

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016447.D
 Acq On : 27 May 2020 14:42
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 27 15:59:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	302926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	19597	4.91	ug/l	0.00
Spiked Amount			Recovery	=	9.82%	
35) Dibromofluoromethane	5.46	113	15211	5.02	ug/l	0.00
Spiked Amount			Recovery	=	10.04%	
50) Toluene-d8	8.70	98	55460	4.74	ug/l	0.00
Spiked Amount			Recovery	=	9.48%	
62) 4-Bromofluorobenzene	11.12	95	22043	4.96	ug/l	0.00
Spiked Amount			Recovery	=	9.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	14703	4.606	ug/l	97
3) Chloromethane	1.31	50	18858	5.082	ug/l	98
4) Vinyl Chloride	1.39	62	19492	4.913	ug/l	96
5) Bromomethane	1.62	94	9461	4.792	ug/l	96
6) Chloroethane	1.70	64	11645	4.872	ug/l	95
7) Trichlorofluoromethane	1.91	101	26400	5.071	ug/l	100
8) Diethyl Ether	2.17	74	11007	5.039	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14382	4.825	ug/l	97
10) Methyl Iodide	2.49	142	10878	2.828	ug/l	100
11) Tert butyl alcohol	3.02	59	24592	24.469	ug/l	100
12) 1,1-Dichloroethene	2.36	96	15163	4.858	ug/l	95
13) Acrolein	2.27	56	11279	19.236	ug/l	94
14) Allyl chloride	2.71	41	27166	4.731	ug/l	99
15) Acrylonitrile	3.12	53	50888	24.326	ug/l	98
16) Acetone	2.42	43	43325	24.449	ug/l	98
17) Carbon Disulfide	2.55	76	43907	4.135	ug/l	99
18) Methyl Acetate	2.75	43	22053	5.021	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	52143	4.802	ug/l	100
20) Methylene Chloride	2.83	84	18295	5.003	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	16510	4.715	ug/l	95
22) Diisopropyl ether	3.82	45	53156	4.875	ug/l	93
23) Vinyl Acetate	3.79	43	225098	23.493	ug/l	99
24) 1,1-Dichloroethane	3.67	63	29775	4.884	ug/l	100
25) 2-Butanone	4.64	43	70309	24.444	ug/l	97
26) 2,2-Dichloropropane	4.55	77	25072	4.599	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	19576	5.101	ug/l	96
28) Bromochloromethane	4.98	49	13528	4.887	ug/l	99
29) Tetrahydrofuran	5.09	42	45409	23.857	ug/l	99
30) Chloroform	5.18	83	30108	4.962	ug/l	99
31) Cyclohexane	5.55	56	26358	4.808	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	27994	5.070	ug/l	98
36) 1,1-Dichloropropene	5.77	75	22457	4.783	ug/l	97
37) Ethyl Acetate	4.80	43	26613	4.883	ug/l	98
38) Carbon Tetrachloride	5.76	117	23729	4.957	ug/l	95

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 Data File : VX016447.D
 Acq On : 27 May 2020 14:42
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 27 15:59:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	23525	4.239	ug/l	96
40) Benzene	6.11	78	68902	5.005	ug/l	98
41) Methacrylonitrile	5.00	41	15313	5.213	ug/l	95
42) 1,2-Dichloroethane	6.17	62	24805	5.009	ug/l	99
43) Isopropyl Acetate	6.42	43	42825	4.937	ug/l	99
44) Trichloroethene	7.19	130	23113	4.812	ug/l	91
45) 1,2-Dichloropropane	7.49	63	17227	4.953	ug/l	100
46) Dibromomethane	7.63	93	12016	5.084	ug/l	98
47) Bromodichloromethane	7.87	83	24076	5.000	ug/l	91
48) Methyl methacrylate	7.75	41	19511	4.732	ug/l	99
49) 1,4-Dioxane	7.71	88	9667	98.046	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	131243	24.647	ug/l	100
52) Toluene	8.77	92	42773	4.985	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	26736	4.673	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	28641	4.790	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	17190	5.097	ug/l	96
56) Ethyl methacrylate	9.16	69	25833	4.680	ug/l	99
57) 1,3-Dichloropropane	9.35	76	29527	5.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	67032	22.948	ug/l	99
59) 2-Hexanone	9.48	43	101263	24.179	ug/l	100
60) Dibromochloromethane	9.57	129	18998	5.094	ug/l	99
61) 1,2-Dibromoethane	9.65	107	18492	5.077	ug/l	96
64) Tetrachloroethene	9.32	164	27132	5.118	ug/l	98
65) Chlorobenzene	10.12	112	45861	5.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	17343	5.117	ug/l	97
67) Ethyl Benzene	10.24	91	79923	4.896	ug/l	99
68) m/p-Xylenes	10.34	106	59830	9.804	ug/l	99
69) o-Xylene	10.68	106	28986	4.945	ug/l	96
70) Styrene	10.70	104	47710	4.775	ug/l	98
71) Bromoform	10.84	173	13969	5.019	ug/l #	98
73) Isopropylbenzene	11.00	105	75529	4.926	ug/l	98
74) N-amyl acetate	10.88	43	32418	4.533	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	16870	5.901	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	33032	6.894	ug/l	83
77) Bromobenzene	11.24	156	19816	4.988	ug/l	99
78) n-propylbenzene	11.34	91	82055	4.612	ug/l	99
79) 2-Chlorotoluene	11.40	91	51188	4.849	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	61914	4.776	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	9212	4.638	ug/l	98
82) 4-Chlorotoluene	11.49	91	59681	4.791	ug/l	99
83) tert-Butylbenzene	11.76	119	52688	4.713	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	61096	4.662	ug/l	99
85) sec-Butylbenzene	11.93	105	66154	4.446	ug/l	98
86) p-Isopropyltoluene	12.05	119	61149	4.419	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	34244	4.814	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	34407	4.766	ug/l	91
89) n-Butylbenzene	12.37	91	49282	3.933	ug/l	100
90) Hexachloroethane	12.58	117	10499	4.432	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	33739	4.929	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5918	4.688	ug/l	97

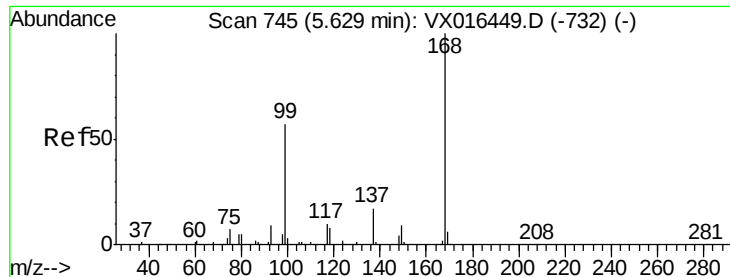
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016447.D
Acq On : 27 May 2020 14:42
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 27 15:59:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 15:52:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	20894	4.161	ug/l	99
94) Hexachlorobutadiene	13.77	225	8536	3.776	ug/l	98
95) Naphthalene	13.82	128	71107	4.357	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	20325	4.173	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

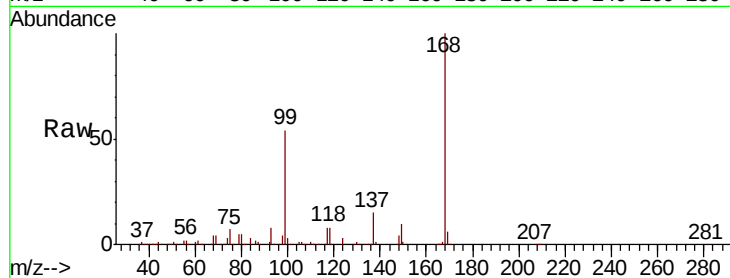
VSTDIC005

Tot Ion:168 Resp: 302926

Ion Ratio Lower Upper

168 100

99 54.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

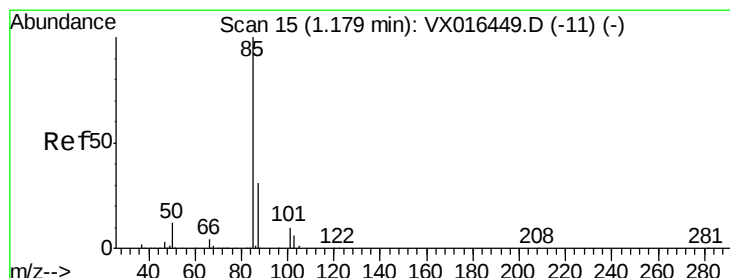
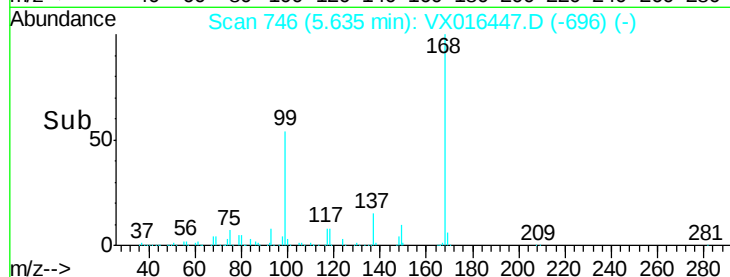
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.606 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016447.D

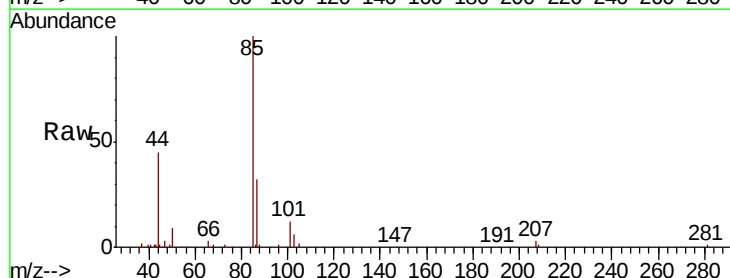
Acq: 27 May 2020 14:42

Tgt Ion: 85 Resp: 14703

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

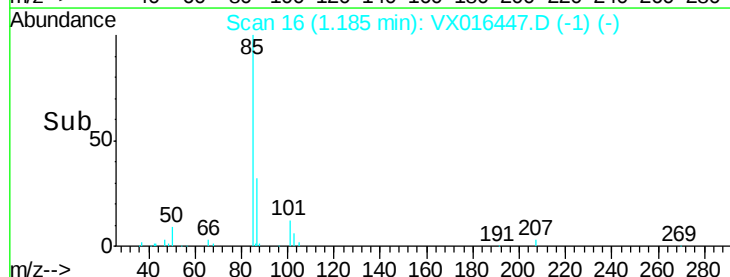
15000

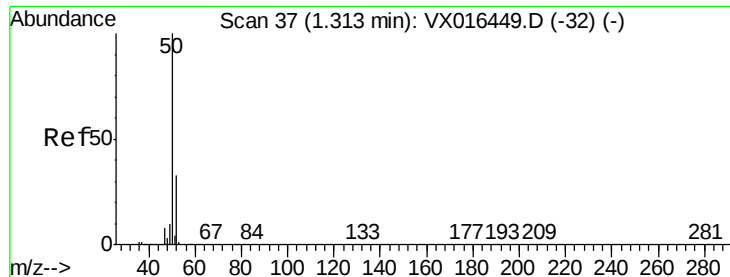
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.082 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

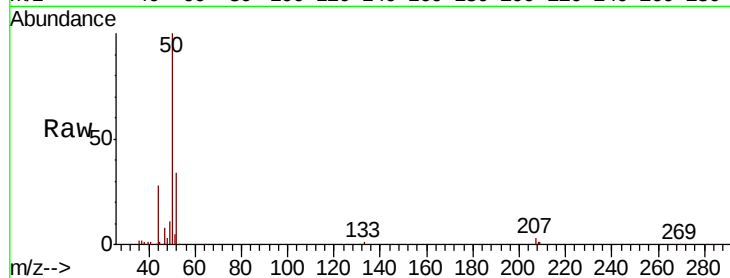
VSTDIC005

Tot Ion: 50 Resp: 18858

Ion Ratio Lower Upper

50 100

52 33.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

20000

15000

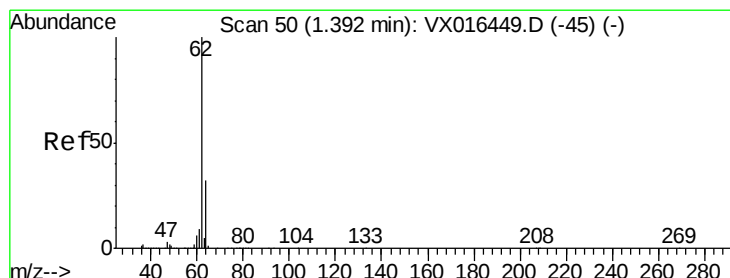
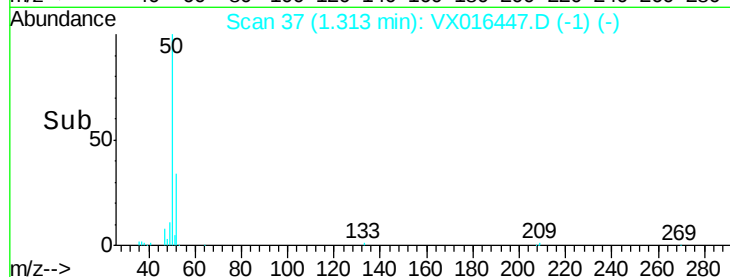
10000

5000

0

Time-->

1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 4.913 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016447.D

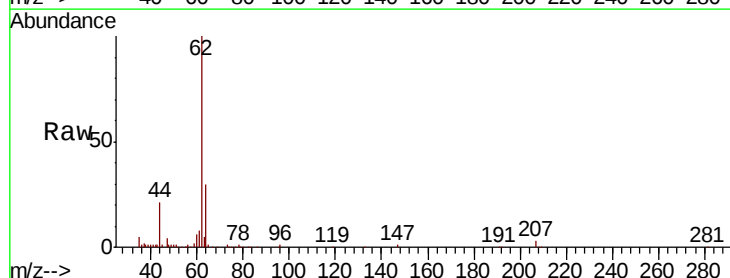
Acq: 27 May 2020 14:42

Tgt Ion: 62 Resp: 19492

Ion Ratio Lower Upper

62 100

64 30.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

25000

20000

15000

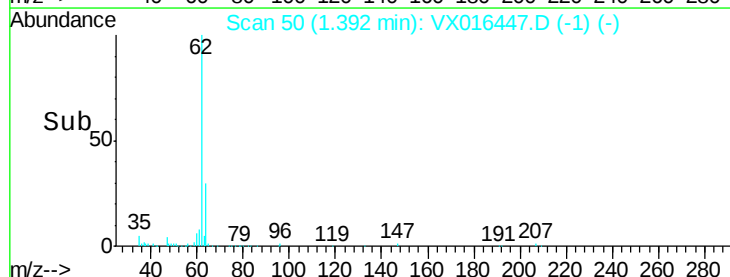
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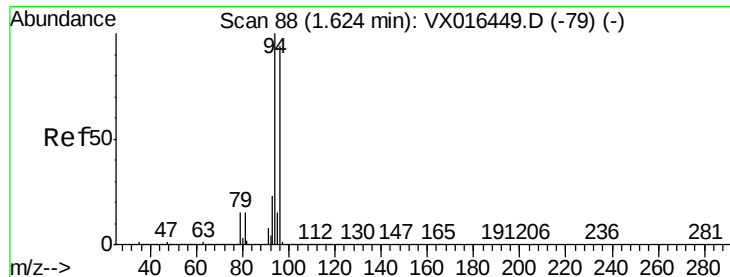
5000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 4.792 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

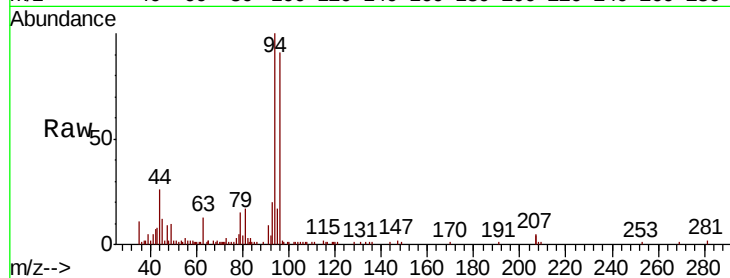
VSTDIC005

Tot Ion: 94 Resp: 9461

Ion Ratio Lower Upper

94 100

96 89.6 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

10000

8000

6000

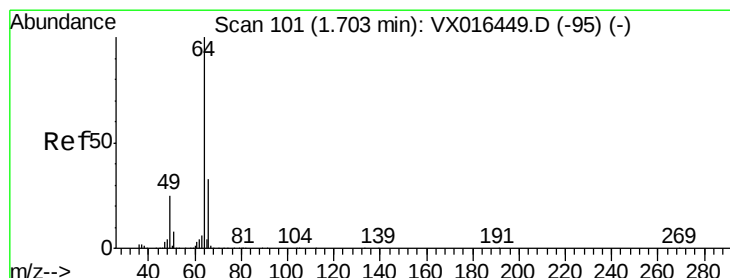
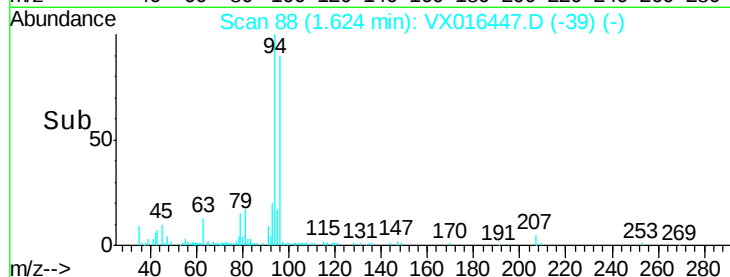
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 4.872 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016447.D

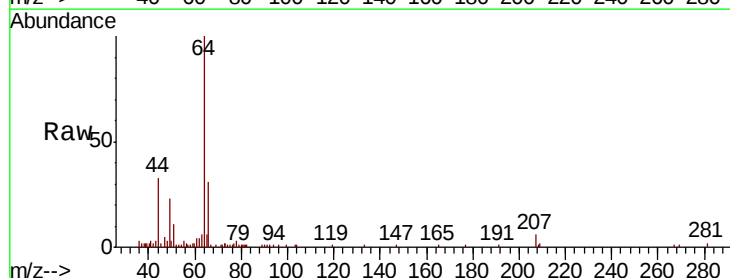
Acq: 27 May 2020 14:42

Tgt Ion: 64 Resp: 11645

Ion Ratio Lower Upper

64 100

66 30.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

10000

8000

6000

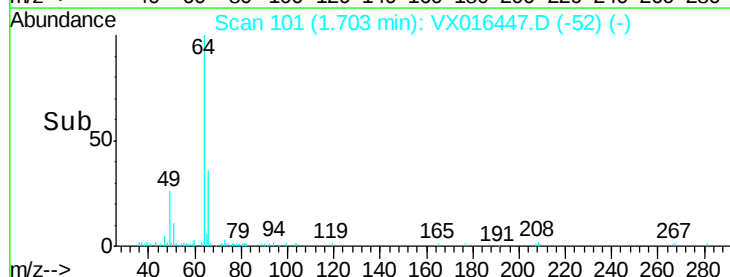
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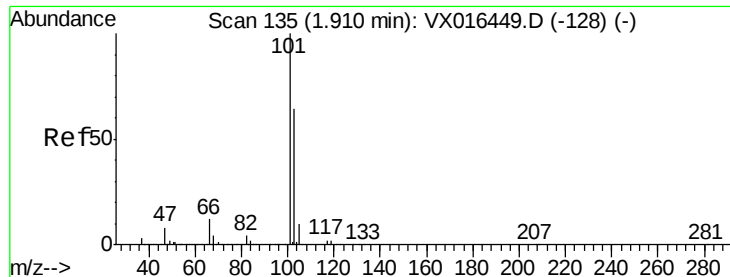
2000

0

1.65 1.70 1.75 1.80

Time-->



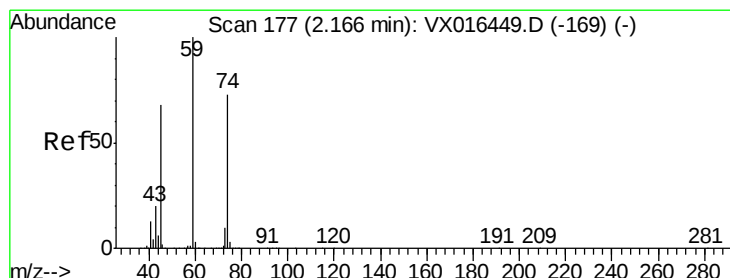
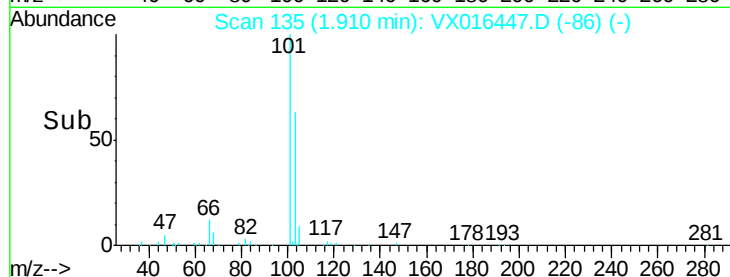
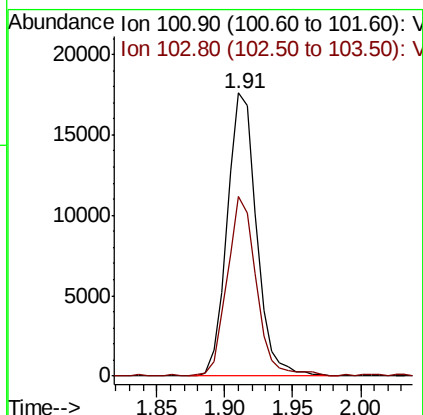
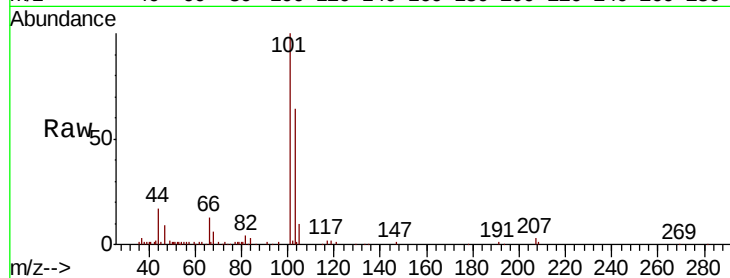


#7

Trichlorofluoromethane
 Concen: 5.071 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

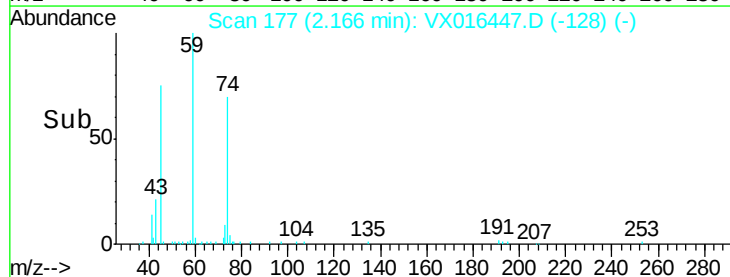
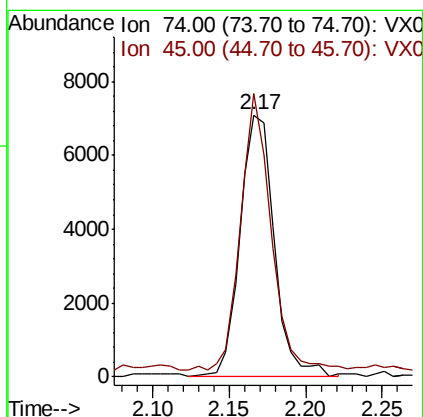
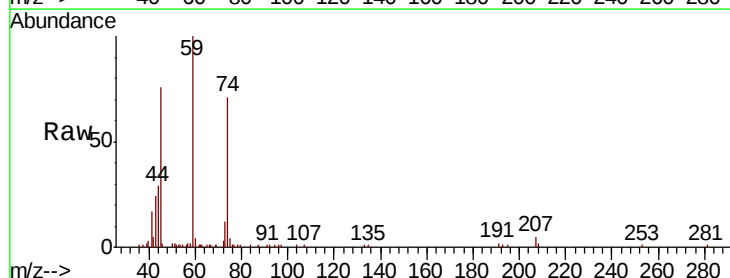
Tot Ion:101 Resp: 26400
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.9 76.3

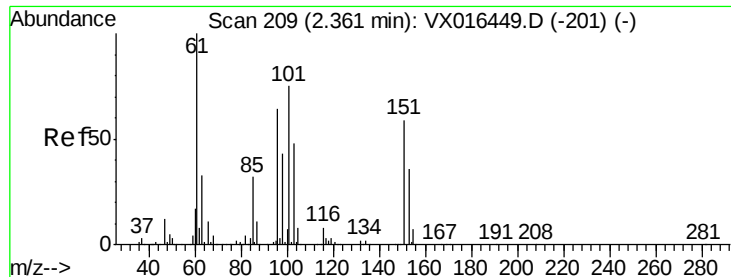


#8

Diethyl Ether
 Concen: 5.039 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 74 Resp: 11007
 Ion Ratio Lower Upper
 74 100
 45 92.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.825 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

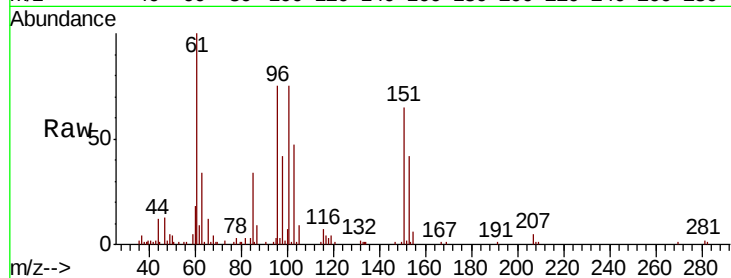
Tot Ion:101 Resp: 14382

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

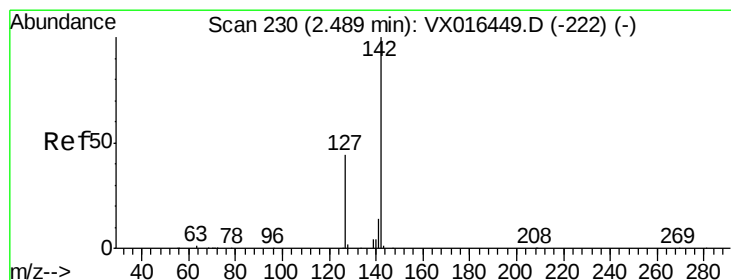
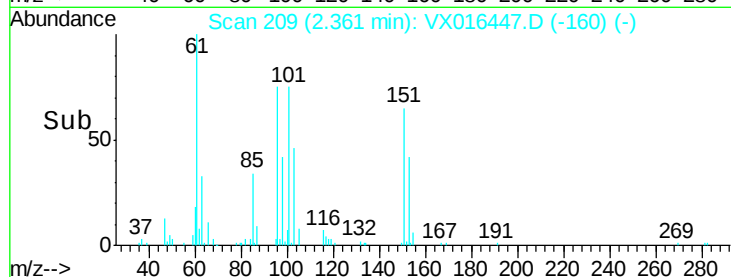
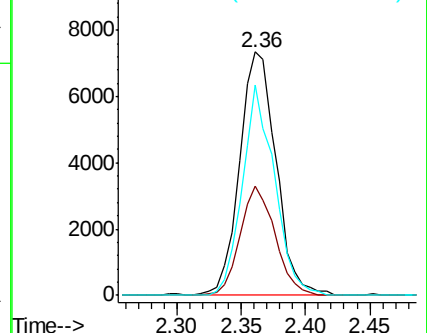
151 76.2 63.8 95.6



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: 2.828 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

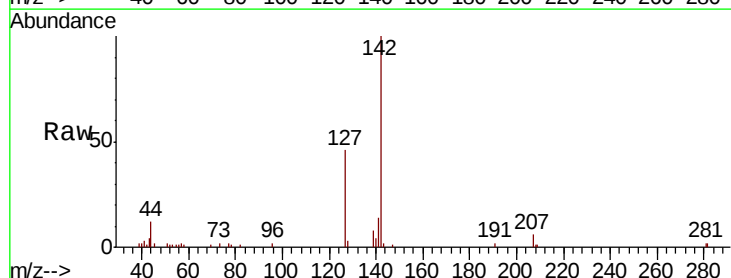
Tgt Ion:142 Resp: 10878

Ion Ratio Lower Upper

142 100

127 44.0 35.3 52.9

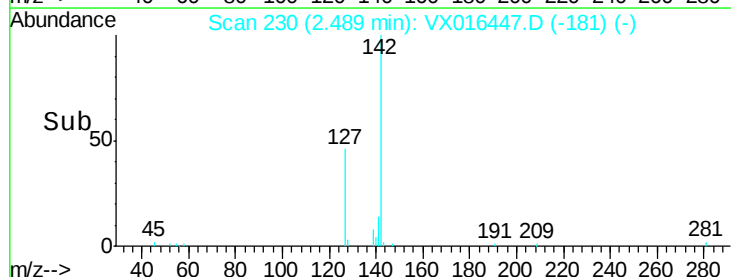
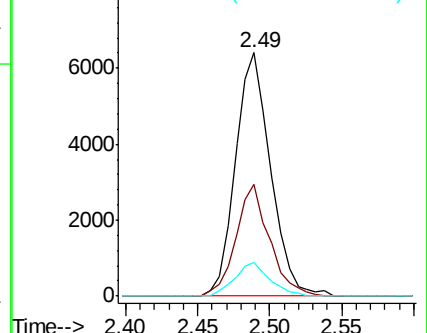
141 13.9 11.4 17.2

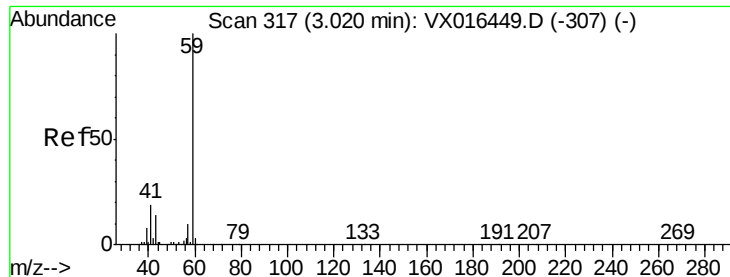


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



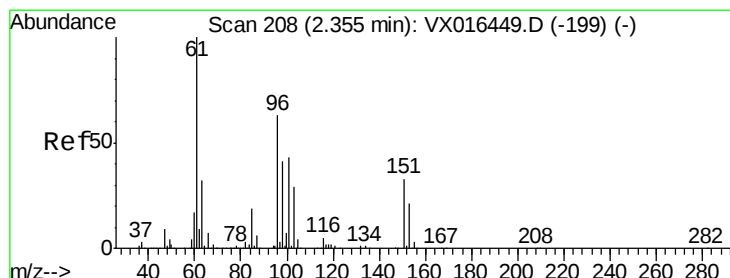
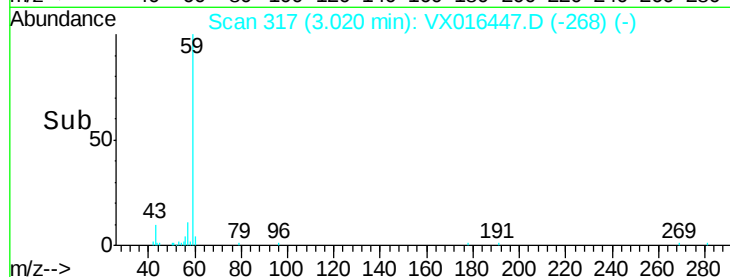
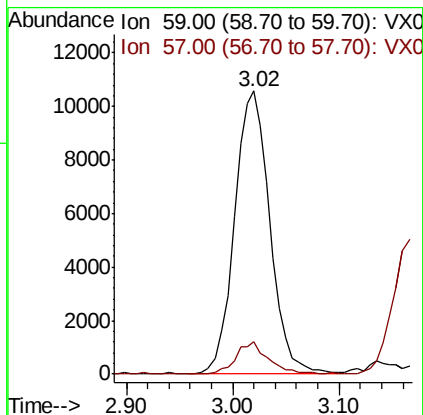
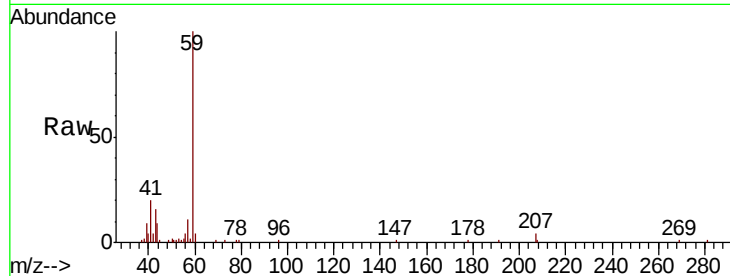


#11

Tert butyl alcohol
 Concen: 24.469 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

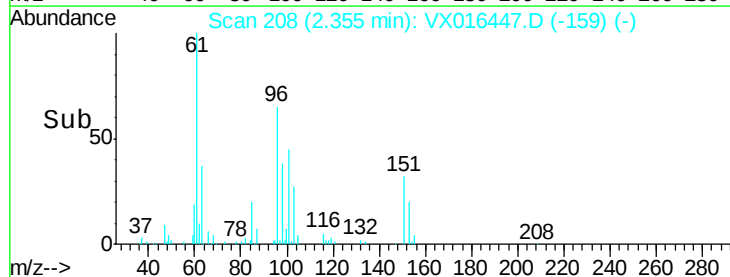
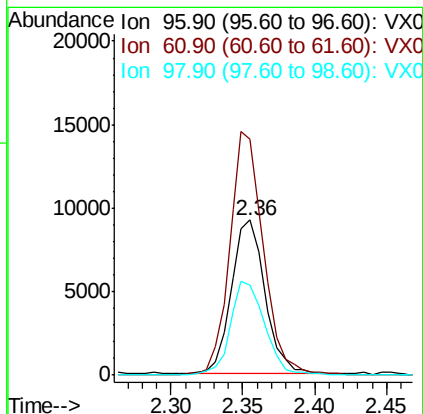
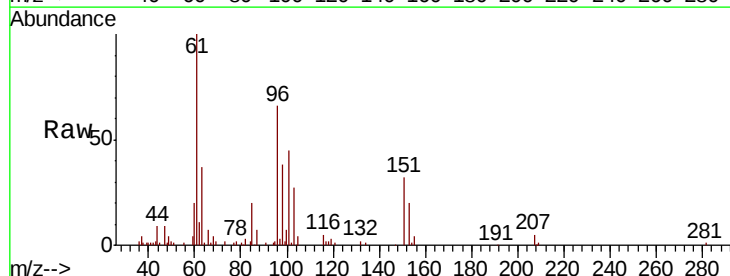
Tot Ion: 59 Resp: 24592
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

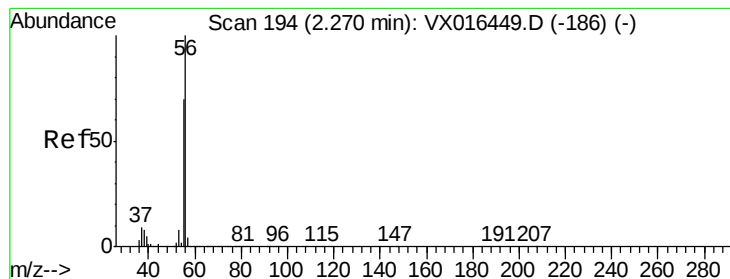


#12

1,1-Dichloroethene
 Concen: 4.858 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 96 Resp: 15163
 Ion Ratio Lower Upper
 96 100
 61 152.2 126.6 189.8
 98 58.7 51.3 76.9





#13

Acrolein

Concen: 19.236 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

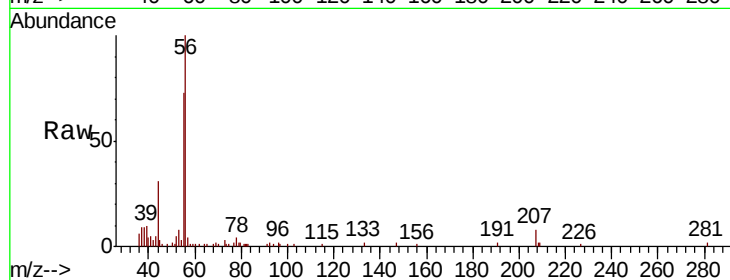
VSTDIC005

Tot Ion: 56 Resp: 11279

Ion Ratio Lower Upper

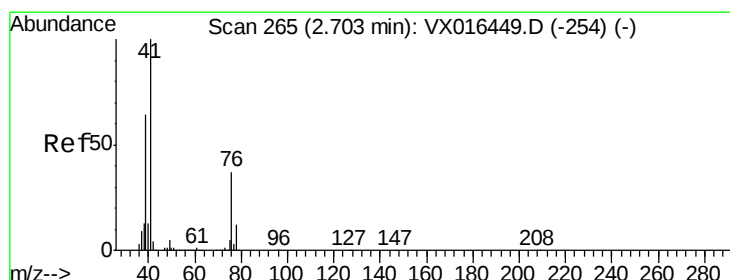
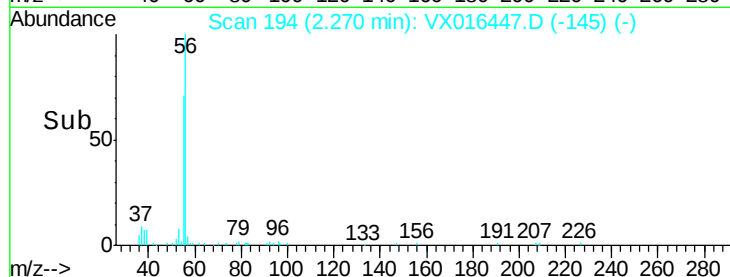
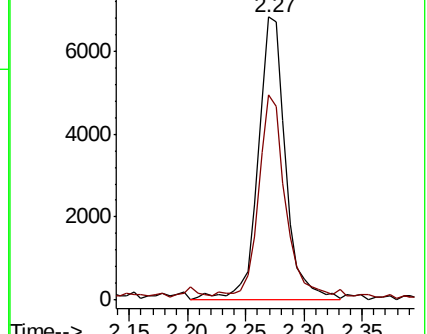
56 100

55 67.7 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.731 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

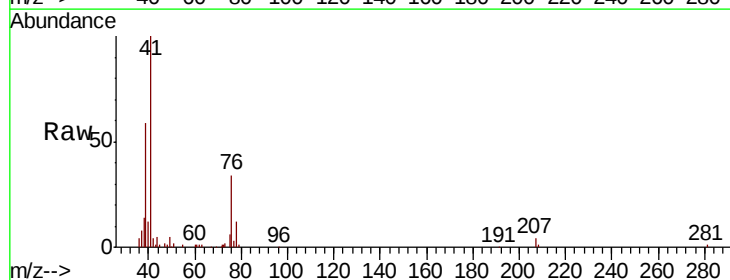
Tgt Ion: 41 Resp: 27166

Ion Ratio Lower Upper

41 100

39 58.2 47.7 71.5

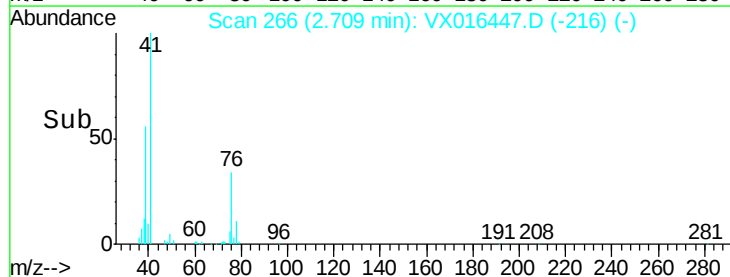
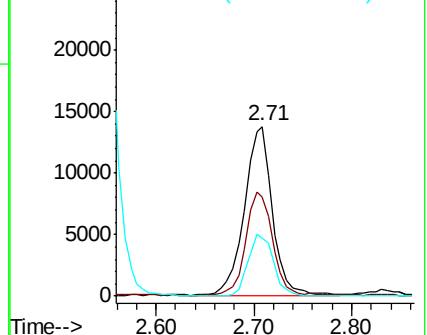
76 33.2 26.6 40.0

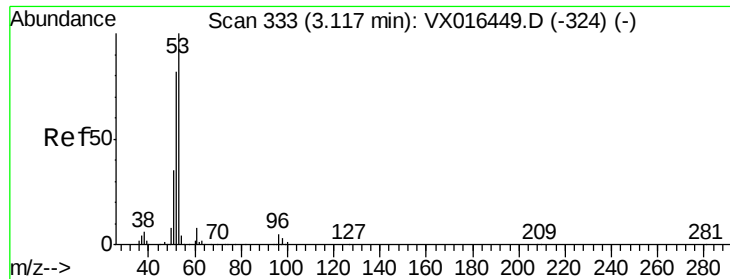


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

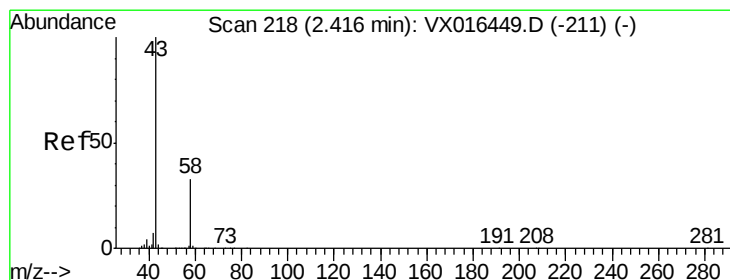
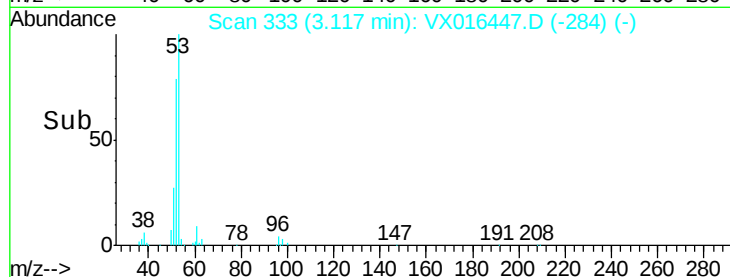
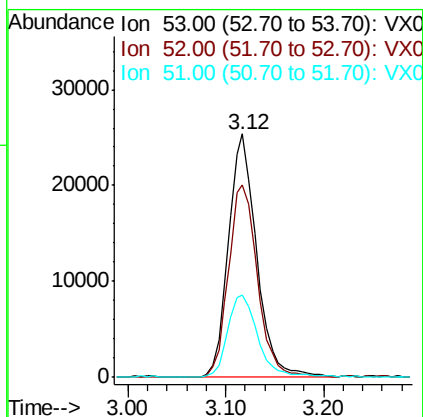
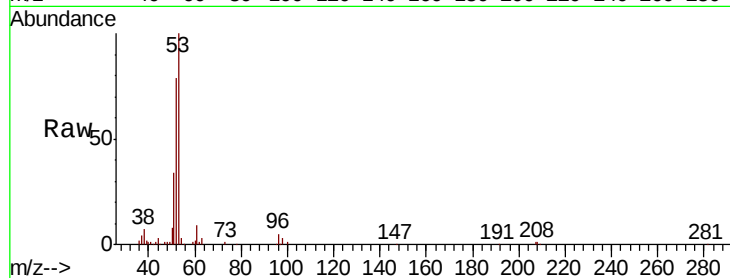




#15
 Acrylonitrile
 Concen: 24.326 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

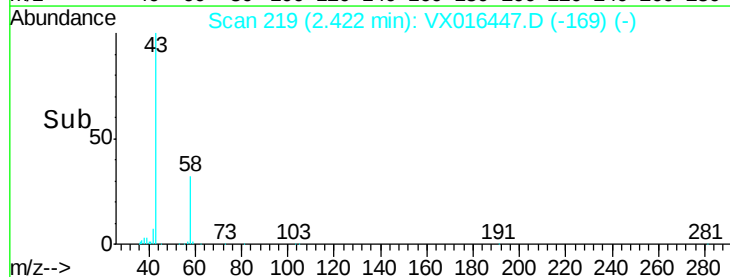
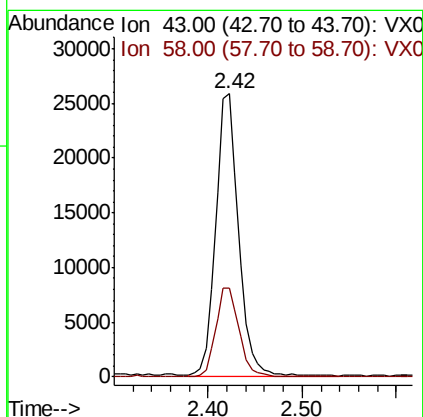
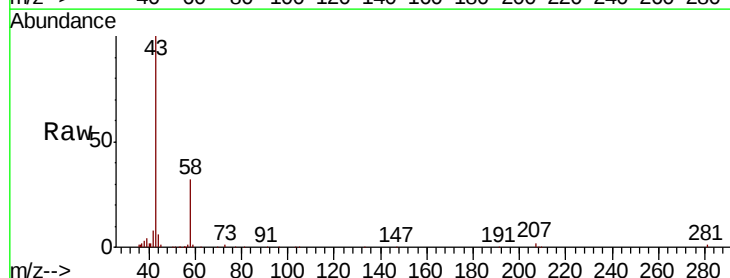
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

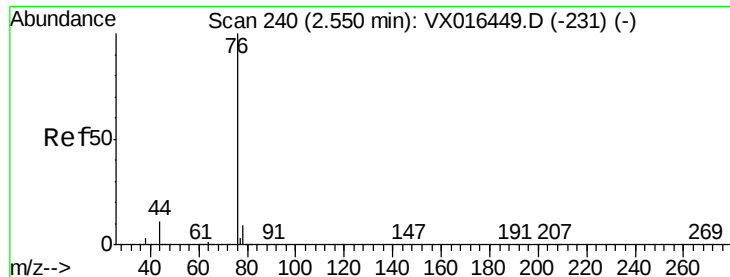
Tot Ion: 53 Resp: 50888
 Ion Ratio Lower Upper
 53 100
 52 81.5 66.7 100.1
 51 37.0 28.6 43.0



#16
 Acetone
 Concen: 24.449 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 43 Resp: 43325
 Ion Ratio Lower Upper
 43 100
 58 31.7 26.1 39.1

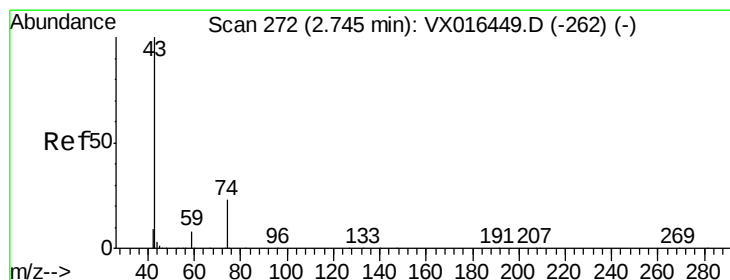
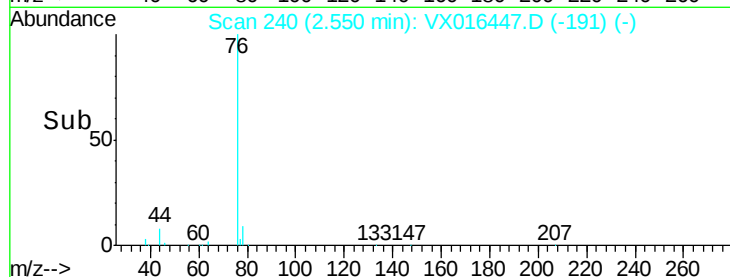
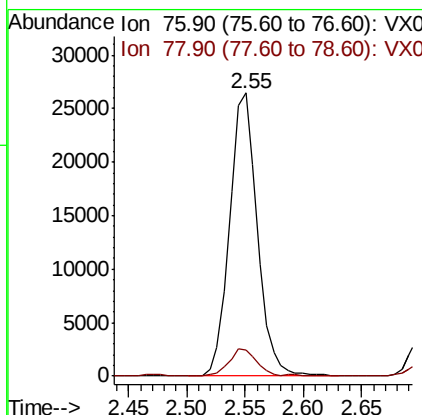
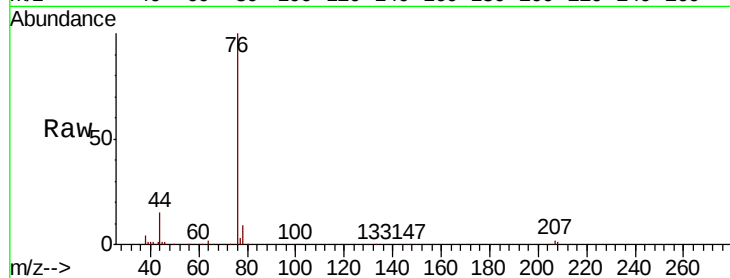




#17
Carbon Disulfide
Concen: 4.135 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

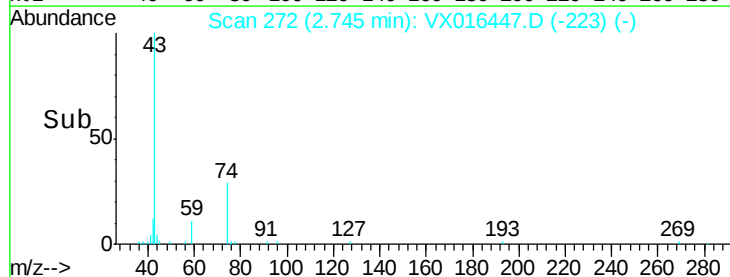
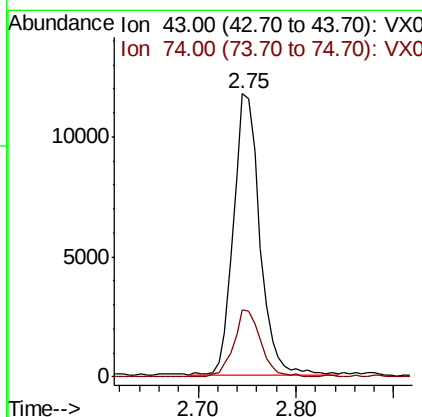
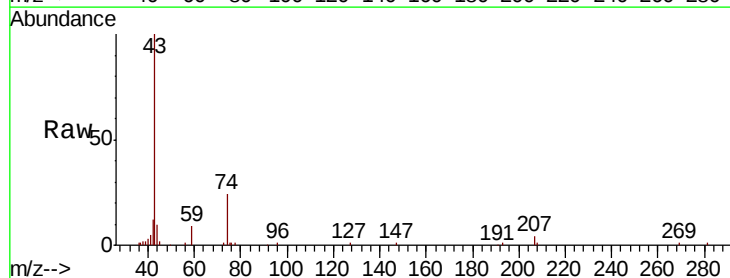
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

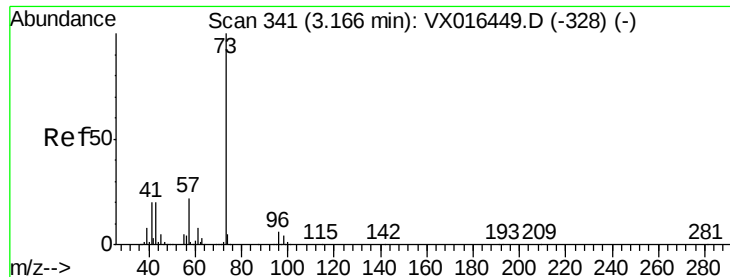
Tot Ion: 76 Resp: 43907
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 5.021 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion: 43 Resp: 22053
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



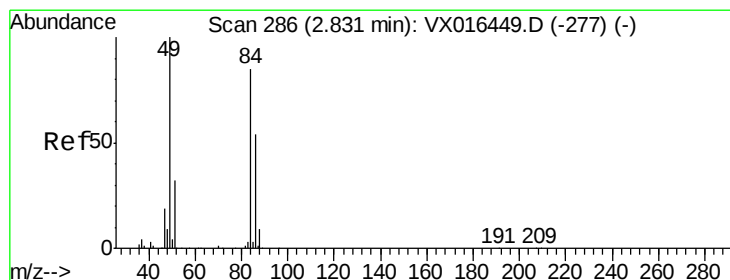
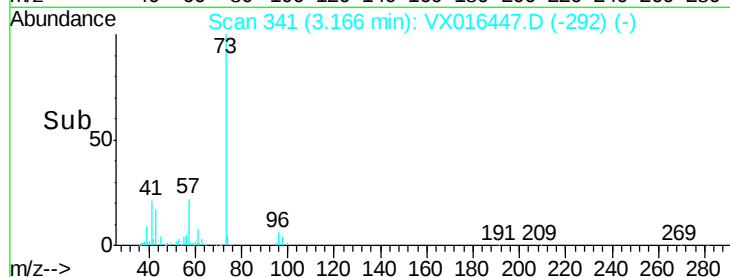
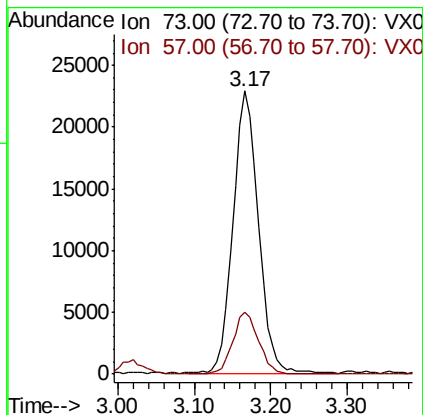
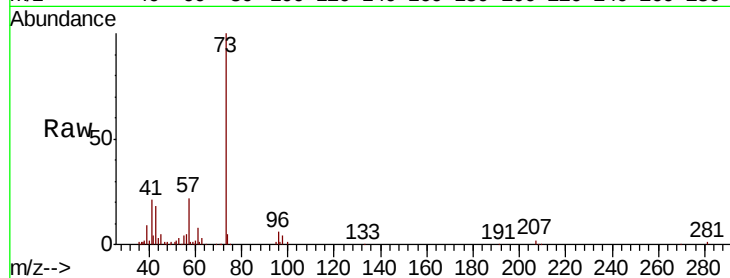


#19

Methyl tert-butyl Ether
 Concen: 4.802 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

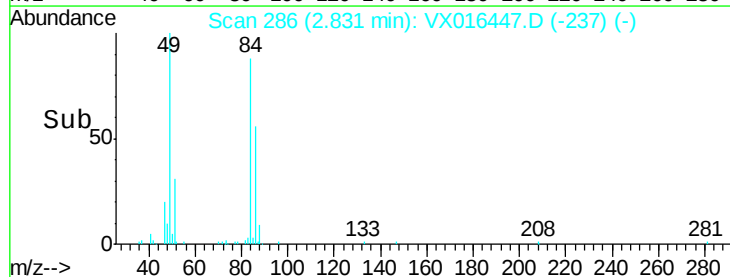
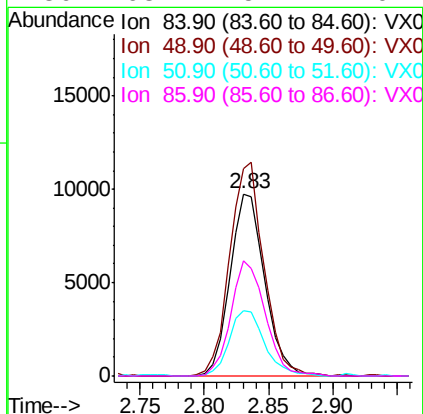
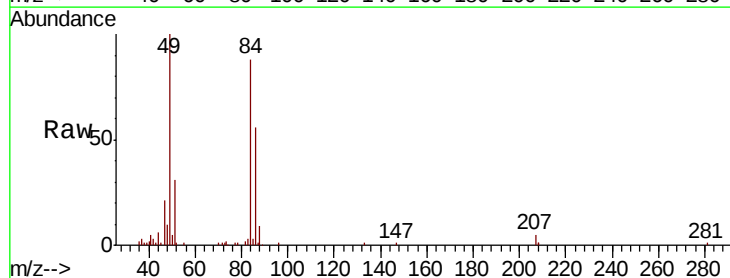
Tot Ion: 73 Resp: 52143
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.6

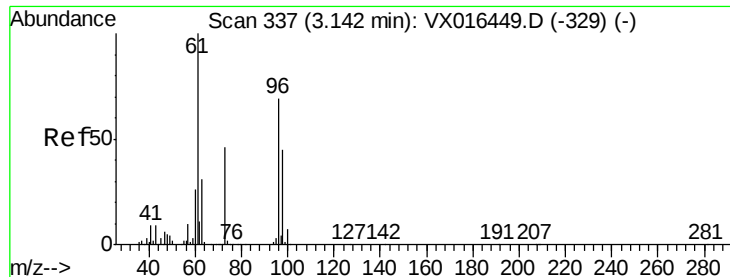


#20

Methylene Chloride
 Concen: 5.003 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 84 Resp: 18295
 Ion Ratio Lower Upper
 84 100
 49 113.9 94.5 141.7
 51 35.5 30.2 45.4
 86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 4.715 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

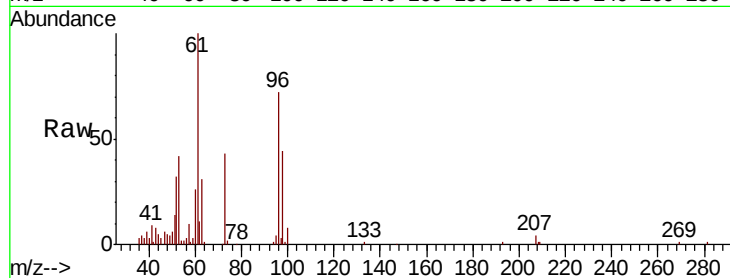
Tot Ion: 96 Resp: 16510

Ion Ratio Lower Upper

96 100

61 138.2 115.3 172.9

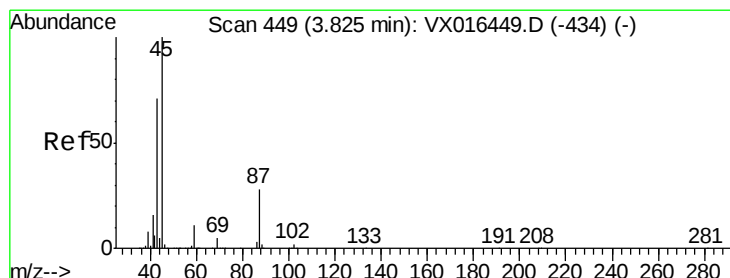
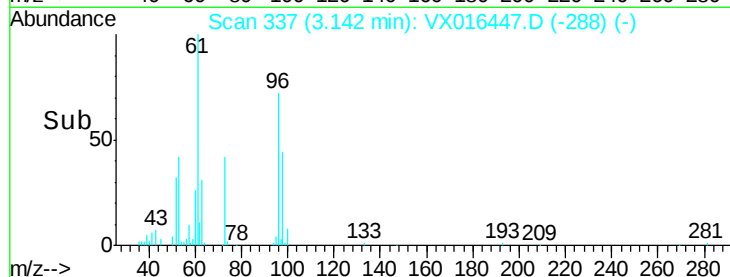
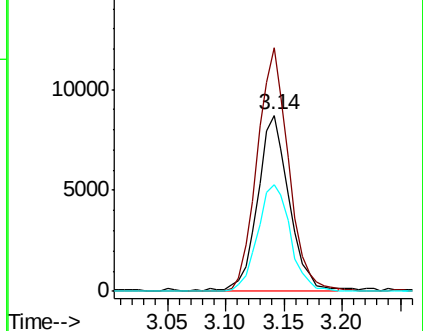
98 60.5 51.9 77.9



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: 4.875 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Tgt Ion: 45 Resp: 53156

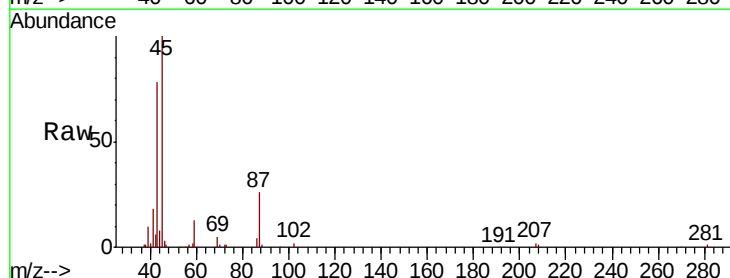
Ion Ratio Lower Upper

45 100

43 78.1 57.0 85.6

87 26.2 22.5 33.7

59 13.1 9.1 13.7

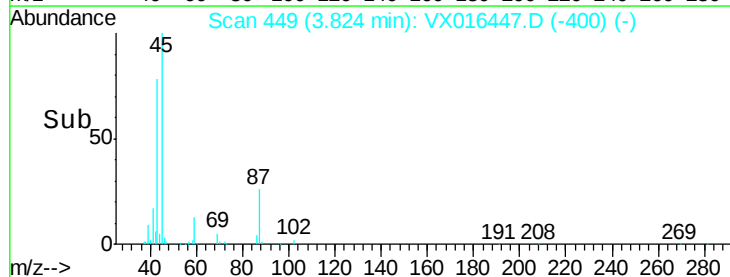
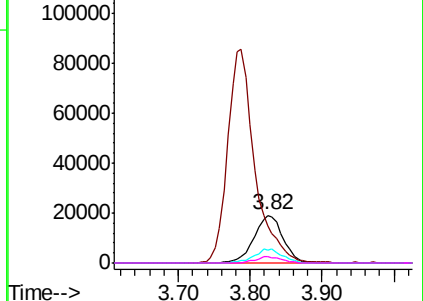


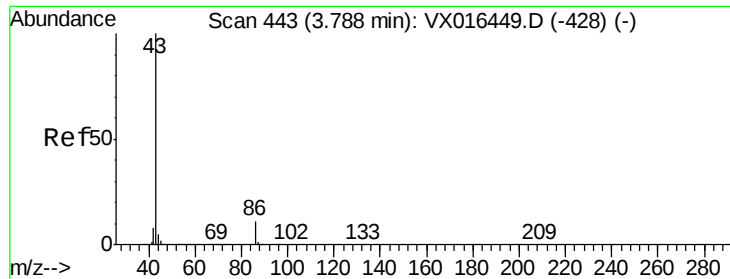
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 23.493 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

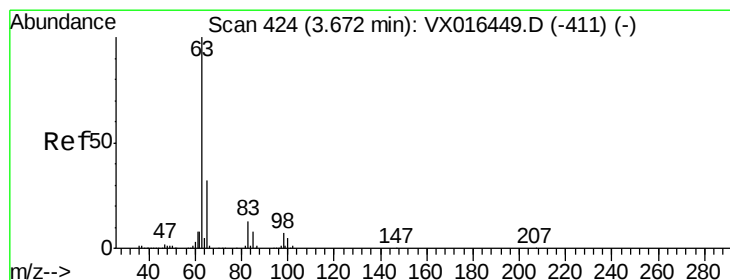
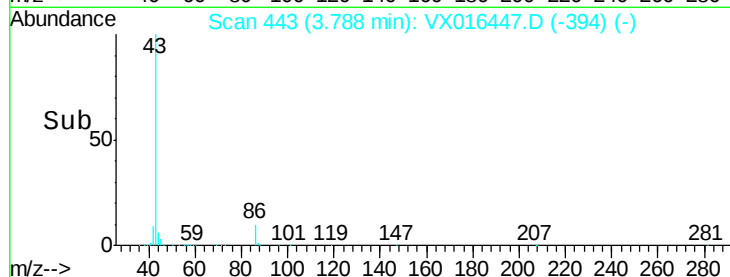
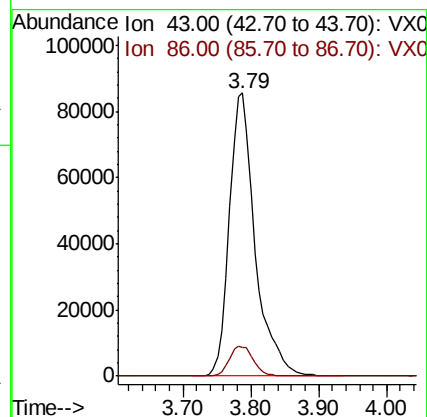
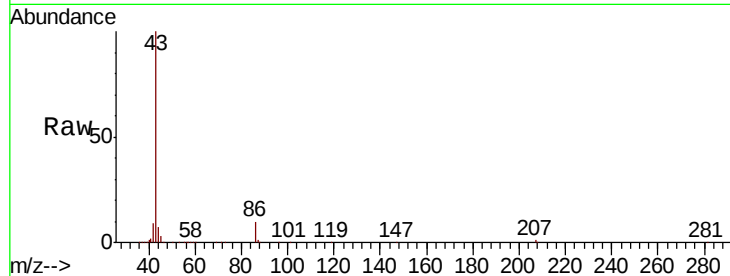
VSTDIC005

Tot Ion: 43 Resp: 225098

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



#24

1,1-Dichloroethane

Concen: 4.884 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

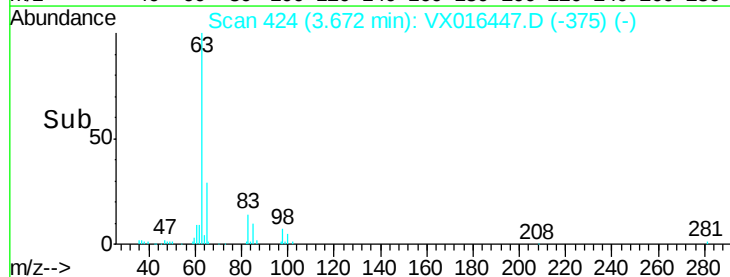
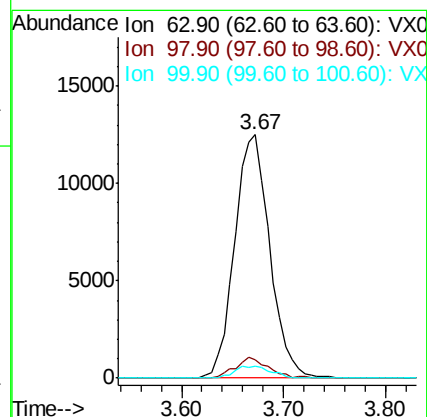
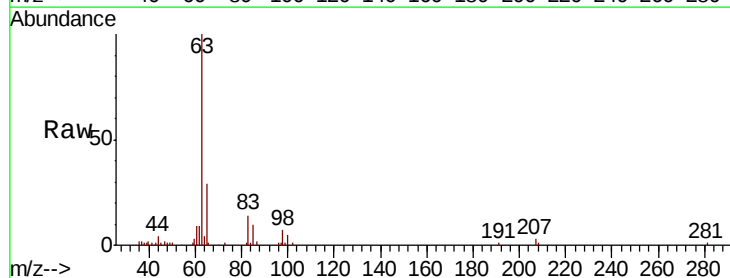
Tgt Ion: 63 Resp: 29775

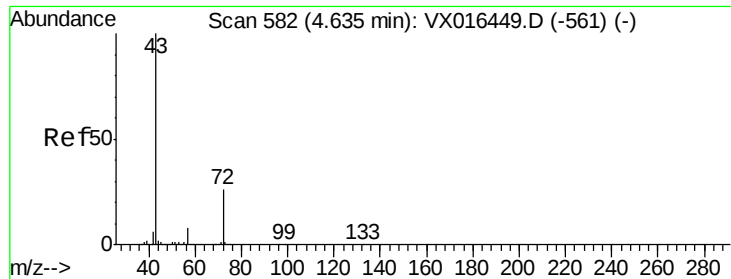
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 24.444 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

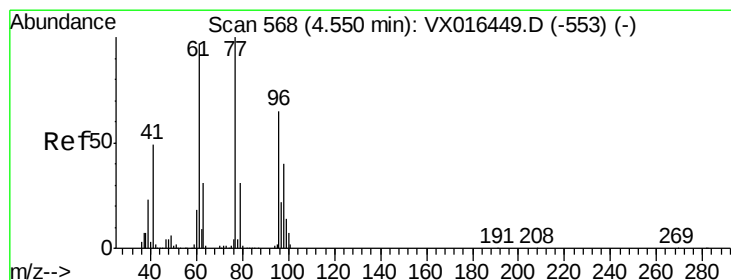
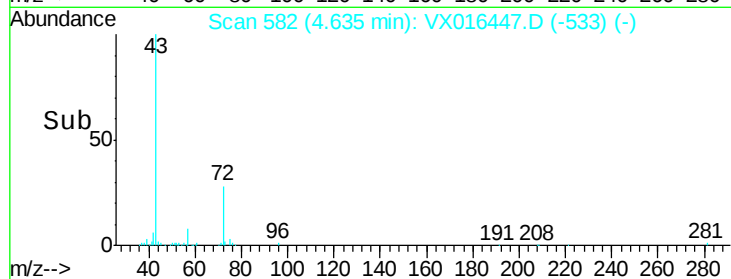
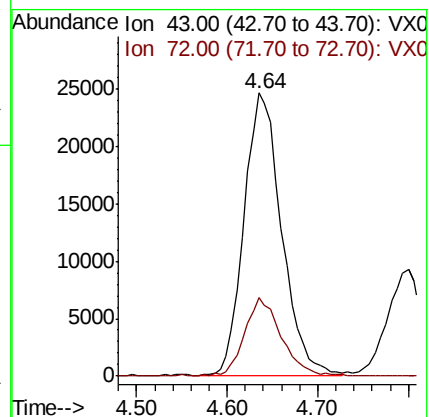
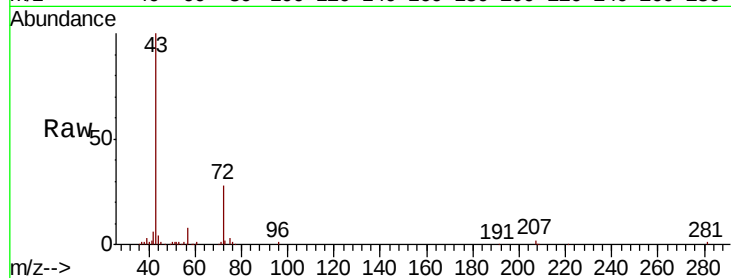
VSTDIC005

Tot Ion: 43 Resp: 70309

Ion Ratio Lower Upper

43 100

72 27.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 4.599 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016447.D

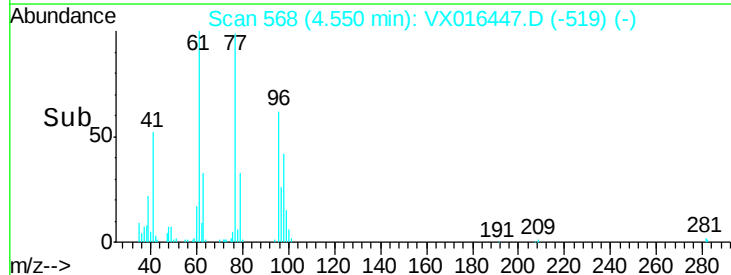
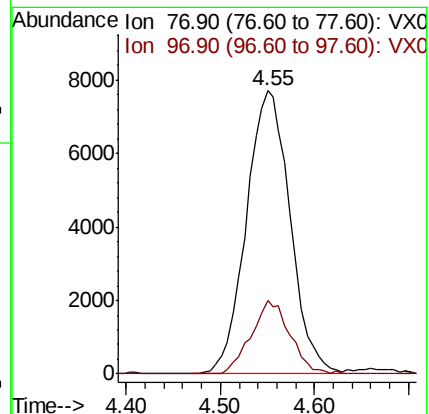
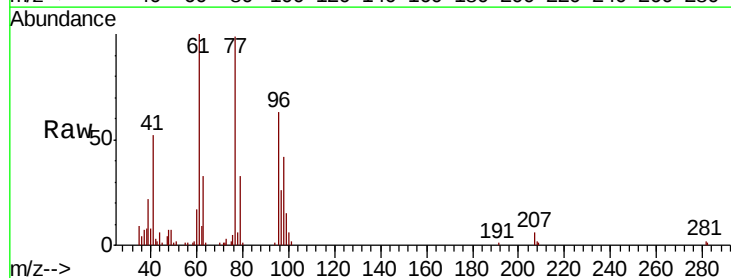
Acq: 27 May 2020 14:42

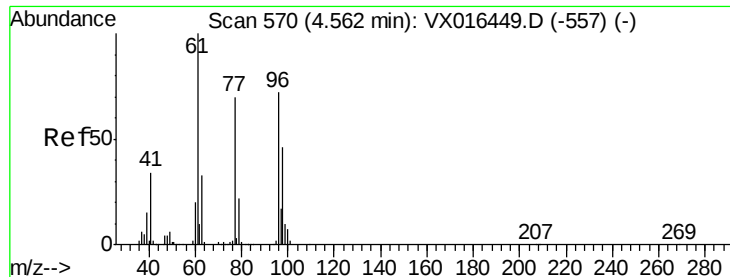
Tgt Ion: 77 Resp: 25072

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



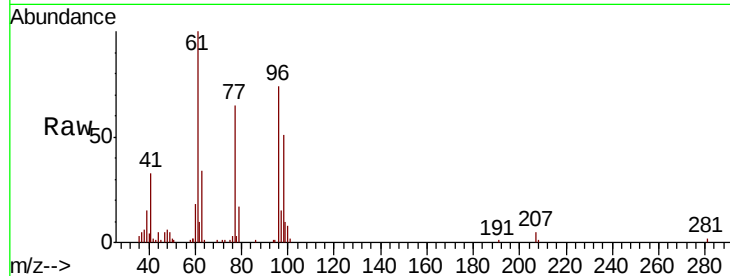


#27

cis-1,2-Dichloroethene
Concen: 5.101 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	284.6
98	61.8	0.0	127.2

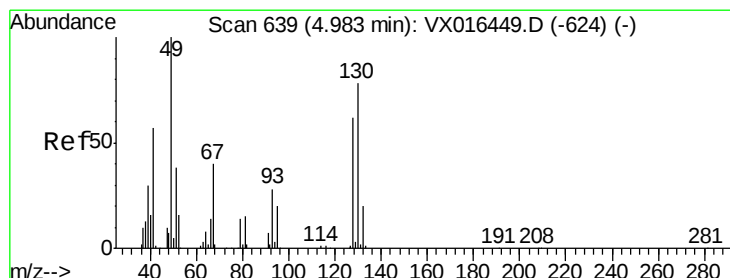
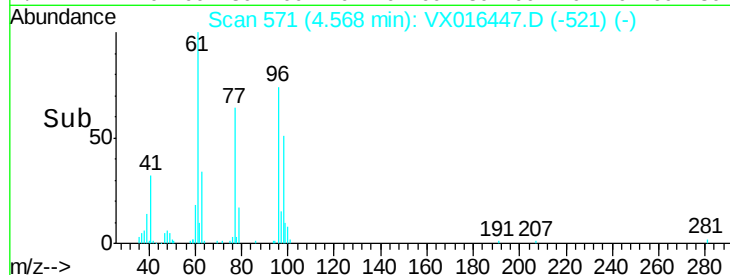
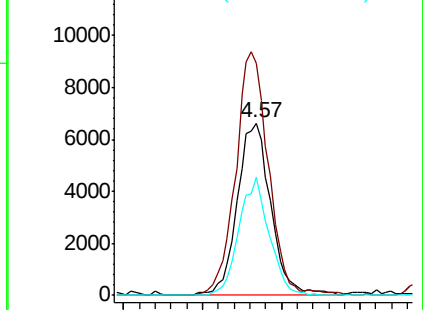


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

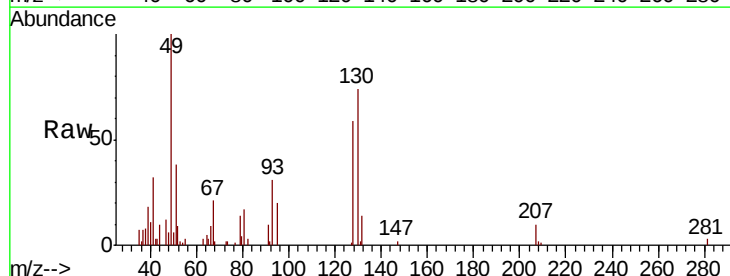
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 4.887 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.0
130	78.3	63.0	94.4

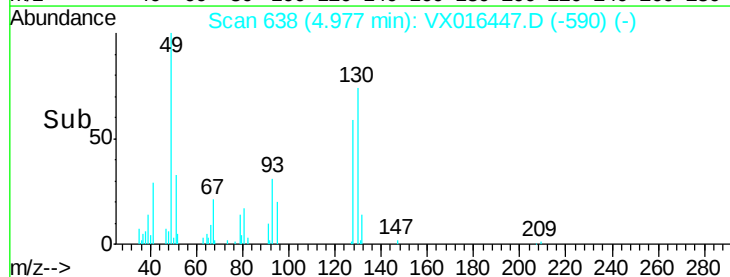
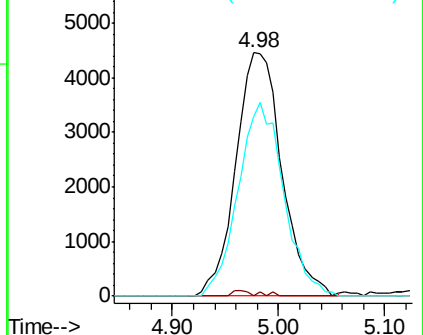


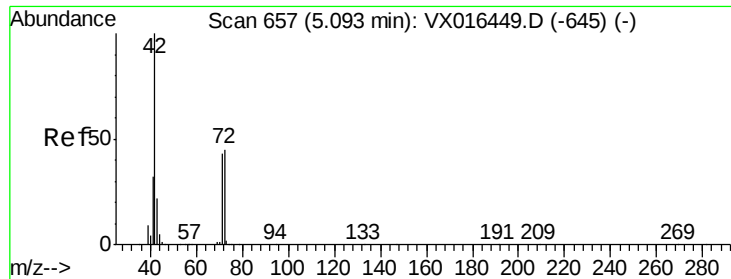
Abundance

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: 23.857 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

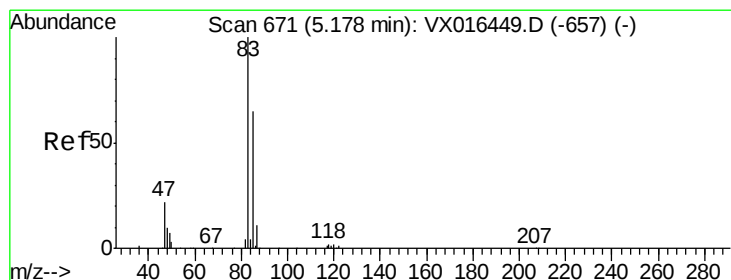
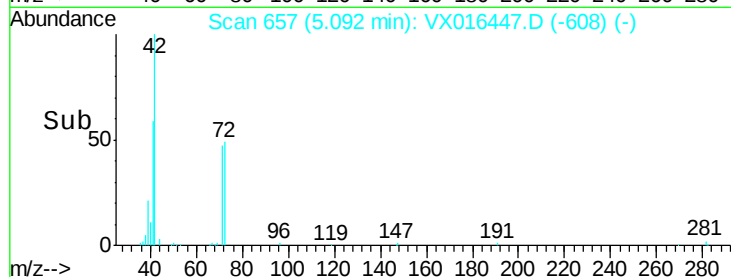
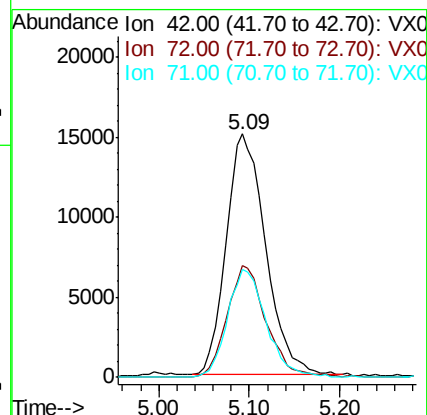
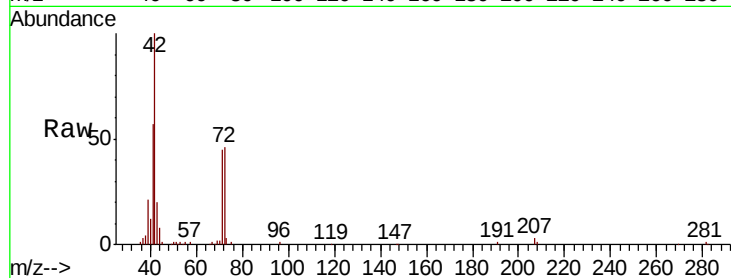
Tot Ion: 42 Resp: 45409

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.4

71 44.0 34.1 51.1



#30

Chloroform

Concen: 4.962 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016447.D

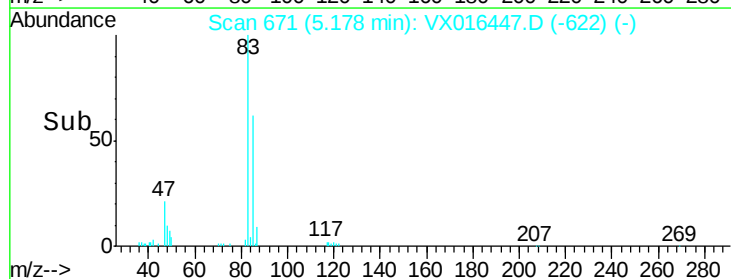
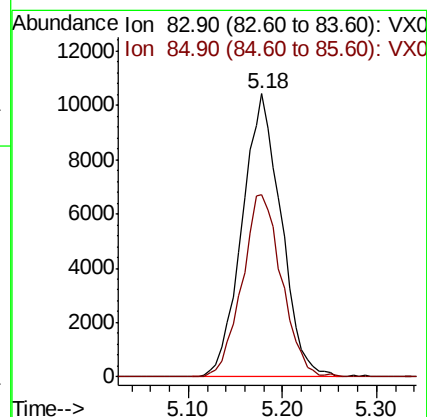
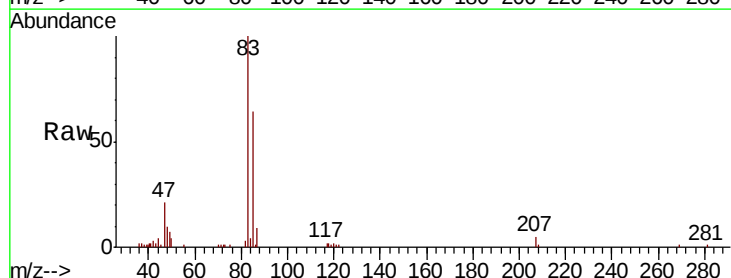
Acq: 27 May 2020 14:42

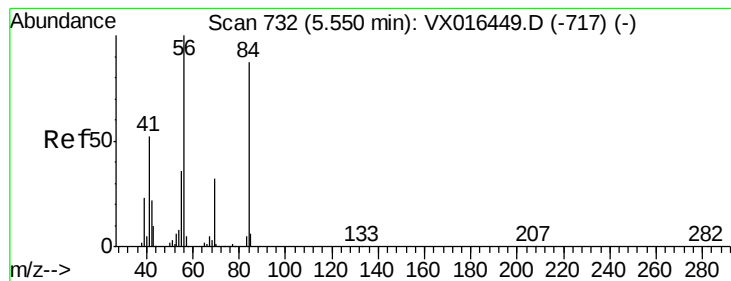
Tgt Ion: 83 Resp: 30108

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0





#31

Cyclohexane

Concen: 4.808 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

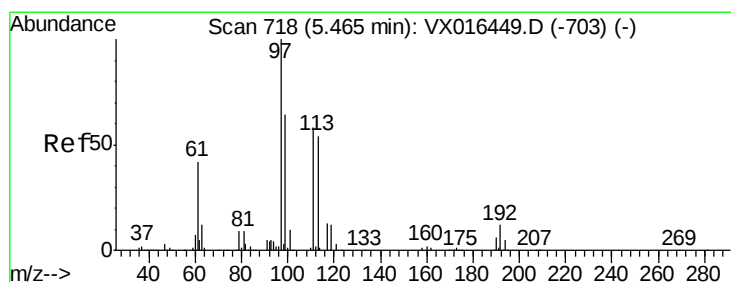
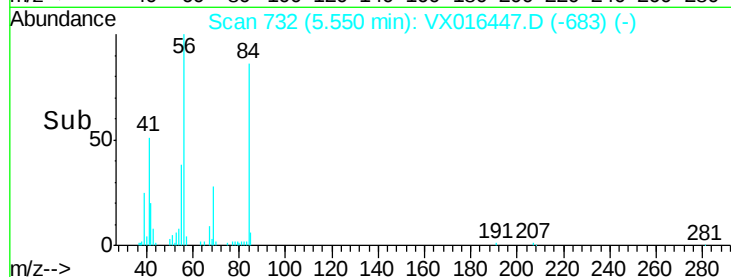
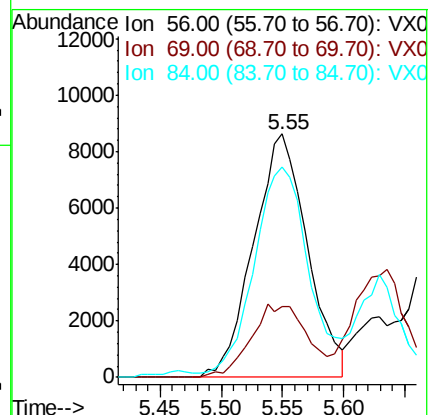
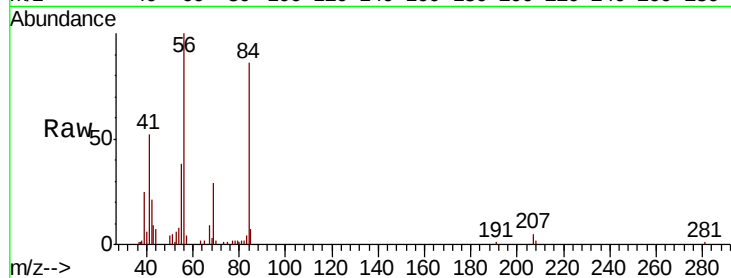
Tot Ion: 56 Resp: 26358

Ion Ratio Lower Upper

56 100

69 28.9 25.7 38.5

84 84.6 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 5.070 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

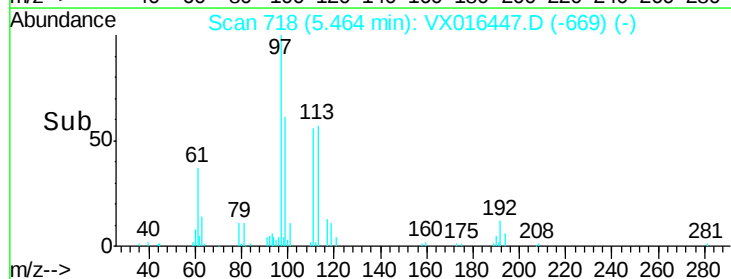
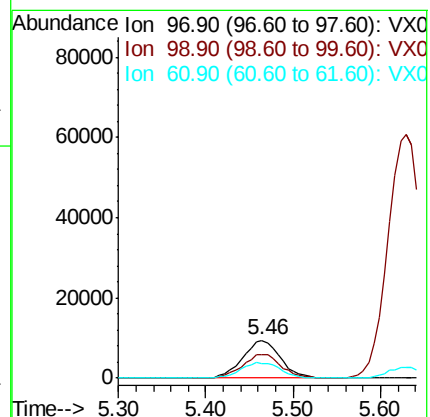
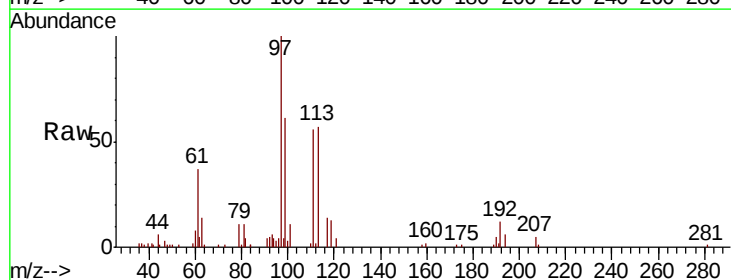
Tgt Ion: 97 Resp: 27994

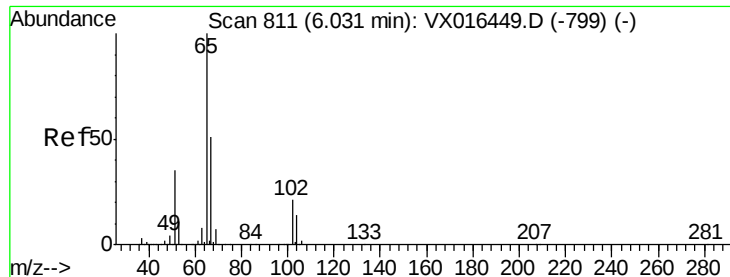
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 43.4 33.5 50.3

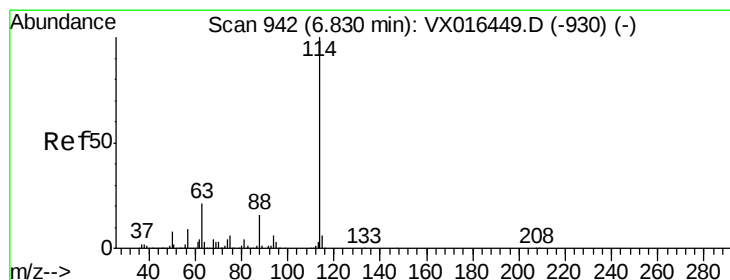
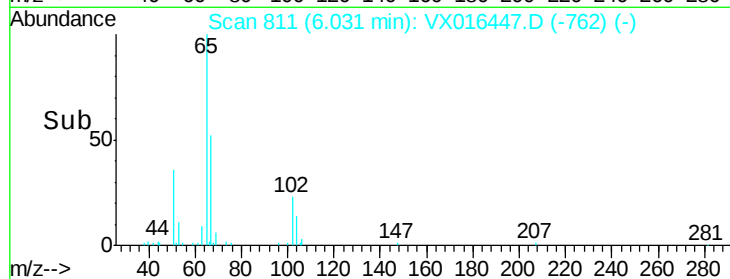
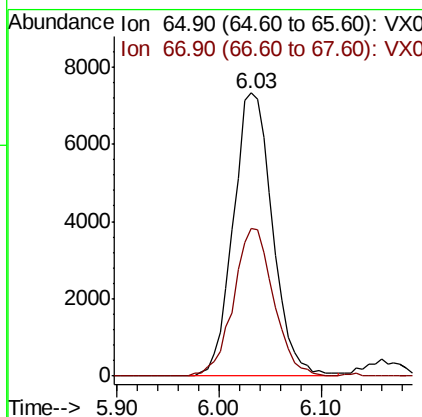
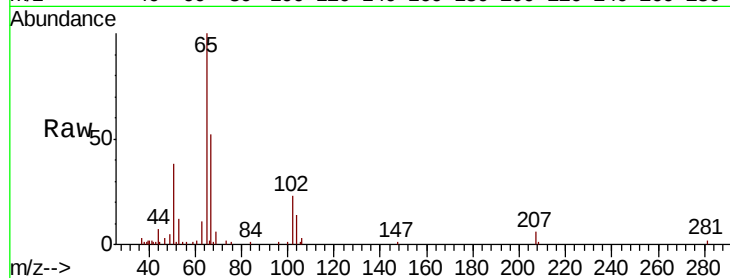




#33
 1,2-Dichloroethane-d4
 Concen: 4.911 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

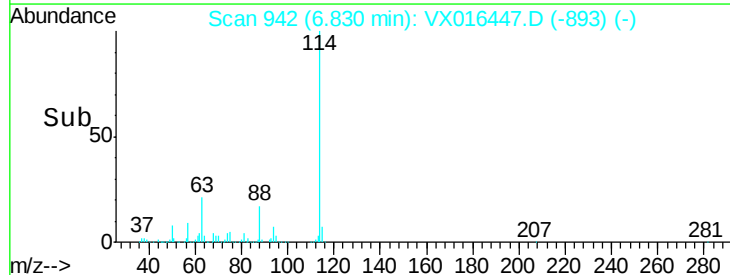
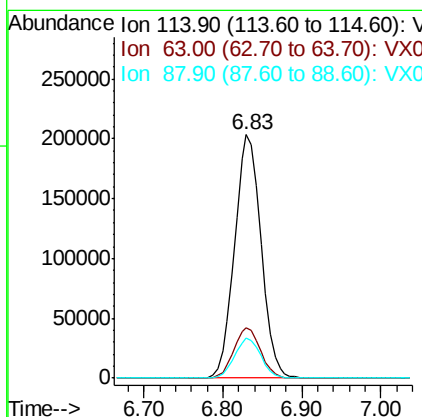
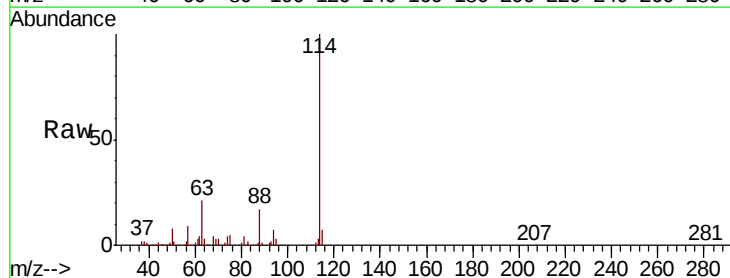
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

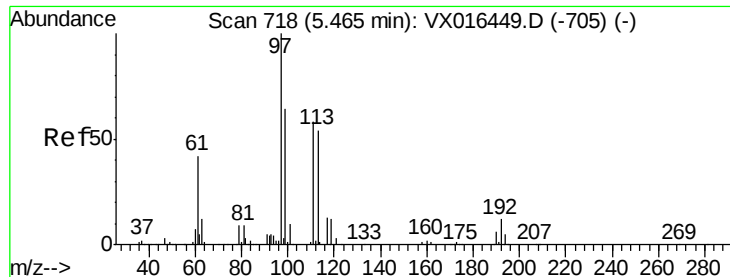
Tot Ion: 65 Resp: 19597
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 114 Resp: 475983
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.5 0.0 32.8

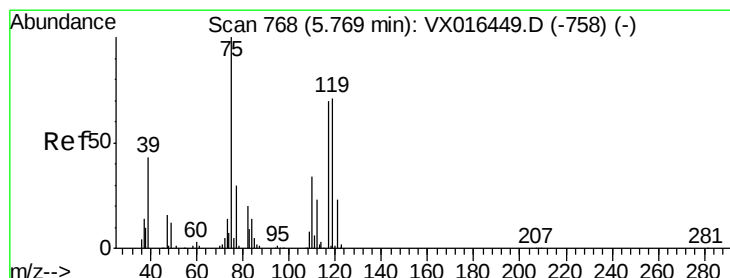
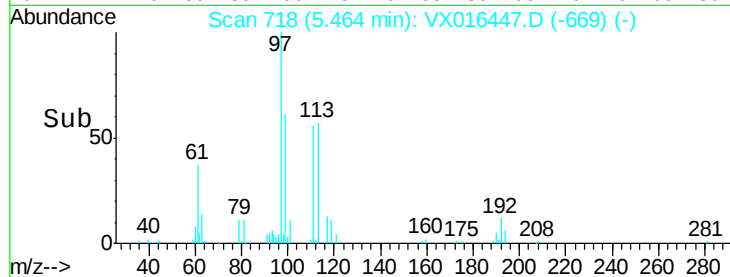
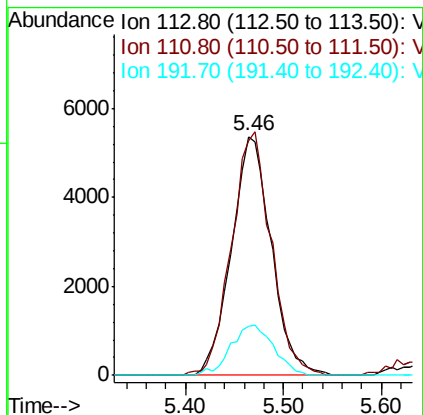
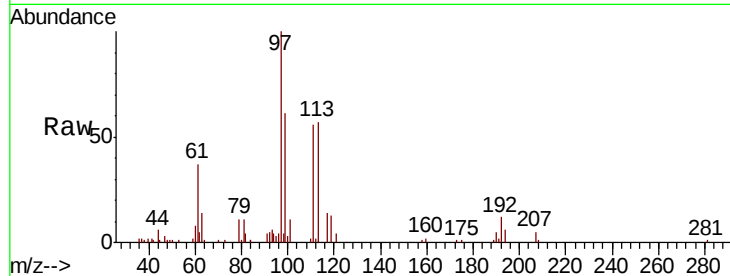




#35
 Dibromofluoromethane
 Concen: 5.024 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

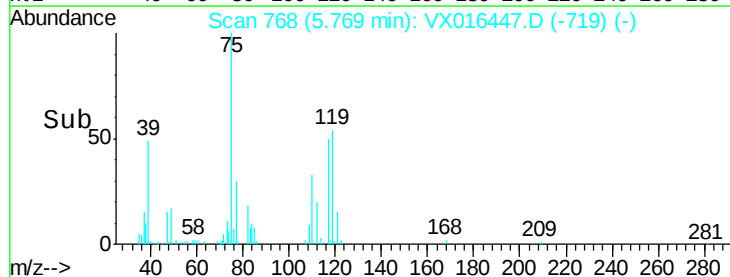
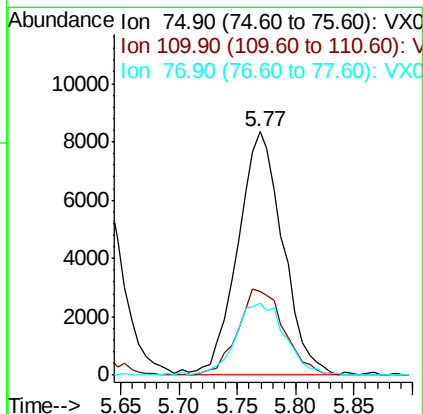
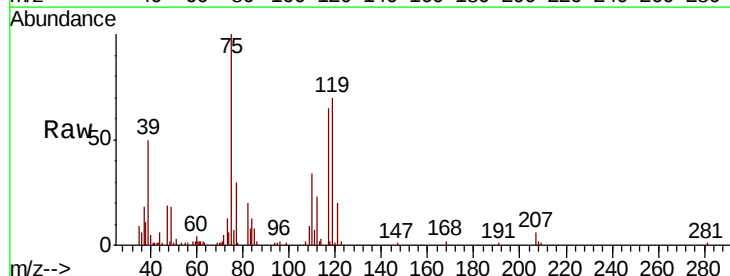
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

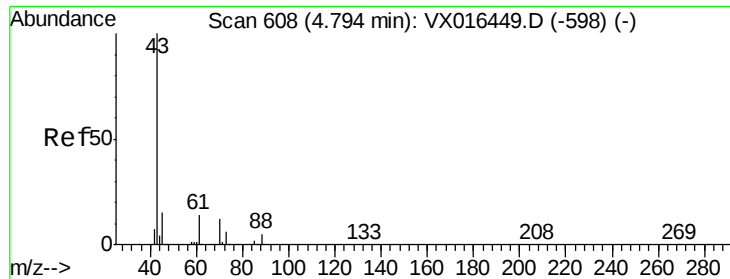
Tot Ion:113 Resp: 15211
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 22.5 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 4.783 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion: 75 Resp: 22457
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.4 52.3
 77 32.5 24.2 36.4

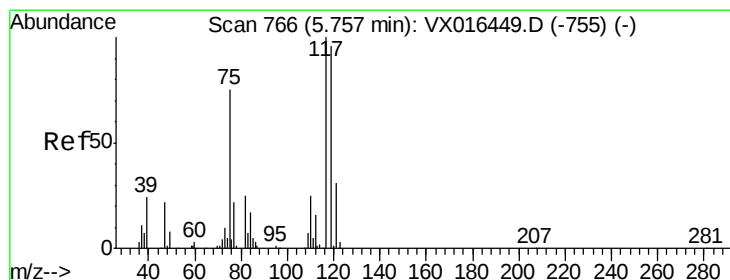
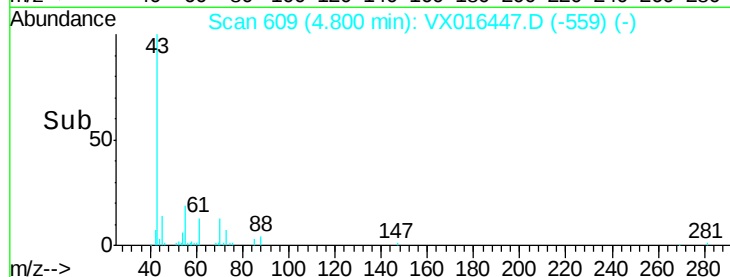
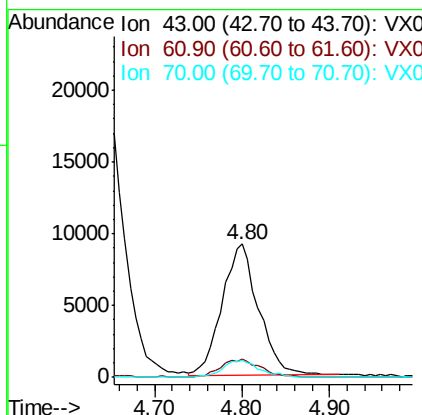
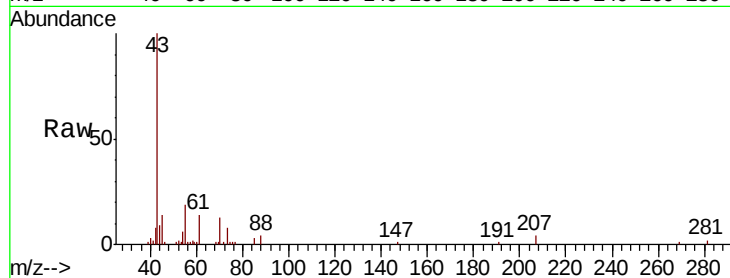




#37
Ethyl Acetate
Concen: 4.883 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

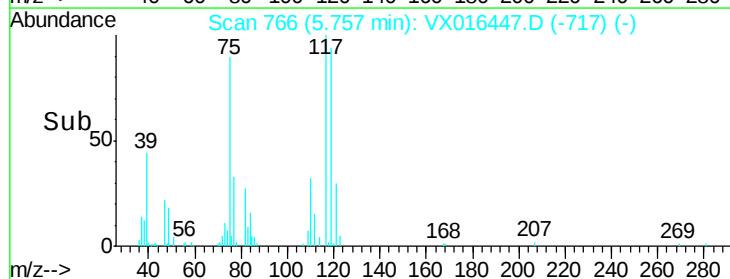
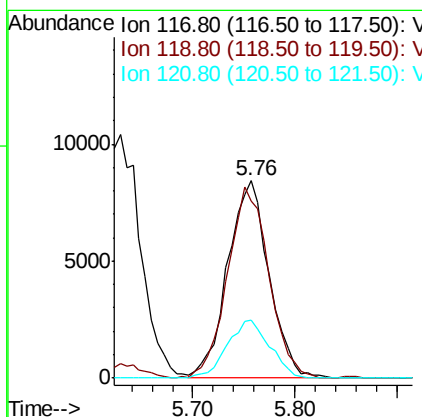
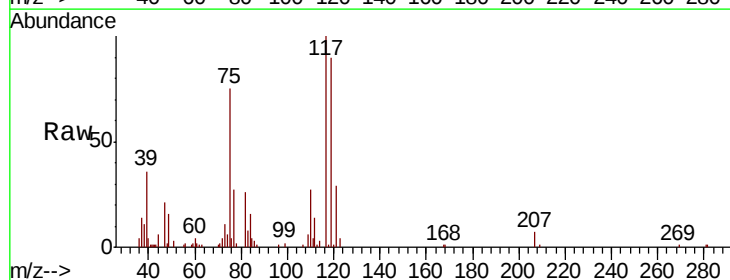
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

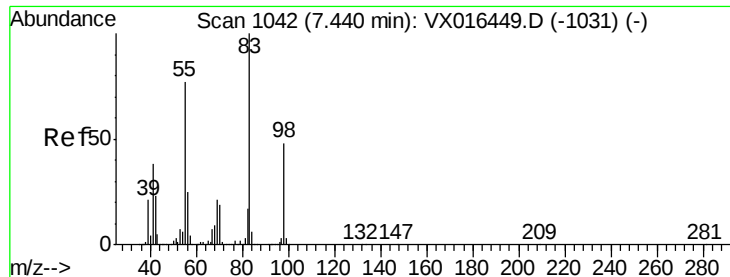
Tot Ion: 43 Resp: 26613
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 12.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 4.957 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion: 117 Resp: 23729
Ion Ratio Lower Upper
117 100
119 89.8 76.3 114.5
121 29.2 24.6 37.0

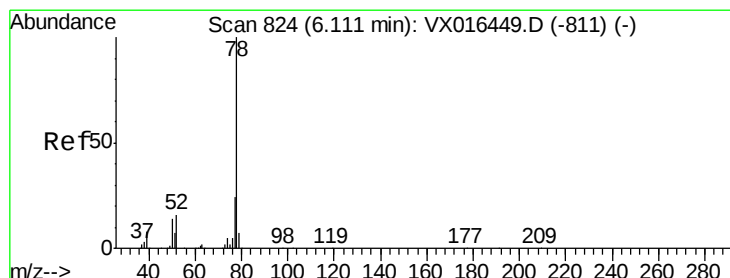
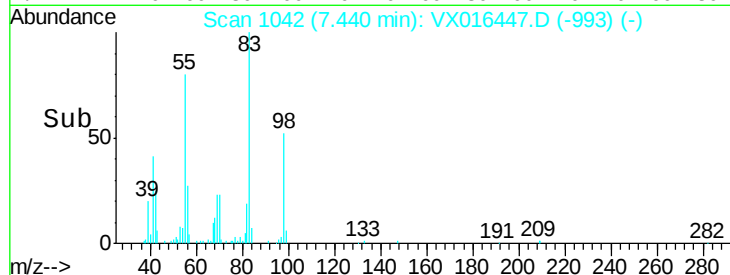
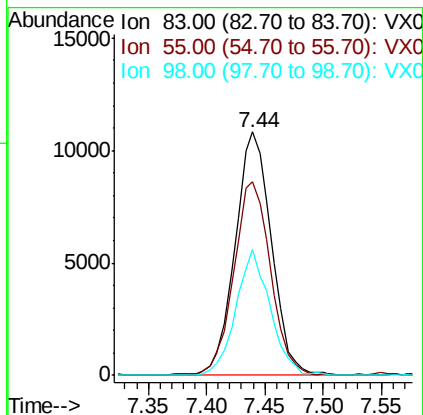
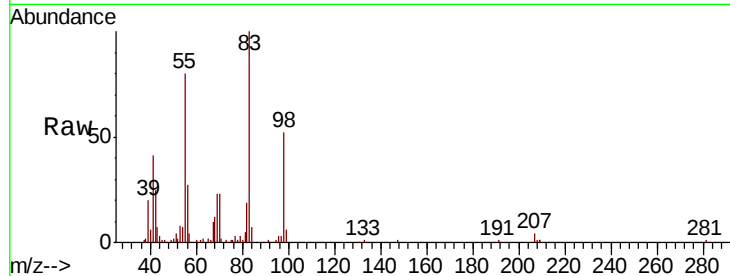




#39
Methylvlcvclohexane
Concen: 4.239 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

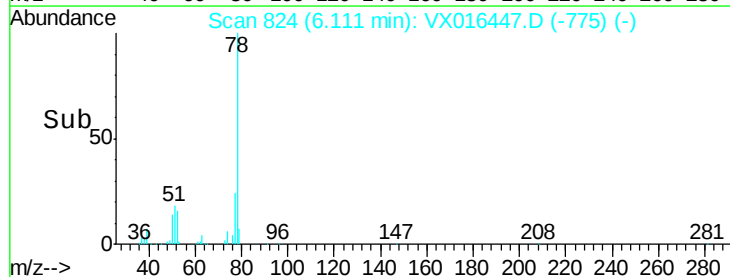
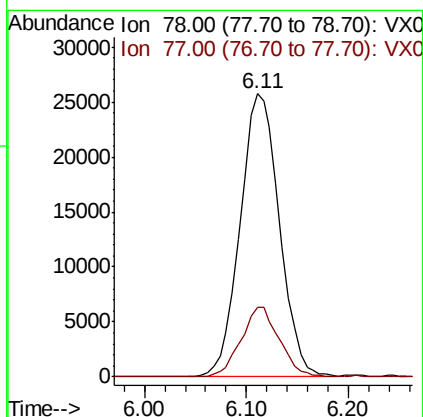
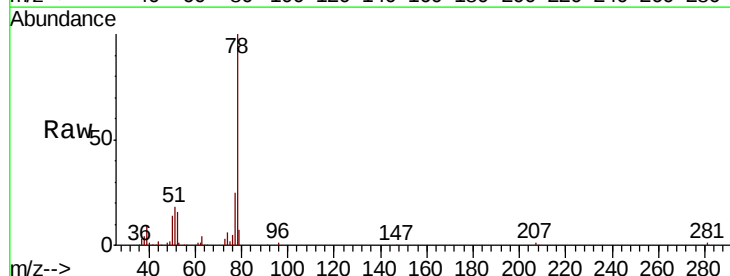
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

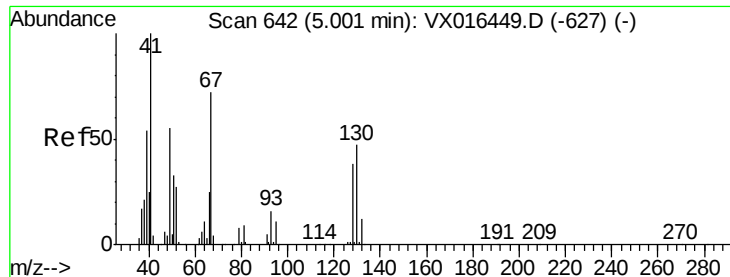
Tot Ion: 83 Resp: 23525
Ion Ratio Lower Upper
83 100
55 79.7 61.7 92.5
98 51.7 38.7 58.1



#40
Benzene
Concen: 5.005 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion: 78 Resp: 68902
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

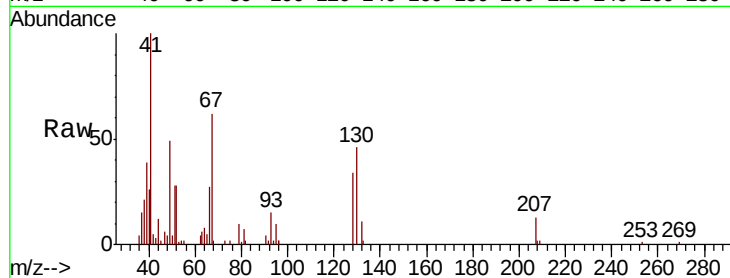




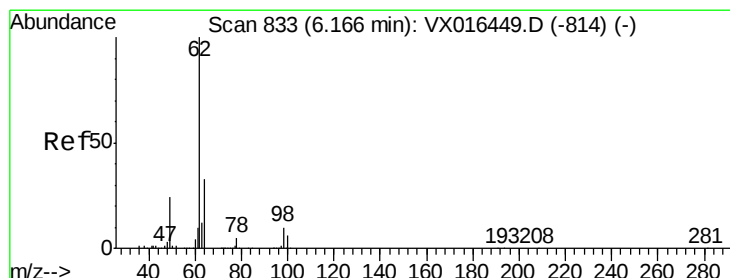
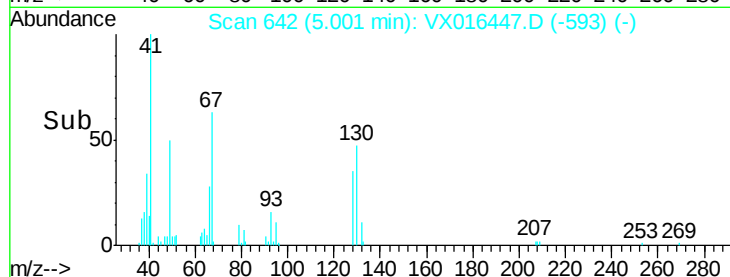
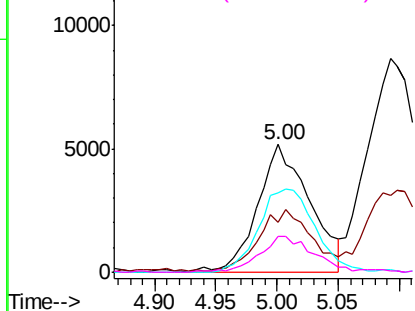
#41
Methacrylonitrile
Concen: 5.213 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	15313
Ion	Ratio	Lower	Upper
41	100		
39	48.2	43.0	64.4
67	70.5	58.9	88.3
52	30.0	23.1	34.7

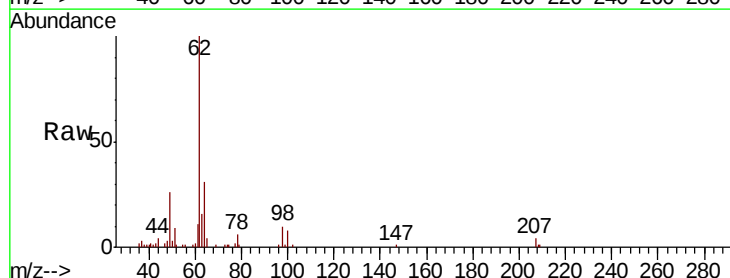


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

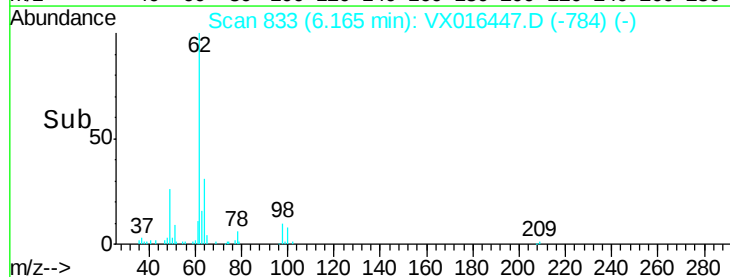
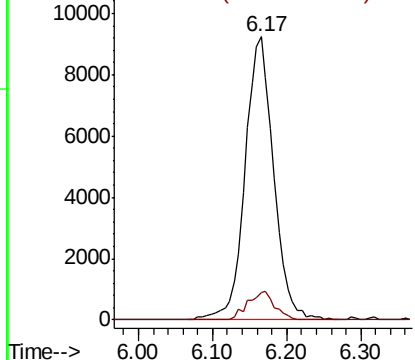


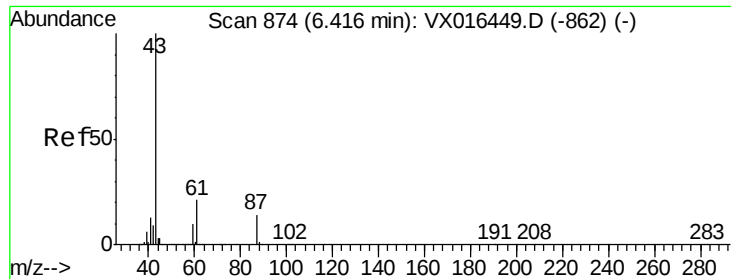
#42
1,2-Dichloroethane
Concen: 5.009 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion:	62	Resp:	24805
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



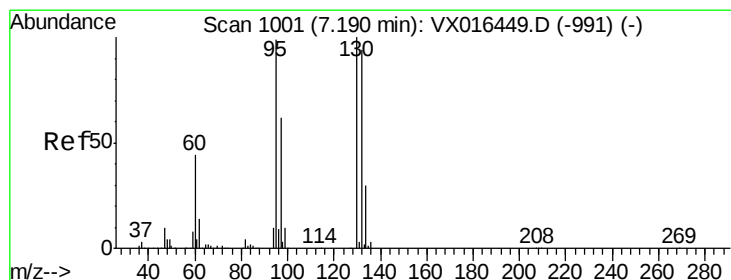
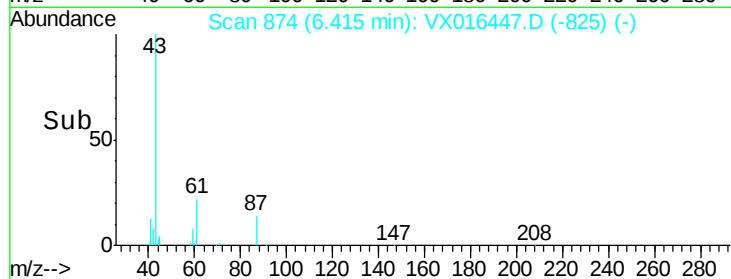
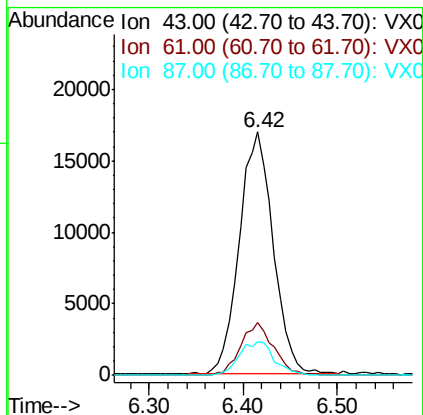
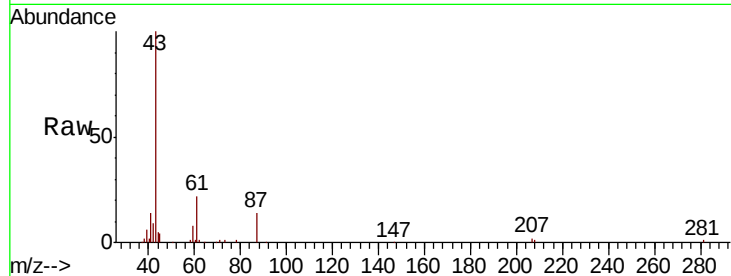


#43

Isopropyl Acetate
 Concen: 4.937 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

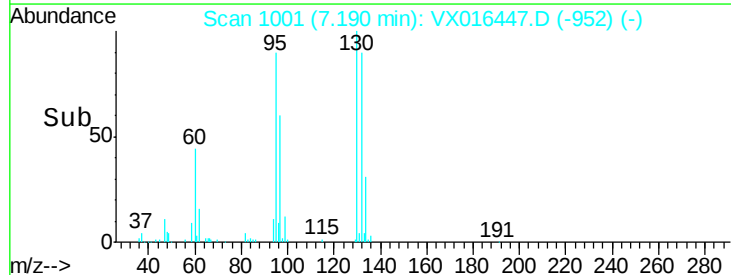
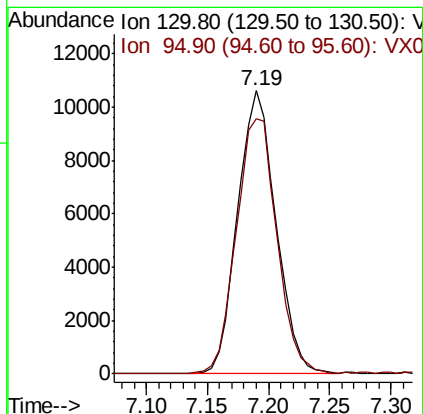
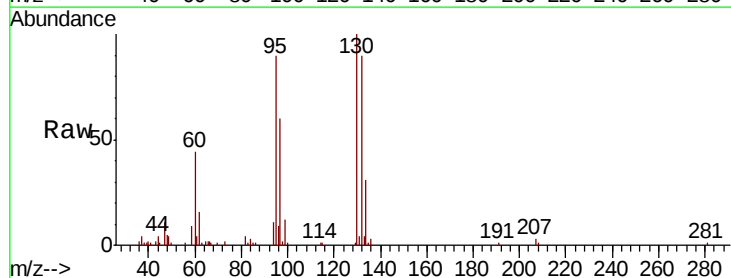
Tot Ion	43	Resp	42825
Ion Ratio	Lower	Upper	
43	100		
61	21.1	16.8	25.2
87	14.4	11.2	16.8

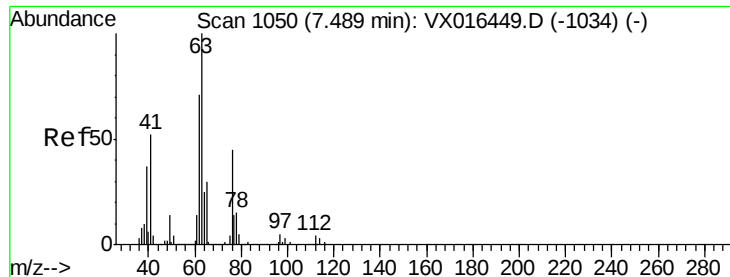


#44

Trichloroethene
 Concen: 4.812 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion	130	Resp	23113
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	198.2





#45

1,2-Dichloropropane

Concen: 4.953 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

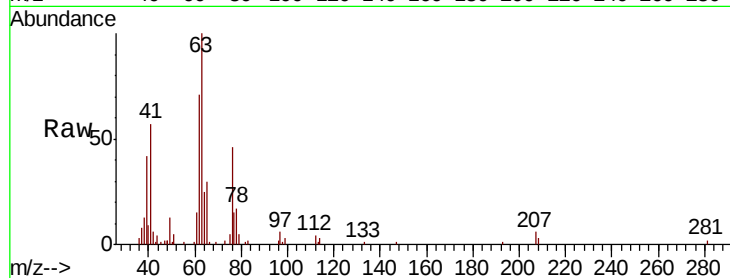
VSTDIC005

Tot Ion: 63 Resp: 17227

Ion Ratio Lower Upper

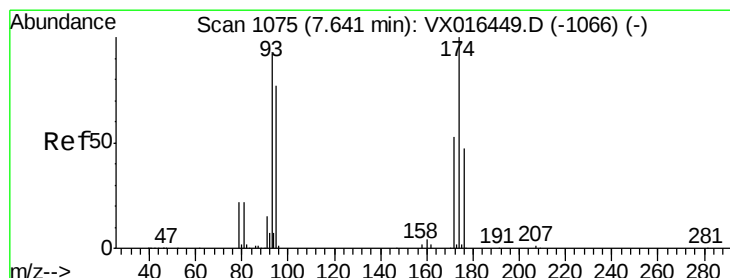
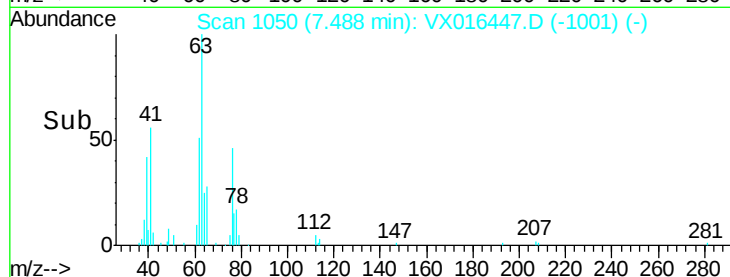
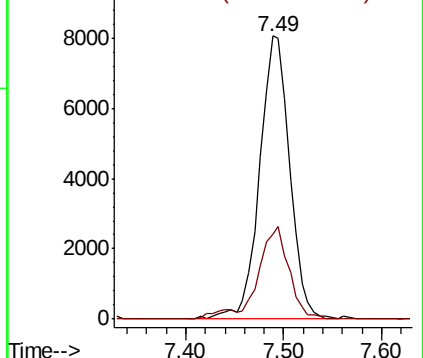
63 100

65 30.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.084 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

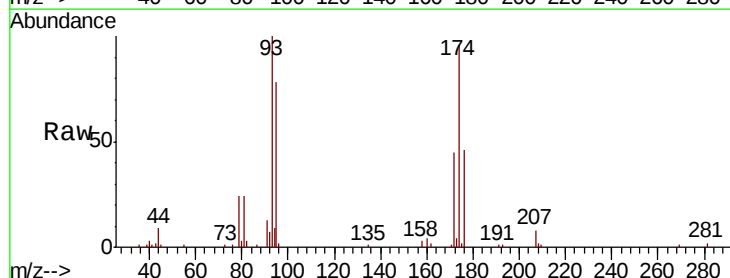
Tgt Ion: 93 Resp: 12016

Ion Ratio Lower Upper

93 100

95 79.5 66.6 100.0

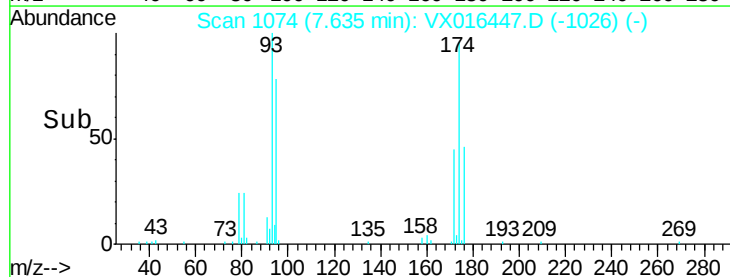
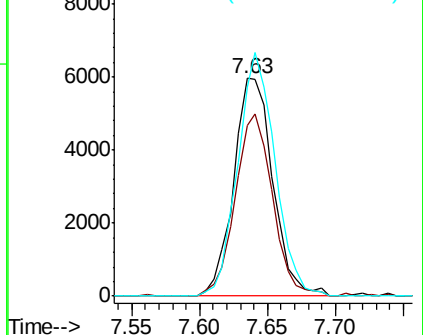
174 106.6 86.2 129.4

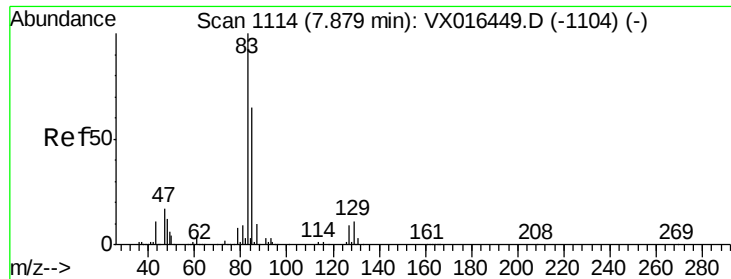


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.000 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

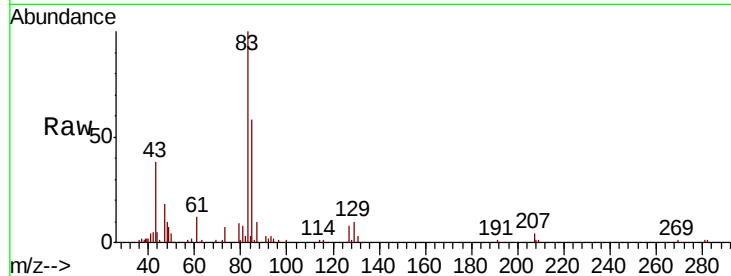
Tot Ion: 83 Resp: 24076

Ion Ratio Lower Upper

83 100

85 57.6 52.0 78.0

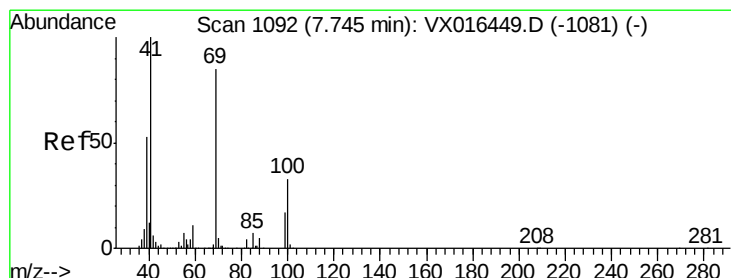
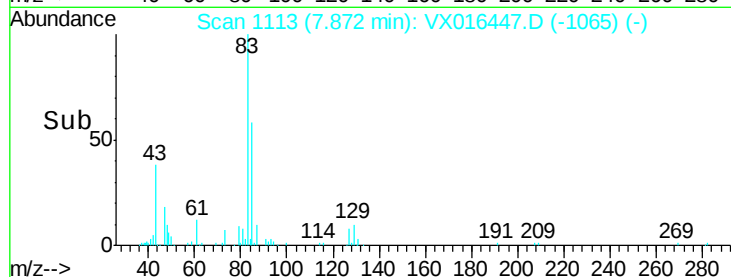
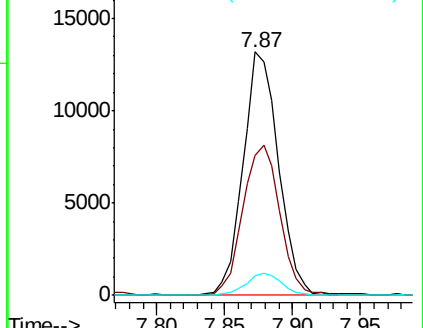
127 8.0 7.4 11.0



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: 4.732 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

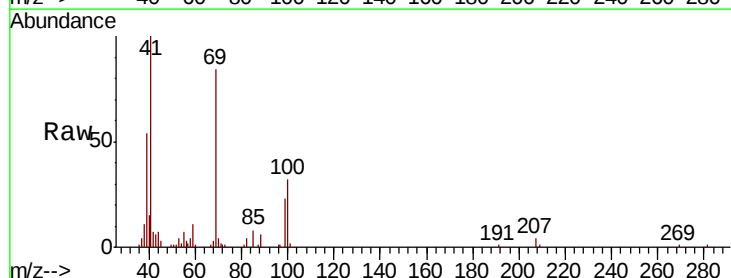
Tgt Ion: 41 Resp: 19511

Ion Ratio Lower Upper

41 100

69 84.8 68.6 102.8

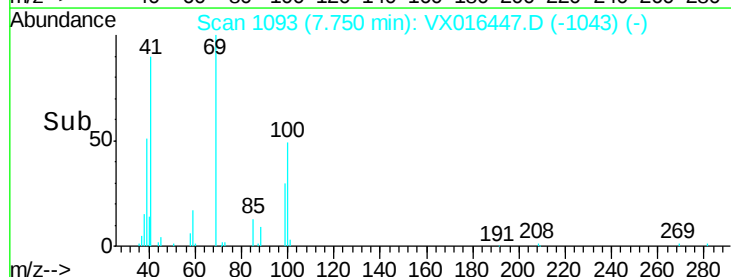
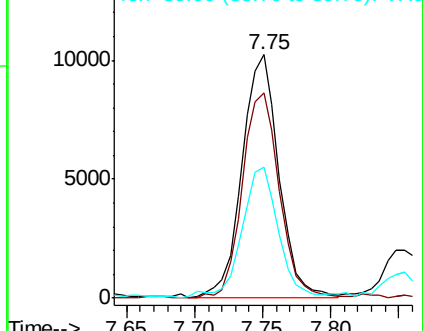
39 53.1 42.4 63.6

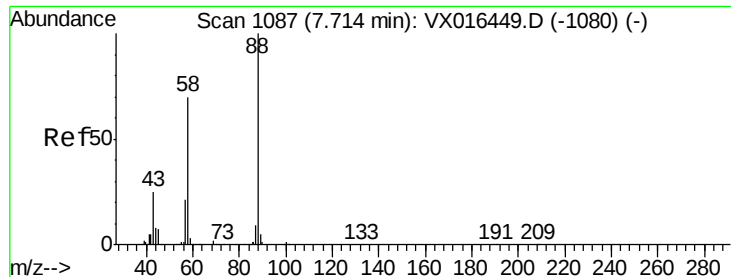


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 98.046 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

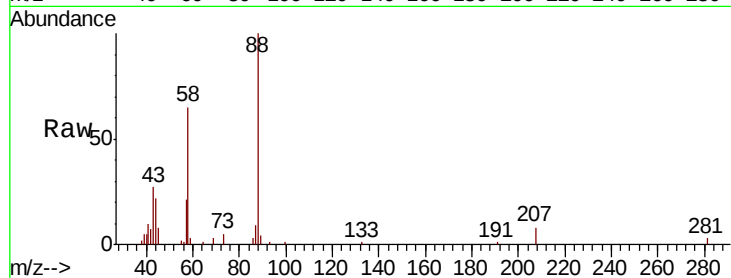
Tot Ion: 88 Resp: 9667

Ion Ratio Lower Upper

88 100

43 35.3 24.2 36.4

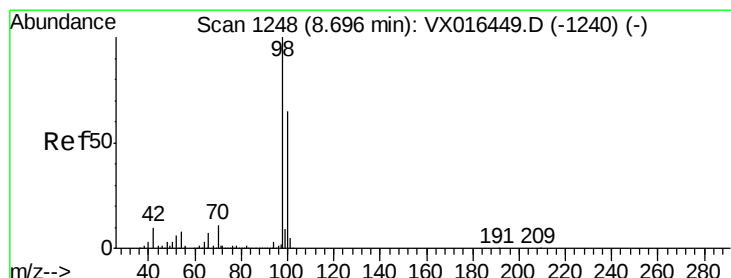
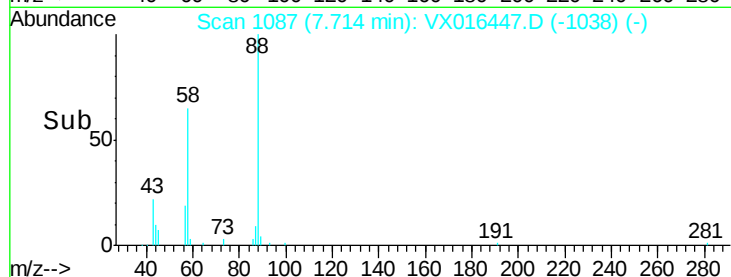
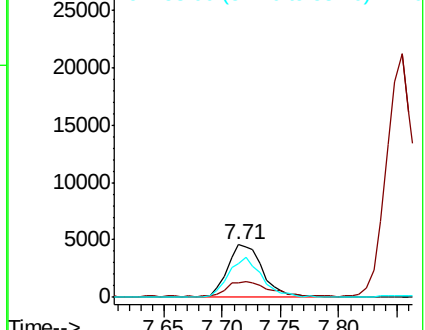
58 70.3 56.5 84.7



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: 4.741 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016447.D

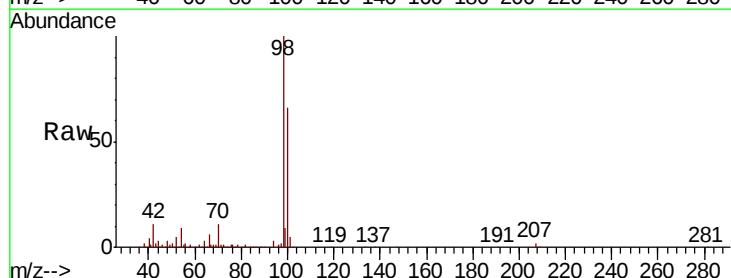
Acq: 27 May 2020 14:42

Tgt Ion: 98 Resp: 55460

Ion Ratio Lower Upper

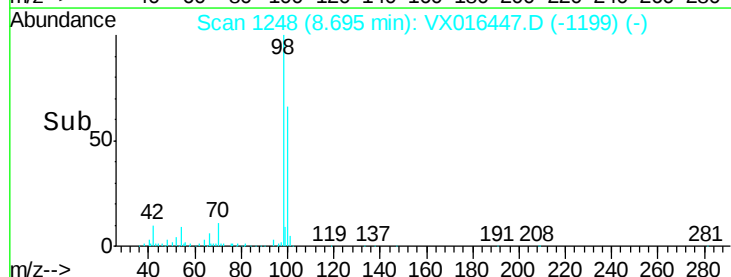
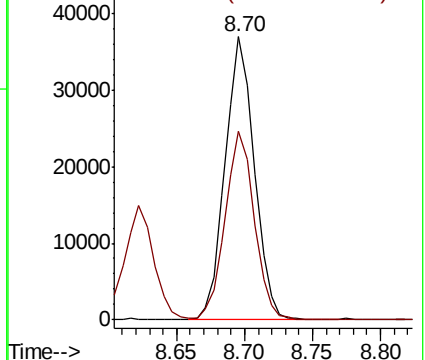
98 100

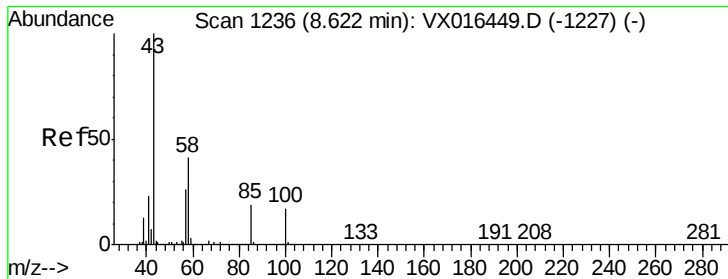
100 65.5 53.8 80.6



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: 24.647 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

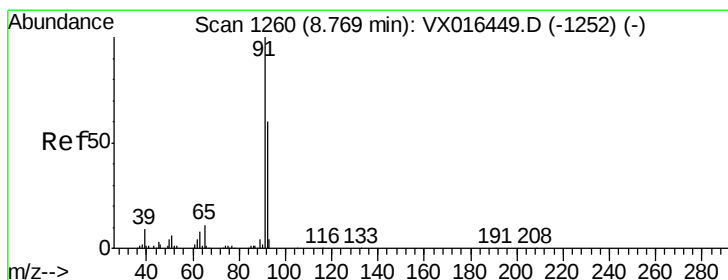
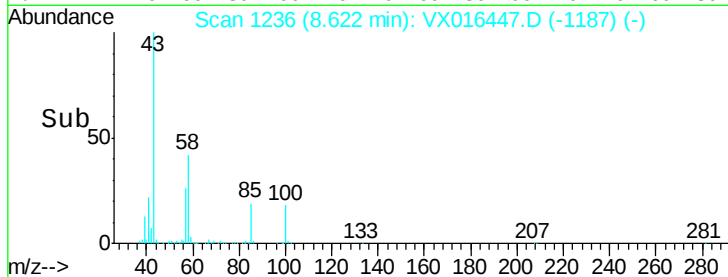
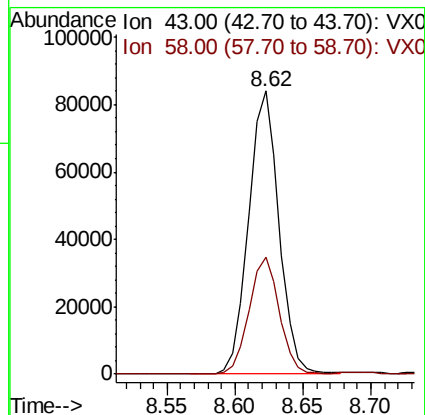
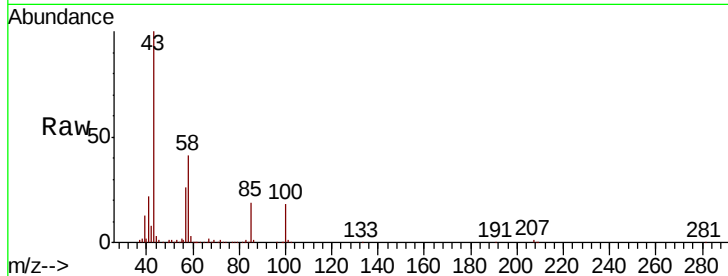
VSTDIC005

Tot Ion: 43 Resp: 131243

Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.6



#52

Toluene

Concen: 4.985 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016447.D

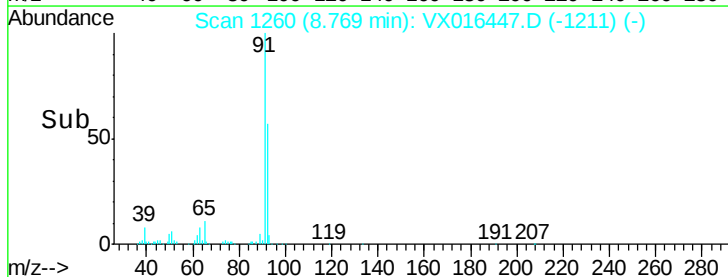
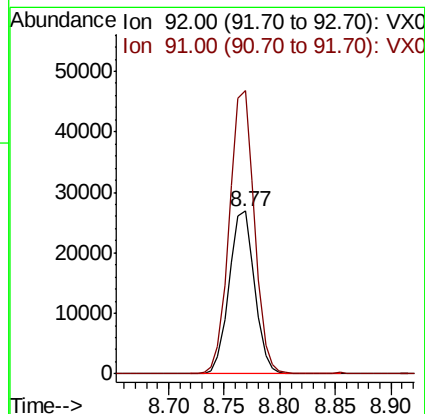
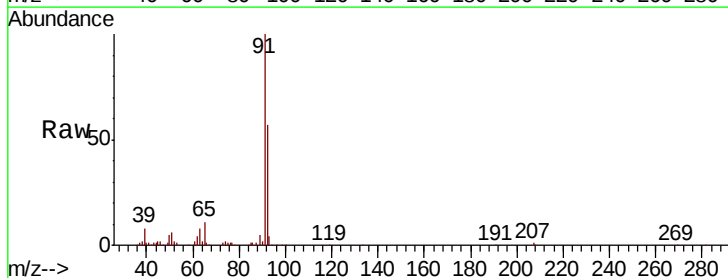
Acq: 27 May 2020 14:42

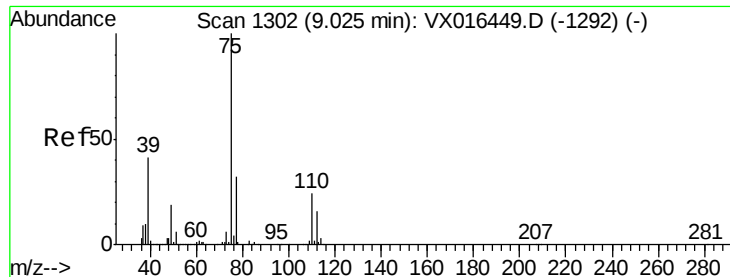
Tgt Ion: 92 Resp: 42773

Ion Ratio Lower Upper

92 100

91 170.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 4.673 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

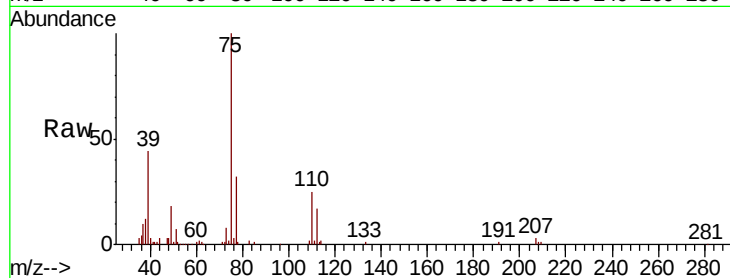
VSTDIC005

Tot Ion: 75 Resp: 26736

Ion Ratio Lower Upper

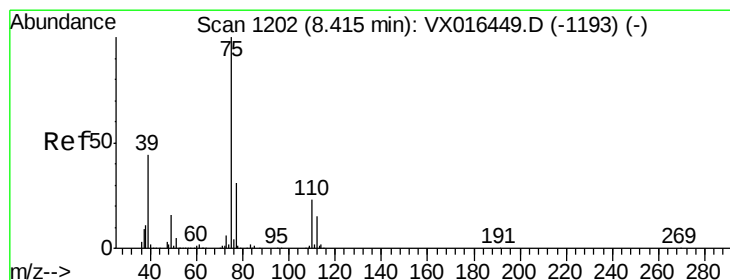
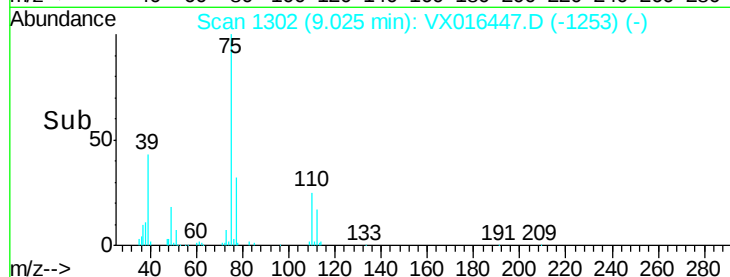
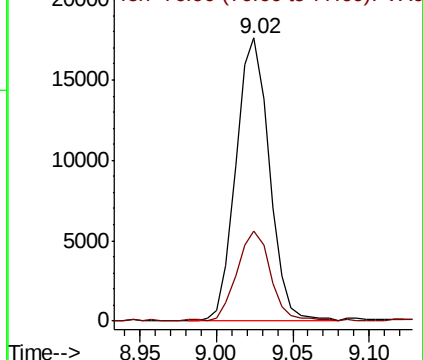
75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.790 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

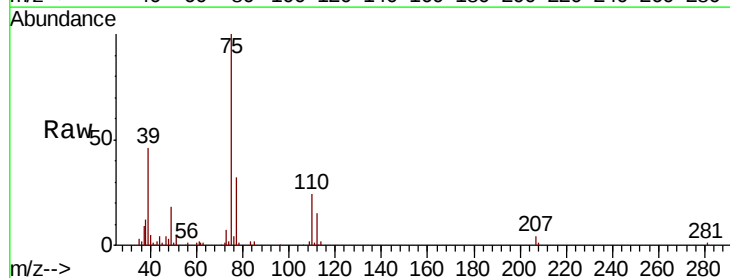
Tgt Ion: 75 Resp: 28641

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

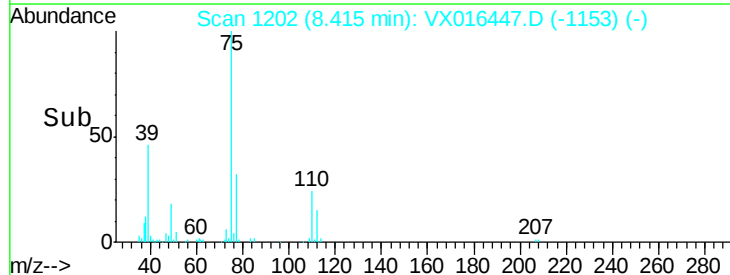
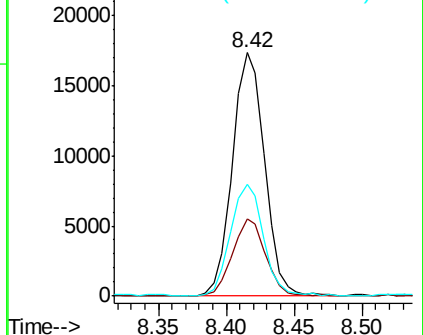
39 45.8 35.3 52.9

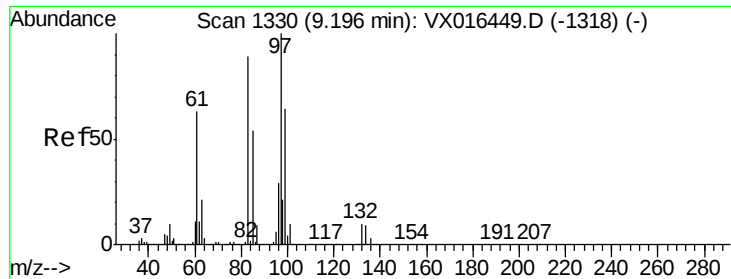


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

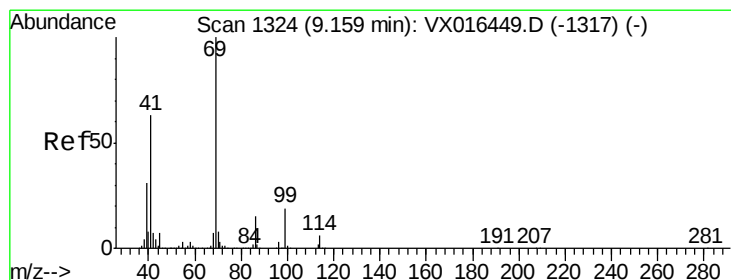
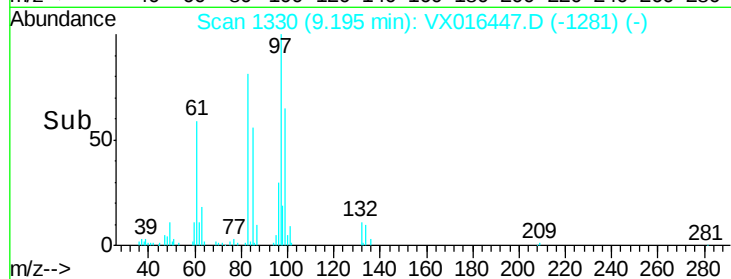
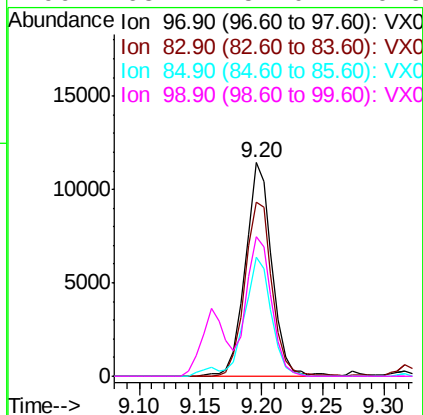
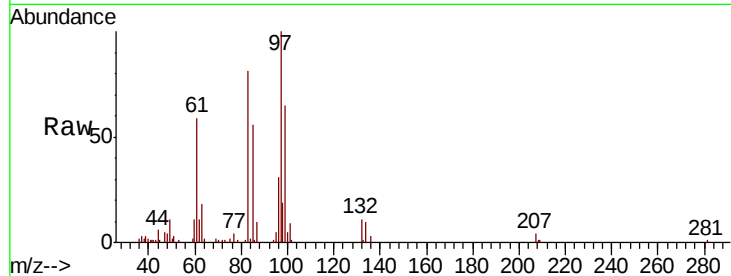




#55
 1,1,2-Trichloroethane
 Concen: 5.097 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

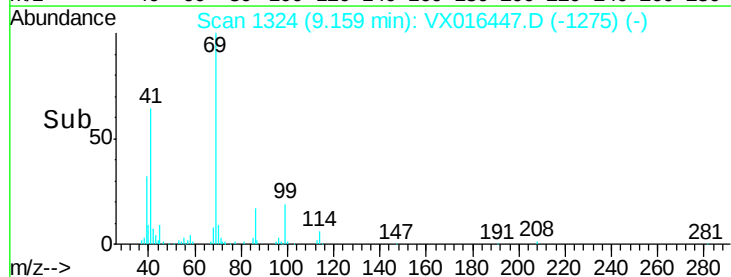
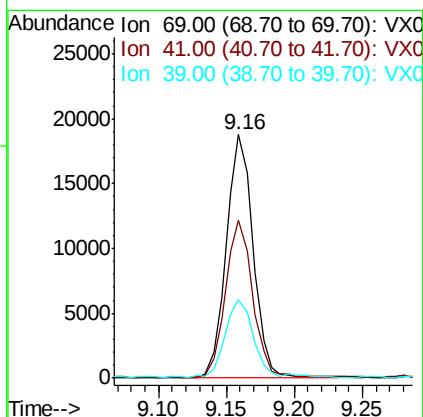
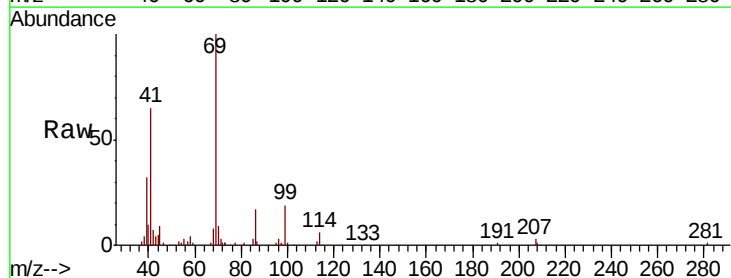
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

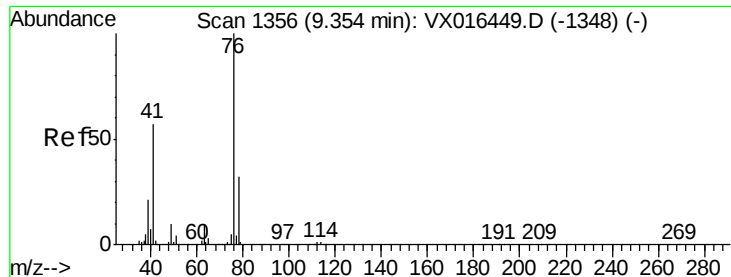
Tot Ion:	97	Resp:	17190
Ion	Ratio	Lower	Upper
97	100		
83	81.3	70.9	106.3
85	55.9	43.4	65.2
99	65.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 4.680 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion:	69	Resp:	25833
Ion	Ratio	Lower	Upper
69	100		
41	64.9	50.7	76.1
39	32.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 5.013 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

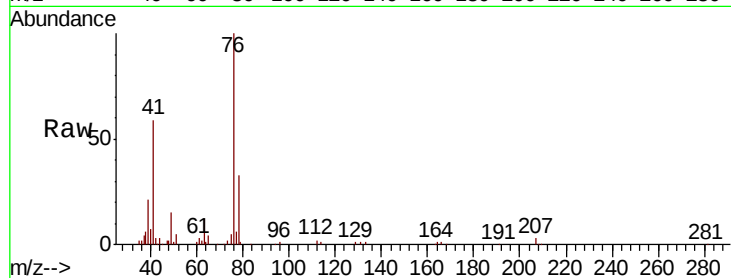
VSTDIC005

Tot Ion: 76 Resp: 29527

Ion Ratio Lower Upper

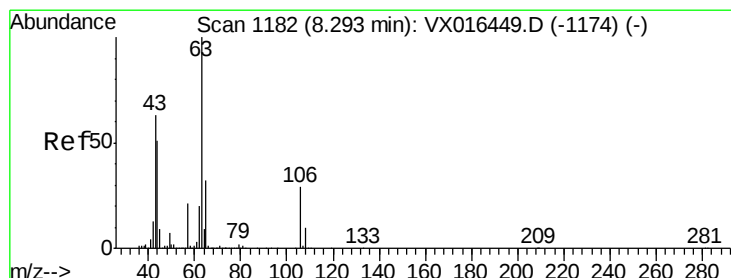
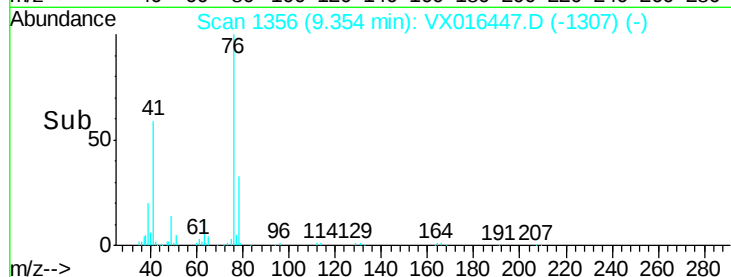
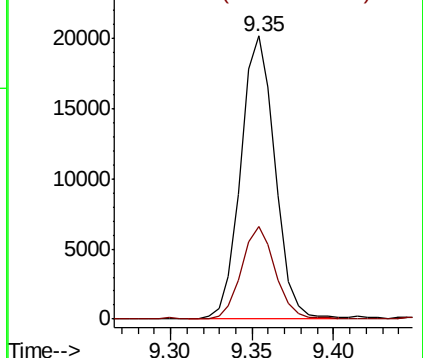
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 22.948 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016447.D

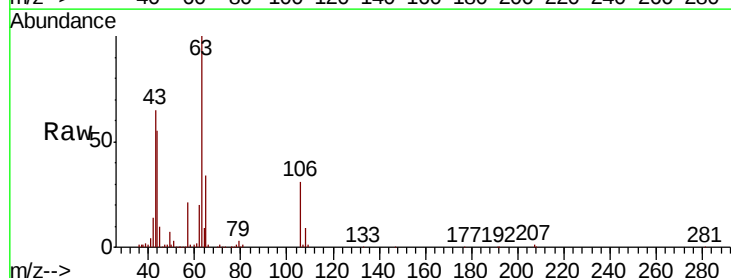
Acq: 27 May 2020 14:42

Tgt Ion: 63 Resp: 67032

Ion Ratio Lower Upper

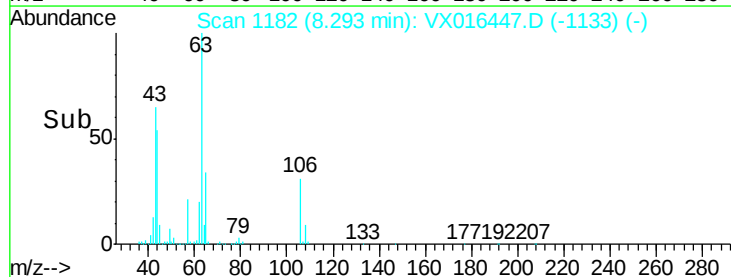
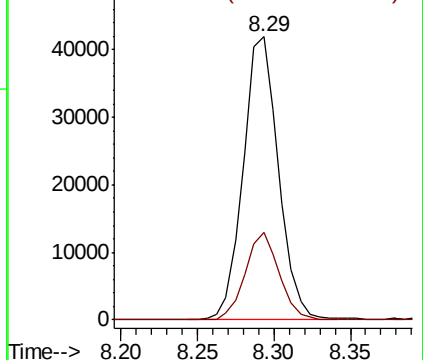
63 100

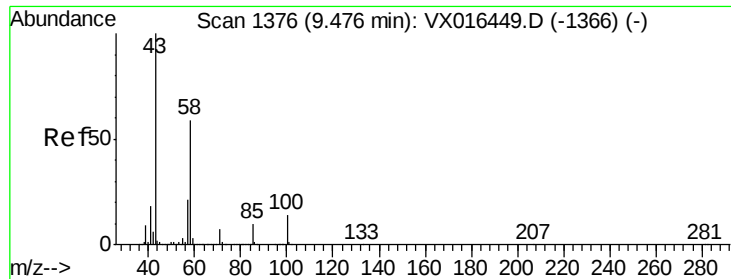
106 29.7 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

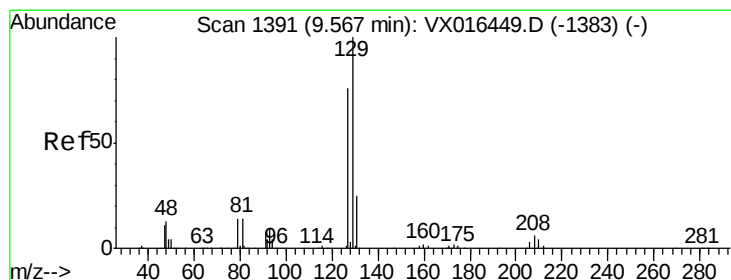
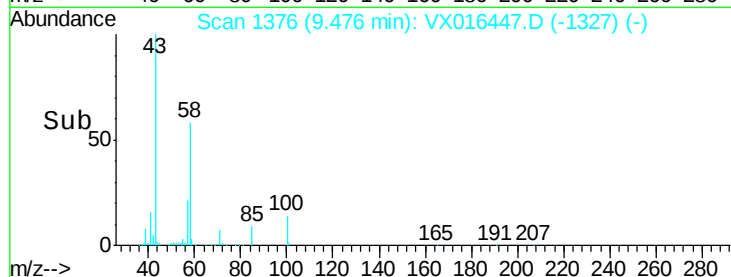
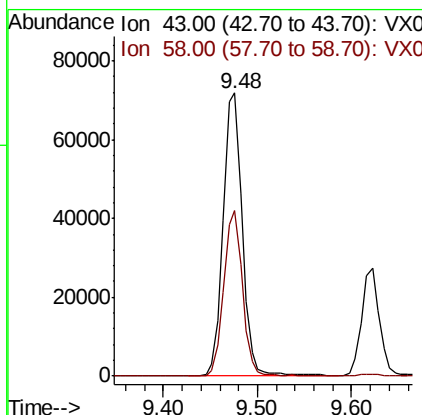
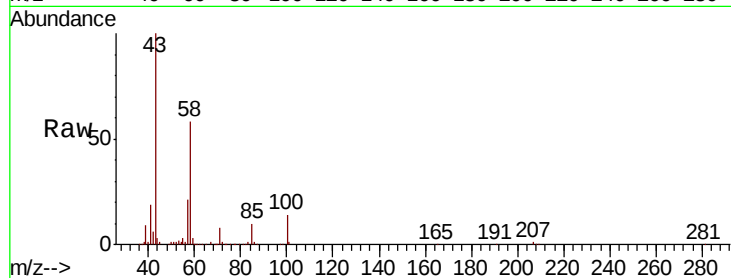




#59
2-Hexanone
Concen: 24.179 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

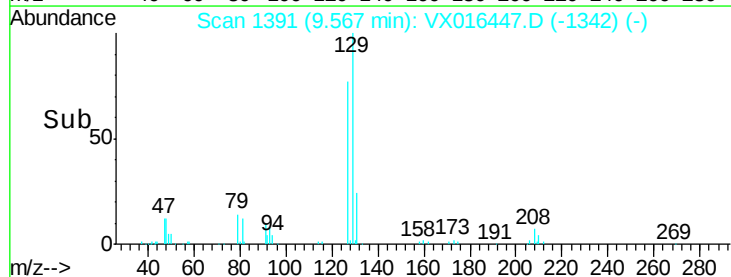
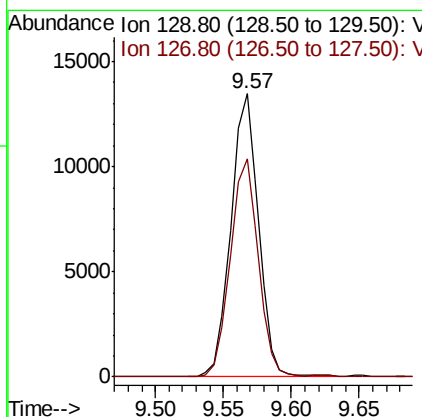
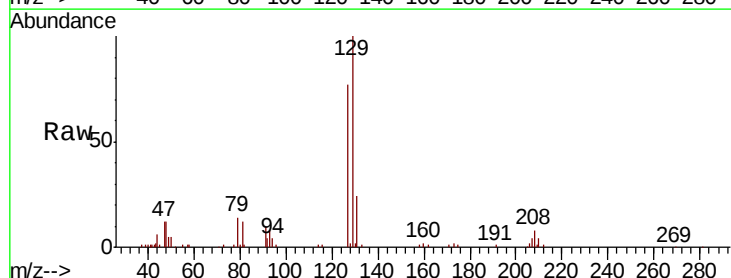
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

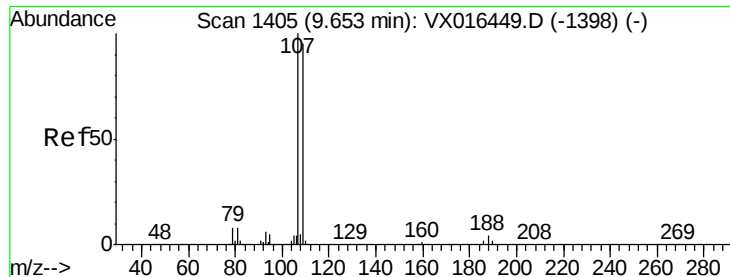
Tot Ion: 43 Resp: 101263
Ion Ratio Lower Upper
43 100
58 57.5 28.8 86.4



#60
Dibromochloromethane
Concen: 5.094 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion: 129 Resp: 18998
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 5.077 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

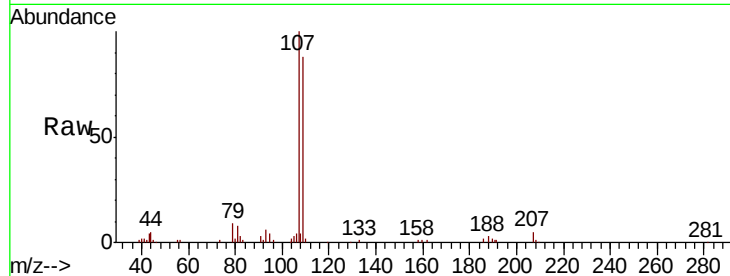
VSTDIC005

Tot Ion:107 Resp: 18492

Ion Ratio Lower Upper

107 100

109 90.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

15000

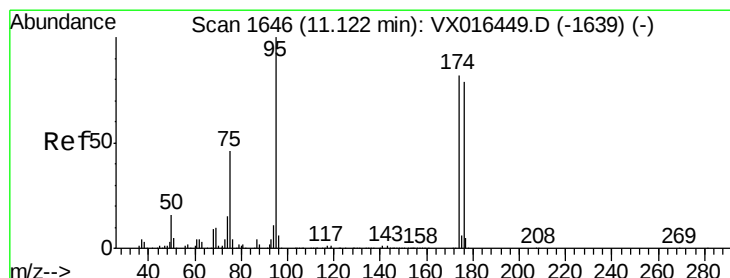
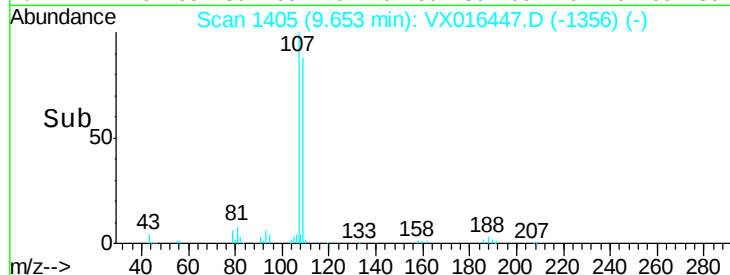
10000

5000

0

Time-->

9.55 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 4.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

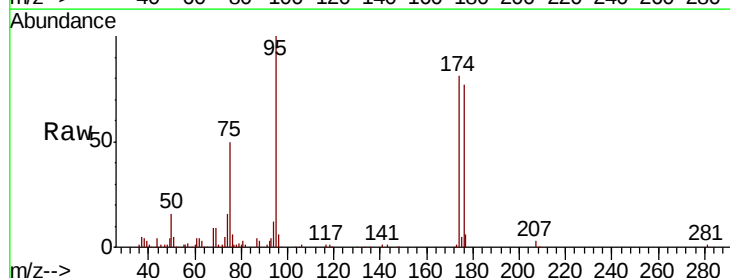
Tgt Ion: 95 Resp: 22043

Ion Ratio Lower Upper

95 100

174 82.5 0.0 163.0

176 79.2 0.0 156.8



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

11.12

25000

20000

15000

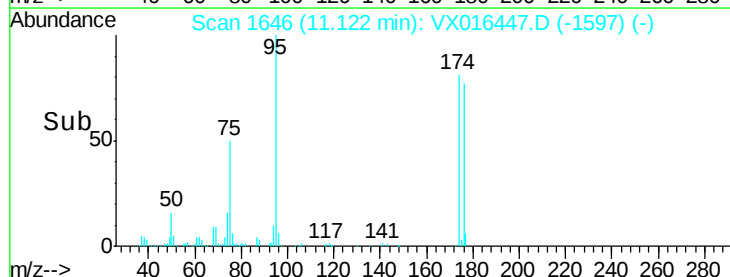
10000

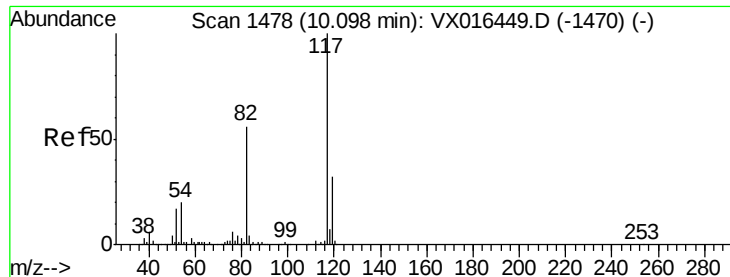
5000

0

Time-->

11.05 11.10 11.15 11.20

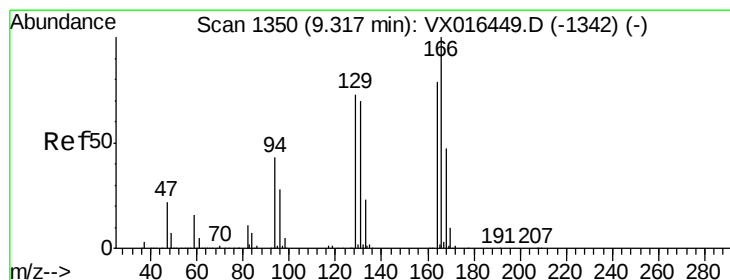
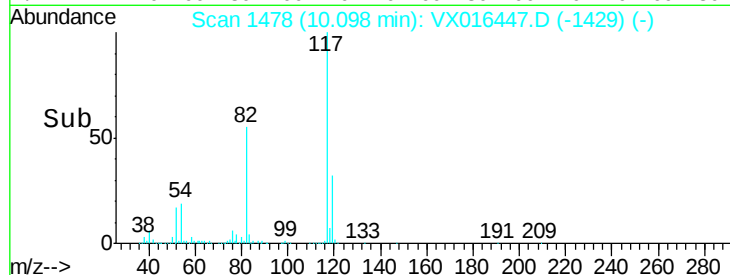
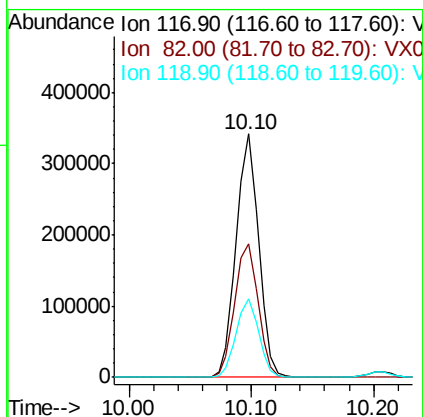
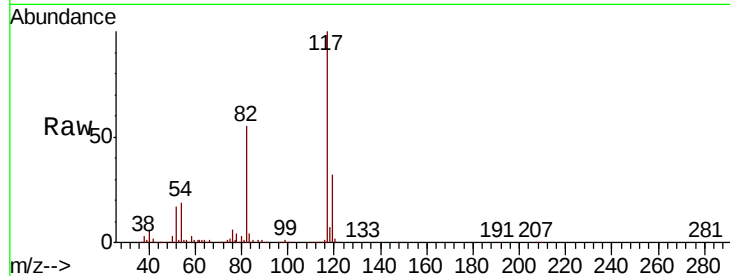




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

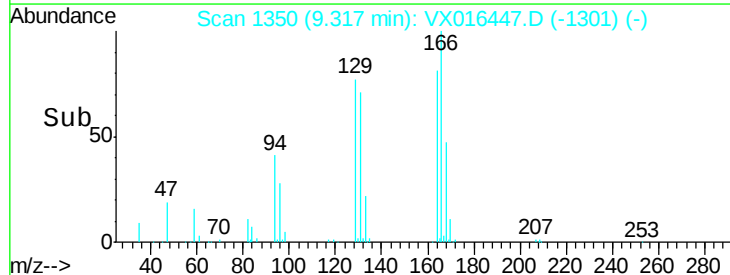
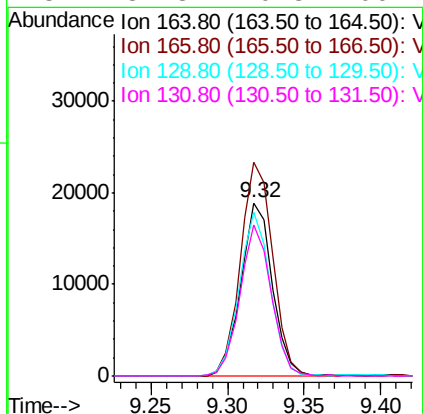
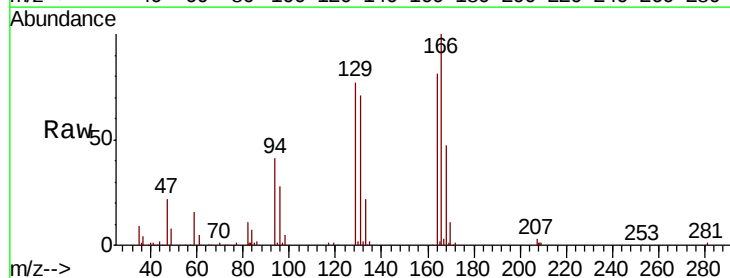
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

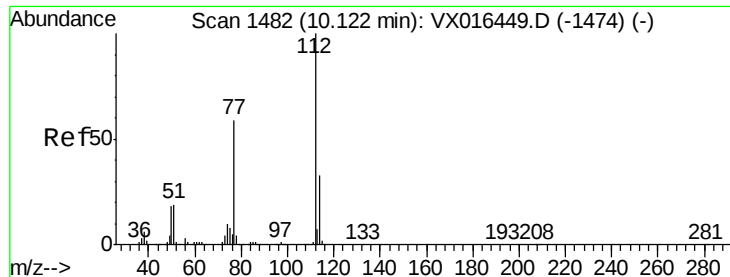
Tot Ion:117 Resp: 436212
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 5.118 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion:164 Resp: 27132
Ion Ratio Lower Upper
164 100
166 123.1 100.9 151.3
129 94.6 73.2 109.8
131 87.3 70.8 106.2





#65

Chlorobenzene

Concen: 5.010 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

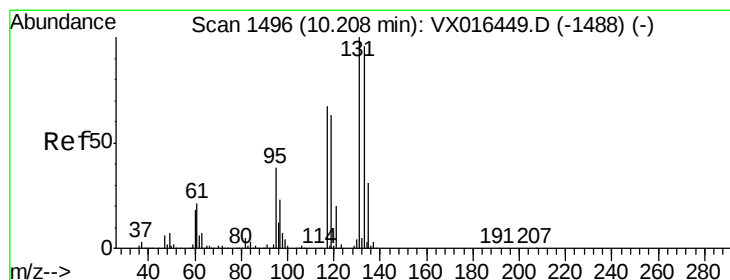
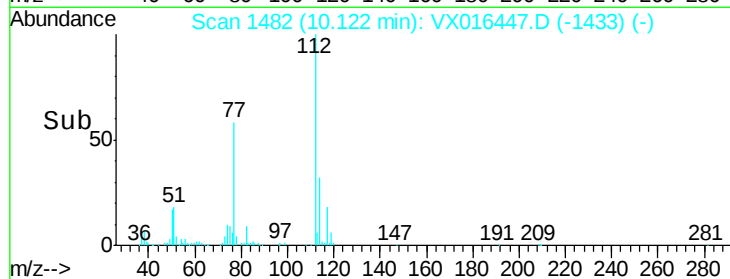
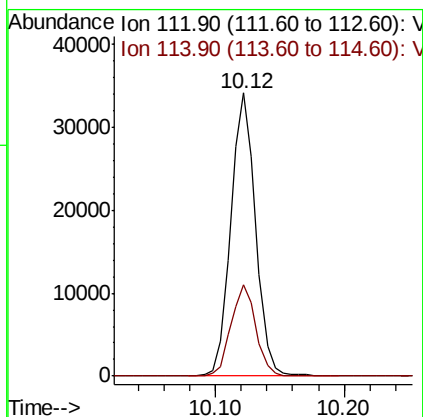
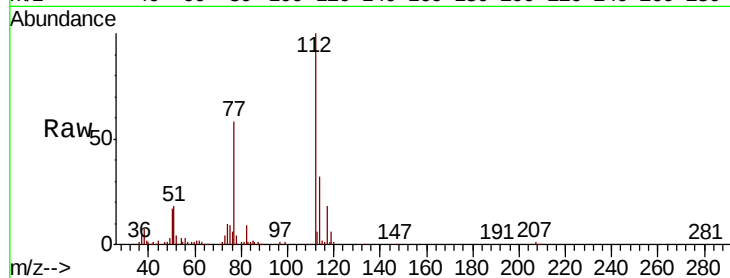
VSTDIC005

Tot Ion:112 Resp: 45861

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 5.117 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

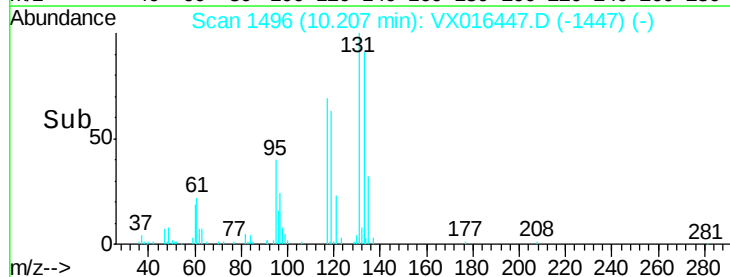
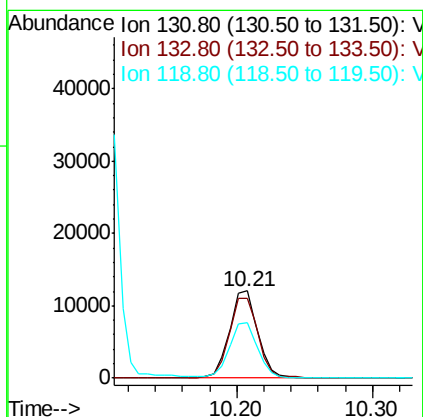
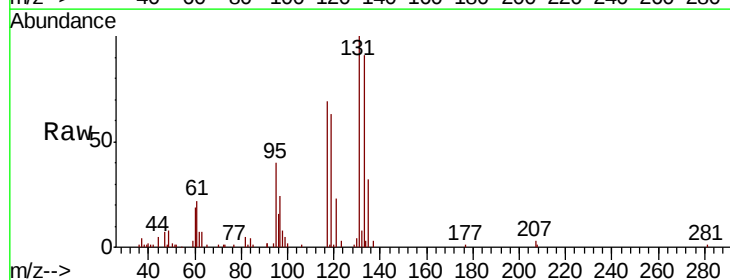
Tgt Ion:131 Resp: 17343

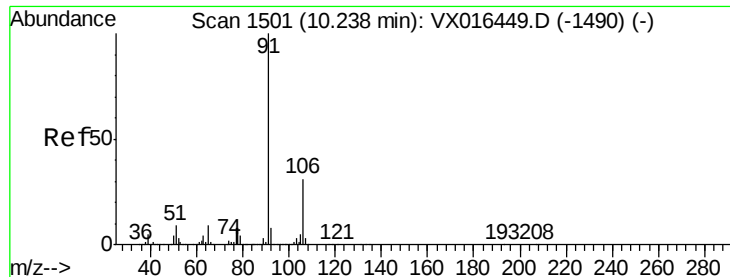
Ion Ratio Lower Upper

131 100

133 93.6 48.4 145.3

119 65.7 32.0 96.2





#67

Ethyl Benzene

Concen: 4.896 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

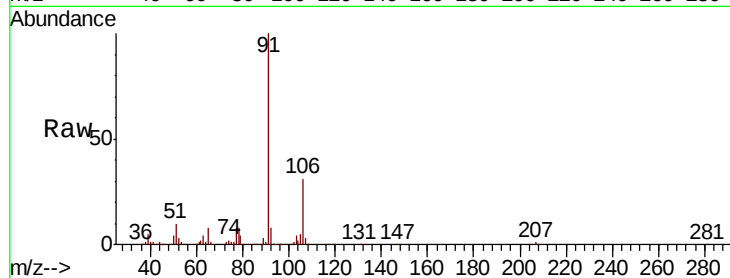
VSTDIC005

Tot Ion: 91 Resp: 79923

Ion Ratio Lower Upper

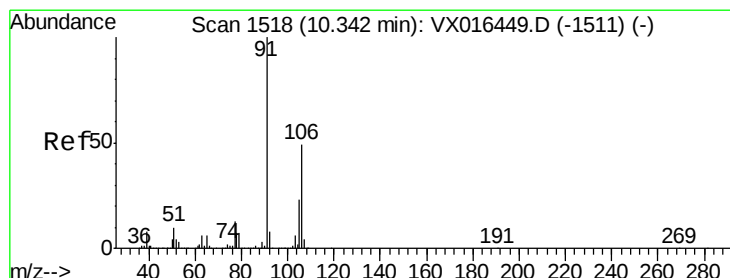
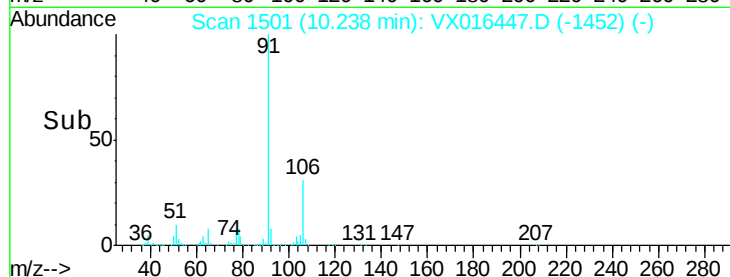
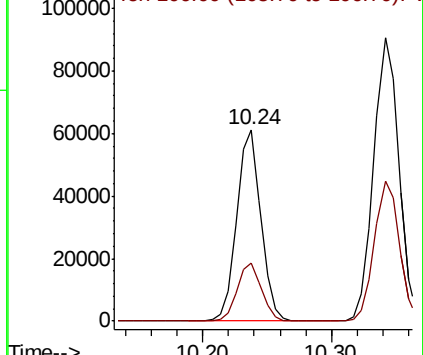
91 100

106 30.5 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 9.804 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016447.D

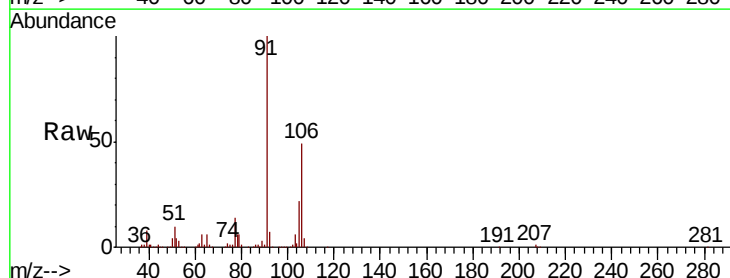
Acq: 27 May 2020 14:42

Tgt Ion: 106 Resp: 59830

Ion Ratio Lower Upper

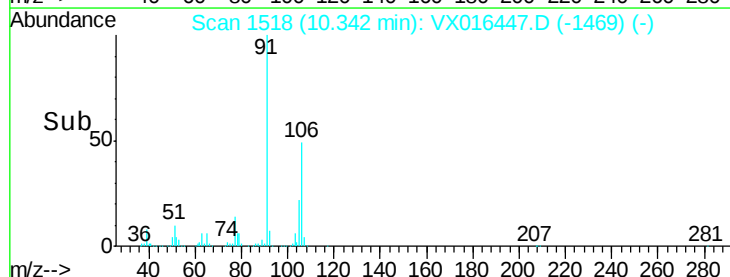
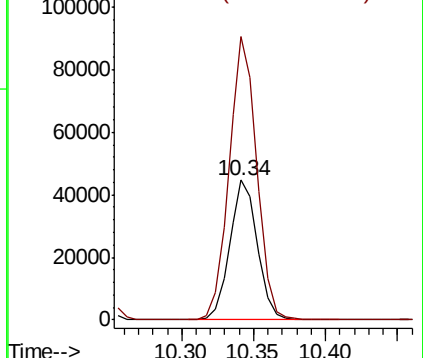
106 100

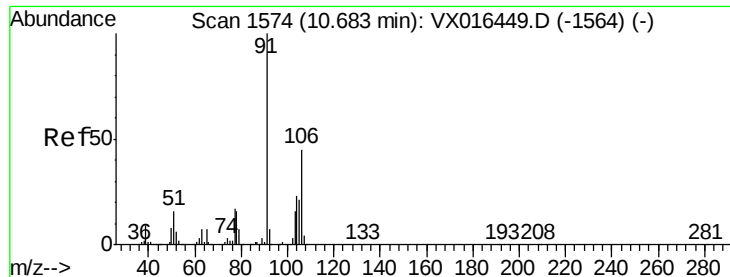
91 203.7 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

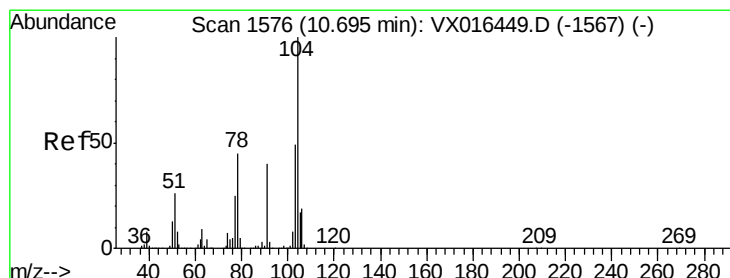
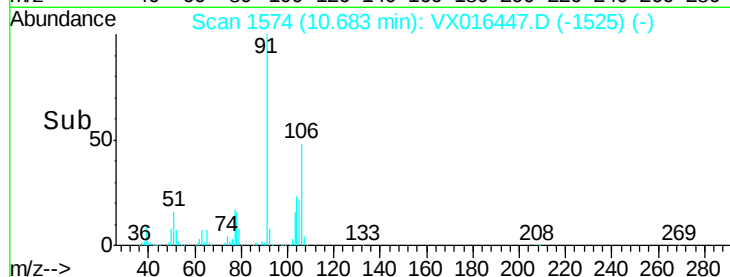
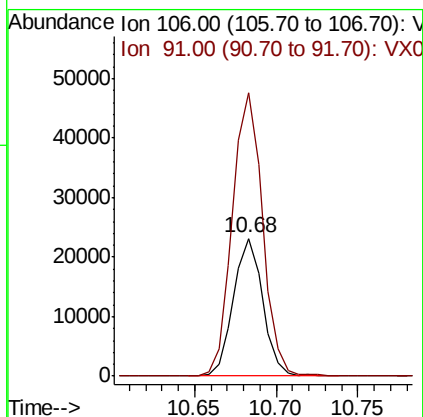
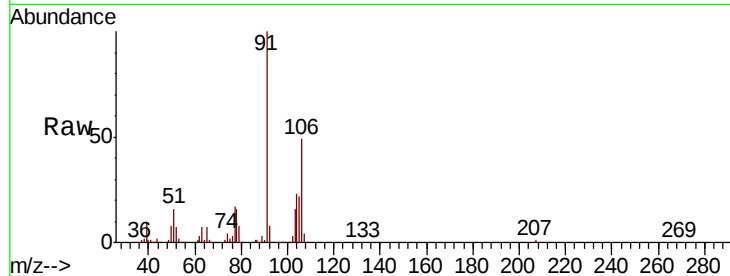




#69
o-Xylene
Concen: 4.945 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

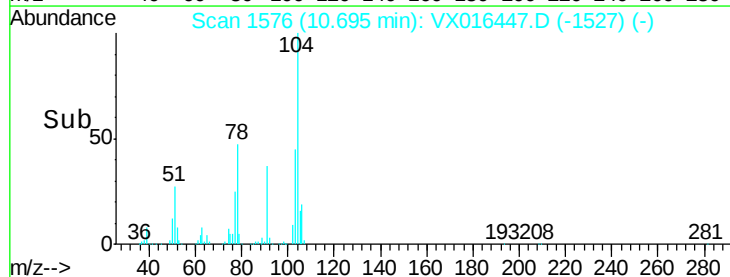
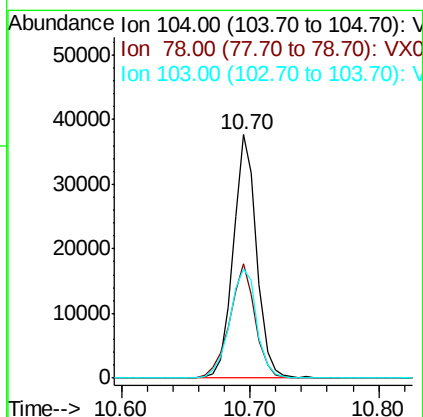
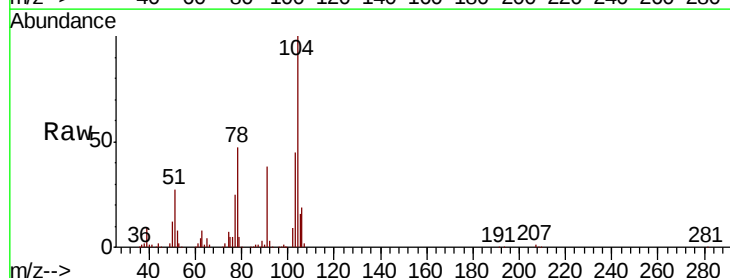
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

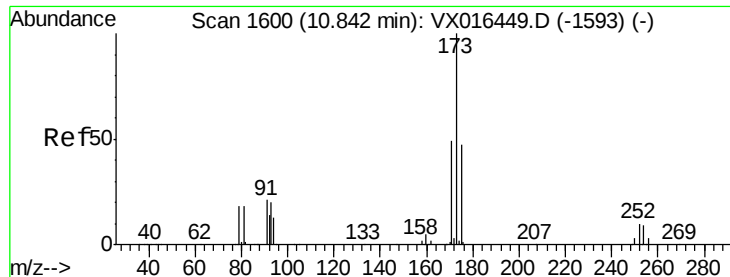
Tot Ion:106 Resp: 28986
Ion Ratio Lower Upper
106 100
91 212.3 109.6 328.8



#70
Styrene
Concen: 4.775 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion:104 Resp: 47710
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.2
103 52.4 43.1 64.7





#71

Bromoform

Concen: 5.019 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

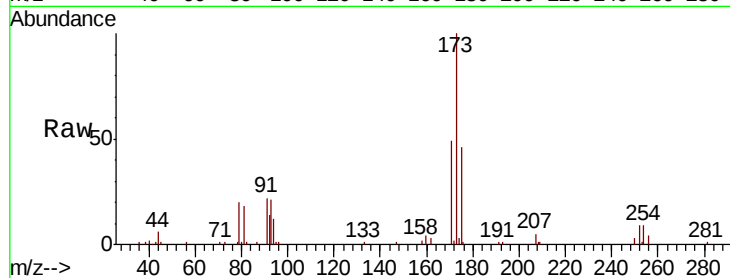
Tot Ion:173 Resp: 13969

Ion Ratio Lower Upper

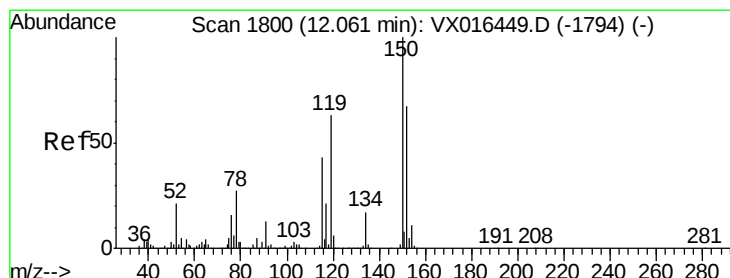
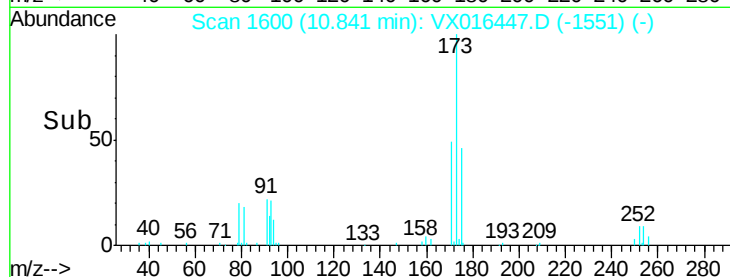
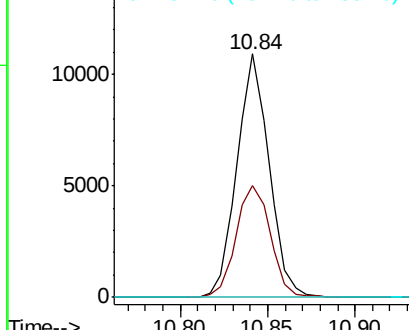
173 100

175 48.9 23.9 71.7

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

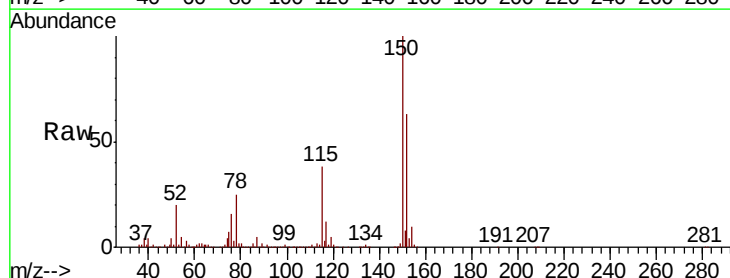
Tgt Ion:152 Resp: 211444

Ion Ratio Lower Upper

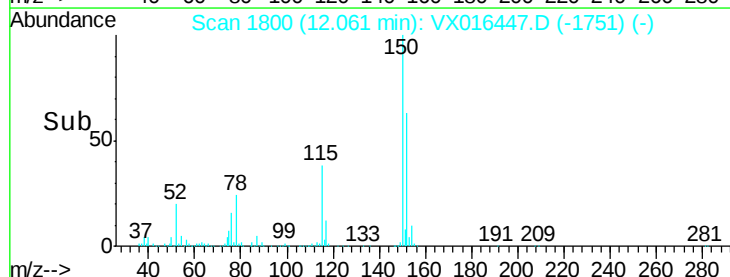
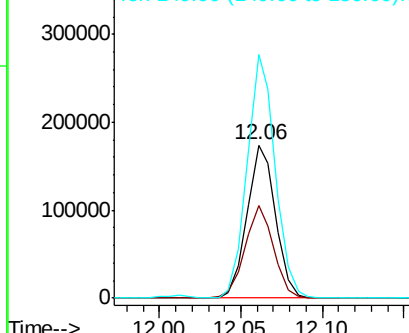
152 100

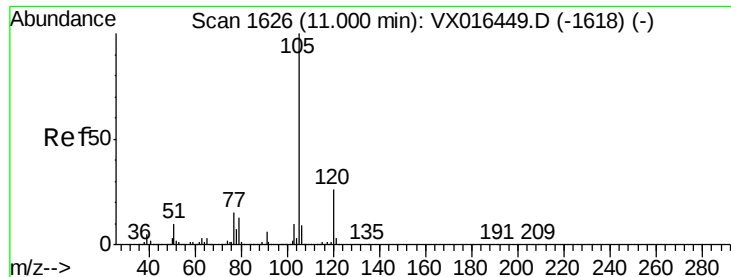
115 60.7 39.9 119.6

150 157.4 0.0 341.0



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: 4.926 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

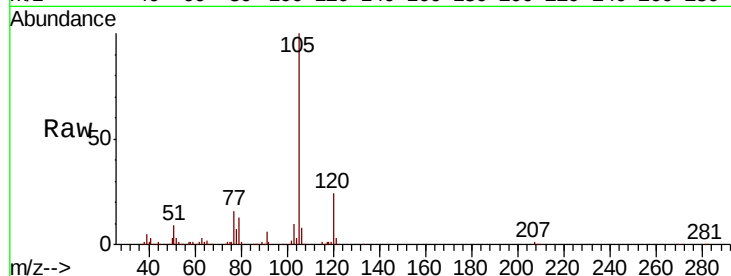
VSTDIC005

Tot Ion:105 Resp: 75529

Ion Ratio Lower Upper

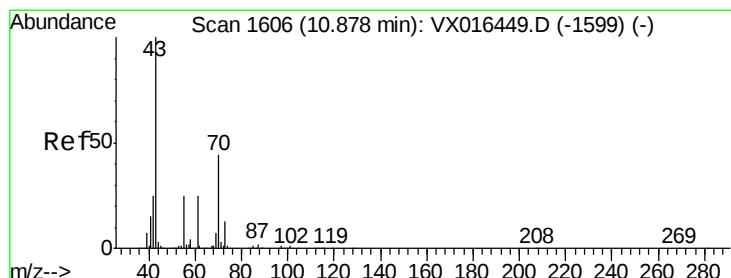
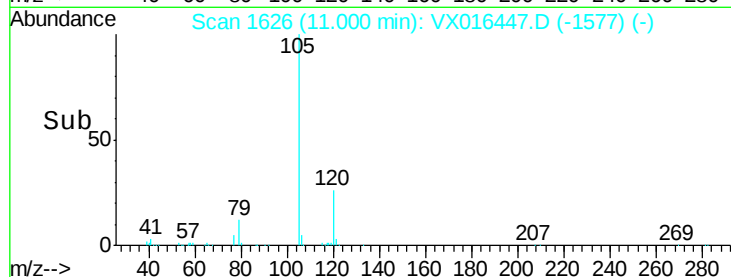
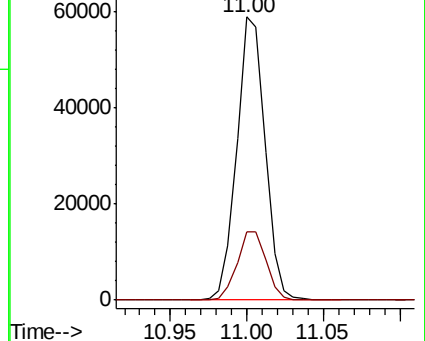
105 100

120 25.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.533 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Tgt Ion: 43 Resp: 32418

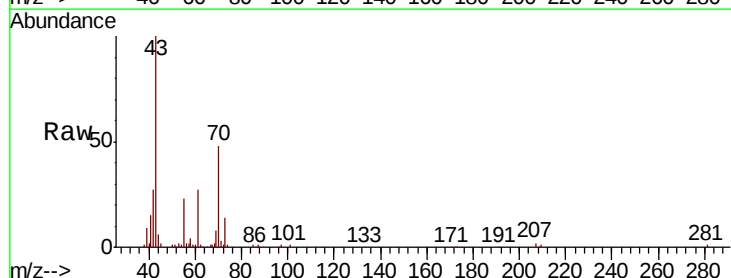
Ion Ratio Lower Upper

43 100

70 47.3 36.1 54.1

55 25.8 20.2 30.4

61 26.9 20.3 30.5

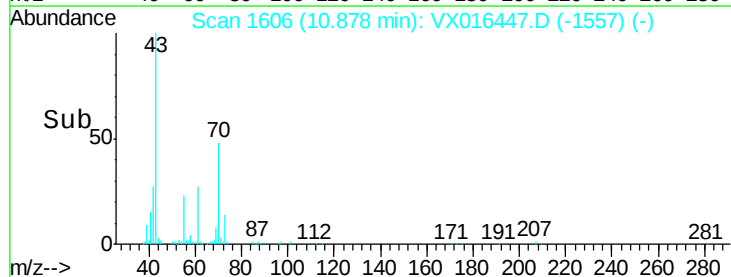
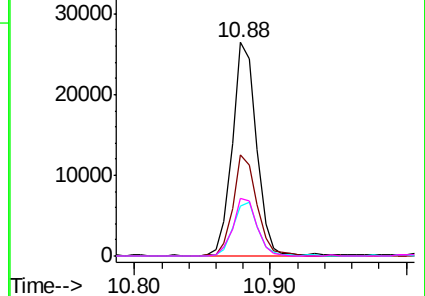


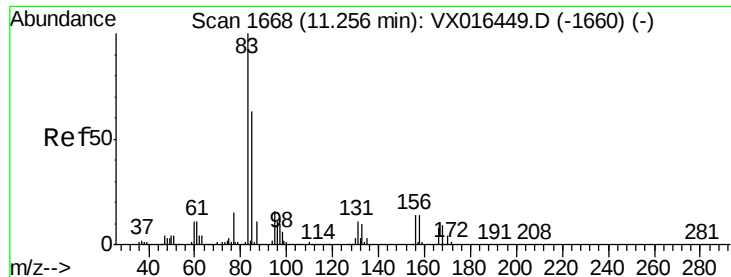
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.901 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

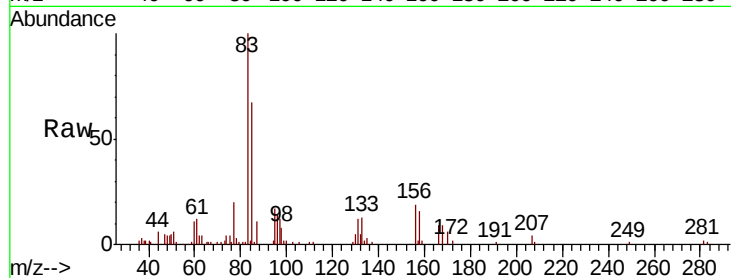
Tot Ion: 83 Resp: 16870

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

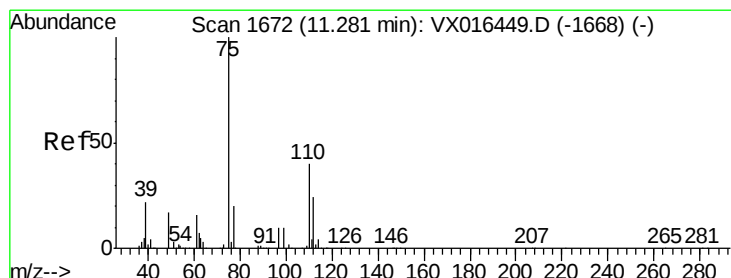
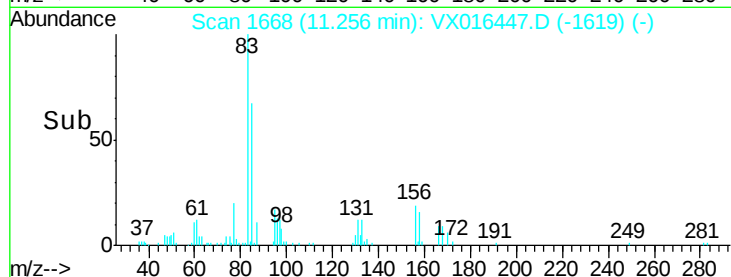
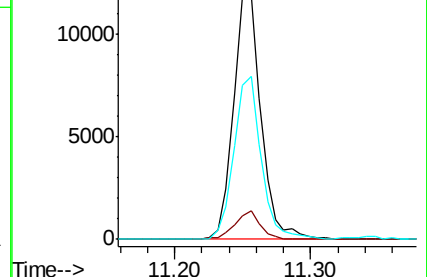
85 65.7 32.0 96.2



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: 6.894 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016447.D

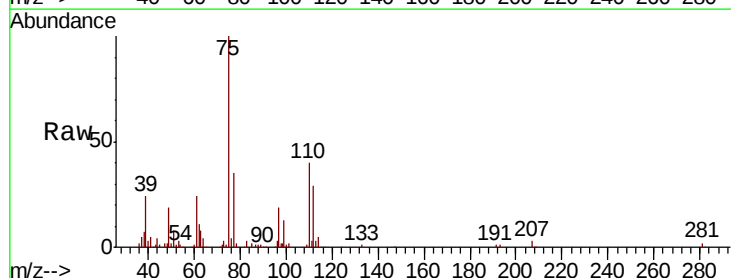
Acq: 27 May 2020 14:42

Tgt Ion: 75 Resp: 33032

Ion Ratio Lower Upper

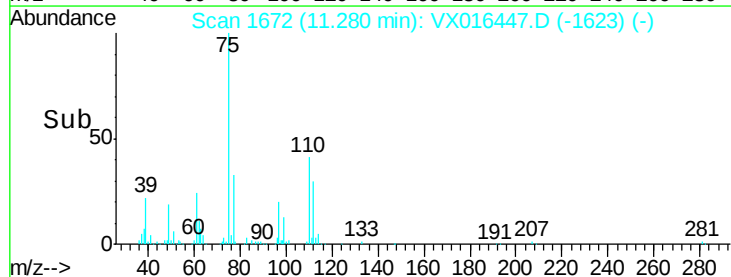
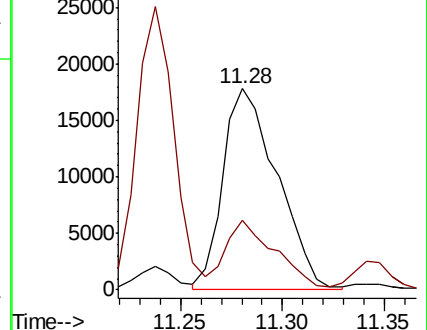
75 100

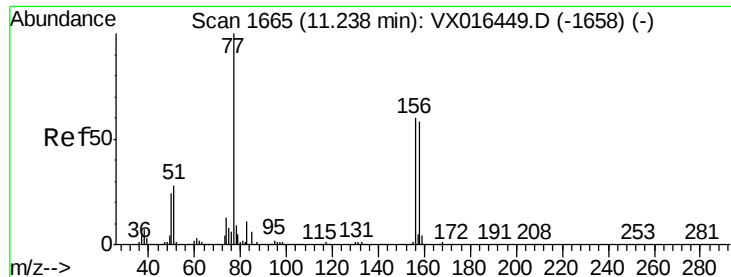
77 31.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.988 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

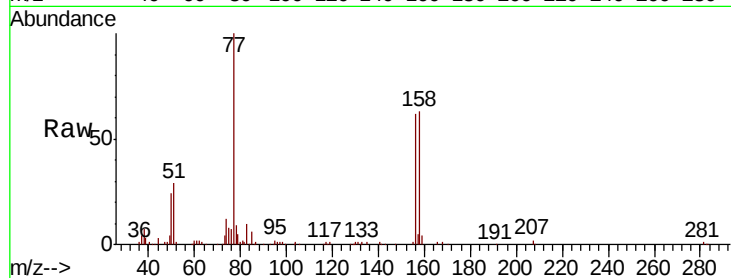
Tot Ion:156 Resp: 19816

Ion Ratio Lower Upper

156 100

77 160.8 79.6 238.8

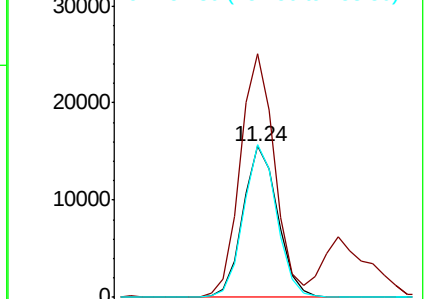
158 97.0 48.1 144.4



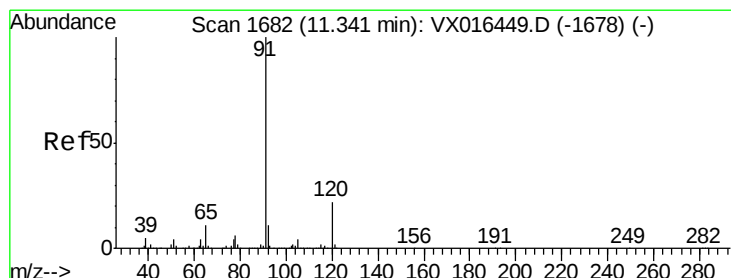
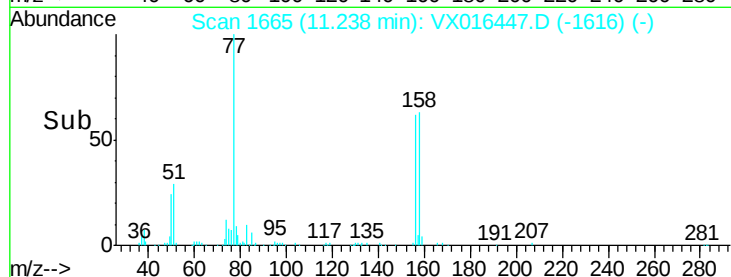
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 4.612 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016447.D

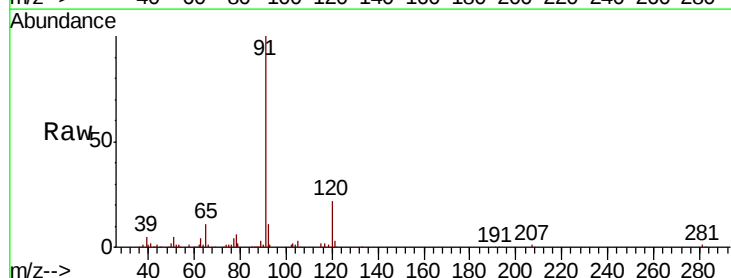
Acq: 27 May 2020 14:42

Tgt Ion: 91 Resp: 82055

Ion Ratio Lower Upper

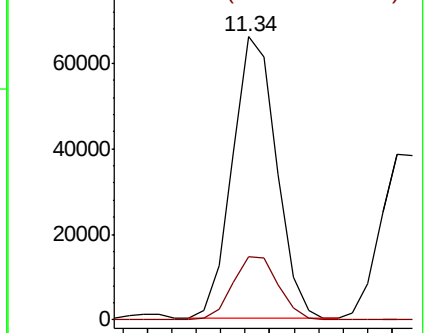
91 100

120 23.6 11.6 34.7

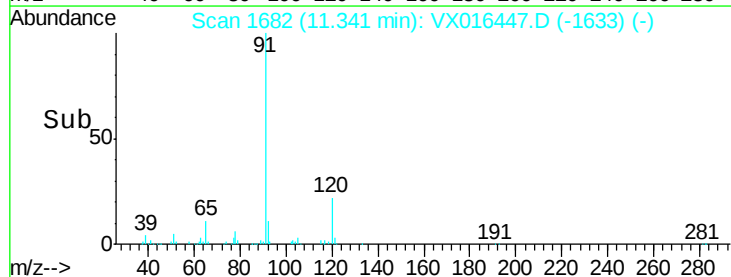


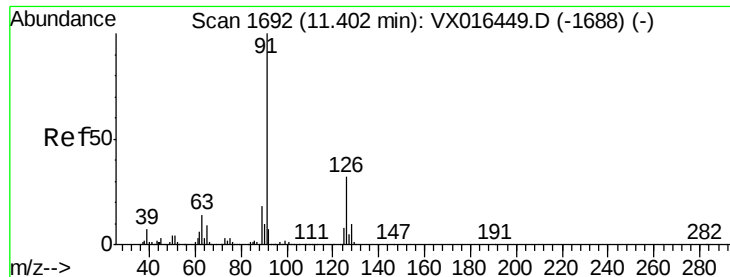
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 4.849 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

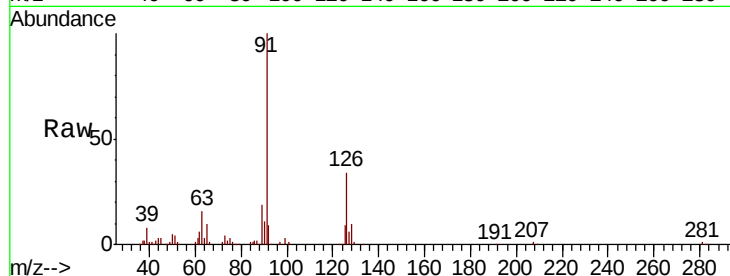
VSTDIC005

Tot Ion: 91 Resp: 51188

Ion Ratio Lower Upper

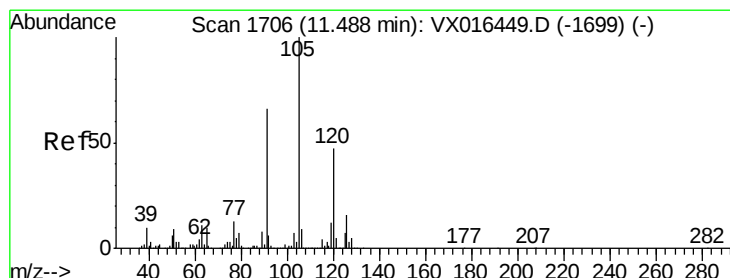
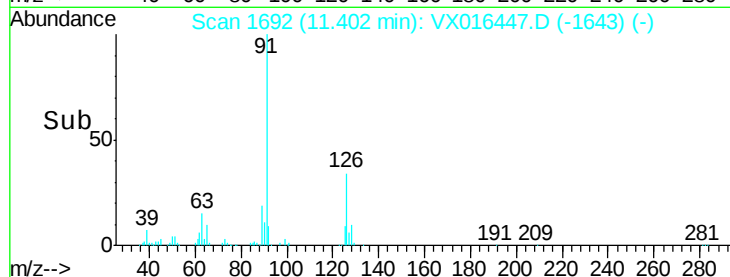
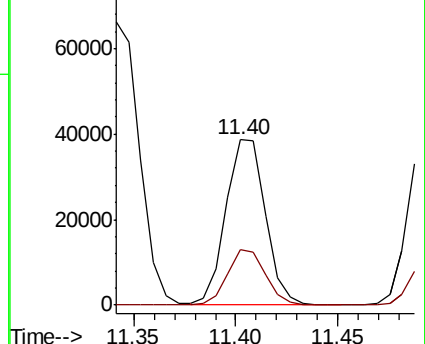
91 100

126 33.2 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.776 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016447.D

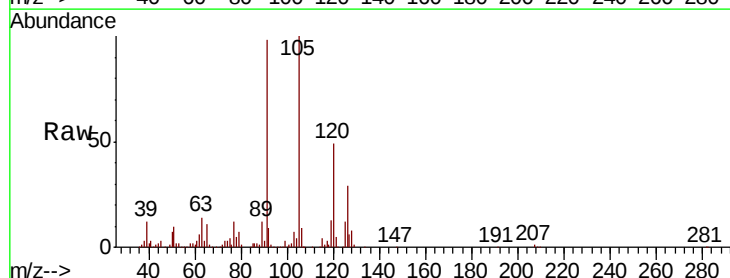
Acq: 27 May 2020 14:42

Tgt Ion: 105 Resp: 61914

Ion Ratio Lower Upper

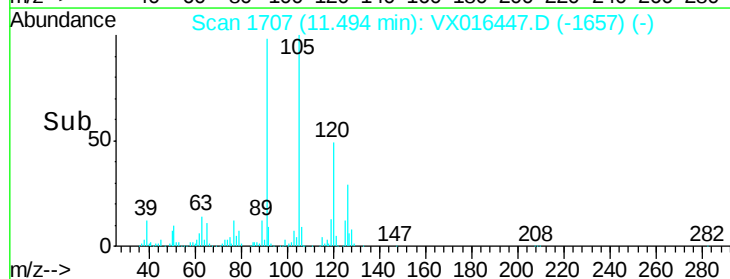
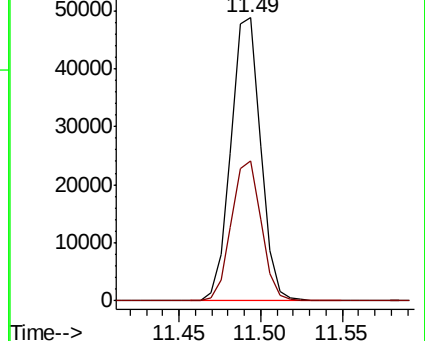
105 100

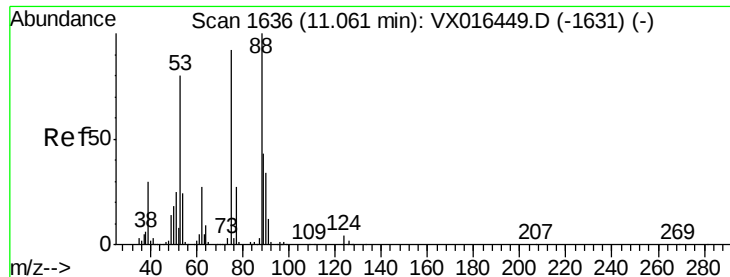
120 49.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.638 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

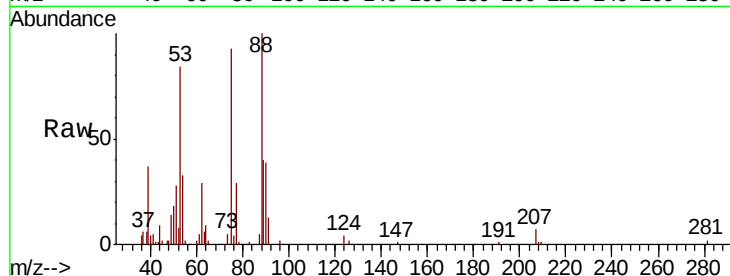
Tot Ion: 75 Resp: 9212

Ion Ratio Lower Upper

75 100

53 90.7 71.3 106.9

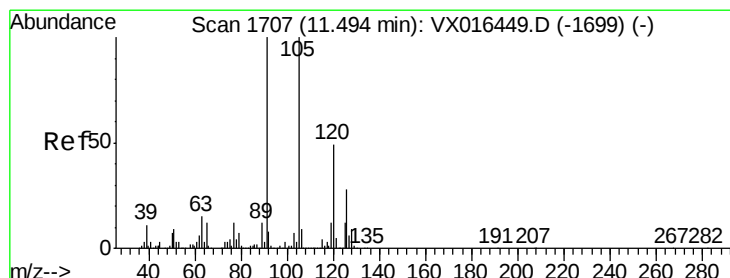
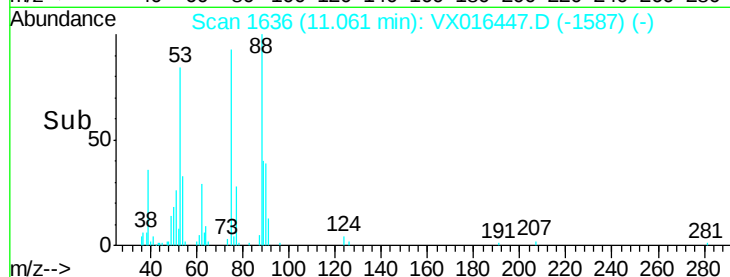
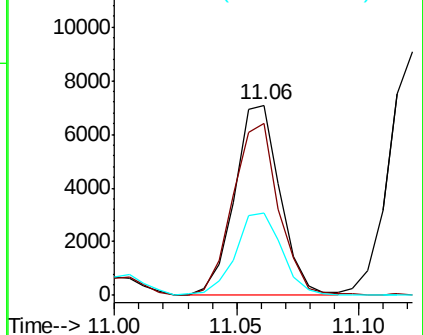
89 44.2 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.791 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016447.D

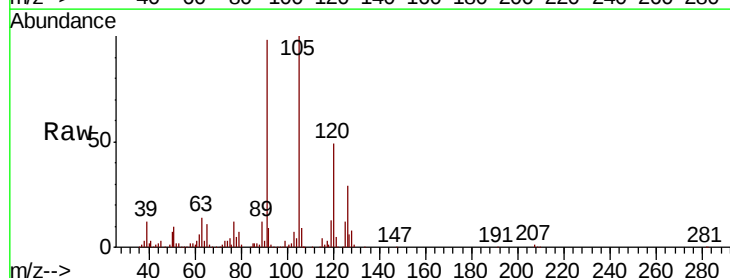
Acq: 27 May 2020 14:42

Tgt Ion: 91 Resp: 59681

Ion Ratio Lower Upper

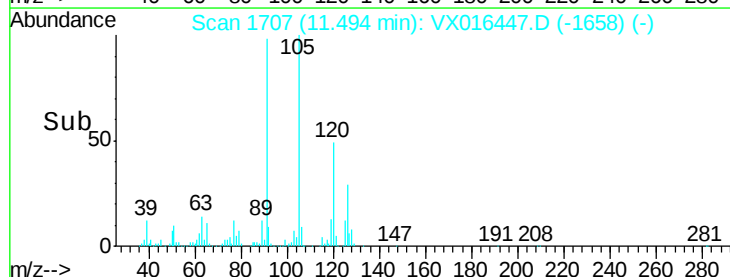
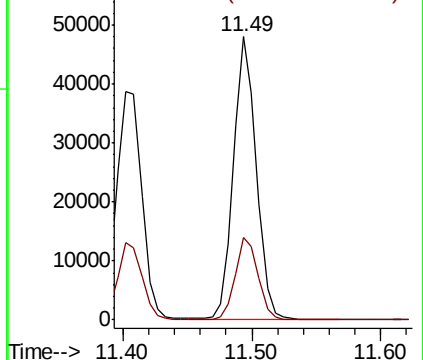
91 100

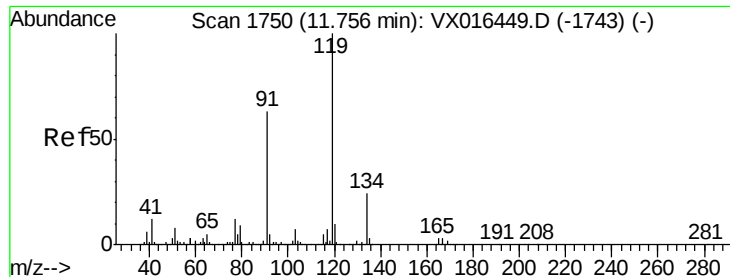
126 28.9 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

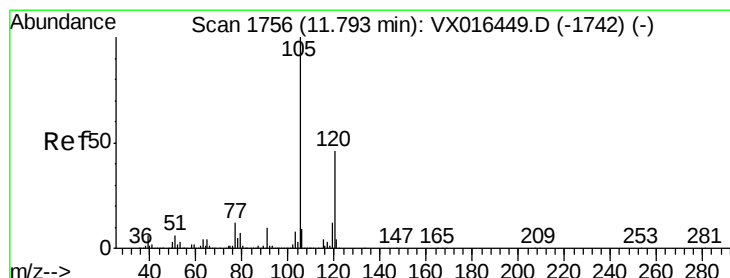
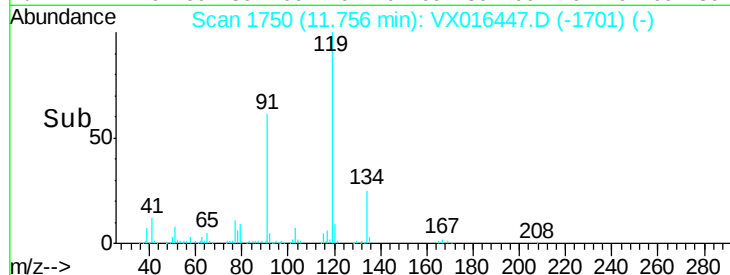
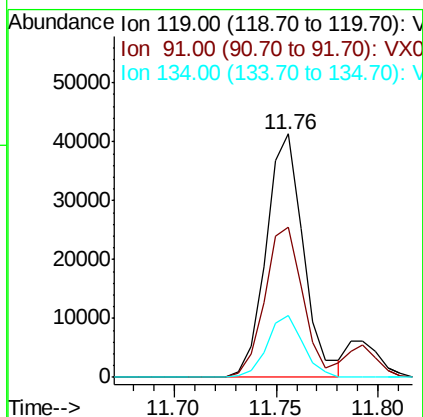
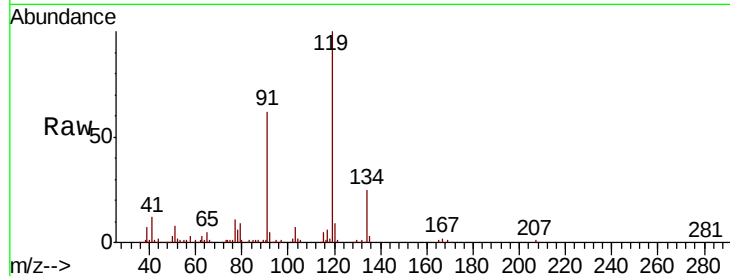




#83
tert-Butylbenzene
Concen: 4.713 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

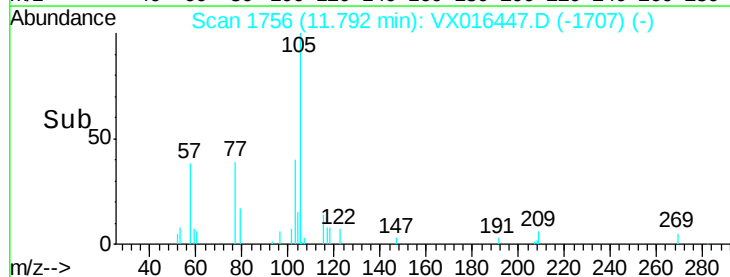
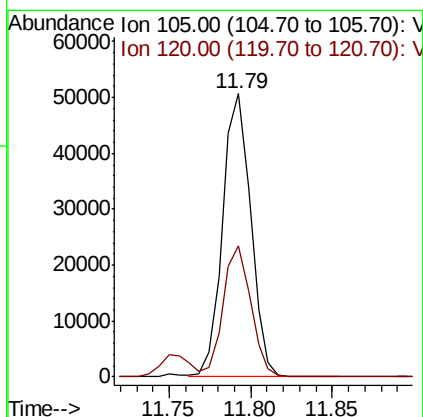
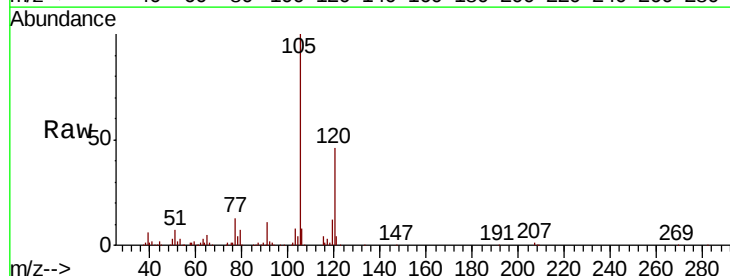
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

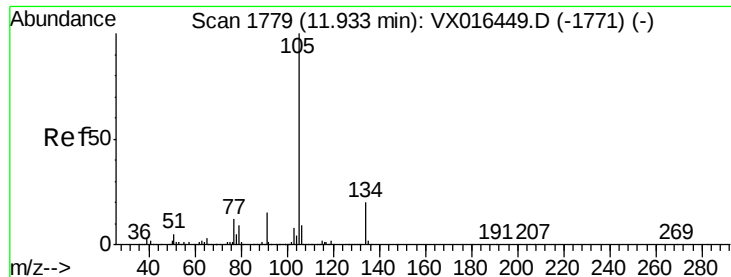
Tot Ion:119 Resp: 52688
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.8
134 24.6 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 4.662 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016447.D
Acq: 27 May 2020 14:42

Tgt Ion:105 Resp: 61096
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.7

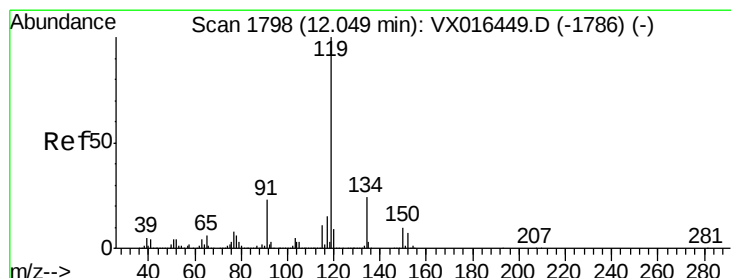
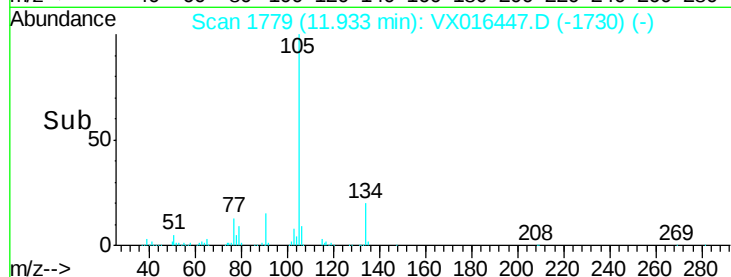
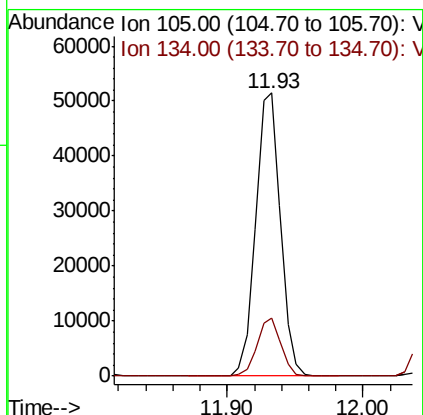
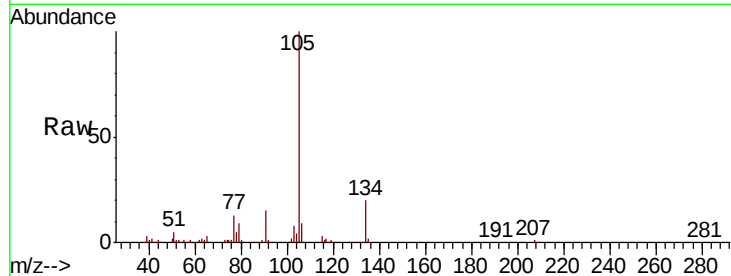




#85
 sec-Butylbenzene
 Concen: 4.446 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

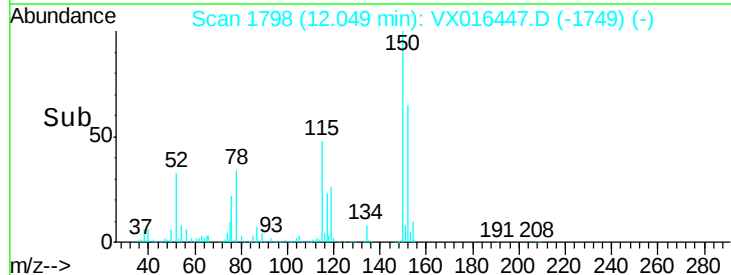
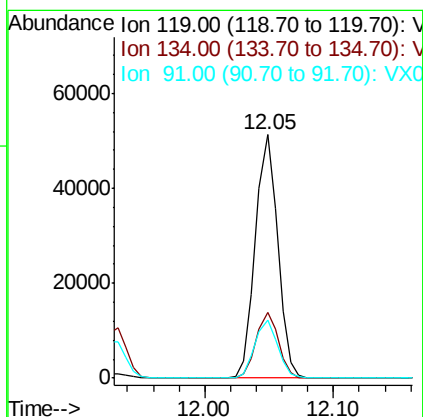
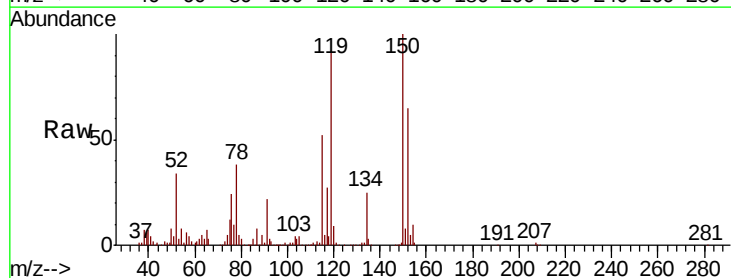
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

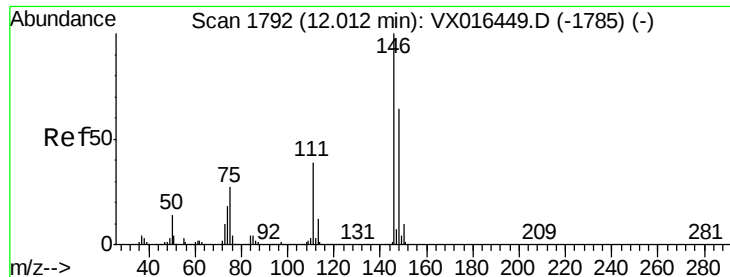
Tot Ion:105 Resp: 66154
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.419 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion:119 Resp: 61149
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.7 38.0
 91 24.5 11.7 35.0

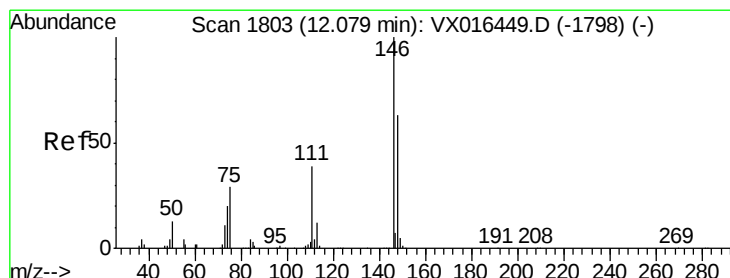
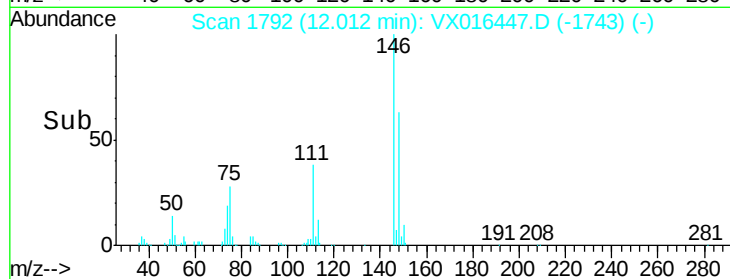
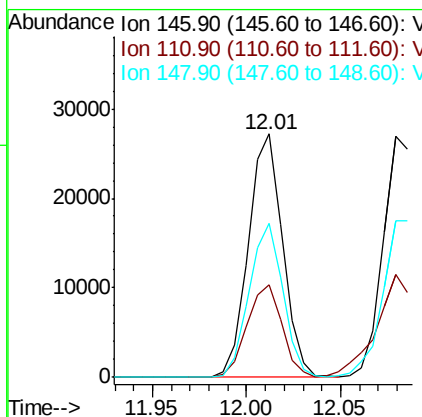
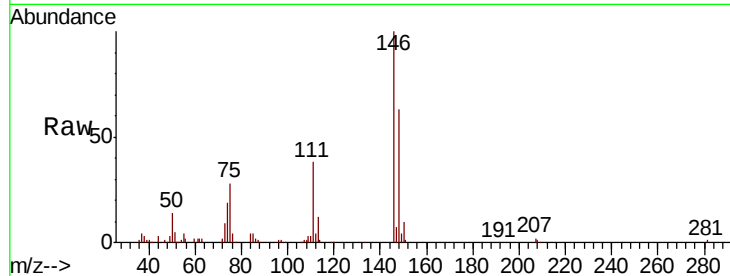




#87
 1,3-Dichlorobenzene
 Concen: 4.814 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

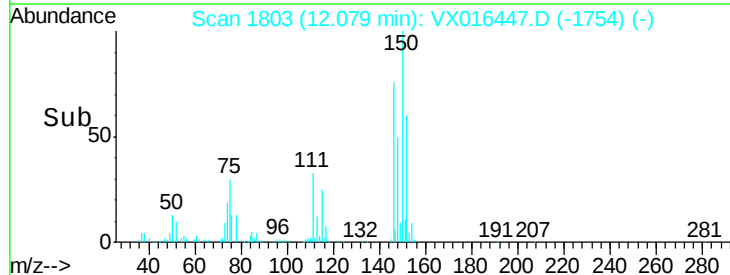
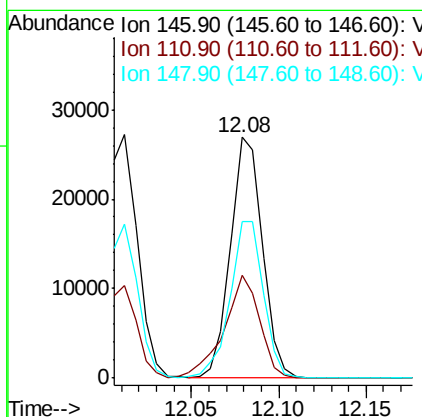
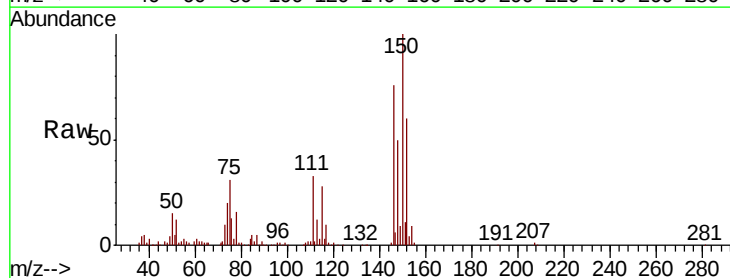
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

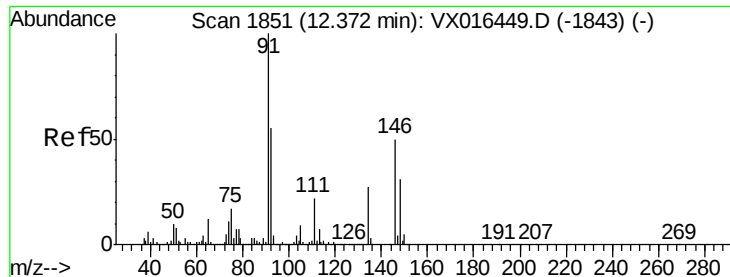
Tot Ion:146 Resp: 34244
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 60.0
 148 62.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 4.766 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion:146 Resp: 34407
 Ion Ratio Lower Upper
 146 100
 111 47.4 19.4 58.2
 148 67.8 31.4 94.3





#89

n-Butylbenzene

Concen: 3.933 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

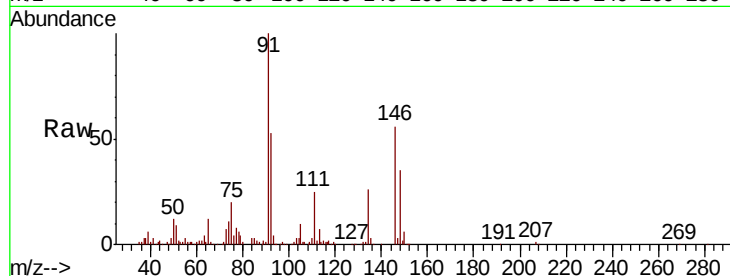
Tot Ion: 91 Resp: 49282

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

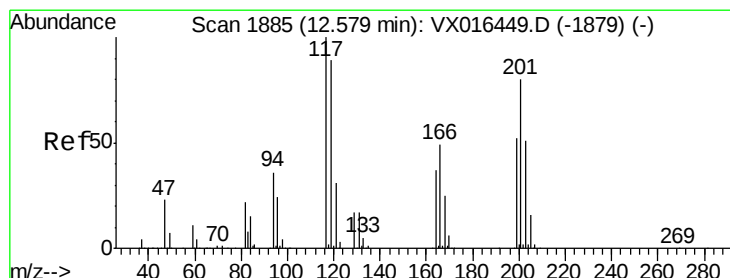
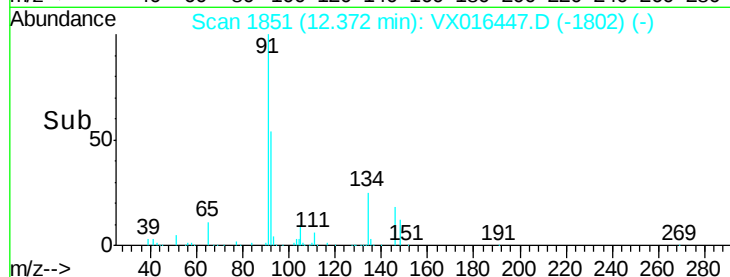
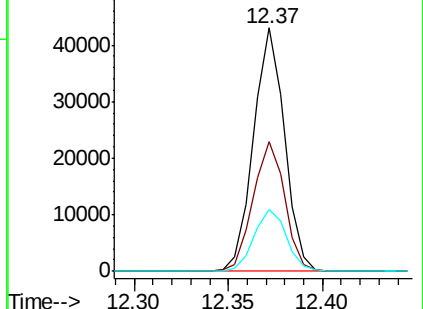
134 26.7 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX016447.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX016447.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016447.D (-1843) (-)



#90

Hexachloroethane

Concen: 4.432 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016447.D

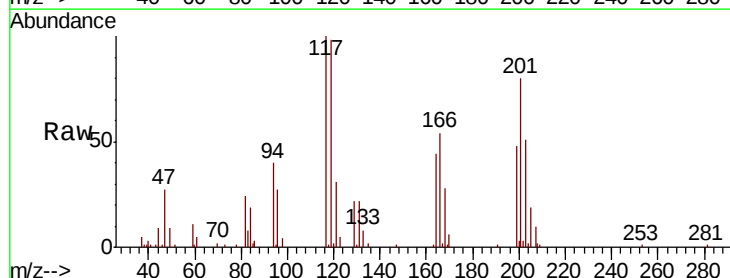
Acq: 27 May 2020 14:42

Tgt Ion: 117 Resp: 10499

Ion Ratio Lower Upper

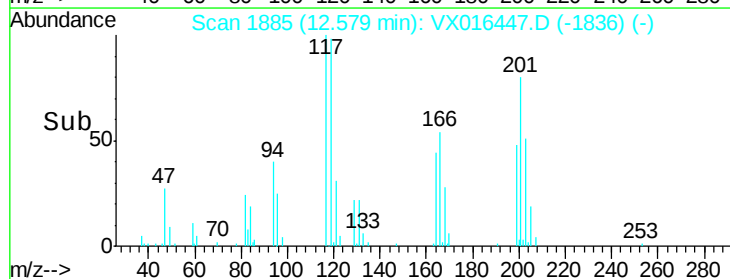
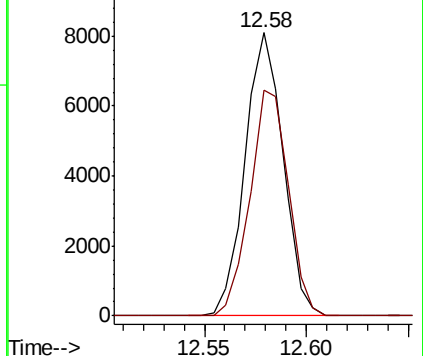
117 100

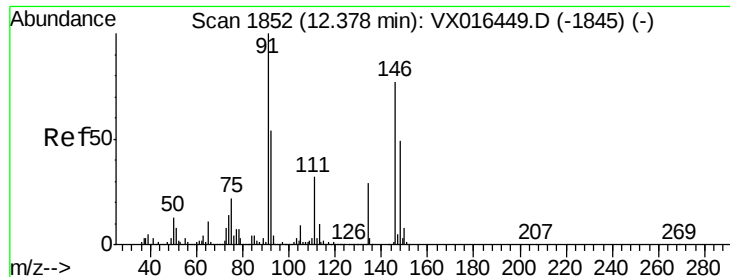
201 80.8 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX016447.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX016447.D (-1879) (-)





#91

1,2-Dichlorobenzene

Concen: 4.929 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

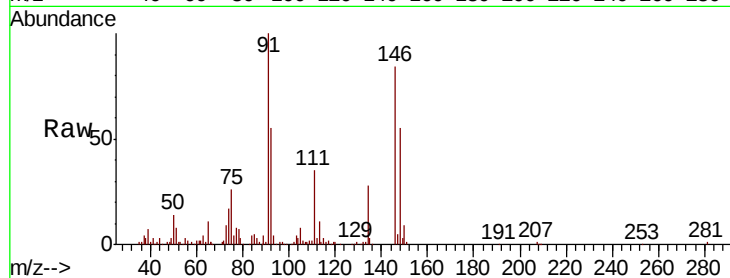
Tot Ion:146 Resp: 33739

Ion Ratio Lower Upper

146 100

111 42.1 21.4 64.3

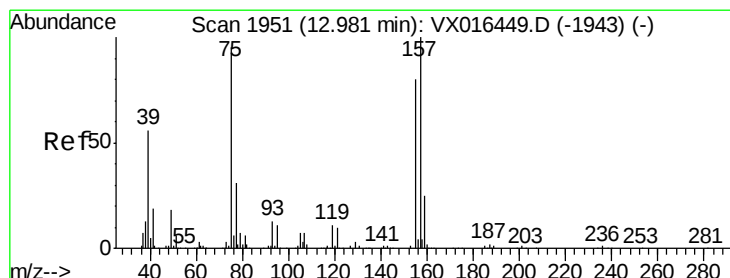
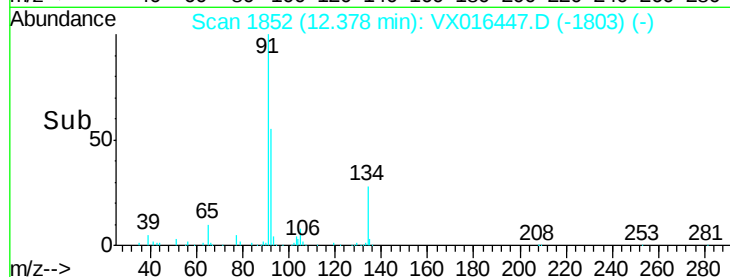
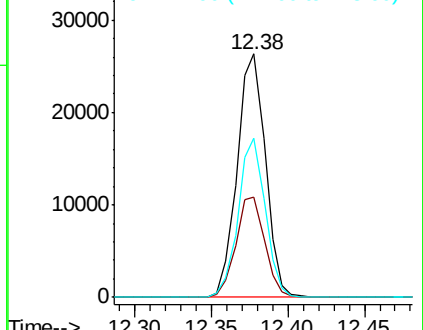
148 62.3 31.9 95.7



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: 4.688 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

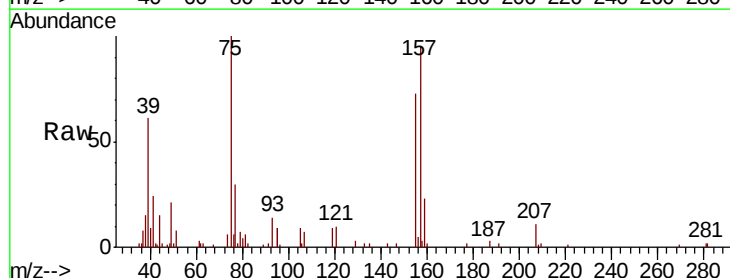
Tgt Ion: 75 Resp: 5918

Ion Ratio Lower Upper

75 100

155 86.5 44.1 132.4

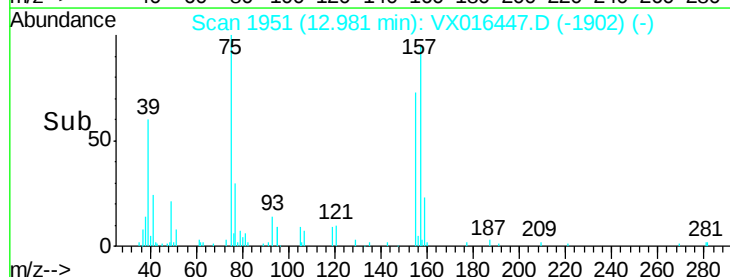
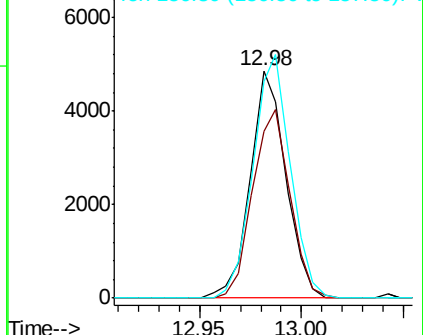
157 112.1 57.8 173.3

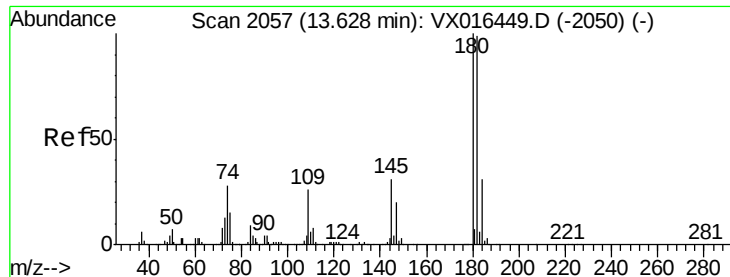


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

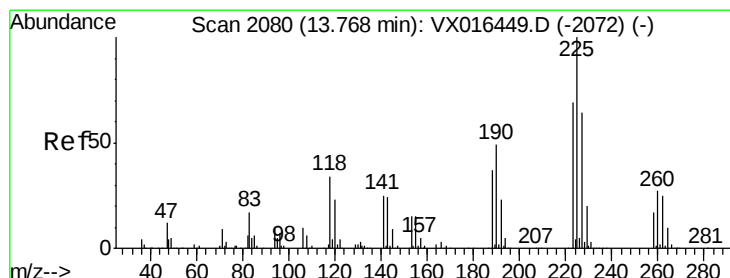
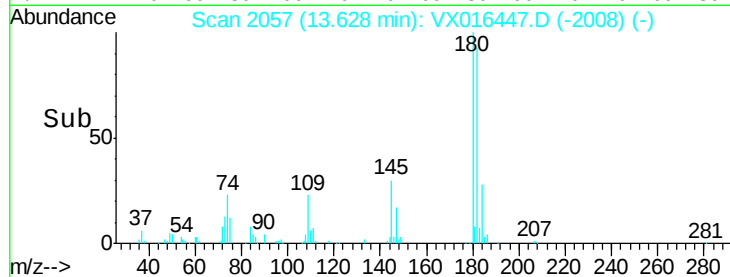
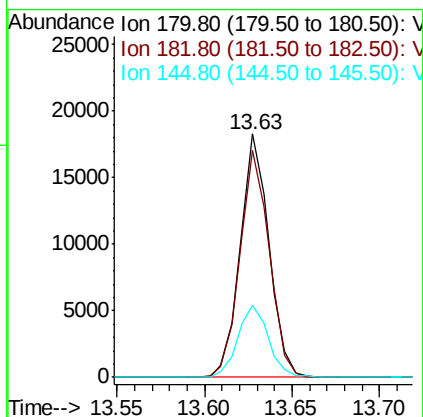
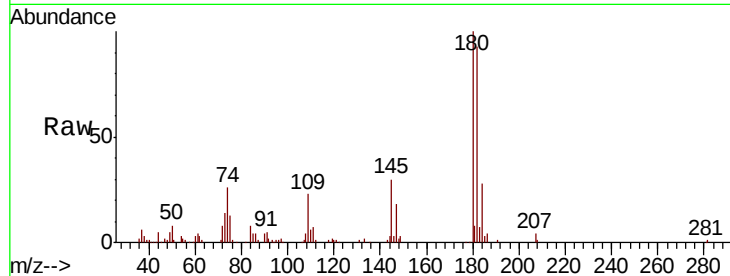




#93
 1,2,4-Trichlorobenzene
 Concen: 4.161 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

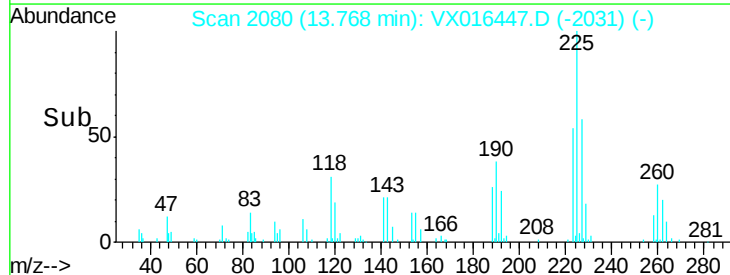
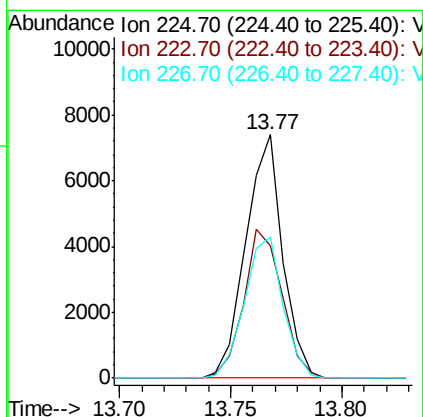
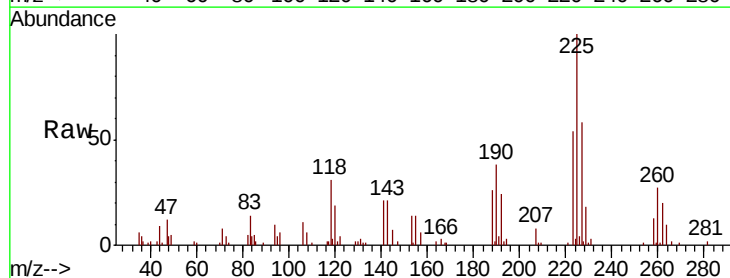
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

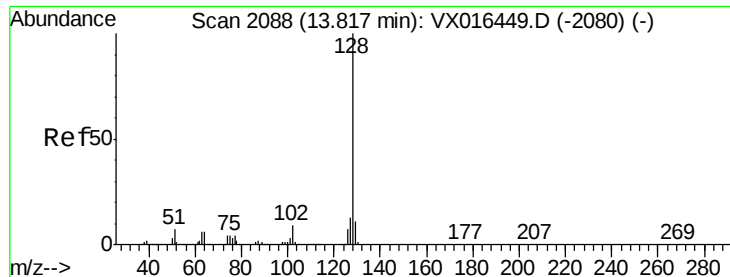
Tot Ion:180 Resp: 20894
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.3 144.8
 145 31.3 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 3.776 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016447.D
 Acq: 27 May 2020 14:42

Tgt Ion:225 Resp: 8536
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.3 96.8
 227 60.8 31.6 94.7





#95

Naphthalene

Concen: 4.357 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

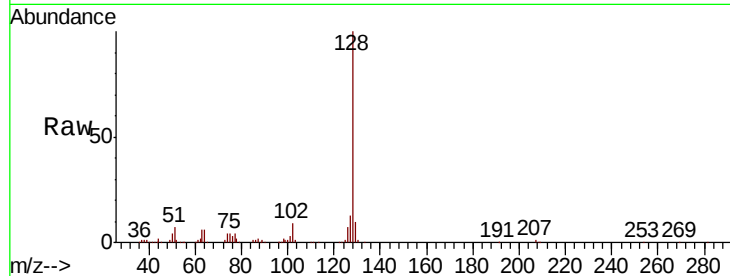
Tot Ion:128 Resp: 71107

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

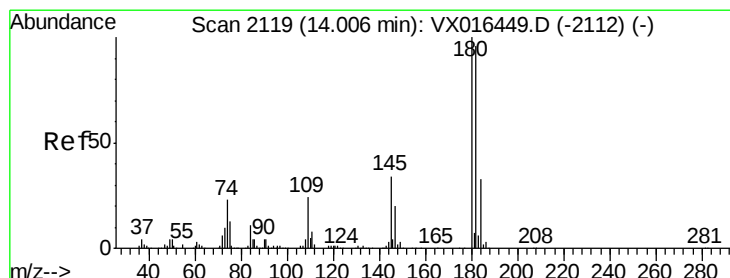
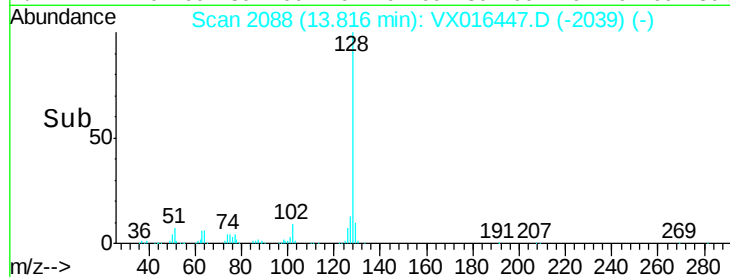
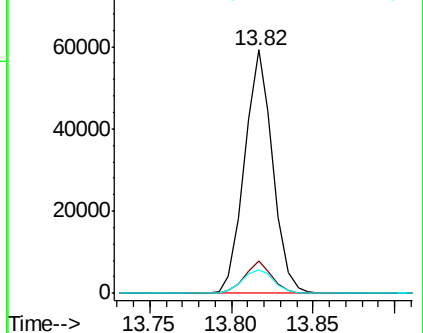
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.173 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016447.D

Acq: 27 May 2020 14:42

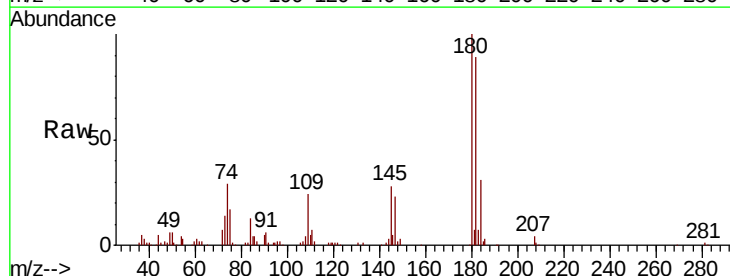
Tgt Ion:180 Resp: 20325

Ion Ratio Lower Upper

180 100

182 97.4 48.6 145.8

145 31.7 16.6 49.8



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

