

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016747.D
 Acq On : 15 Jun 2020 11:33
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 15 12:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	198597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	14981	6.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.44%	
35) Dibromofluoromethane	5.47	113	12070	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
50) Toluene-d8	8.70	98	37806	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	
62) 4-Bromofluorobenzene	11.12	95	14818	4.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	5258	2.646	ug/l 98
3) Chloromethane	1.31	50	11817	5.094	ug/l 96
4) Vinyl Chloride	1.39	62	10611	4.303	ug/l 100
5) Bromomethane	1.62	94	8606	6.911	ug/l 96
6) Chloroethane	1.70	64	7646	5.301	ug/l # 86
7) Trichlorofluoromethane	1.91	101	12553	3.807	ug/l 97
8) Diethyl Ether	2.17	74	8658	6.414	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6206	3.471	ug/l 96
10) Methyl Iodide	2.49	142	9378	4.802	ug/l 99
11) Tert butyl alcohol	3.01	59	16804	27.621	ug/l 99
12) 1,1-Dichloroethene	2.36	96	9756	5.145	ug/l 97
13) Acrolein	2.27	56	8369	31.953	ug/l 96
14) Allyl chloride	2.70	41	17662	5.207	ug/l 98
15) Acrylonitrile	3.11	53	34641	27.707	ug/l 98
16) Acetone	2.42	43	30210	28.897	ug/l 100
17) Carbon Disulfide	2.54	76	27327	4.887	ug/l 95
18) Methyl Acetate	2.75	43	15382	5.630	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	39686	5.900	ug/l 98
20) Methylene Chloride	2.83	84	13836	6.297	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	11522	5.521	ug/l 96
22) Diisopropyl ether	3.82	45	34819	5.366	ug/l 99
23) Vinyl Acetate	3.78	43	149969	26.601	ug/l 100
24) 1,1-Dichloroethane	3.67	63	21036	5.655	ug/l 98
25) 2-Butanone	4.64	43	46262	26.416	ug/l 92
26) 2,2-Dichloropropane	4.55	77	18206	5.807	ug/l 97
27) cis-1,2-Dichloroethene	4.57	96	14015	5.833	ug/l 98
28) Bromochloromethane	4.98	49	9493	5.529	ug/l 98
29) Tetrahydrofuran	5.09	42	30651	27.132	ug/l 95
30) Chloroform	5.18	83	22607	5.981	ug/l 97
31) Cyclohexane	5.55	56	8862	2.676	ug/l 91
32) 1,1,1-Trichloroethane	5.46	97	18091	5.253	ug/l 98
36) 1,1-Dichloropropene	5.77	75	12805	3.851	ug/l 97
37) Ethyl Acetate	4.79	43	18321	4.697	ug/l 99
38) Carbon Tetrachloride	5.75	117	14211	4.012	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016747.D
 Acq On : 15 Jun 2020 11:33
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 15 12:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	8383	2.311	ug/l	96
40) Benzene	6.11	78	48557	4.915	ug/l	100
41) Methacrylonitrile	5.00	41	9322	4.350	ug/l	97
42) 1,2-Dichloroethane	6.16	62	18800	5.344	ug/l	100
43) Isopropyl Acetate	6.41	43	27972	4.585	ug/l	99
44) Trichloroethene	7.19	130	14692	4.681	ug/l	92
45) 1,2-Dichloropropane	7.49	63	11944	4.774	ug/l	95
46) Dibromomethane	7.64	93	8689	5.118	ug/l	98
47) Bromodichloromethane	7.87	83	18037	5.126	ug/l	98
48) Methyl methacrylate	7.74	41	12969	4.449	ug/l	96
49) 1,4-Dioxane	7.71	88	6434	93.479	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	86323	22.782	ug/l	99
52) Toluene	8.76	92	30978	4.949	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	20584	5.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	21632	5.128	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	13529	5.423	ug/l	91
56) Ethyl methacrylate	9.16	69	18273	4.558	ug/l	97
57) 1,3-Dichloropropane	9.35	76	22596	5.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	48476	23.184	ug/l	97
59) 2-Hexanone	9.47	43	65765	22.347	ug/l	97
60) Dibromochloromethane	9.57	129	14972	5.289	ug/l	98
61) 1,2-Dibromoethane	9.65	107	14099	5.257	ug/l	99
64) Tetrachloroethene	9.32	164	15658	4.209	ug/l	94
65) Chlorobenzene	10.12	112	35087	5.083	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	13924	5.232	ug/l	99
67) Ethyl Benzene	10.23	91	53271	4.360	ug/l	98
68) m/p-Xylenes	10.34	106	40055	8.796	ug/l	99
69) o-Xylene	10.68	106	19974	4.525	ug/l	98
70) Styrene	10.70	104	33439	4.418	ug/l	99
71) Bromoform	10.84	173	11406	5.094	ug/l #	96
73) Isopropylbenzene	11.00	105	45977	4.180	ug/l	100
74) N-amyl acetate	10.88	43	19931	4.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	16508	5.920	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	24014	6.938	ug/l	84
77) Bromobenzene	11.24	156	15396	5.298	ug/l	99
78) n-propylbenzene	11.34	91	49612	4.055	ug/l	98
79) 2-Chlorotoluene	11.40	91	35830	4.792	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	40362	4.398	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	6825	4.861	ug/l	98
82) 4-Chlorotoluene	11.49	91	41000	4.657	ug/l	100
83) tert-Butylbenzene	11.76	119	34266	4.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	40726	4.389	ug/l	100
85) sec-Butylbenzene	11.93	105	36282	3.674	ug/l	99
86) p-Isopropyltoluene	12.05	119	35158	3.792	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	24722	4.924	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	26044	5.072	ug/l	95
89) n-Butylbenzene	12.37	91	27490	3.573	ug/l	98
90) Hexachloroethane	12.58	117	7012	4.364	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	24859	5.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4315	4.857	ug/l	96

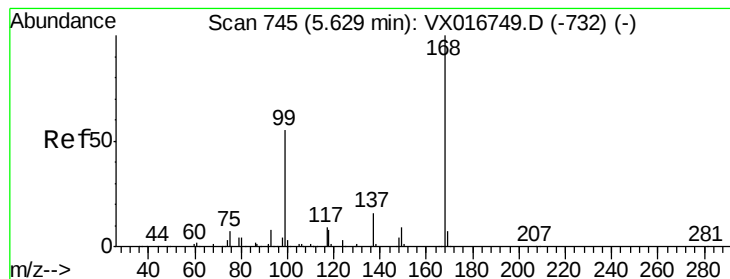
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
Data File : VX016747.D
Acq On : 15 Jun 2020 11:33
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 15 12:46:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 15 12:43:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	15259	4.696	ug/l	98
94) Hexachlorobutadiene	13.76	225	5345	4.045	ug/l	97
95) Naphthalene	13.82	128	49492	4.476	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	14946	4.656	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

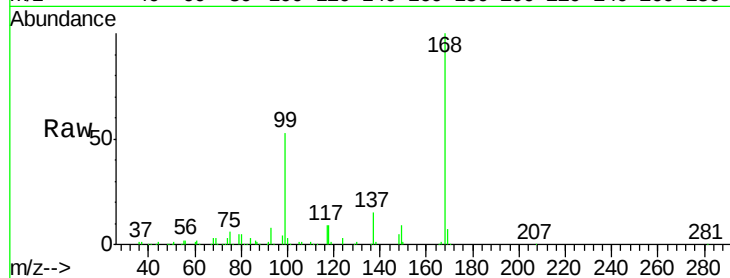
VSTDIC005

Tgt Ion:168 Resp: 198597

Ion Ratio Lower Upper

168 100

99 52.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

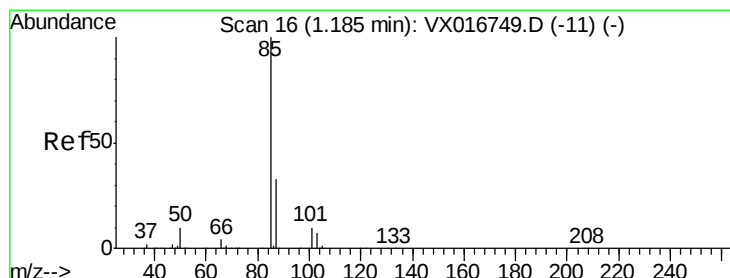
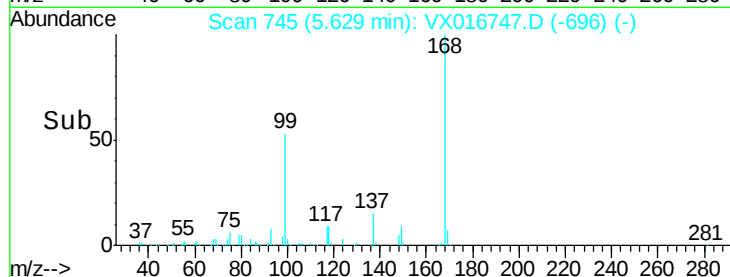
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.646 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016747.D

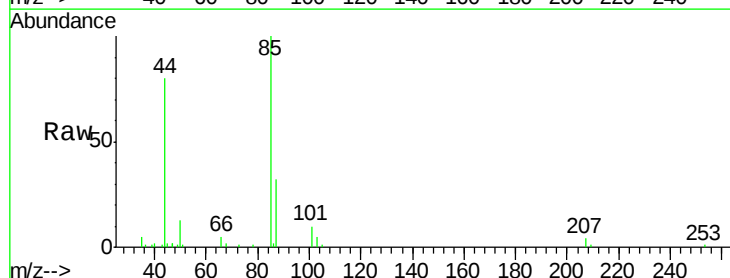
Acq: 15 Jun 2020 11:33

Tgt Ion: 85 Resp: 5258

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

6000

5000

4000

3000

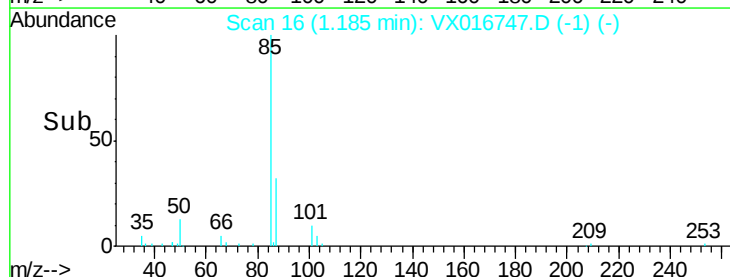
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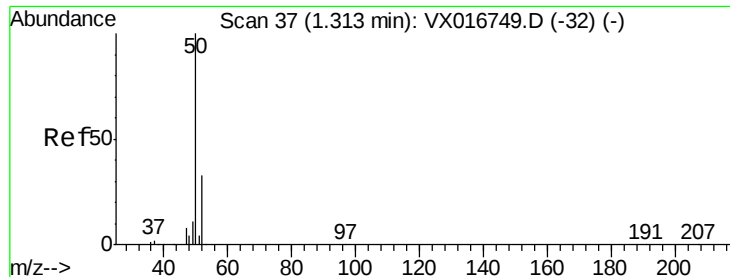
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 5.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

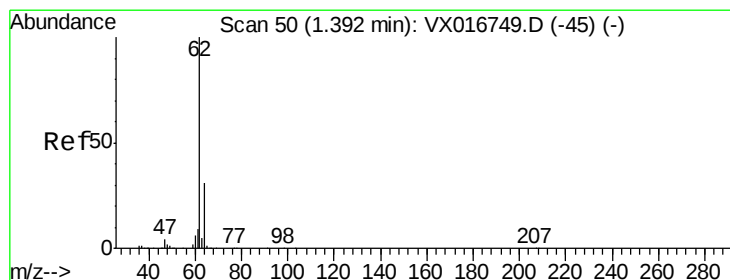
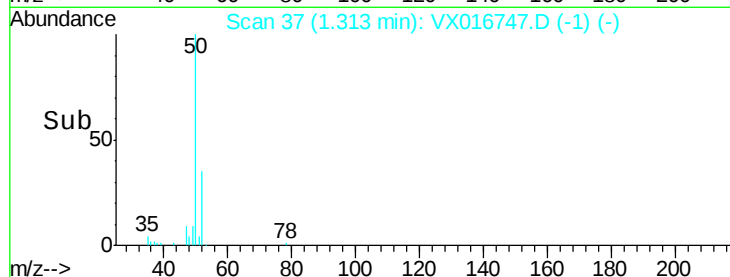
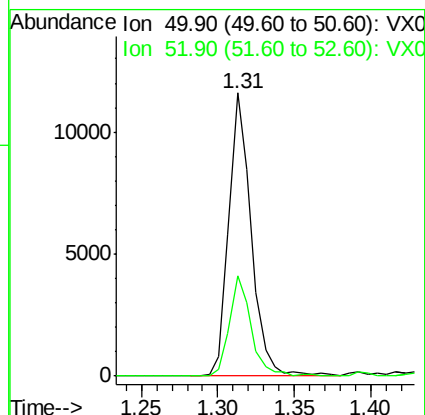
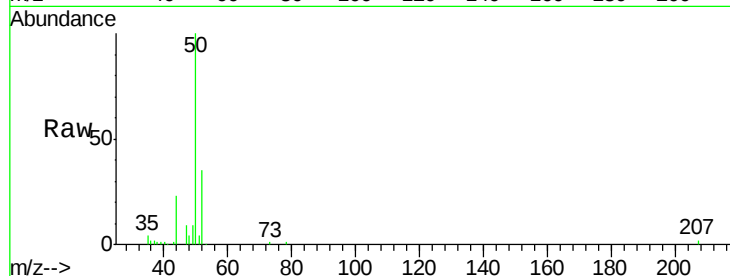
VSTDIC005

Tgt Ion: 50 Resp: 11817

Ion Ratio Lower Upper

50 100

52 35.3 26.5 39.7



#4

Vinyl Chloride

Concen: 4.303 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016747.D

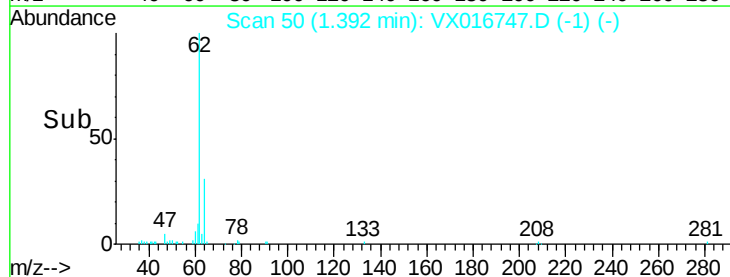
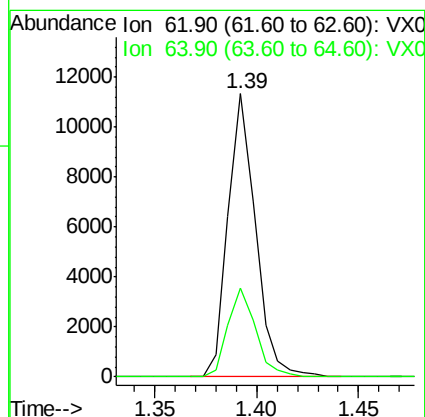
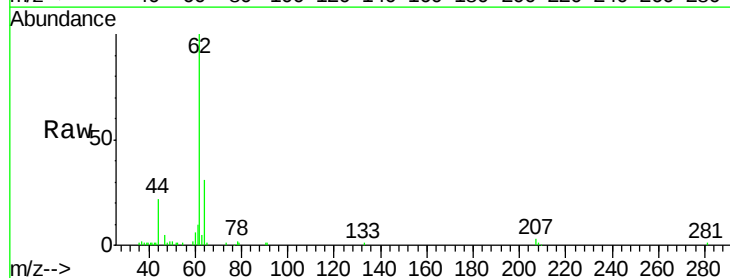
Acq: 15 Jun 2020 11:33

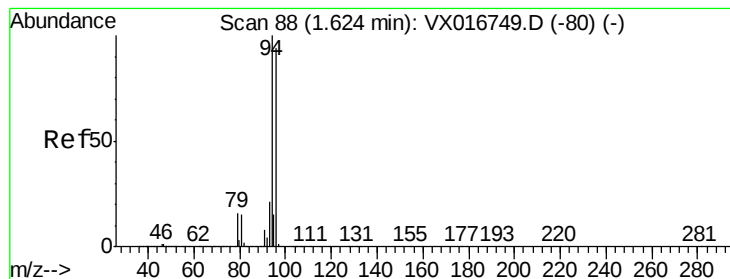
Tgt Ion: 62 Resp: 10611

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 6.911 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

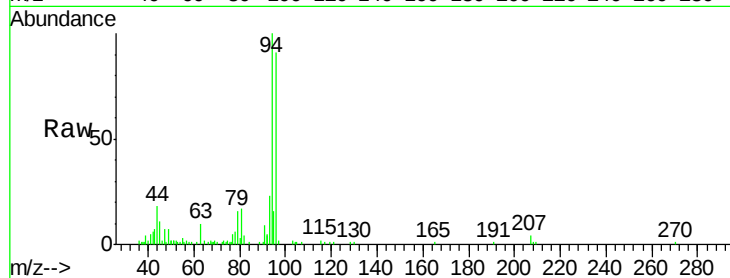
VSTDIC005

Tgt Ion: 94 Resp: 8606

Ion Ratio Lower Upper

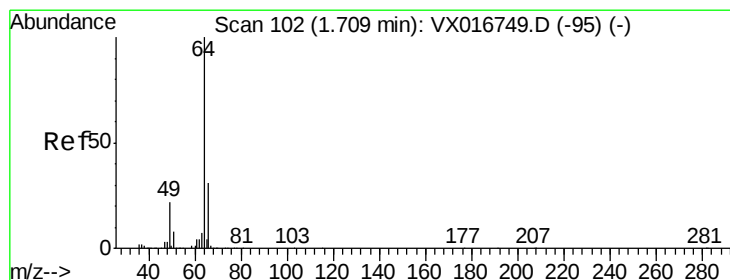
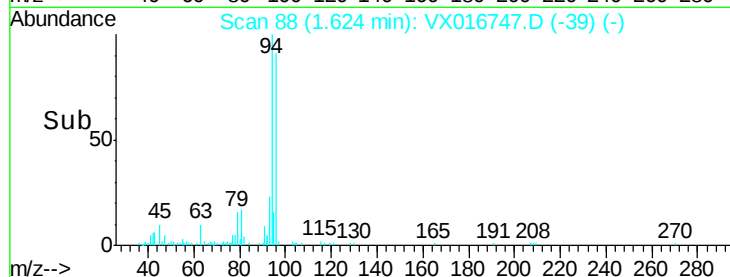
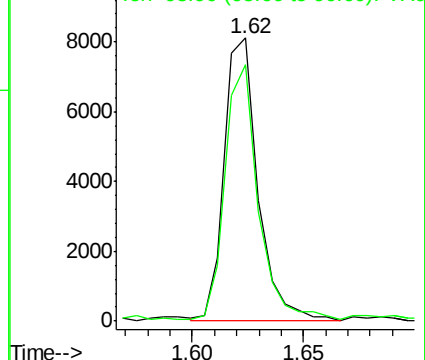
94 100

96 90.1 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.301 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016747.D

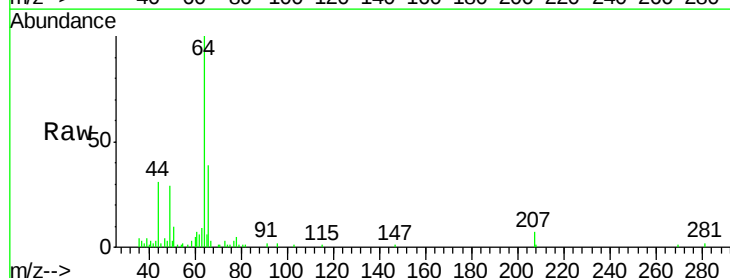
Acq: 15 Jun 2020 11:33

Tgt Ion: 64 Resp: 7646

Ion Ratio Lower Upper

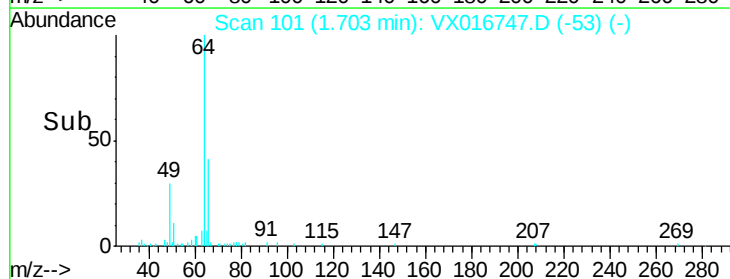
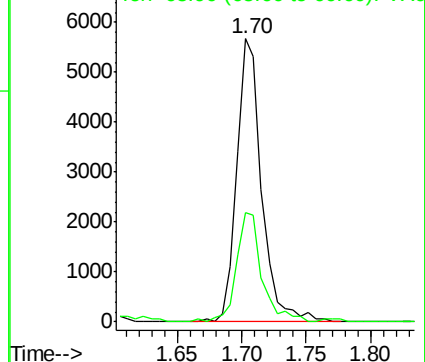
64 100

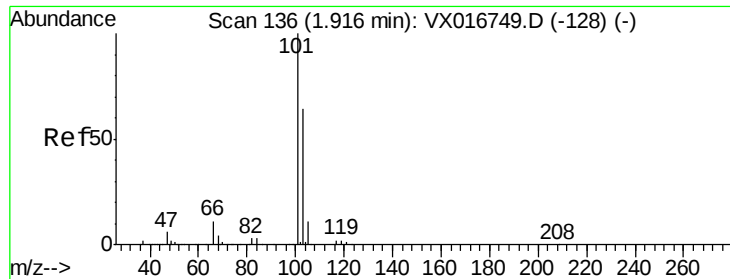
66 38.8 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



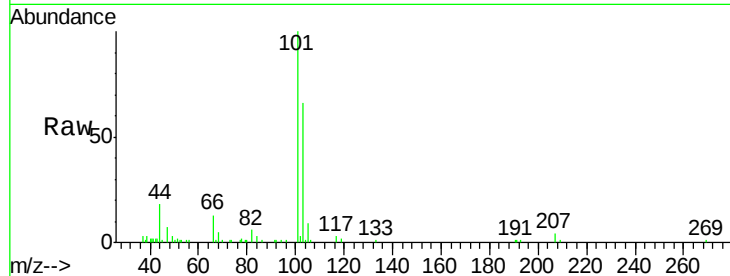


#7

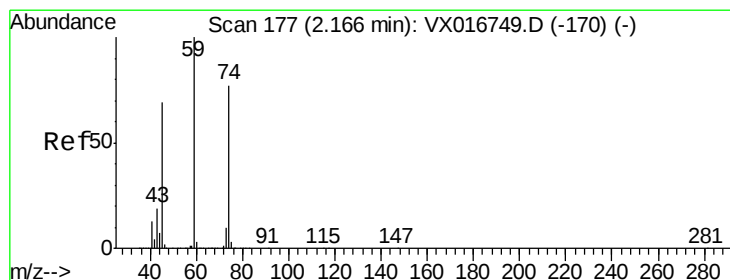
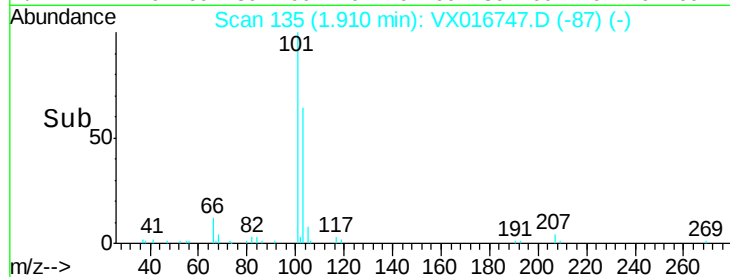
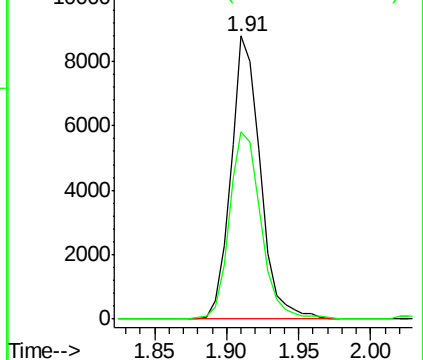
Trichlorofluoromethane
Concen: 3.807 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 12553
Ion Ratio Lower Upper
101 100
103 66.3 51.3 76.9



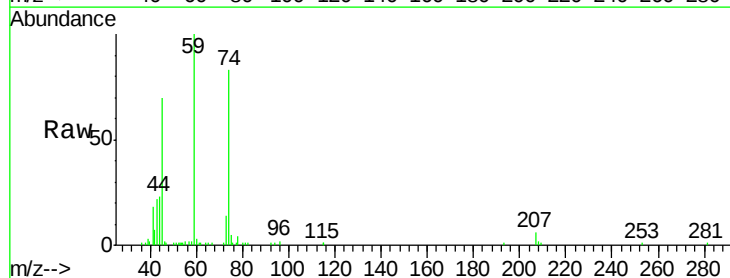
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



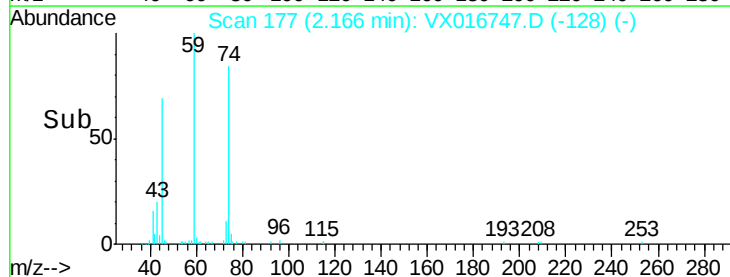
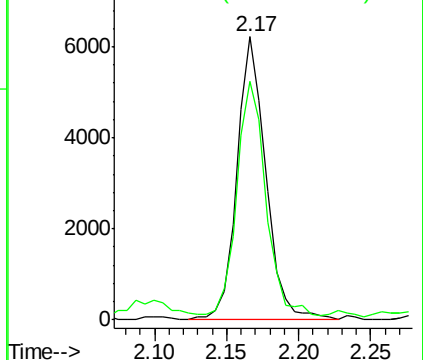
#8

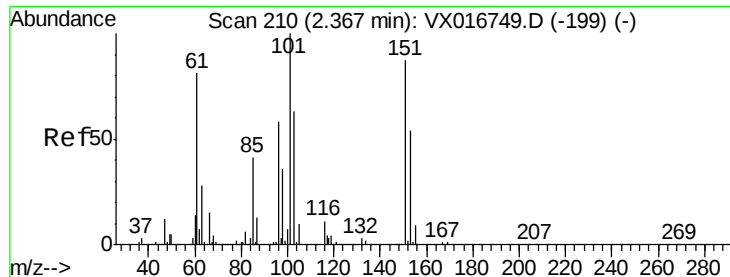
Diethyl Ether
Concen: 6.414 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 74 Resp: 8658
Ion Ratio Lower Upper
74 100
45 82.7 43.5 130.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.471 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

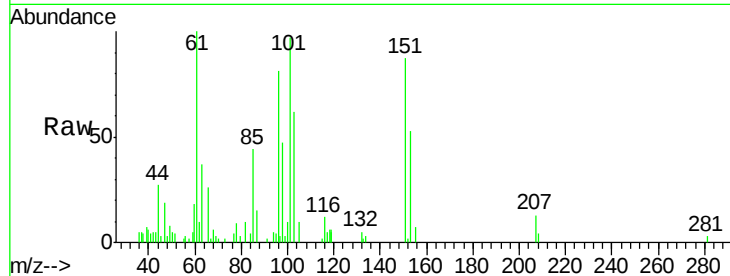
Tgt Ion:101 Resp: 6206

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

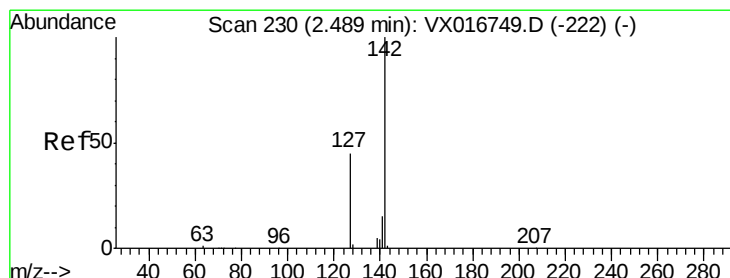
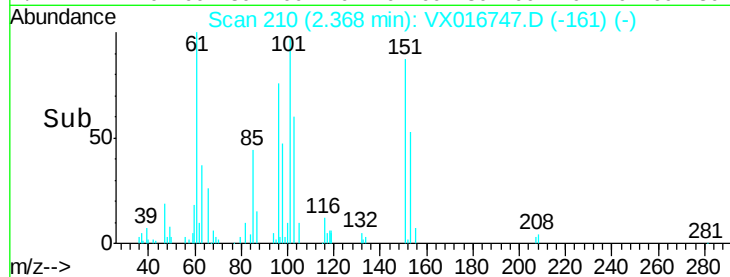
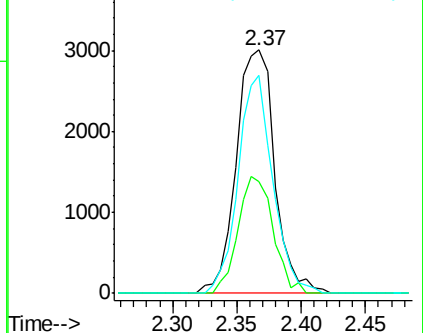
151 80.8 68.7 103.1



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: 4.802 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

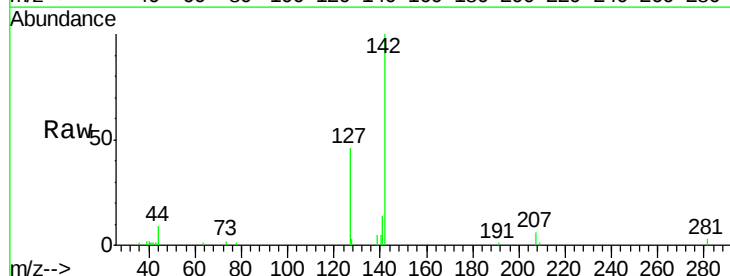
Tgt Ion:142 Resp: 9378

Ion Ratio Lower Upper

142 100

127 44.7 35.4 53.2

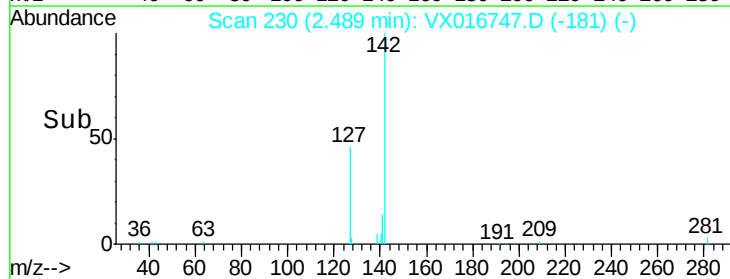
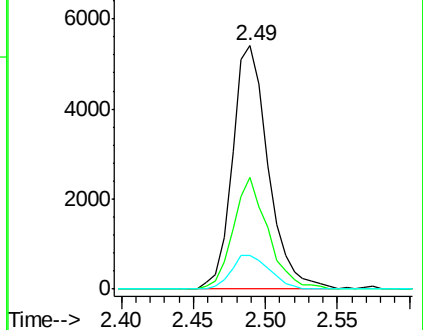
141 14.8 11.7 17.5

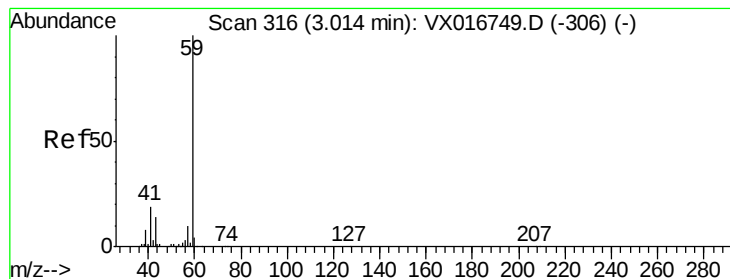


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



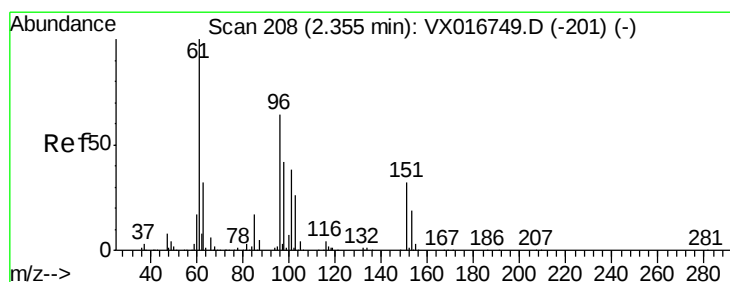
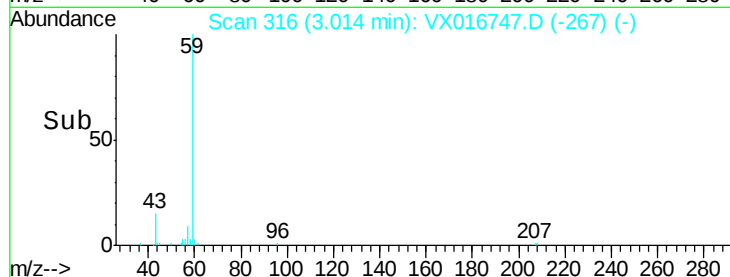
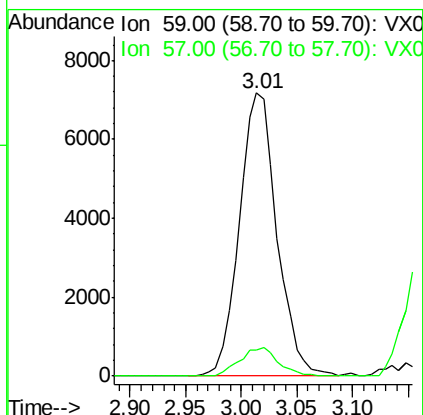
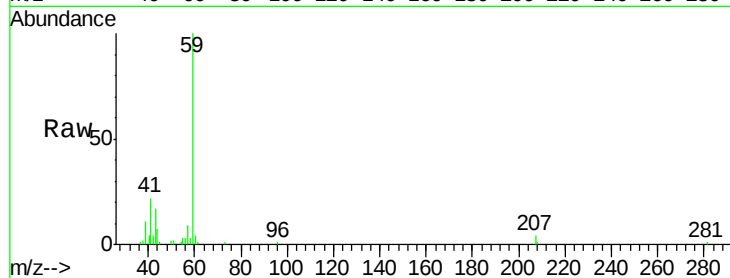


#11

Tert butyl alcohol
 Concen: 27.621 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

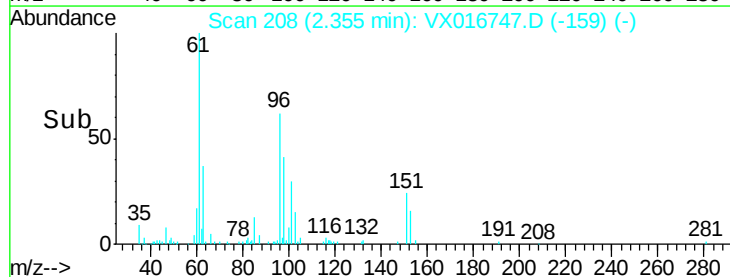
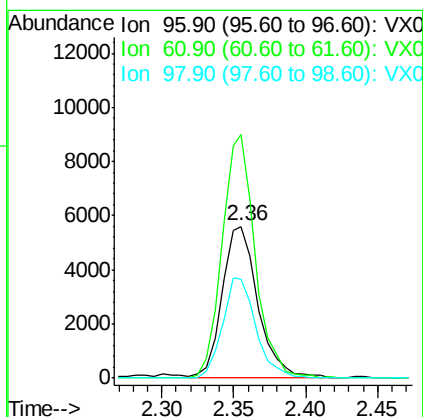
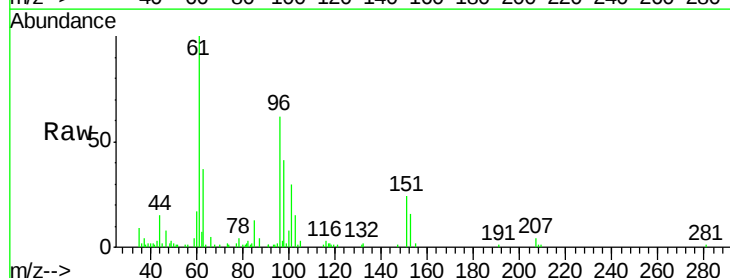
Tgt Ion: 59 Resp: 16804
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

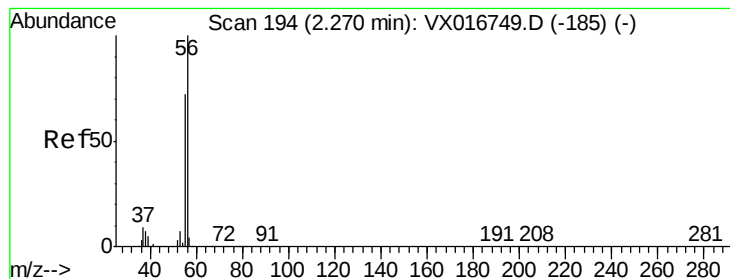


#12

1,1-Dichloroethene
 Concen: 5.145 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion: 96 Resp: 9756
 Ion Ratio Lower Upper
 96 100
 61 160.4 124.1 186.1
 98 65.3 52.7 79.1





#13

Acrolein

Concen: 31.953 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

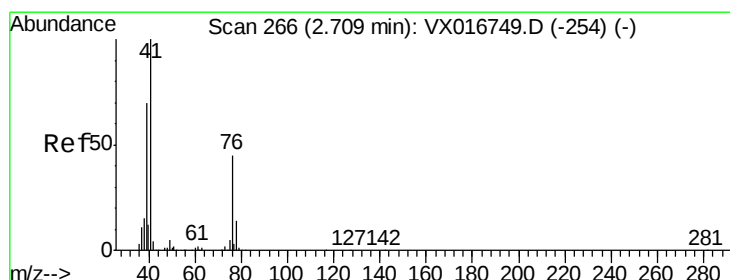
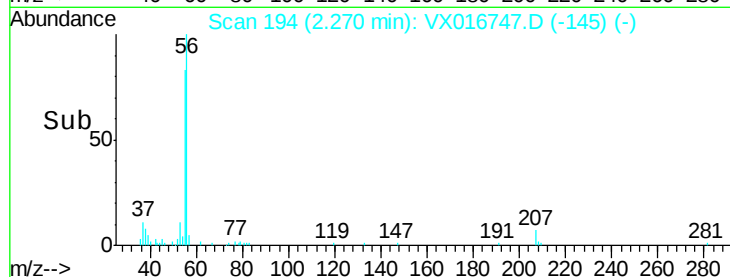
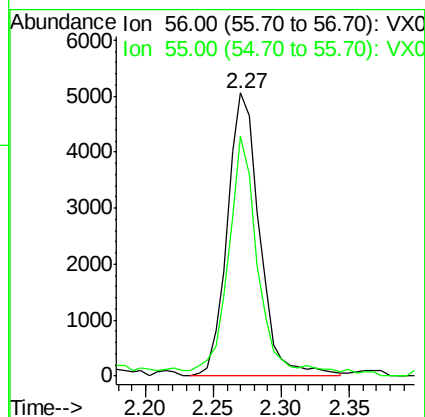
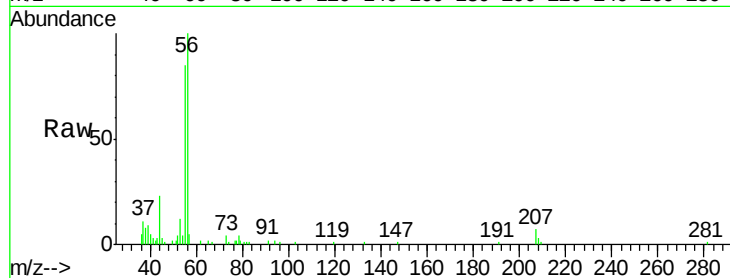
VSTDIC005

Tgt Ion: 56 Resp: 8369

Ion Ratio Lower Upper

56 100

55 69.8 58.2 87.4



#14

Allyl chloride

Concen: 5.207 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

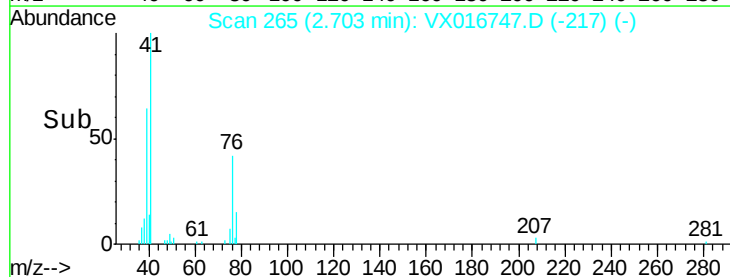
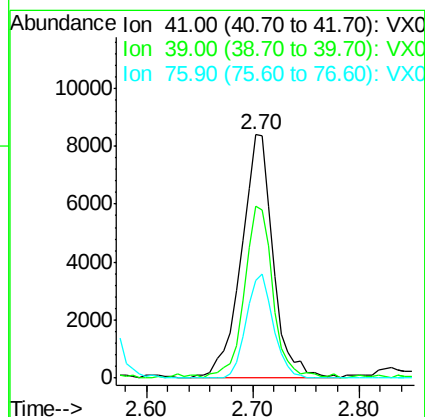
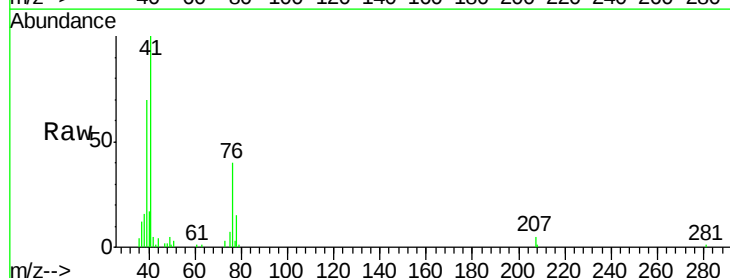
Tgt Ion: 41 Resp: 17662

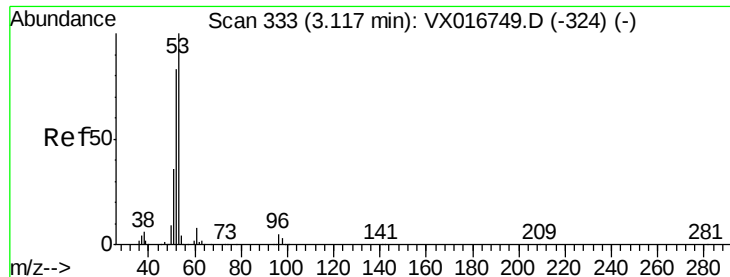
Ion Ratio Lower Upper

41 100

39 63.7 50.2 75.4

76 35.9 30.4 45.6





#15

Acrylonitrile

Concen: 27.707 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

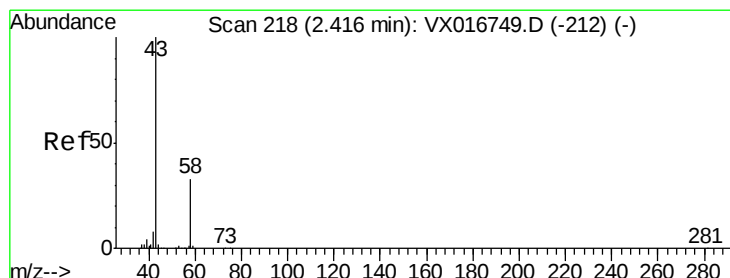
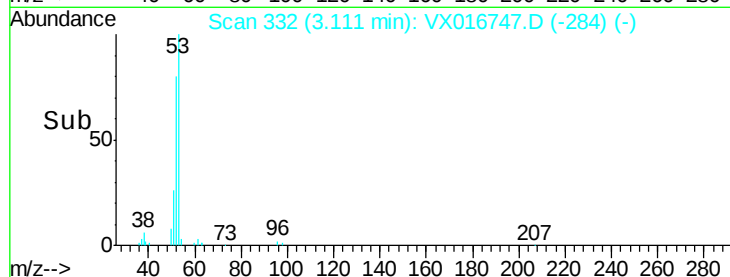
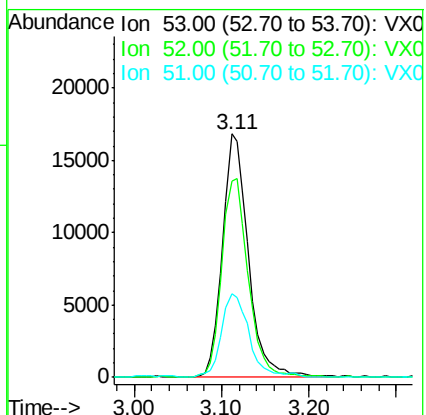
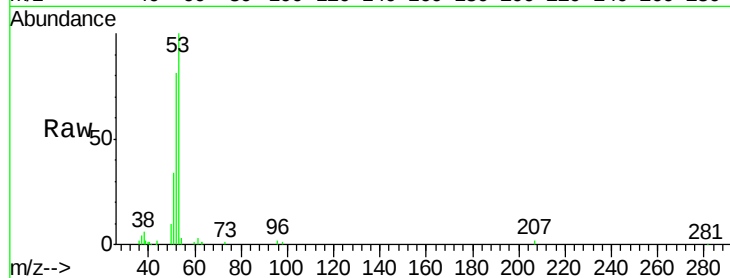
Tgt Ion: 53 Resp: 34641

Ion Ratio Lower Upper

53 100

52 83.5 65.5 98.3

51 36.9 28.6 42.8



#16

Acetone

Concen: 28.897 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016747.D

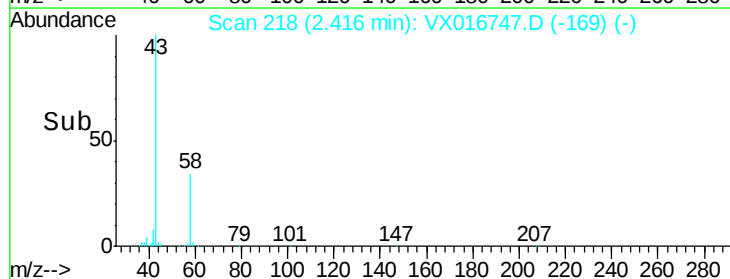
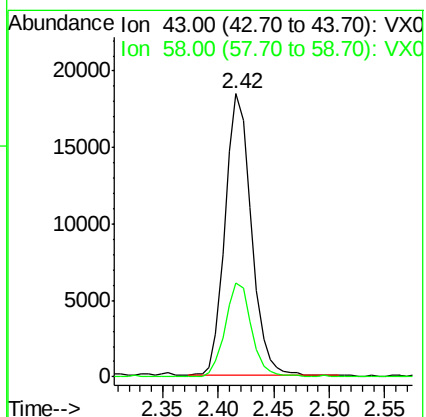
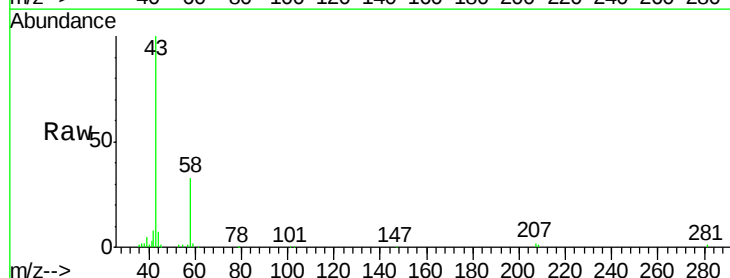
Acq: 15 Jun 2020 11:33

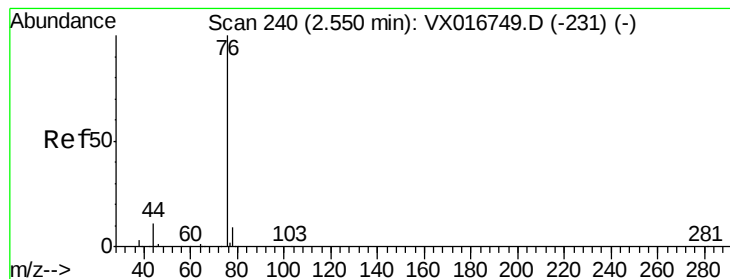
Tgt Ion: 43 Resp: 30210

Ion Ratio Lower Upper

43 100

58 33.1 26.3 39.5





#17

Carbon Disulfide

Concen: 4.887 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

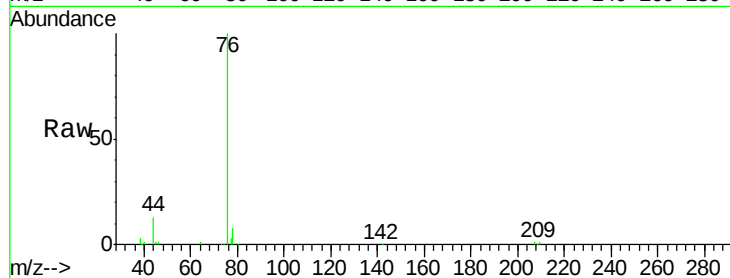
VSTDIC005

Tgt Ion: 76 Resp: 27327

Ion Ratio Lower Upper

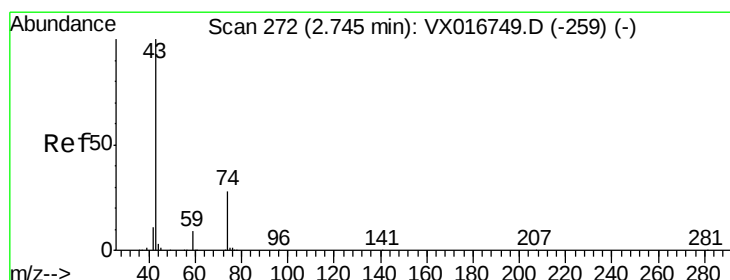
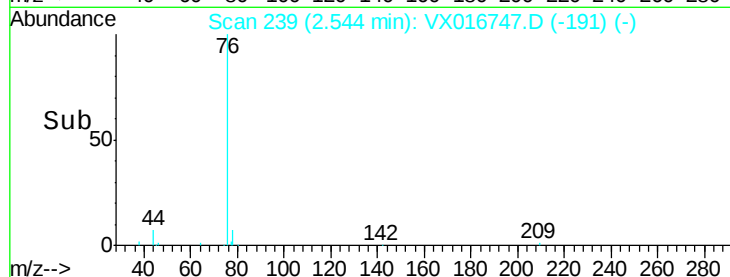
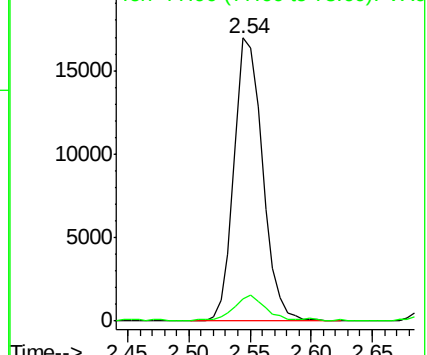
76 100

78 7.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 5.630 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016747.D

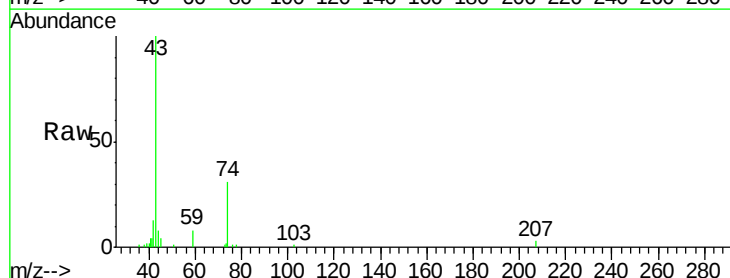
Acq: 15 Jun 2020 11:33

Tgt Ion: 43 Resp: 15382

Ion Ratio Lower Upper

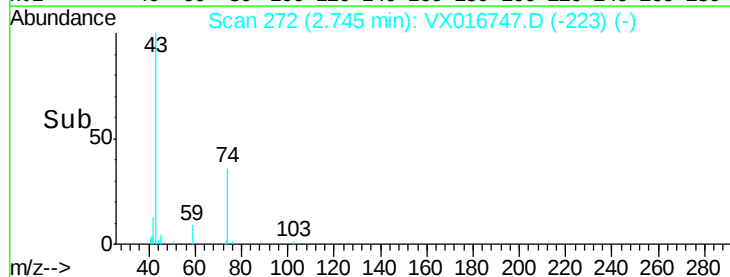
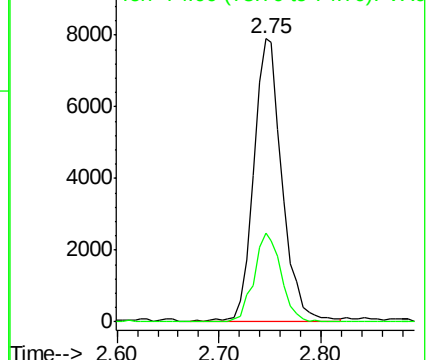
43 100

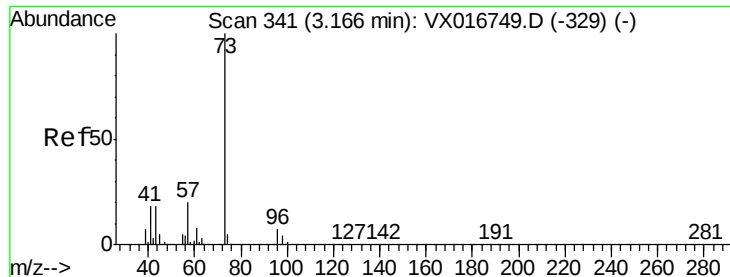
74 29.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 5.900 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

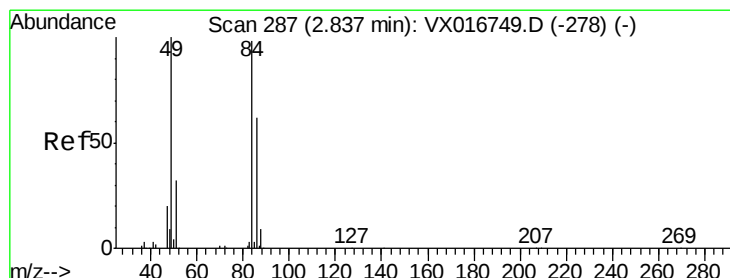
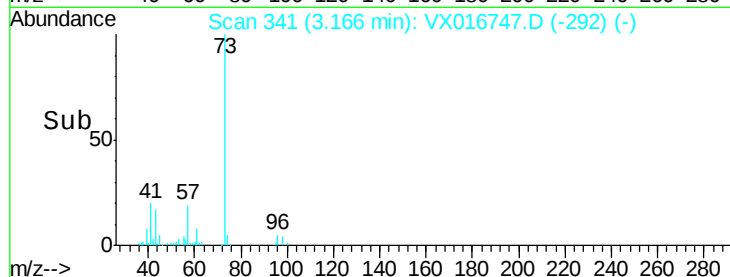
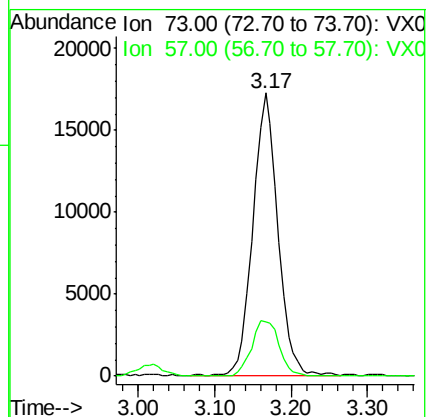
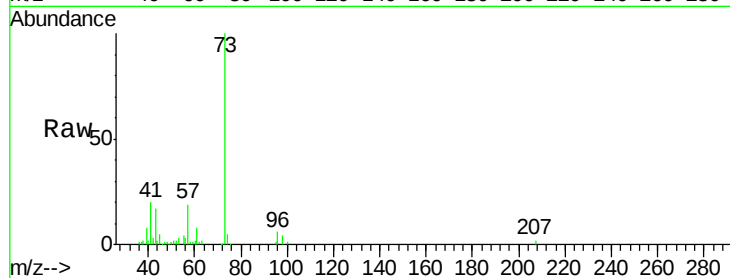
VSTDIC005

Tgt Ion: 73 Resp: 39686

Ion Ratio Lower Upper

73 100

57 19.2 16.2 24.4



#20

Methylene Chloride

Concen: 6.297 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion: 84 Resp: 13836

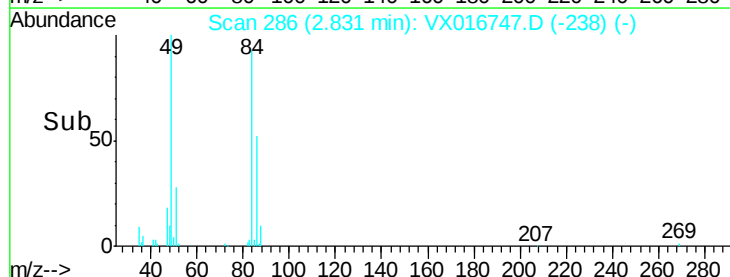
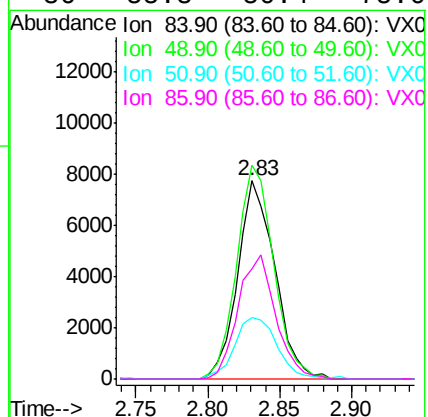
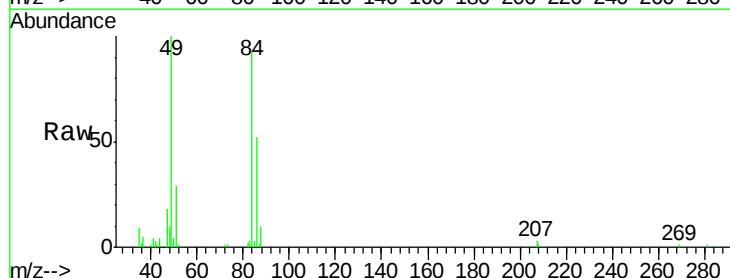
Ion Ratio Lower Upper

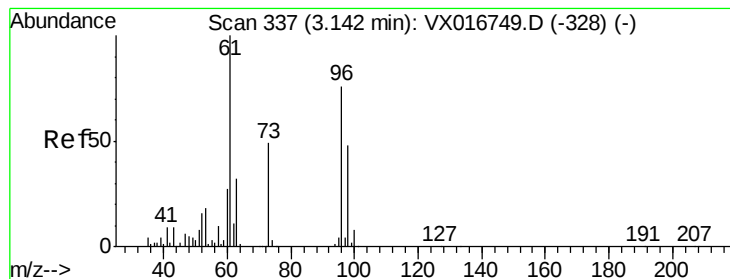
84 100

49 107.8 81.8 122.8

51 31.1 25.8 38.8

86 55.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 5.521 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

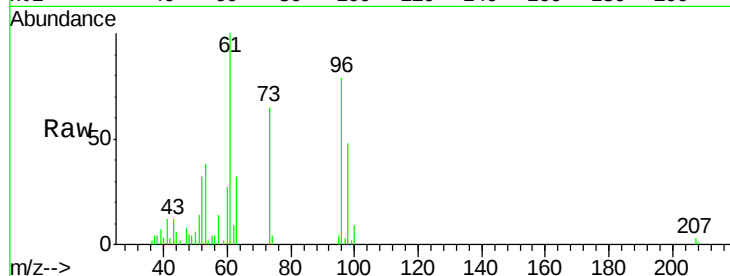
Tgt Ion: 96 Resp: 11522

Ion Ratio Lower Upper

96 100

61 126.5 105.4 158.2

98 60.4 50.8 76.2

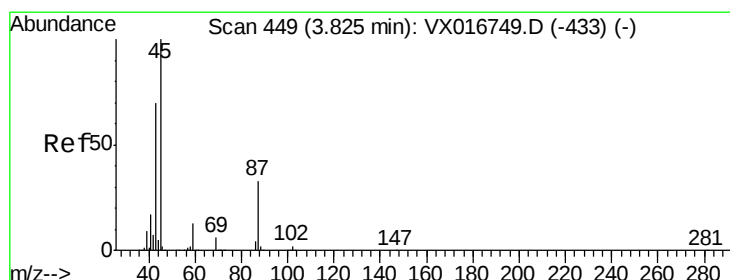
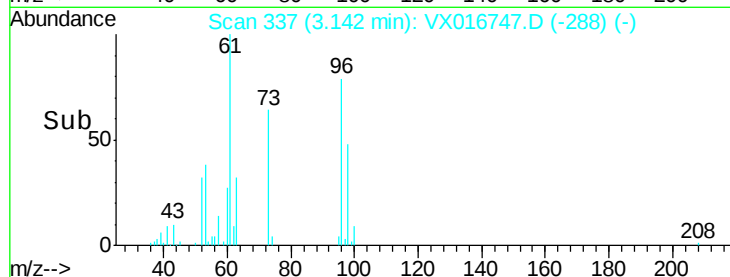
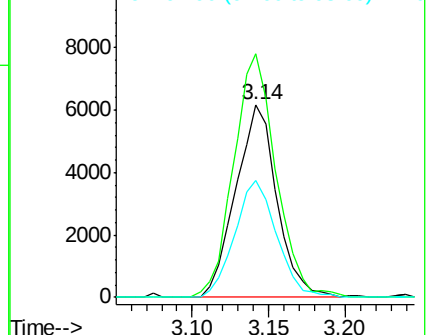


Abundance

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



#22

Diisopropyl ether

Concen: 5.366 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion: 45 Resp: 34819

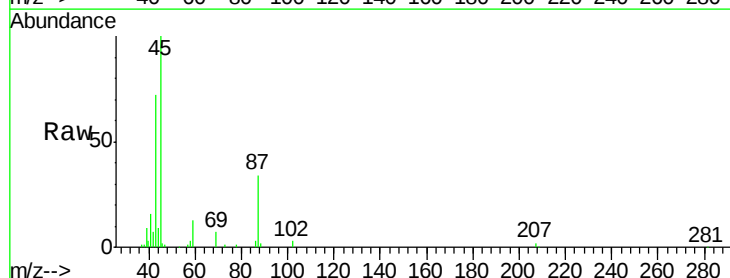
Ion Ratio Lower Upper

45 100

43 70.6 56.2 84.4

87 34.1 26.2 39.4

59 13.3 10.3 15.5



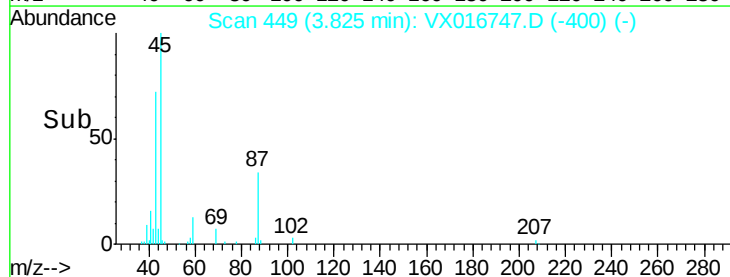
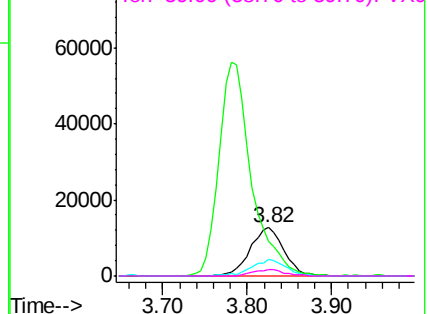
Abundance

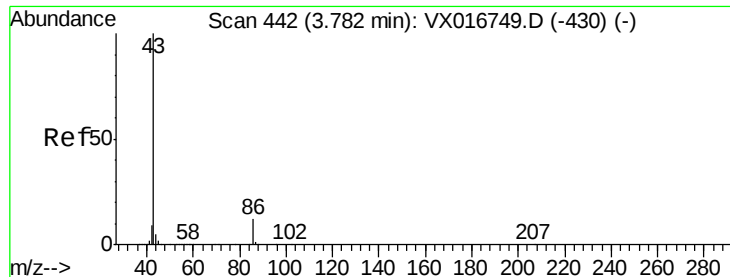
Ion 45.00 (44.70 to 45.70): VX0

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: 26.601 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

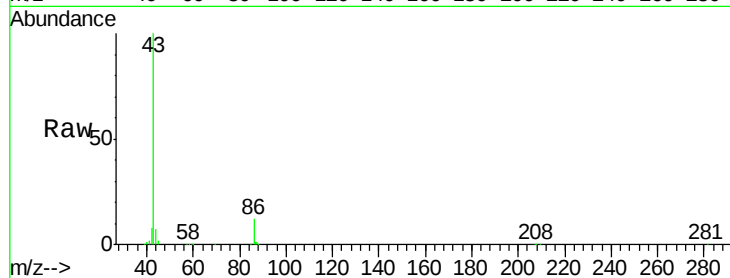
VSTDIC005

Tgt Ion: 43 Resp: 149969

Ion Ratio Lower Upper

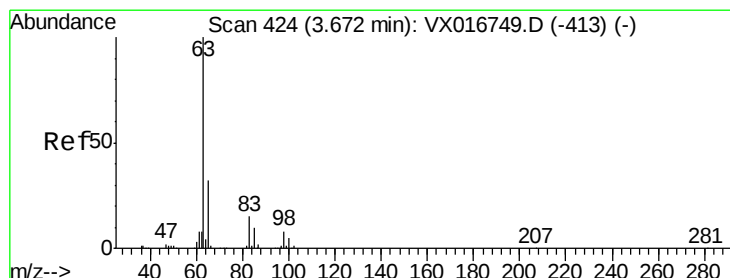
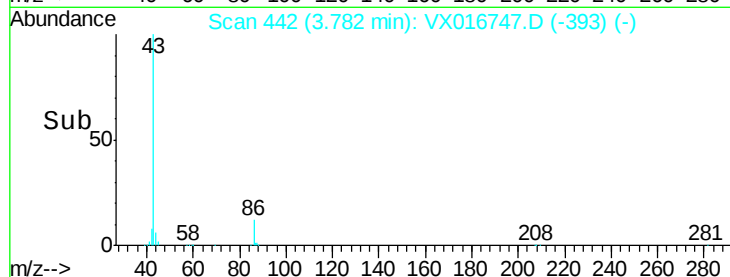
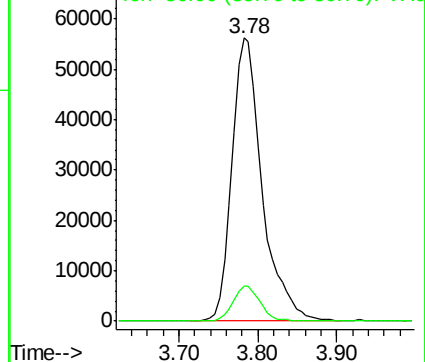
43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.655 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

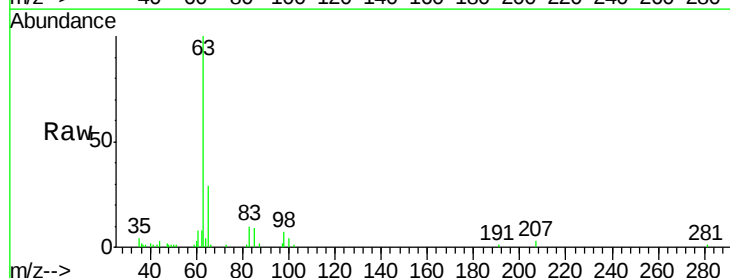
Tgt Ion: 63 Resp: 21036

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

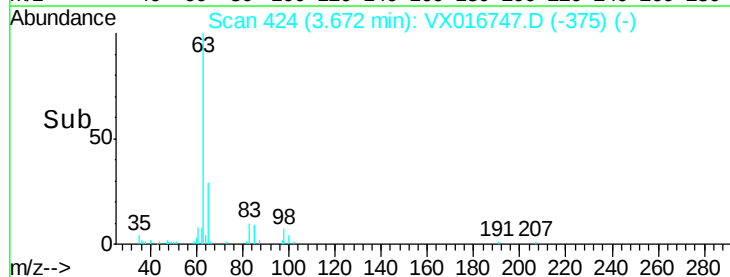
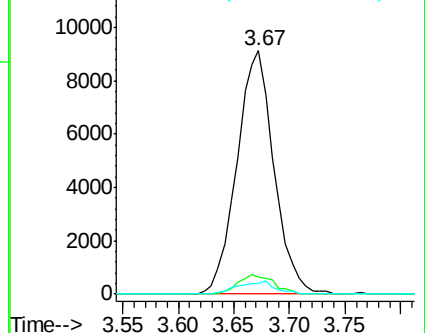
100 4.2 2.3 6.9

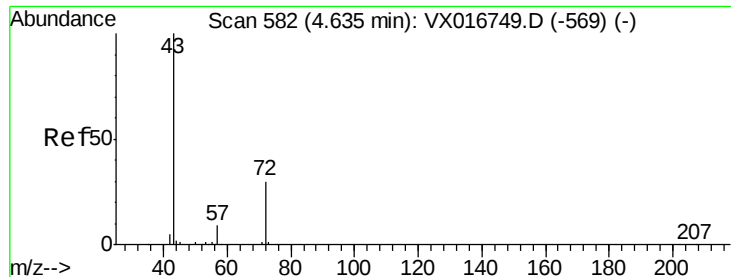


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.416 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

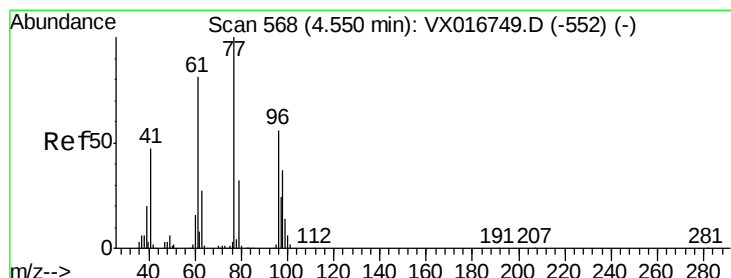
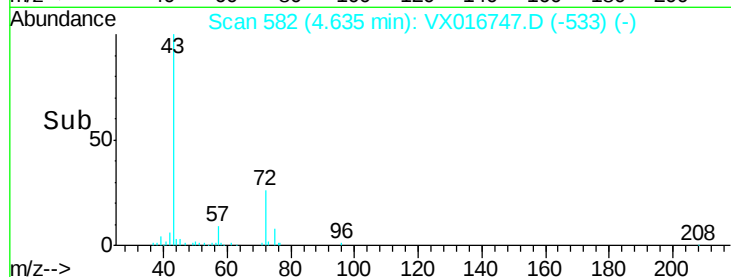
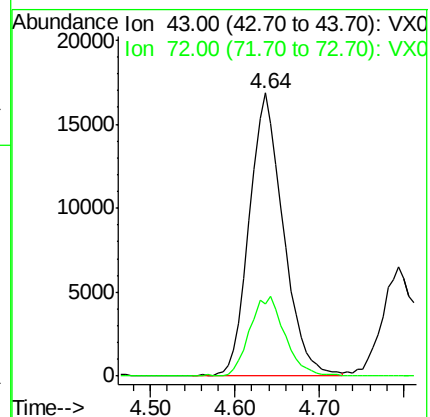
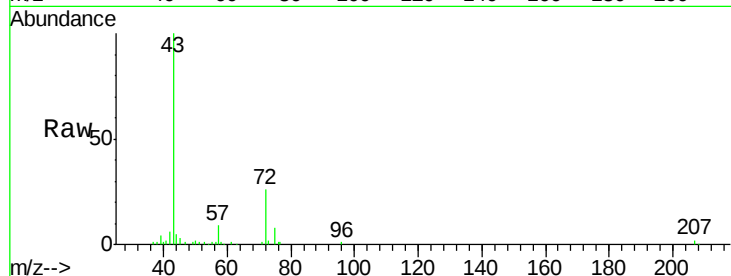
VSTDIC005

Tgt Ion: 43 Resp: 46262

Ion Ratio Lower Upper

43 100

72 25.7 24.2 36.4



#26

2,2-Dichloropropane

Concen: 5.807 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016747.D

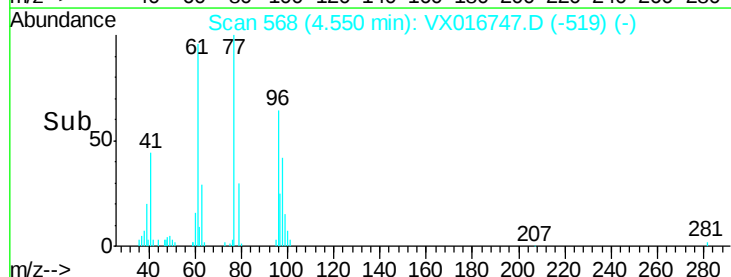
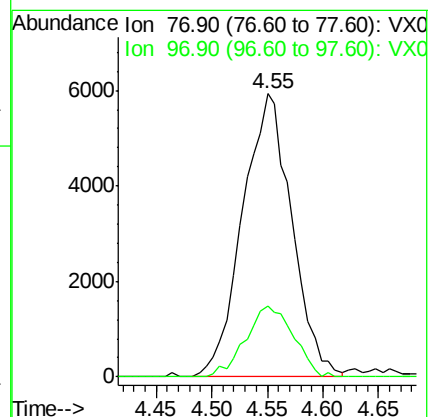
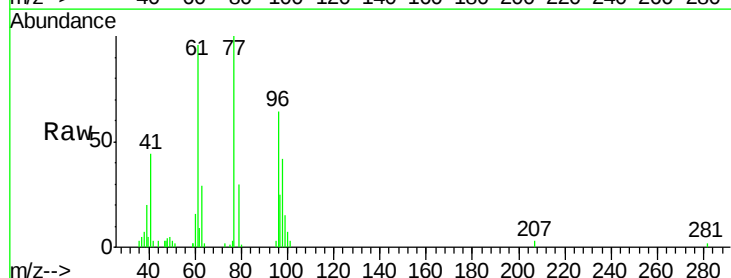
Acq: 15 Jun 2020 11:33

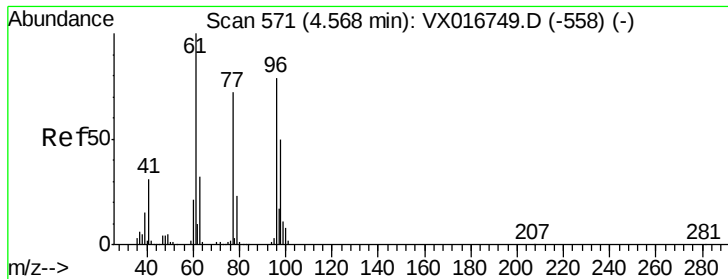
Tgt Ion: 77 Resp: 18206

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.4



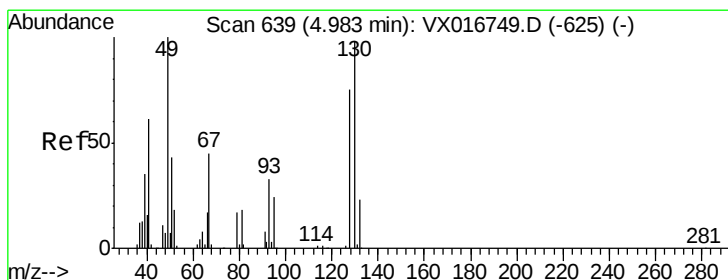
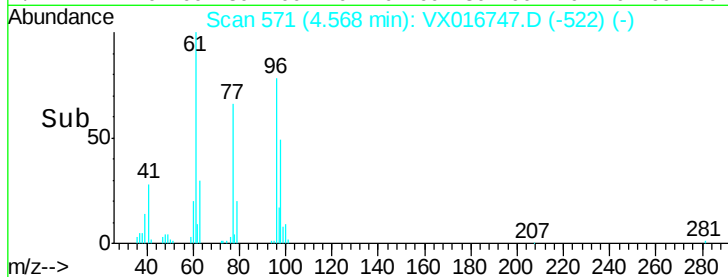
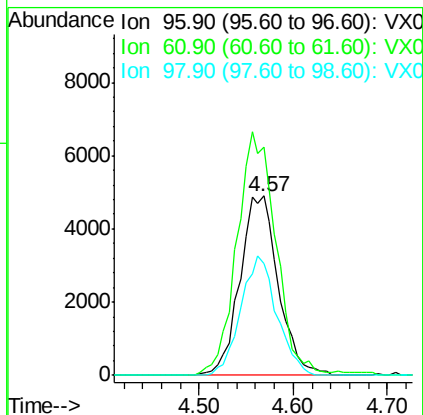
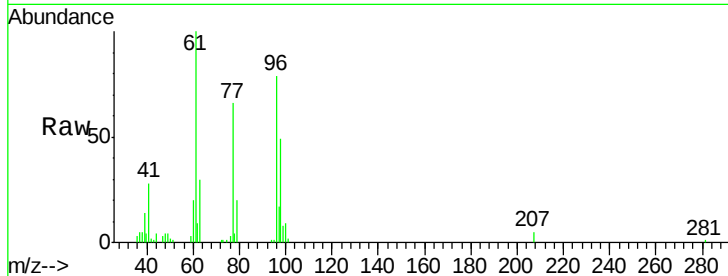


#27

cis-1,2-Dichloroethene
Concen: 5.833 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

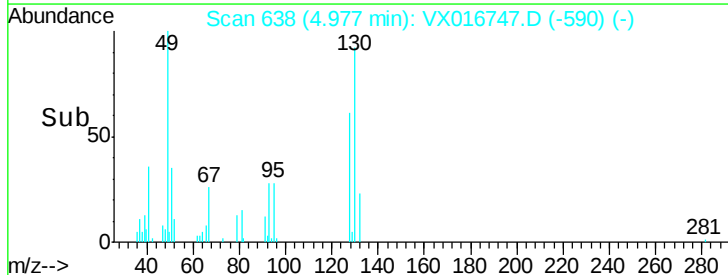
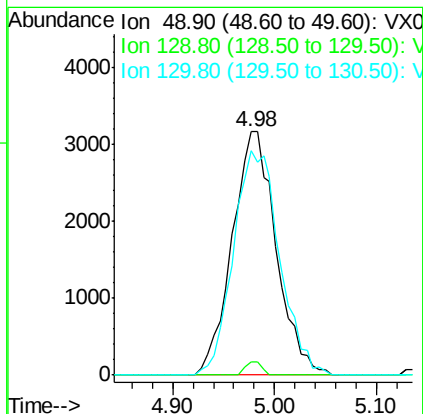
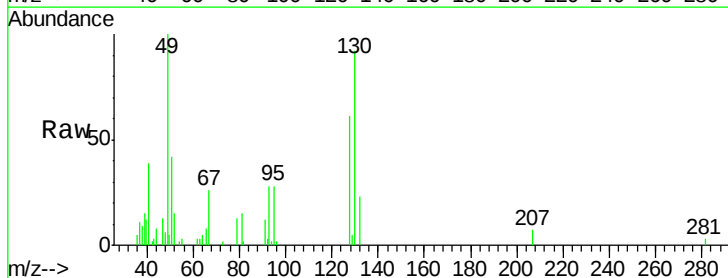
Tgt Ion: 96 Resp: 14015
Ion Ratio Lower Upper
96 100
61 137.0 0.0 276.2
98 62.3 0.0 130.0

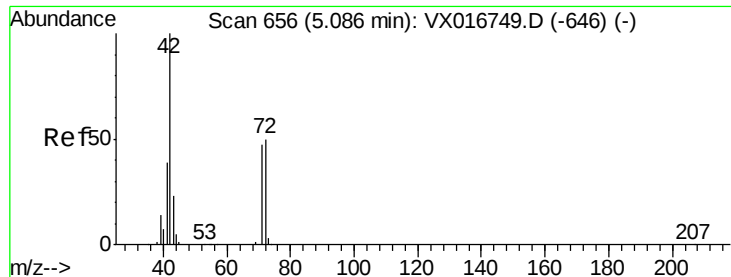


#28

Bromochloromethane
Concen: 5.529 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 49 Resp: 9493
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.8
130 96.9 76.0 114.0

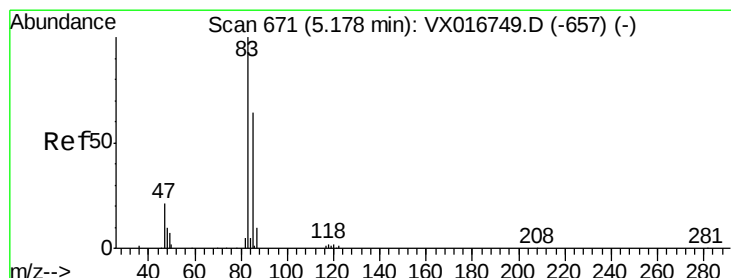
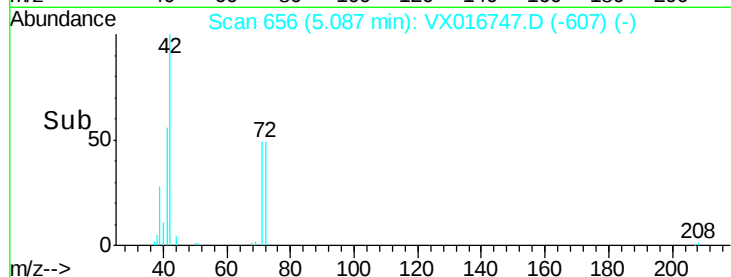
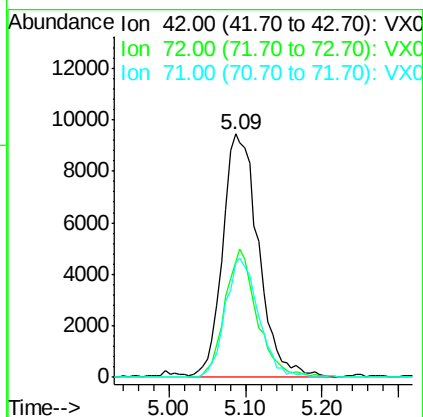
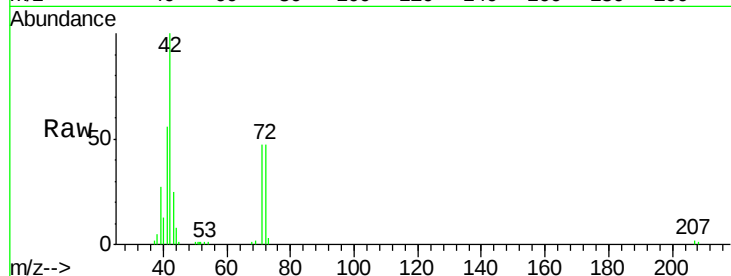




#29
Tetrahydrofuran
Concen: 27.132 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

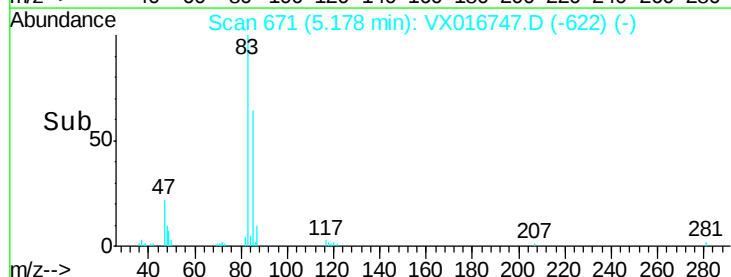
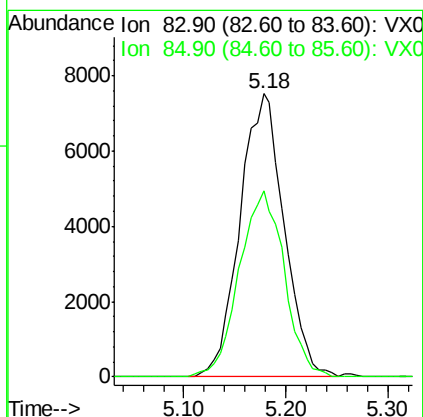
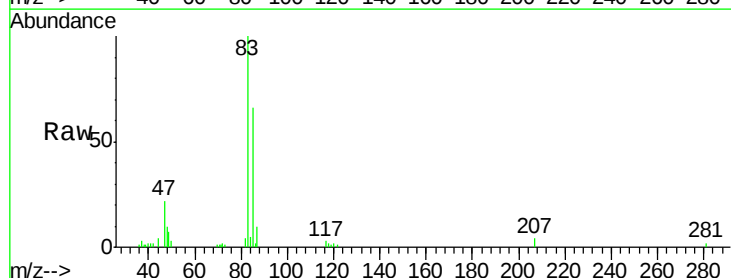
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

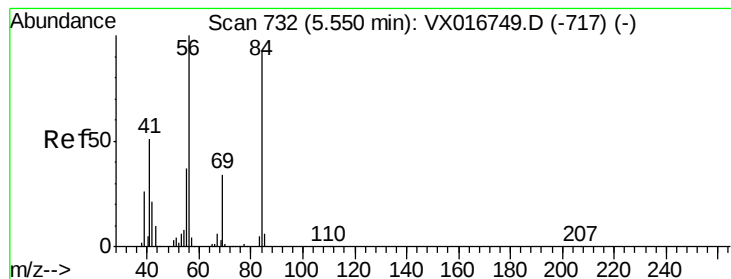
Tgt Ion: 42 Resp: 30651
Ion Ratio Lower Upper
42 100
72 47.3 41.0 61.6
71 45.6 38.2 57.4



#30
Chloroform
Concen: 5.981 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 83 Resp: 22607
Ion Ratio Lower Upper
83 100
85 65.7 50.8 76.2





#31

Cyclohexane

Concen: 2.676 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

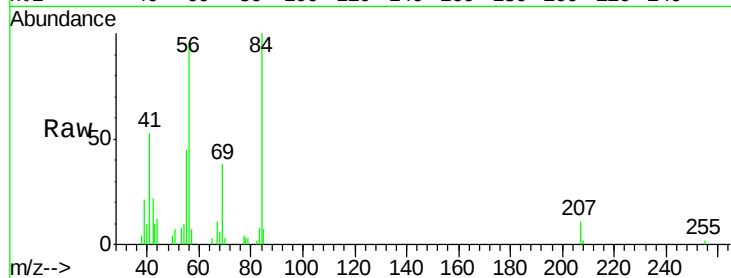
Tgt Ion: 56 Resp: 8862

Ion Ratio Lower Upper

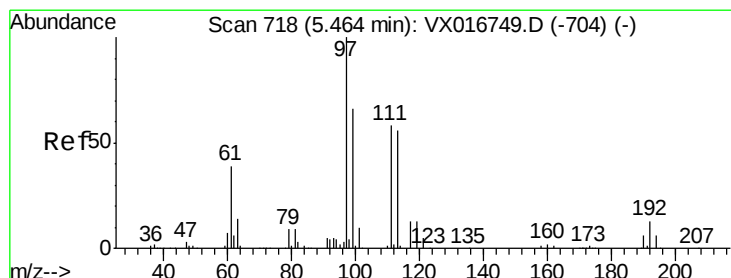
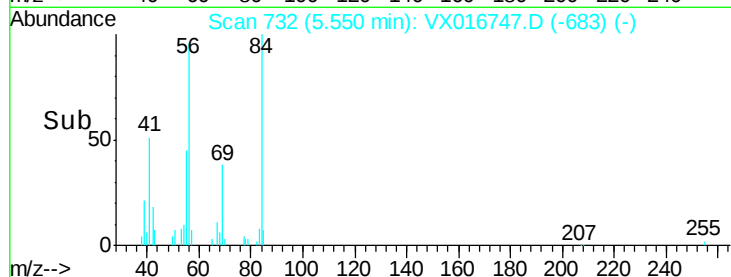
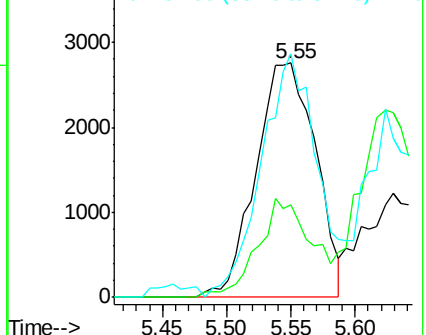
56 100

69 39.6 27.1 40.7

84 100.2 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.253 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

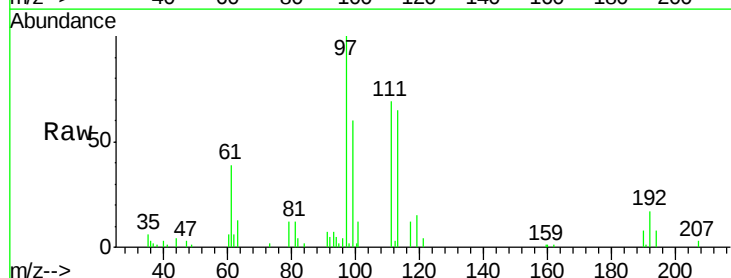
Tgt Ion: 97 Resp: 18091

Ion Ratio Lower Upper

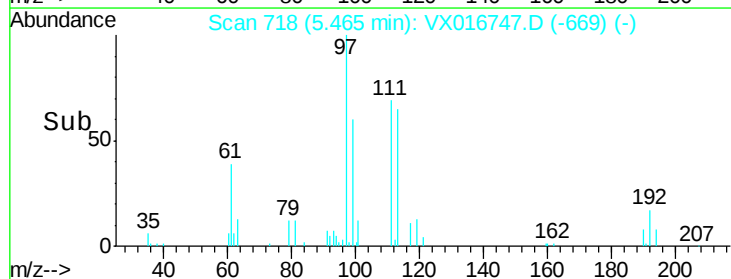
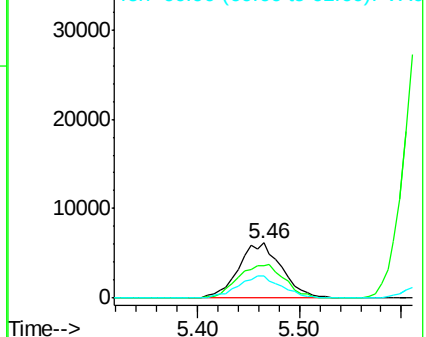
97 100

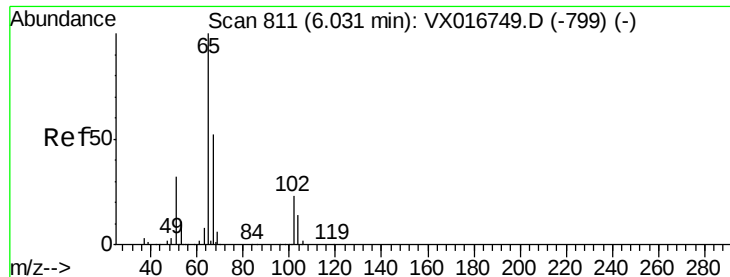
99 65.9 51.5 77.3

61 40.5 31.3 46.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 6.218 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

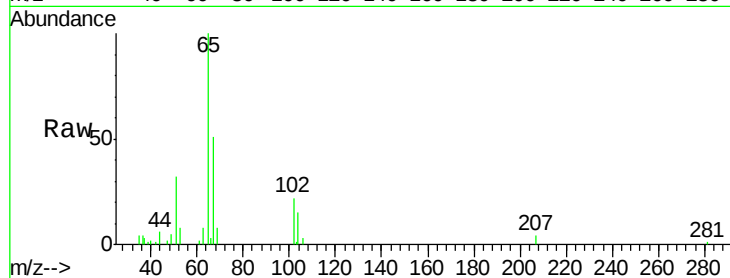
VSTDIC005

Tgt Ion: 65 Resp: 14981

Ion Ratio Lower Upper

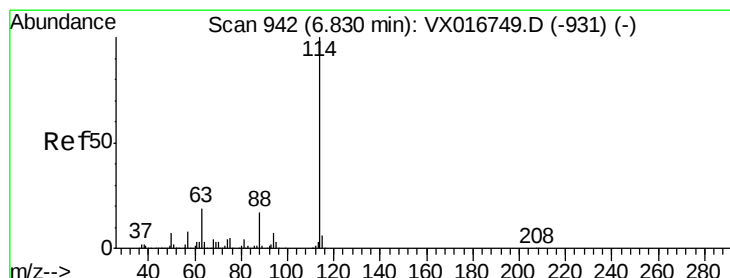
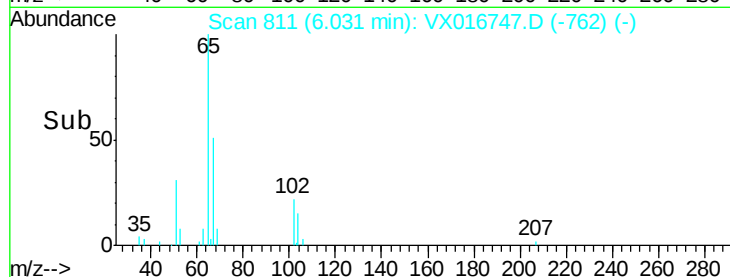
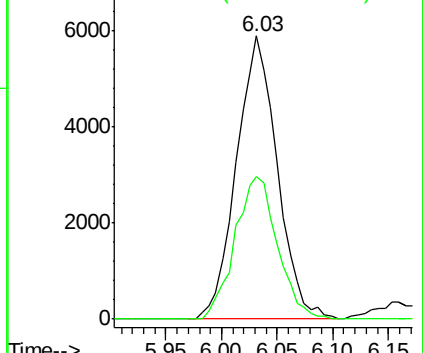
65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

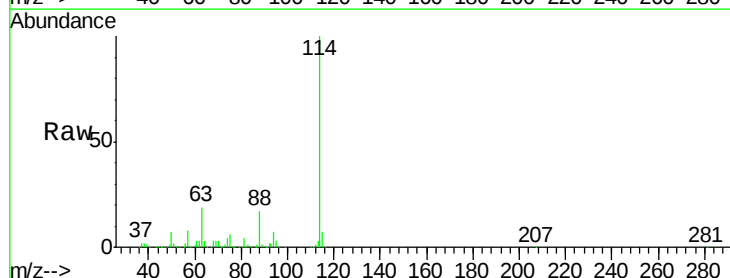
Tgt Ion: 114 Resp: 355084

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

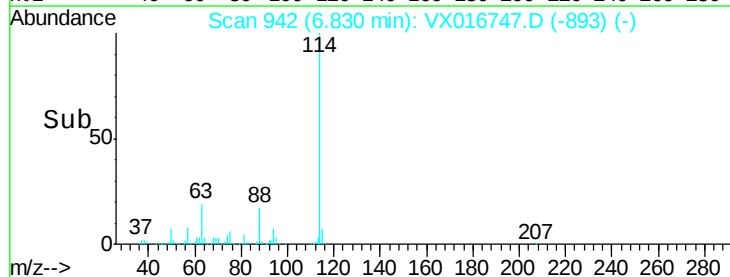
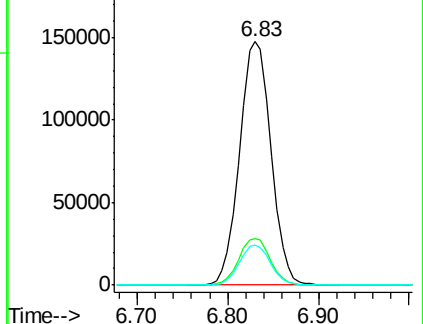
88 16.7 0.0 33.4

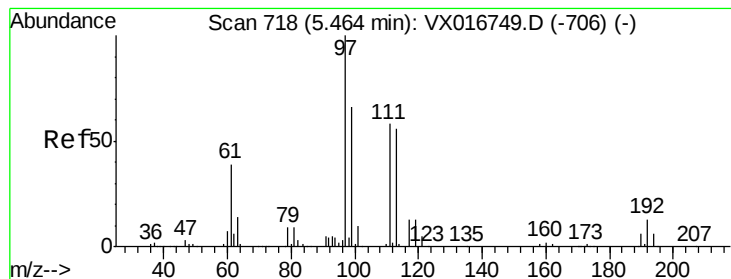


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.536 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

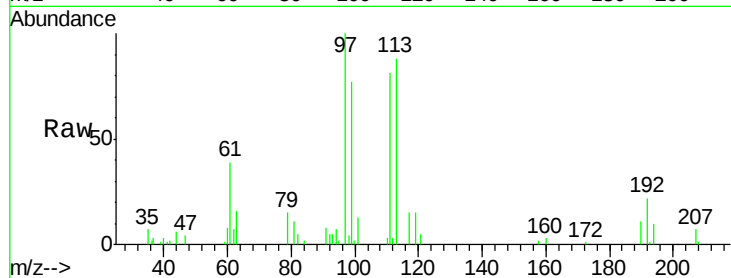
Tgt Ion:113 Resp: 12070

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

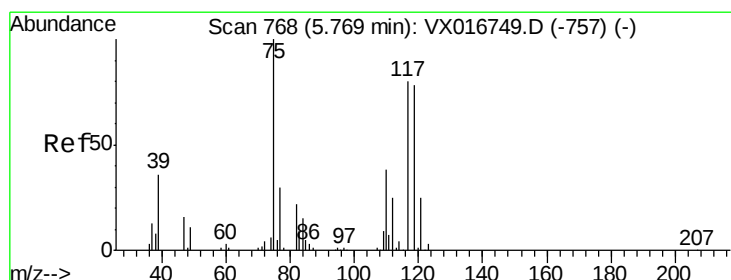
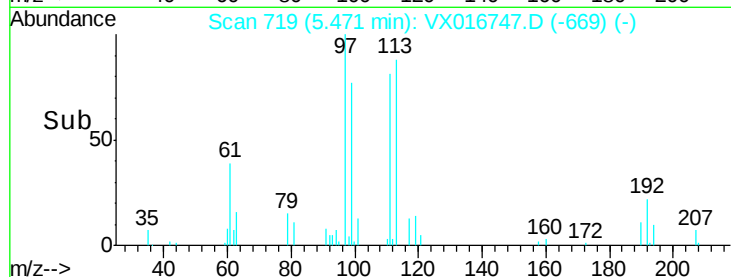
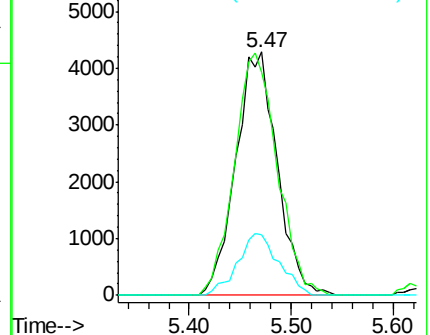
192 25.1 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.851 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

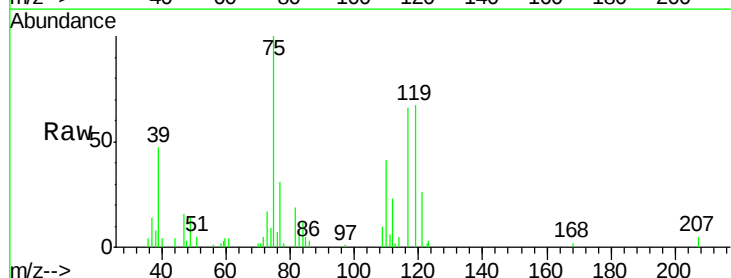
Tgt Ion: 75 Resp: 12805

Ion Ratio Lower Upper

75 100

110 37.9 18.4 55.2

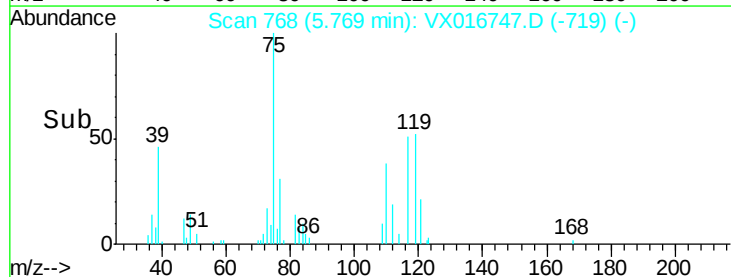
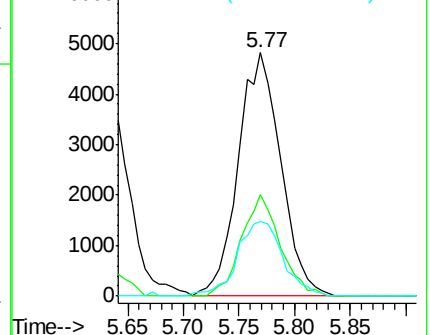
77 33.1 24.7 37.1

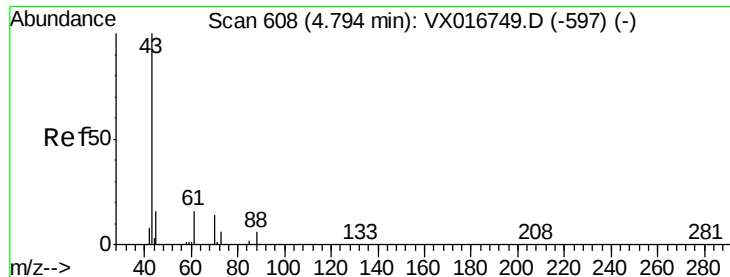


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

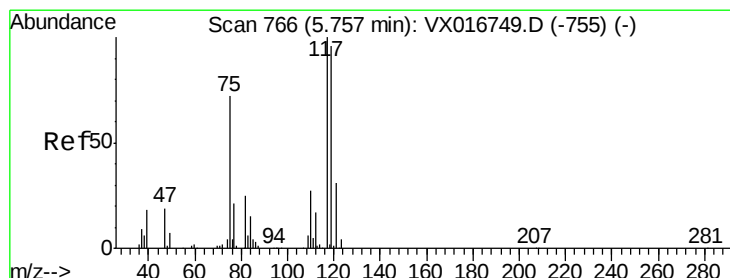
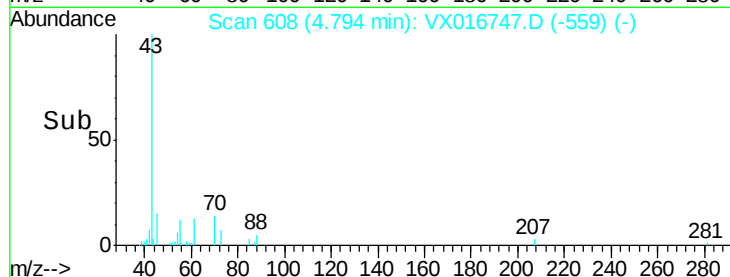
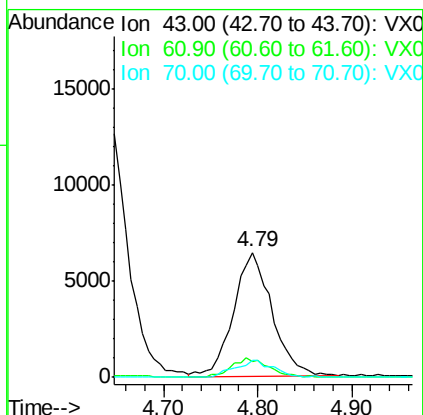
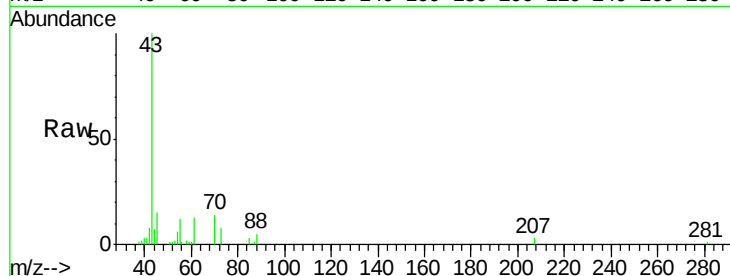




#37
Ethyl Acetate
Concen: 4.697 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

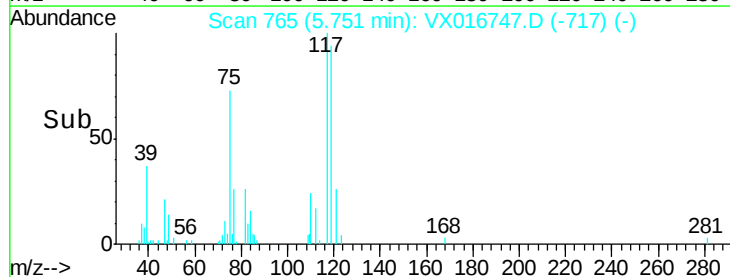
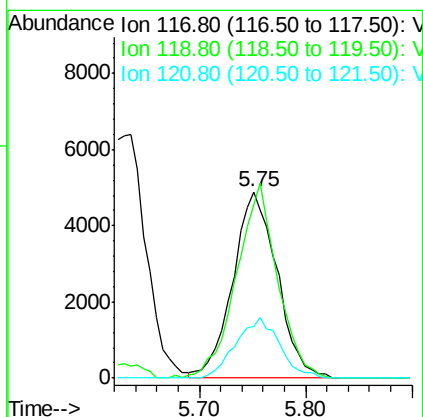
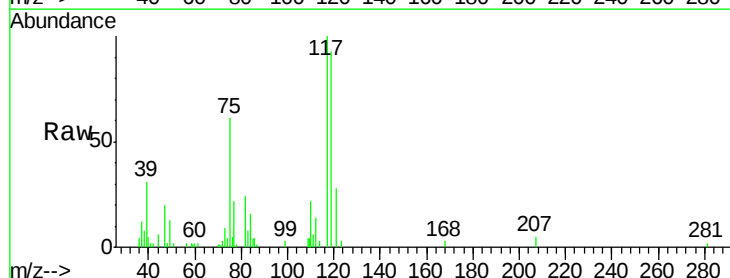
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

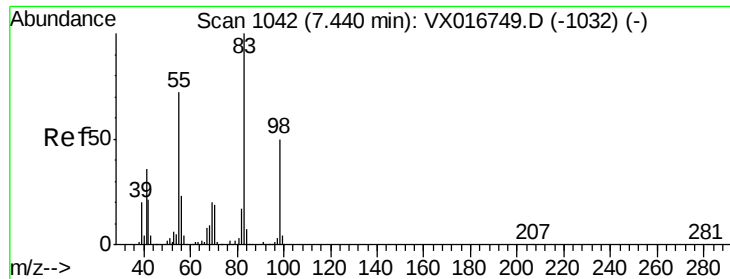
Tgt Ion: 43 Resp: 18321
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 13.4 10.8 16.2



#38
Carbon Tetrachloride
Concen: 4.012 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 117 Resp: 14211
Ion Ratio Lower Upper
117 100
119 92.5 76.7 115.1
121 27.6 24.7 37.1

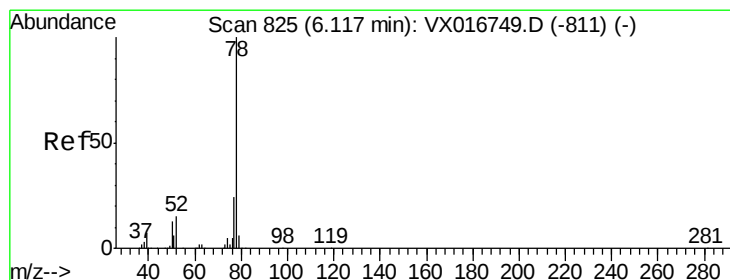
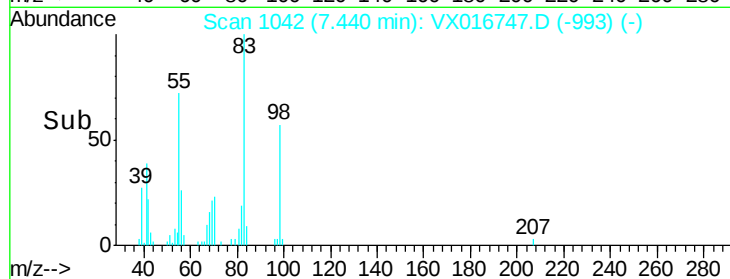
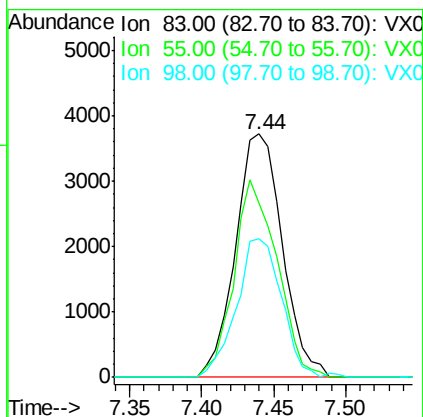
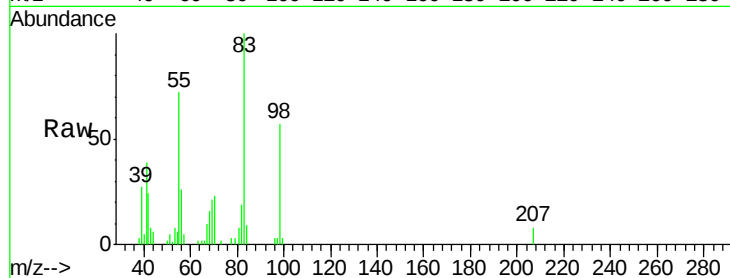




#39
Methylcyclohexane
Concen: 2.311 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

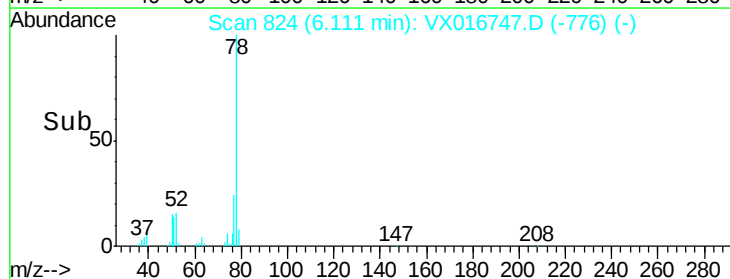
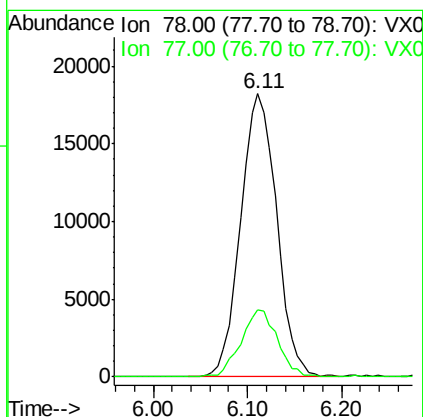
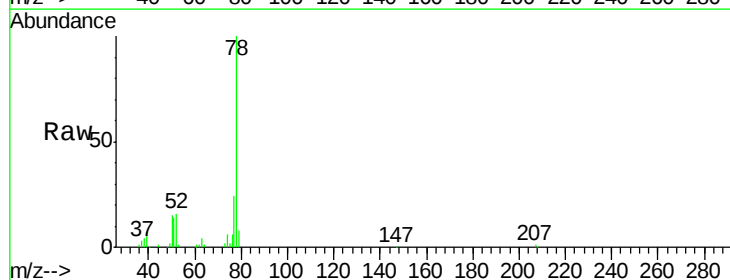
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

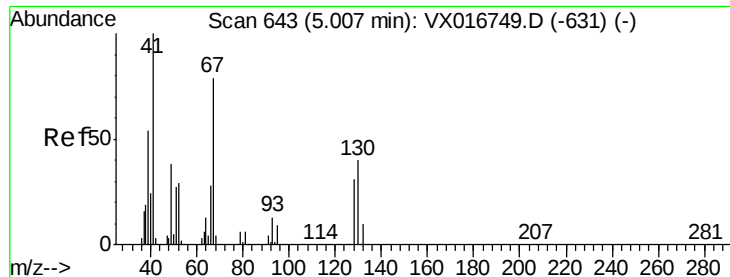
Tgt Ion: 83 Resp: 8383
Ion Ratio Lower Upper
83 100
55 71.8 57.3 85.9
98 57.1 40.3 60.5



#40
Benzene
Concen: 4.915 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 78 Resp: 48557
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 4.350 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 9322

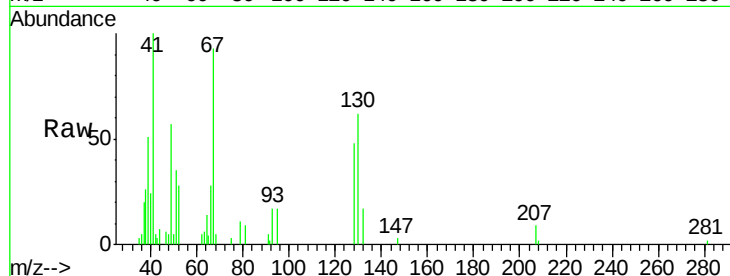
Ion Ratio Lower Upper

41 100

39 56.6 43.7 65.5

67 82.9 64.6 96.8

52 35.1 25.6 38.4

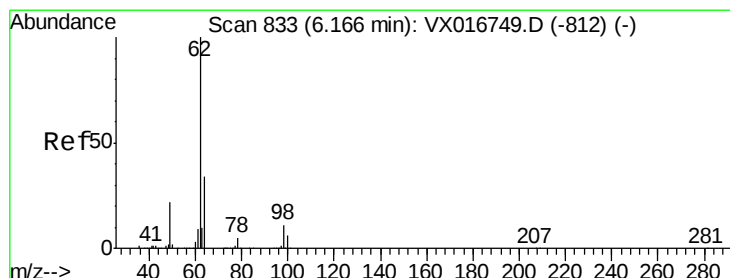
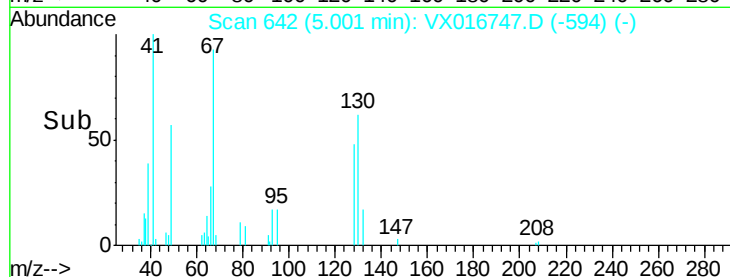
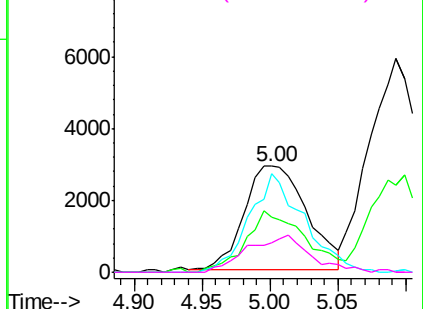


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.344 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016747.D

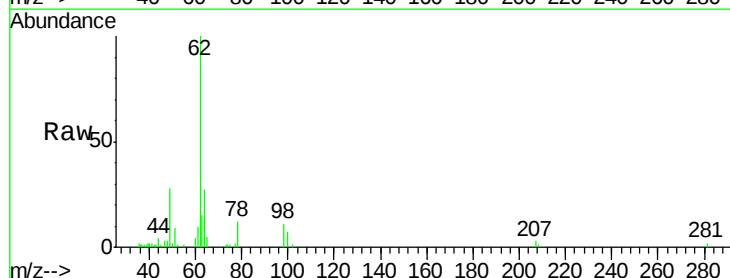
Acq: 15 Jun 2020 11:33

Tgt Ion: 62 Resp: 18800

Ion Ratio Lower Upper

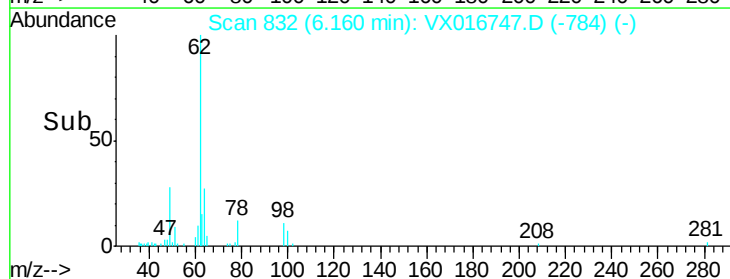
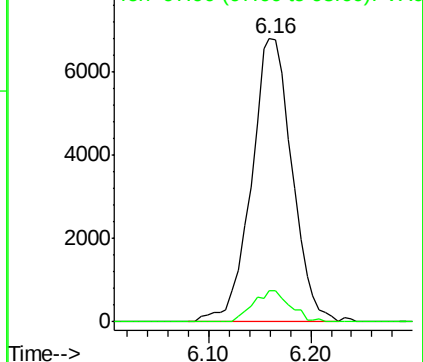
62 100

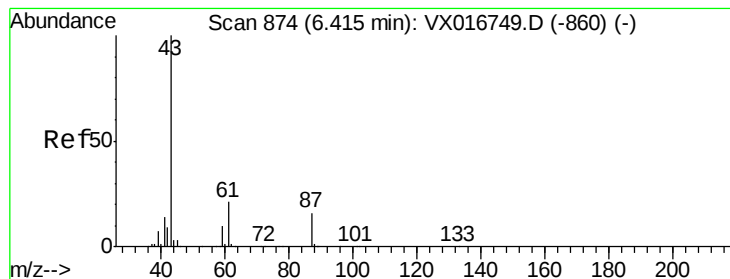
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.585 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

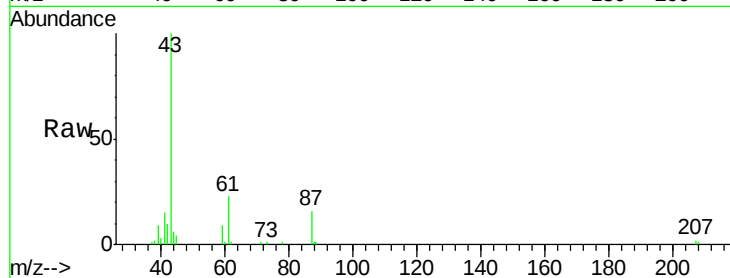
Tgt Ion: 43 Resp: 27972

Ion Ratio Lower Upper

43 100

61 22.0 17.7 26.5

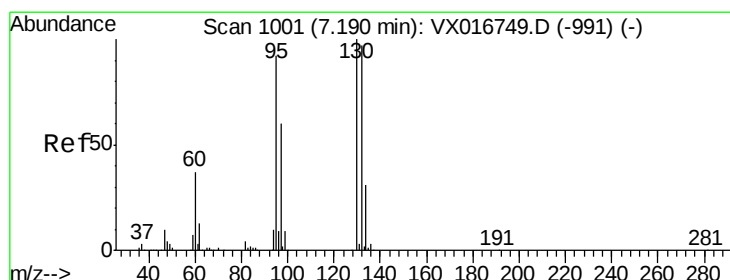
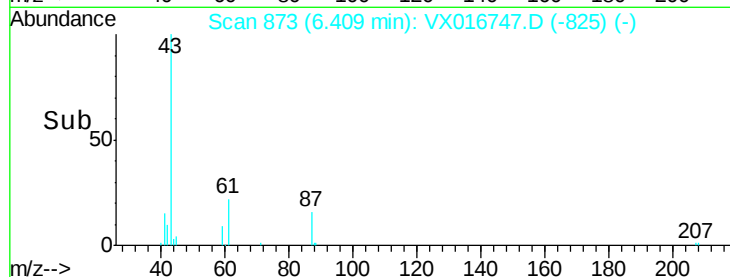
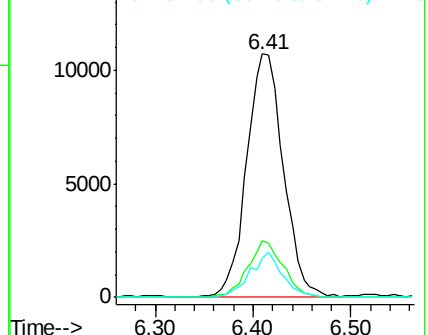
87 16.1 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.681 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016747.D

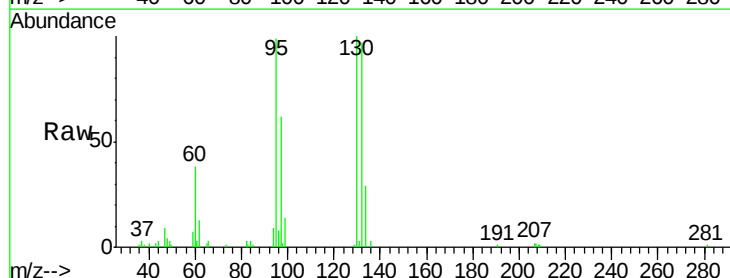
Acq: 15 Jun 2020 11:33

Tgt Ion: 130 Resp: 14692

Ion Ratio Lower Upper

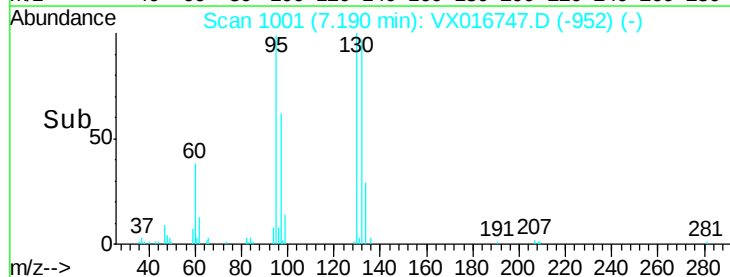
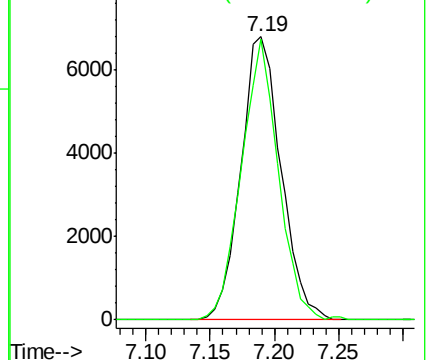
130 100

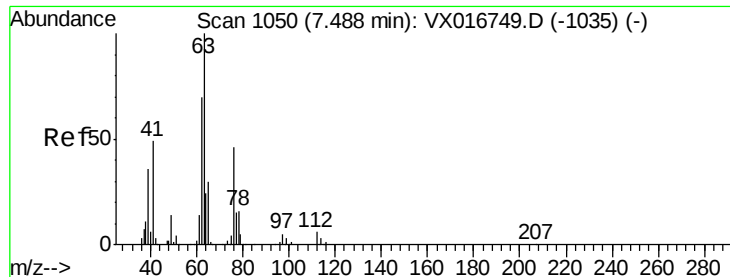
95 99.2 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 4.774 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

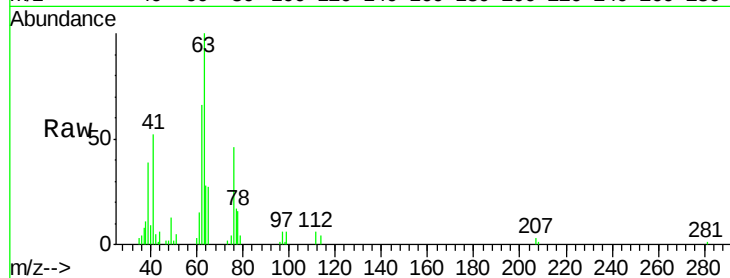
VSTDIC005

Tgt Ion: 63 Resp: 11944

Ion Ratio Lower Upper

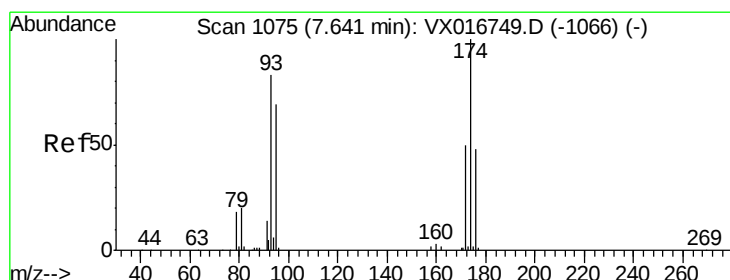
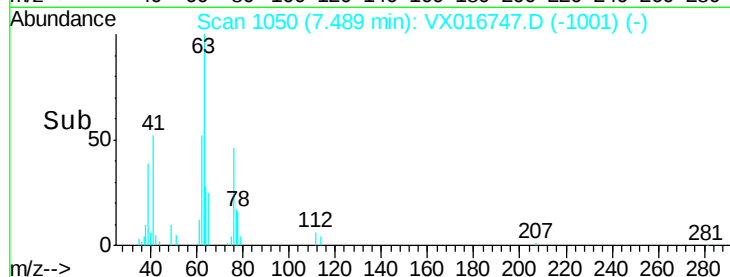
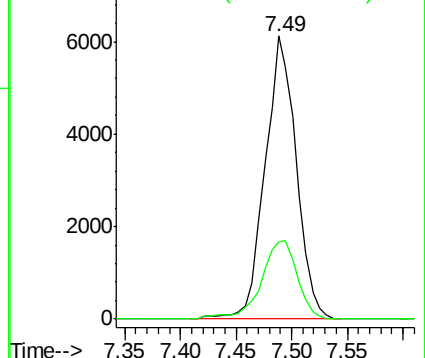
63 100

65 27.4 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: 5.118 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

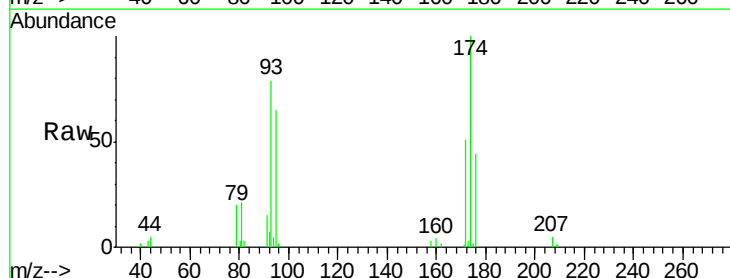
Tgt Ion: 93 Resp: 8689

Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

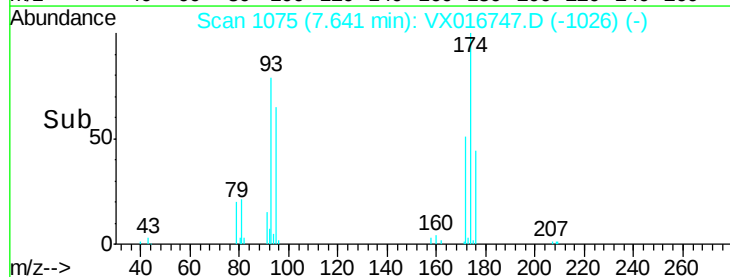
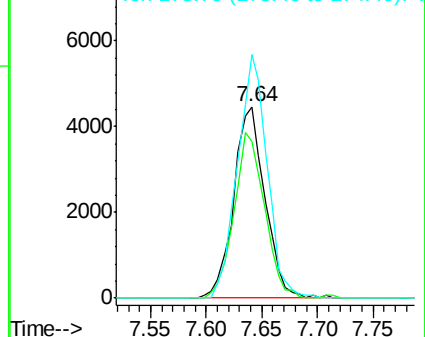
174 121.2 93.8 140.8

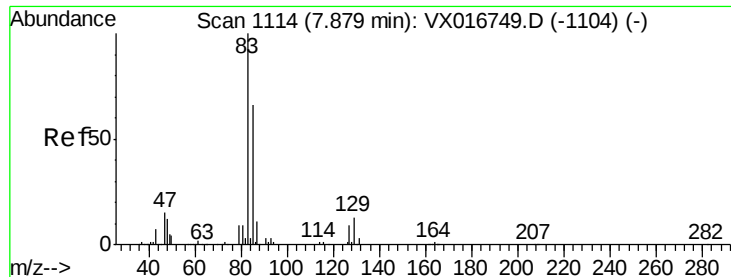


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.126 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

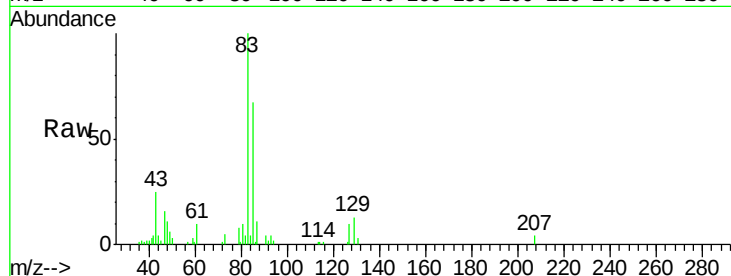
Tgt Ion: 83 Resp: 18037

Ion Ratio Lower Upper

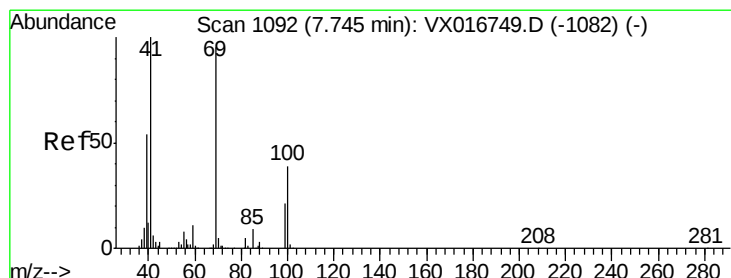
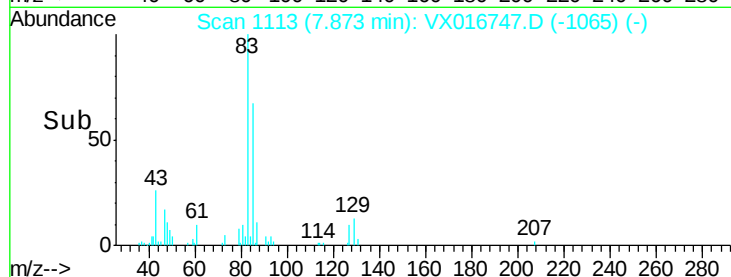
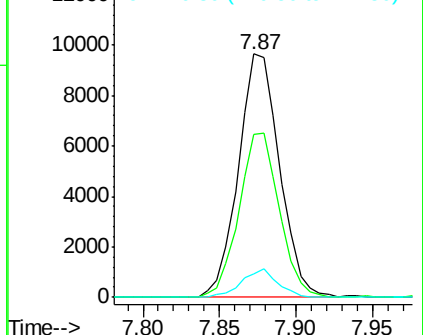
83 100

85 66.9 52.5 78.7

127 9.6 7.5 11.3



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: 4.449 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

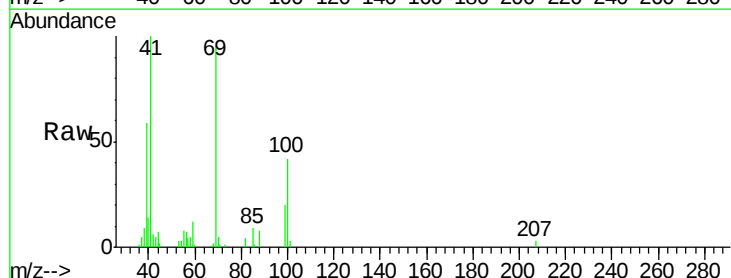
Tgt Ion: 41 Resp: 12969

Ion Ratio Lower Upper

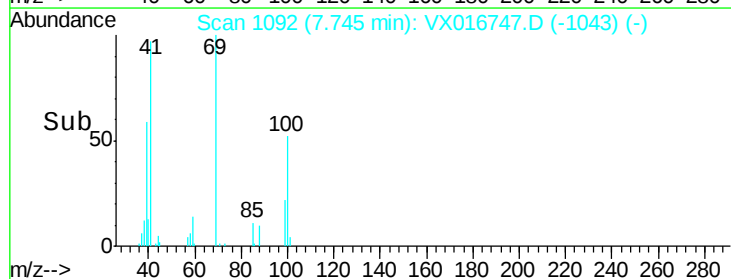
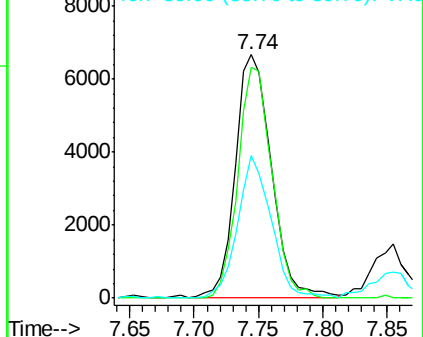
41 100

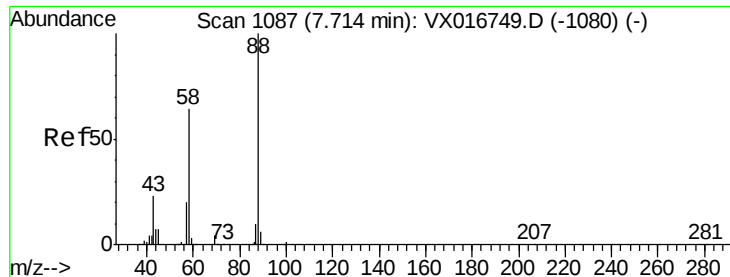
69 89.0 75.0 112.6

39 54.4 44.3 66.5



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

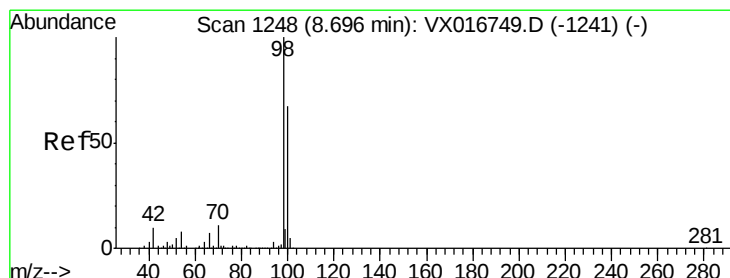
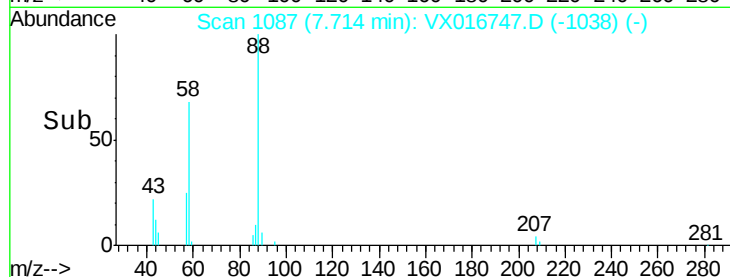
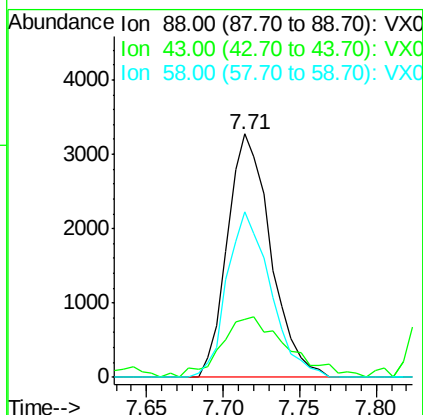
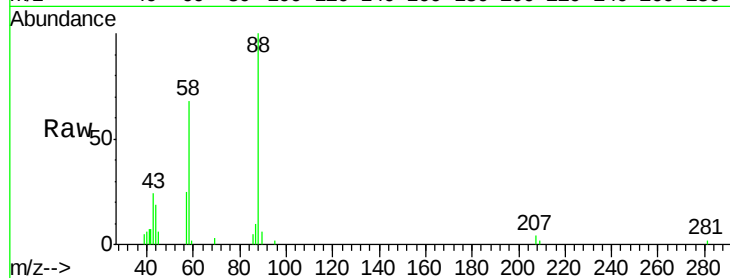




#49
1,4-Dioxane
Concen: 93.479 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

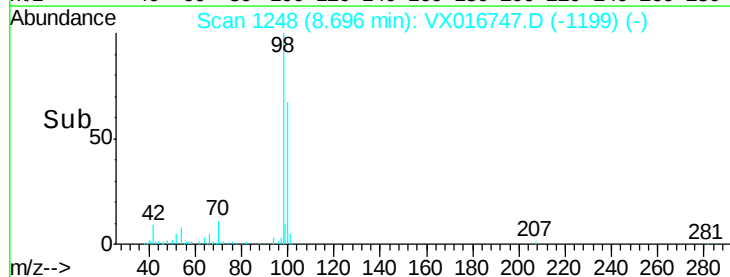
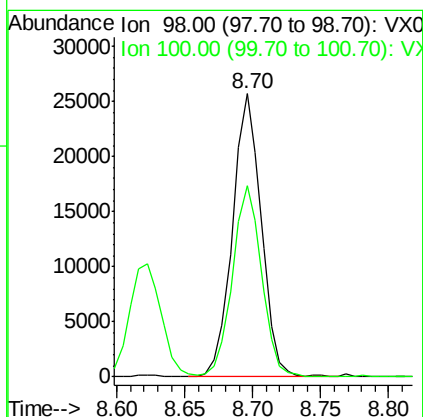
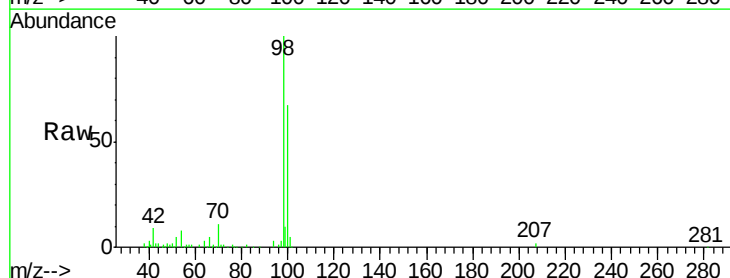
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

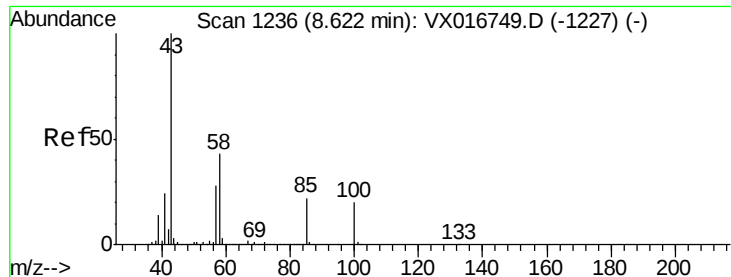
Tgt Ion: 88 Resp: 6434
Ion Ratio Lower Upper
88 100
43 38.2 22.9 34.3#
58 68.8 53.7 80.5



#50
Toluene-d8
Concen: 4.491 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 98 Resp: 37806
Ion Ratio Lower Upper
98 100
100 68.5 53.9 80.9

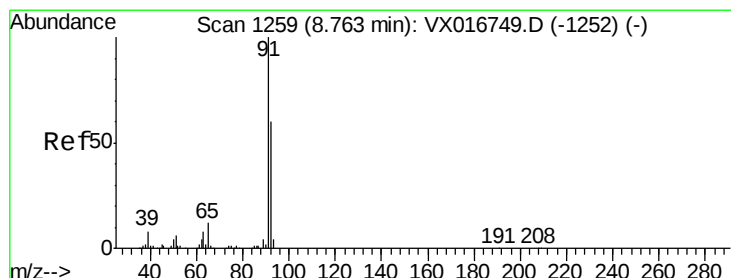
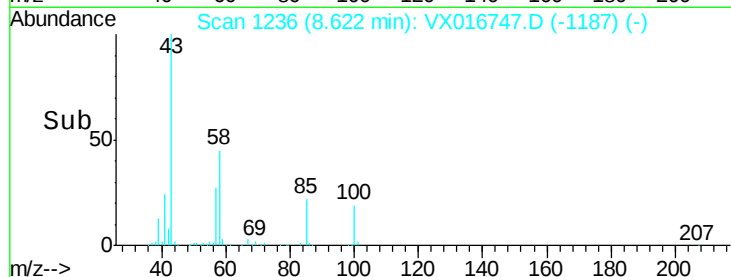
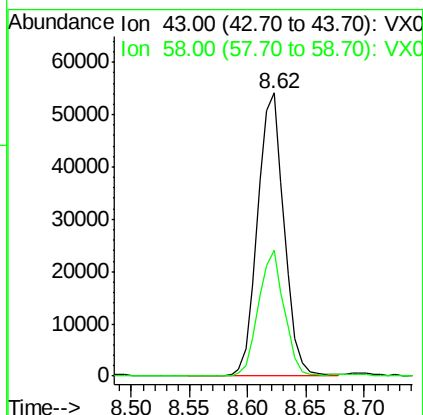
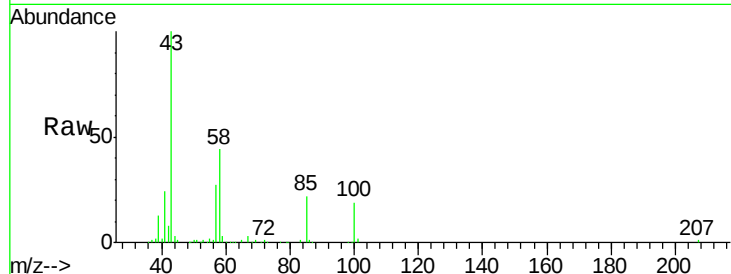




#51
 4-Methyl-2-Pentanone
 Concen: 22.782 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

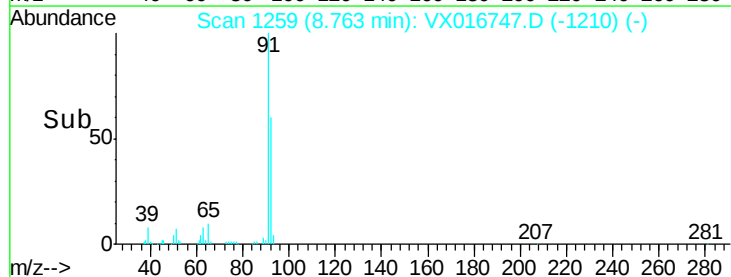
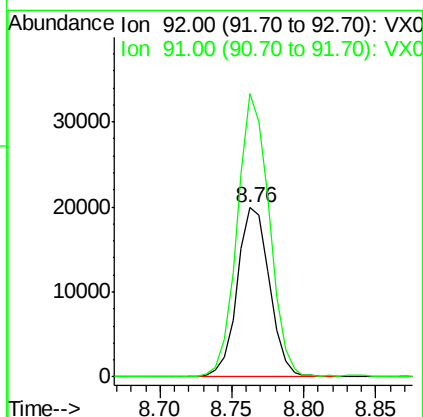
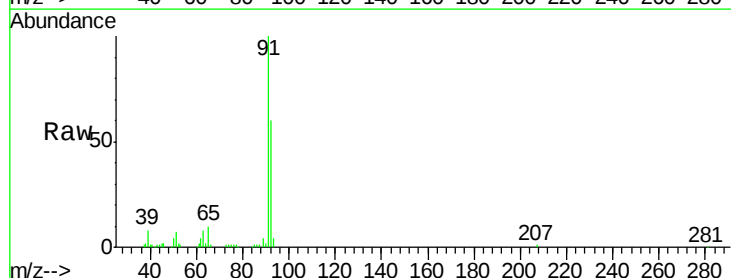
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

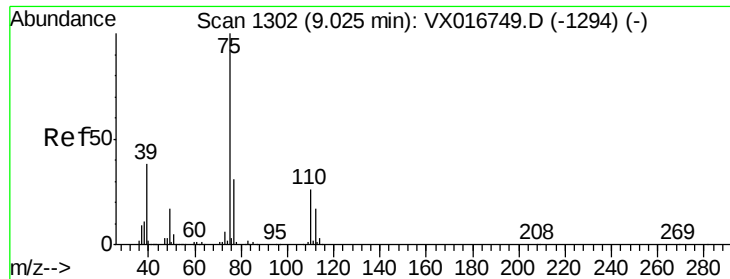
Tgt Ion: 43 Resp: 86323
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.6 52.0



#52
 Toluene
 Concen: 4.949 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion: 92 Resp: 30978
 Ion Ratio Lower Upper
 92 100
 91 166.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 5.145 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

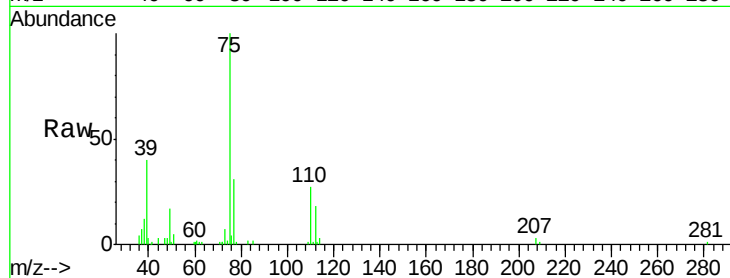
VSTDIC005

Tgt Ion: 75 Resp: 20584

Ion Ratio Lower Upper

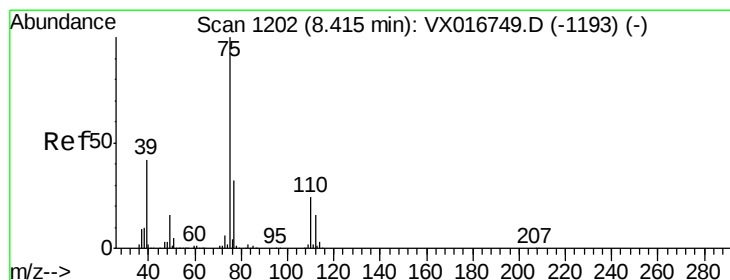
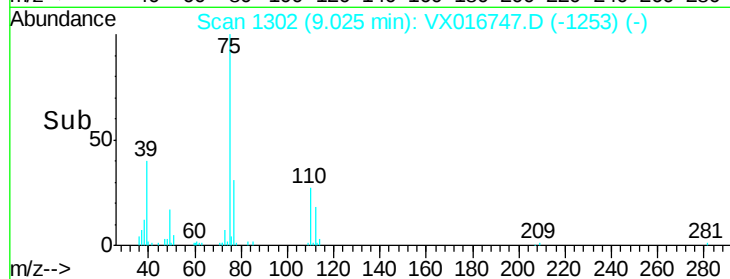
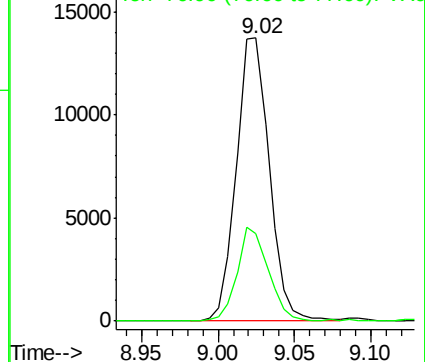
75 100

77 30.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.128 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

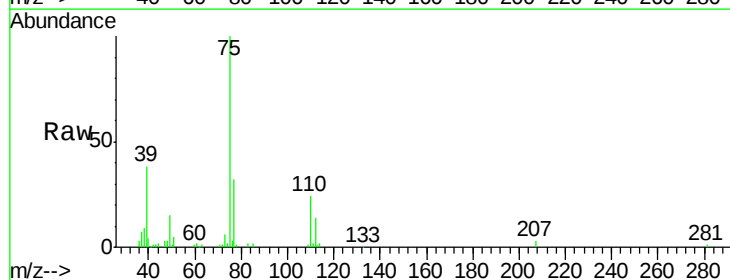
Tgt Ion: 75 Resp: 21632

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

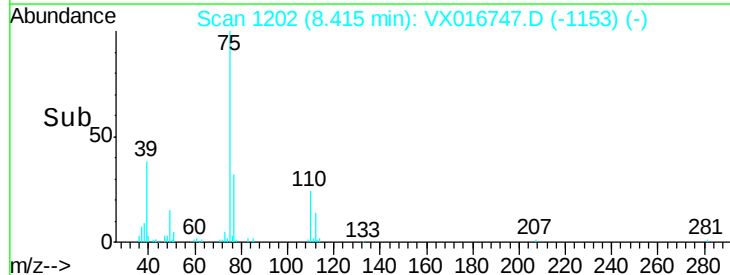
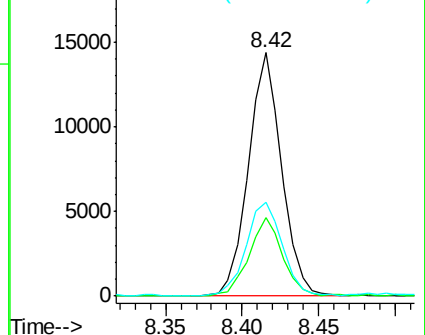
39 38.5 33.7 50.5

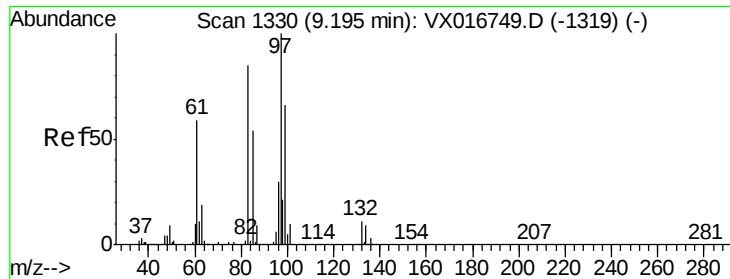


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

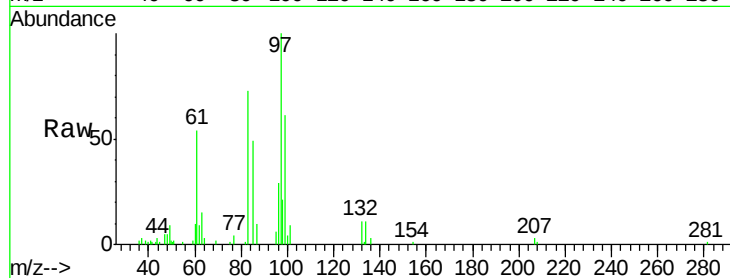




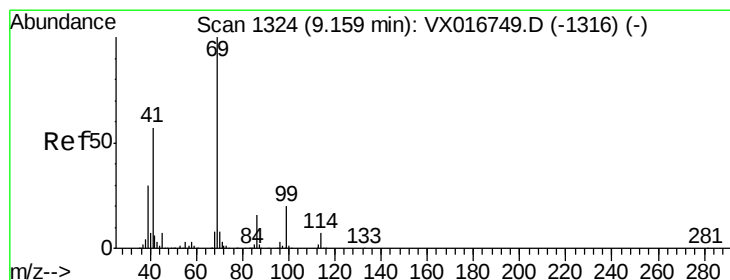
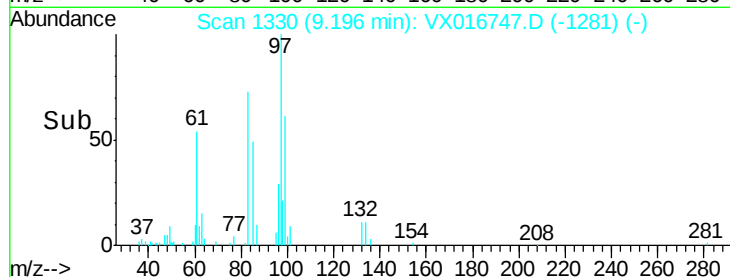
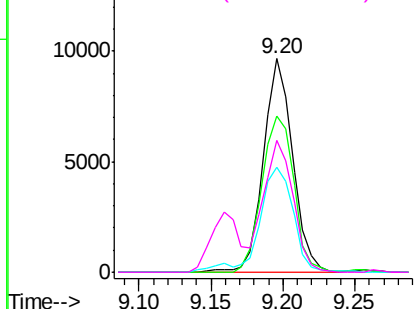
#55
 1,1,2-Trichloroethane
 Concen: 5.423 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	13529
Ion	Ratio	Lower	Upper
97	100		
83	73.2	68.3	102.5
85	49.0	43.5	65.3
99	61.4	52.4	78.6

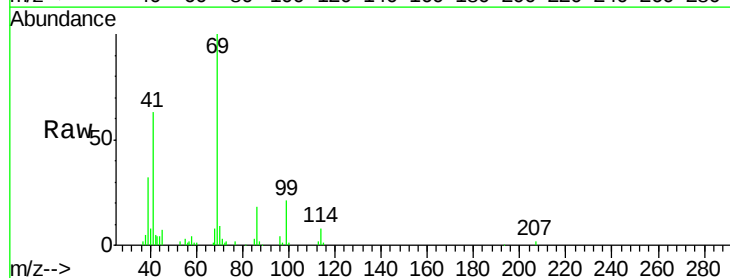


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

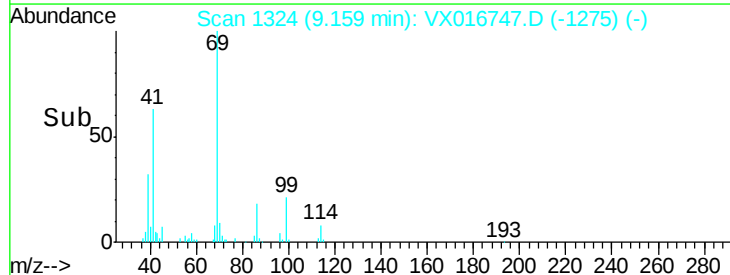
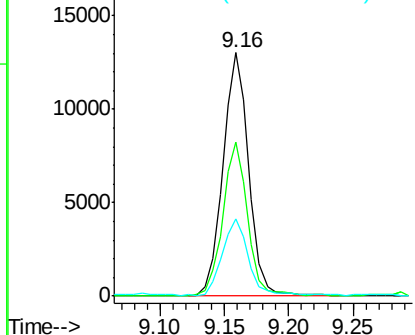


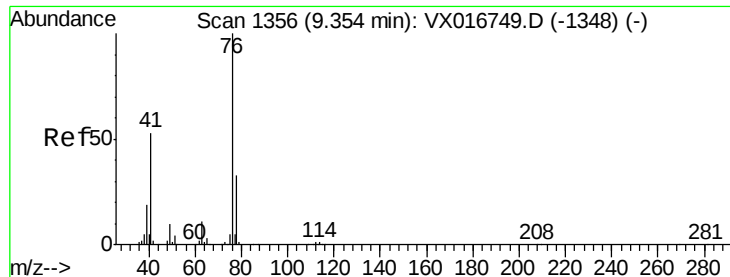
#56
 Ethyl methacrylate
 Concen: 4.558 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion:	69	Resp:	18273
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	33.3	25.0	37.6



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





#57

1,3-Dichloropropane

Concen: 5.320 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

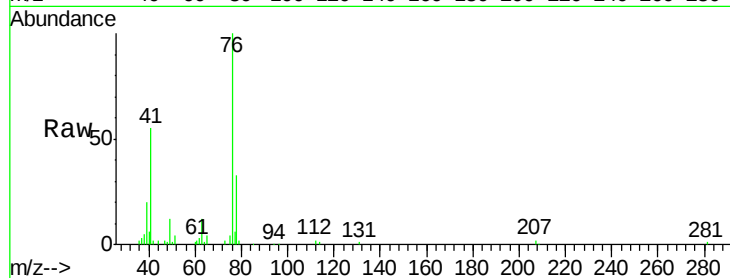
VSTDIC005

Tgt Ion: 76 Resp: 22596

Ion Ratio Lower Upper

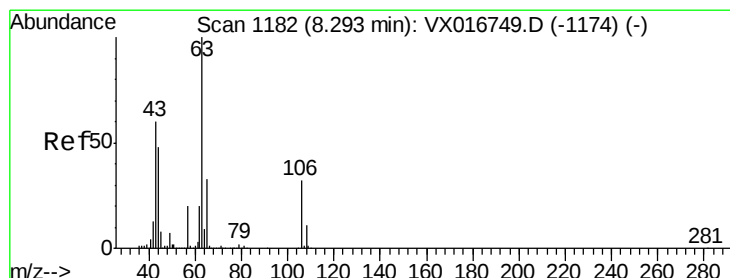
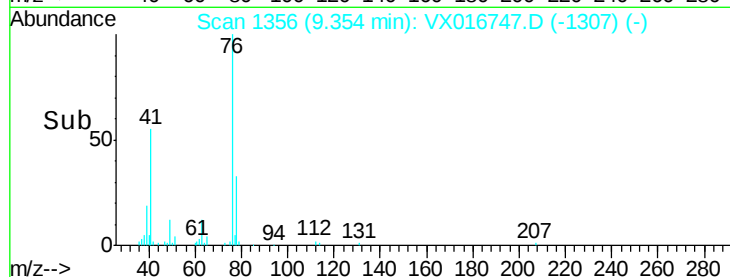
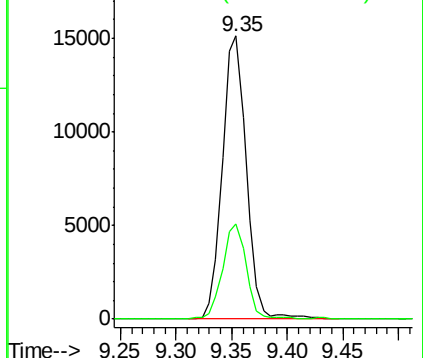
76 100

78 33.3 25.7 38.5



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: 23.184 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016747.D

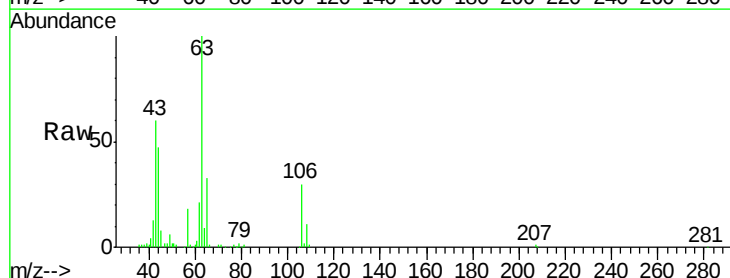
Acq: 15 Jun 2020 11:33

Tgt Ion: 63 Resp: 48476

Ion Ratio Lower Upper

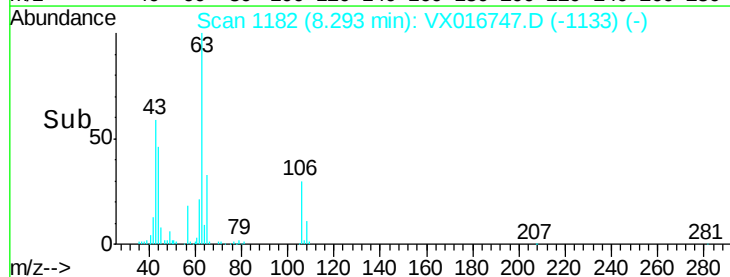
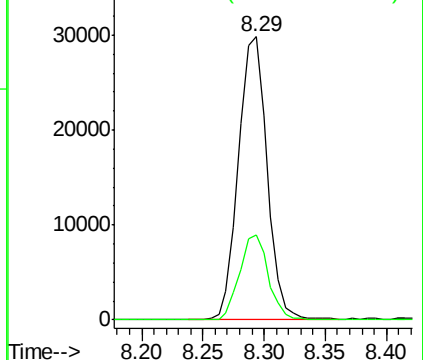
63 100

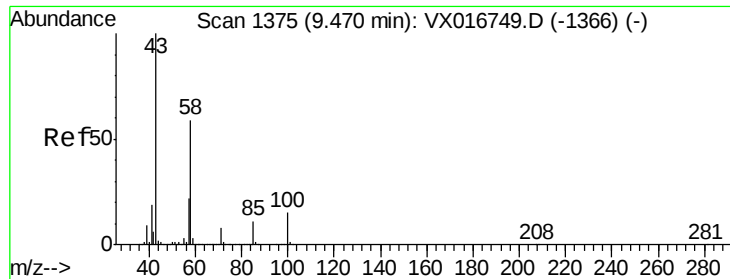
106 30.1 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

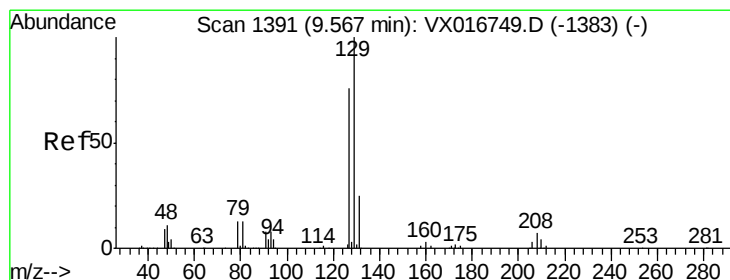
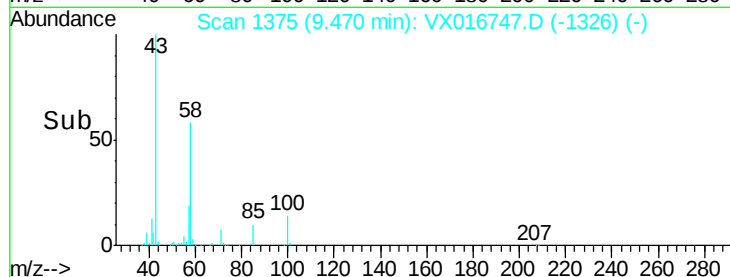
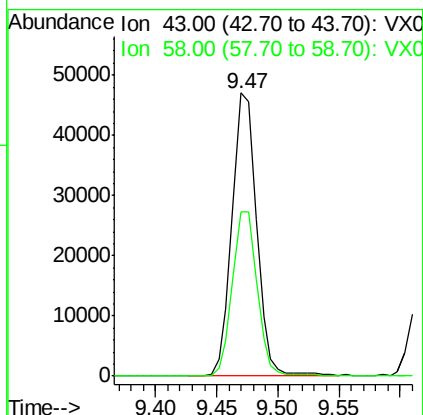
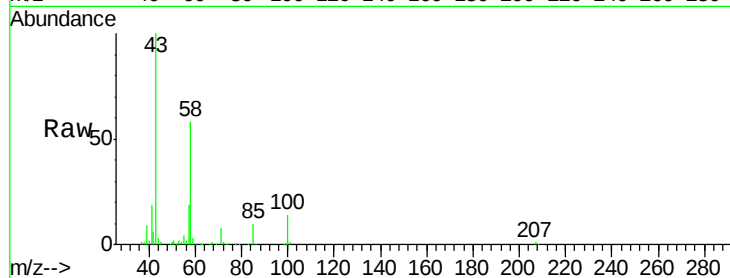




#59
2-Hexanone
Concen: 22.347 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

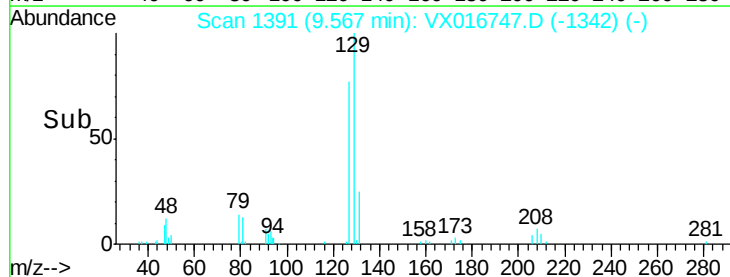
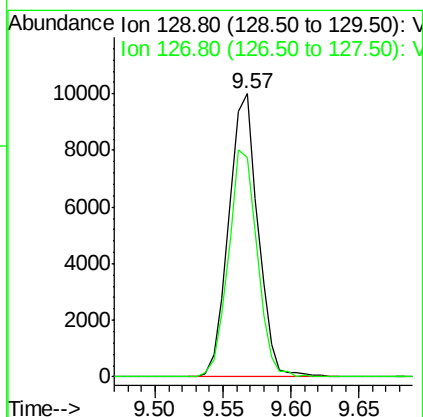
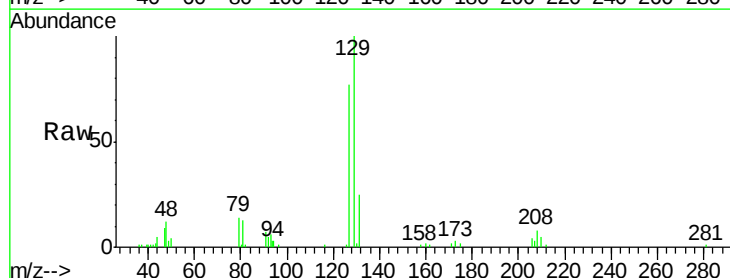
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

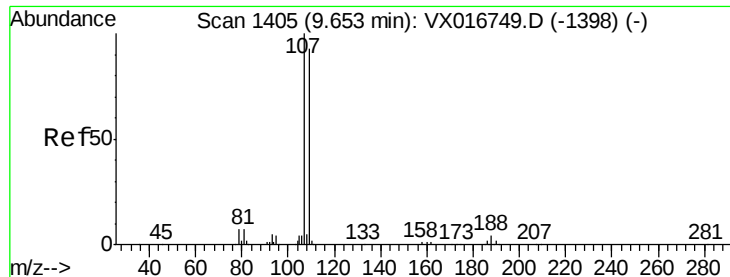
Tgt Ion: 43 Resp: 65765
Ion Ratio Lower Upper
43 100
58 58.0 29.9 89.8



#60
Dibromochloromethane
Concen: 5.289 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 129 Resp: 14972
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 5.257 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

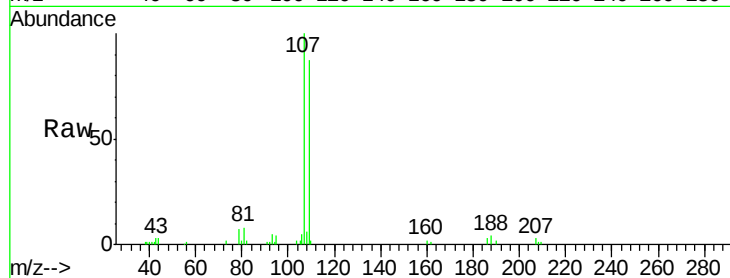
VSTDIC005

Tgt Ion: 107 Resp: 14099

Ion Ratio Lower Upper

107 100

109 94.0 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

12000

10000

8000

6000

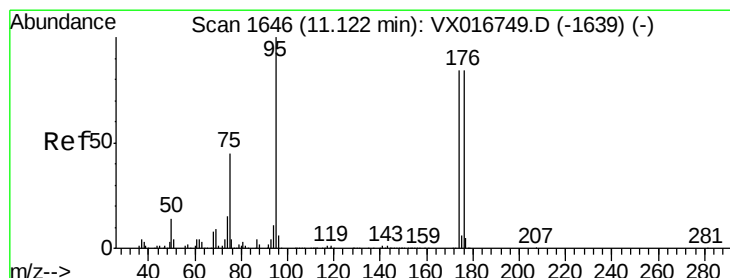
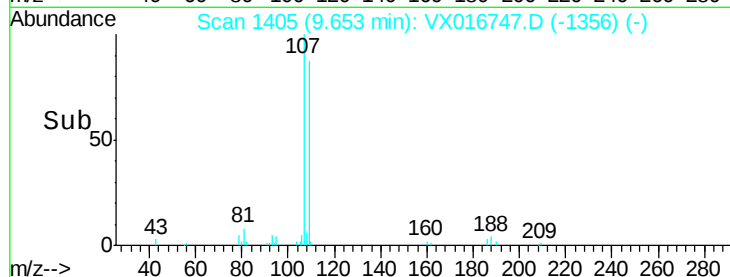
4000

2000

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 4.549 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

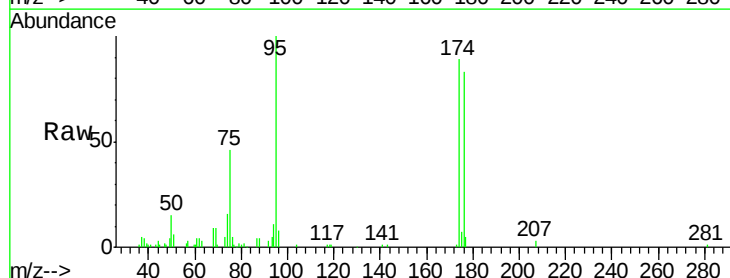
Tgt Ion: 95 Resp: 14818

Ion Ratio Lower Upper

95 100

174 88.2 0.0 171.0

176 85.2 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

15000

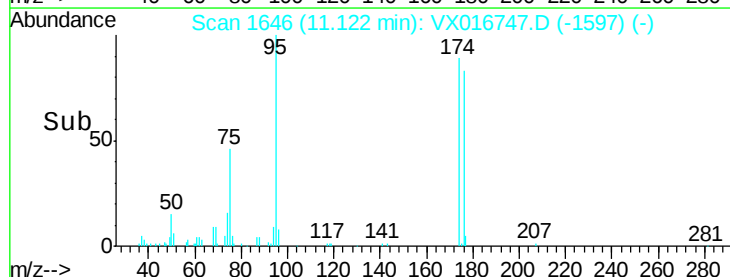
10000

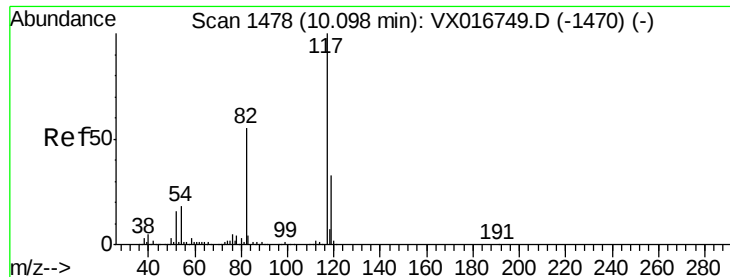
5000

0

Time-->

11.05 11.10 11.15

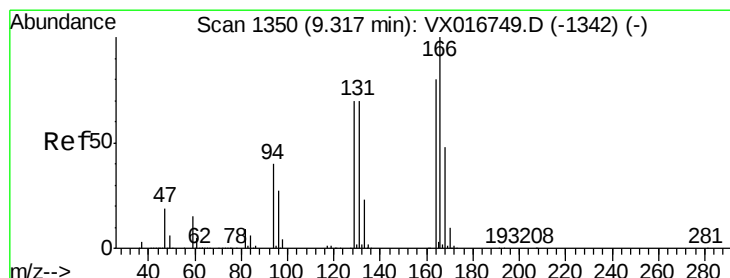
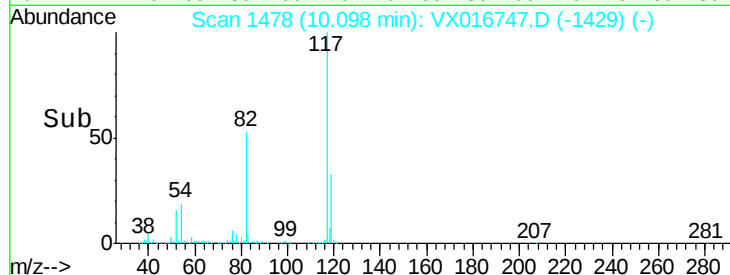
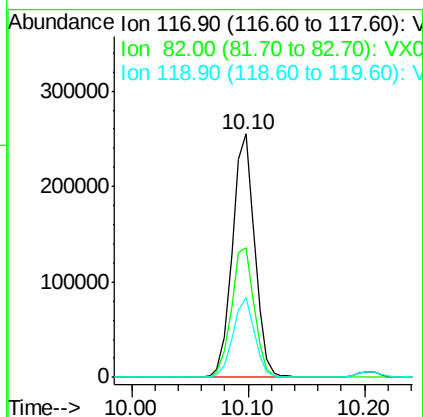
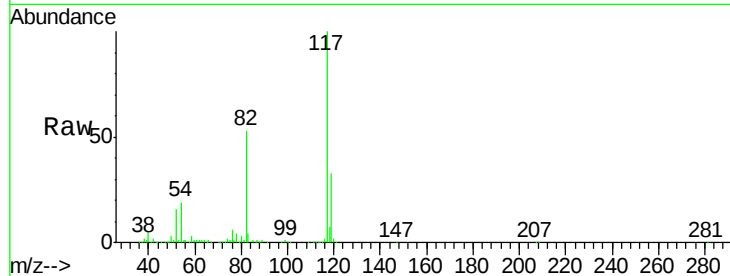




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

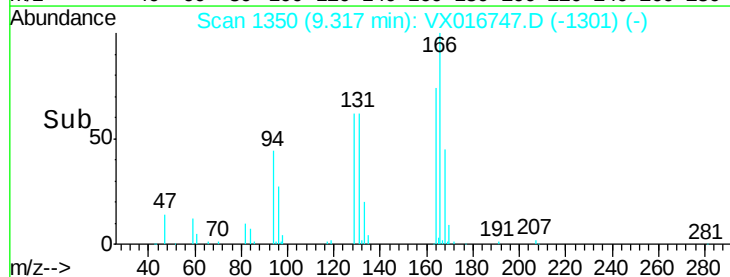
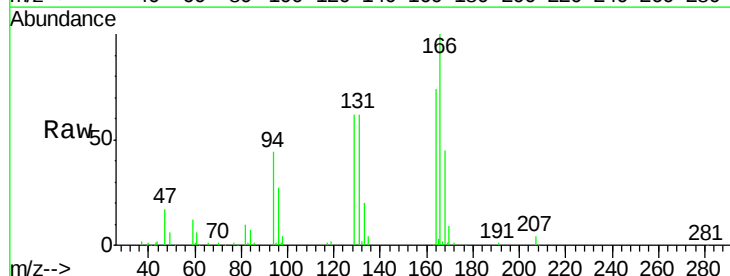
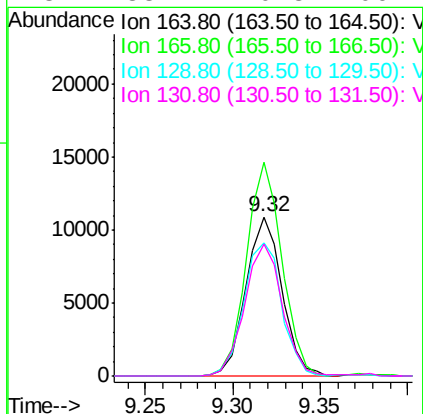
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

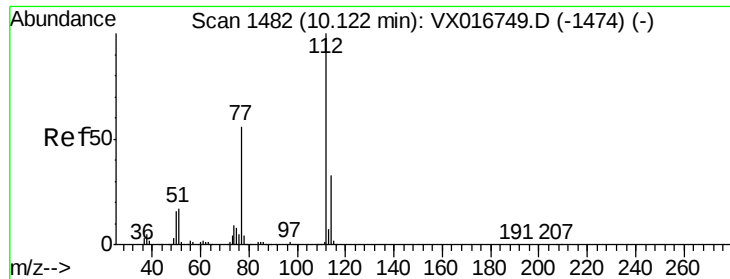
Tgt Ion:117 Resp: 341320
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.6
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 4.209 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion:164 Resp: 15658
Ion Ratio Lower Upper
164 100
166 134.5 100.6 150.8
129 83.6 70.1 105.1
131 83.2 70.8 106.2





#65

Chlorobenzene

Concen: 5.083 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

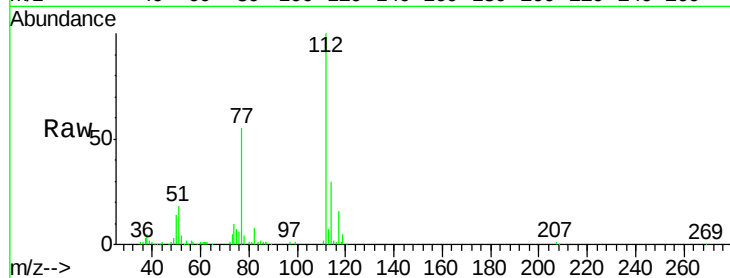
VSTDIC005

Tgt Ion:112 Resp: 35087

Ion Ratio Lower Upper

112 100

114 29.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

25000

20000

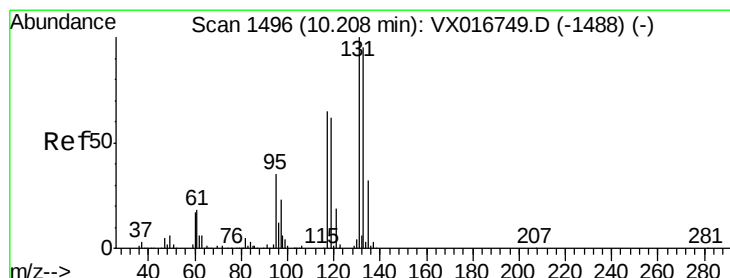
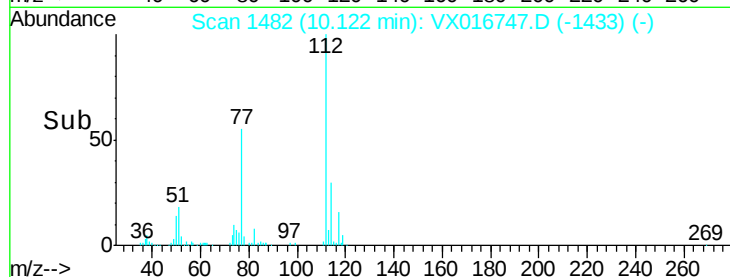
15000

10000

5000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 5.232 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

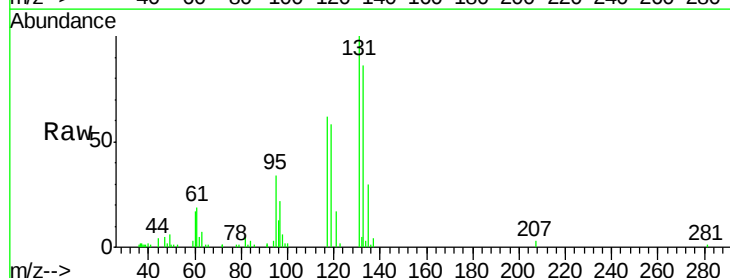
Tgt Ion:131 Resp: 13924

Ion Ratio Lower Upper

131 100

133 94.8 46.8 140.3

119 63.2 31.4 94.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

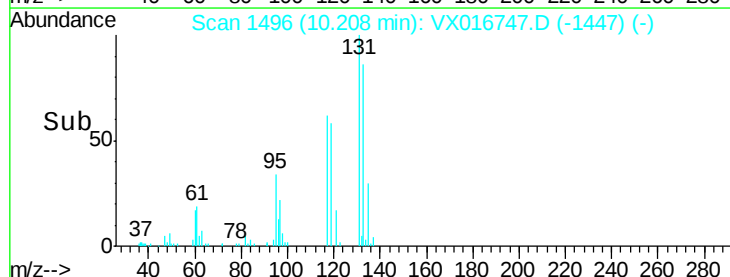
10.21

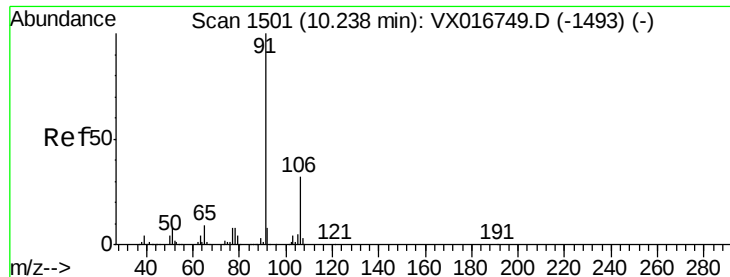
10000

5000

0

Time-->





#67

Ethyl Benzene

Concen: 4.360 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

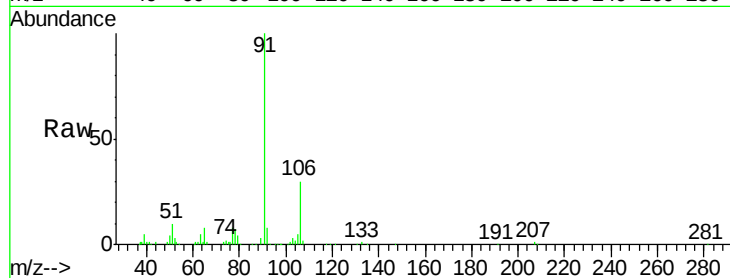
VSTDIC005

Tgt Ion: 91 Resp: 53271

Ion Ratio Lower Upper

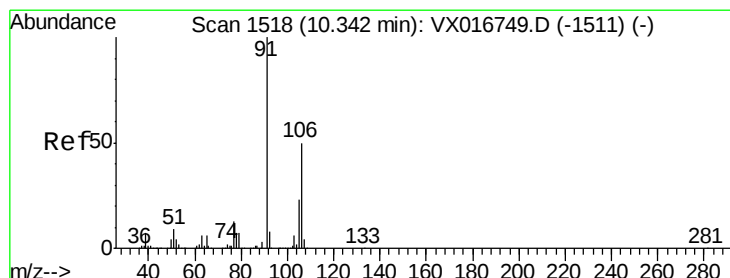
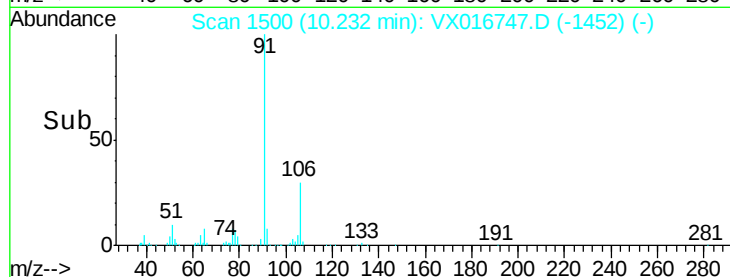
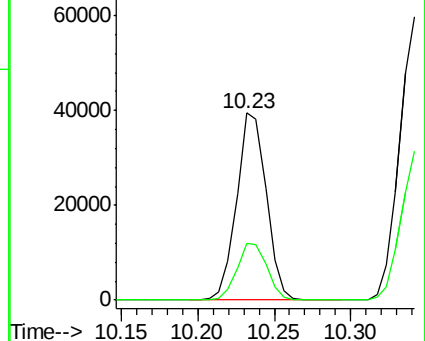
91 100

106 30.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 8.796 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016747.D

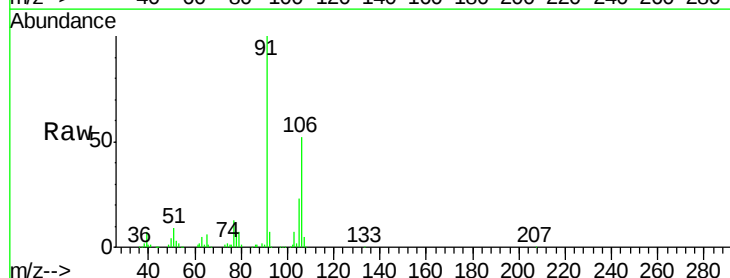
Acq: 15 Jun 2020 11:33

Tgt Ion: 106 Resp: 40055

Ion Ratio Lower Upper

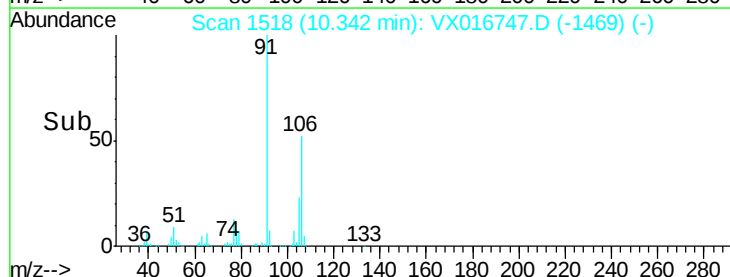
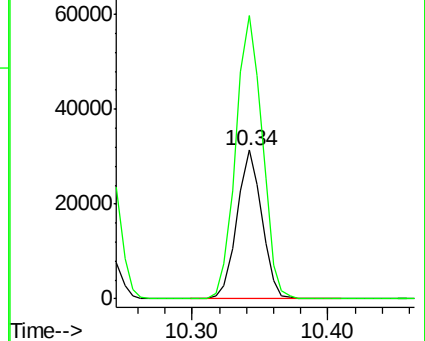
106 100

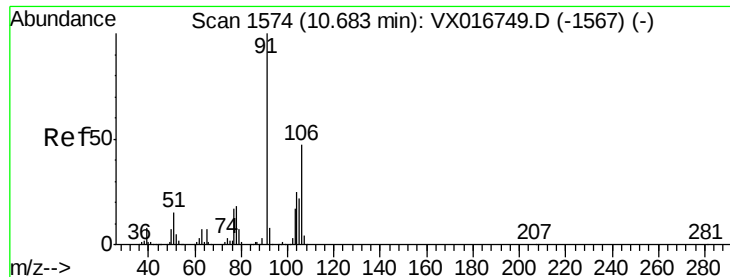
91 203.0 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

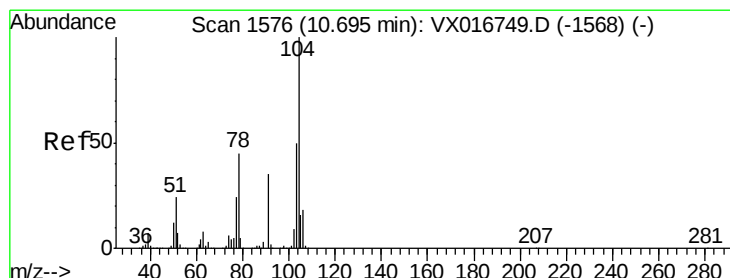
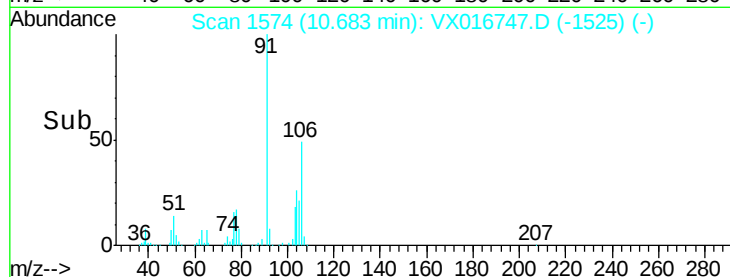
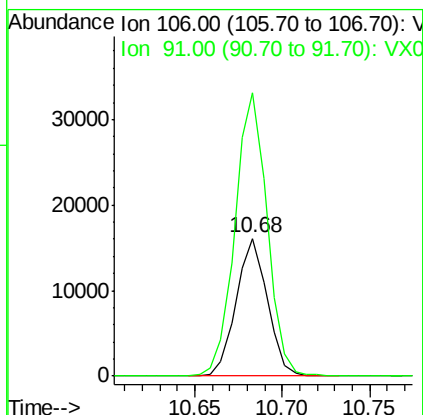
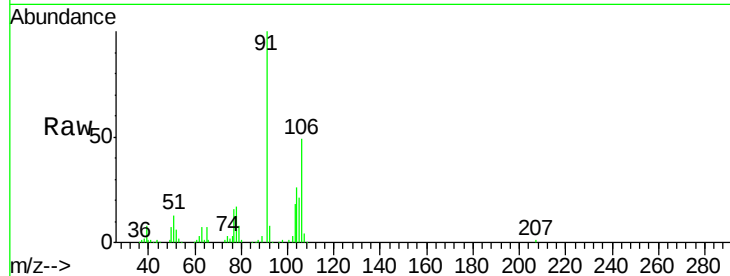




#69
o-Xylene
Concen: 4.525 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

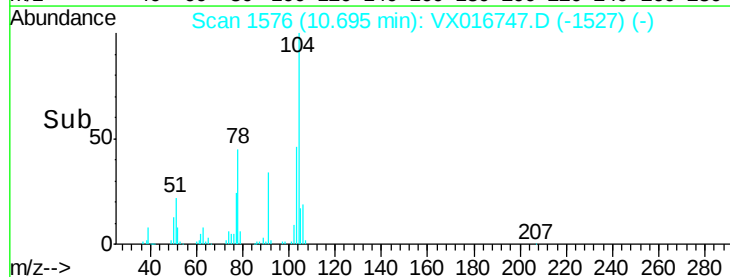
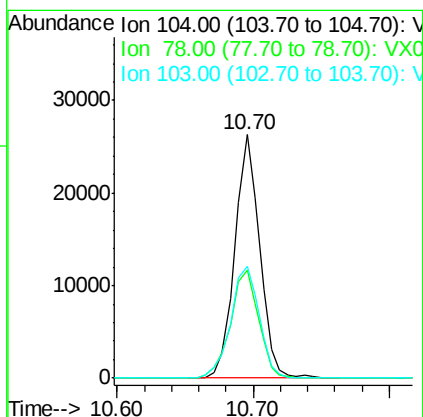
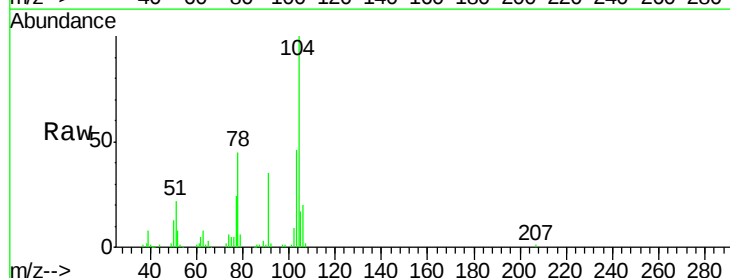
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

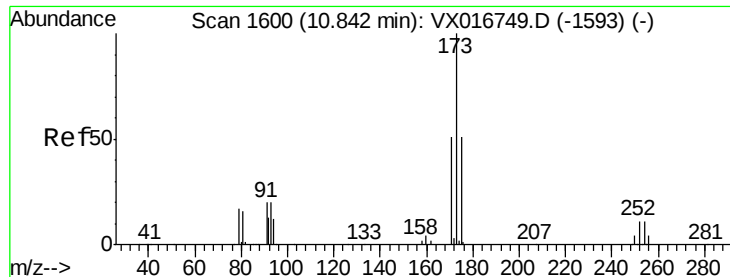
Tgt Ion:106 Resp: 19974
Ion Ratio Lower Upper
106 100
91 211.0 106.9 320.8



#70
Styrene
Concen: 4.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion:104 Resp: 33439
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 53.0 43.4 65.2





#71

Bromoform

Concen: 5.094 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

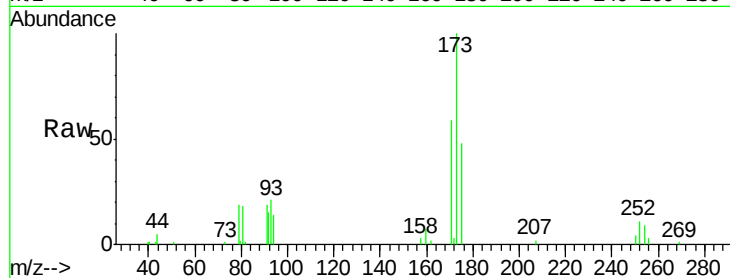
Tgt Ion:173 Resp: 11406

Ion Ratio Lower Upper

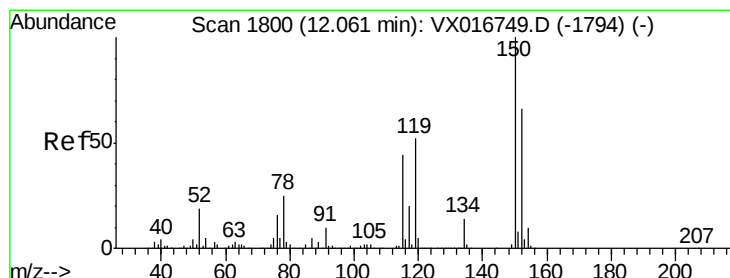
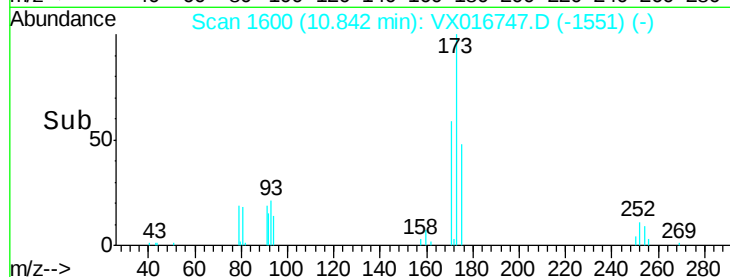
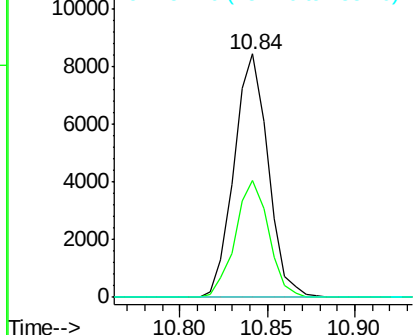
173 100

175 47.2 25.1 75.4

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: VX016747.D

Acq: 15 Jun 2020 11:33

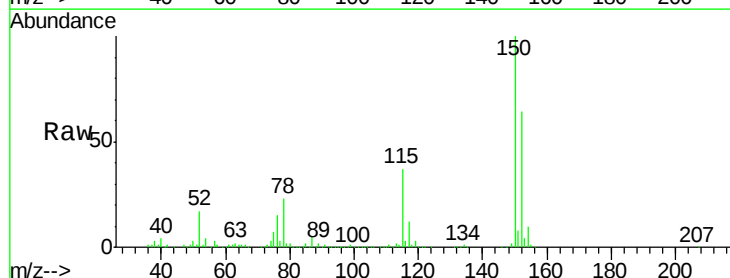
Tgt Ion:152 Resp: 160416

Ion Ratio Lower Upper

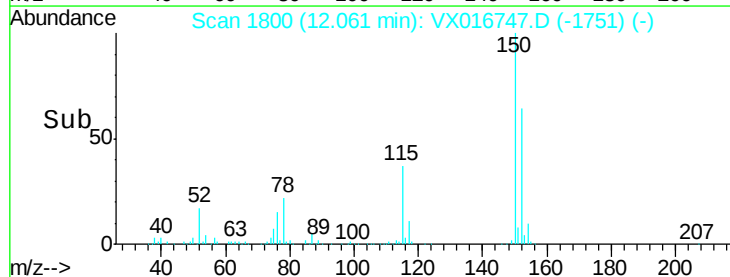
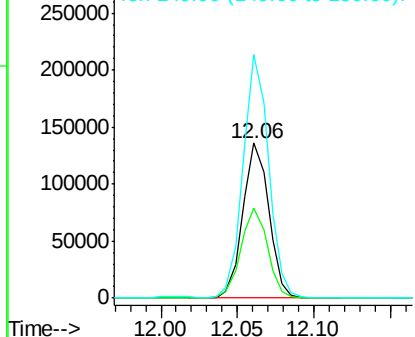
152 100

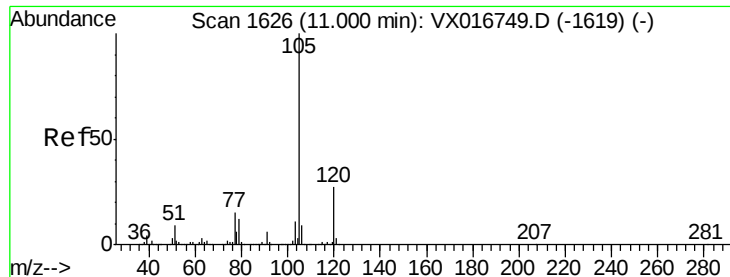
115 59.4 40.3 120.8

150 154.4 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.180 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

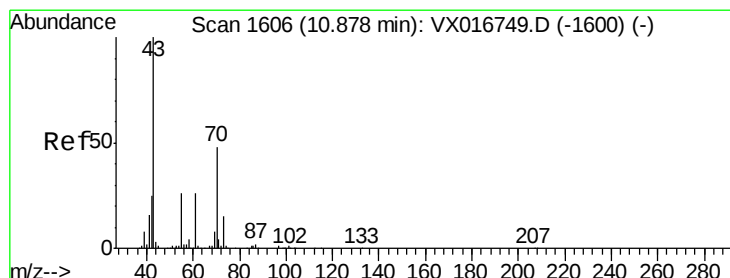
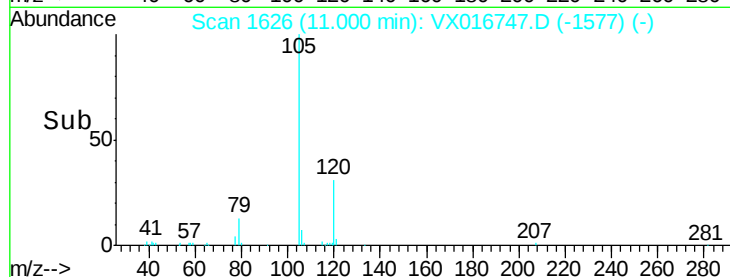
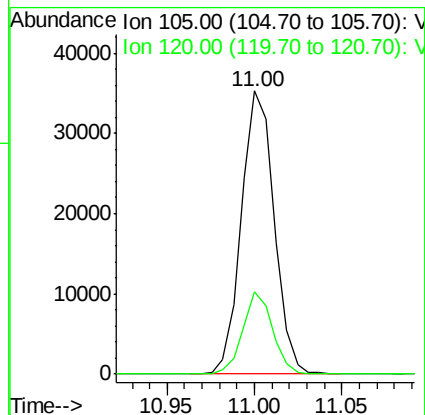
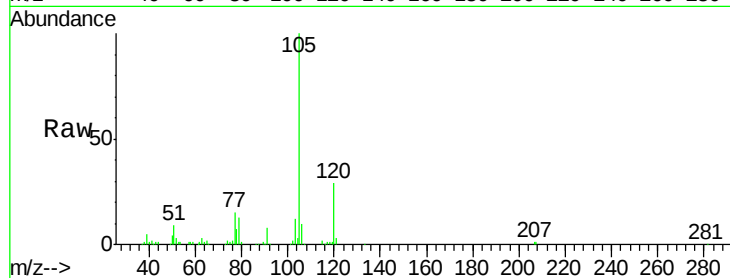
VSTDIC005

Tgt Ion: 105 Resp: 45977

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 4.054 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion: 43 Resp: 19931

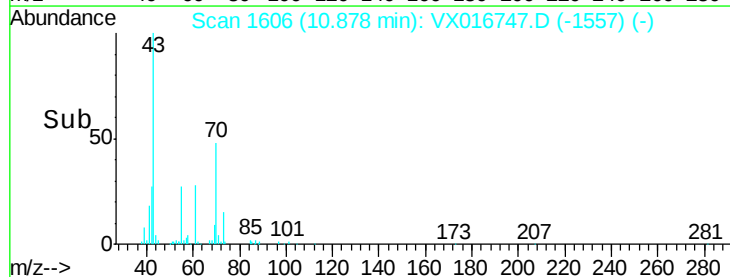
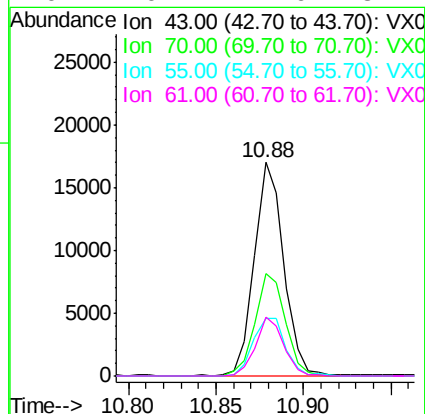
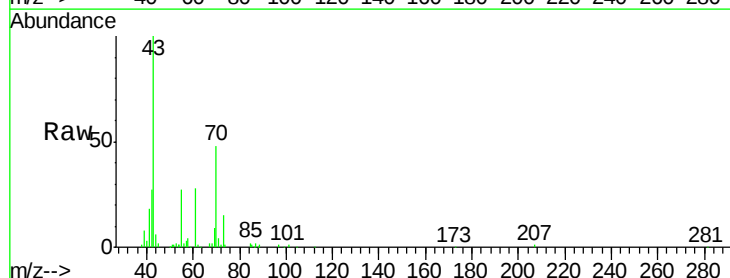
Ion Ratio Lower Upper

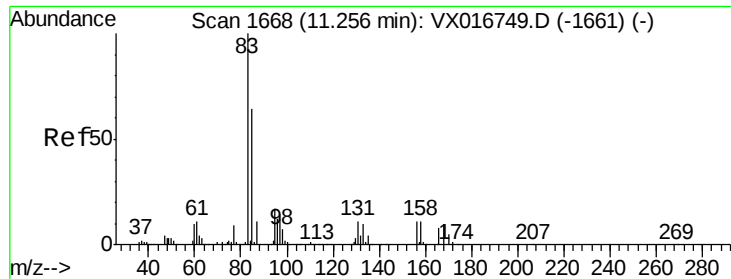
43 100

70 49.3 39.8 59.6

55 30.3 21.7 32.5

61 26.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.920 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

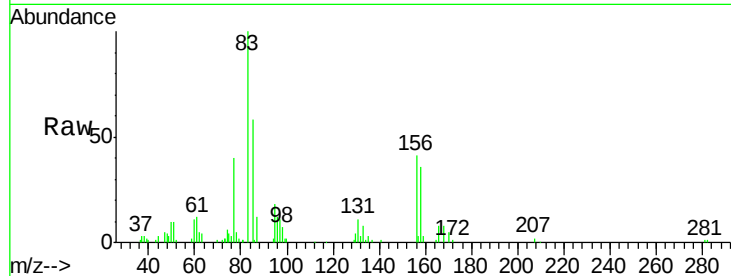
Tgt Ion: 83 Resp: 16508

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

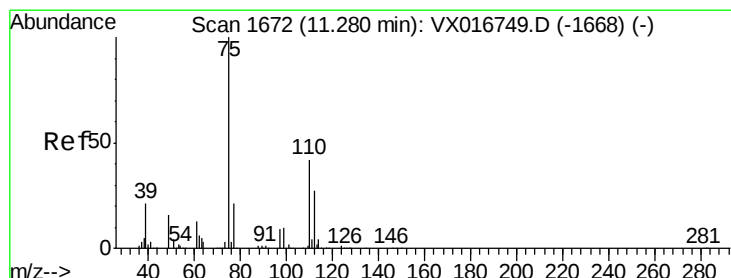
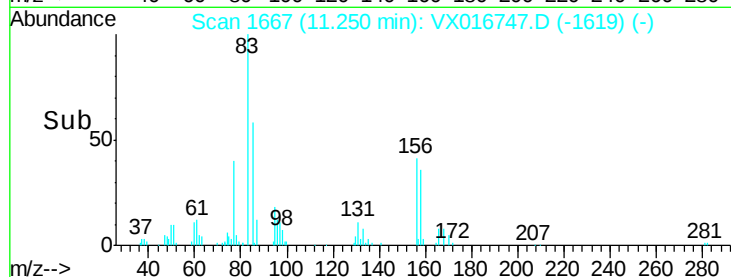
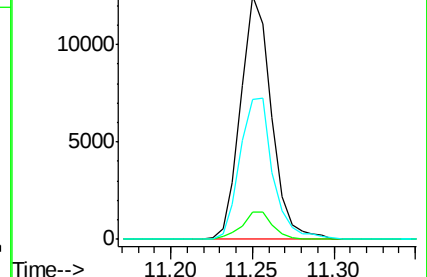
85 61.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.938 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016747.D

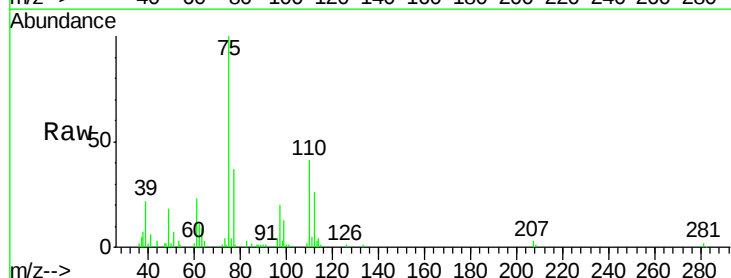
Acq: 15 Jun 2020 11:33

Tgt Ion: 75 Resp: 24014

Ion Ratio Lower Upper

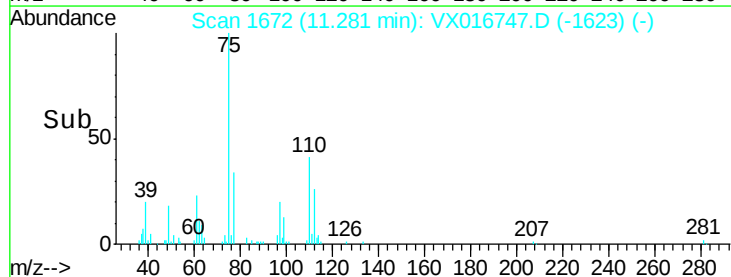
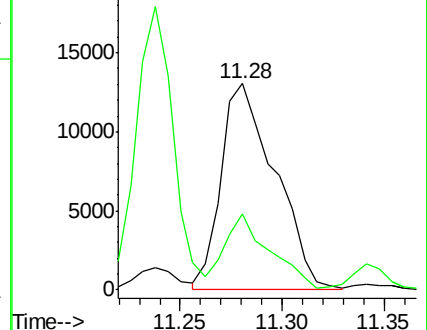
75 100

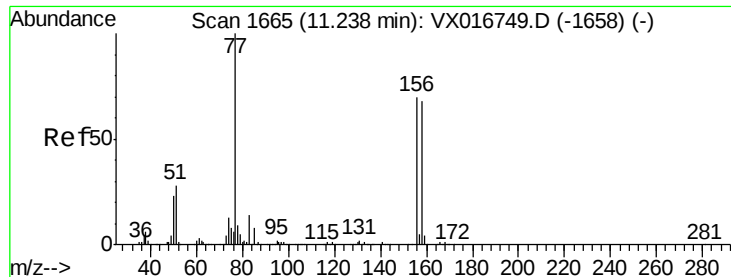
77 30.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.298 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

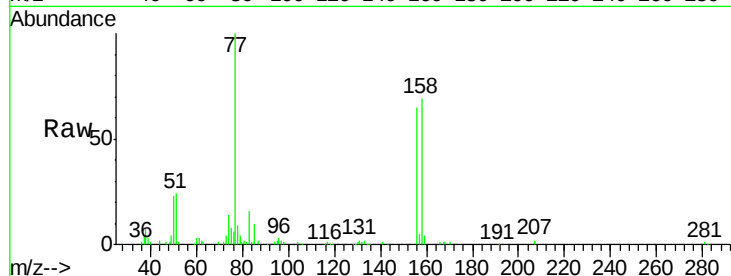
Tgt Ion:156 Resp: 15396

Ion Ratio Lower Upper

156 100

77 148.1 73.2 219.6

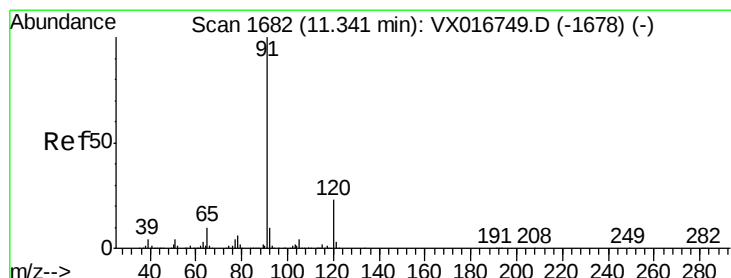
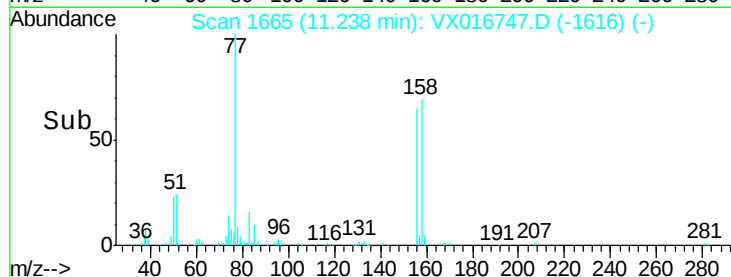
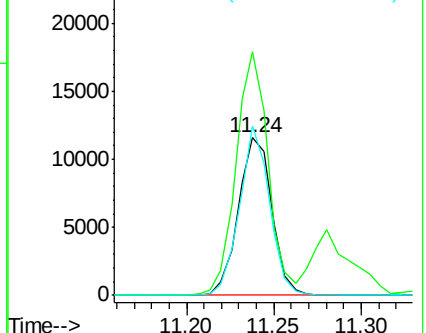
158 96.0 48.8 146.4



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



#78

n-propylbenzene

Concen: 4.055 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016747.D

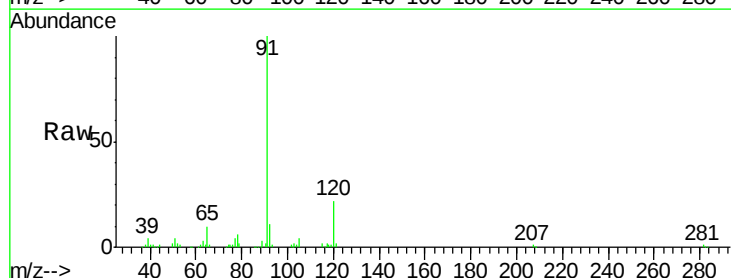
Acq: 15 Jun 2020 11:33

Tgt Ion: 91 Resp: 49612

Ion Ratio Lower Upper

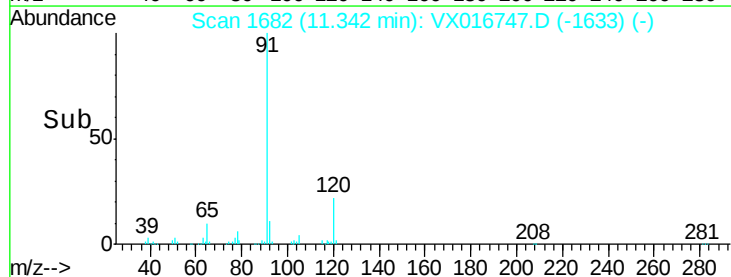
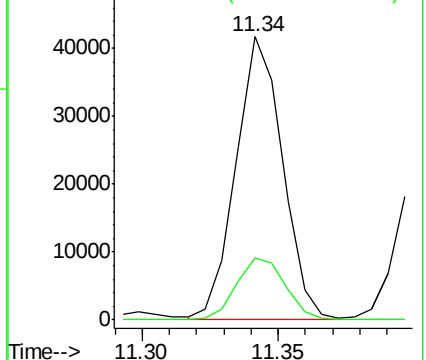
91 100

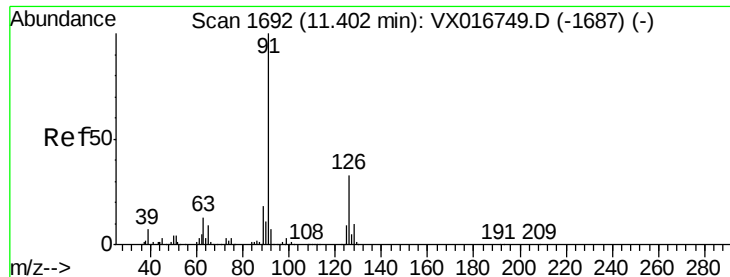
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

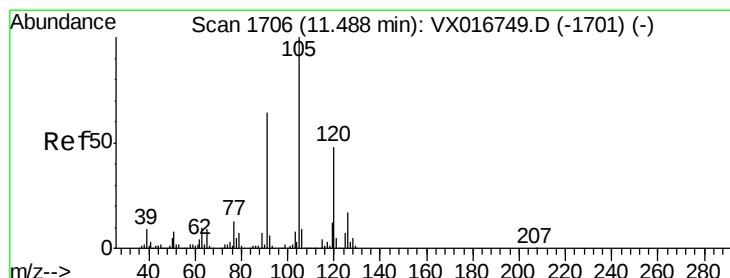
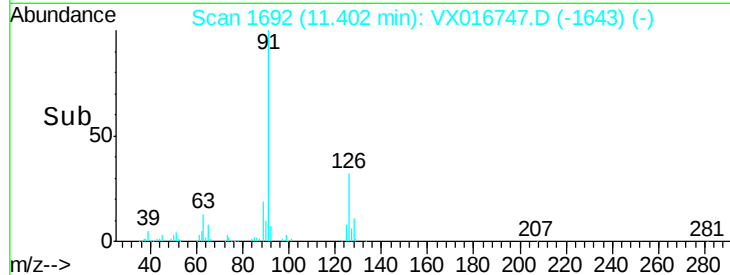
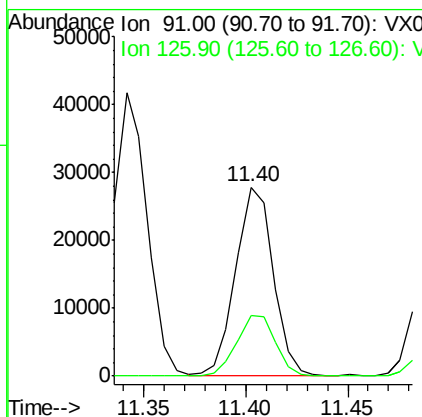
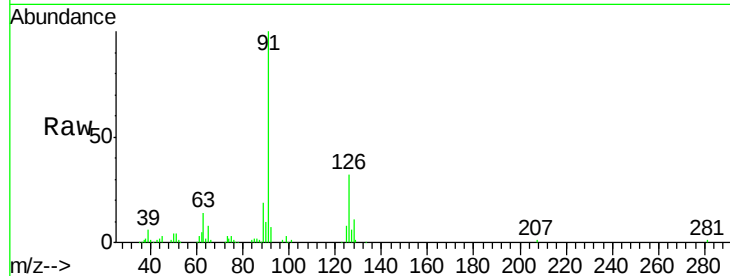




#79
 2-Chlorotoluene
 Concen: 4.792 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

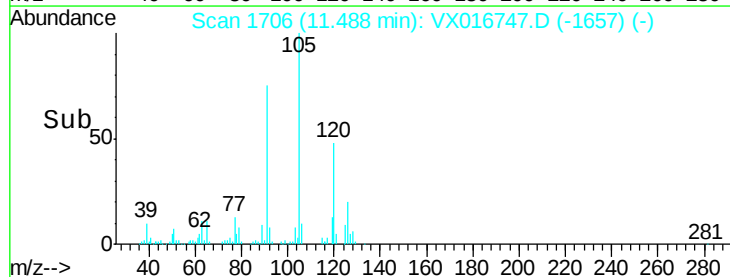
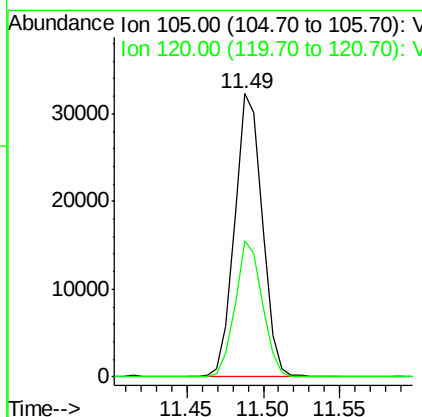
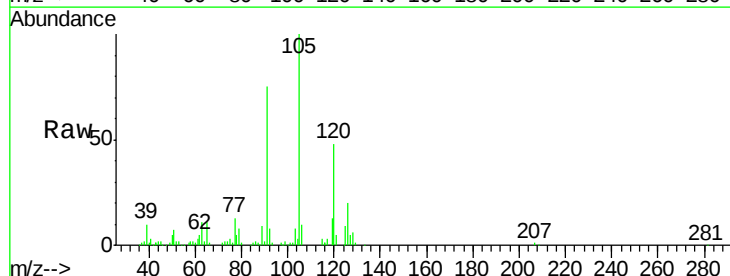
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

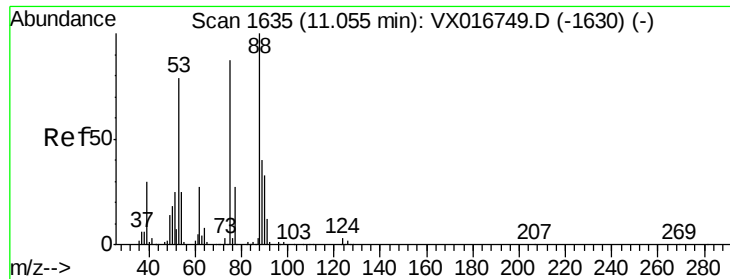
Tgt Ion: 91 Resp: 35830
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 4.398 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion: 105 Resp: 40362
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.861 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

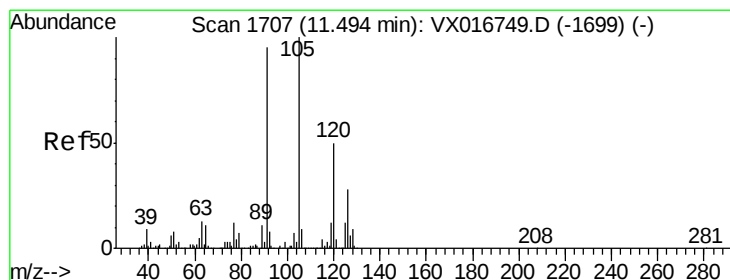
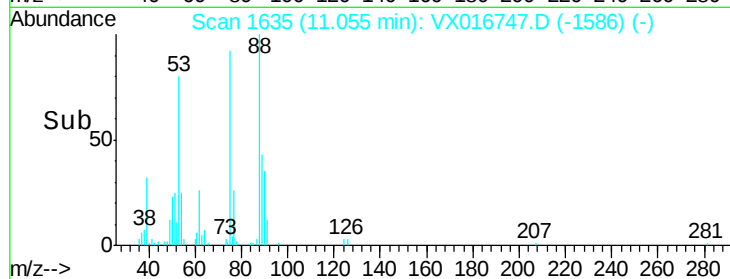
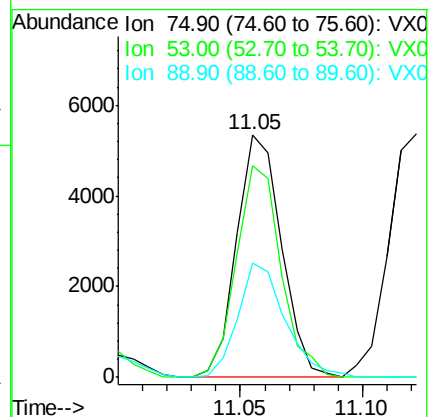
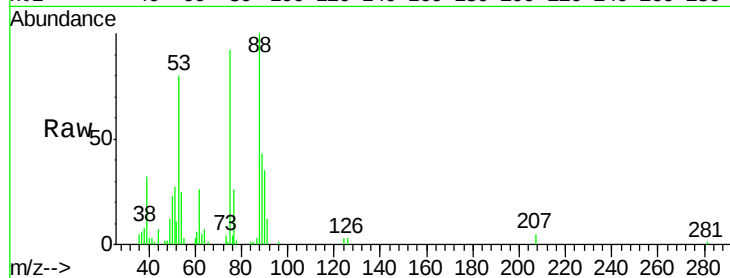
Tgt Ion: 75 Resp: 6825

Ion Ratio Lower Upper

75 100

53 87.0 71.4 107.0

89 49.9 39.1 58.7



#82

4-Chlorotoluene

Concen: 4.657 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016747.D

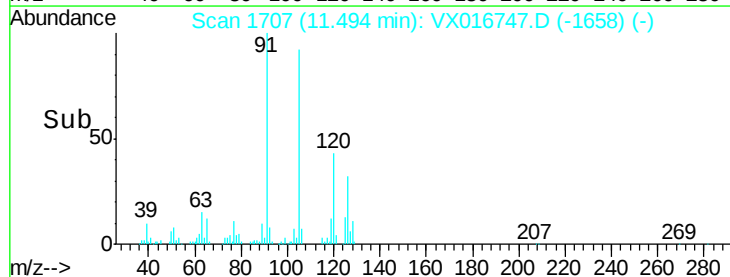
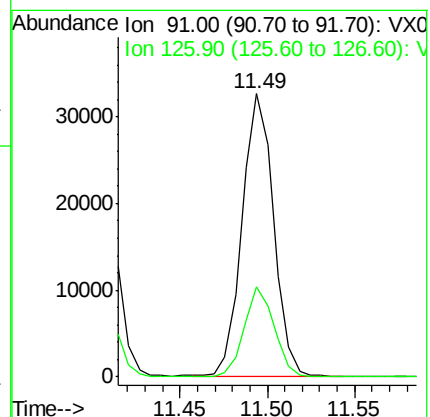
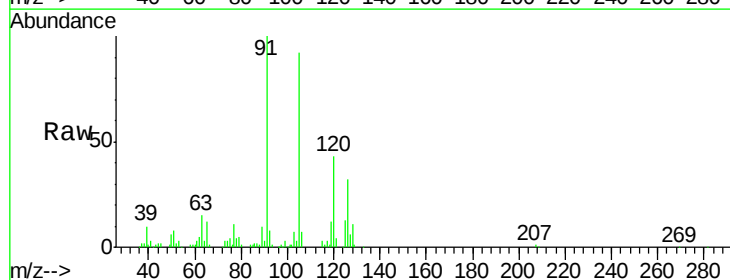
Acq: 15 Jun 2020 11:33

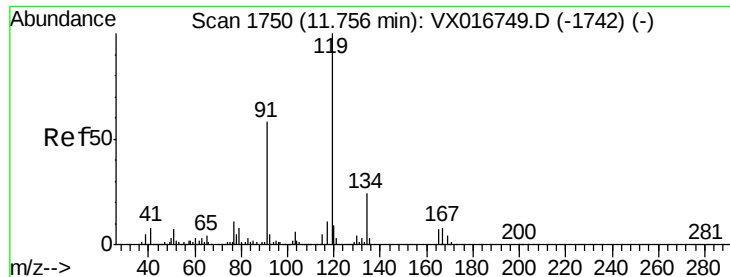
Tgt Ion: 91 Resp: 41000

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6

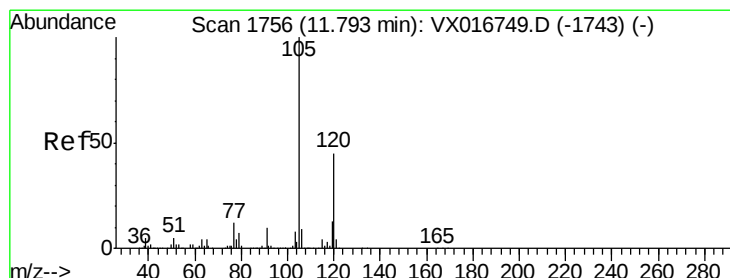
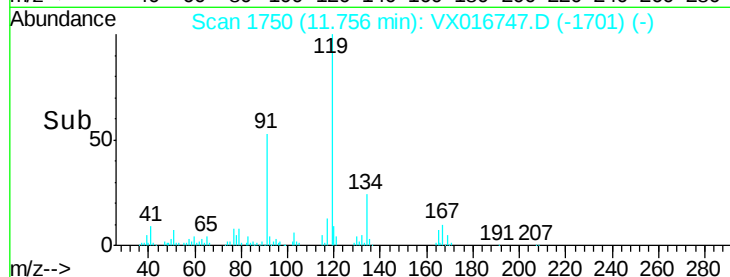
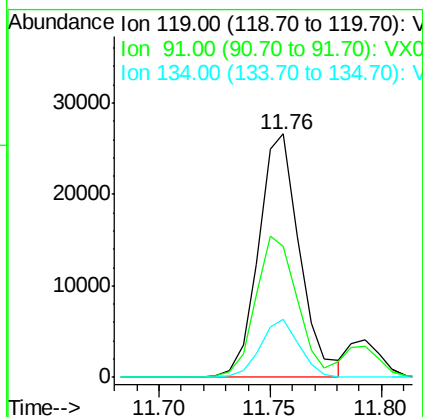
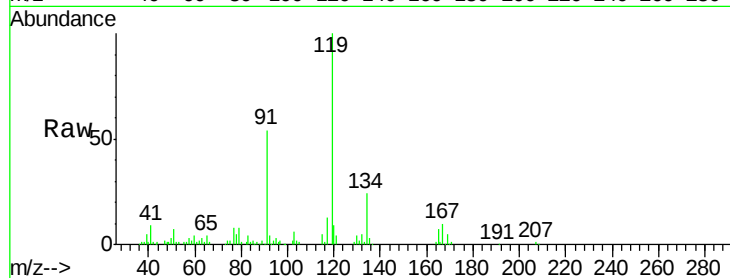




#83
 tert-Butylbenzene
 Concen: 4.325 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

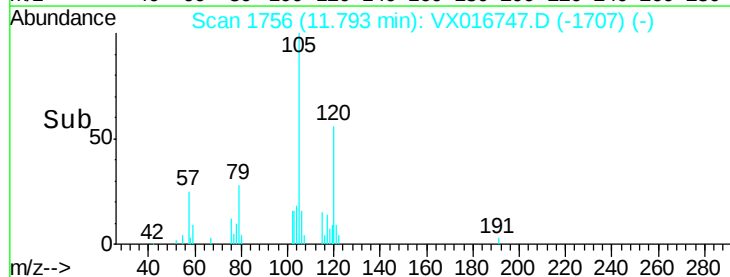
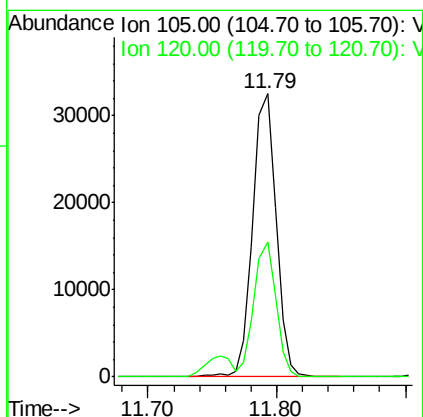
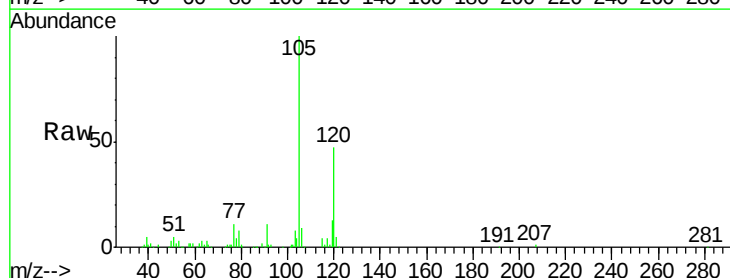
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

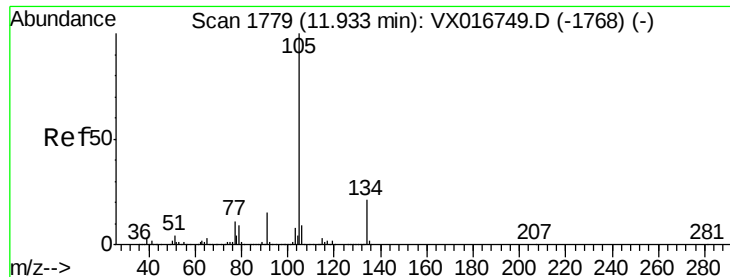
Tgt Ion:119 Resp: 34266
 Ion Ratio Lower Upper
 119 100
 91 58.1 29.3 88.0
 134 22.5 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.389 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion:105 Resp: 40726
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 3.674 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

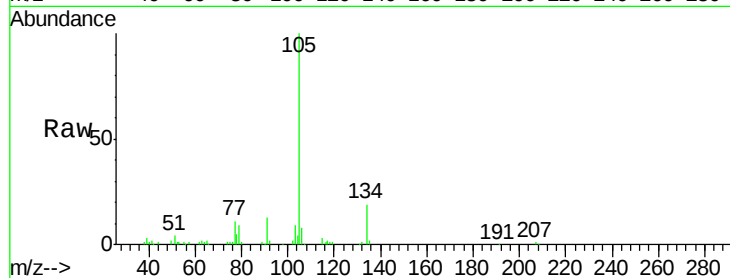
VSTDIC005

Tgt Ion:105 Resp: 36282

Ion Ratio Lower Upper

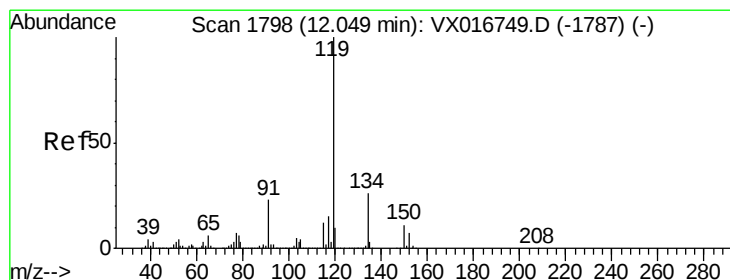
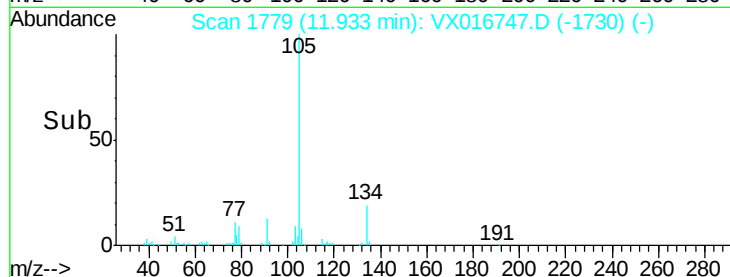
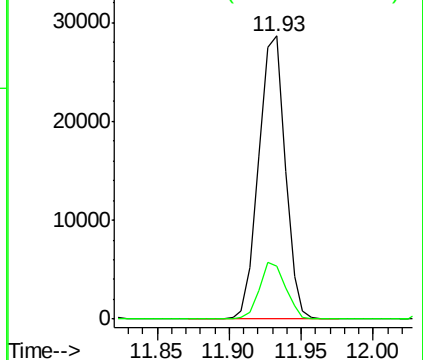
105 100

134 19.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.792 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

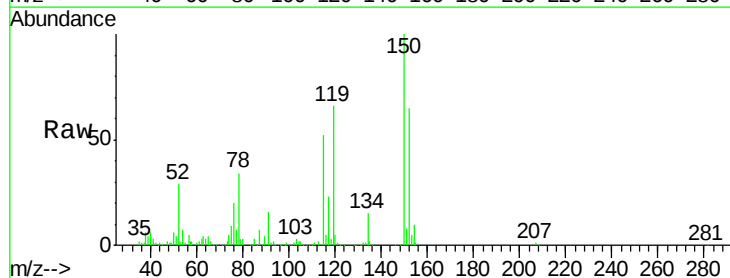
Tgt Ion:119 Resp: 35158

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

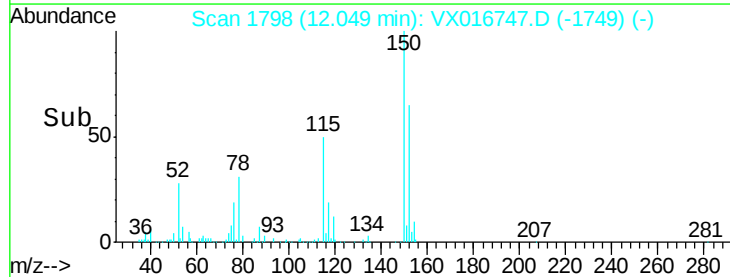
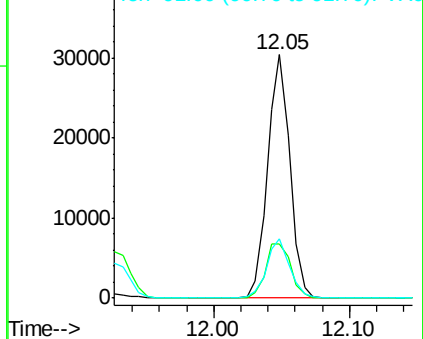
91 25.4 11.6 34.7

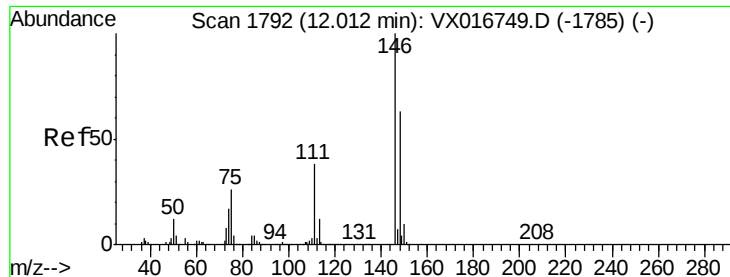


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

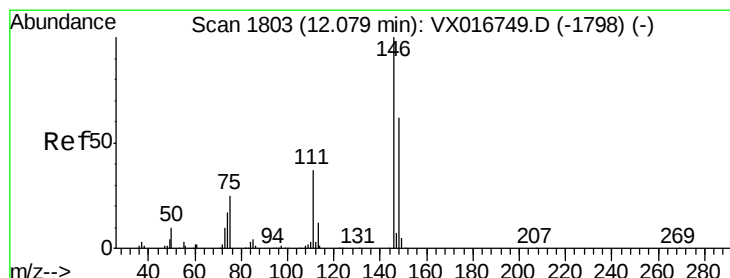
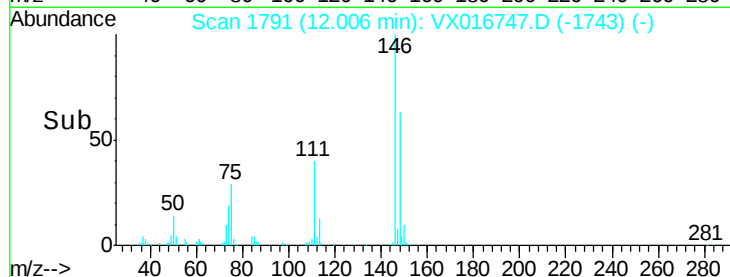
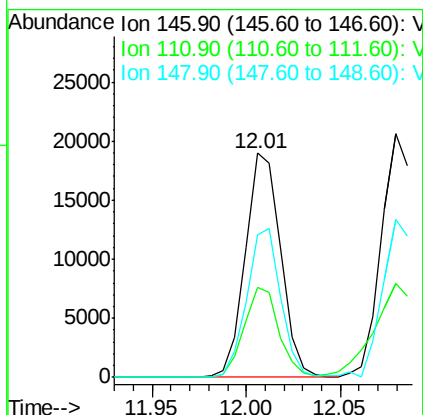
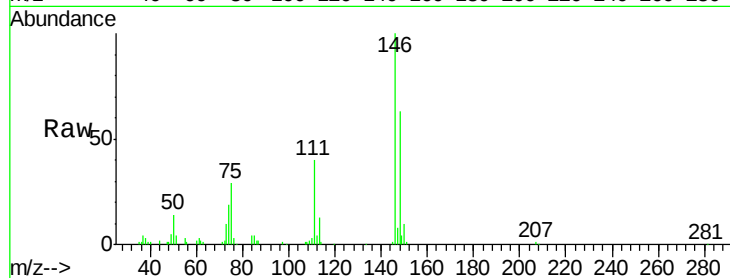




#87
 1,3-Dichlorobenzene
 Concen: 4.924 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

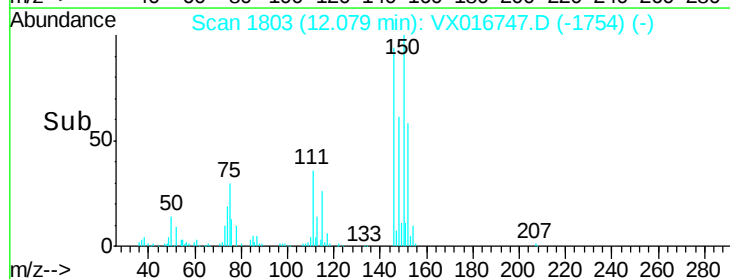
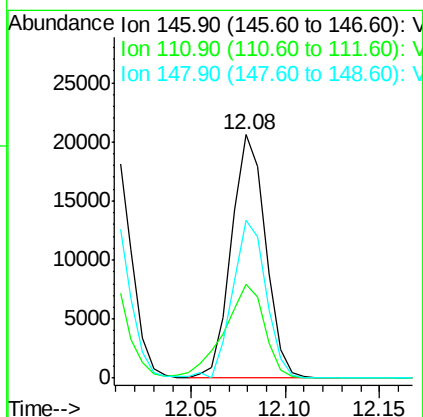
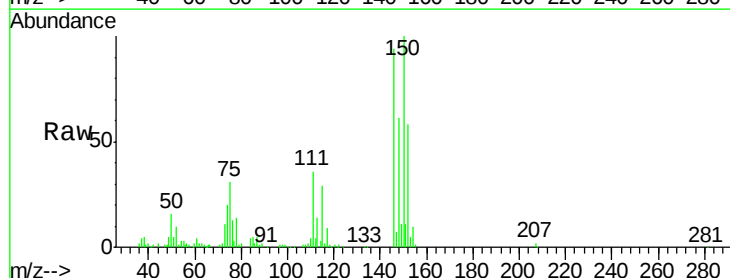
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

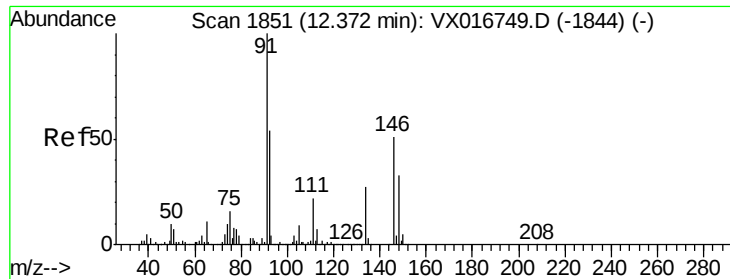
Tgt Ion:146 Resp: 24722
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 5.072 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion:146 Resp: 26044
 Ion Ratio Lower Upper
 146 100
 111 45.6 19.3 57.8
 148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 3.573 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

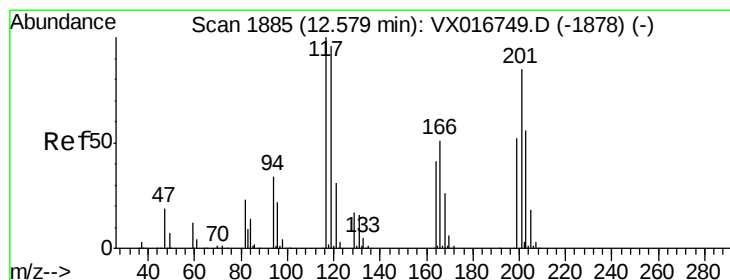
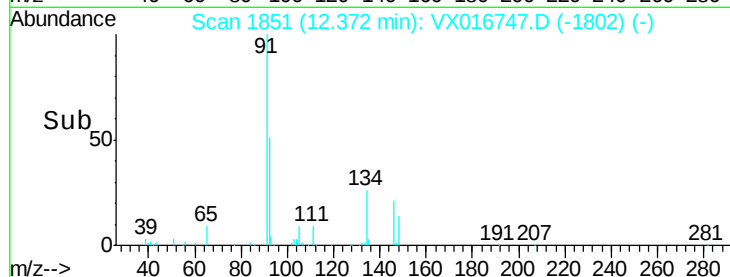
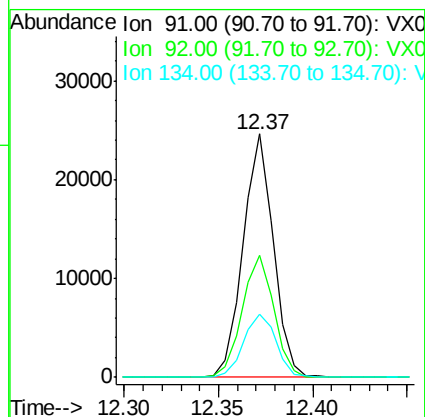
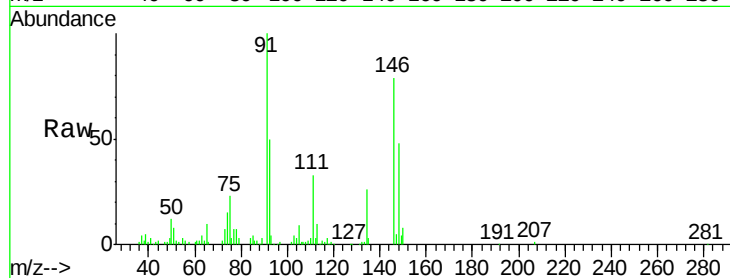
Tgt Ion: 91 Resp: 27490

Ion Ratio Lower Upper

91 100

92 52.5 27.0 80.8

134 27.7 13.7 41.0



#90

Hexachloroethane

Concen: 4.364 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016747.D

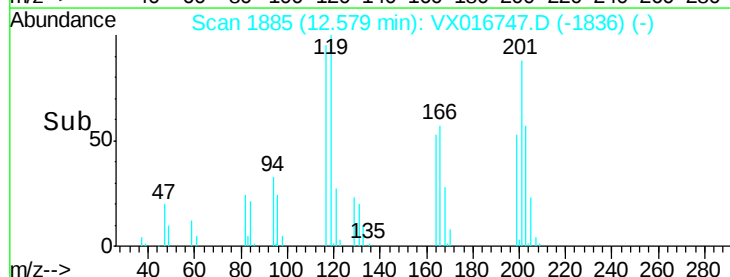
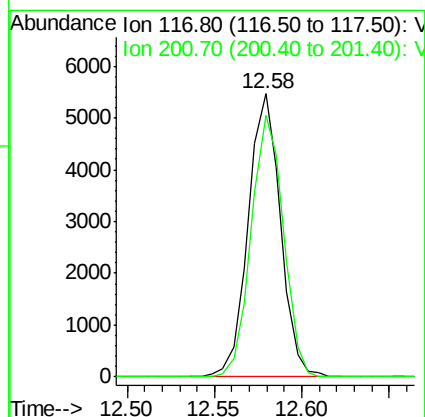
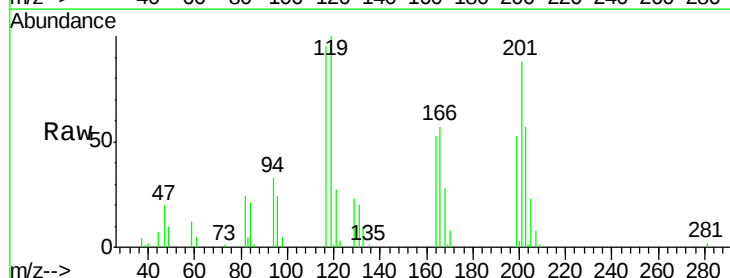
Acq: 15 Jun 2020 11:33

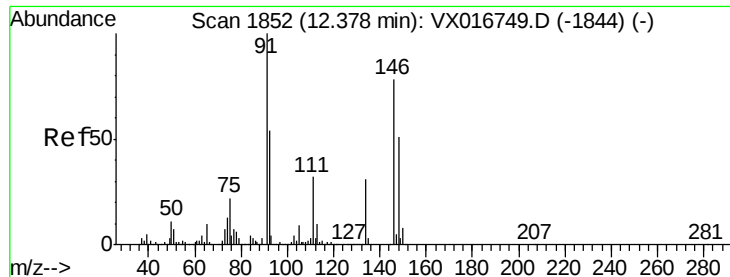
Tgt Ion: 117 Resp: 7012

Ion Ratio Lower Upper

117 100

201 92.1 45.6 136.9

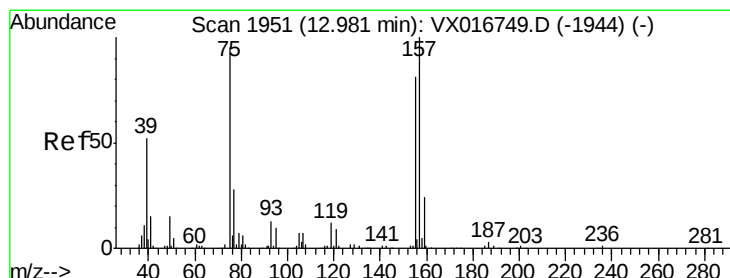
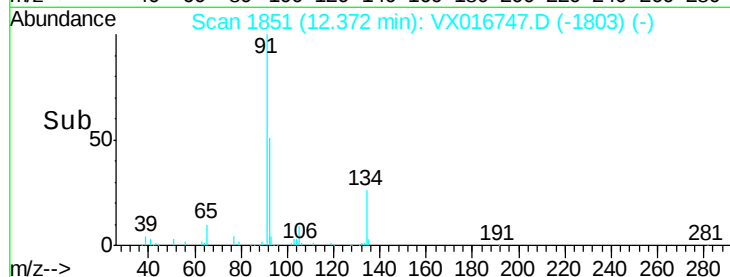
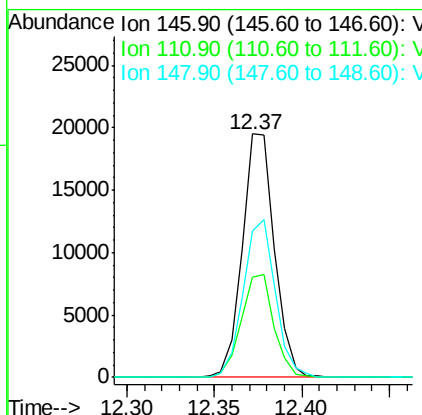
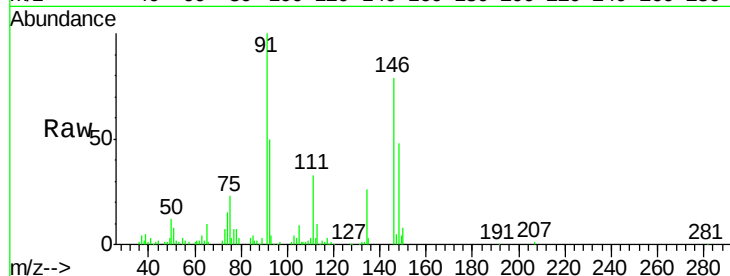




#91
 1,2-Dichlorobenzene
 Concen: 5.100 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

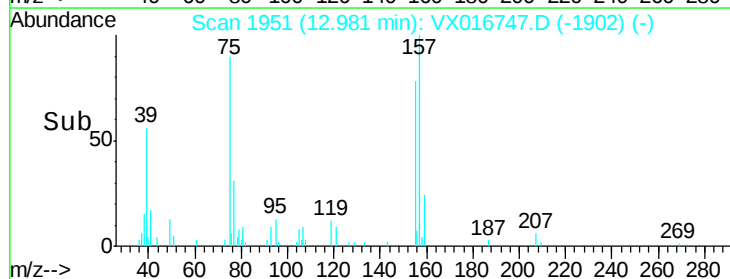
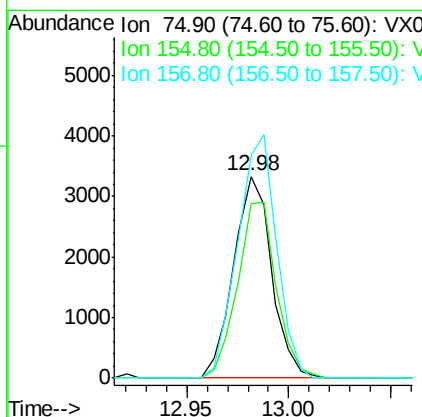
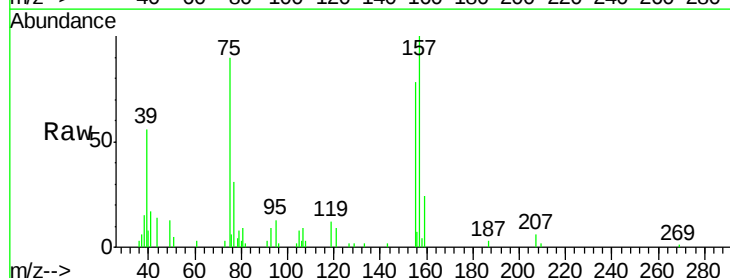
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

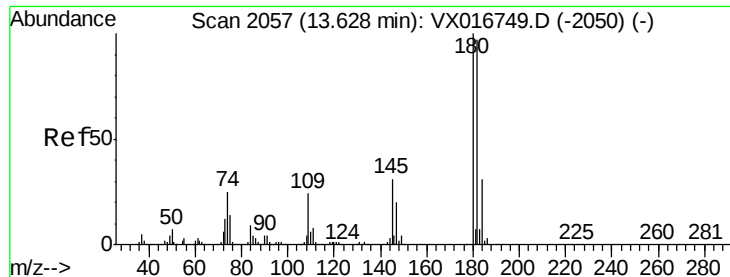
Tgt Ion: 146 Resp: 24859
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.2
 148 65.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.857 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion: 75 Resp: 4315
 Ion Ratio Lower Upper
 75 100
 155 88.8 46.9 140.7
 157 122.8 59.6 178.7

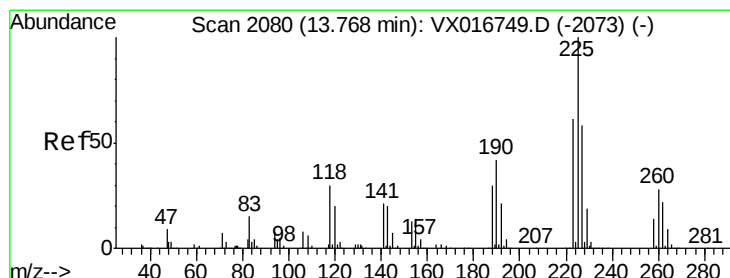
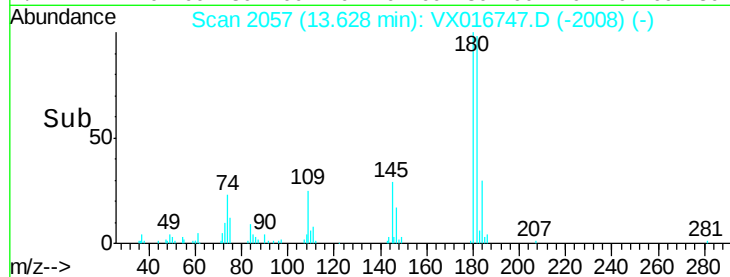
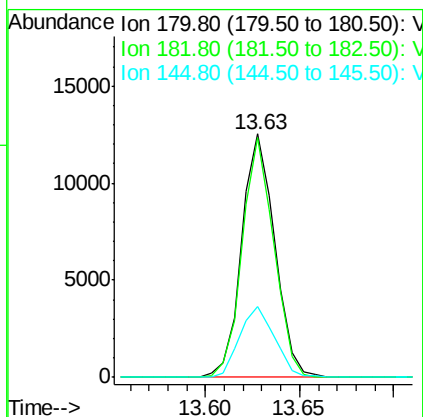
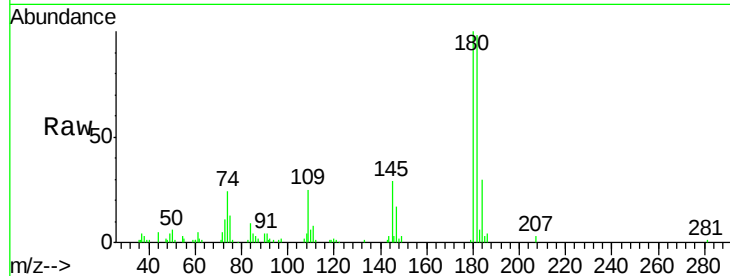




#93
 1,2,4-Trichlorobenzene
 Concen: 4.696 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

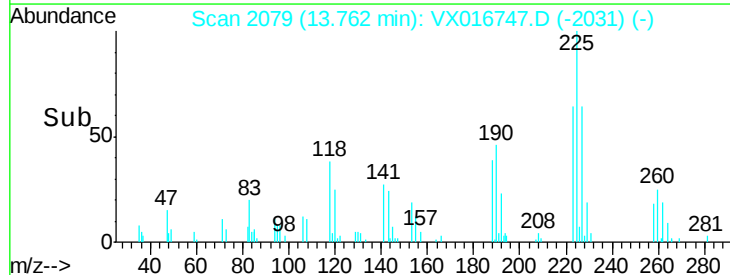
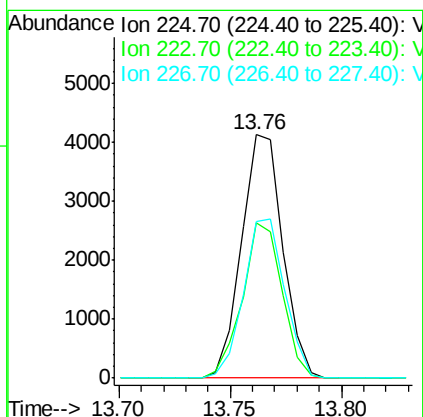
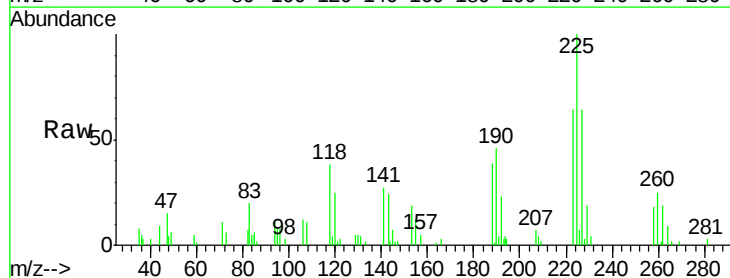
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

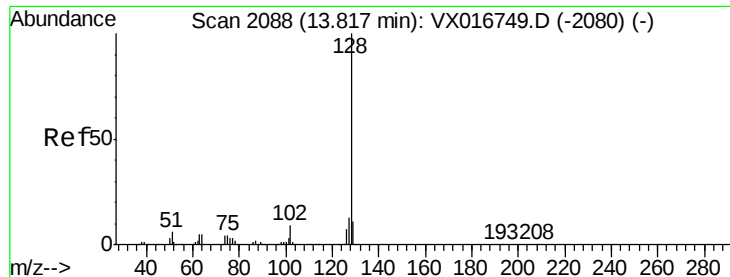
Tgt Ion:180 Resp: 15259
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.6 145.8
 145 30.4 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 4.045 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion:225 Resp: 5345
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.5
 227 65.2 30.9 92.7

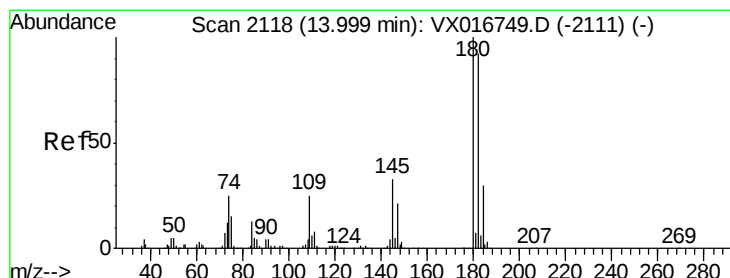
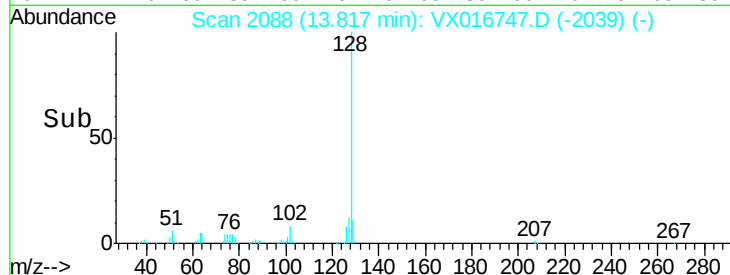
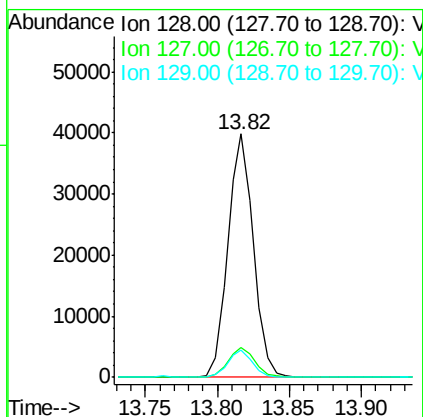
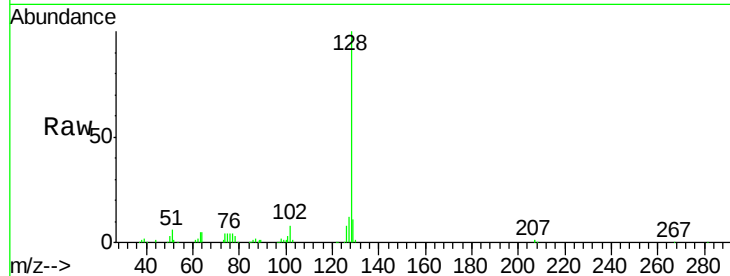




#95
Naphthalene
Concen: 4.476 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 49492
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.656 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion:180 Resp: 14946
Ion Ratio Lower Upper
180 100
182 97.7 47.1 141.4
145 32.3 15.9 47.7

