

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016427.D
 Acq On : 26 May 2020 15:32
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 26 15:58:55 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	131176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	226687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	204343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	3601	2.07	ug/l	0.00
Spiked Amount			Recovery	=	4.14%	
35) Dibromofluoromethane	5.47	113	2434	1.67	ug/l	0.00
Spiked Amount			Recovery	=	3.34%	
50) Toluene-d8	8.70	98	8368	1.50	ug/l	0.00
Spiked Amount			Recovery	=	3.00%	
62) 4-Bromofluorobenzene	11.12	95	3425	1.62	ug/l	0.00
Spiked Amount			Recovery	=	3.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1349	1.014	ug/l	91
3) Chloromethane	1.31	50	1834	1.168	ug/l #	81
4) Vinyl Chloride	1.39	62	2402	1.386	ug/l	89
5) Bromomethane	1.64	94	2670	2.364	ug/l	91
6) Chloroethane	1.72	64	2024	1.881	ug/l	96
7) Trichlorofluoromethane	1.92	101	3720	1.578	ug/l	93
8) Diethyl Ether	2.17	74	2056	2.085	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2085	1.619	ug/l	90
10) Methyl Iodide	2.49	142	1337	0.808	ug/l	90
11) Tert butyl alcohol	3.01	59	2373	5.567	ug/l #	86
12) 1,1-Dichloroethene	2.36	96	1873	1.391	ug/l	93
13) Acrolein	2.27	56	1813	7.005	ug/l #	70
14) Allyl chloride	2.70	41	2713	1.116	ug/l	96
15) Acrylonitrile	3.12	53	4720	5.316	ug/l	90
16) Acetone	2.42	43	4509	5.964	ug/l	89
17) Carbon Disulfide	2.55	76	7765	1.697	ug/l	98
18) Methyl Acetate	2.75	43	2640	1.421	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	5378	1.152	ug/l	95
20) Methylene Chloride	2.84	84	2339	1.486	ug/l #	97
21) trans-1,2-Dichloroethene	3.15	96	2240	1.472	ug/l #	75
22) Diisopropyl ether	3.82	45	5047	1.084	ug/l #	93
23) Vinyl Acetate	3.78	43	20153	4.928	ug/l	96
24) 1,1-Dichloroethane	3.67	63	3176	1.211	ug/l	93
25) 2-Butanone	4.64	43	7133	5.848	ug/l	92
26) 2,2-Dichloropropane	4.55	77	2933	1.222	ug/l	80
27) cis-1,2-Dichloroethene	4.57	96	2301	1.378	ug/l	94
28) Bromochloromethane	4.98	49	1674	1.394	ug/l	86
29) Tetrahydrofuran	5.10	42	4476	5.546	ug/l	94
30) Chloroform	5.18	83	3119	1.183	ug/l	84
31) Cyclohexane	5.56	56	2879	1.229	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	3202	1.332	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	2866	1.292	ug/l #	59
37) Ethyl Acetate	4.80	43	2517	0.995	ug/l #	76
38) Carbon Tetrachloride	5.76	117	2653	1.172	ug/l #	90

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 Data File : VX016427.D
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 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 26 15:58:55 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	7.44	83	3016	1.149	ug/l	89
40) Benzene	6.12	78	6819	1.049	ug/l	99
41) Methacrylonitrile	5.02	41	1810	1.326	ug/l #	41
42) 1,2-Dichloroethane	6.16	62	2612	1.117	ug/l	90
43) Isopropyl Acetate	6.42	43	4439	1.097	ug/l	98
44) Trichloroethene	7.20	130	2698	1.175	ug/l	78
45) 1,2-Dichloropropane	7.48	63	1875	1.149	ug/l	95
46) Dibromomethane	7.63	93	1340	1.188	ug/l	89
47) Bromodichloromethane	7.87	83	2489	1.092	ug/l #	82
48) Methyl methacrylate	7.74	41	1829	0.959	ug/l #	88
49) 1,4-Dioxane	7.73	88	918	19.772	ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	11225	4.526	ug/l	98
52) Toluene	8.76	92	4476	1.100	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	2995	1.106	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	2846	1.010	ug/l #	73
55) 1,1,2-Trichloroethane	9.20	97	1726	1.074	ug/l	94
56) Ethyl methacrylate	9.16	69	2351	0.910	ug/l #	89
57) 1,3-Dichloropropane	9.35	76	3303	1.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	6074	4.425	ug/l	97
59) 2-Hexanone	9.48	43	8558	4.391	ug/l	97
60) Dibromochloromethane	9.57	129	1830	1.028	ug/l	96
61) 1,2-Dibromoethane	9.65	107	2003	1.147	ug/l	98
64) Tetrachloroethene	9.32	164	2733	1.103	ug/l	91
65) Chlorobenzene	10.12	112	4651	1.090	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	1584	1.001	ug/l #	62
67) Ethyl Benzene	10.24	91	7830	1.035	ug/l	98
68) m/p-Xylenes	10.34	106	5944	2.091	ug/l	95
69) o-Xylene	10.68	106	2800	1.022	ug/l	98
70) Styrene	10.70	104	4565	0.986	ug/l	98
71) Bromoform	10.84	173	1187	0.920	ug/l #	91
73) Isopropylbenzene	11.00	105	7284	1.108	ug/l	100
74) N-amyl acetate	10.88	43	3318	1.102	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1886	1.562	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	2729	1.338	ug/l	95
77) Bromobenzene	11.24	156	1941	1.136	ug/l	86
78) n-propylbenzene	11.34	91	8867	1.162	ug/l	96
79) 2-Chlorotoluene	11.40	91	5502	1.219	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	5860	1.056	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	917	1.078	ug/l #	60
82) 4-Chlorotoluene	11.49	91	6490	1.217	ug/l	97
83) tert-Butylbenzene	11.76	119	5281	1.105	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	5815	1.039	ug/l	99
85) sec-Butylbenzene	11.93	105	6564	1.027	ug/l	99
86) p-Isopropyltoluene	12.05	119	6188	1.045	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	3669	1.202	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	3669	1.184	ug/l	95
89) n-Butylbenzene	12.37	91	6155	1.144	ug/l	96
90) Hexachloroethane	12.58	117	1124	1.098	ug/l	76
91) 1,2-Dichlorobenzene	12.38	146	3512	1.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	683	1.270	ug/l	72

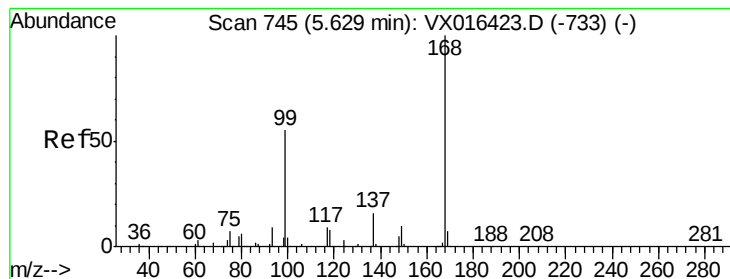
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016427.D
Acq On : 26 May 2020 15:32
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 26 15:58:55 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	2528	1.181	ug/l	98
94) Hexachlorobutadiene	13.77	225	1680	1.754	ug/l	88
95) Naphthalene	13.82	128	7176	1.023	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	2249	1.080	ug/l	92

(#) = 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: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

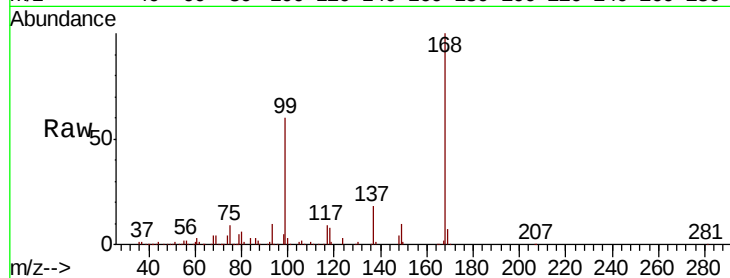
VSTDIC001

Tot Ion:168 Resp: 131176

Ion Ratio Lower Upper

168 100

99 60.3 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

50000

40000

30000

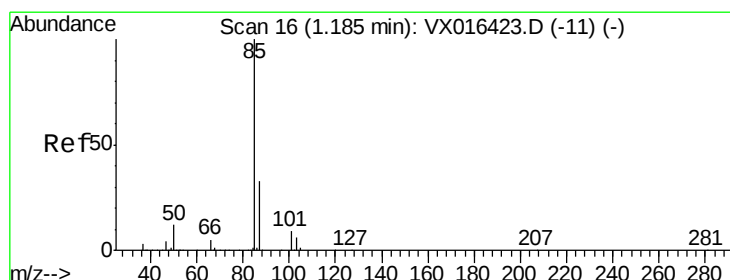
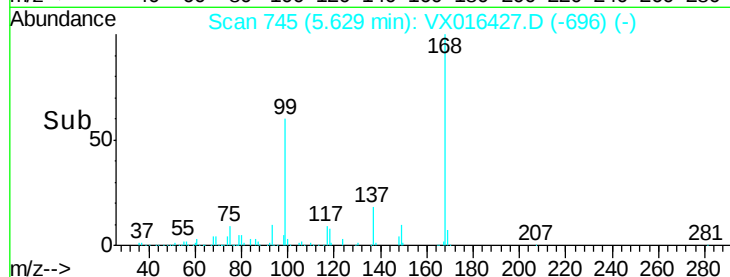
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.014 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016427.D

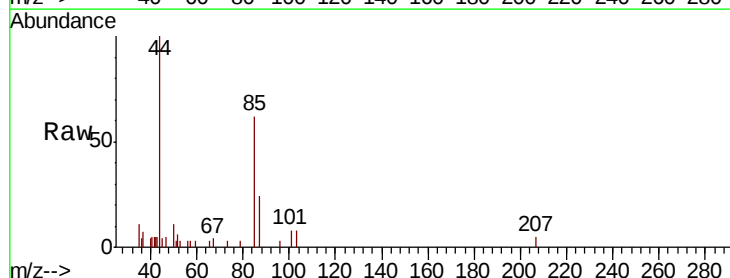
Acq: 26 May 2020 15:32

Tgt Ion: 85 Resp: 1349

Ion Ratio Lower Upper

85 100

87 37.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1500

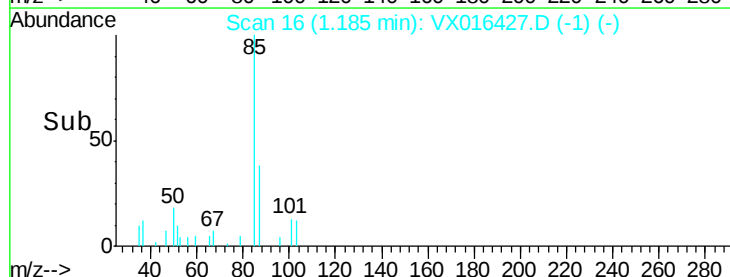
1000

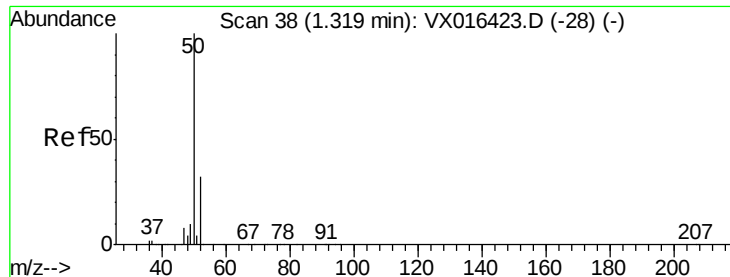
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.168 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

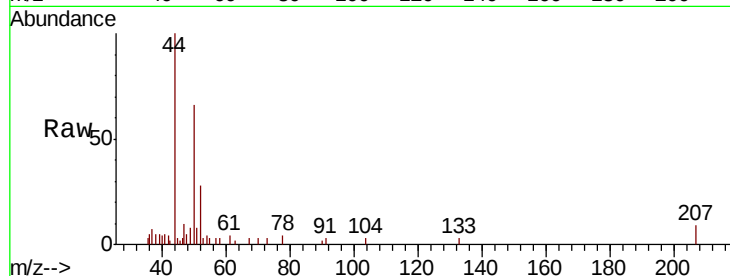
VSTDIC001

Tot Ion: 50 Resp: 1834

Ion Ratio Lower Upper

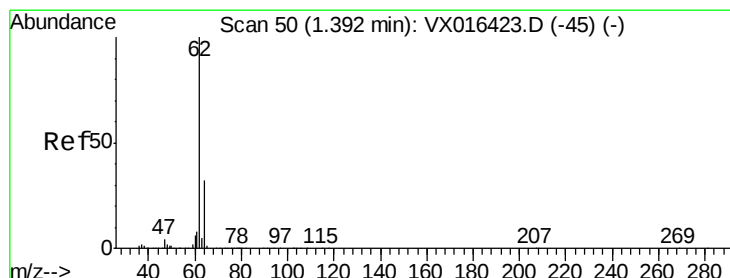
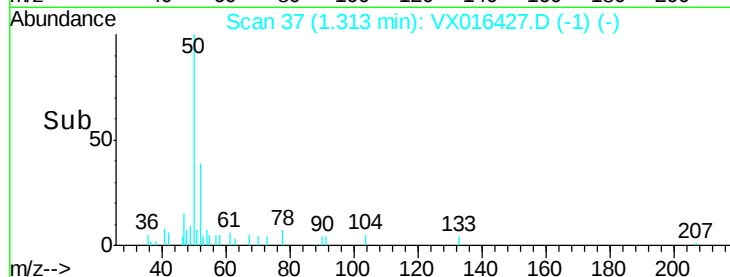
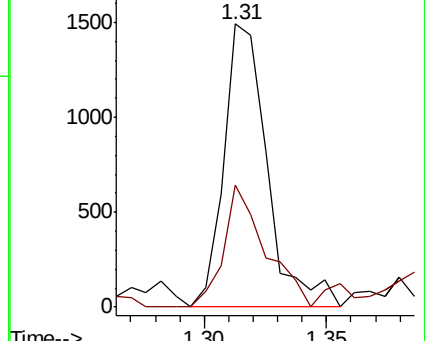
50 100

52 43.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.386 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016427.D

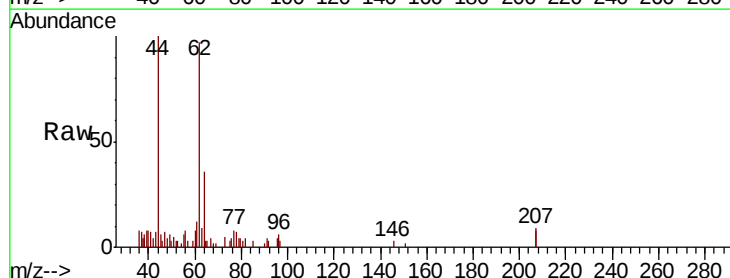
Acq: 26 May 2020 15:32

Tgt Ion: 62 Resp: 2402

Ion Ratio Lower Upper

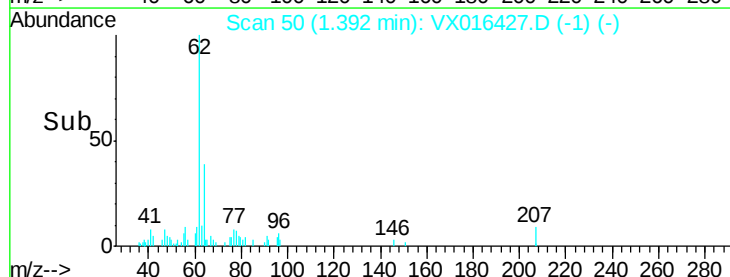
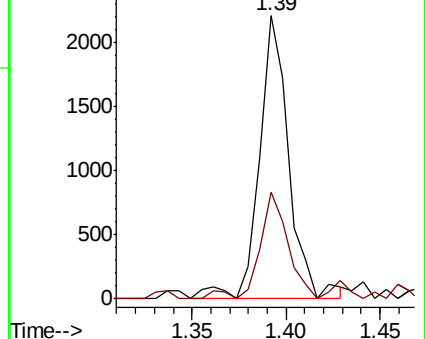
62 100

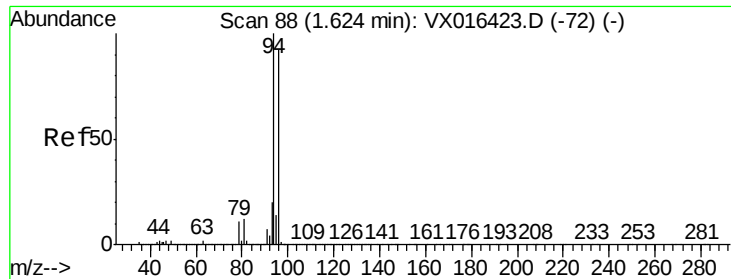
64 37.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.364 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

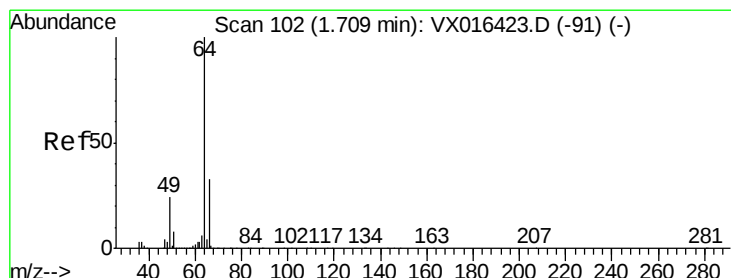
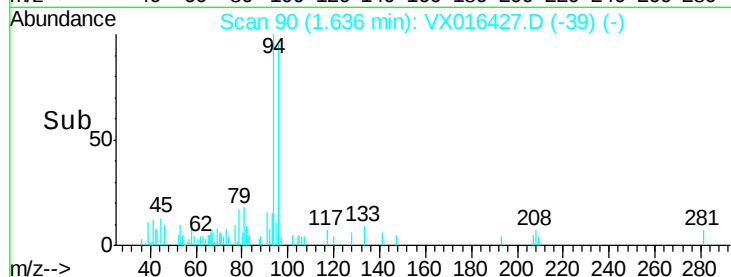
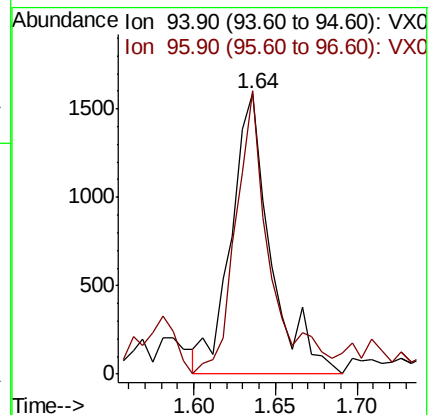
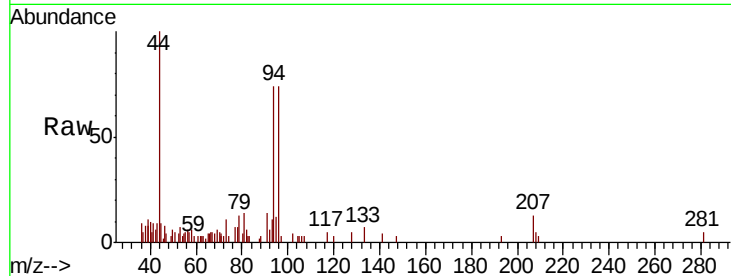
VSTDIC001

Tot Ion: 94 Resp: 2670

Ion Ratio Lower Upper

94 100

96 100.9 73.7 110.5



#6

Chloroethane

Concen: 1.881 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016427.D

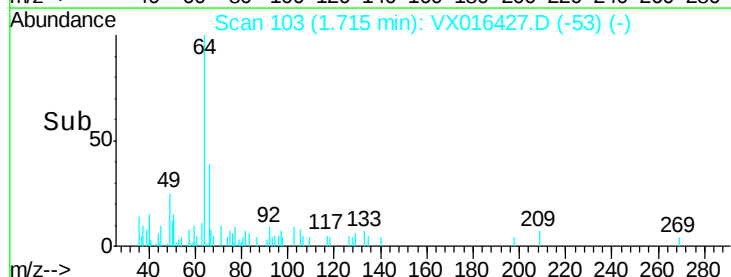
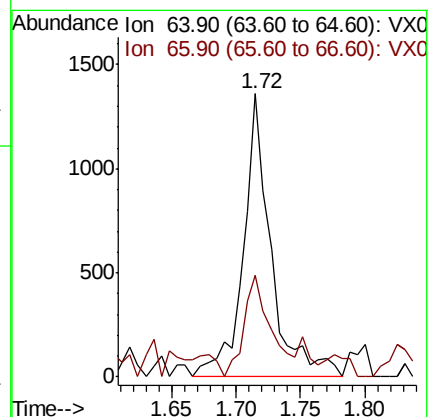
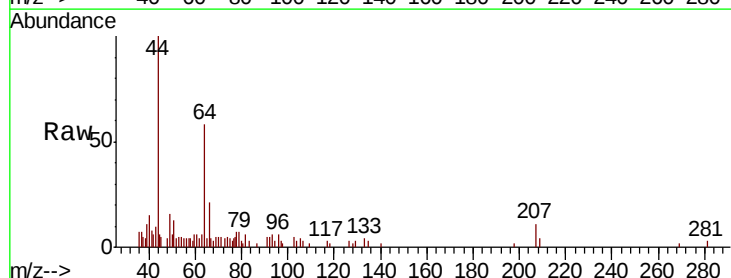
Acq: 26 May 2020 15:32

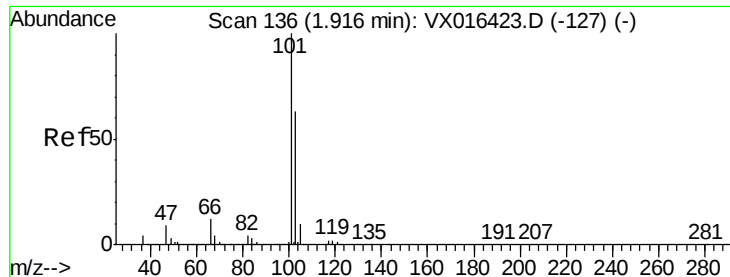
Tgt Ion: 64 Resp: 2024

Ion Ratio Lower Upper

64 100

66 30.0 26.0 39.0





#7

Trichlorofluoromethane

Concen: 1.578 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

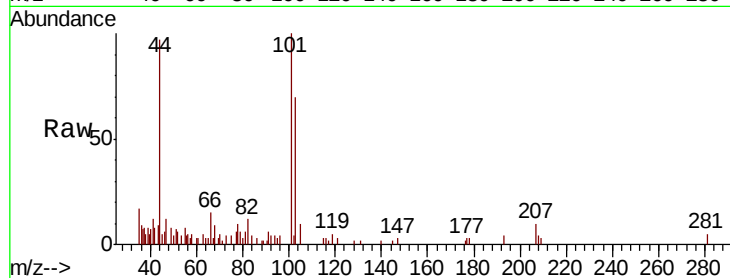
VSTDIC001

Tot Ion:101 Resp: 3720

Ion Ratio Lower Upper

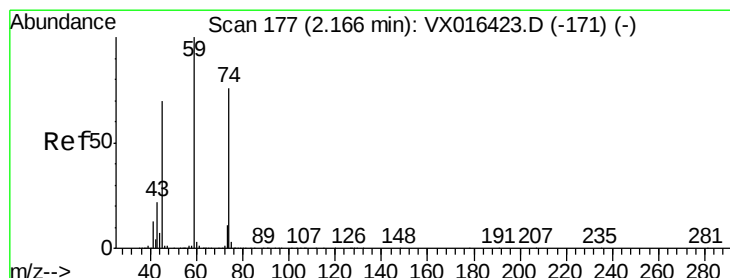
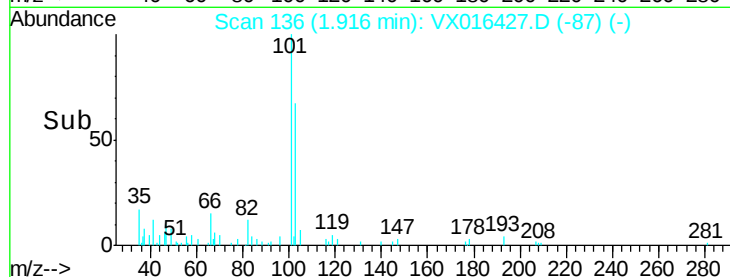
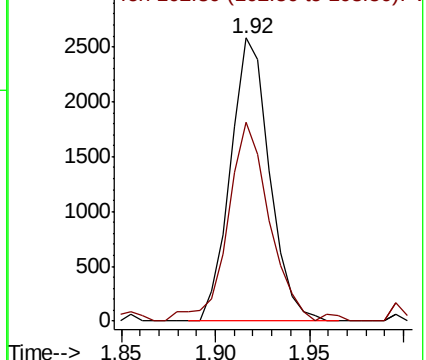
101 100

103 68.3 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: 2.085 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX016427.D

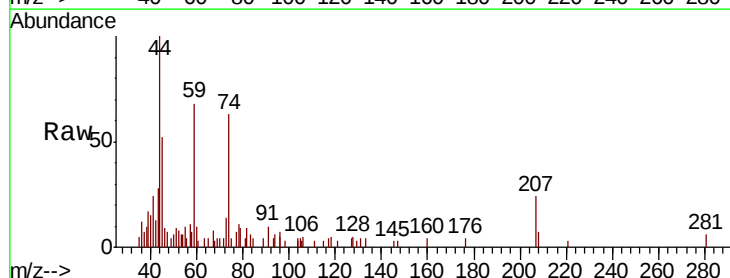
Acq: 26 May 2020 15:32

Tgt Ion: 74 Resp: 2056

Ion Ratio Lower Upper

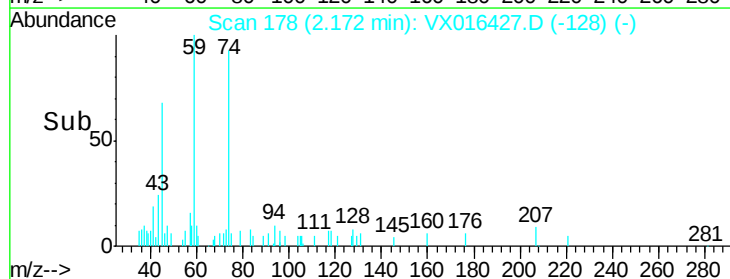
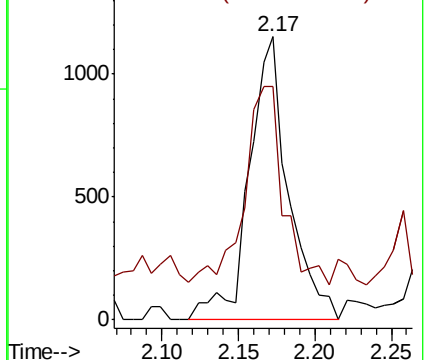
74 100

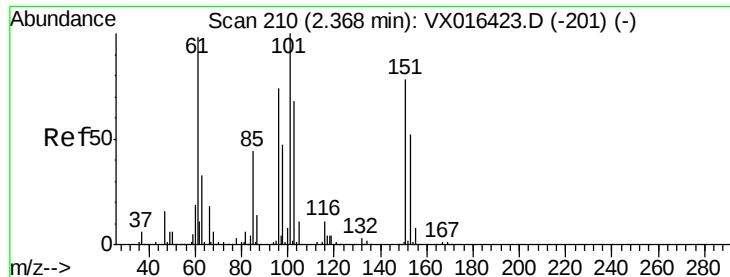
45 69.5 44.4 133.2



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: 1.619 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

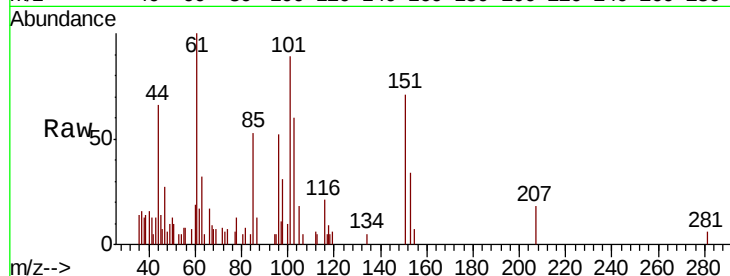
Tot Ion:101 Resp: 2085

Ion Ratio Lower Upper

101 100

85 51.8 36.2 54.4

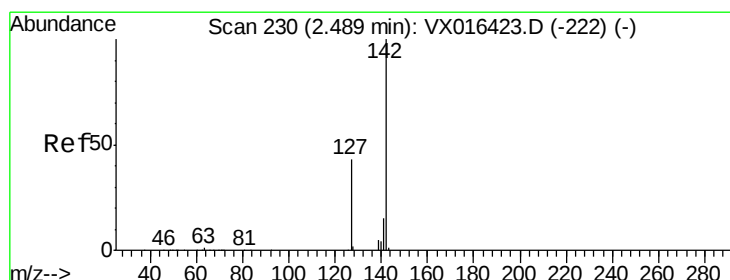
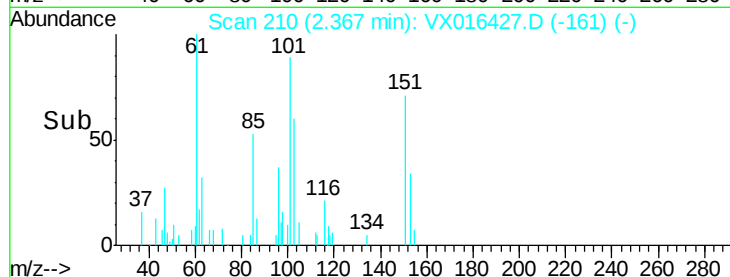
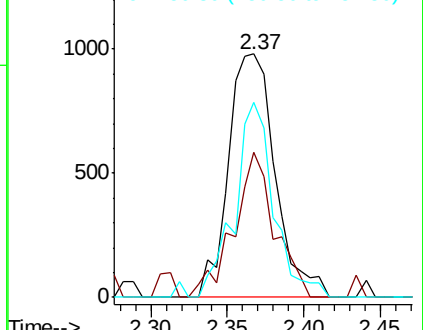
151 67.2 60.4 90.6



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: 0.808 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

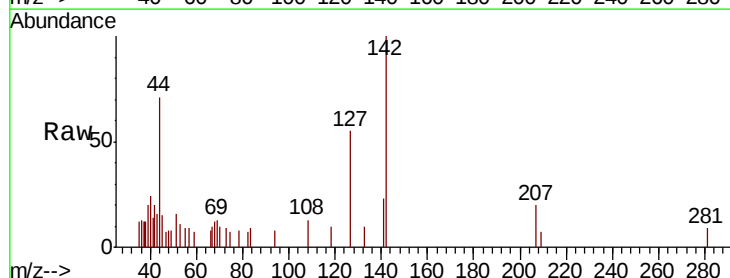
Tgt Ion:142 Resp: 1337

Ion Ratio Lower Upper

142 100

127 53.2 36.2 54.4

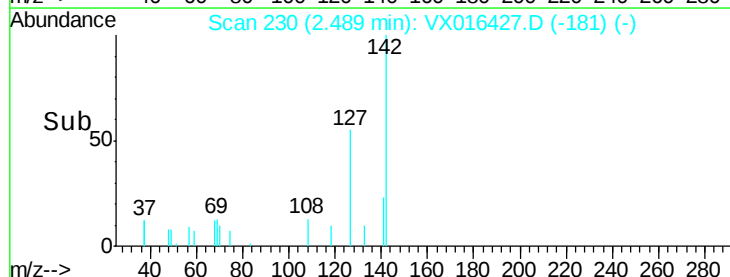
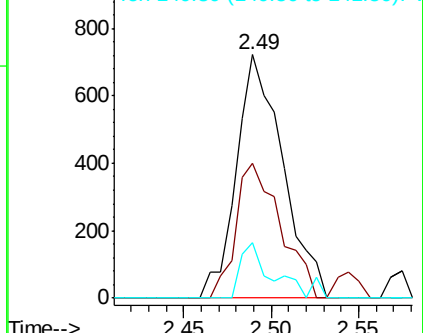
141 16.4 12.2 18.2

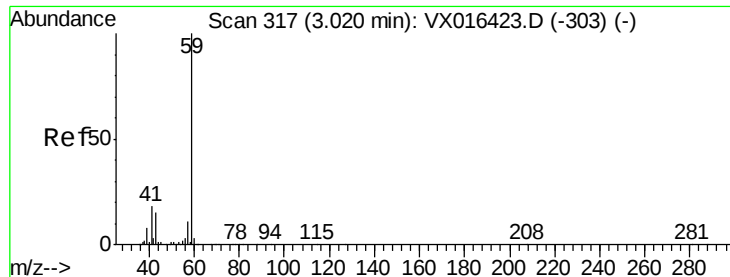


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

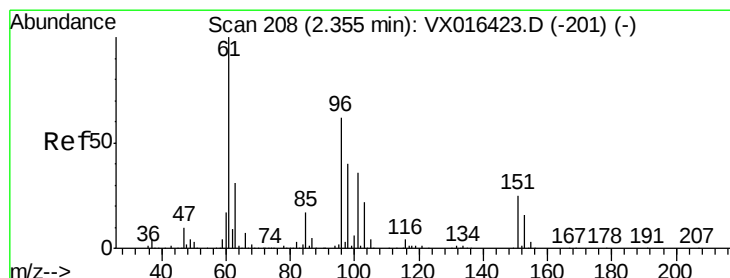
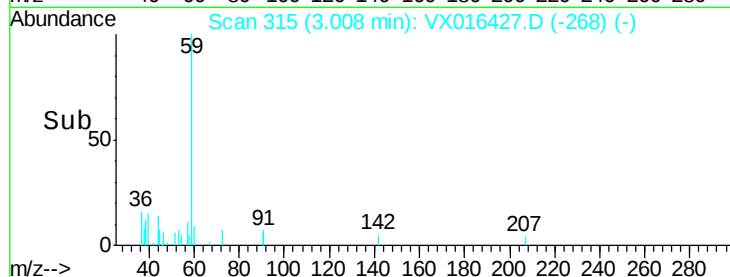
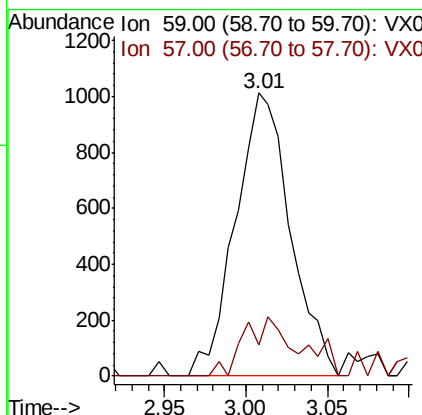
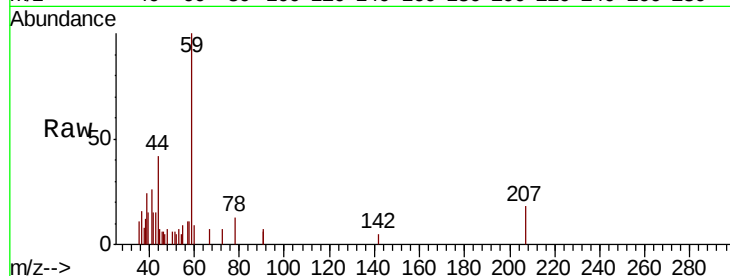




#11
Tert butyl alcohol
Concen: 5.567 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

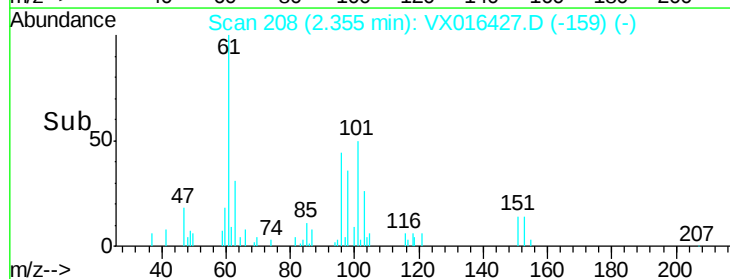
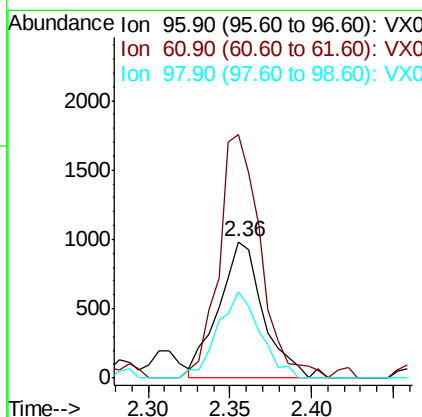
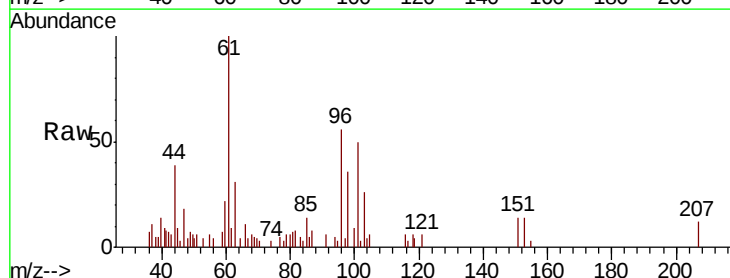
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

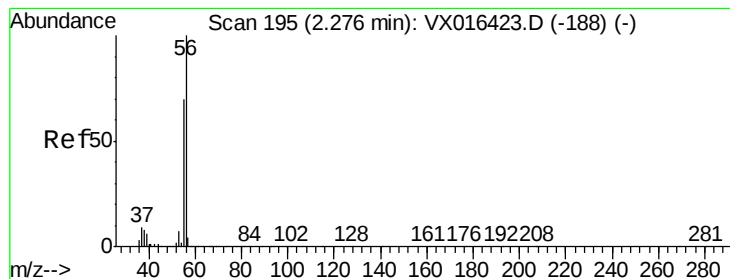
Tot Ion: 59 Resp: 2373
Ion Ratio Lower Upper
59 100
57 15.9 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.391 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 96 Resp: 1873
Ion Ratio Lower Upper
96 100
61 173.1 128.2 192.4
98 63.6 50.8 76.2





#13

Acrolein

Concen: 7.005 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

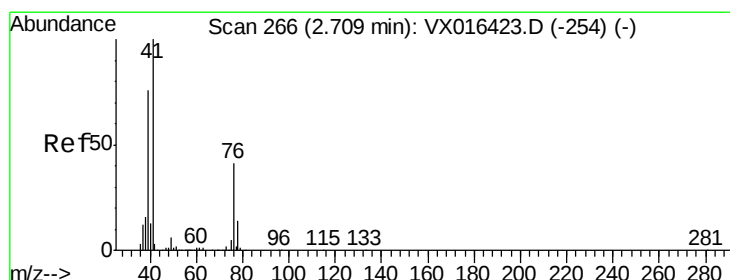
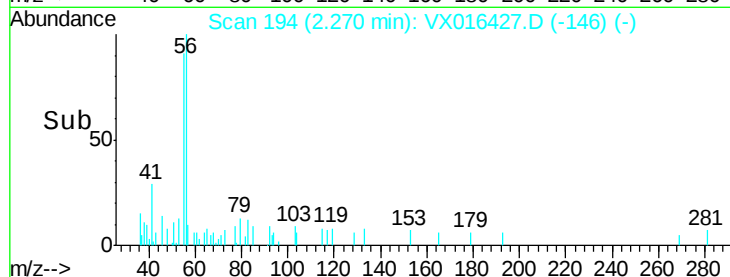
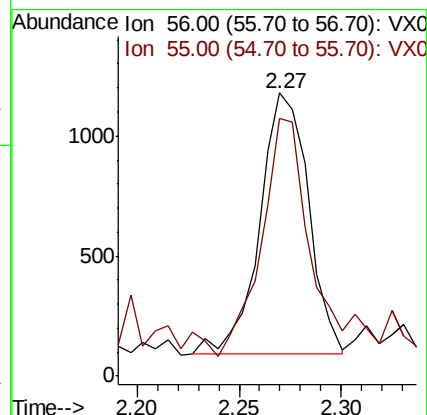
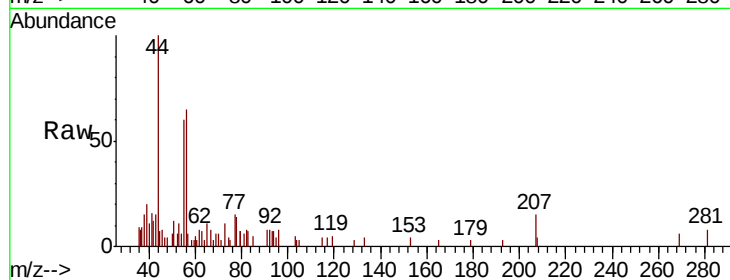
VSTDIC001

Tot Ion: 56 Resp: 1813

Ion Ratio Lower Upper

56 100

55 94.9 56.5 84.7#



#14

Allyl chloride

Concen: 1.116 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

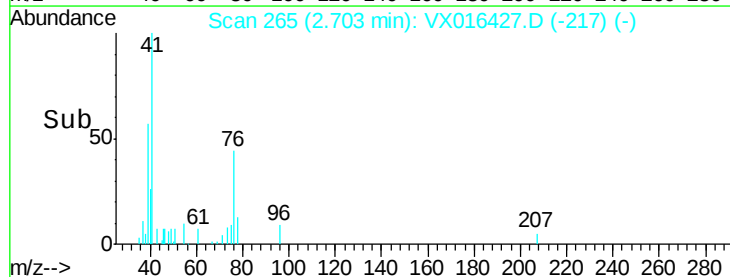
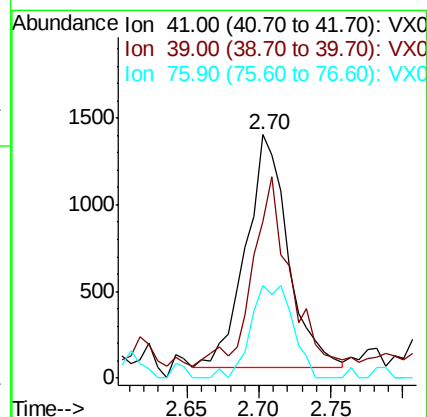
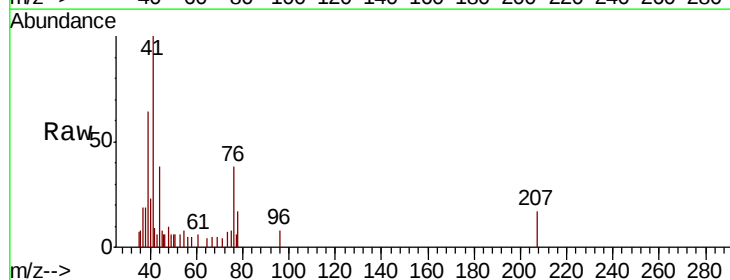
Tgt Ion: 41 Resp: 2713

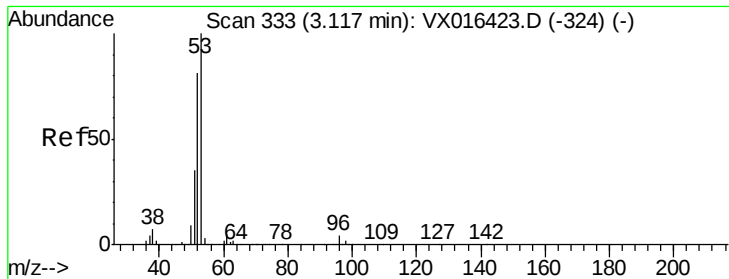
Ion Ratio Lower Upper

41 100

39 73.3 55.8 83.8

76 39.6 29.6 44.4





#15

Acrylonitrile

Concen: 5.316 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

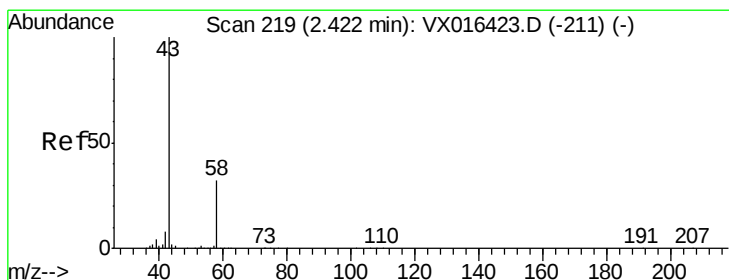
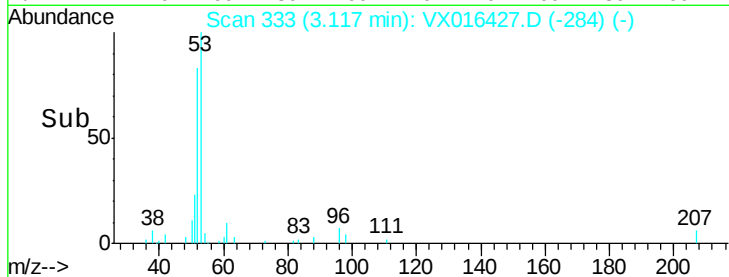
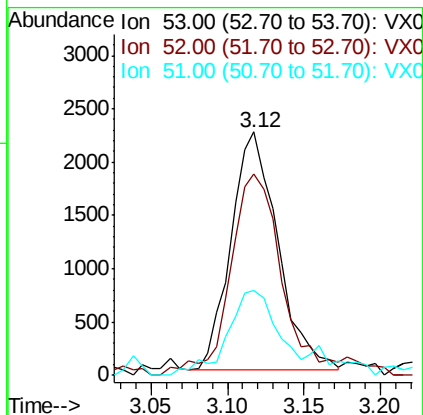
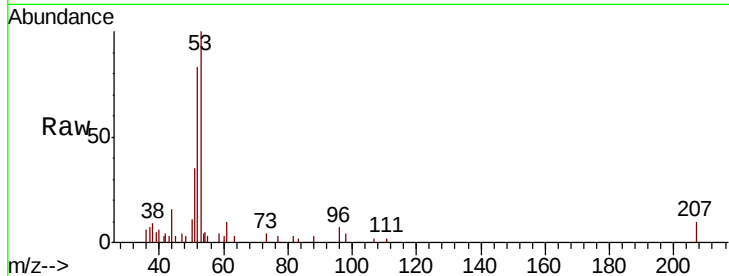
Tot Ion: 53 Resp: 4720

Ion Ratio Lower Upper

53 100

52 93.2 65.4 98.2

51 38.3 28.4 42.6



#16

Acetone

Concen: 5.964 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016427.D

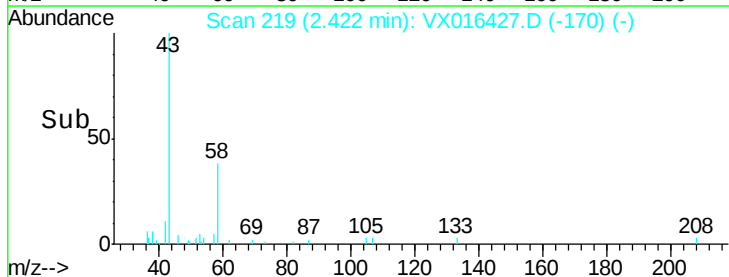
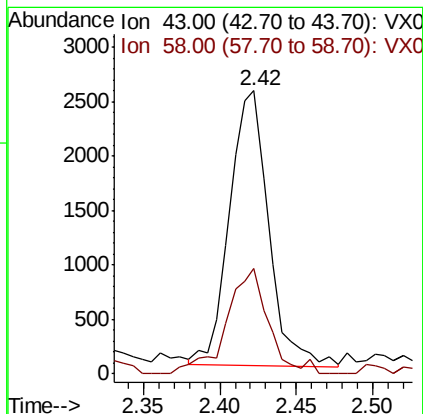
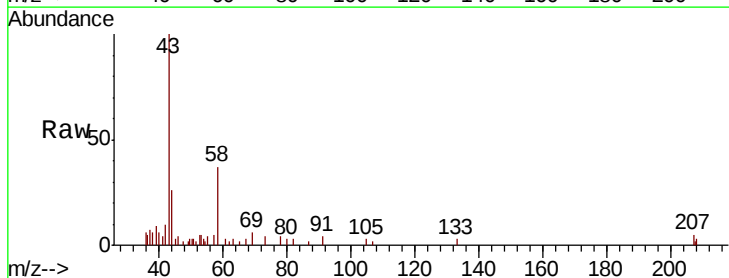
Acq: 26 May 2020 15:32

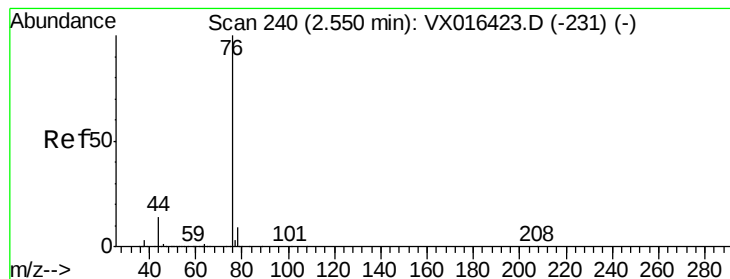
Tgt Ion: 43 Resp: 4509

Ion Ratio Lower Upper

43 100

58 38.7 26.0 39.0





#17

Carbon Disulfide

Concen: 1.697 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

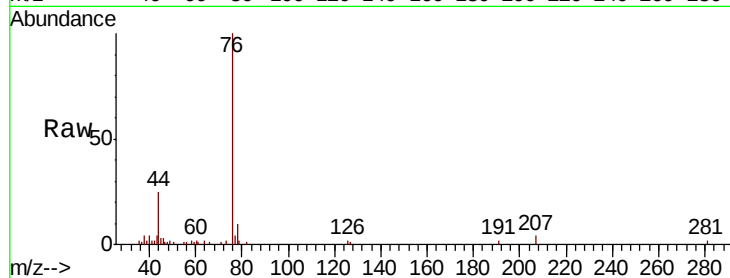
VSTDIC001

Tot Ion: 76 Resp: 7765

Ion Ratio Lower Upper

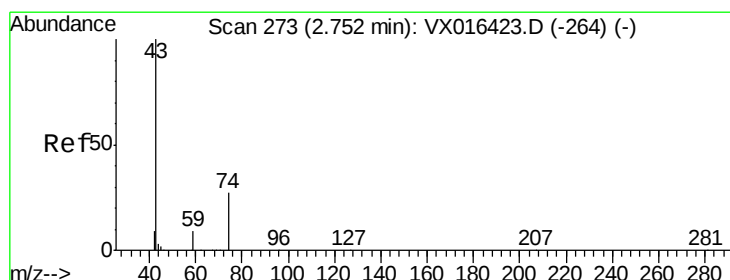
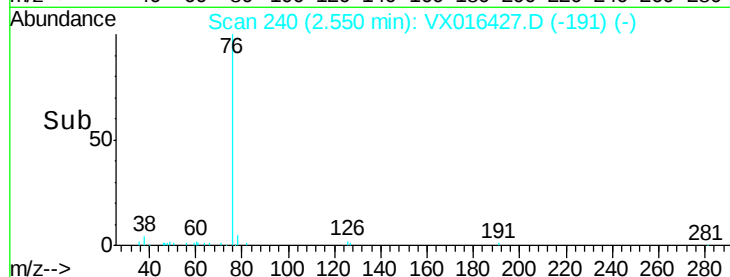
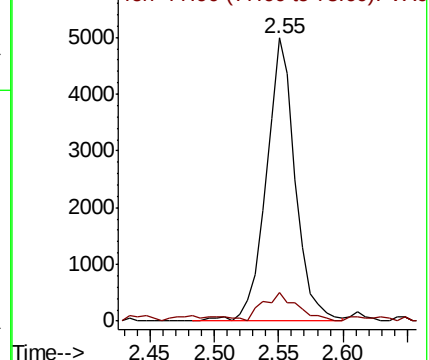
76 100

78 10.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.421 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016427.D

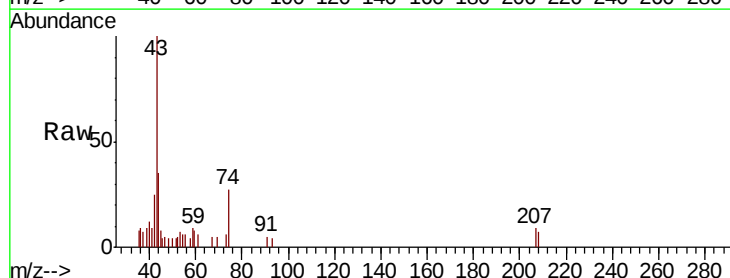
Acq: 26 May 2020 15:32

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

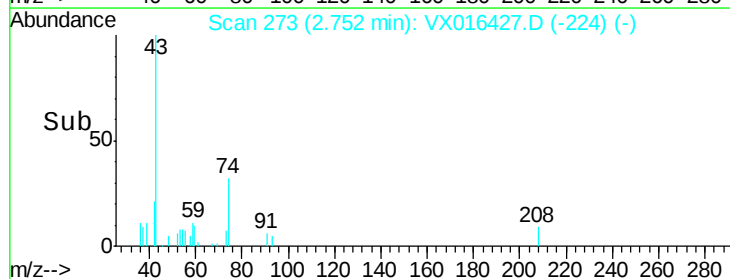
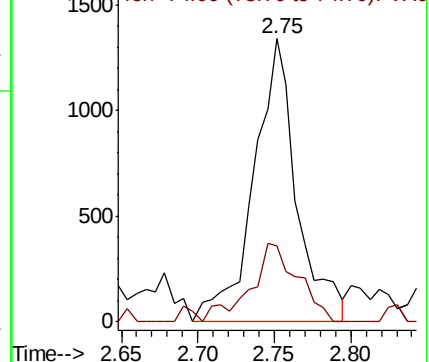
43 100

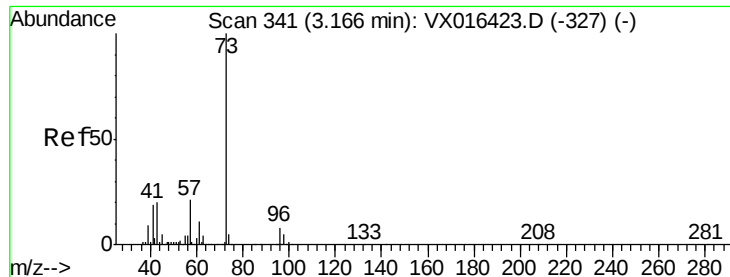
74 30.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

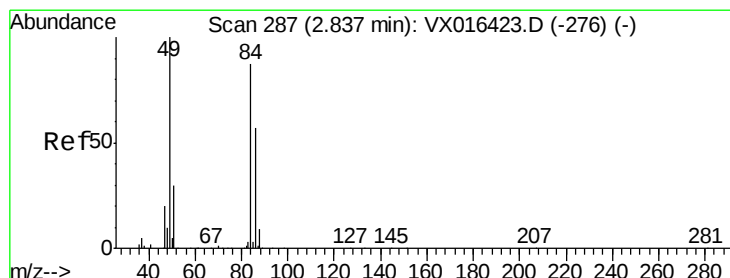
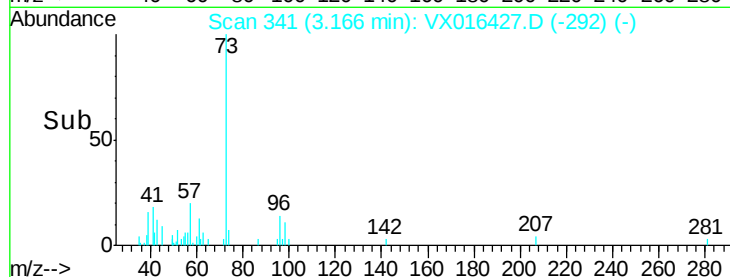
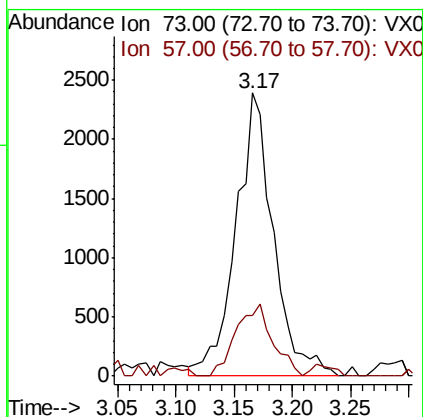
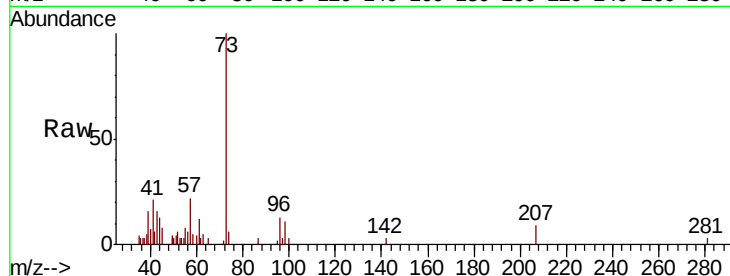




#19
Methyl tert-butyl Ether
Concen: 1.152 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

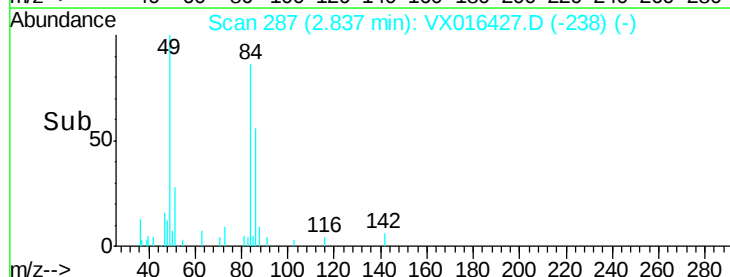
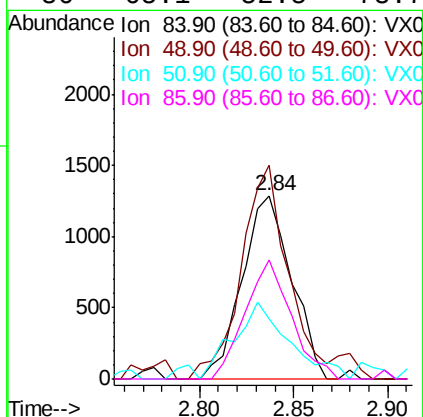
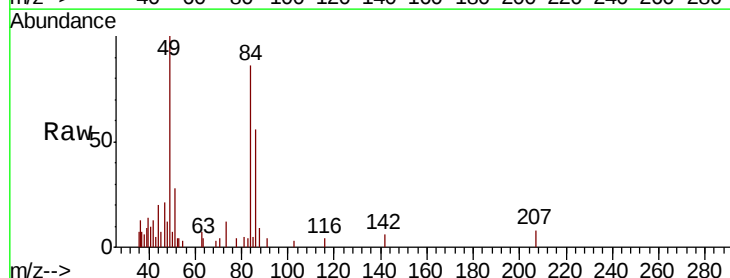
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC001

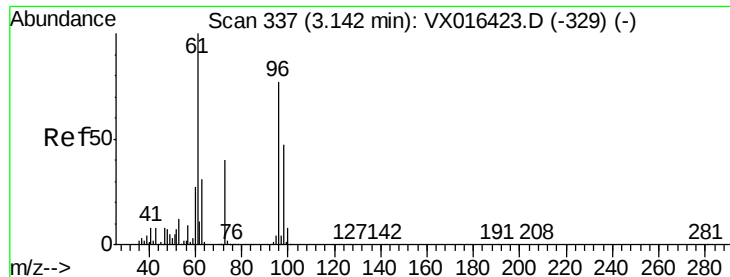
Tot Ion: 73 Resp: 5378
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9



#20
Methylene Chloride
Concen: 1.486 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 84 Resp: 2339
Ion Ratio Lower Upper
84 100
49 116.4 92.2 138.4
51 26.4 27.8 41.8#
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 1.472 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

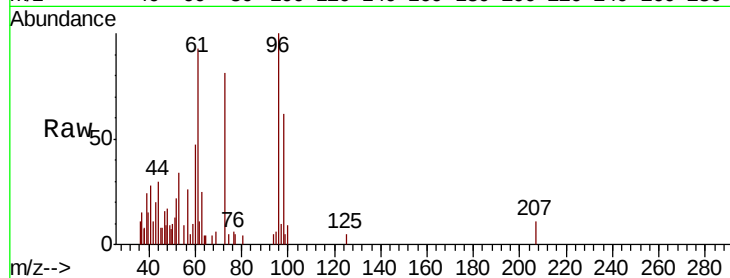
Tot Ion: 96 Resp: 2240

Ion Ratio Lower Upper

96 100

61 87.4 104.3 156.5#

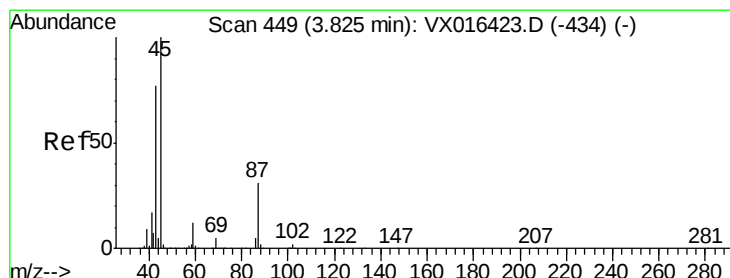
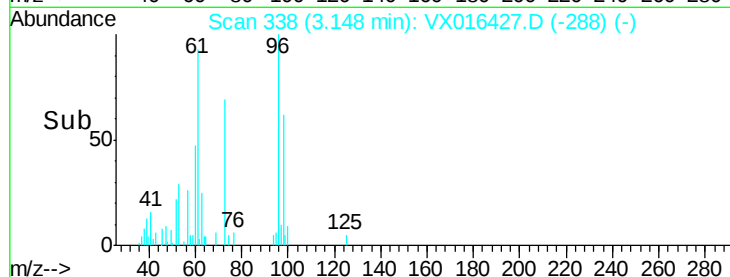
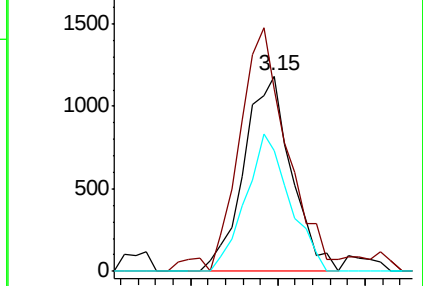
98 62.1 49.4 74.0



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: 1.084 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion: 45 Resp: 5047

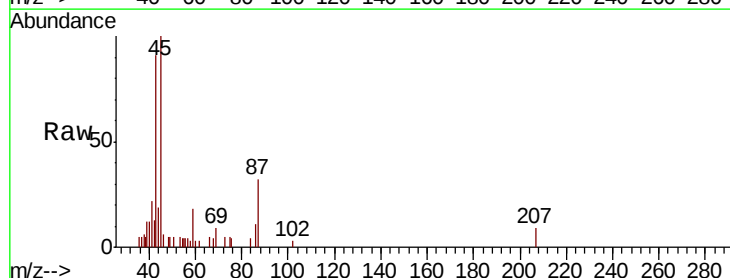
Ion Ratio Lower Upper

45 100

43 84.6 61.4 92.2

87 32.1 24.4 36.6

59 14.6 9.4 14.2#

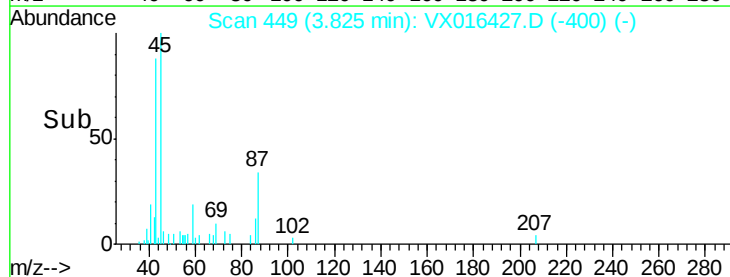
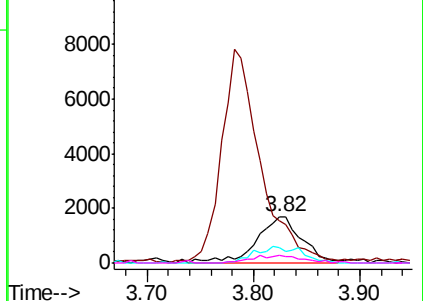


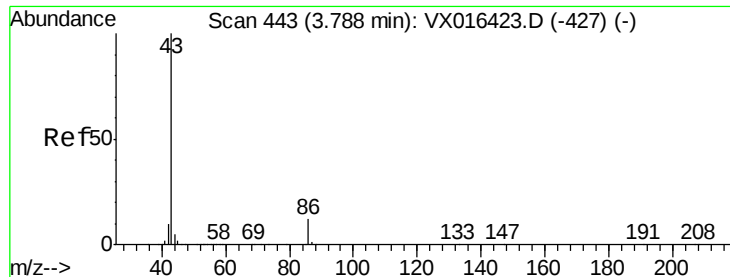
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.928 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

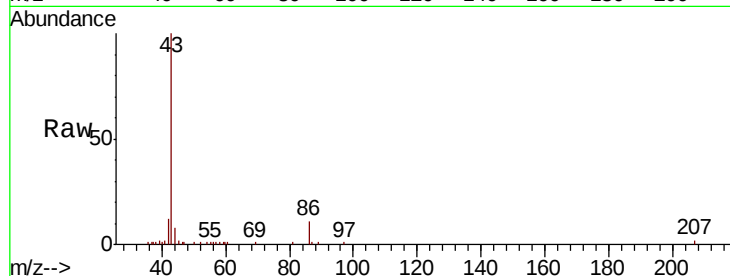
VSTDIC001

Tot Ion: 43 Resp: 20153

Ion Ratio Lower Upper

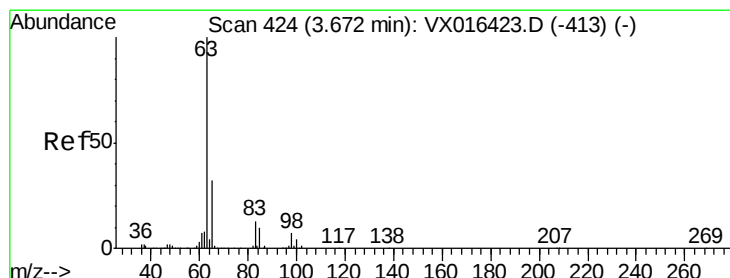
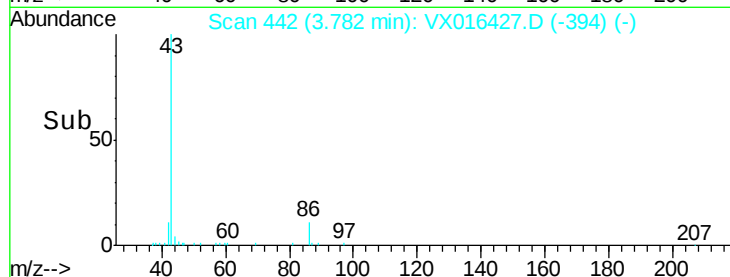
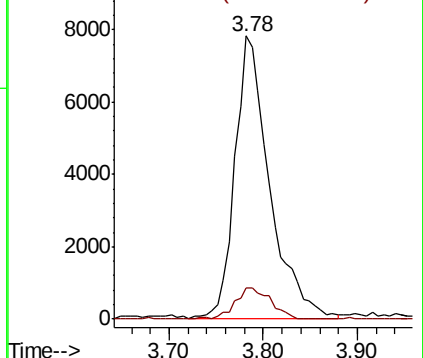
43 100

86 10.8 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: 1.211 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

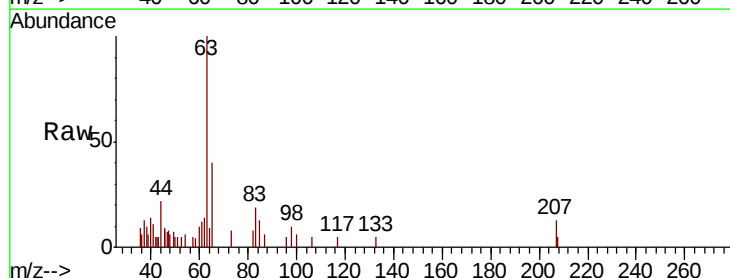
Tgt Ion: 63 Resp: 3176

Ion Ratio Lower Upper

63 100

98 9.8 3.6 10.8

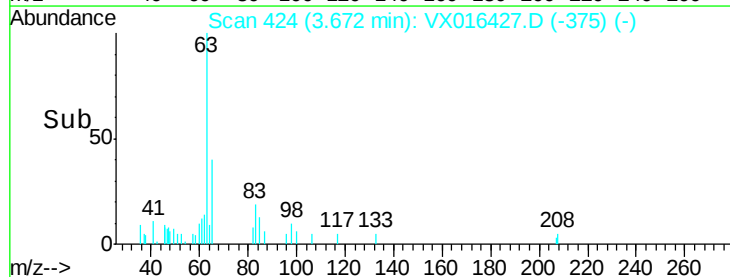
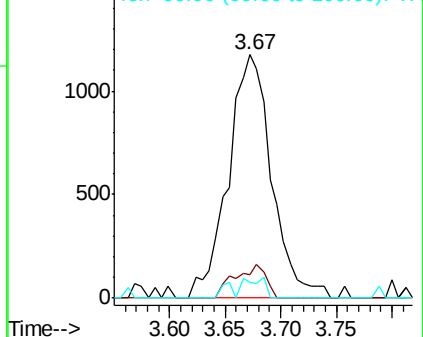
100 6.3 2.1 6.5

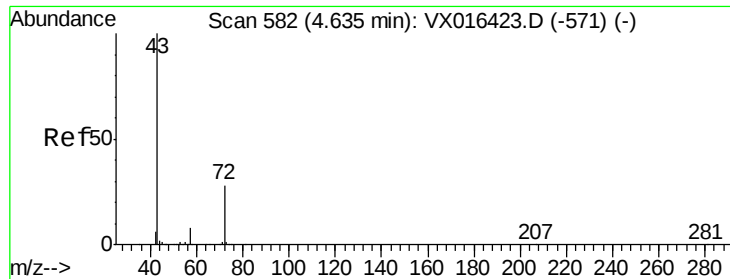


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

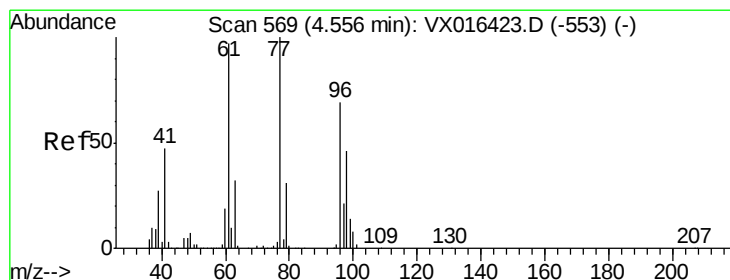
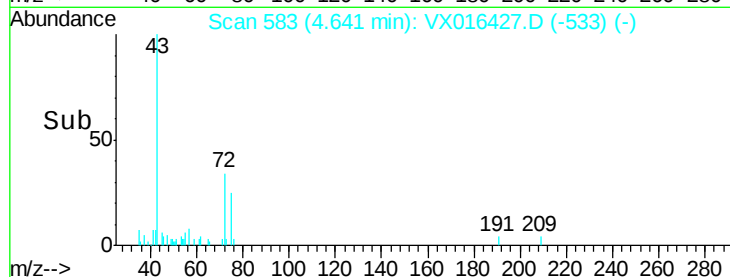
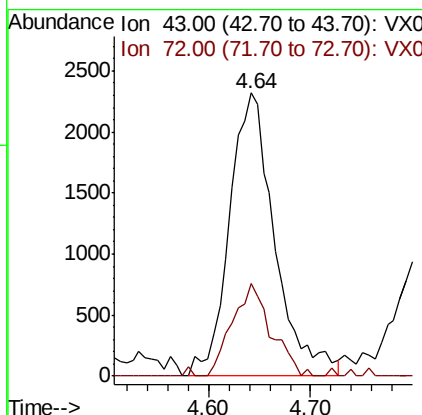
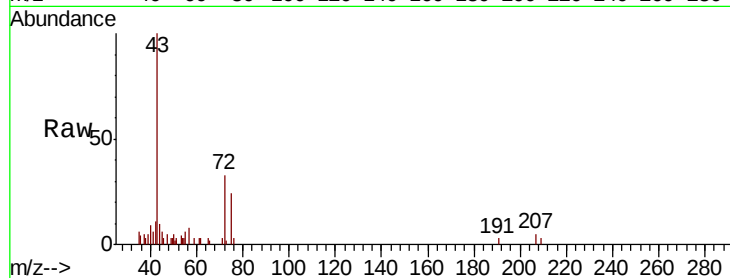




#25
2-Butanone
Concen: 5.848 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

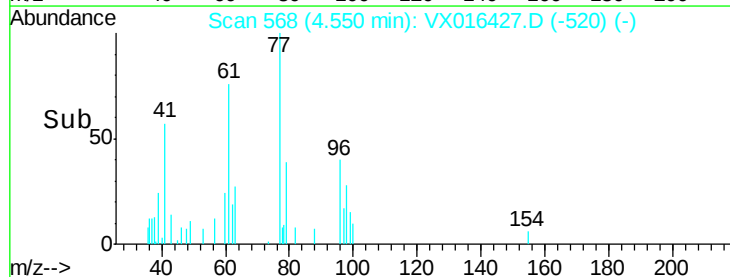
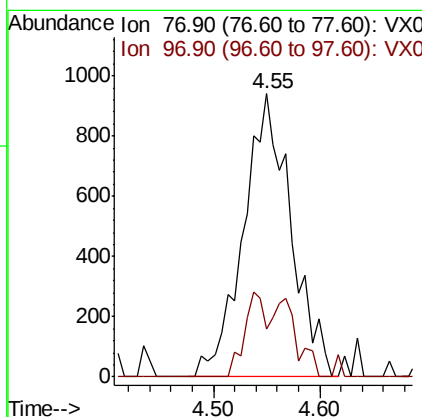
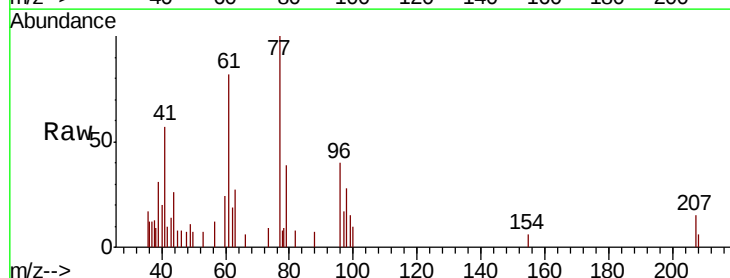
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

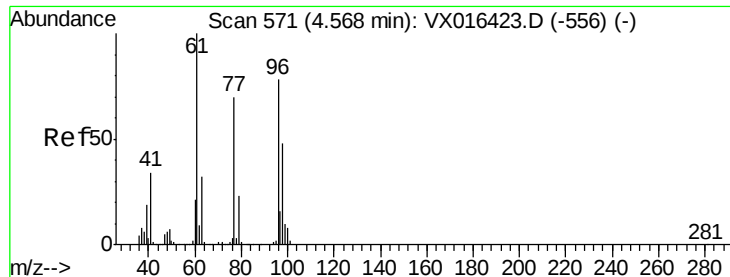
Tot Ion: 43 Resp: 7133
Ion Ratio Lower Upper
43 100
72 32.7 22.7 34.1



#26
2,2-Dichloropropane
Concen: 1.222 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 77 Resp: 2933
Ion Ratio Lower Upper
77 100
97 13.2 11.5 34.5



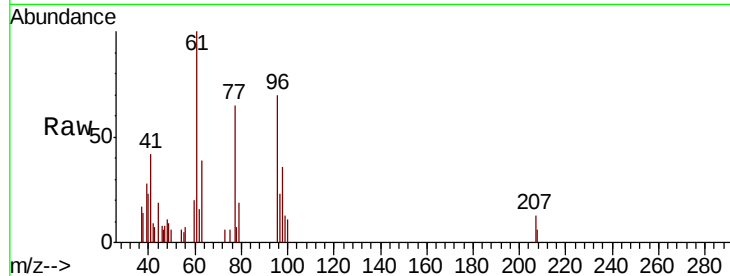


#27

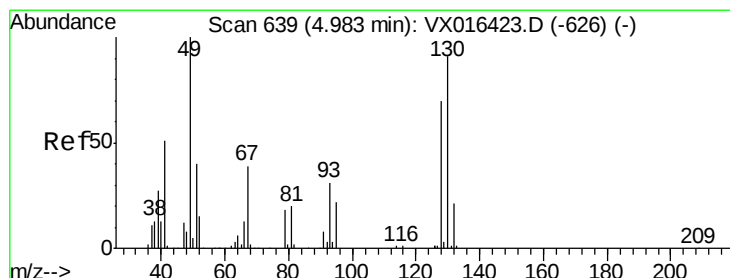
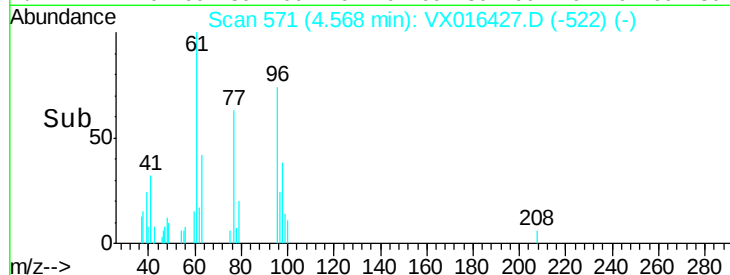
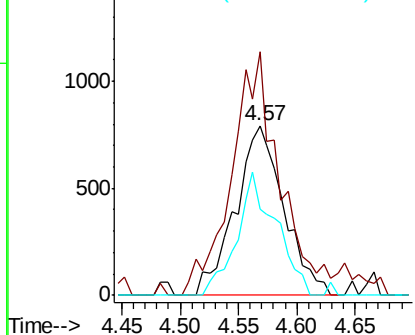
cis-1,2-Dichloroethene
Concen: 1.378 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	271.0
98	58.4	0.0	127.6



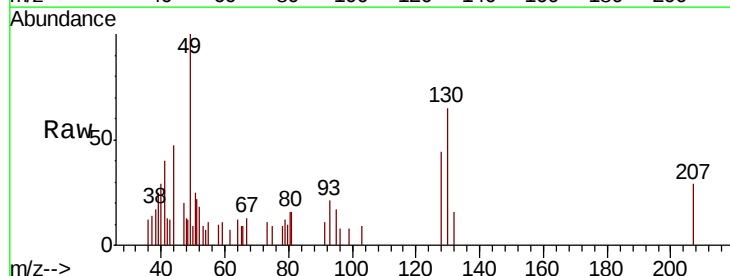
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



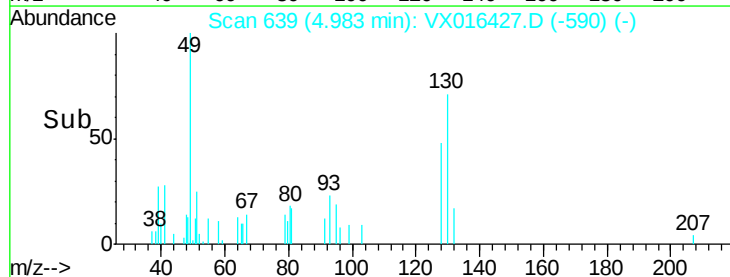
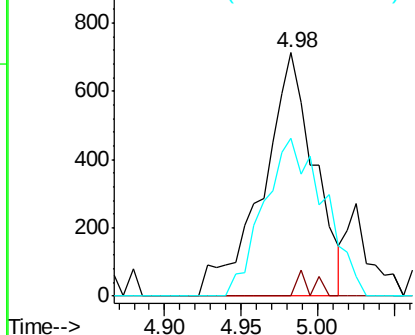
#28

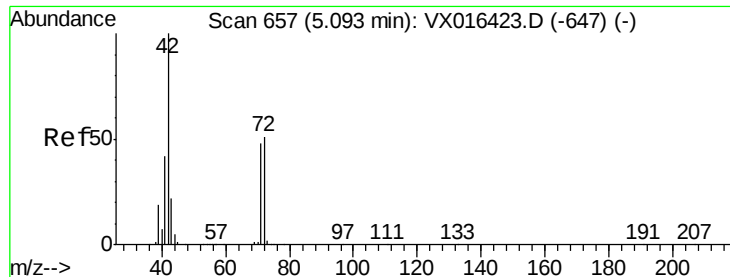
Bromochloromethane
Concen: 1.394 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	76.0	71.2	106.8



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





#29

Tetrahydrofuran

Concen: 5.546 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

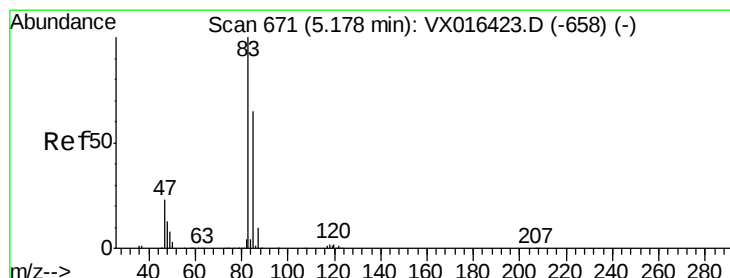
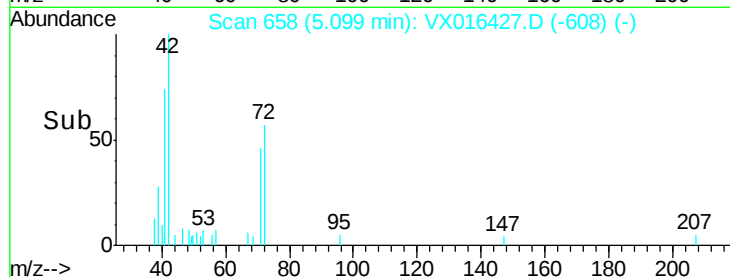
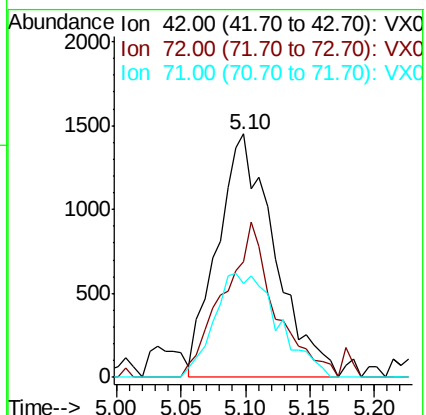
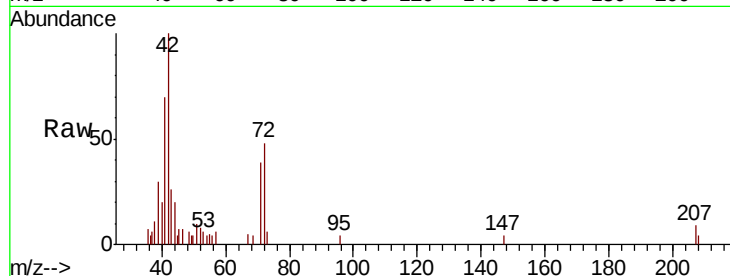
Tot Ion: 42 Resp: 4476

Ion Ratio Lower Upper

42 100

72 57.2 40.2 60.4

71 47.6 37.7 56.5



#30

Chloroform

Concen: 1.183 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016427.D

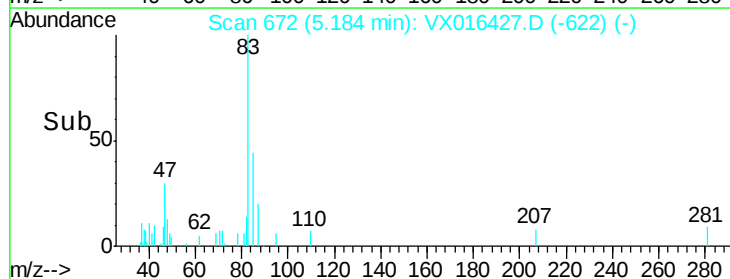
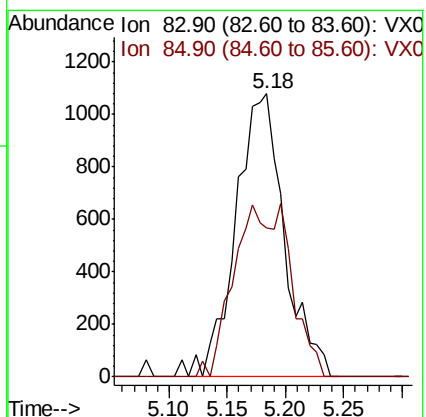
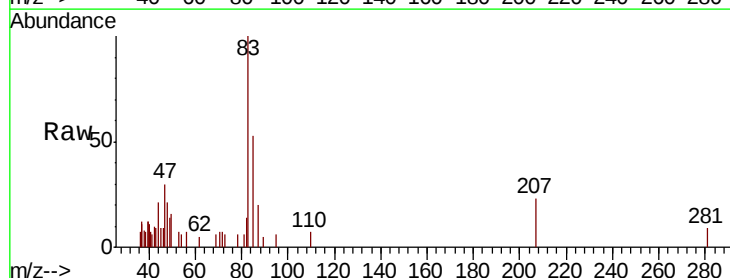
Acq: 26 May 2020 15:32

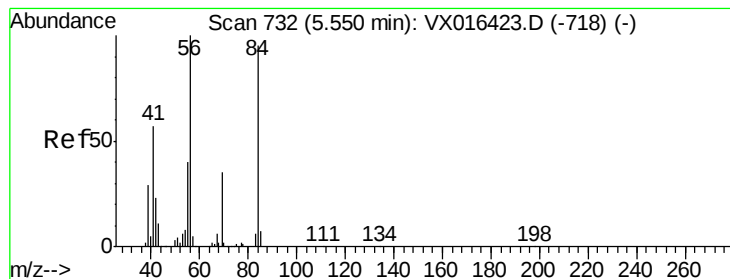
Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

83 100

85 52.8 52.1 78.1





#31

Cyclohexane

Concen: 1.229 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

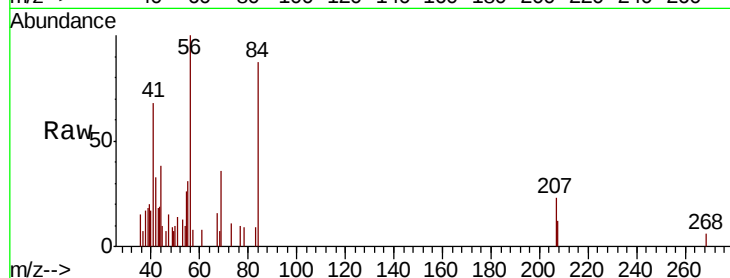
Tot Ion: 56 Resp: 2879

Ion Ratio Lower Upper

56 100

69 39.6 27.7 41.5

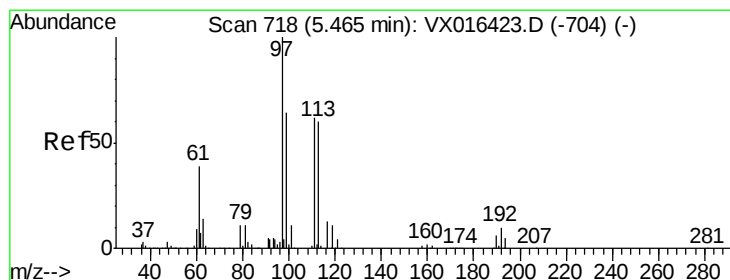
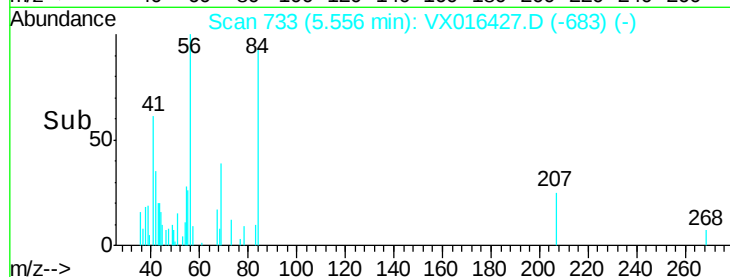
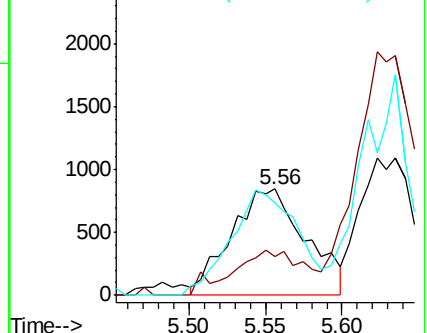
84 85.3 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 1.332 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

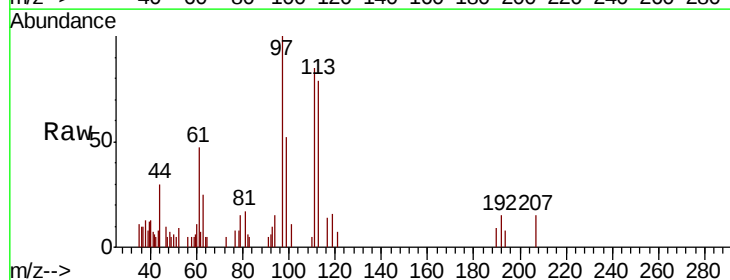
Tgt Ion: 97 Resp: 3202

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

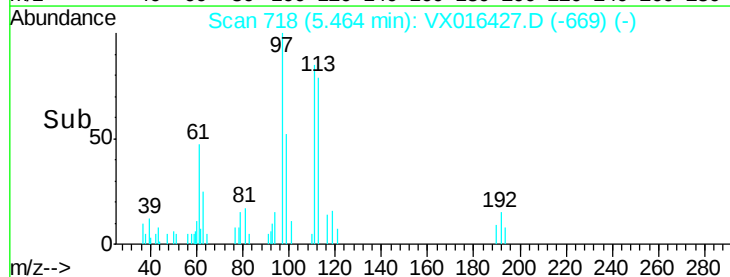
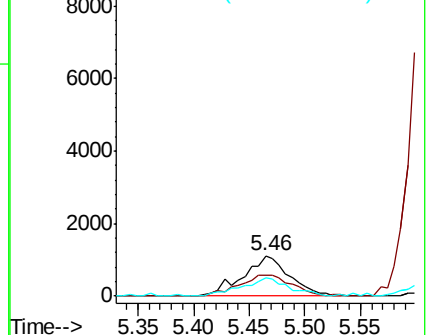
61 45.6 33.1 49.7

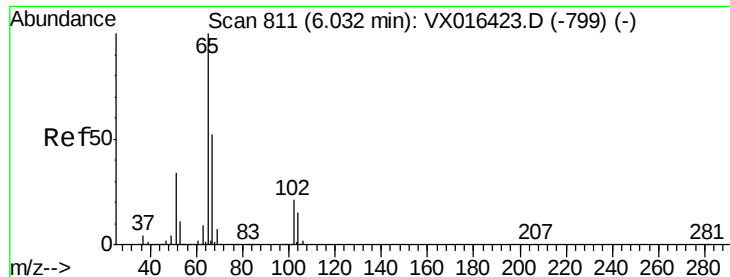


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 2.066 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

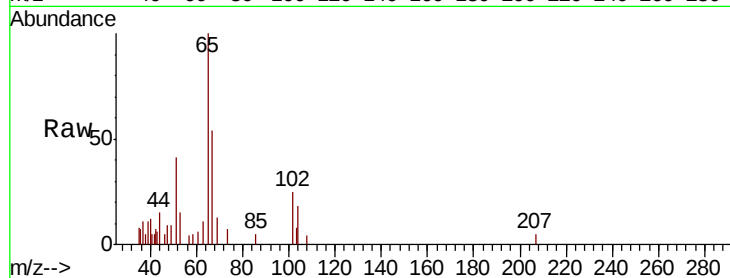
VSTDIC001

Tot Ion: 65 Resp: 3601

Ion Ratio Lower Upper

65 100

67 61.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

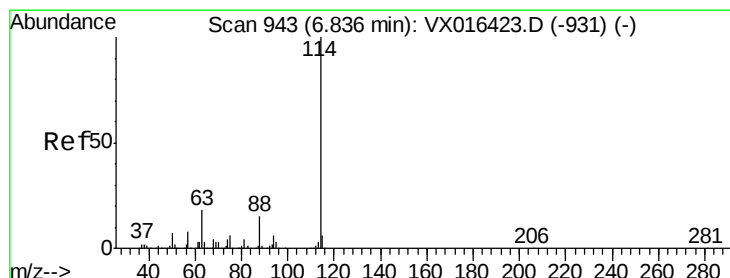
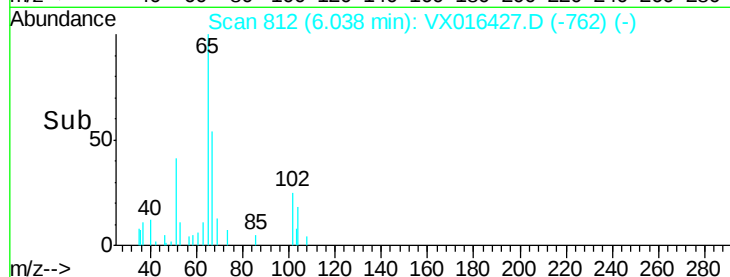
1500

1000

500

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

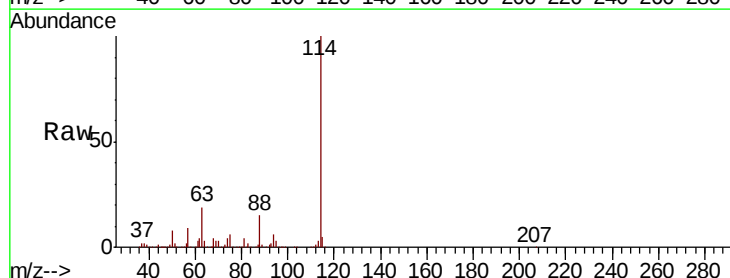
Tgt Ion: 114 Resp: 226687

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

120000

100000

80000

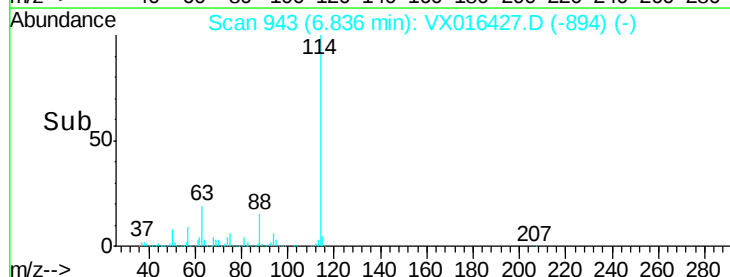
60000

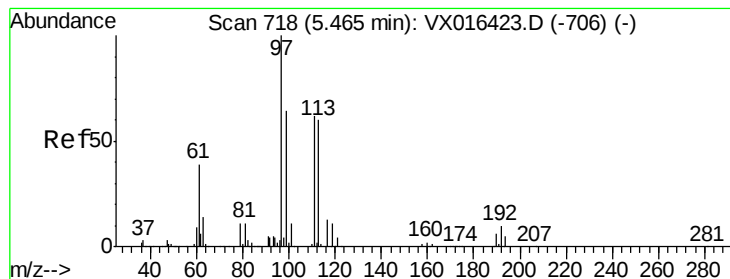
40000

20000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 1.675 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

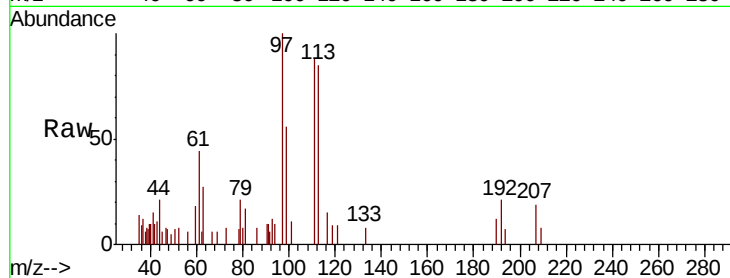
Tot Ion:113 Resp: 2434

Ion Ratio Lower Upper

113 100

111 106.5 82.5 123.7

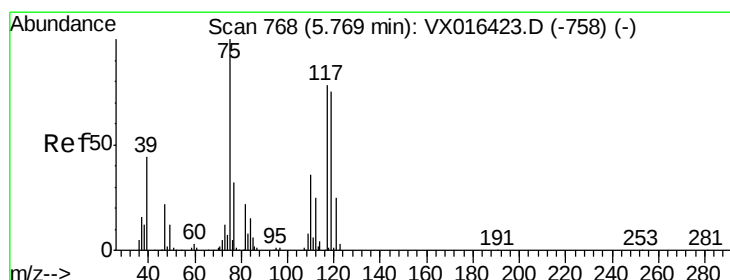
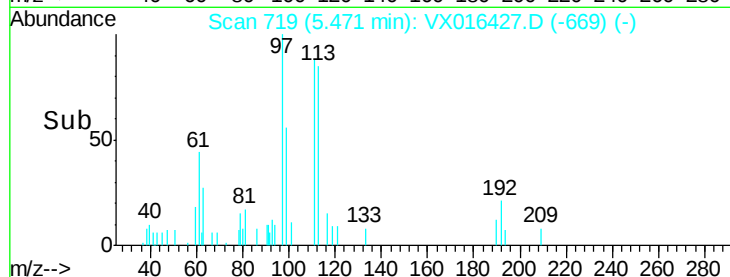
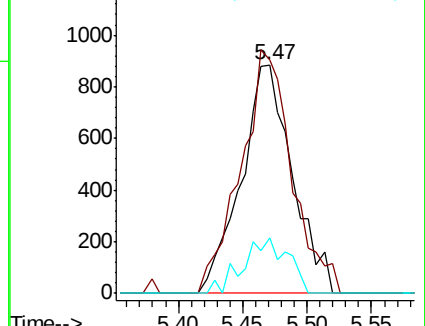
192 21.4 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.292 ug/l

RT: 5.78 min Scan# 770

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

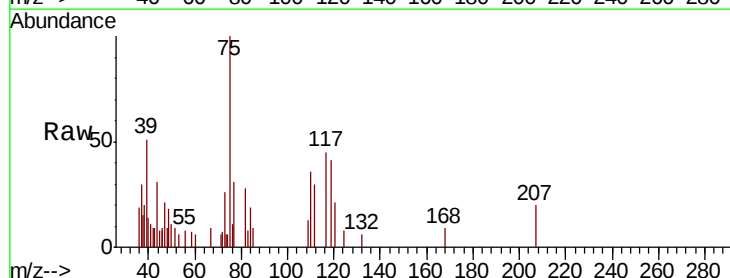
Tgt Ion: 75 Resp: 2866

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

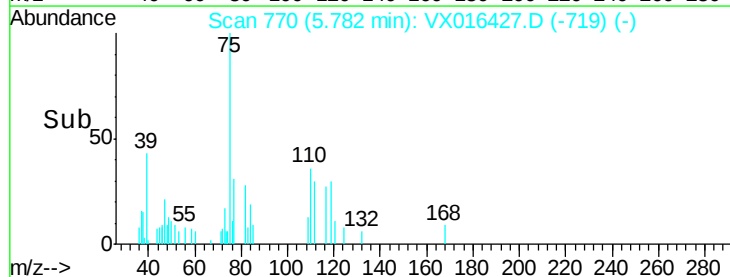
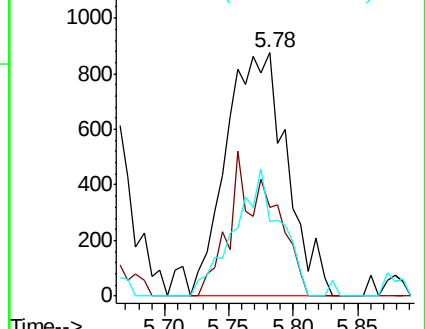
77 39.5 24.9 37.3#

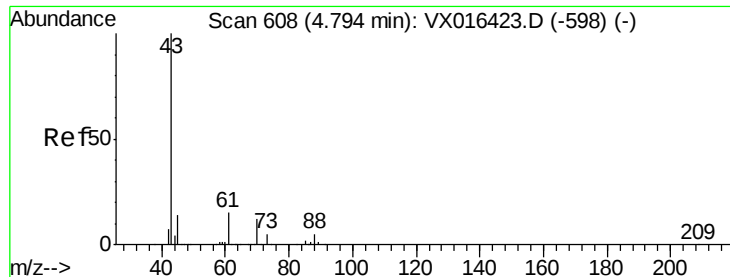


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.995 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

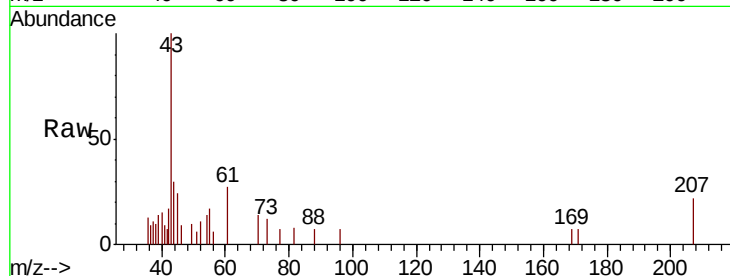
Tot Ion: 43 Resp: 2517

Ion Ratio Lower Upper

43 100

61 31.9 11.8 17.8#

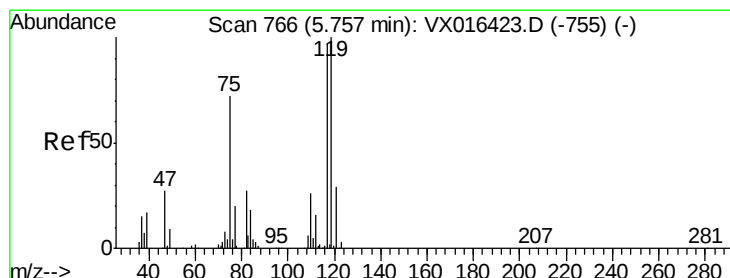
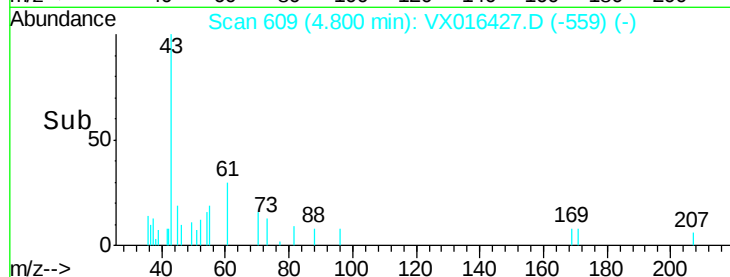
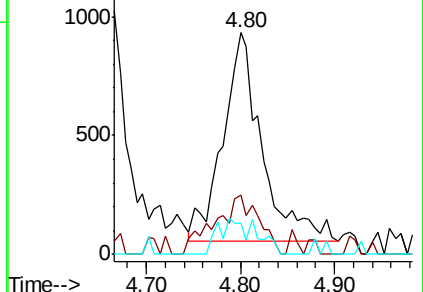
70 10.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX016427.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX016427.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX016427.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 1.172 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

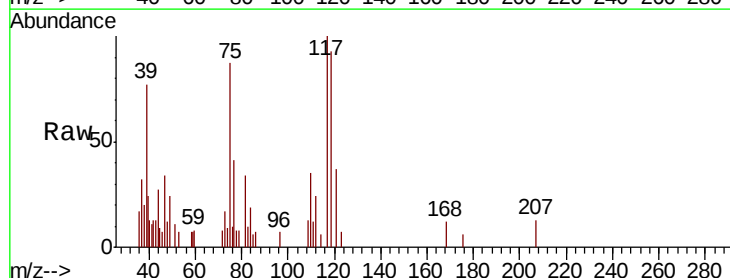
Tgt Ion: 117 Resp: 2653

Ion Ratio Lower Upper

117 100

119 93.0 82.2 123.4

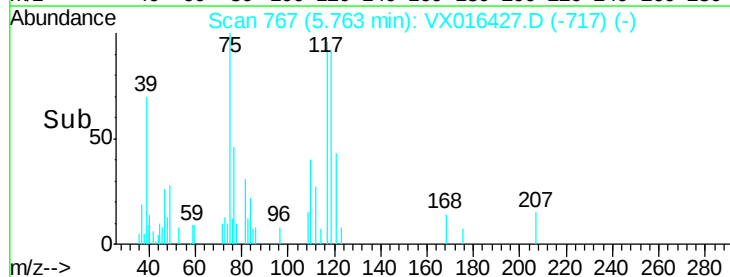
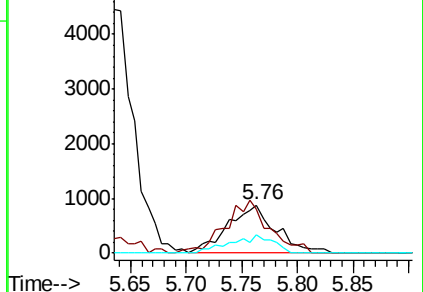
121 37.2 24.1 36.1#

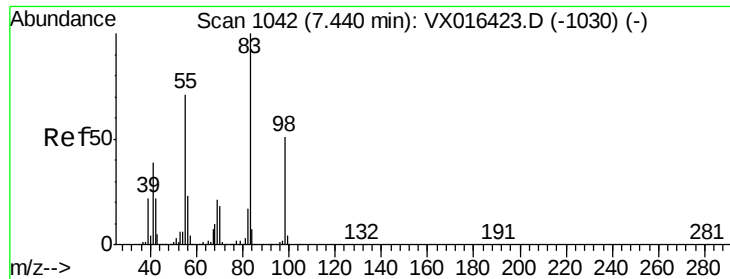


Abundance Ion 116.80 (116.50 to 117.50): VX016427.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016427.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016427.D (-717) (-)

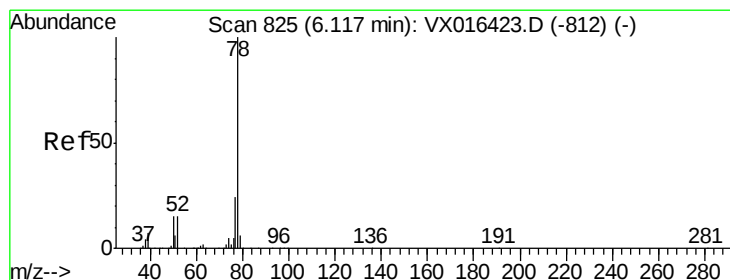
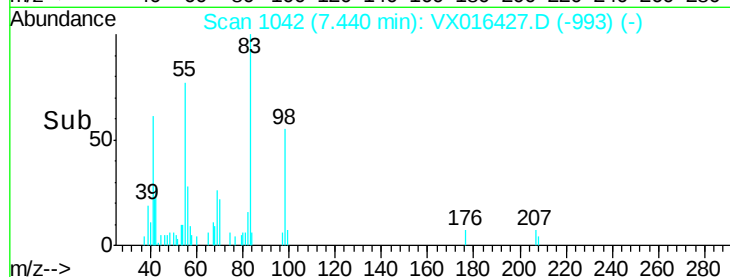
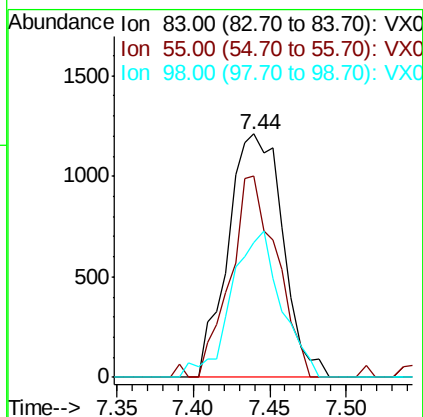
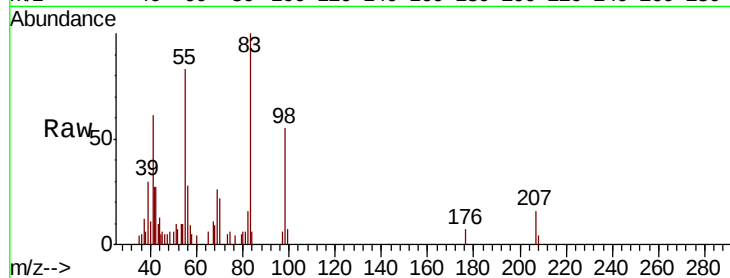




#39
Methvlcvclohexane
Concen: 1.149 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

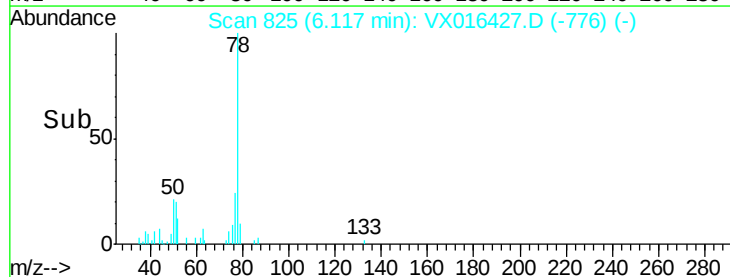
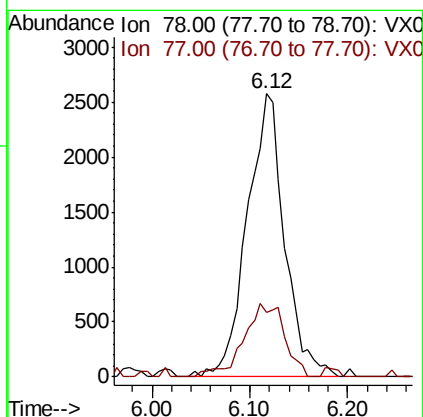
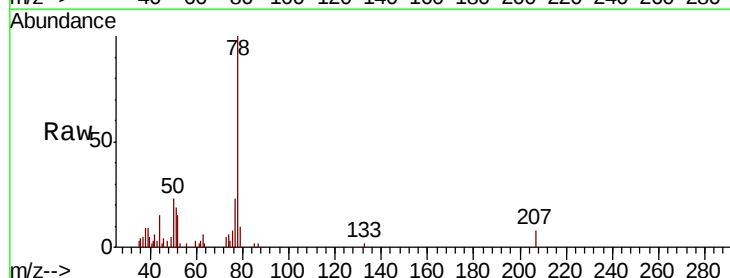
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

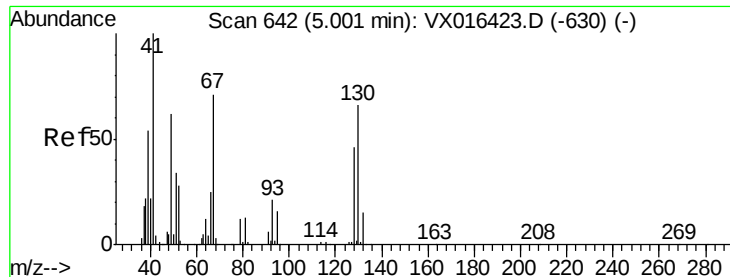
Tot Ion: 83 Resp: 3016
Ion Ratio Lower Upper
83 100
55 82.7 56.8 85.2
98 55.2 40.6 61.0



#40
Benzene
Concen: 1.049 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 78 Resp: 6819
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

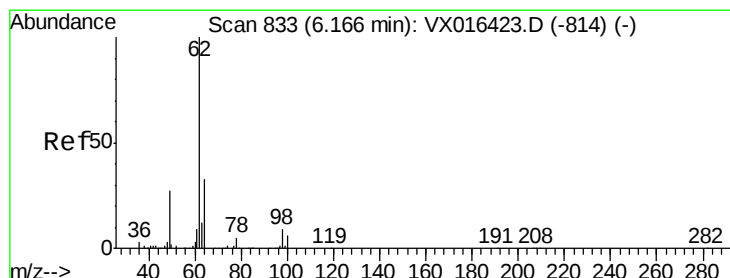
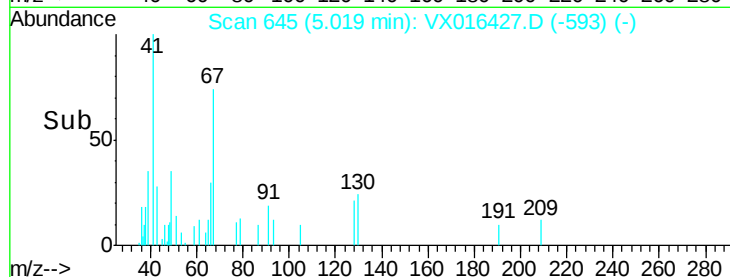
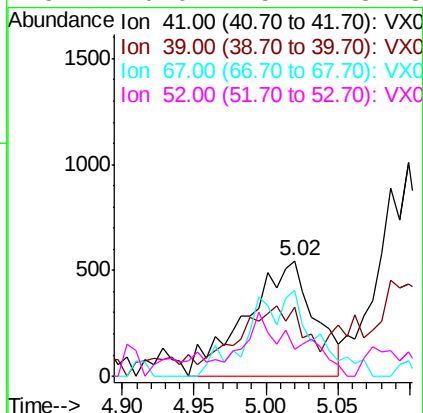
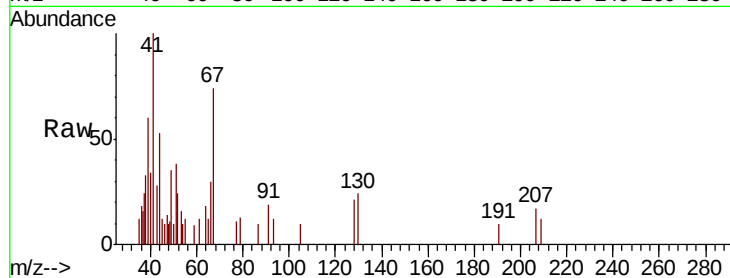




#41
Methacrylonitrile
Concen: 1.326 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.02 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

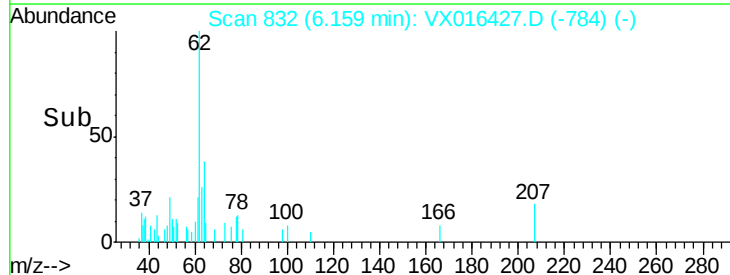
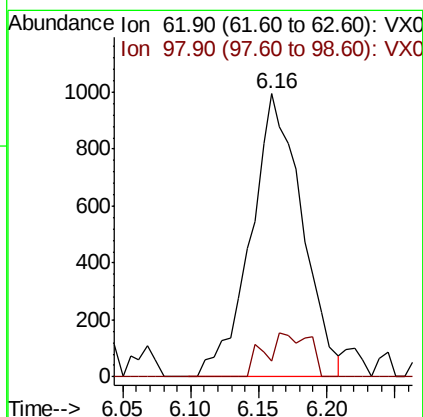
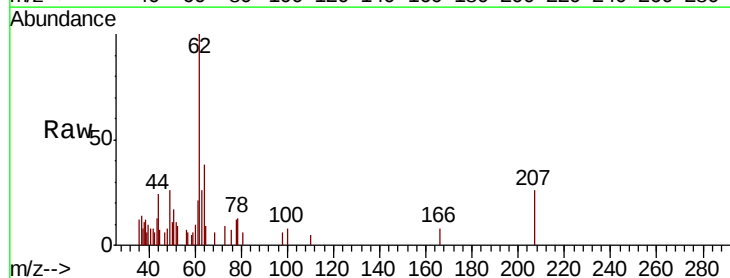
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

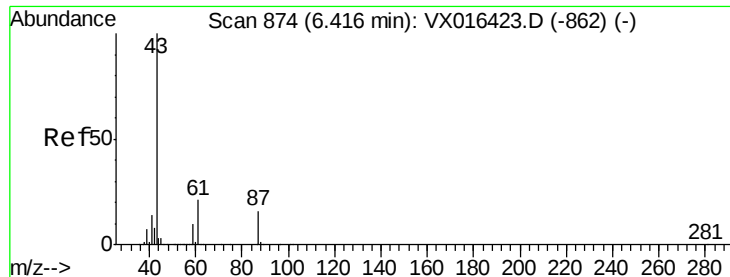
Tot Ion:	41	Resp:	1810
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.4	66.6#
67	36.5	62.2	93.4#
52	0.0	25.2	37.8#



#42
1,2-Dichloroethane
Concen: 1.117 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:	62	Resp:	2612
Ion	Ratio	Lower	Upper
62	100		
98	13.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 1.097 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

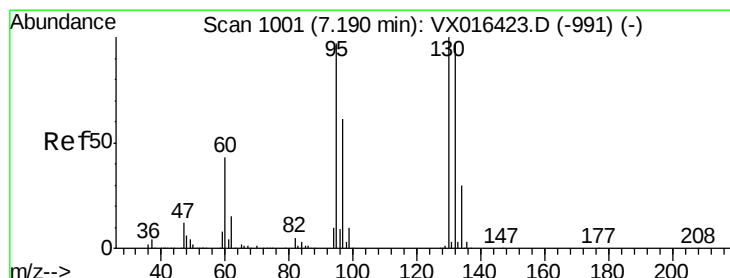
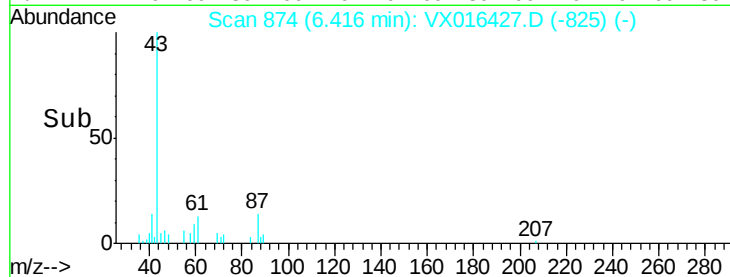
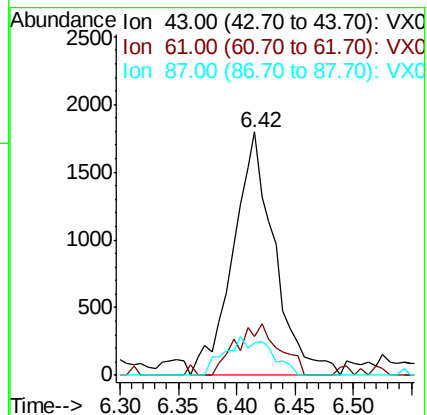
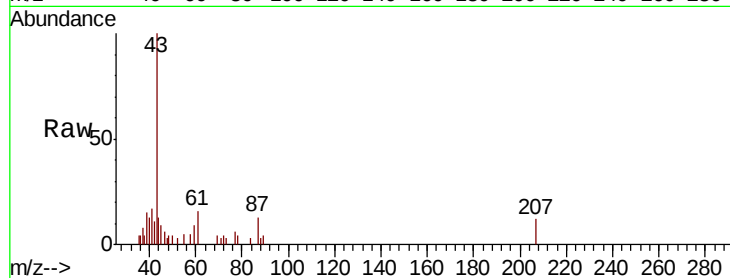
Tot Ion: 43 Resp: 4439

Ion Ratio Lower Upper

43 100

61 21.7 17.2 25.8

87 17.3 12.3 18.5



#44

Trichloroethene

Concen: 1.175 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016427.D

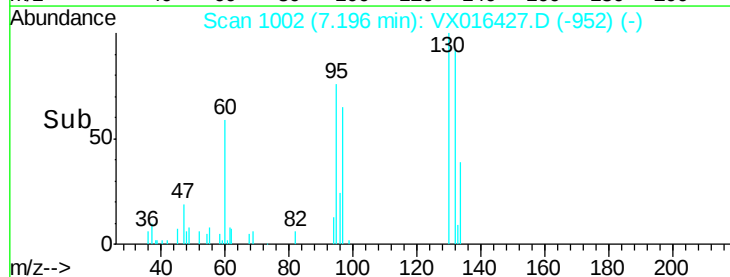
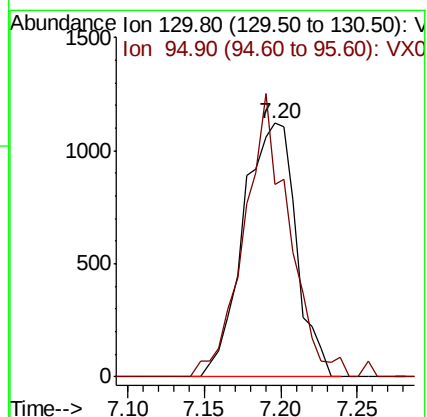
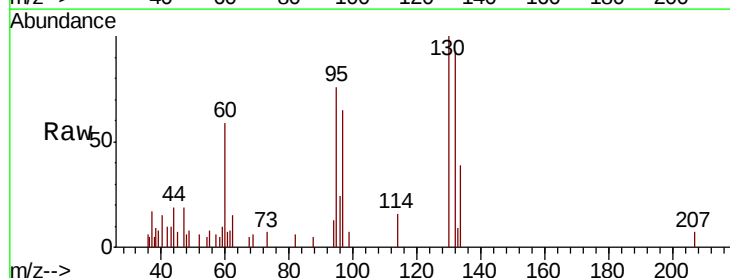
Acq: 26 May 2020 15:32

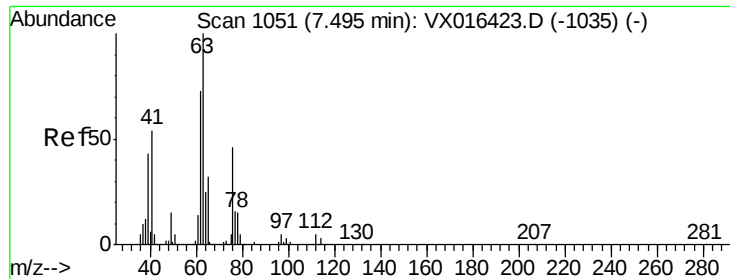
Tgt Ion: 130 Resp: 2698

Ion Ratio Lower Upper

130 100

95 75.6 0.0 194.0





#45

1,2-Dichloropropane

Concen: 1.149 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

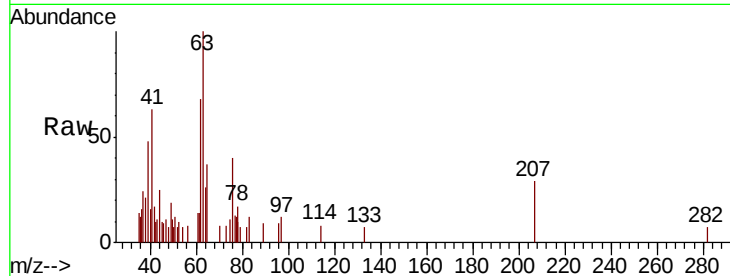
VSTDIC001

Tot Ion: 63 Resp: 1875

Ion Ratio Lower Upper

63 100

65 28.9 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.48

800

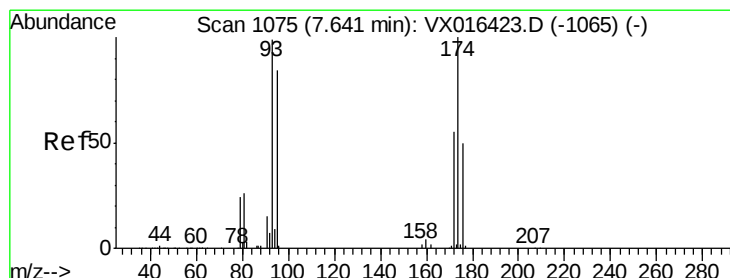
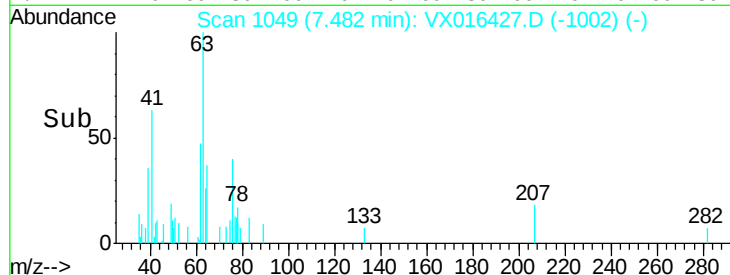
600

400

200

0

Time-->



#46

Dibromomethane

Concen: 1.188 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

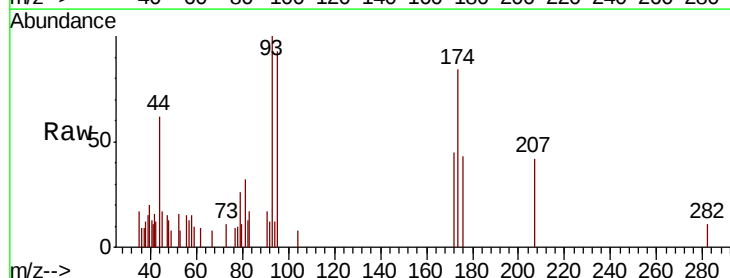
Tgt Ion: 93 Resp: 1340

Ion Ratio Lower Upper

93 100

95 95.5 65.0 97.4

174 94.6 81.4 122.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

800

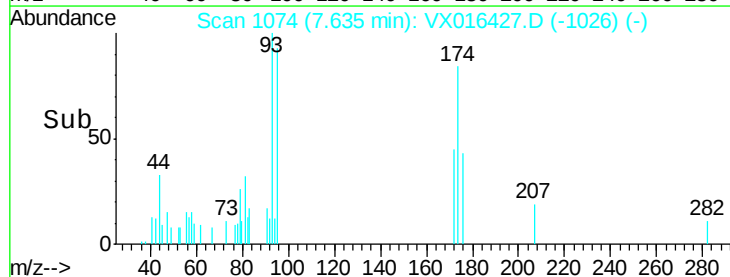
600

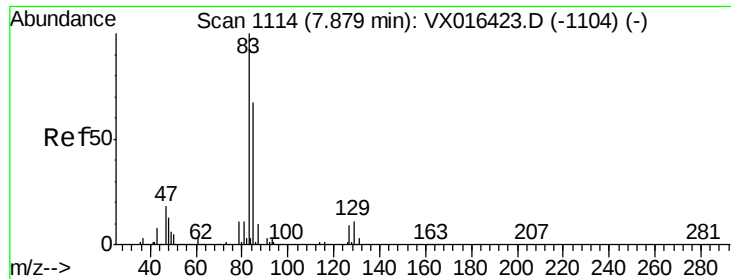
400

200

0

Time-->





#47

Bromodichloromethane

Concen: 1.092 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

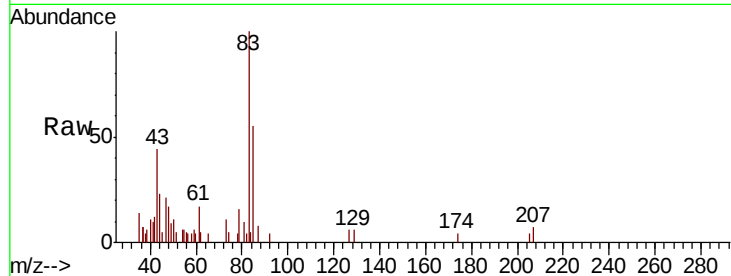
Tot Ion: 83 Resp: 2489

Ion Ratio Lower Upper

83 100

85 52.1 53.8 80.8#

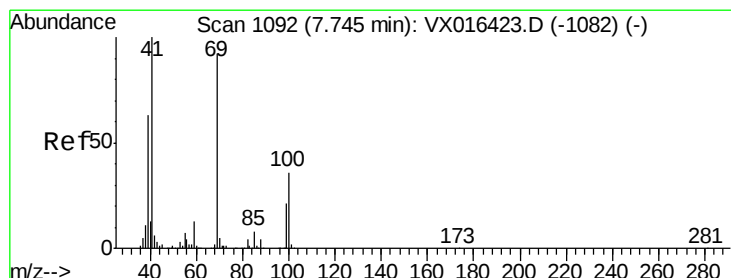
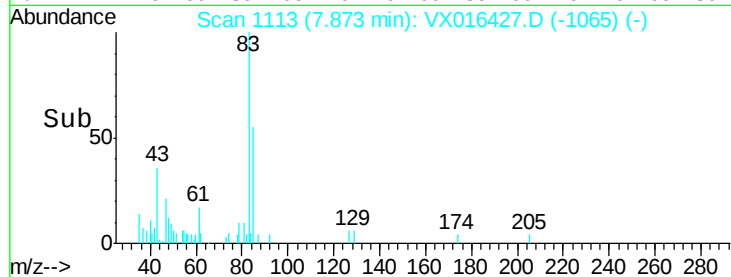
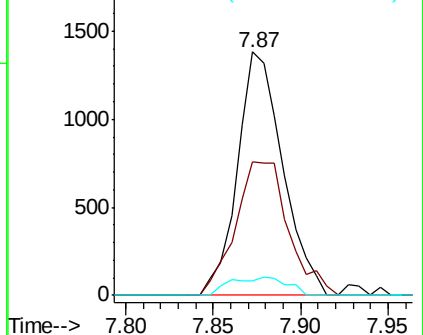
127 5.7 7.4 11.2#



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: 0.959 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

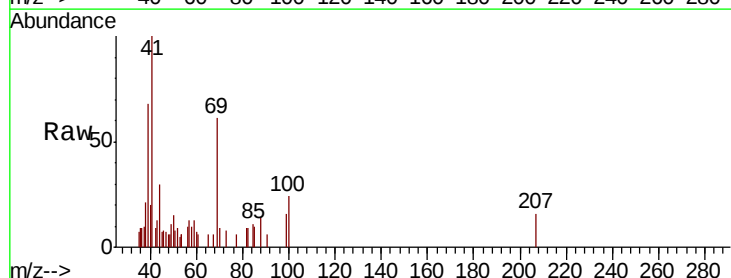
Tgt Ion: 41 Resp: 1829

Ion Ratio Lower Upper

41 100

69 97.2 71.8 107.8

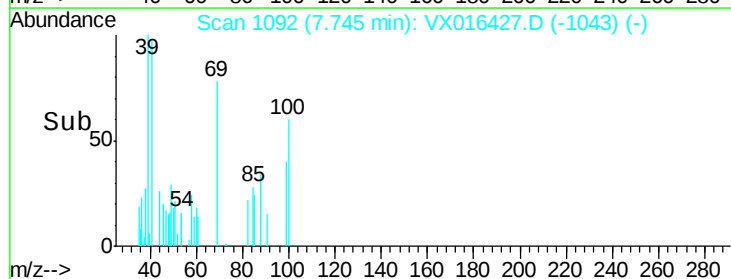
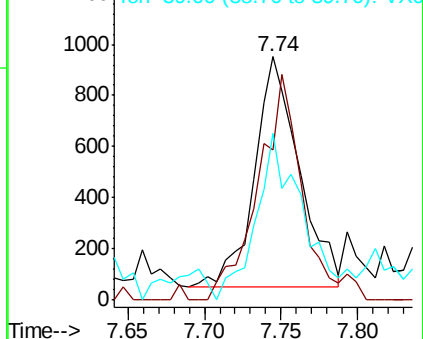
39 73.7 48.6 73.0#

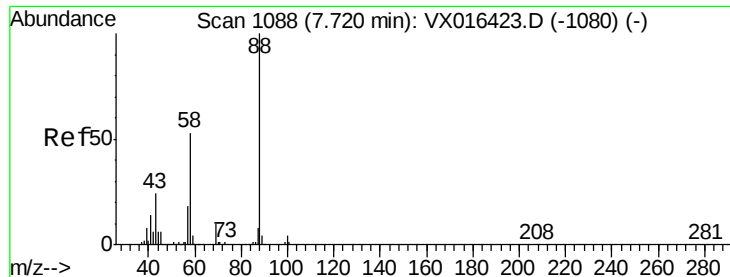


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 19.772 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

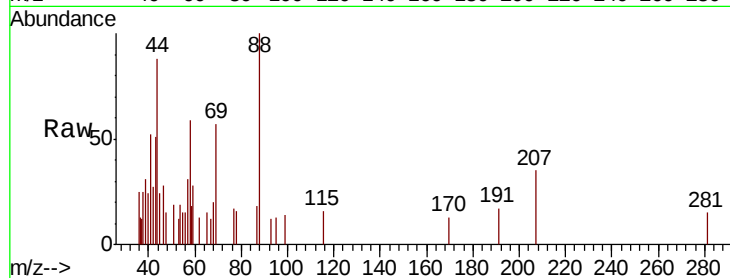
Tot Ion: 88 Resp: 918

Ion Ratio Lower Upper

88 100

43 64.2 23.0 34.6#

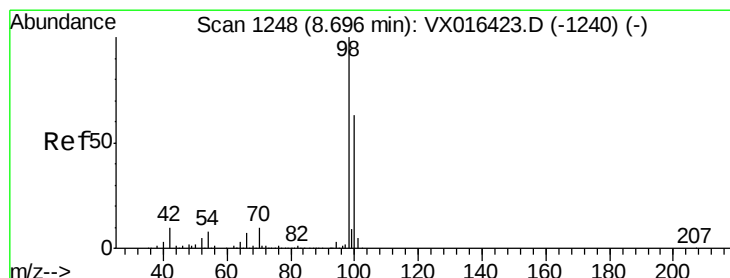
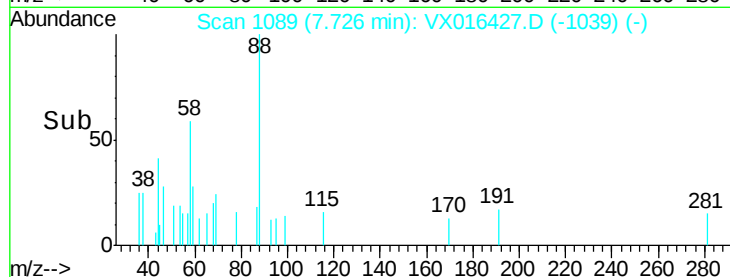
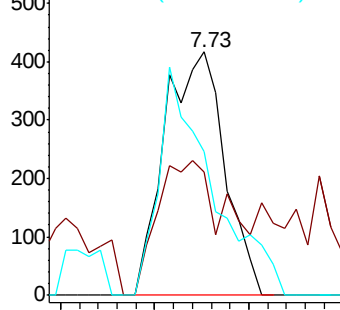
58 83.7 51.7 77.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.497 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016427.D

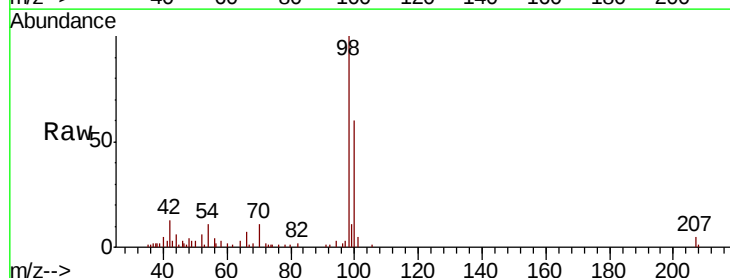
Acq: 26 May 2020 15:32

Tgt Ion: 98 Resp: 8368

Ion Ratio Lower Upper

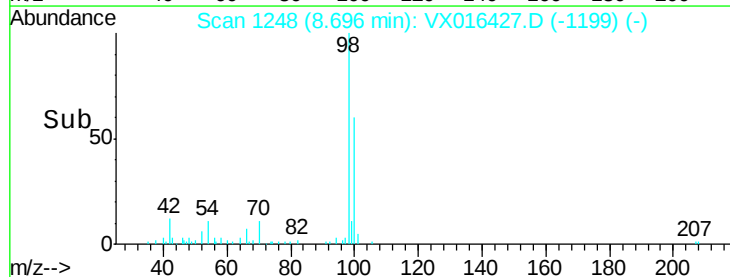
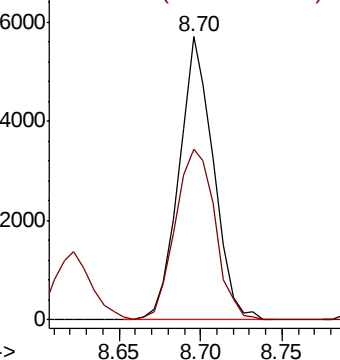
98 100

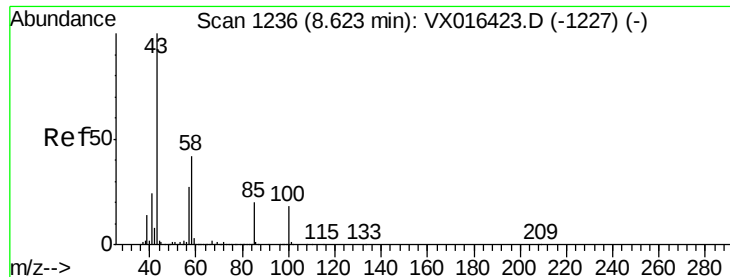
100 70.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.526 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

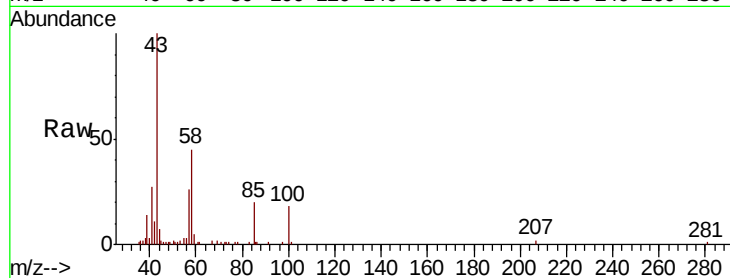
VSTDIC001

Tot Ion: 43 Resp: 11225

Ion Ratio Lower Upper

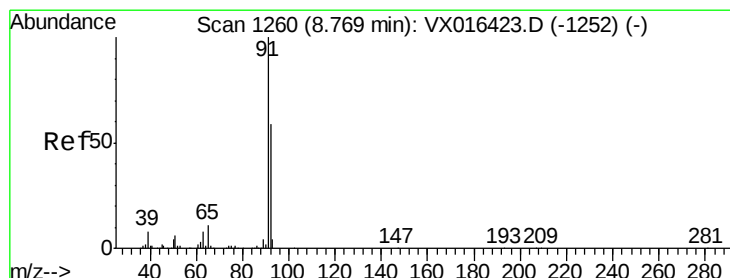
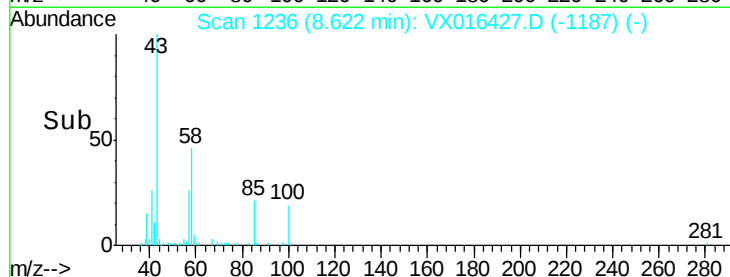
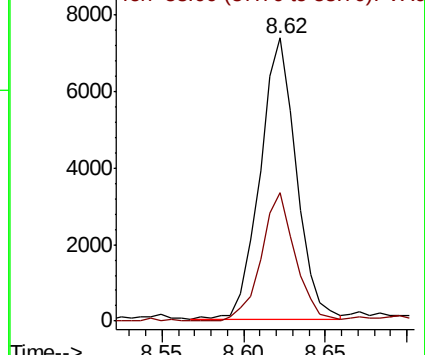
43 100

58 43.4 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.100 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016427.D

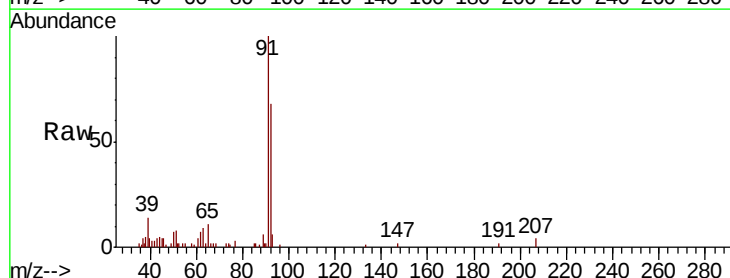
Acq: 26 May 2020 15:32

Tgt Ion: 92 Resp: 4476

Ion Ratio Lower Upper

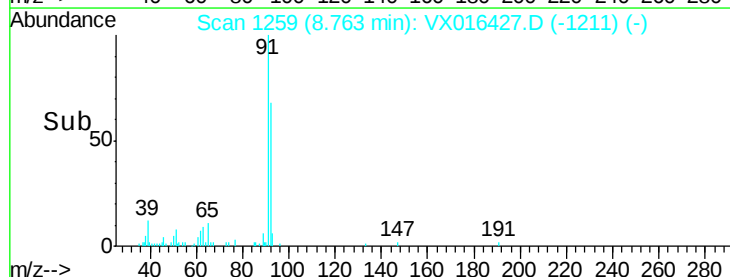
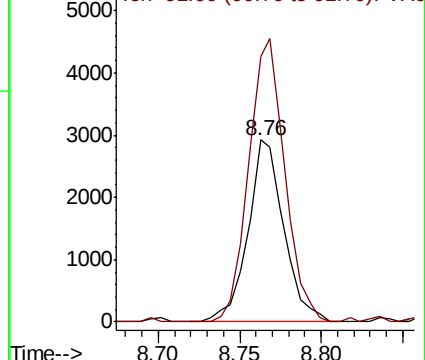
92 100

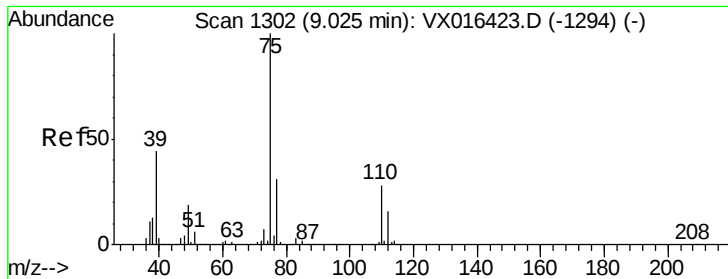
91 156.0 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

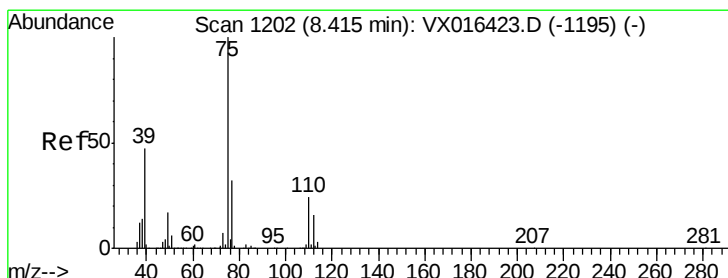
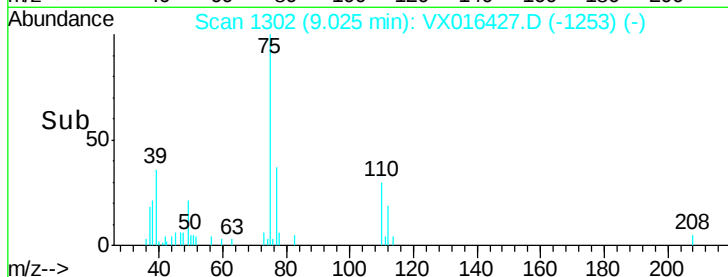
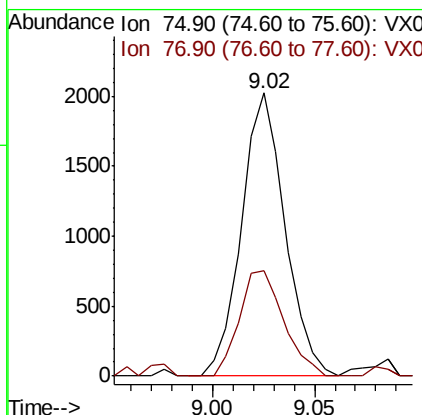
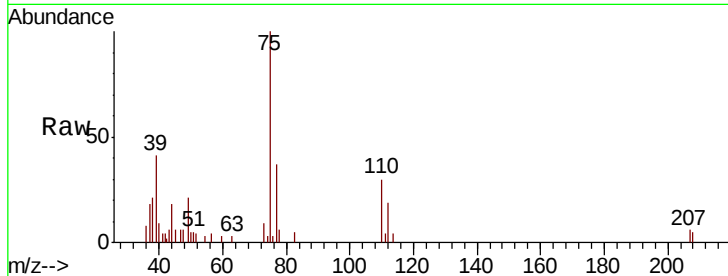




#53
 t-1,3-Dichloropropene
 Concen: 1.106 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

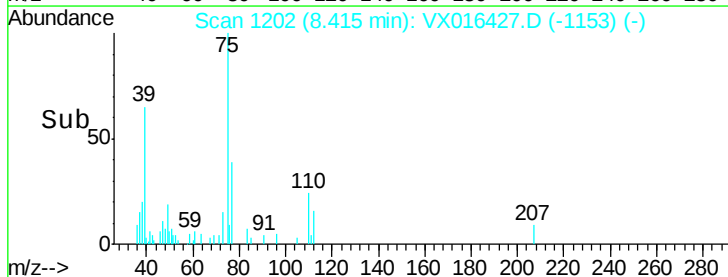
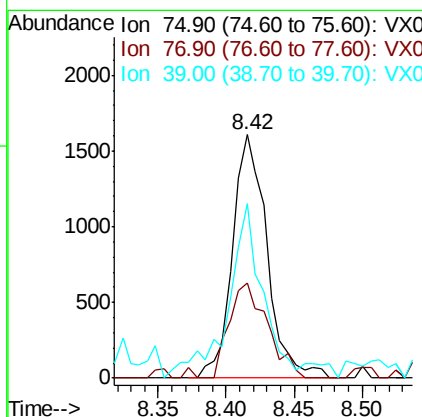
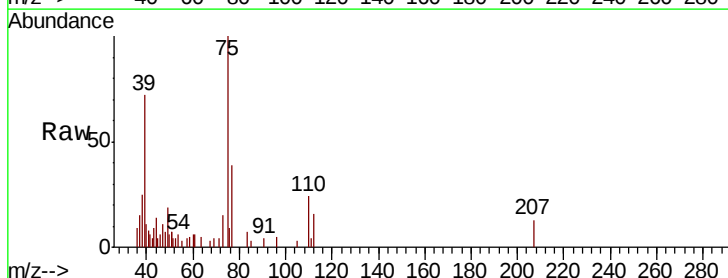
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

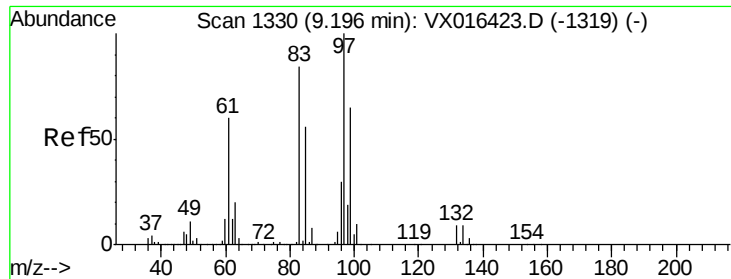
Tot Ion: 75 Resp: 2995
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 1.010 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion: 75 Resp: 2846
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.4 38.0#
 39 71.7 37.7 56.5#

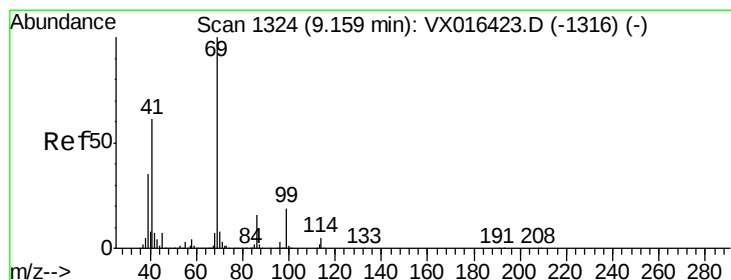
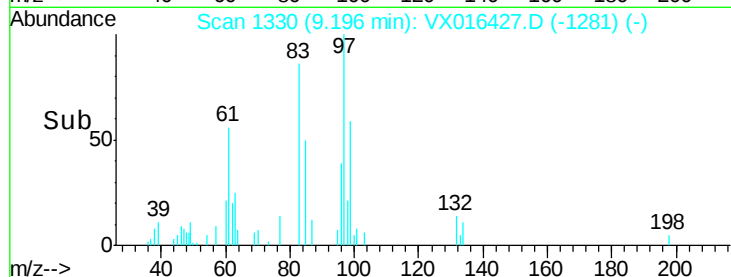
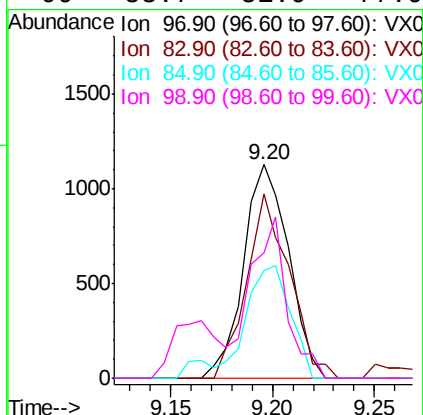
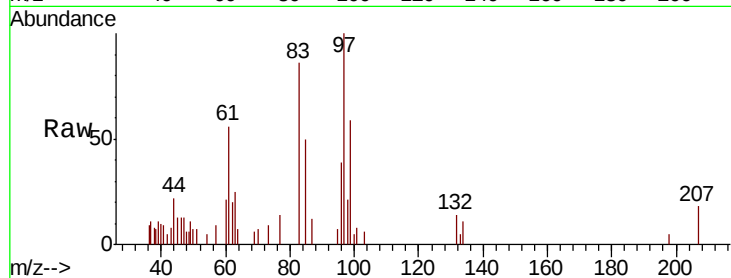




#55
 1,1,2-Trichloroethane
 Concen: 1.074 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

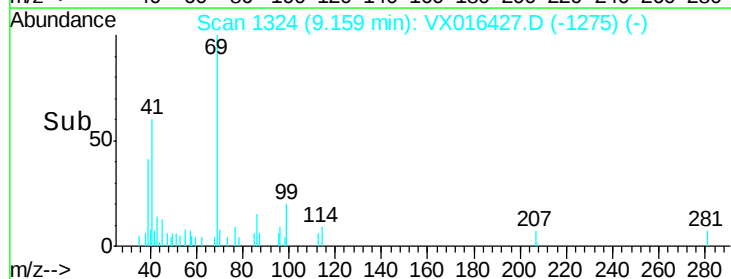
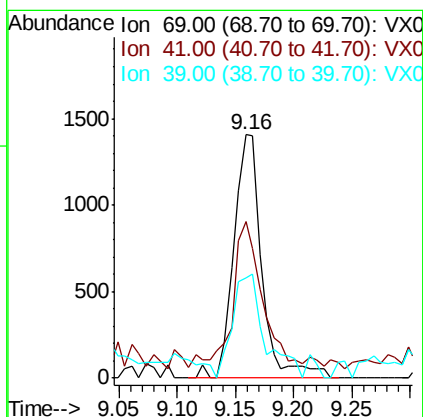
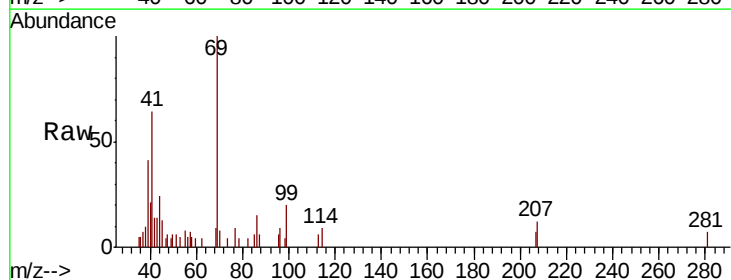
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

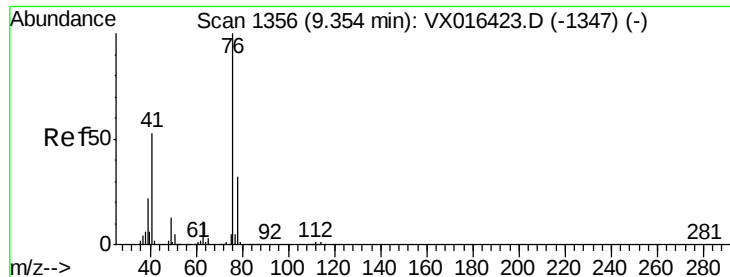
Tot Ion:	97	Resp:	1726
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.9	100.3
85	50.1	45.2	67.8
99	58.7	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 0.910 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion:	69	Resp:	2351
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.9	71.9
39	49.1	28.7	43.1#





#57

1,3-Dichloropropane

Concen: 1.187 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

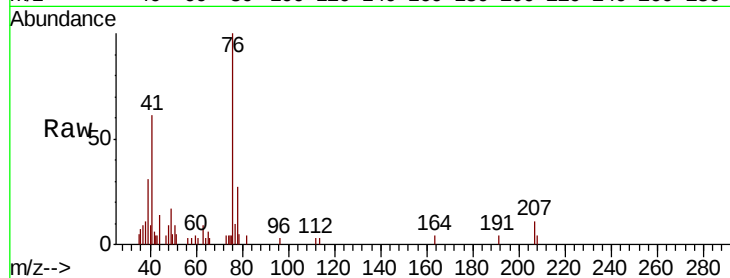
VSTDIC001

Tot Ion: 76 Resp: 3303

Ion Ratio Lower Upper

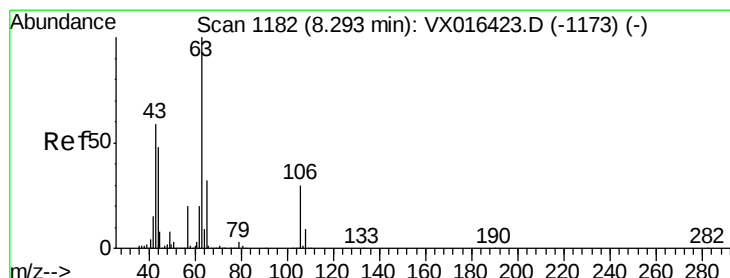
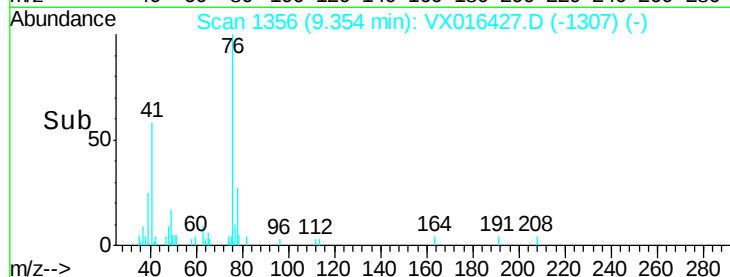
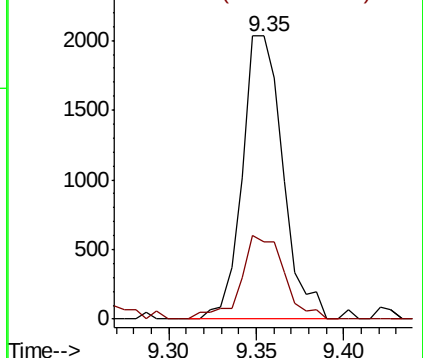
76 100

78 31.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.425 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016427.D

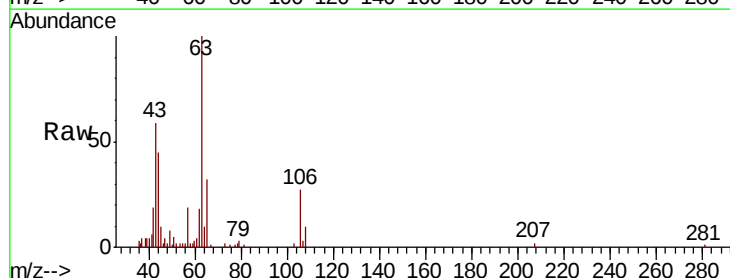
Acq: 26 May 2020 15:32

Tgt Ion: 63 Resp: 6074

Ion Ratio Lower Upper

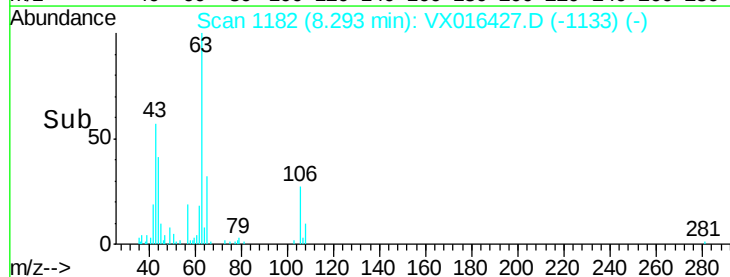
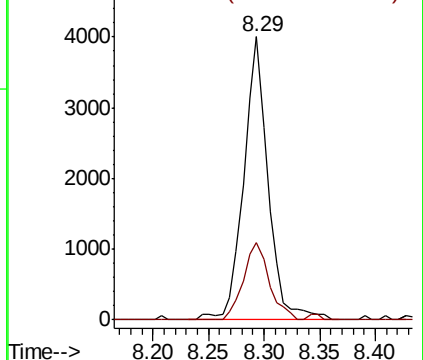
63 100

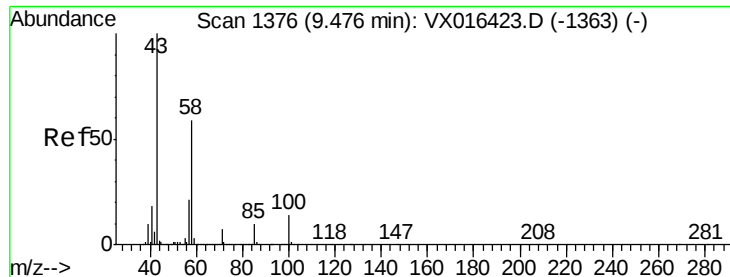
106 28.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

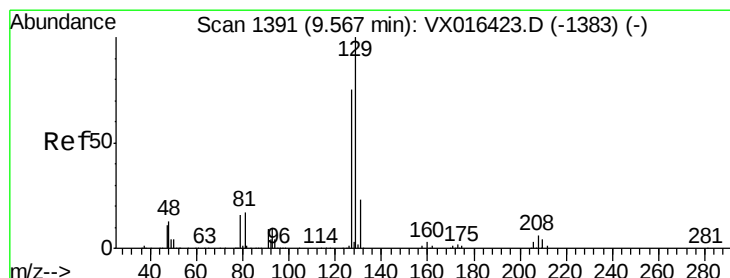
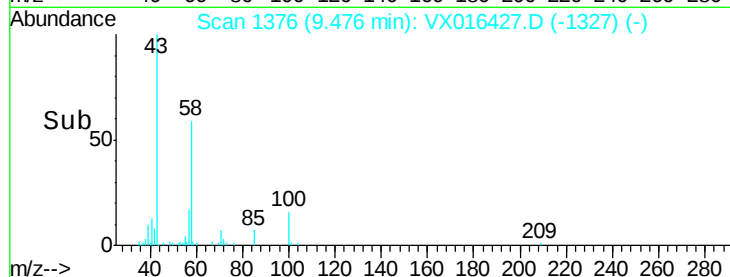
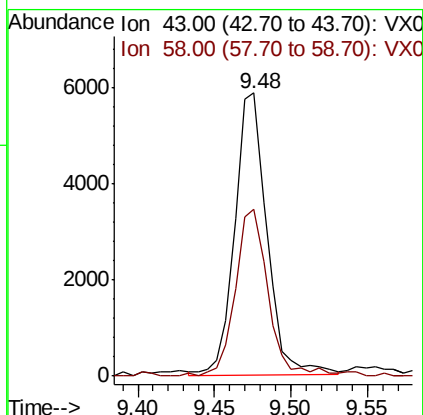
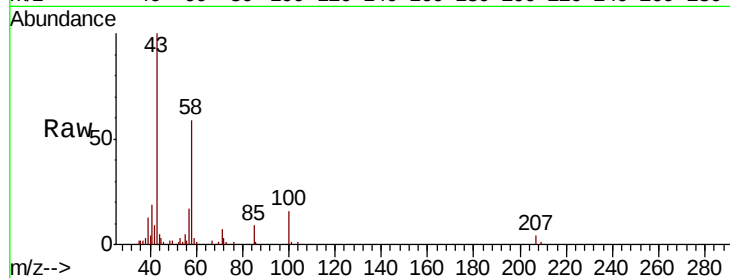




#59
2-Hexanone
Concen: 4.391 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

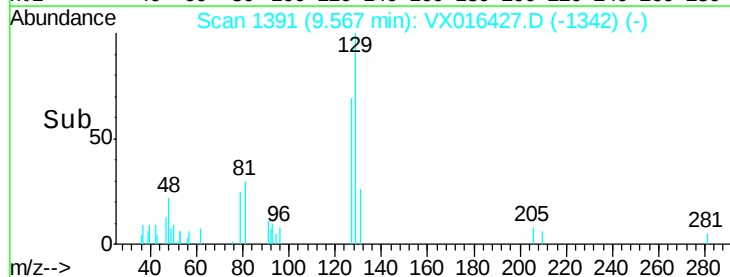
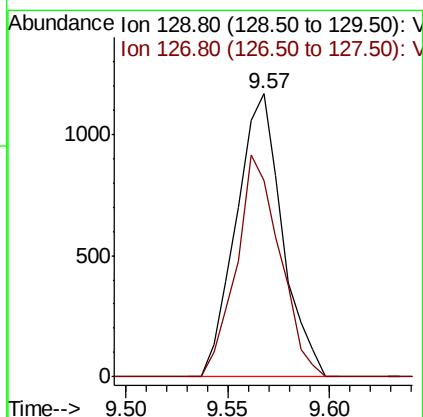
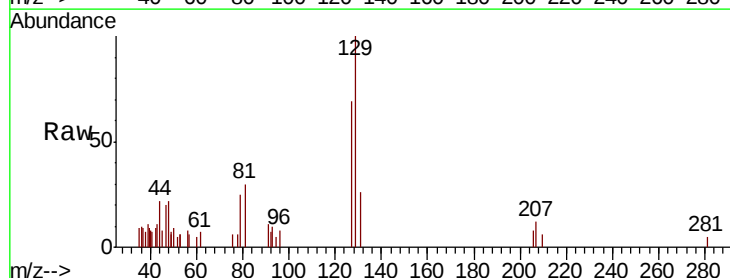
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

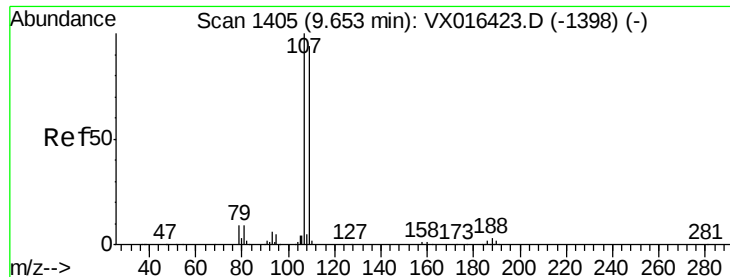
Tot Ion: 43 Resp: 8558
Ion Ratio Lower Upper
43 100
58 60.2 29.1 87.3



#60
Dibromochloromethane
Concen: 1.028 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 129 Resp: 1830
Ion Ratio Lower Upper
129 100
127 73.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.147 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

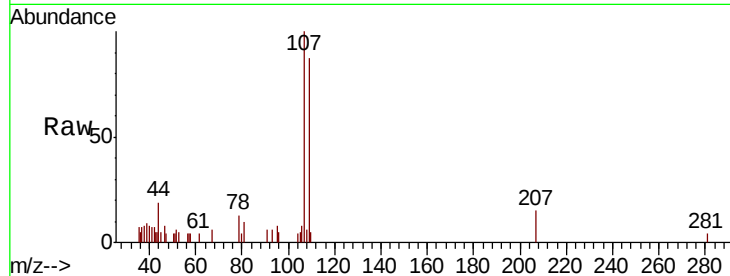
VSTDIC001

Tot Ion: 107 Resp: 2003

Ion Ratio Lower Upper

107 100

109 92.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

1500

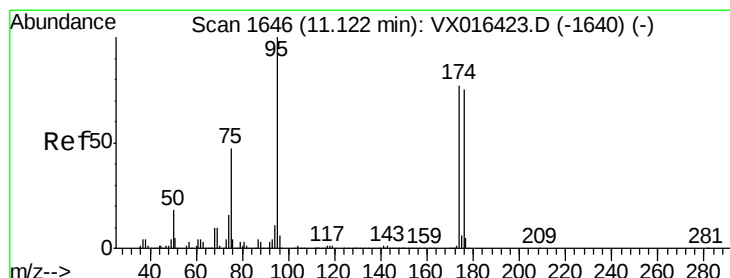
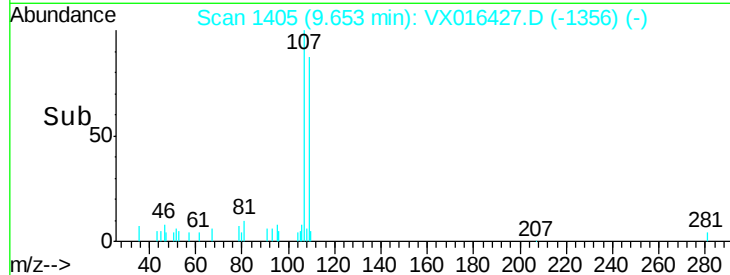
1000

500

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 1.621 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

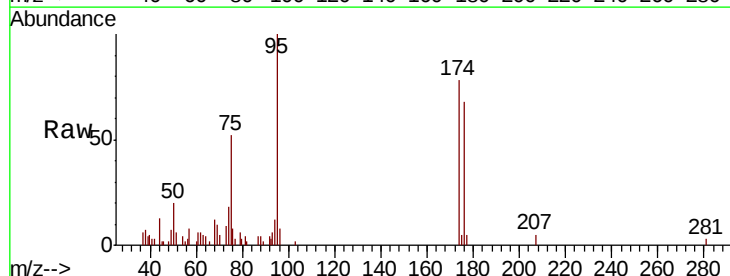
Tgt Ion: 95 Resp: 3425

Ion Ratio Lower Upper

95 100

174 74.2 0.0 162.6

176 67.8 0.0 158.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

3000

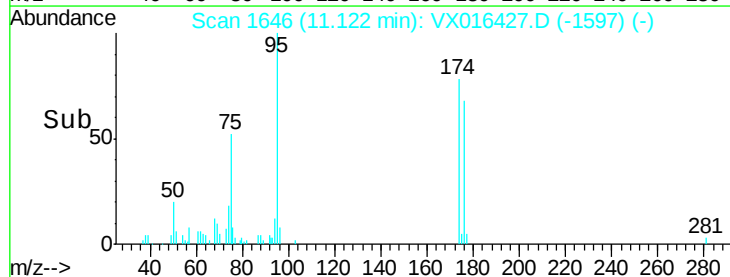
2000

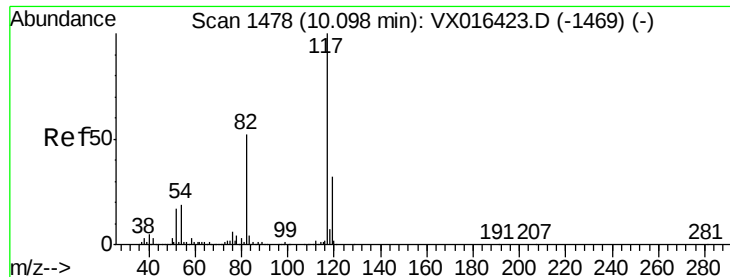
1000

0

11.05 11.10 11.15

Time-->

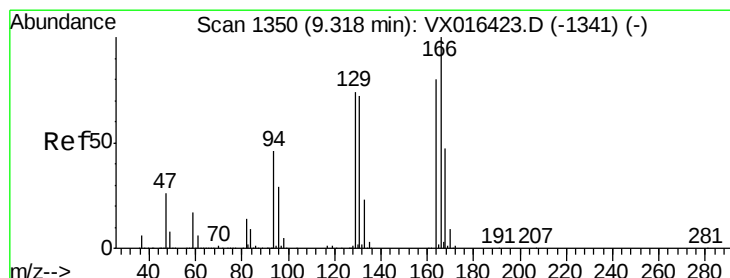
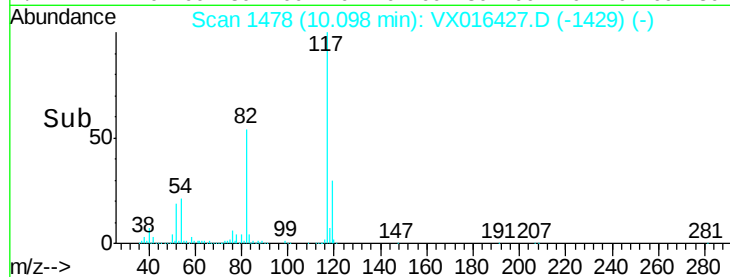
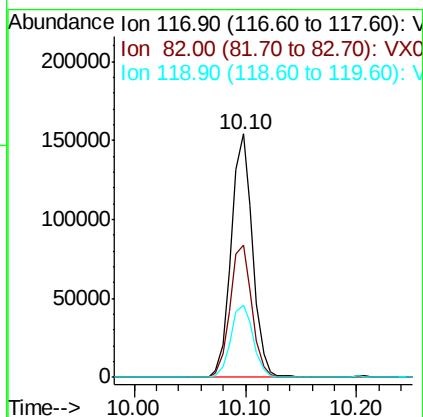
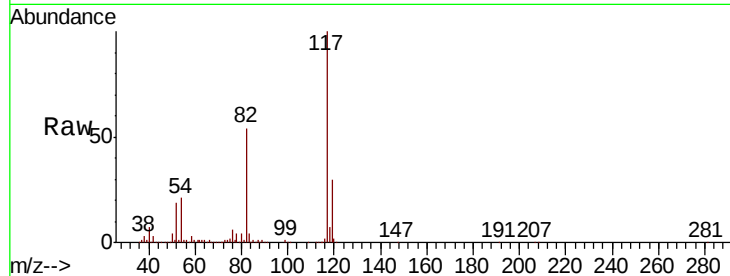




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

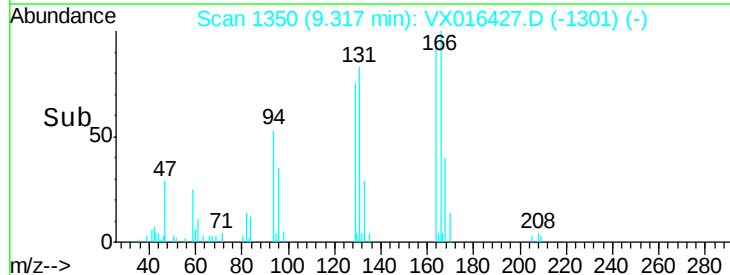
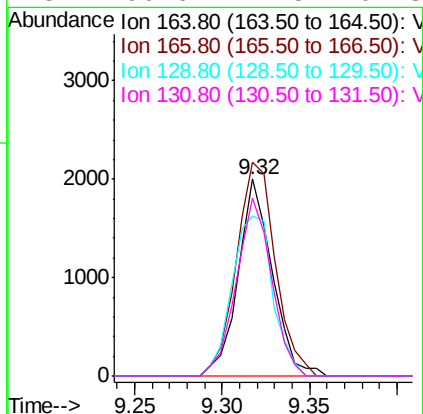
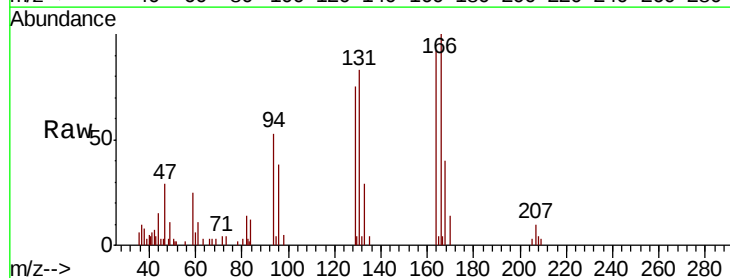
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

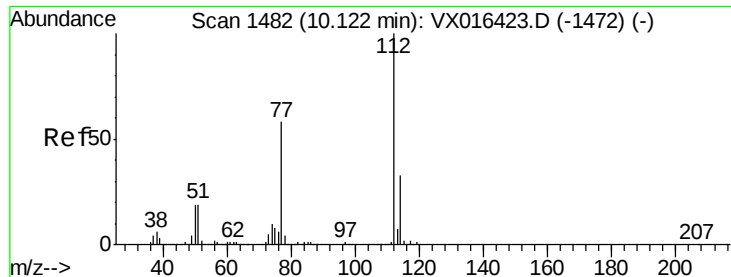
Tot Ion:117 Resp: 204343
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.6
119 29.8 25.7 38.5



#64
Tetrachloroethene
Concen: 1.103 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:164 Resp: 2733
Ion Ratio Lower Upper
164 100
166 108.6 99.5 149.3
129 81.2 73.4 110.0
131 90.6 71.5 107.3

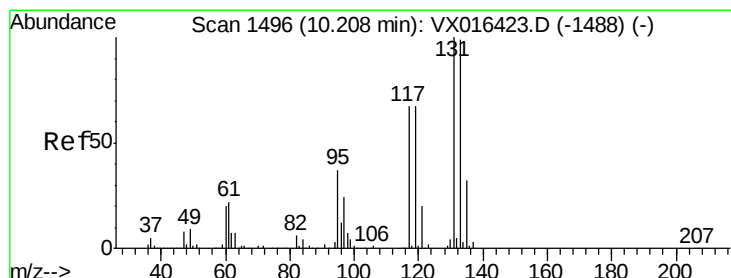
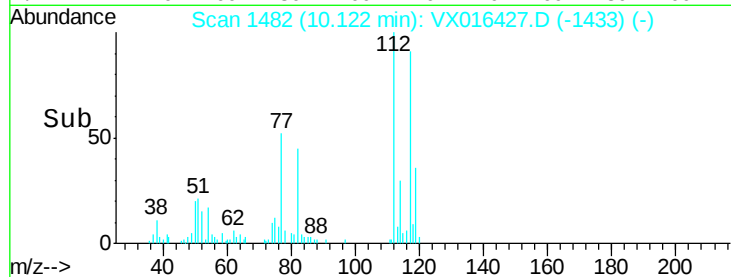
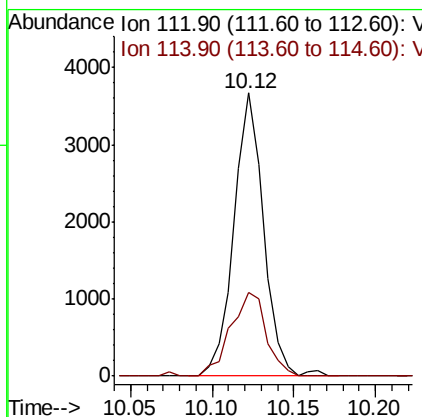
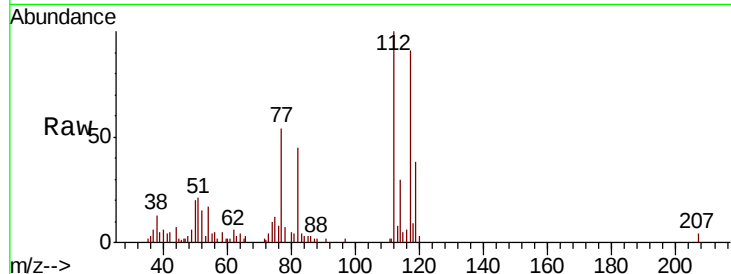




#65
Chlorobenzene
Concen: 1.090 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

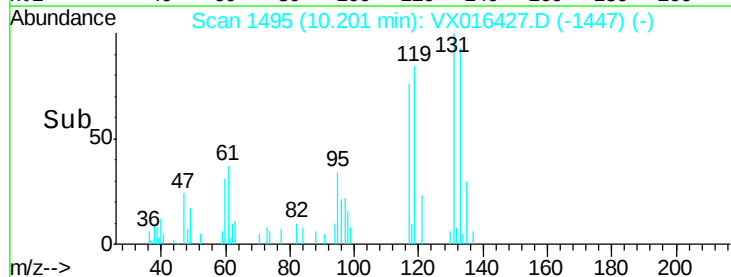
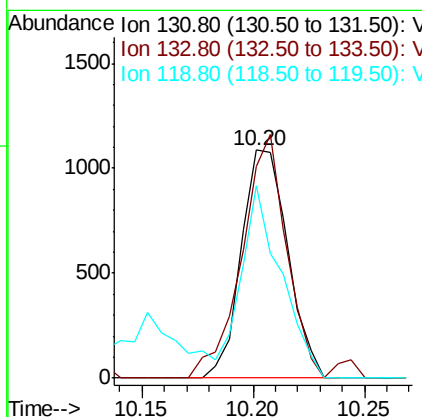
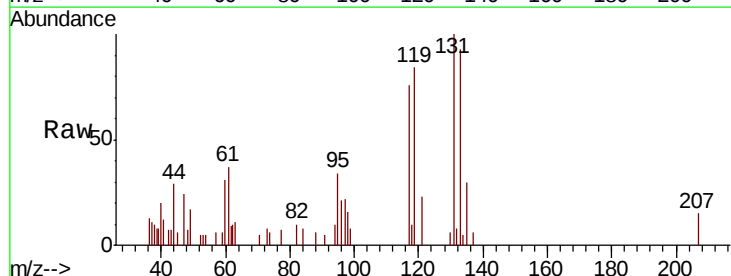
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

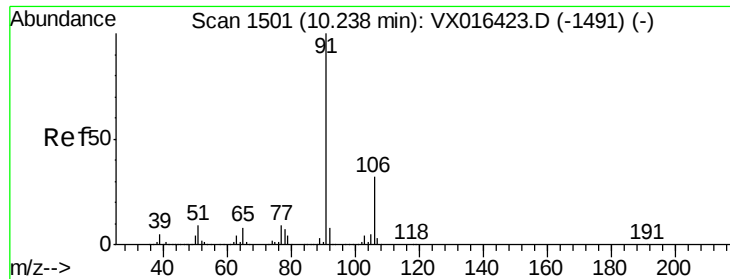
Tot Ion:112 Resp: 4651
Ion Ratio Lower Upper
112 100
114 29.7 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.001 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:131 Resp: 1584
Ion Ratio Lower Upper
131 100
133 102.7 48.0 144.2
119 0.0 33.0 98.9#

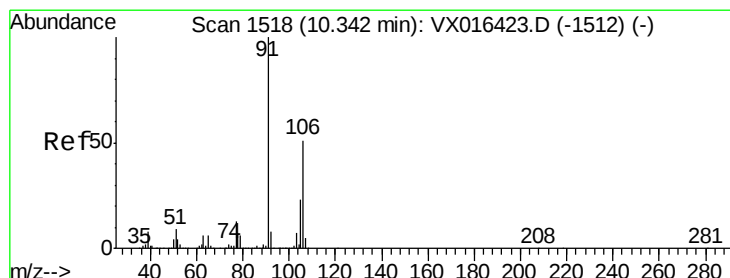
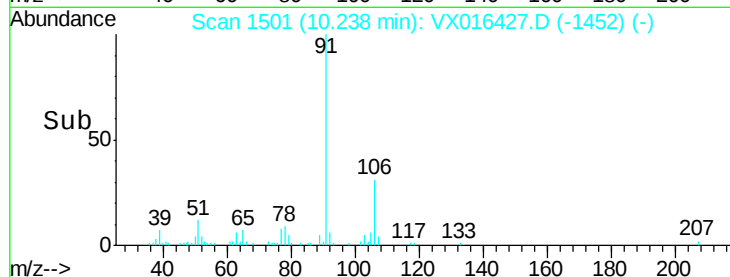
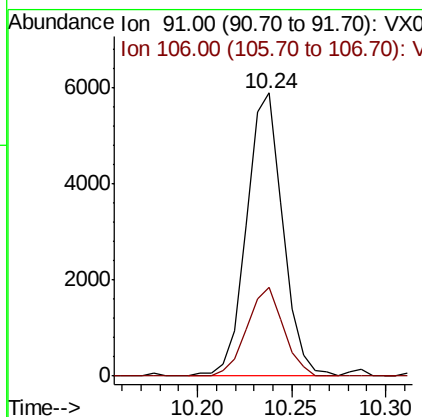
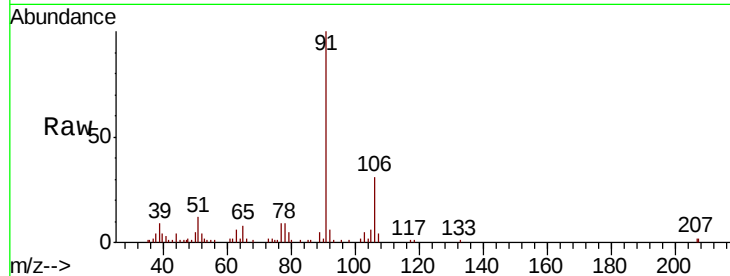




#67
Ethyl Benzene
Concen: 1.035 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

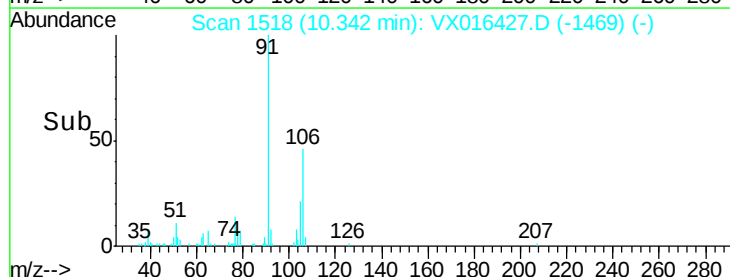
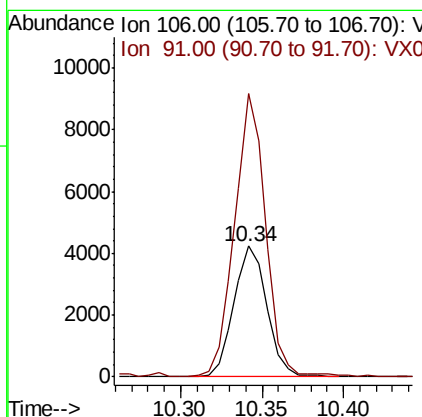
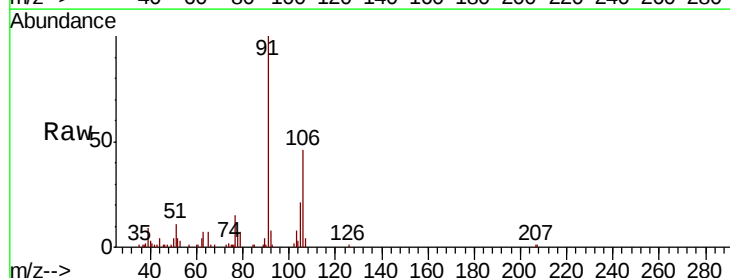
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

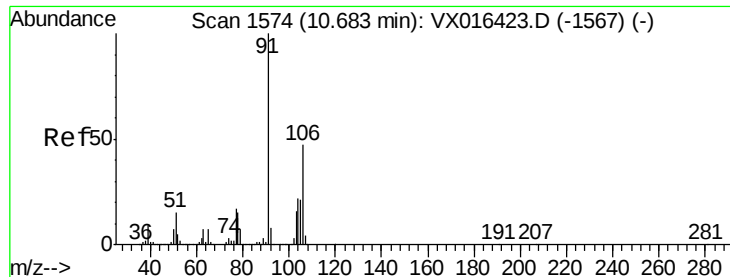
Tot Ion: 91 Resp: 7830
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8



#68
m/p-Xylenes
Concen: 2.091 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion: 106 Resp: 5944
Ion Ratio Lower Upper
106 100
91 205.0 158.2 237.4

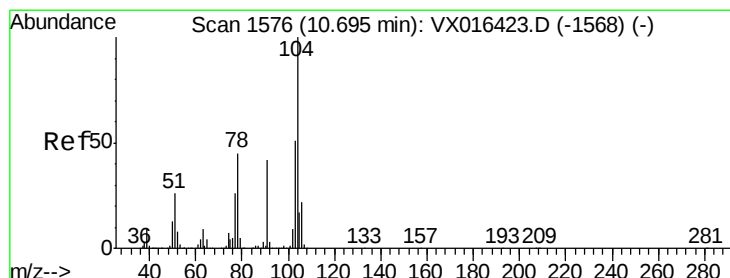
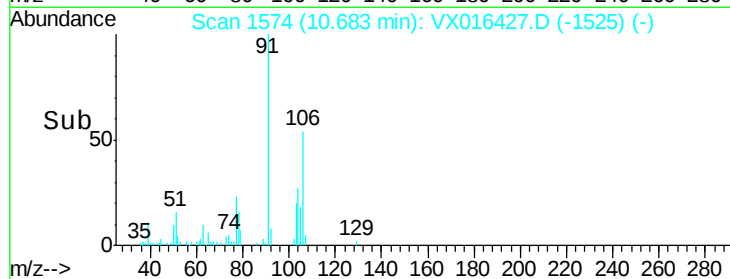
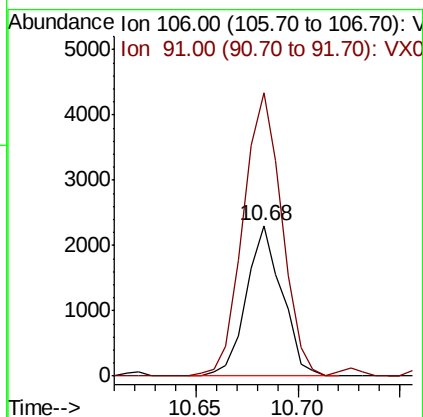
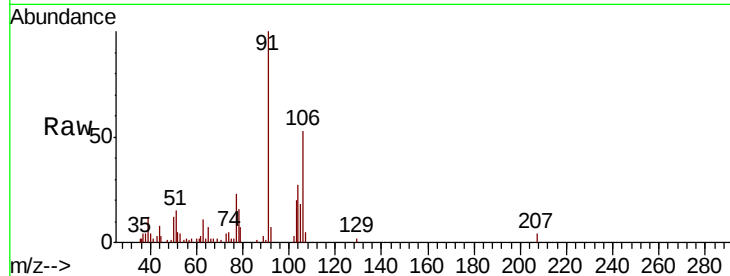




#69
o-Xylene
Concen: 1.022 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

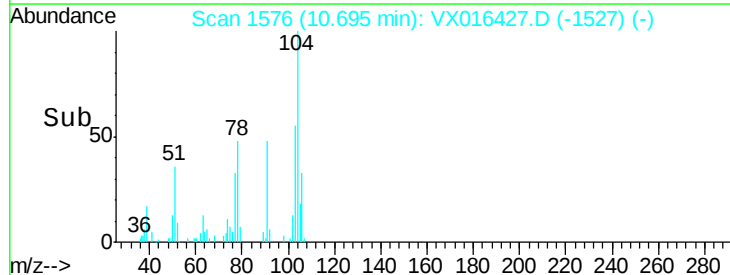
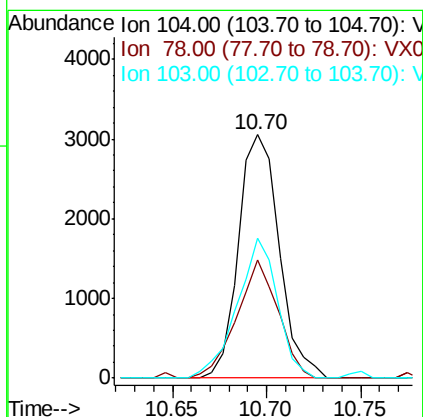
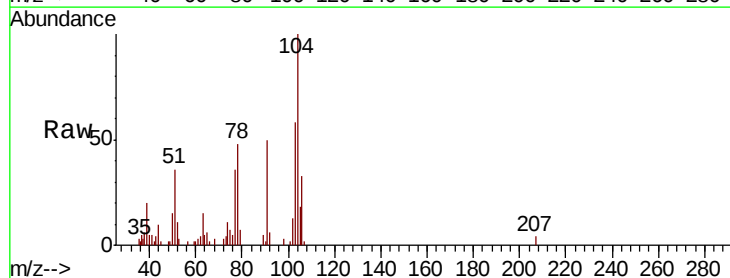
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

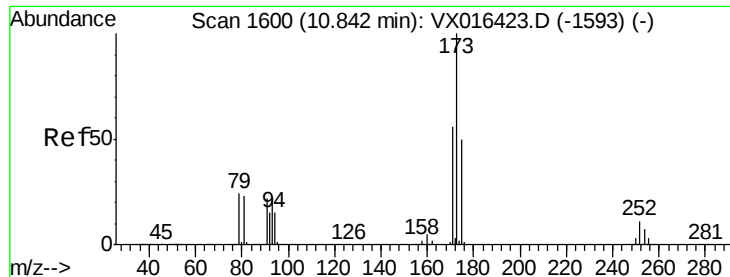
Tot Ion:106 Resp: 2800
Ion Ratio Lower Upper
106 100
91 204.4 104.0 312.0



#70
Styrene
Concen: 0.986 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016427.D
Acq: 26 May 2020 15:32

Tgt Ion:104 Resp: 4565
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 57.3 43.8 65.6





#71

Bromoform

Concen: 0.920 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

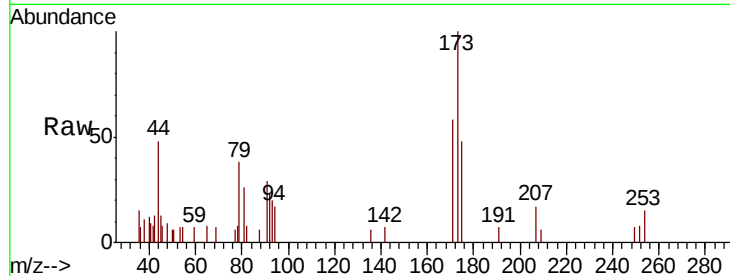
Tot Ion:173 Resp: 1187

Ion Ratio Lower Upper

173 100

175 43.1 24.5 73.5

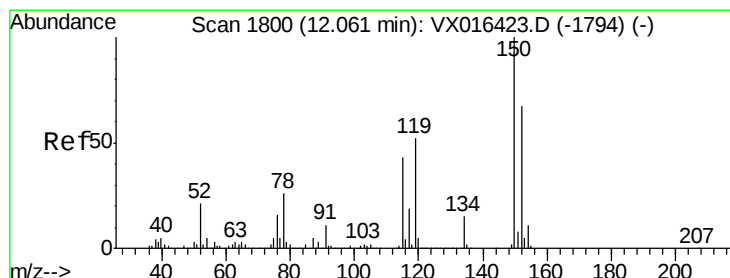
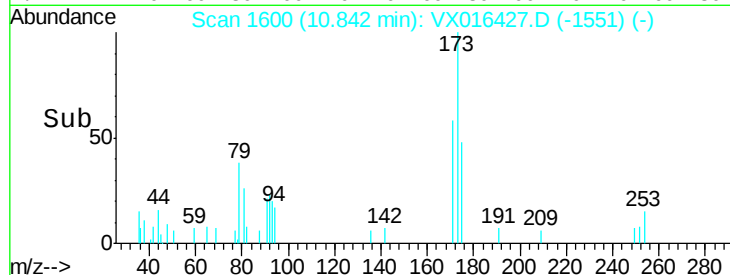
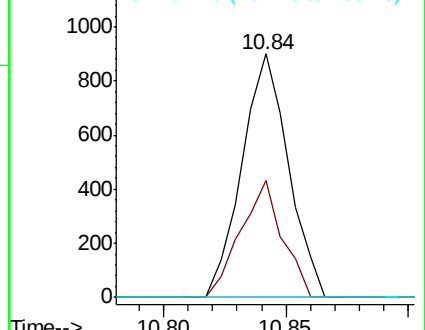
254 0.0 0.2 0.2#



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: VX016427.D

Acq: 26 May 2020 15:32

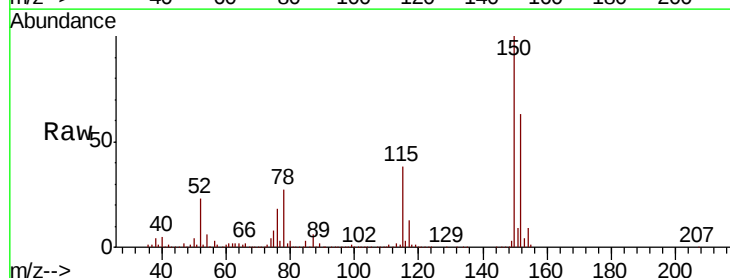
Tgt Ion:152 Resp: 91128

Ion Ratio Lower Upper

152 100

115 59.9 40.4 121.2

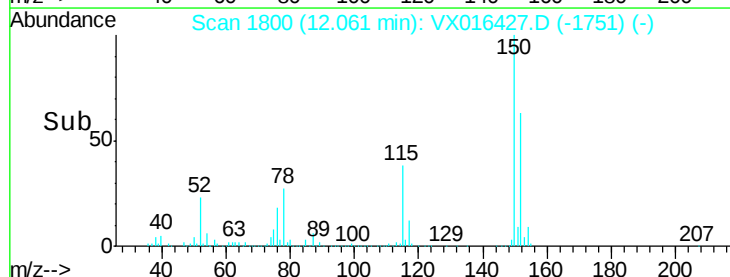
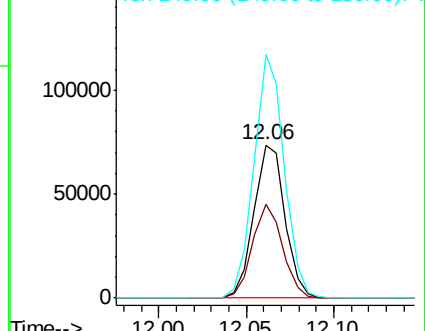
150 154.9 0.0 345.8

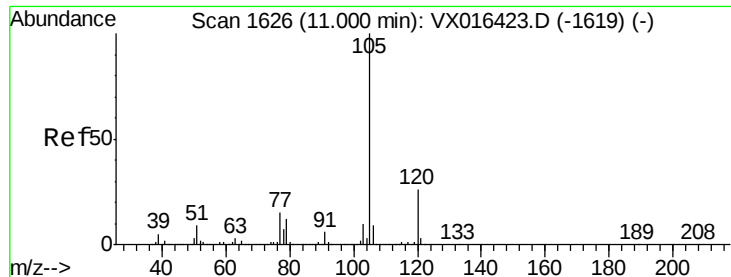


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.108 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

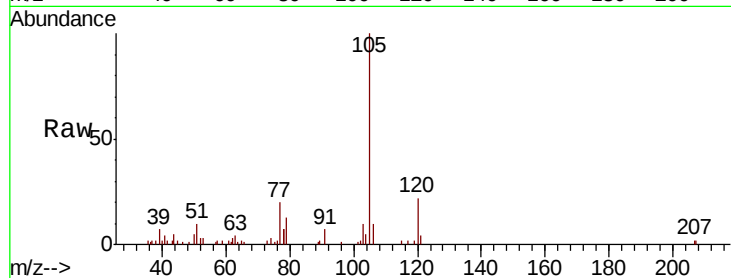
VSTDIC001

Tot Ion:105 Resp: 7284

Ion Ratio Lower Upper

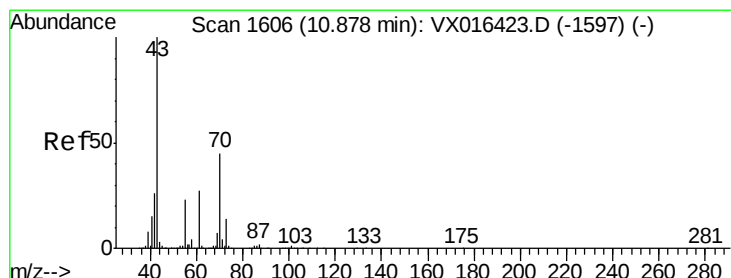
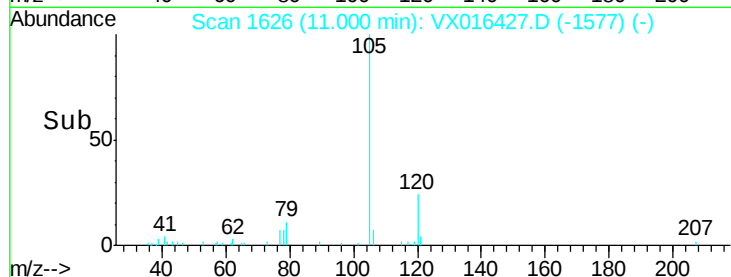
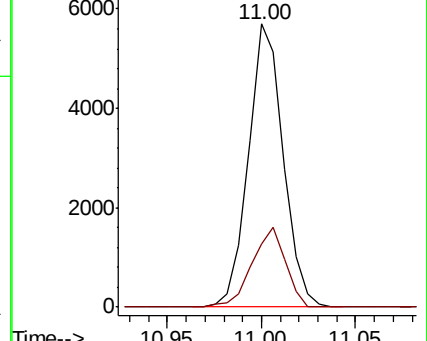
105 100

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: 1.102 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Tgt Ion: 43 Resp: 3318

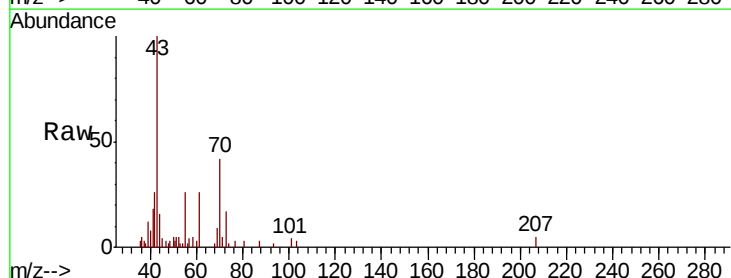
Ion Ratio Lower Upper

43 100

70 39.3 38.0 57.0

55 24.5 20.0 30.0

61 28.8 21.4 32.2

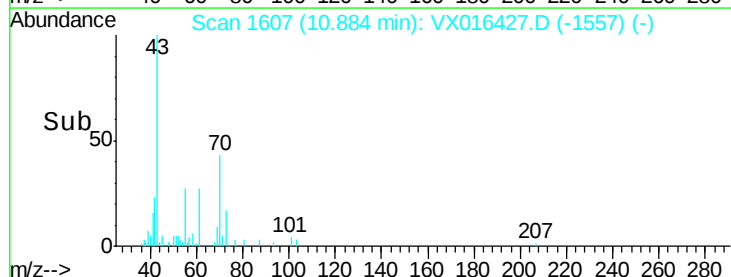
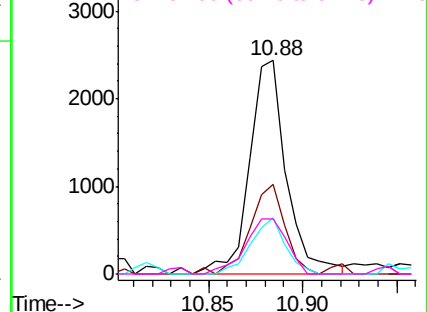


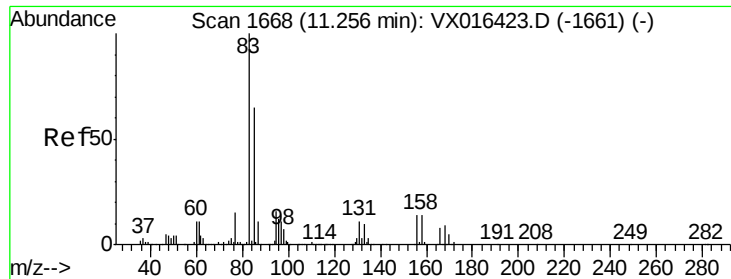
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.562 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

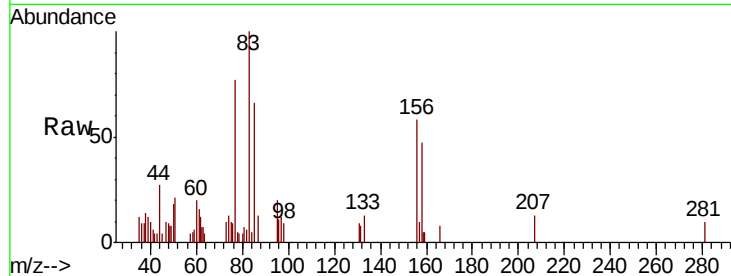
Tot Ion: 83 Resp: 1886

Ion Ratio Lower Upper

83 100

131 12.9 5.4 16.2

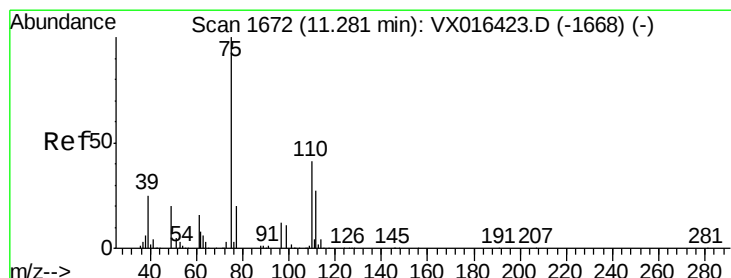
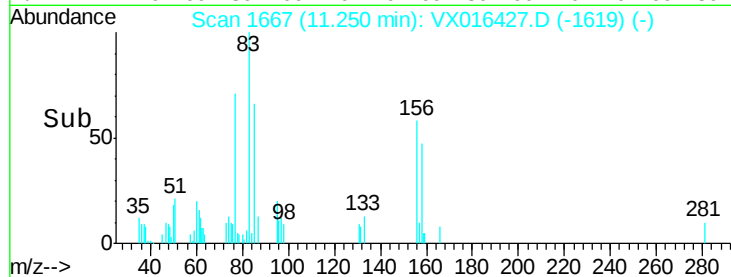
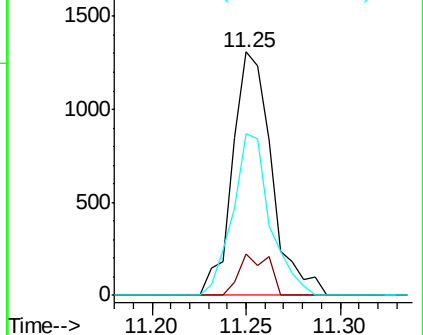
85 63.2 32.6 97.7



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: 1.338 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016427.D

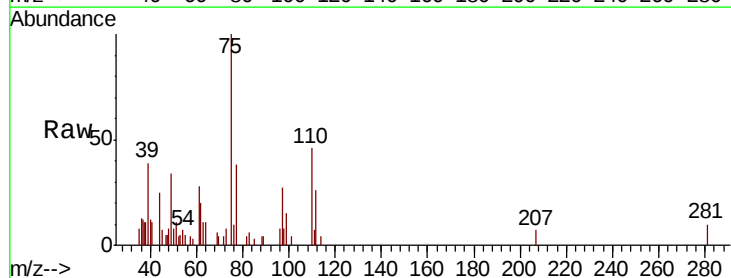
Acq: 26 May 2020 15:32

Tgt Ion: 75 Resp: 2729

Ion Ratio Lower Upper

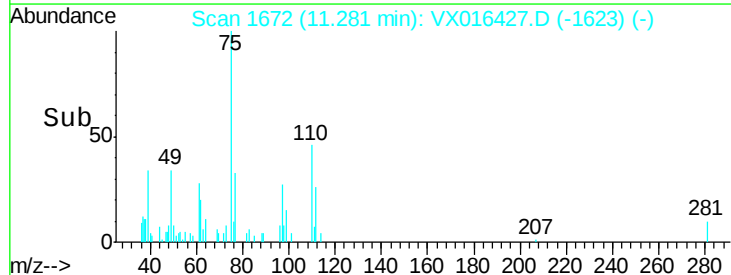
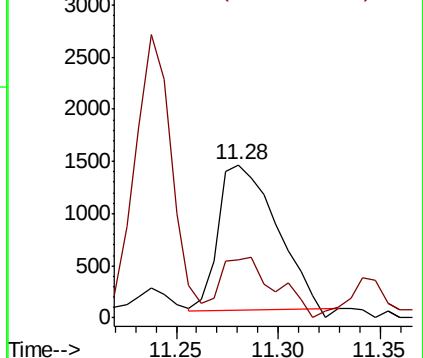
75 100

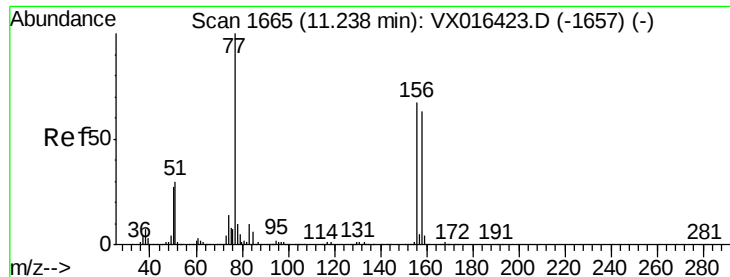
77 39.9 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.136 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

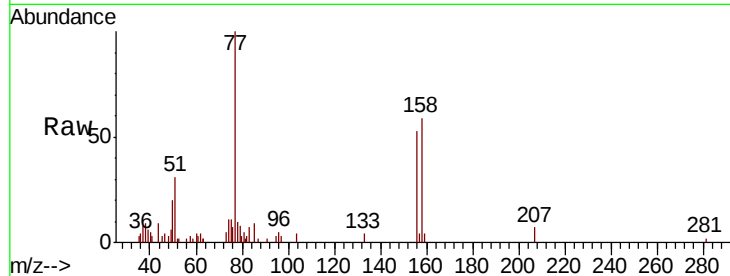
Tot Ion:156 Resp: 1941

Ion Ratio Lower Upper

156 100

77 176.5 74.6 223.8

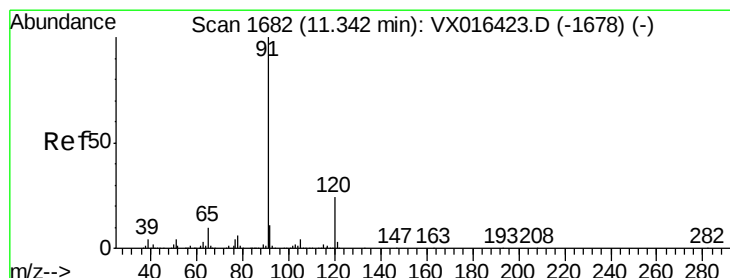
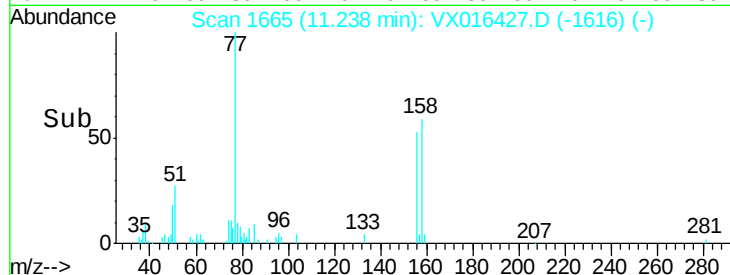
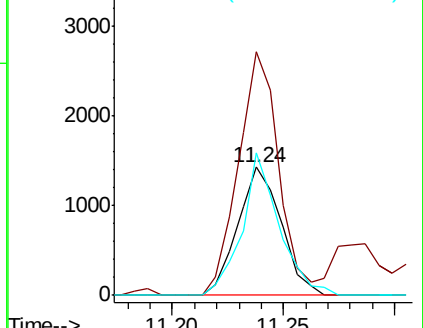
158 94.8 48.7 146.1



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: 1.162 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016427.D

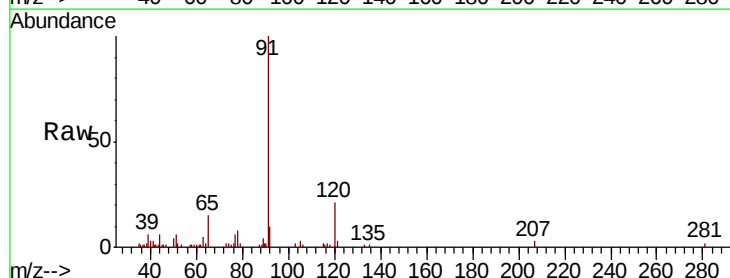
Acq: 26 May 2020 15:32

Tgt Ion: 91 Resp: 8867

Ion Ratio Lower Upper

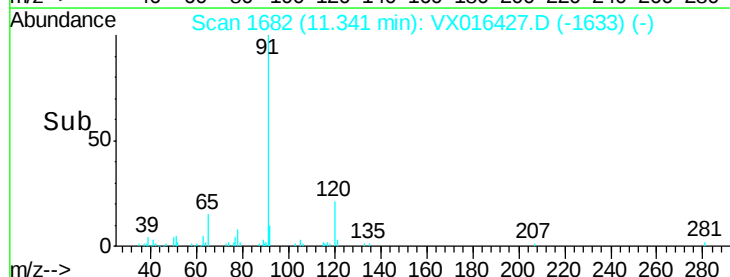
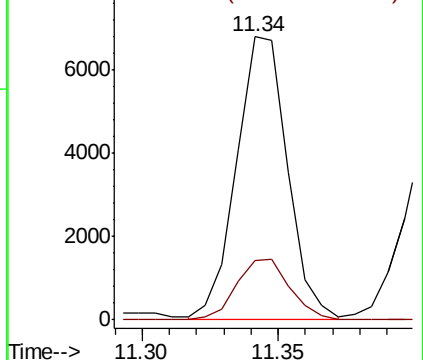
91 100

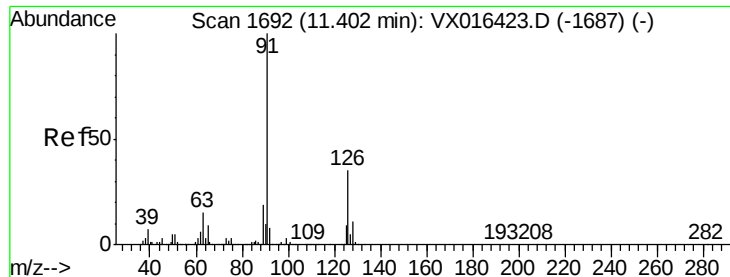
120 22.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.219 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

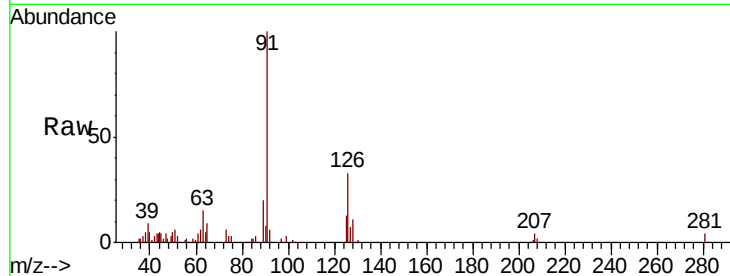
VSTDIC001

Tot Ion: 91 Resp: 5502

Ion Ratio Lower Upper

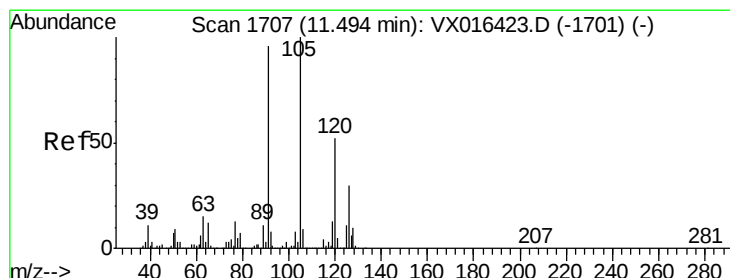
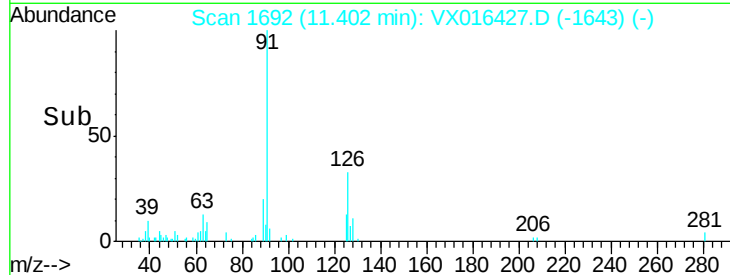
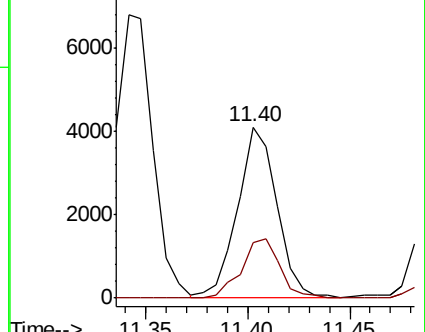
91 100

126 33.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.056 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016427.D

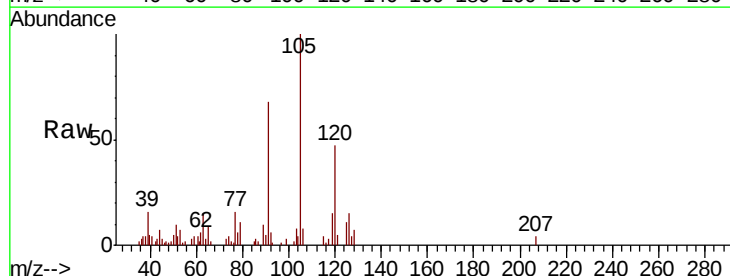
Acq: 26 May 2020 15:32

Tgt Ion:105 Resp: 5860

Ion Ratio Lower Upper

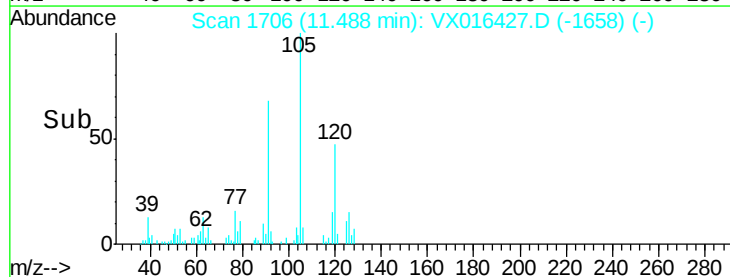
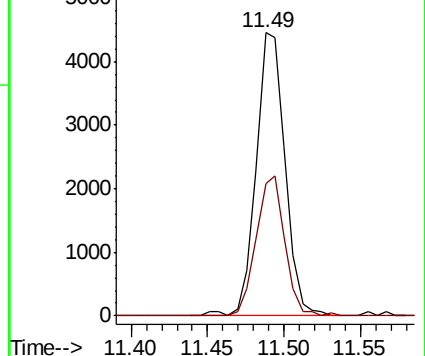
105 100

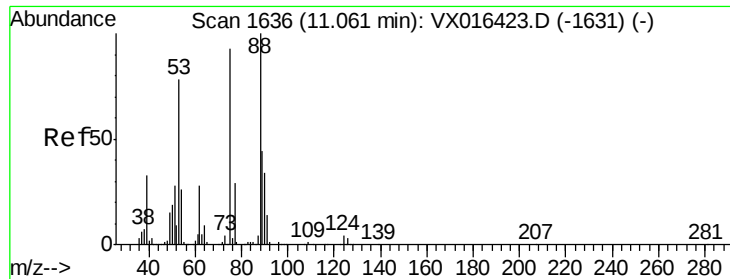
120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 1.078 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

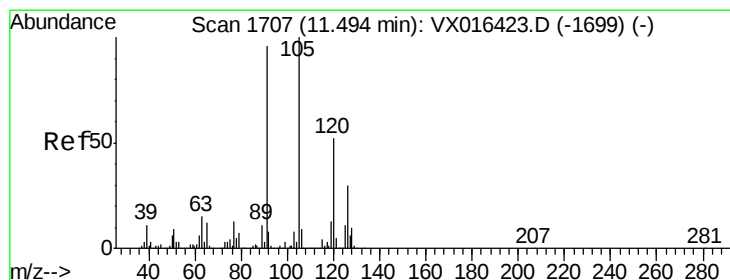
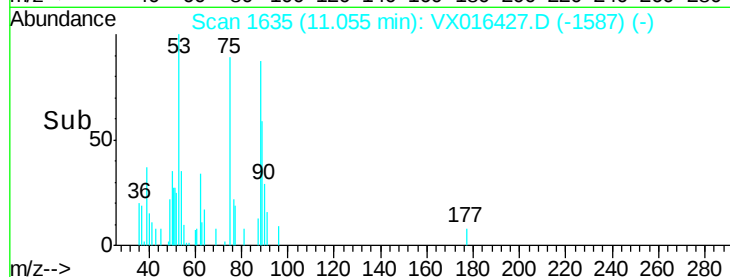
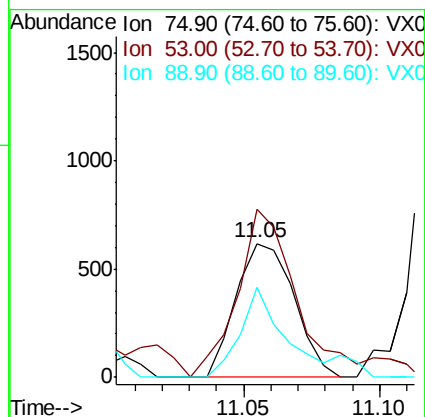
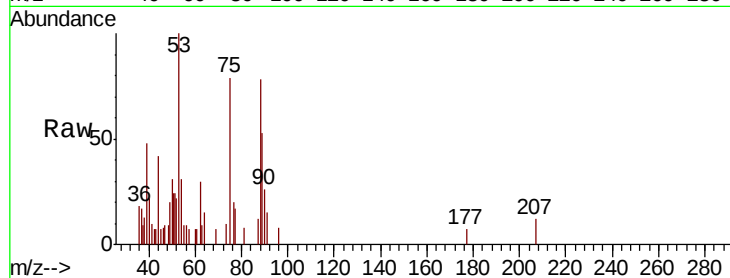
Tot Ion: 75 Resp: 917

Ion Ratio Lower Upper

75 100

53 134.9 69.4 104.2#

89 57.5 37.0 55.6#



#82

4-Chlorotoluene

Concen: 1.217 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016427.D

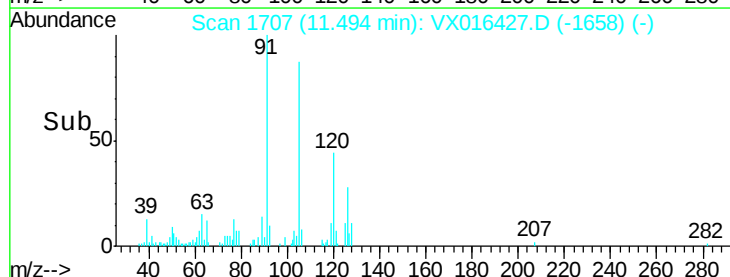
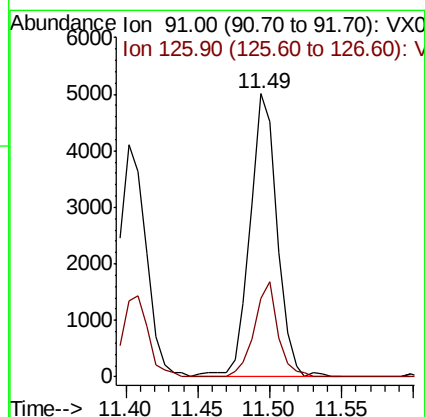
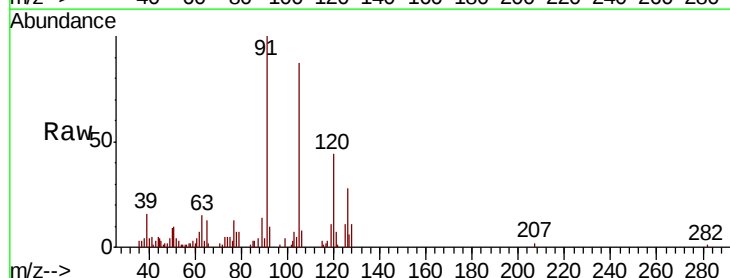
Acq: 26 May 2020 15:32

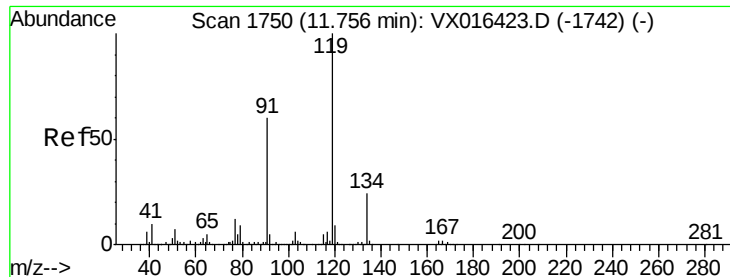
Tgt Ion: 91 Resp: 6490

Ion Ratio Lower Upper

91 100

126 29.4 15.7 47.0





#83

tert-Butylbenzene

Concen: 1.105 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

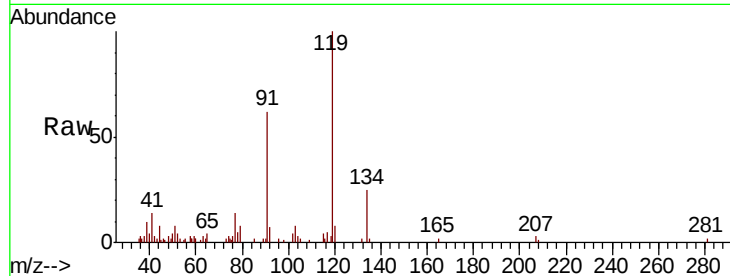
Tot Ion:119 Resp: 5281

Ion Ratio Lower Upper

119 100

91 69.2 30.8 92.3

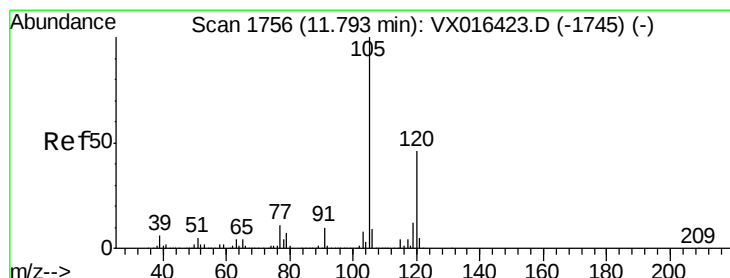
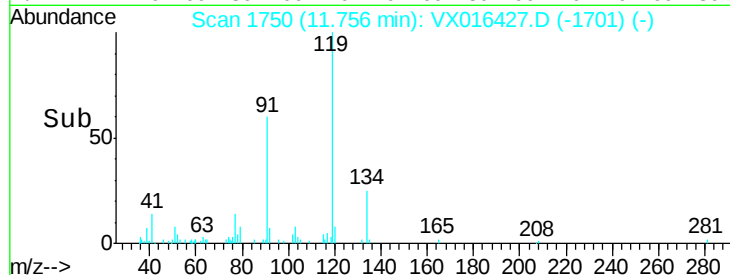
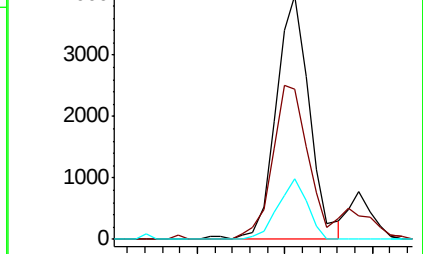
134 21.9 12.3 36.9



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: 1.039 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016427.D

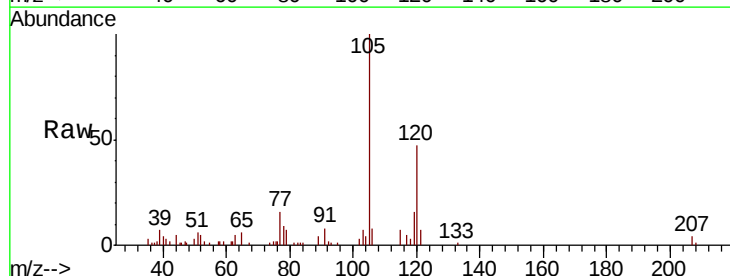
Acq: 26 May 2020 15:32

Tgt Ion:105 Resp: 5815

Ion Ratio Lower Upper

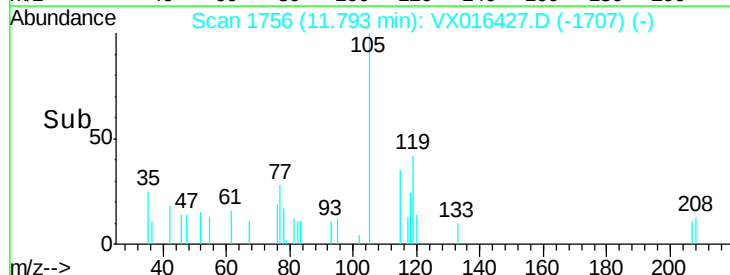
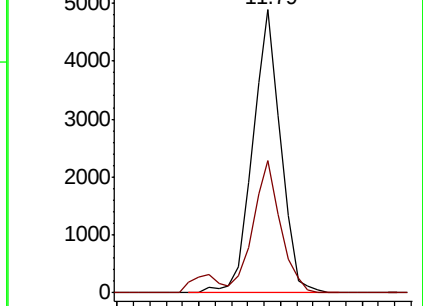
105 100

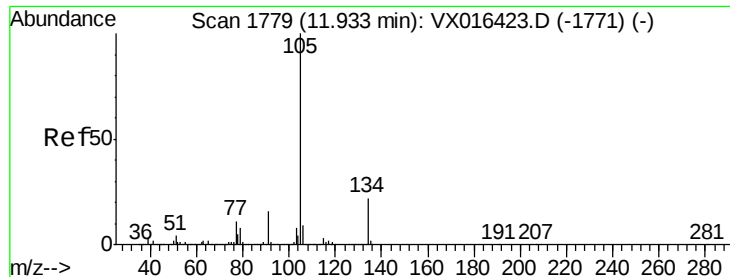
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.027 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

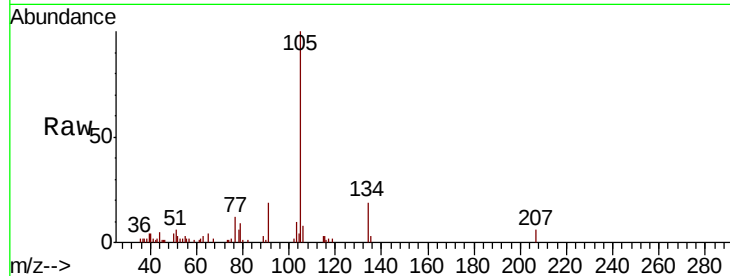
VSTDIC001

Tot Ion:105 Resp: 6564

Ion Ratio Lower Upper

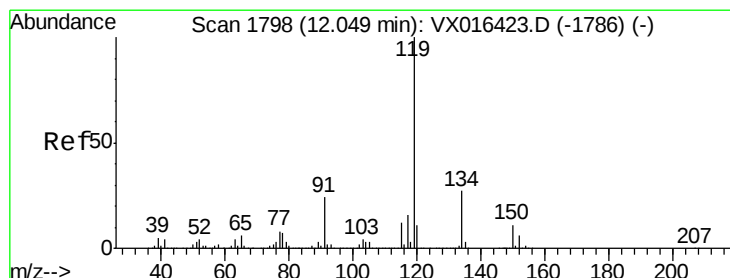
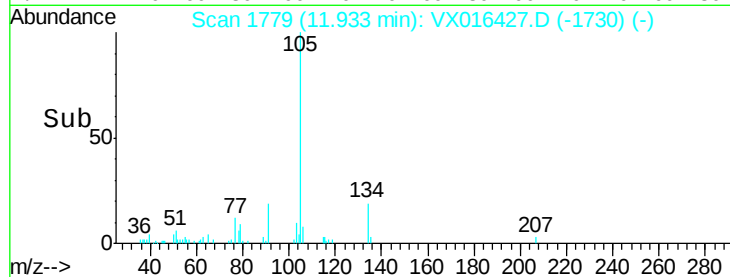
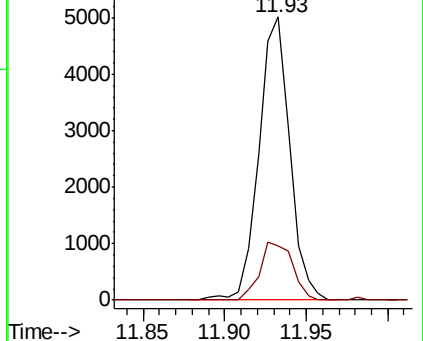
105 100

134 21.6 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: 1.045 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

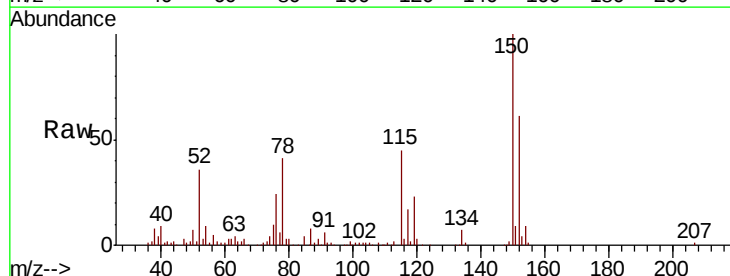
Tgt Ion:119 Resp: 6188

Ion Ratio Lower Upper

119 100

134 29.7 13.8 41.3

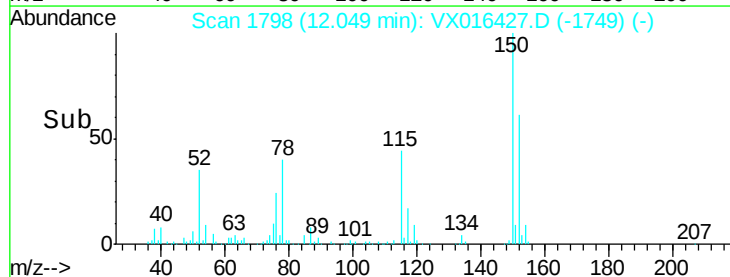
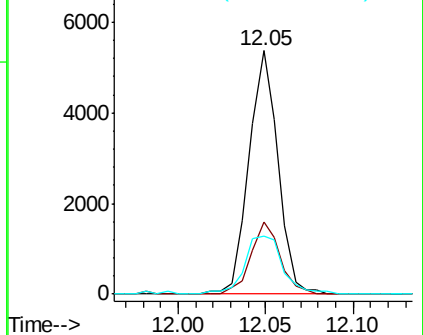
91 31.7 11.9 35.5

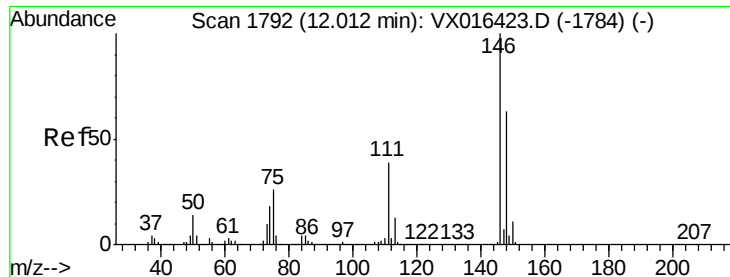


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

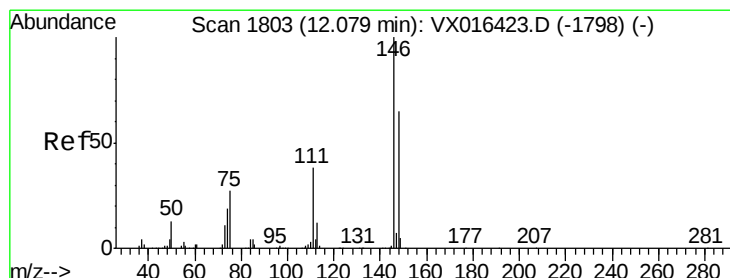
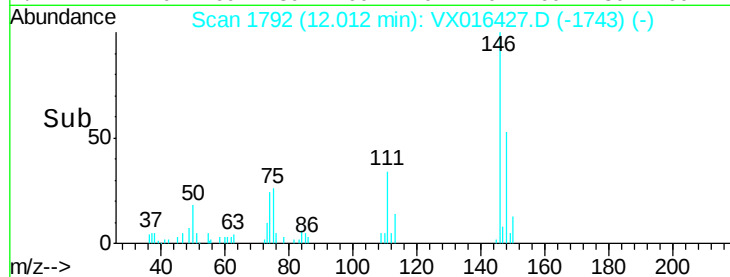
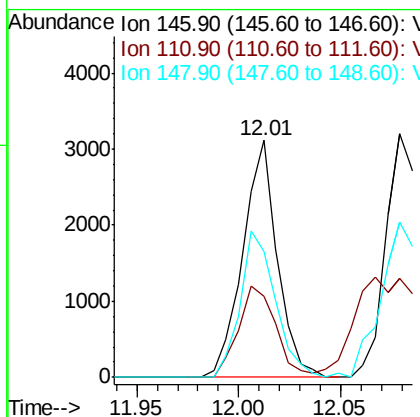
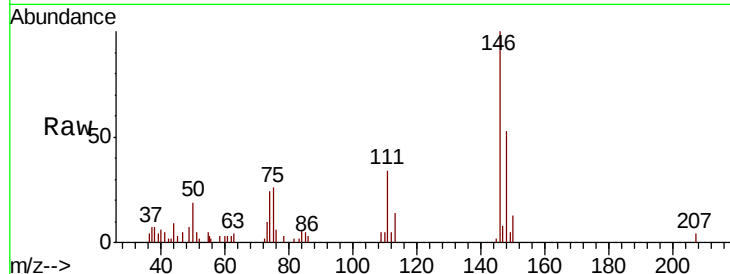




#87
 1,3-Dichlorobenzene
 Concen: 1.202 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

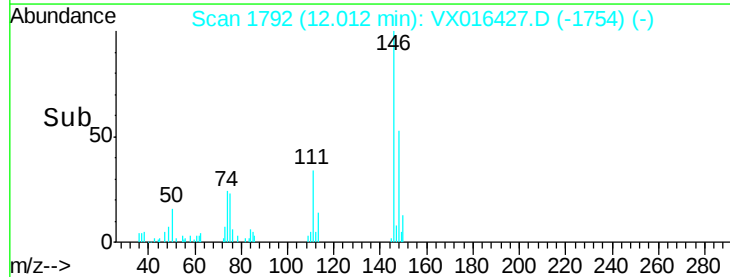
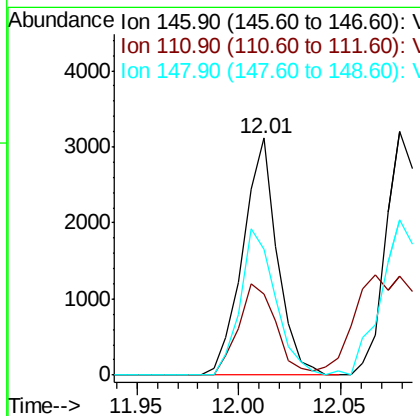
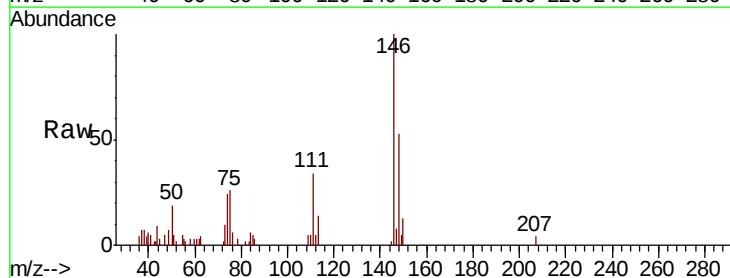
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

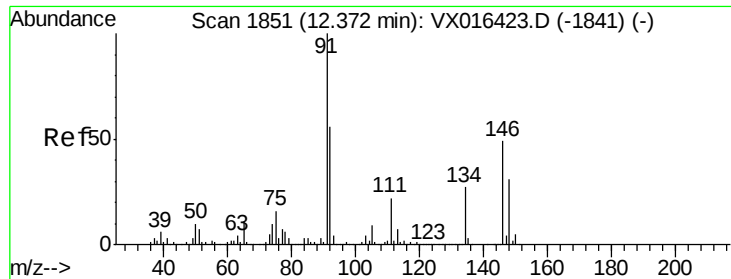
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.1	60.2
148	62.4	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 1.184 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.2	57.6
148	62.4	33.1	99.2





#89

n-Butylbenzene

Concen: 1.144 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

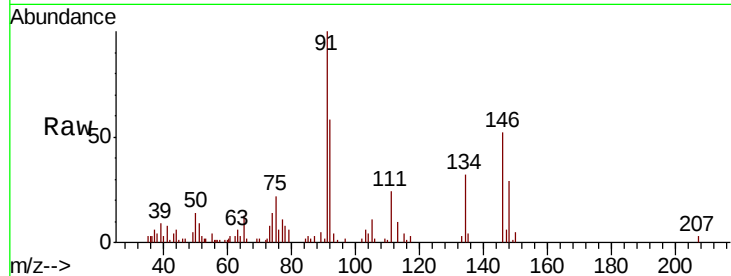
Tot Ion: 91 Resp: 6155

Ion Ratio Lower Upper

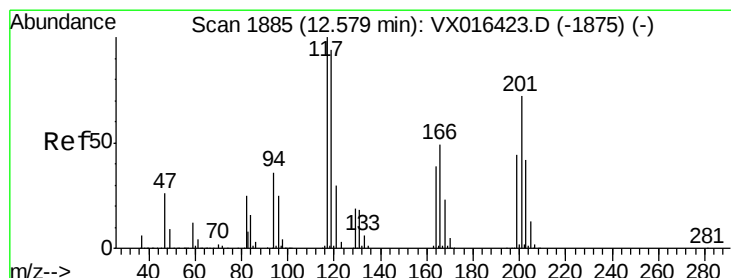
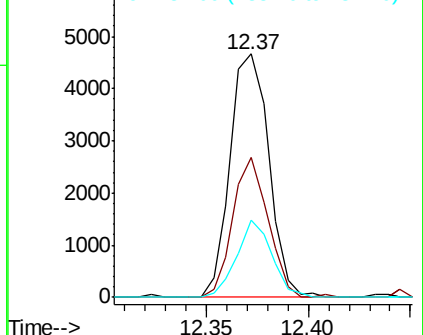
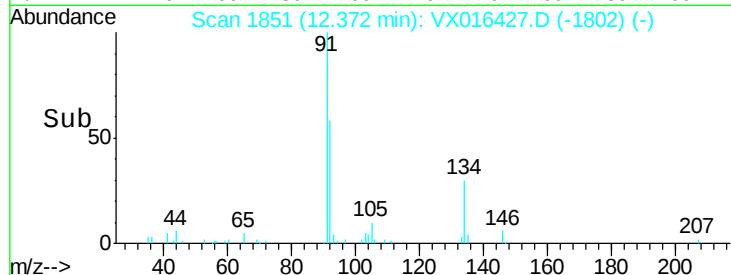
91 100

92 52.0 27.6 82.8

134 28.9 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VX016427.D (-1802) (-)



#90

Hexachloroethane

Concen: 1.098 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016427.D

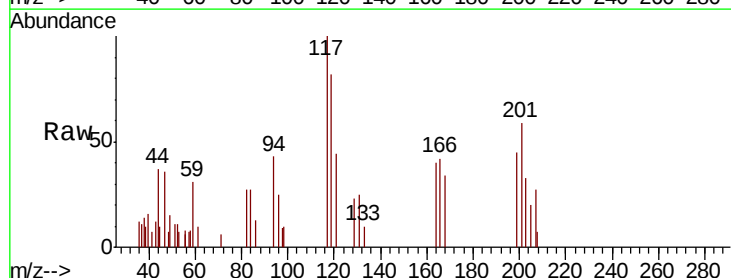
Acq: 26 May 2020 15:32

Tgt Ion: 117 Resp: 1124

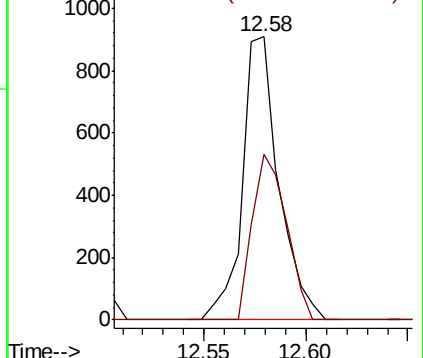
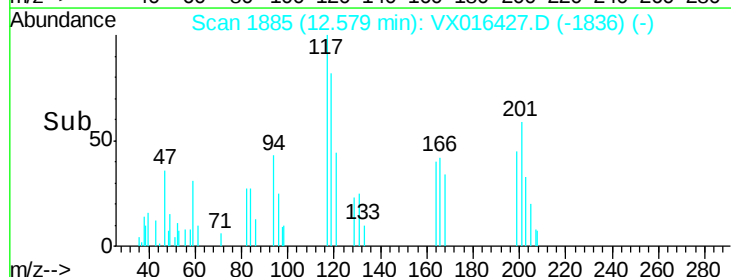
Ion Ratio Lower Upper

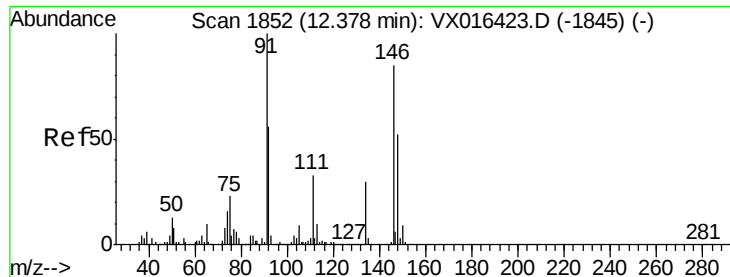
117 100

201 55.0 37.6 112.9



Abundance Ion 116.80 (116.50 to 117.50): VX016427.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 1.189 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

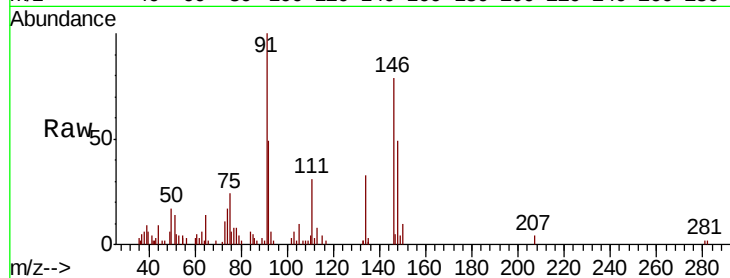
Tot Ion:146 Resp: 3512

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.3

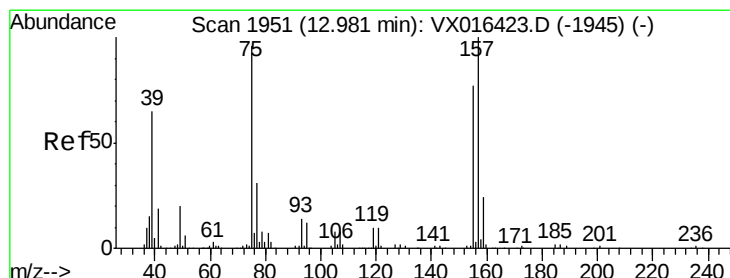
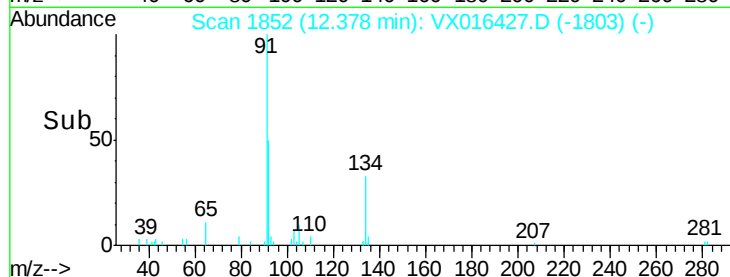
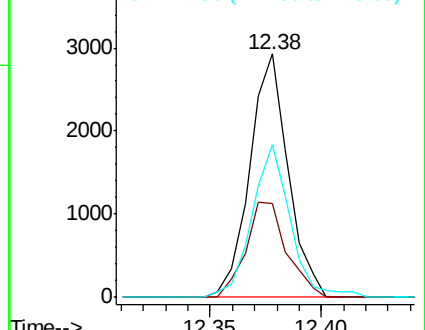
148 62.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.270 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

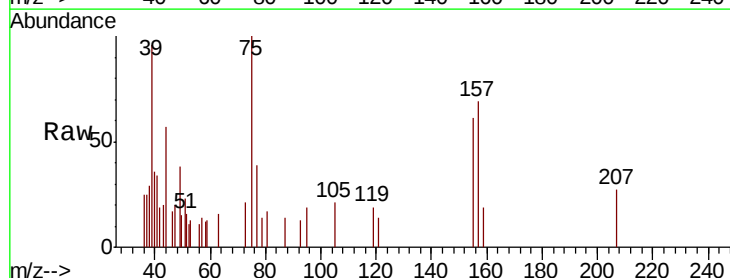
Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

155 72.0 44.8 134.4

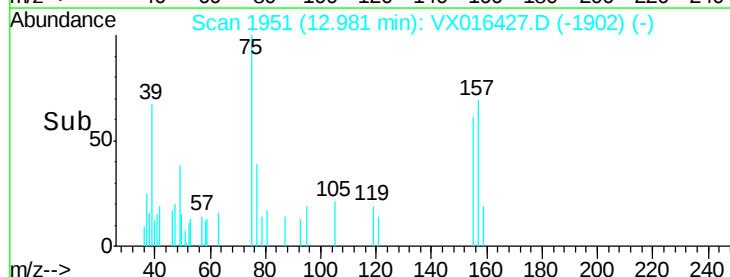
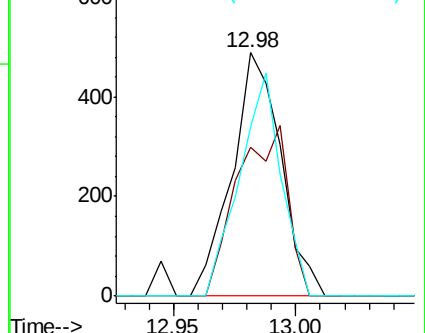
157 77.7 57.8 173.4

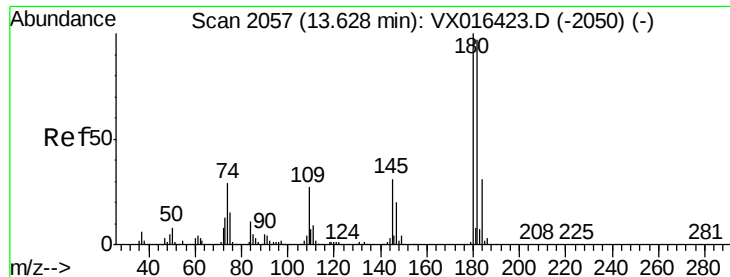


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

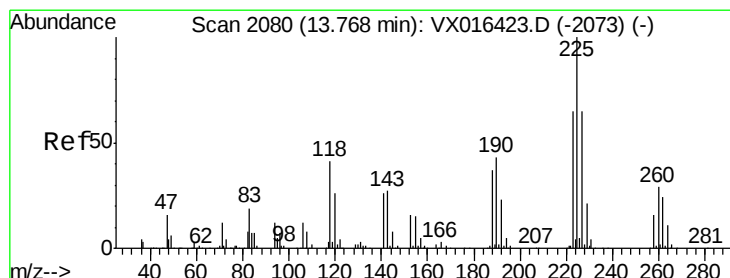
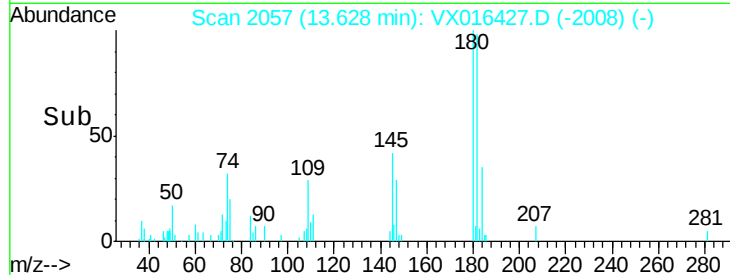
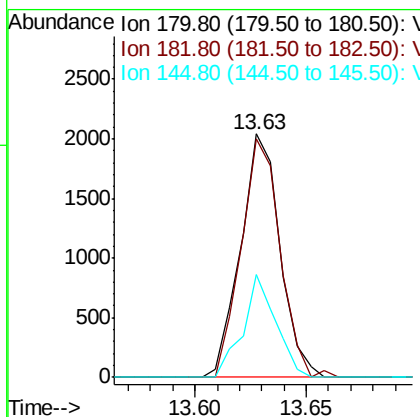
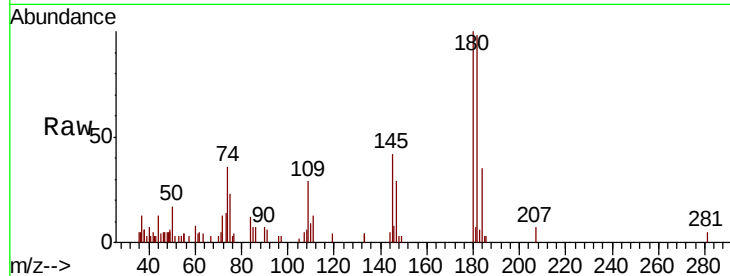




#93
 1,2,4-Trichlorobenzene
 Concen: 1.181 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

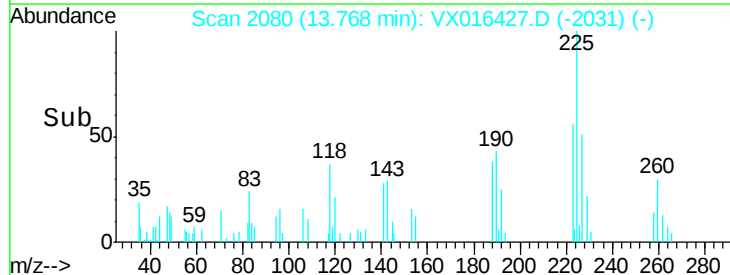
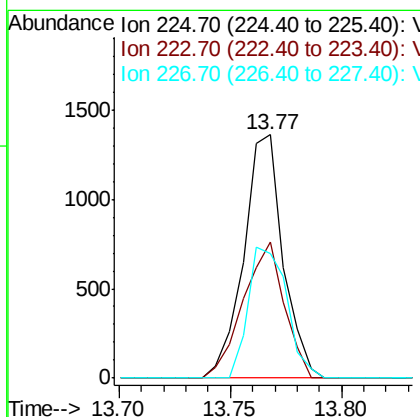
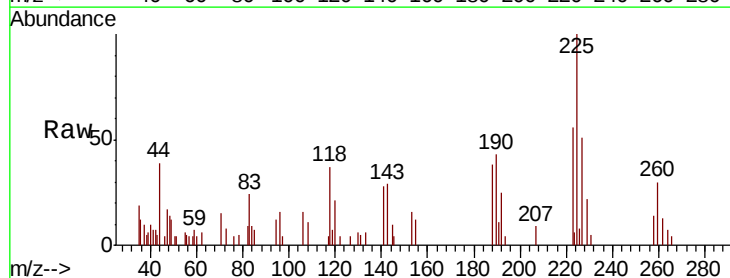
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

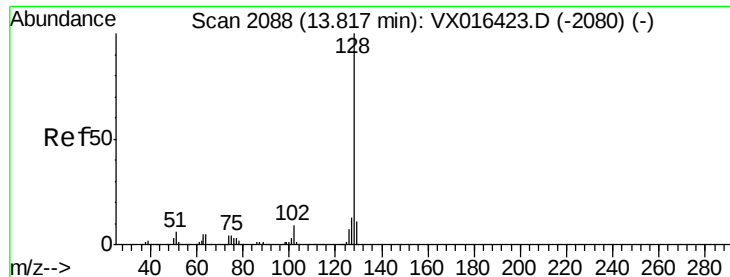
Tot Ion:180 Resp: 2528
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.6 145.8
 145 34.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 1.754 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016427.D
 Acq: 26 May 2020 15:32

Tgt Ion:225 Resp: 1680
 Ion Ratio Lower Upper
 225 100
 223 58.2 32.6 98.0
 227 53.0 32.5 97.4





#95

Naphthalene

Concen: 1.023 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

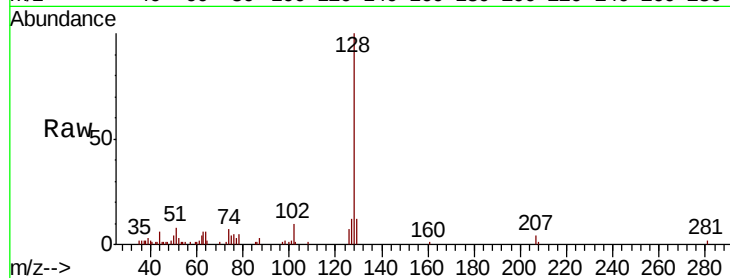
Tot Ion:128 Resp: 7176

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

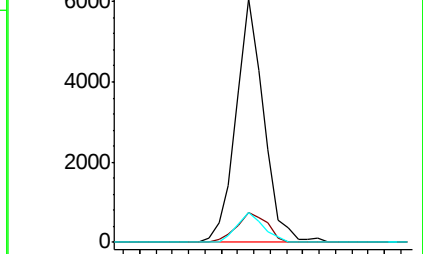
129 11.8 8.9 13.3



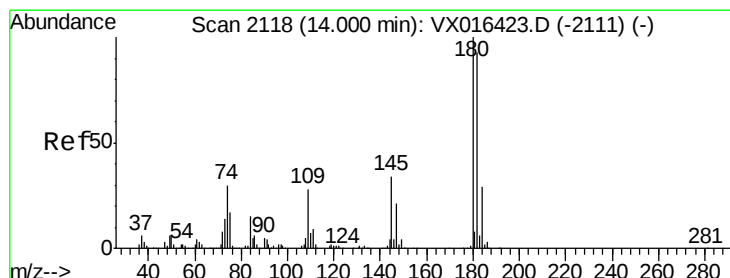
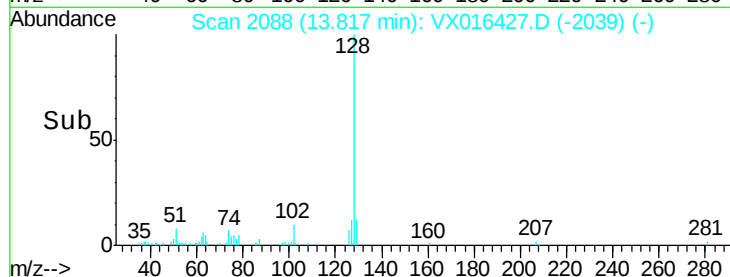
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 1.080 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016427.D

Acq: 26 May 2020 15:32

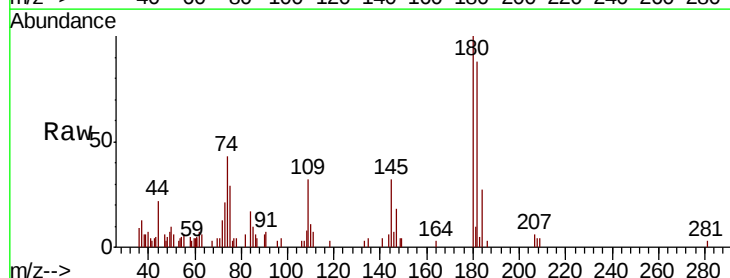
Tgt Ion:180 Resp: 2249

Ion Ratio Lower Upper

180 100

182 88.5 48.2 144.6

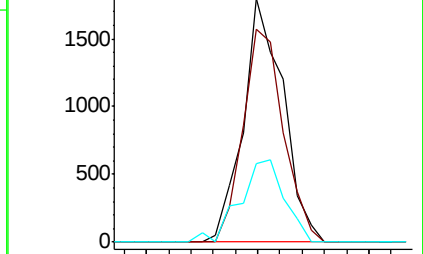
145 37.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

