

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010900.D
 Acq On : 16 Jul 2019 10:06
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 17 04:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:02:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	220544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	147862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	12848	6.10	ug/l	0.00
Spiked Amount			Recovery	=	12.20%	
35) Dibromofluoromethane	5.50	113	11160	5.48	ug/l	0.00
Spiked Amount			Recovery	=	10.96%	
50) Toluene-d8	8.71	98	41290	5.31	ug/l	0.00
Spiked Amount			Recovery	=	10.62%	
62) 4-Bromofluorobenzene	11.13	95	13954	4.94	ug/l	0.00
Spiked Amount			Recovery	=	9.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	6534	3.896	ug/l	99
3) Chloromethane	1.33	50	8596	4.679	ug/l	98
4) Vinyl Chloride	1.41	62	9359	4.665	ug/l	99
5) Bromomethane	1.64	94	5940	5.974	ug/l	98
6) Chloroethane	1.71	64	5832	4.884	ug/l	93
7) Trichlorofluoromethane	1.93	101	16787	5.277	ug/l	99
8) Diethyl Ether	2.19	74	6055	5.384	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	9851	5.171	ug/l	97
10) Methyl Iodide	2.51	142	10107	3.771	ug/l	99
11) Tert butyl alcohol	3.05	59	17152	31.750	ug/l	99
12) 1,1-Dichloroethene	2.37	96	9146	4.737	ug/l	98
13) Acrolein	2.29	56	8847	25.079	ug/l	88
14) Allyl chloride	2.73	41	14054	5.139	ug/l	99
15) Acrylonitrile	3.14	53	27438	25.570	ug/l	98
16) Acetone	2.44	43	26576	25.808	ug/l	93
17) Carbon Disulfide	2.57	76	22265	4.325	ug/l	99
18) Methyl Acetate	2.78	43	12598	6.005	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	31382	5.187	ug/l	95
20) Methylene Chloride	2.85	84	11304	5.266	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	10066	4.870	ug/l	98
22) Diisopropyl ether	3.86	45	29850	5.215	ug/l	88
23) Vinyl Acetate	3.81	43	120395	24.383	ug/l	98
24) 1,1-Dichloroethane	3.70	63	17491	5.296	ug/l	97
25) 2-Butanone	4.68	43	38135	25.156	ug/l	95
26) 2,2-Dichloropropane	4.59	77	13376	4.680	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	12665	5.336	ug/l	96
28) Bromochloromethane	5.01	49	8393	5.322	ug/l	93
29) Tetrahydrofuran	5.13	42	24330	25.778	ug/l	99
30) Chloroform	5.21	83	18912	5.315	ug/l	100
31) Cyclohexane	5.57	56	16471	5.459	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	15267	4.859	ug/l	96
36) 1,1-Dichloropropene	5.80	75	13472	5.062	ug/l	94
37) Ethyl Acetate	4.84	43	13577	4.973	ug/l #	91
38) Carbon Tetrachloride	5.78	117	12582	4.405	ug/l	100

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 17 04:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:02:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	17777	5.100	ug/l	96
40) Benzene	6.15	78	41641	5.056	ug/l	99
41) Methacrylonitrile	5.05	41	7354	4.935	ug/l	95
42) 1,2-Dichloroethane	6.20	62	14698	5.779	ug/l	99
43) Isopropyl Acetate	6.45	43	21499	4.776	ug/l	96
44) Trichloroethene	7.21	130	12544	5.101	ug/l	98
45) 1,2-Dichloropropane	7.51	63	11036	5.301	ug/l	90
46) Dibromomethane	7.66	93	7294	4.880	ug/l	96
47) Bromodichloromethane	7.90	83	12159	4.462	ug/l	97
48) Methyl methacrylate	7.77	41	10219	4.870	ug/l	97
49) 1,4-Dioxane	7.74	88	6316	104.624	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	74575	25.796	ug/l	99
52) Toluene	8.78	92	27907	5.148	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	12248	4.018	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	14587	4.390	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	11127	4.990	ug/l	96
56) Ethyl methacrylate	9.18	69	15156	4.486	ug/l	94
57) 1,3-Dichloropropane	9.37	76	18071	5.199	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	39465	24.682	ug/l	100
59) 2-Hexanone	9.49	43	56761	24.946	ug/l	99
60) Dibromochloromethane	9.58	129	9582	3.863	ug/l	96
61) 1,2-Dibromoethane	9.67	107	11404	4.731	ug/l	98
64) Tetrachloroethene	9.34	164	12206	5.018	ug/l	96
65) Chlorobenzene	10.13	112	31199	5.099	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	10113	4.540	ug/l	97
67) Ethyl Benzene	10.25	91	52065	5.012	ug/l	99
68) m/p-Xylenes	10.36	106	41020	10.216	ug/l	96
69) o-Xylene	10.69	106	19844	5.020	ug/l	97
70) Styrene	10.71	104	31529	4.757	ug/l	99
71) Bromoform	10.85	173	6770	3.555	ug/l #	94
73) Isopropylbenzene	11.02	105	53147	5.313	ug/l	100
74) N-amyl acetate	10.90	43	18297	4.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	17111	5.171	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	16792	6.244	ug/l	87
77) Bromobenzene	11.25	156	13977	5.014	ug/l	99
78) n-propylbenzene	11.36	91	55279	5.023	ug/l	99
79) 2-Chlorotoluene	11.42	91	33409	5.091	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	41689	5.041	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	3775	3.379	ug/l #	81
82) 4-Chlorotoluene	11.51	91	40004	5.351	ug/l	99
83) tert-Butylbenzene	11.77	119	42369	5.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	42675	5.144	ug/l	99
85) sec-Butylbenzene	11.94	105	48856	5.026	ug/l	98
86) p-Isopropyltoluene	12.06	119	44488	4.947	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	24412	5.008	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	24847	5.001	ug/l	95
89) n-Butylbenzene	12.38	91	35955	4.697	ug/l	99
90) Hexachloroethane	12.59	117	5848	3.836	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	25404	5.241	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2844	3.968	ug/l	97

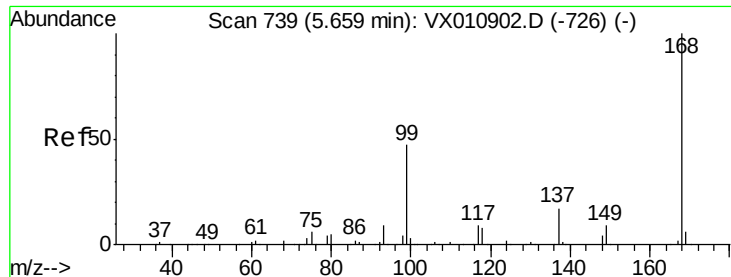
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
Data File : VX010900.D
Acq On : 16 Jul 2019 10:06
Operator : JC/SP
Sample : VSTDICC005
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 17 04:08:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:02:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	15443	4.610	ug/l	98
94) Hexachlorobutadiene	13.78	225	7817	4.784	ug/l	97
95) Naphthalene	13.83	128	43398	4.243	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	15030	4.523	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

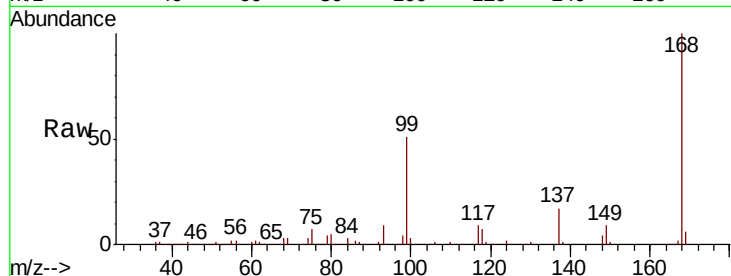
VSTDIC005

Tot Ion:168 Resp: 220544

Ion Ratio Lower Upper

168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

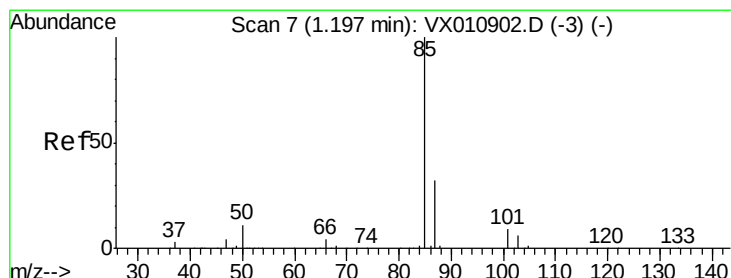
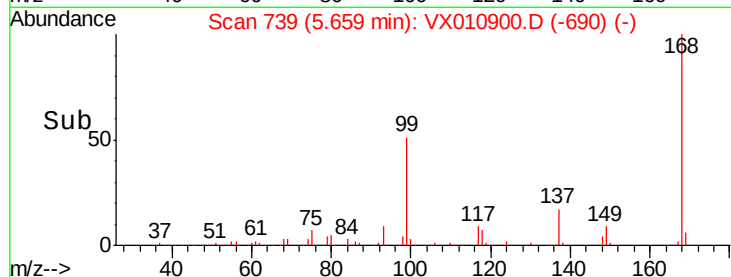
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 3.896 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010900.D

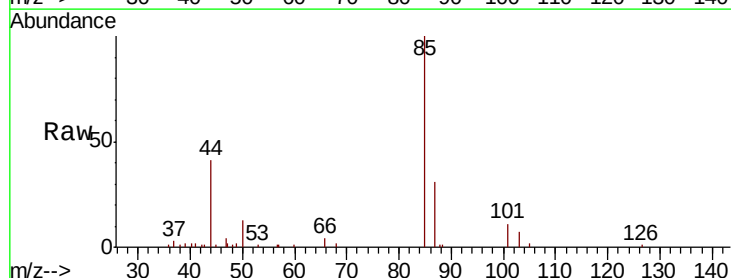
Acq: 16 Jul 2019 10:06

Tgt Ion: 85 Resp: 6534

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

6000

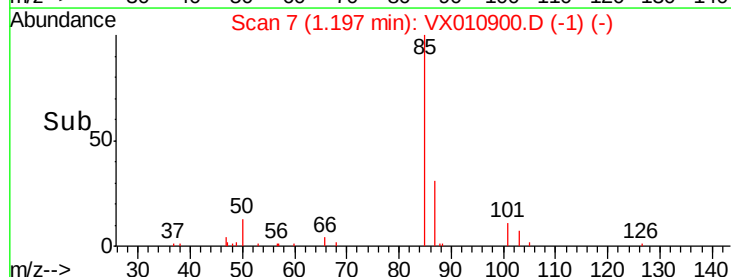
4000

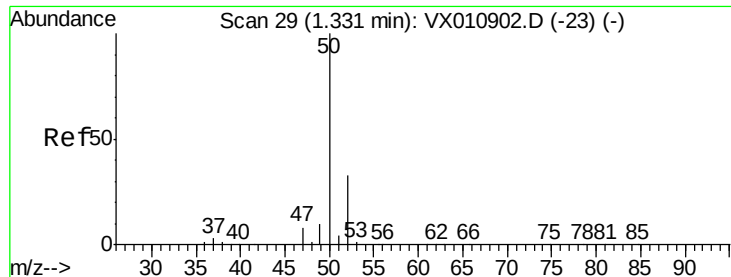
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 4.679 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

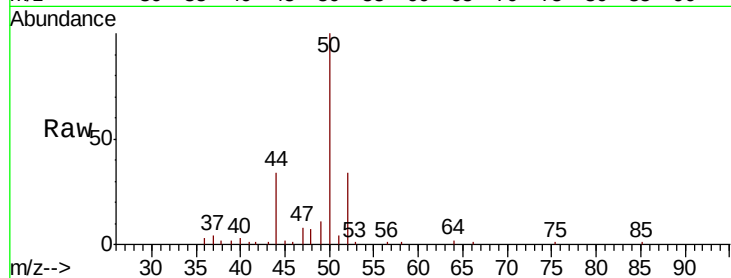
VSTDIC005

Tot Ion: 50 Resp: 8596

Ion Ratio Lower Upper

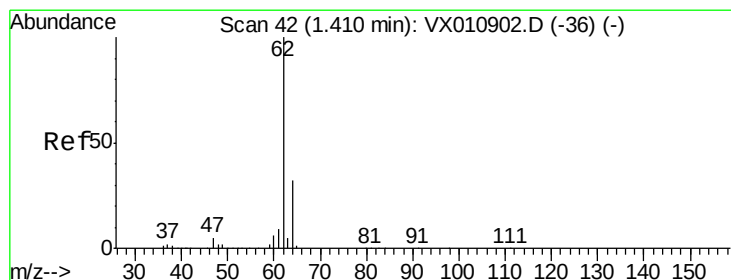
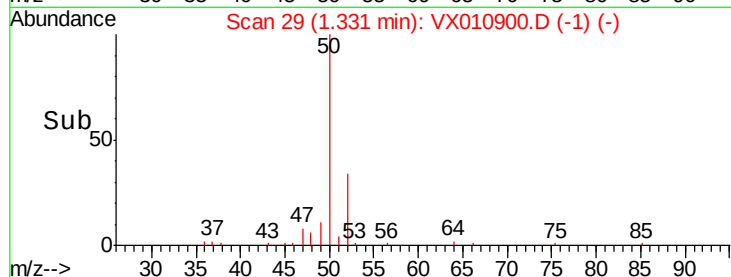
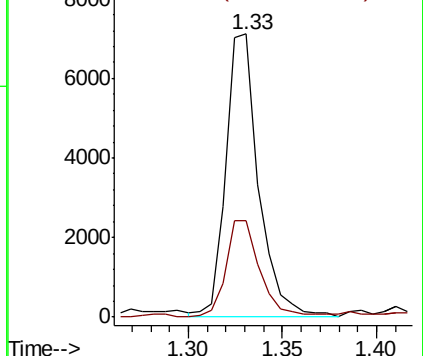
50 100

52 34.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.665 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010900.D

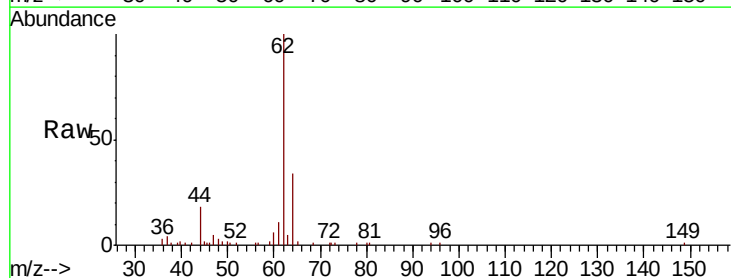
Acq: 16 Jul 2019 10:06

Tgt Ion: 62 Resp: 9359

Ion Ratio Lower Upper

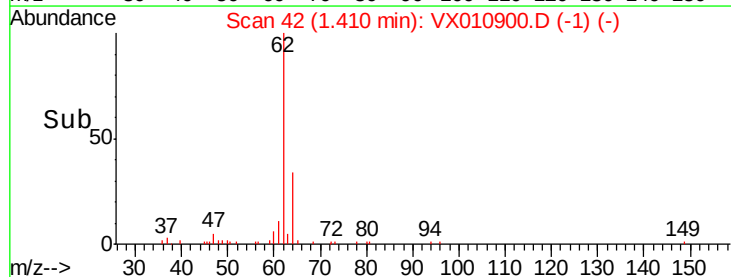
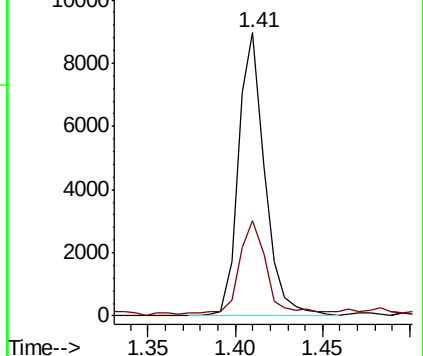
62 100

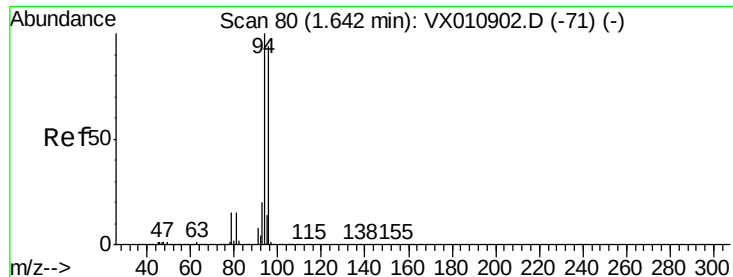
64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.974 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

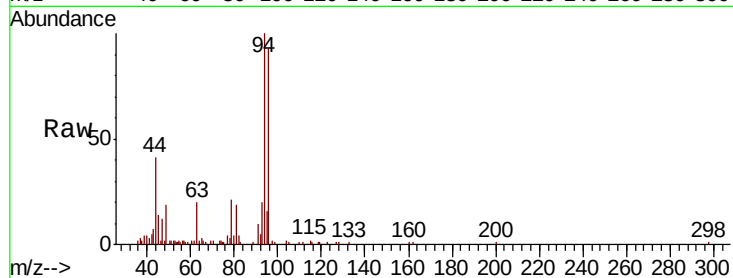
VSTDIC005

Tot Ion: 94 Resp: 5940

Ion Ratio Lower Upper

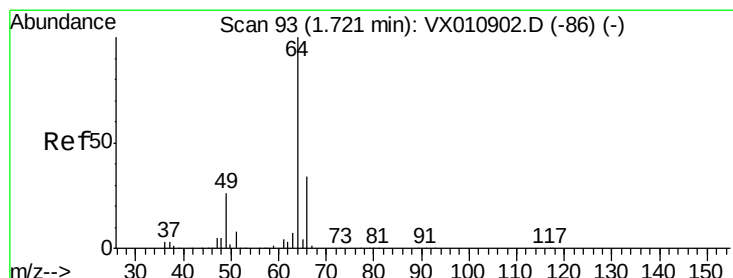
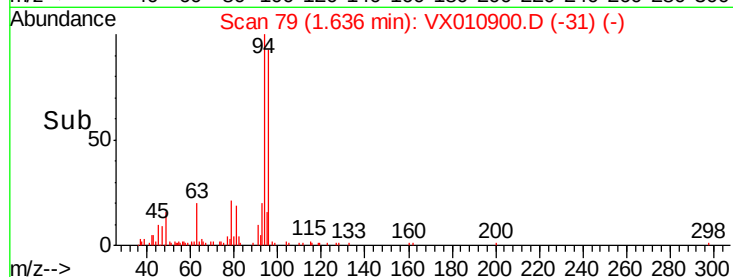
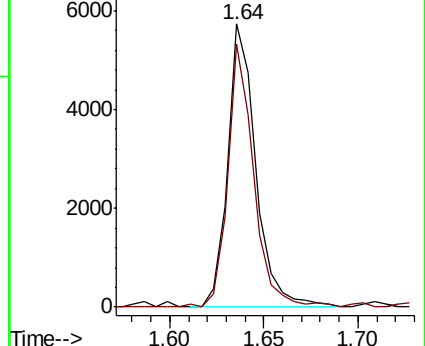
94 100

96 92.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.884 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010900.D

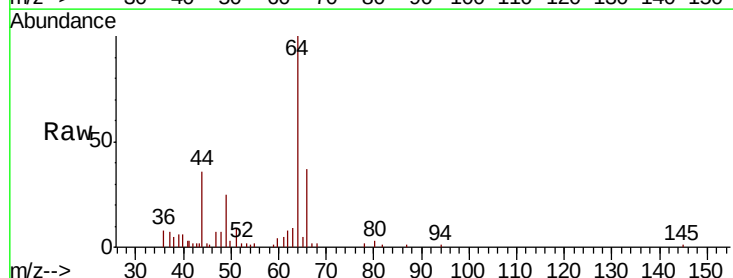
Acq: 16 Jul 2019 10:06

Tgt Ion: 64 Resp: 5832

Ion Ratio Lower Upper

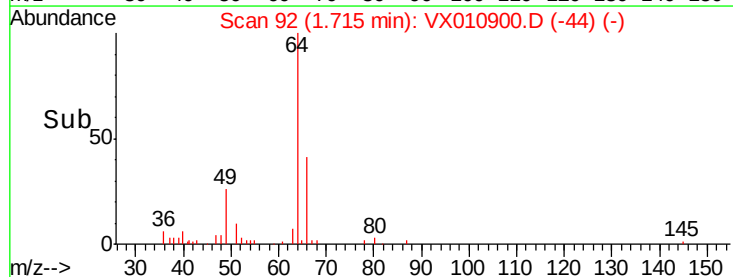
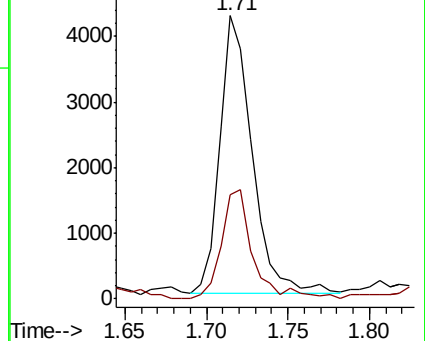
64 100

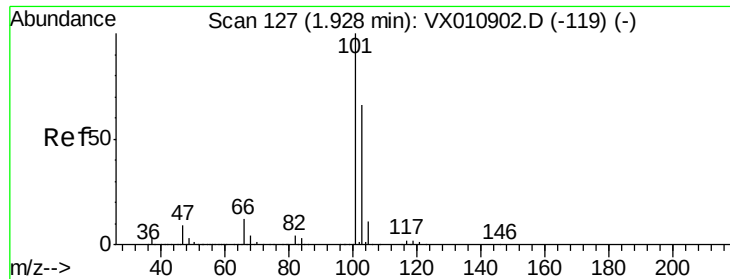
66 37.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



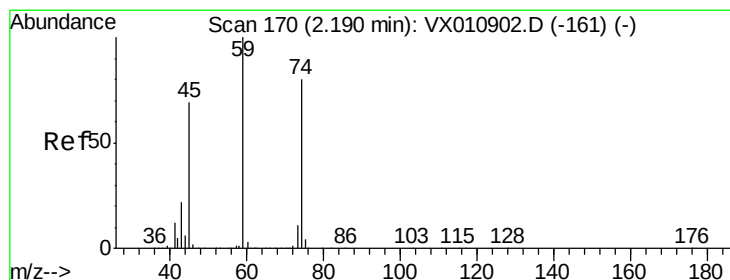
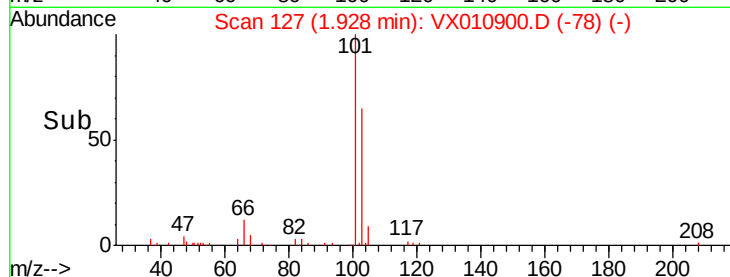
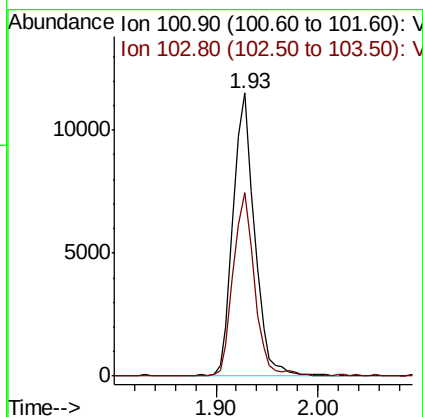
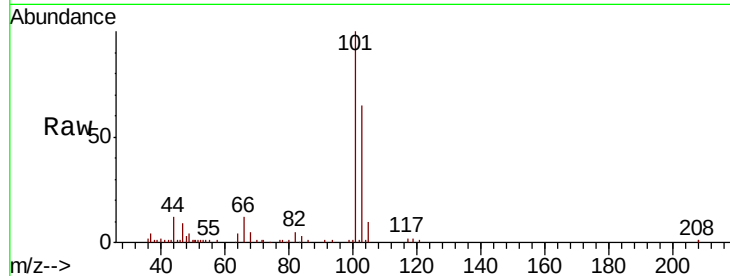


#7

Trichlorofluoromethane
 Concen: 5.277 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

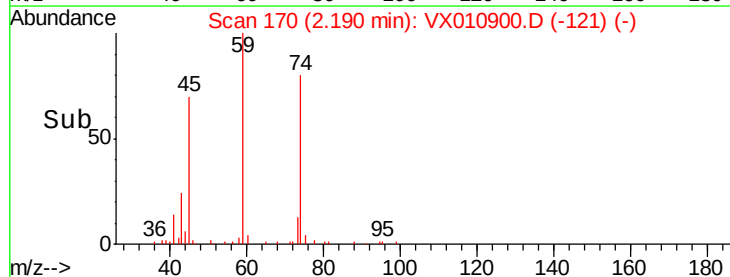
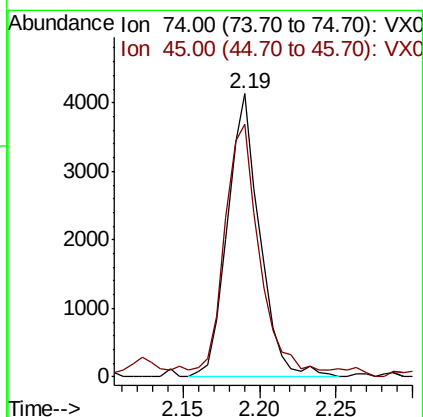
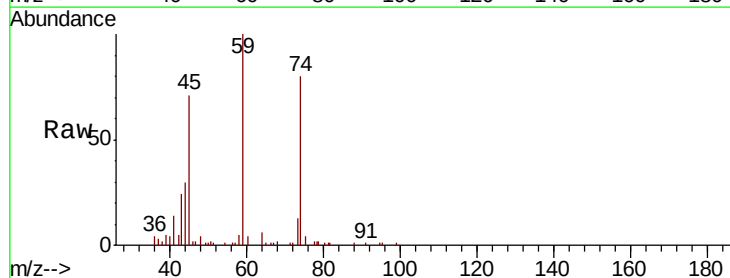
Tot Ion:101 Resp: 16787
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

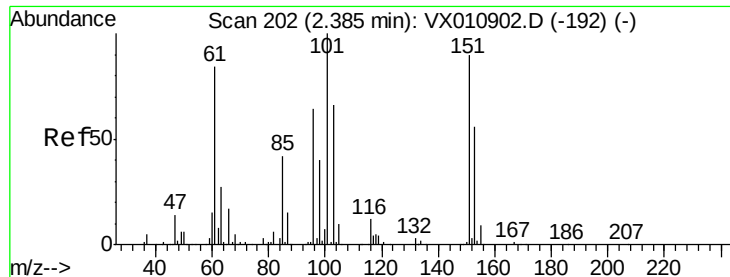


#8

Diethyl Ether
 Concen: 5.384 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion: 74 Resp: 6055
 Ion Ratio Lower Upper
 74 100
 45 90.3 45.5 136.5

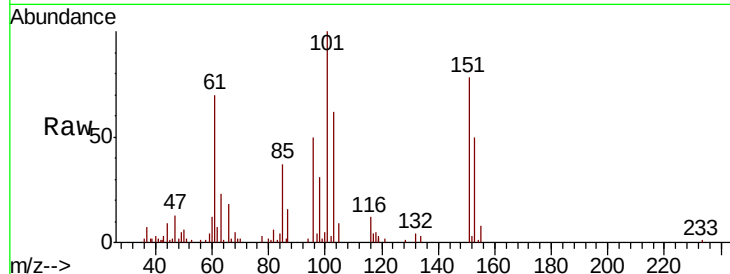




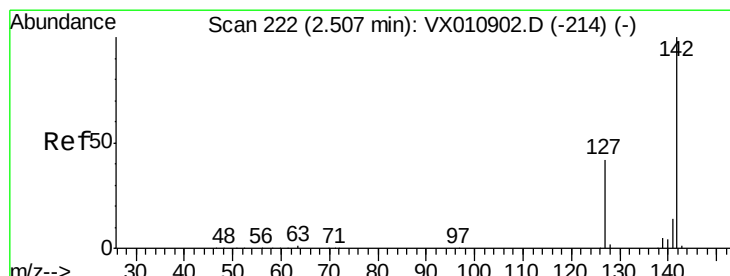
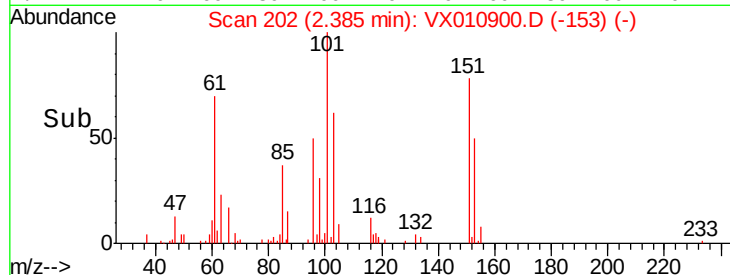
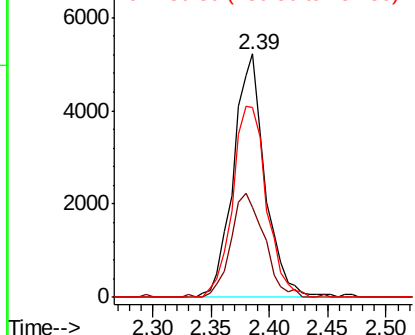
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.171 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:101 Resp: 9851
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.6 52.0
 151 84.3 69.6 104.4

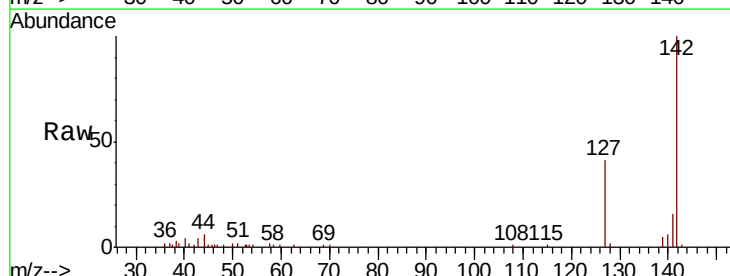


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

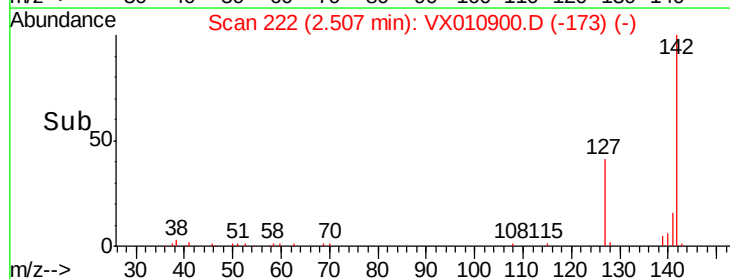
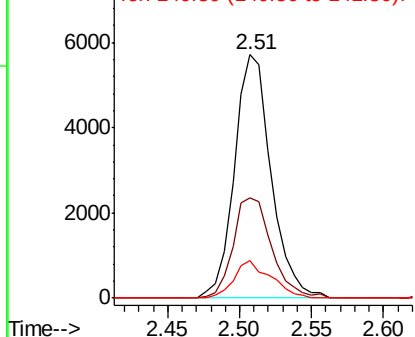


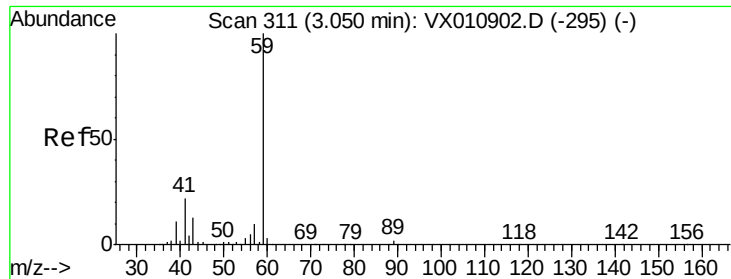
#10
 Methyl Iodide
 Concen: 3.771 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion:142 Resp: 10107
 Ion Ratio Lower Upper
 142 100
 127 43.3 34.2 51.4
 141 15.7 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: 31.750 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

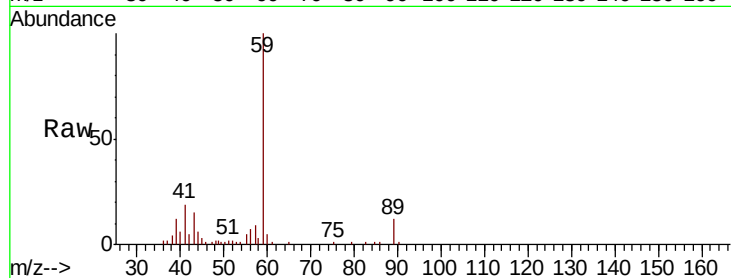
VSTDIC005

Tot Ion: 59 Resp: 17152

Ion Ratio Lower Upper

59 100

57 9.4 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

6000

5000

4000

3000

2000

1000

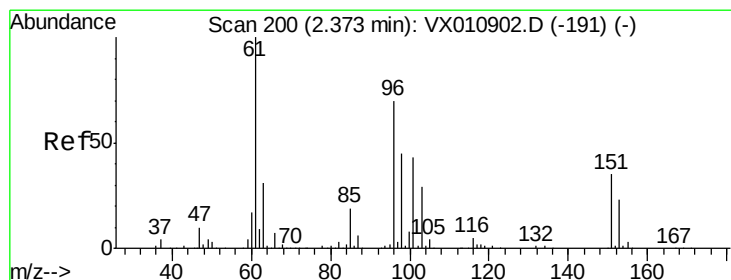
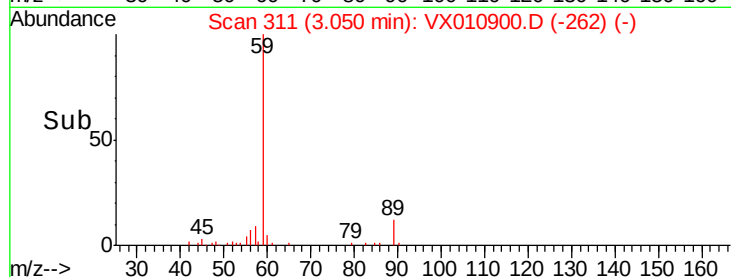
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 4.737 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

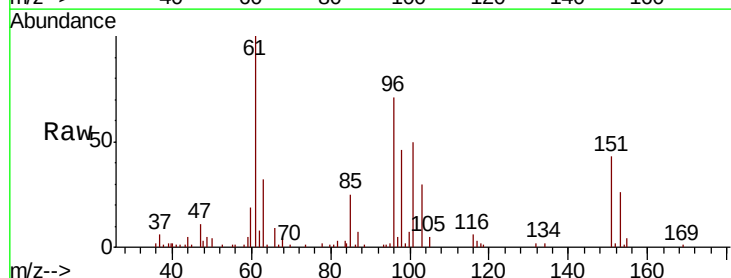
Tgt Ion: 96 Resp: 9146

Ion Ratio Lower Upper

96 100

61 140.7 115.0 172.4

98 64.5 52.2 78.2



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

10000

8000

6000

4000

2000

0

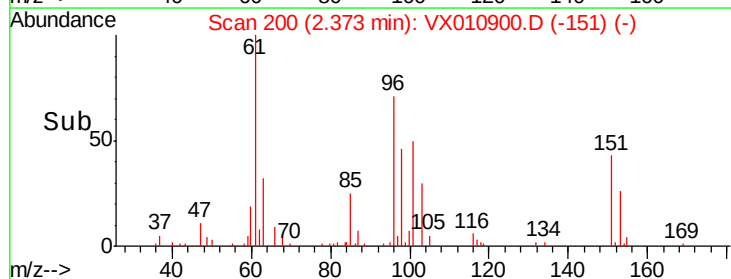
Time-->

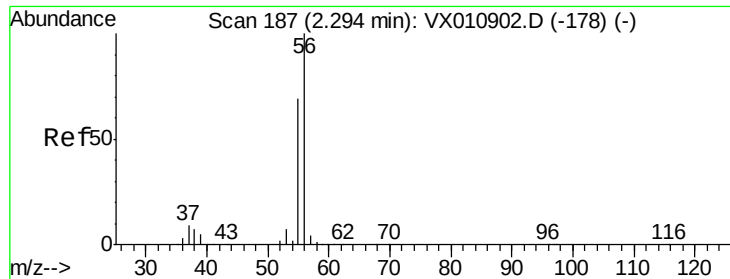
2.30

2.35

2.40

2.45





#13

Acrolein

Concen: 25.079 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

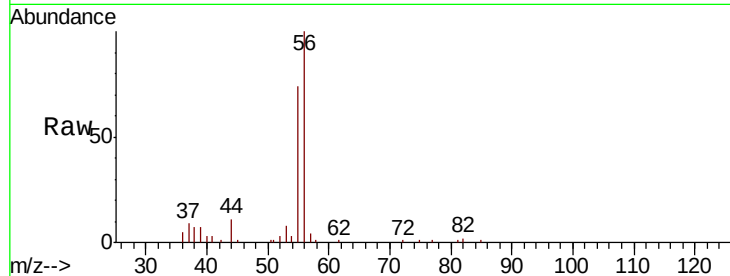
VSTDIC005

Tot Ion: 56 Resp: 8847

Ion Ratio Lower Upper

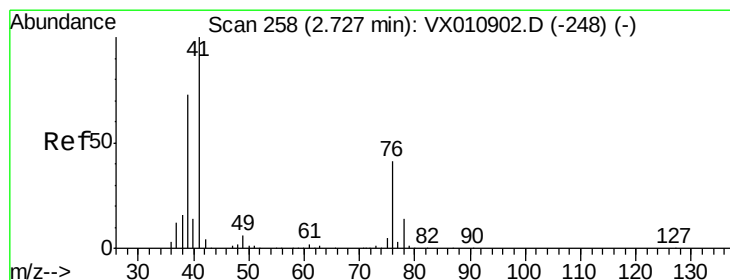
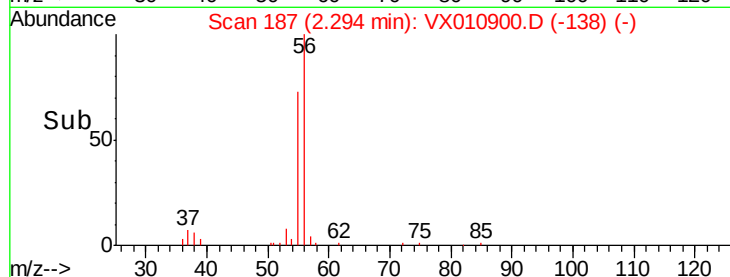
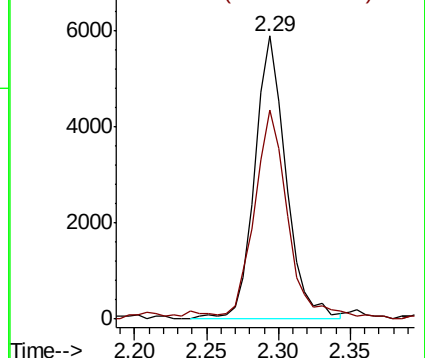
56 100

55 79.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.139 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

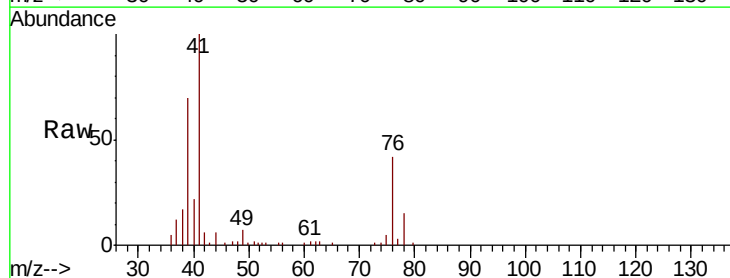
Tgt Ion: 41 Resp: 14054

Ion Ratio Lower Upper

41 100

39 65.3 53.6 80.4

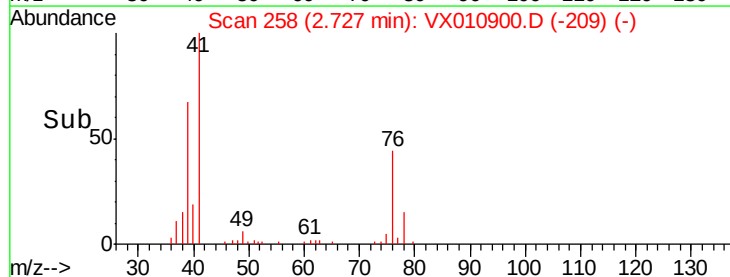
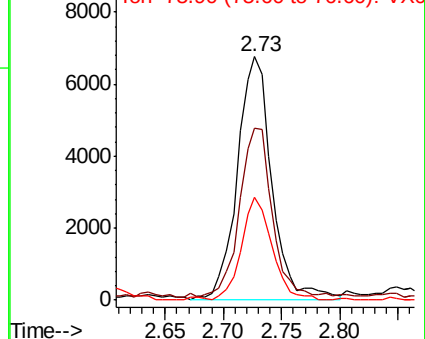
76 37.3 29.7 44.5

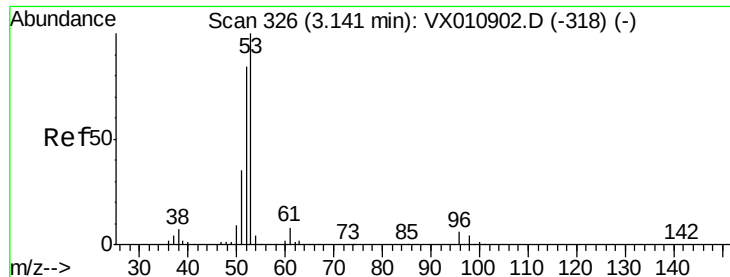


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 25.570 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

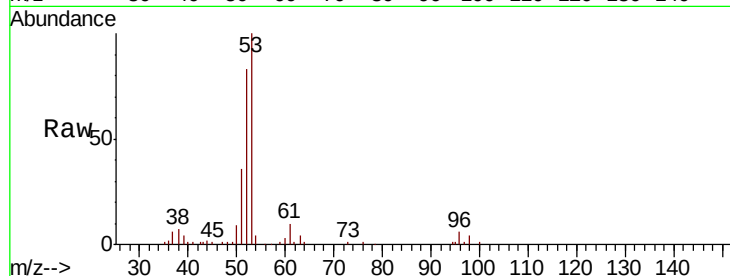
Tot Ion: 53 Resp: 27438

Ion Ratio Lower Upper

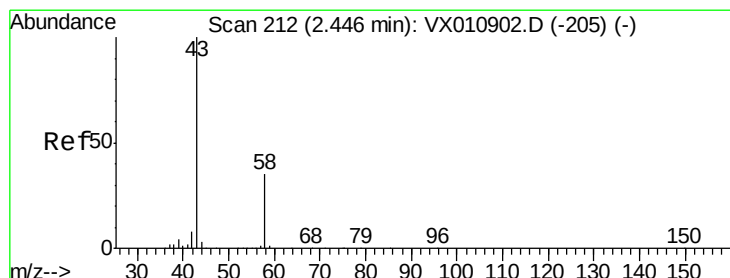
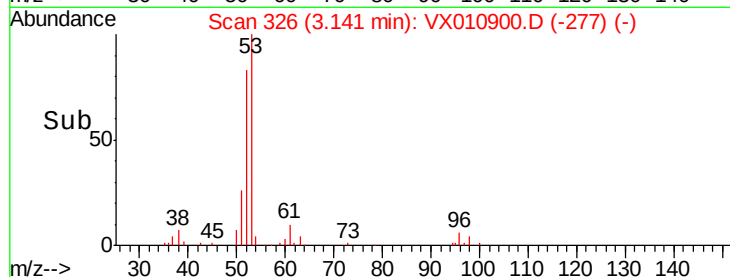
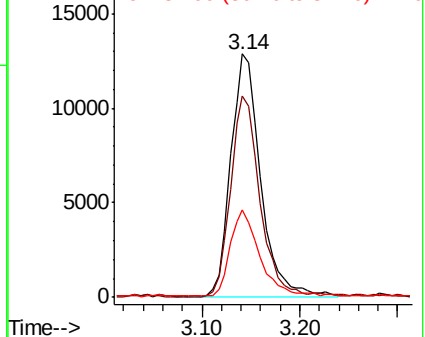
53 100

52 80.6 66.5 99.7

51 34.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 25.808 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010900.D

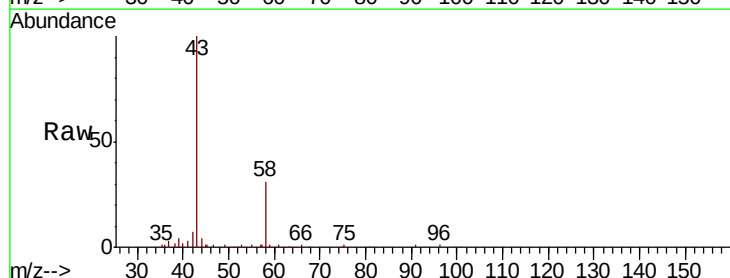
Acq: 16 Jul 2019 10:06

Tgt Ion: 43 Resp: 26576

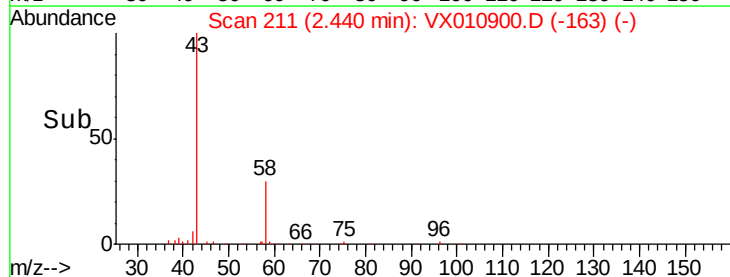
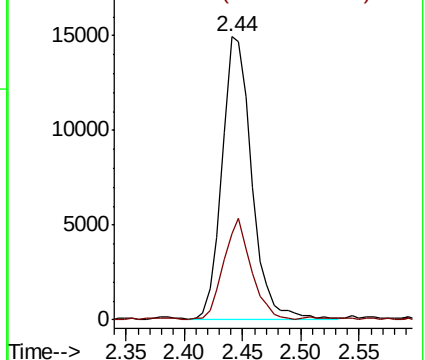
Ion Ratio Lower Upper

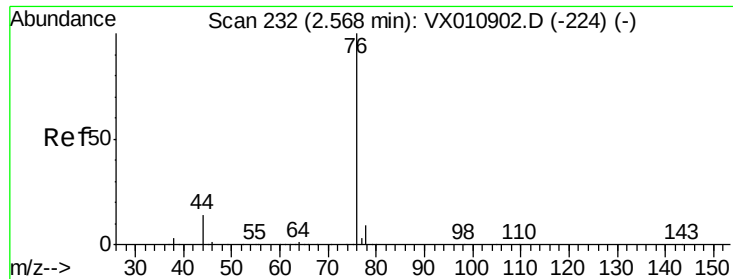
43 100

58 30.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

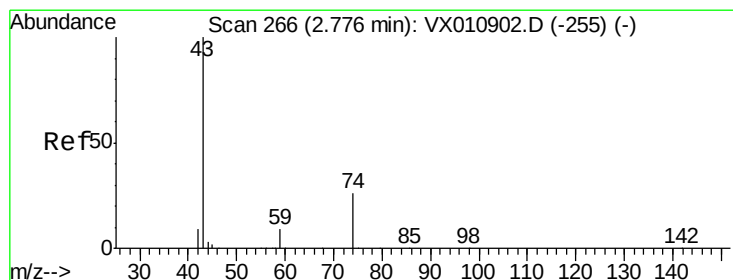
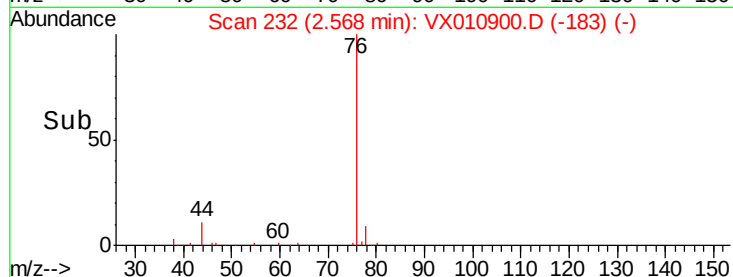
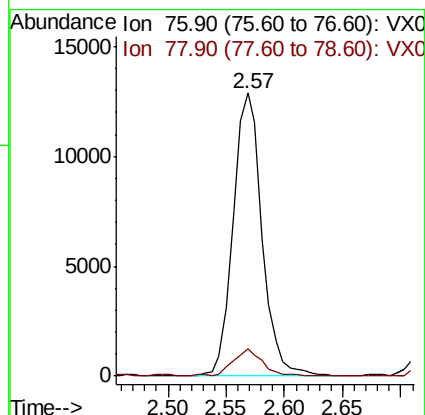
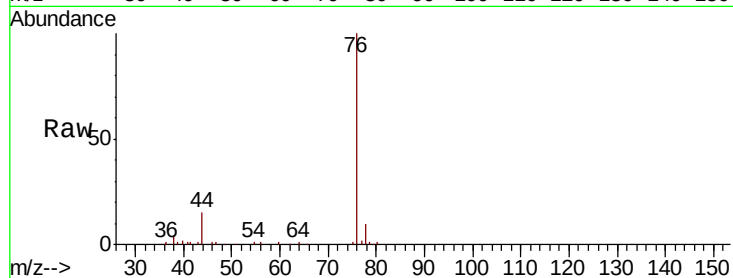




#17
Carbon Disulfide
Concen: 4.325 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

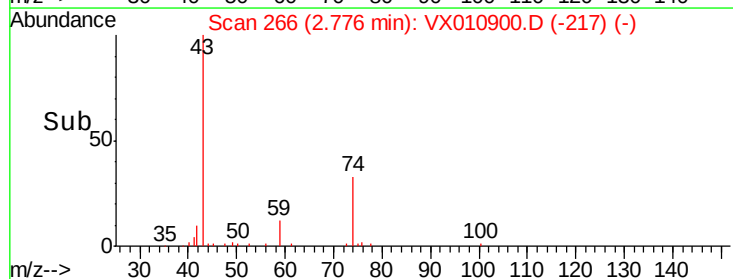
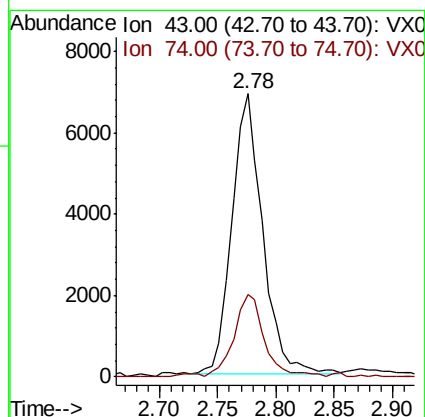
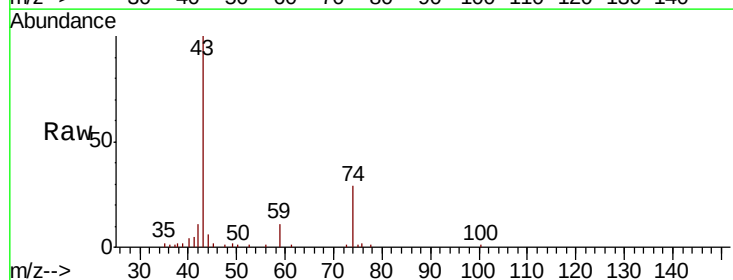
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

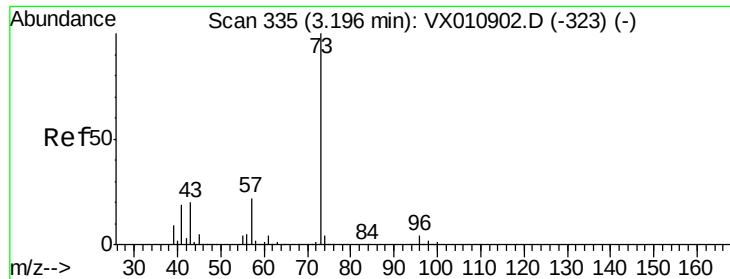
Tot Ion: 76 Resp: 22265
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 6.005 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 43 Resp: 12598
Ion Ratio Lower Upper
43 100
74 29.1 21.5 32.3

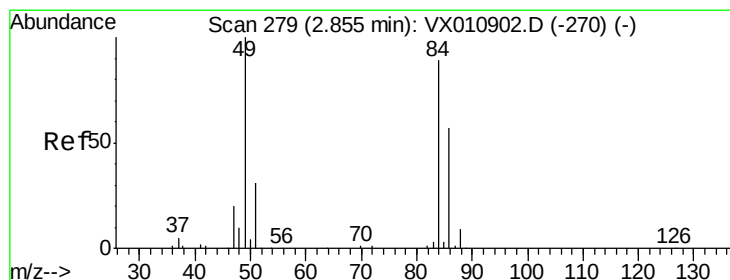
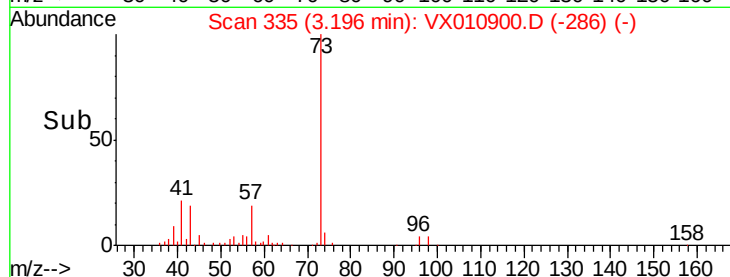
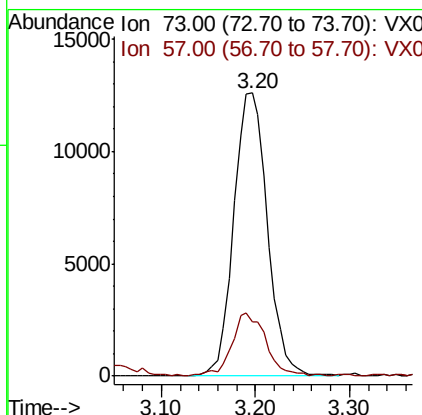
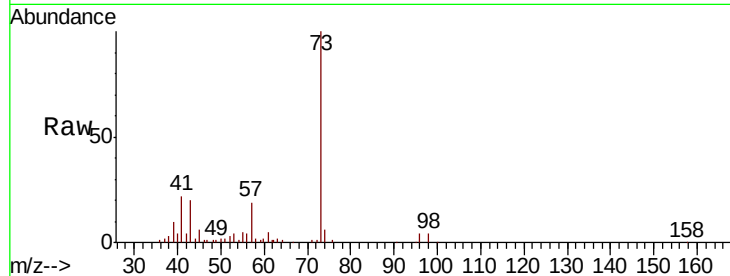




#19
Methyl tert-butyl Ether
Concen: 5.187 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

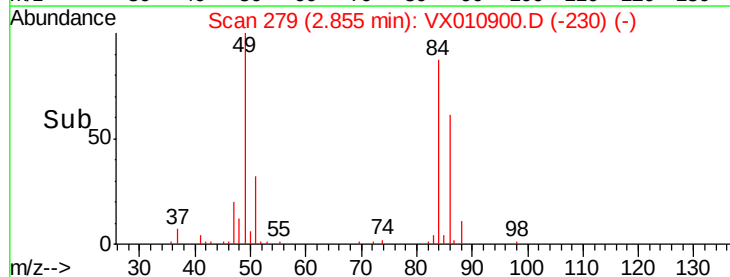
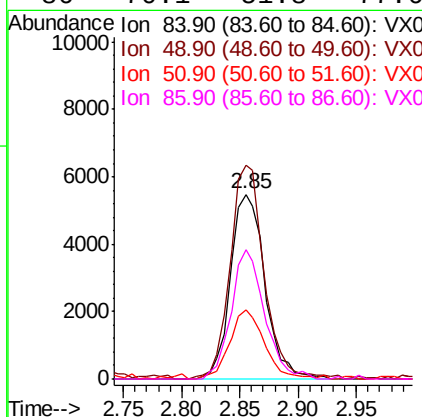
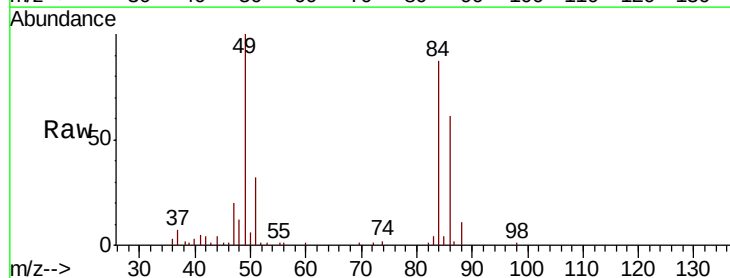
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

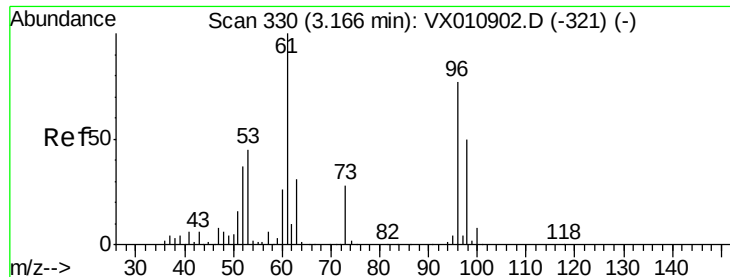
Tot Ion: 73 Resp: 31382
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9



#20
Methylene Chloride
Concen: 5.266 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 84 Resp: 11304
Ion Ratio Lower Upper
84 100
49 115.6 89.9 134.9
51 37.4 27.8 41.6
86 70.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 4.870 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

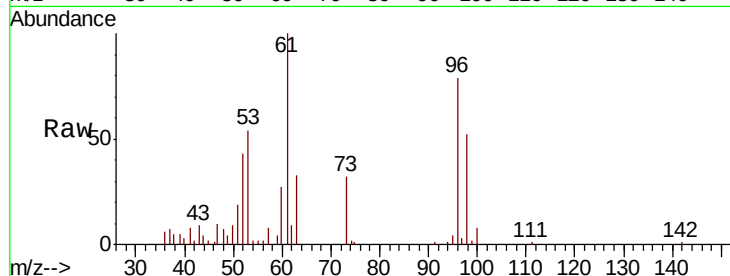
Tot Ion: 96 Resp: 10066

Ion Ratio Lower Upper

96 100

61 127.4 104.2 156.2

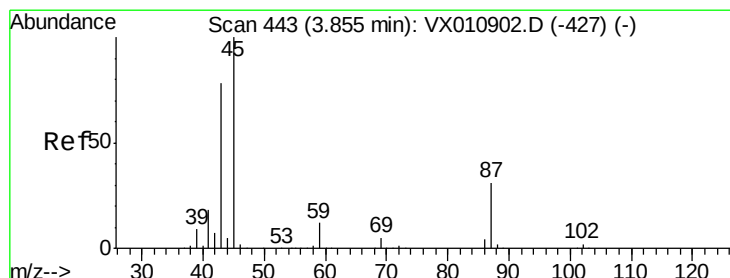
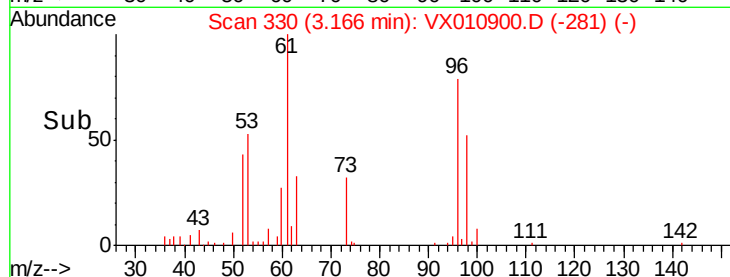
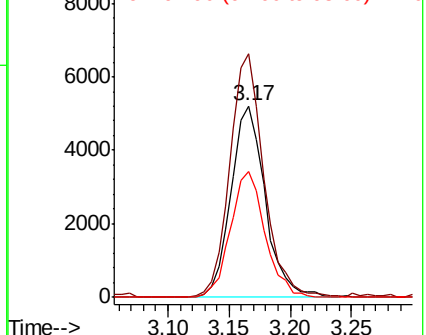
98 65.9 52.2 78.4



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: 5.215 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Tgt Ion: 45 Resp: 29850

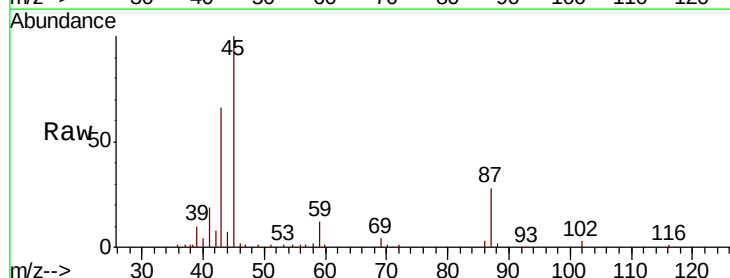
Ion Ratio Lower Upper

45 100

43 63.9 62.3 93.5

87 28.1 25.0 37.4

59 11.7 9.9 14.9

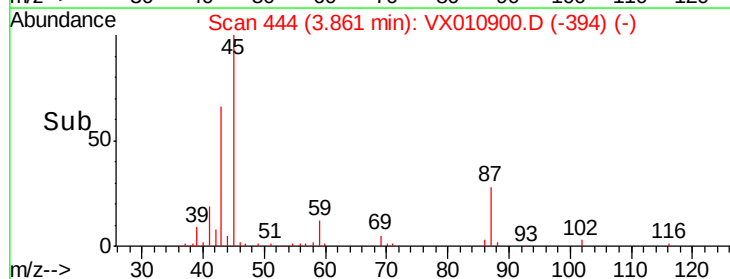
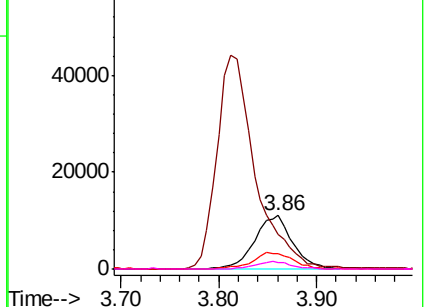


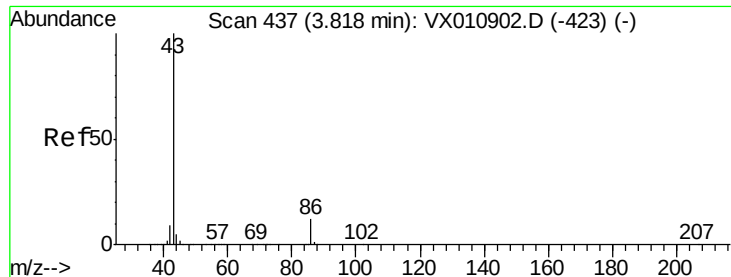
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 24.383 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

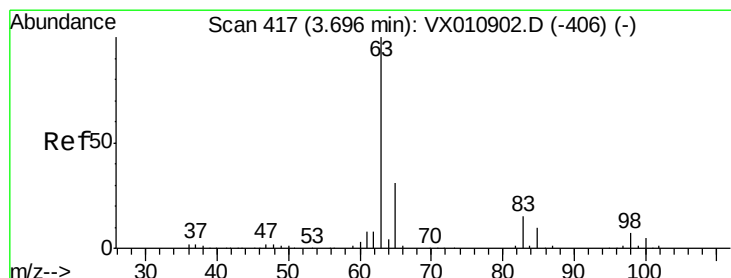
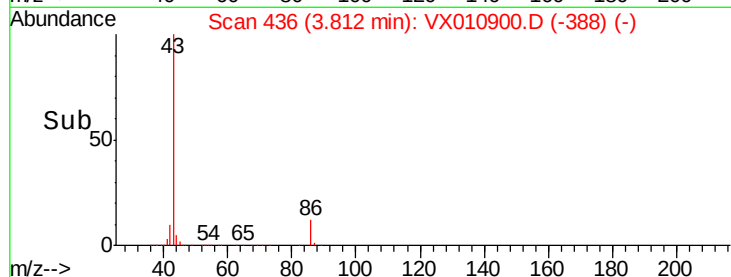
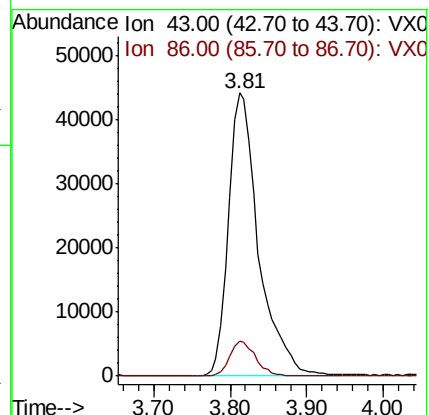
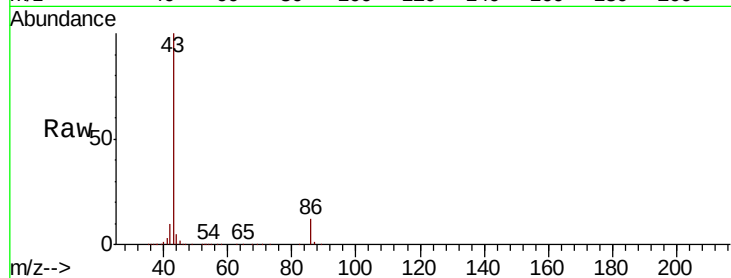
VSTDIC005

Tot Ion: 43 Resp: 120395

Ion Ratio Lower Upper

43 100

86 12.3 9.4 14.0



#24

1,1-Dichloroethane

Concen: 5.296 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

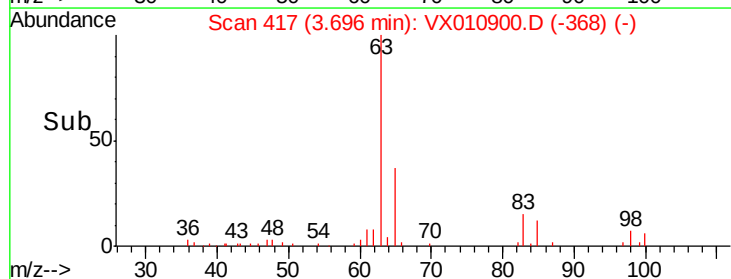
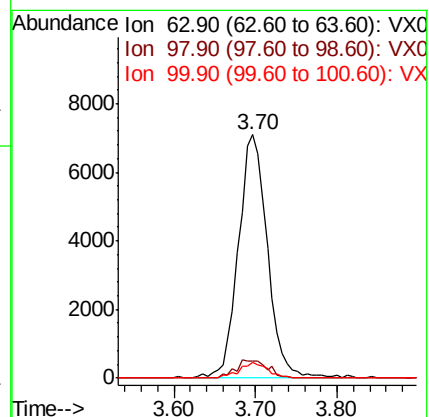
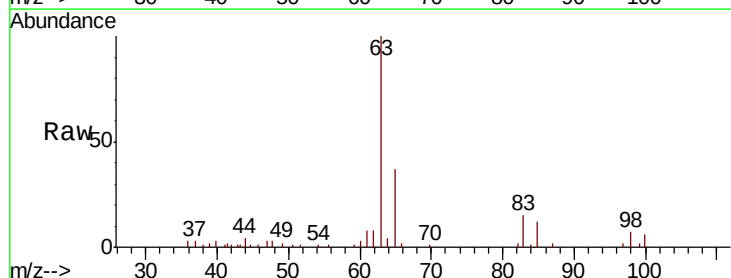
Tgt Ion: 63 Resp: 17491

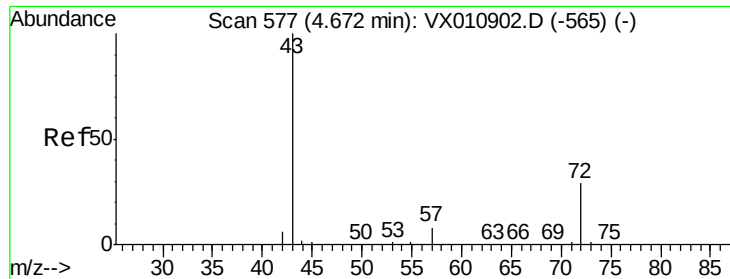
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 6.4 2.4 7.2





#25

2-Butanone

Concen: 25.156 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampled :

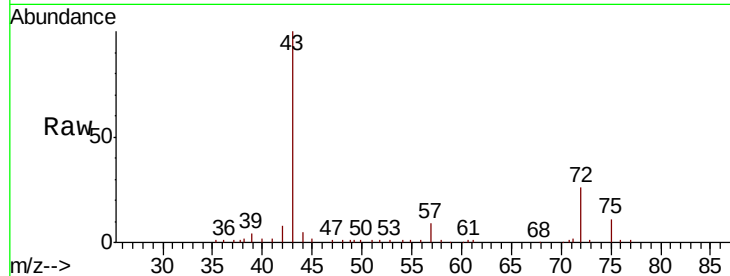
VSTDIC005

Tot Ion: 43 Resp: 38135

Ion Ratio Lower Upper

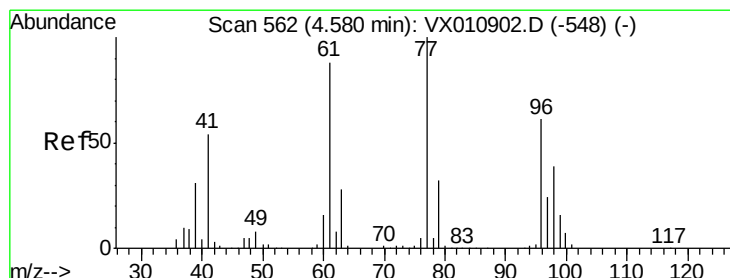
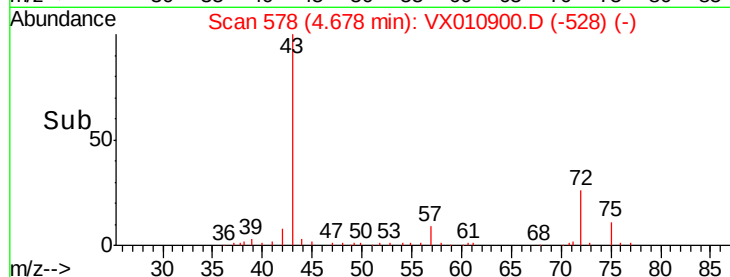
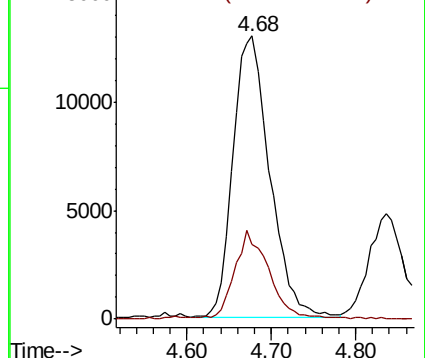
43 100

72 25.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.680 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010900.D

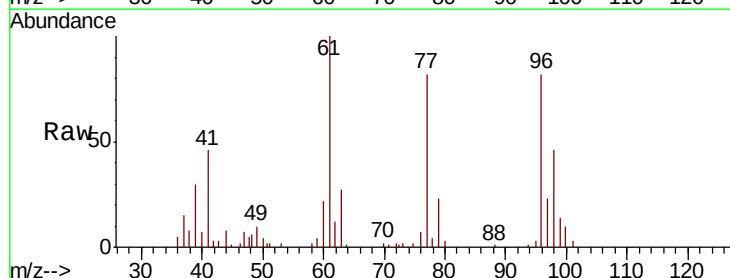
Acq: 16 Jul 2019 10:06

Tgt Ion: 77 Resp: 13376

Ion Ratio Lower Upper

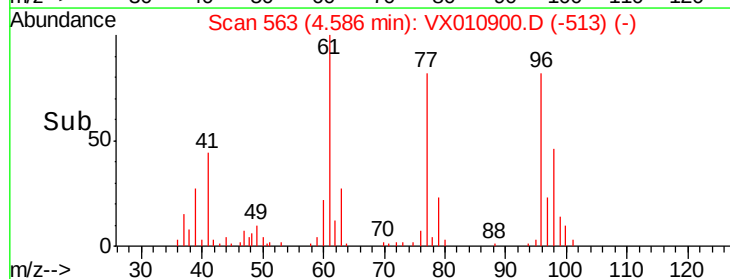
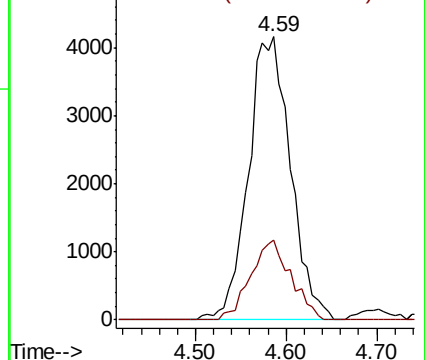
77 100

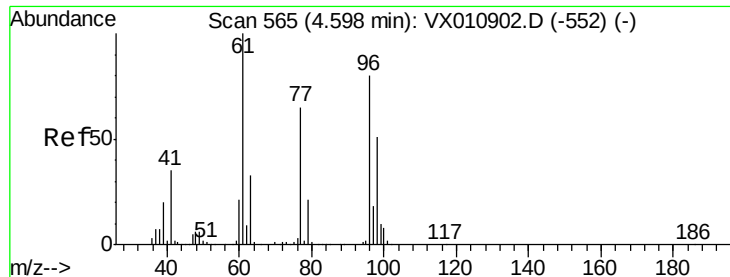
97 27.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



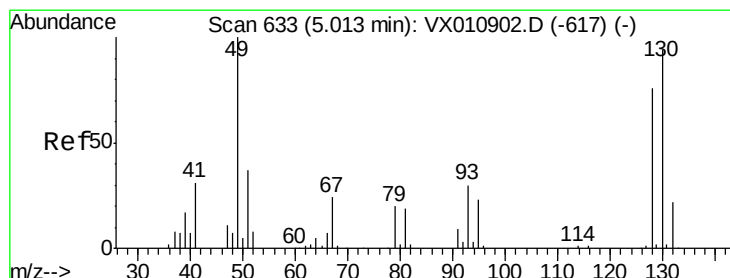
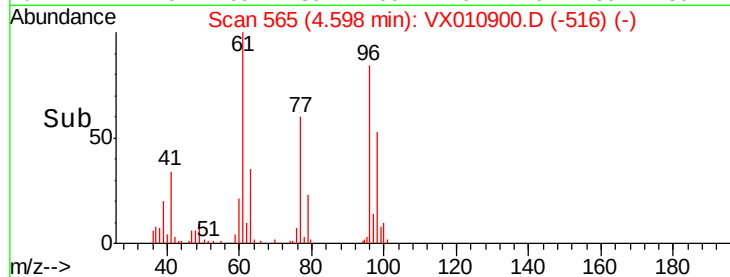
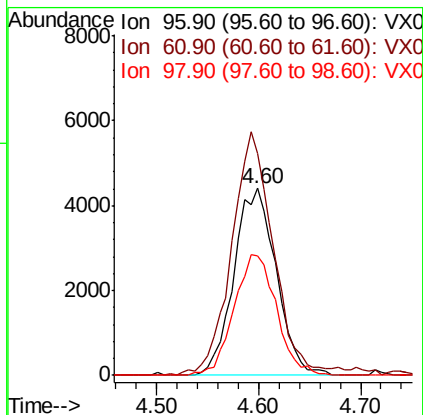
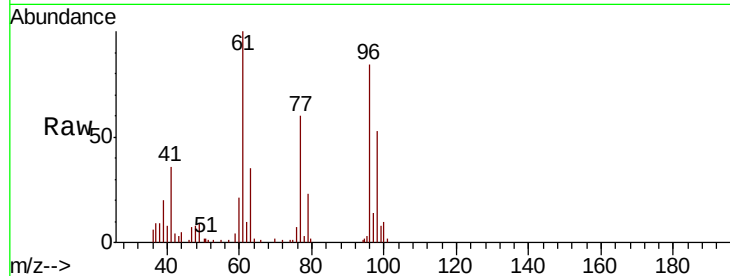


#27

cis-1,2-Dichloroethene
Concen: 5.336 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

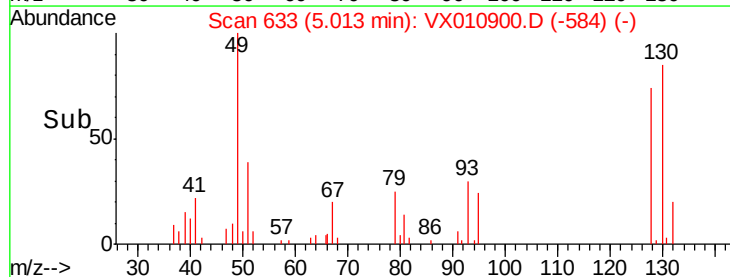
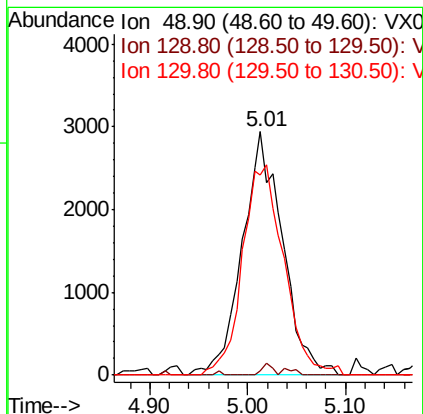
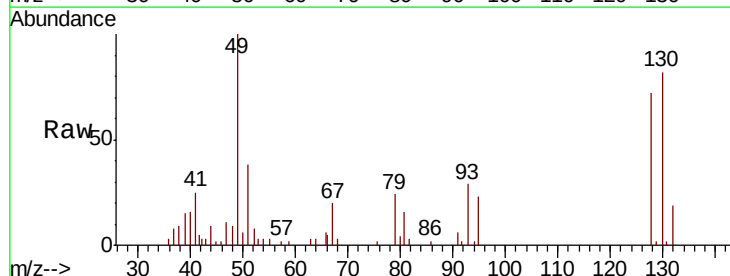
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	269.0
98	64.8	0.0	131.4

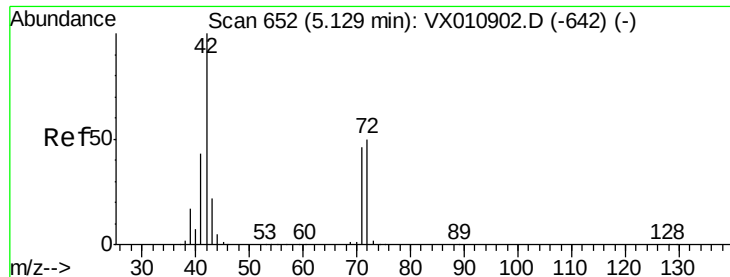


#28

Bromochloromethane
Concen: 5.322 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.2
130	89.2	76.9	115.3





#29

Tetrahydrofuran

Concen: 25.778 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

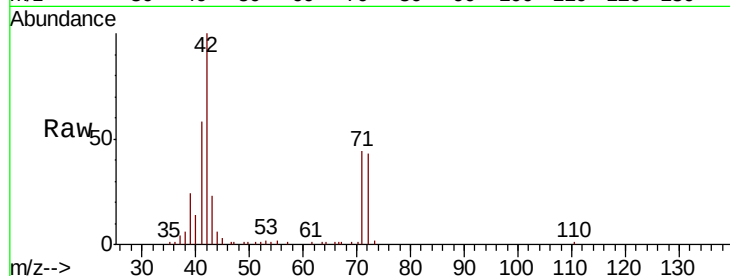
Tot Ion: 42 Resp: 24330

Ion Ratio Lower Upper

42 100

72 49.5 39.8 59.8

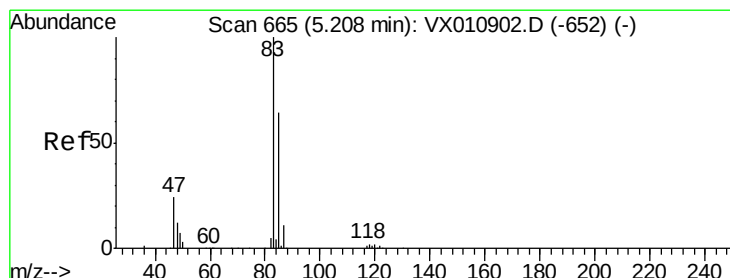
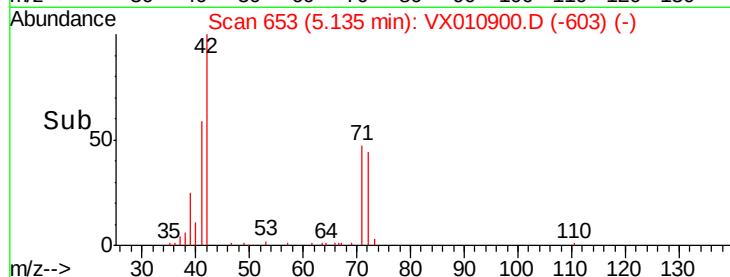
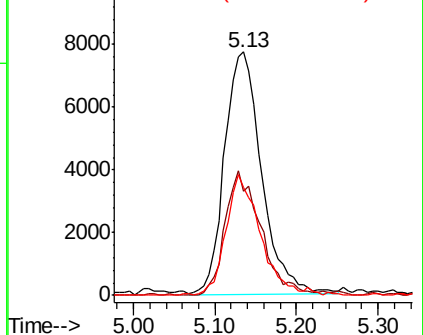
71 45.5 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.315 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010900.D

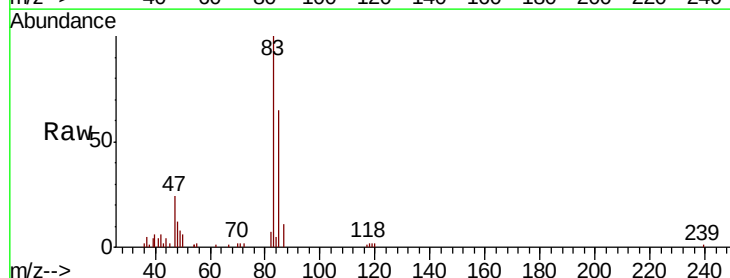
Acq: 16 Jul 2019 10:06

Tgt Ion: 83 Resp: 18912

Ion Ratio Lower Upper

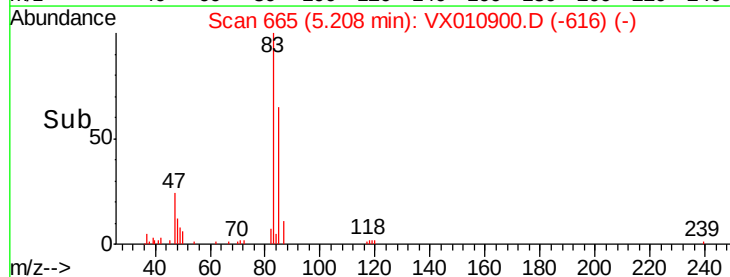
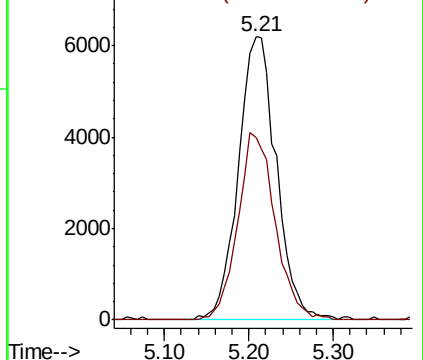
83 100

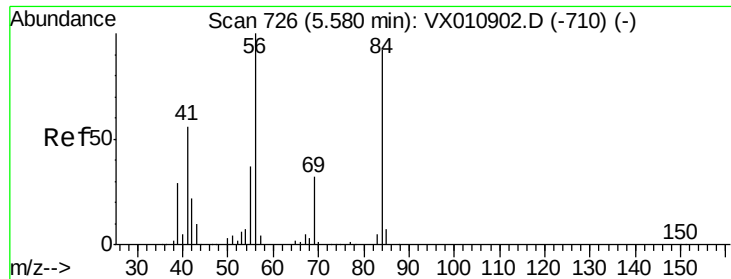
85 64.6 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

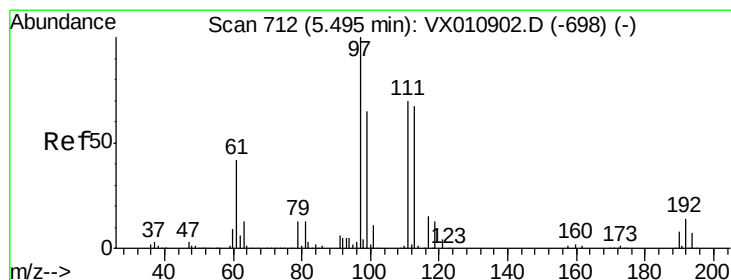
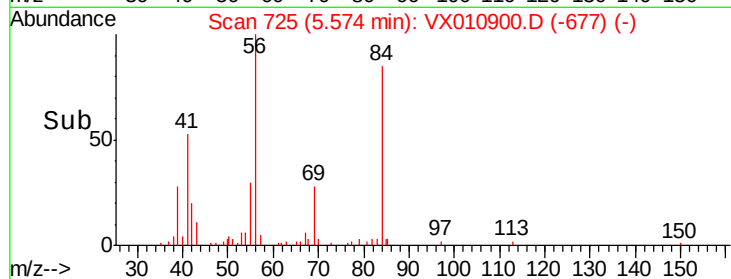
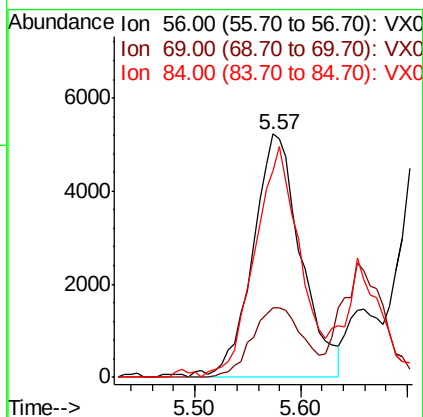
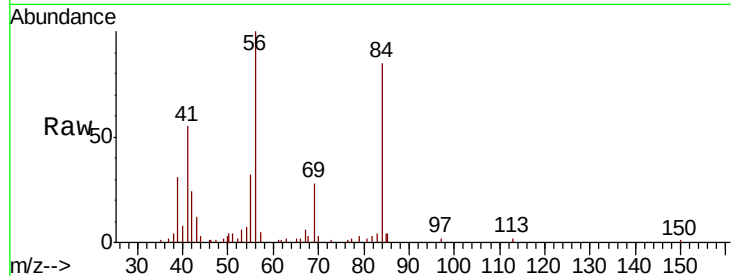




#31
Cyclohexane
Concen: 5.459 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

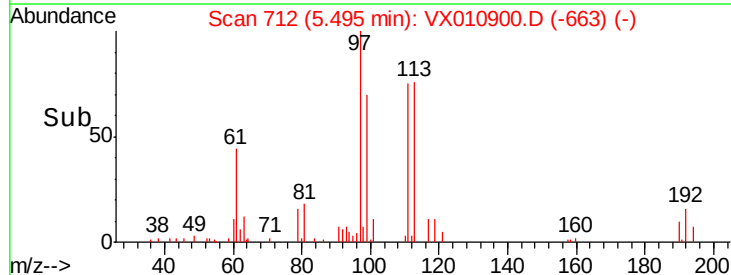
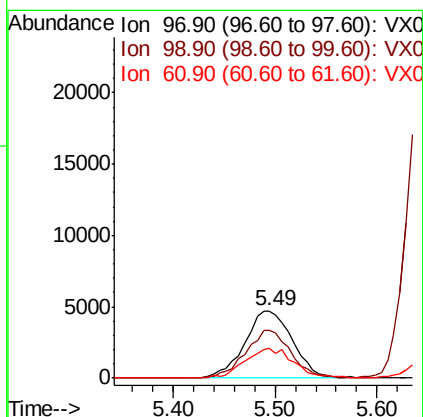
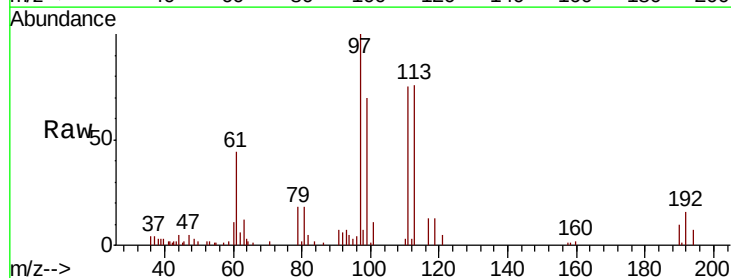
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

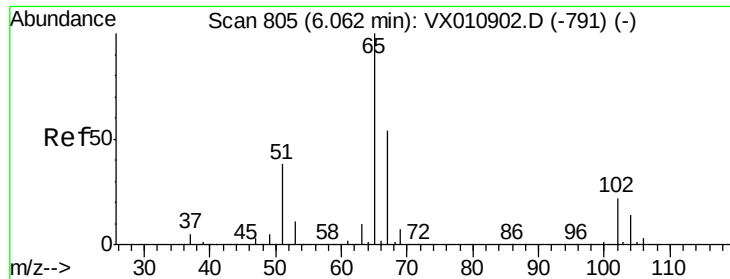
Tot Ion: 56 Resp: 16471
Ion Ratio Lower Upper
56 100
69 28.5 25.8 38.8
84 82.7 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 97 Resp: 15267
Ion Ratio Lower Upper
97 100
99 66.6 51.4 77.0
61 45.1 33.0 49.6

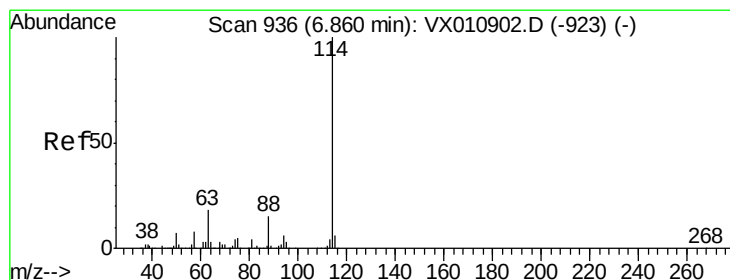
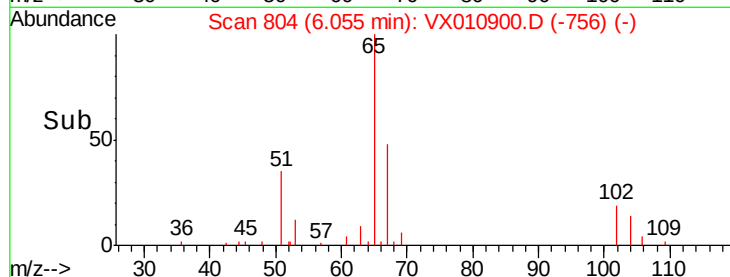
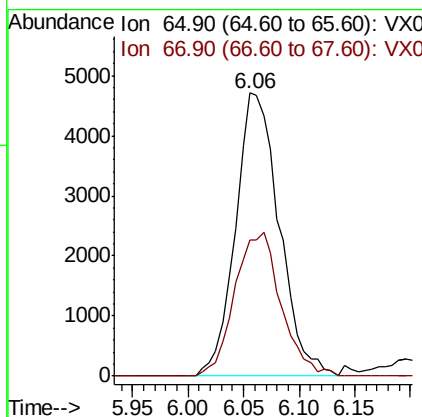
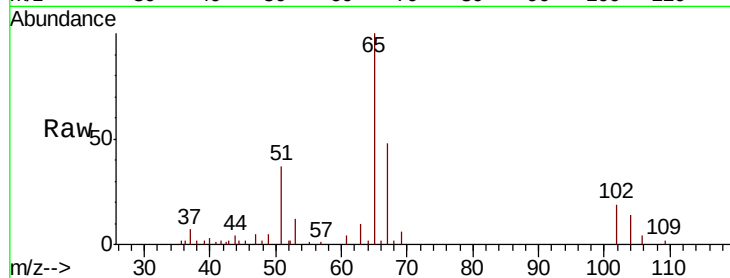




#33
 1,2-Dichloroethane-d4
 Concen: 6.097 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

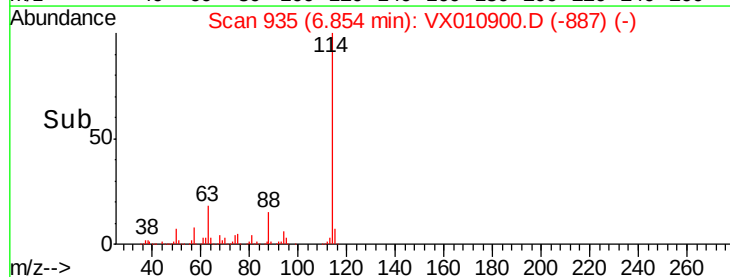
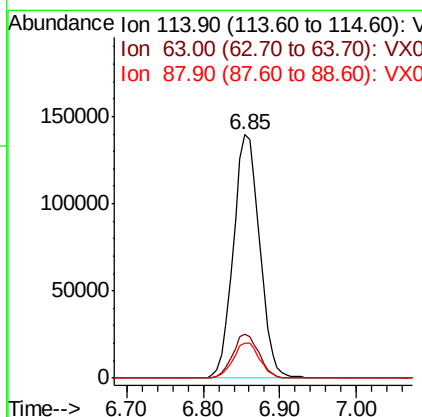
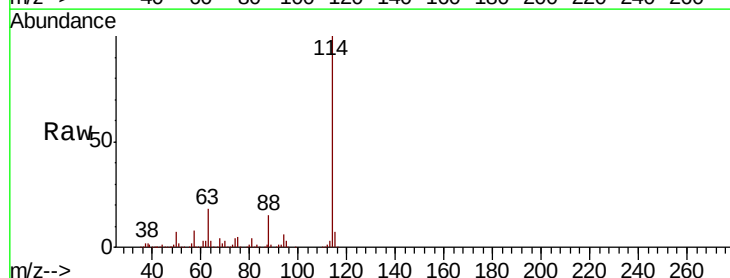
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

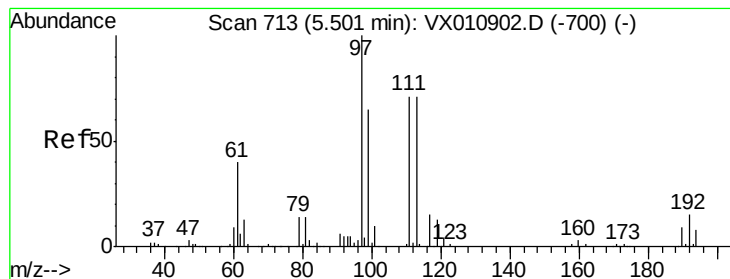
Tot Ion: 65 Resp: 12848
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion: 114 Resp: 332389
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 5.478 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

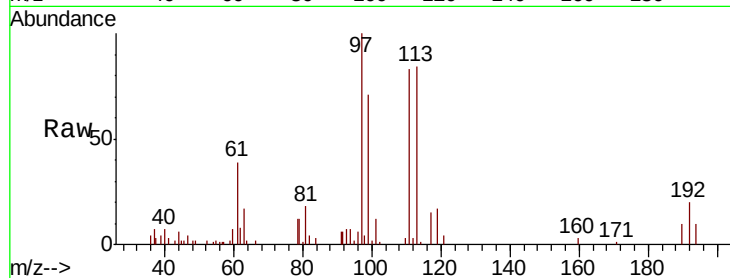
Tot Ion:113 Resp: 11160

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

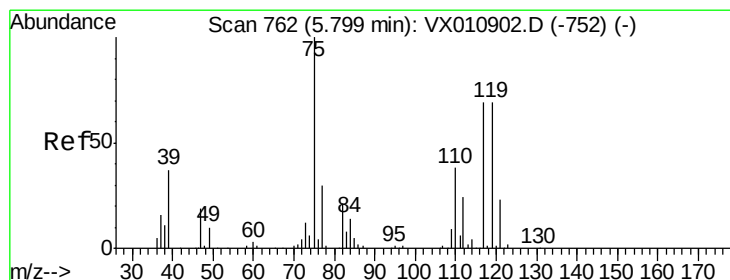
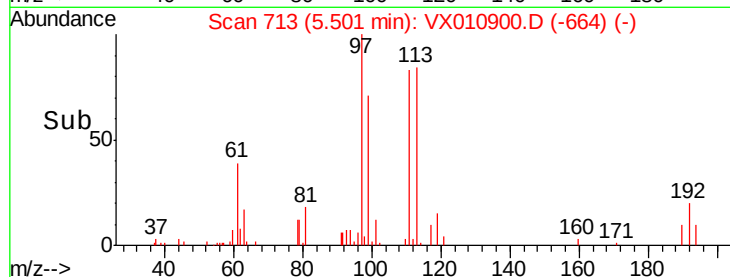
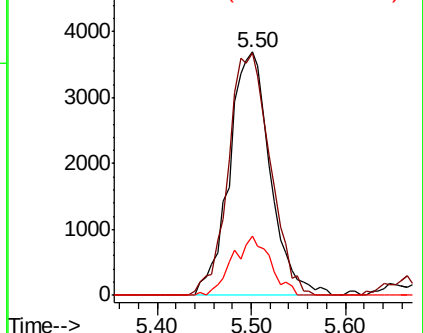
192 22.6 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.062 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

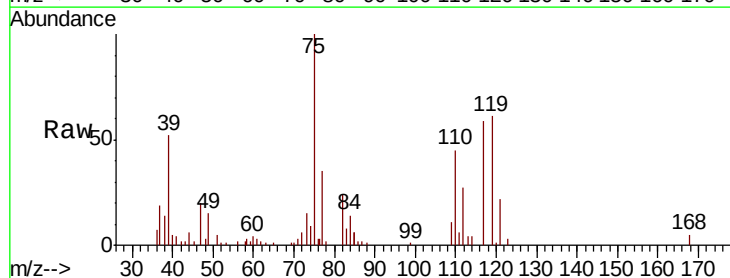
Tgt Ion: 75 Resp: 13472

Ion Ratio Lower Upper

75 100

110 42.5 19.9 59.7

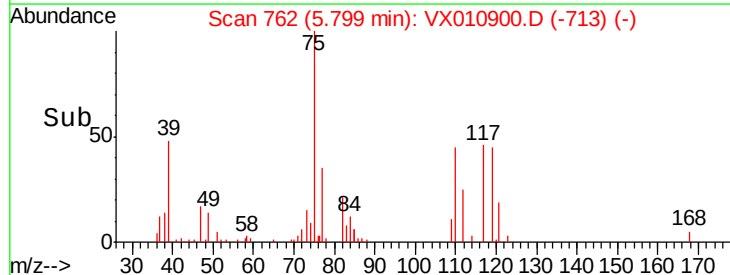
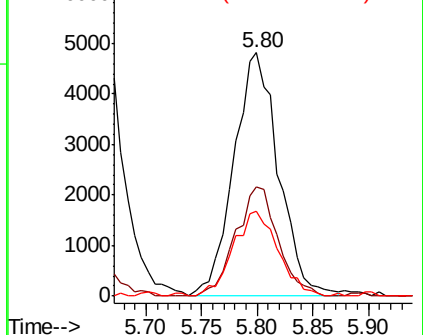
77 35.1 25.0 37.4

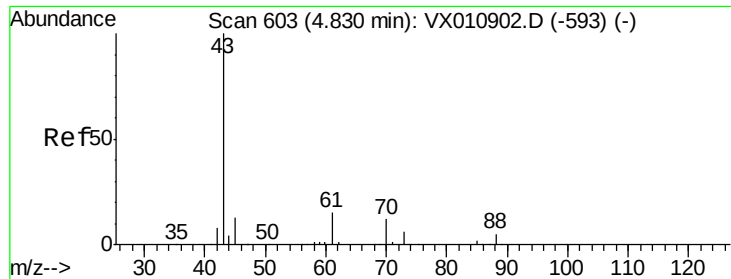


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

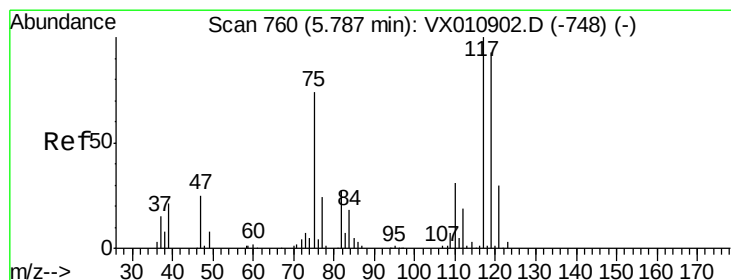
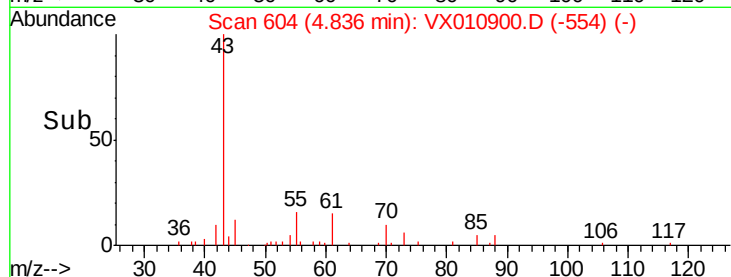
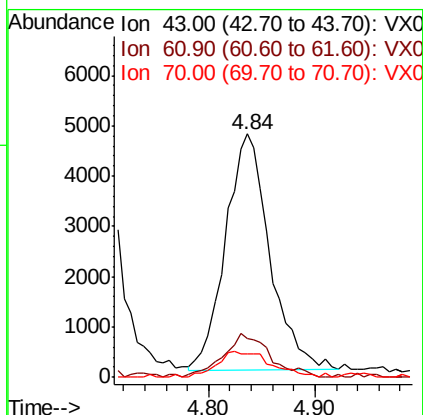
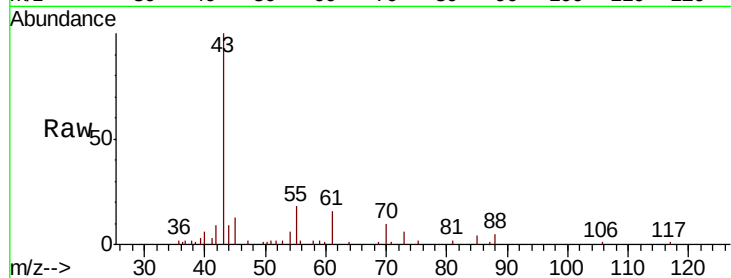




#37
Ethyl Acetate
Concen: 4.973 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

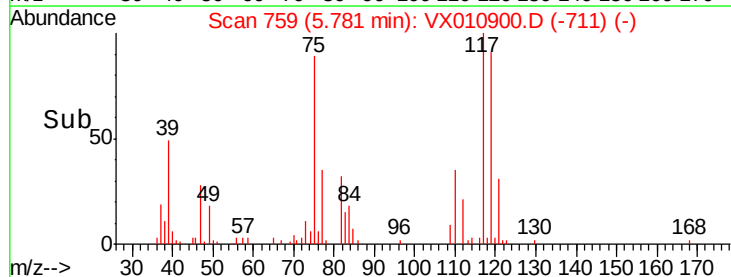
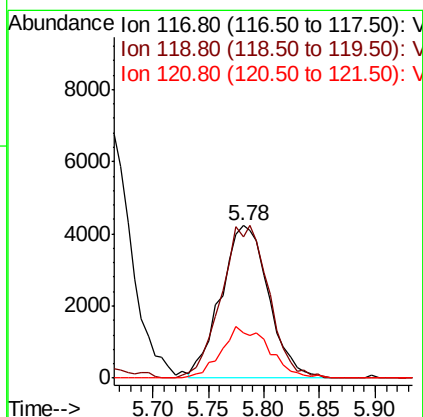
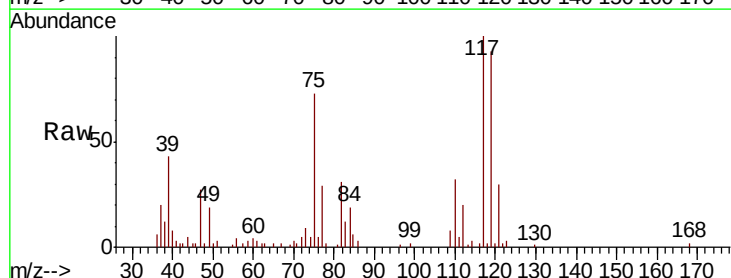
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

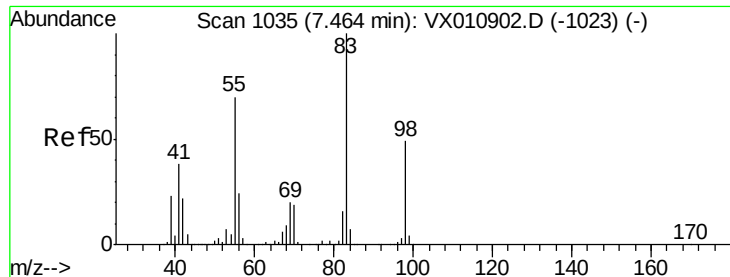
Tot Ion: 43 Resp: 13577
Ion Ratio Lower Upper
43 100
61 19.6 11.6 17.4#
70 13.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 4.405 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 117 Resp: 12582
Ion Ratio Lower Upper
117 100
119 92.7 74.2 111.2
121 30.1 24.2 36.2

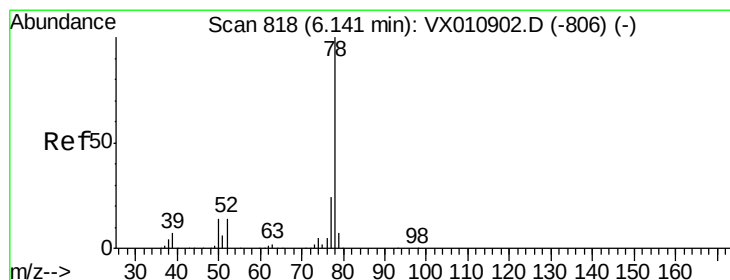
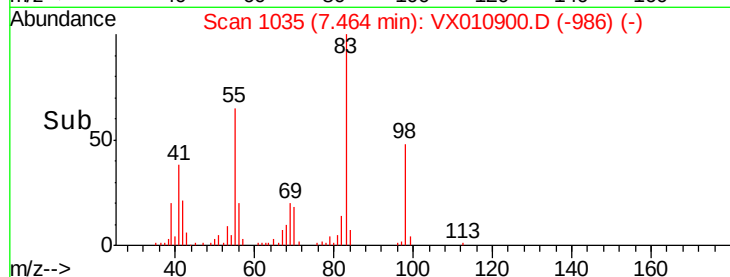
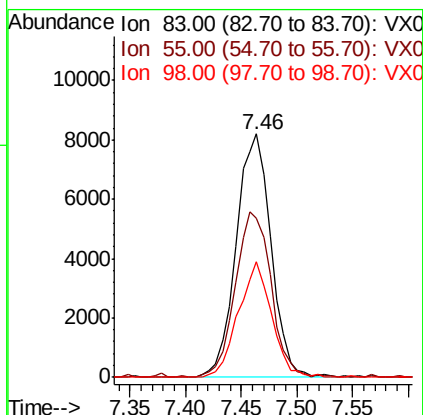
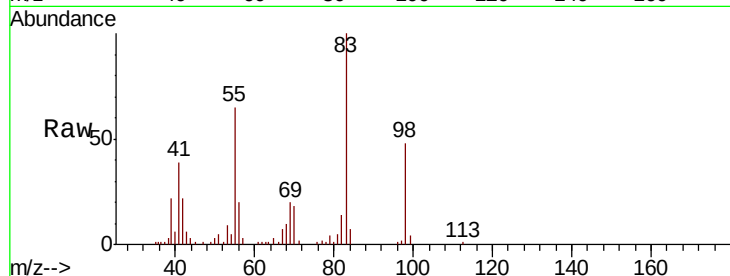




#39
Methylvlcyclohexane
Concen: 5.100 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

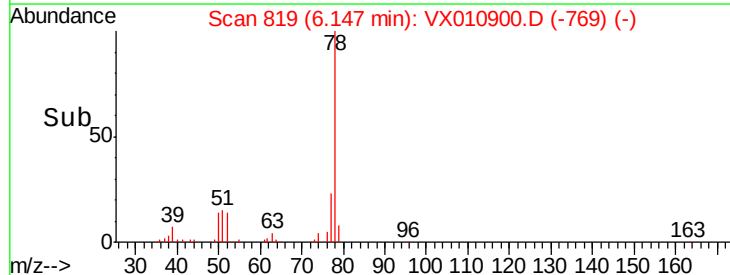
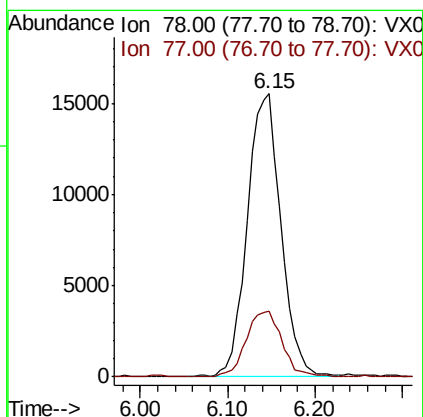
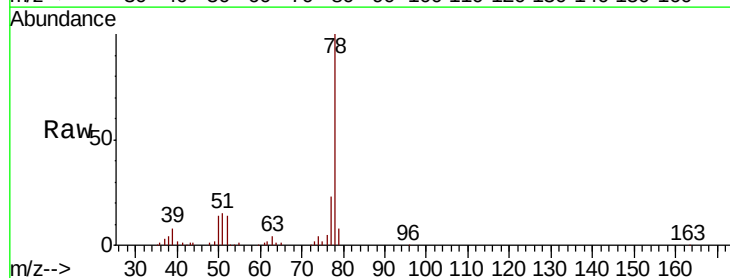
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

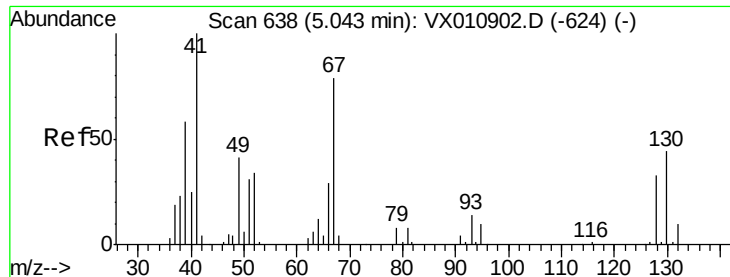
Tot Ion: 83 Resp: 17777
Ion Ratio Lower Upper
83 100
55 65.4 56.2 84.4
98 47.5 39.0 58.4



#40
Benzene
Concen: 5.056 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 78 Resp: 41641
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41

Methacrylonitrile

Concen: 4.935 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 7354

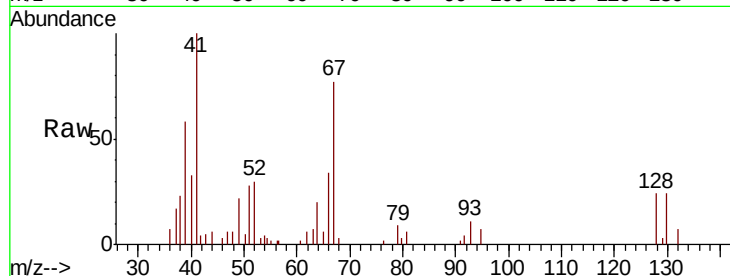
Ion Ratio Lower Upper

41 100

39 55.2 45.4 68.2

67 86.4 65.9 98.9

52 38.5 26.2 39.2

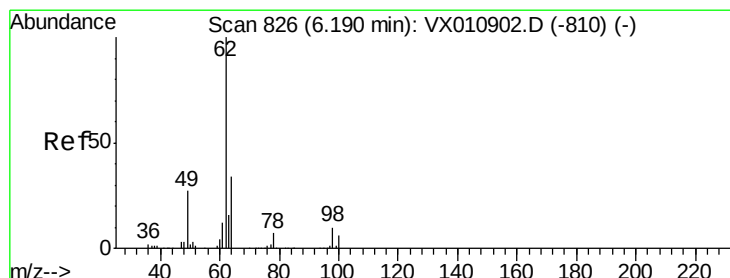
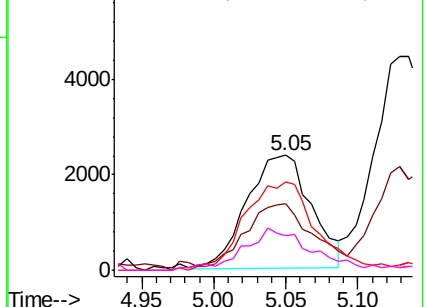
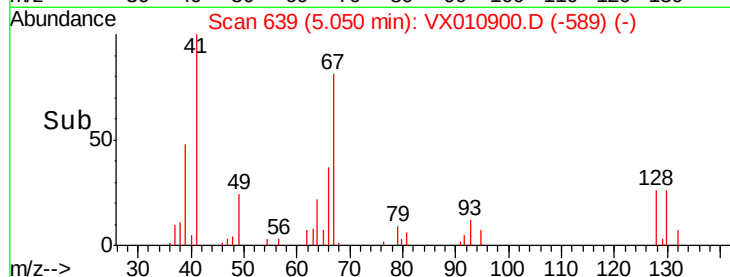


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.779 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010900.D

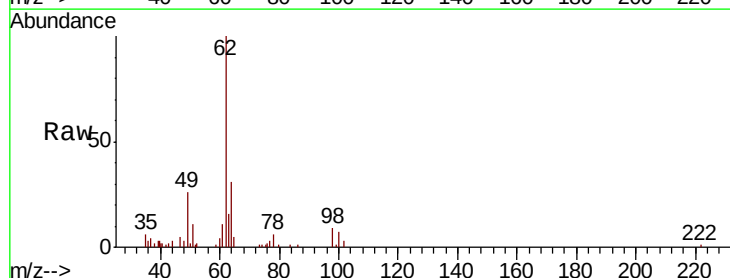
Acq: 16 Jul 2019 10:06

Tgt Ion: 62 Resp: 14698

Ion Ratio Lower Upper

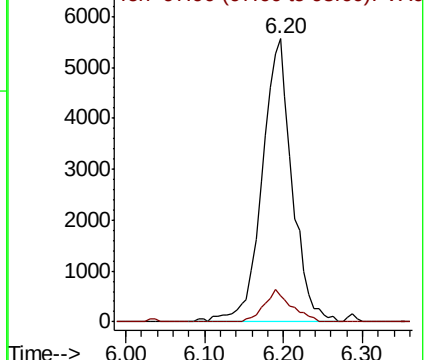
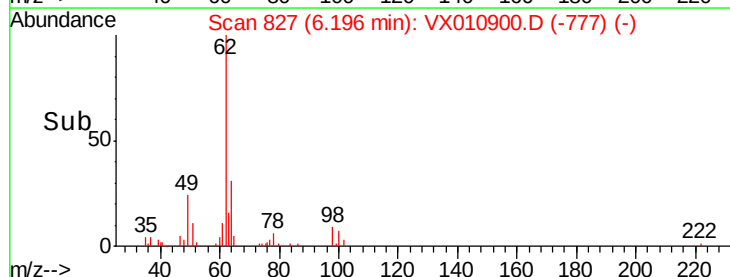
62 100

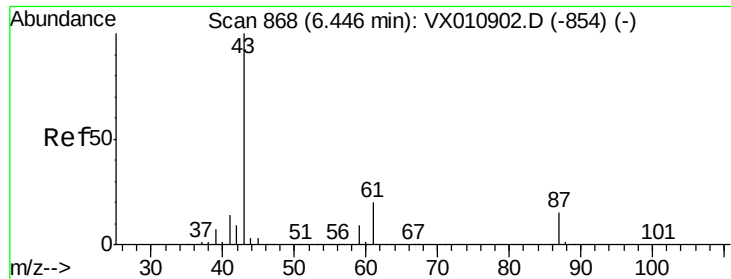
98 10.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.776 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

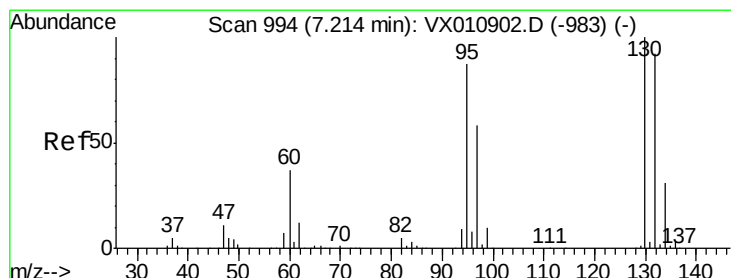
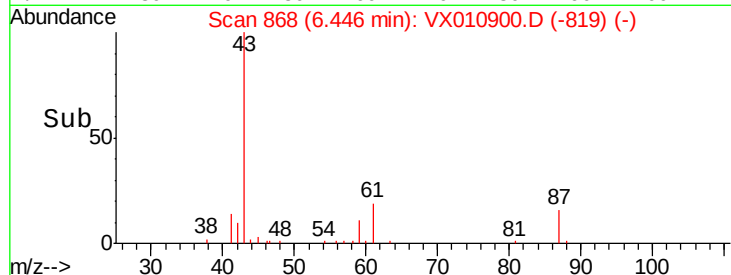
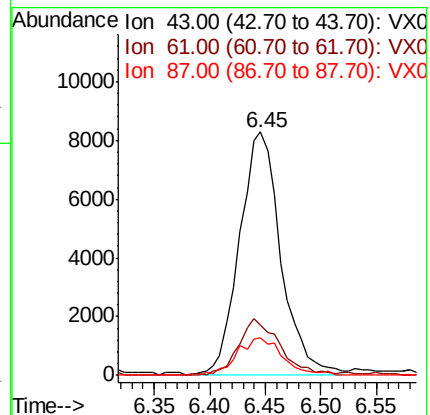
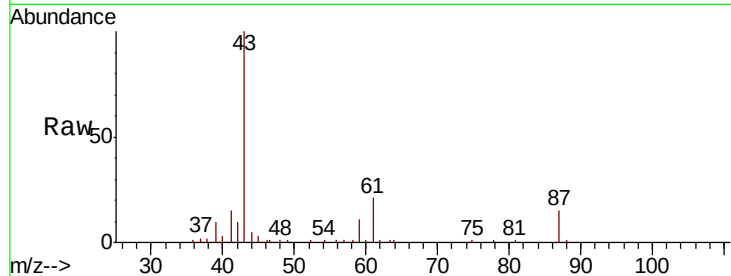
Tot Ion: 43 Resp: 21499

Ion Ratio Lower Upper

43 100

61 23.3 17.1 25.7

87 16.8 12.0 18.0



#44

Trichloroethene

Concen: 5.101 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010900.D

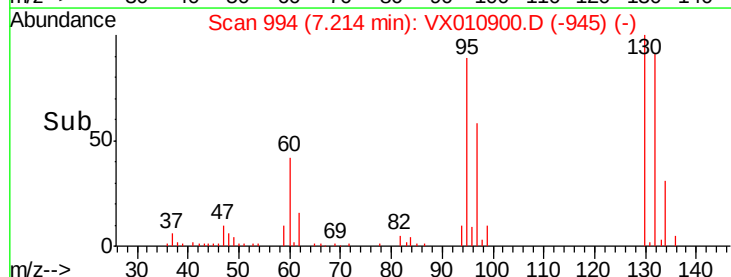
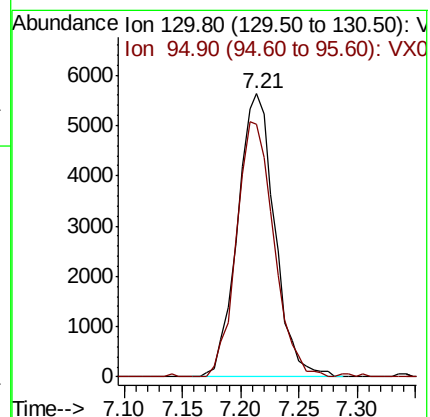
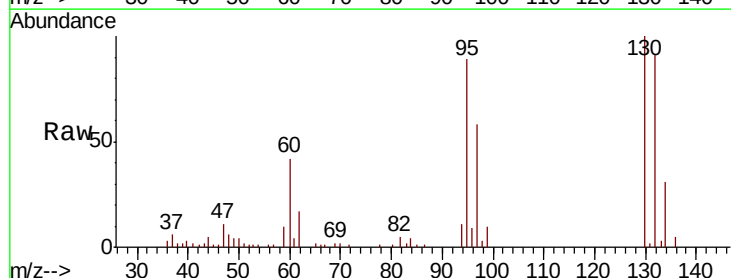
Acq: 16 Jul 2019 10:06

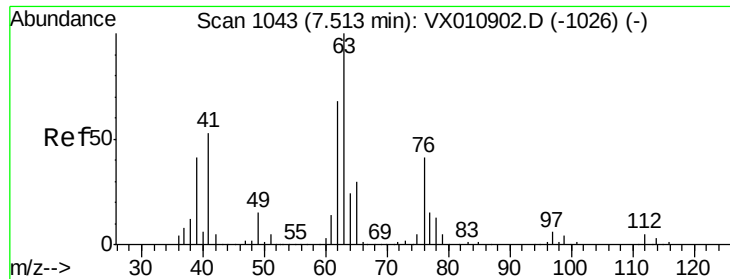
Tgt Ion: 130 Resp: 12544

Ion Ratio Lower Upper

130 100

95 89.1 0.0 174.8

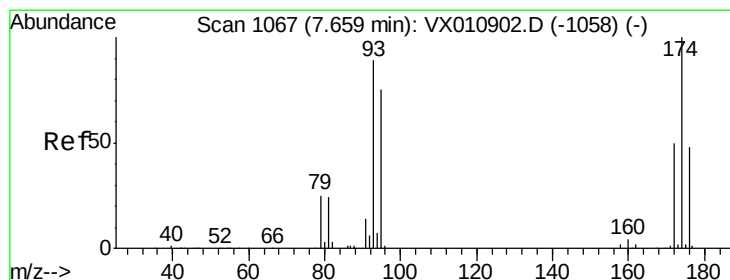
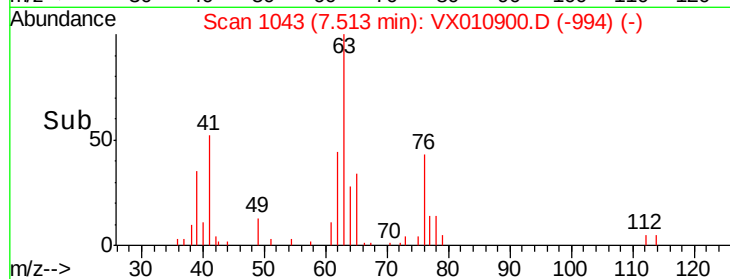
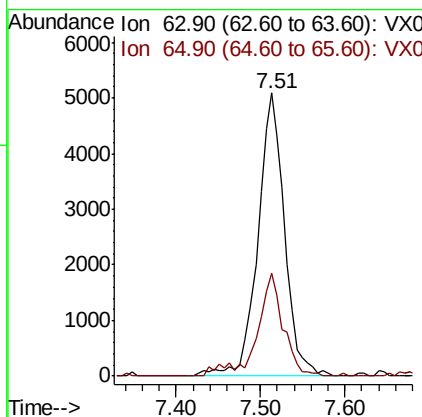
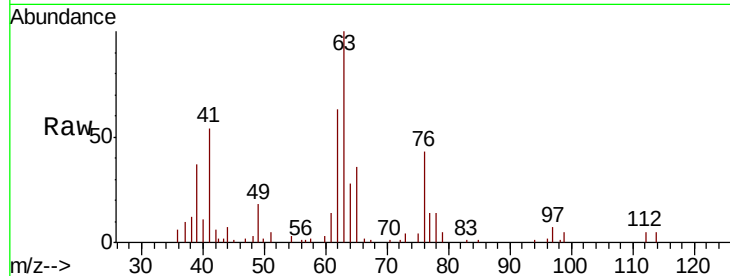




#45
 1,2-Dichloropropane
 Concen: 5.301 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

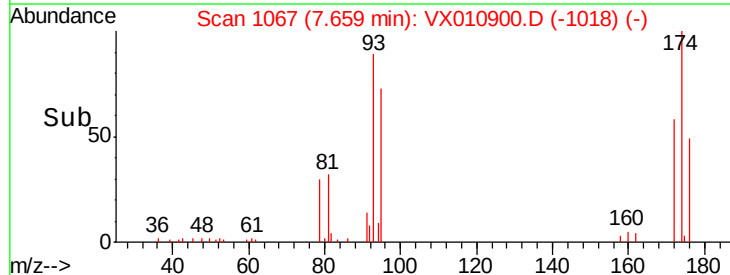
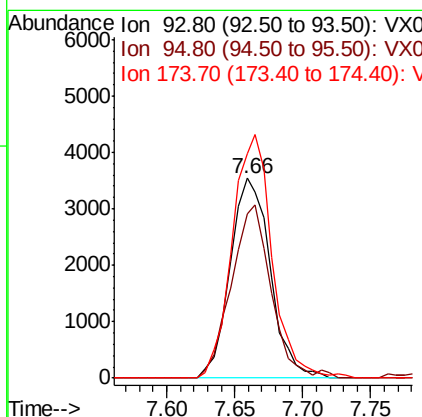
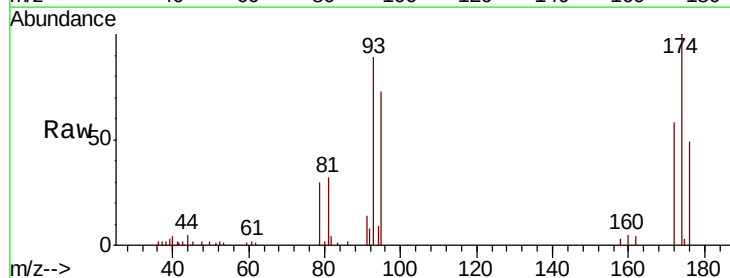
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

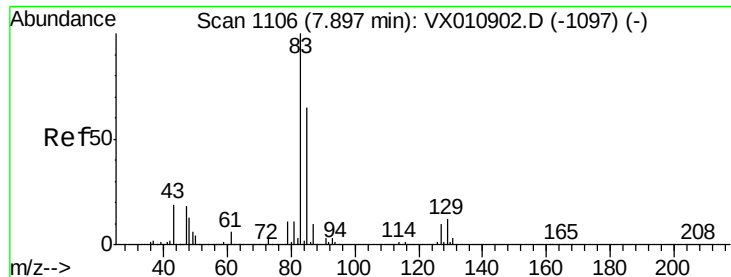
Tot Ion: 63 Resp: 11036
 Ion Ratio Lower Upper
 63 100
 65 36.1 24.4 36.6



#46
 Dibromomethane
 Concen: 4.880 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion: 93 Resp: 7294
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.2 100.8
 174 120.7 90.6 135.8





#47

Bromodichloromethane

Concen: 4.462 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

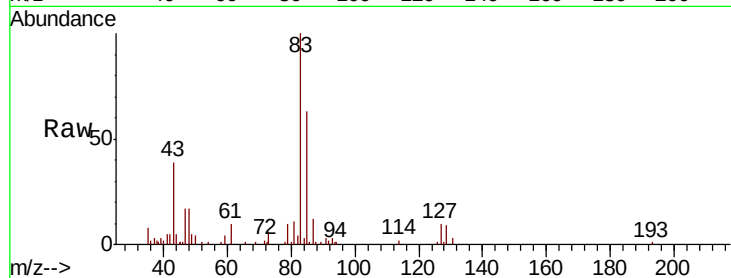
Tot Ion: 83 Resp: 12159

Ion Ratio Lower Upper

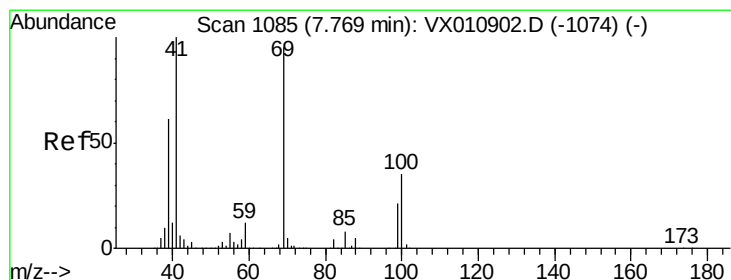
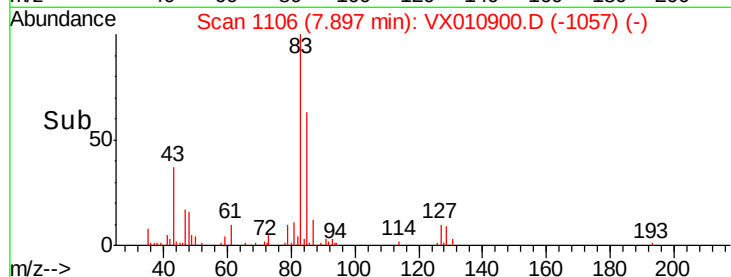
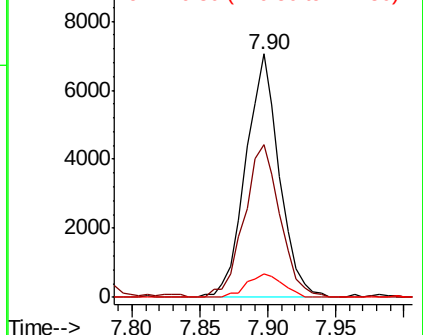
83 100

85 62.7 52.5 78.7

127 9.7 7.8 11.8



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: 4.870 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

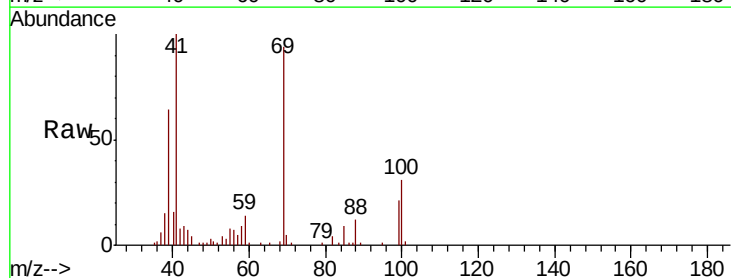
Tgt Ion: 41 Resp: 10219

Ion Ratio Lower Upper

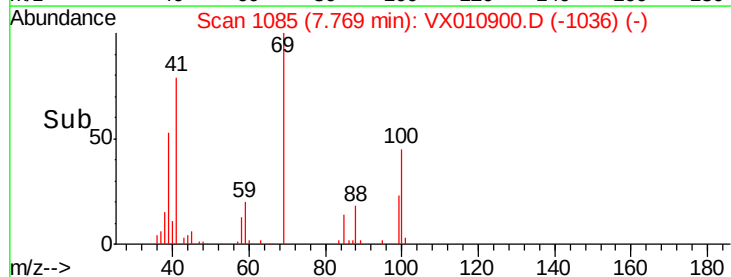
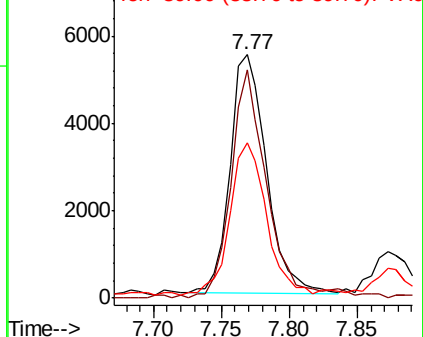
41 100

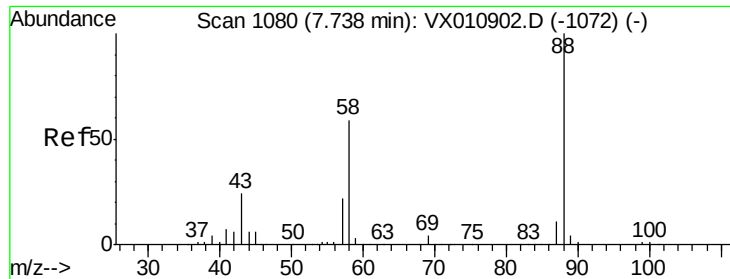
69 95.0 74.4 111.6

39 63.7 48.9 73.3



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

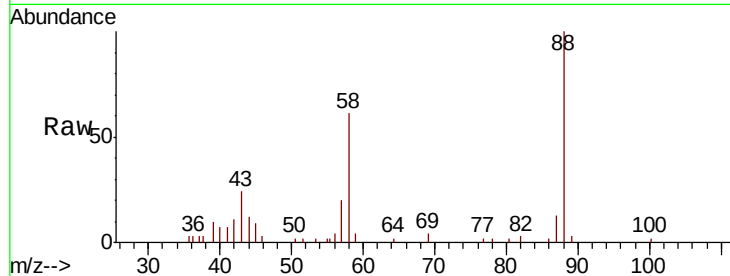




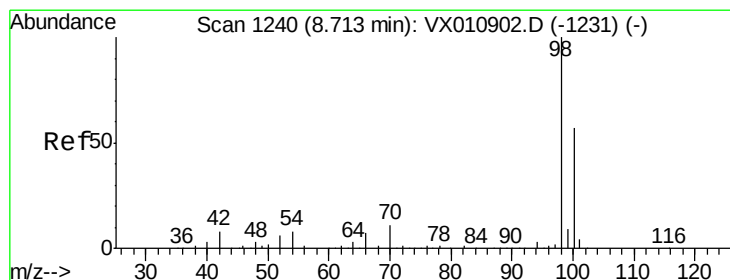
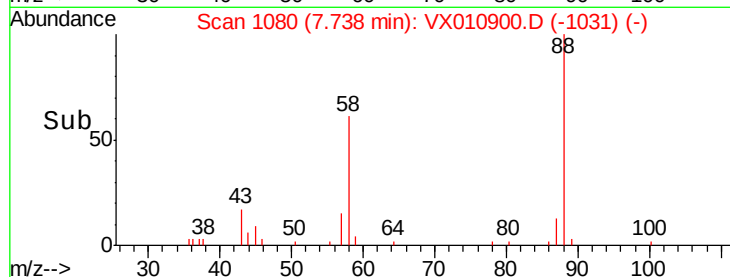
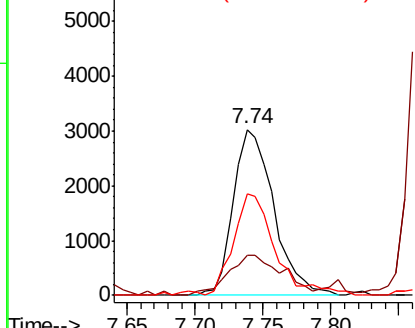
#49
 1,4-Dioxane
 Concen: 104.624 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 88 Resp: 6316
 Ion Ratio Lower Upper
 88 100
 43 32.2 22.9 34.3
 58 62.5 49.8 74.8

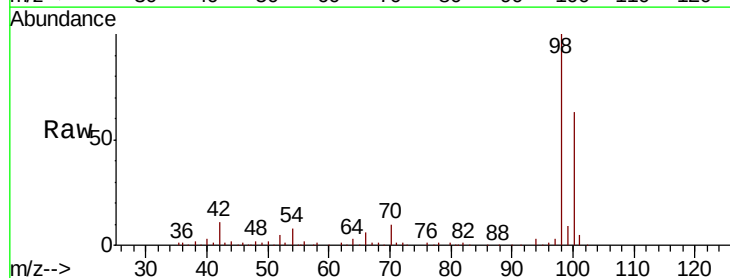


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

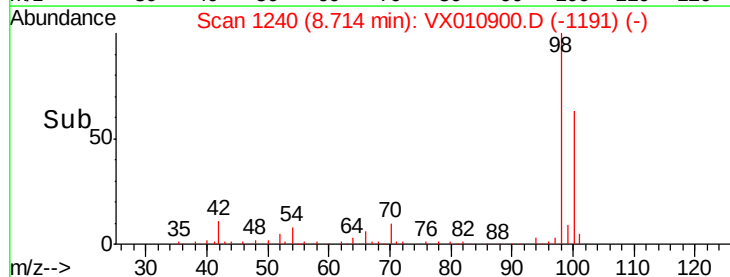
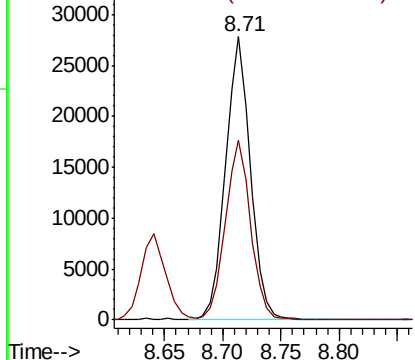


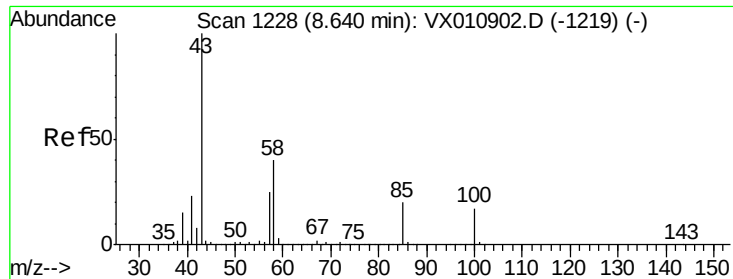
#50
 Toluene-d8
 Concen: 5.308 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion: 98 Resp: 41290
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

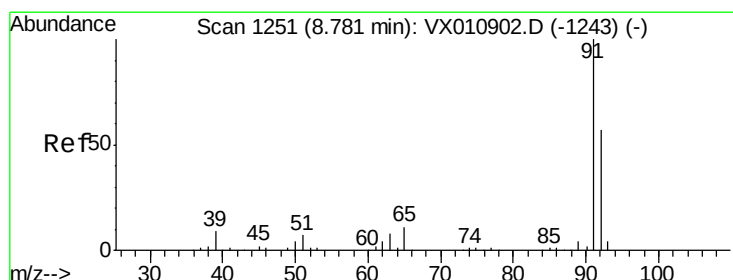
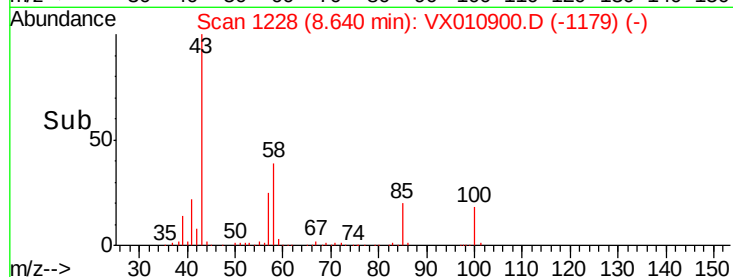
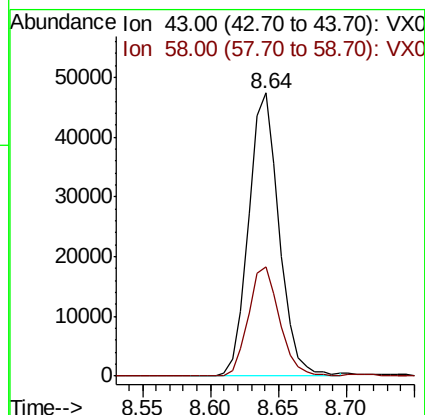
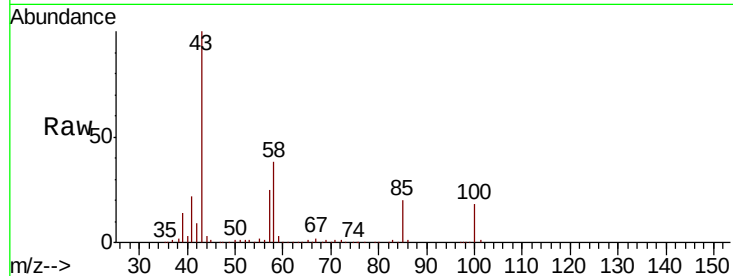




#51
4-Methyl-2-Pentanone
Concen: 25.796 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

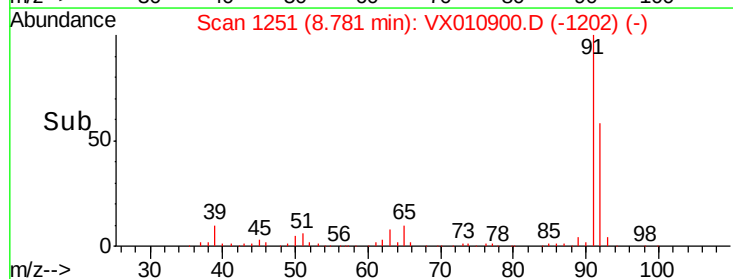
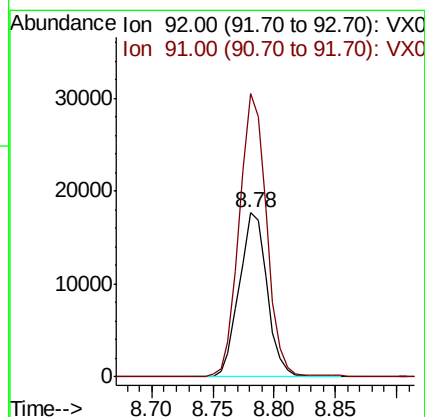
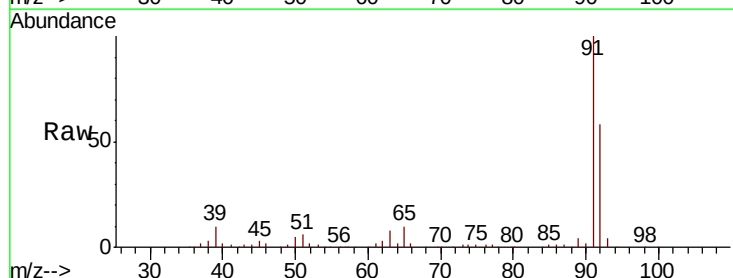
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

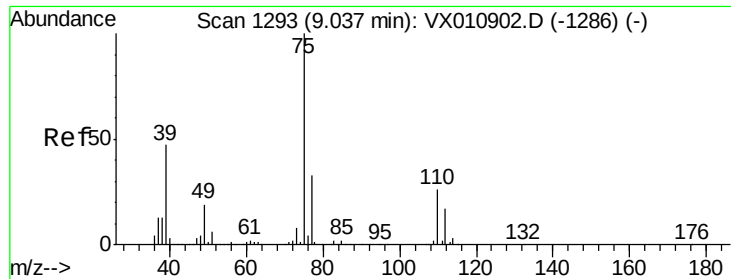
Tot Ion: 43 Resp: 74575
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.4



#52
Toluene
Concen: 5.148 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 92 Resp: 27907
Ion Ratio Lower Upper
92 100
91 168.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 4.018 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

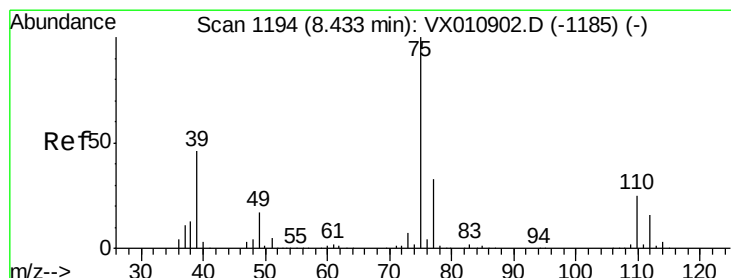
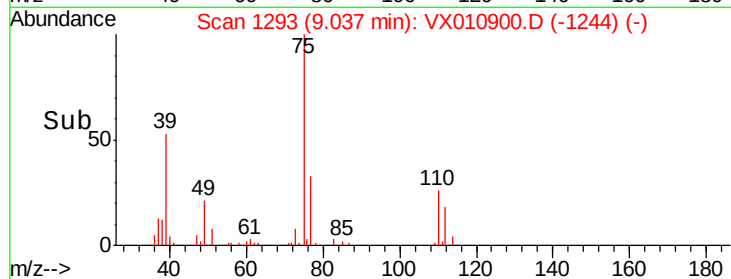
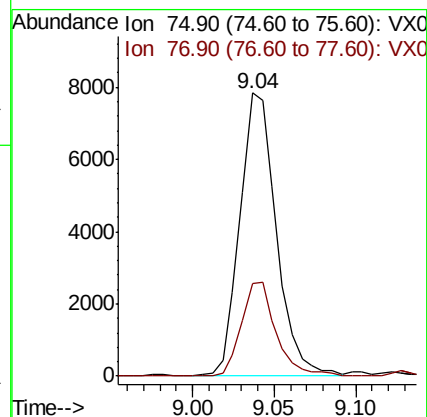
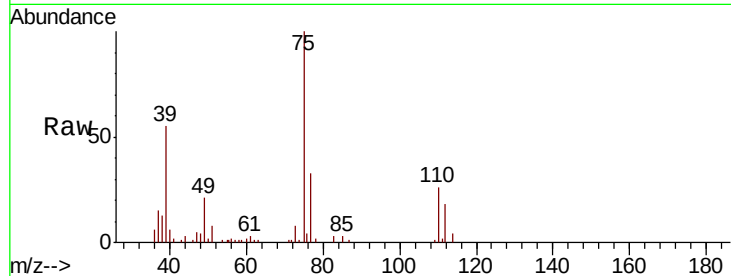
VSTDIC005

Tot Ion: 75 Resp: 12248

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 4.390 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

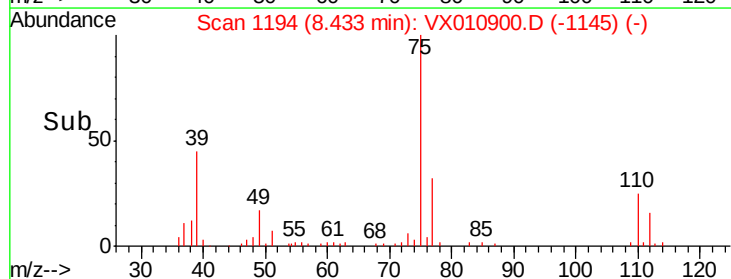
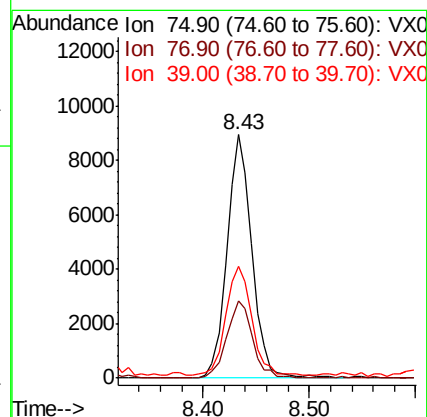
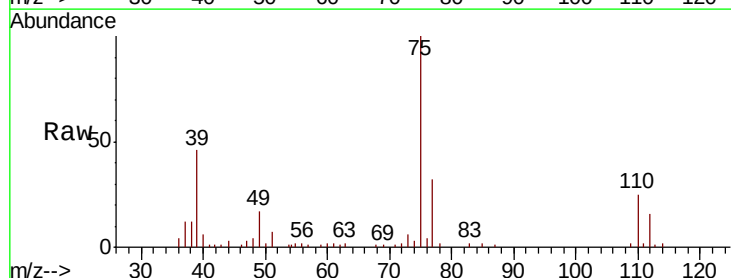
Tgt Ion: 75 Resp: 14587

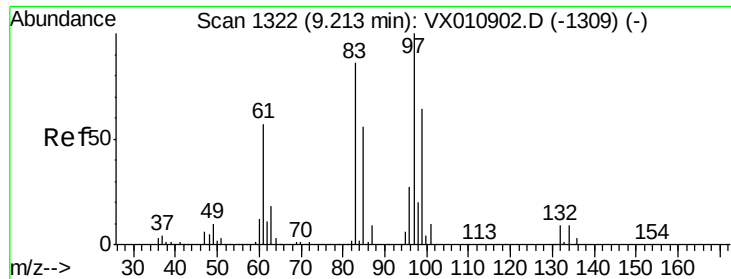
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 44.6 36.6 54.8

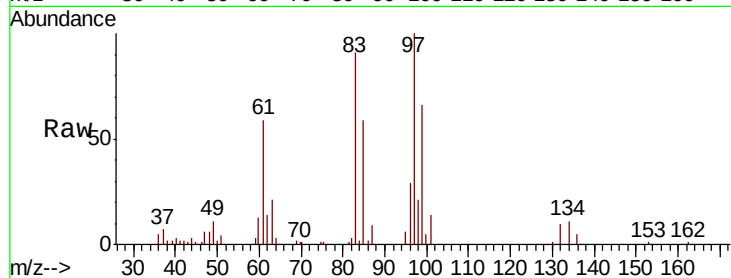




#55
1,1,2-Trichloroethane
Concen: 4.990 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	97	Resp:	11127
Ion	Ratio	Lower	Upper
97	100		
83	90.8	69.2	103.8
85	59.0	44.6	66.8
99	66.0	51.2	76.8



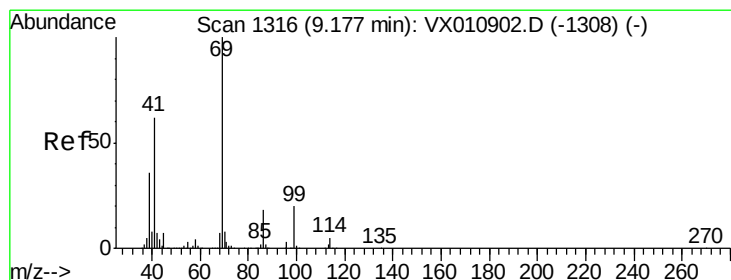
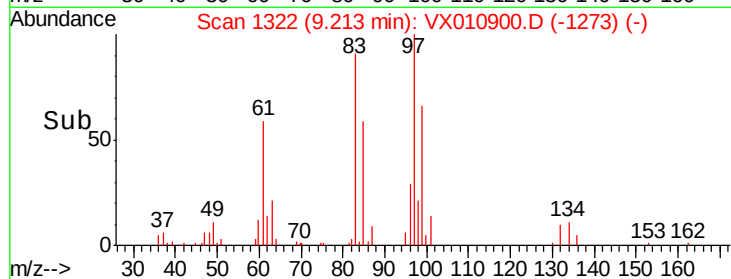
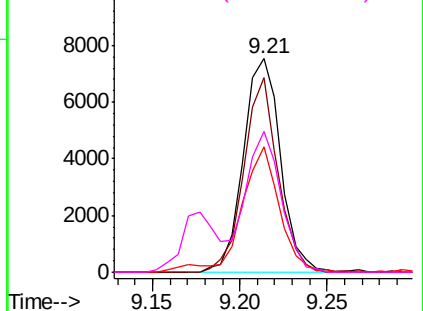
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

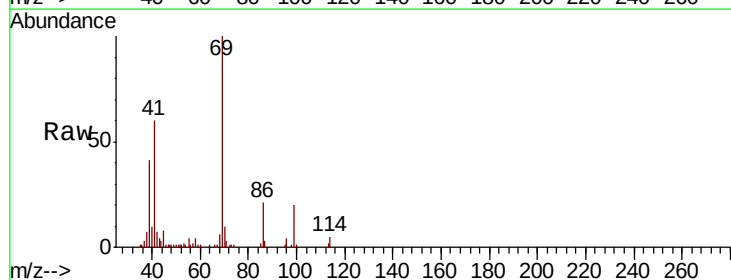
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 4.486 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:	69	Resp:	15156
Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.7	74.5
39	43.5	29.6	44.4

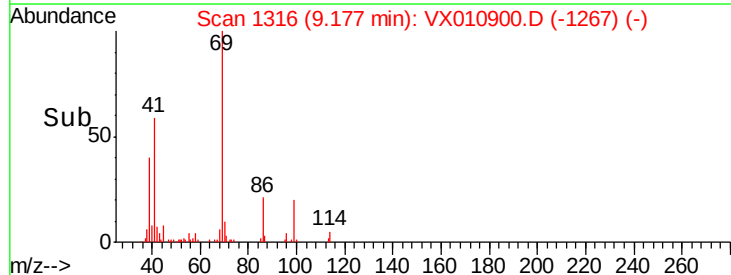
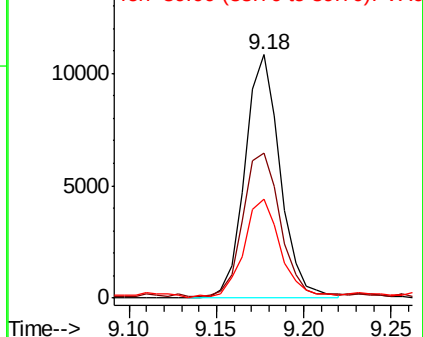


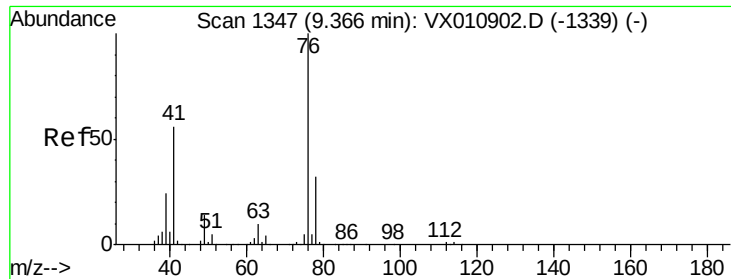
Abundance

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: 5.199 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

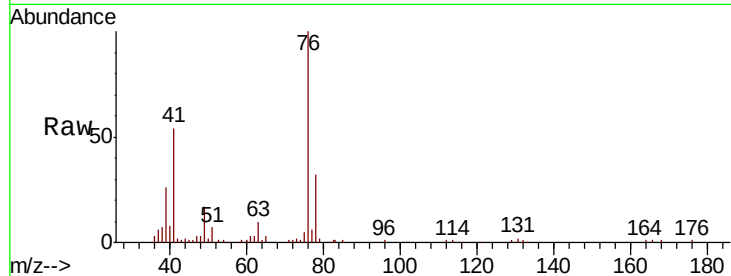
VSTDIC005

Tot Ion: 76 Resp: 18071

Ion Ratio Lower Upper

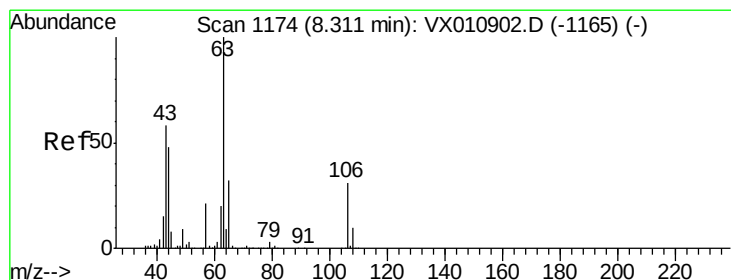
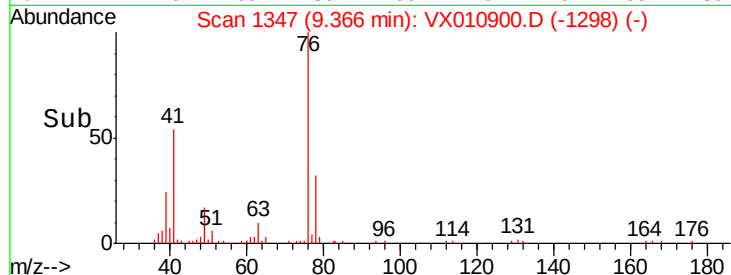
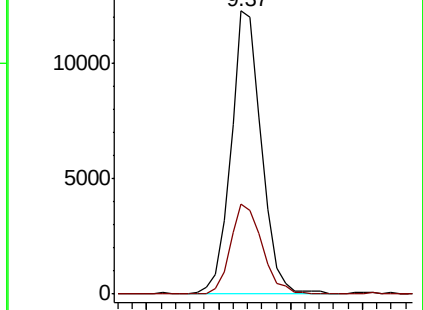
76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.682 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010900.D

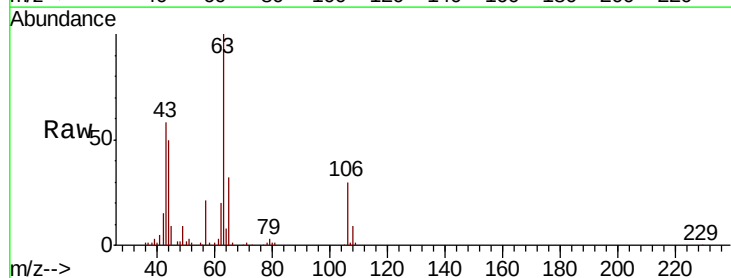
Acq: 16 Jul 2019 10:06

Tgt Ion: 63 Resp: 39465

Ion Ratio Lower Upper

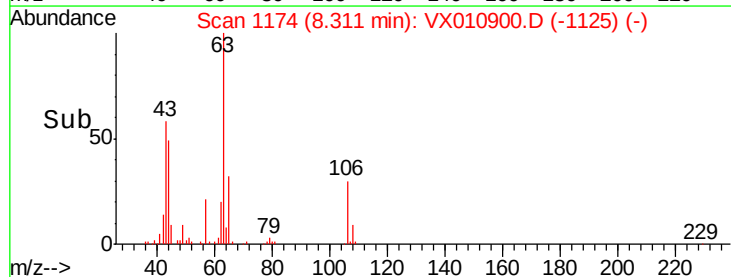
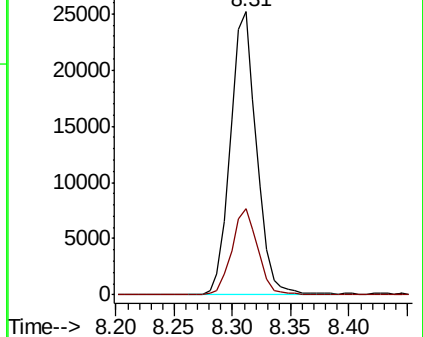
63 100

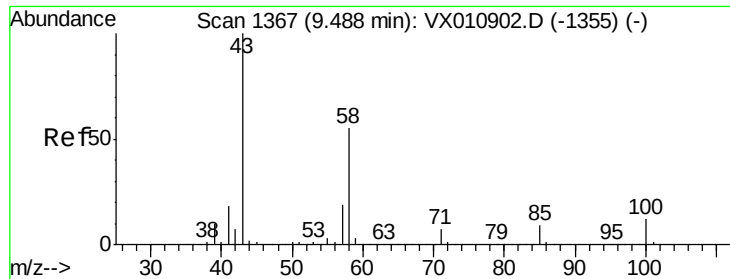
106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

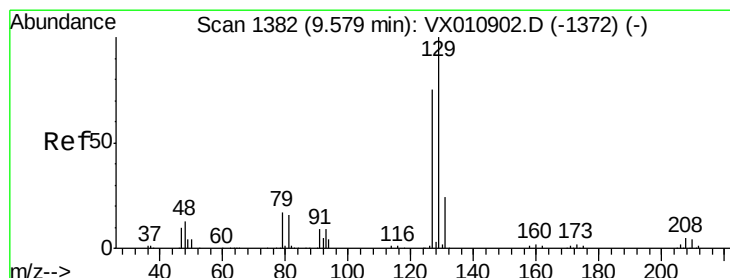
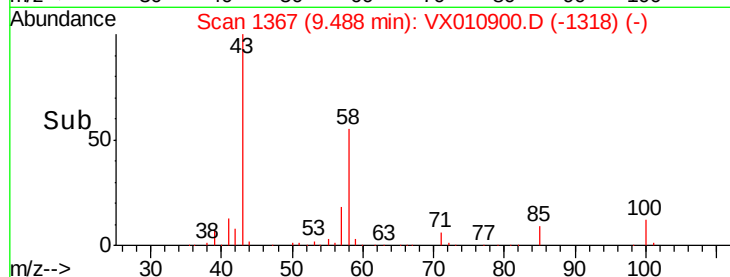
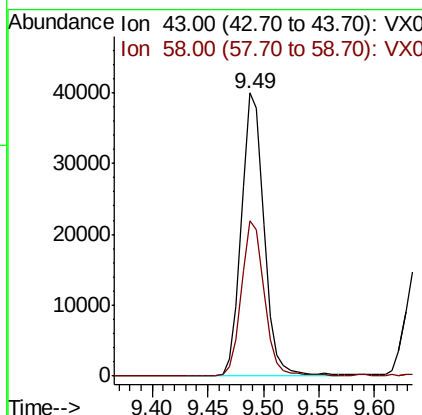
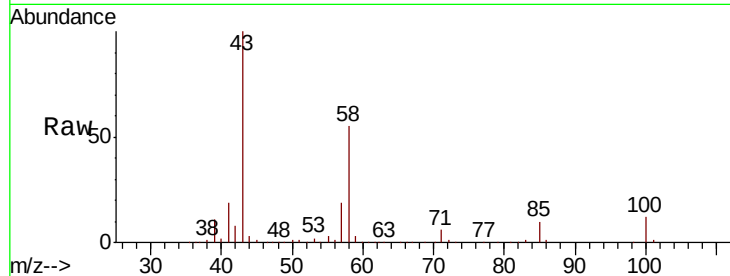




#59
2-Hexanone
Concen: 24.946 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

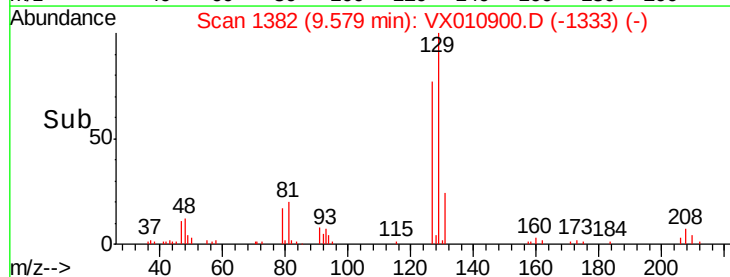
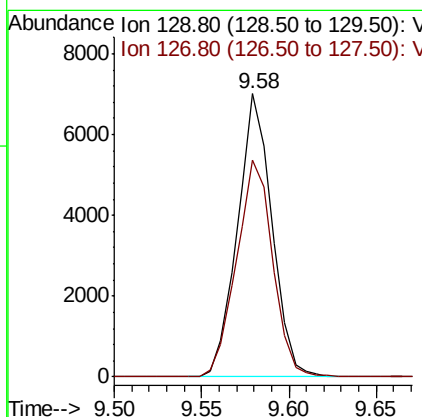
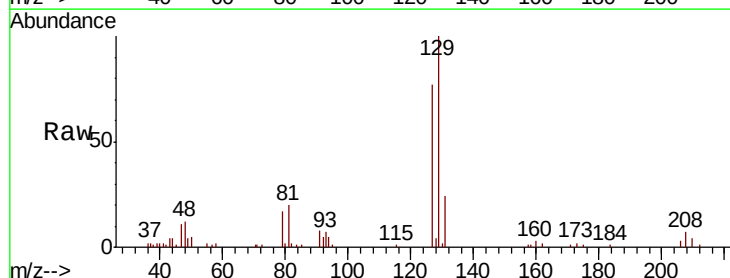
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

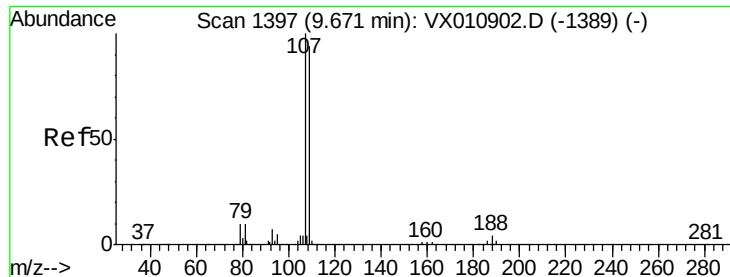
Tot Ion: 43 Resp: 56761
Ion Ratio Lower Upper
43 100
58 55.3 28.0 83.9



#60
Dibromochloromethane
Concen: 3.863 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:129 Resp: 9582
Ion Ratio Lower Upper
129 100
127 80.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.731 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

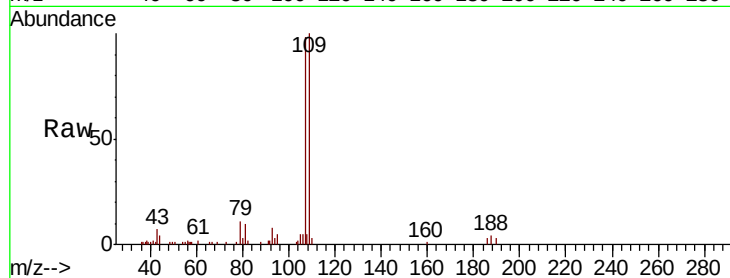
VSTDIC005

Tot Ion:107 Resp: 11404

Ion Ratio Lower Upper

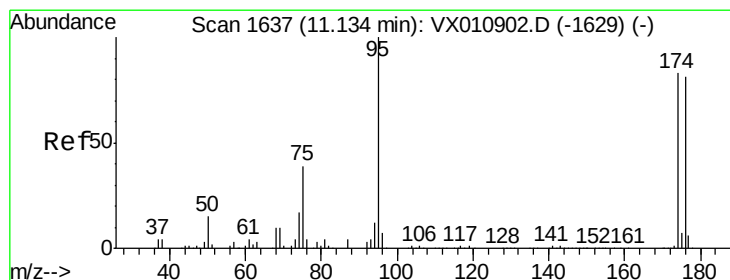
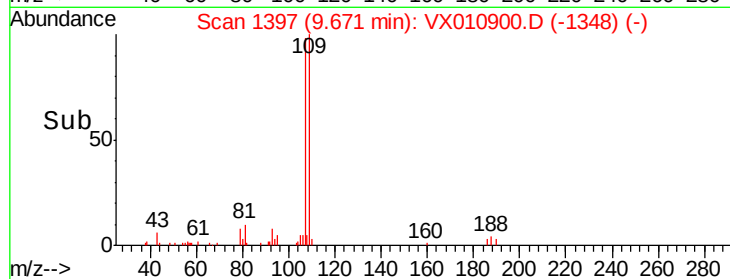
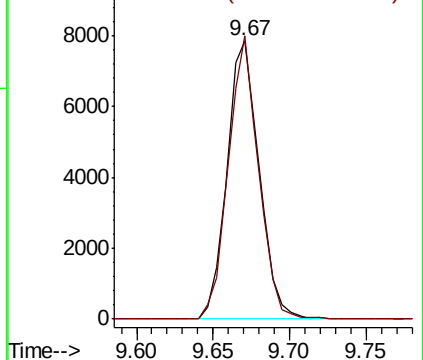
107 100

109 96.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.938 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

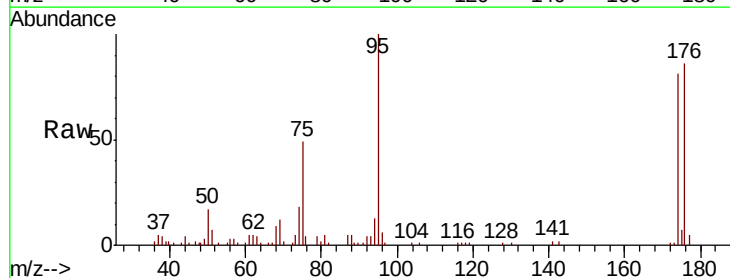
Tgt Ion: 95 Resp: 13954

Ion Ratio Lower Upper

95 100

174 87.9 0.0 180.6

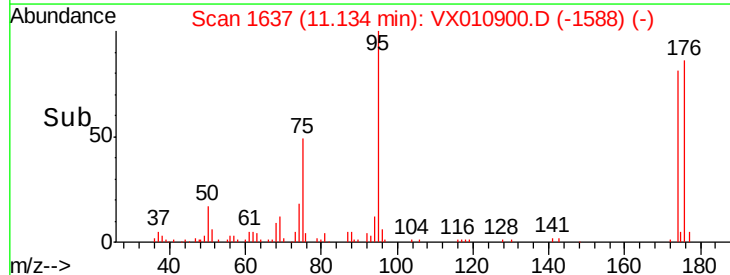
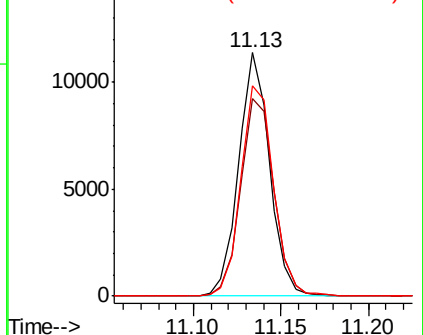
176 91.2 0.0 173.8

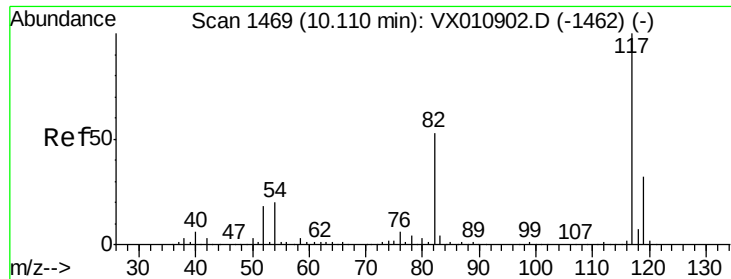


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

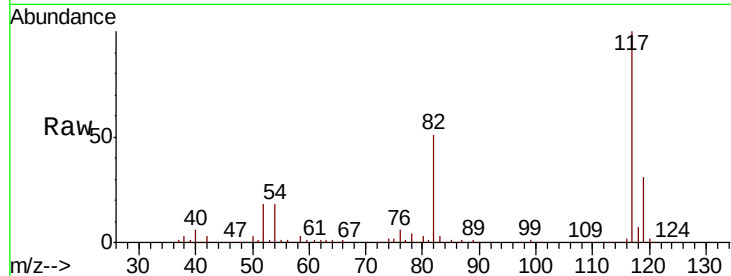




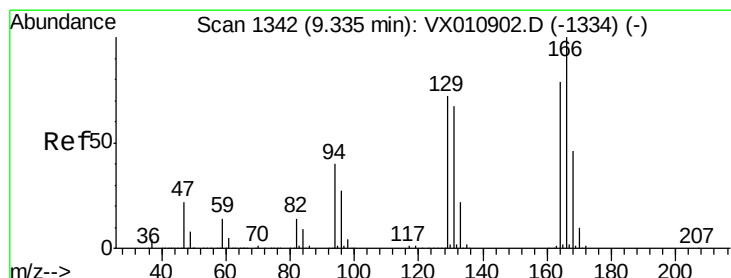
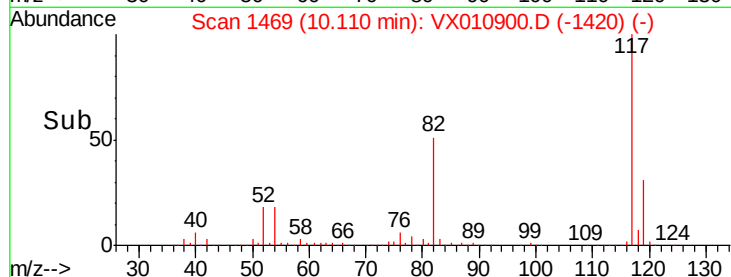
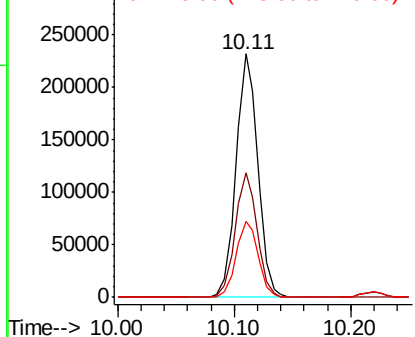
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 302002
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 31.2 25.9 38.9

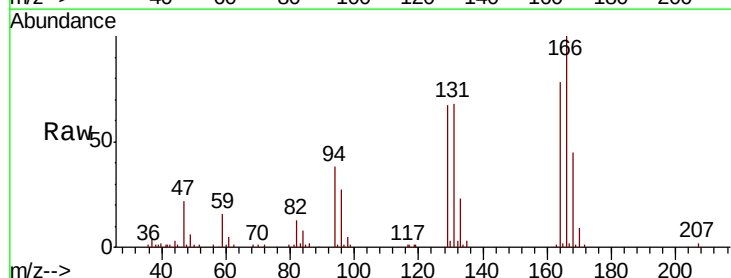


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

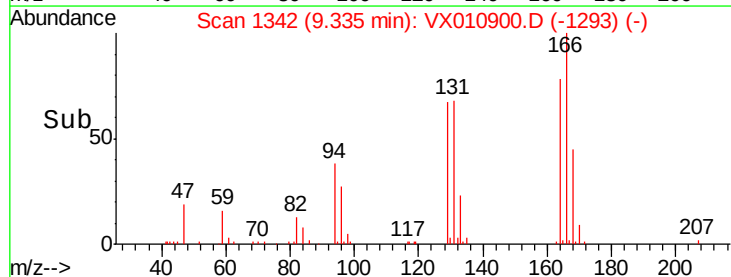
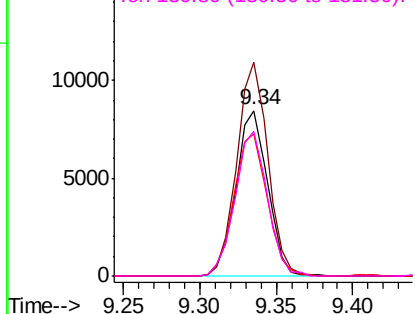


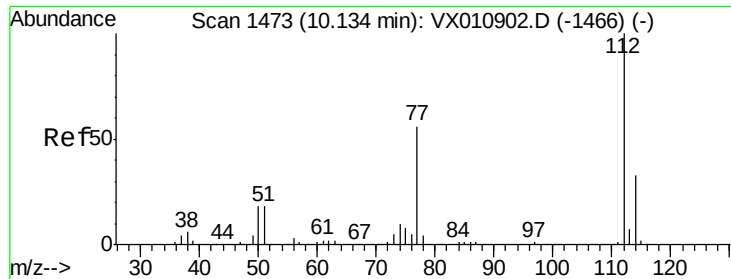
#64
Tetrachloroethene
Concen: 5.018 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:164 Resp: 12206
Ion Ratio Lower Upper
164 100
166 129.0 100.8 151.2
129 86.2 72.6 109.0
131 87.6 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

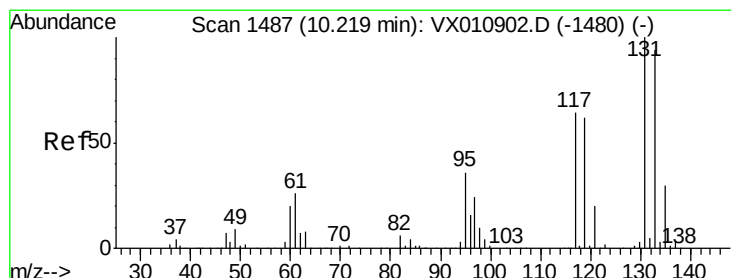
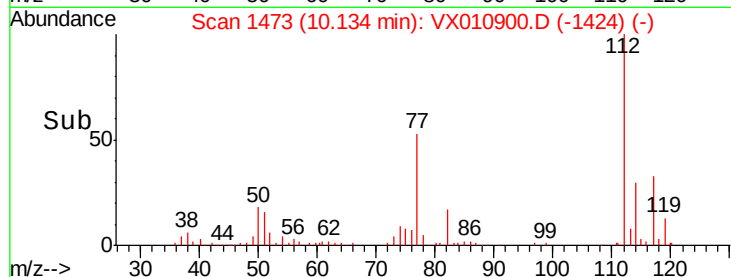
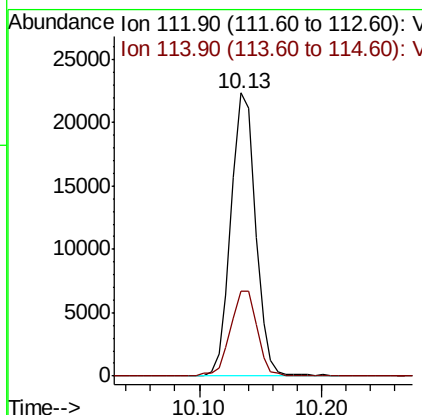
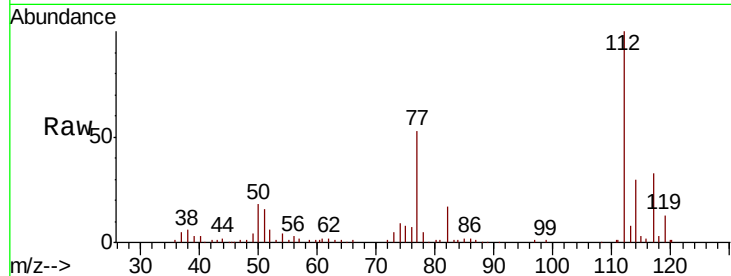




#65
Chlorobenzene
Concen: 5.099 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

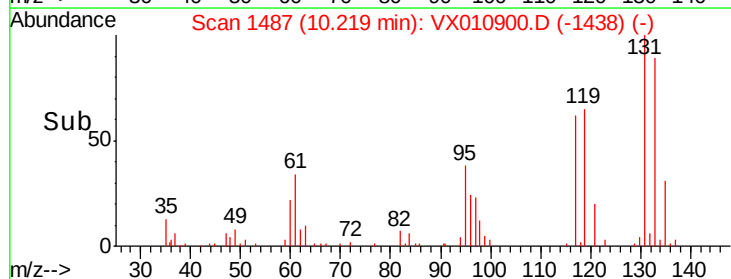
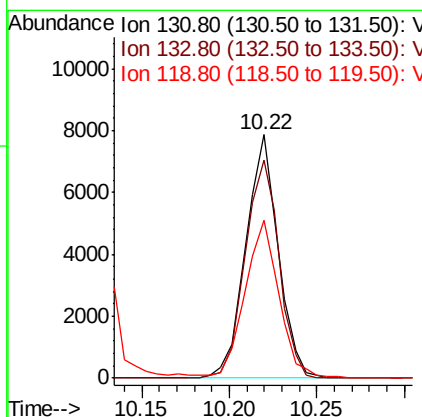
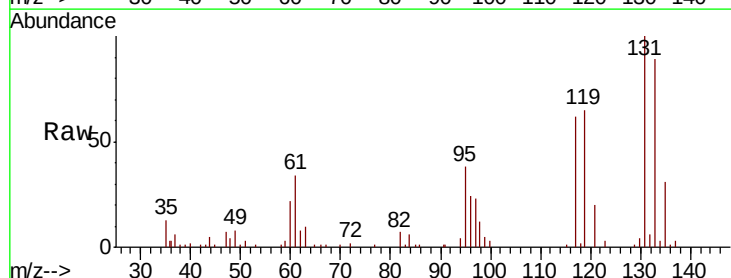
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

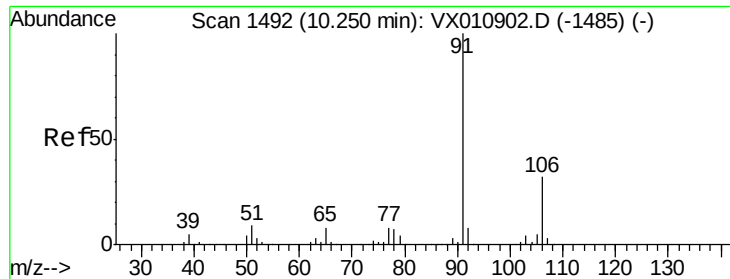
Tot Ion:112 Resp: 31199
Ion Ratio Lower Upper
112 100
114 30.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.540 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:131 Resp: 10113
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 67.9 31.9 95.7

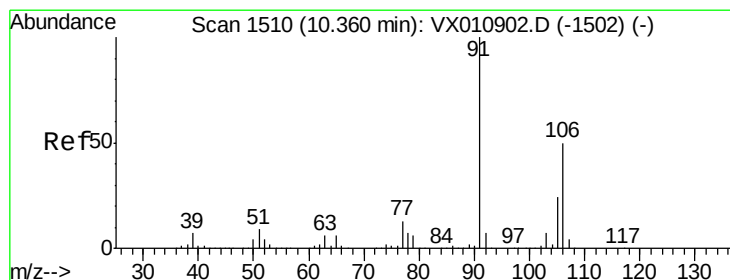
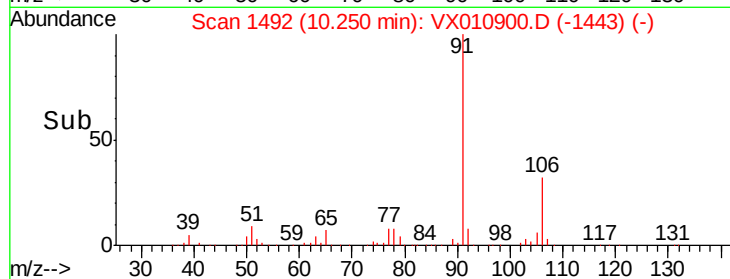
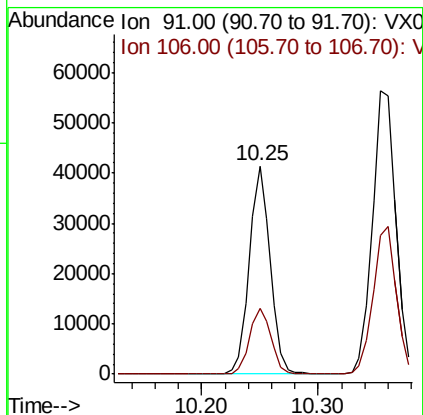
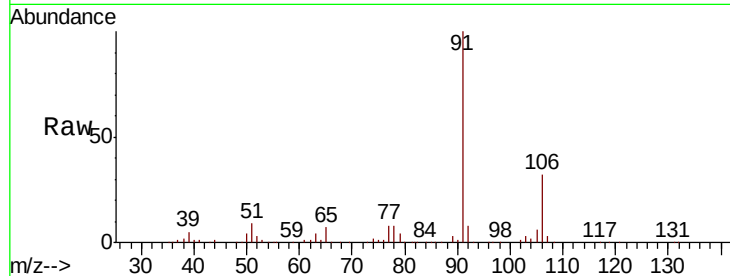




#67
Ethyl Benzene
Concen: 5.012 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

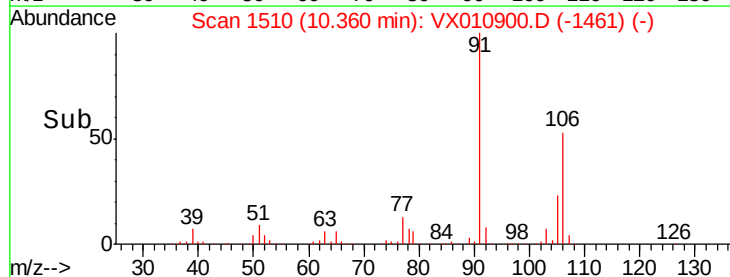
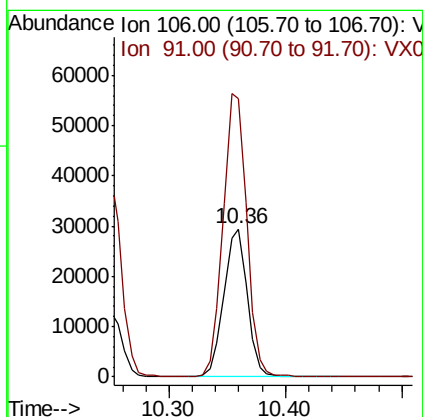
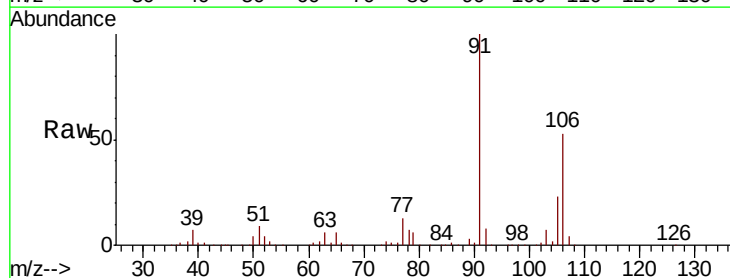
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

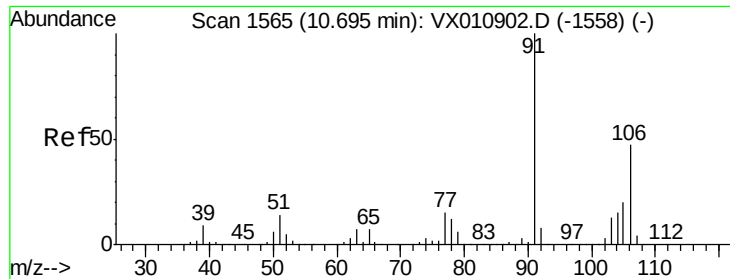
Tot Ion: 91 Resp: 52065
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 10.216 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion: 106 Resp: 41020
Ion Ratio Lower Upper
106 100
91 193.9 160.1 240.1

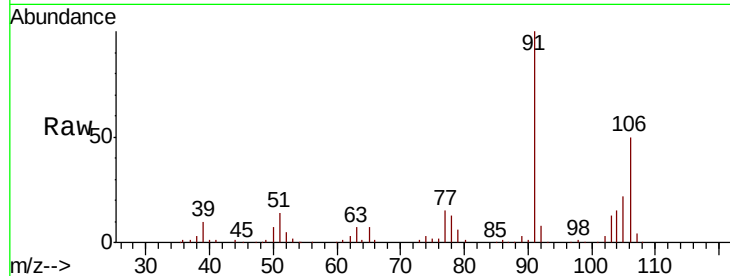




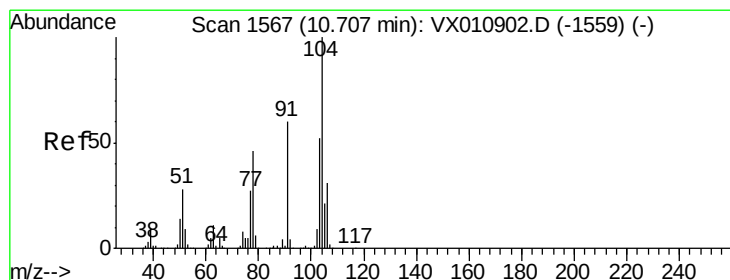
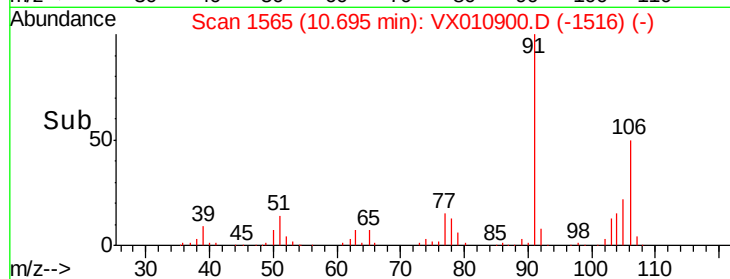
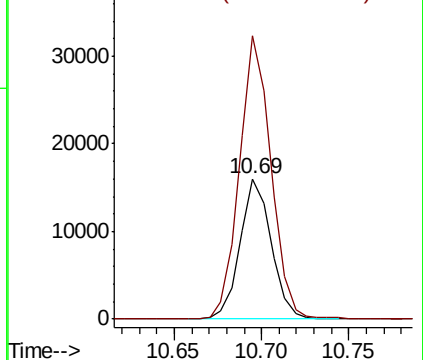
#69
o-Xylene
Concen: 5.020 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 19844
Ion Ratio Lower Upper
106 100
91 204.9 105.1 315.3

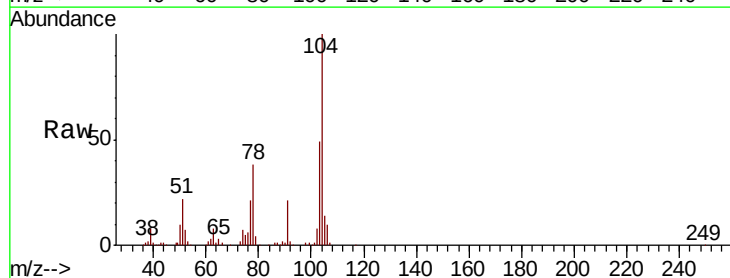


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

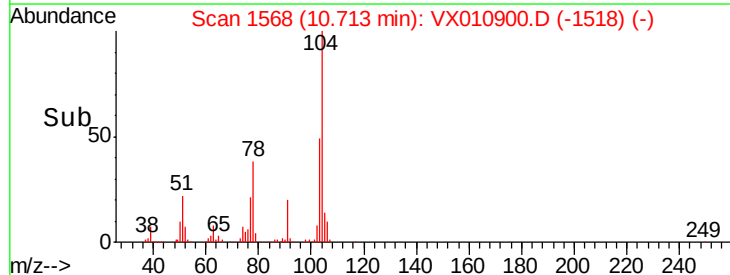
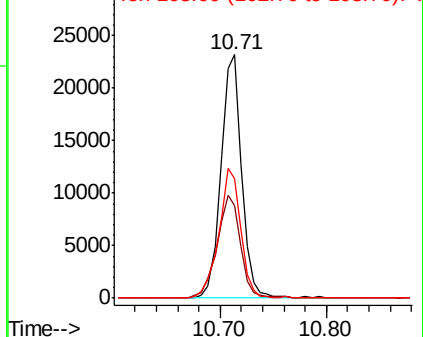


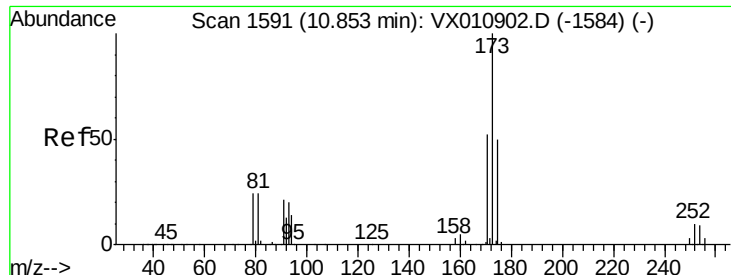
#70
Styrene
Concen: 4.757 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:104 Resp: 31529
Ion Ratio Lower Upper
104 100
78 47.3 38.8 58.2
103 55.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.555 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

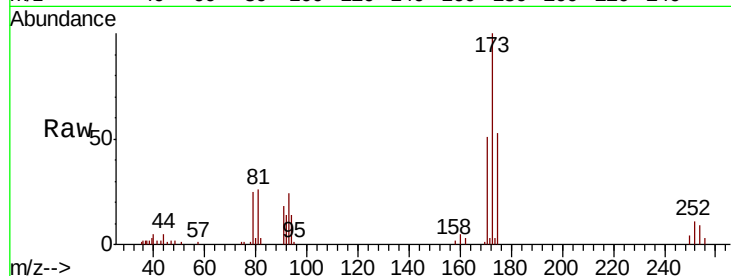
Tot Ion:173 Resp: 6770

Ion Ratio Lower Upper

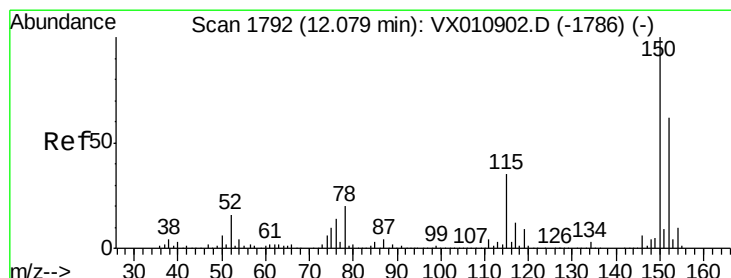
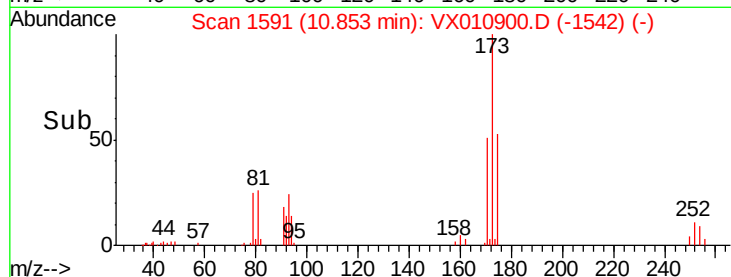
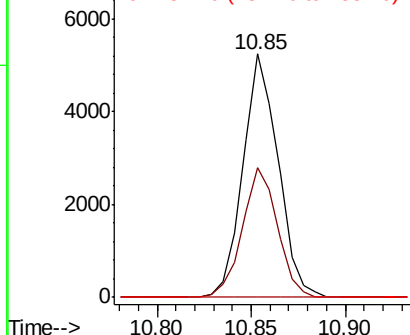
173 100

175 53.0 24.6 73.6

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

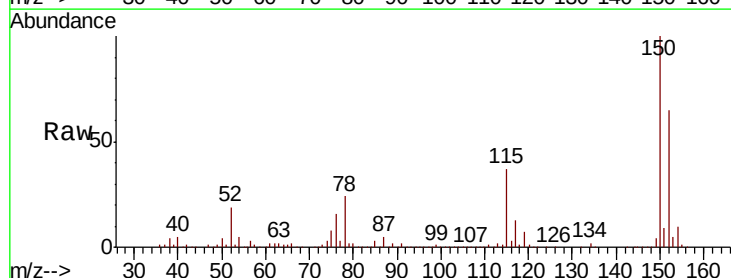
Tgt Ion:152 Resp: 147862

Ion Ratio Lower Upper

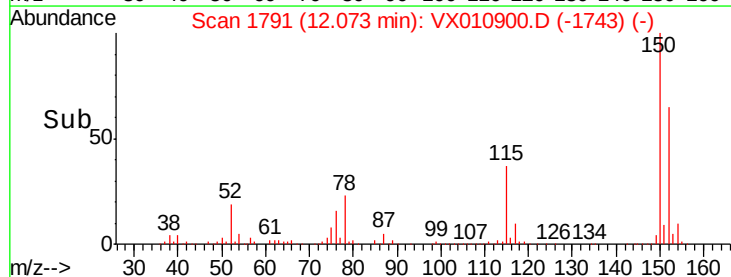
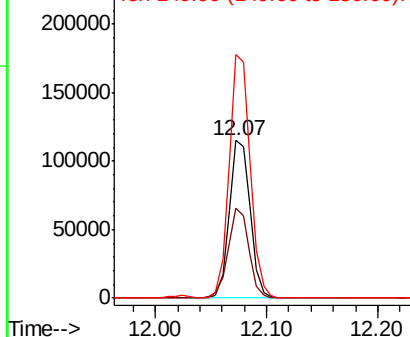
152 100

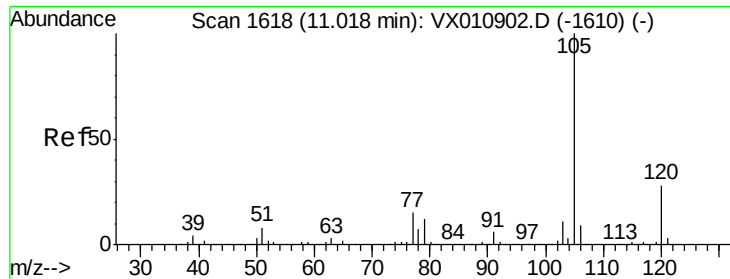
115 57.2 39.7 119.1

150 155.6 0.0 345.6



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





#73

Isopropylbenzene

Concen: 5.313 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

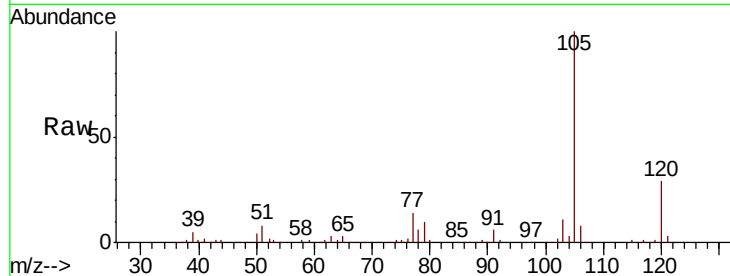
VSTDIC005

Tot Ion:105 Resp: 53147

Ion Ratio Lower Upper

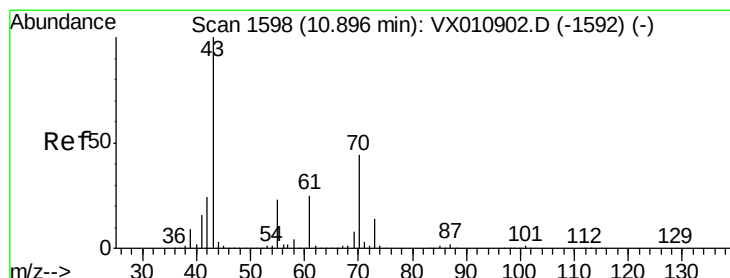
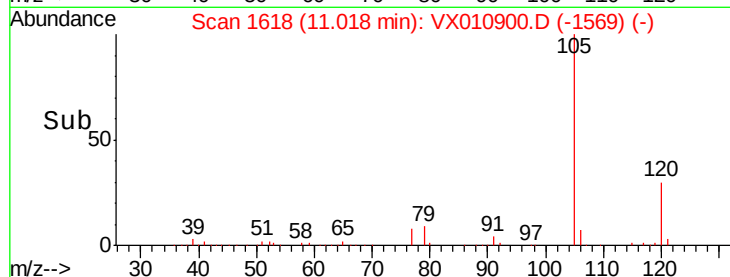
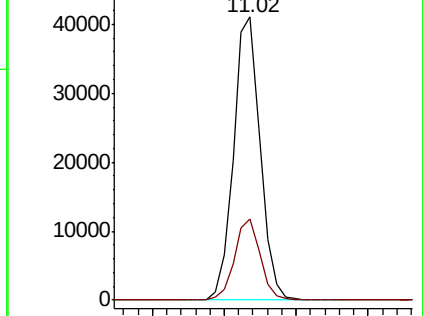
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.831 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Tgt Ion: 43 Resp: 18297

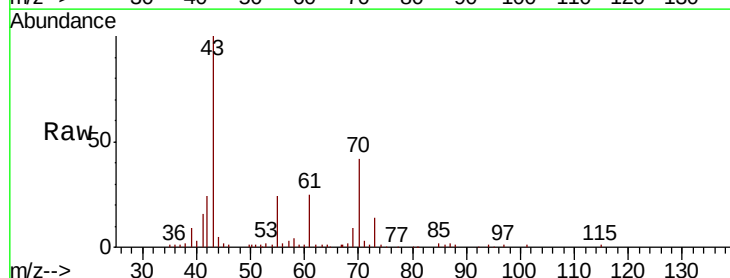
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 26.2 19.1 28.7

61 25.6 19.9 29.9

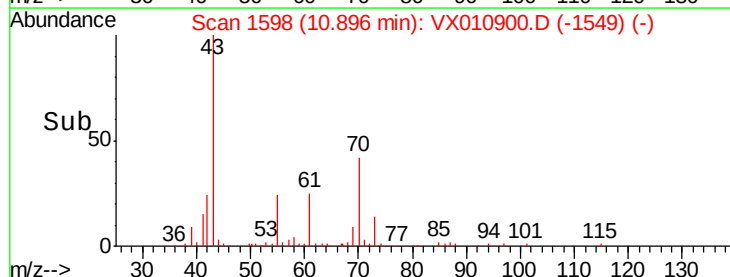
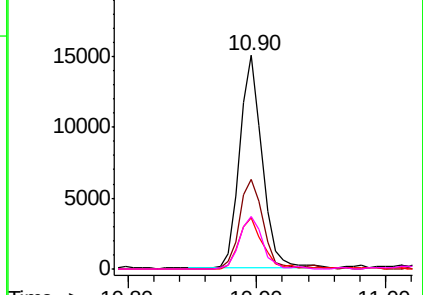


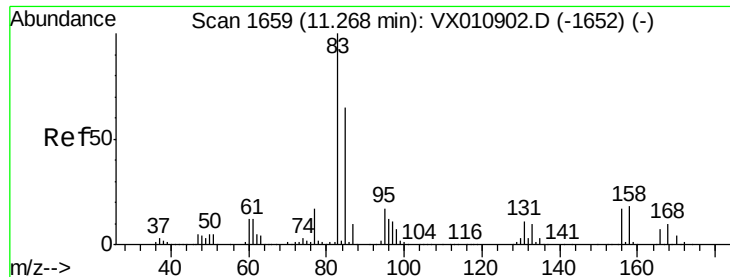
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.171 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

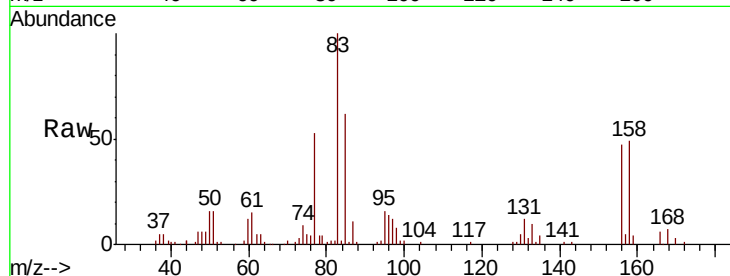
Tot Ion: 83 Resp: 17111

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

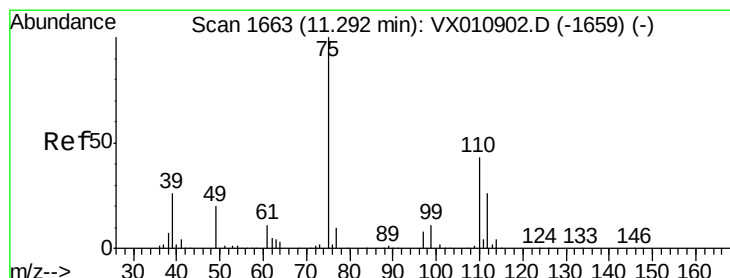
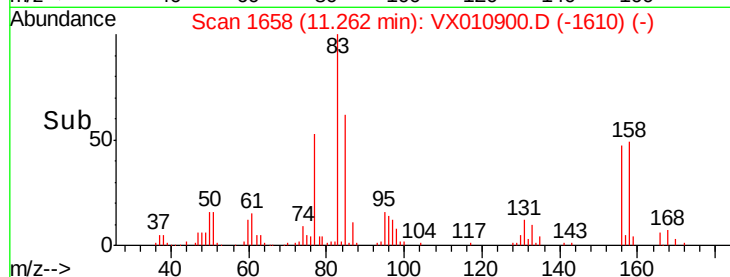
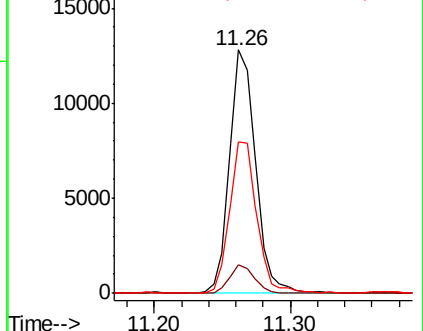
85 65.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.244 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010900.D

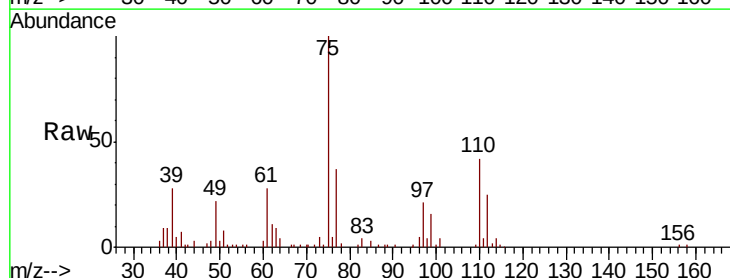
Acq: 16 Jul 2019 10:06

Tgt Ion: 75 Resp: 16792

Ion Ratio Lower Upper

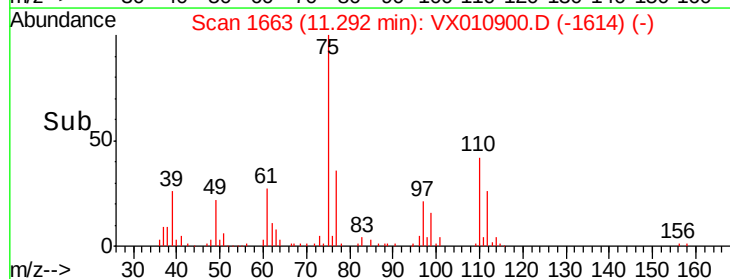
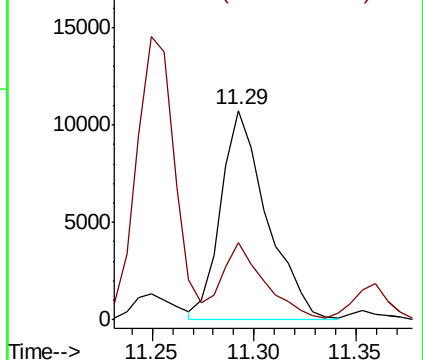
75 100

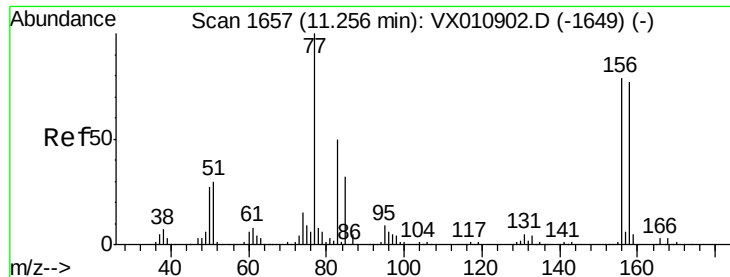
77 34.6 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.014 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

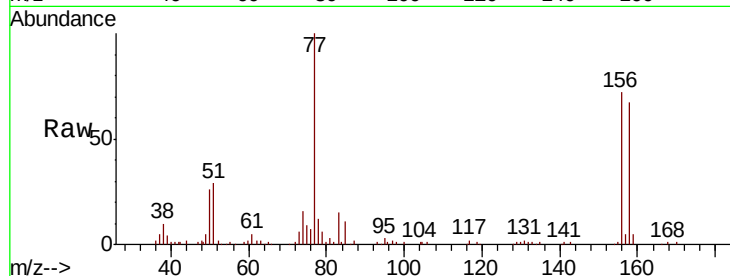
Tot Ion:156 Resp: 13977

Ion Ratio Lower Upper

156 100

77 135.4 68.7 206.1

158 96.0 47.9 143.7

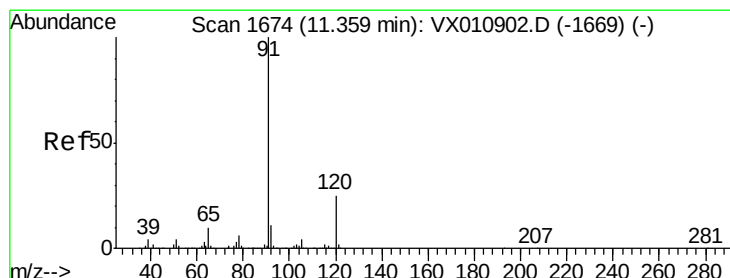
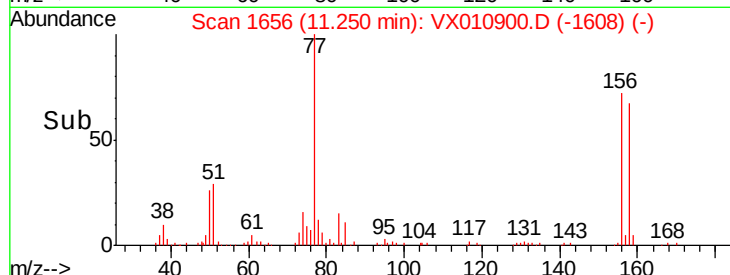
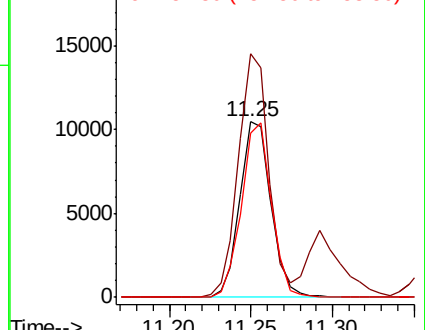


Abundance

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: 5.023 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010900.D

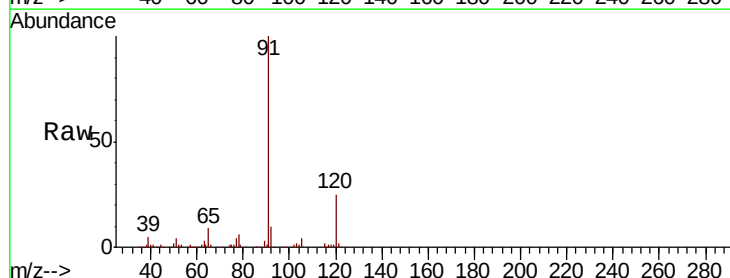
Acq: 16 Jul 2019 10:06

Tgt Ion: 91 Resp: 55279

Ion Ratio Lower Upper

91 100

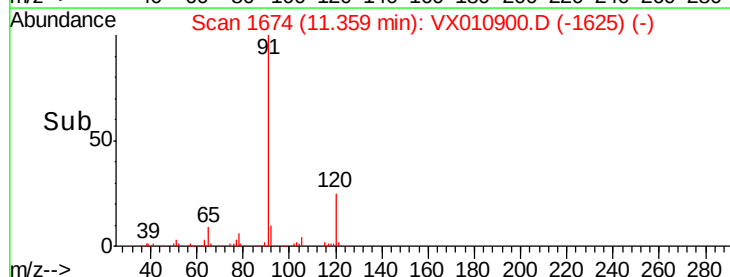
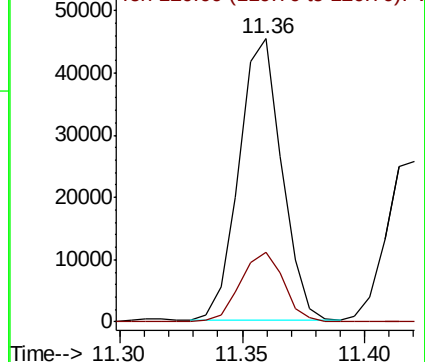
120 25.1 12.3 36.8

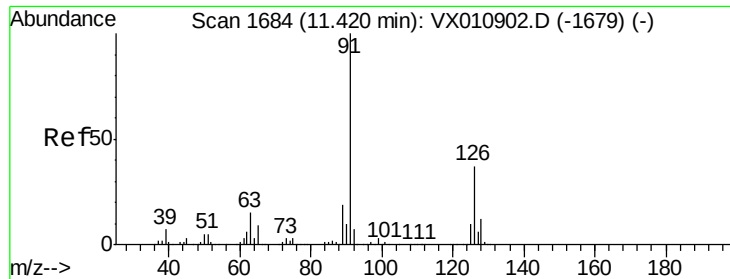


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.091 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampled :

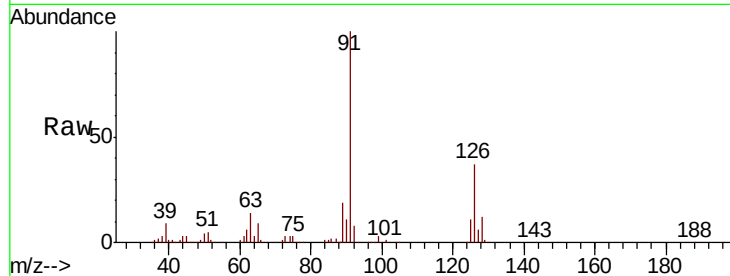
VSTDIC005

Tot Ion: 91 Resp: 33409

Ion Ratio Lower Upper

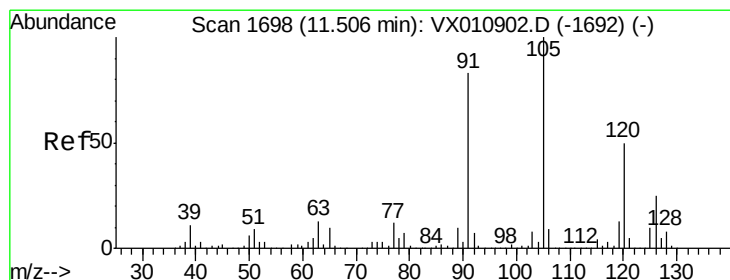
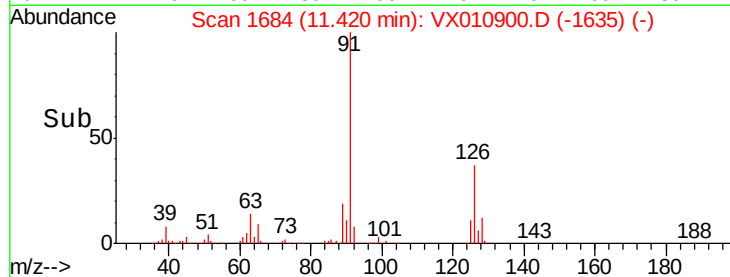
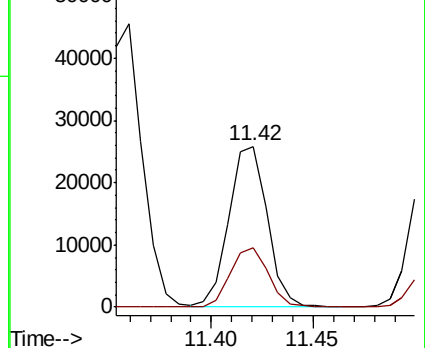
91 100

126 36.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.041 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010900.D

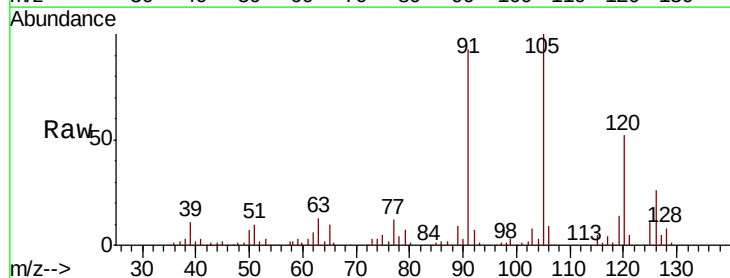
Acq: 16 Jul 2019 10:06

Tgt Ion:105 Resp: 41689

Ion Ratio Lower Upper

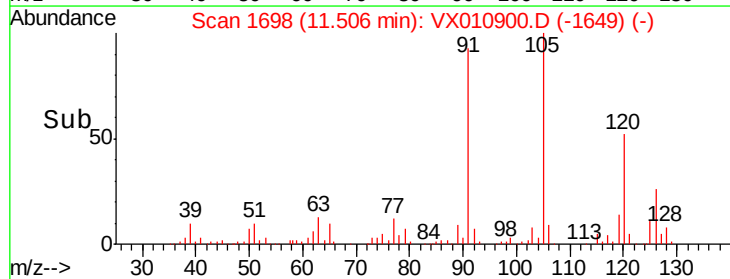
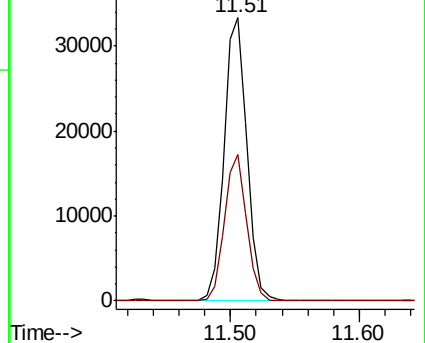
105 100

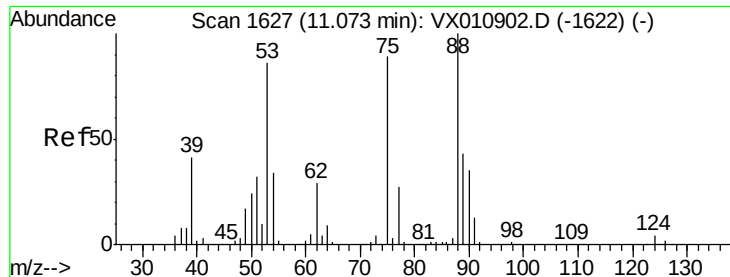
120 50.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 3.379 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

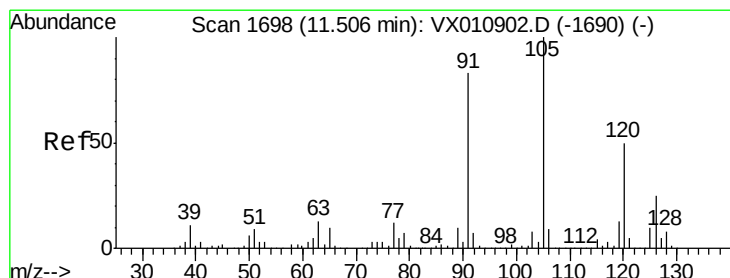
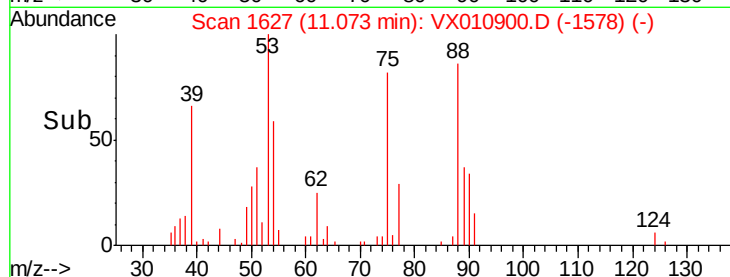
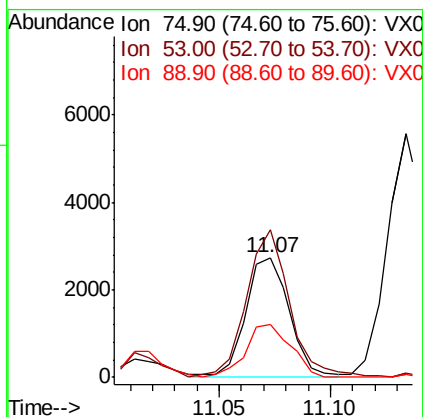
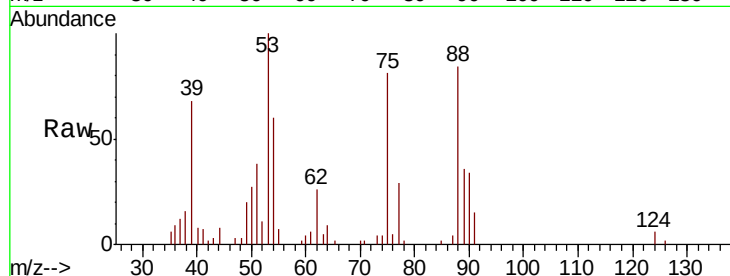
Tot Ion: 75 Resp: 3775

Ion Ratio Lower Upper

75 100

53 121.2 76.7 115.1#

89 45.1 38.5 57.7



#82

4-Chlorotoluene

Concen: 5.351 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010900.D

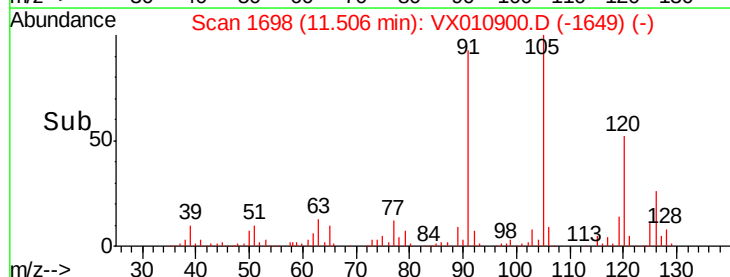
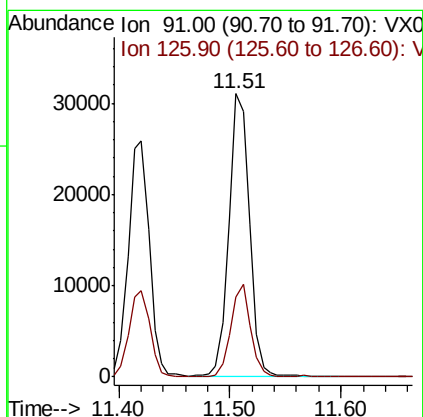
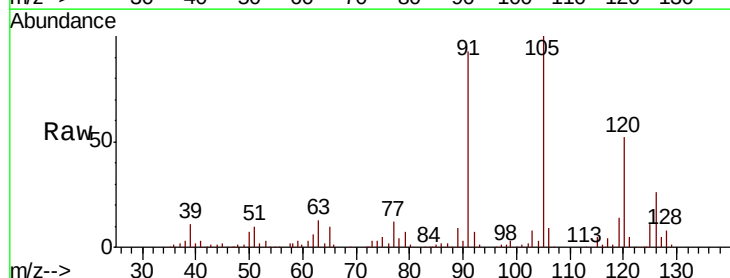
Acq: 16 Jul 2019 10:06

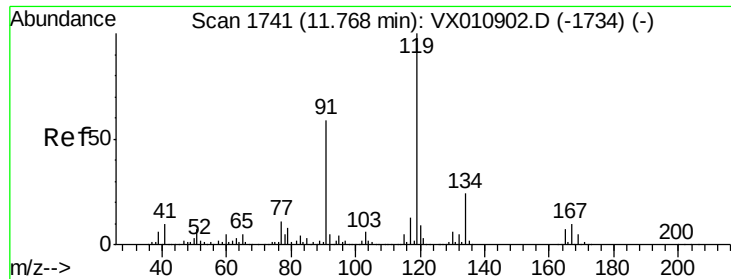
Tgt Ion: 91 Resp: 40004

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7

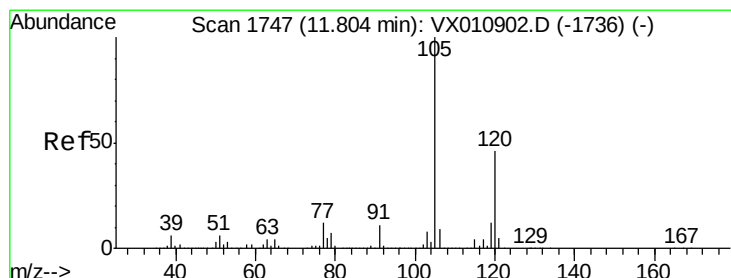
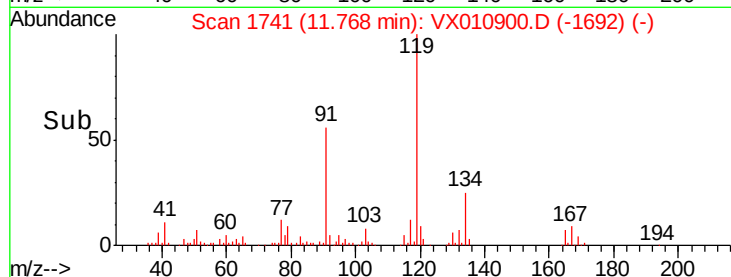
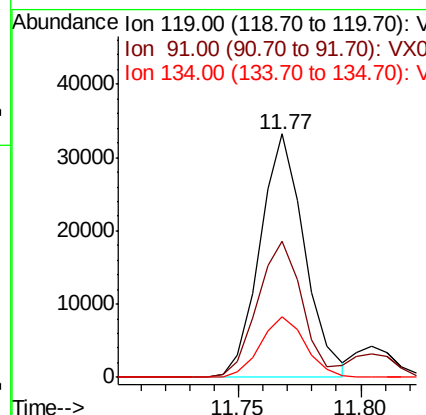
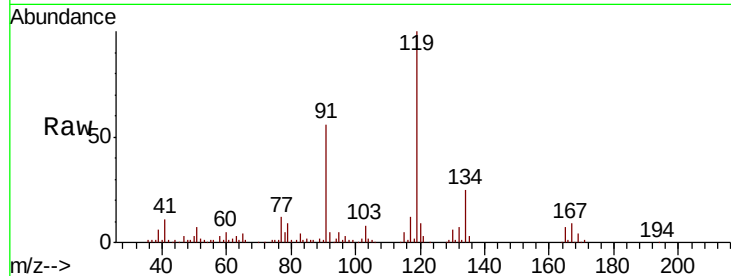




#83
 tert-Butylbenzene
 Concen: 5.118 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

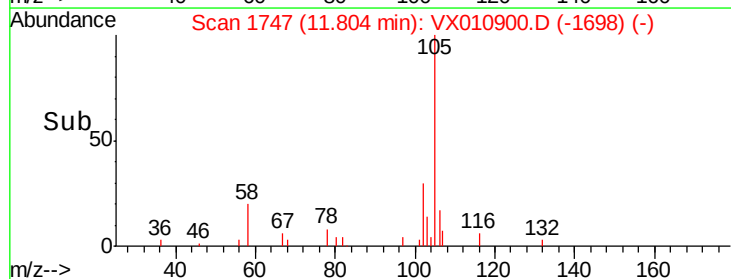
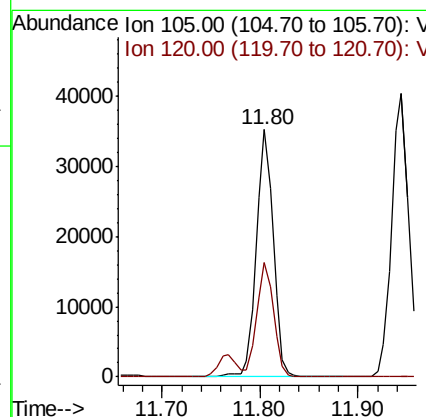
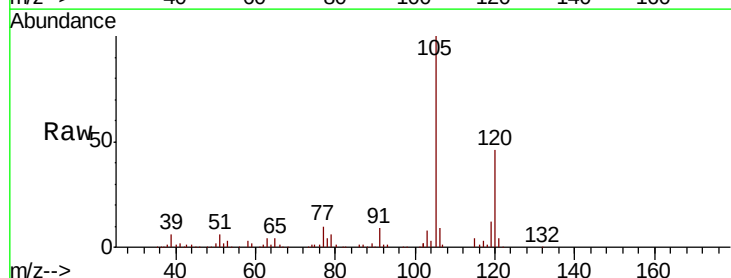
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

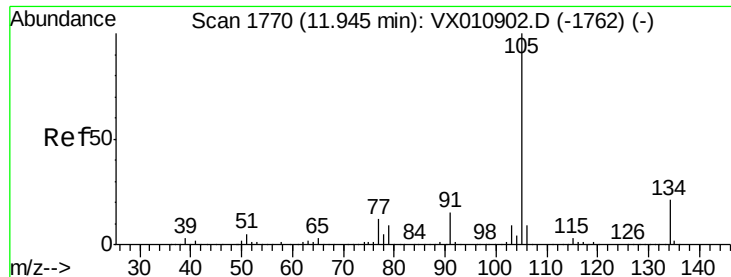
Tot Ion:119 Resp: 42369
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.6 85.8
 134 25.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.144 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion:105 Resp: 42675
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5

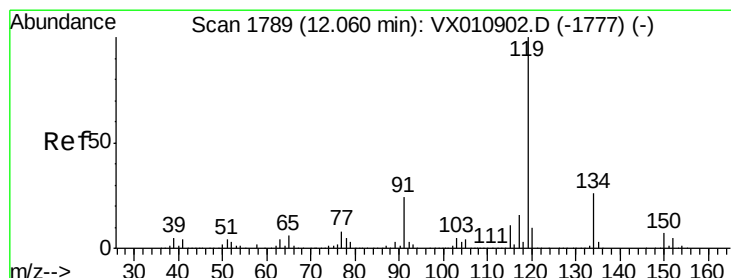
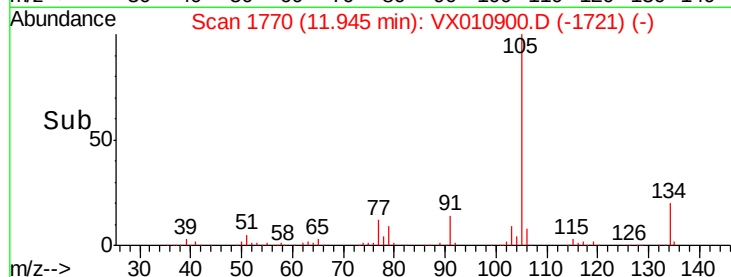
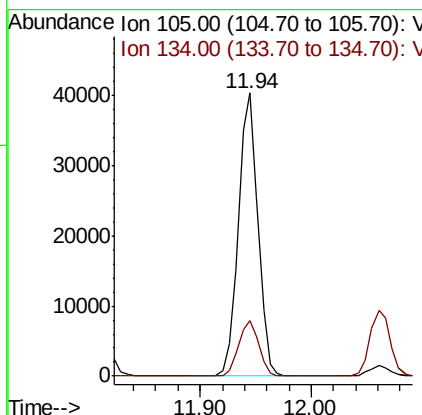
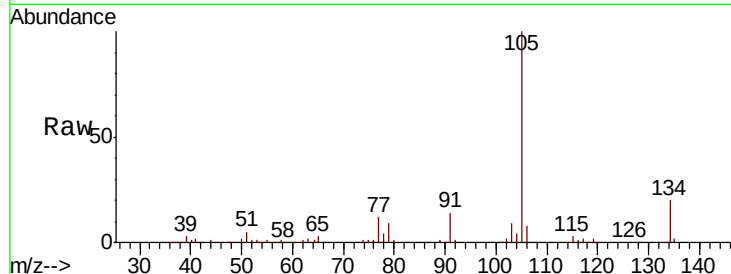




#85
 sec-Butylbenzene
 Concen: 5.026 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

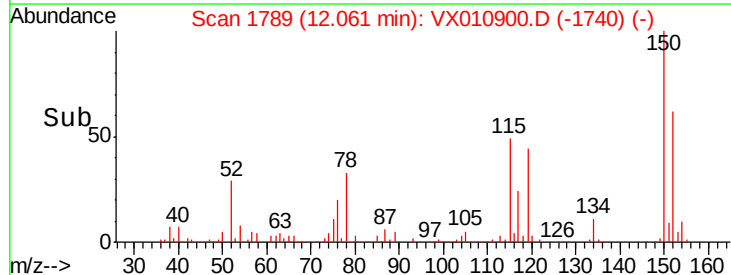
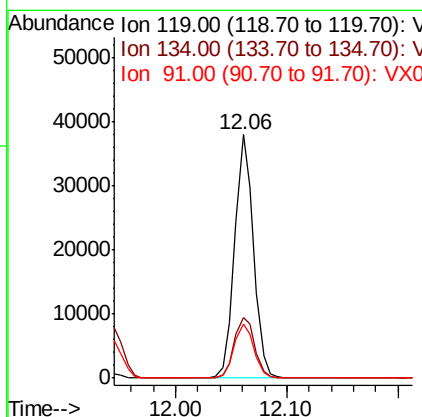
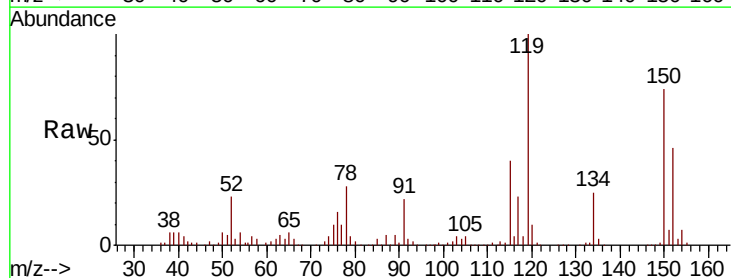
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

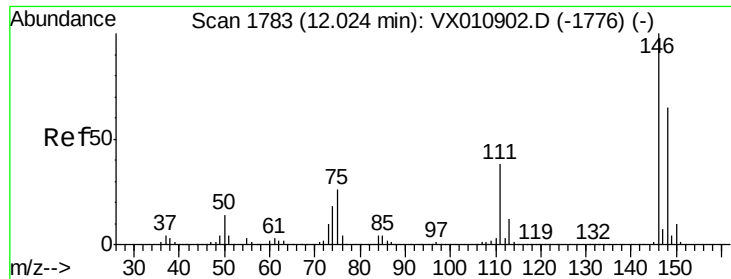
Tot Ion:105 Resp: 48856
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.947 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion:119 Resp: 44488
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.7 11.8 35.4

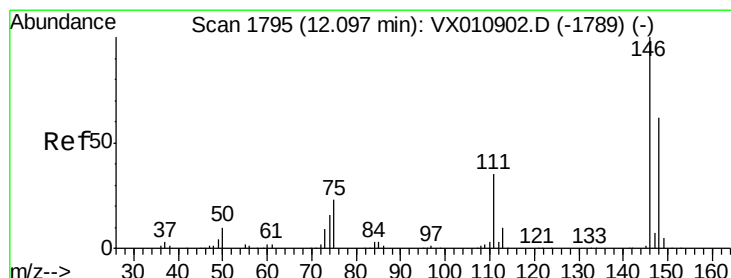
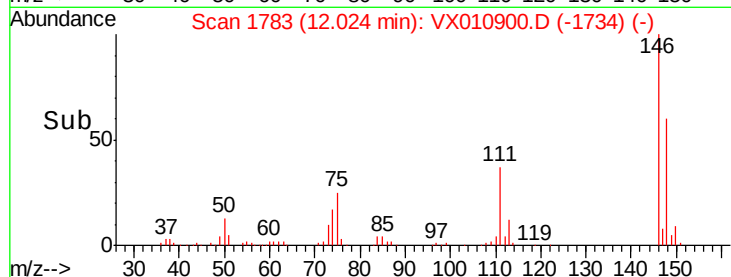
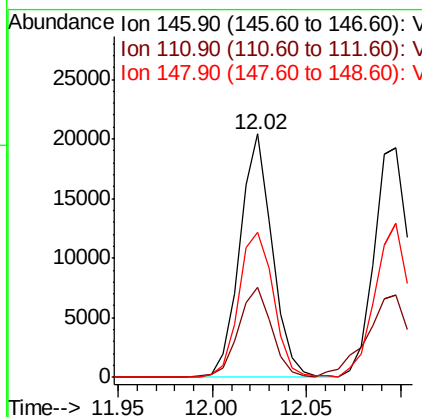
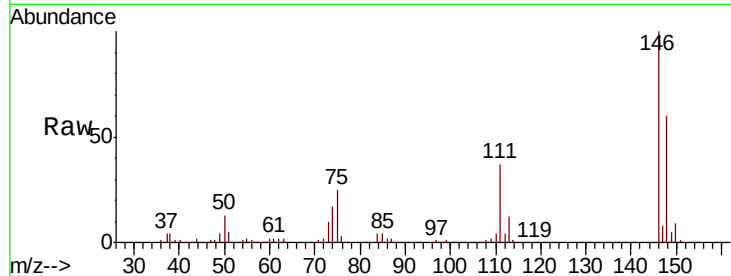




#87
 1,3-Dichlorobenzene
 Concen: 5.008 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

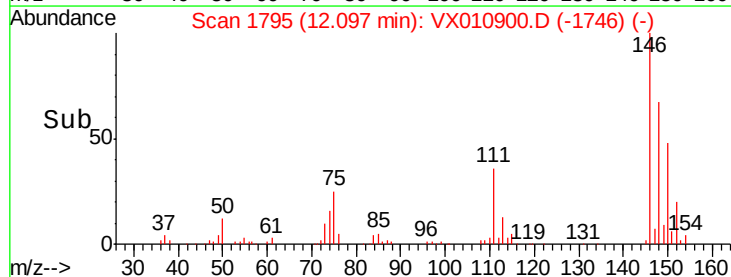
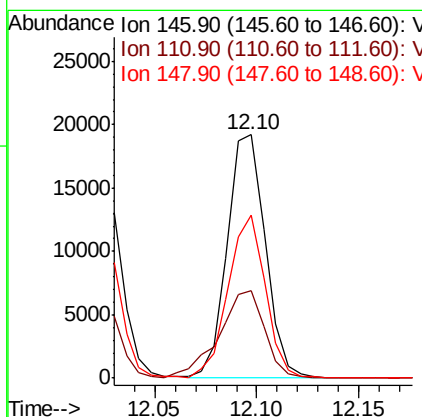
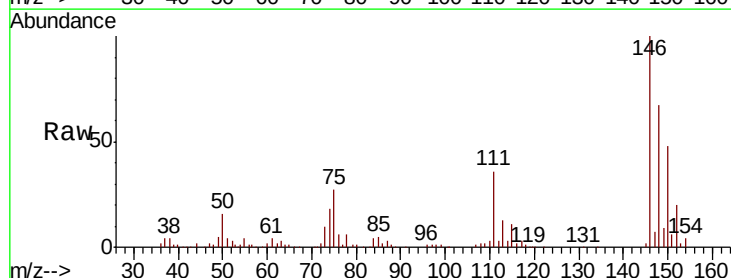
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

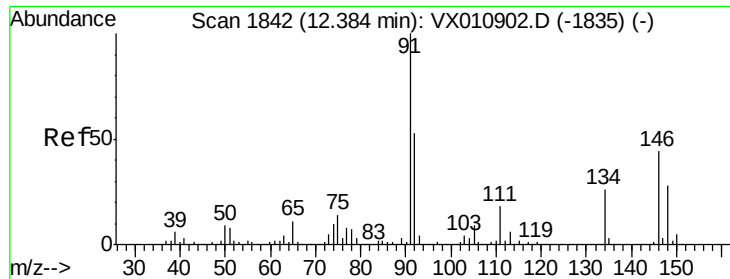
Tot Ion:146 Resp: 24412
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 5.001 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion:146 Resp: 24847
 Ion Ratio Lower Upper
 146 100
 111 42.9 18.6 55.8
 148 65.5 31.6 94.7





#89

n-Butylbenzene

Concen: 4.697 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

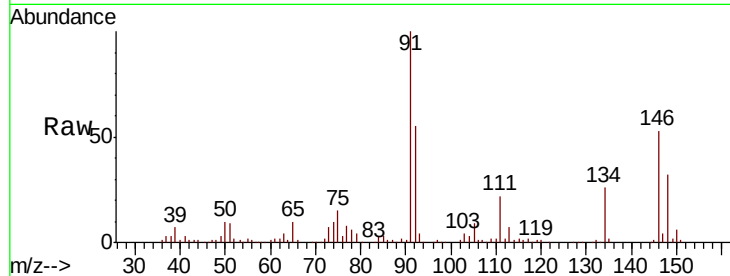
Tot Ion: 91 Resp: 35955

Ion Ratio Lower Upper

91 100

92 51.5 26.2 78.5

134 27.6 13.8 41.3

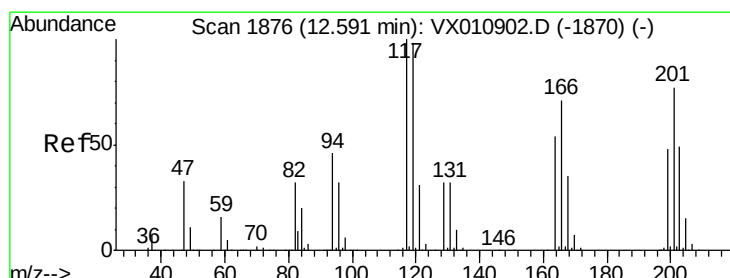
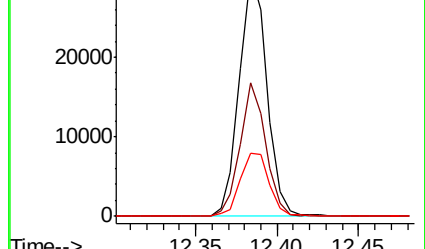
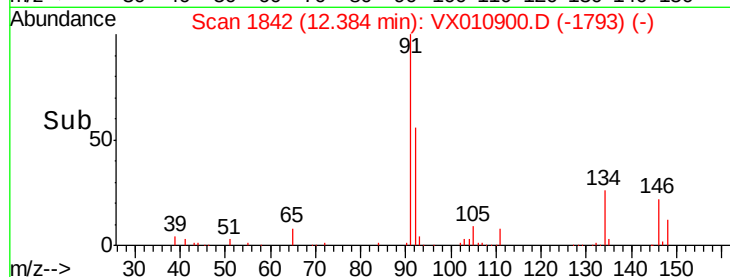


Abundance Ion 91.00 (90.70 to 91.70): VX010900.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX010900.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX010900.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 3.836 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX010900.D

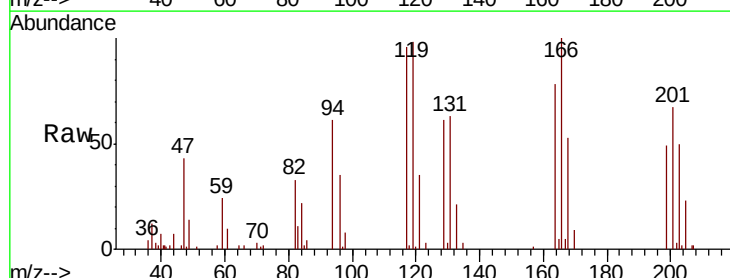
Acq: 16 Jul 2019 10:06

Tgt Ion: 117 Resp: 5848

Ion Ratio Lower Upper

117 100

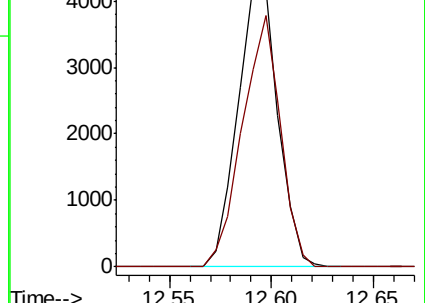
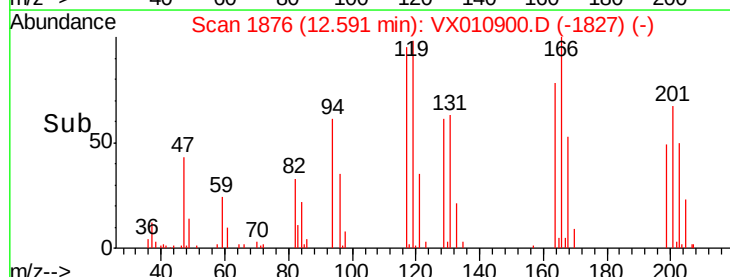
201 83.7 43.3 129.8

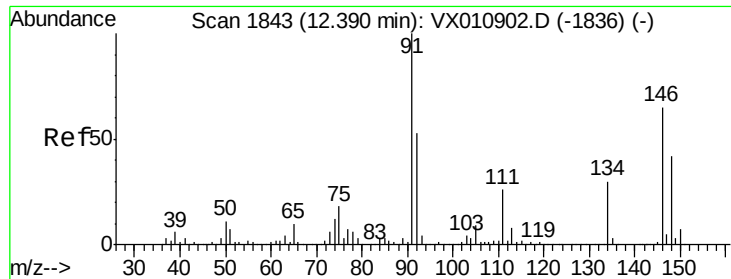


Abundance Ion 116.80 (116.50 to 117.50): VX010900.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX010900.D (-1827) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.241 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

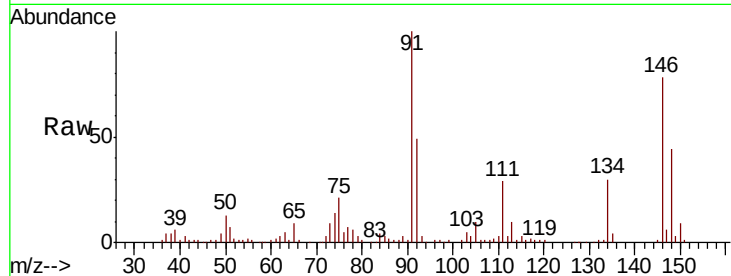
Tot Ion:146 Resp: 25404

Ion Ratio Lower Upper

146 100

111 38.0 19.9 59.7

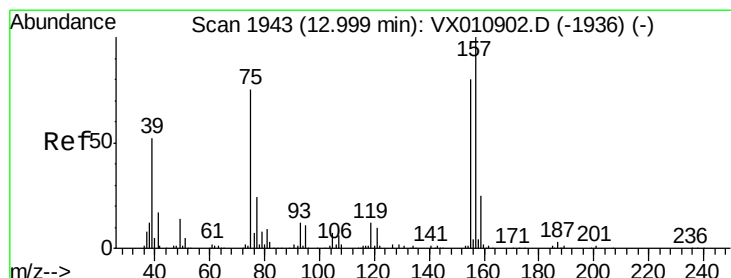
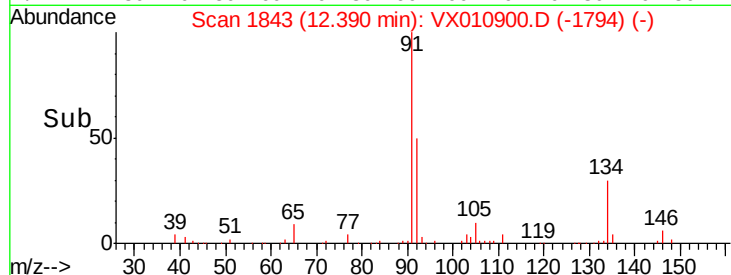
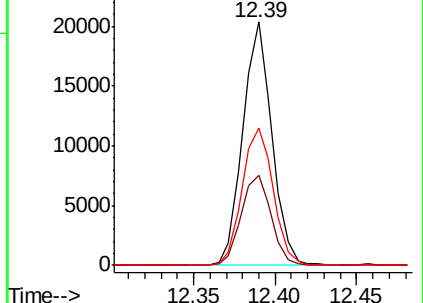
148 59.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.968 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010900.D

Acq: 16 Jul 2019 10:06

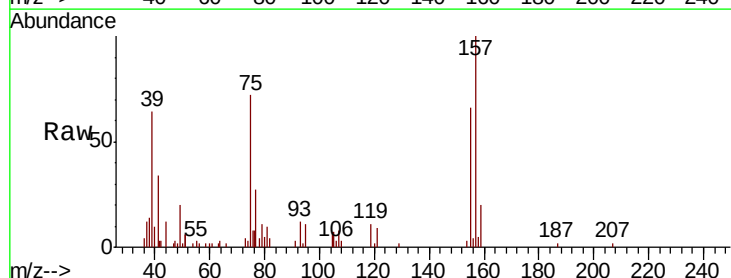
Tgt Ion: 75 Resp: 2844

Ion Ratio Lower Upper

75 100

155 99.3 48.7 146.1

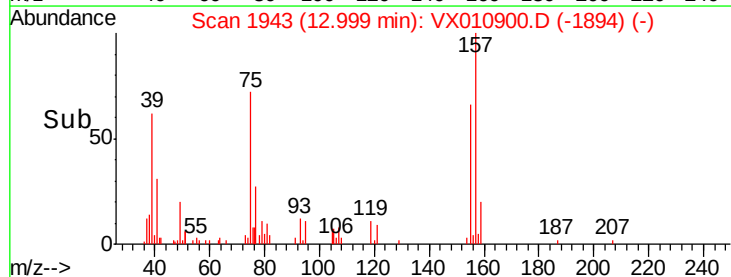
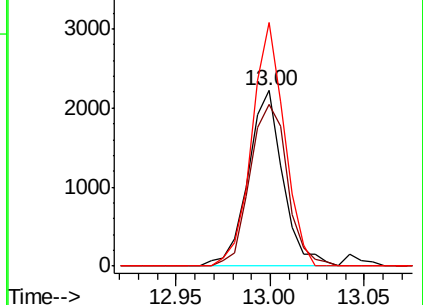
157 129.1 62.5 187.6

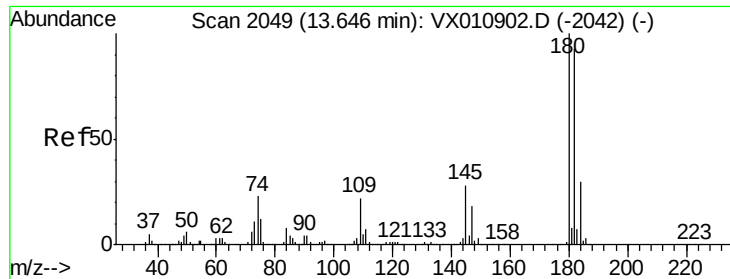


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

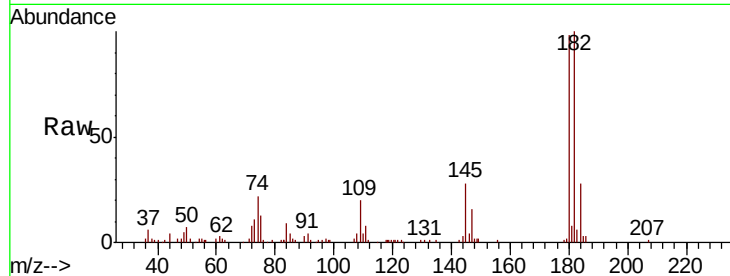




#93
 1,2,4-Trichlorobenzene
 Concen: 4.610 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.3
145	30.4	14.8	44.4

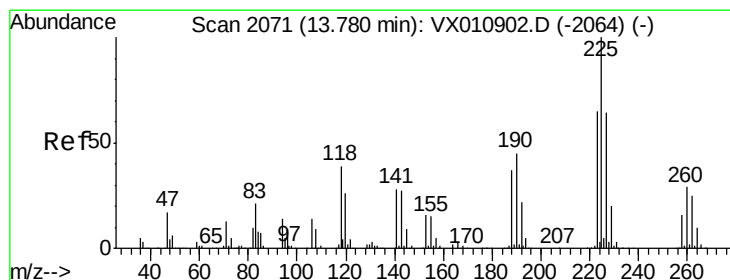
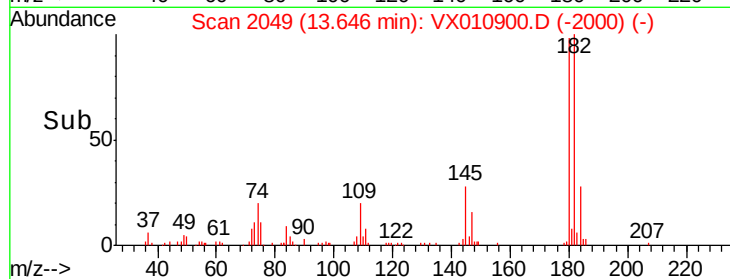
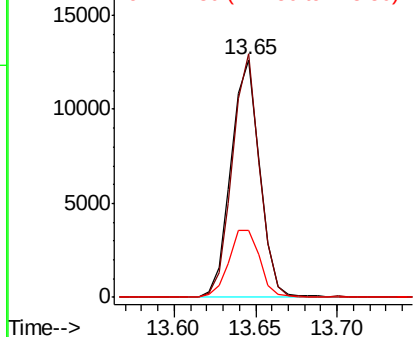


Abundance

Ion 179.80 (179.50 to 180.50): V

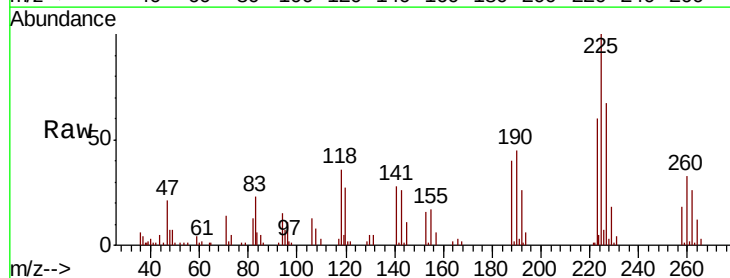
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 4.784 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010900.D
 Acq: 16 Jul 2019 10:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.9
227	66.6	32.5	97.4

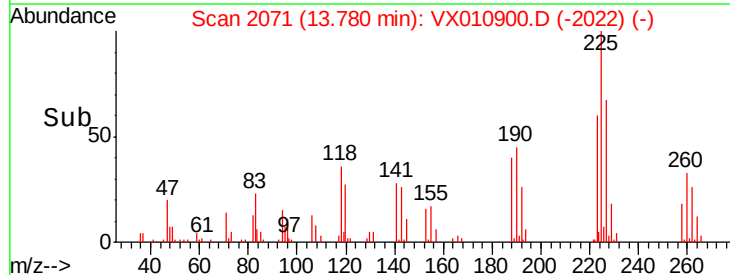
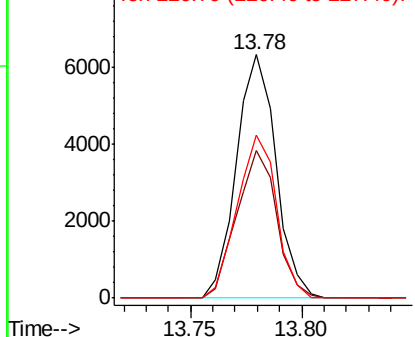


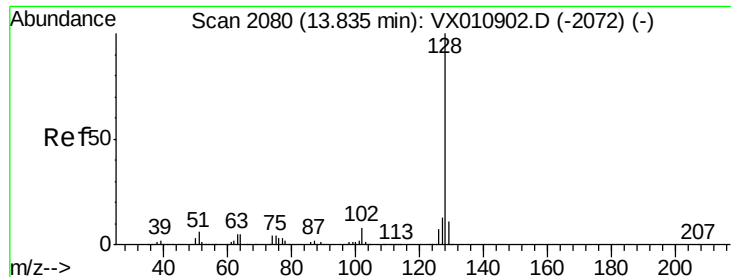
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

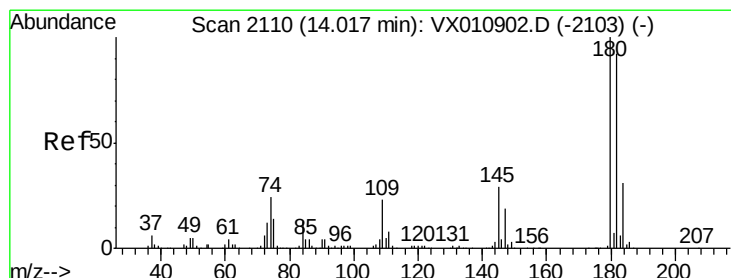
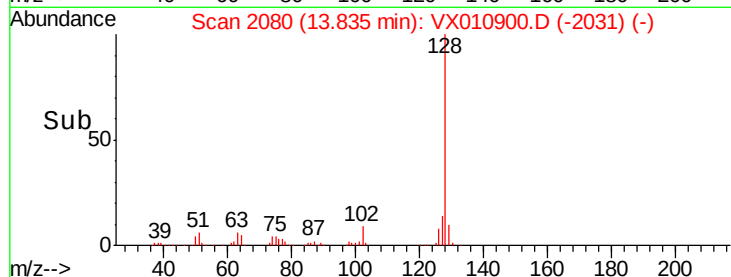
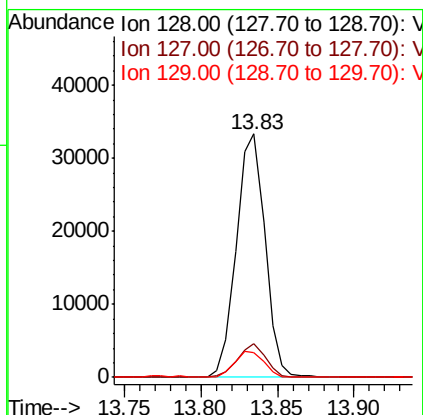
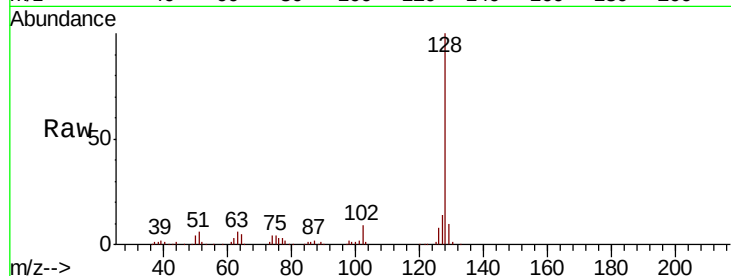




#95
Naphthalene
Concen: 4.243 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 43398
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.523 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010900.D
Acq: 16 Jul 2019 10:06

Tgt Ion:180 Resp: 15030
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.7 15.1 45.3

