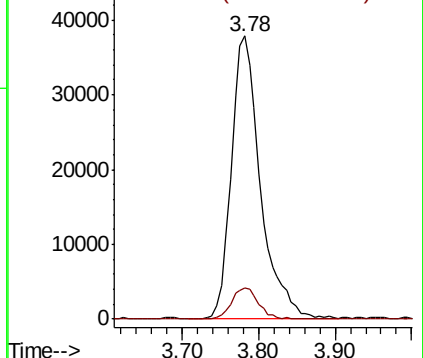
43 100

86 11.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 6.056 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

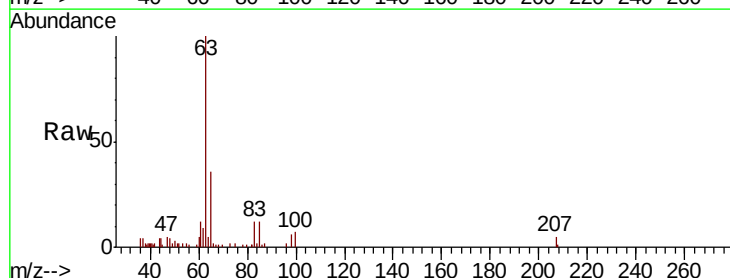
Tgt Ion: 63 Resp: 13200

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

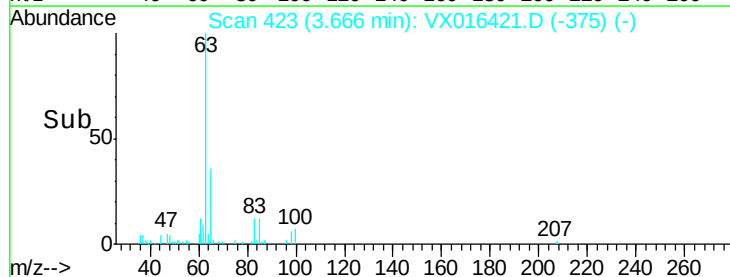
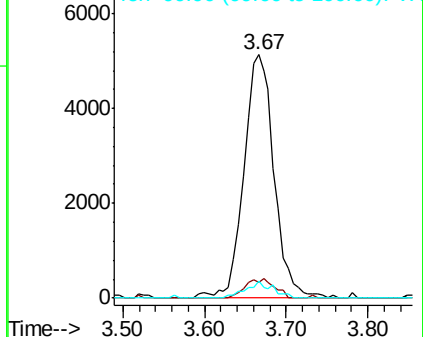
100 6.9 2.1 6.5#

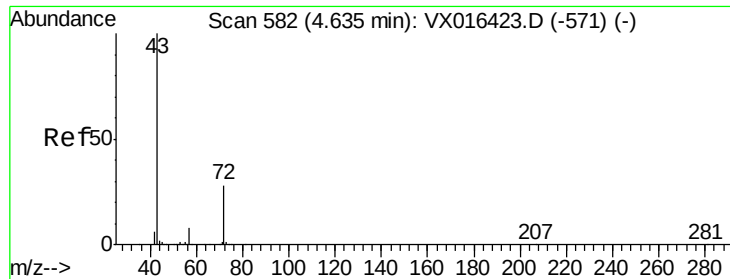


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 30.814 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

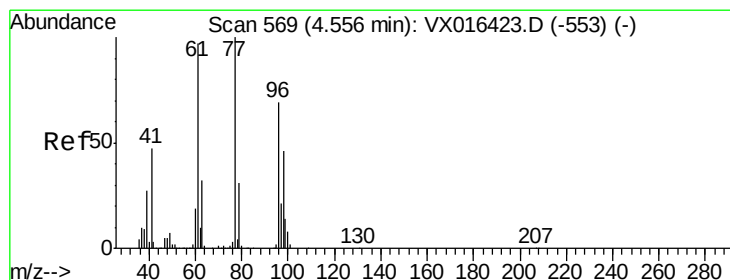
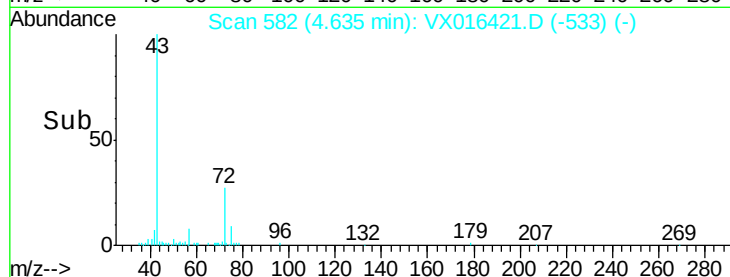
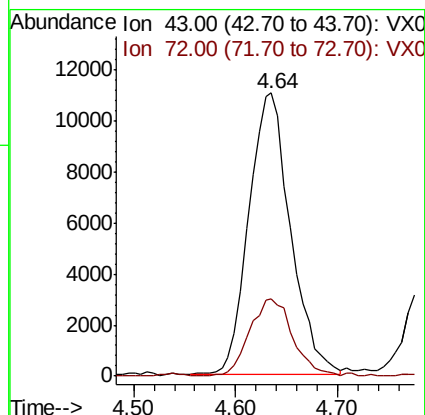
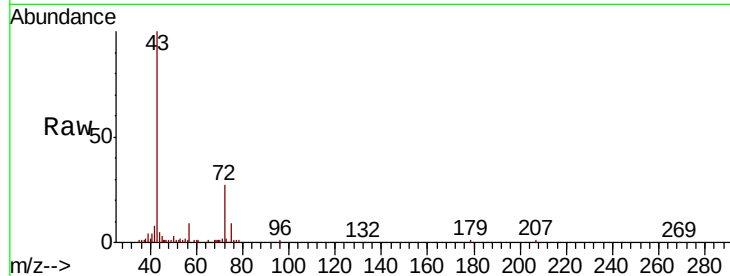
VSTDIC005

Tot Ion: 43 Resp: 31237

Ion Ratio Lower Upper

43 100

72 27.4 22.7 34.1



#26

2,2-Dichloropropane

Concen: 5.922 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016421.D

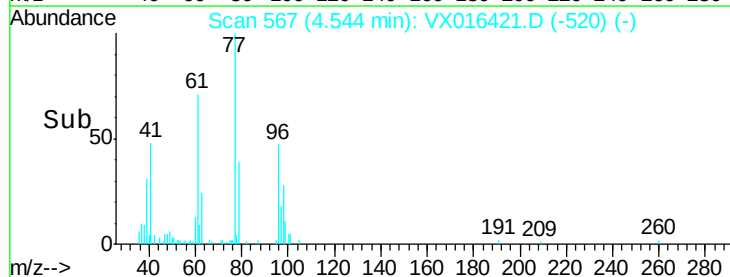
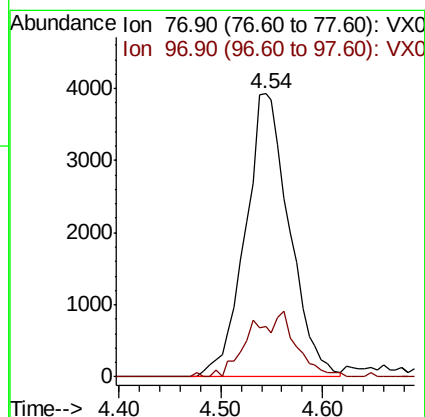
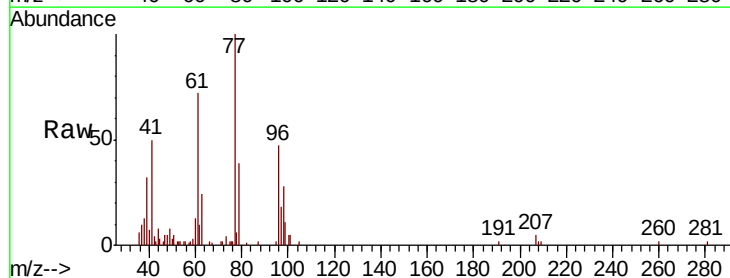
Acq: 26 May 2020 12:54

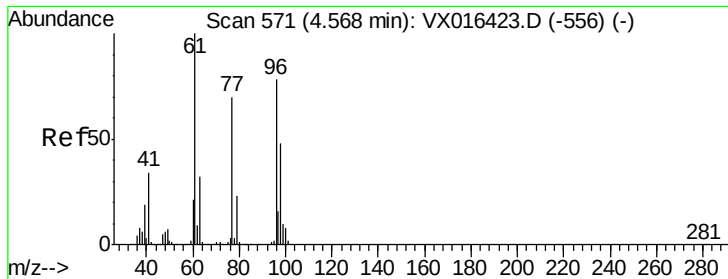
Tgt Ion: 77 Resp: 11817

Ion Ratio Lower Upper

77 100

97 12.9 11.5 34.5



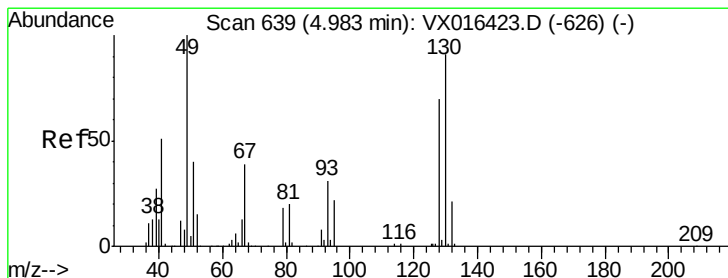
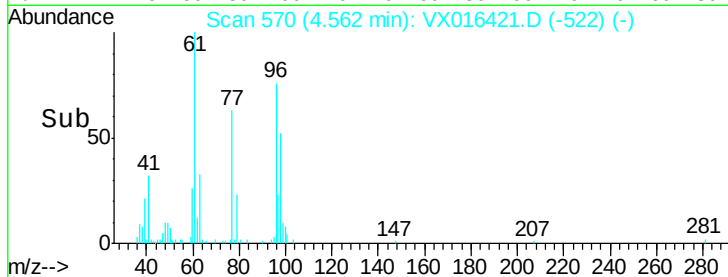
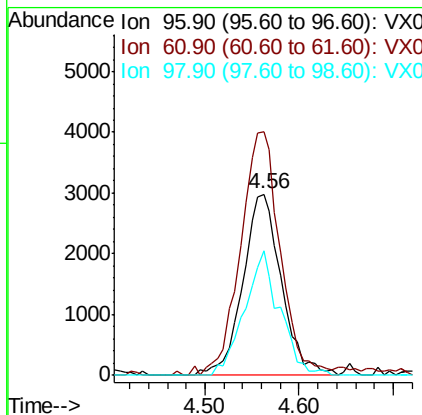
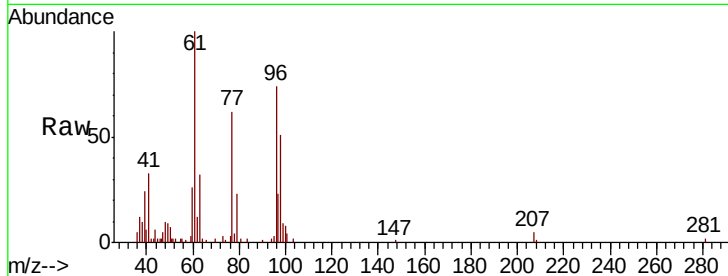


#27

cis-1,2-Dichloroethene
 Concen: 6.144 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

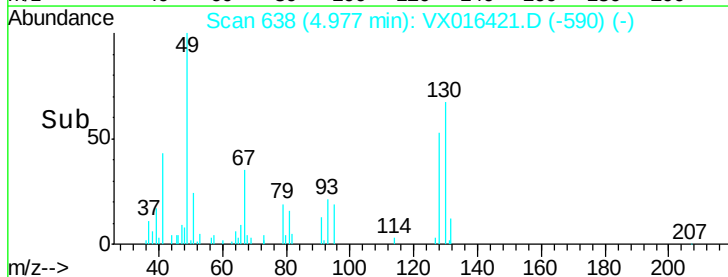
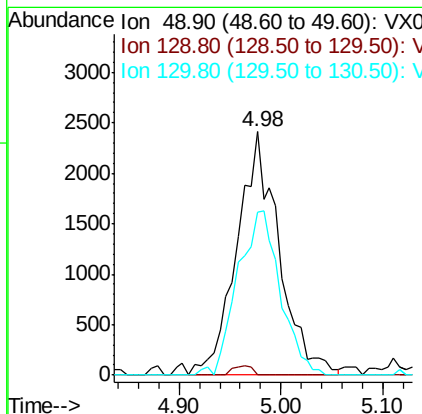
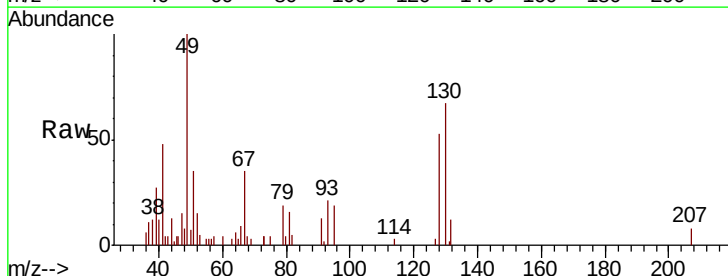
Tot Ion	96	Resp	8527
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	271.0
98	63.2	0.0	127.6

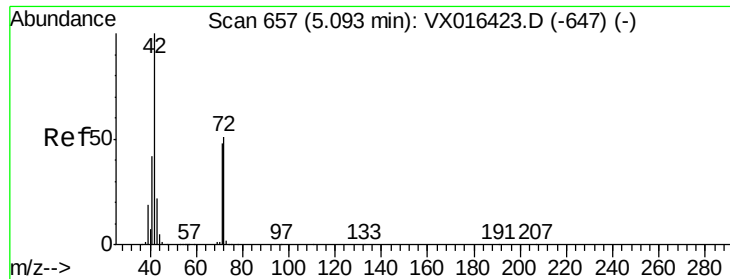


#28

Bromochloromethane
 Concen: 6.915 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion	49	Resp	6904
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	68.3	71.2	106.8#





#29

Tetrahydrofuran

Concen: 31.164 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

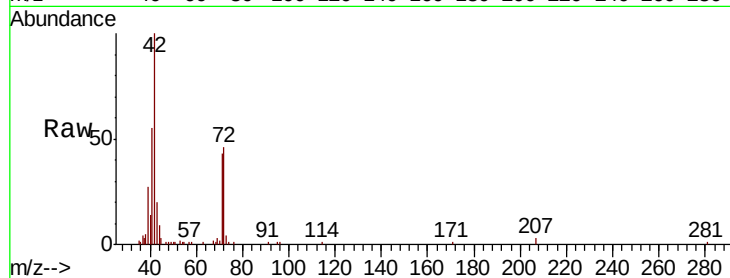
Tot Ion: 42 Resp: 20904

Ion Ratio Lower Upper

42 100

72 48.5 40.2 60.4

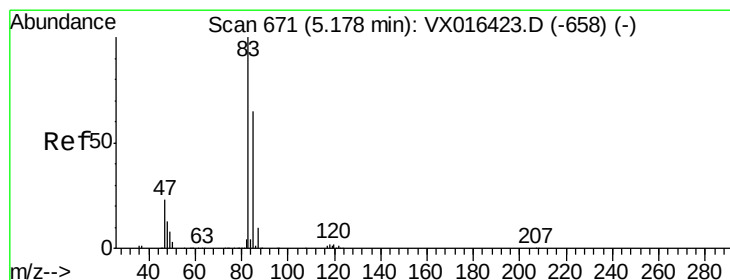
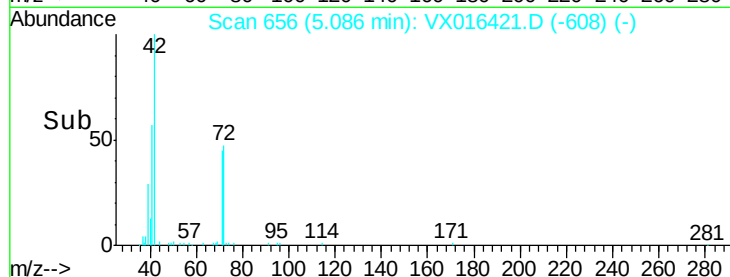
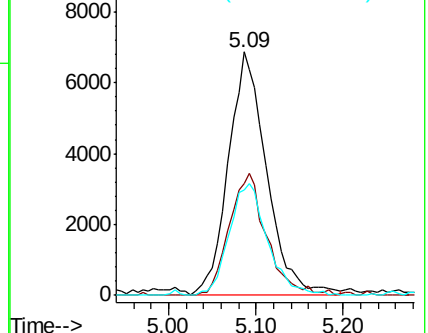
71 46.1 37.7 56.5



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: 6.323 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016421.D

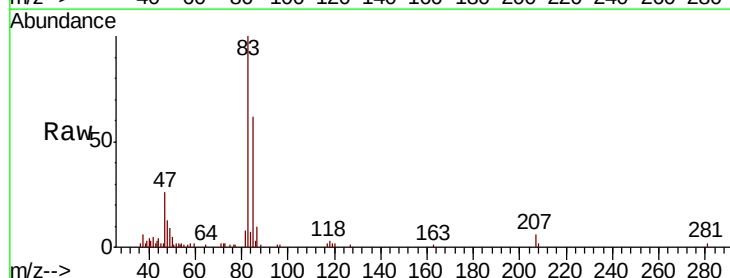
Acq: 26 May 2020 12:54

Tgt Ion: 83 Resp: 13857

Ion Ratio Lower Upper

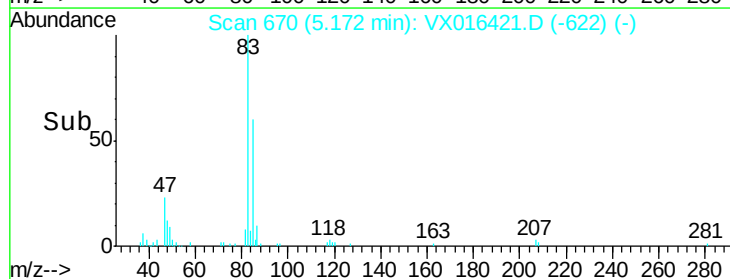
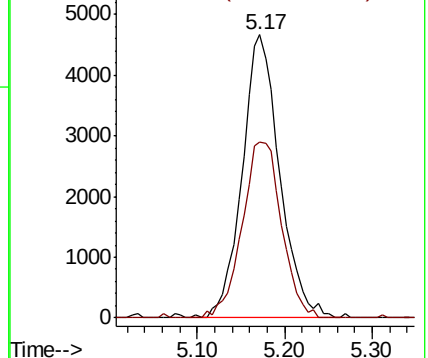
83 100

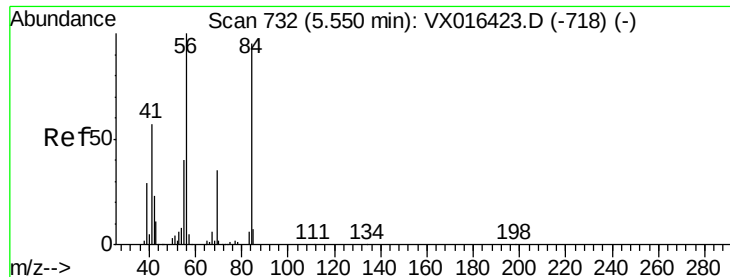
85 62.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

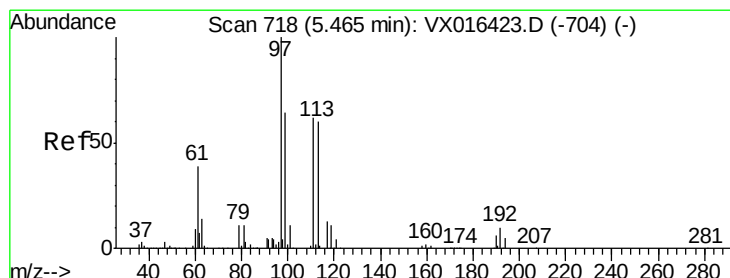
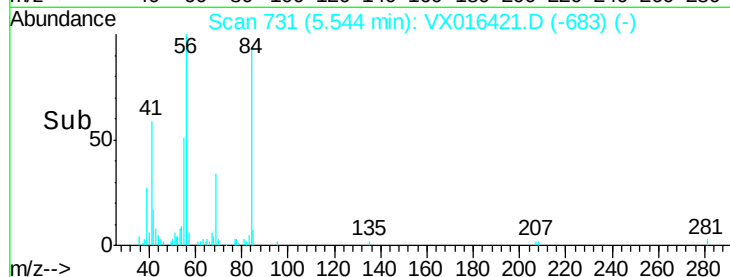
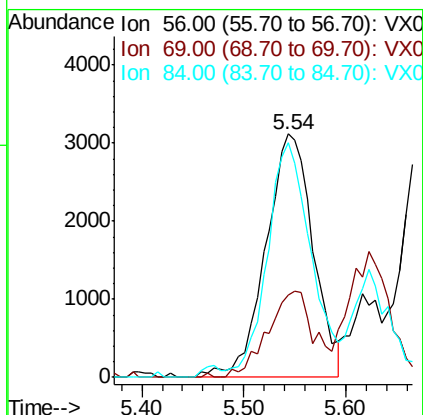
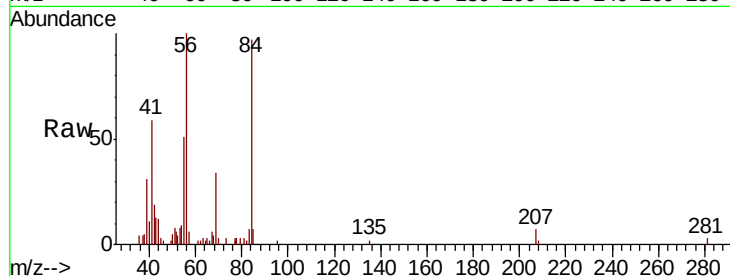




#31
Cyclohexane
Concen: 5.151 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

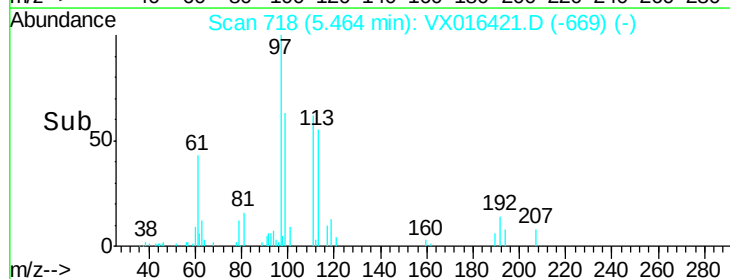
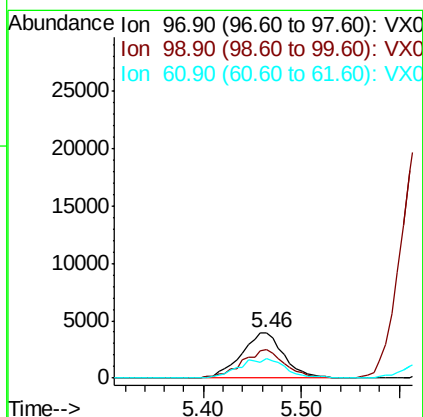
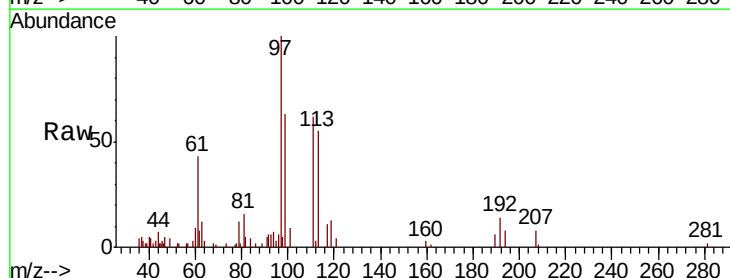
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

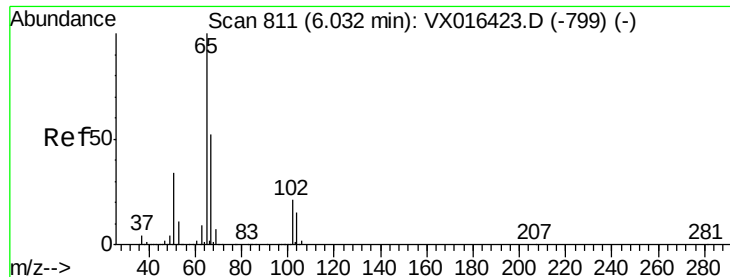
Tot Ion: 56 Resp: 10030
Ion Ratio Lower Upper
56 100
69 33.9 27.7 41.5
84 96.5 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 5.972 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 97 Resp: 11935
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 47.3 33.1 49.7

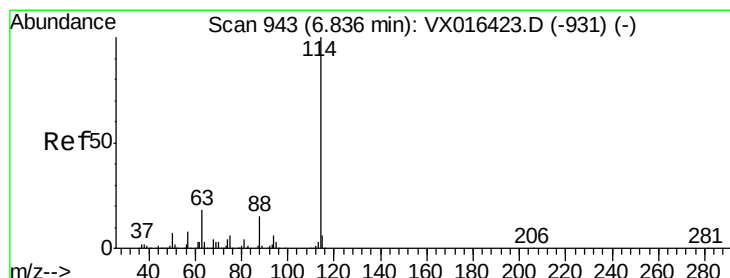
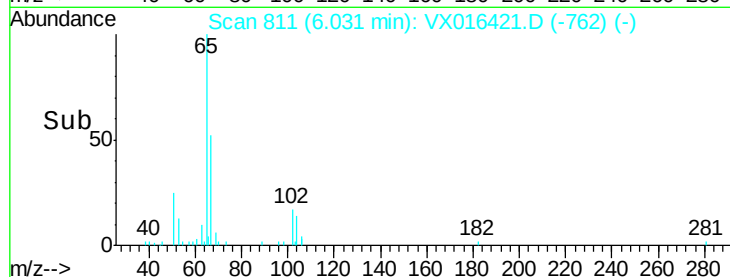
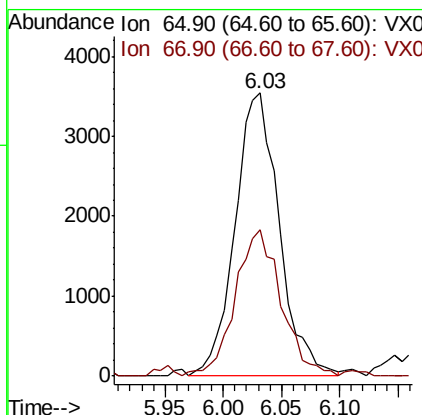
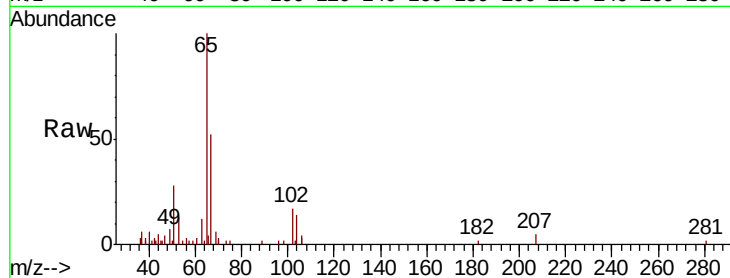




#33
 1,2-Dichloroethane-d4
 Concen: 6.482 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

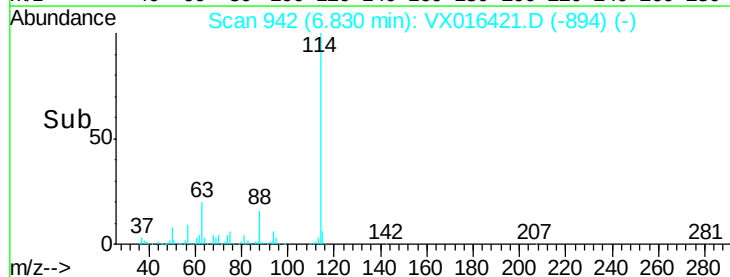
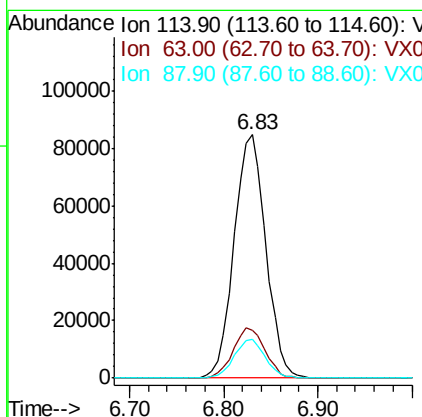
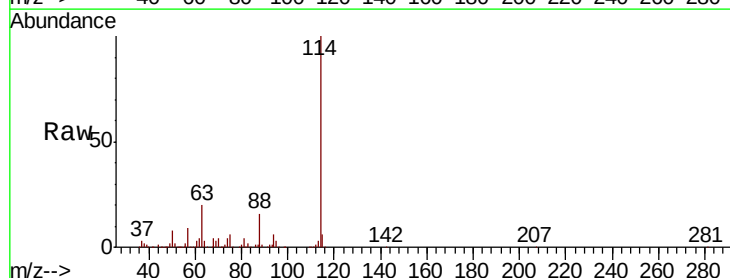
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

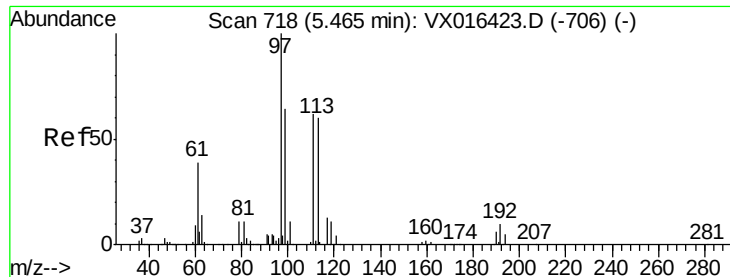
Tot Ion: 65 Resp: 9391
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 114 Resp: 198072
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.4
 88 16.0 0.0 29.2

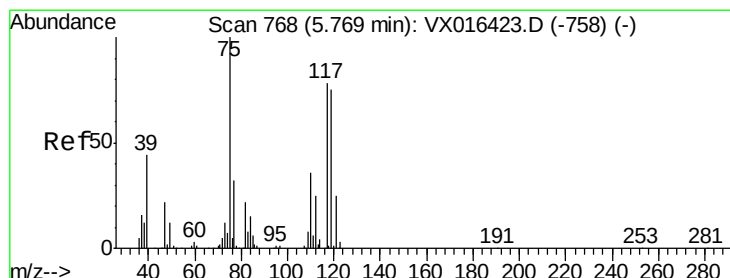
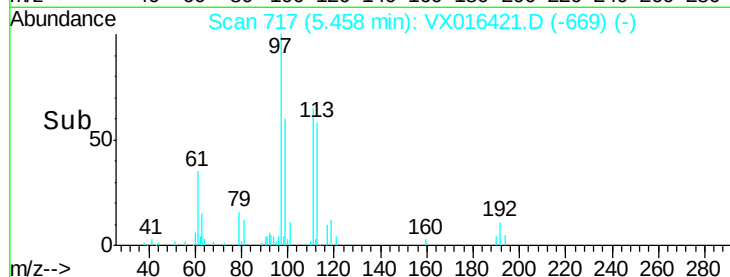
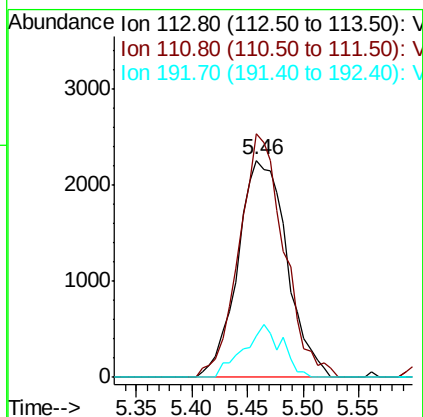
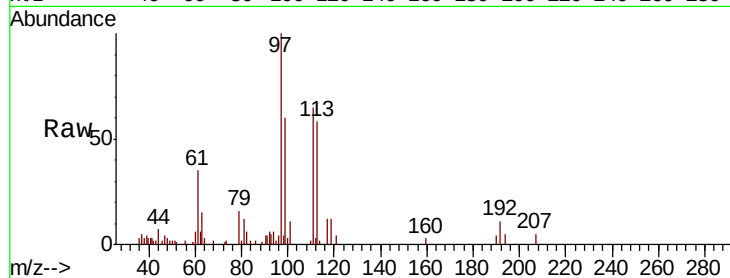




#35
 Dibromofluoromethane
 Concen: 5.441 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

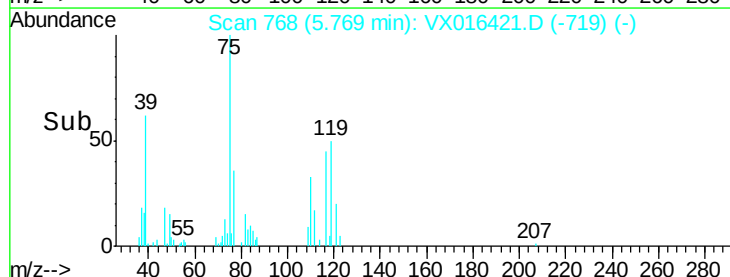
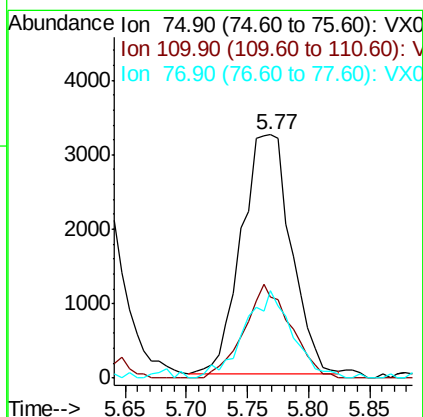
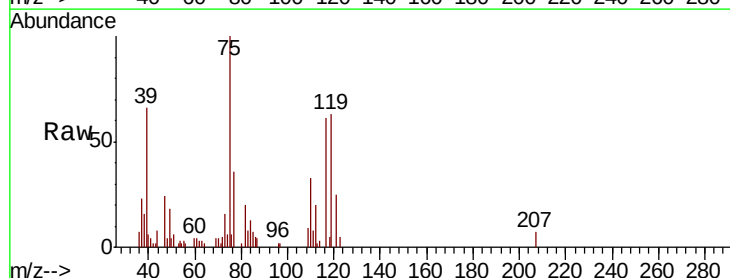
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

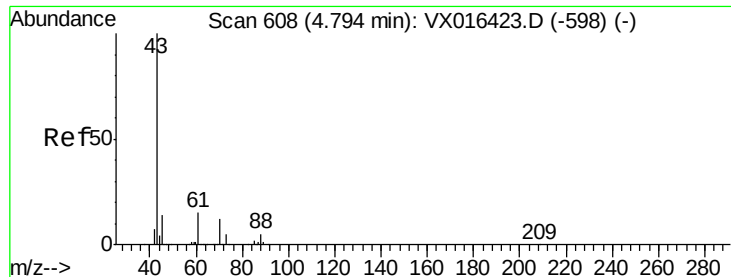
Tot Ion:113 Resp: 6910
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.5 123.7
 192 18.8 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 75 Resp: 9116
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.7 56.1
 77 35.1 24.9 37.3

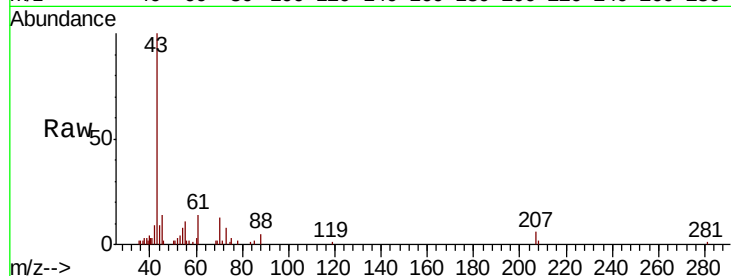




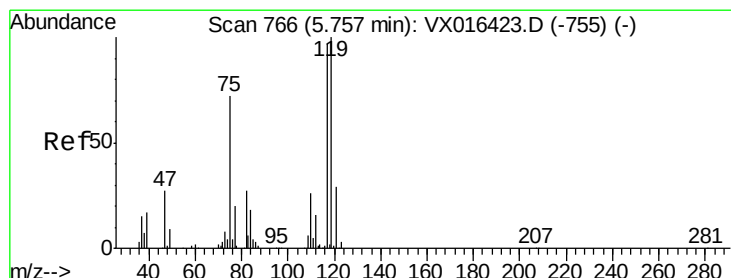
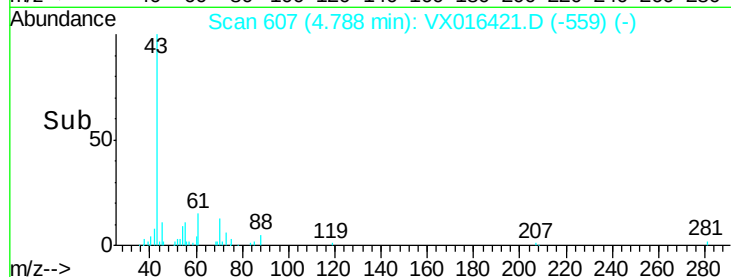
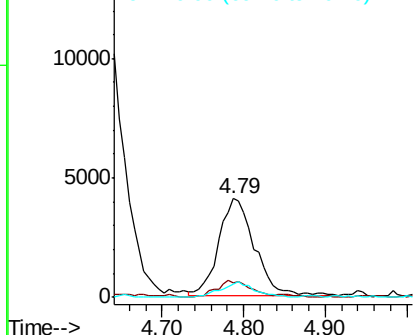
#37
Ethyl Acetate
Concen: 5.595 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.8	17.8
70	14.5	9.6	14.4#

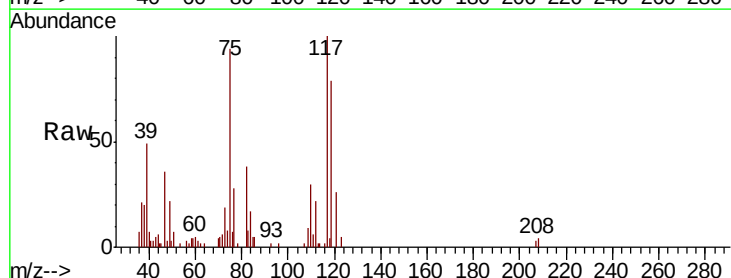


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

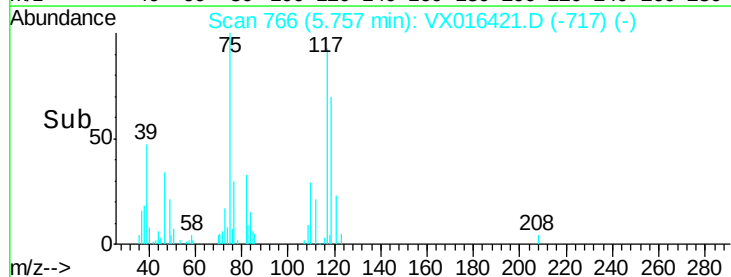
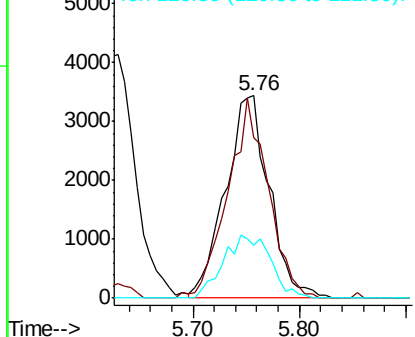


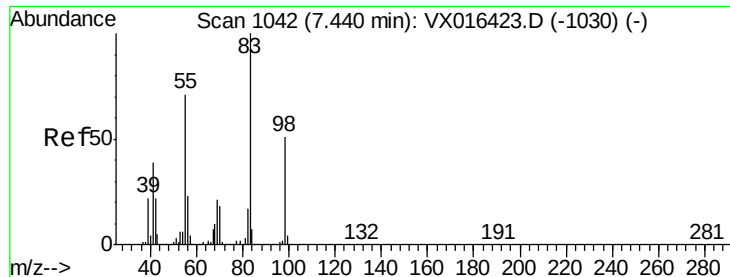
#38
Carbon Tetrachloride
Concen: 4.990 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	79.0	82.2	123.4#
121	25.9	24.1	36.1



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

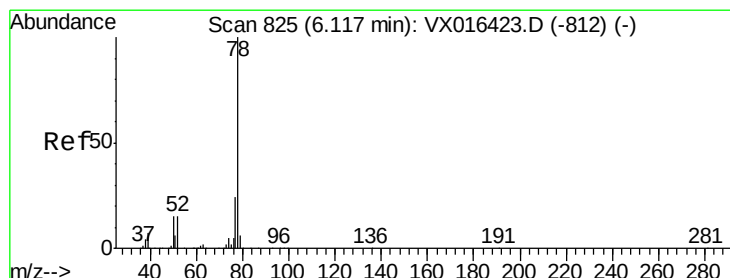
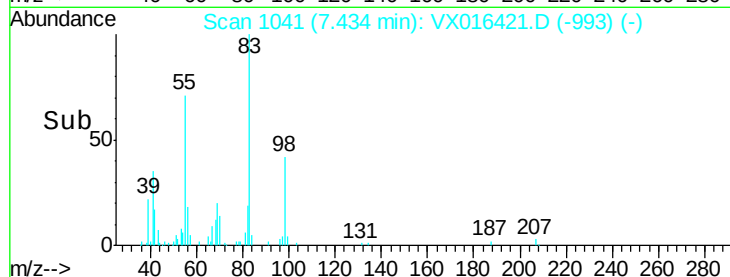
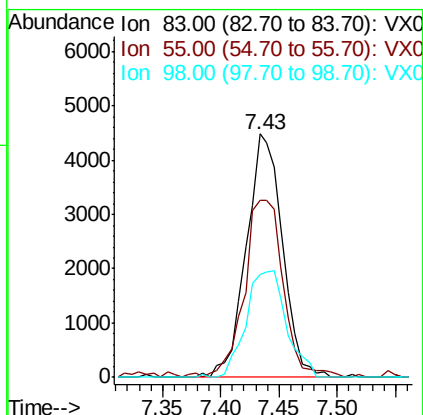
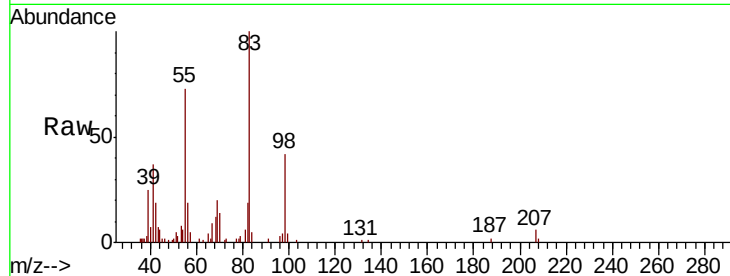




#39
Methylvlcyclohexane
Concen: 4.235 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

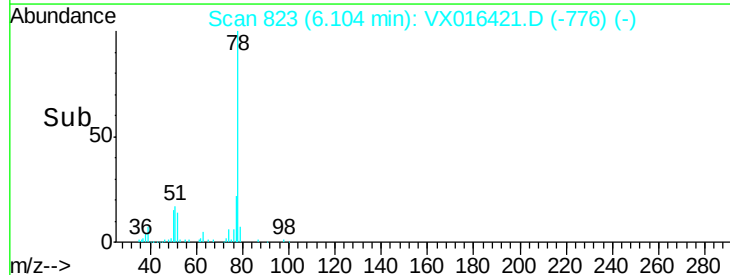
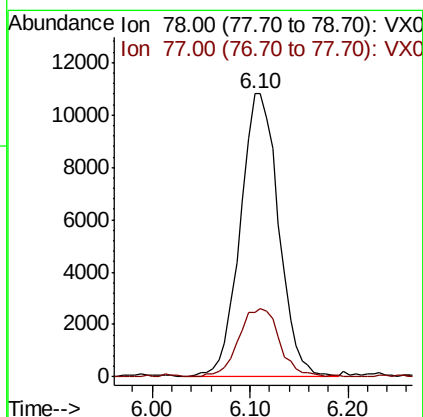
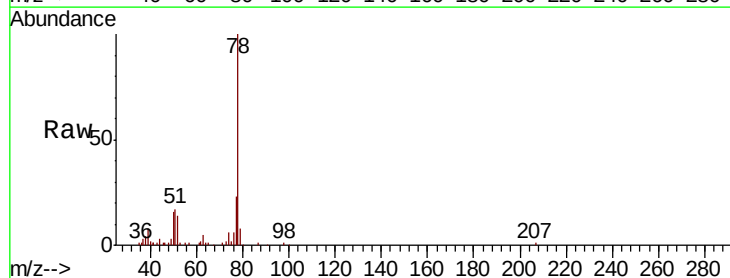
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

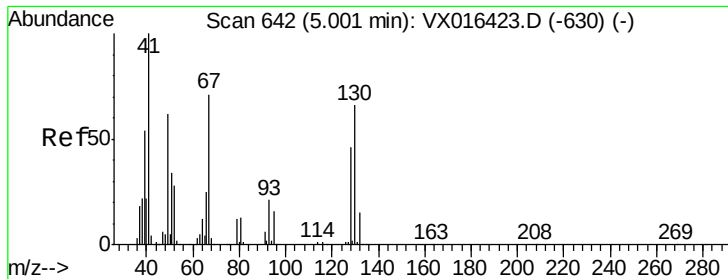
Tot Ion: 83 Resp: 9714
Ion Ratio Lower Upper
83 100
55 71.6 56.8 85.2
98 42.4 40.6 61.0



#40
Benzene
Concen: 5.184 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 78 Resp: 29434
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3





#41

Methacrylonitrile

Concen: 4.953 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 5908

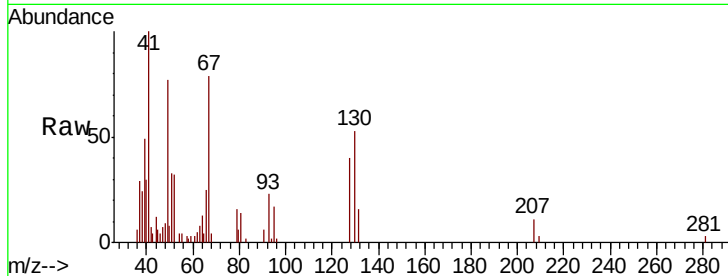
Ion Ratio Lower Upper

41 100

39 68.9 44.4 66.6#

67 92.2 62.2 93.4

52 41.2 25.2 37.8#

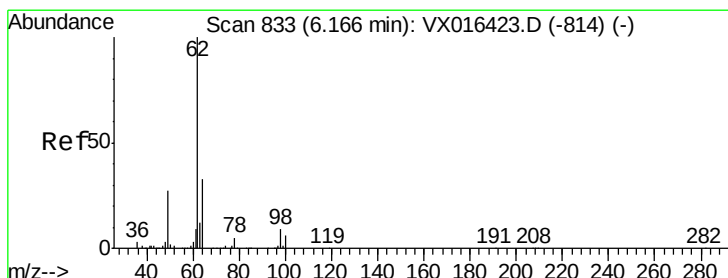
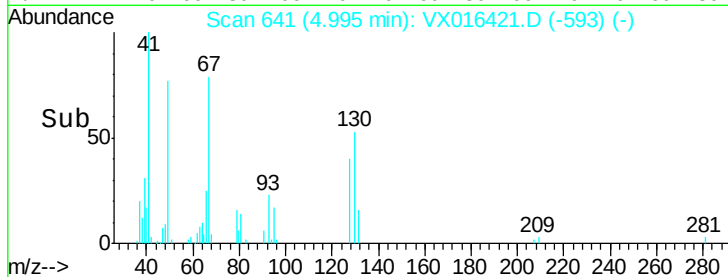
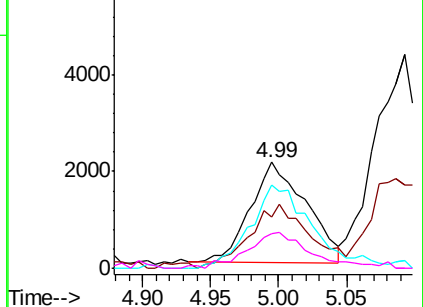


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.920 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX016421.D

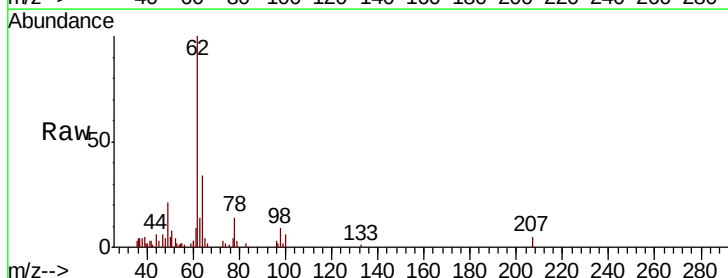
Acq: 26 May 2020 12:54

Tgt Ion: 62 Resp: 12091

Ion Ratio Lower Upper

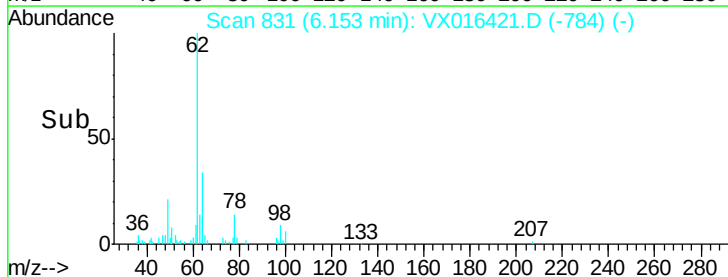
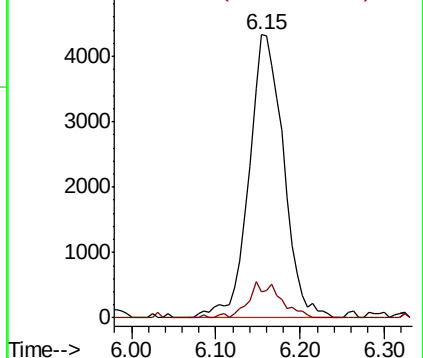
62 100

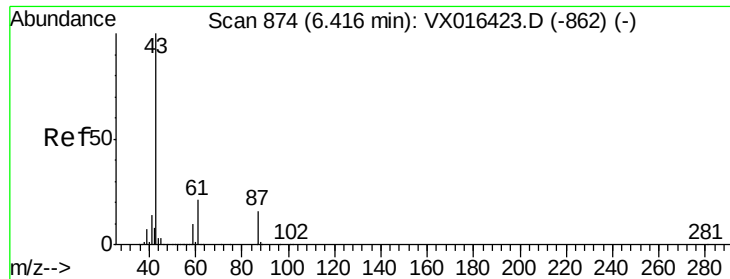
98 11.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.337 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

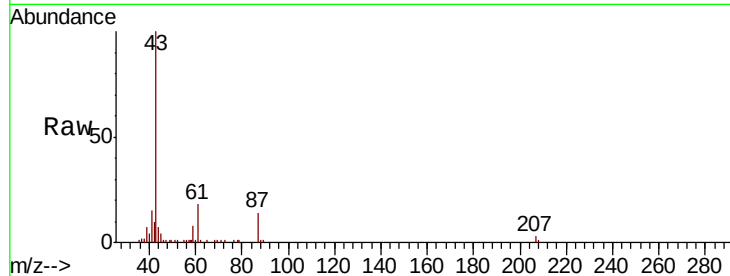
Tot Ion: 43 Resp: 18877

Ion Ratio Lower Upper

43 100

61 22.1 17.2 25.8

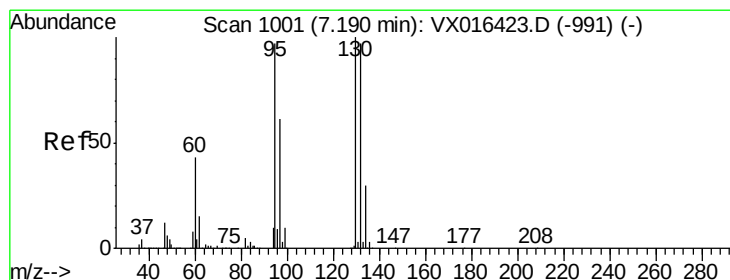
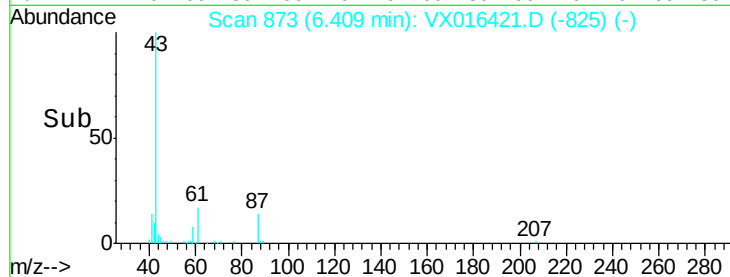
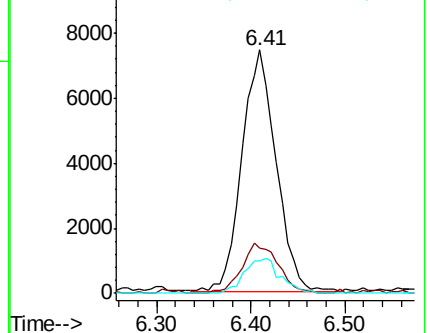
87 15.1 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.021 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016421.D

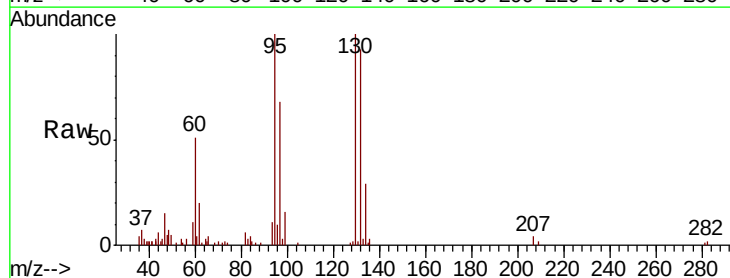
Acq: 26 May 2020 12:54

Tgt Ion: 130 Resp: 10073

Ion Ratio Lower Upper

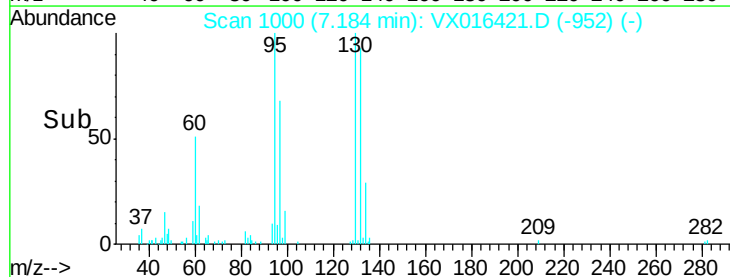
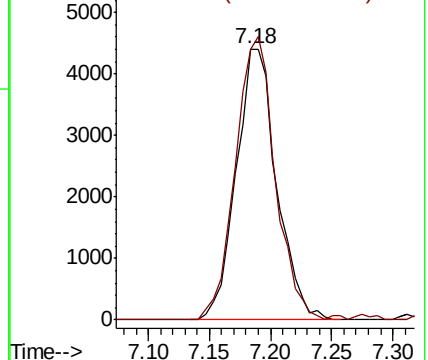
130 100

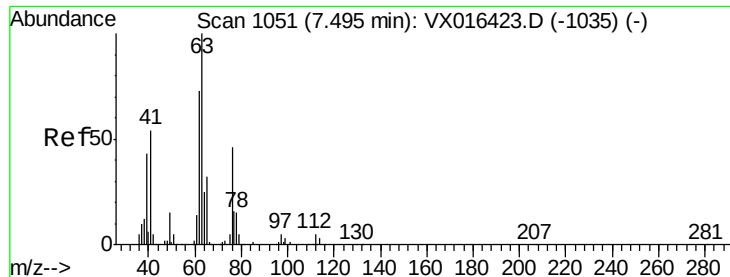
95 100.0 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

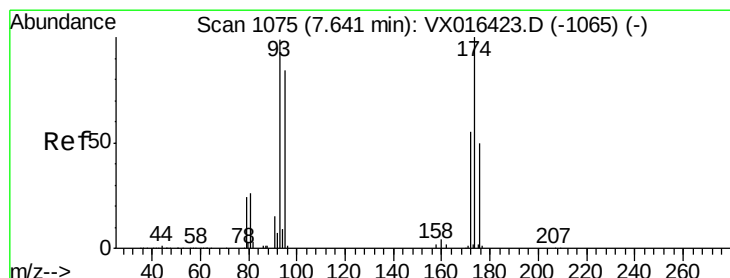
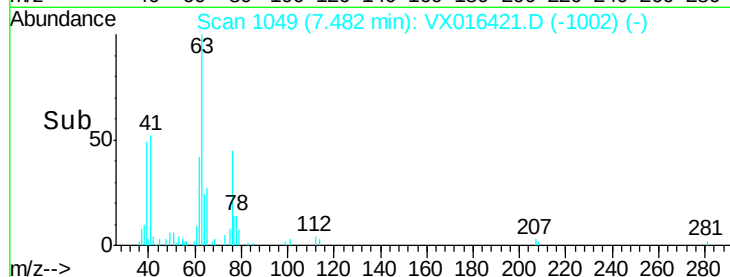
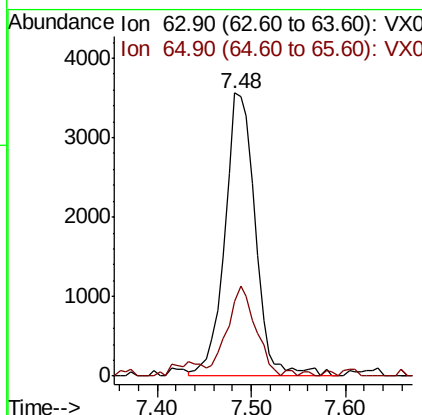
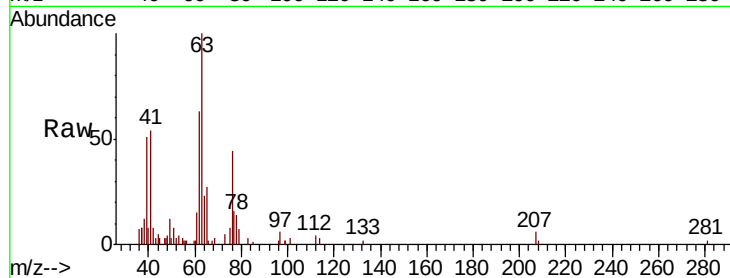




#45
 1,2-Dichloropropane
 Concen: 5.613 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

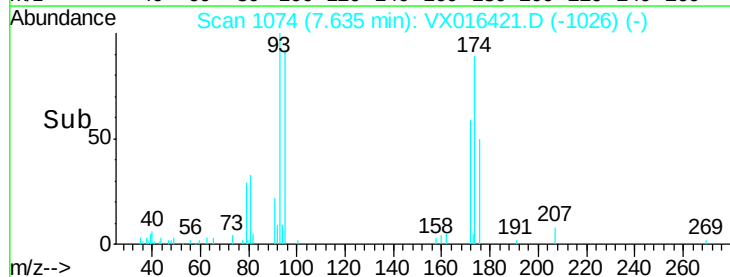
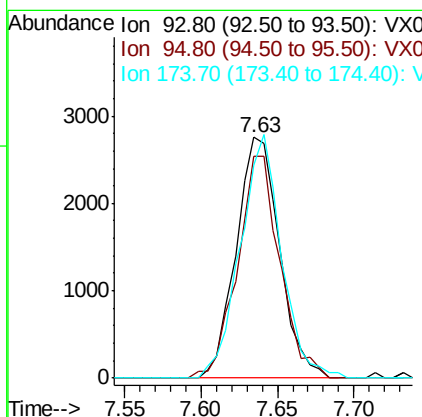
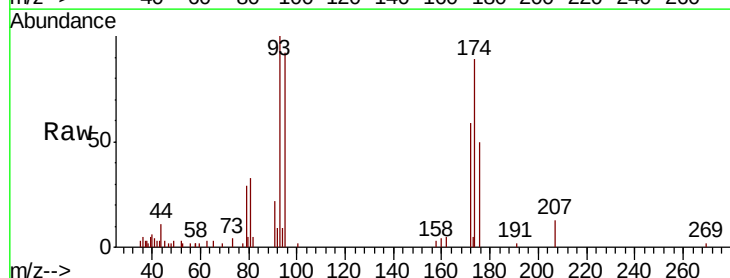
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

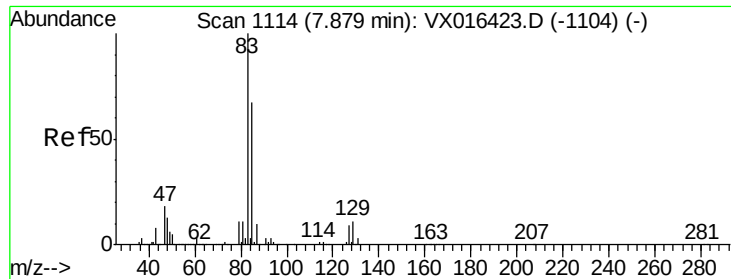
Tot Ion: 63 Resp: 8006
 Ion Ratio Lower Upper
 63 100
 65 26.6 25.3 37.9



#46
 Dibromomethane
 Concen: 5.501 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 93 Resp: 5424
 Ion Ratio Lower Upper
 93 100
 95 90.2 65.0 97.4
 174 96.1 81.4 122.0





#47

Bromodichloromethane

Concen: 5.644 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

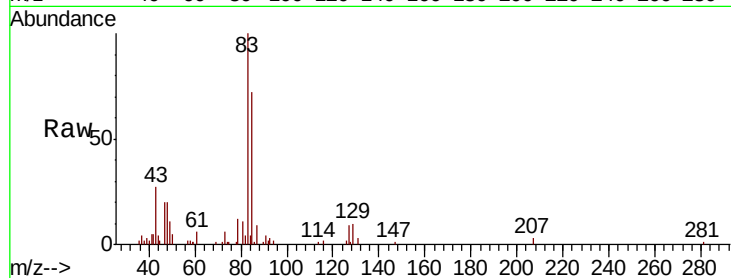
Tot Ion: 83 Resp: 11238

Ion Ratio Lower Upper

83 100

85 71.7 53.8 80.8

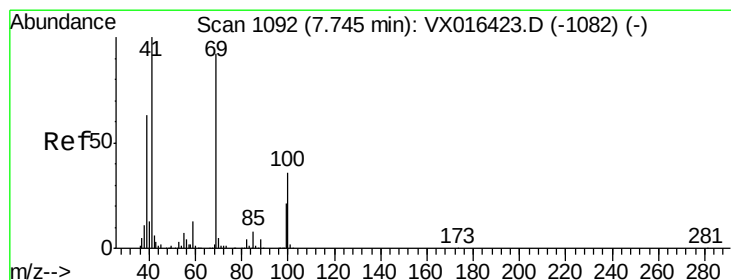
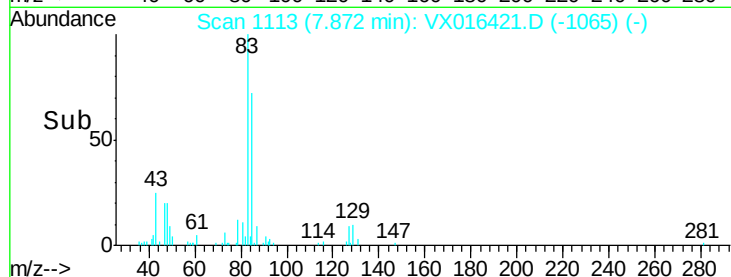
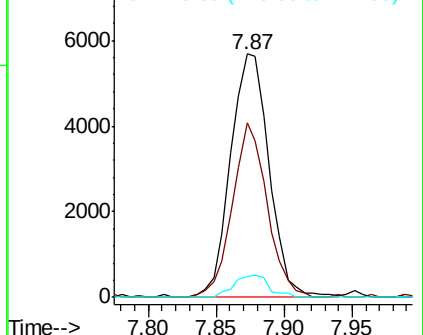
127 8.7 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.250 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

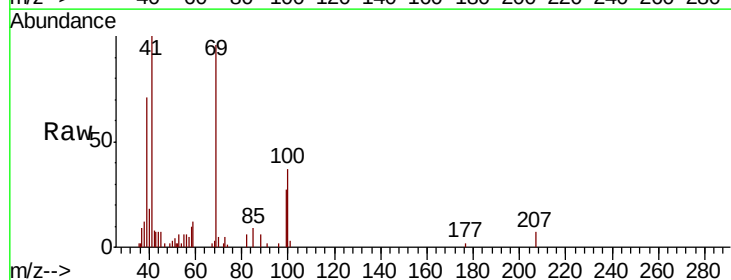
Tgt Ion: 41 Resp: 8749

Ion Ratio Lower Upper

41 100

69 86.0 71.8 107.8

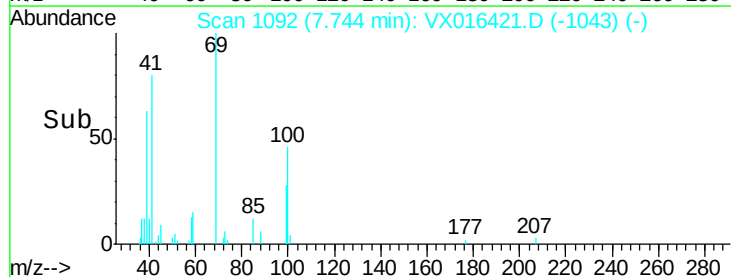
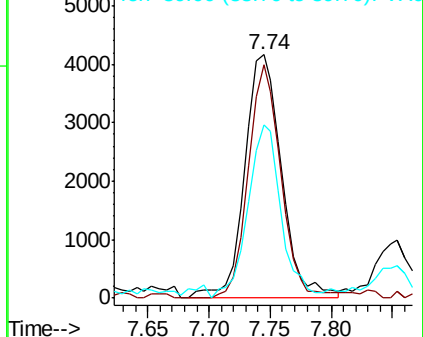
39 63.6 48.6 73.0

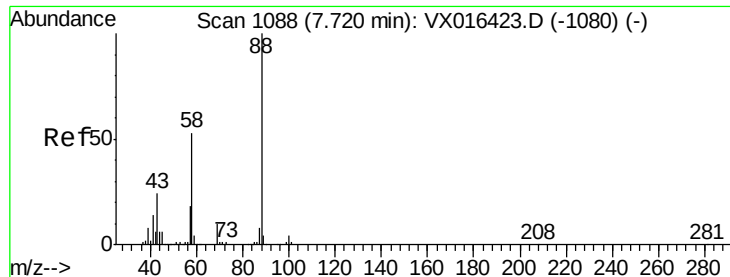


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 114.990 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

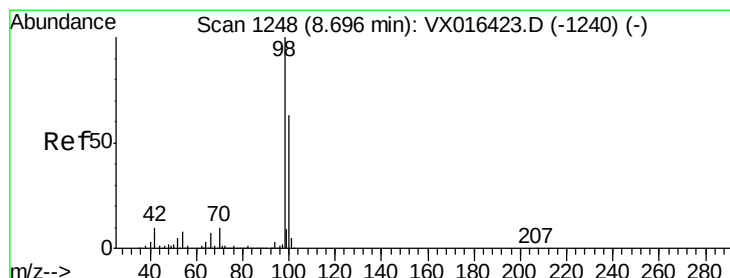
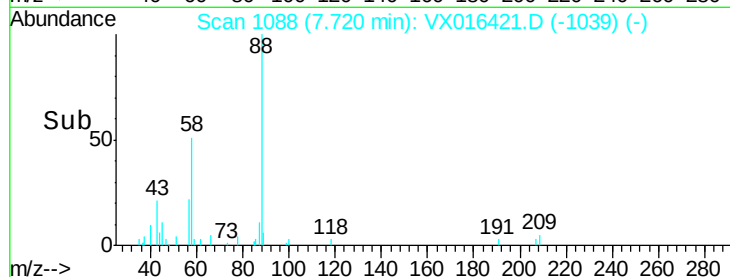
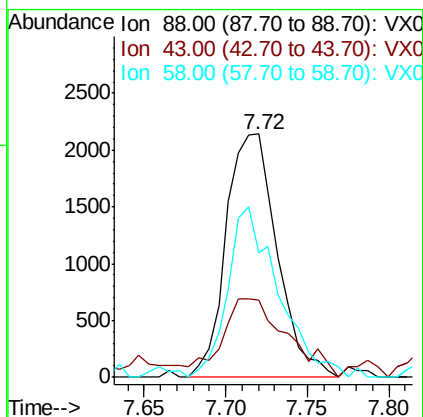
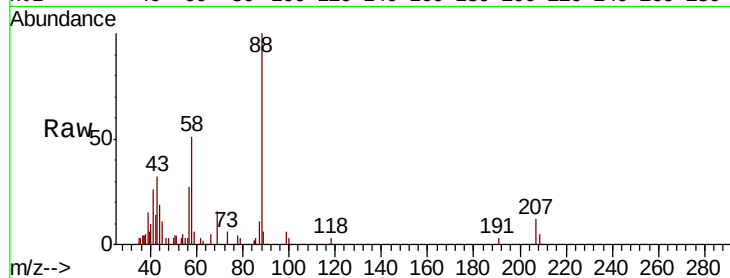
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 88 Resp: 4665

Ion	Ratio	Lower	Upper
88	100		
43	41.0	23.0	34.6#
58	70.0	51.7	77.5



#50

Toluene-d8

Concen: 4.659 ug/l

RT: 8.70 min Scan# 1248

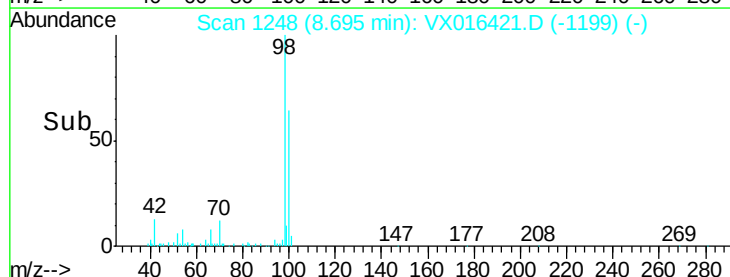
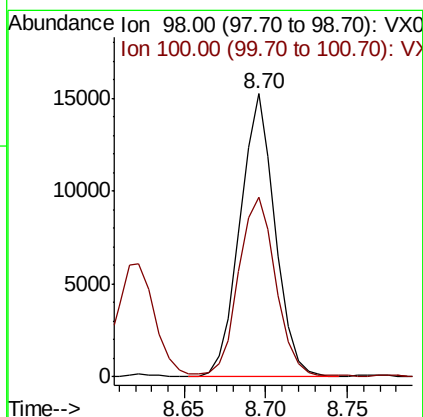
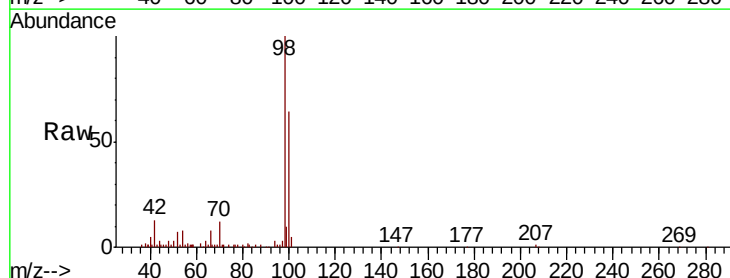
Delta R.T. -0.00 min

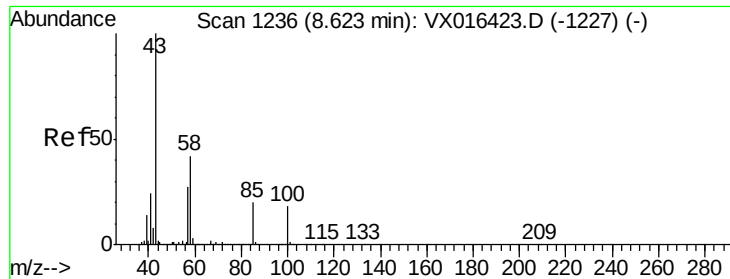
Lab File: VX016421.D

Acq: 26 May 2020 12:54

Tgt Ion: 98 Resp: 22753

Ion	Ratio	Lower	Upper
98	100		
100	68.2	52.6	78.8

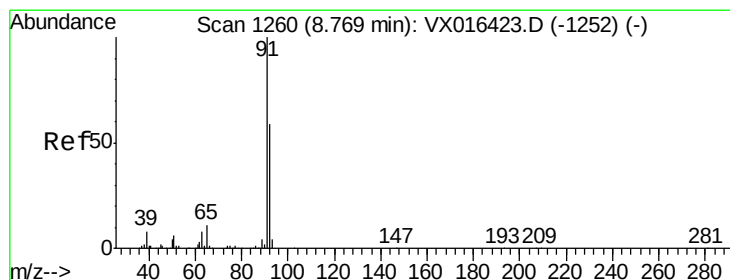
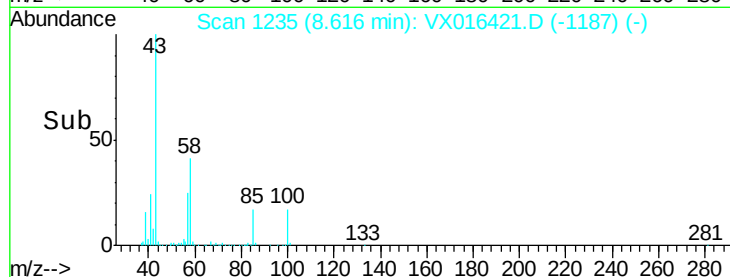
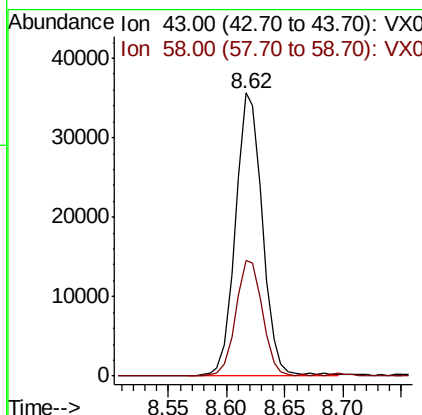
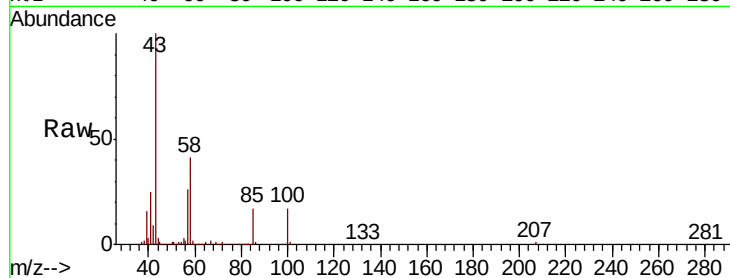




#51
 4-Methyl-2-Pentanone
 Concen: 26.389 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

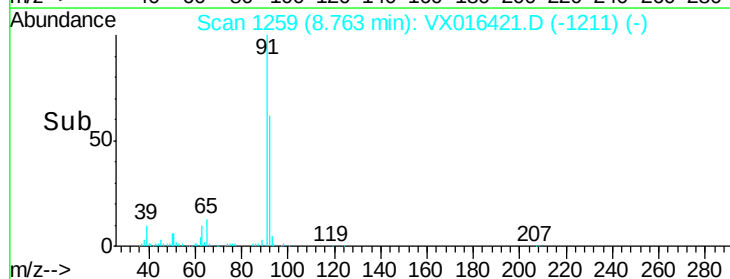
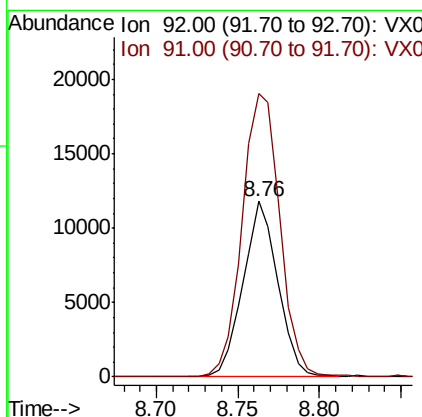
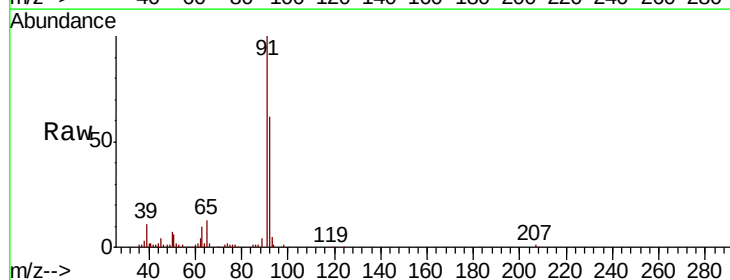
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

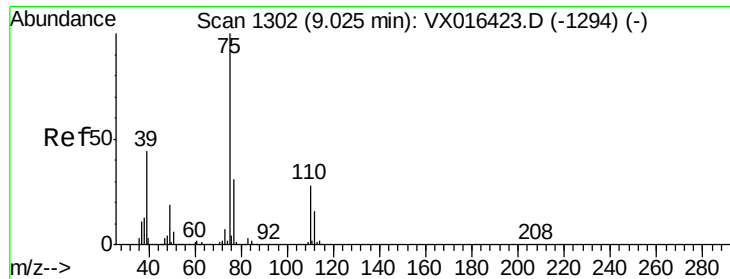
Tot Ion: 43 Resp: 57180
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.8 50.6



#52
 Toluene
 Concen: 4.961 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 92 Resp: 17632
 Ion Ratio Lower Upper
 92 100
 91 174.8 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 5.252 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

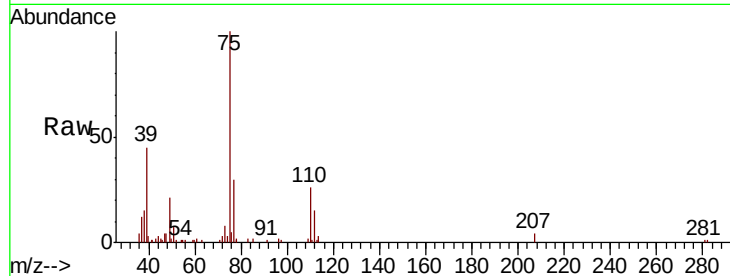
VSTDIC005

Tot Ion: 75 Resp: 12431

Ion Ratio Lower Upper

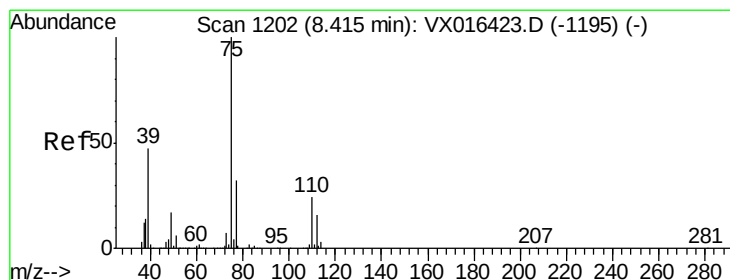
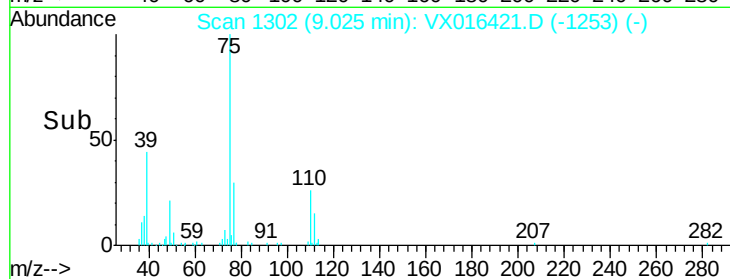
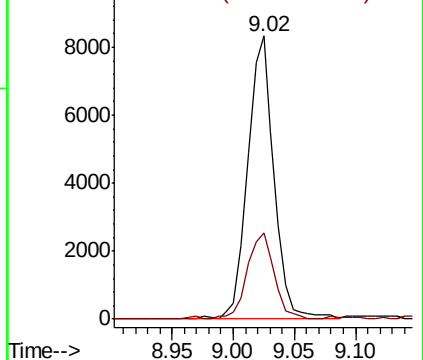
75 100

77 29.4 25.0 37.4



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: 5.294 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

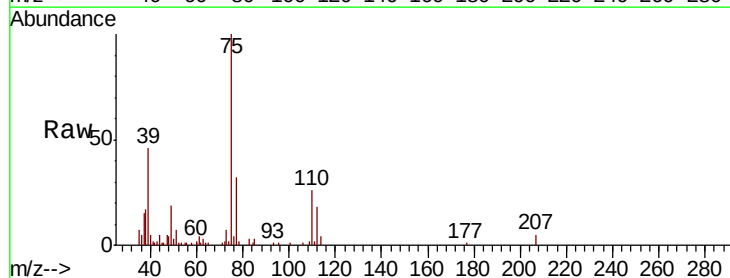
Tgt Ion: 75 Resp: 13033

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

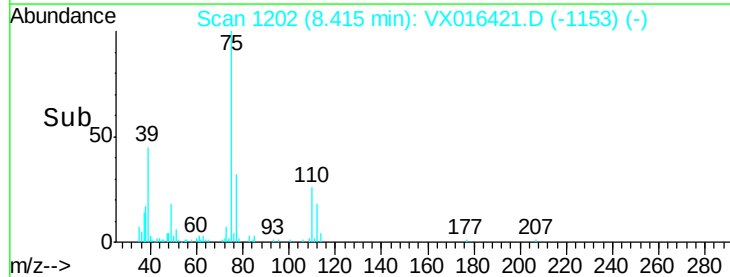
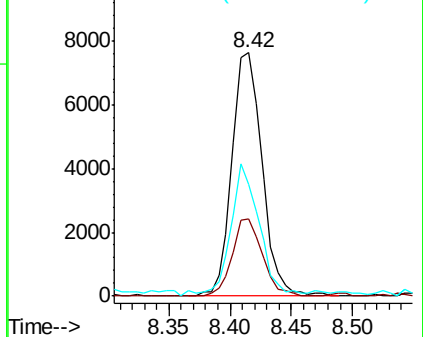
39 43.9 37.7 56.5

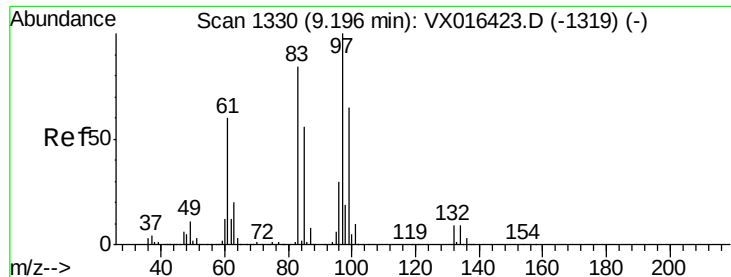


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

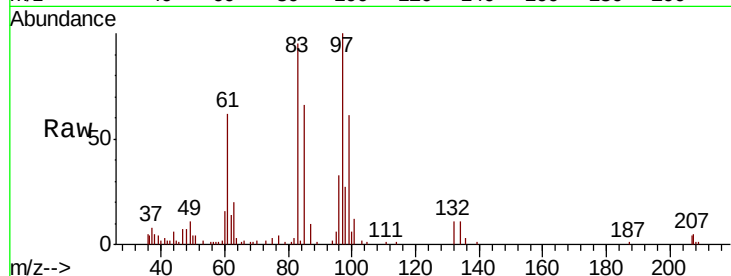




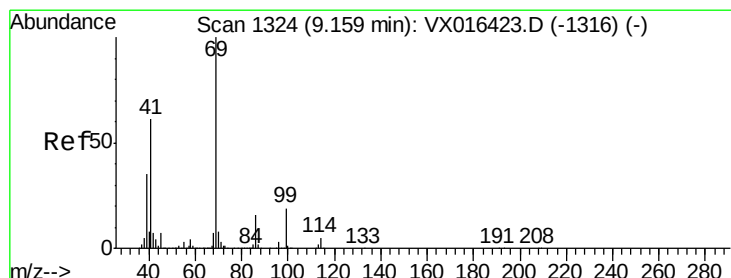
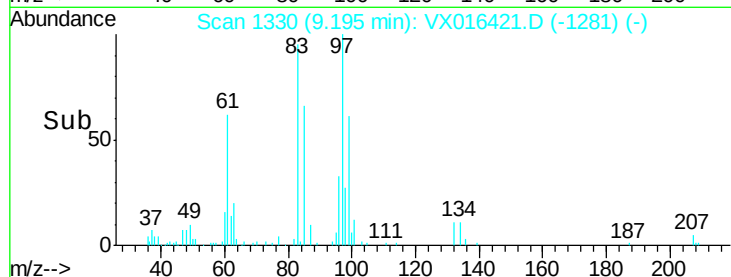
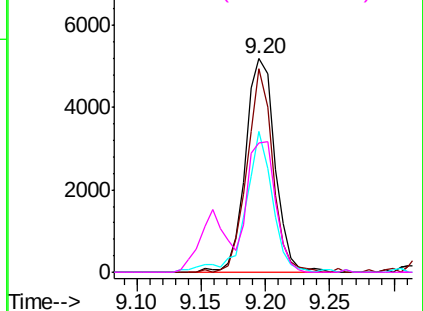
#55
 1,1,2-Trichloroethane
 Concen: 5.818 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8171
Ion	Ratio	Lower	Upper
97	100		
83	95.1	66.9	100.3
85	66.2	45.2	67.8
99	60.7	51.9	77.9

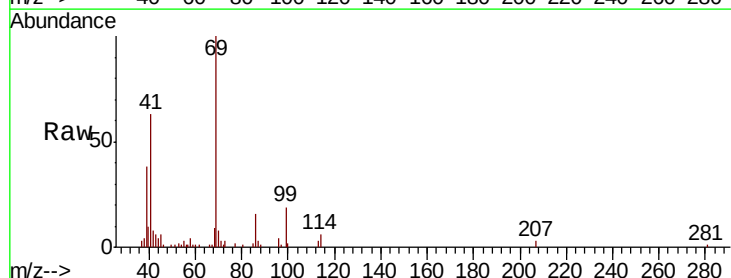


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

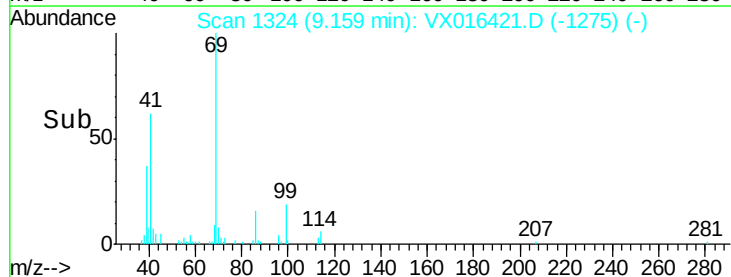
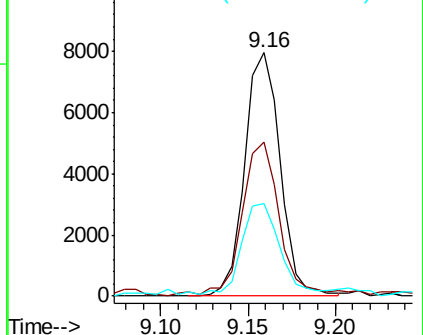


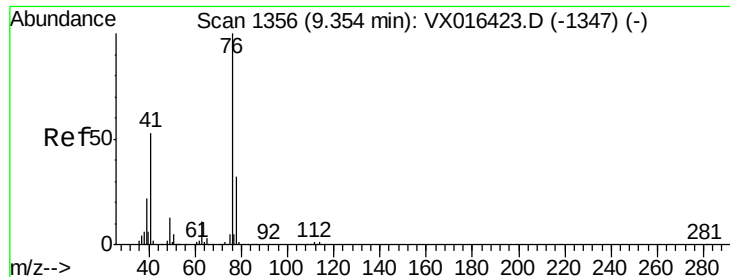
#56
 Ethyl methacrylate
 Concen: 4.966 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion:	69	Resp:	11209
Ion	Ratio	Lower	Upper
69	100		
41	68.5	47.9	71.9
39	39.0	28.7	43.1



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: 5.508 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

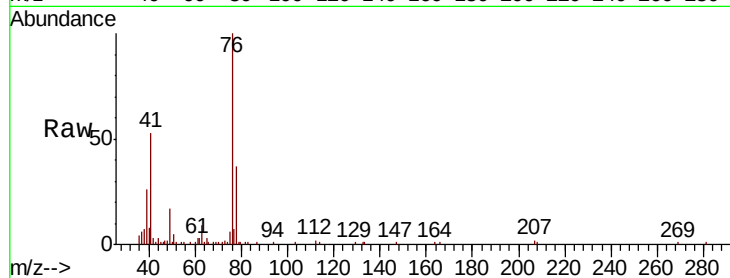
VSTDIC005

Tot Ion: 76 Resp: 13398

Ion Ratio Lower Upper

76 100

78 34.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

10000

8000

6000

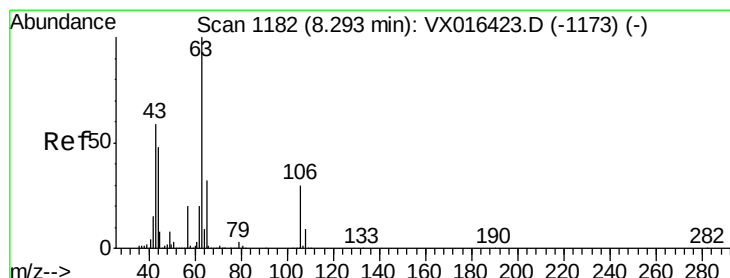
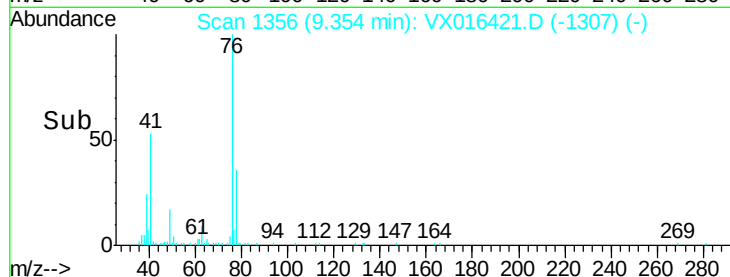
4000

2000

0

9.30 9.35 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 24.704 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016421.D

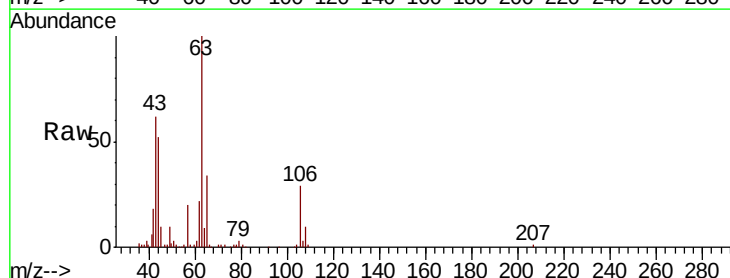
Acq: 26 May 2020 12:54

Tgt Ion: 63 Resp: 29627

Ion Ratio Lower Upper

63 100

106 30.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

20000

15000

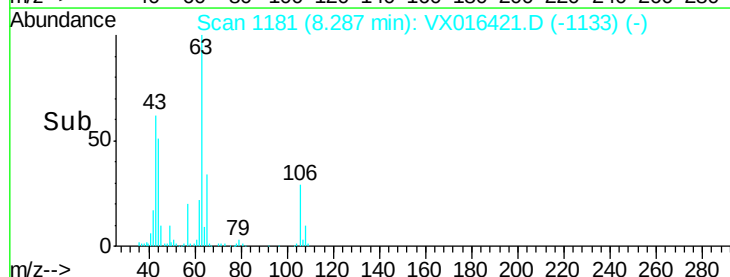
10000

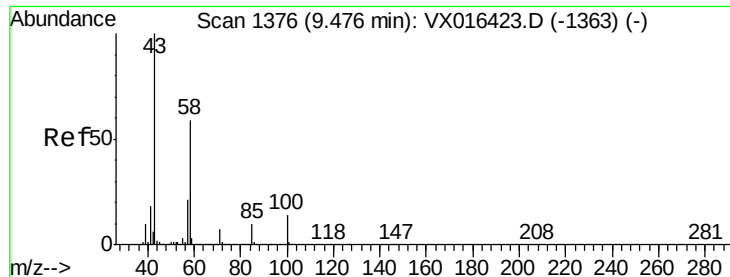
5000

0

8.20 8.25 8.30 8.35

Time-->

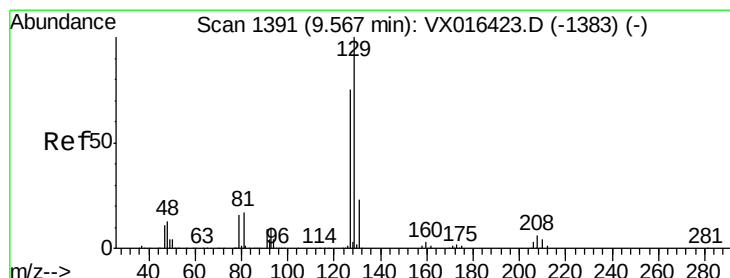
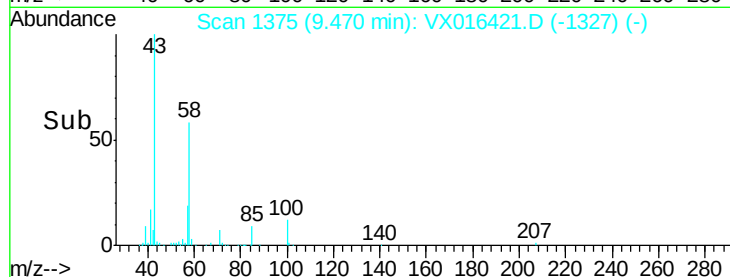
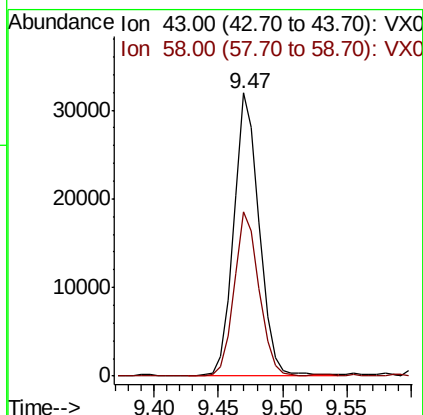
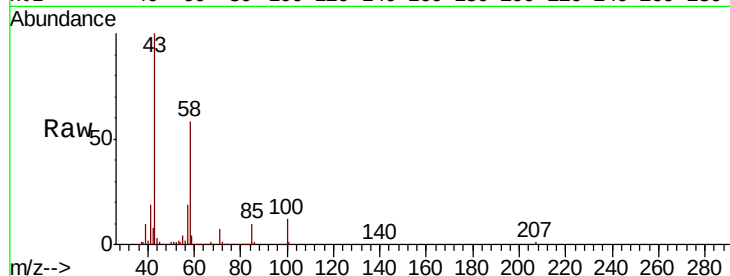




#59
2-Hexanone
Concen: 25.671 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

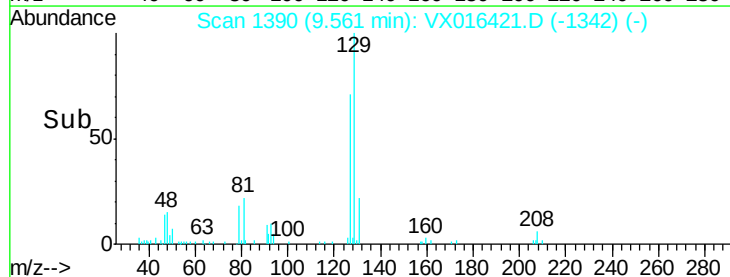
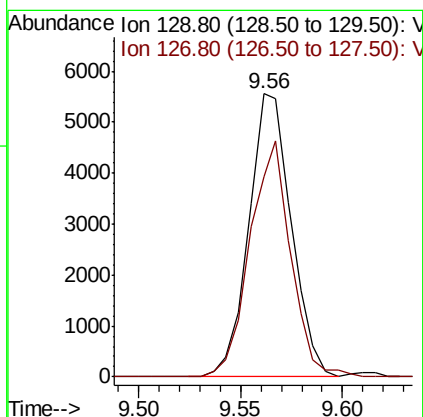
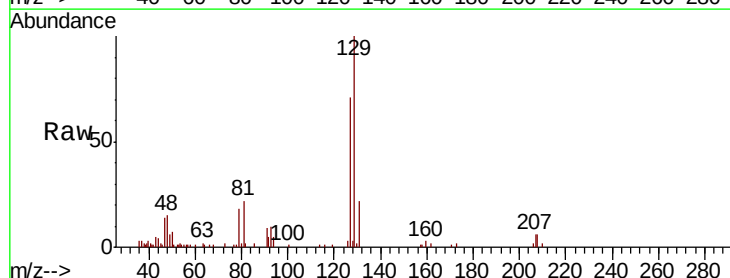
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

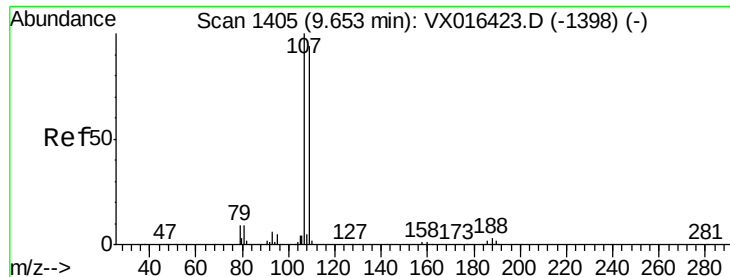
Tot Ion: 43 Resp: 43722
Ion Ratio Lower Upper
43 100
58 56.9 29.1 87.3



#60
Dibromochloromethane
Concen: 5.183 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 129 Resp: 8063
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8

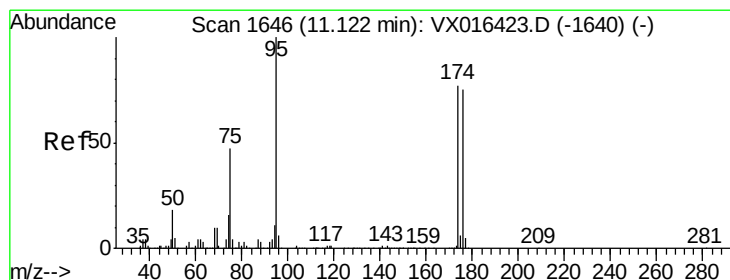
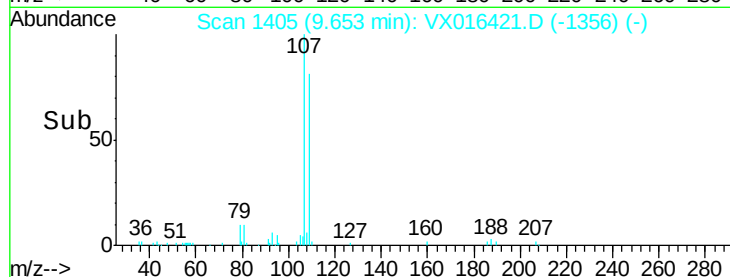
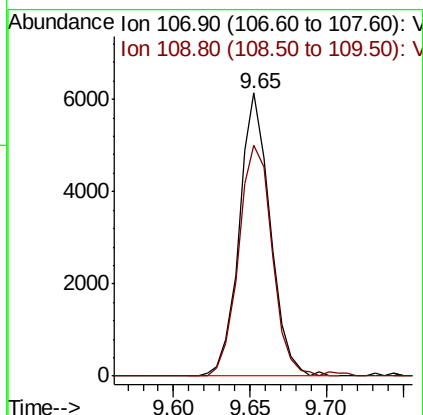
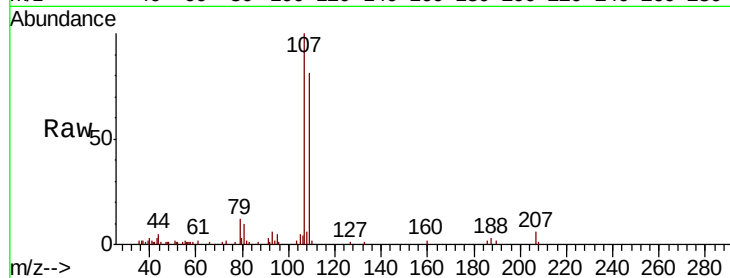




#61
 1,2-Dibromoethane
 Concen: 5.635 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

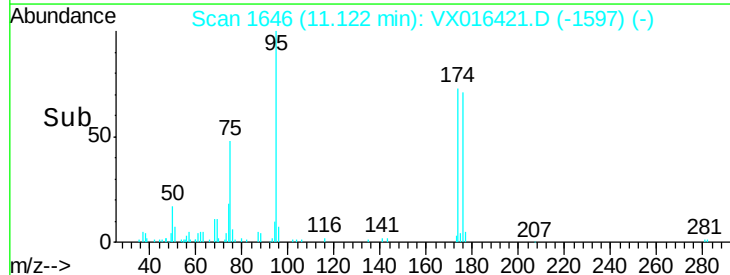
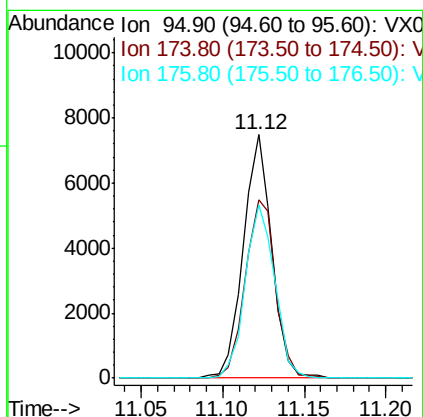
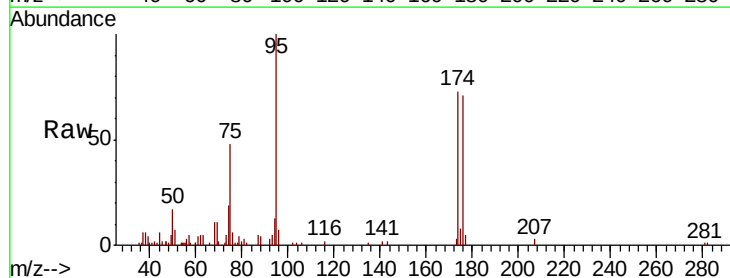
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

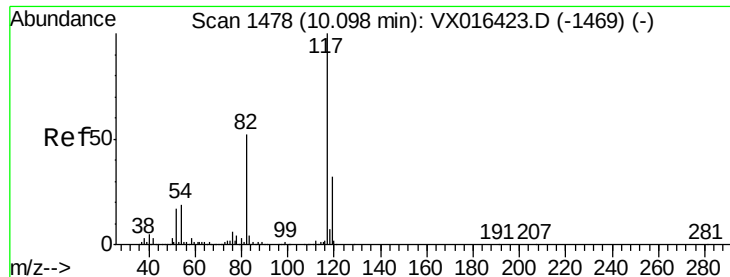
Tot Ion: 107 Resp: 8597
 Ion Ratio Lower Upper
 107 100
 109 88.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 4.940 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion: 95 Resp: 9122
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 162.6
 176 73.8 0.0 158.2

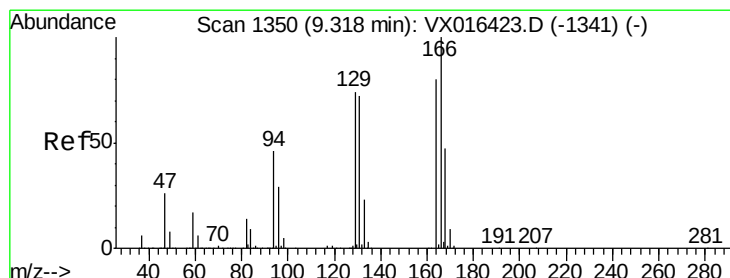
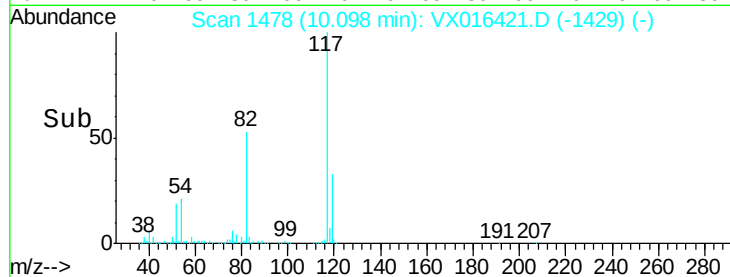
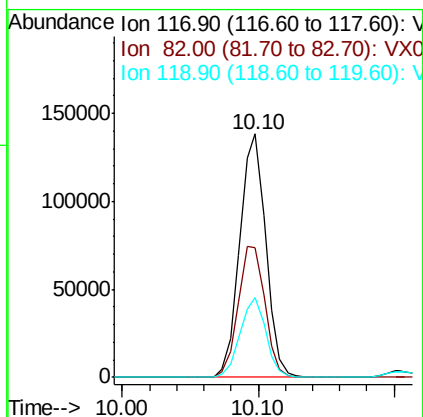
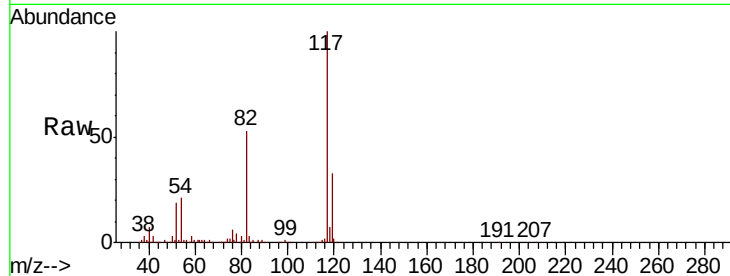




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

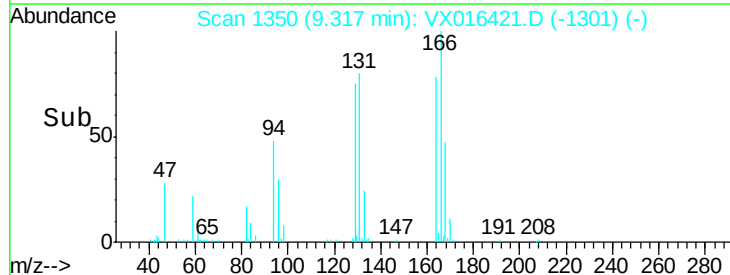
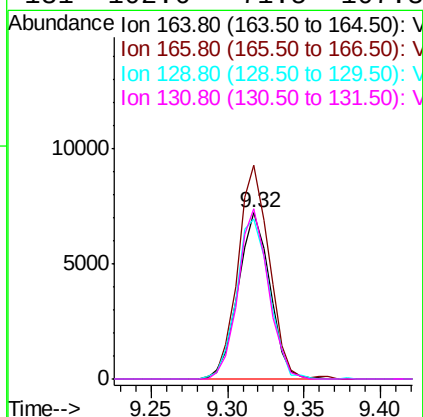
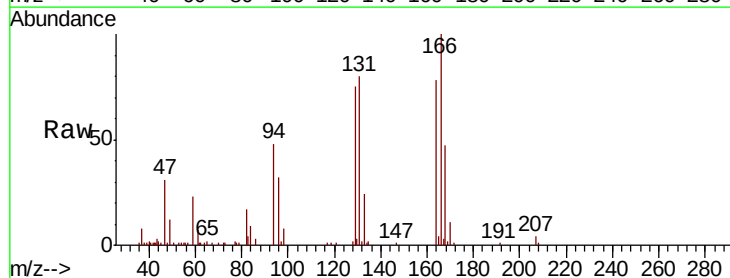
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

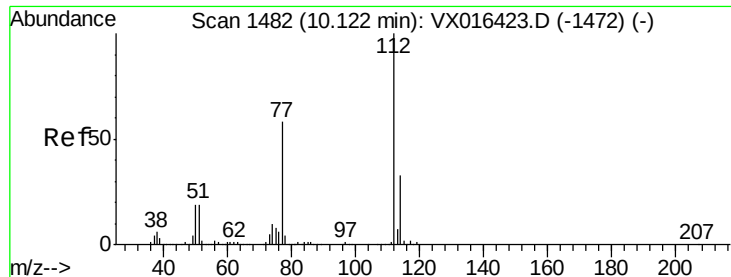
Tot Ion:117 Resp: 184798
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 4.664 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion:164 Resp: 10447
Ion Ratio Lower Upper
164 100
166 128.8 99.5 149.3
129 96.8 73.4 110.0
131 102.6 71.5 107.3

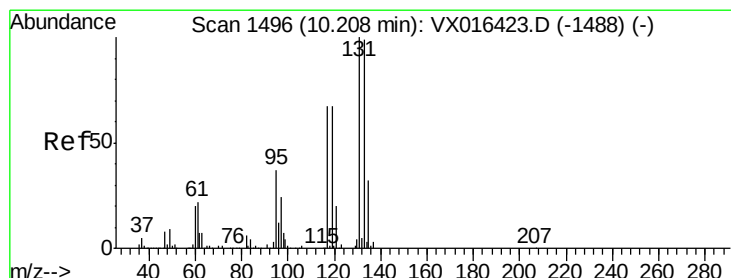
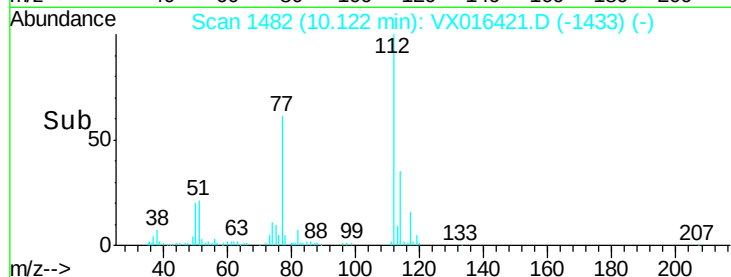
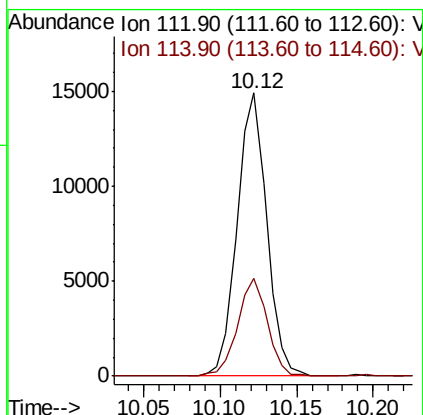
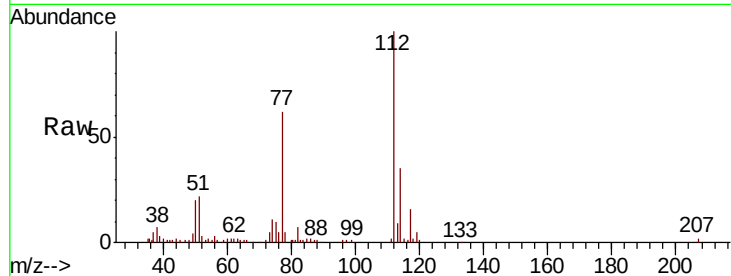




#65
Chlorobenzene
Concen: 5.190 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

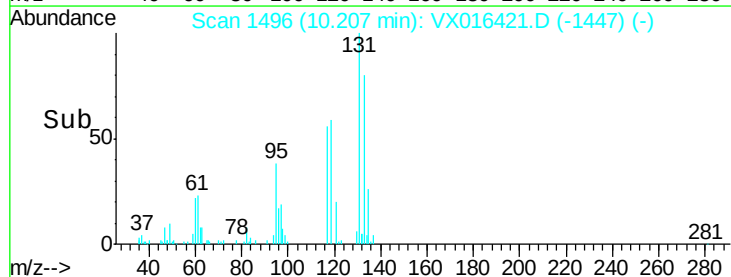
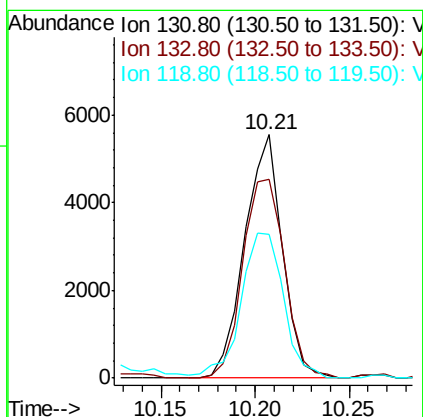
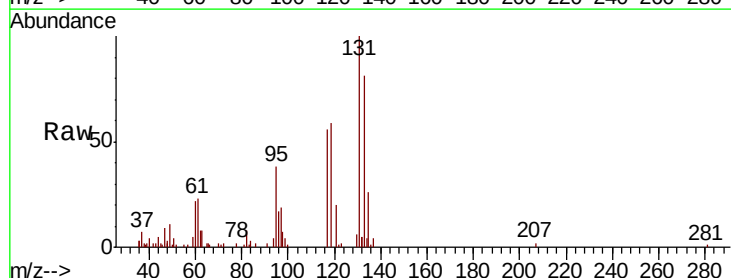
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

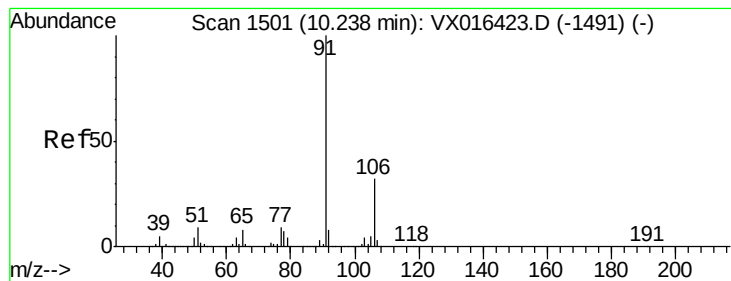
Tot Ion:112 Resp: 20027
Ion Ratio Lower Upper
112 100
114 34.8 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.375 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion:131 Resp: 7688
Ion Ratio Lower Upper
131 100
133 91.2 48.0 144.2
119 67.5 33.0 98.9





#67

Ethyl Benzene

Concen: 4.810 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

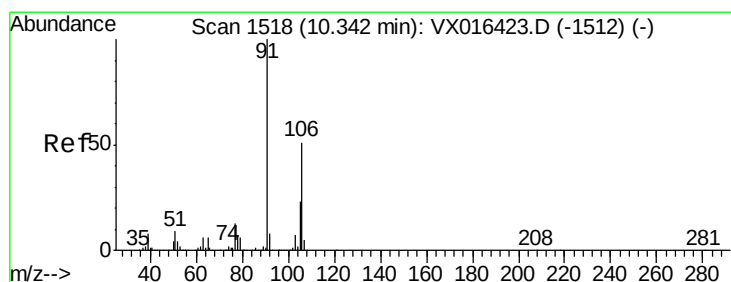
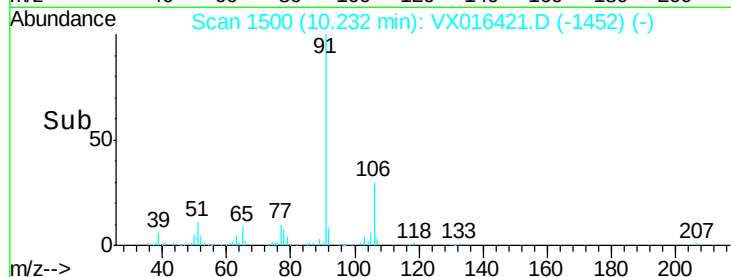
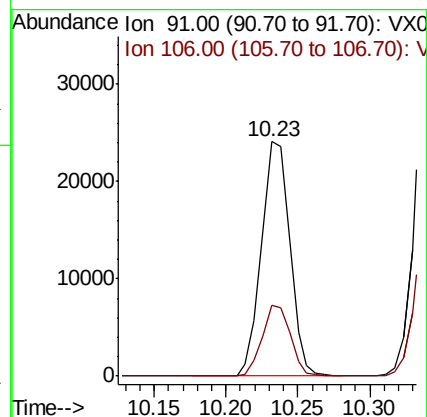
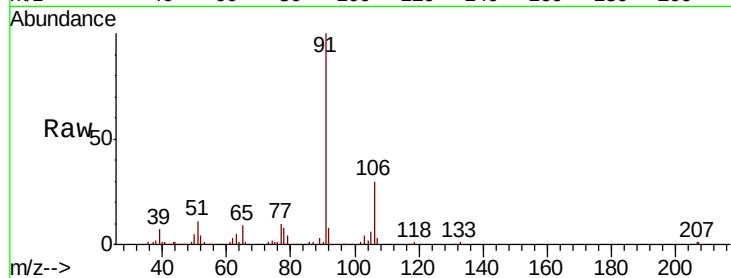
VSTDIC005

Tot Ion: 91 Resp: 32917

Ion Ratio Lower Upper

91 100

106 30.4 25.8 38.8



#68

m/p-Xylenes

Concen: 9.666 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016421.D

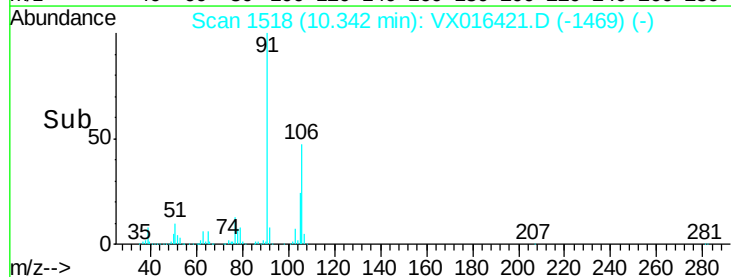
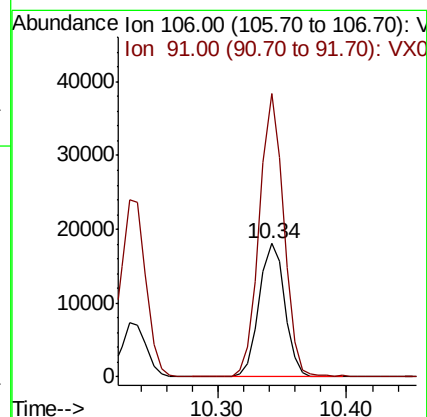
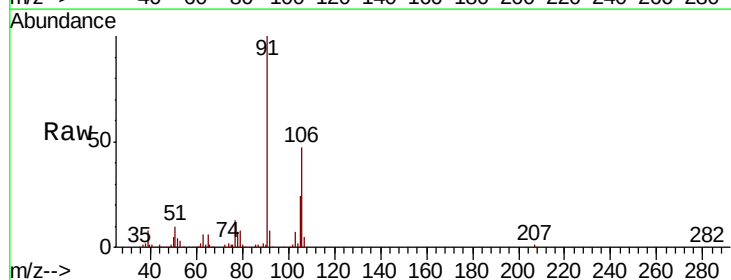
Acq: 26 May 2020 12:54

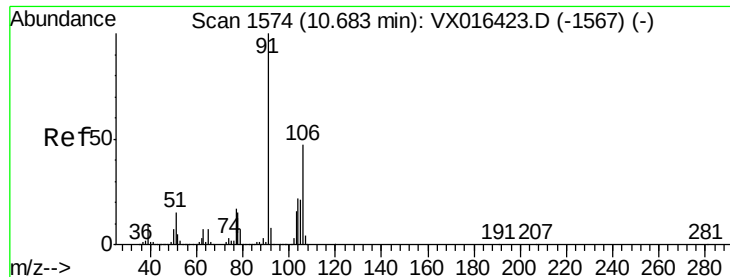
Tgt Ion:106 Resp: 24853

Ion Ratio Lower Upper

106 100

91 200.5 158.2 237.4

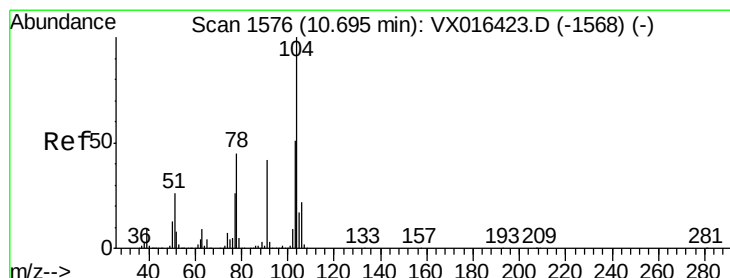
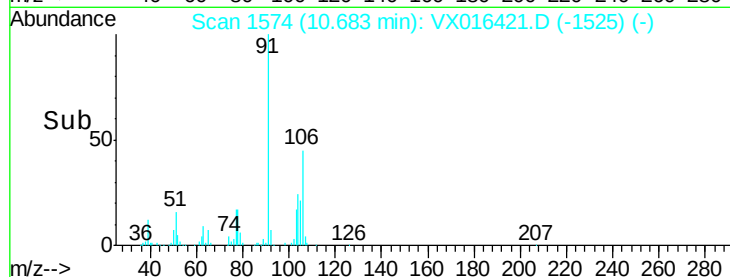
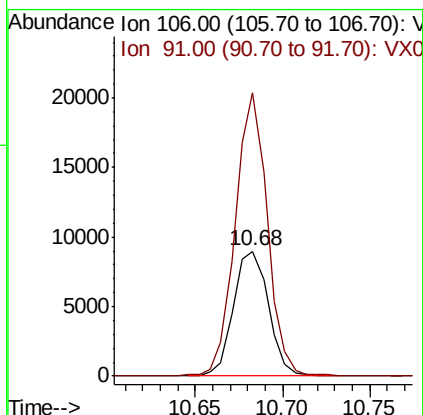
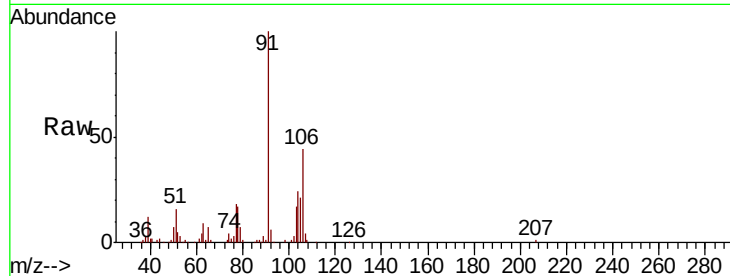




#69
o-Xylene
Concen: 5.072 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

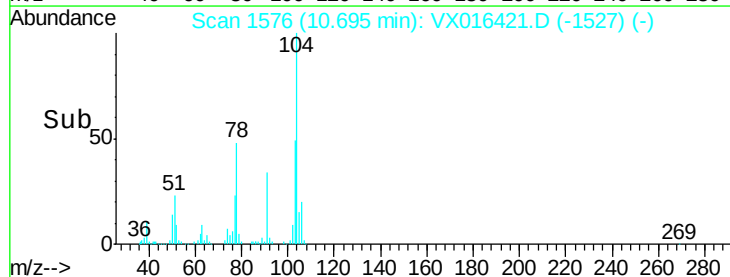
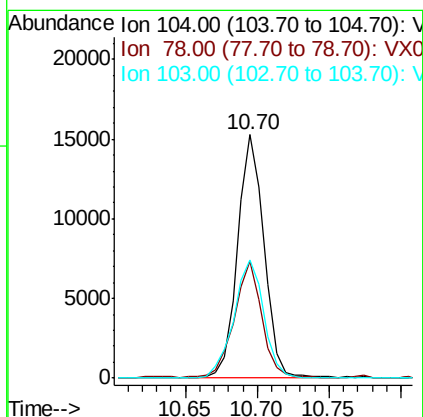
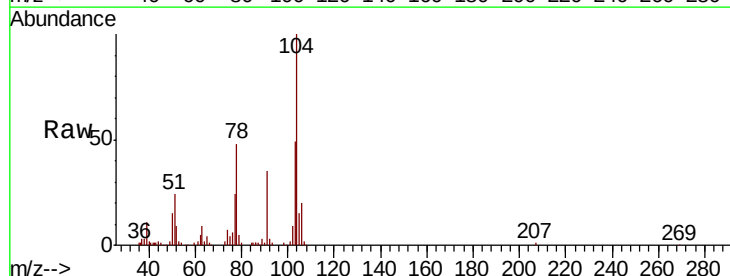
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

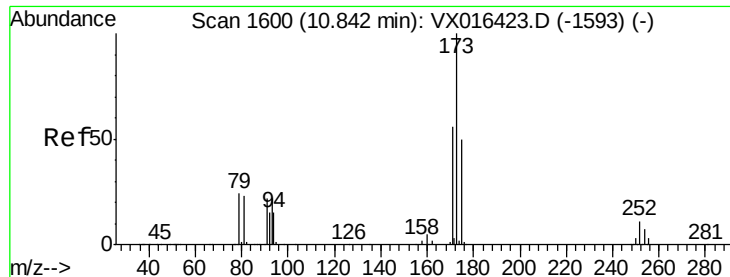
Tot Ion:106 Resp: 12561
Ion Ratio Lower Upper
106 100
91 207.7 104.0 312.0



#70
Styrene
Concen: 4.664 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion:104 Resp: 19538
Ion Ratio Lower Upper
104 100
78 50.7 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 4.667 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

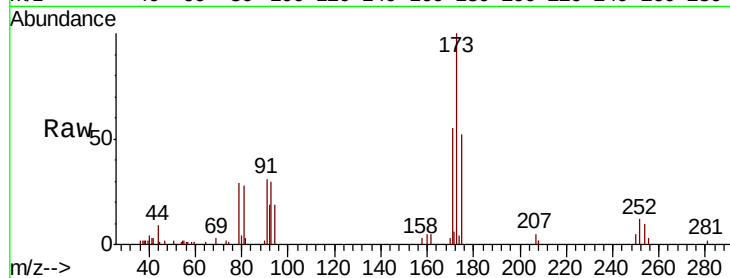
Tot Ion:173 Resp: 5448

Ion Ratio Lower Upper

173 100

175 52.0 24.5 73.5

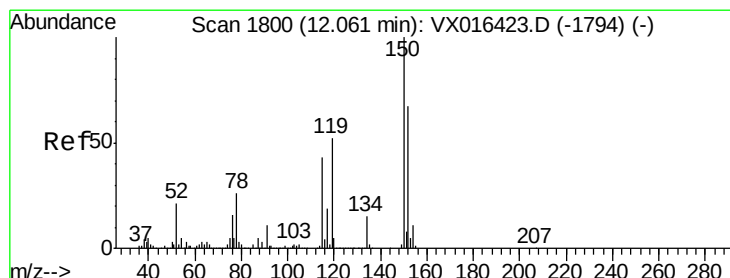
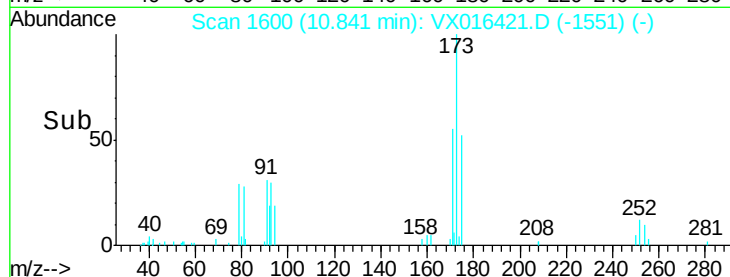
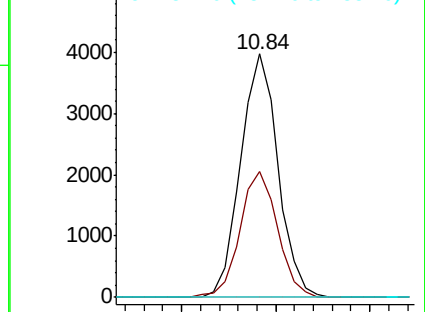
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

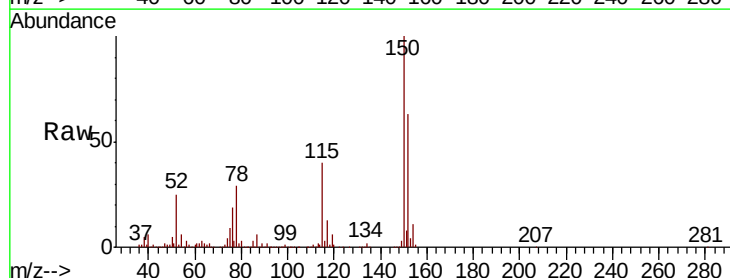
Tgt Ion:152 Resp: 81435

Ion Ratio Lower Upper

152 100

115 62.7 40.4 121.2

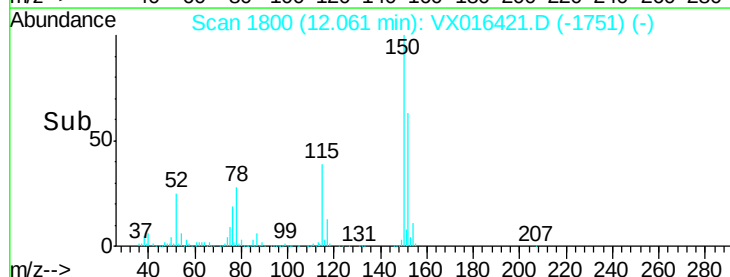
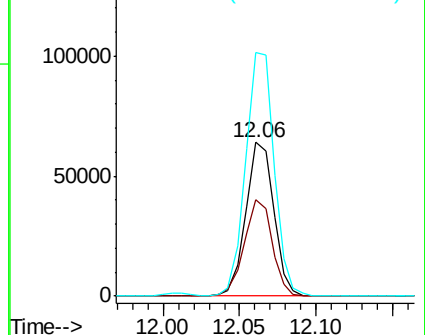
150 161.7 0.0 345.8

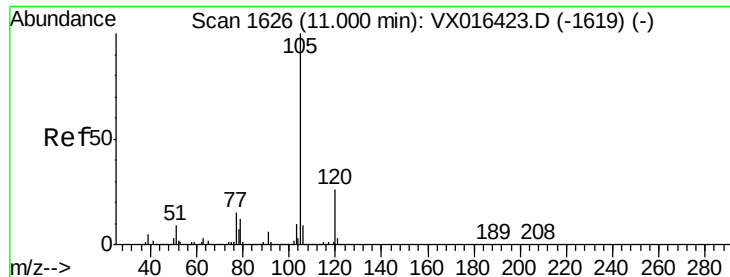


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.089 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampled :

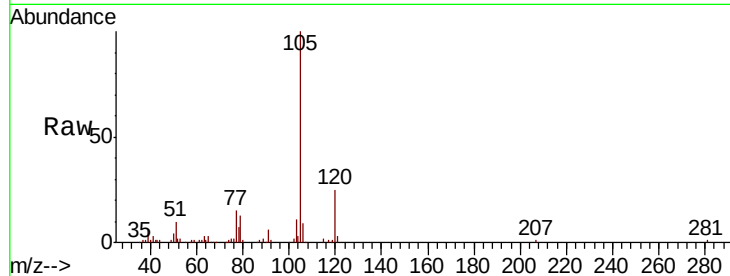
VSTDIC005

Tot Ion:105 Resp: 29903

Ion Ratio Lower Upper

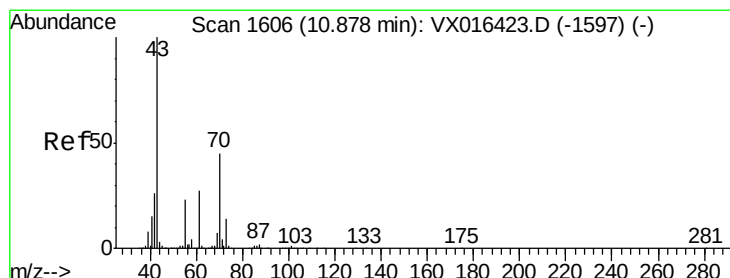
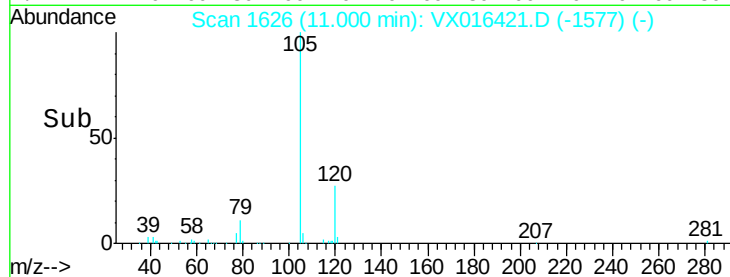
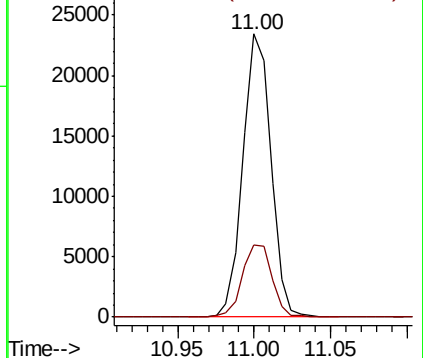
105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.505 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Tgt Ion: 43 Resp: 14817

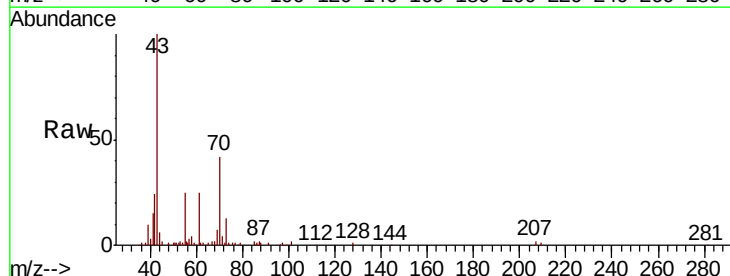
Ion Ratio Lower Upper

43 100

70 47.1 38.0 57.0

55 28.9 20.0 30.0

61 25.8 21.4 32.2

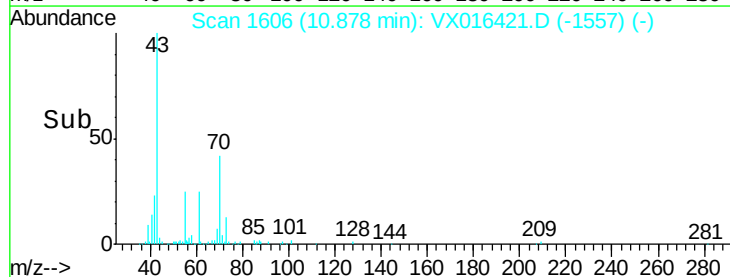
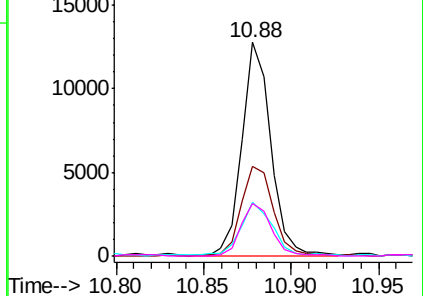


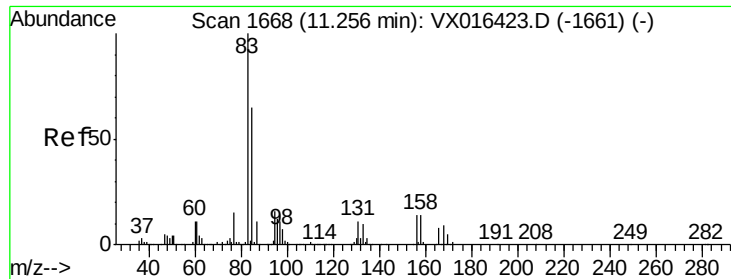
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.866 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

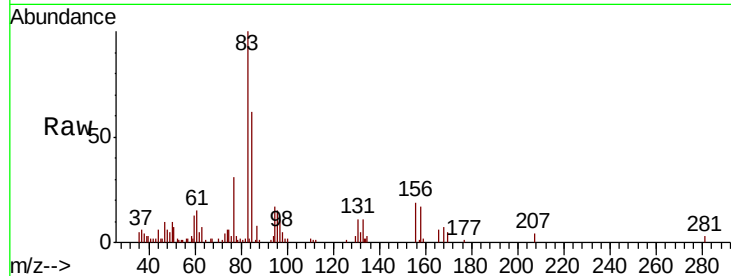
Tot Ion: 83 Resp: 6330

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

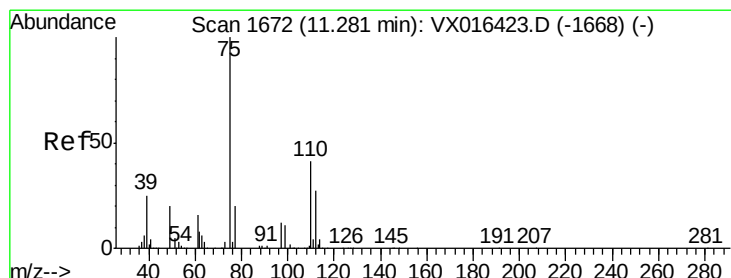
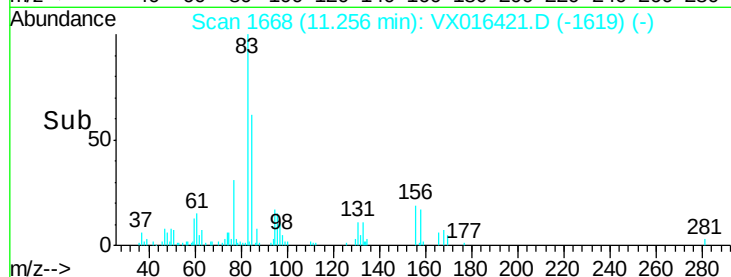
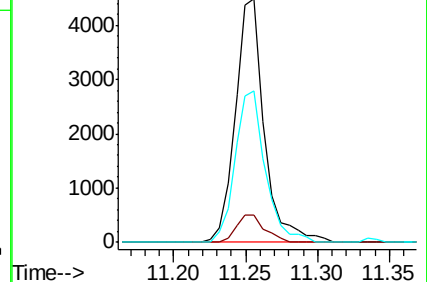
85 64.4 32.6 97.7



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: 8.040 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016421.D

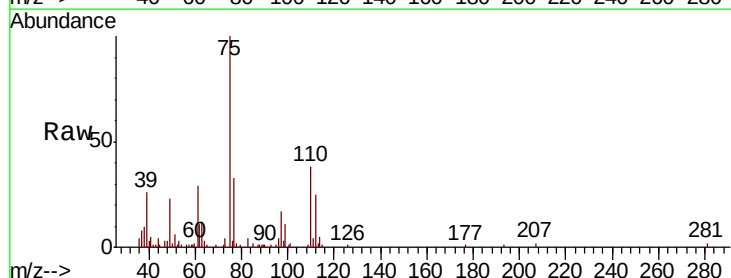
Acq: 26 May 2020 12:54

Tgt Ion: 75 Resp: 14652

Ion Ratio Lower Upper

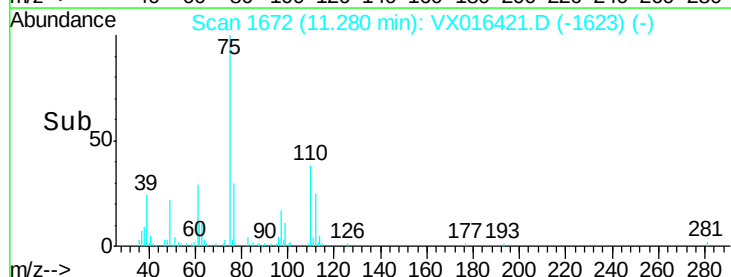
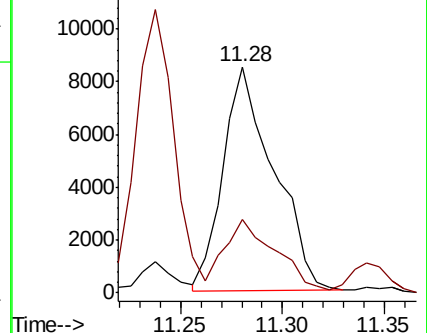
75 100

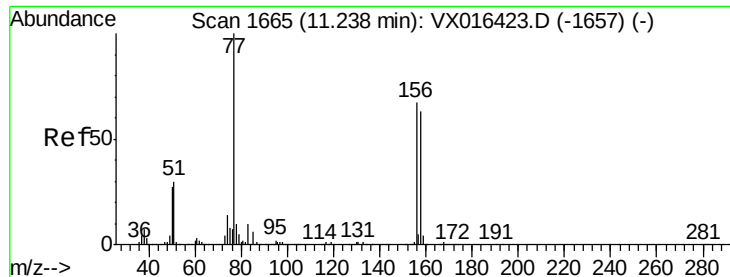
77 33.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.325 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

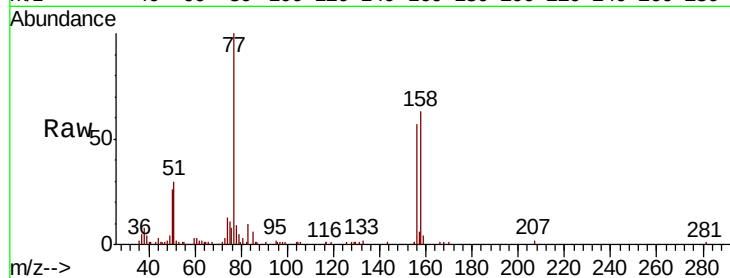
Tot Ion:156 Resp: 8130

Ion Ratio Lower Upper

156 100

77 172.5 74.6 223.8

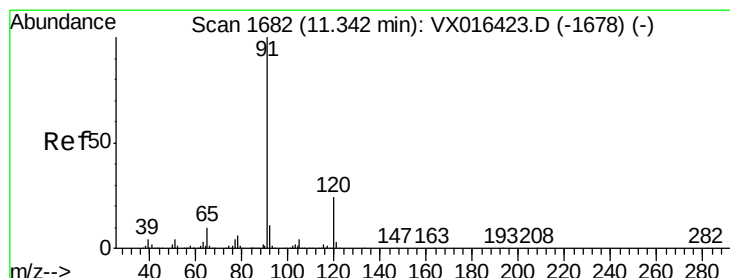
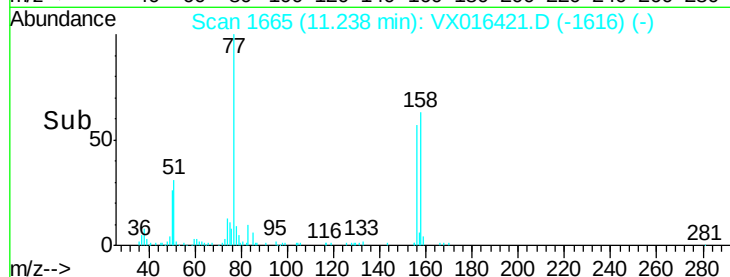
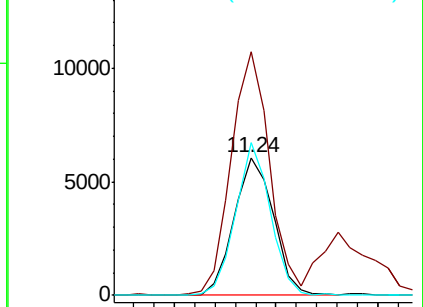
158 97.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.921 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016421.D

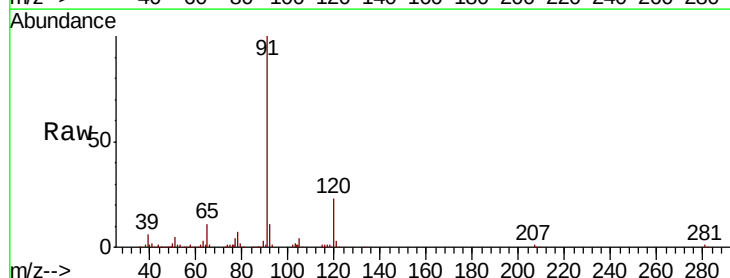
Acq: 26 May 2020 12:54

Tgt Ion: 91 Resp: 33560

Ion Ratio Lower Upper

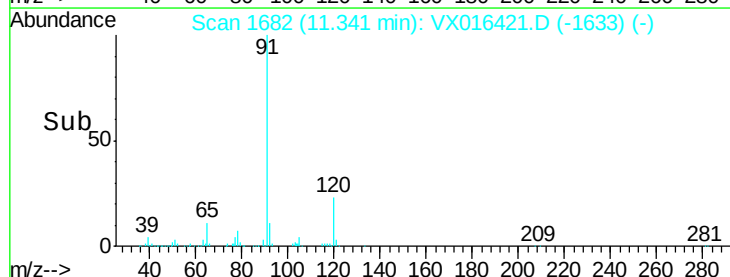
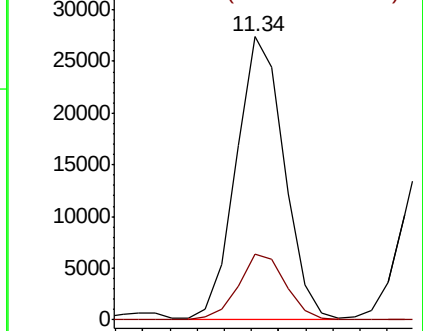
91 100

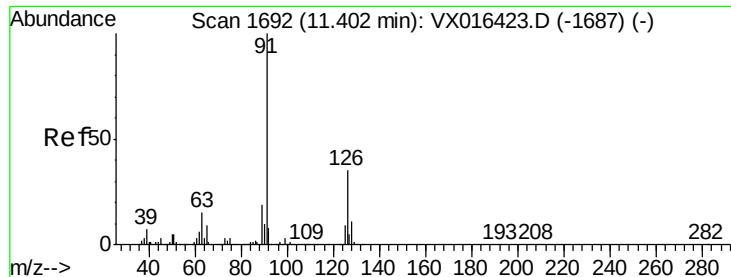
120 22.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

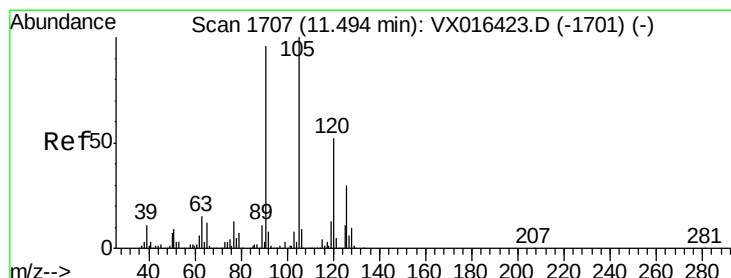
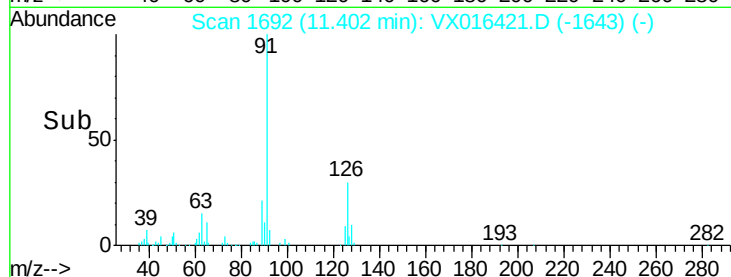
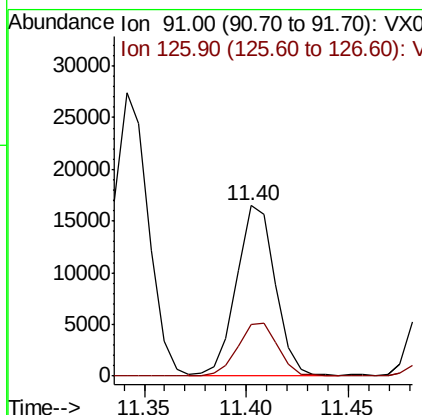
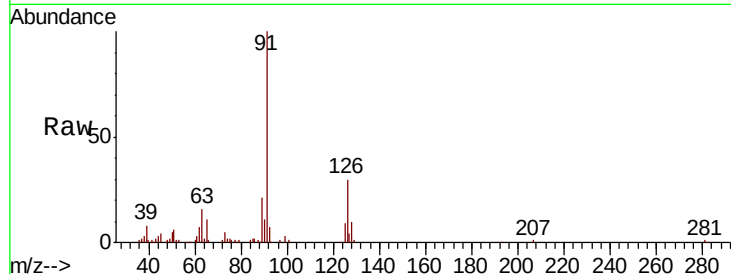




#79
2-Chlorotoluene
Concen: 5.421 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

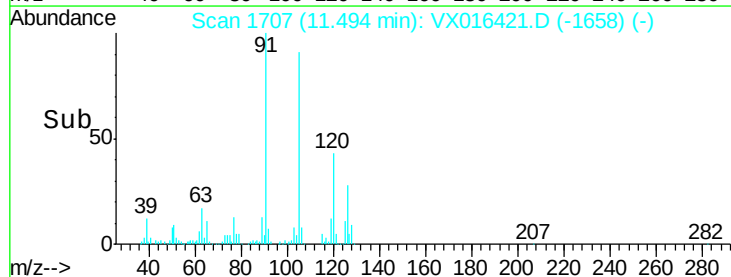
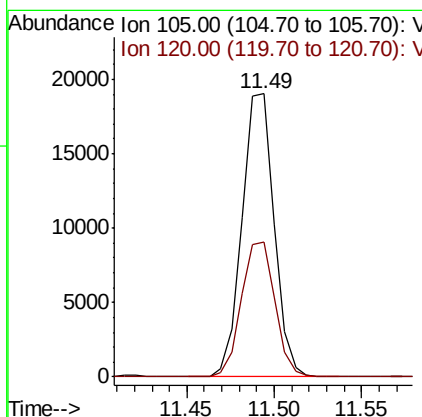
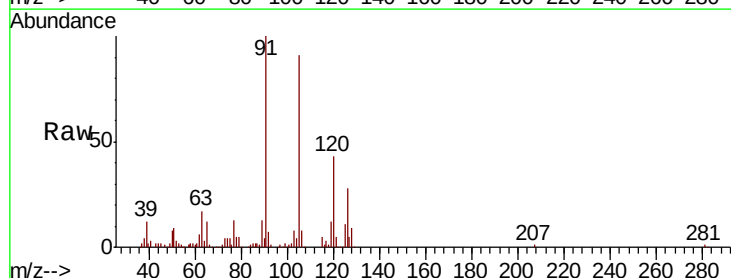
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

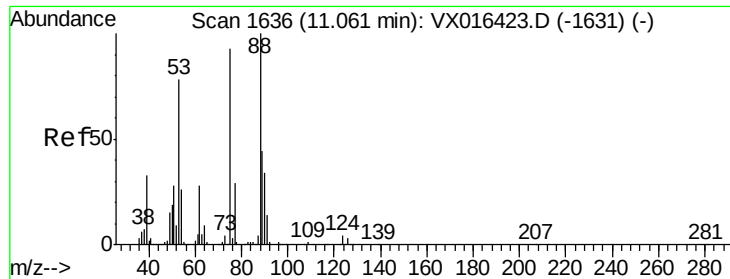
Tot Ion: 91 Resp: 21859
Ion Ratio Lower Upper
91 100
126 32.2 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 4.917 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 105 Resp: 24377
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0

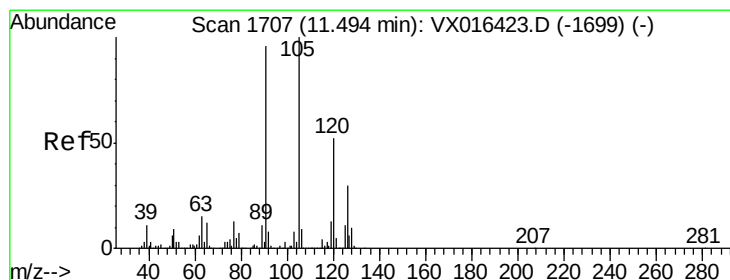
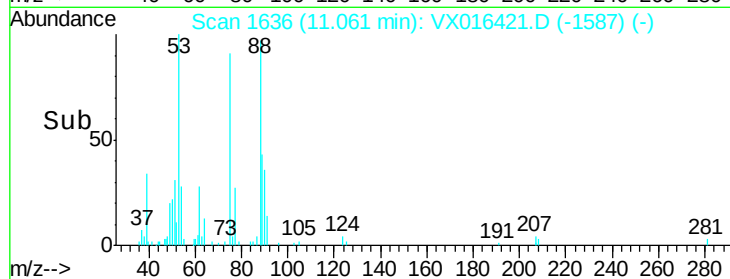
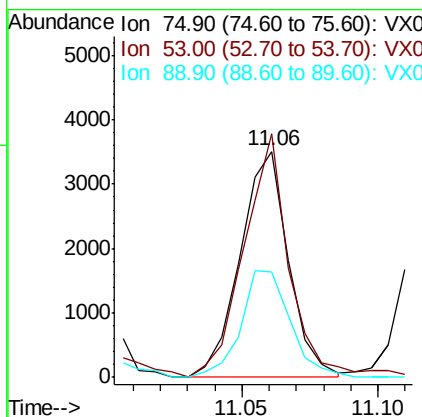
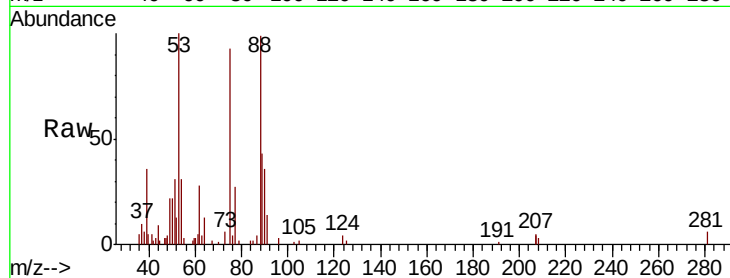




#81
trans-1,4-Dichloro-2-butene
Concen: 5.708 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

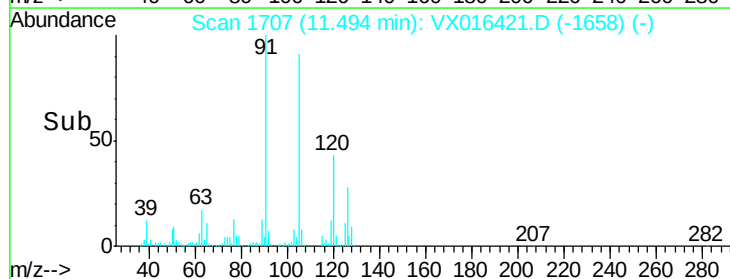
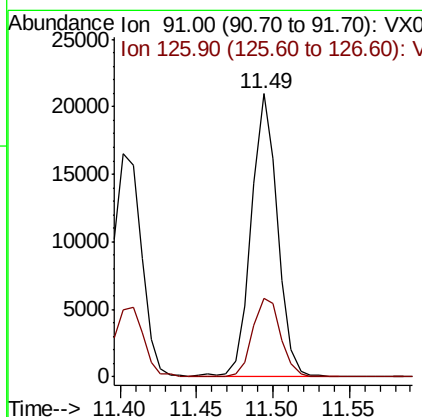
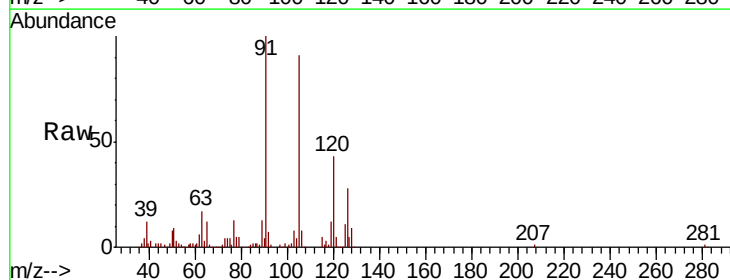
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

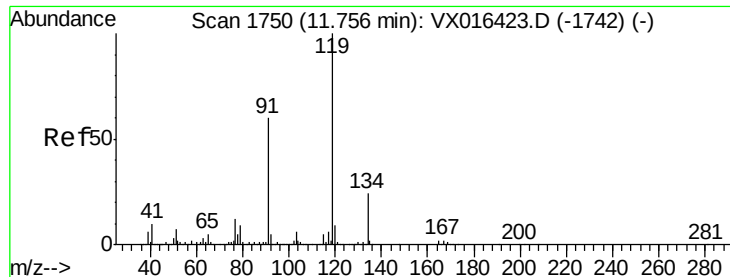
Tot Ion: 75 Resp: 4338
Ion Ratio Lower Upper
75 100
53 101.4 69.4 104.2
89 48.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 5.251 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 91 Resp: 25027
Ion Ratio Lower Upper
91 100
126 29.5 15.7 47.0





#83

tert-Butylbenzene

Concen: 4.665 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

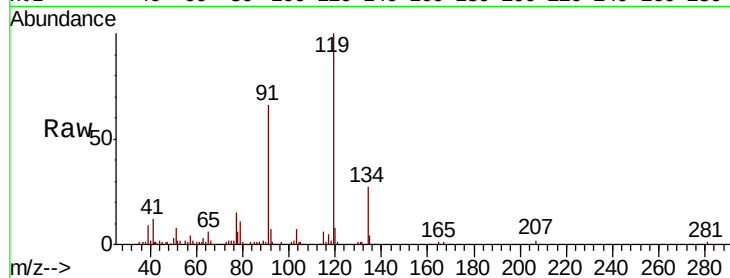
Tot Ion:119 Resp: 19925

Ion Ratio Lower Upper

119 100

91 65.3 30.8 92.3

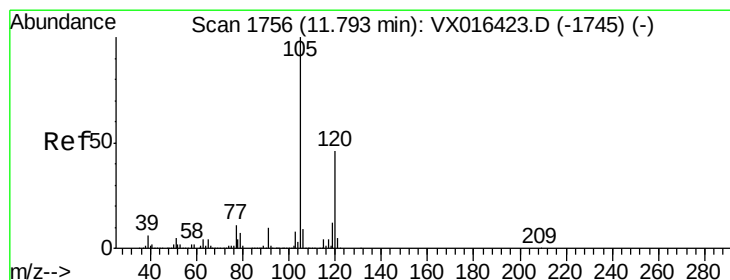
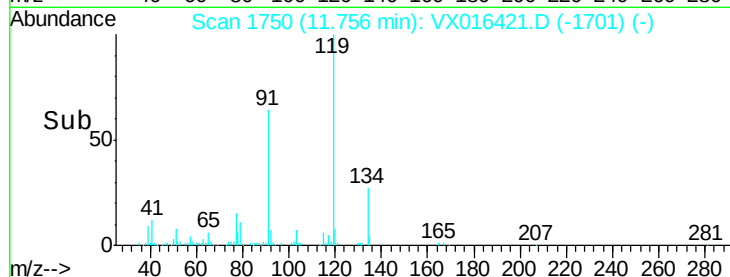
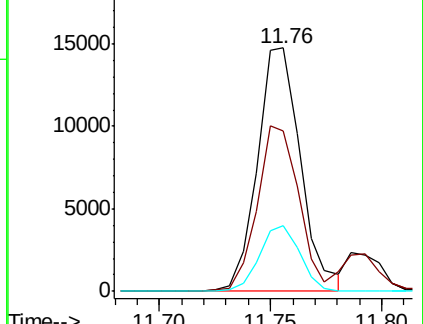
134 25.2 12.3 36.9



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: 5.099 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016421.D

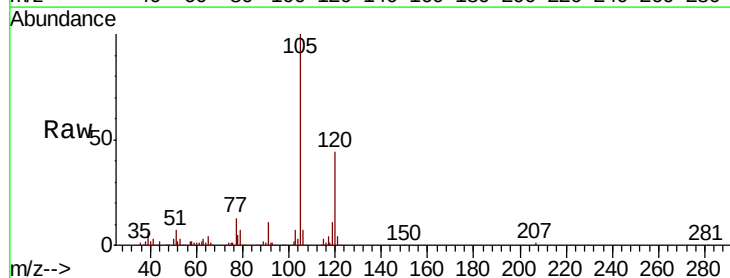
Acq: 26 May 2020 12:54

Tgt Ion:105 Resp: 25505

Ion Ratio Lower Upper

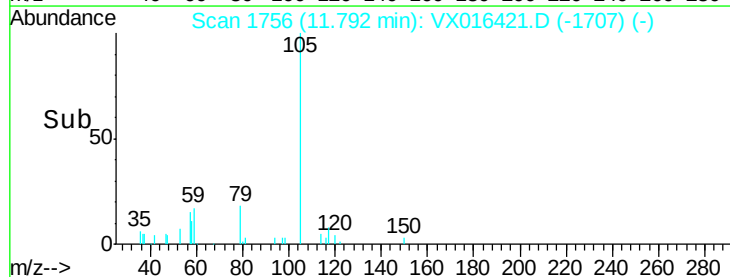
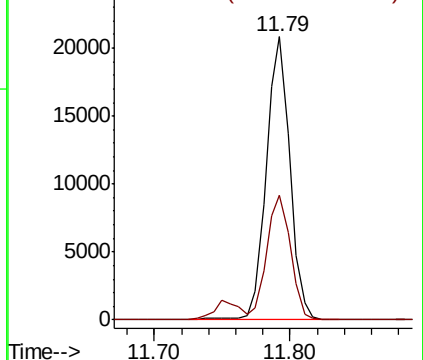
105 100

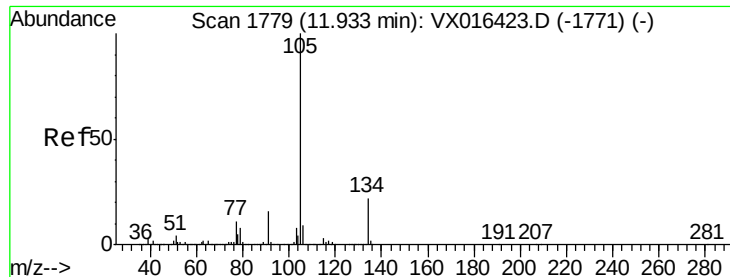
120 44.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.426 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

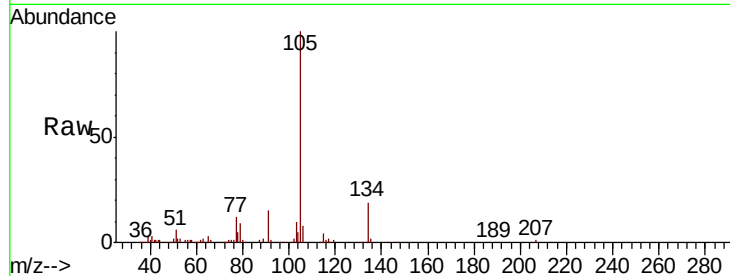
VSTDIC005

Tot Ion:105 Resp: 25287

Ion Ratio Lower Upper

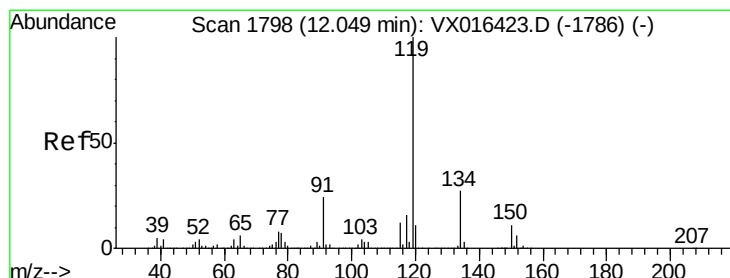
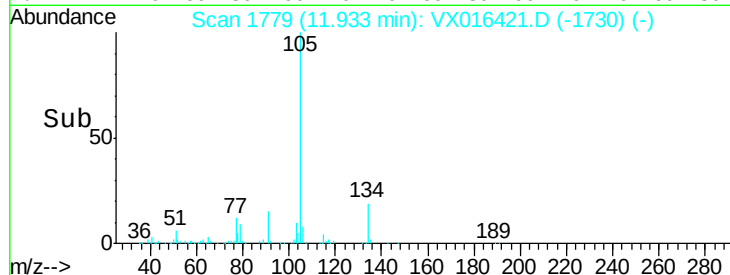
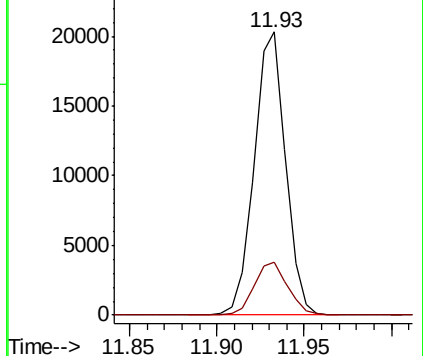
105 100

134 19.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.393 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016421.D

Acq: 26 May 2020 12:54

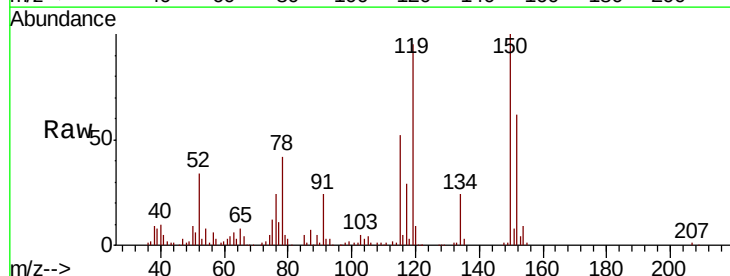
Tgt Ion:119 Resp: 23246

Ion Ratio Lower Upper

119 100

134 25.8 13.8 41.3

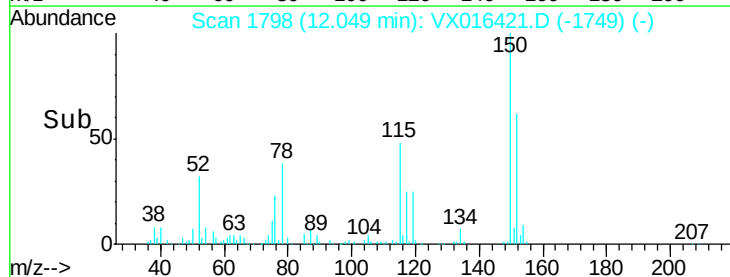
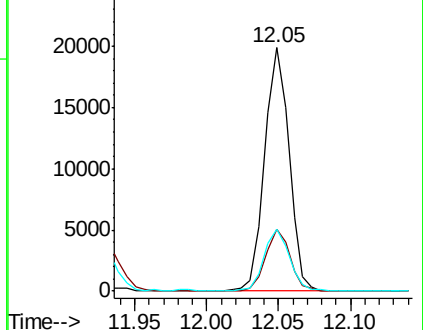
91 26.6 11.9 35.5

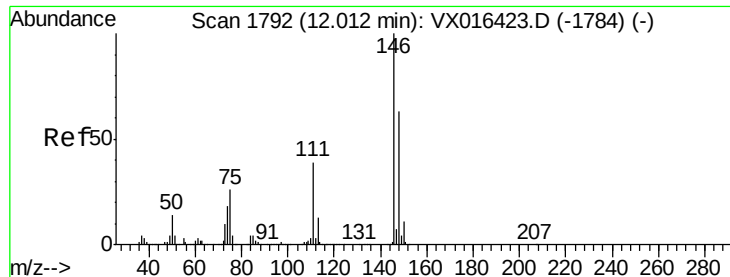


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

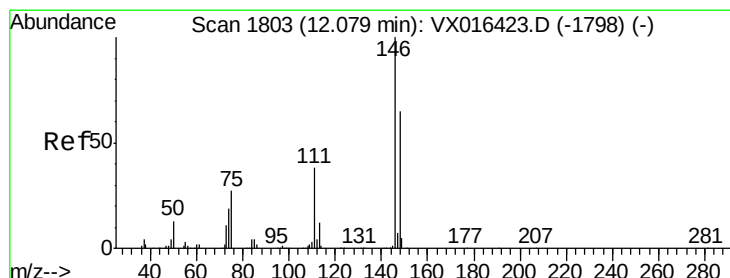
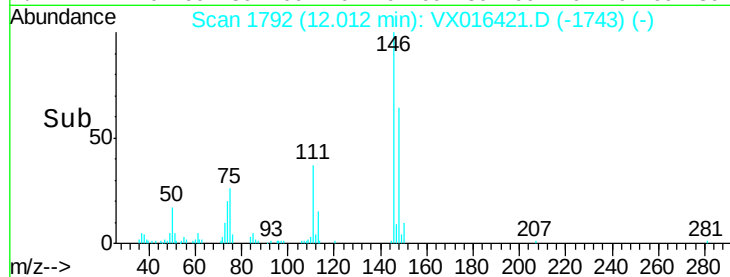
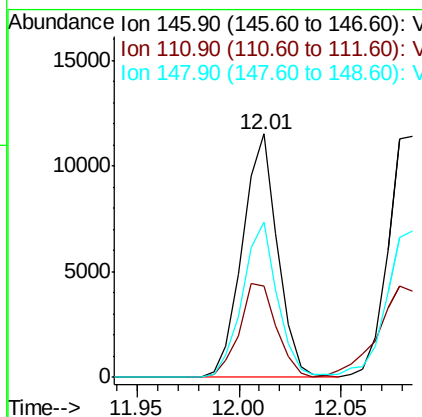
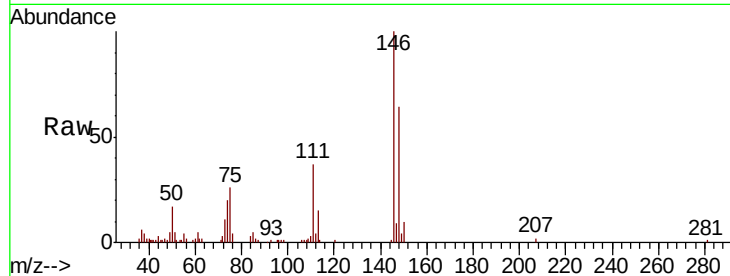




#87
 1,3-Dichlorobenzene
 Concen: 5.048 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

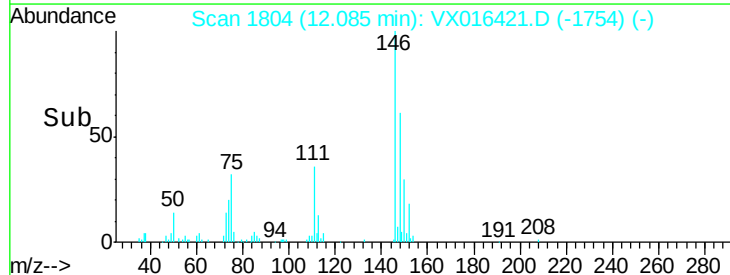
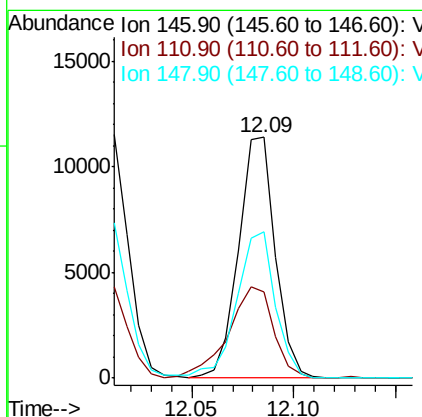
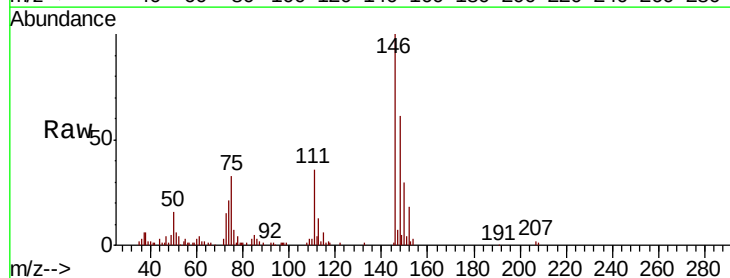
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

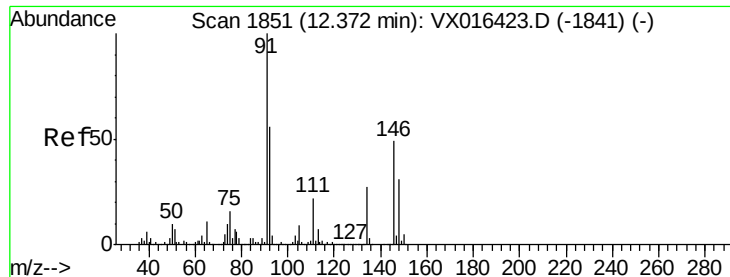
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	63.8	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 5.131 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.2	57.6
148	63.9	33.1	99.2

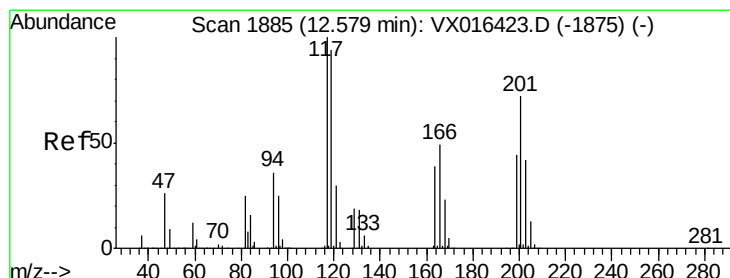
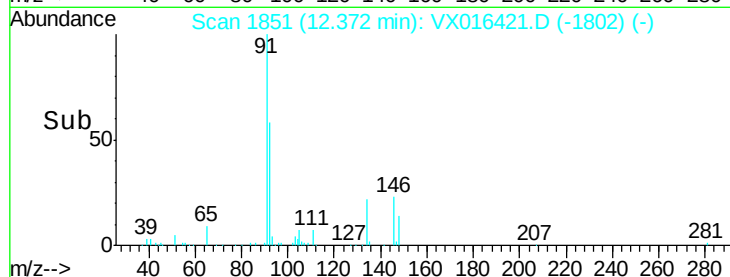
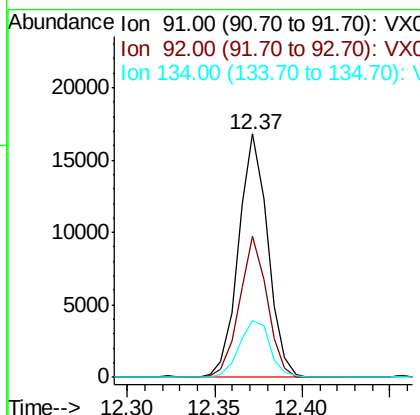
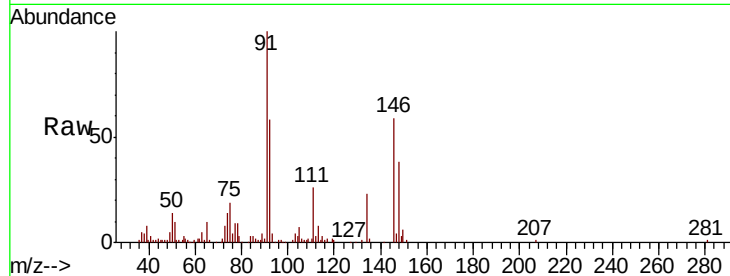




#89
n-Butylbenzene
Concen: 4.069 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

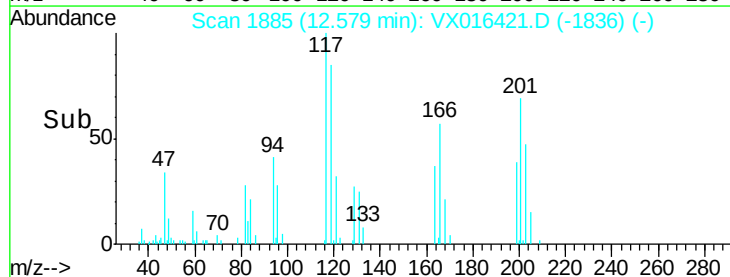
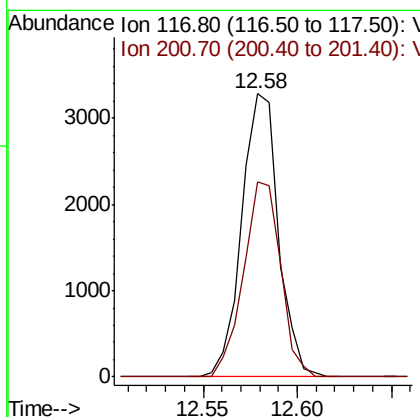
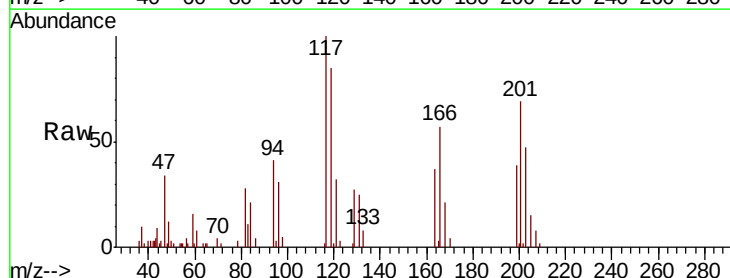
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

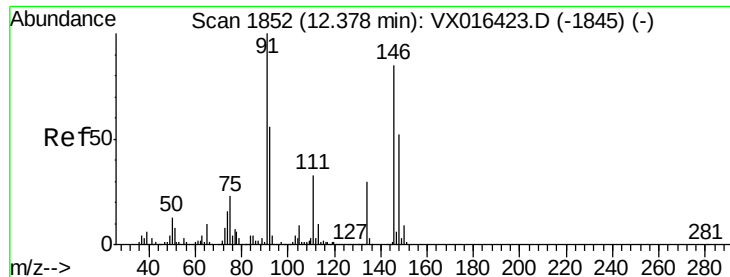
Tot Ion: 91 Resp: 19560
Ion Ratio Lower Upper
91 100
92 55.0 27.6 82.8
134 24.5 13.7 41.1



#90
Hexachloroethane
Concen: 4.853 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion: 117 Resp: 4439
Ion Ratio Lower Upper
117 100
201 69.6 37.6 112.9

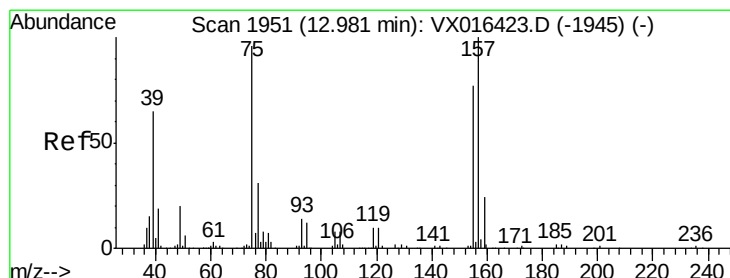
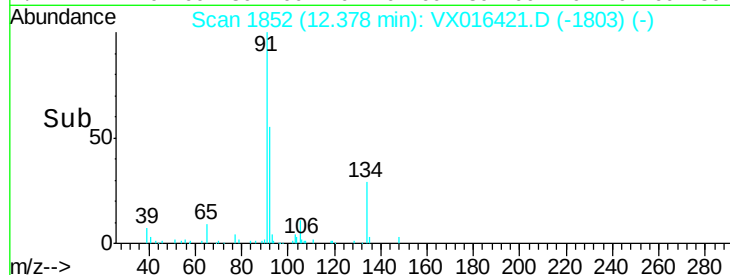
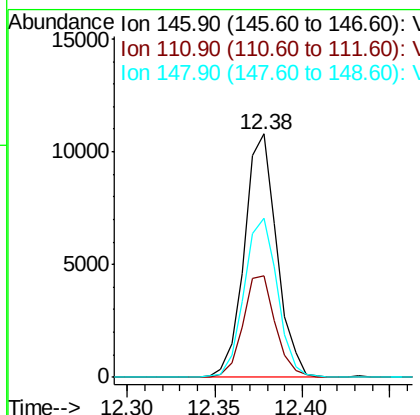
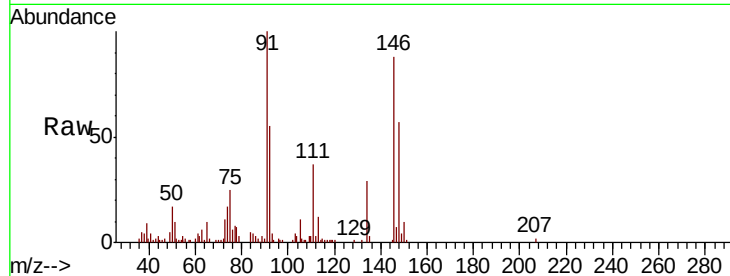




#91
 1,2-Dichlorobenzene
 Concen: 5.262 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

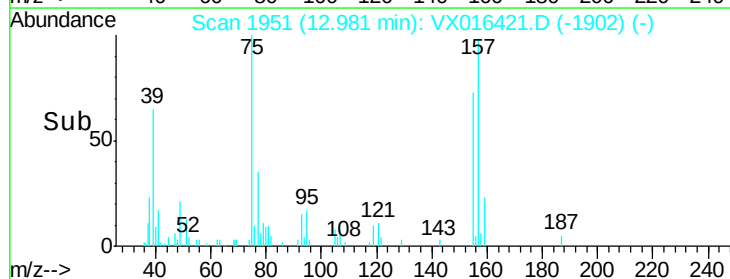
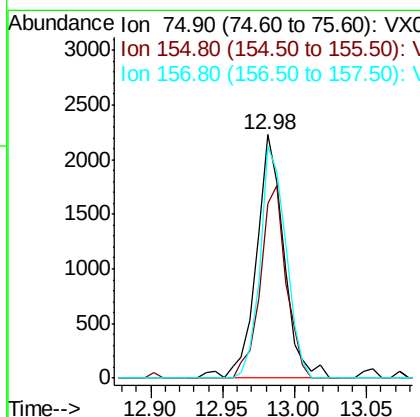
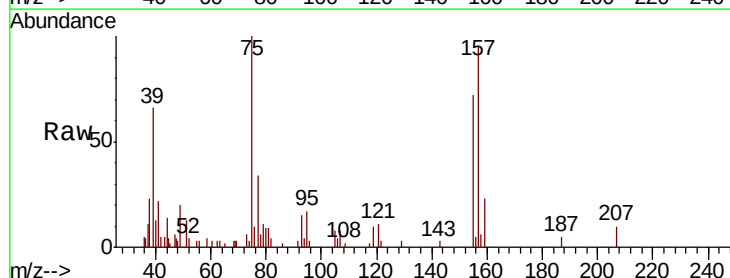
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

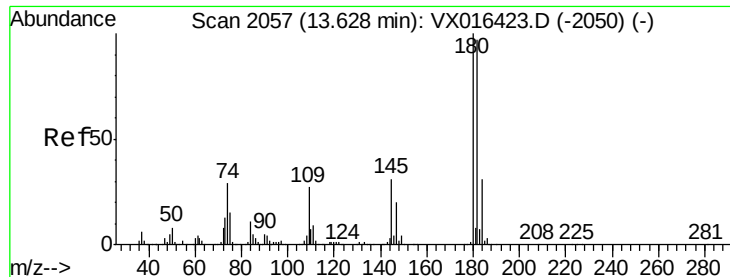
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.3
148	66.7	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.029 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	44.8	134.4
157	89.5	57.8	173.4

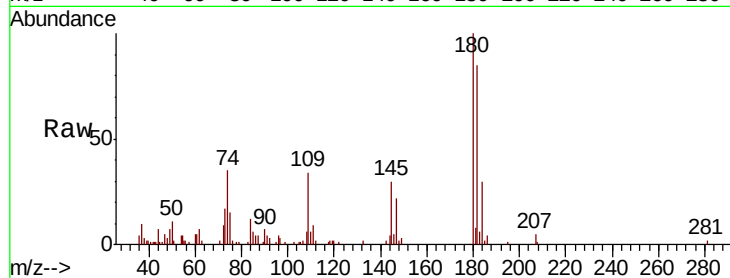




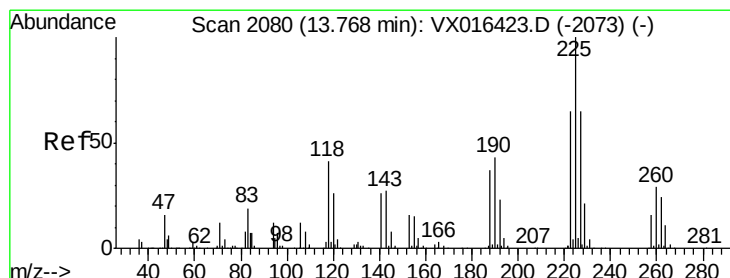
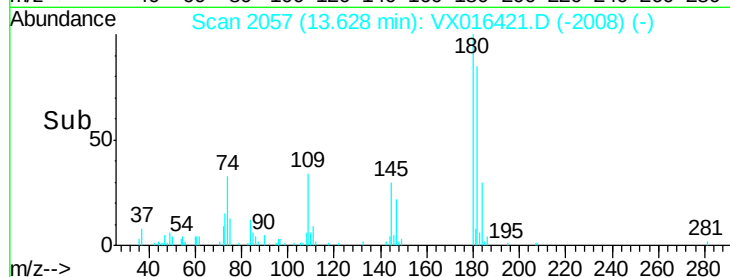
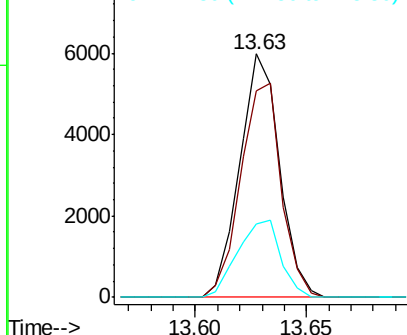
#93
 1,2,4-Trichlorobenzene
 Concen: 3.903 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.7	48.6	145.8
145	34.0	15.5	46.5

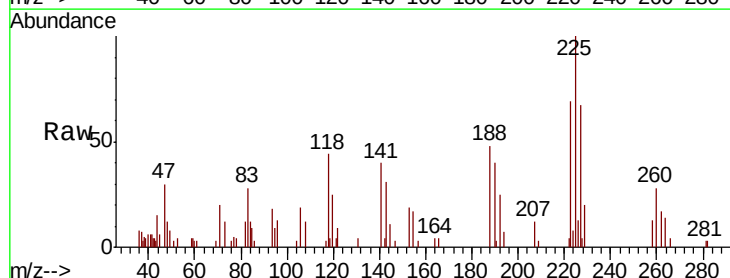


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

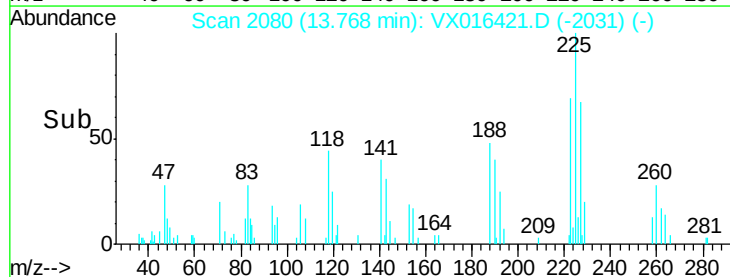
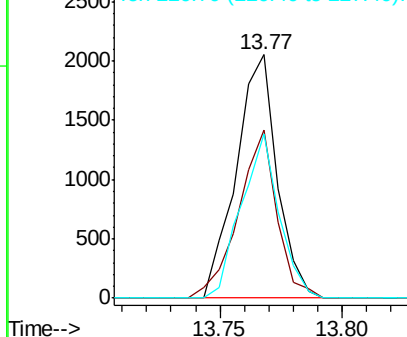


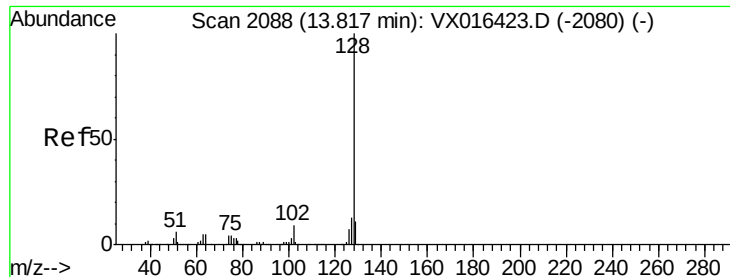
#94
 Hexachlorobutadiene
 Concen: 2.787 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016421.D
 Acq: 26 May 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.6	98.0
227	62.8	32.5	97.4



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

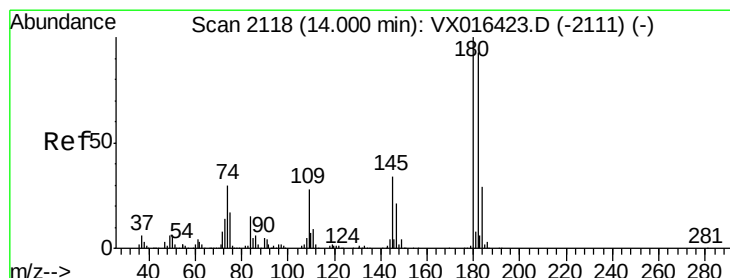
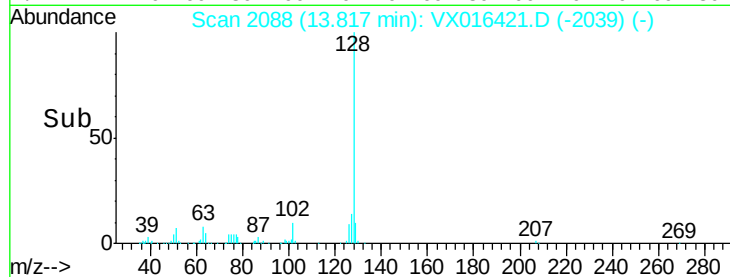
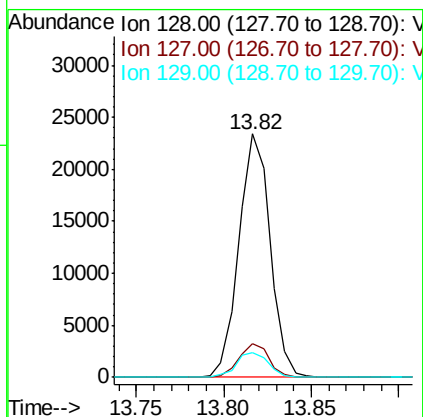
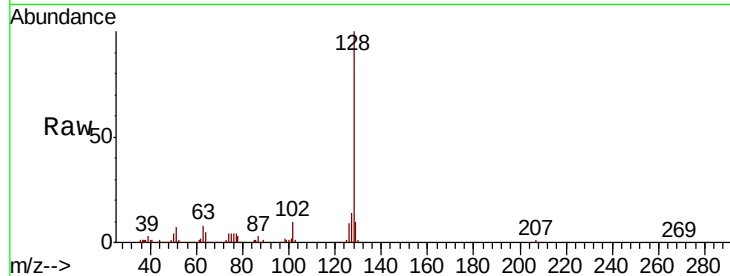




#95
Naphthalene
Concen: 4.646 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 29118
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.029 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016421.D
Acq: 26 May 2020 12:54

Tgt Ion:180 Resp: 7500
Ion Ratio Lower Upper
180 100
182 94.2 48.2 144.6
145 33.7 16.3 48.9

