

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010527.D
 Acq On : 28 Jun 2019 11:25
 Operator : JC/SP
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Quant Time: Jun 29 04:35:51 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	5.66	168	267071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	180406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122188	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	119829	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.71	98	453656	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	161815	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31716	17.081	ug/l	99
3) Chloromethane	1.33	50	35719	16.521	ug/l	99
4) Vinyl Chloride	1.41	62	38984	16.462	ug/l	98
5) Bromomethane	1.64	94	25477	22.083	ug/l	97
6) Chloroethane	1.72	64	24293	17.388	ug/l	96
7) Trichlorofluoromethane	1.93	101	70156	18.688	ug/l	99
8) Diethyl Ether	2.18	74	25202	18.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41945	18.438	ug/l	100
10) Methyl Iodide	2.51	142	54867	16.899	ug/l	99
11) Tert butyl alcohol	3.04	59	57887	88.346	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40562	17.522	ug/l	95
13) Acrolein	2.29	56	34274	78.852	ug/l	99
14) Allyl chloride	2.73	41	56733	17.262	ug/l	99
15) Acrylonitrile	3.14	53	116070	89.472	ug/l	100
16) Acetone	2.44	43	114393	91.153	ug/l	99
17) Carbon Disulfide	2.57	76	92226	14.850	ug/l	99
18) Methyl Acetate	2.77	43	43957	17.574	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	132880	18.246	ug/l	100
20) Methylene Chloride	2.85	84	46269	17.915	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	43839	17.608	ug/l	93
22) Diisopropyl ether	3.85	45	124376	18.101	ug/l	95
23) Vinyl Acetate	3.81	43	535879	90.275	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70731	17.808	ug/l	98
25) 2-Butanone	4.67	43	162402	88.221	ug/l	100
26) 2,2-Dichloropropane	4.58	77	61692	17.880	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52257	18.163	ug/l	98
28) Bromochloromethane	5.01	49	34206	18.012	ug/l	97
29) Tetrahydrofuran	5.13	42	98979	86.805	ug/l	99
30) Chloroform	5.21	83	77332	18.096	ug/l	99
31) Cyclohexane	5.57	56	65060	17.987	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	68209	18.076	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56033	18.608	ug/l	99
37) Ethyl Acetate	4.83	43	58217	18.792	ug/l	99
38) Carbon Tetrachloride	5.78	117	59638	18.289	ug/l	98

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 Data File : VX010527.D
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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0628WBS01

Quant Time: Jun 29 04:35:51 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	72898	18.417	ug/l	98
40) Benzene	6.14	78	176638	18.828	ug/l	96
41) Methacrylonitrile	5.04	41	31568	18.572	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56055	19.629	ug/l	98
43) Isopropyl Acetate	6.44	43	94855	18.507	ug/l	99
44) Trichloroethene	7.21	130	54372	19.369	ug/l	97
45) 1,2-Dichloropropane	7.51	63	44055	18.595	ug/l	99
46) Dibromomethane	7.66	93	31643	18.616	ug/l	98
47) Bromodichloromethane	7.90	83	56539	18.150	ug/l	100
48) Methyl methacrylate	7.77	41	44305	18.597	ug/l	100
49) 1,4-Dioxane	7.74	88	27055	394.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	309559	94.434	ug/l	99
52) Toluene	8.78	92	117401	19.003	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	61489	17.606	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	68825	18.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	49038	19.246	ug/l	97
56) Ethyl methacrylate	9.18	69	71702	18.576	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74752	18.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	170147	92.816	ug/l	99
59) 2-Hexanone	9.49	43	245314	95.086	ug/l	100
60) Dibromochloromethane	9.58	129	50656	17.756	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51668	18.787	ug/l	99
64) Tetrachloroethene	9.34	164	55397	19.659	ug/l	96
65) Chlorobenzene	10.13	112	133943	18.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	48108	18.672	ug/l	100
67) Ethyl Benzene	10.25	91	226290	18.950	ug/l	99
68) m/p-Xylenes	10.36	106	179197	38.729	ug/l	98
69) o-Xylene	10.69	106	86666	19.047	ug/l	100
70) Styrene	10.71	104	146476	19.196	ug/l	99
71) Bromoform	10.85	173	38544	17.203	ug/l #	100
73) Isopropylbenzene	11.02	105	231233	18.908	ug/l	100
74) N-amyl acetate	10.90	43	84680	18.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74332	18.353	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78761	23.958	ug/l	81
77) Bromobenzene	11.25	156	63655	18.641	ug/l	99
78) n-propylbenzene	11.36	91	256336	19.072	ug/l	100
79) 2-Chlorotoluene	11.42	91	149758	18.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194442	19.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20956	14.871	ug/l	91
82) 4-Chlorotoluene	11.51	91	171869	18.872	ug/l	98
83) tert-Butylbenzene	11.77	119	191259	18.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	194165	19.169	ug/l	99
85) sec-Butylbenzene	11.94	105	229708	19.334	ug/l	100
86) p-Isopropyltoluene	12.06	119	213863	19.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113874	19.104	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	115693	19.065	ug/l	100
89) n-Butylbenzene	12.38	91	180208	19.298	ug/l	99
90) Hexachloroethane	12.59	117	31458	16.555	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	113324	19.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14471	16.572	ug/l	97

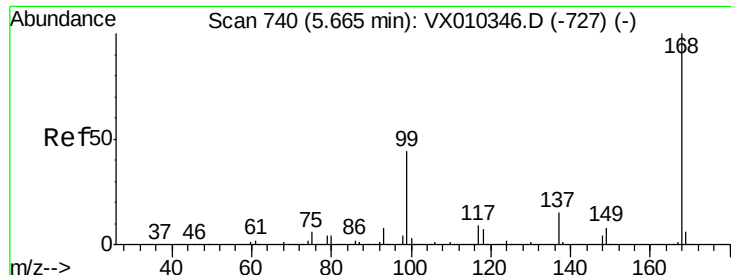
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010527.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Quant Time: Jun 29 04:35:51 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	81865	19.927	ug/l	99
94) Hexachlorobutadiene	13.78	225	41971	20.903	ug/l	99
95) Naphthalene	13.83	128	241012	19.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82239	20.133	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

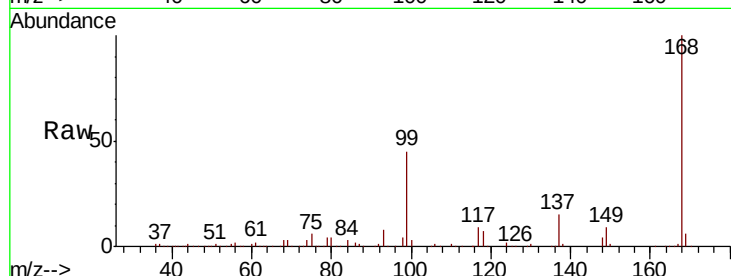
VX0628WBS01

Tot Ion:168 Resp: 267071

Ion Ratio Lower Upper

168 100

99 44.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

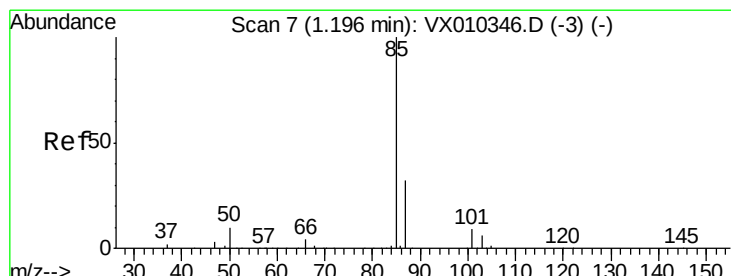
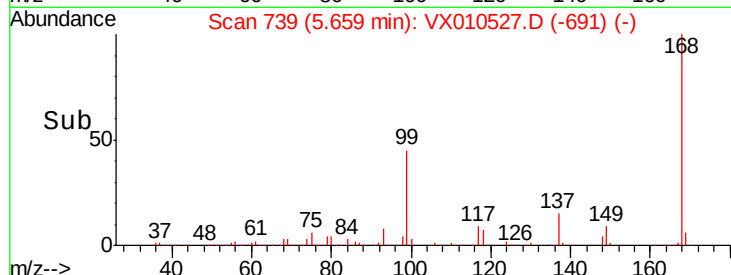
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.081 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010527.D

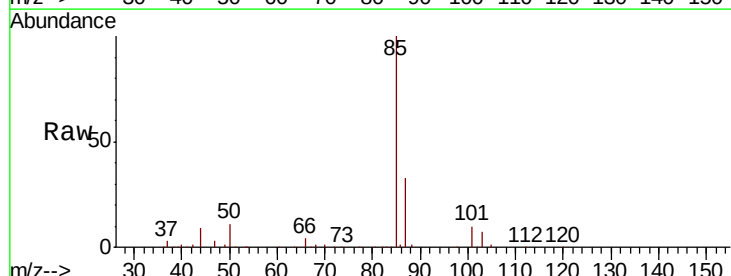
Acq: 28 Jun 2019 11:25

Tgt Ion: 85 Resp: 31716

Ion Ratio Lower Upper

85 100

87 33.1 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

30000

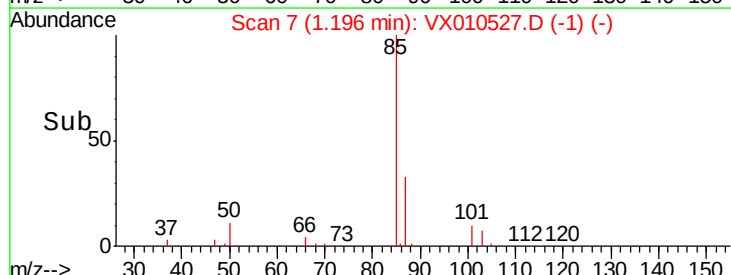
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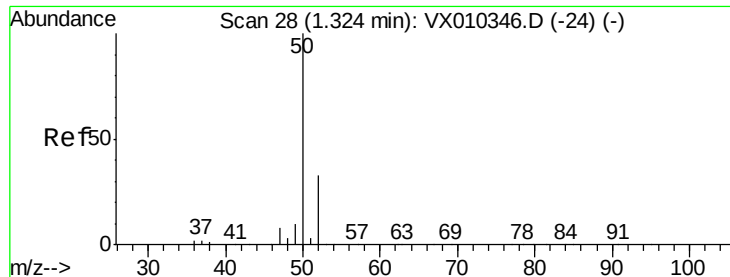
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.521 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

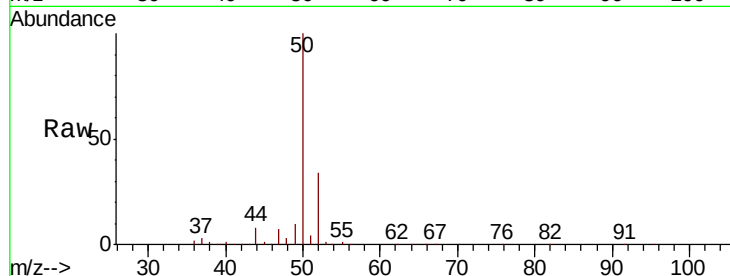
VX0628WBS01

Tot Ion: 50 Resp: 35719

Ion Ratio Lower Upper

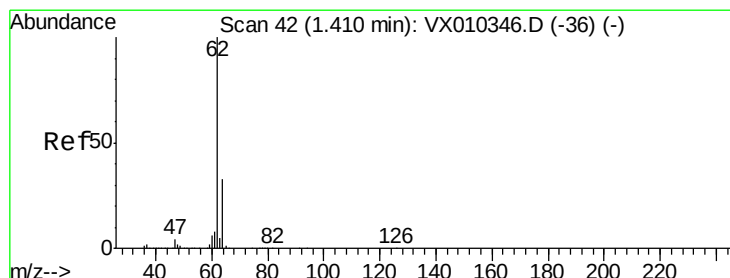
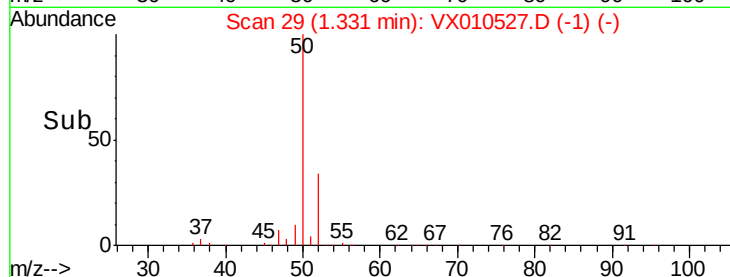
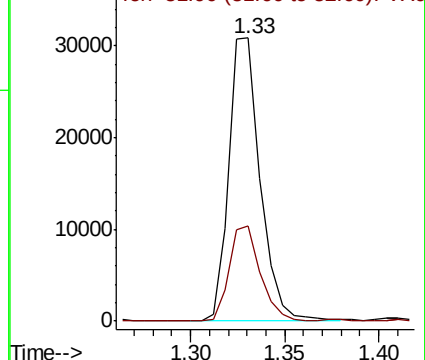
50 100

52 33.6 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: 16.462 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010527.D

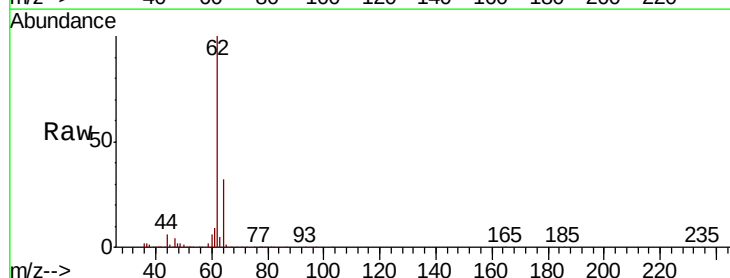
Acq: 28 Jun 2019 11:25

Tgt Ion: 62 Resp: 38984

Ion Ratio Lower Upper

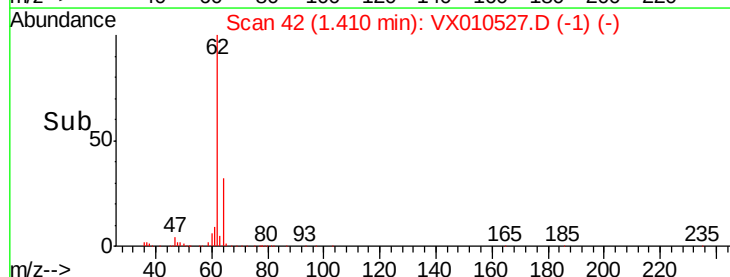
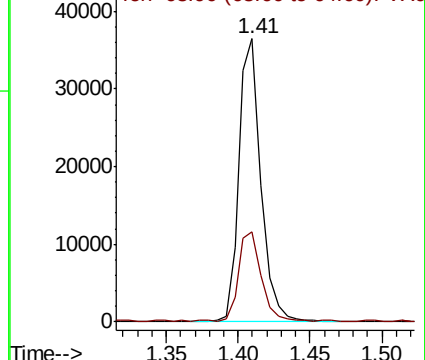
62 100

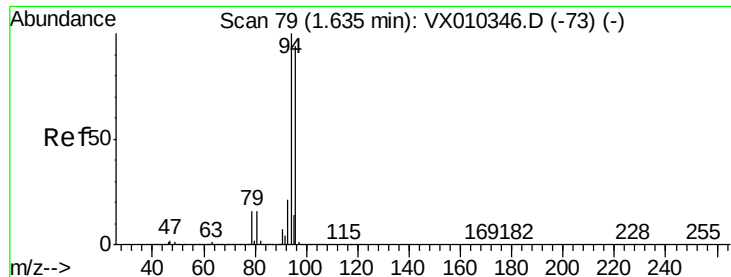
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.083 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

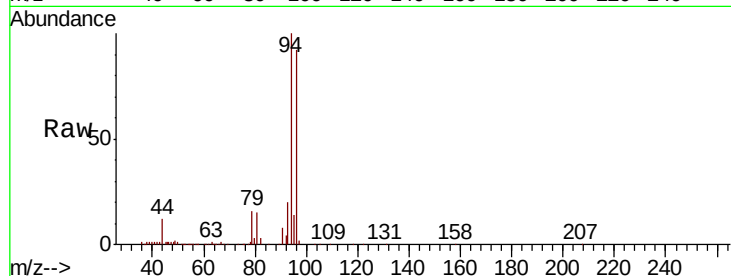
VX0628WBS01

Tot Ion: 94 Resp: 25477

Ion Ratio Lower Upper

94 100

96 91.5 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

25000

20000

15000

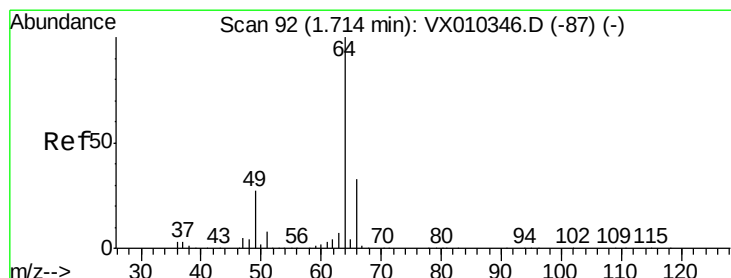
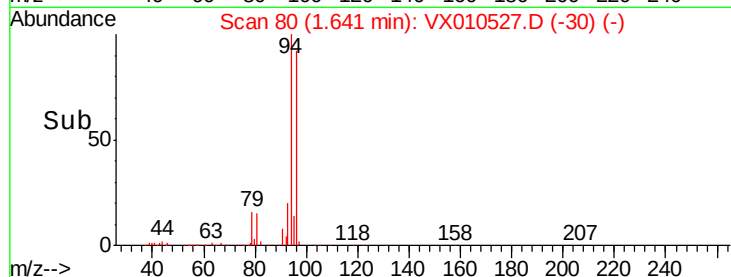
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 17.388 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010527.D

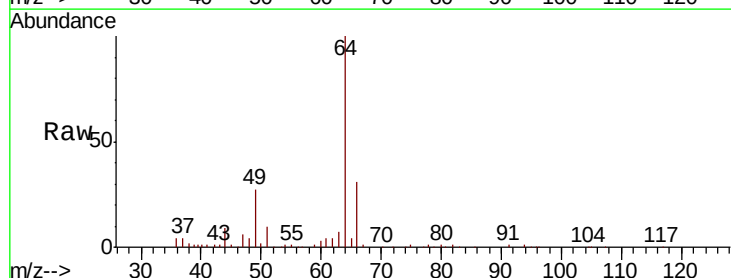
Acq: 28 Jun 2019 11:25

Tgt Ion: 64 Resp: 24293

Ion Ratio Lower Upper

64 100

66 30.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

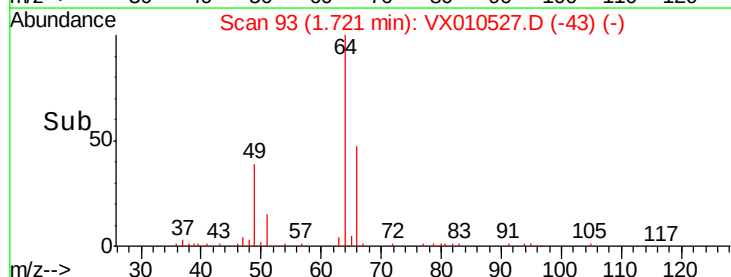
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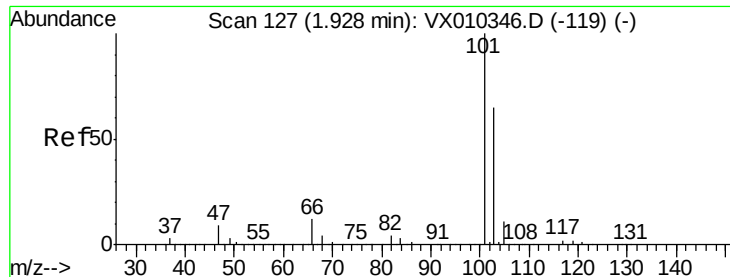
5000

0

Time-->

1.65 1.70 1.75 1.80



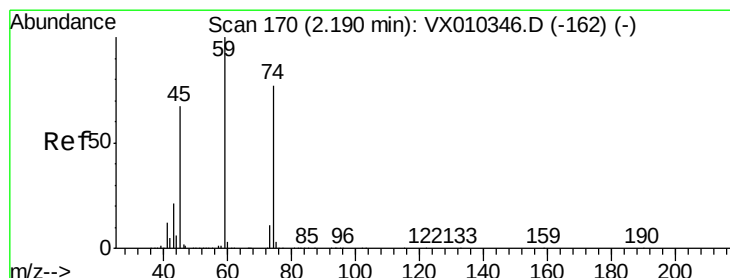
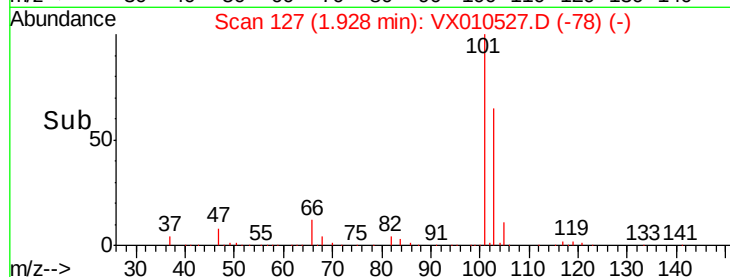
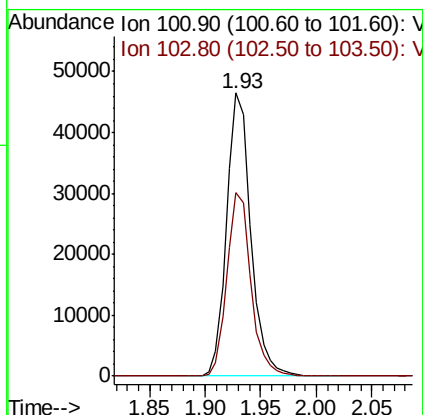
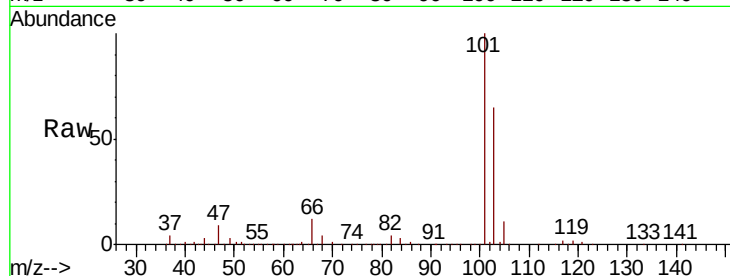


#7

Trichlorofluoromethane
Concen: 18.688 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

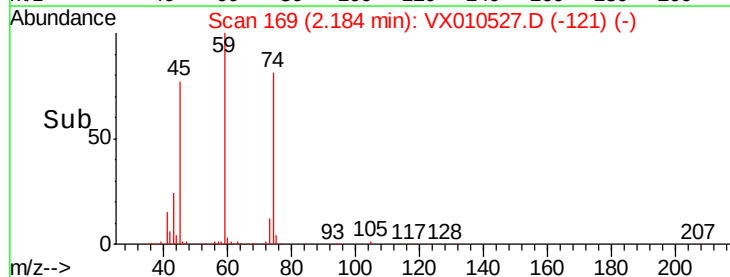
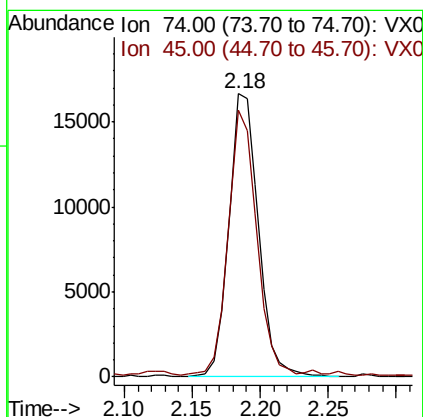
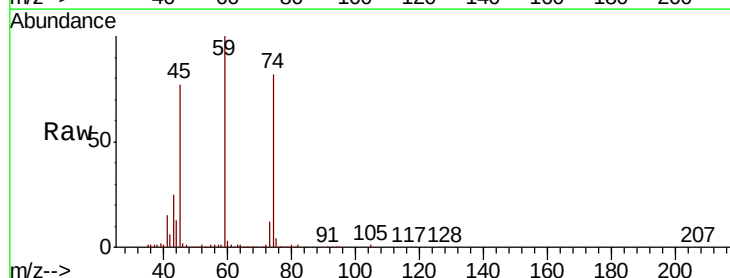
Tot Ion:101 Resp: 70156
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

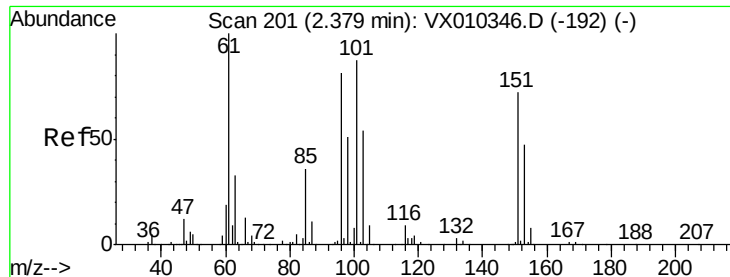


#8

Diethyl Ether
Concen: 18.720 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 74 Resp: 25202
Ion Ratio Lower Upper
74 100
45 89.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.438 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

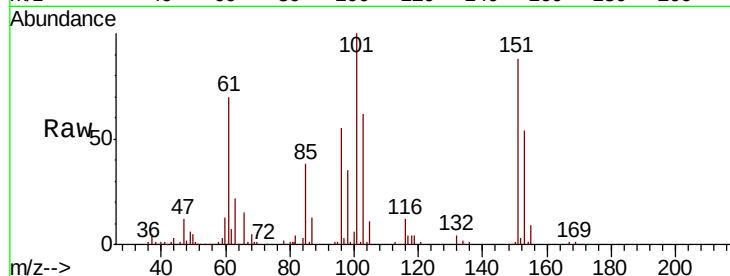
Tot Ion:101 Resp: 41945

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

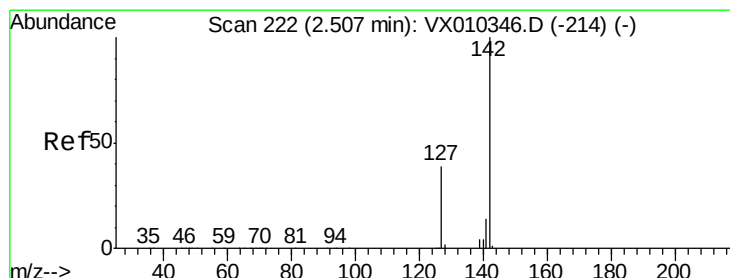
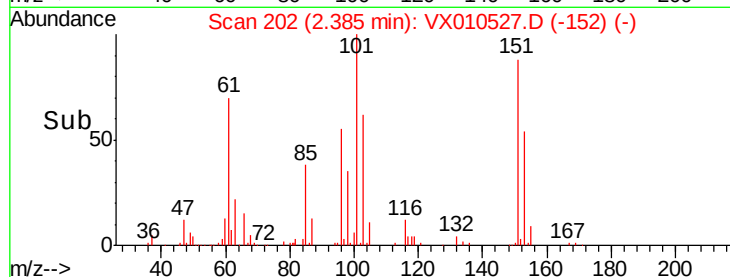
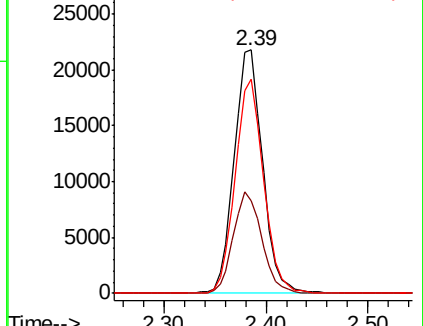
151 87.9 70.1 105.1



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: 16.899 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

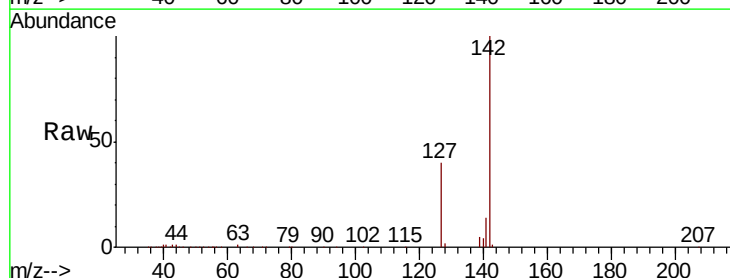
Tgt Ion:142 Resp: 54867

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

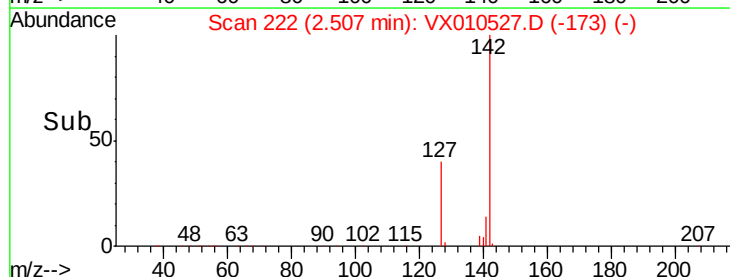
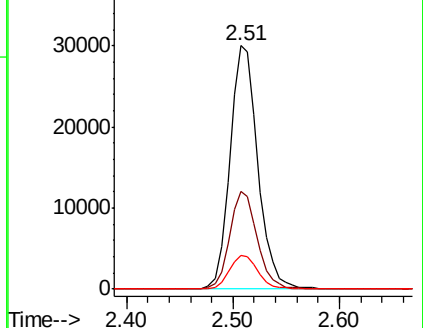
141 14.1 11.2 16.8

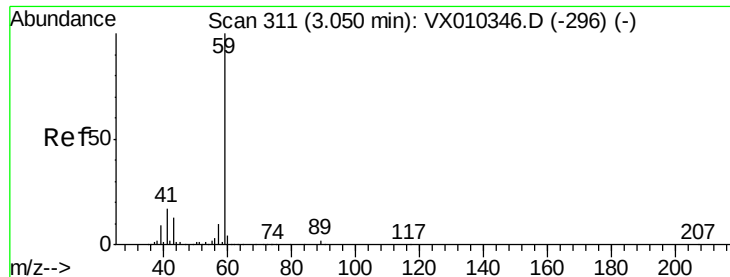


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



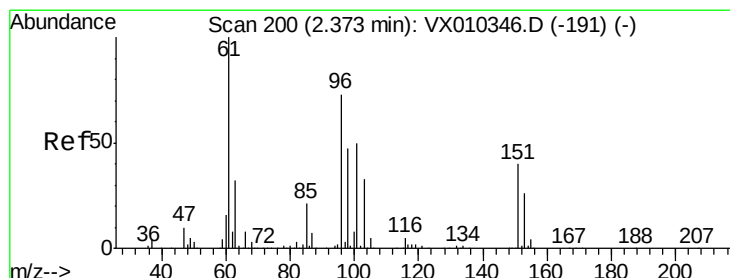
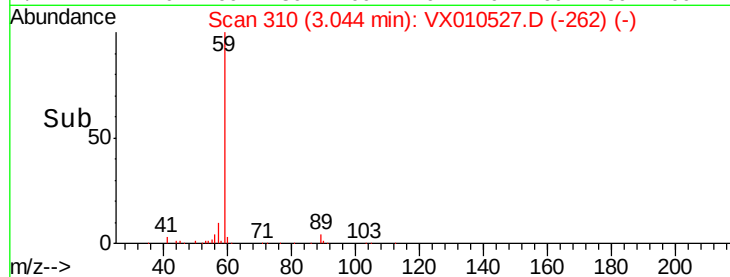
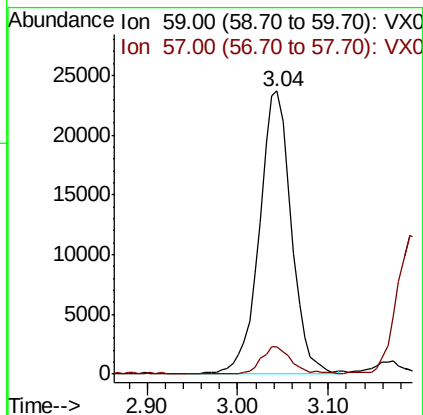
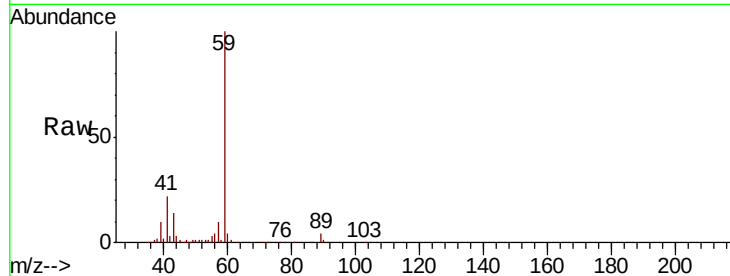


#11

Tert butyl alcohol
 Concen: 88.346 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

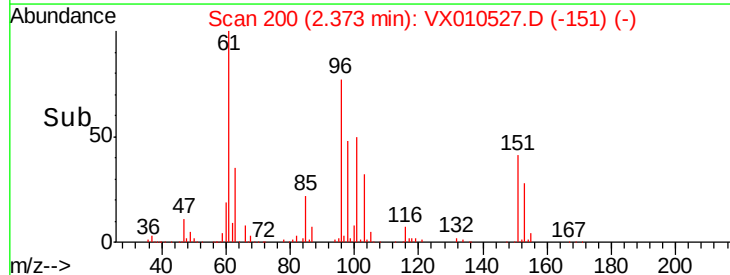
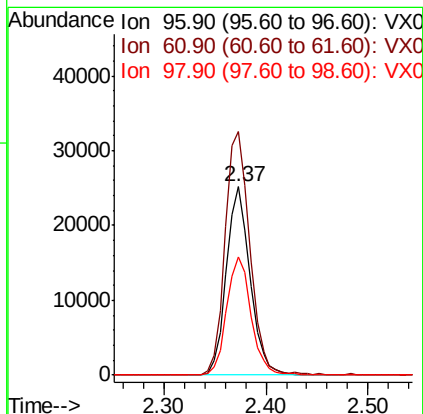
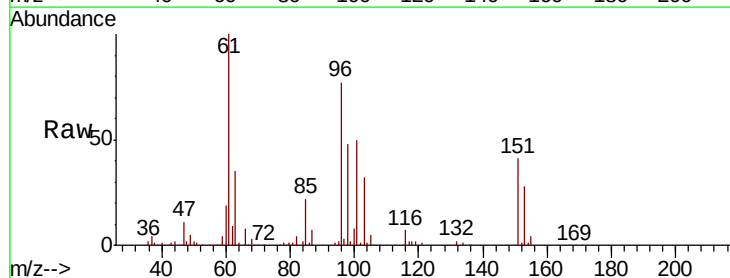
Tot Ion: 59 Resp: 57887
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.7 11.5

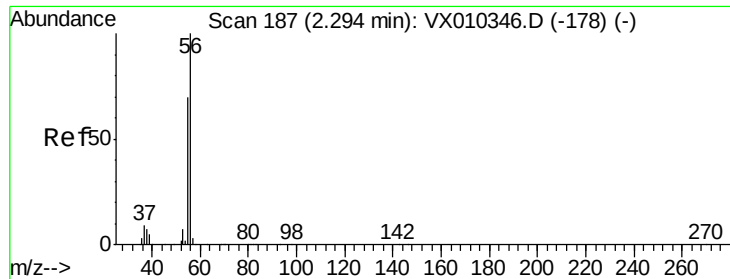


#12

1,1-Dichloroethene
 Concen: 17.522 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 96 Resp: 40562
 Ion Ratio Lower Upper
 96 100
 61 129.2 109.2 163.8
 98 62.4 51.1 76.7





#13

Acrolein

Concen: 78.852 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

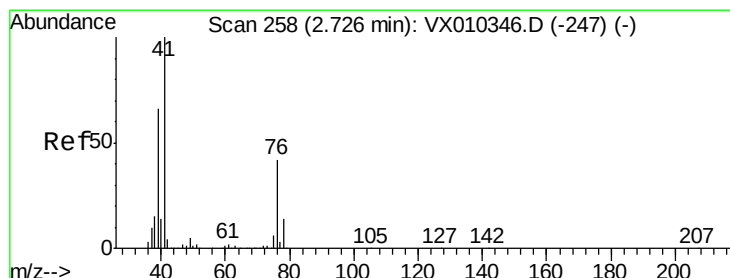
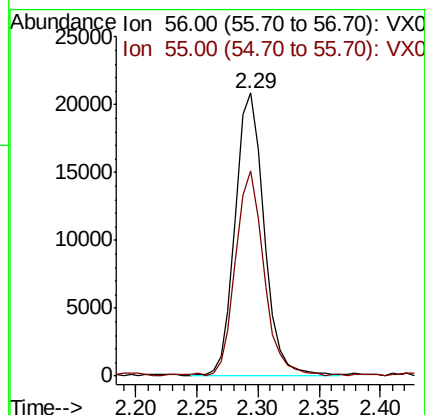
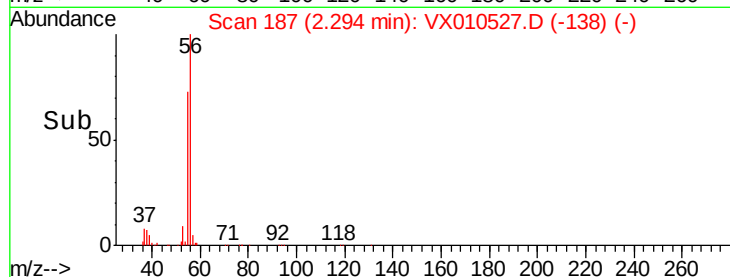
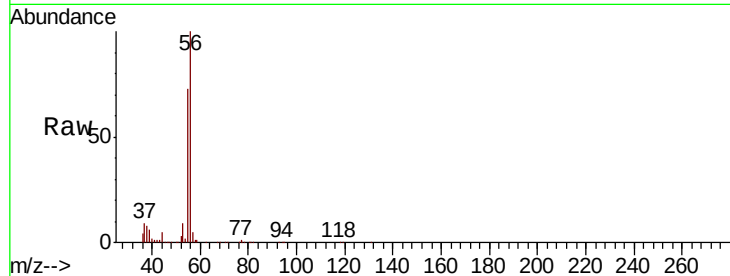
VX0628WBS01

Tot Ion: 56 Resp: 34274

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 17.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

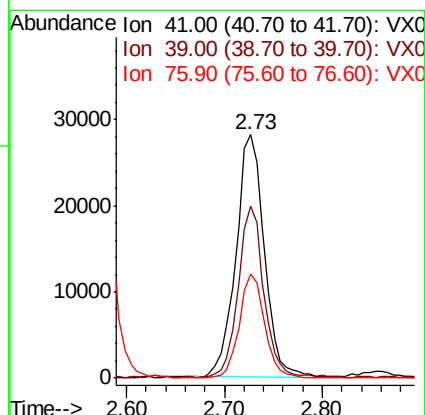
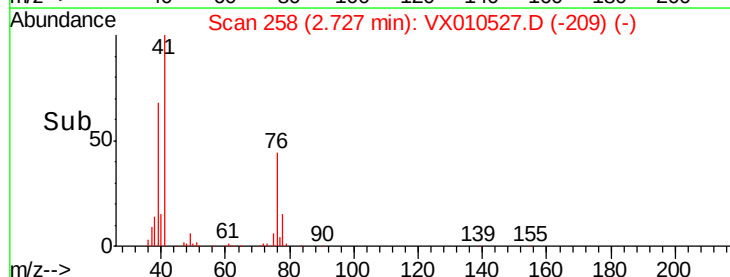
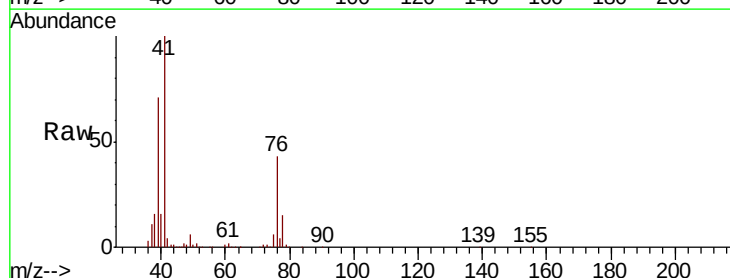
Tgt Ion: 41 Resp: 56733

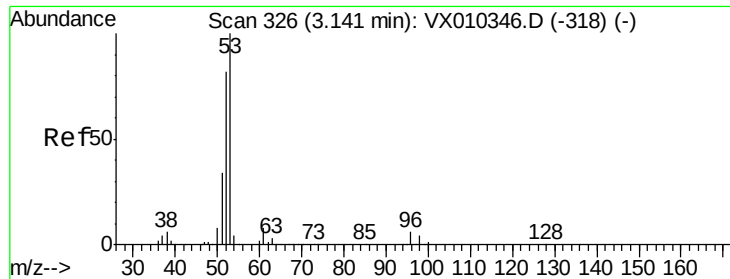
Ion Ratio Lower Upper

41 100

39 63.9 50.3 75.5

76 38.5 31.3 46.9





#15

Acrylonitrile

Concen: 89.472 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

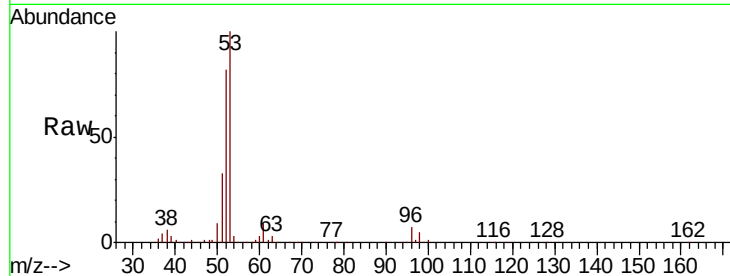
Tot Ion: 53 Resp: 116070

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

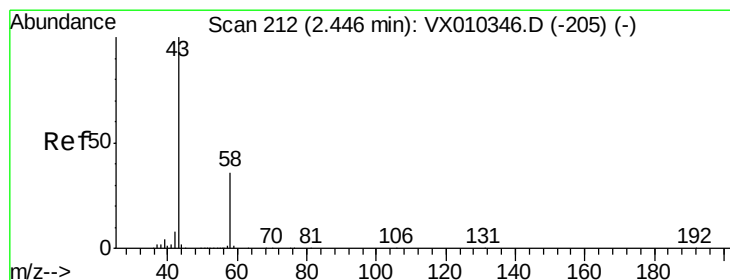
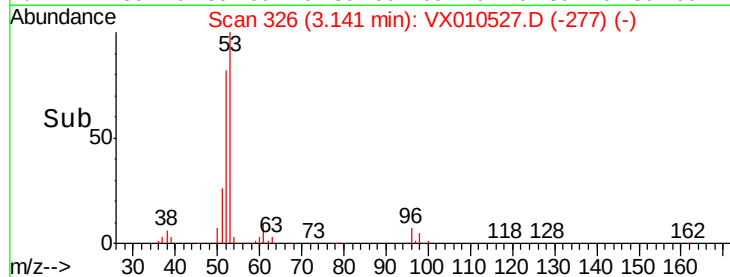
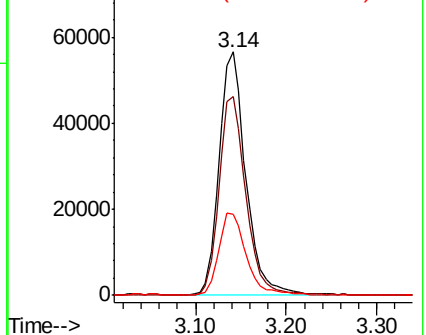
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.153 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010527.D

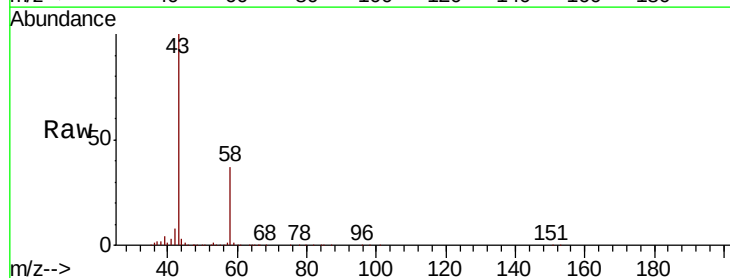
Acq: 28 Jun 2019 11:25

Tgt Ion: 43 Resp: 114393

Ion Ratio Lower Upper

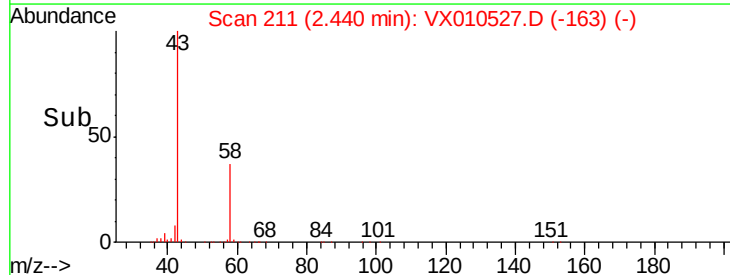
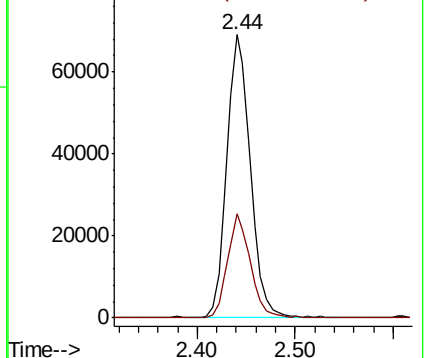
43 100

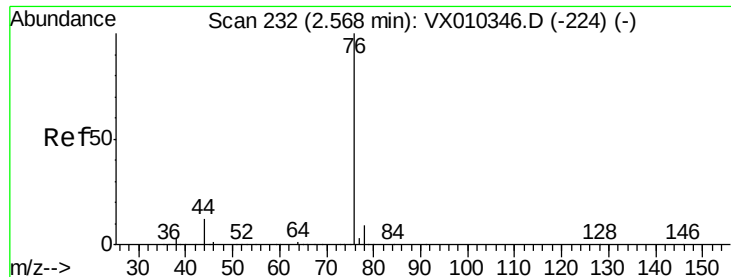
58 36.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.850 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

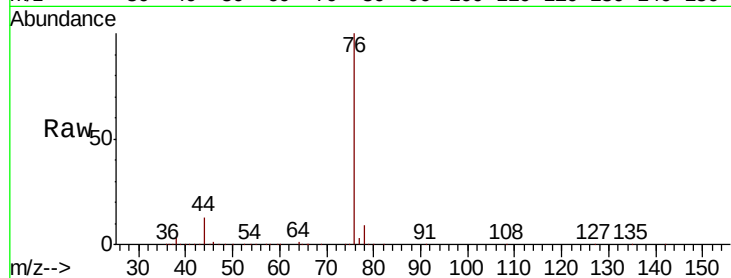
VX0628WBS01

Tot Ion: 76 Resp: 92226

Ion Ratio Lower Upper

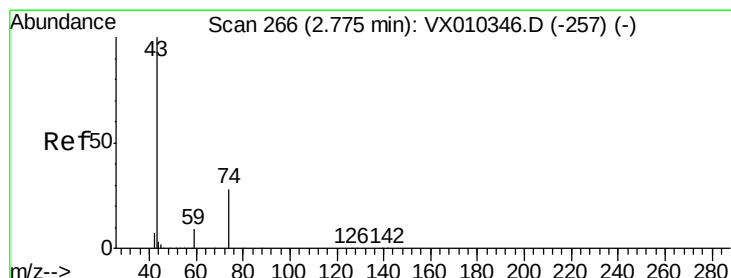
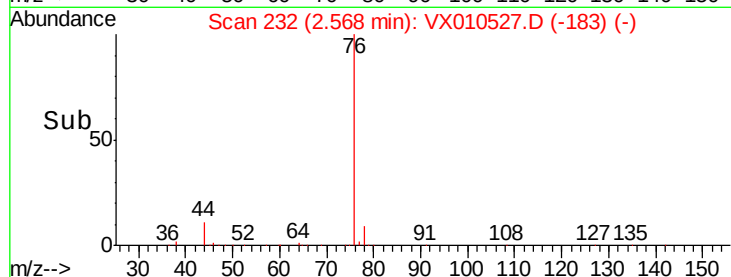
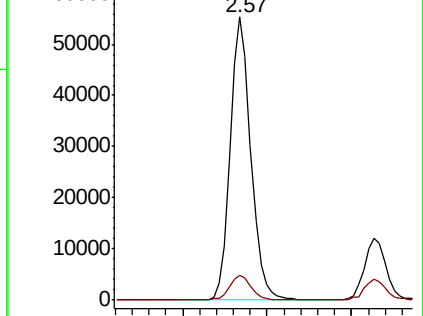
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.574 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010527.D

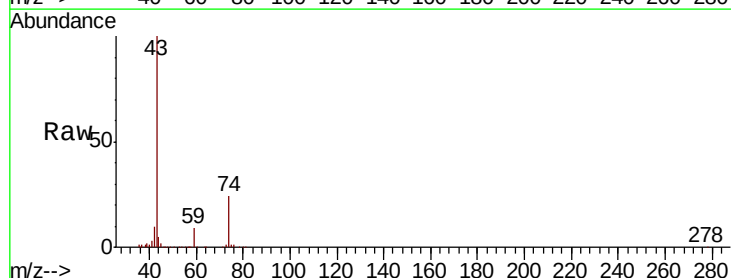
Acq: 28 Jun 2019 11:25

Tgt Ion: 43 Resp: 43957

Ion Ratio Lower Upper

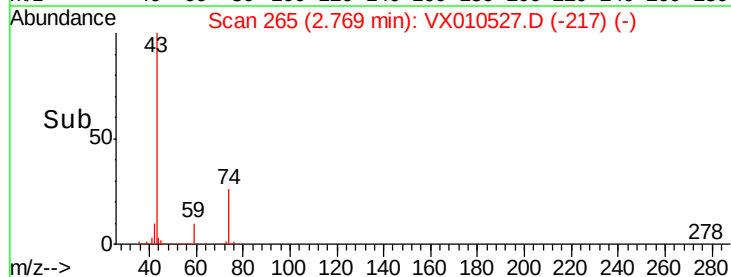
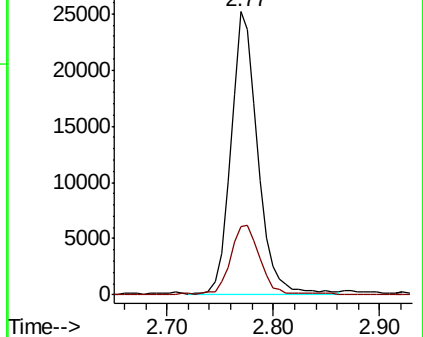
43 100

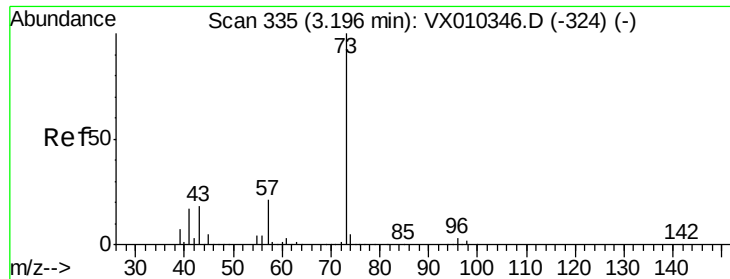
74 28.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



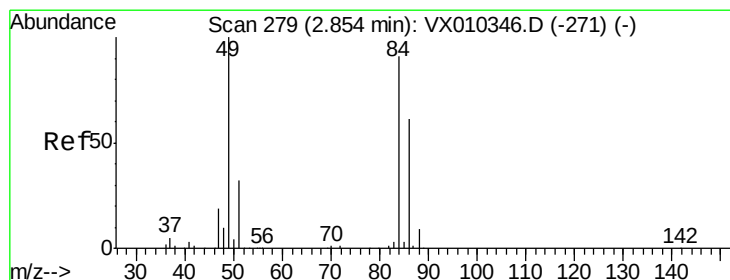
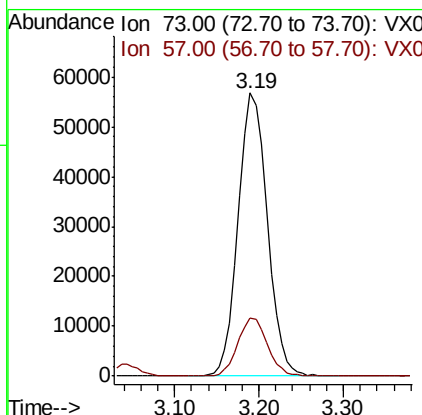
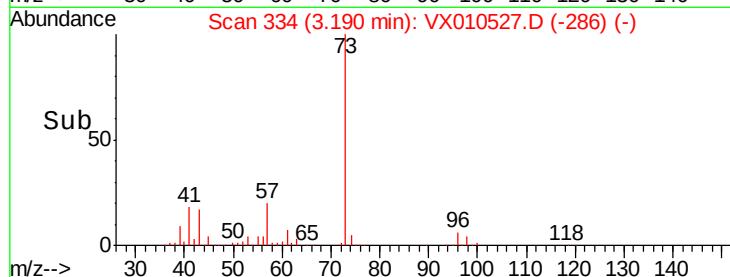
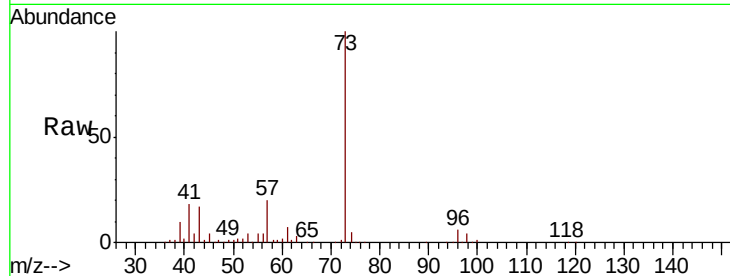


#19

Methyl tert-butyl Ether
 Concen: 18.246 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

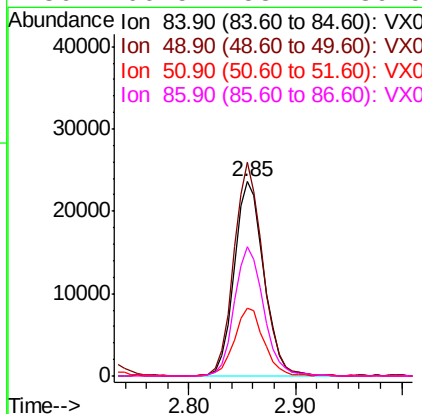
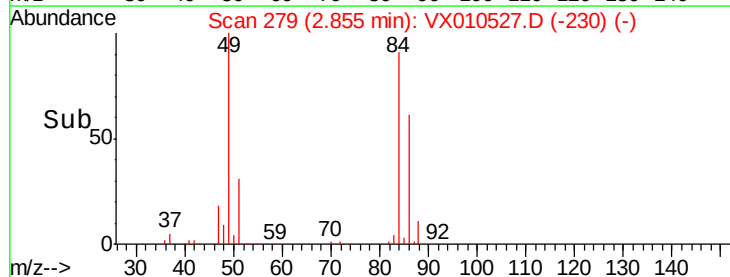
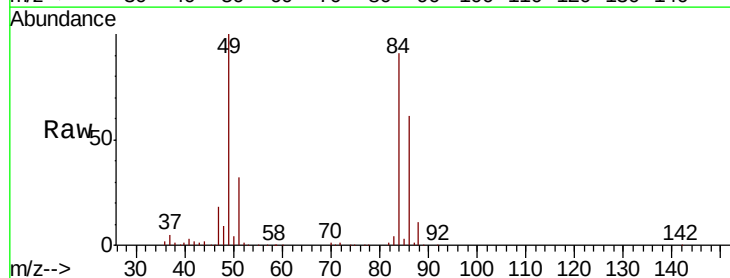
Tot Ion: 73 Resp: 132880
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.4 24.6

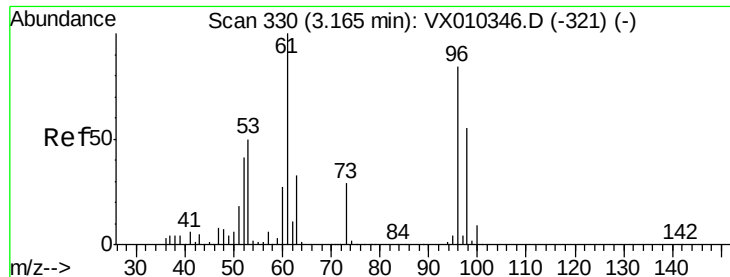


#20

Methylene Chloride
 Concen: 17.915 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 84 Resp: 46269
 Ion Ratio Lower Upper
 84 100
 49 109.6 87.5 131.3
 51 34.7 27.7 41.5
 86 66.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 17.608 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

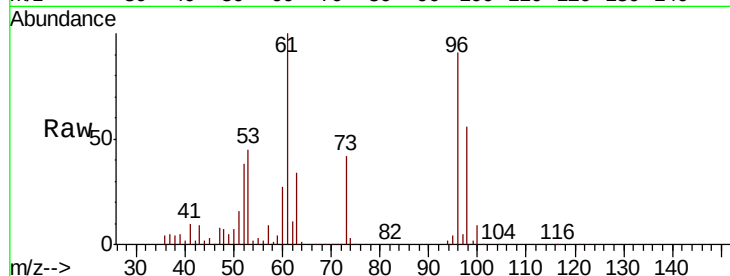
Tot Ion: 96 Resp: 43839

Ion Ratio Lower Upper

96 100

61 109.8 95.6 143.4

98 61.6 52.5 78.7

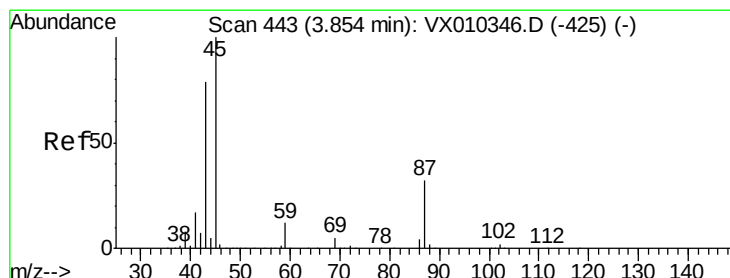
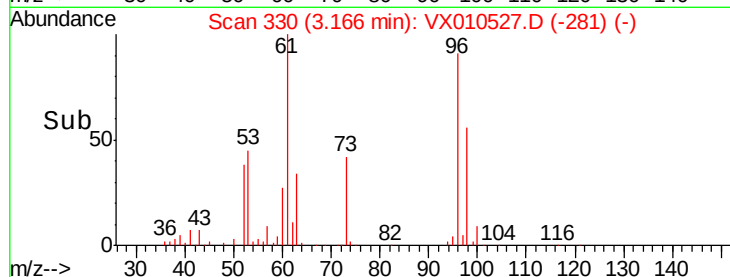
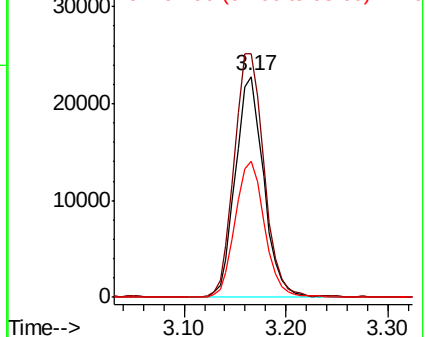


Abundance

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: 18.101 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Tgt Ion: 45 Resp: 124376

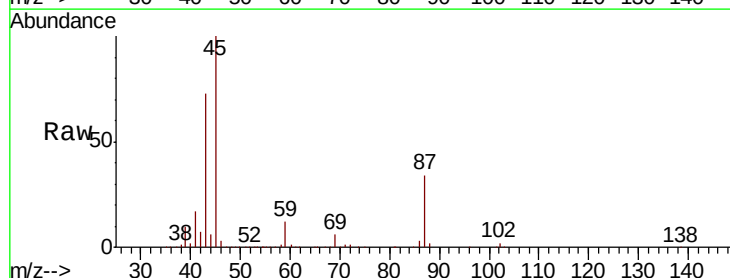
Ion Ratio Lower Upper

45 100

43 73.2 63.3 94.9

87 34.3 25.8 38.8

59 12.3 9.6 14.4



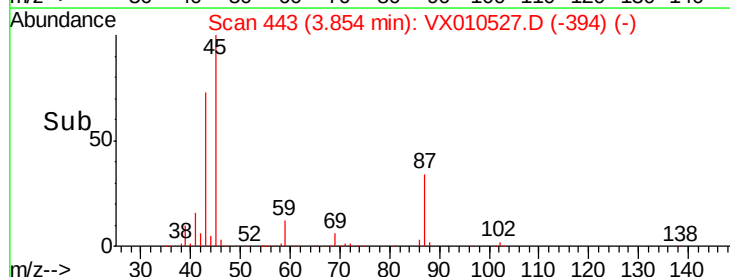
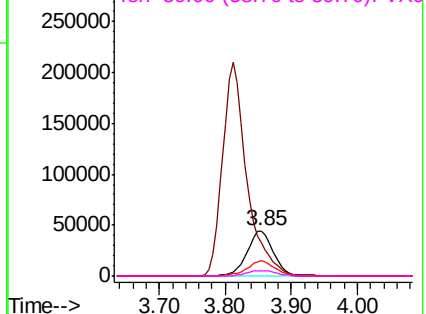
Abundance

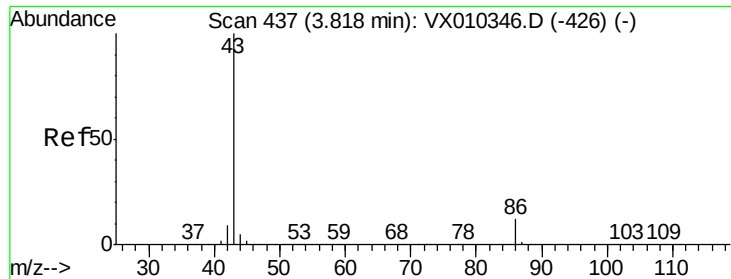
Ion 45.00 (44.70 to 45.70): VX0

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: 90.275 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

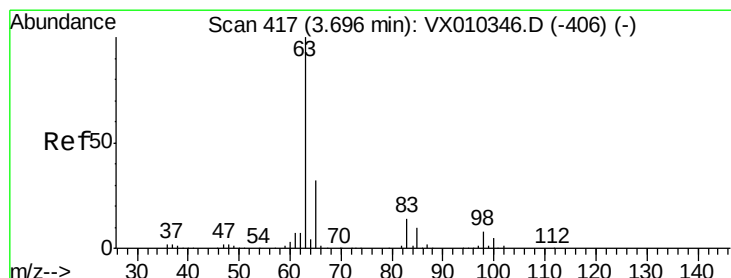
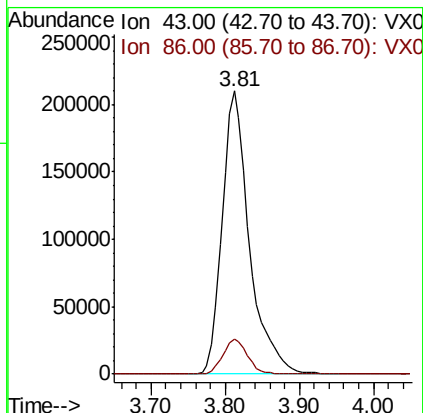
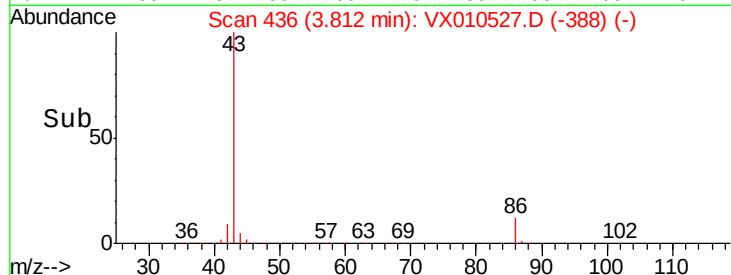
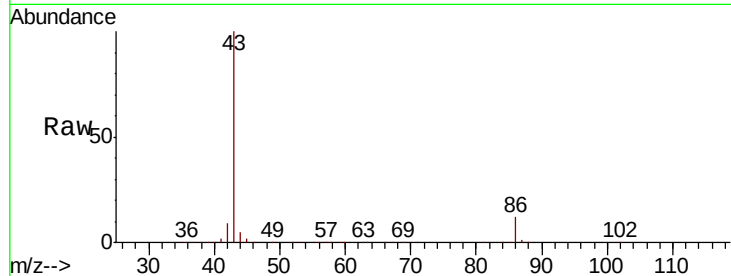
VX0628WBS01

Tot Ion: 43 Resp: 535879

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



#24

1,1-Dichloroethane

Concen: 17.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

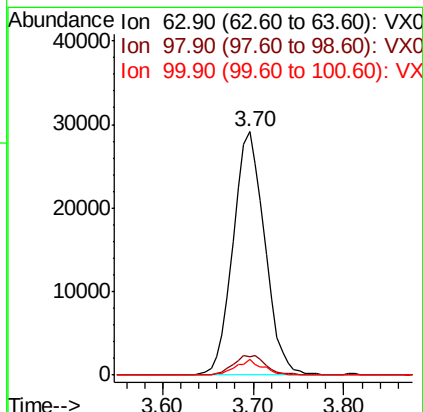
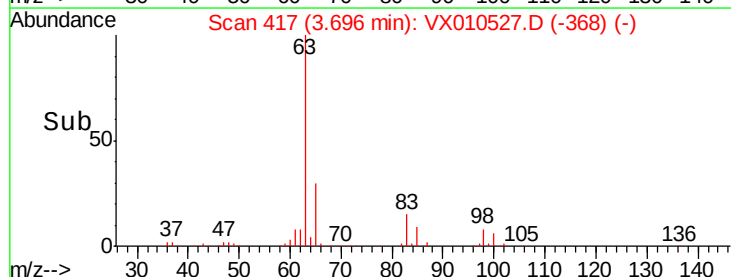
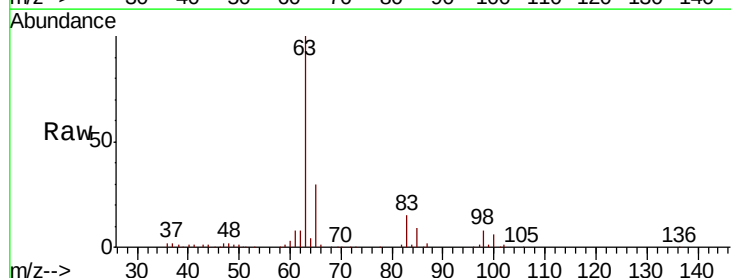
Tgt Ion: 63 Resp: 70731

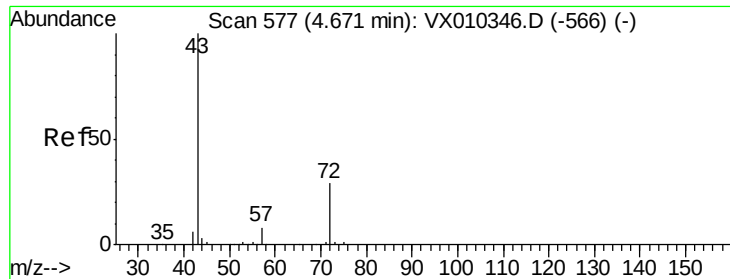
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 6.2 2.4 7.1





#25

2-Butanone

Concen: 88.221 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

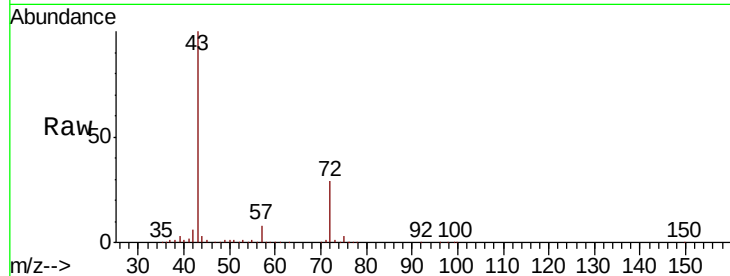
VX0628WBS01

Tot Ion: 43 Resp: 162402

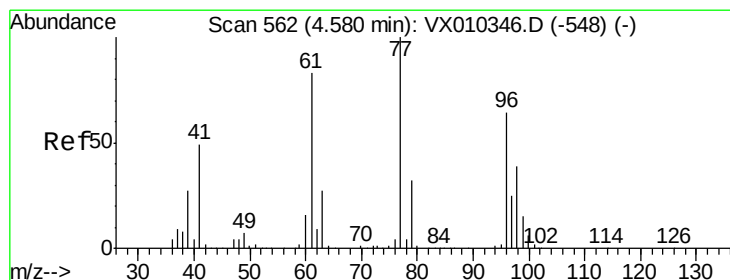
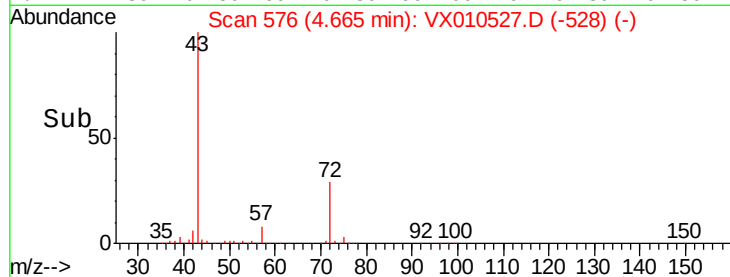
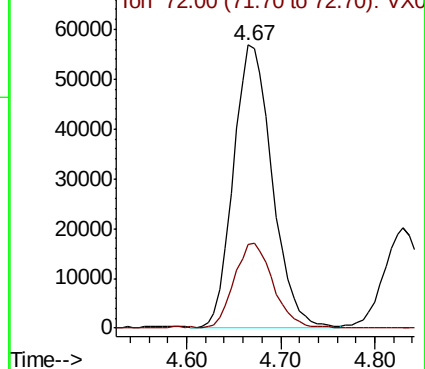
Ion Ratio Lower Upper

43 100

72 29.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 17.880 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010527.D

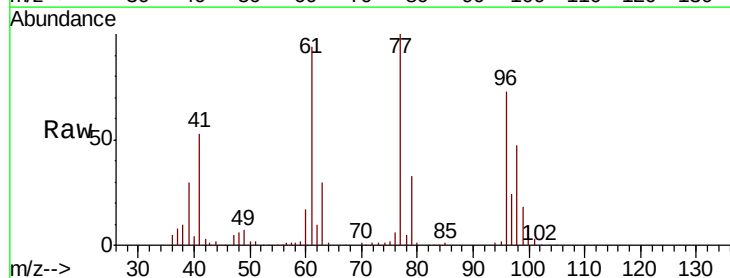
Acq: 28 Jun 2019 11:25

Tgt Ion: 77 Resp: 61692

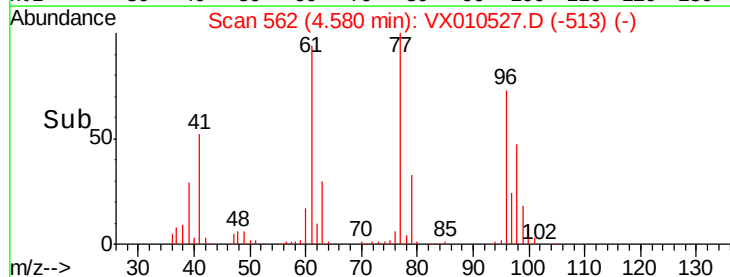
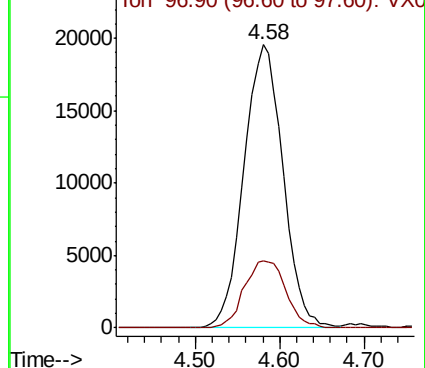
Ion Ratio Lower Upper

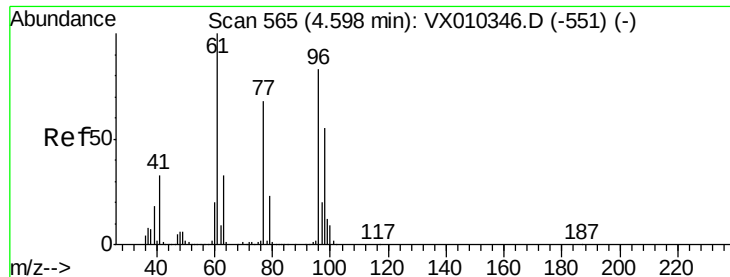
77 100

97 25.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0



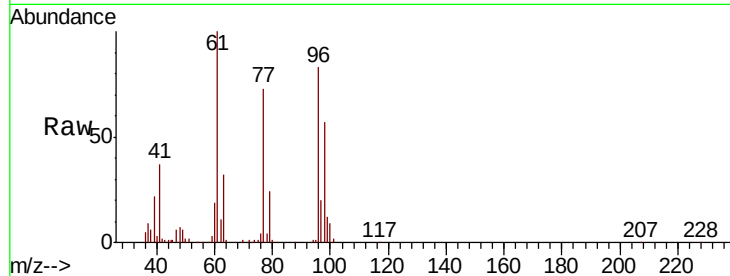


#27

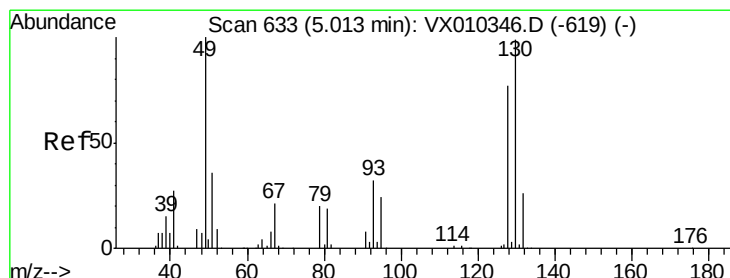
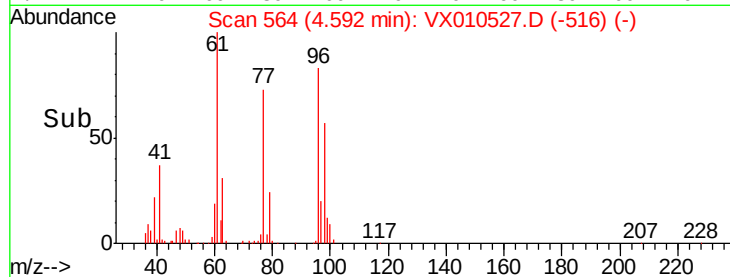
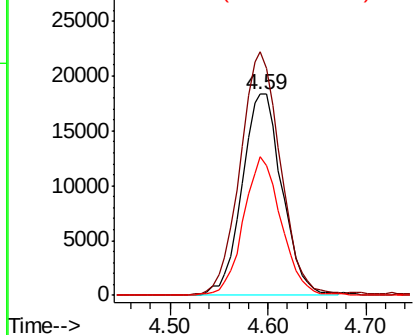
cis-1,2-Dichloroethene
Concen: 18.163 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tot Ion: 96 Resp: 52257
Ion Ratio Lower Upper
96 100
61 121.9 0.0 251.8
98 65.1 0.0 129.4



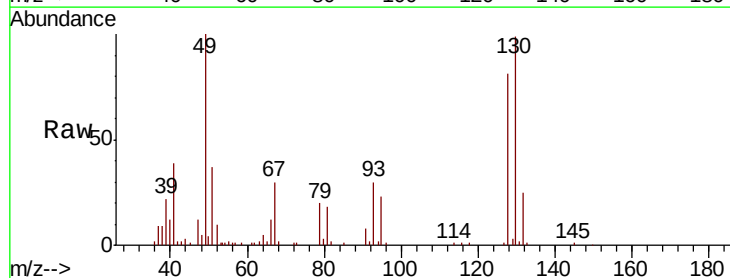
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



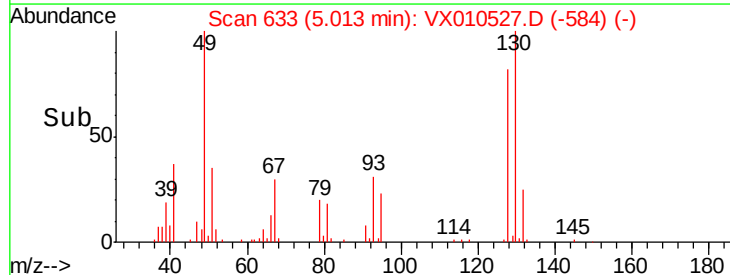
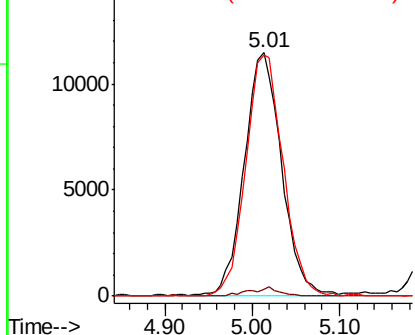
#28

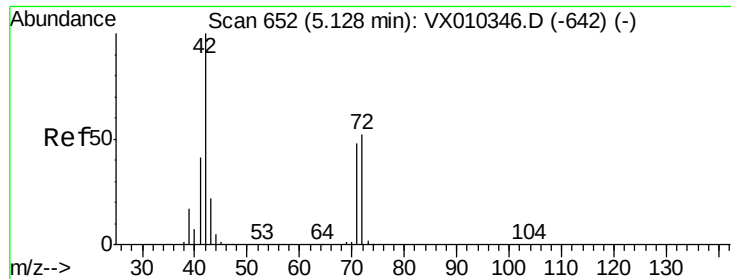
Bromochloromethane
Concen: 18.012 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 49 Resp: 34206
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 98.6 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: 86.805 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

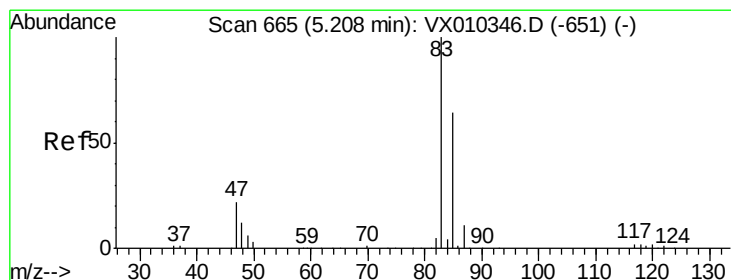
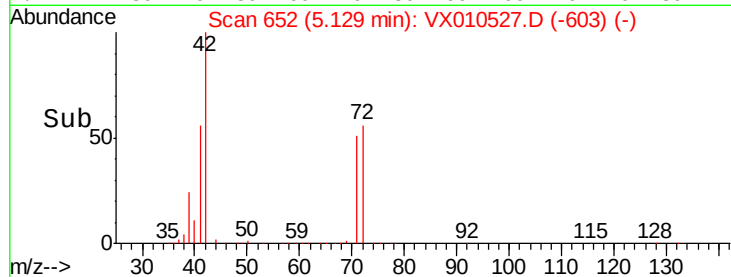
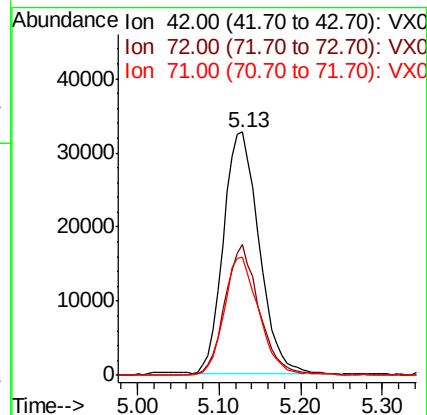
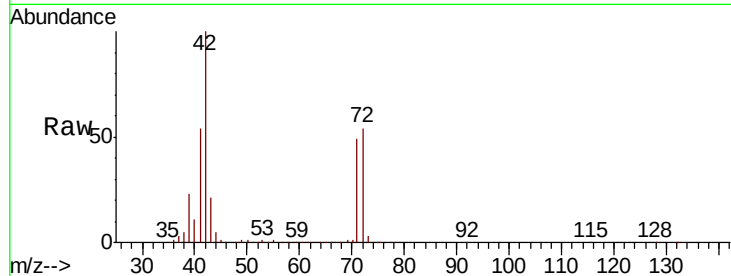
Tot Ion: 42 Resp: 98979

Ion Ratio Lower Upper

42 100

72 51.7 40.6 60.8

71 48.3 37.8 56.8



#30

Chloroform

Concen: 18.096 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010527.D

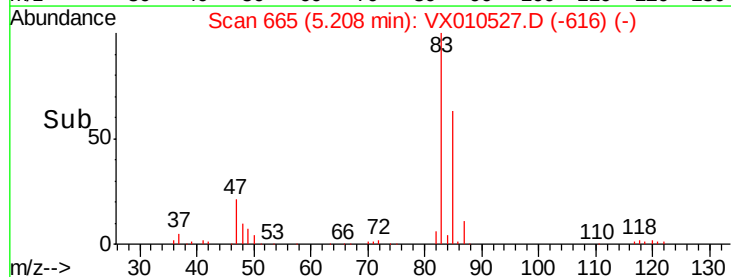
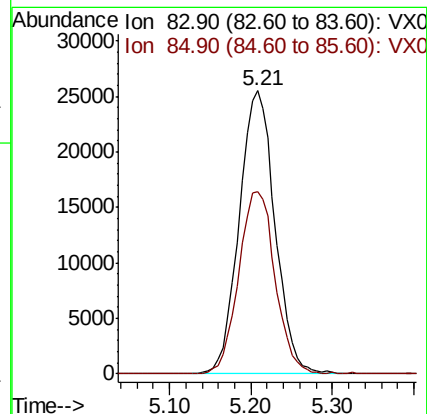
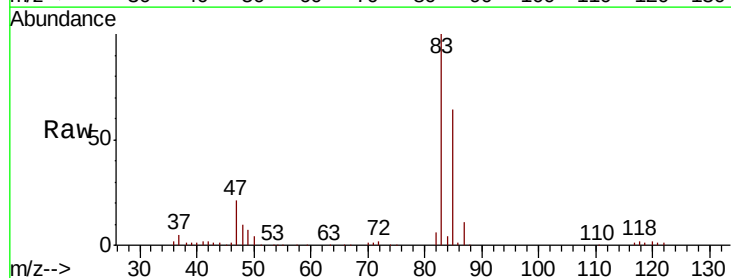
Acq: 28 Jun 2019 11:25

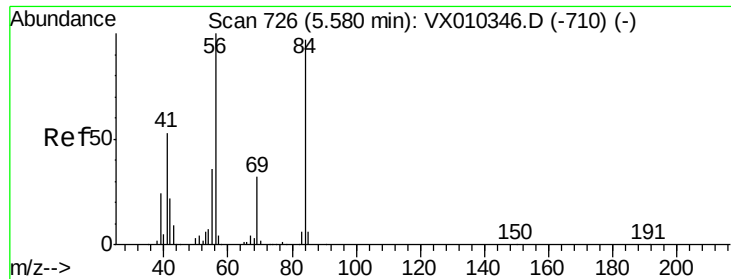
Tgt Ion: 83 Resp: 77332

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3

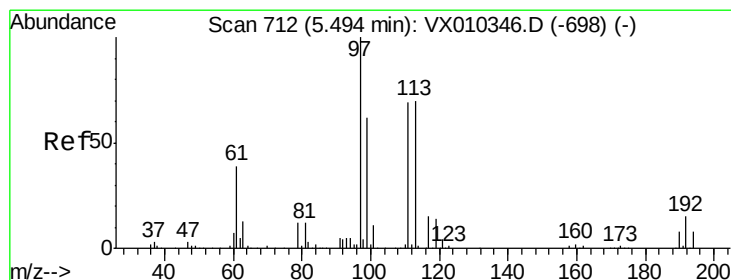
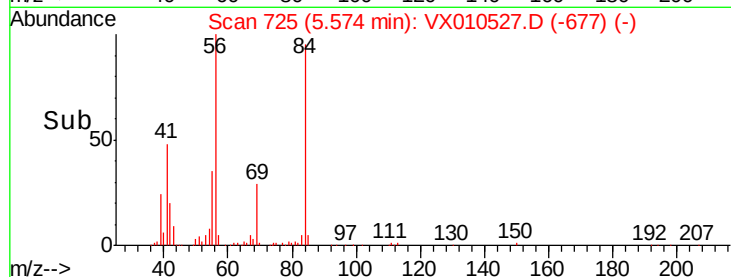
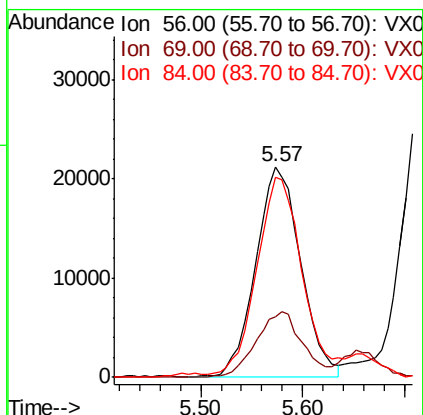
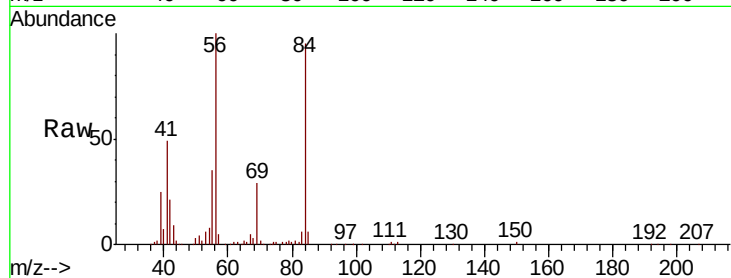




#31
Cyclohexane
Concen: 17.987 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

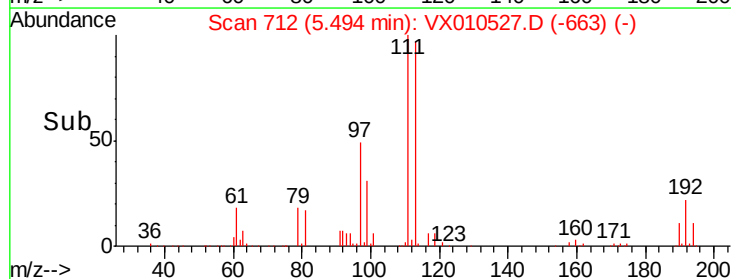
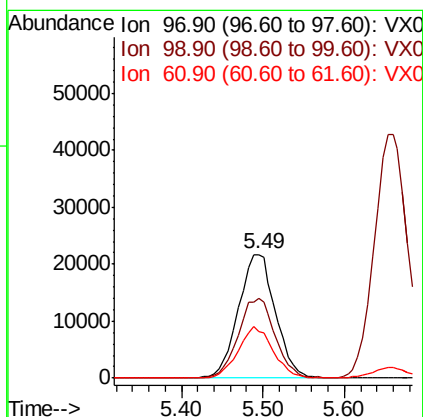
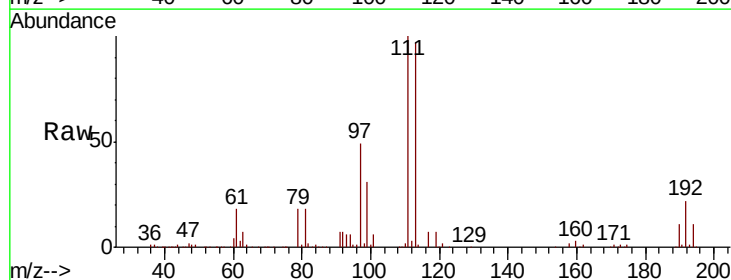
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

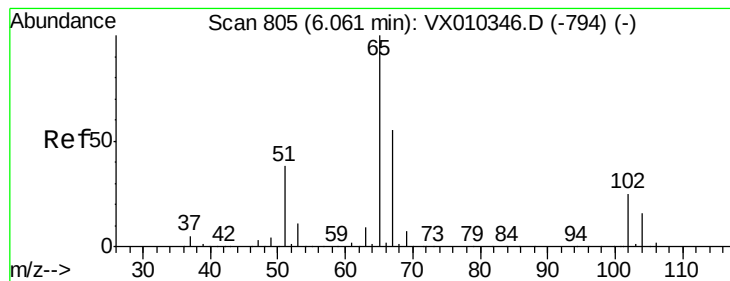
Tot Ion: 56 Resp: 65060
Ion Ratio Lower Upper
56 100
69 29.1 25.9 38.9
84 93.8 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 18.076 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 97 Resp: 68209
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 39.7 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 48.796 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

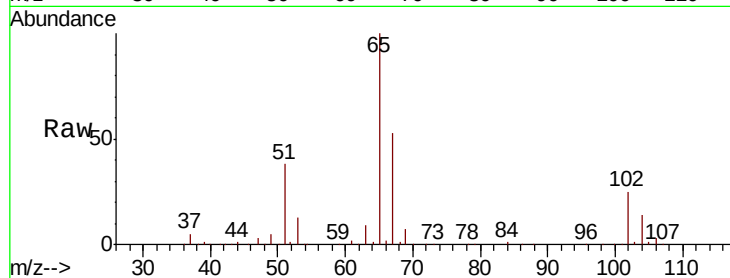
VX0628WBS01

Tot Ion: 65 Resp: 122188

Ion Ratio Lower Upper

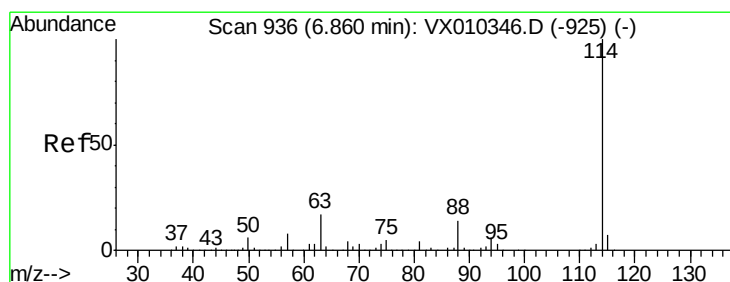
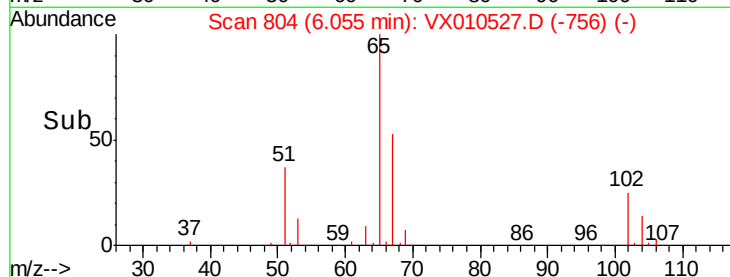
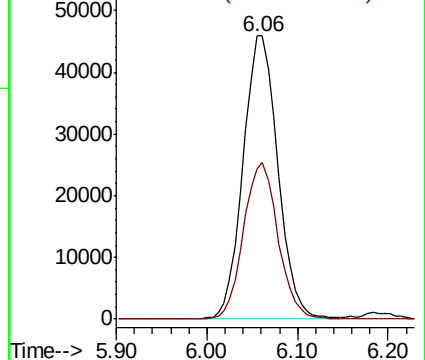
65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

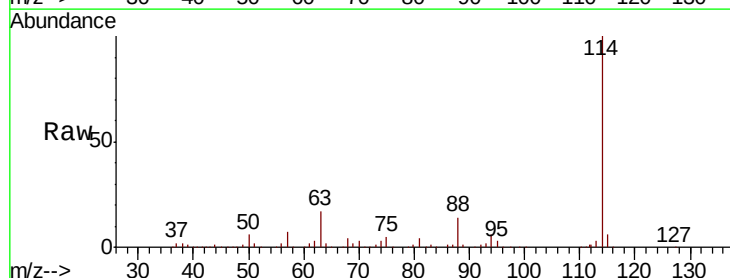
Tgt Ion: 114 Resp: 378945

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

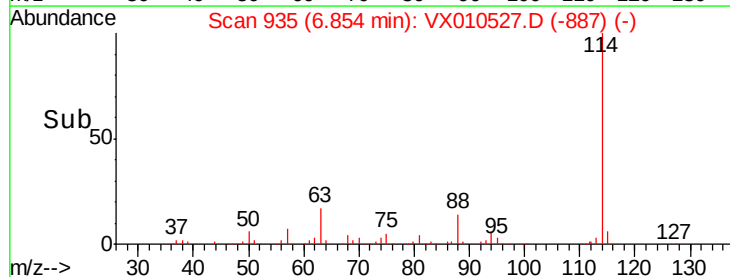
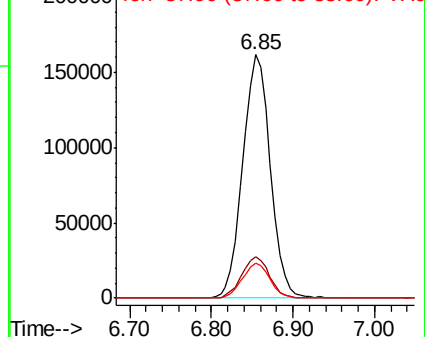
88 14.4 0.0 27.6

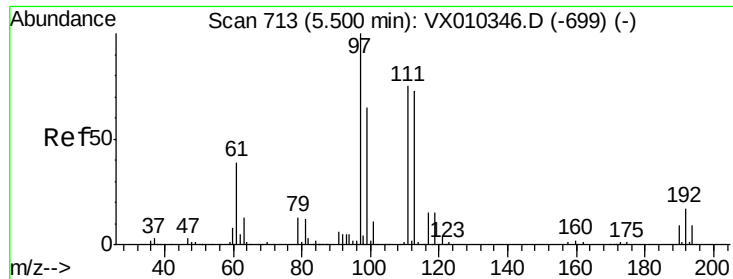


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

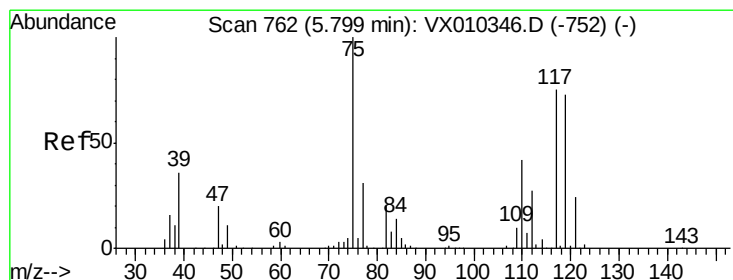
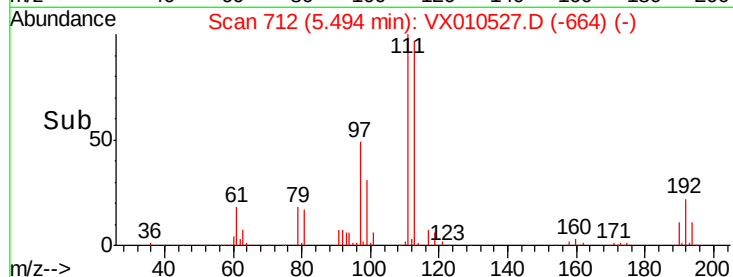
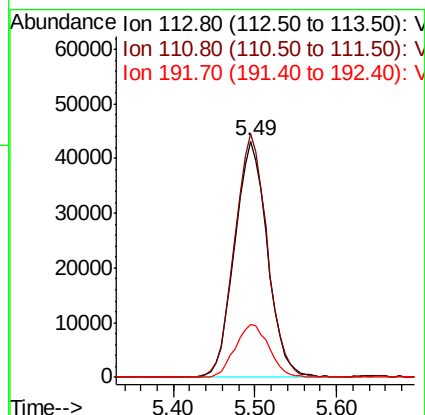
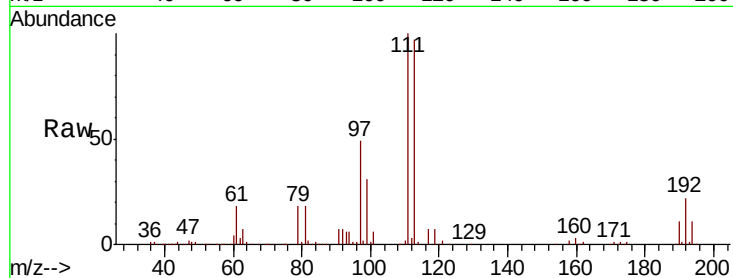




#35
 Dibromofluoromethane
 Concen: 51.683 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

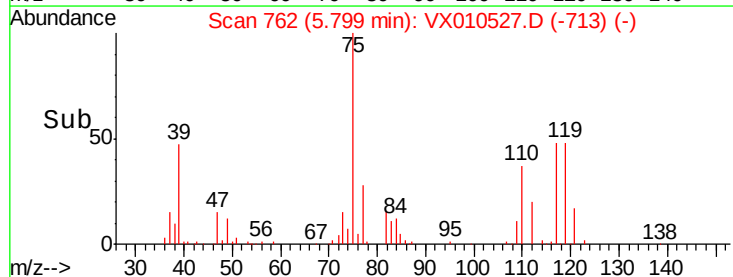
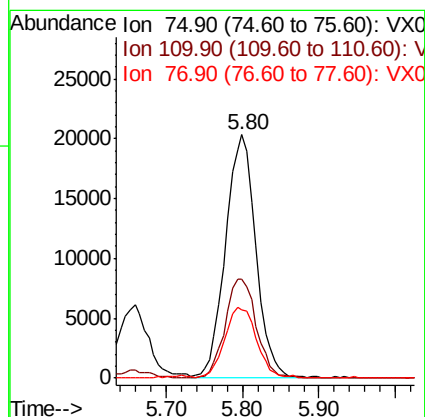
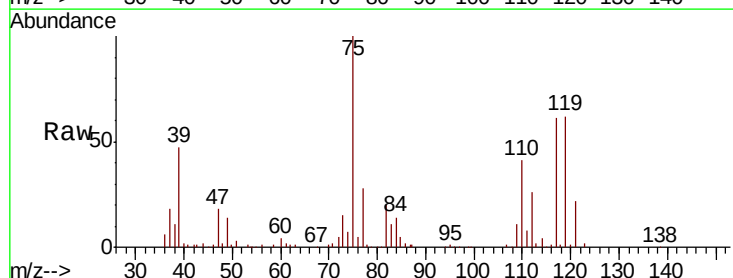
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

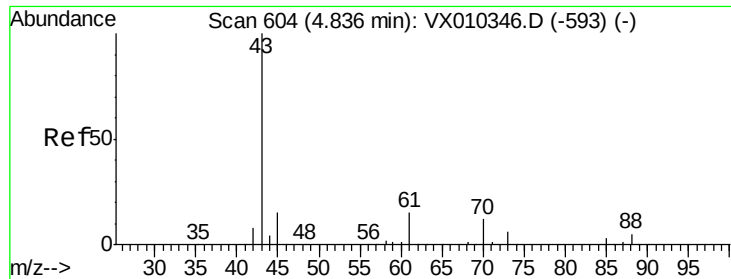
Tot Ion:113 Resp: 119829
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 23.2 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 18.608 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 75 Resp: 56033
 Ion Ratio Lower Upper
 75 100
 110 41.7 20.8 62.2
 77 30.7 25.4 38.0

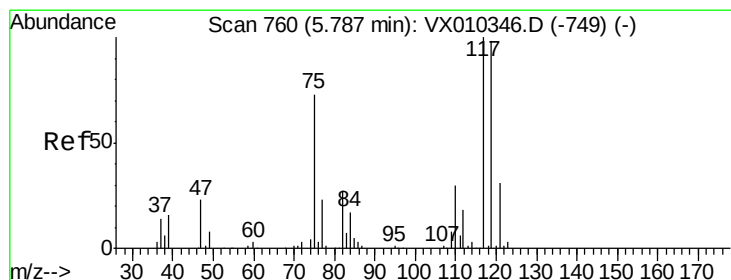
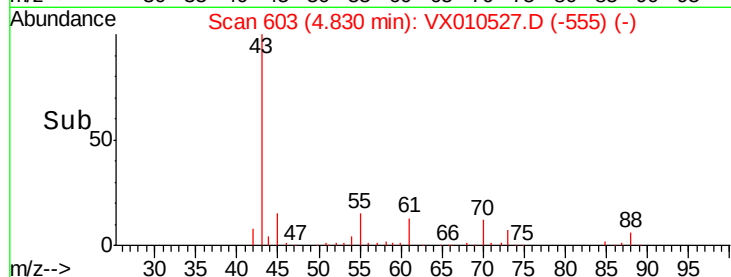
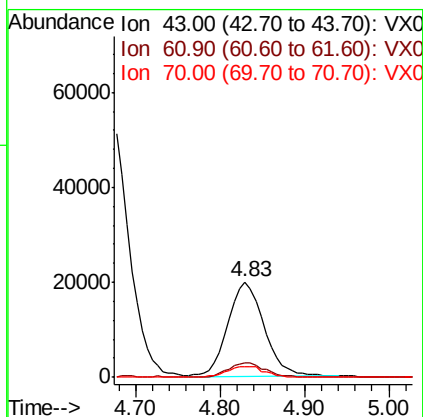
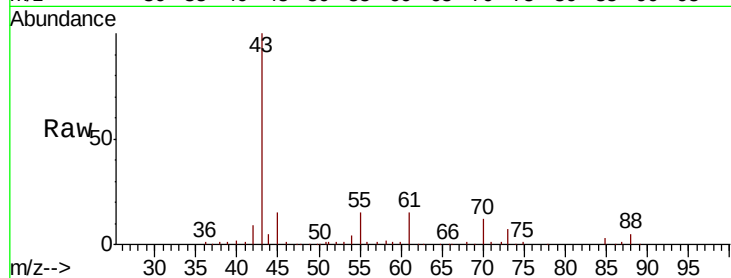




#37
Ethyl Acetate
Concen: 18.792 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

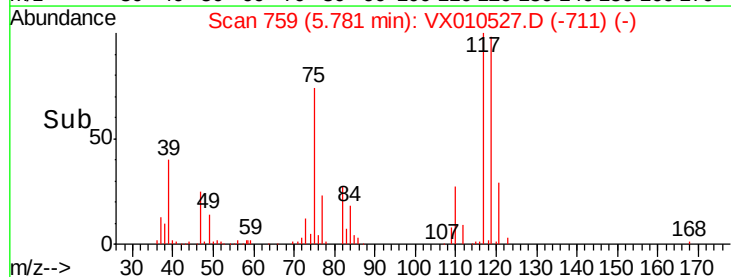
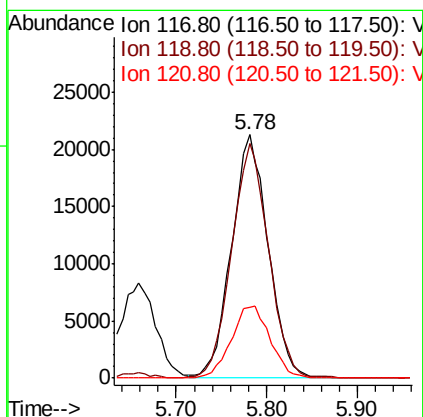
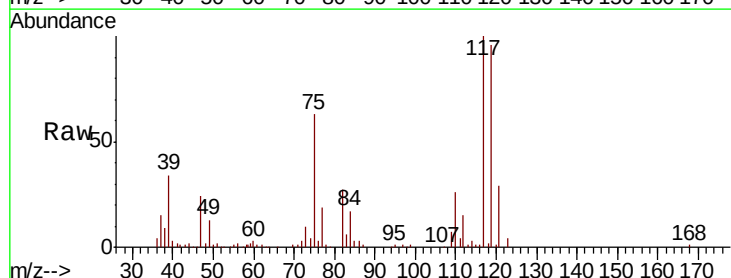
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

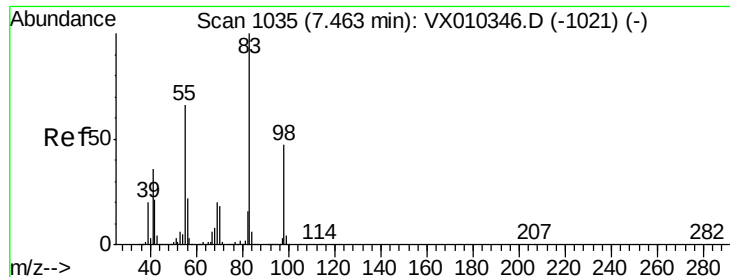
Tot Ion: 43 Resp: 58217
Ion Ratio Lower Upper
43 100
61 15.9 12.4 18.6
70 12.3 9.8 14.8



#38
Carbon Tetrachloride
Concen: 18.289 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 117 Resp: 59638
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
121 29.2 24.7 37.1

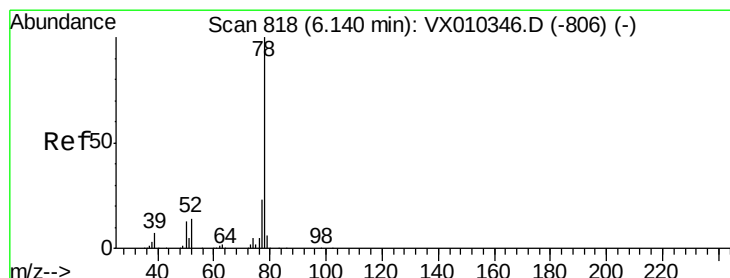
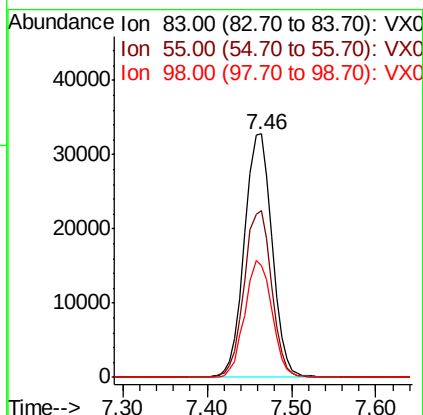
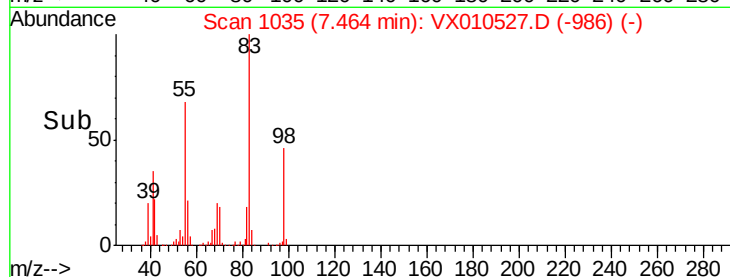
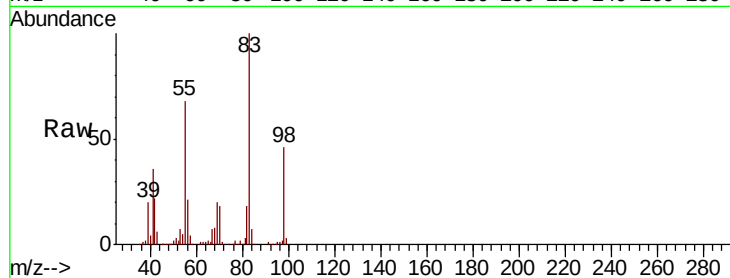




#39
Methylvlcyclohexane
Concen: 18.417 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

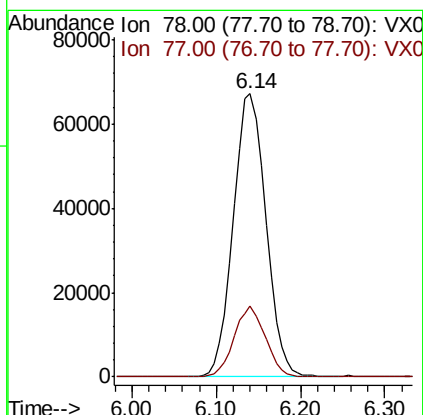
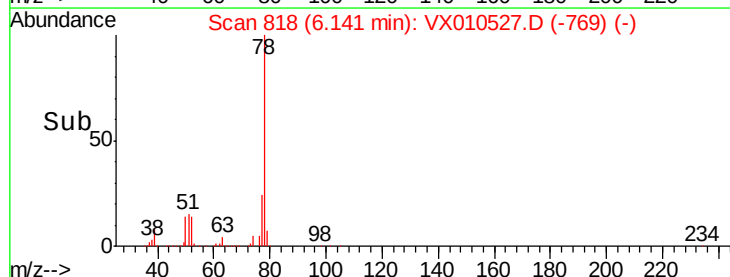
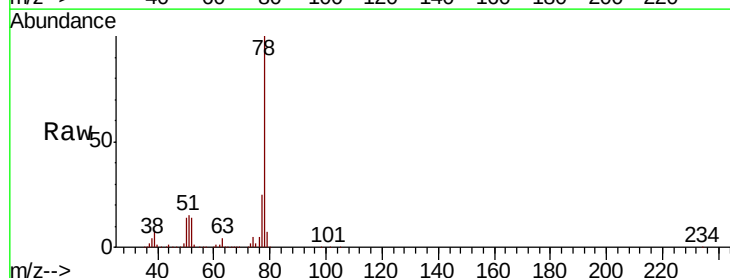
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

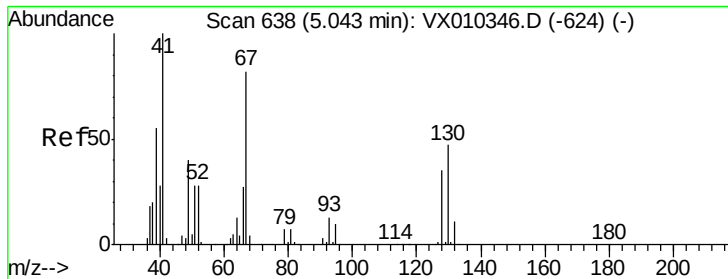
Tot Ion: 83 Resp: 72898
Ion Ratio Lower Upper
83 100
55 68.4 53.0 79.6
98 46.2 37.8 56.8



#40
Benzene
Concen: 18.828 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 78 Resp: 176638
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0





#41

Methacrylonitrile

Concen: 18.572 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

Tot Ion: 41 Resp: 31568

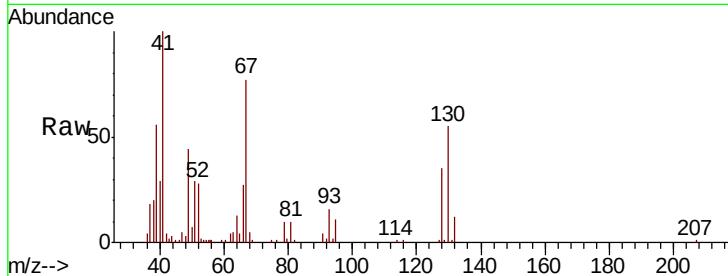
Ion Ratio Lower Upper

41 100

39 53.9 43.8 65.8

67 85.1 66.6 100.0

52 32.9 24.5 36.7



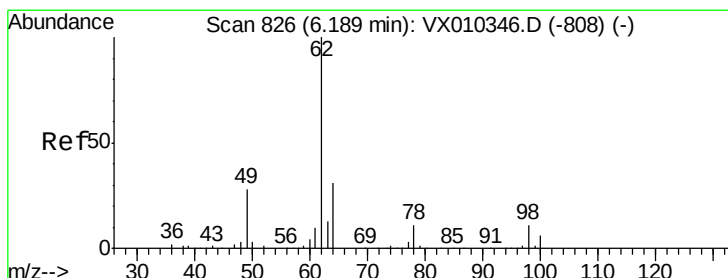
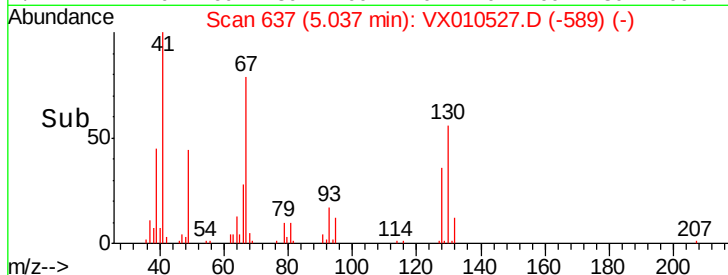
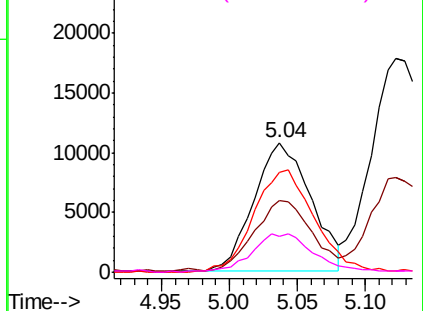
Abundance

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: 19.629 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010527.D

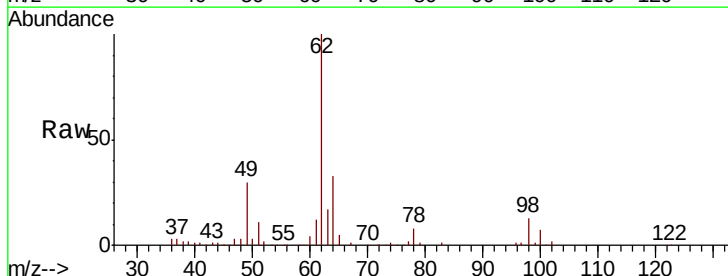
Acq: 28 Jun 2019 11:25

Tgt Ion: 62 Resp: 56055

Ion Ratio Lower Upper

62 100

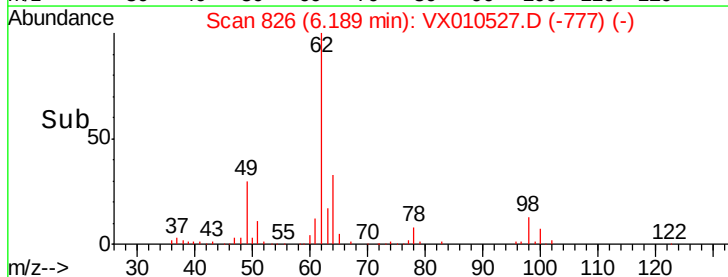
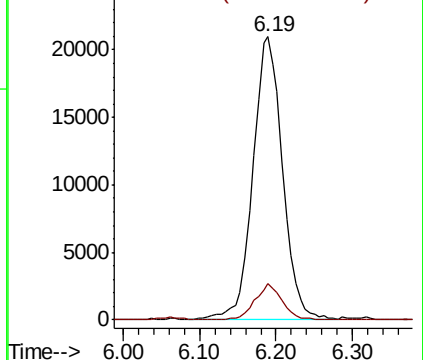
98 11.7 0.0 22.2

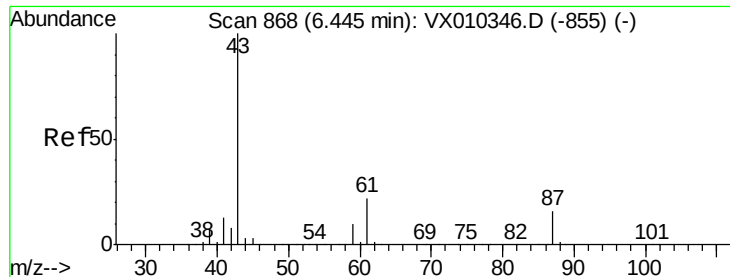


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.507 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

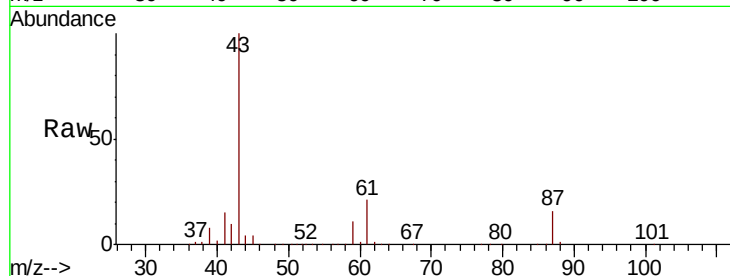
Tot Ion: 43 Resp: 94855

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

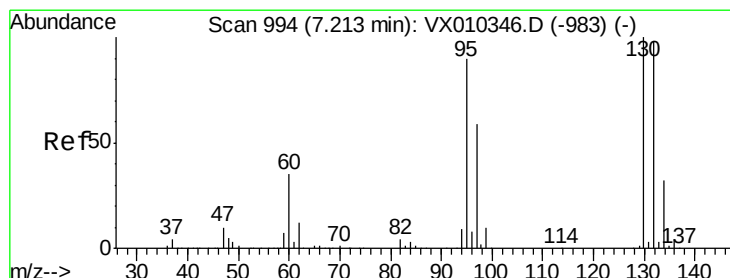
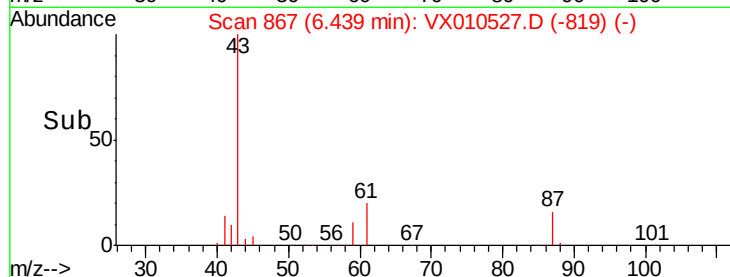
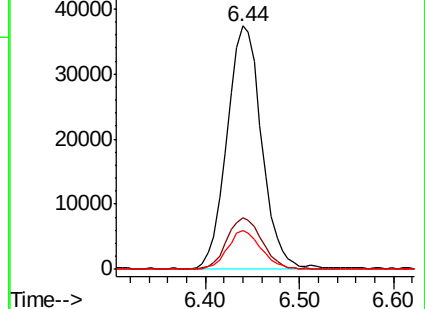
87 15.8 13.0 19.4



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: 19.369 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010527.D

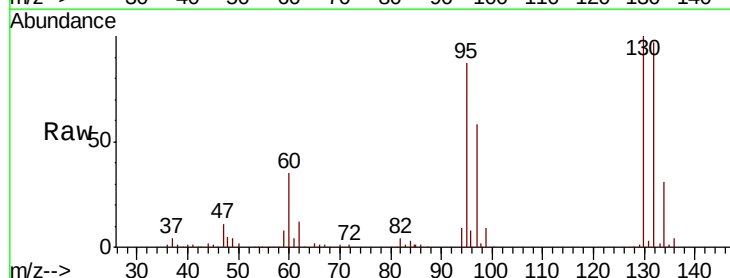
Acq: 28 Jun 2019 11:25

Tgt Ion:130 Resp: 54372

Ion Ratio Lower Upper

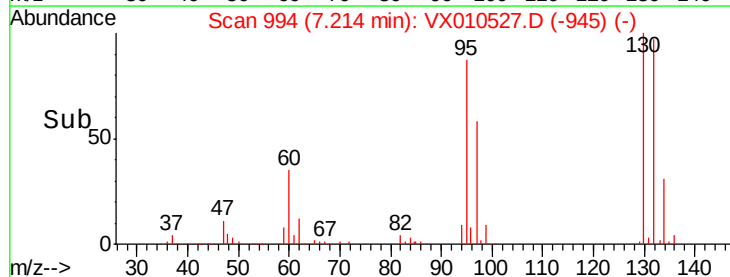
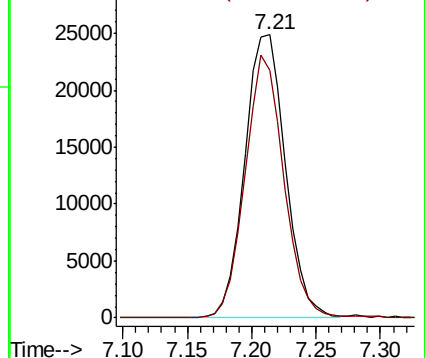
130 100

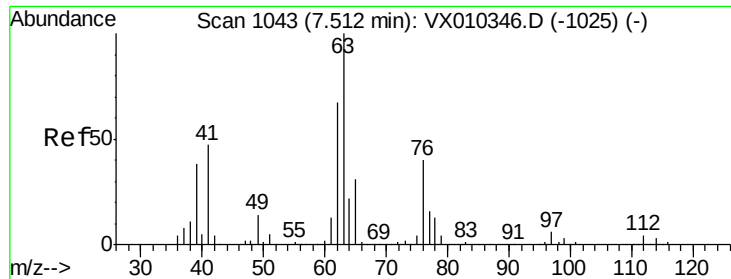
95 87.5 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

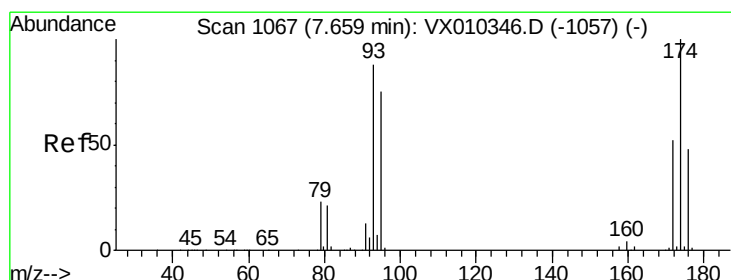
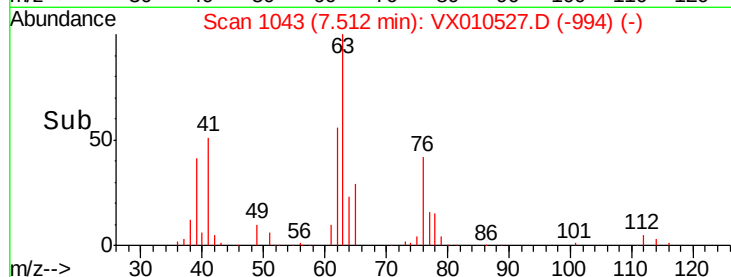
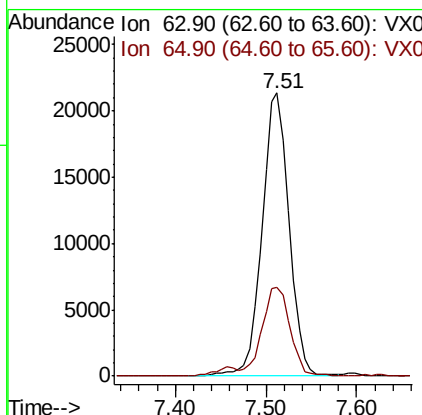
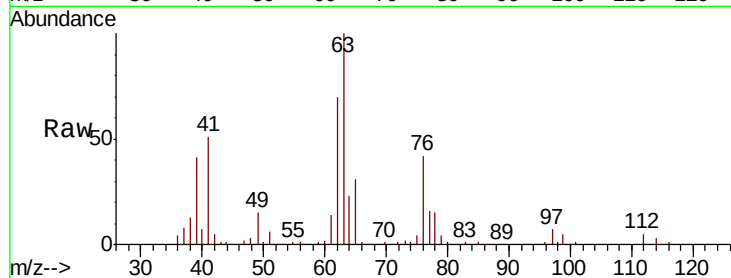




#45
 1,2-Dichloropropane
 Concen: 18.595 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

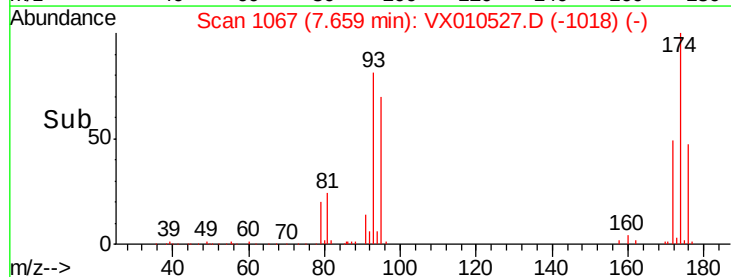
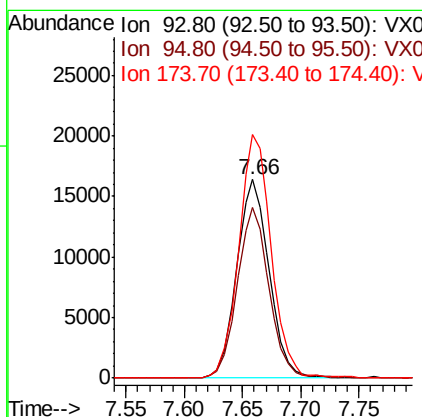
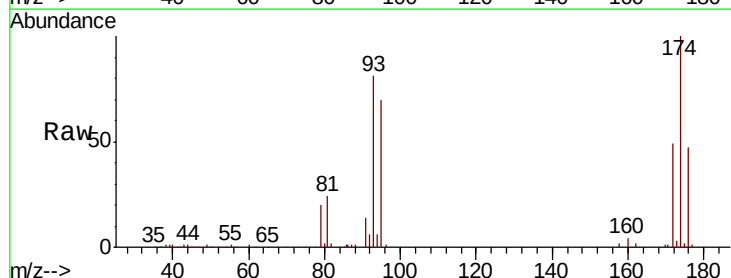
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

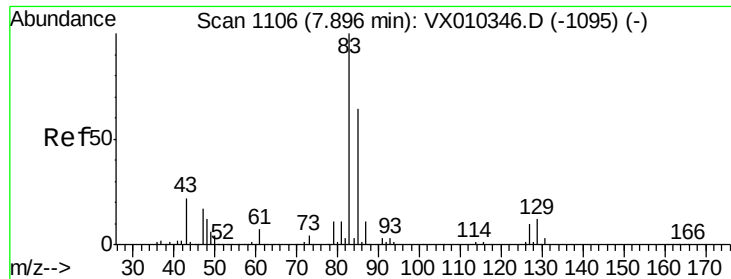
Tot Ion: 63 Resp: 44055
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 18.616 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 93 Resp: 31643
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 123.1 95.8 143.6

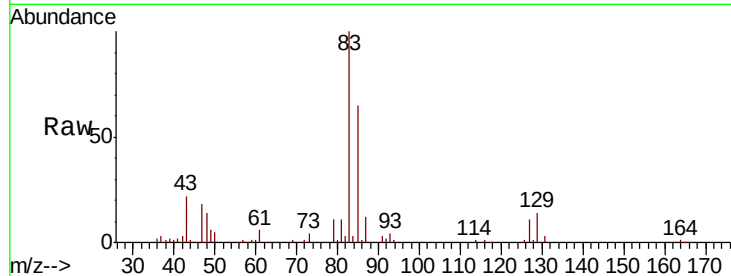




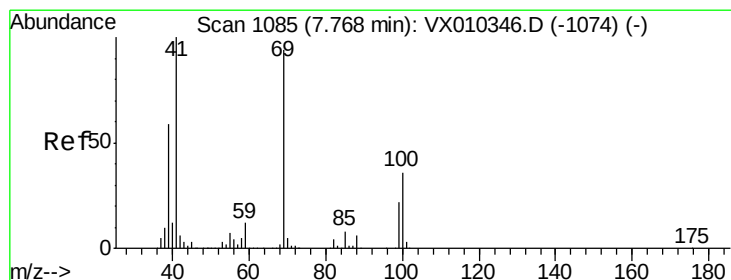
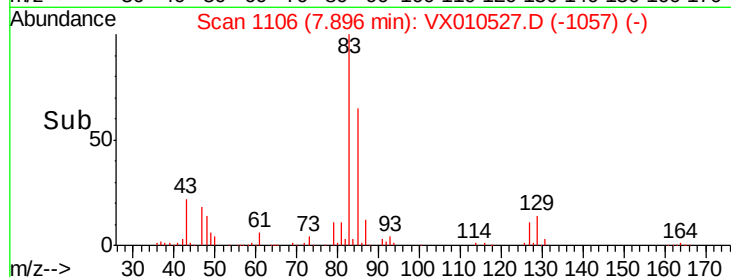
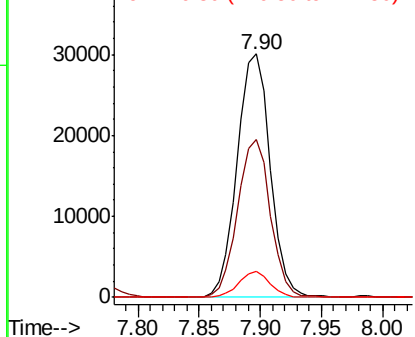
#47
Bromodichloromethane
Concen: 18.150 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

Tot Ion: 83 Resp: 56539
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3
127 10.5 7.8 11.8

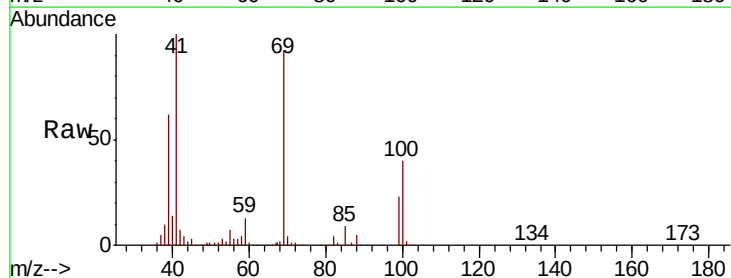


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

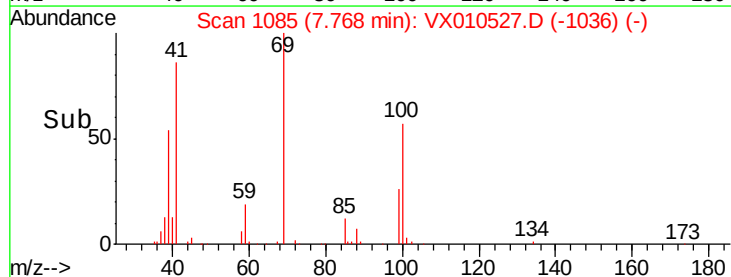
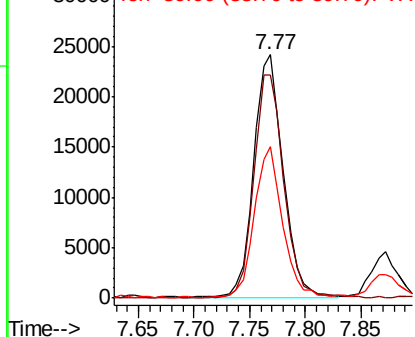


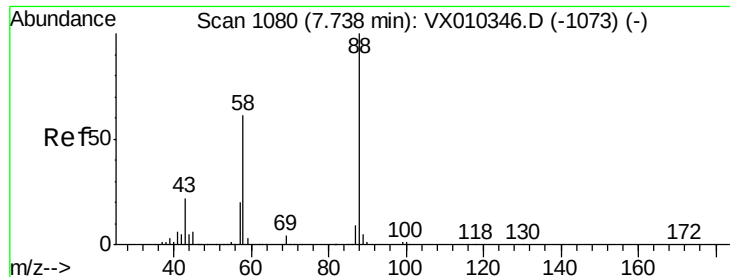
#48
Methyl methacrylate
Concen: 18.597 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 41 Resp: 44305
Ion Ratio Lower Upper
41 100
69 94.9 76.1 114.1
39 59.0 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: 394.215 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

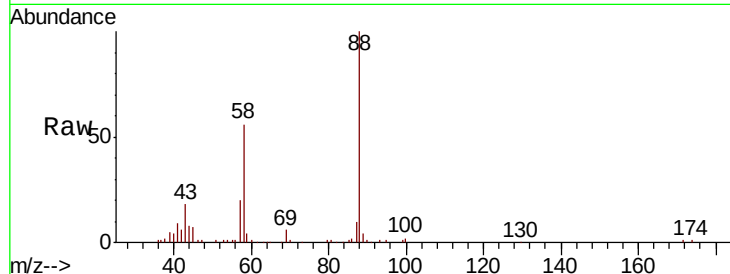
Tot Ion: 88 Resp: 27055

Ion Ratio Lower Upper

88 100

43 25.6 20.2 30.2

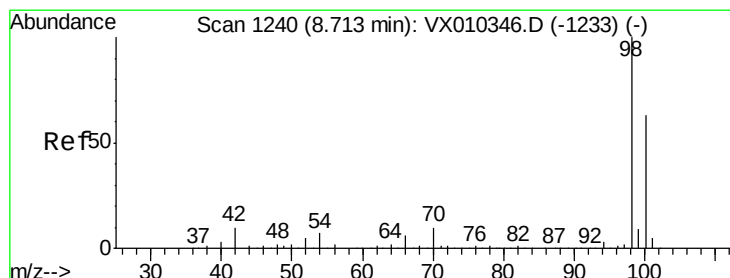
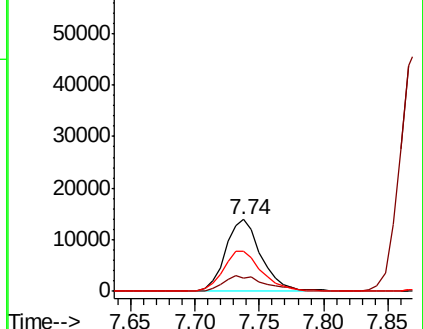
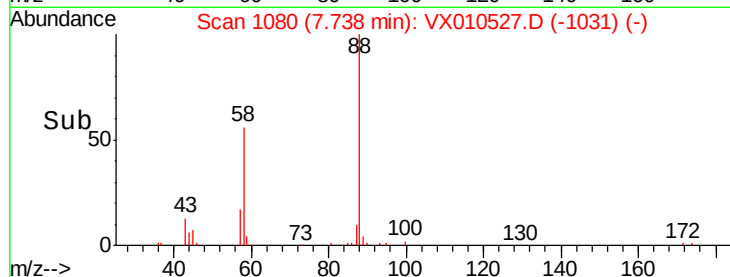
58 60.2 49.5 74.3



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: 51.144 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010527.D

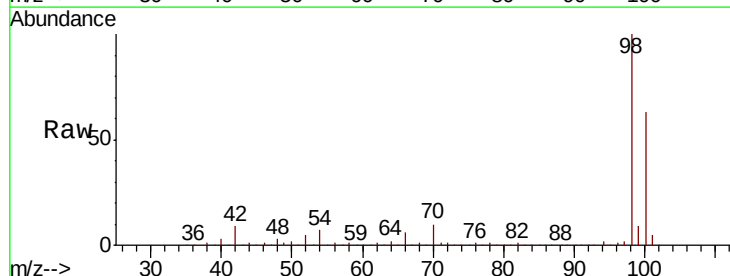
Acq: 28 Jun 2019 11:25

Tgt Ion: 98 Resp: 453656

Ion Ratio Lower Upper

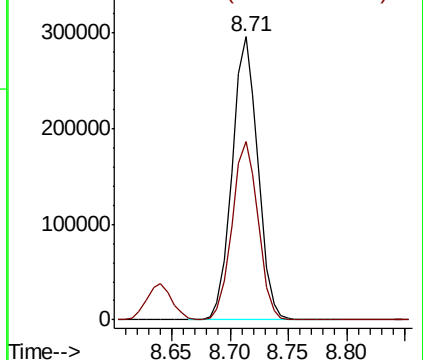
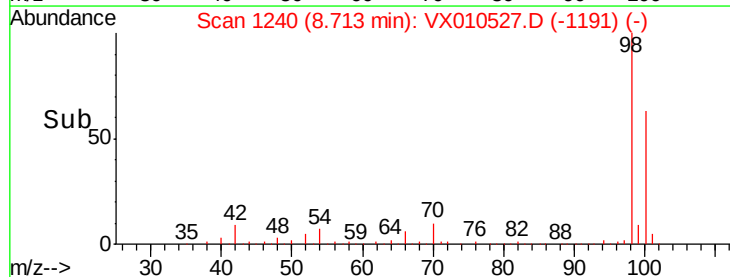
98 100

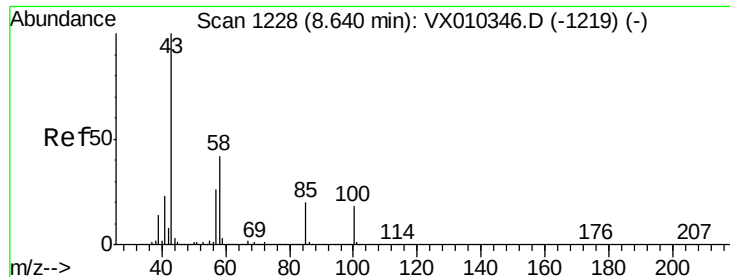
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

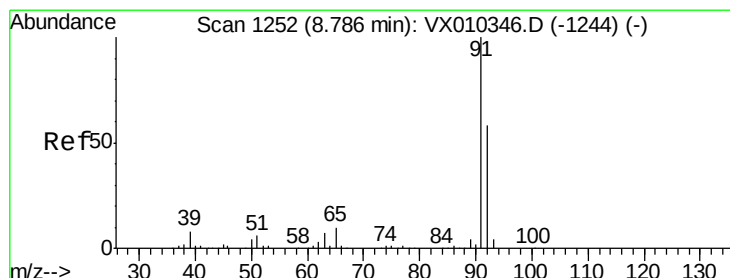
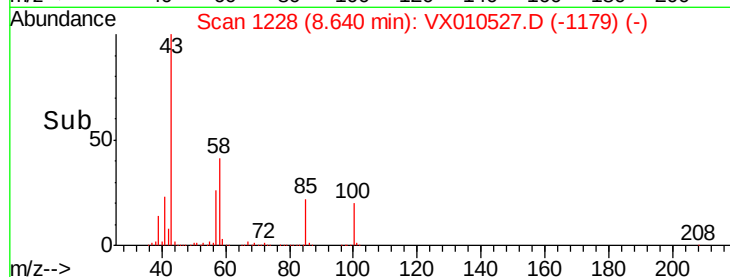
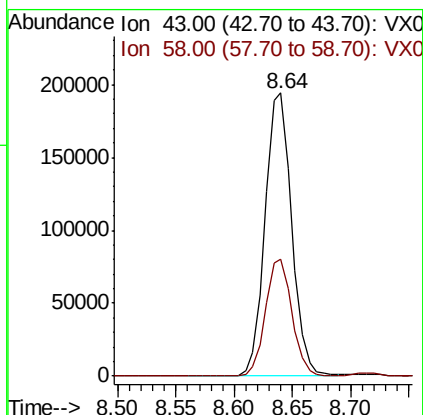
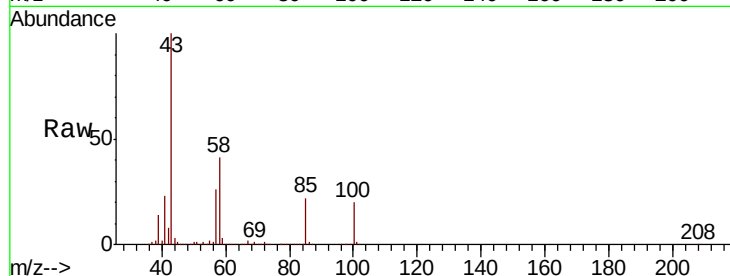




#51
4-Methyl-2-Pentanone
Concen: 94.434 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

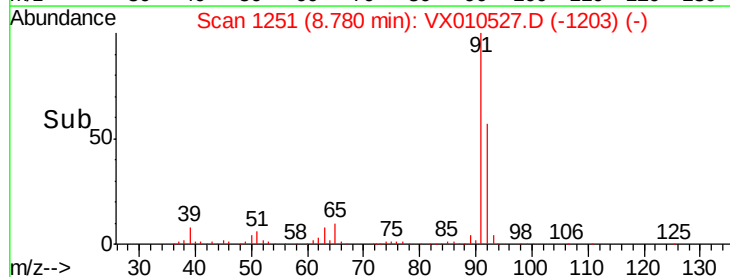
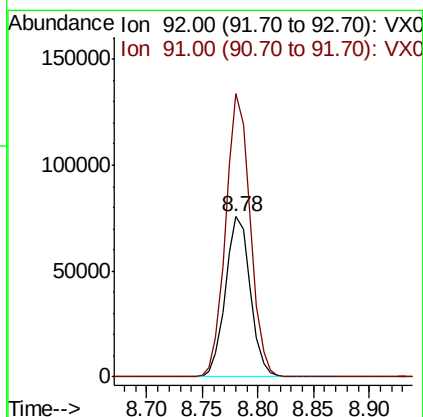
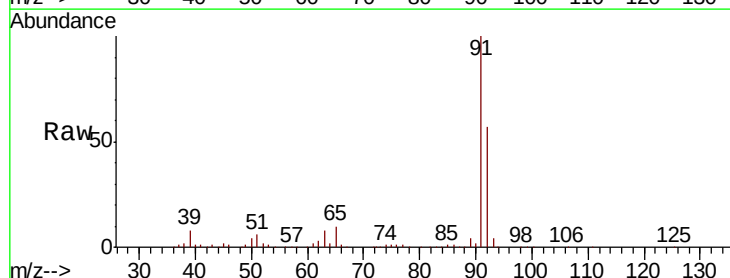
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

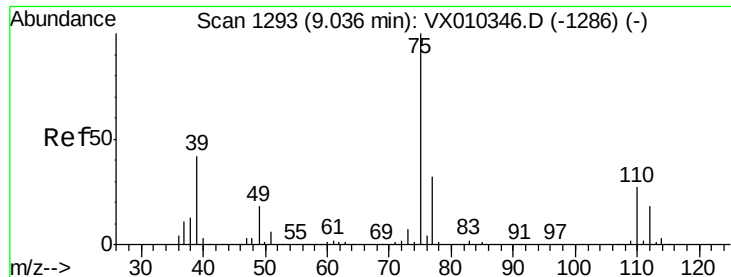
Tot Ion: 43 Resp: 309559
Ion Ratio Lower Upper
43 100
58 41.1 33.5 50.3



#52
Toluene
Concen: 19.003 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 92 Resp: 117401
Ion Ratio Lower Upper
92 100
91 174.0 139.8 209.6

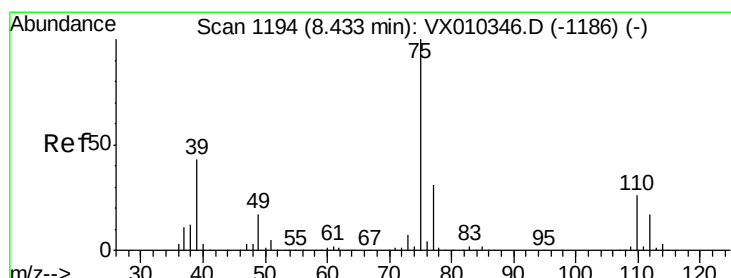
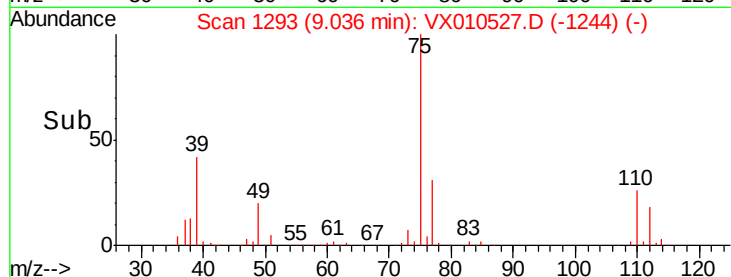
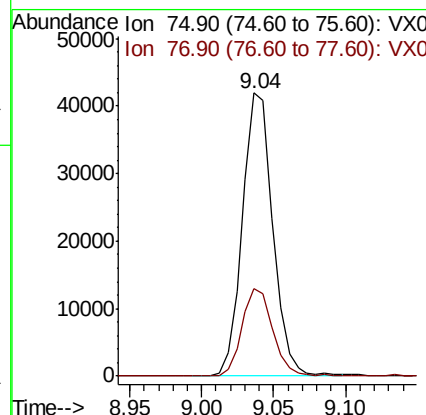
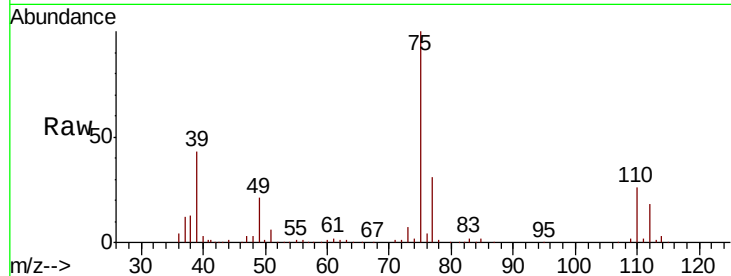




#53
 t-1,3-Dichloropropene
 Concen: 17.606 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

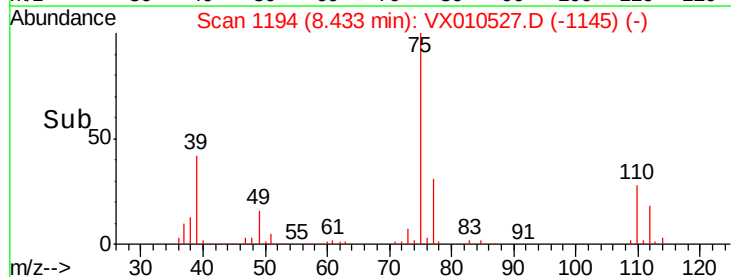
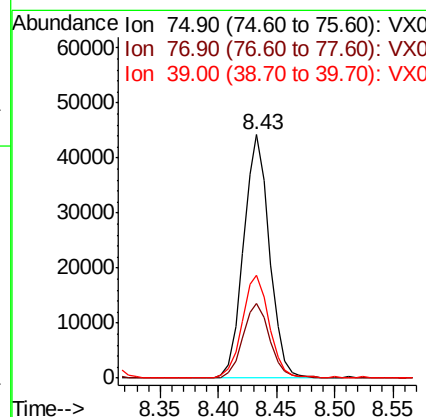
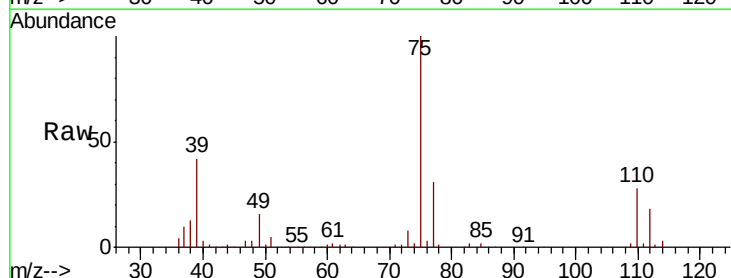
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

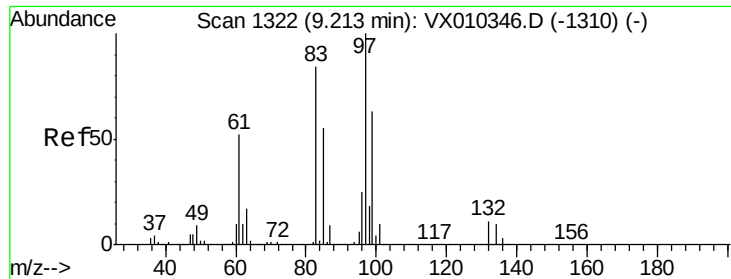
Tot Ion: 75 Resp: 61489
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.134 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 75 Resp: 68825
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 41.8 34.5 51.7

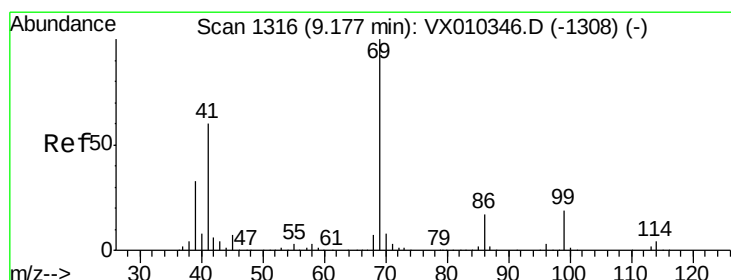
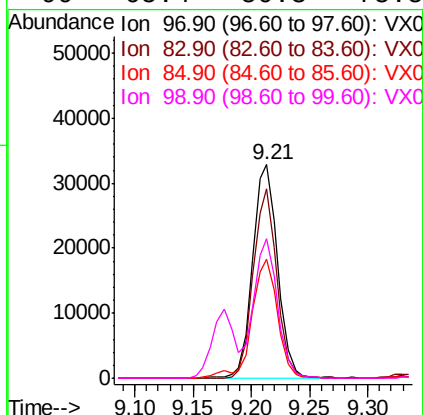
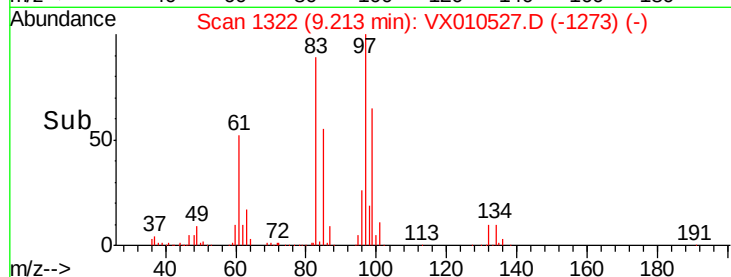
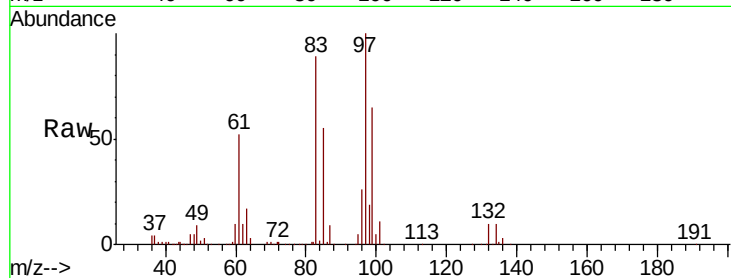




#55
 1,1,2-Trichloroethane
 Concen: 19.246 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

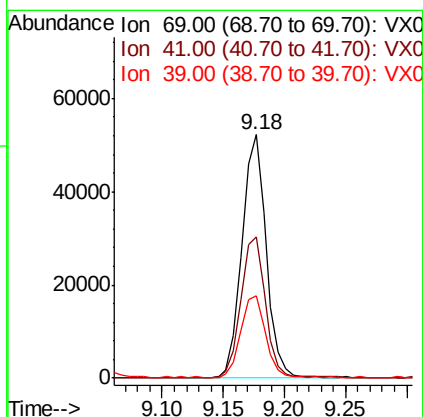
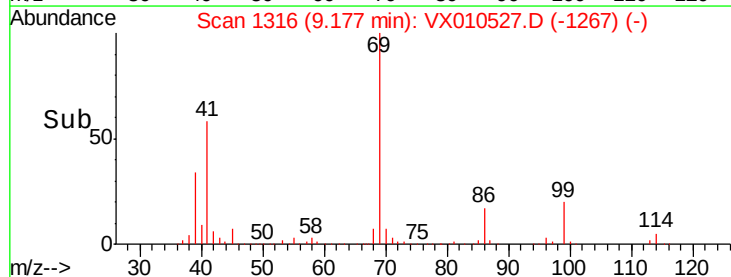
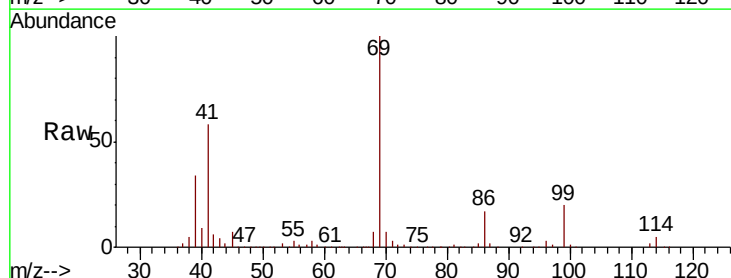
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

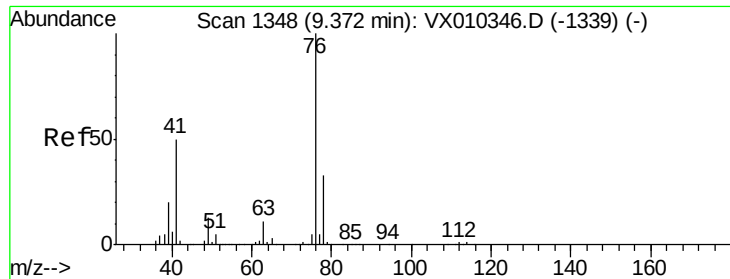
Tot Ion	97	Resp	49038
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.4	101.0
85	55.5	43.8	65.8
99	65.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.576 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion	69	Resp	71702
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.1	70.7
39	34.7	26.6	40.0

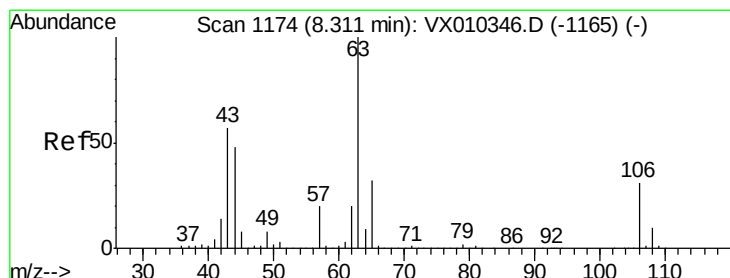
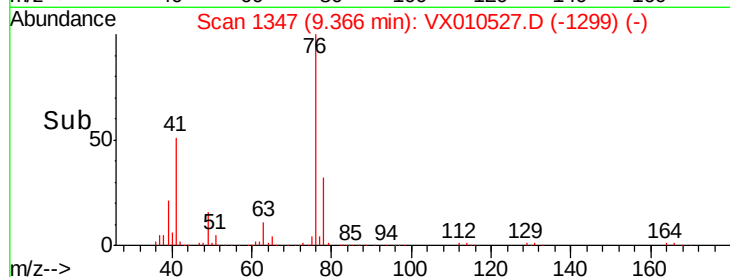
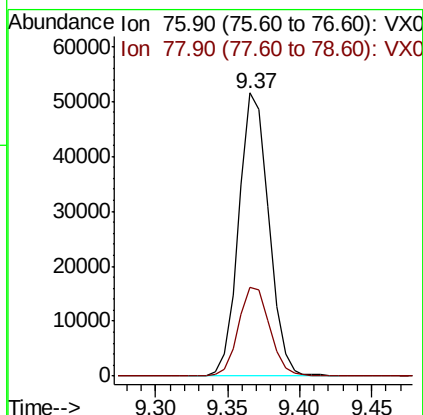
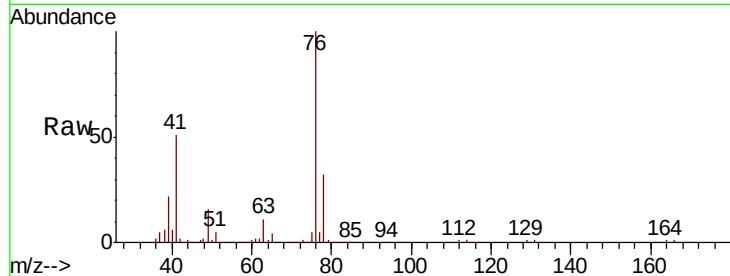




#57
 1,3-Dichloropropane
 Concen: 18.899 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

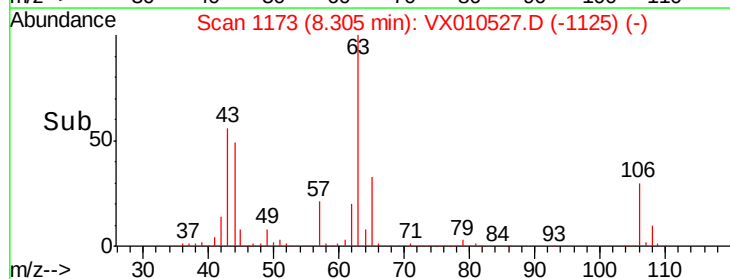
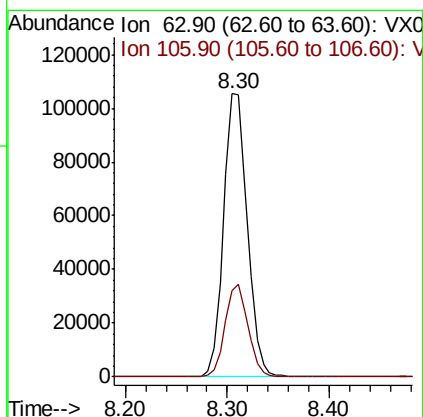
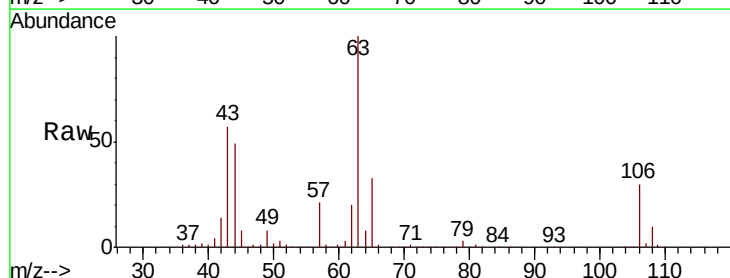
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

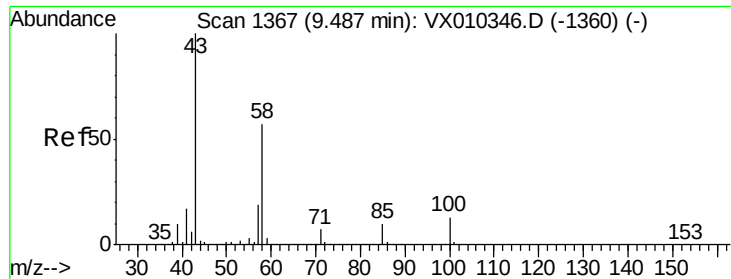
Tot Ion: 76 Resp: 74752
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.816 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 63 Resp: 170147
 Ion Ratio Lower Upper
 63 100
 106 31.5 24.7 37.1

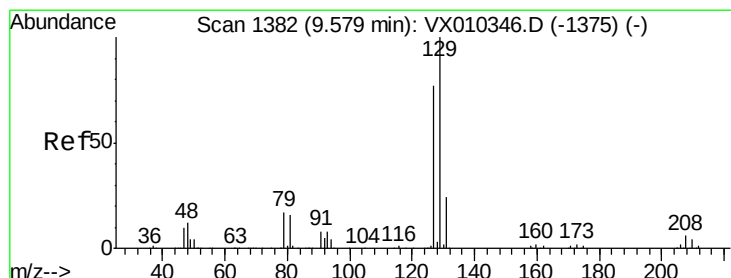
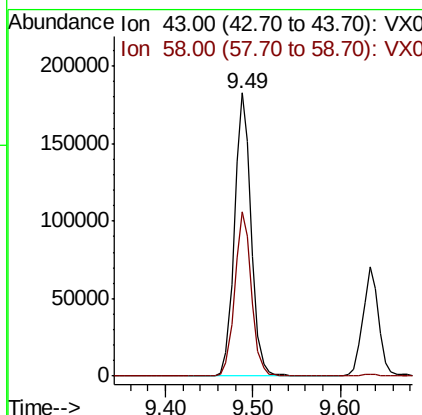
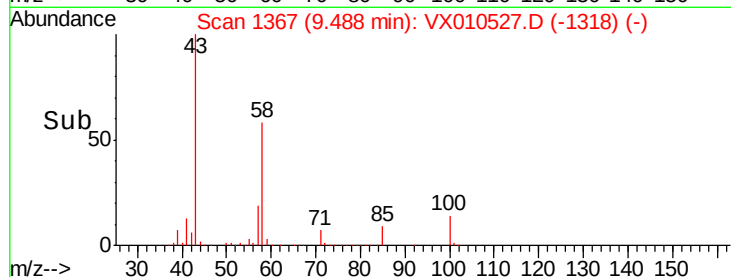
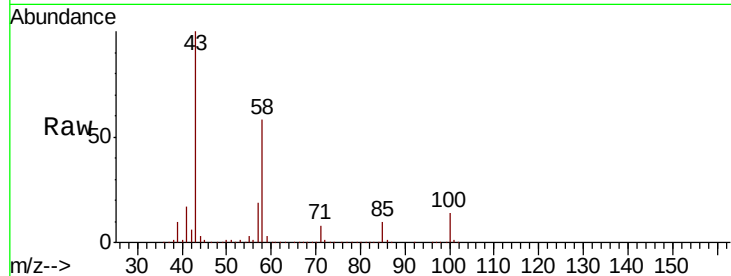




#59
2-Hexanone
Concen: 95.086 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

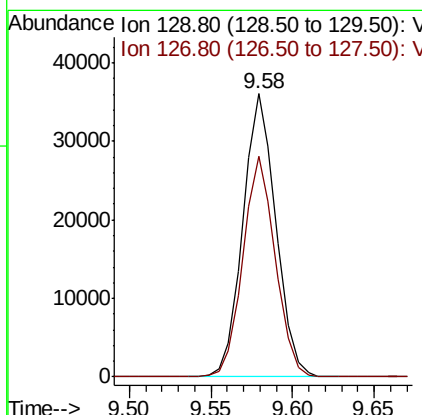
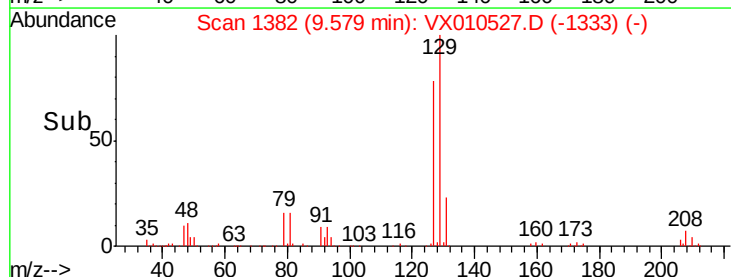
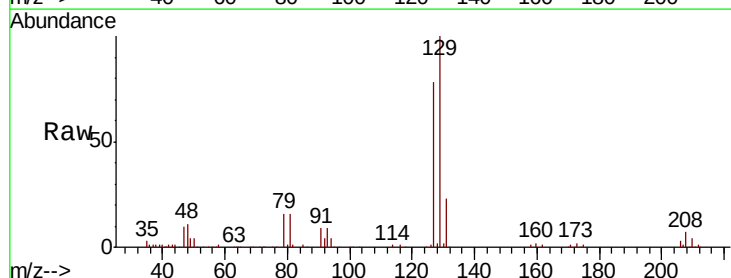
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

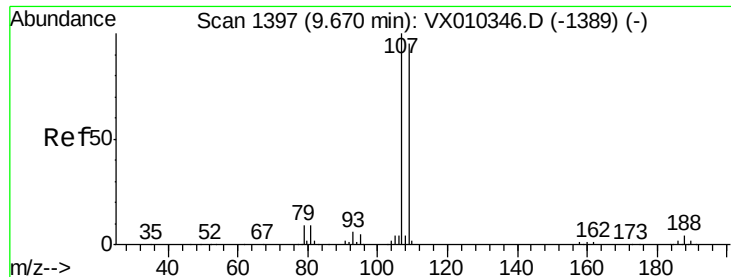
Tot Ion: 43 Resp: 245314
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.1



#60
Dibromochloromethane
Concen: 17.756 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 129 Resp: 50656
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.787 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

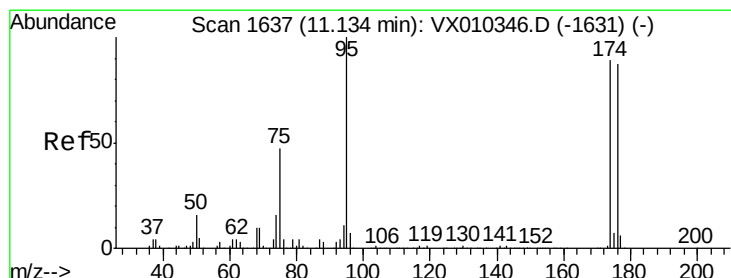
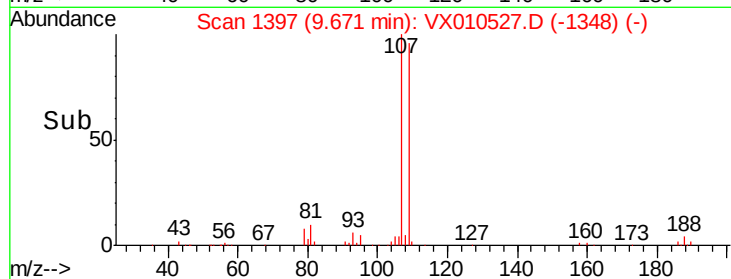
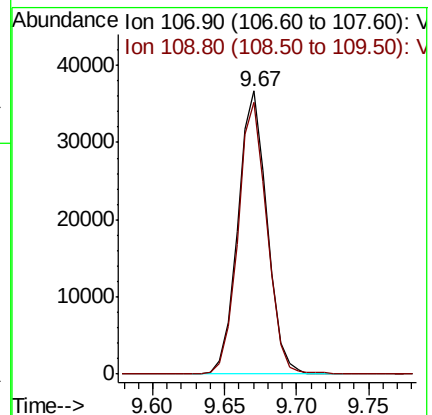
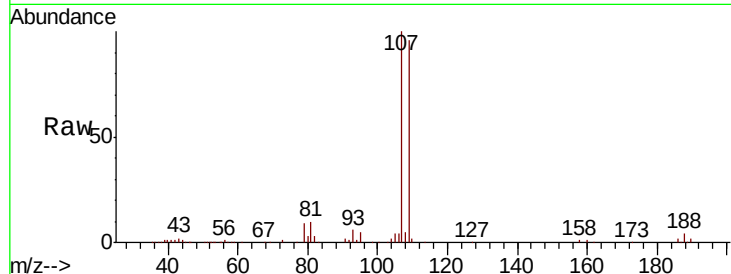
VX0628WBS01

Tot Ion:107 Resp: 51668

Ion Ratio Lower Upper

107 100

109 95.4 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 50.529 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

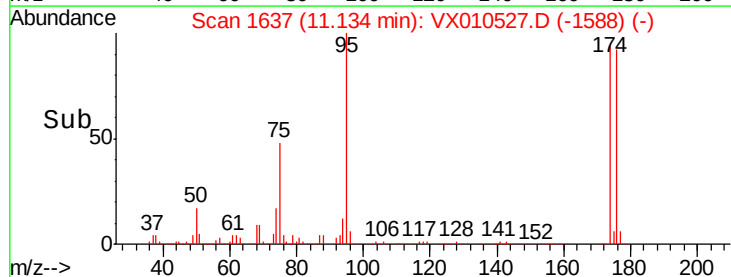
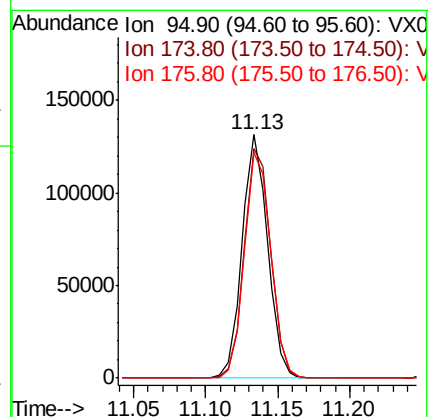
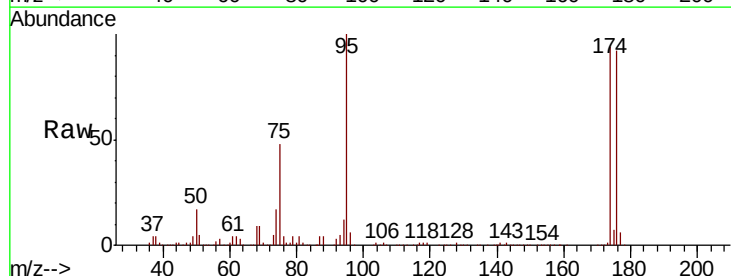
Tgt Ion: 95 Resp: 161815

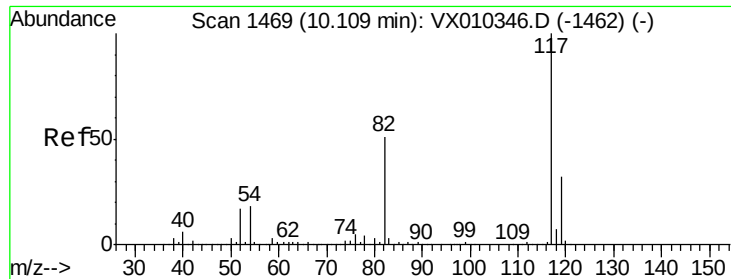
Ion Ratio Lower Upper

95 100

174 97.7 0.0 187.6

176 95.5 0.0 184.0

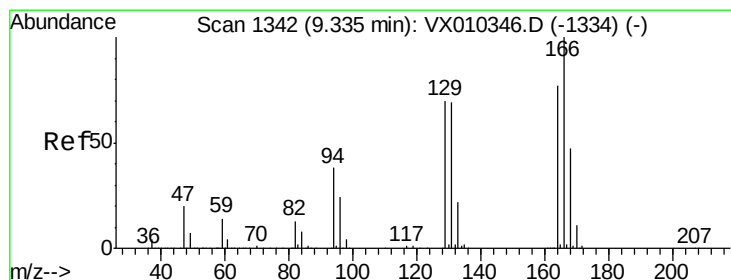
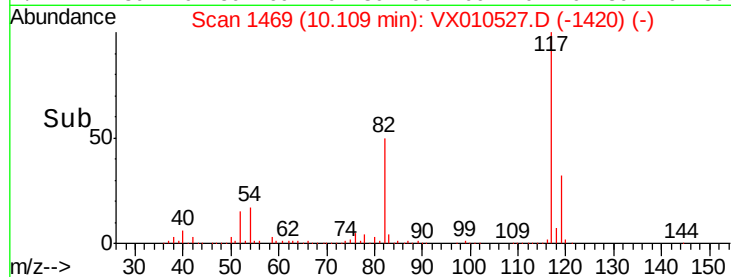
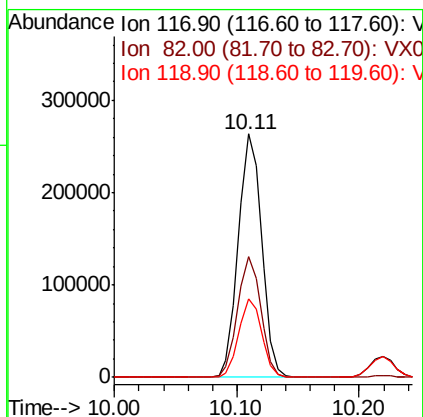
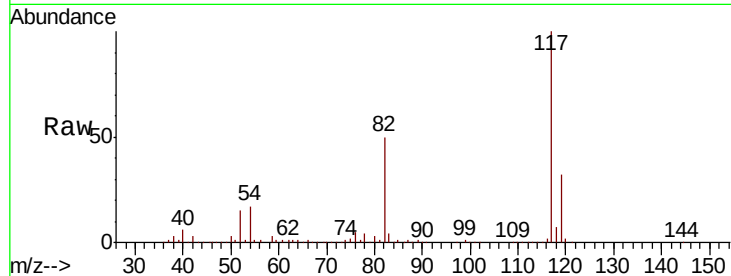




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

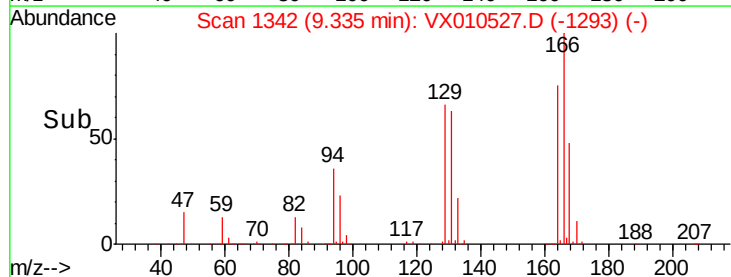
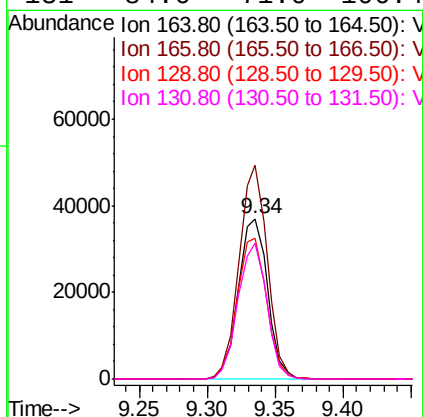
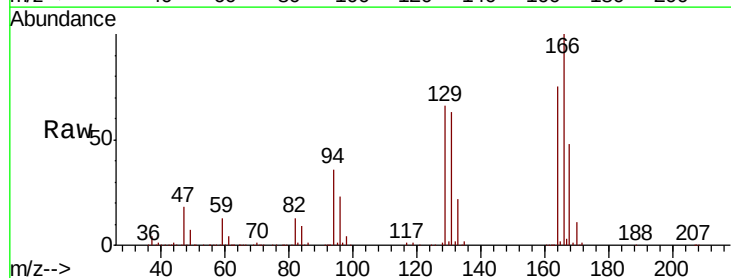
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

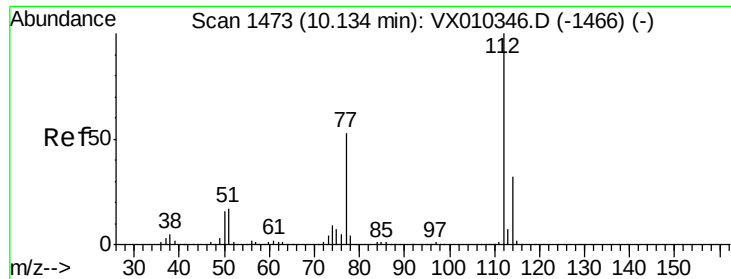
Tot Ion:117 Resp: 348401
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.659 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion:164 Resp: 55397
Ion Ratio Lower Upper
164 100
166 133.2 103.6 155.4
129 87.7 73.0 109.4
131 84.6 71.0 106.4

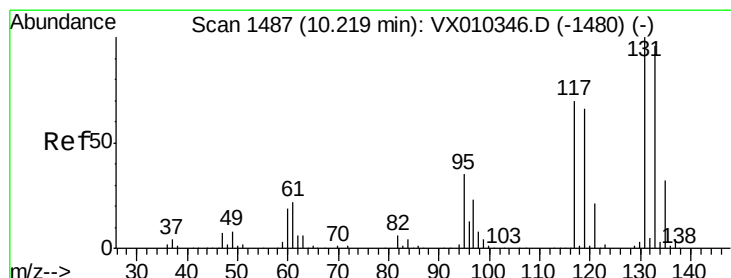
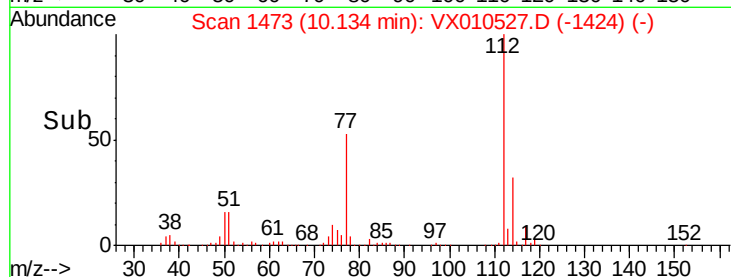
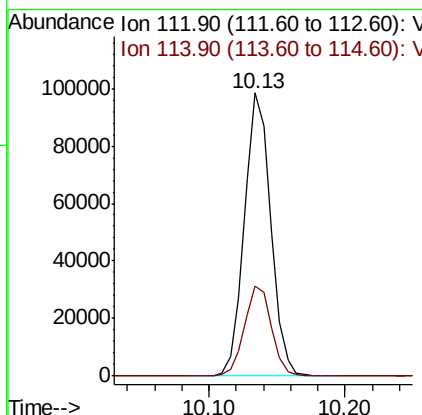
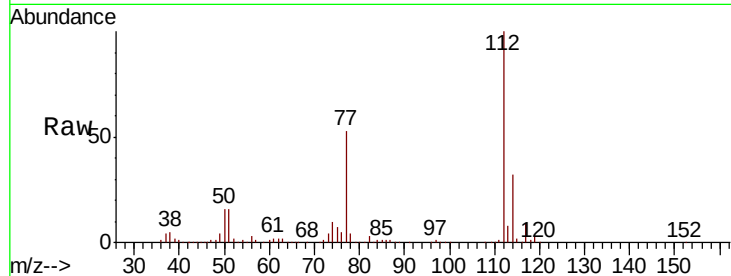




#65
Chlorobenzene
Concen: 18.937 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

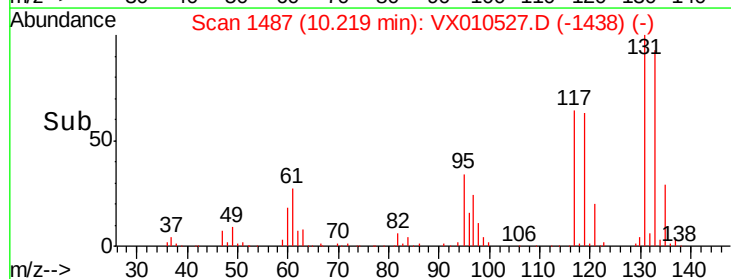
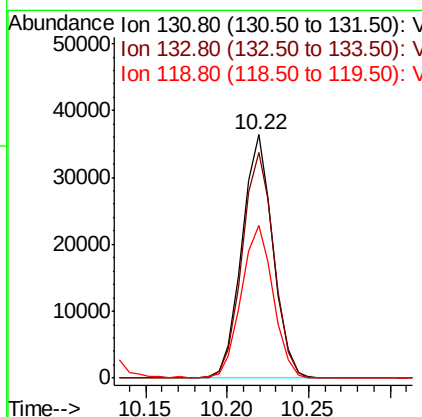
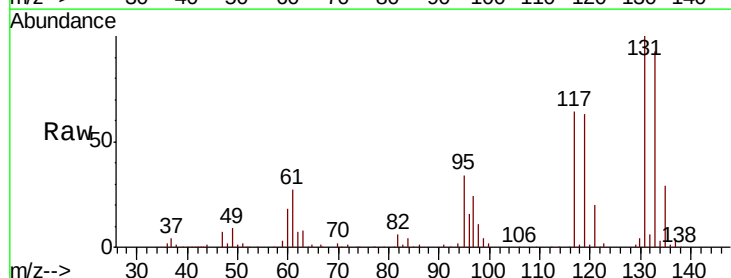
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

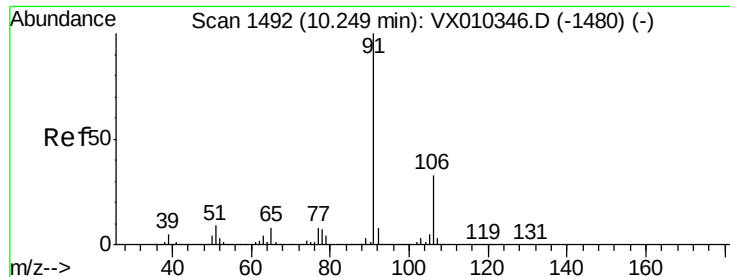
Tot Ion:112 Resp: 133943
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.672 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion:131 Resp: 48108
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.1 32.6 97.7

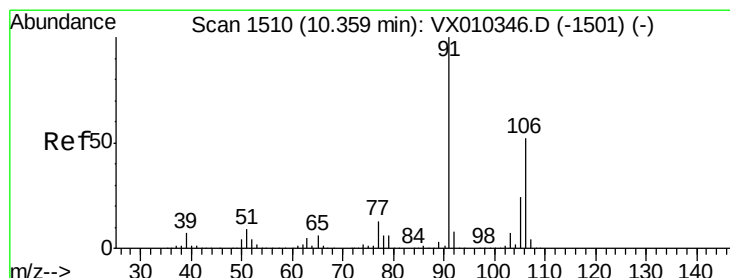
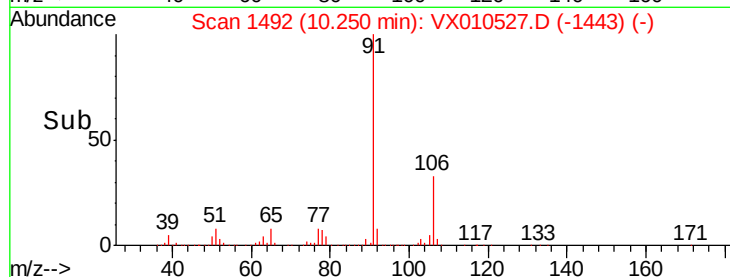
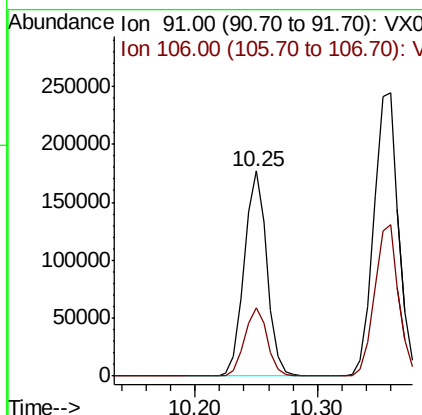
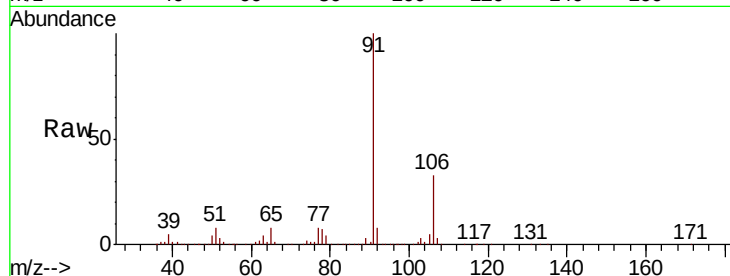




#67
Ethyl Benzene
Concen: 18.950 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

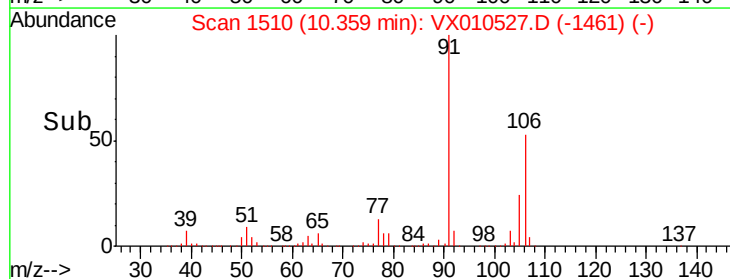
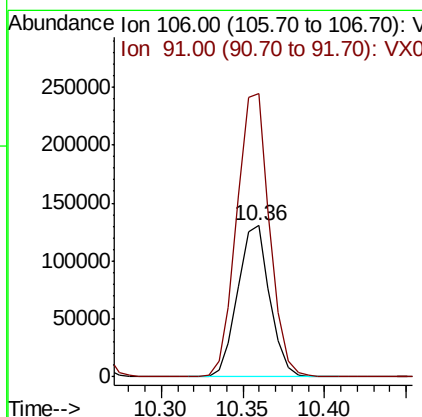
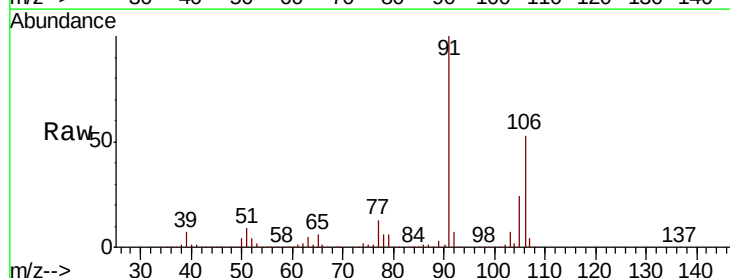
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

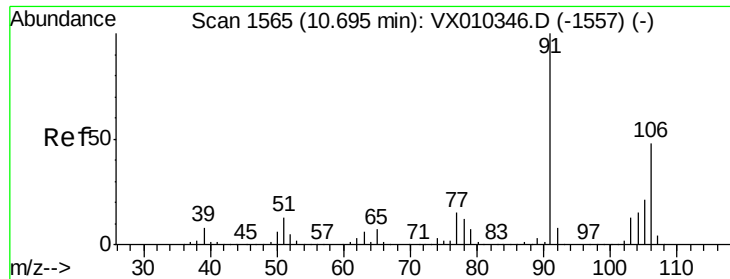
Tot Ion: 91 Resp: 226290
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2



#68
m/p-Xylenes
Concen: 38.729 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 106 Resp: 179197
Ion Ratio Lower Upper
106 100
91 190.9 155.3 232.9

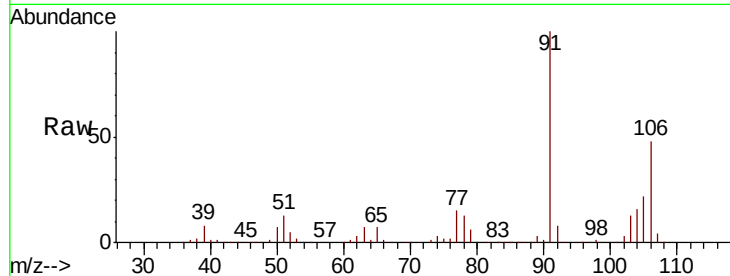




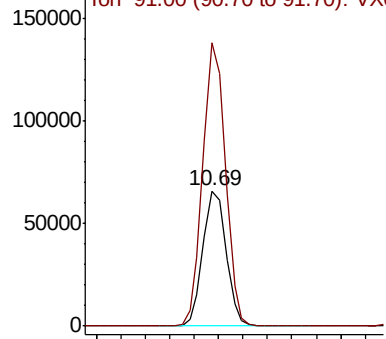
#69
o-Xylene
Concen: 19.047 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS01

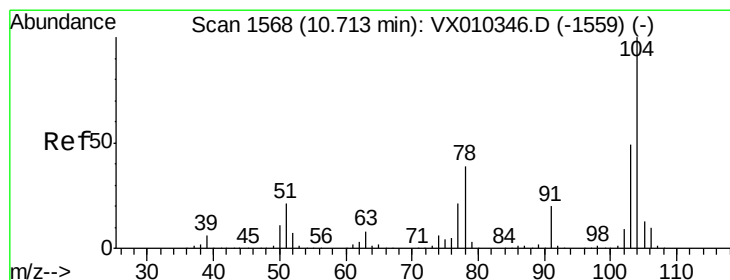
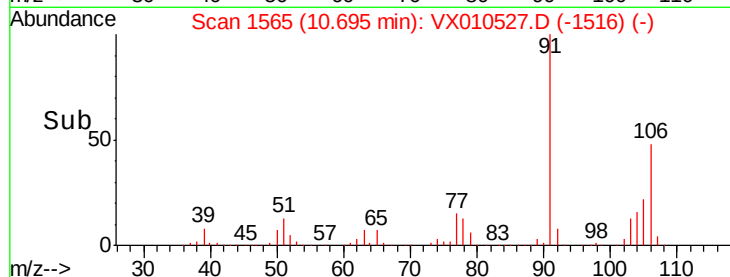
Tot Ion:106 Resp: 86666
Ion Ratio Lower Upper
106 100
91 204.9 102.7 308.1



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

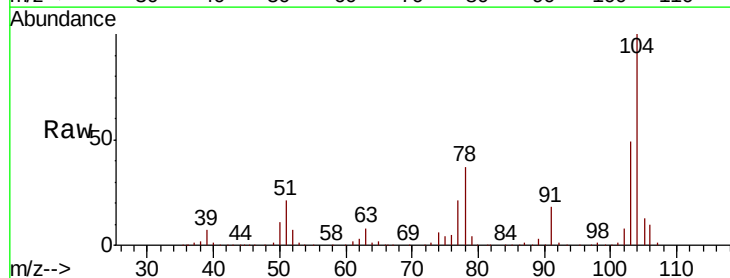


Time--> 10.60 10.70 10.80

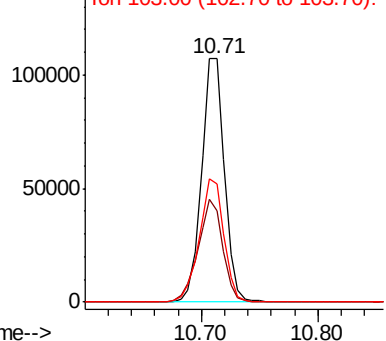


#70
Styrene
Concen: 19.196 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

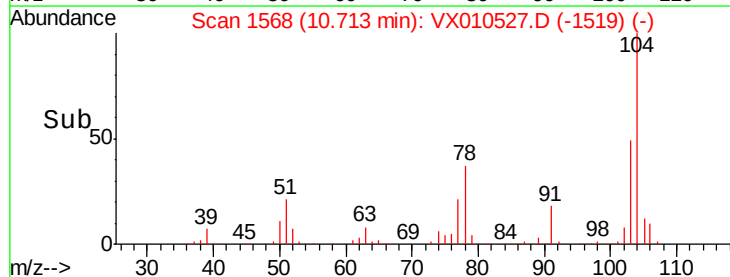
Tgt Ion:104 Resp: 146476
Ion Ratio Lower Upper
104 100
78 45.1 36.2 54.2
103 54.3 44.2 66.4

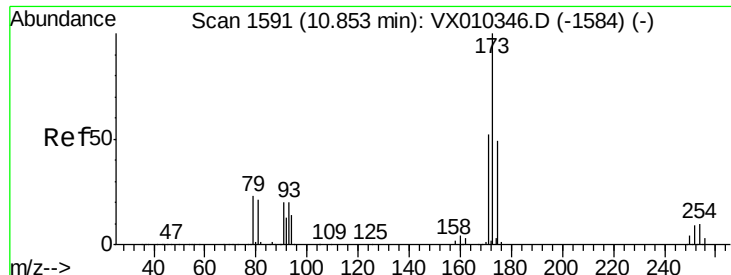


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 17.203 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

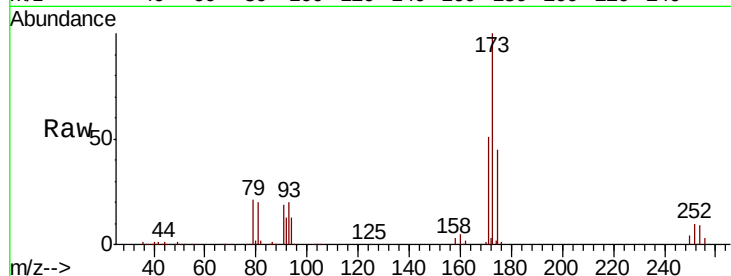
Tot Ion:173 Resp: 38544

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

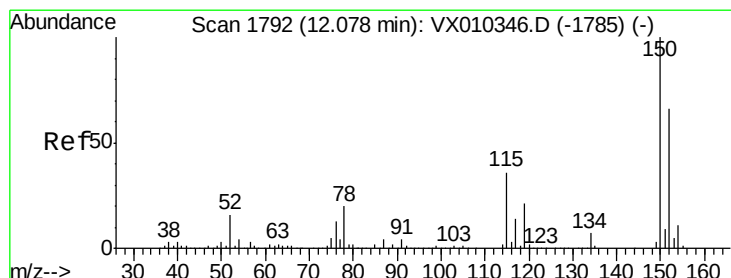
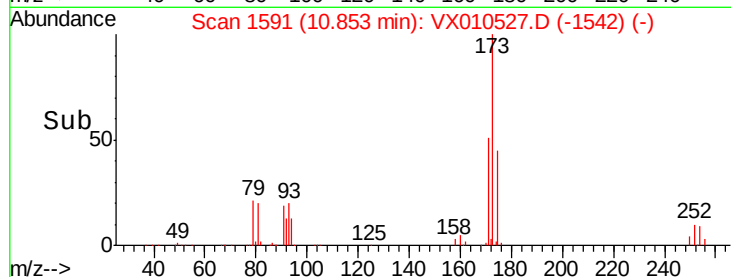
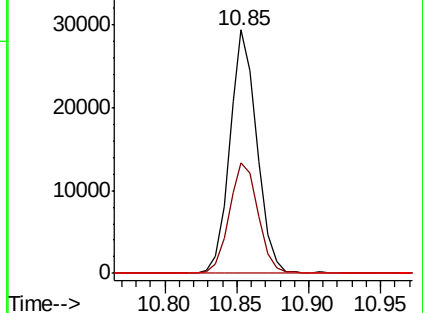
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

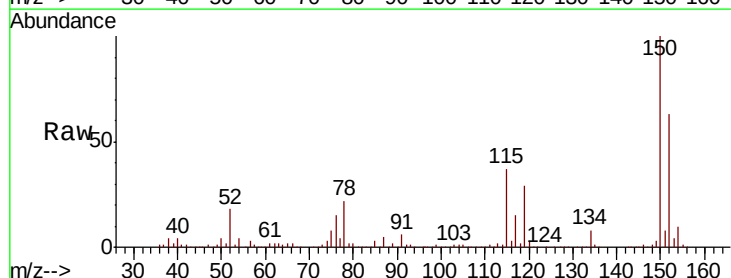
Tgt Ion:152 Resp: 180406

Ion Ratio Lower Upper

152 100

115 62.9 38.6 115.7

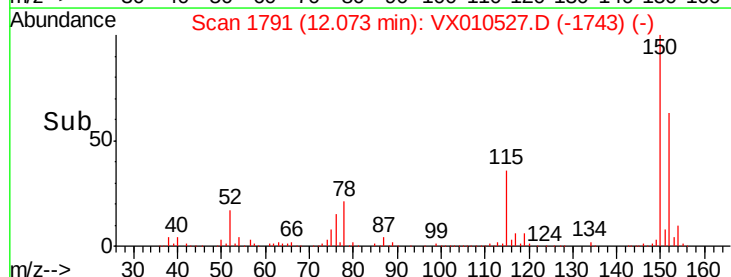
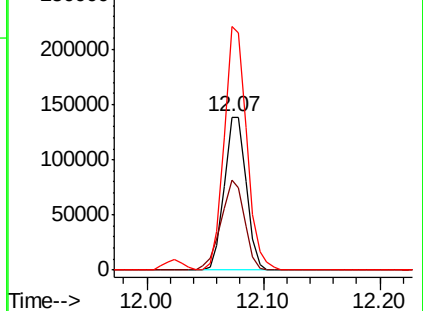
150 163.4 0.0 347.4

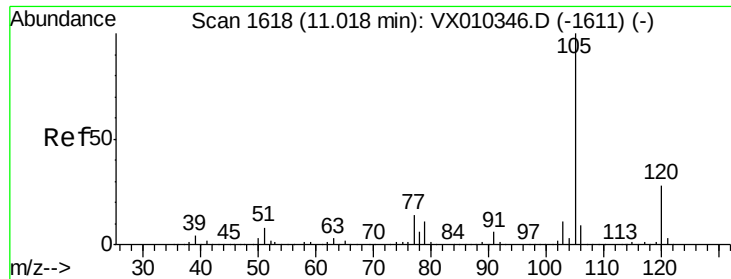


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.908 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

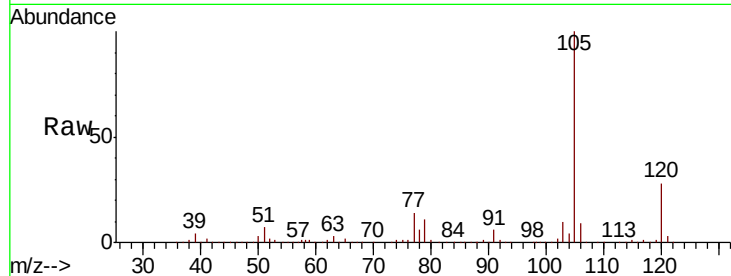
VX0628WBS01

Tot Ion:105 Resp: 231233

Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

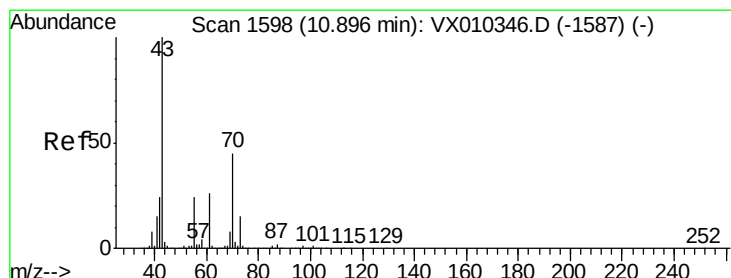
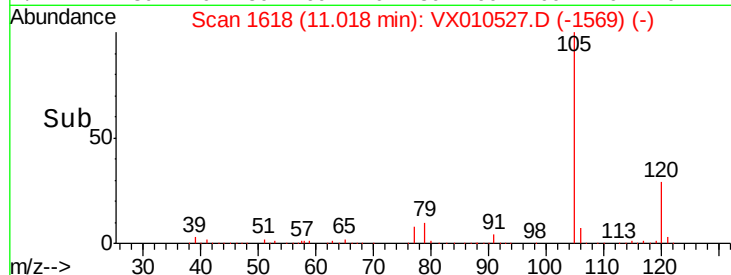
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.322 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Tgt Ion: 43 Resp: 84680

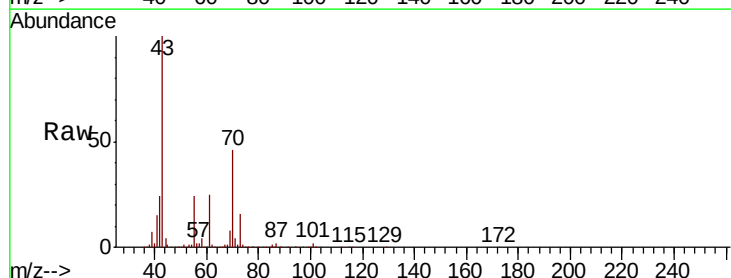
Ion Ratio Lower Upper

43 100

70 46.4 36.6 54.8

55 24.8 18.7 28.1

61 25.6 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

10.90

100000

80000

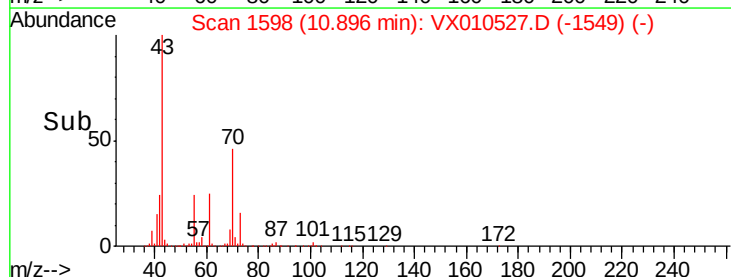
60000

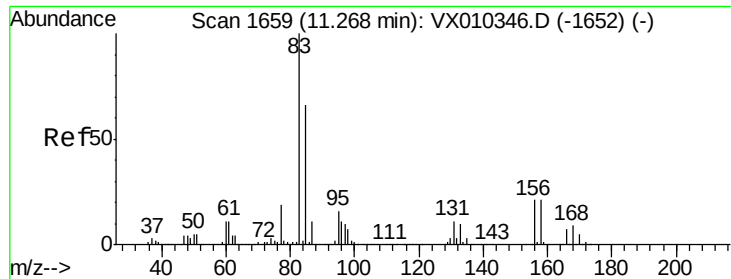
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.353 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

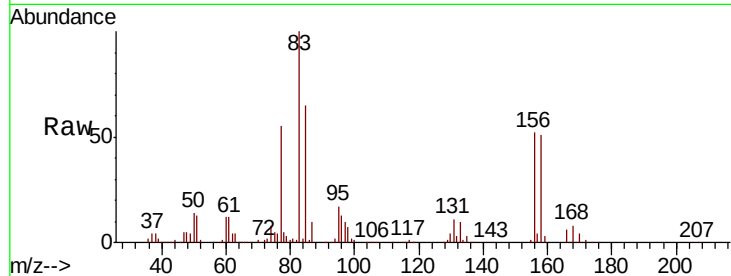
Tot Ion: 83 Resp: 74332

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

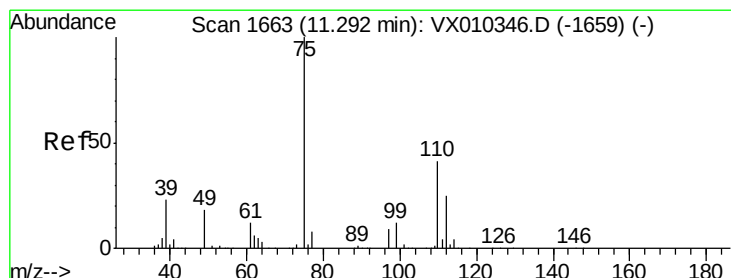
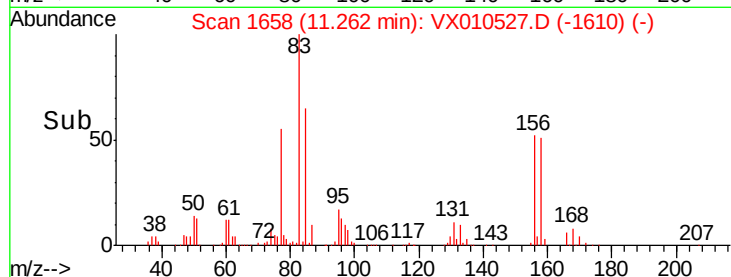
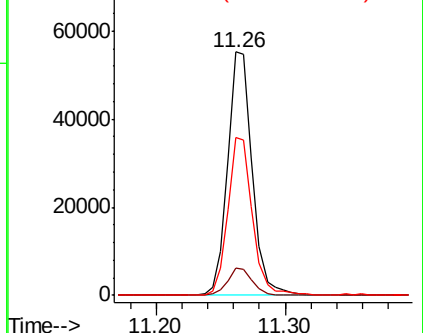
85 64.5 32.3 96.8



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: 23.958 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010527.D

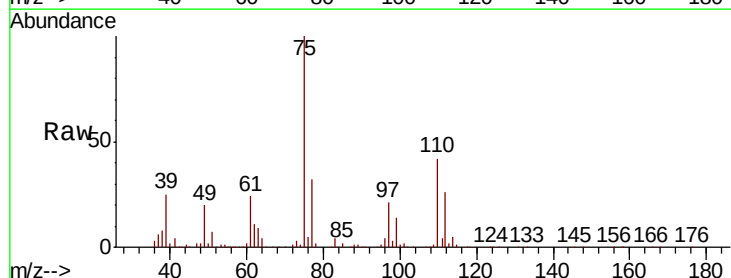
Acq: 28 Jun 2019 11:25

Tgt Ion: 75 Resp: 78761

Ion Ratio Lower Upper

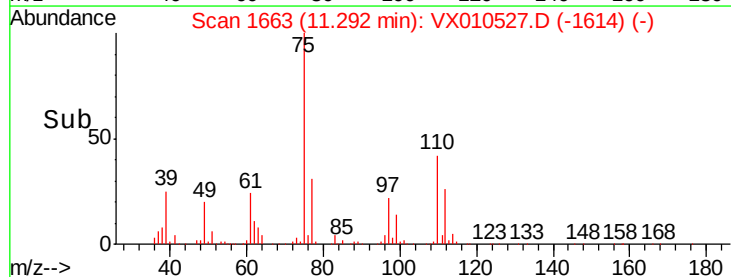
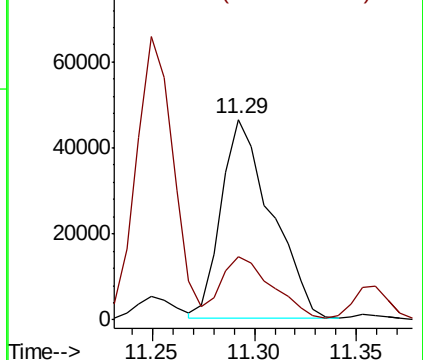
75 100

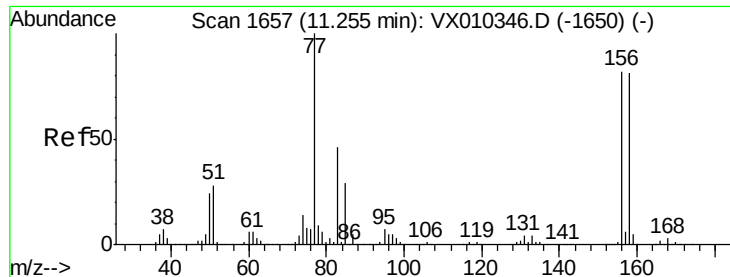
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.641 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

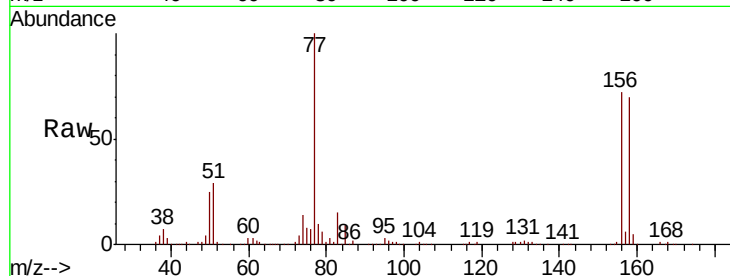
Tot Ion:156 Resp: 63655

Ion Ratio Lower Upper

156 100

77 130.9 66.3 198.7

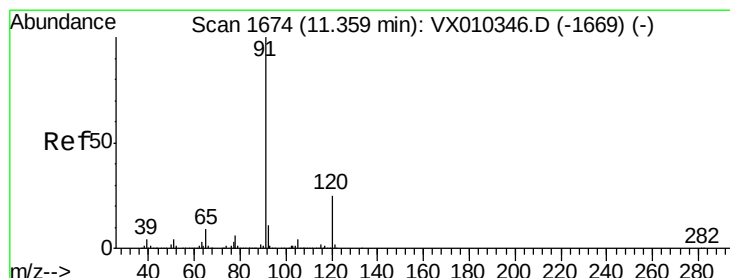
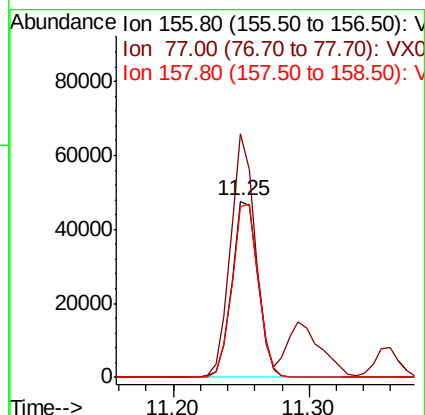
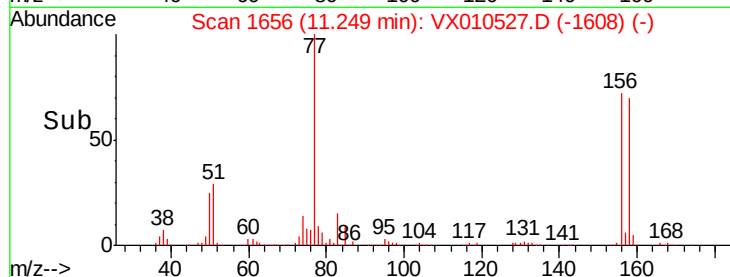
158 98.7 48.9 146.7



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: 19.072 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010527.D

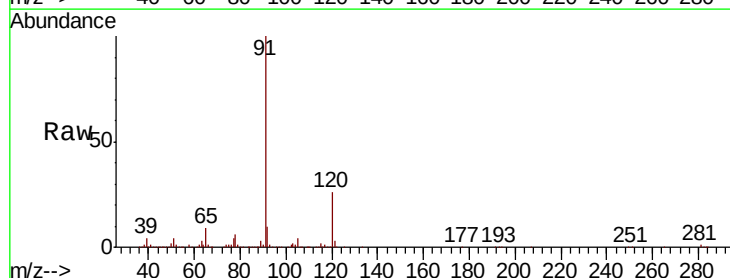
Acq: 28 Jun 2019 11:25

Tgt Ion: 91 Resp: 256336

Ion Ratio Lower Upper

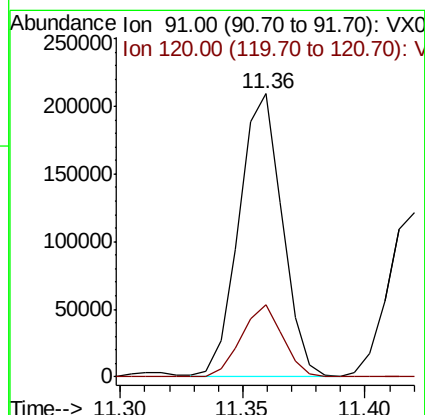
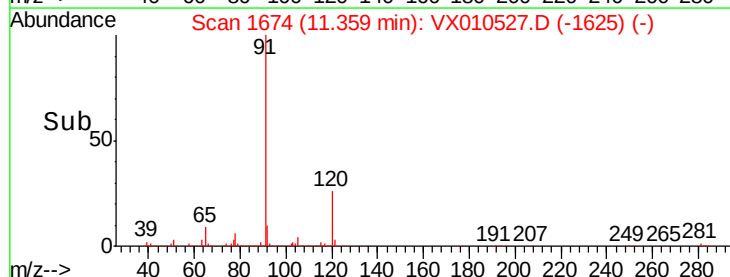
91 100

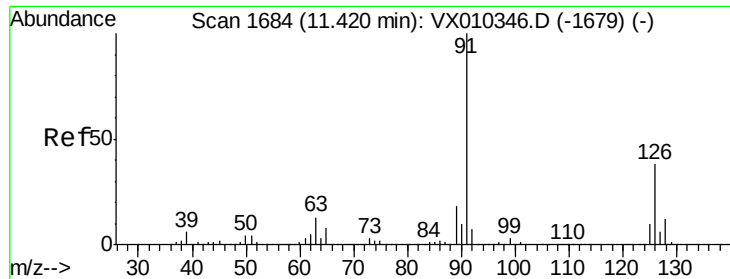
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

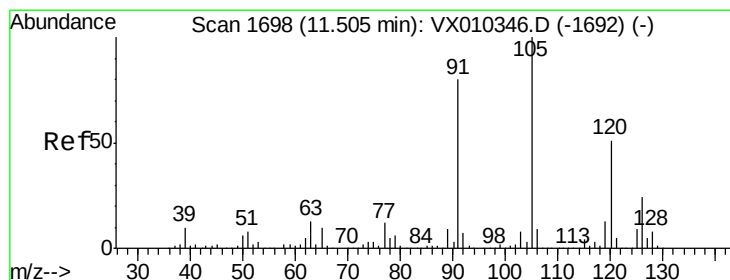
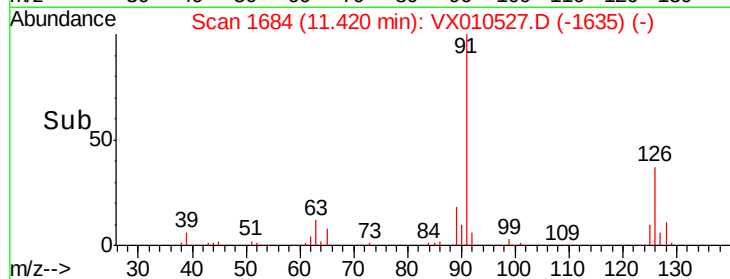
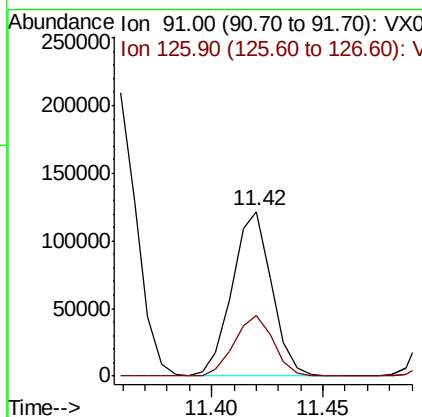
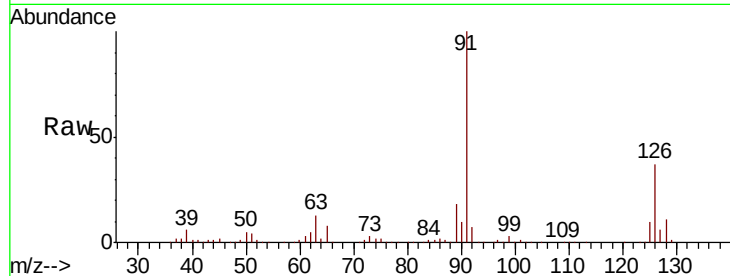




#79
 2-Chlorotoluene
 Concen: 18.712 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

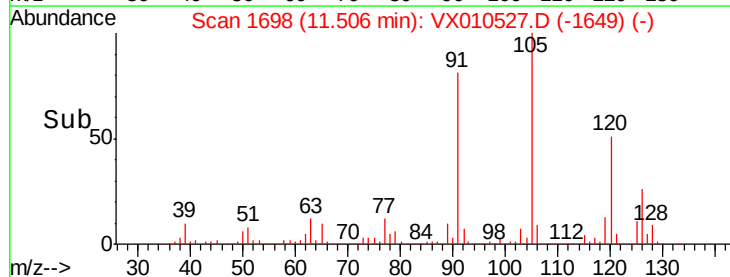
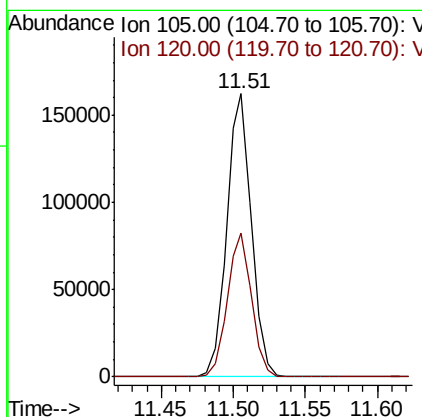
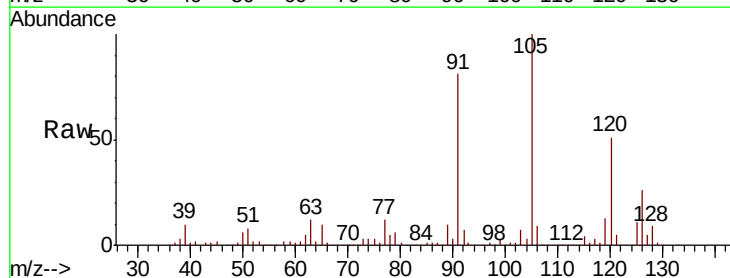
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

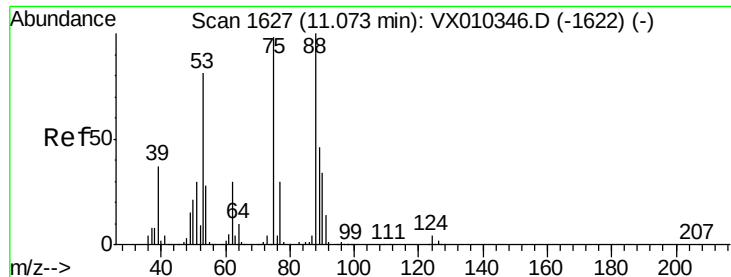
Tot Ion: 91 Resp: 149758
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.287 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion: 105 Resp: 194442
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 14.871 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

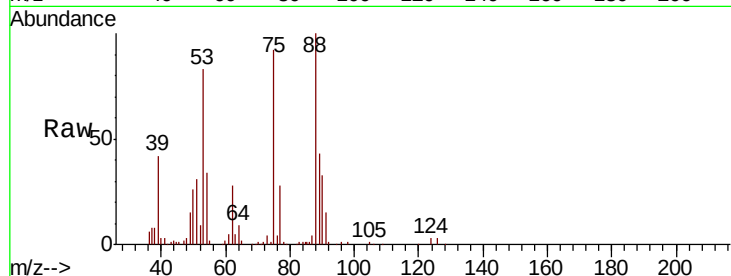
Tot Ion: 75 Resp: 20956

Ion Ratio Lower Upper

75 100

53 94.6 66.1 99.1

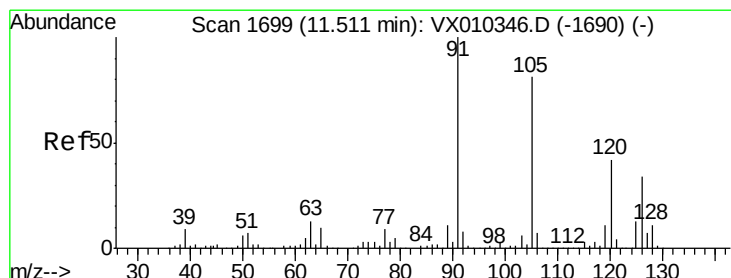
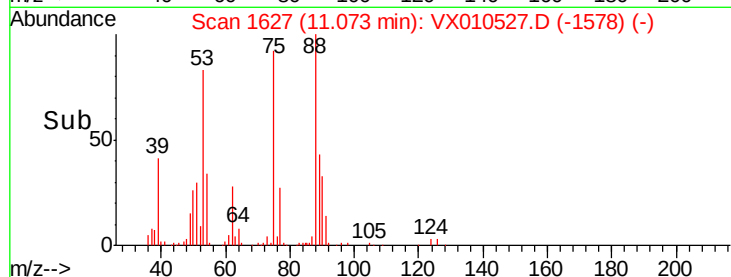
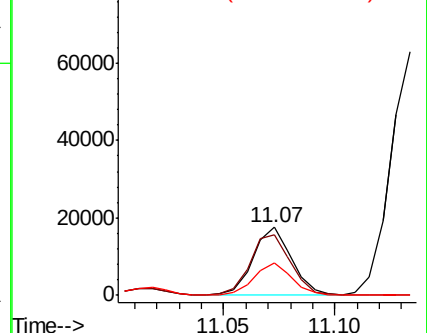
89 47.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.872 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010527.D

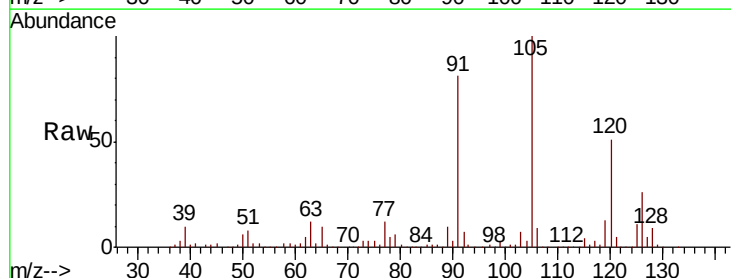
Acq: 28 Jun 2019 11:25

Tgt Ion: 91 Resp: 171869

Ion Ratio Lower Upper

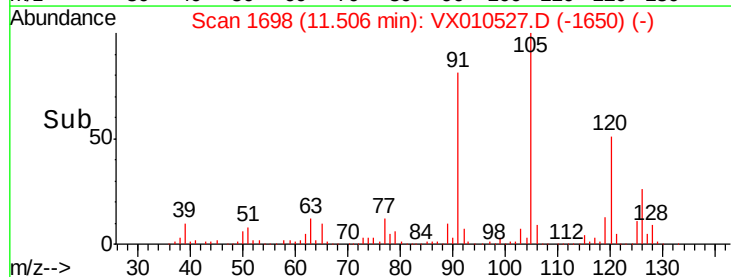
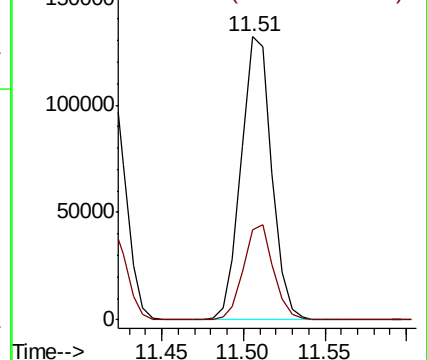
91 100

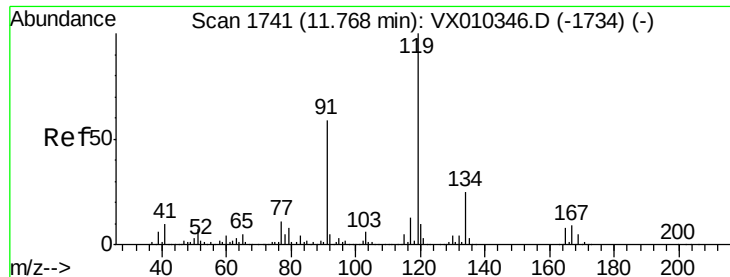
126 33.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.901 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS01

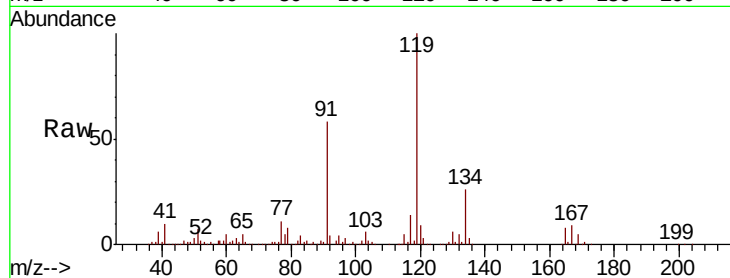
Tot Ion:119 Resp: 191259

Ion Ratio Lower Upper

119 100

91 55.5 27.6 82.7

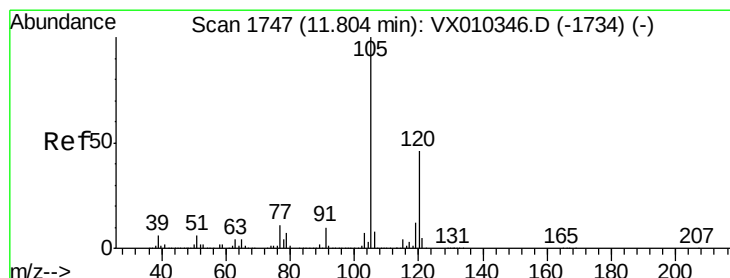
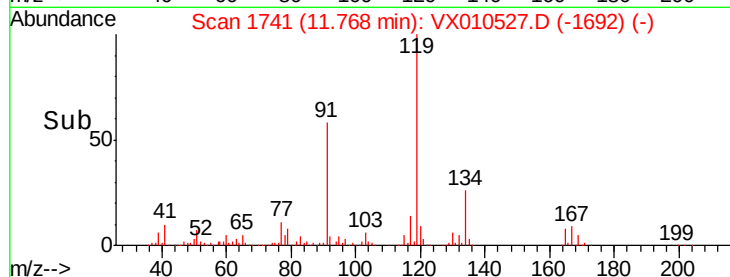
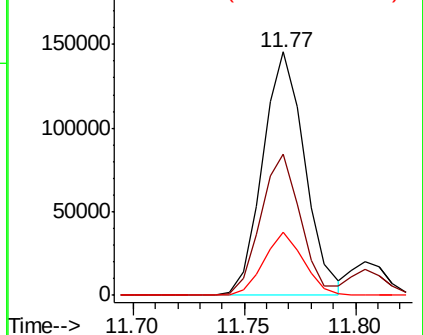
134 24.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.169 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010527.D

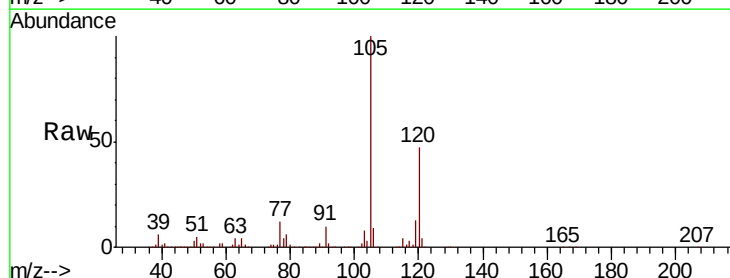
Acq: 28 Jun 2019 11:25

Tgt Ion:105 Resp: 194165

Ion Ratio Lower Upper

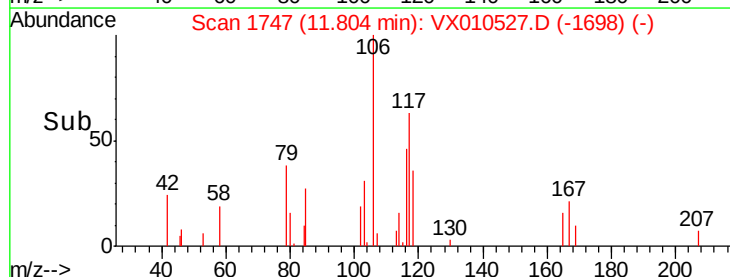
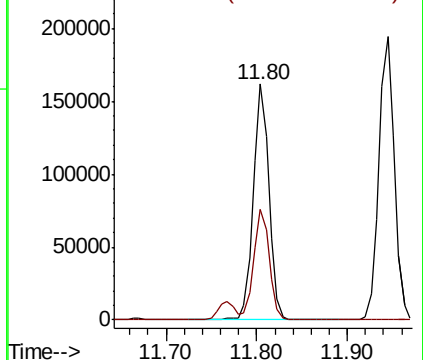
105 100

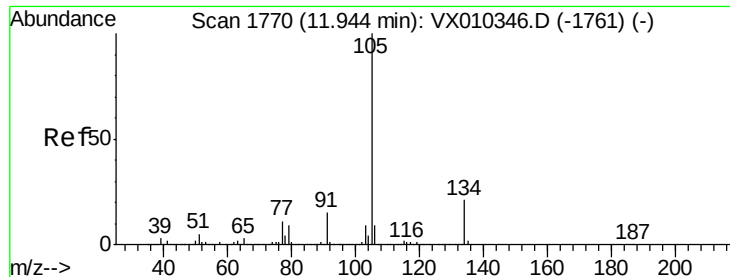
120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.334 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

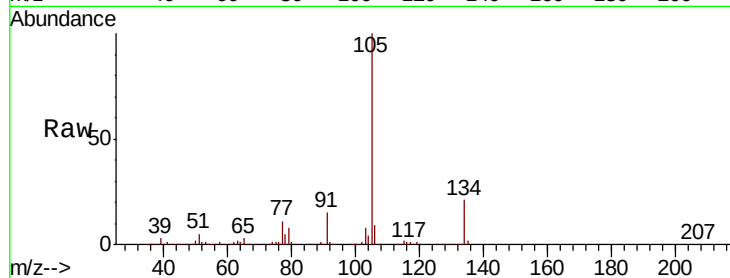
VX0628WBS01

Tot Ion:105 Resp: 229708

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

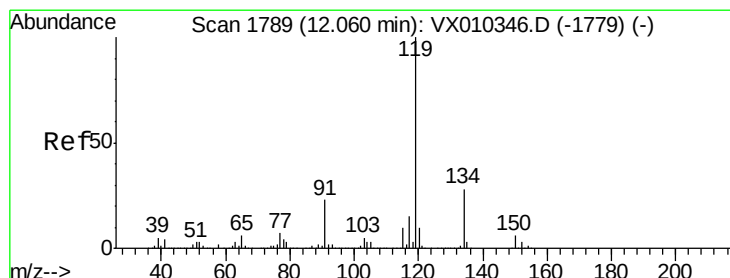
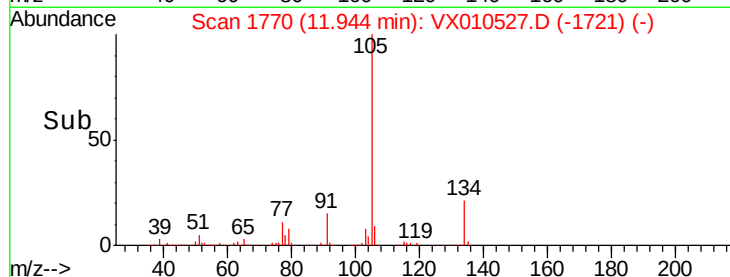
50000

0

11.94

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.461 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

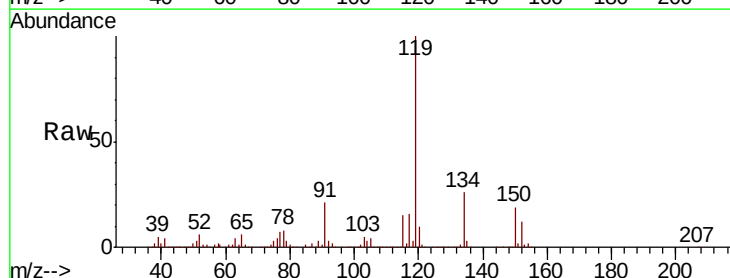
Tgt Ion:119 Resp: 213863

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 21.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

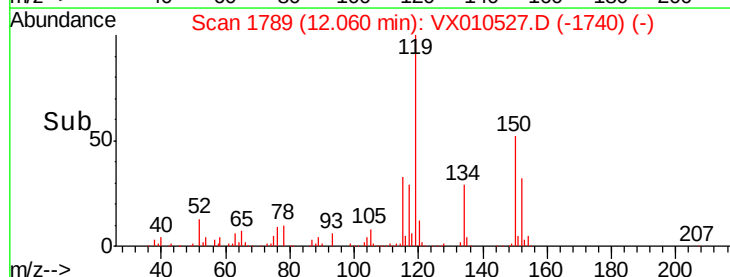
50000

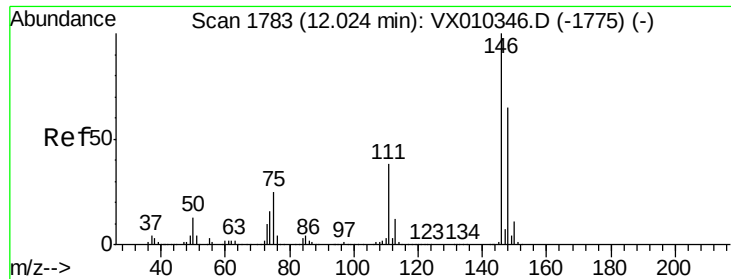
0

12.06

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.104 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

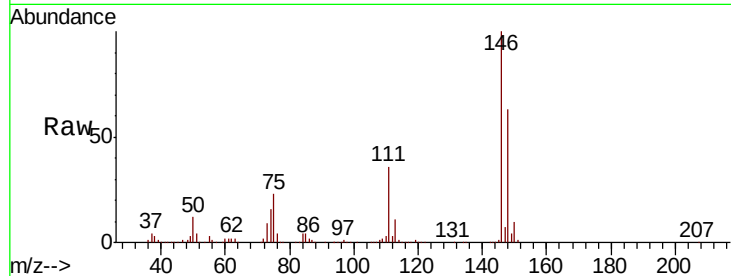
Tot Ion:146 Resp: 113874

Ion Ratio Lower Upper

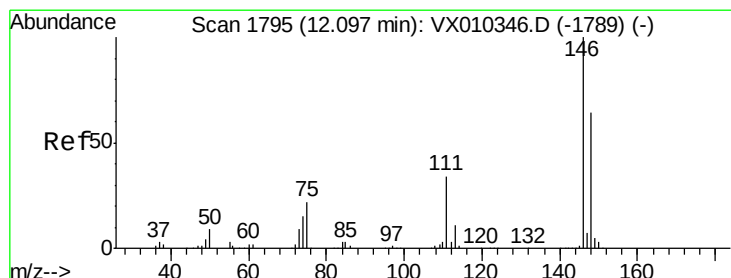
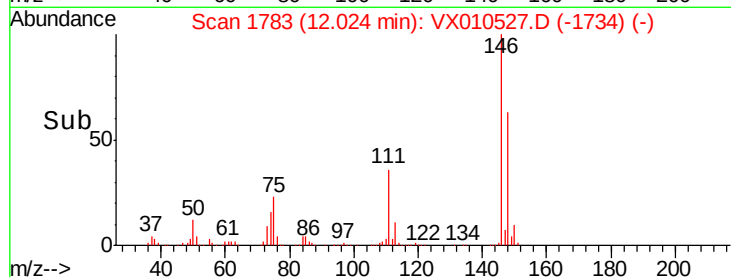
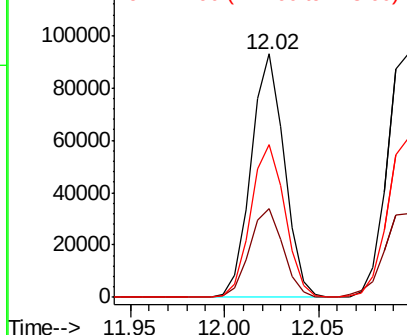
146 100

111 37.0 19.1 57.1

148 64.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.065 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

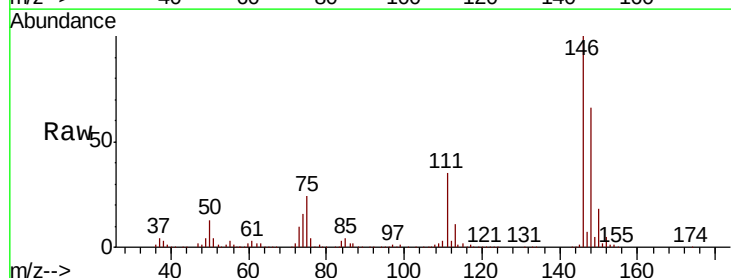
Tgt Ion:146 Resp: 115693

Ion Ratio Lower Upper

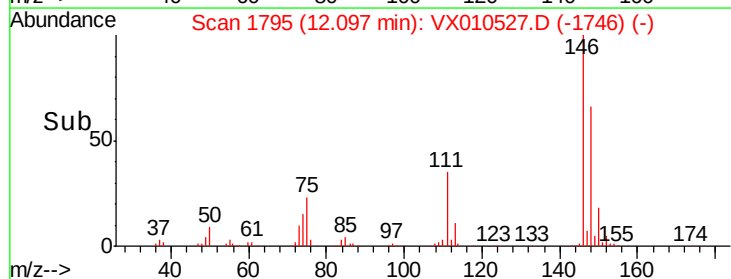
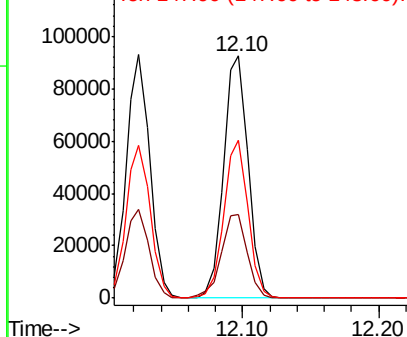
146 100

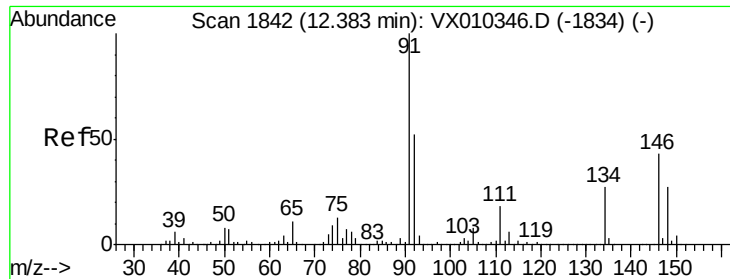
111 36.7 18.1 54.3

148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

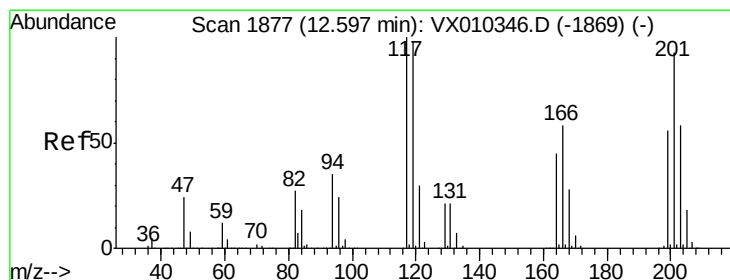
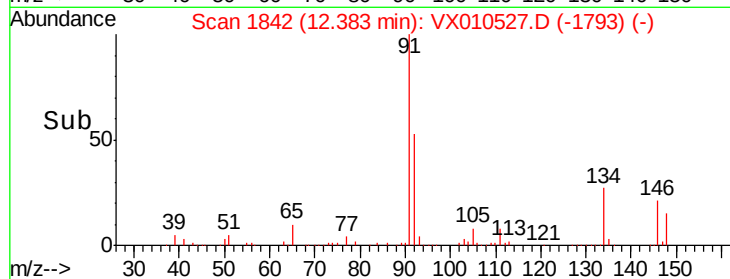
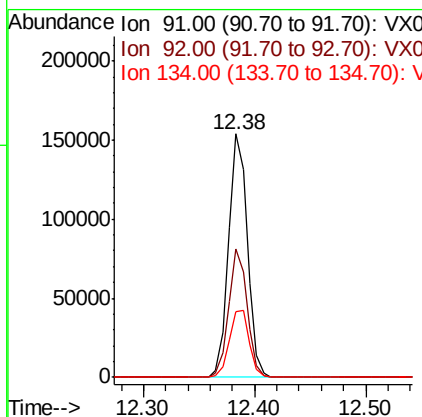
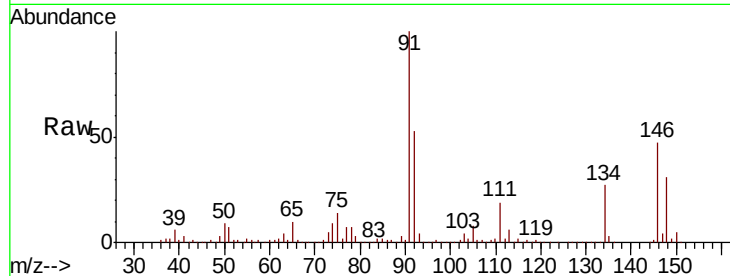




#89
n-Butylbenzene
Concen: 19.298 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

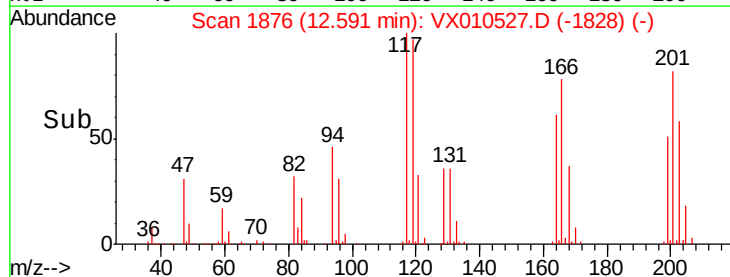
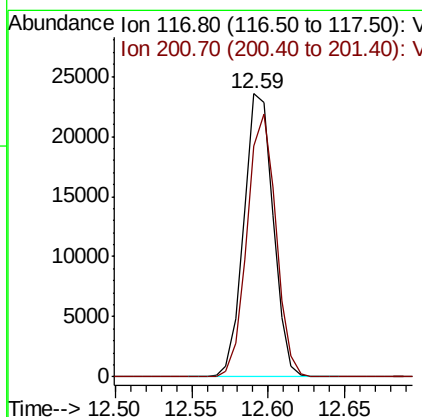
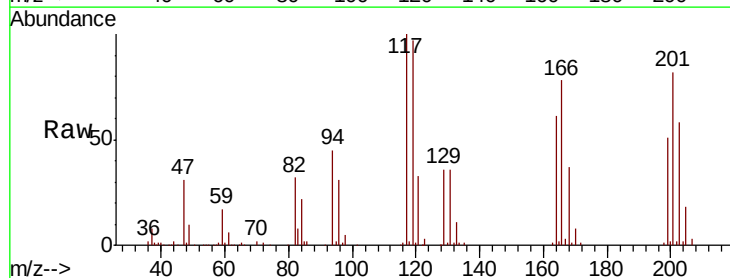
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

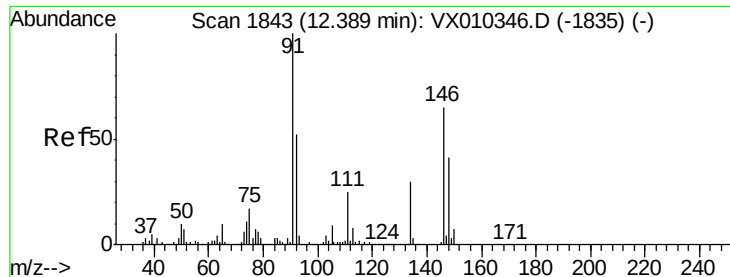
Tot Ion: 91 Resp: 180208
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 28.7 14.1 42.4



#90
Hexachloroethane
Concen: 16.555 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion: 117 Resp: 31458
Ion Ratio Lower Upper
117 100
201 91.0 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 19.129 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

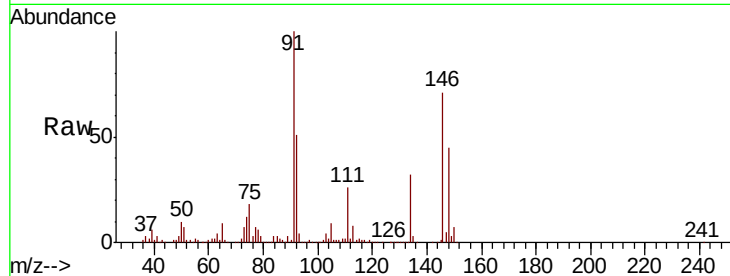
Tot Ion:146 Resp: 113324

Ion Ratio Lower Upper

146 100

111 38.5 19.2 57.6

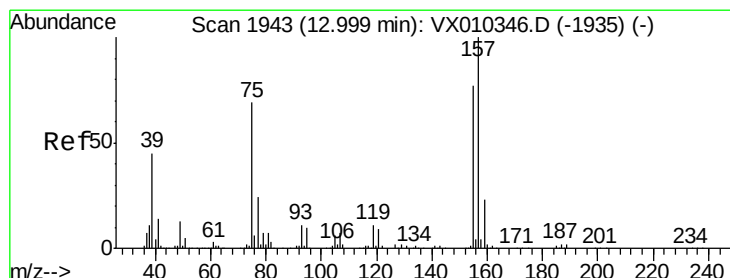
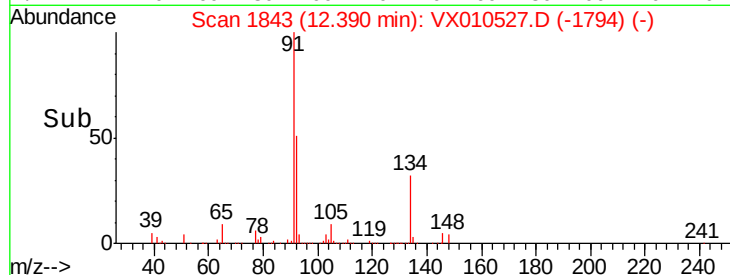
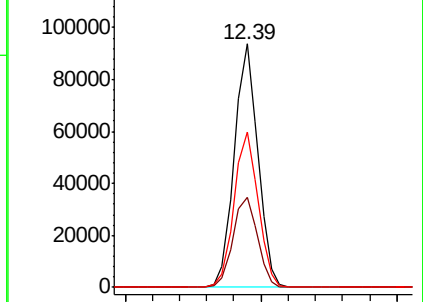
148 64.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.572 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010527.D

Acq: 28 Jun 2019 11:25

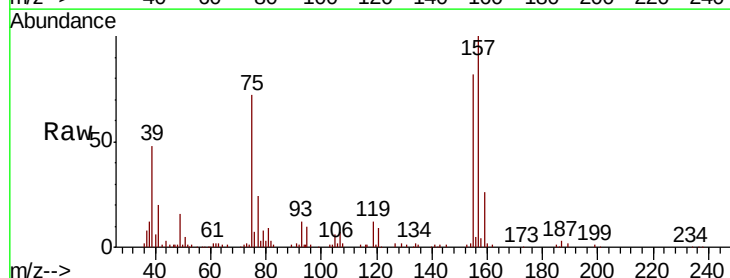
Tgt Ion: 75 Resp: 14471

Ion Ratio Lower Upper

75 100

155 106.9 54.4 163.1

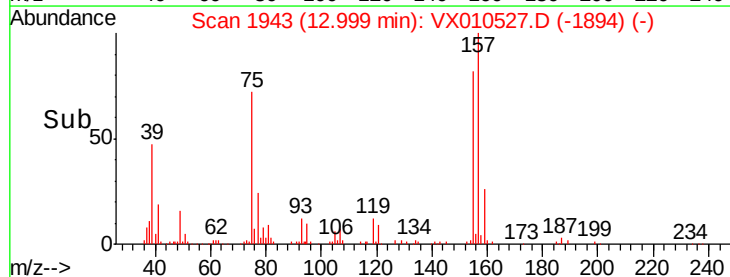
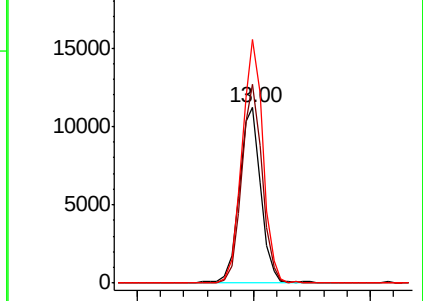
157 135.1 69.5 208.3

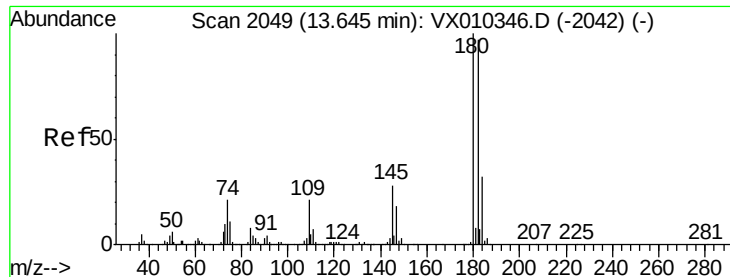


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

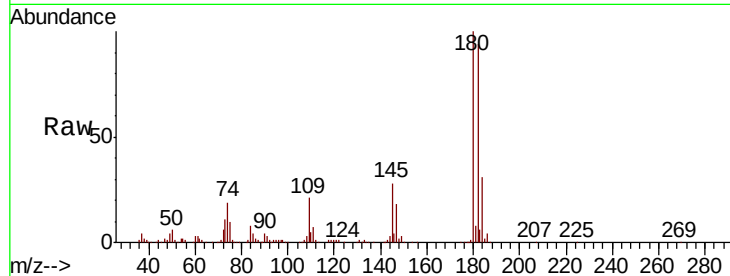




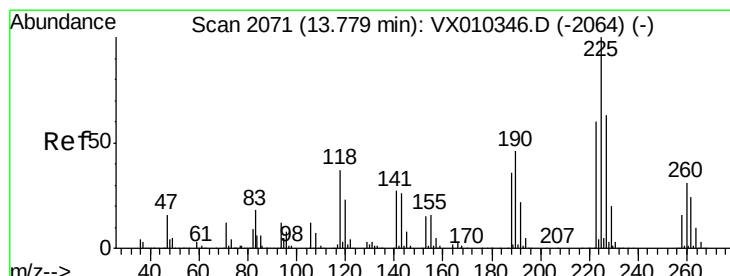
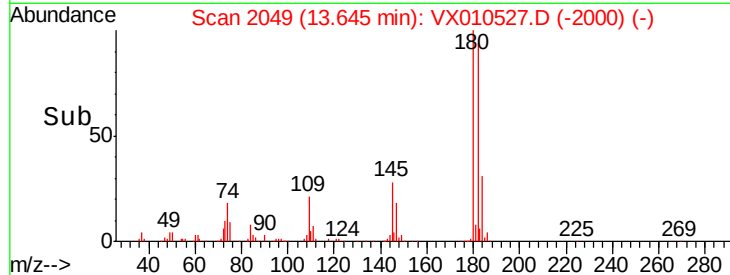
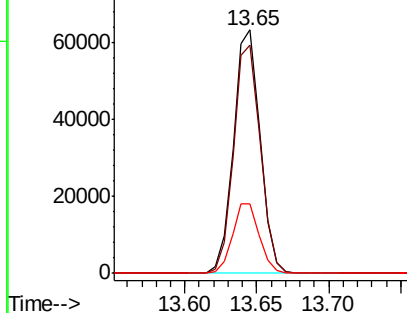
#93
 1,2,4-Trichlorobenzene
 Concen: 19.927 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.0
145	29.0	14.4	43.4

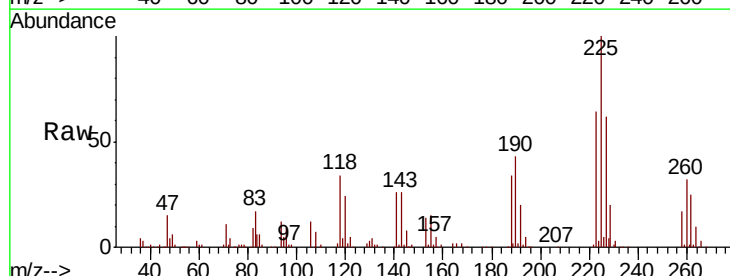


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

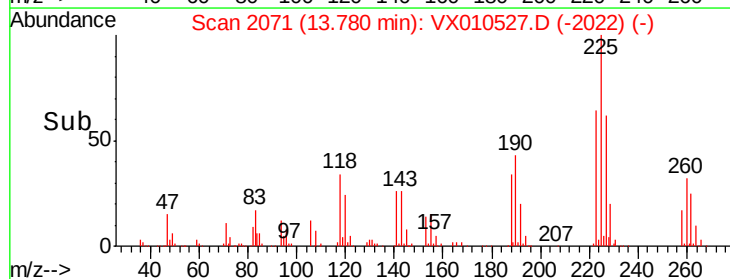
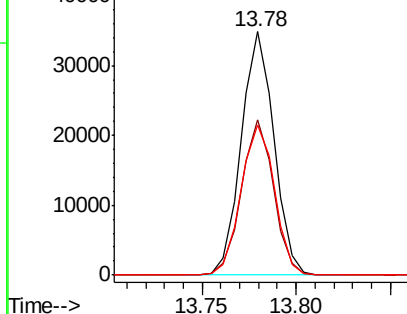


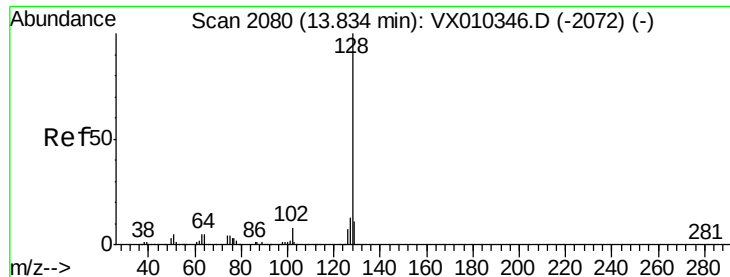
#94
 Hexachlorobutadiene
 Concen: 20.903 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010527.D
 Acq: 28 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	63.2	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

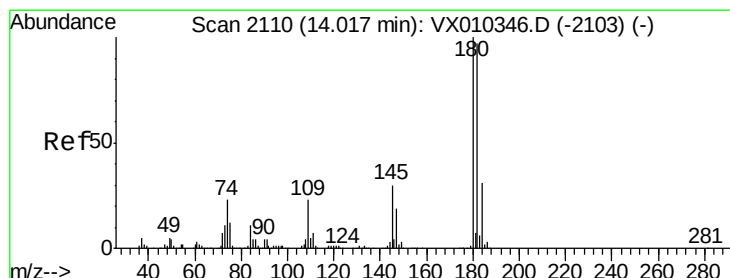
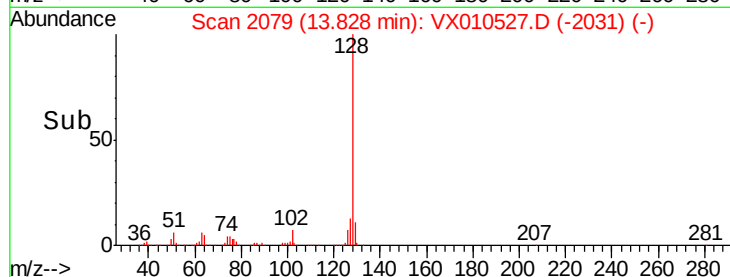
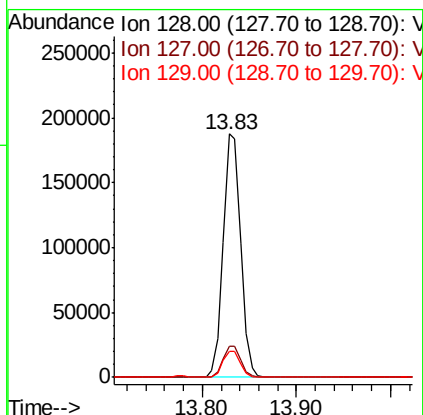
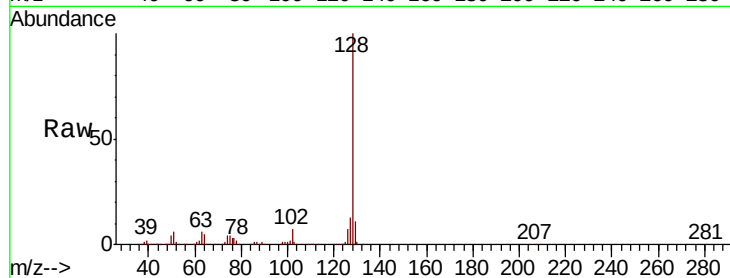




#95
Naphthalene
Concen: 19.090 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tot Ion:128 Resp: 241012
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.133 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010527.D
Acq: 28 Jun 2019 11:25

Tgt Ion:180 Resp: 82239
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 30.3 15.2 45.6

