

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010472.D
 Acq On : 26 Jun 2019 18:53
 Operator : JC/SP
 Sample : K3527-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 01:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175169	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	123354	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	5.50	113	119293	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
50) Toluene-d8	8.71	98	448920	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	159478	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79950	45.568	ug/l	99
3) Chloromethane	1.32	50	84393	41.307	ug/l	99
4) Vinyl Chloride	1.41	62	100622	44.966	ug/l	98
5) Bromomethane	1.64	94	52472	48.131	ug/l	99
6) Chloroethane	1.71	64	66346	50.253	ug/l	95
7) Trichlorofluoromethane	1.92	101	179382	50.568	ug/l	98
8) Diethyl Ether	2.19	74	64915	51.028	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104430	48.578	ug/l	99
10) Methyl Iodide	2.51	142	153104	49.904	ug/l	98
11) Tert butyl alcohol	3.05	59	150071	242.379	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104655	47.843	ug/l	97
13) Acrolein	2.29	56	85655	208.541	ug/l	99
14) Allyl chloride	2.73	41	152154	48.994	ug/l	99
15) Acrylonitrile	3.14	53	312367	254.814	ug/l	99
16) Acetone	2.45	43	245053	206.644	ug/l	98
17) Carbon Disulfide	2.57	76	251196	42.803	ug/l	99
18) Methyl Acetate	2.78	43	114936	48.629	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	346483	50.349	ug/l	98
20) Methylene Chloride	2.85	84	119575	48.997	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112532	47.832	ug/l	100
22) Diisopropyl ether	3.85	45	325387	50.113	ug/l	97
23) Vinyl Acetate	3.82	43	1344779	239.741	ug/l	100
24) 1,1-Dichloroethane	3.70	63	187705	50.012	ug/l	99
25) 2-Butanone	4.67	43	418181	240.400	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143753	44.091	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	135075	49.684	ug/l	99
28) Bromochloromethane	5.02	49	91311	50.884	ug/l	97
29) Tetrahydrofuran	5.13	42	278882	258.830	ug/l	99
30) Chloroform	5.21	83	202440	50.130	ug/l	99
31) Cyclohexane	5.58	56	166282	48.651	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	178388	50.028	ug/l	100
36) 1,1-Dichloropropene	5.80	75	146265	48.362	ug/l	98
37) Ethyl Acetate	4.84	43	150805	48.469	ug/l	100
38) Carbon Tetrachloride	5.79	117	160408	48.980	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010472.D
 Acq On : 26 Jun 2019 18:53
 Operator : JC/SP
 Sample : K3527-19MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 01:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182529	45.914	ug/l	99
40) Benzene	6.14	78	465859	49.442	ug/l	99
41) Methacrylonitrile	5.04	41	86152	50.466	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148265	51.693	ug/l	99
43) Isopropyl Acetate	6.45	43	248388	48.252	ug/l	99
44) Trichloroethene	7.21	130	135949	48.219	ug/l	99
45) 1,2-Dichloropropane	7.51	63	118196	49.674	ug/l	99
46) Dibromomethane	7.66	93	86282	50.541	ug/l	98
47) Bromodichloromethane	7.90	83	156838	50.130	ug/l	100
48) Methyl methacrylate	7.77	41	123198	51.489	ug/l	99
49) 1,4-Dioxane	7.74	88	67776	983.287	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	832266	252.795	ug/l	99
52) Toluene	8.79	92	301772	48.634	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169649	48.366	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186121	48.828	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129491	50.601	ug/l	99
56) Ethyl methacrylate	9.18	69	190318	49.094	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200546	50.484	ug/l	100
59) 2-Hexanone	9.49	43	636607	245.687	ug/l	99
60) Dibromochloromethane	9.58	129	143052	49.926	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138340	50.083	ug/l	99
64) Tetrachloroethene	9.34	164	133116	47.844	ug/l	96
65) Chlorobenzene	10.14	112	340863	48.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130480	51.293	ug/l	99
67) Ethyl Benzene	10.25	91	580896	49.270	ug/l	99
68) m/p-Xylenes	10.36	106	443350	97.049	ug/l	99
69) o-Xylene	10.69	106	219601	48.881	ug/l	98
70) Styrene	10.71	104	371071	49.252	ug/l	100
71) Bromoform	10.85	173	109343	49.428	ug/l	98
73) Isopropylbenzene	11.02	105	582417	49.049	ug/l	99
74) N-amyl acetate	10.90	43	207322	46.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	196089	49.864	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	214276	67.128	ug/l	80
77) Bromobenzene	11.26	156	159953	48.242	ug/l	99
78) n-propylbenzene	11.36	91	642739	49.251	ug/l	100
79) 2-Chlorotoluene	11.42	91	374053	48.133	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	476281	48.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60662	44.335	ug/l	94
82) 4-Chlorotoluene	11.51	91	432751	48.938	ug/l	99
83) tert-Butylbenzene	11.77	119	484127	49.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	480804	48.888	ug/l	100
85) sec-Butylbenzene	11.94	105	559300	48.483	ug/l	100
86) p-Isopropyltoluene	12.06	119	517905	48.537	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276211	47.724	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	275546	46.765	ug/l	100
89) n-Butylbenzene	12.38	91	431868	47.630	ug/l	100
90) Hexachloroethane	12.60	117	89822	48.683	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	276011	47.983	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39739	46.870	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	187968	47.121	ug/l	100

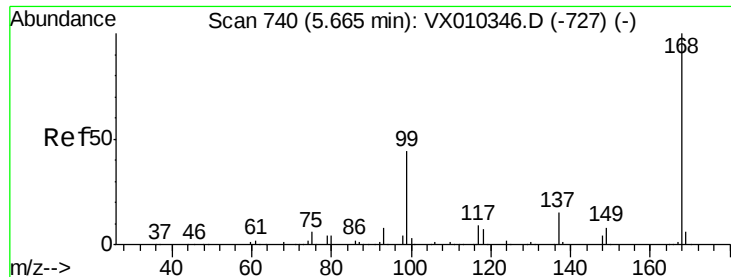
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
Data File : VX010472.D
Acq On : 26 Jun 2019 18:53
Operator : JC/SP
Sample : K3527-19MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 01:14:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85871	44.046	ug/l	99
95) Naphthalene	13.83	128	595266	48.559	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189216	47.708	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

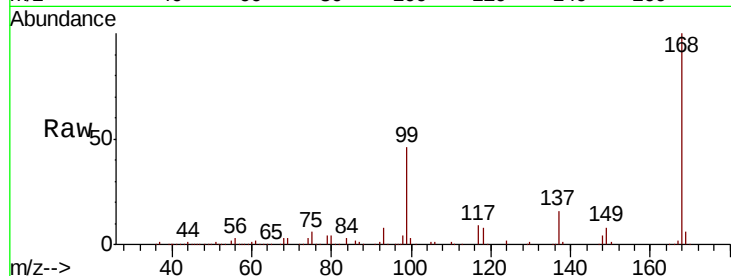
ClientSampleId :

Tot Ion:168 Resp: 252368

Ion Ratio Lower Upper

168 100

99 45.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

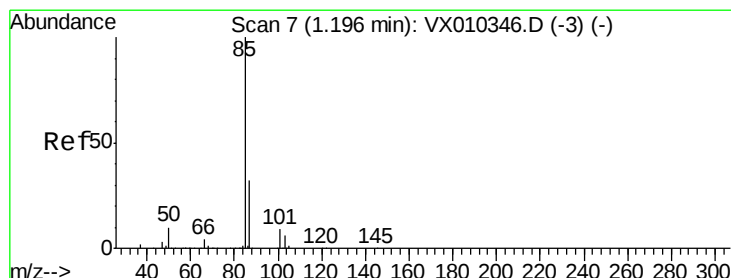
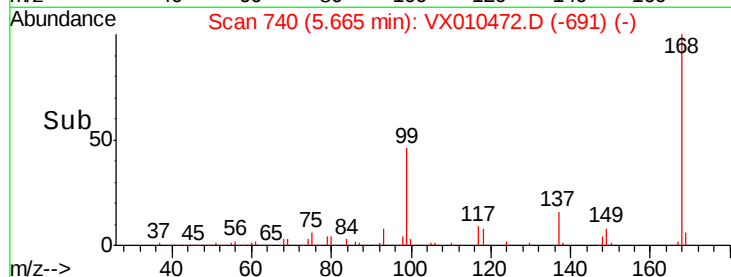
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 45.568 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010472.D

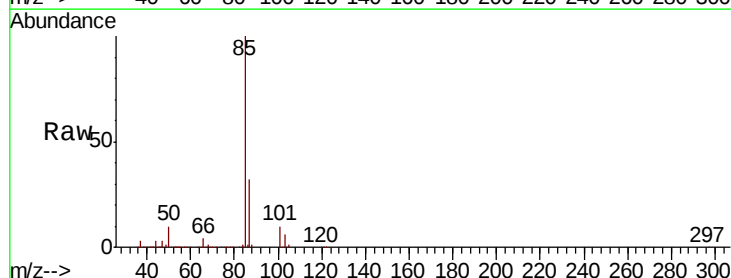
Acq: 26 Jun 2019 18:53

Tgt Ion: 85 Resp: 79950

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

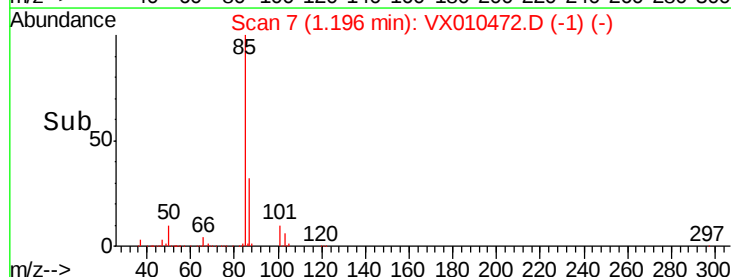
Time-->

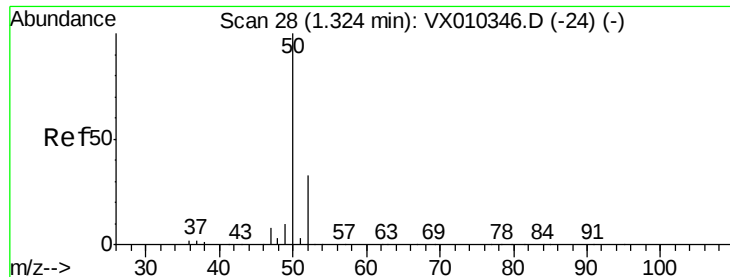
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 41.307 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

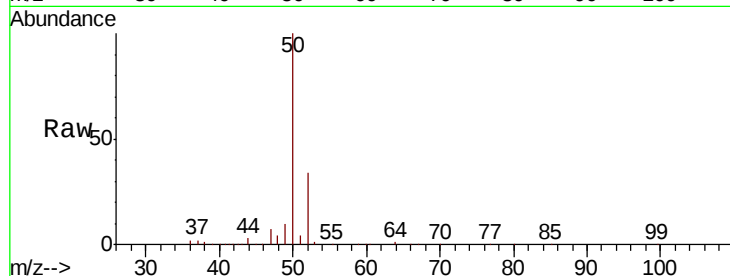
ClientSampleId :

Tot Ion: 50 Resp: 84393

Ion Ratio Lower Upper

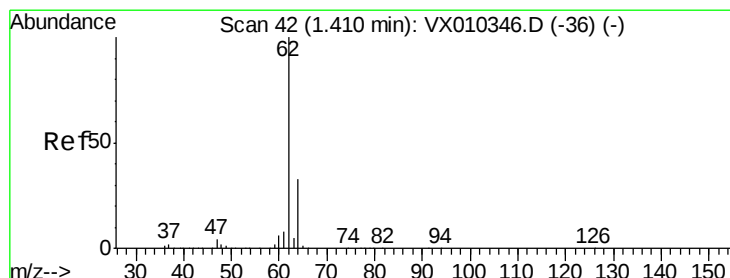
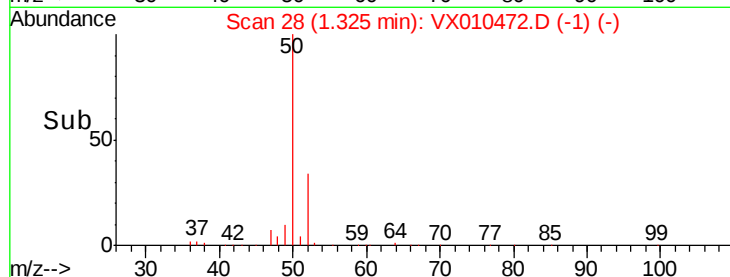
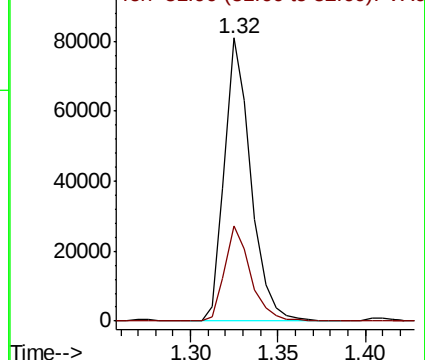
50 100

52 33.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.966 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010472.D

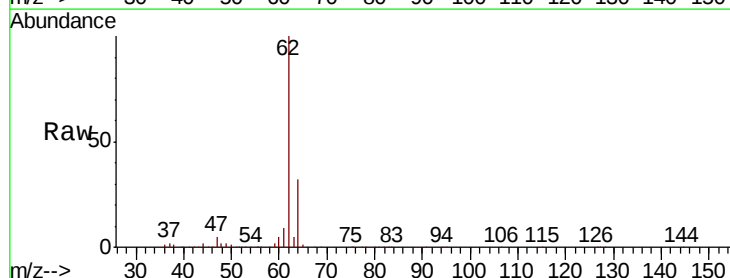
Acq: 26 Jun 2019 18:53

Tgt Ion: 62 Resp: 100622

Ion Ratio Lower Upper

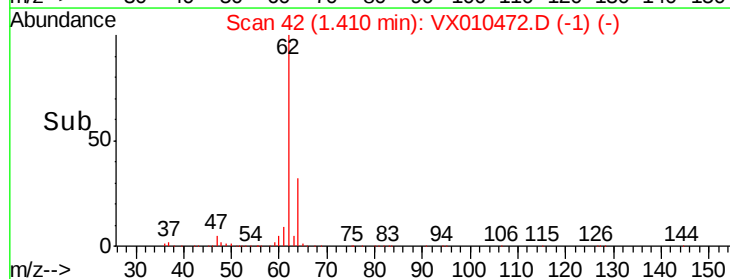
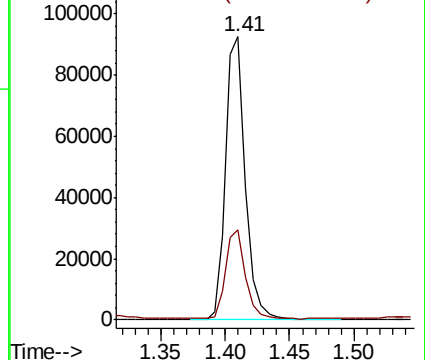
62 100

64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.131 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

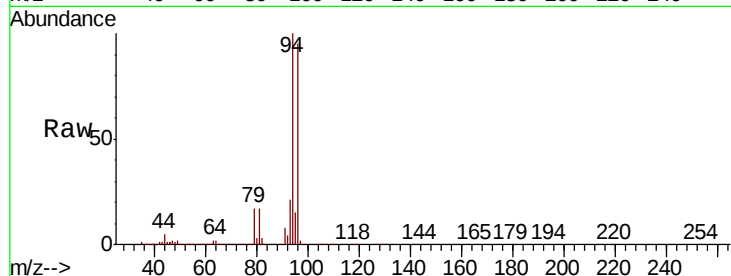
ClientSampleId :

Tot Ion: 94 Resp: 52472

Ion Ratio Lower Upper

94 100

96 95.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

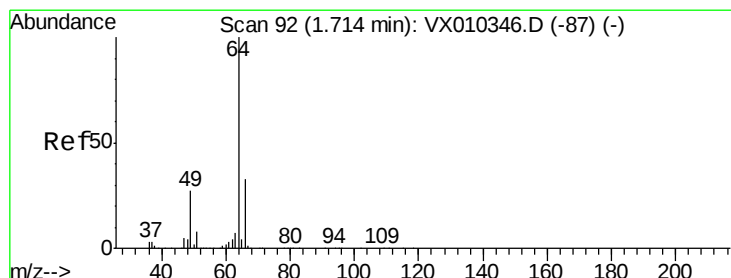
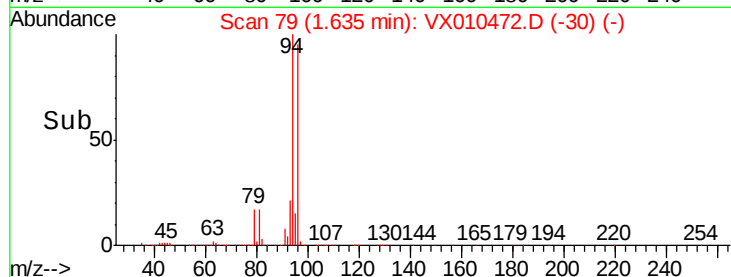
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 50.253 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010472.D

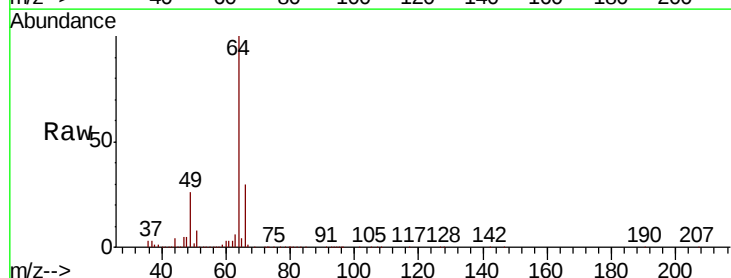
Acq: 26 Jun 2019 18:53

Tgt Ion: 64 Resp: 66346

Ion Ratio Lower Upper

64 100

66 30.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

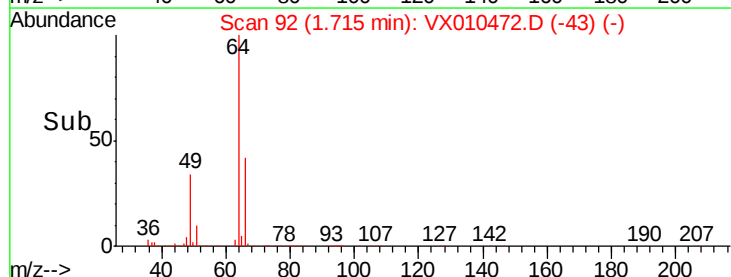
20000

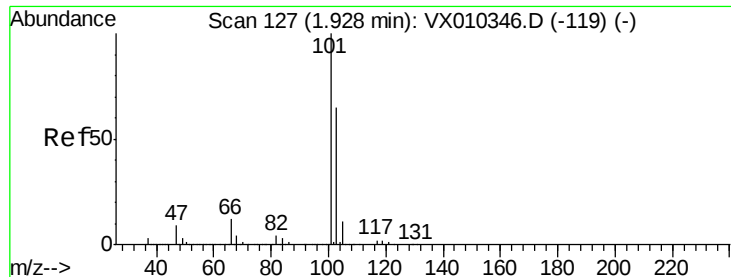
10000

0

Time-->

1.65 1.70 1.75 1.80



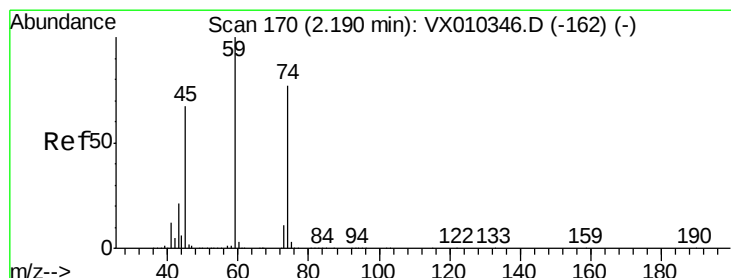
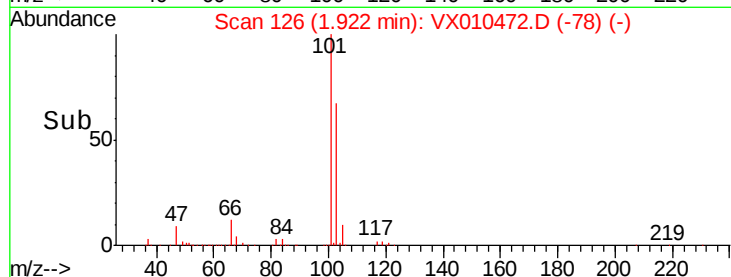
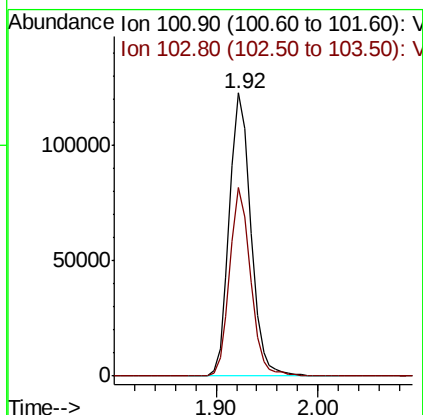
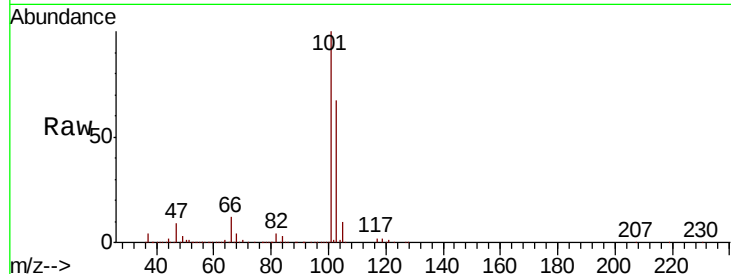


#7

Trichlorofluoromethane
 Concen: 50.568 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampled :

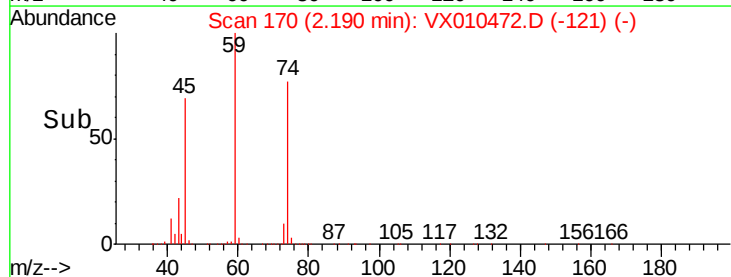
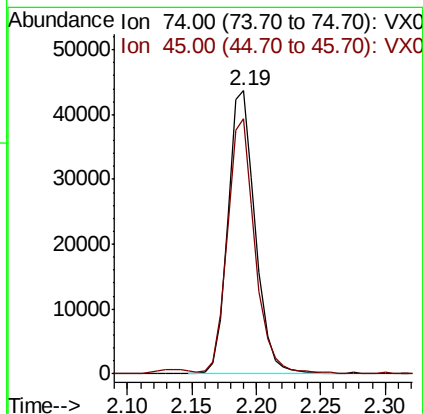
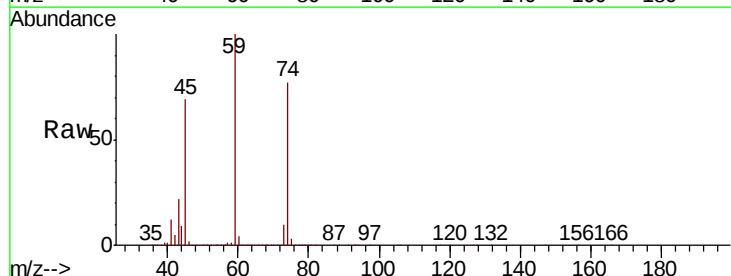
Tot Ion:101 Resp: 179382
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.3 78.5

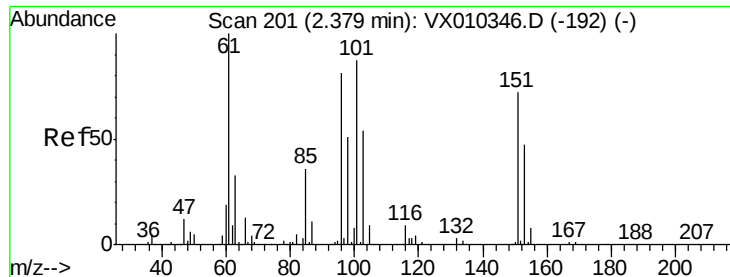


#8

Diethyl Ether
 Concen: 51.028 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion: 74 Resp: 64915
 Ion Ratio Lower Upper
 74 100
 45 91.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.578 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

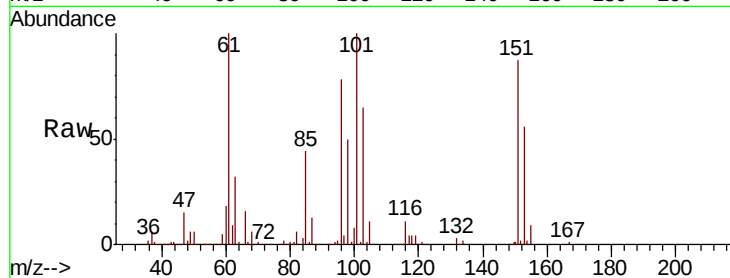
Tot Ion:101 Resp: 104430

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

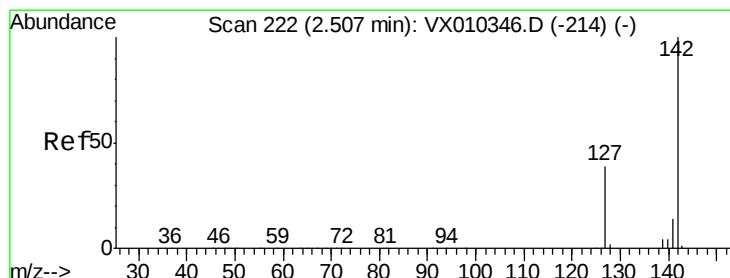
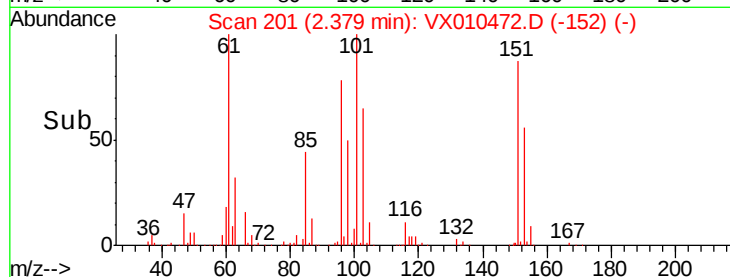
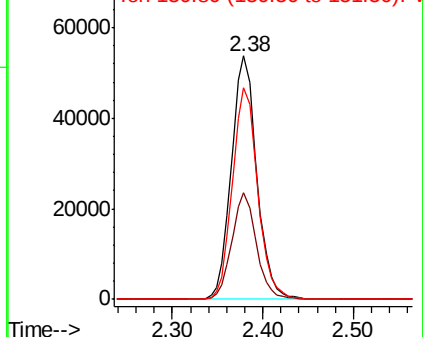
151 86.9 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.904 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

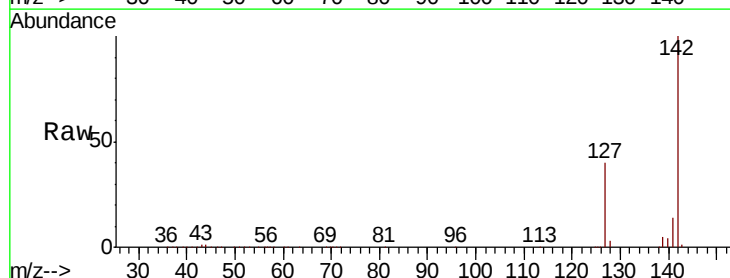
Tgt Ion:142 Resp: 153104

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

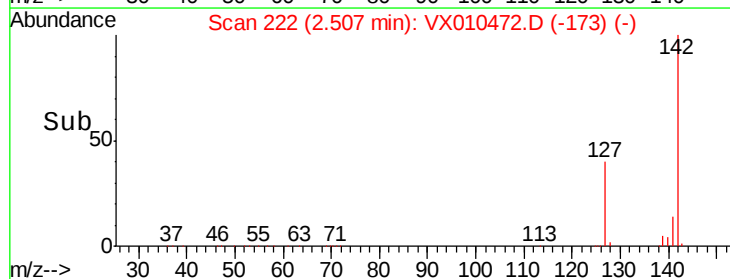
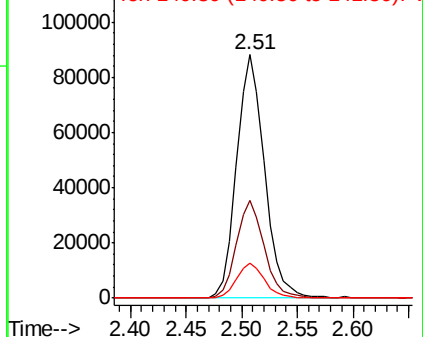
141 14.4 11.2 16.8



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



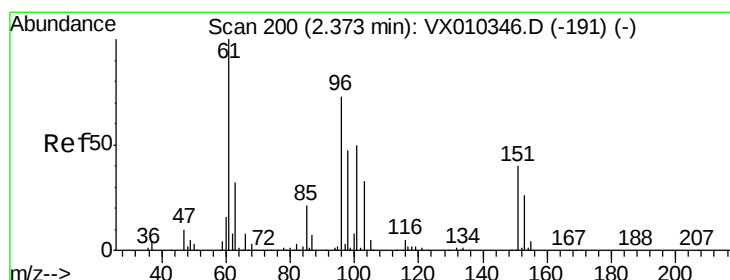
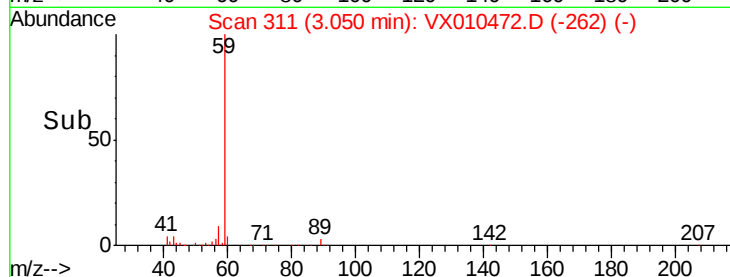
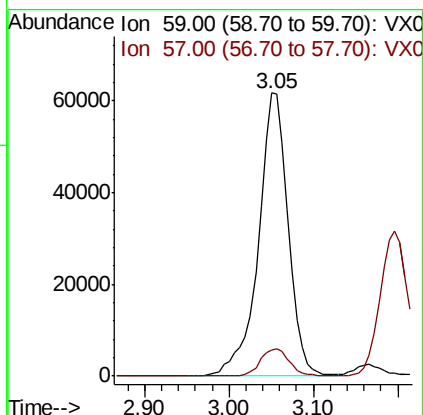
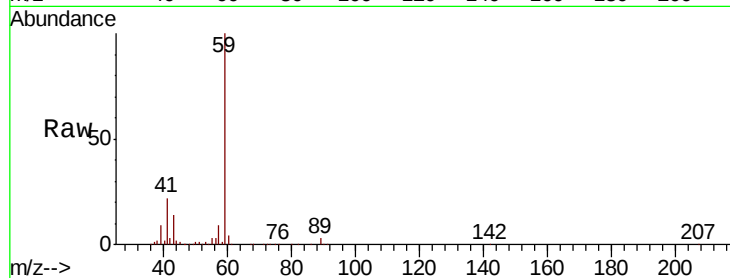


#11

Tert butyl alcohol
Concen: 242.379 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampled :

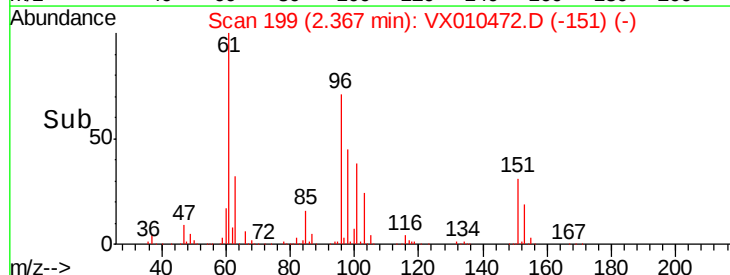
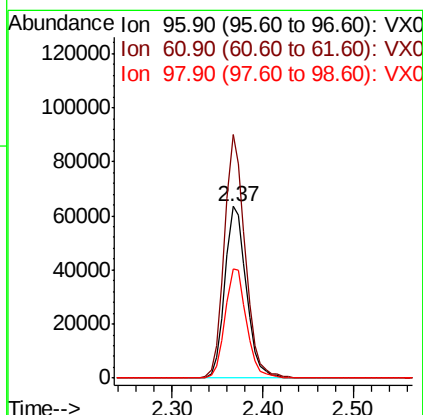
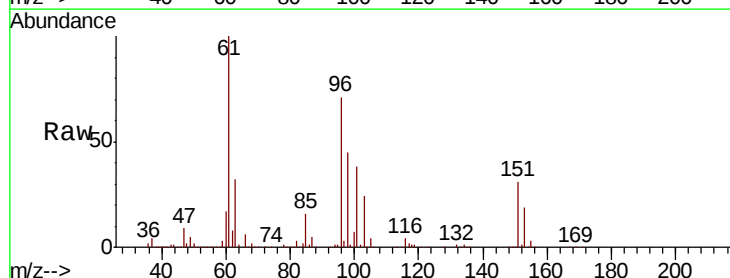
Tot Ion: 59 Resp: 150071
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5

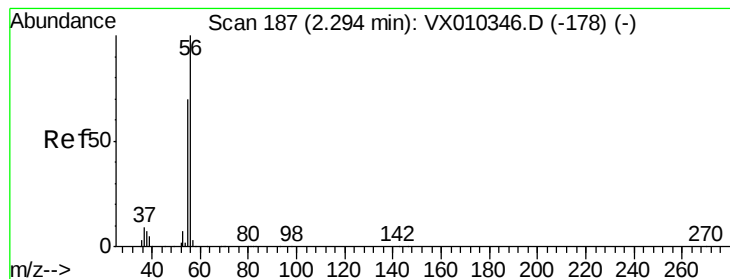


#12

1,1-Dichloroethene
Concen: 47.843 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 96 Resp: 104655
Ion Ratio Lower Upper
96 100
61 141.8 109.2 163.8
98 63.3 51.1 76.7





#13

Acrolein

Concen: 208.541 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

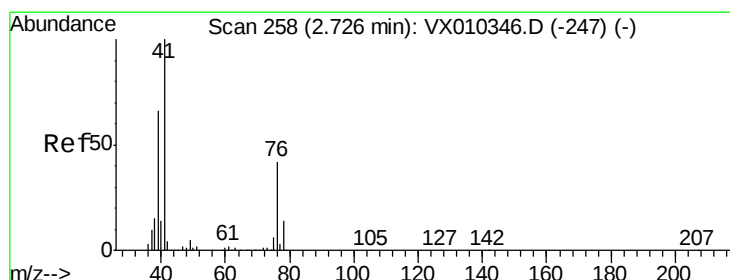
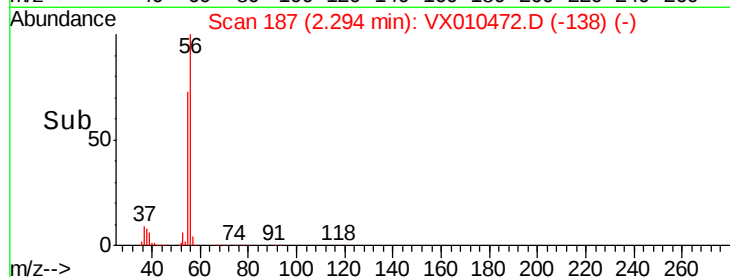
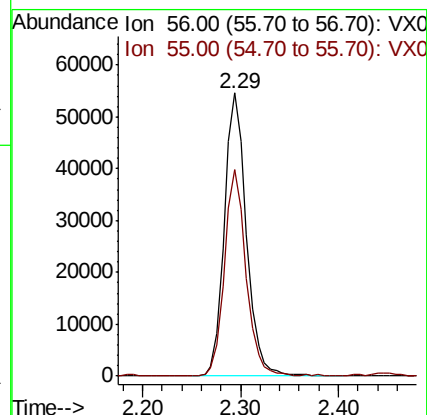
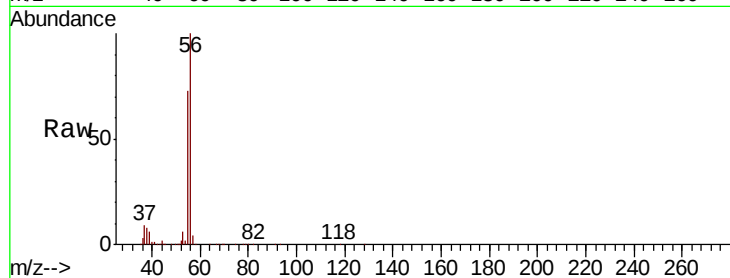
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 85655

Ion Ratio Lower Upper

56 100

55 70.3 56.9 85.3



#14

Allyl chloride

Concen: 48.994 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

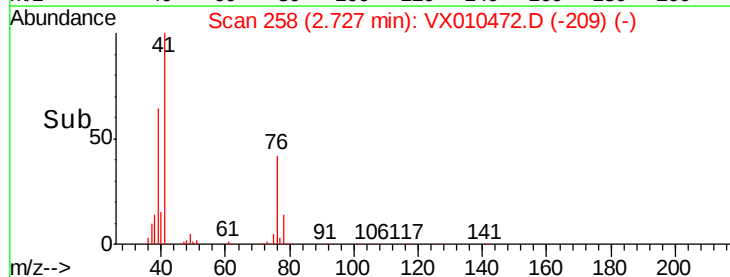
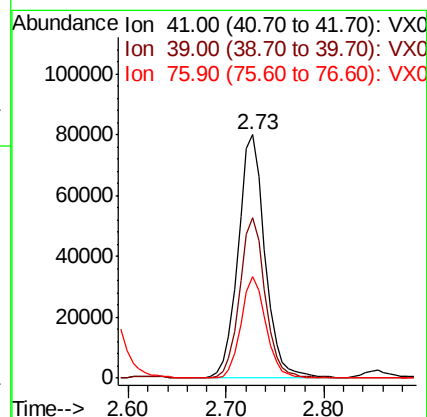
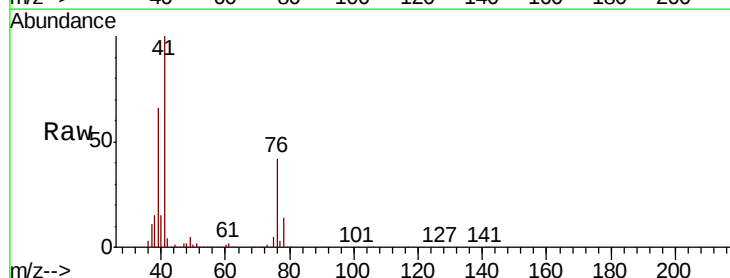
Tgt Ion: 41 Resp: 152154

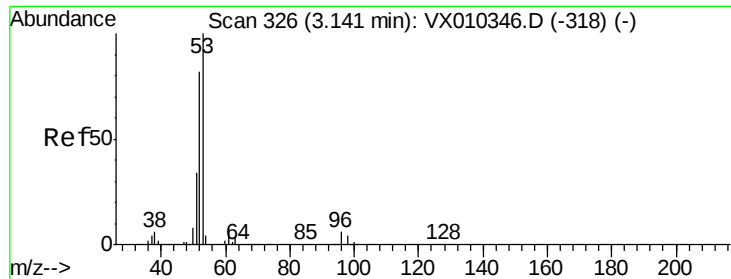
Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

76 38.7 31.3 46.9





#15

Acrylonitrile

Concen: 254.814 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

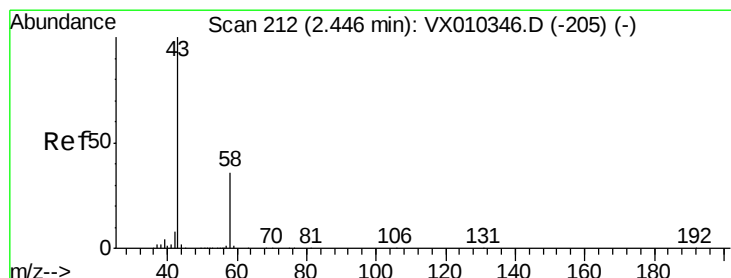
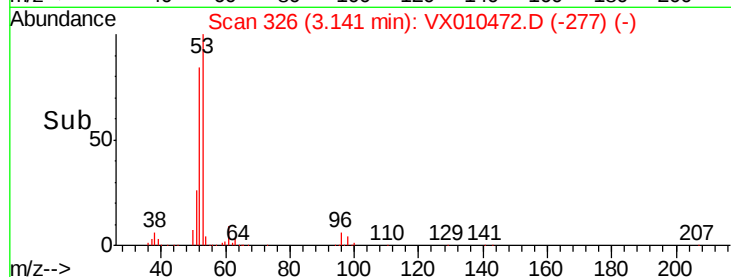
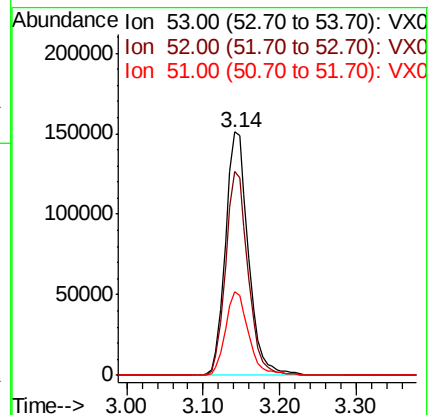
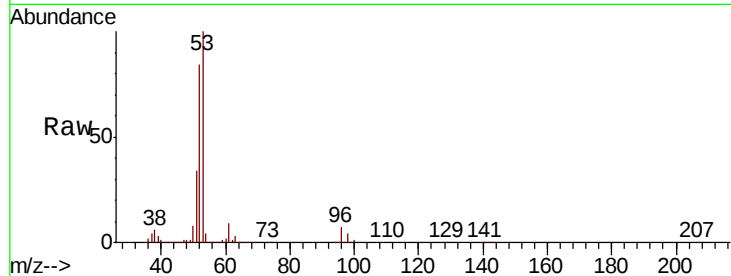
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 312367

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	34.5	28.2	42.4



#16

Acetone

Concen: 206.644 ug/l

RT: 2.45 min Scan# 212

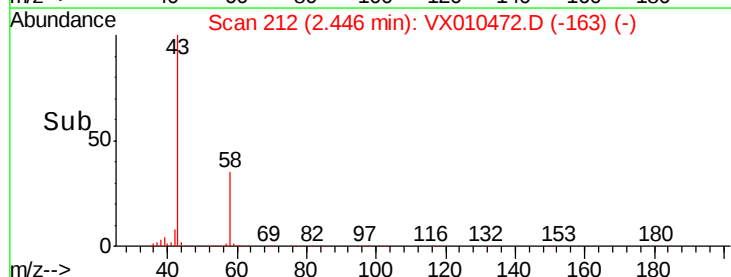
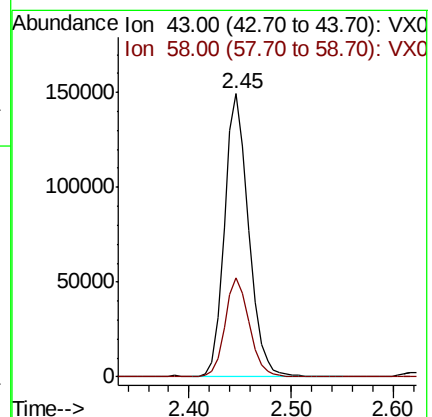
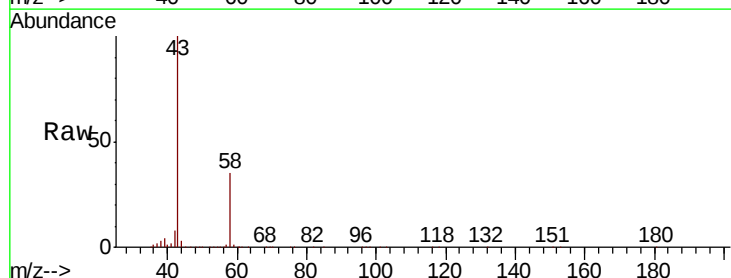
Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Tgt Ion: 43 Resp: 245053

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.9	43.3

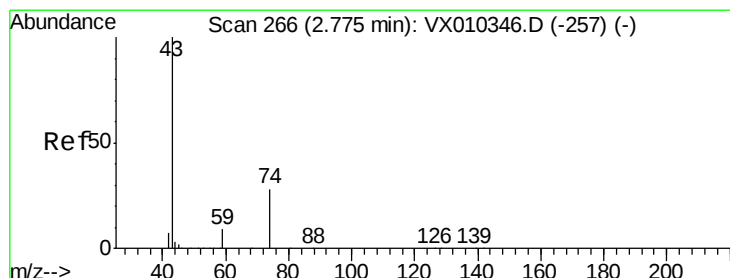
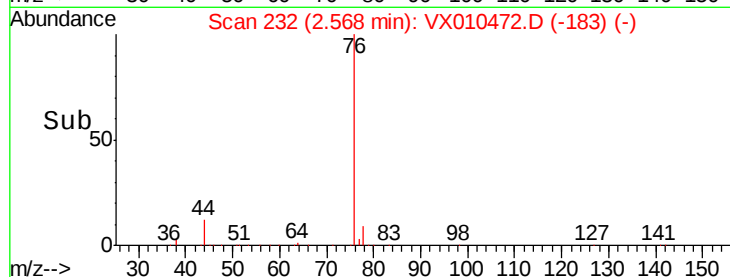
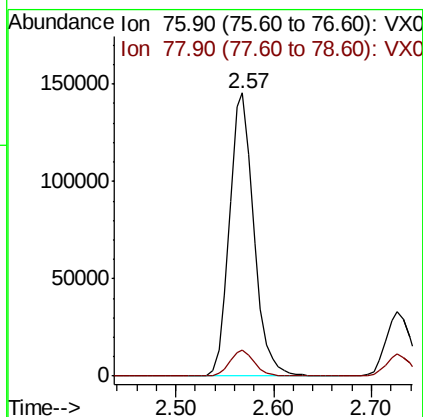
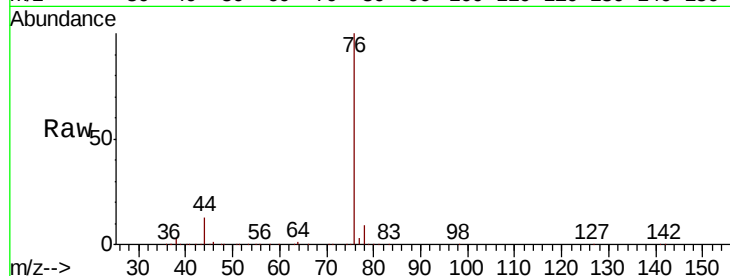




#17
Carbon Disulfide
Concen: 42.803 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

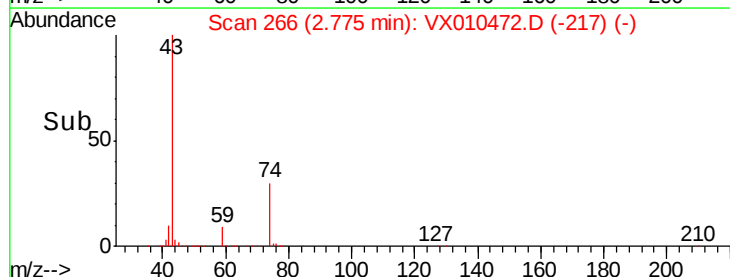
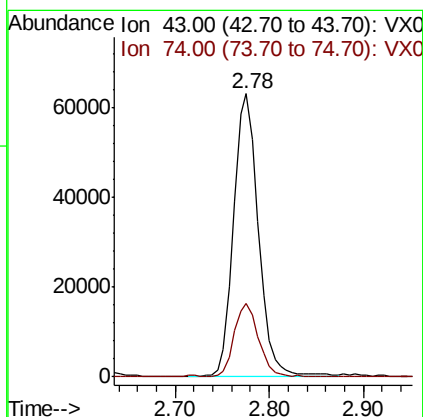
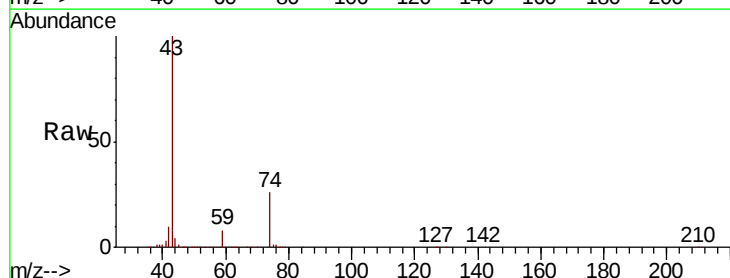
Instrument :
MSVOA_X
ClientSampleId :

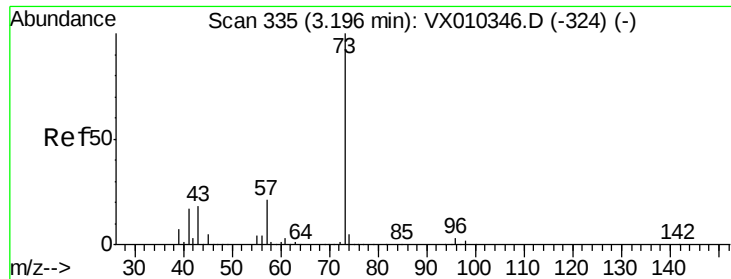
Tot Ion: 76 Resp: 251196
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 48.629 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 43 Resp: 114936
Ion Ratio Lower Upper
43 100
74 25.6 21.3 31.9

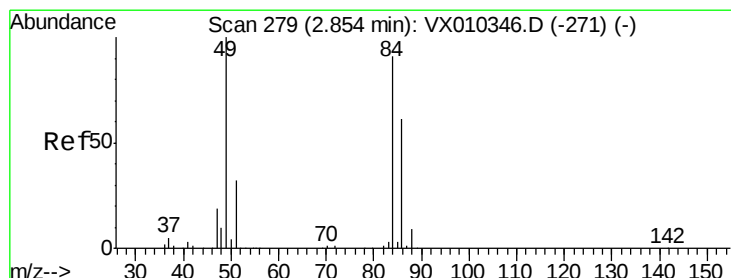
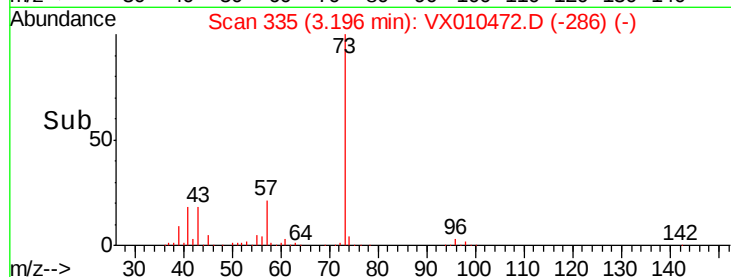
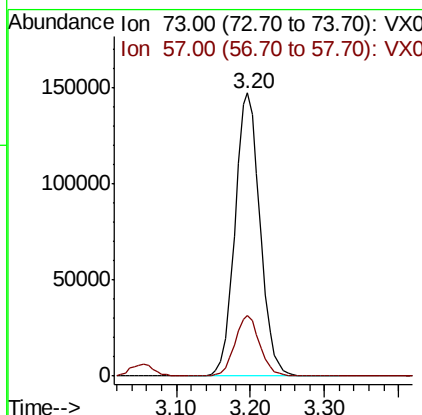
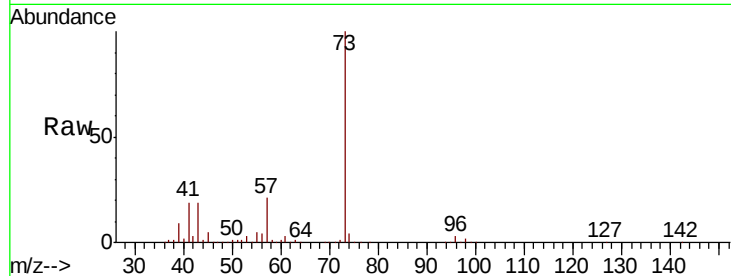




#19
Methvl tert-butvl Ether
Concen: 50.349 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

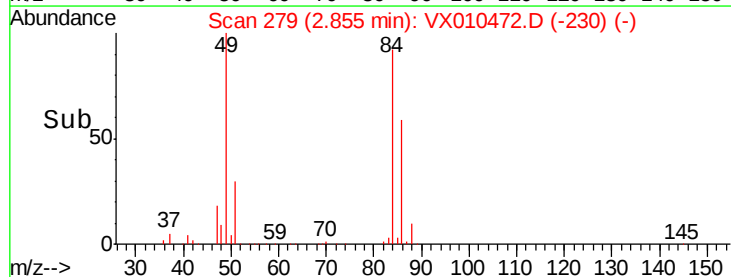
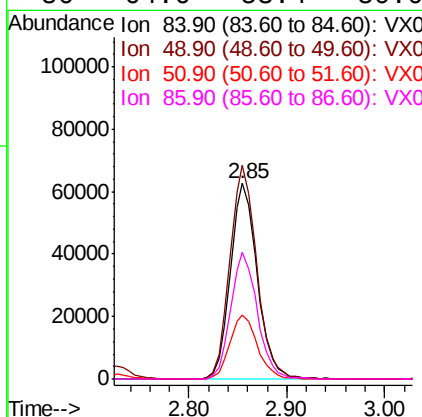
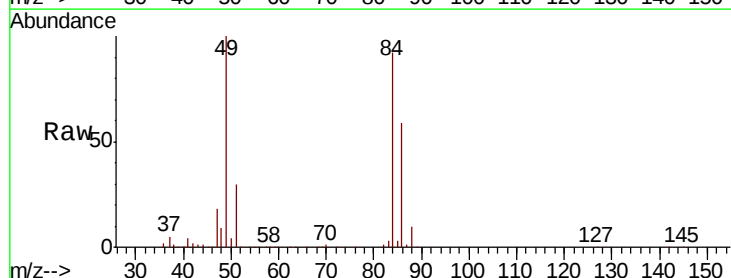
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 346483
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 48.997 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 84 Resp: 119575
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 32.8 27.7 41.5
86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.832 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampled :

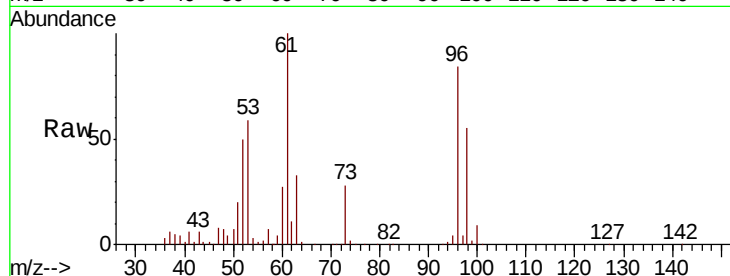
Tot Ion: 96 Resp: 112532

Ion Ratio Lower Upper

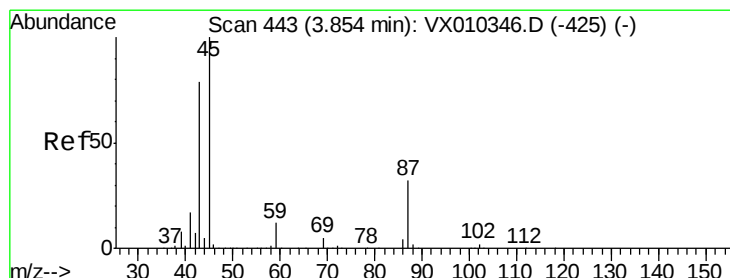
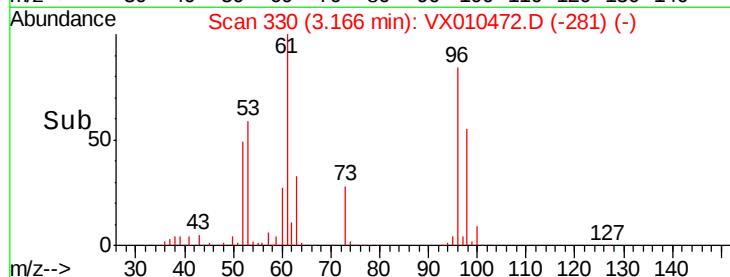
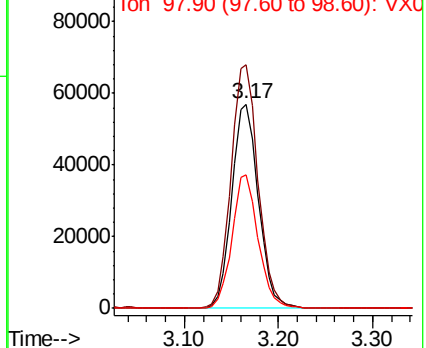
96 100

61 119.2 95.6 143.4

98 65.1 52.5 78.7



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: 50.113 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Tgt Ion: 45 Resp: 325387

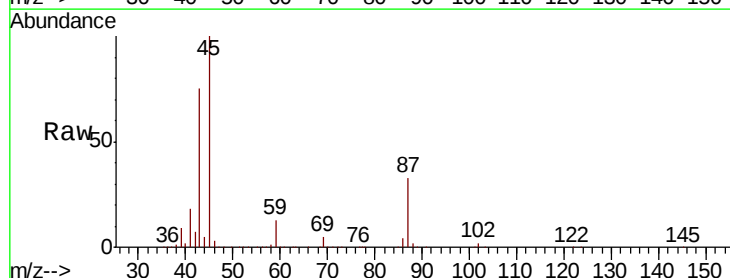
Ion Ratio Lower Upper

45 100

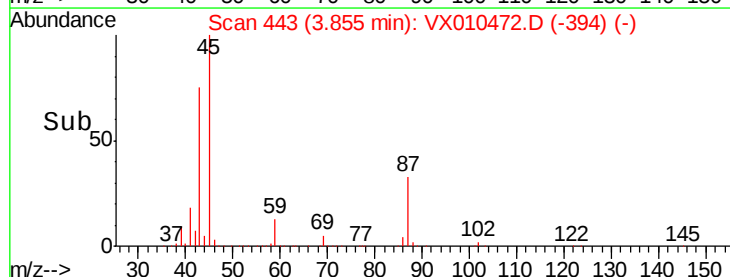
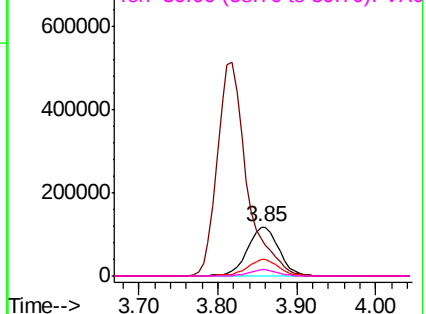
43 75.0 63.3 94.9

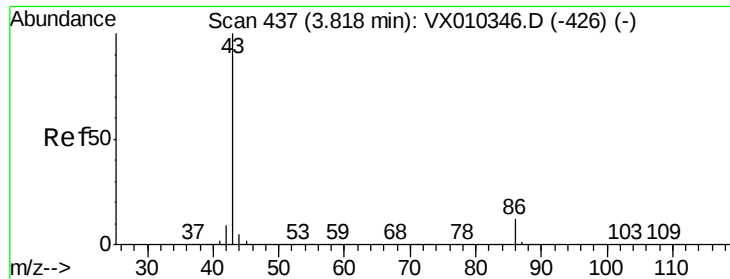
87 32.6 25.8 38.8

59 12.9 9.6 14.4



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: 239.741 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

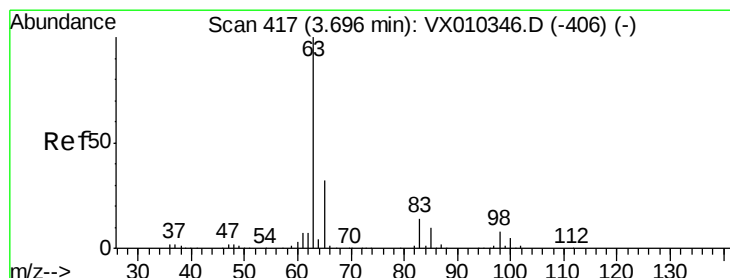
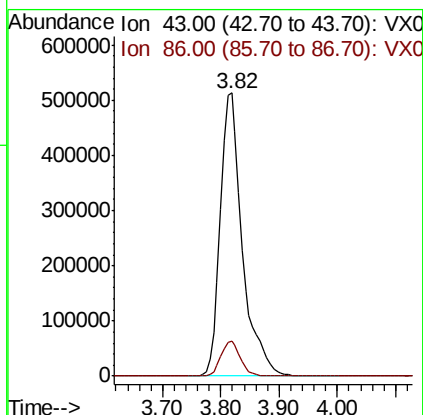
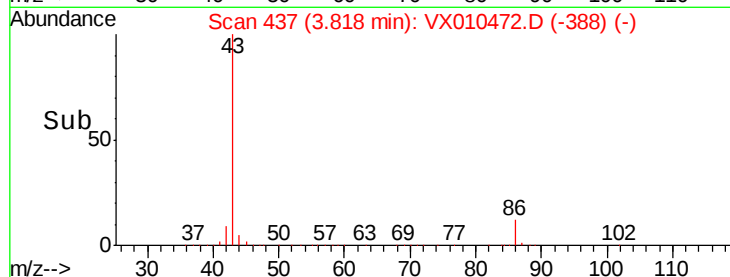
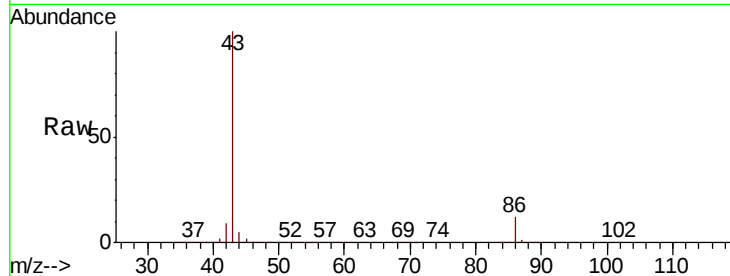
ClientSampled :

Tot Ion: 43 Resp: 1344779

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



#24

1,1-Dichloroethane

Concen: 50.012 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

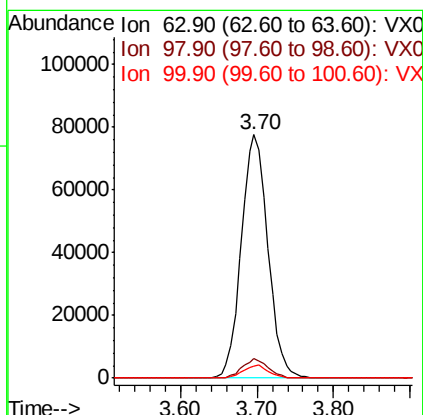
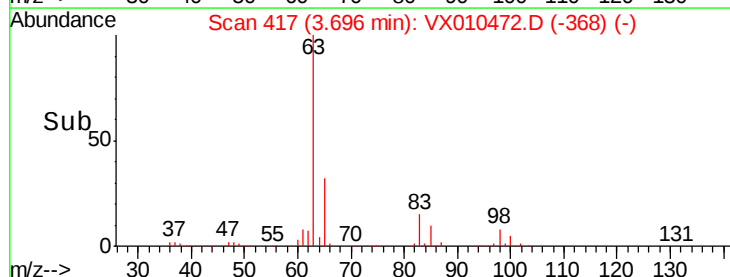
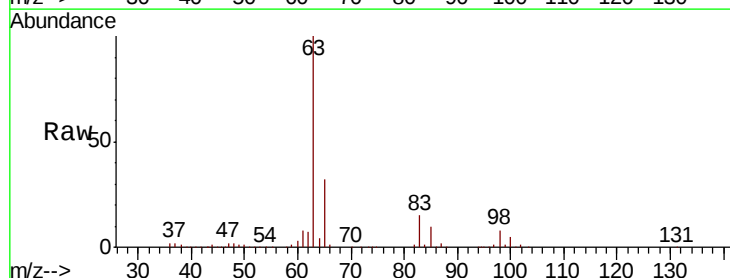
Tgt Ion: 63 Resp: 187705

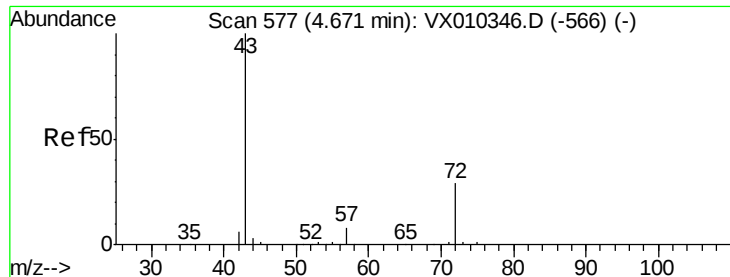
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 240.400 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

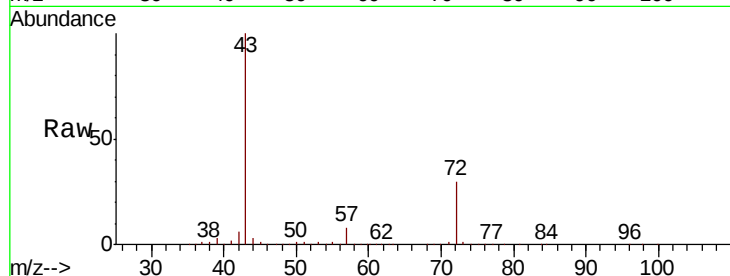
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 418181

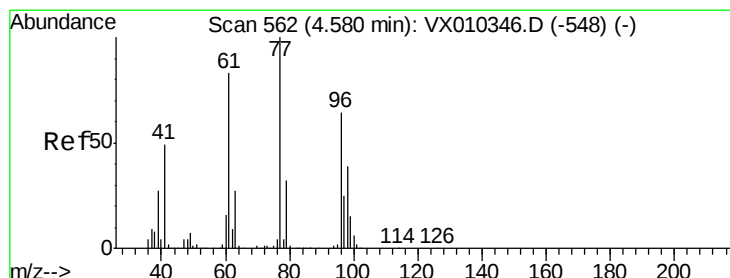
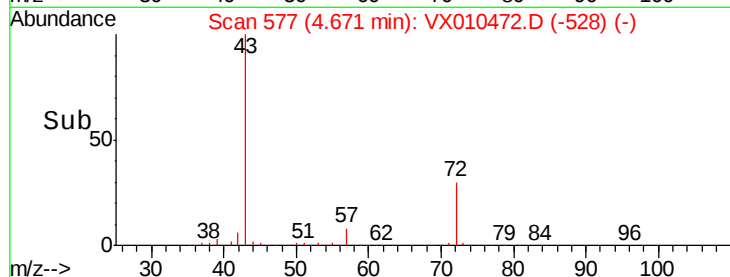
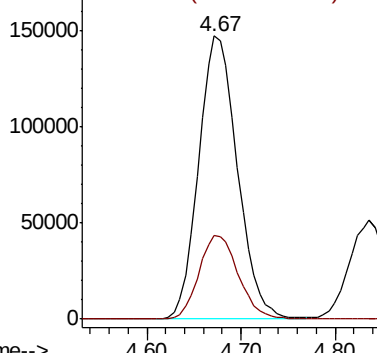
Ion Ratio Lower Upper

43 100

72 29.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.091 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010472.D

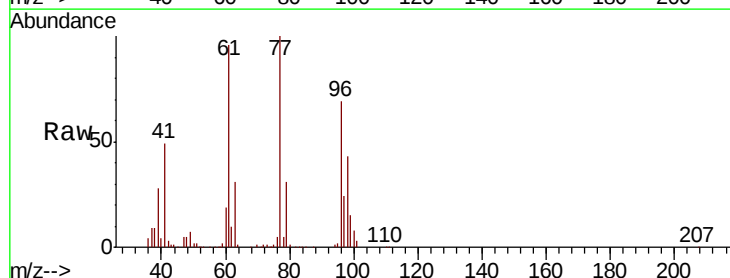
Acq: 26 Jun 2019 18:53

Tgt Ion: 77 Resp: 143753

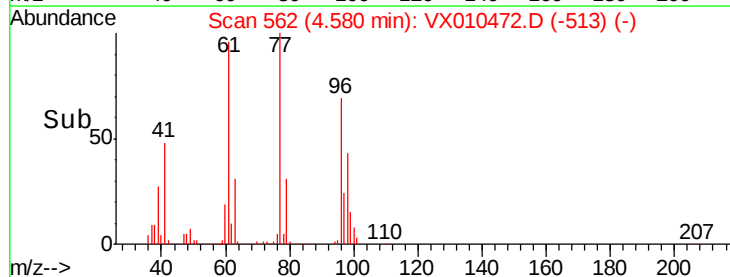
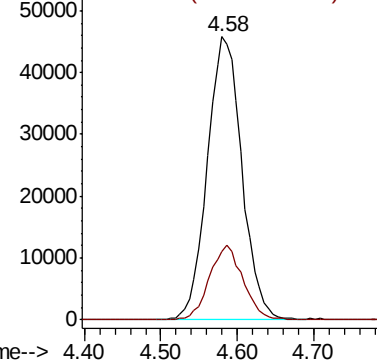
Ion Ratio Lower Upper

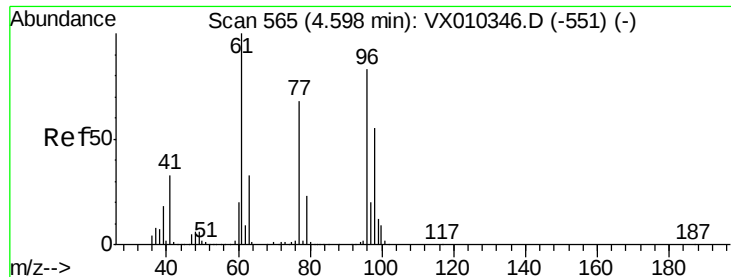
77 100

97 25.5 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



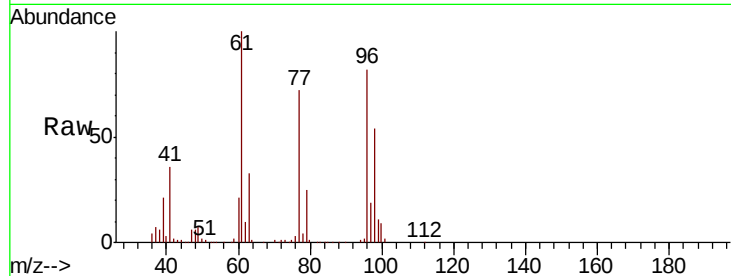


#27

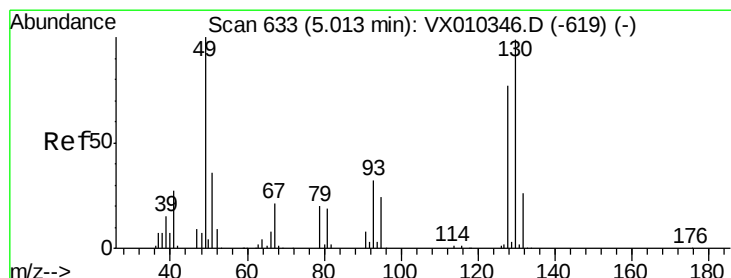
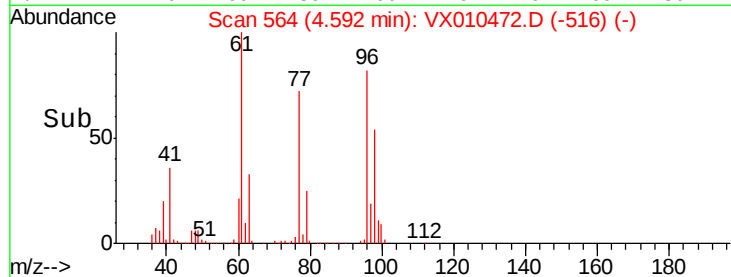
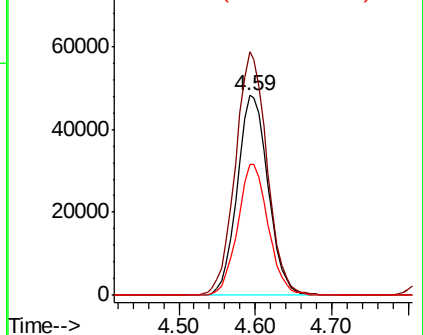
cis-1,2-Dichloroethene
 Concen: 49.684 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	251.8
98	65.1	0.0	129.4



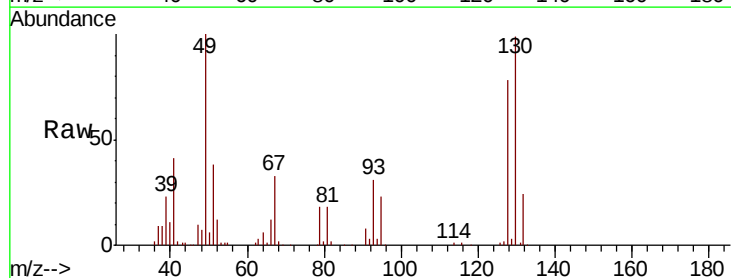
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



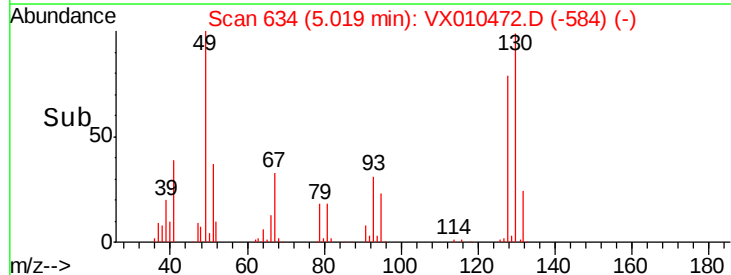
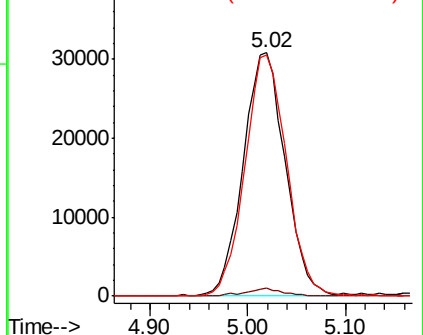
#28

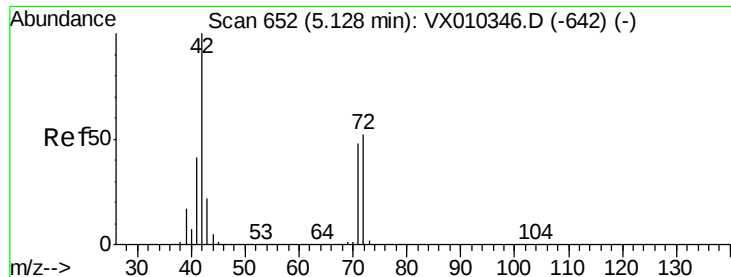
Bromochloromethane
 Concen: 50.884 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	98.9	81.4	122.0



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





#29

Tetrahydrofuran

Concen: 258.830 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

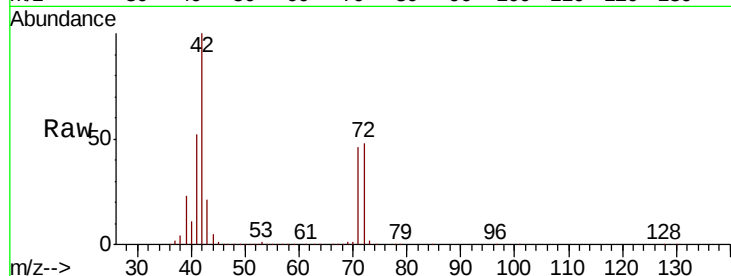
Tot Ion: 42 Resp: 278882

Ion Ratio Lower Upper

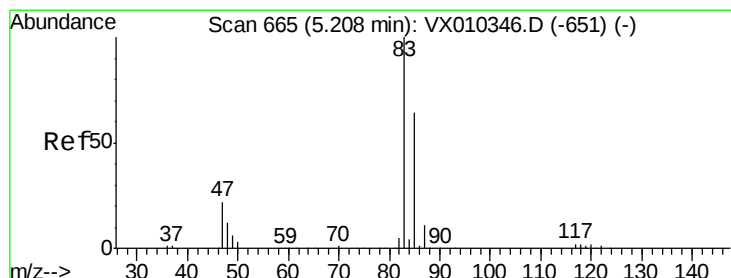
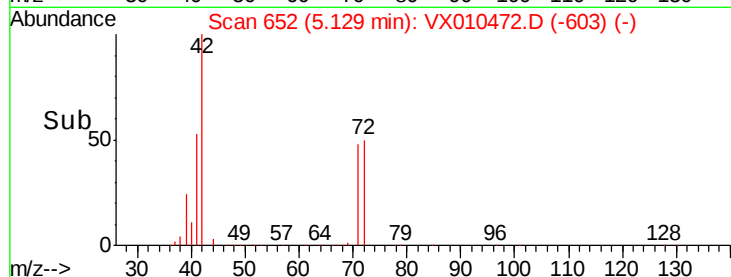
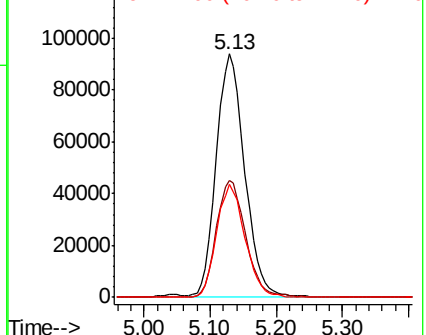
42 100

72 49.9 40.6 60.8

71 46.4 37.8 56.8



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: 50.130 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010472.D

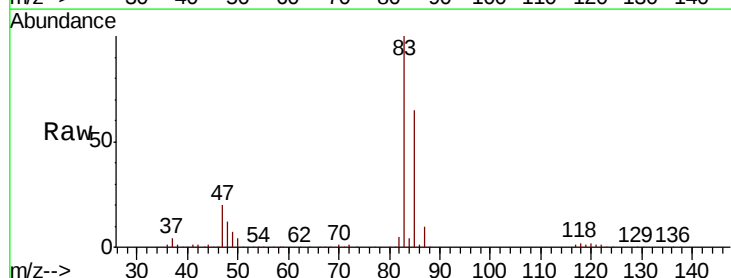
Acq: 26 Jun 2019 18:53

Tgt Ion: 83 Resp: 202440

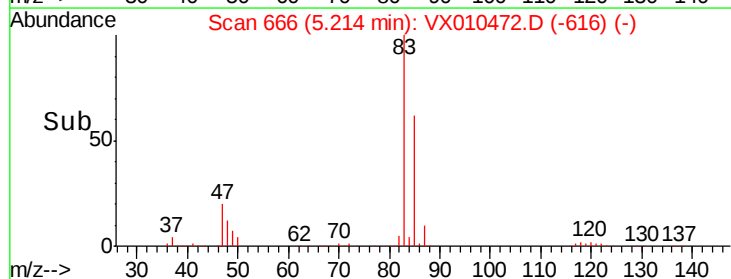
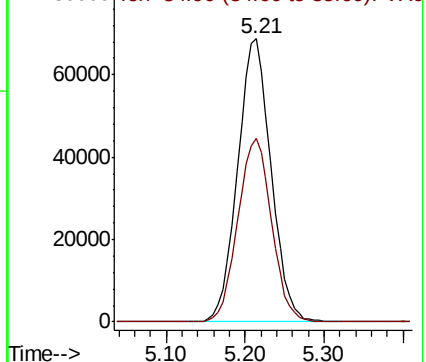
Ion Ratio Lower Upper

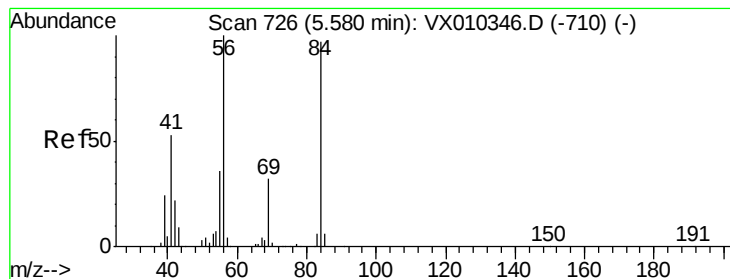
83 100

85 64.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.651 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampled :

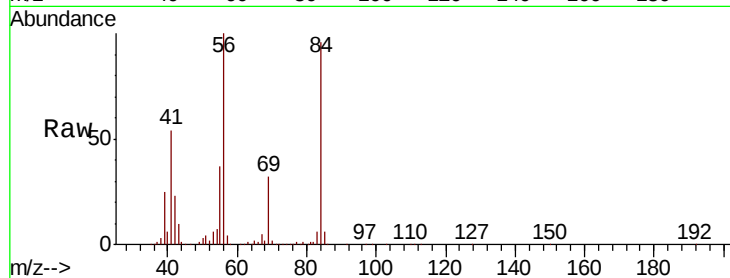
Tot Ion: 56 Resp: 166282

Ion Ratio Lower Upper

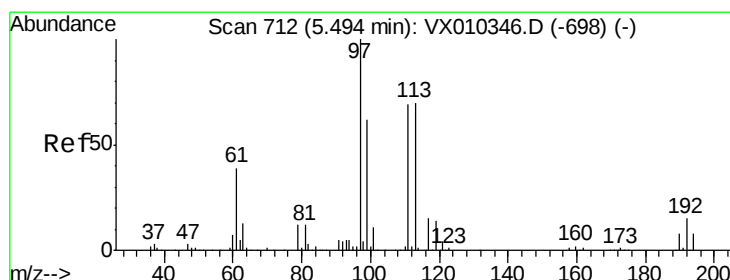
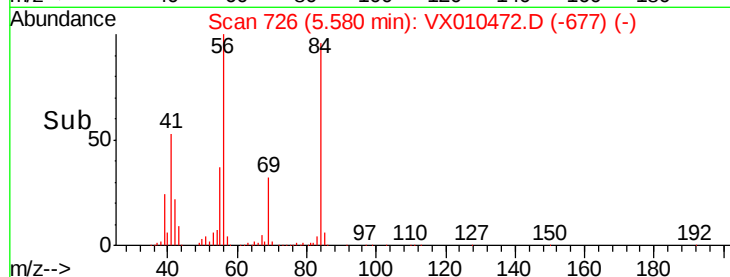
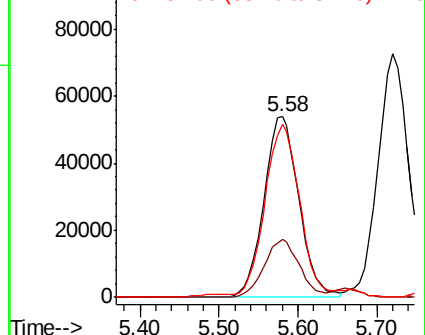
56 100

69 32.0 25.9 38.9

84 95.3 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 50.028 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

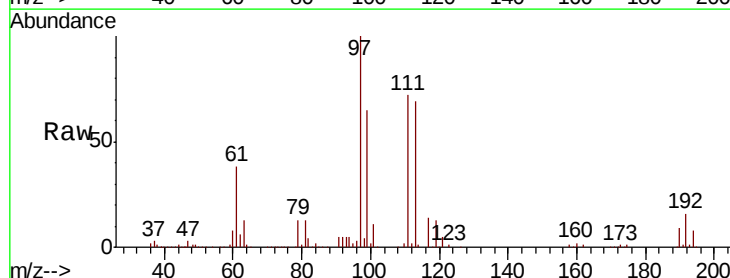
Tgt Ion: 97 Resp: 178388

Ion Ratio Lower Upper

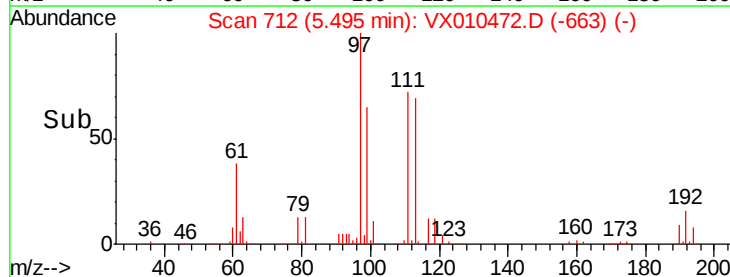
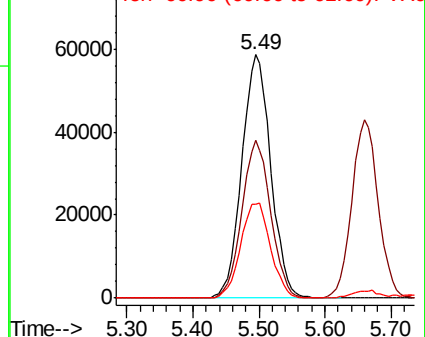
97 100

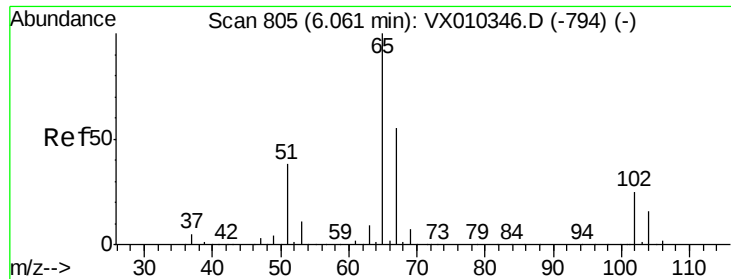
99 64.4 51.8 77.8

61 40.3 32.1 48.1



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

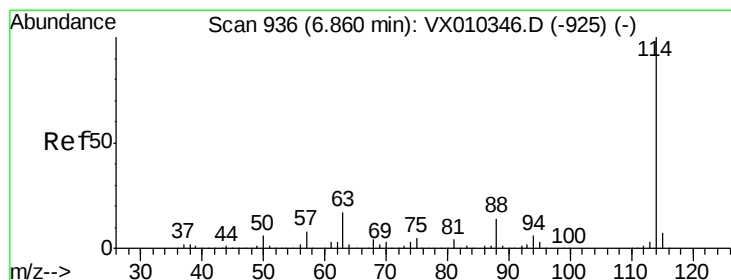
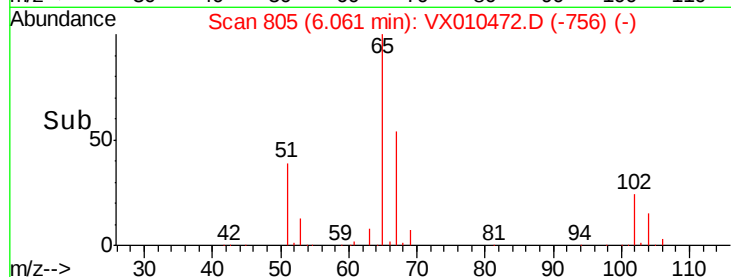
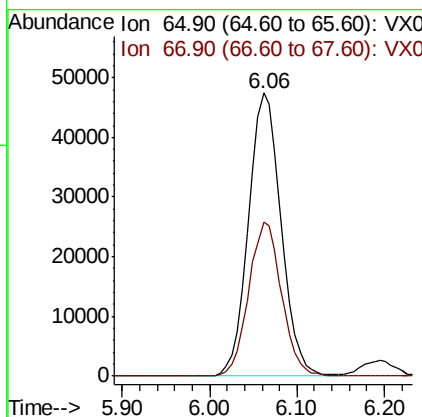
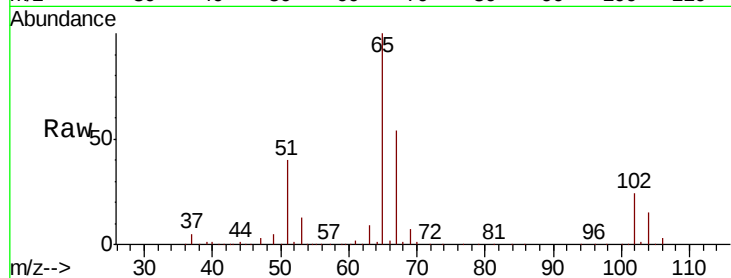




#33
 1,2-Dichloroethane-d4
 Concen: 52.132 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

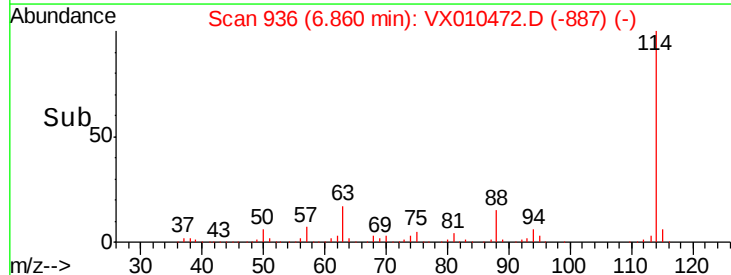
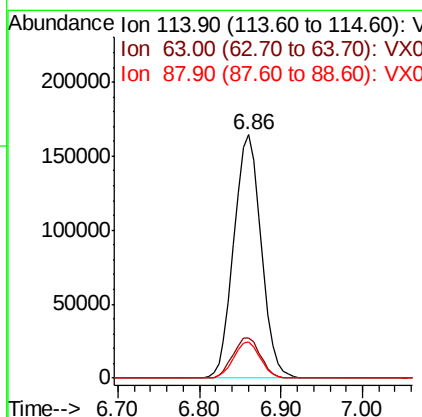
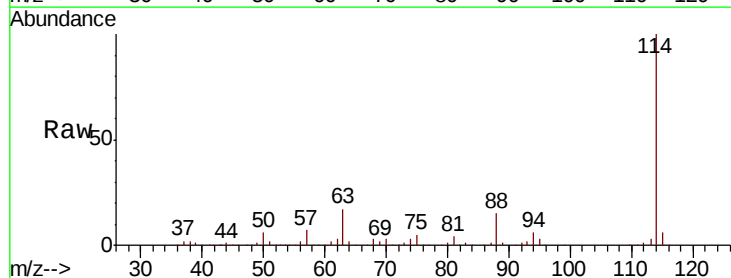
Instrument :
 MSVOA_X
 ClientSampled :

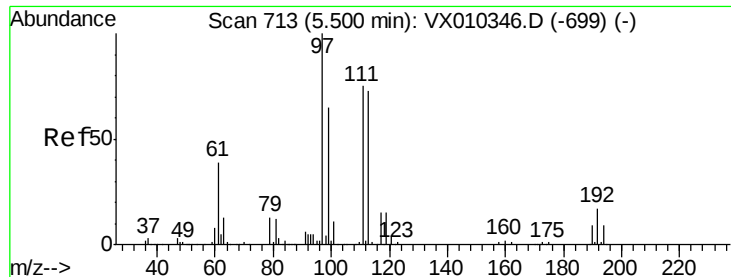
Tot Ion: 65 Resp: 123354
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion: 114 Resp: 380590
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 33.8
 88 14.8 0.0 27.6

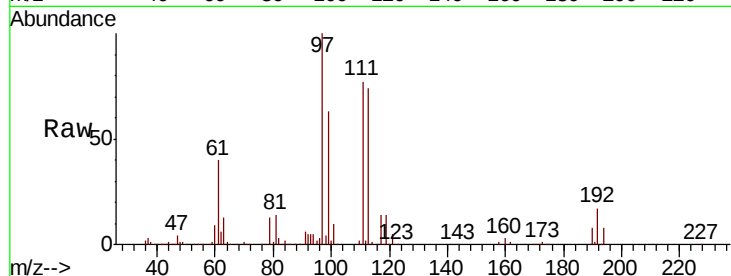




#35
 Dibromofluoromethane
 Concen: 51.230 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	23.1	18.6	27.8

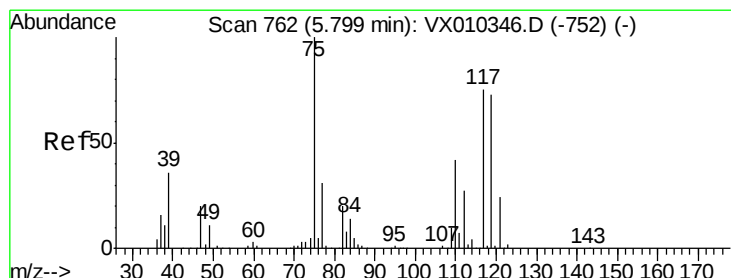
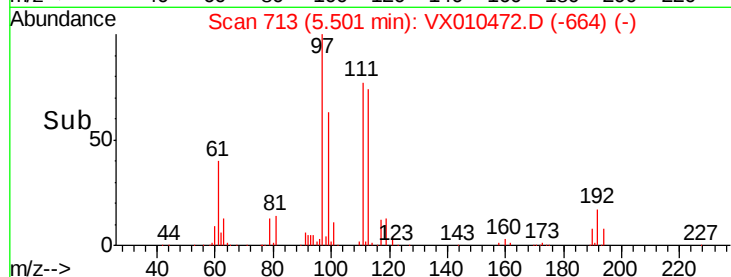
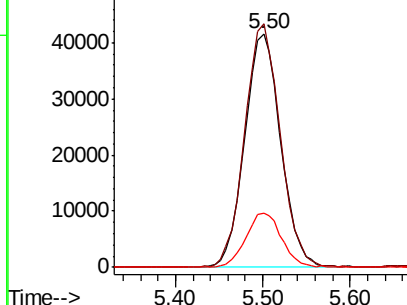


Abundance

Ion 112.80 (112.50 to 113.50): V

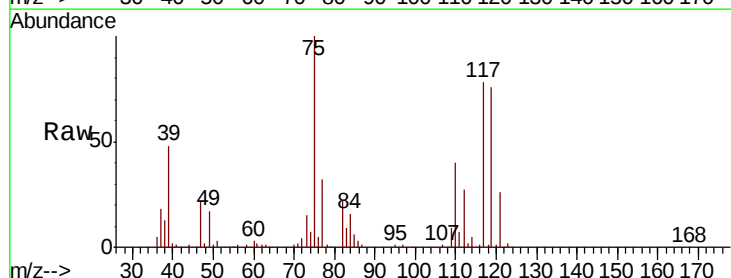
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.362 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.7	20.8	62.2
77	30.5	25.4	38.0

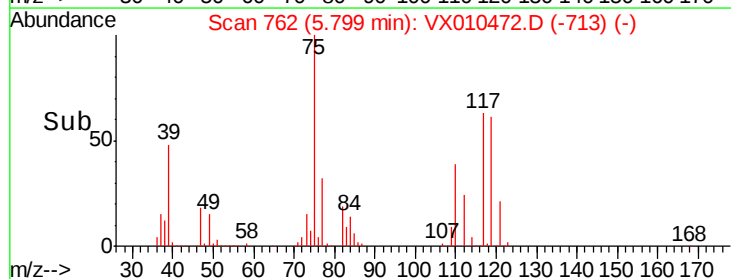
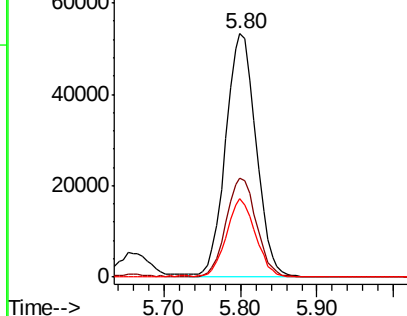


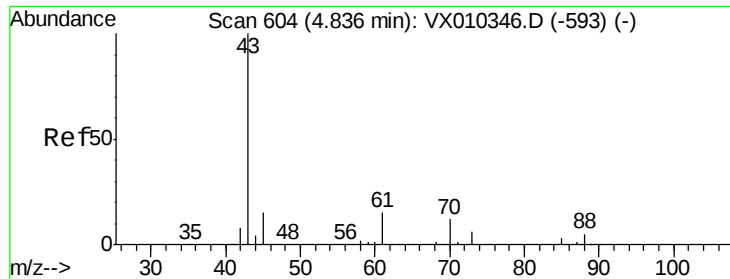
Abundance

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

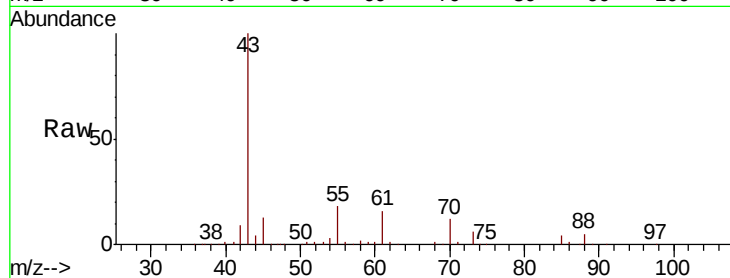




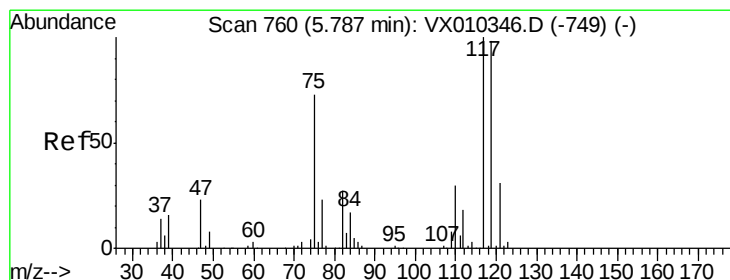
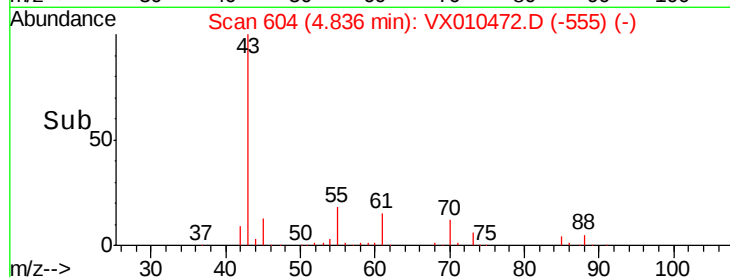
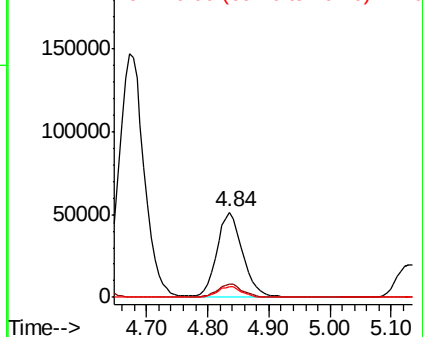
#37
Ethyl Acetate
Concen: 48.469 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 150805
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 12.0 9.8 14.8

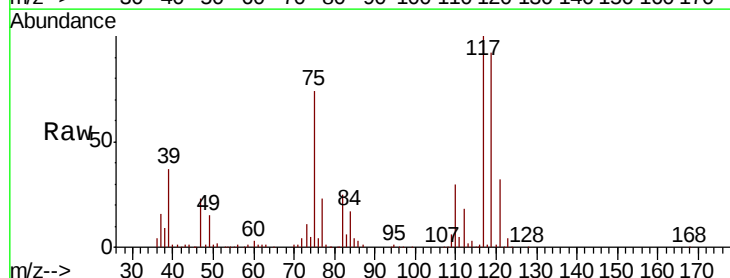


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

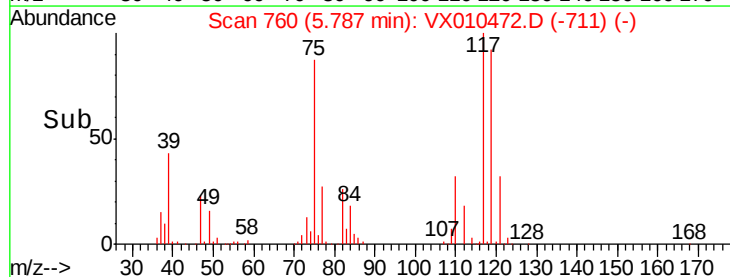
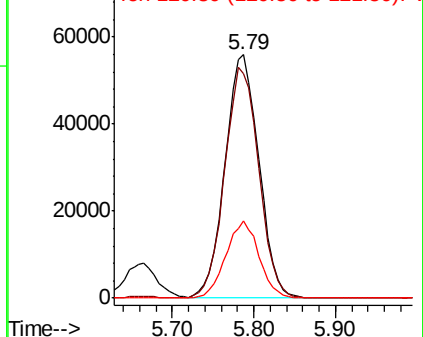


#38
Carbon Tetrachloride
Concen: 48.980 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 117 Resp: 160408
Ion Ratio Lower Upper
117 100
119 92.2 78.2 117.4
121 31.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

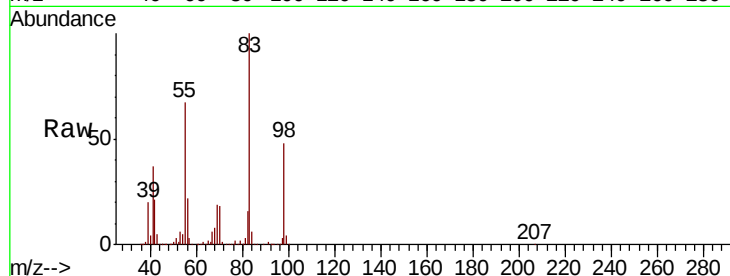




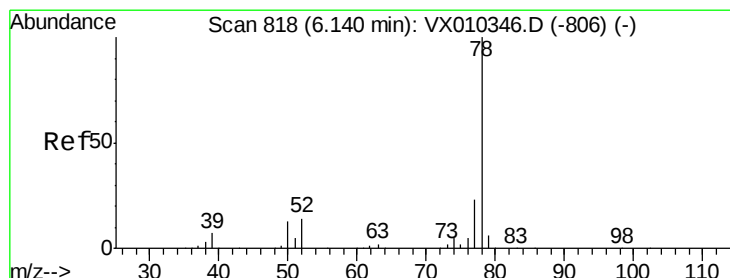
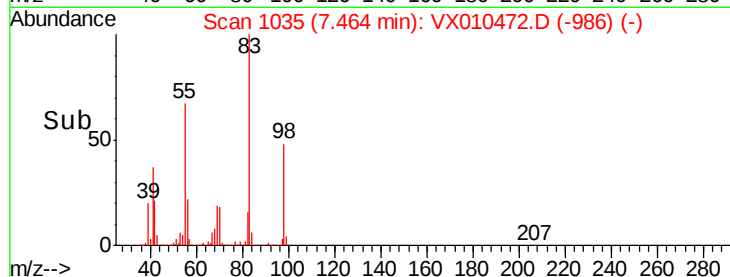
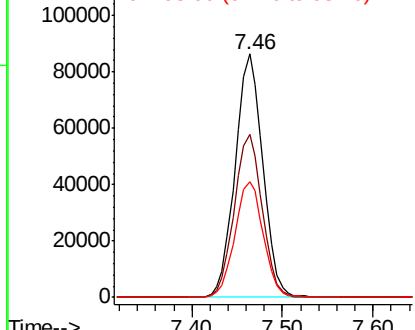
#39
Methylvlcvclohexane
Concen: 45.914 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 182529
Ion Ratio Lower Upper
83 100
55 66.8 53.0 79.6
98 47.7 37.8 56.8

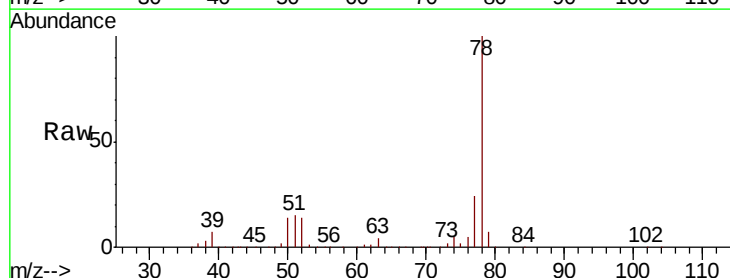


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

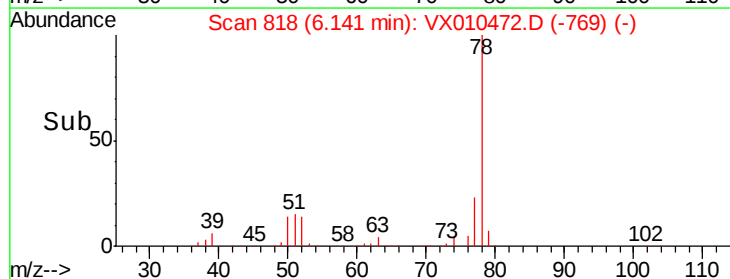
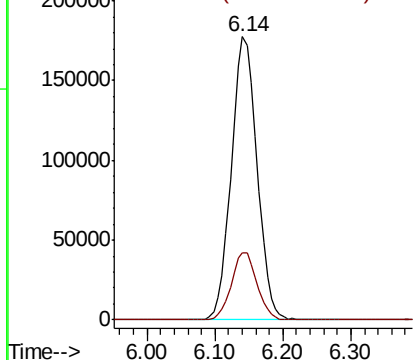


#40
Benzene
Concen: 49.442 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 78 Resp: 465859
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

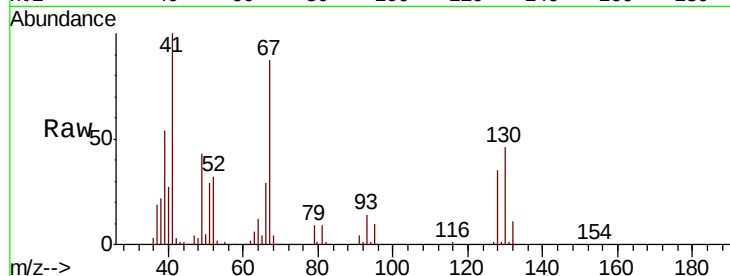




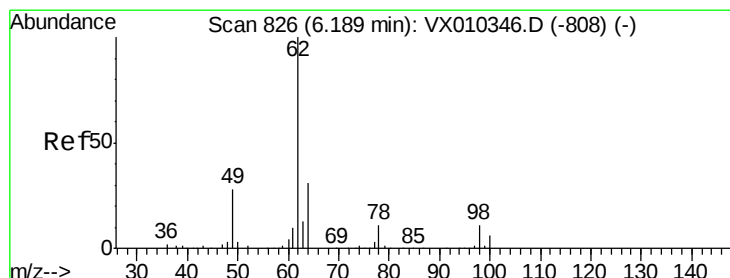
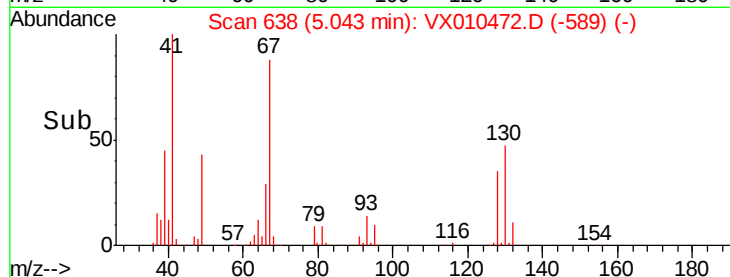
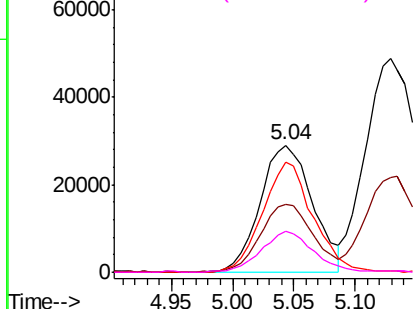
#41
Methacrylonitrile
Concen: 50.466 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	86152
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.8	65.8
67	83.8	66.6	100.0
52	31.0	24.5	36.7

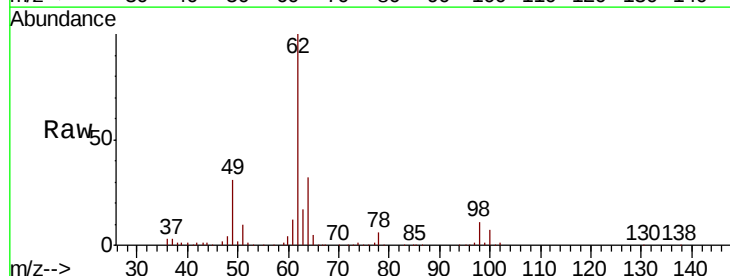


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

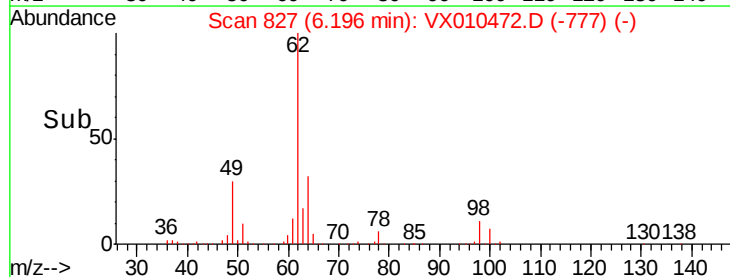
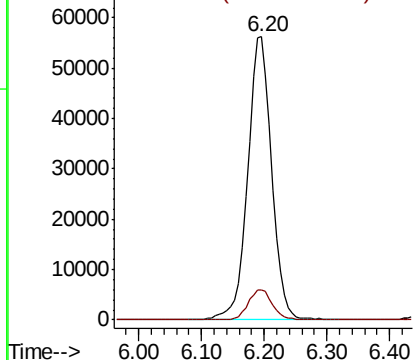


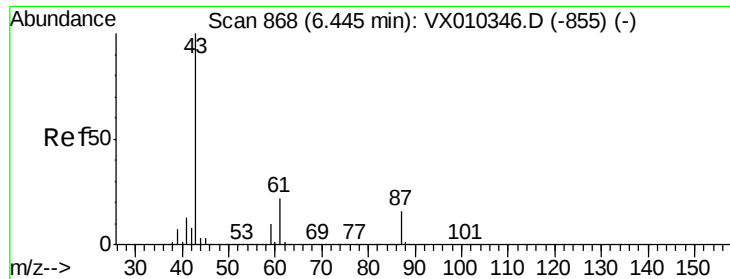
#42
1,2-Dichloroethane
Concen: 51.693 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion:	62	Resp:	148265
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.2



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



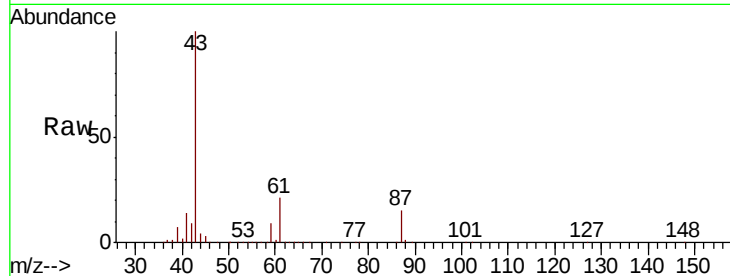


#43

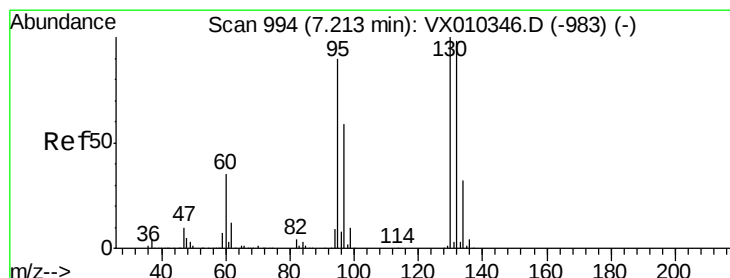
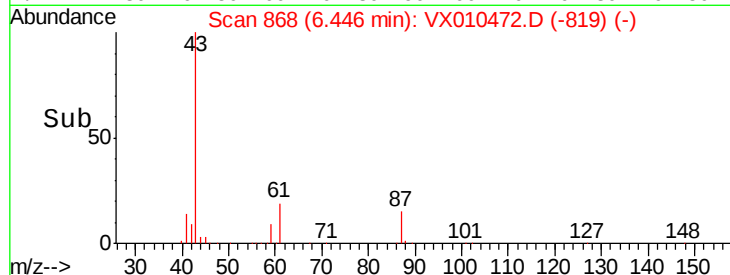
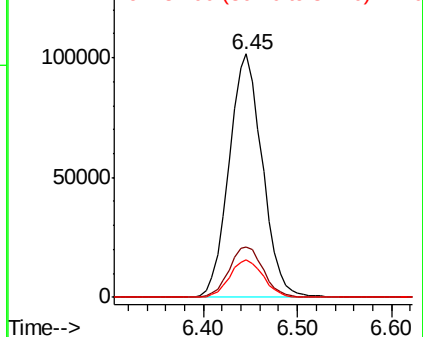
Isopropyl Acetate
 Concen: 48.252 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 248388
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.8 26.6
 87 15.7 13.0 19.4



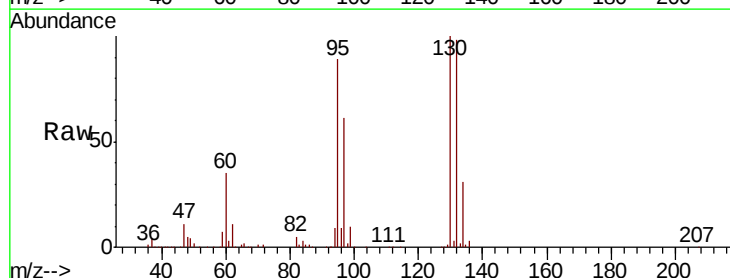
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



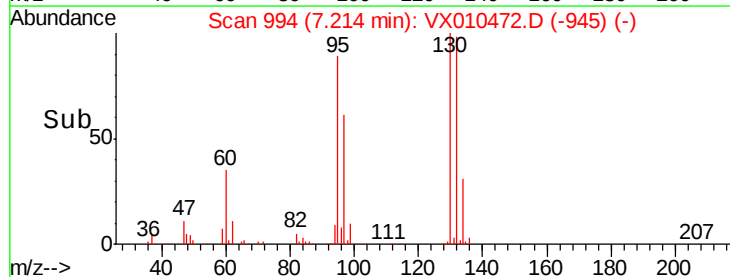
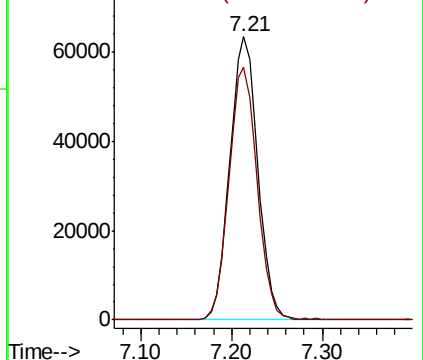
#44

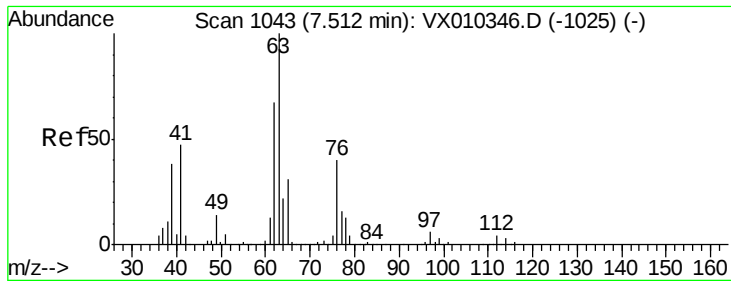
Trichloroethene
 Concen: 48.219 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion:130 Resp: 135949
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.674 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

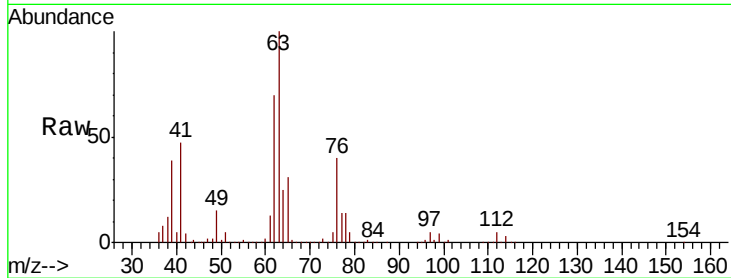
ClientSampleId :

Tot Ion: 63 Resp: 118196

Ion Ratio Lower Upper

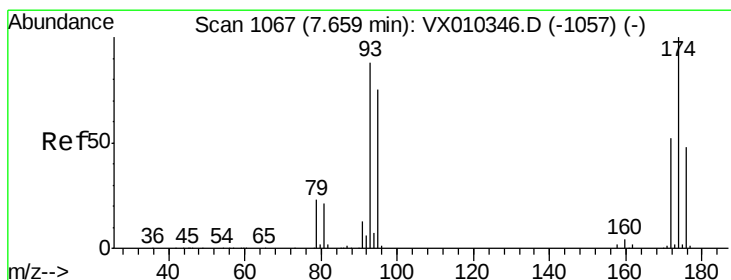
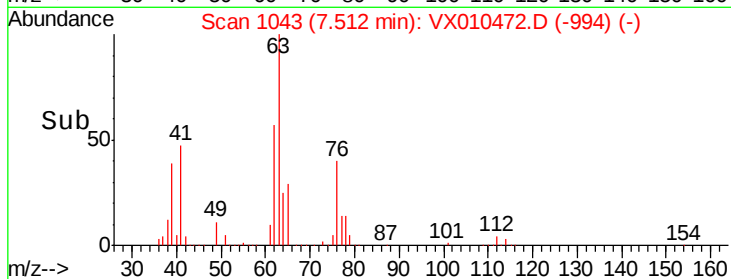
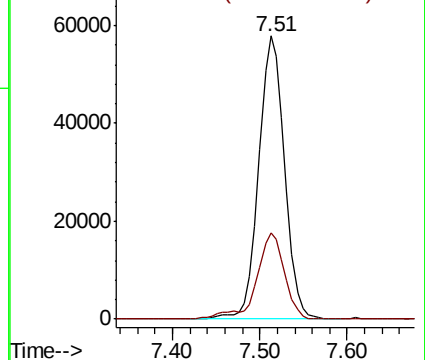
63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.541 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

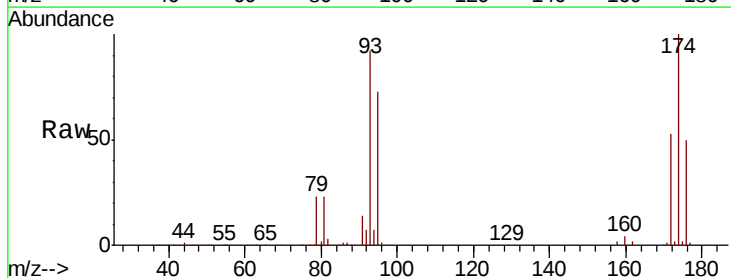
Tgt Ion: 93 Resp: 86282

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

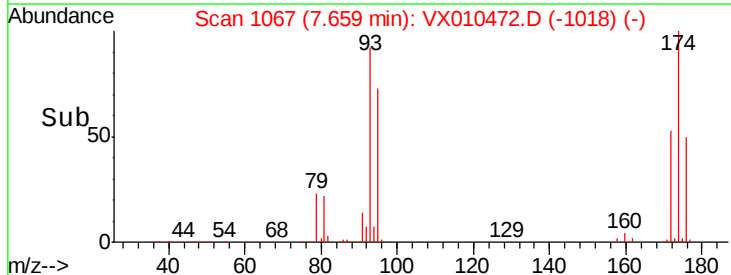
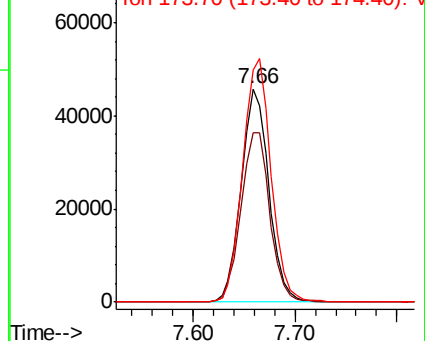
174 117.3 95.8 143.6

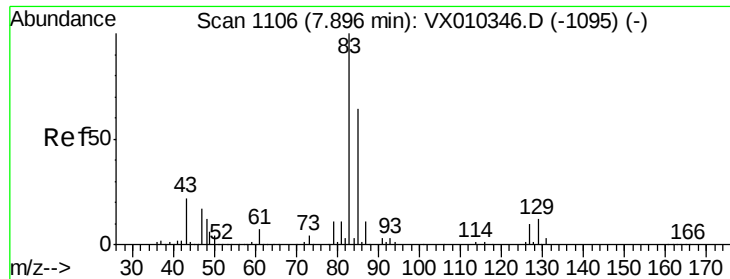


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.130 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

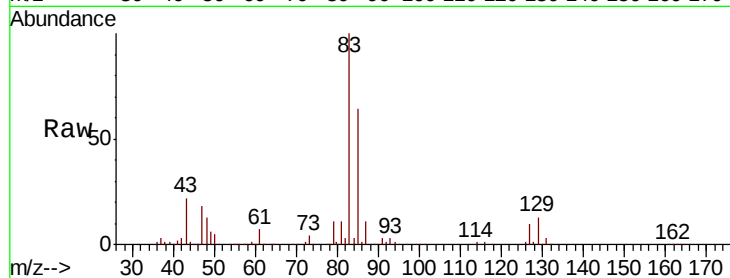
Tot Ion: 83 Resp: 156838

Ion Ratio Lower Upper

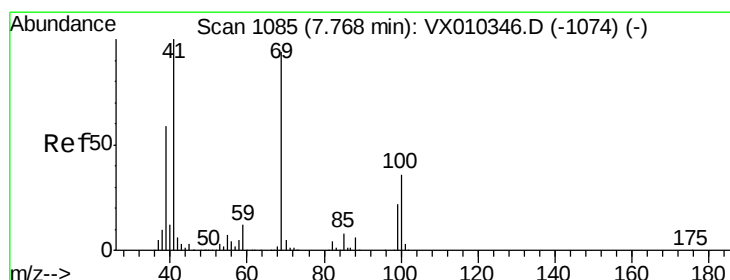
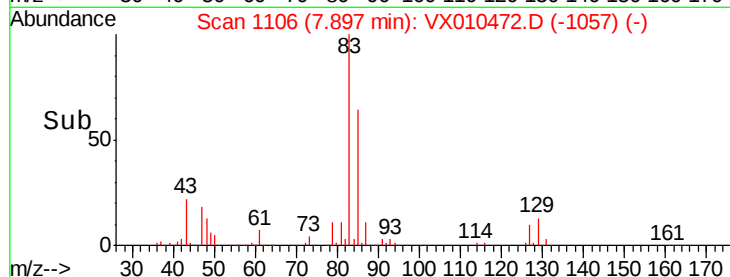
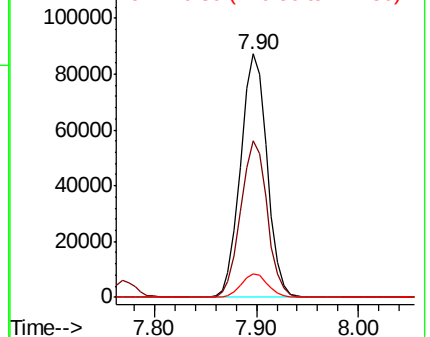
83 100

85 64.2 51.5 77.3

127 9.9 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: 51.489 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

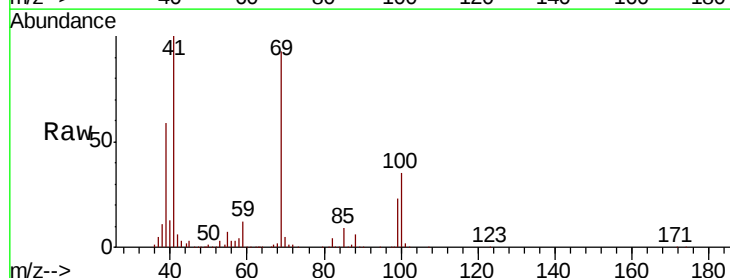
Tgt Ion: 41 Resp: 123198

Ion Ratio Lower Upper

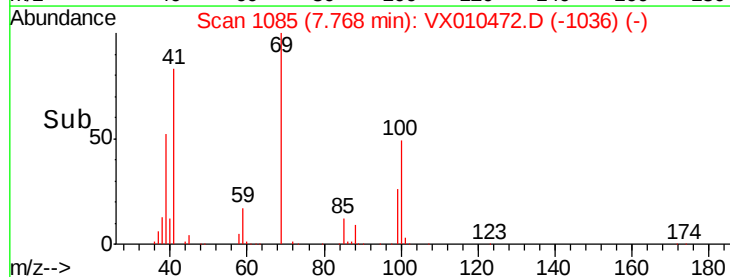
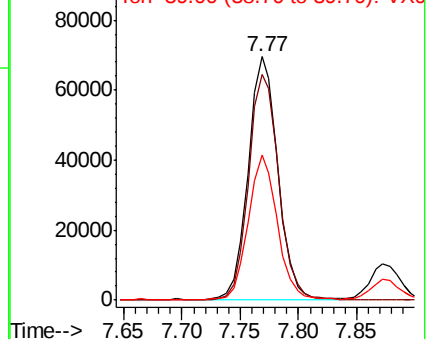
41 100

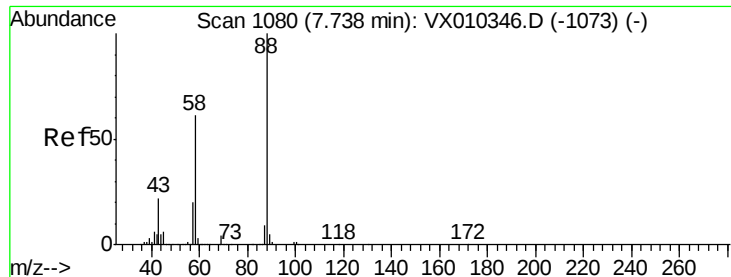
69 94.6 76.1 114.1

39 58.6 47.6 71.4



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: 983.287 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

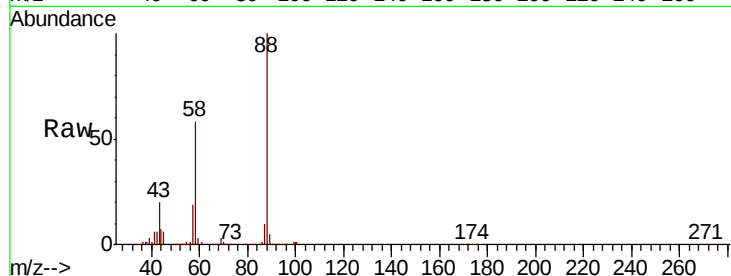
Tot Ion: 88 Resp: 67776

Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.2	30.2
58	60.3	49.5	74.3

88 100

43 26.4 20.2 30.2

58 60.3 49.5 74.3

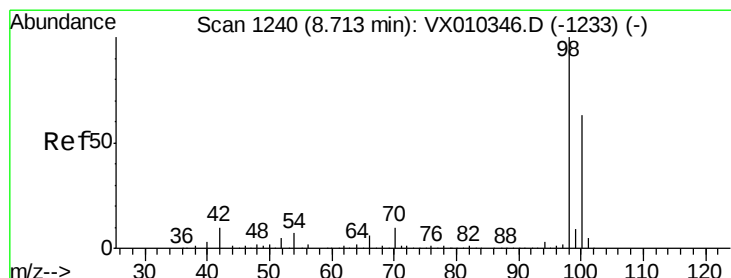
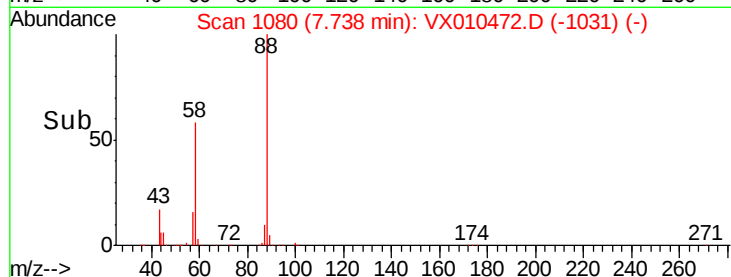
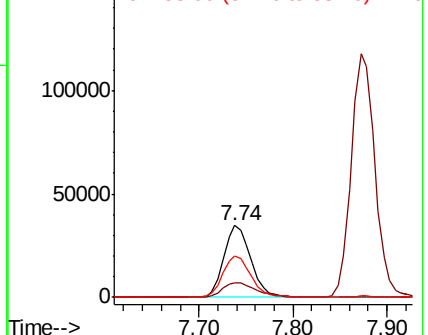


Abundance

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: 50.391 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010472.D

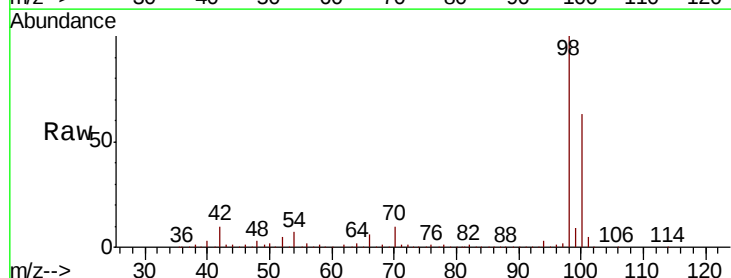
Acq: 26 Jun 2019 18:53

Tgt Ion: 98 Resp: 448920

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

98 100

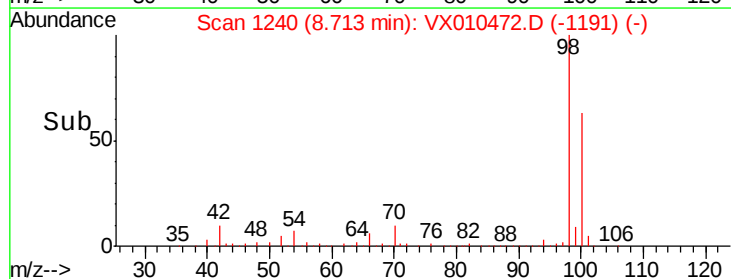
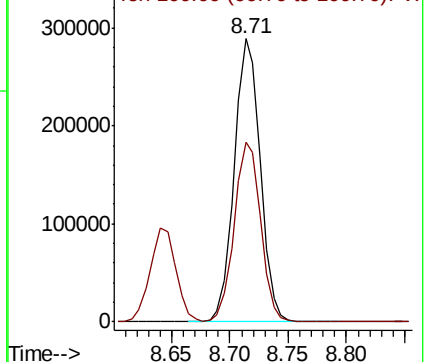
100 64.3 51.6 77.4

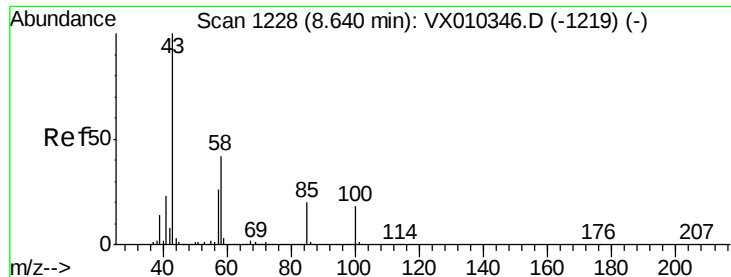


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

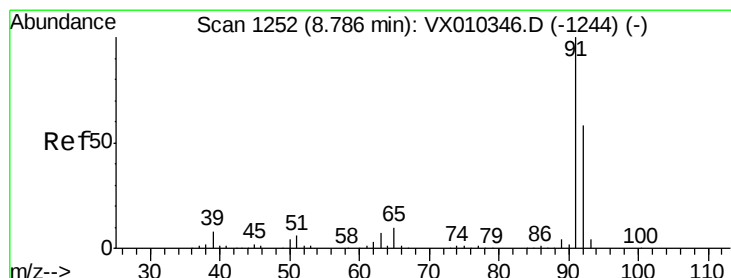
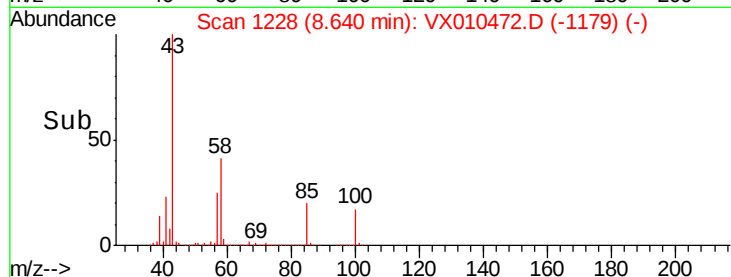
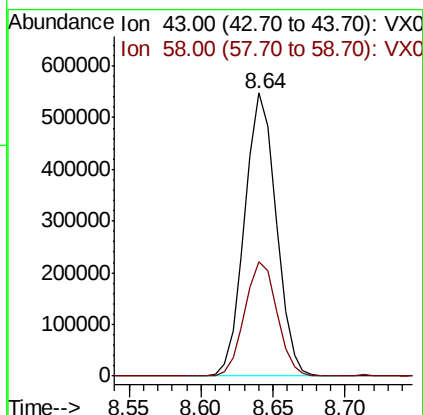
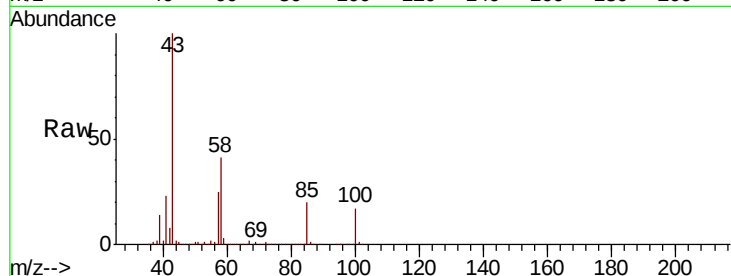




#51
4-Methyl-2-Pentanone
Concen: 252.795 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

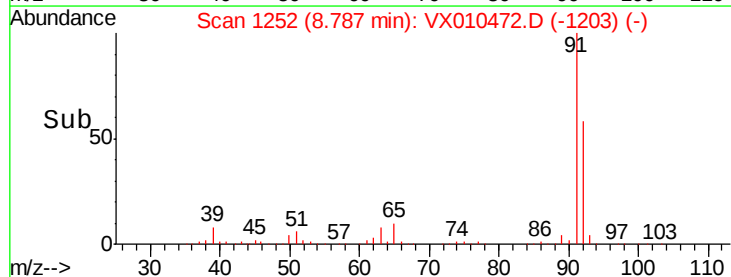
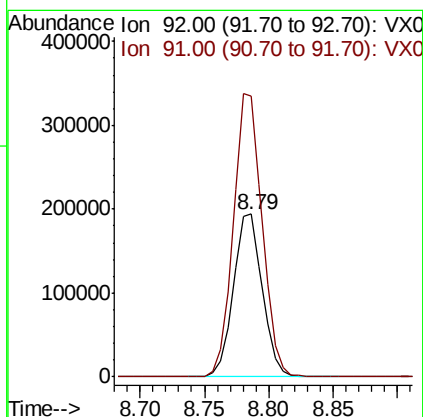
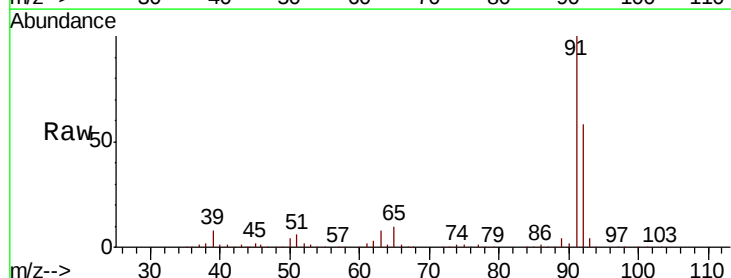
Instrument :
MSVOA_X
ClientSampleId :

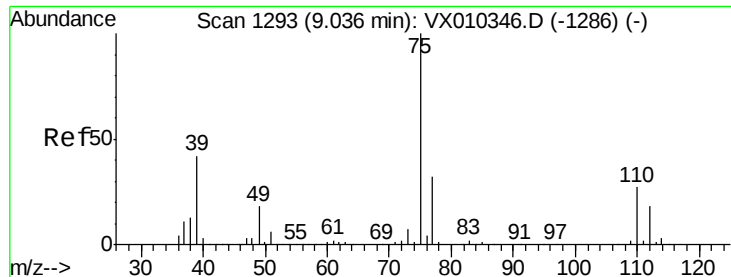
Tot Ion: 43 Resp: 832266
Ion Ratio Lower Upper
43 100
58 41.3 33.5 50.3



#52
Toluene
Concen: 48.634 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 92 Resp: 301772
Ion Ratio Lower Upper
92 100
91 174.2 139.8 209.6

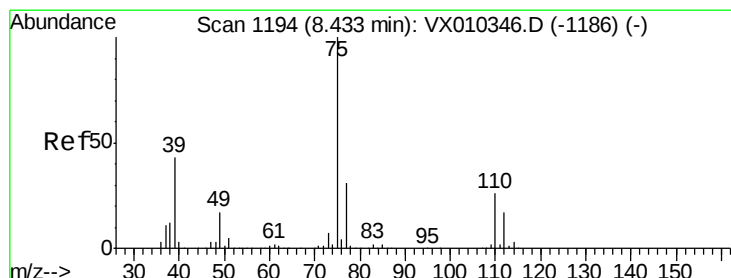
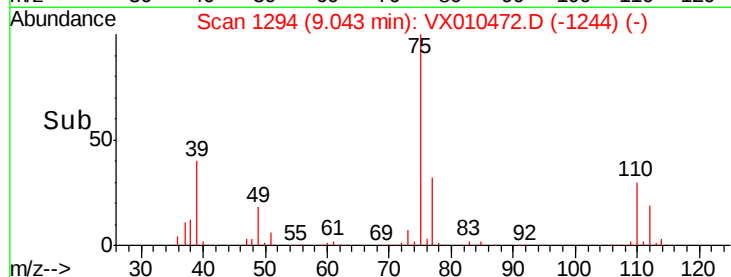
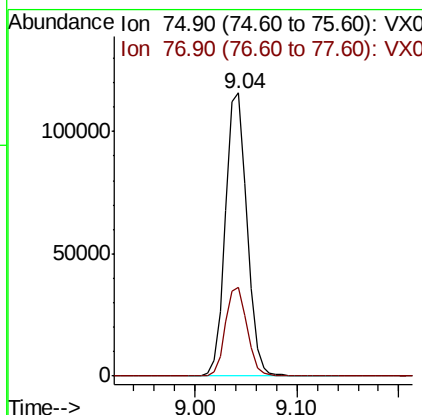
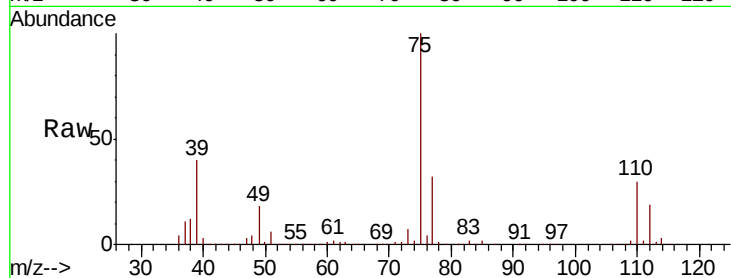




#53
t-1,3-Dichloropropene
Concen: 48.366 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

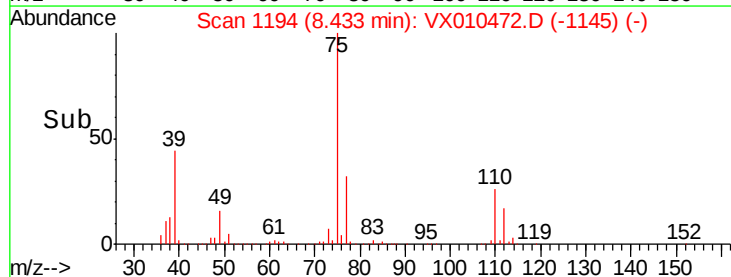
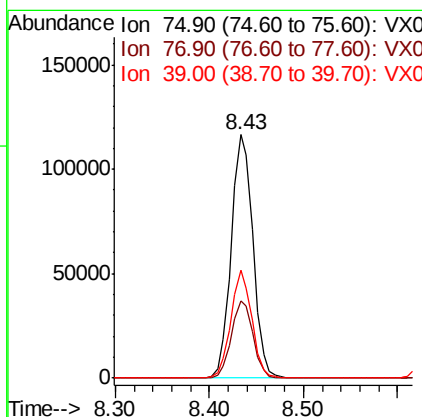
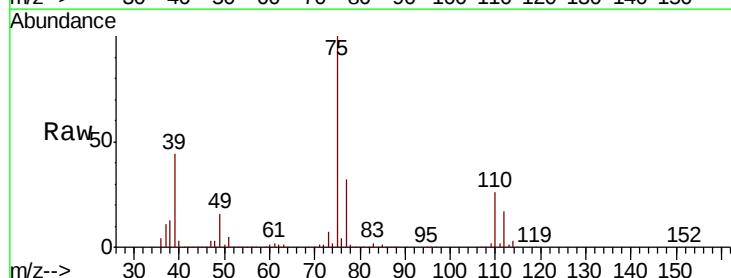
Instrument :
MSVOA_X
ClientSampled :

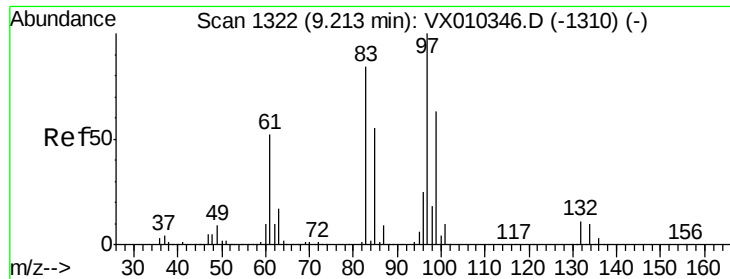
Tot Ion: 75 Resp: 169649
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.828 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 75 Resp: 186121
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 44.2 34.5 51.7

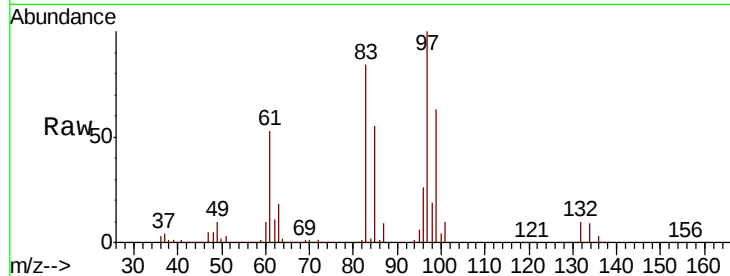




#55
 1,1,2-Trichloroethane
 Concen: 50.601 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	129491
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	55.3	43.8	65.8
99	63.3	50.3	75.5



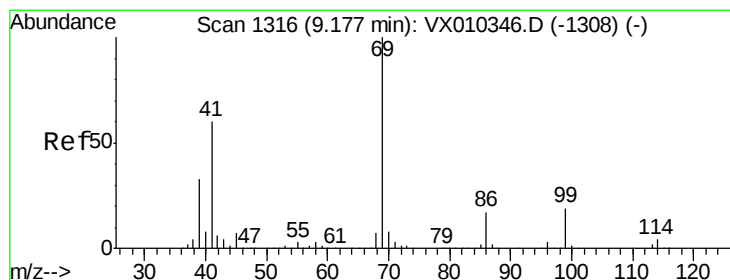
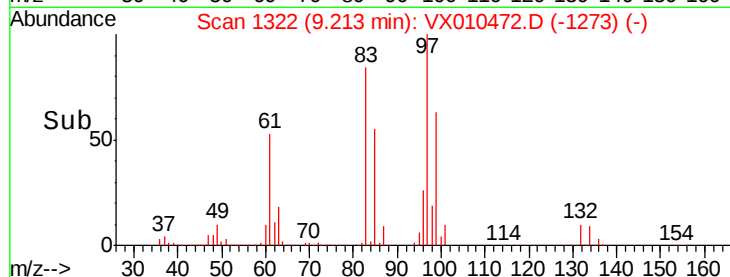
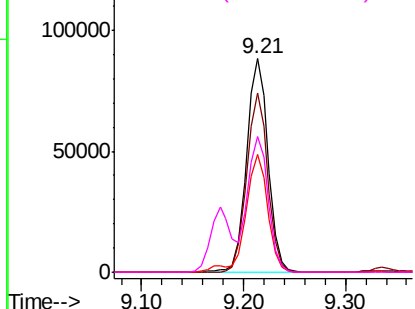
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

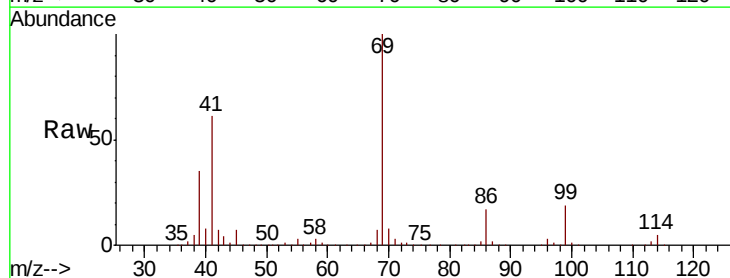
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 49.094 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion:	69	Resp:	190318
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.1	70.7
39	34.8	26.6	40.0

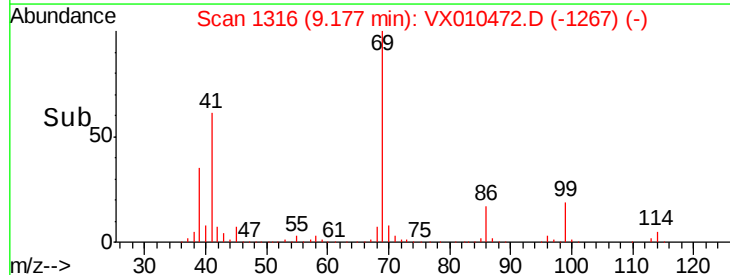
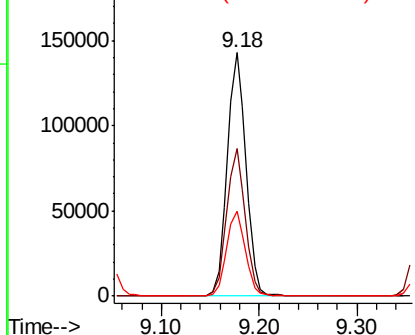


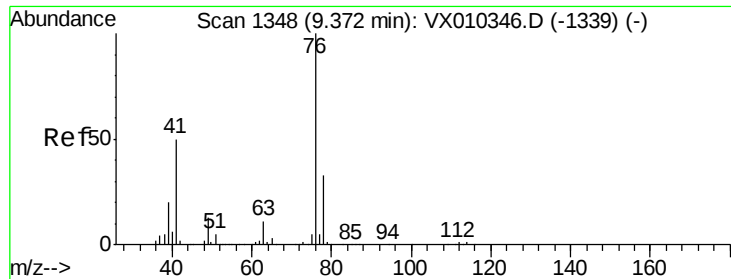
Abundance

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: 50.484 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

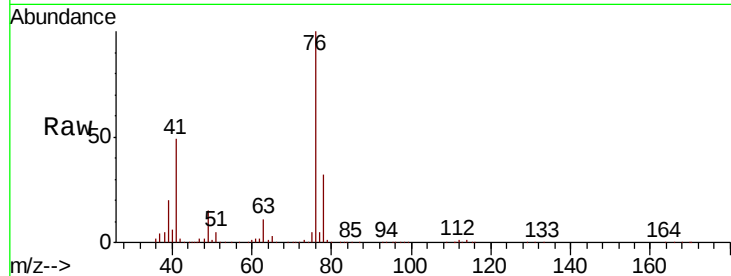
ClientSampleId :

Tot Ion: 76 Resp: 200546

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

100000

50000

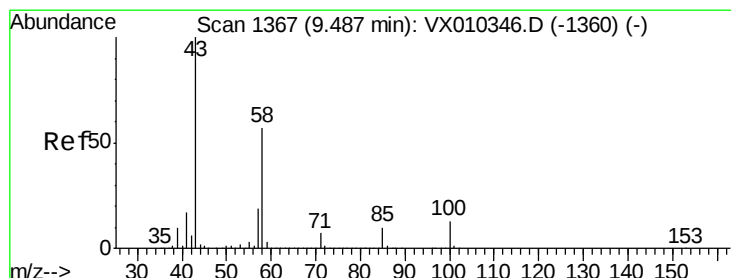
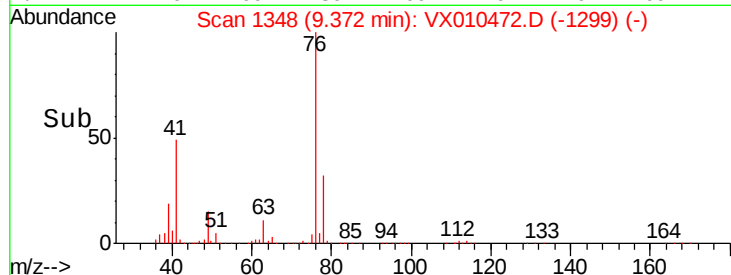
0

Time-->

9.30

9.40

9.50



#59

2-Hexanone

Concen: 245.687 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010472.D

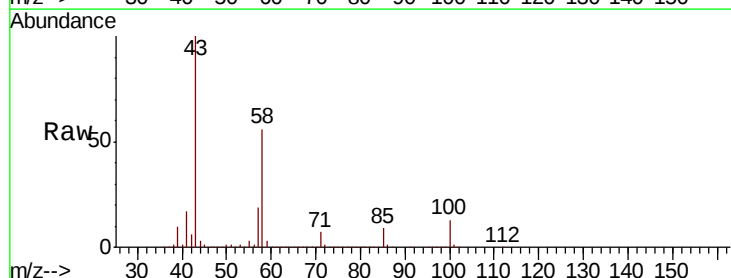
Acq: 26 Jun 2019 18:53

Tgt Ion: 43 Resp: 636607

Ion Ratio Lower Upper

43 100

58 57.2 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

200000

100000

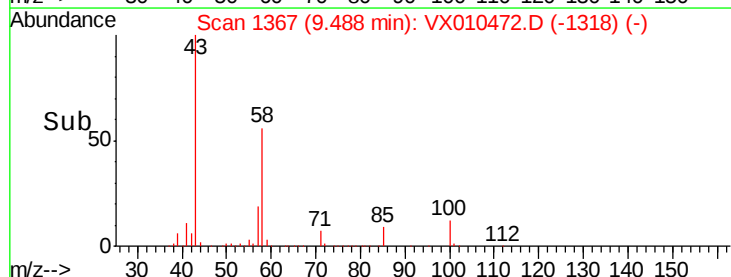
0

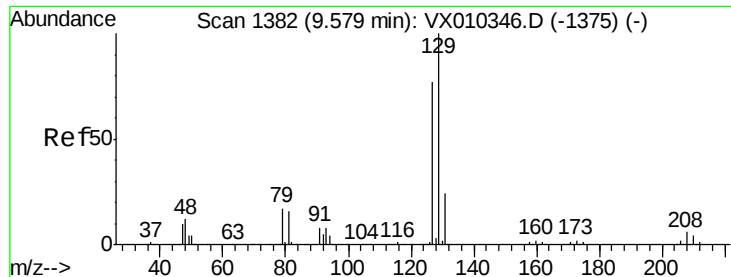
Time-->

9.40

9.50

9.60

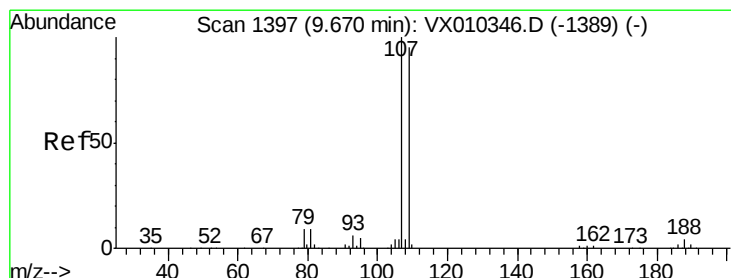
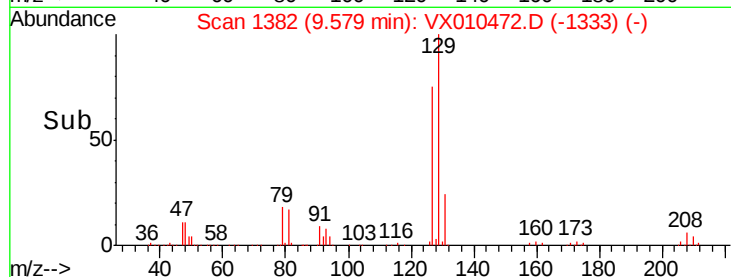
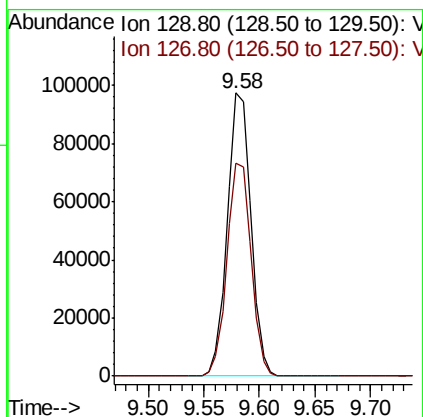
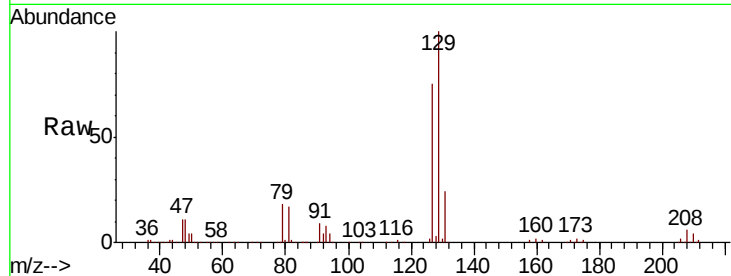




#60
 Dibromochloromethane
 Concen: 49.926 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

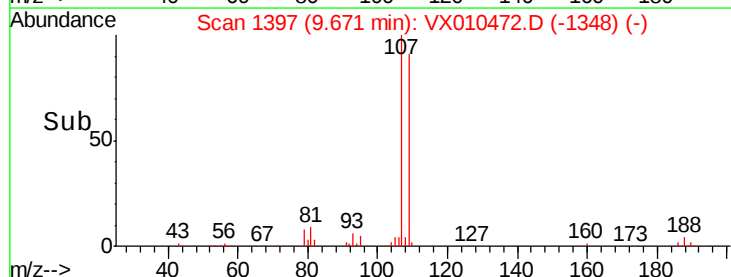
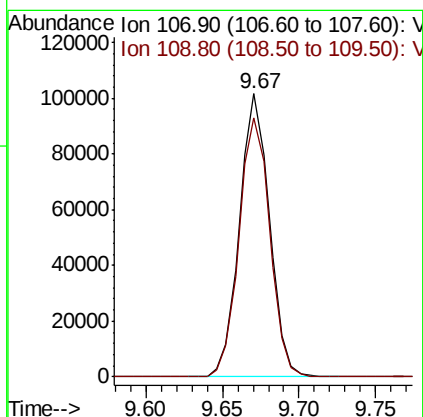
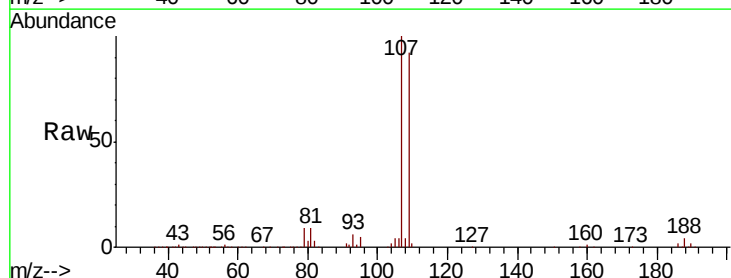
Instrument :
 MSVOA_X
 ClientSampleId :

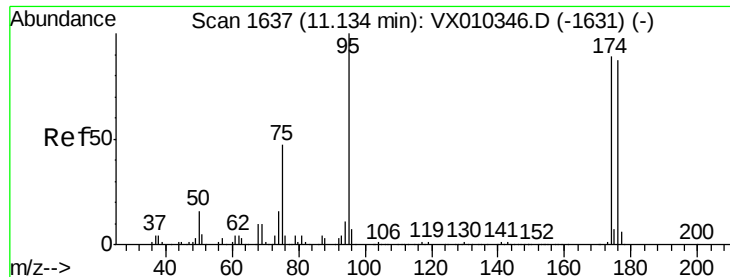
Tot Ion:129 Resp: 143052
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.4 115.1



#61
 1,2-Dibromoethane
 Concen: 50.083 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion:107 Resp: 138340
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 49.584 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

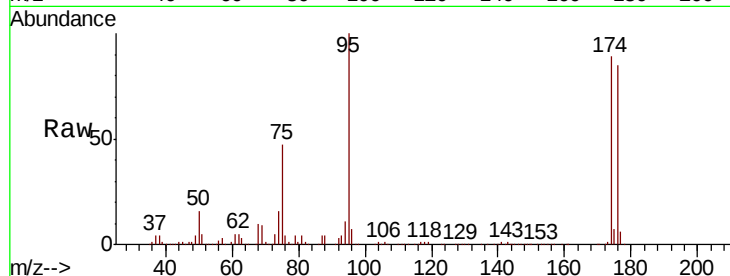
Tot Ion: 95 Resp: 159478

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

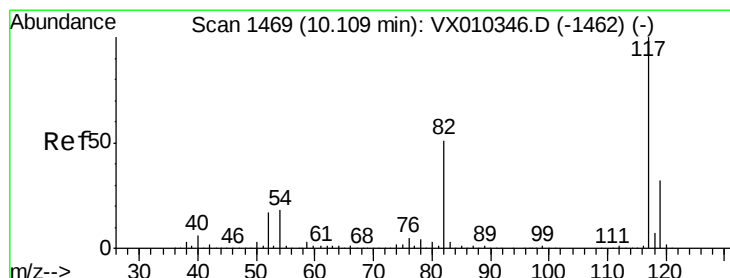
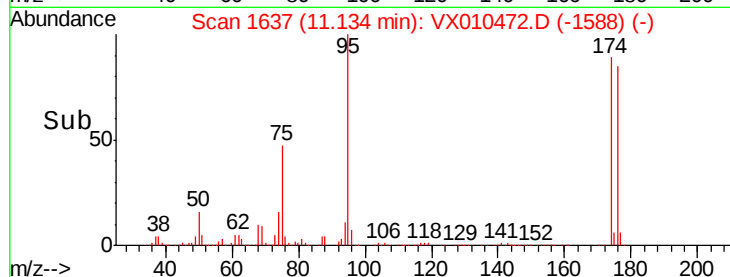
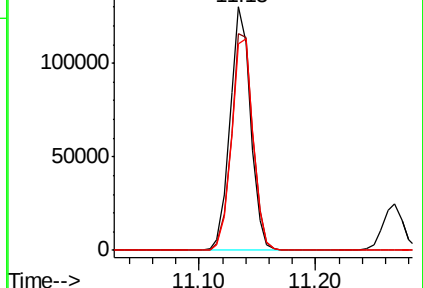
176 91.2 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

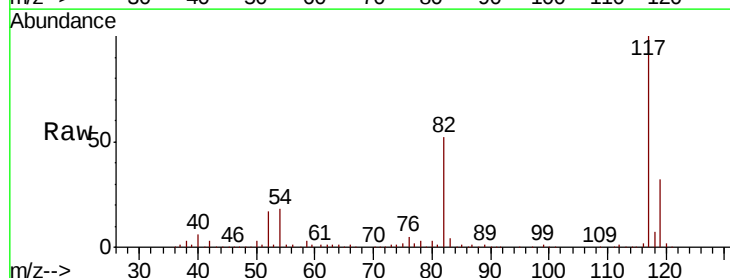
Tgt Ion: 117 Resp: 343991

Ion Ratio Lower Upper

117 100

82 51.6 41.2 61.8

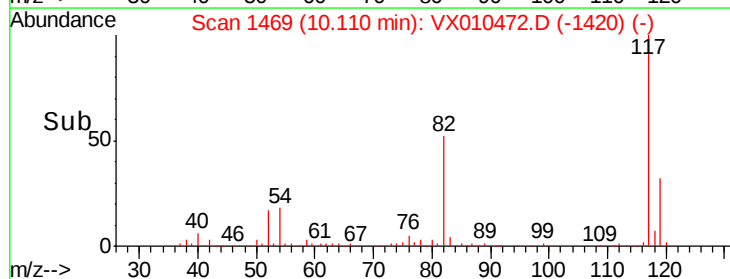
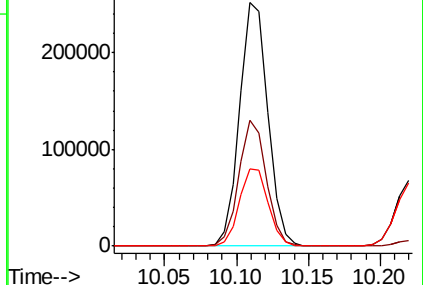
119 31.5 25.5 38.3

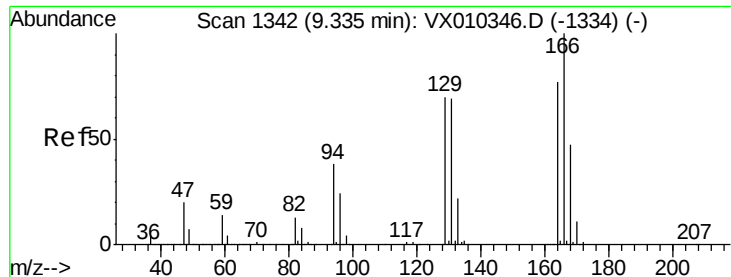


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 47.844 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 133116

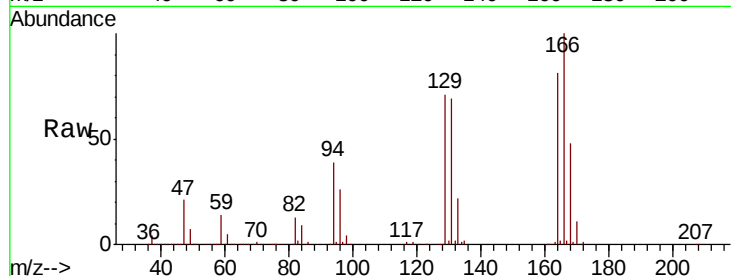
Ion Ratio Lower Upper

164 100

166 123.6 103.6 155.4

129 87.5 73.0 109.4

131 85.2 71.0 106.4

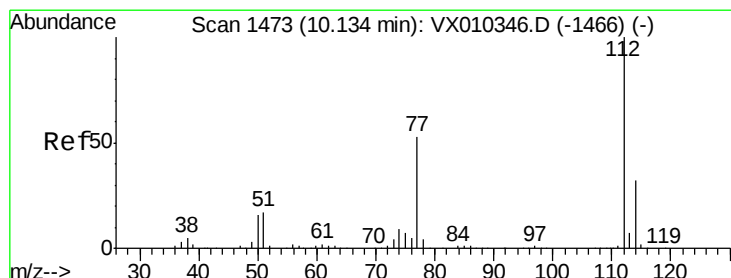
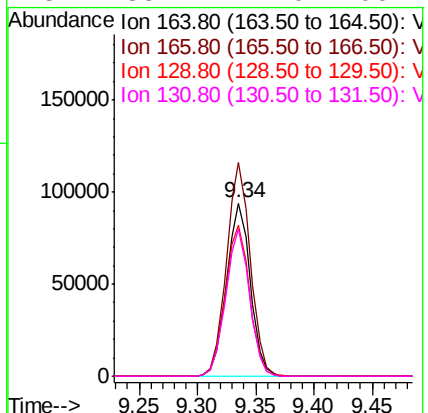
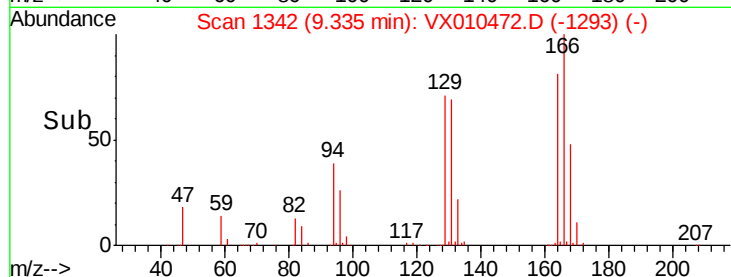


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.809 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010472.D

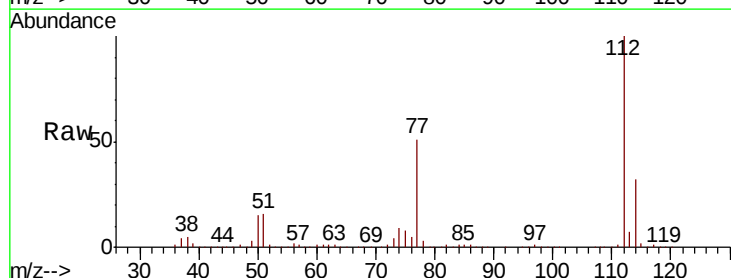
Acq: 26 Jun 2019 18:53

Tgt Ion:112 Resp: 340863

Ion Ratio Lower Upper

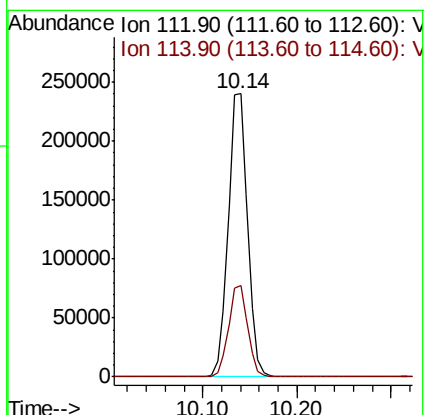
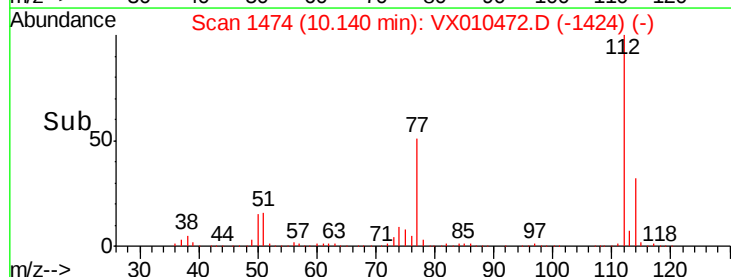
112 100

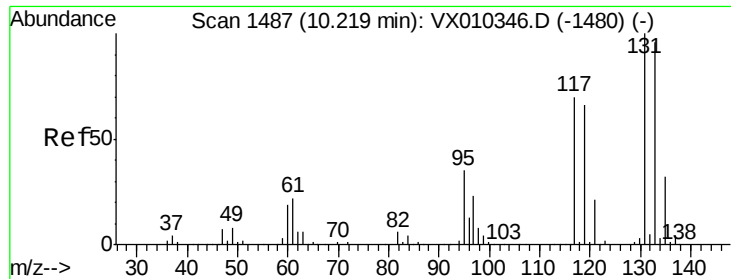
114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

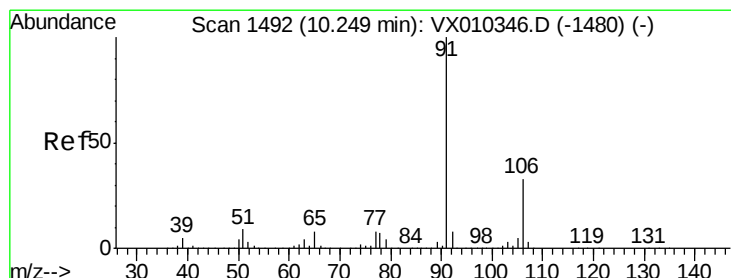
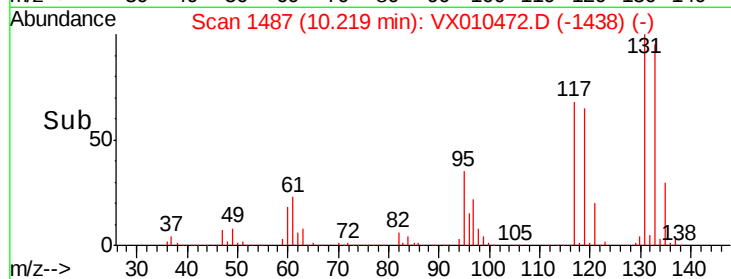
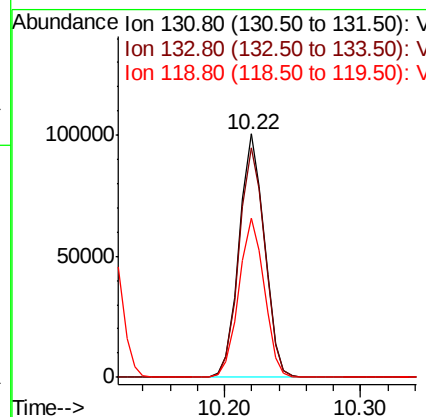
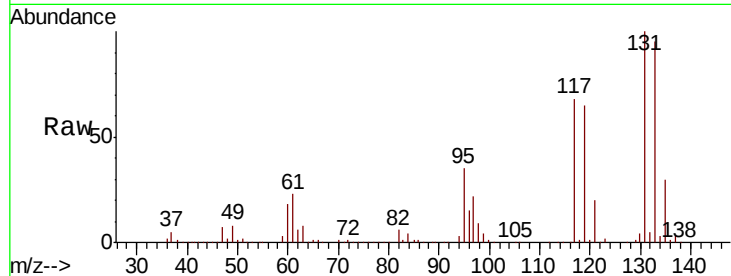




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.293 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

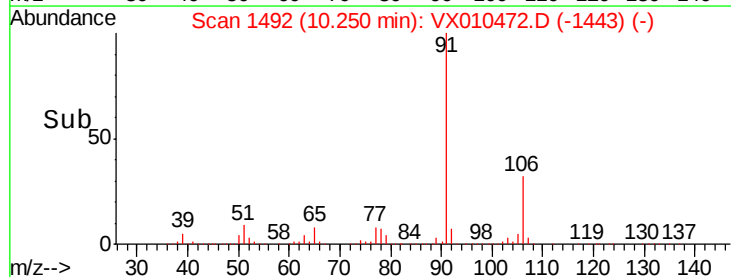
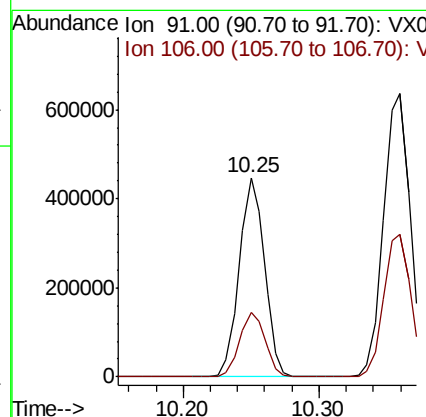
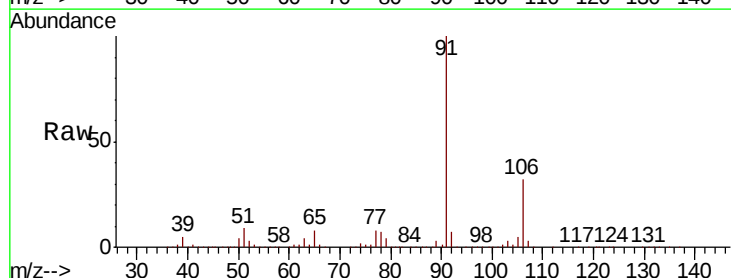
Instrument :
 MSVOA_X
 ClientSampleId :

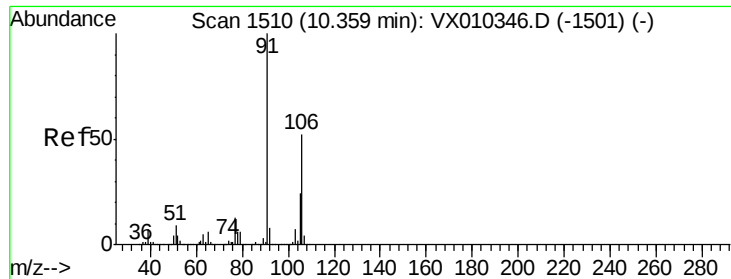
Tot Ion:131 Resp: 130480
 Ion Ratio Lower Upper
 131 100
 133 96.3 47.7 143.1
 119 65.8 32.6 97.7



#67
 Ethyl Benzene
 Concen: 49.270 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion: 91 Resp: 580896
 Ion Ratio Lower Upper
 91 100
 106 32.1 26.2 39.2





#68

m/p-Xylenes

Concen: 97.049 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

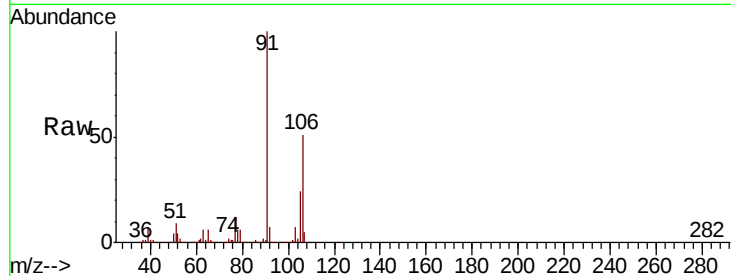
ClientSampleId :

Tot Ion:106 Resp: 443350

Ion Ratio Lower Upper

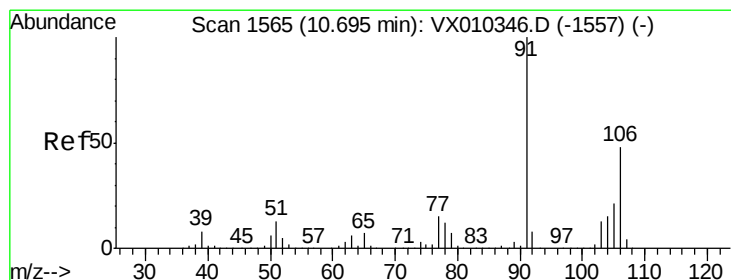
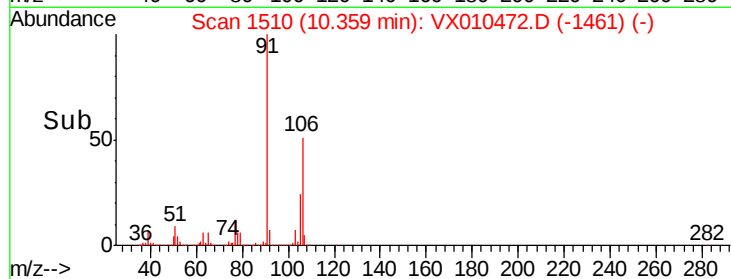
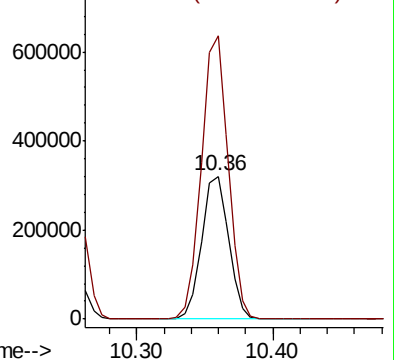
106 100

91 195.7 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.881 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010472.D

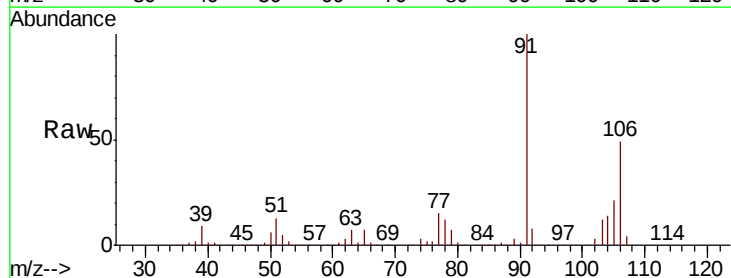
Acq: 26 Jun 2019 18:53

Tgt Ion:106 Resp: 219601

Ion Ratio Lower Upper

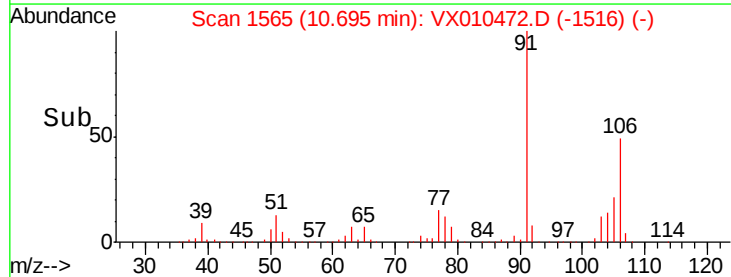
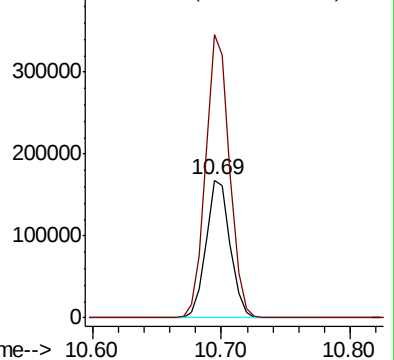
106 100

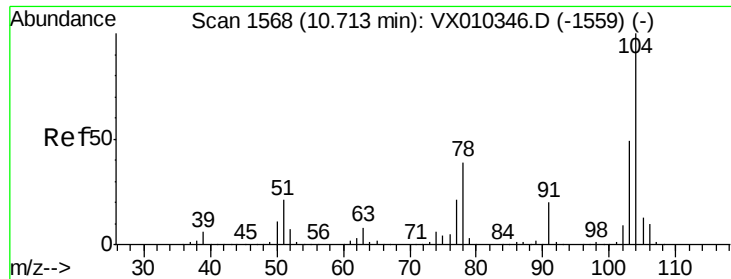
91 203.1 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

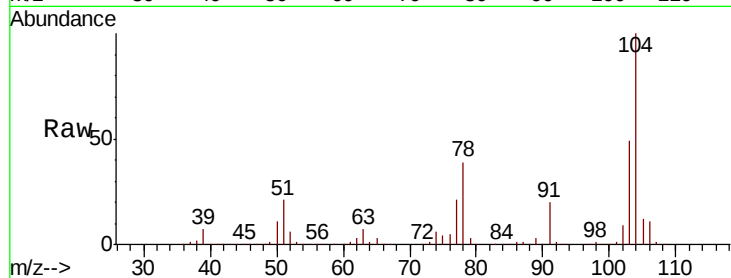




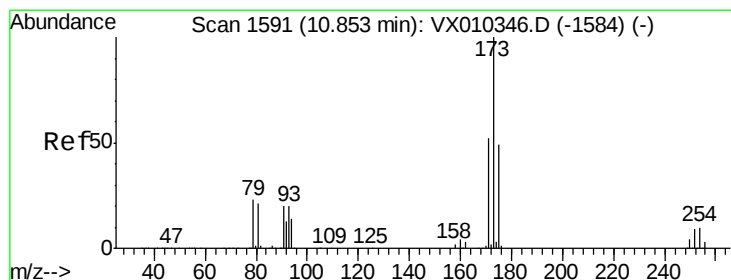
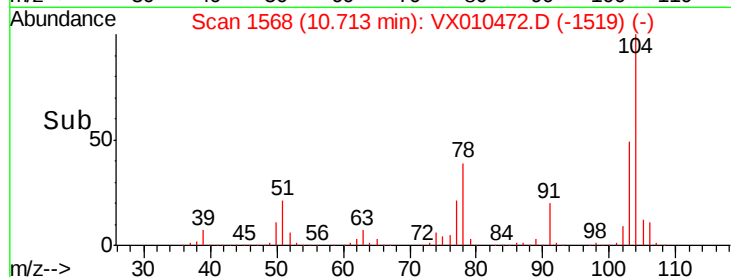
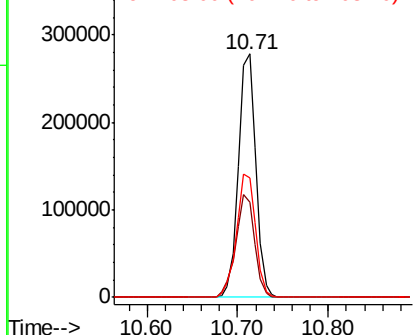
#70
Stvrene
Concen: 49.252 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 371071
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.2
103 55.4 44.2 66.4

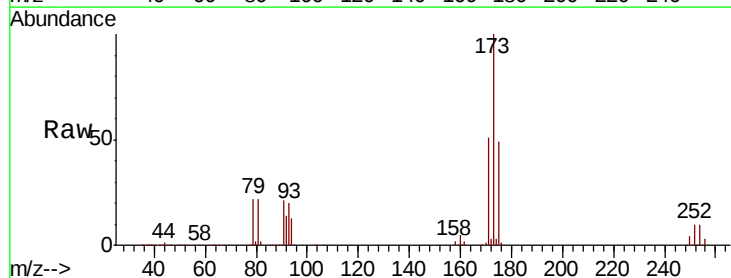


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

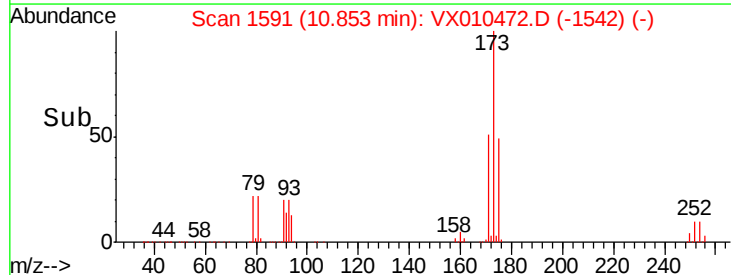
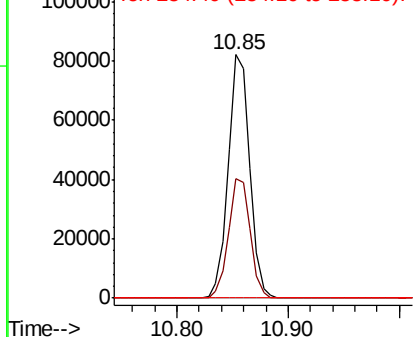


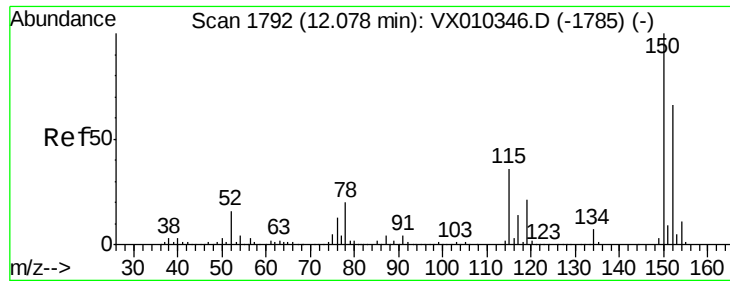
#71
Bromoform
Concen: 49.428 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion:173 Resp: 109343
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.3
254 0.2 0.2 0.2



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



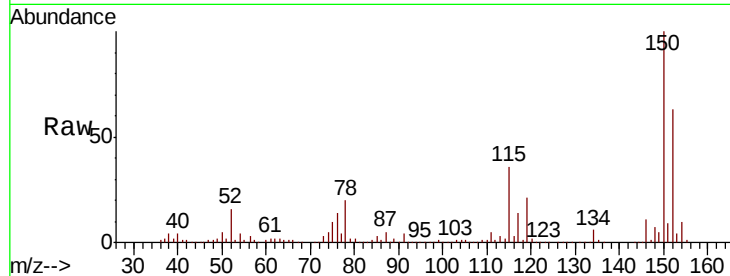


#72

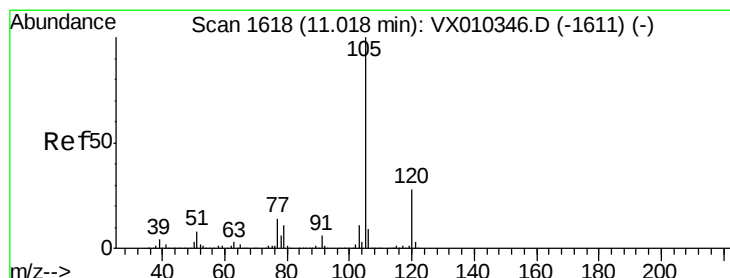
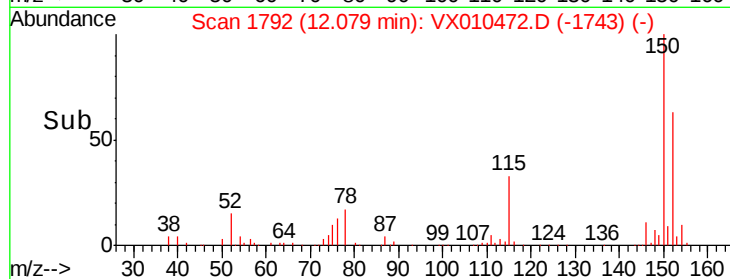
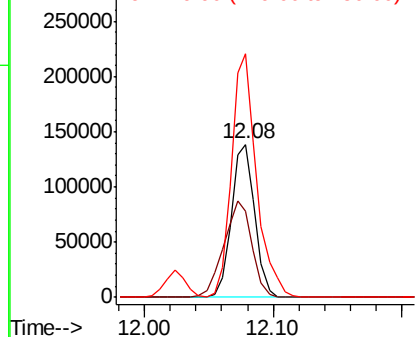
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 175169
Ion Ratio Lower Upper
152 100
115 76.5 38.6 115.7
150 170.5 0.0 347.4



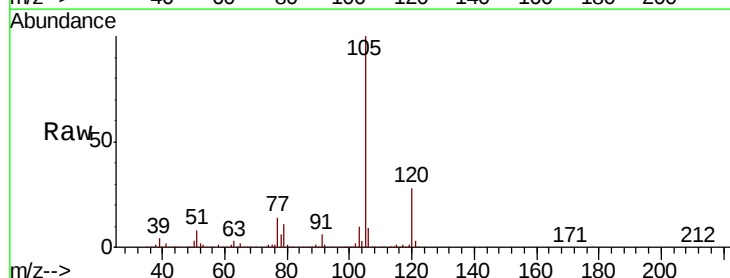
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



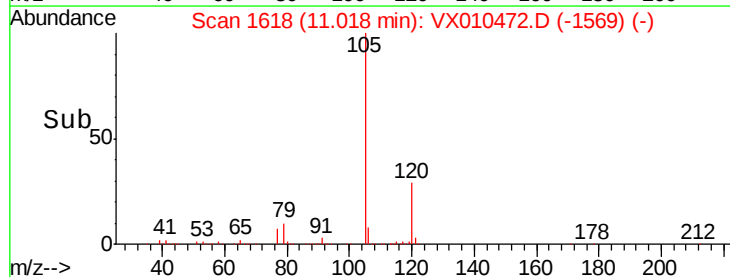
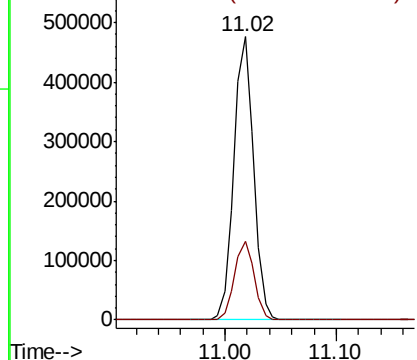
#73

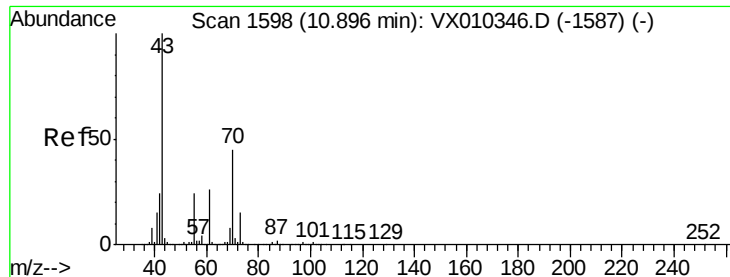
Isopropylbenzene
Concen: 49.049 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion:105 Resp: 582417
Ion Ratio Lower Upper
105 100
120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 207322

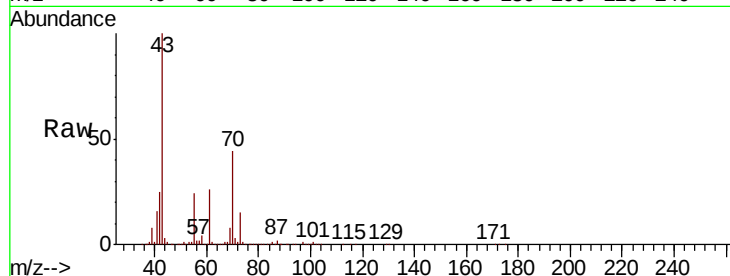
Ion Ratio Lower Upper

43 100

70 45.5 36.6 54.8

55 24.3 18.7 28.1

61 25.7 20.6 31.0

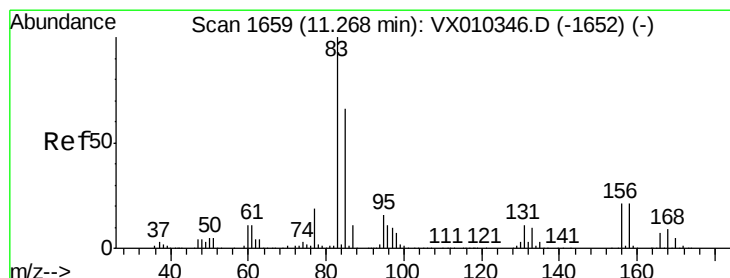
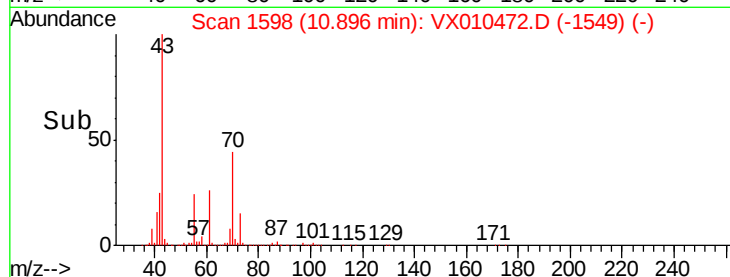
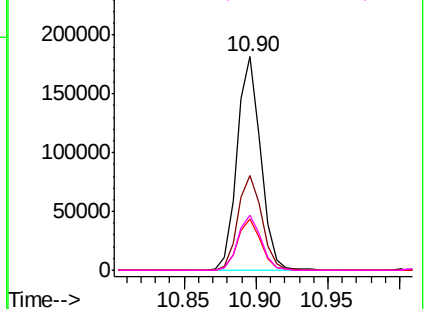


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.864 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

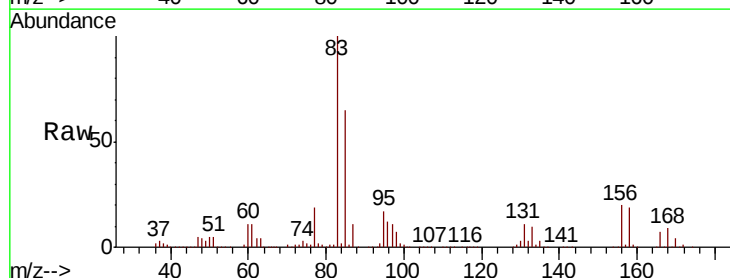
Tgt Ion: 83 Resp: 196089

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

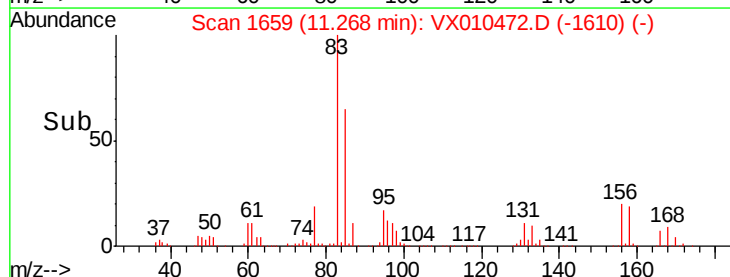
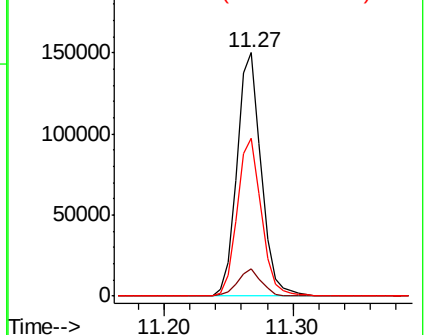
85 64.9 32.3 96.8

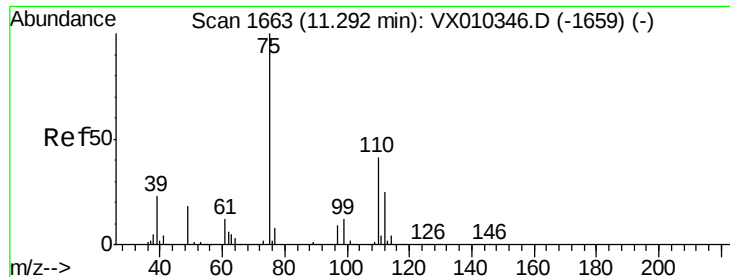


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.128 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

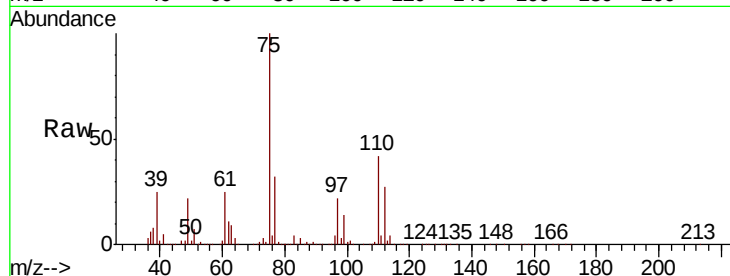
ClientSampleId :

Tot Ion: 75 Resp: 214276

Ion Ratio Lower Upper

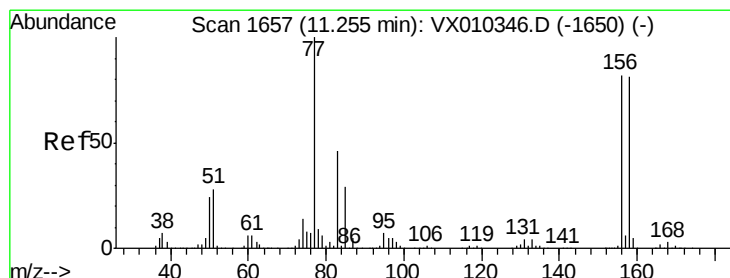
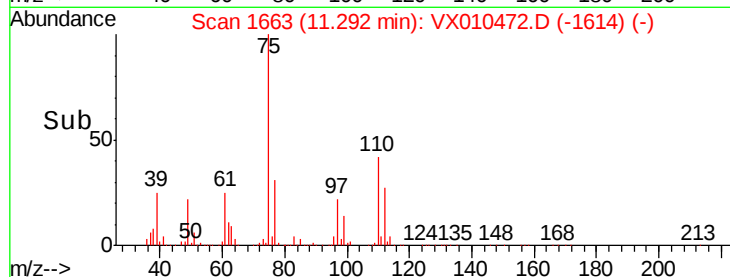
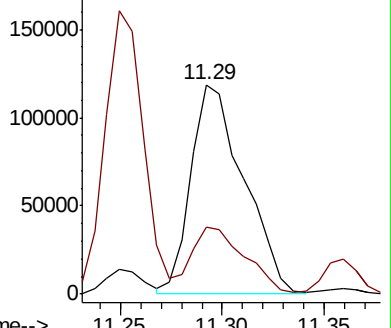
75 100

77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.242 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

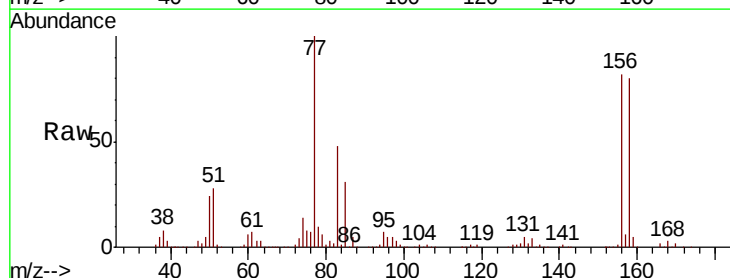
Tgt Ion: 156 Resp: 159953

Ion Ratio Lower Upper

156 100

77 131.4 66.3 198.7

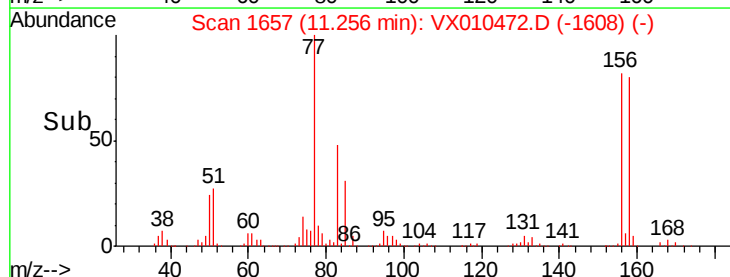
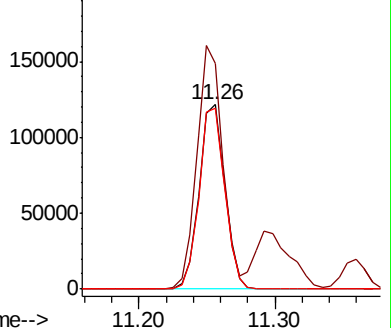
158 98.3 48.9 146.7

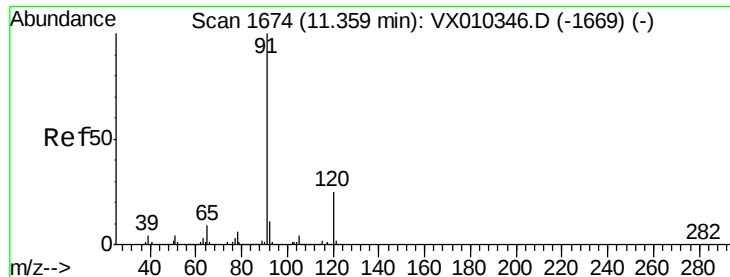


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.251 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

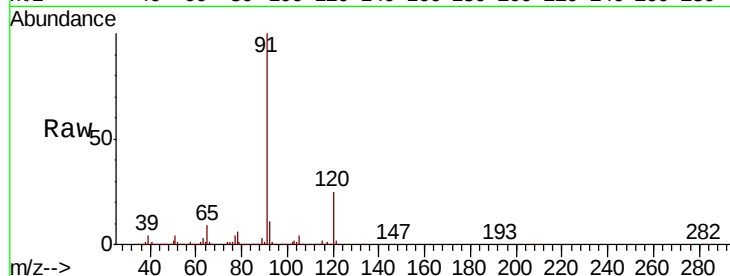
ClientSampled :

Tot Ion: 91 Resp: 642739

Ion Ratio Lower Upper

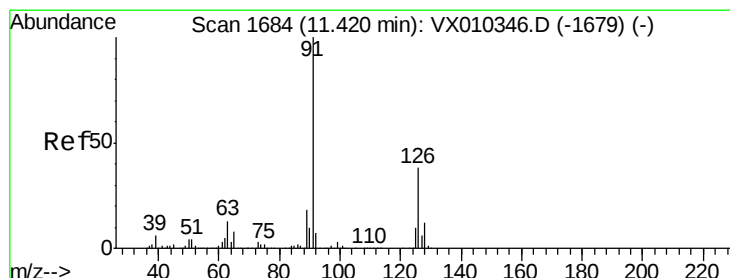
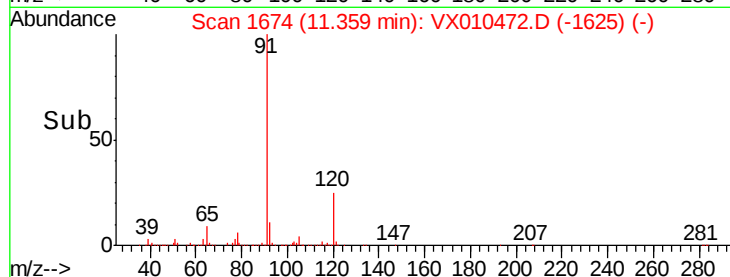
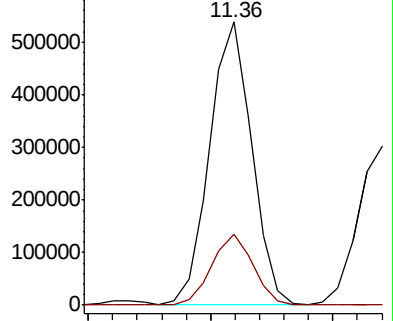
91 100

120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.133 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010472.D

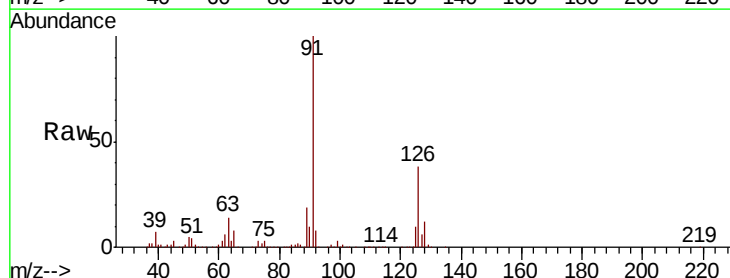
Acq: 26 Jun 2019 18:53

Tgt Ion: 91 Resp: 374053

Ion Ratio Lower Upper

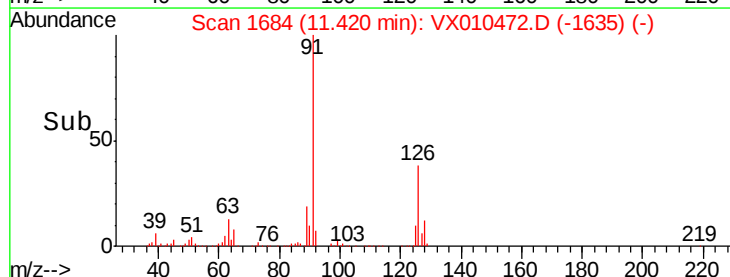
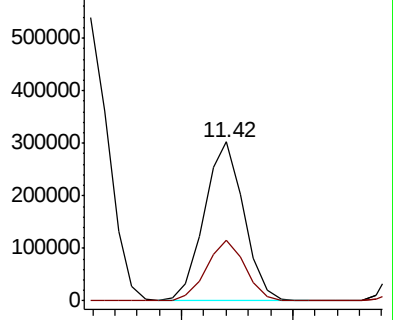
91 100

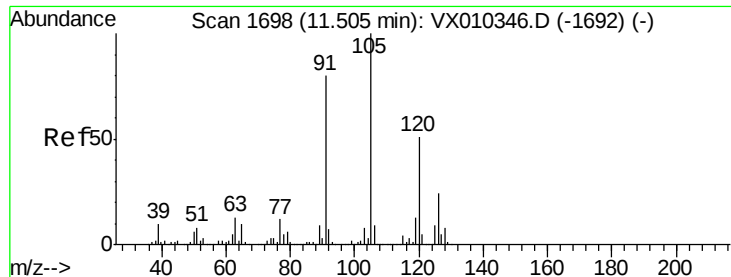
126 37.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

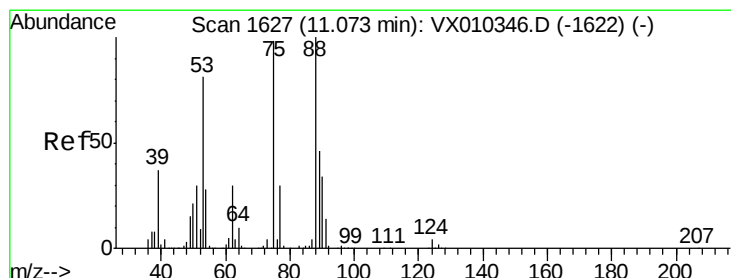
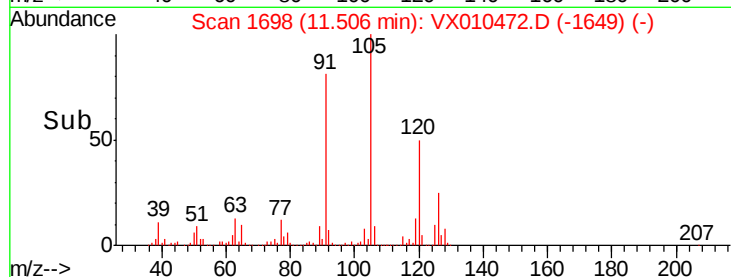
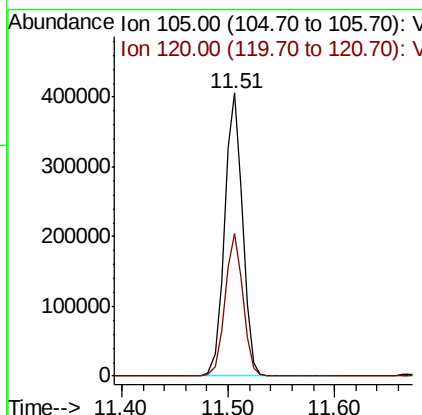
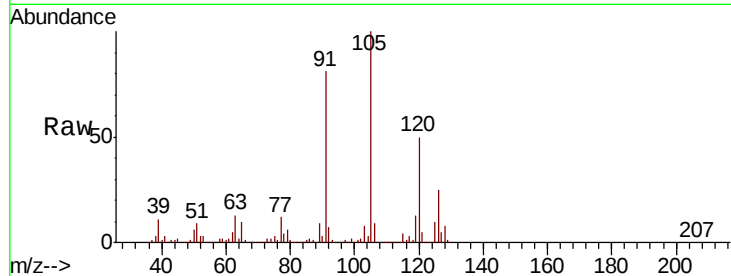




#80
 1,3,5-Trimethylbenzene
 Concen: 48.655 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

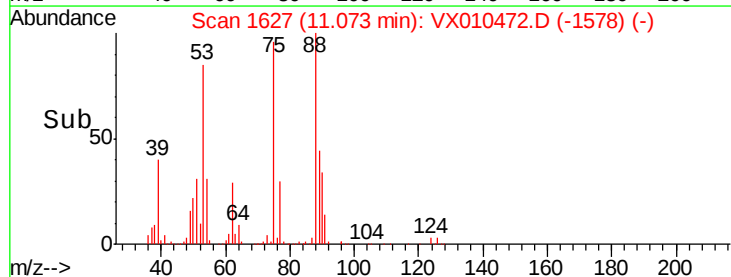
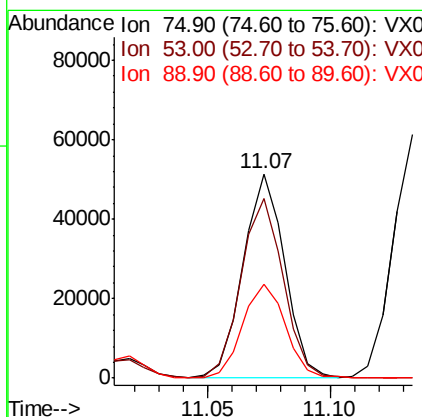
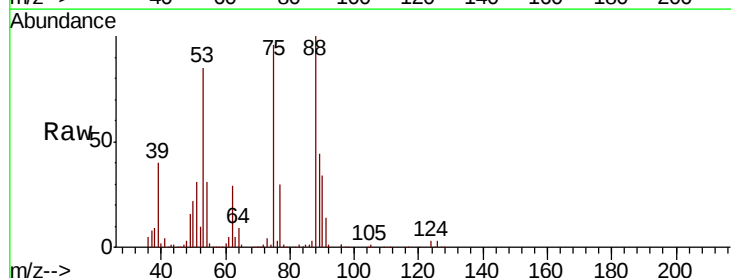
Instrument :
 MSVOA_X
 ClientSampled :

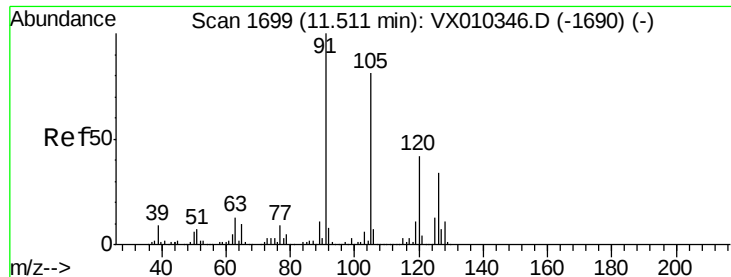
Tot Ion:105 Resp: 476281
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.335 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Tgt Ion: 75 Resp: 60662
 Ion Ratio Lower Upper
 75 100
 53 90.2 66.1 99.1
 89 47.9 37.8 56.6





#82

4-Chlorotoluene

Concen: 48.938 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

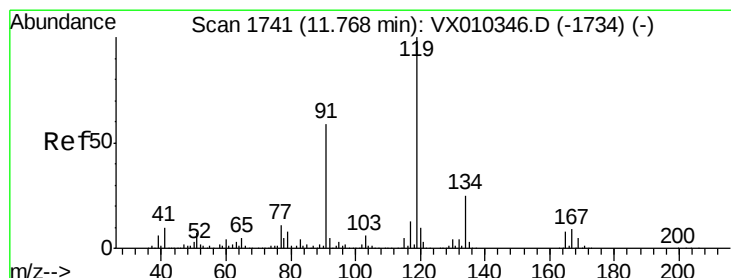
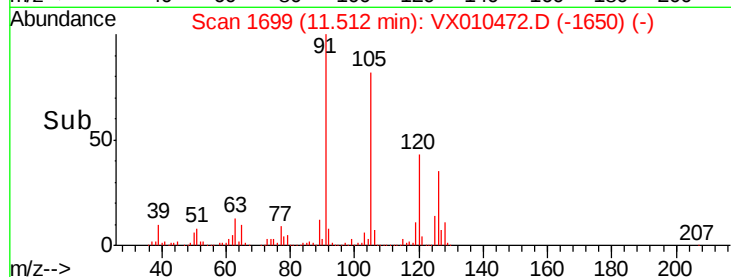
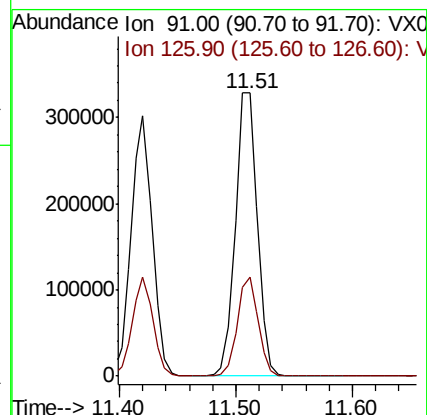
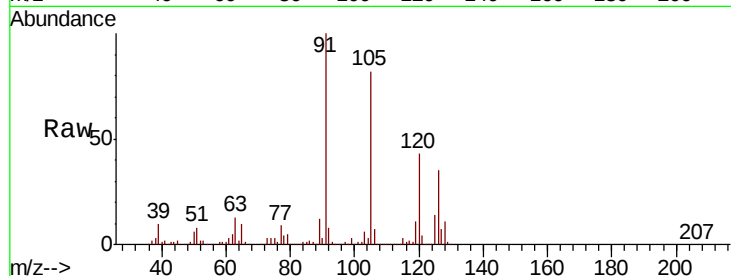
ClientSampled :

Tot Ion: 91 Resp: 432751

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#83

tert-Butylbenzene

Concen: 49.275 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

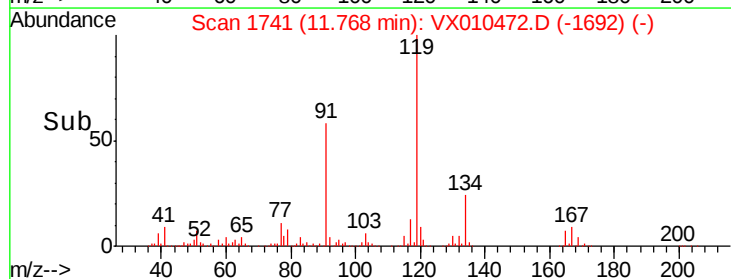
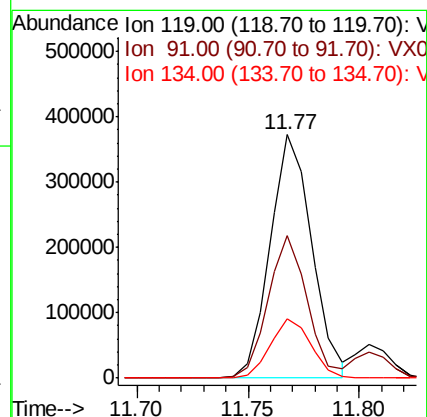
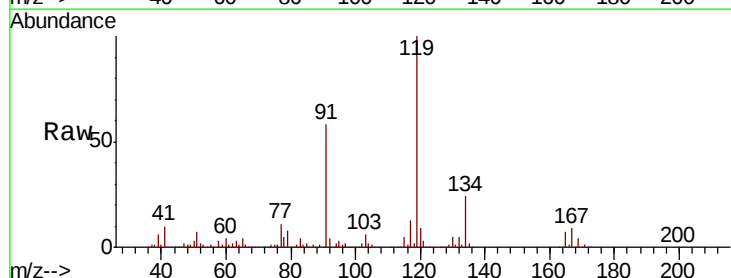
Tgt Ion: 119 Resp: 484127

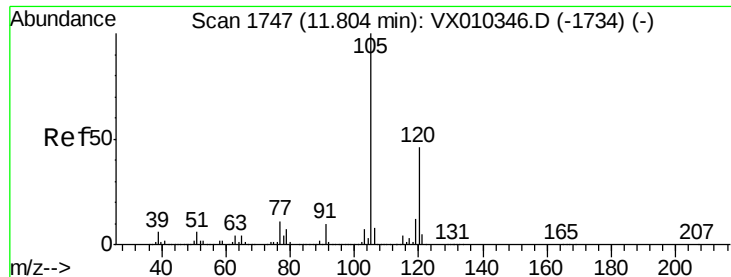
Ion Ratio Lower Upper

119 100

91 54.9 27.6 82.7

134 23.7 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 48.888 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

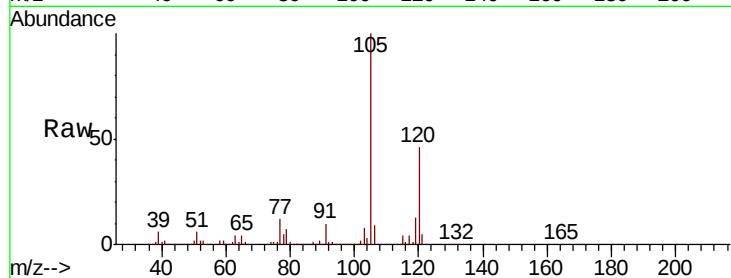
ClientSampleId :

Tot Ion:105 Resp: 480804

Ion Ratio Lower Upper

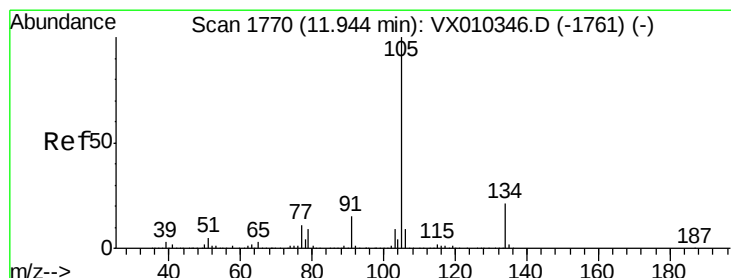
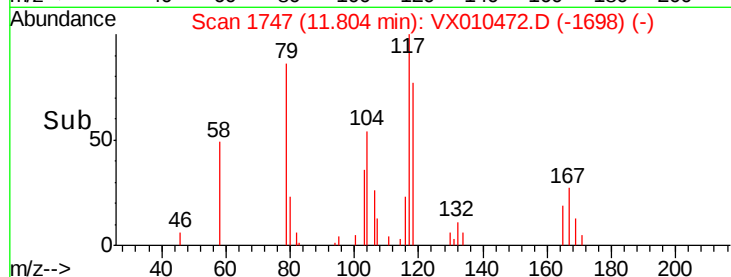
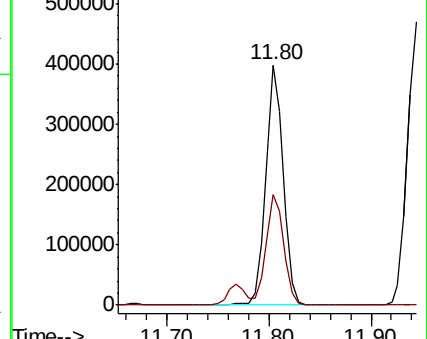
105 100

120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 48.483 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010472.D

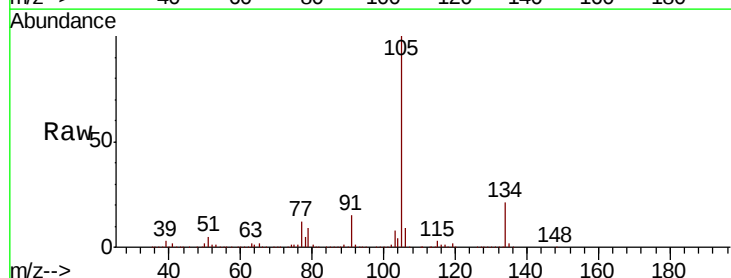
Acq: 26 Jun 2019 18:53

Tgt Ion:105 Resp: 559300

Ion Ratio Lower Upper

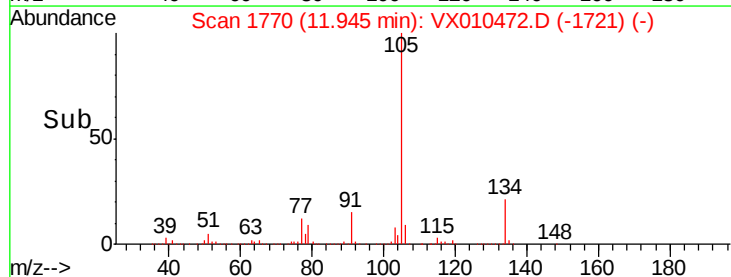
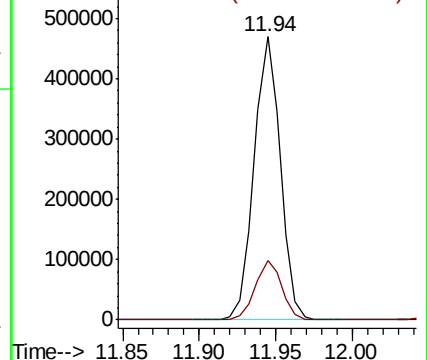
105 100

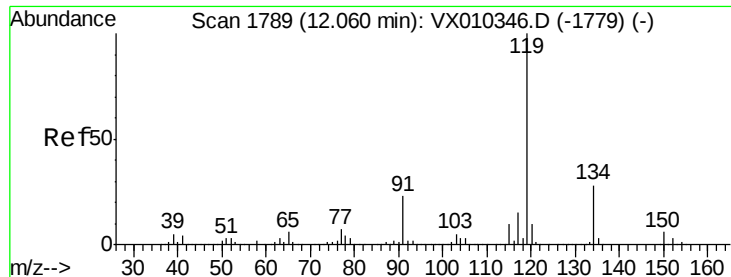
134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

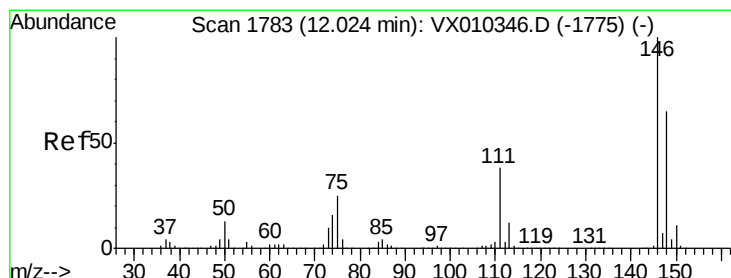
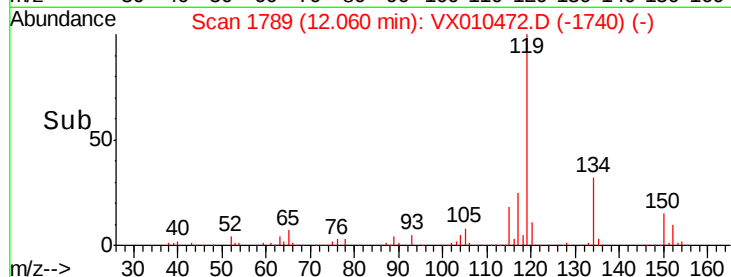
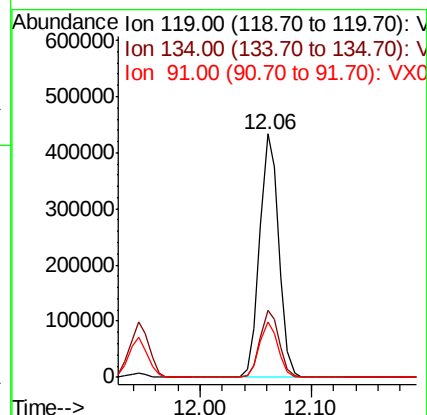
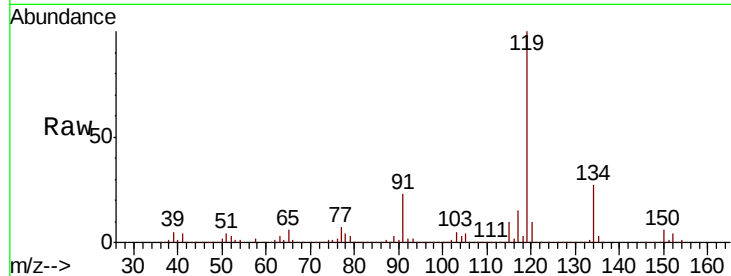




#86
p-Isopropyltoluene
Concen: 48.537 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

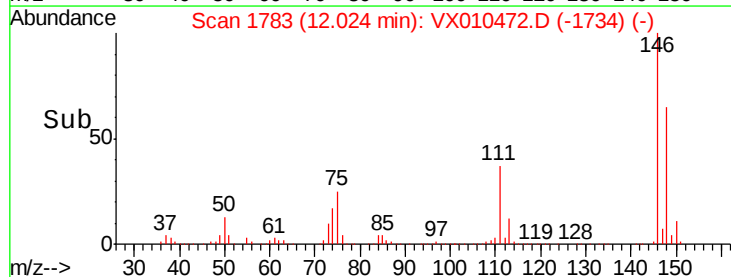
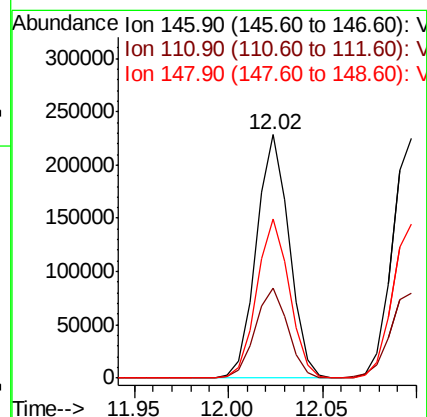
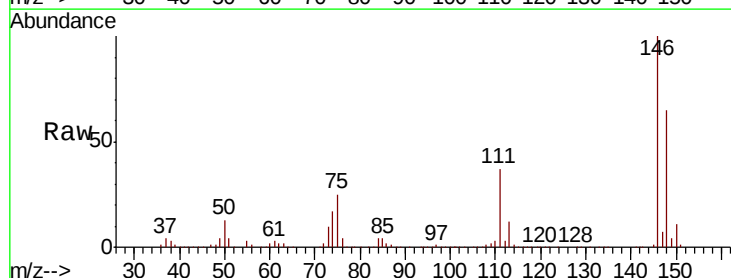
Instrument :
MSVOA_X
ClientSampled :

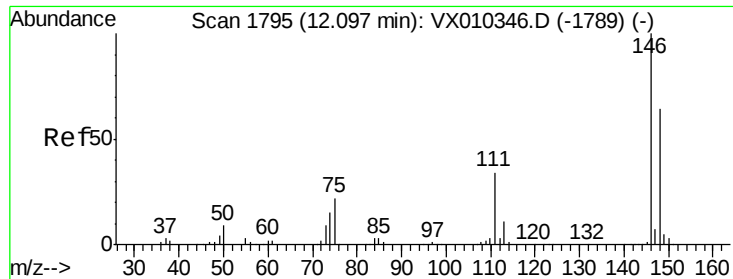
Tot Ion:119 Resp: 517905
Ion Ratio Lower Upper
119 100
134 27.5 13.7 41.1
91 22.4 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 47.724 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion:146 Resp: 276211
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 64.7 32.5 97.4

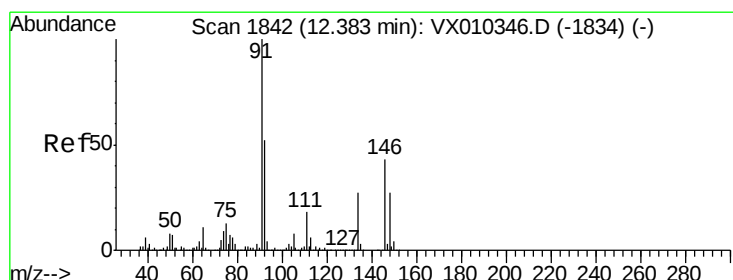
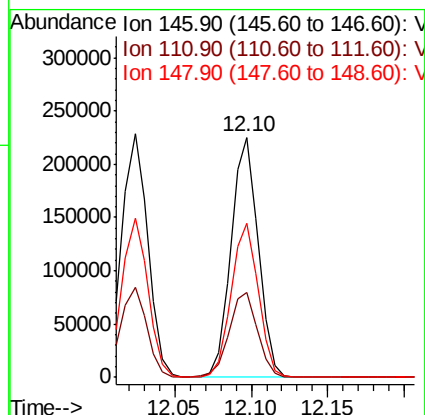
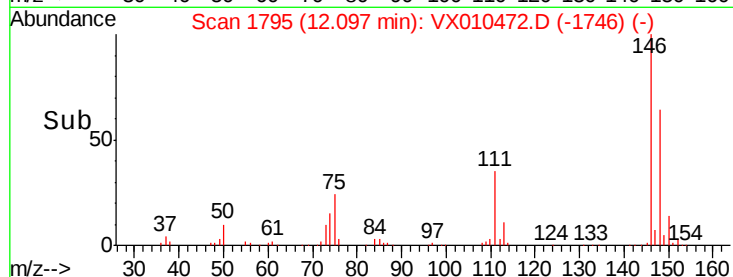
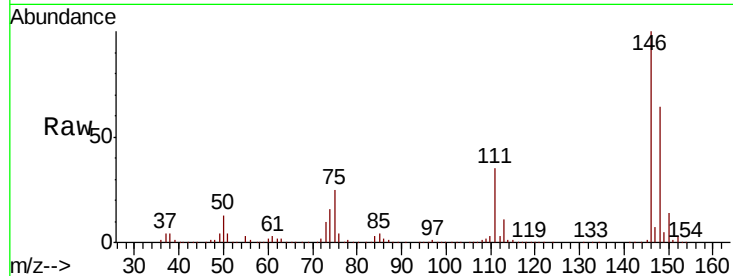




#88
1,4-Dichlorobenzene
Concen: 46.765 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

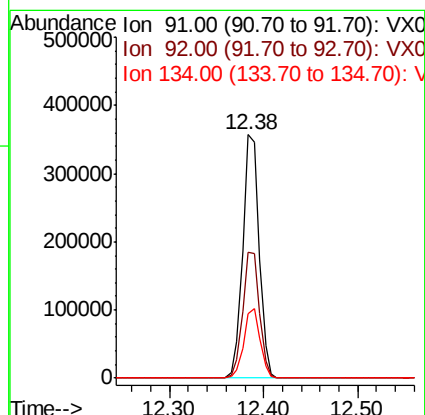
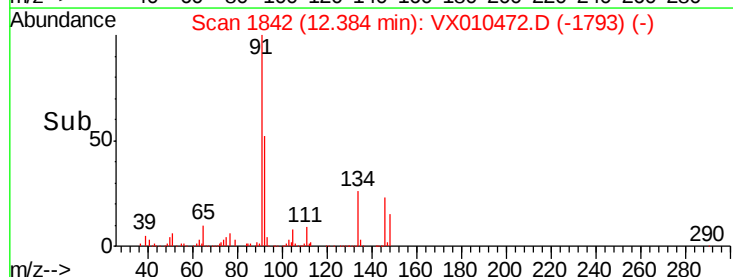
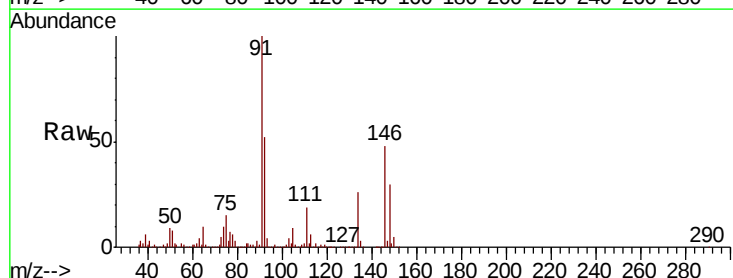
Instrument :
MSVOA_X
ClientSampled :

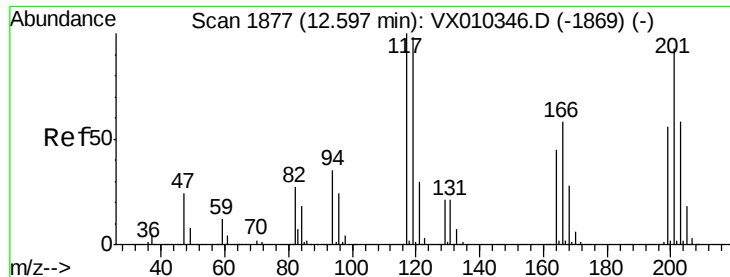
Tot Ion:146 Resp: 275546
Ion Ratio Lower Upper
146 100
111 36.9 18.1 54.3
148 64.3 32.1 96.3



#89
n-Butylbenzene
Concen: 47.630 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion: 91 Resp: 431868
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 28.3 14.1 42.4

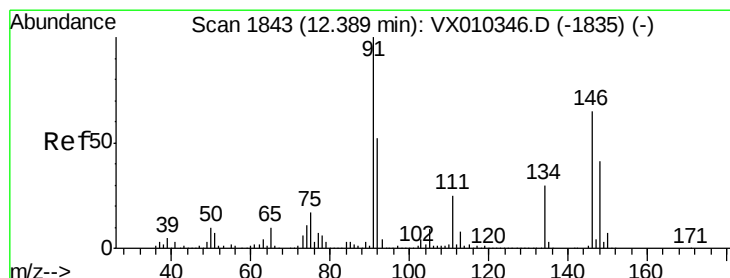
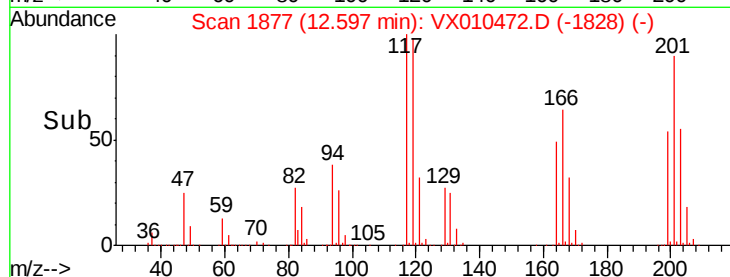
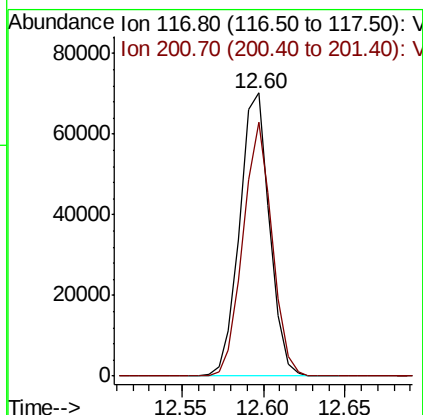
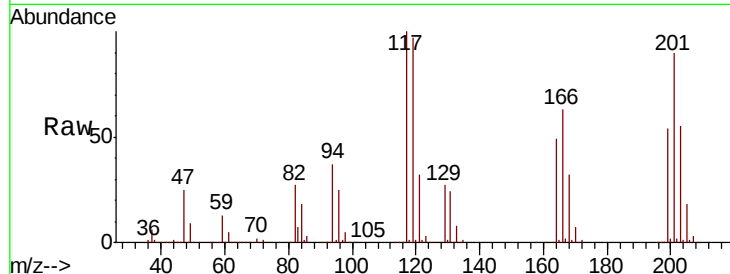




#90
Hexachloroethane
Concen: 48.683 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

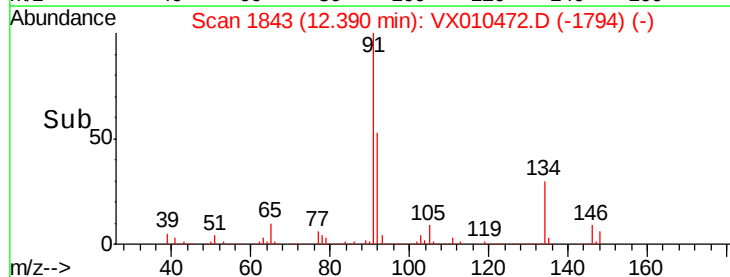
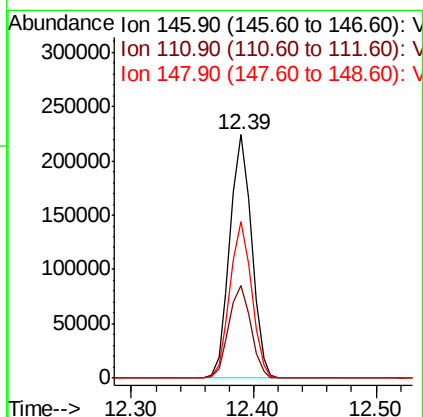
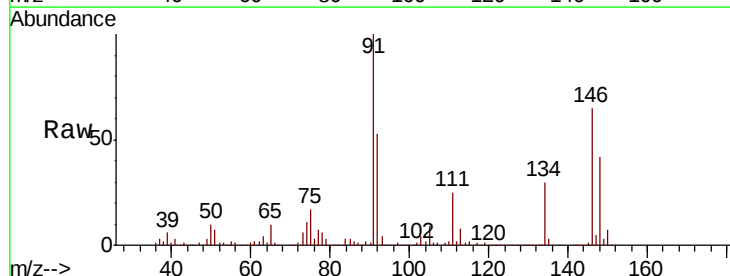
Instrument :
MSVOA_X
ClientSampleId :

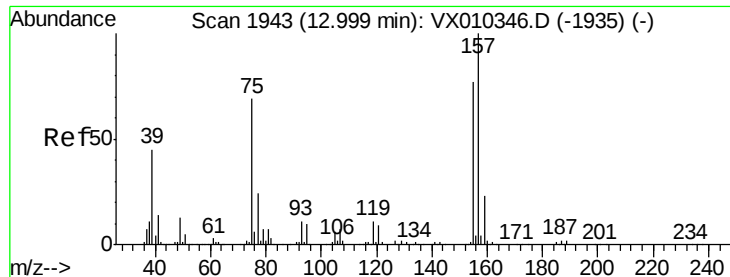
Tot Ion:117 Resp: 89822
Ion Ratio Lower Upper
117 100
201 86.8 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 47.983 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010472.D
Acq: 26 Jun 2019 18:53

Tgt Ion:146 Resp: 276011
Ion Ratio Lower Upper
146 100
111 38.3 19.2 57.6
148 63.8 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.870 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

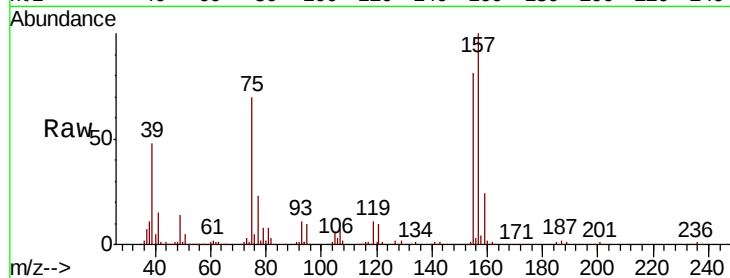
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 39739

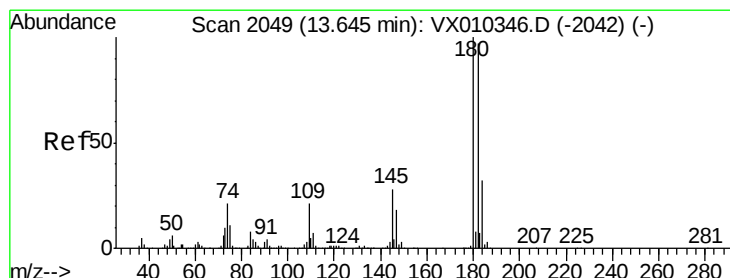
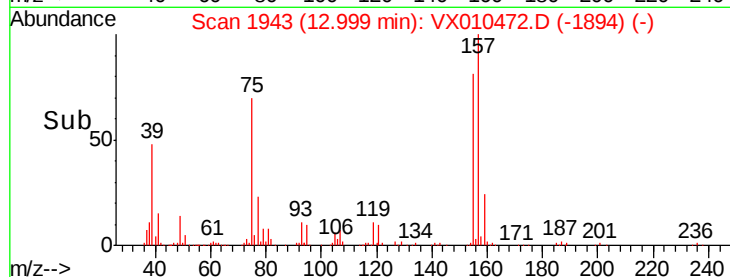
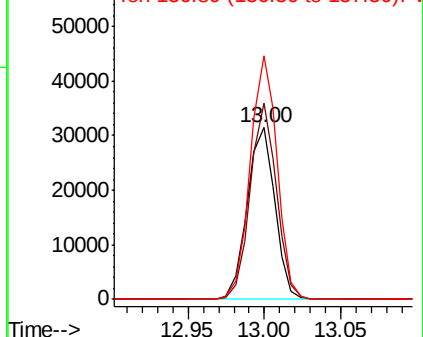
Ion	Ratio	Lower	Upper
75	100		
155	108.4	54.4	163.1
157	137.1	69.5	208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.121 ug/l

RT: 13.65 min Scan# 2049

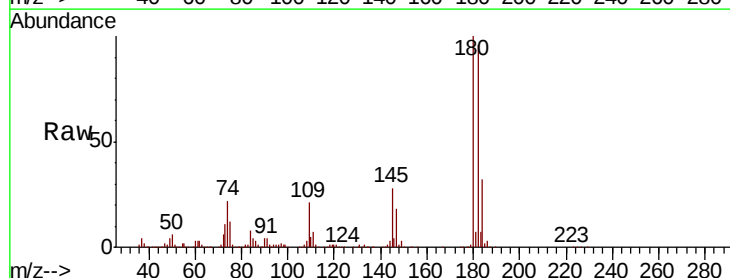
Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Tgt Ion:180 Resp: 187968

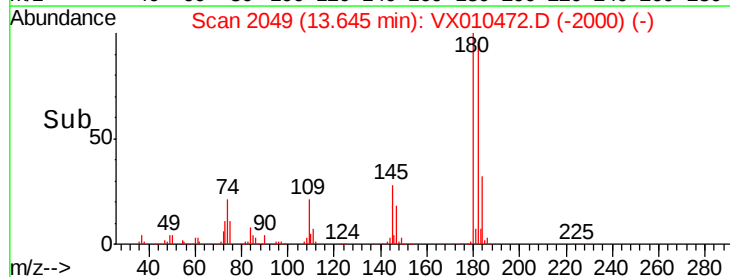
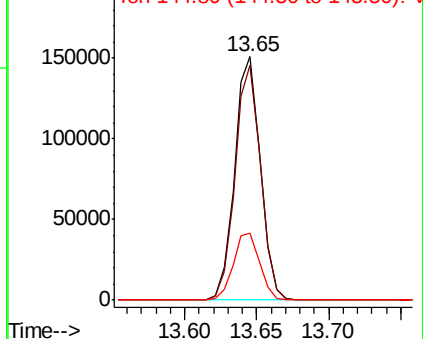
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	28.3	14.4	43.4

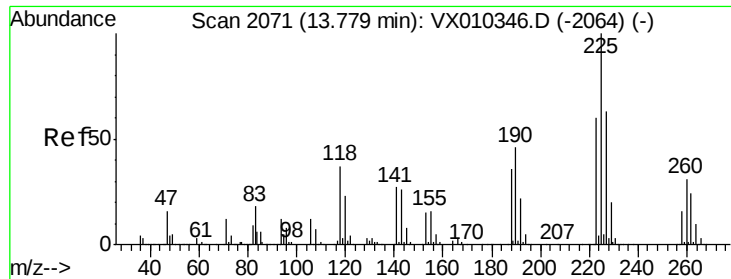


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 44.046 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

Instrument :

MSVOA_X

ClientSampleId :

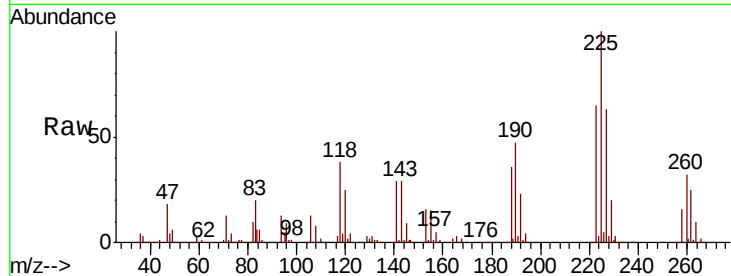
Tot Ion:225 Resp: 85871

Ion Ratio Lower Upper

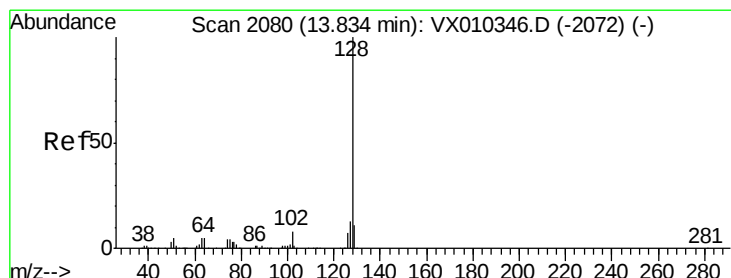
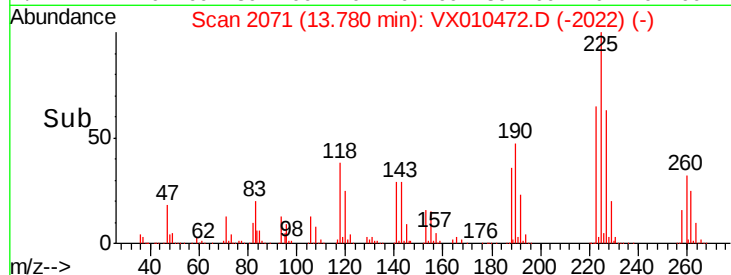
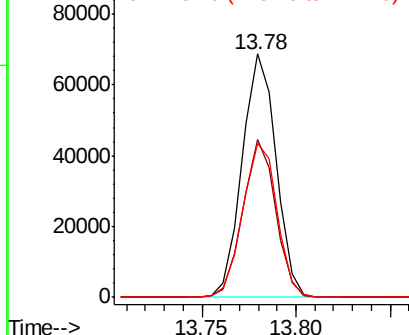
225 100

223 62.6 30.9 92.7

227 64.0 31.9 95.5



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: 48.559 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010472.D

Acq: 26 Jun 2019 18:53

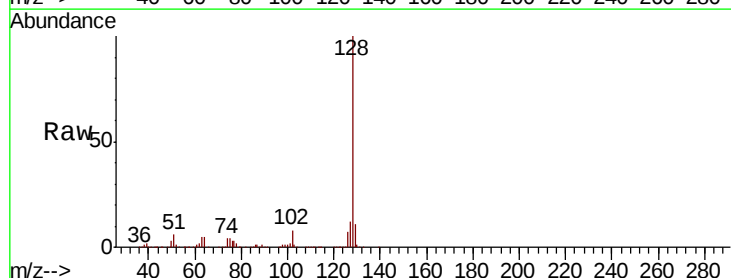
Tgt Ion:128 Resp: 595266

Ion Ratio Lower Upper

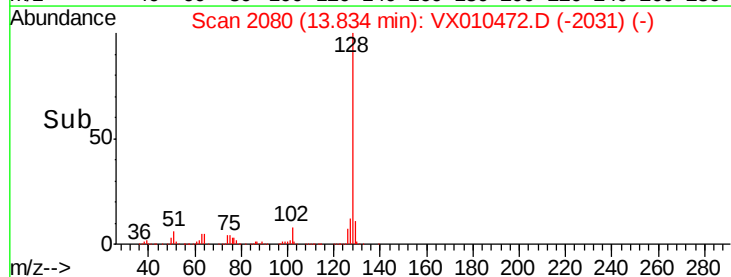
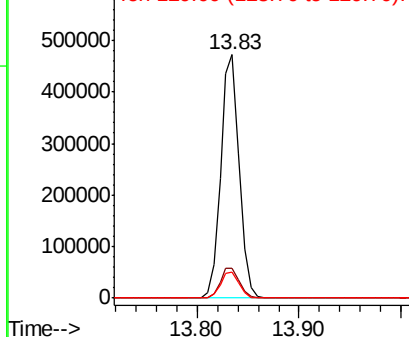
128 100

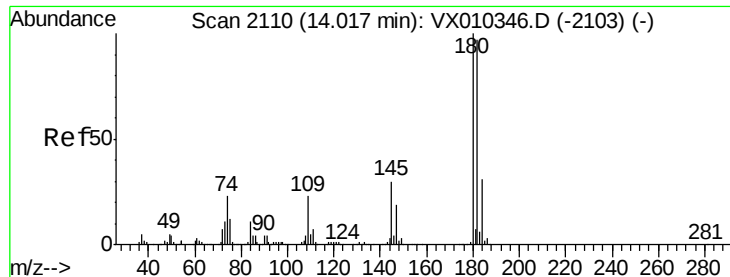
127 12.9 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.708 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010472.D
 Acq: 26 Jun 2019 18:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.0	15.2	45.6

