

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017015.D
 Acq On : 29 Jun 2020 18:32
 Operator : JC/SP
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Quant Time: Jun 30 05:30:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	479277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185862	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.46	113	150789	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.70	98	558107	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.12	95	216887	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	57572	20.113	ug/l	95
3) Chloromethane	1.32	50	67352	19.439	ug/l	99
4) Vinyl Chloride	1.39	62	64090	19.937	ug/l	96
5) Bromomethane	1.63	94	41965	24.709	ug/l	100
6) Chloroethane	1.72	64	36159	19.045	ug/l	98
7) Trichlorofluoromethane	1.92	101	90097	18.951	ug/l	100
8) Diethyl Ether	2.17	74	33121	20.919	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55296	19.406	ug/l	97
10) Methyl Iodide	2.50	142	66550	18.100	ug/l	99
11) Tert butyl alcohol	3.01	59	72723	104.512	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56381	19.261	ug/l	96
13) Acrolein	2.27	56	35721	85.877	ug/l	97
14) Allyl chloride	2.71	41	103021	19.044	ug/l	99
15) Acrylonitrile	3.12	53	166020	99.249	ug/l	100
16) Acetone	2.42	43	138978	101.853	ug/l	96
17) Carbon Disulfide	2.55	76	171187	20.970	ug/l	100
18) Methyl Acetate	2.75	43	71560	20.090	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	192436	19.588	ug/l	100
20) Methylene Chloride	2.84	84	66828	20.899	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	64326	19.802	ug/l	98
22) Diisopropyl ether	3.82	45	205537	20.528	ug/l	96
23) Vinyl Acetate	3.79	43	885502	102.919	ug/l	99
24) 1,1-Dichloroethane	3.67	63	112386	19.727	ug/l	99
25) 2-Butanone	4.64	43	228577	100.535	ug/l	99
26) 2,2-Dichloropropane	4.55	77	97286	19.232	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	71426	19.405	ug/l	100
28) Bromochloromethane	4.98	49	52834	19.058	ug/l	97
29) Tetrahydrofuran	5.09	42	156854	104.415	ug/l	98
30) Chloroform	5.18	83	114668	19.635	ug/l	97
31) Cyclohexane	5.55	56	100122	20.332	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	104692	19.465	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85995	18.985	ug/l	98
37) Ethyl Acetate	4.79	43	90419	19.674	ug/l	98
38) Carbon Tetrachloride	5.76	117	96084	19.258	ug/l	99

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Instrument :
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 ClientSampleId :
 VX0629WBSD01

Quant Time: Jun 30 05:30:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95415	18.932	ug/l	99
40) Benzene	6.11	78	255691	19.212	ug/l	100
41) Methacrylonitrile	5.01	41	51688	19.982	ug/l	98
42) 1,2-Dichloroethane	6.17	62	92733	19.290	ug/l	99
43) Isopropyl Acetate	6.42	43	146652	19.203	ug/l	99
44) Trichloroethene	7.19	130	72437	19.535	ug/l	96
45) 1,2-Dichloropropane	7.49	63	65829	19.257	ug/l	100
46) Dibromomethane	7.64	93	44166	18.925	ug/l	99
47) Bromodichloromethane	7.88	83	92374	19.207	ug/l	98
48) Methyl methacrylate	7.75	41	69984	19.288	ug/l	98
49) 1,4-Dioxane	7.71	88	33860	411.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	454421	99.819	ug/l	99
52) Toluene	8.76	92	160490	19.314	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	100748	18.986	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	108620	19.095	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65893	19.409	ug/l	99
56) Ethyl methacrylate	9.16	69	95428	19.748	ug/l	99
57) 1,3-Dichloropropane	9.35	76	111369	19.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	237342	98.689	ug/l	99
59) 2-Hexanone	9.47	43	336760	101.287	ug/l	99
60) Dibromochloromethane	9.57	129	74113	18.795	ug/l	99
61) 1,2-Dibromoethane	9.65	107	69762	19.117	ug/l	99
64) Tetrachloroethene	9.32	164	67270	18.599	ug/l	96
65) Chlorobenzene	10.12	112	173755	18.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67436	18.918	ug/l	98
67) Ethyl Benzene	10.23	91	299856	19.413	ug/l	98
68) m/p-Xylenes	10.34	106	231751	39.075	ug/l	100
69) o-Xylene	10.68	106	109918	19.482	ug/l	100
70) Styrene	10.70	104	188380	19.607	ug/l	99
71) Bromoform	10.84	173	53281	18.849	ug/l #	99
73) Isopropylbenzene	11.00	105	298572	19.825	ug/l	100
74) N-amyl acetate	10.88	43	128253	19.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93779	19.796	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	115401	25.524	ug/l	87
77) Bromobenzene	11.24	156	75811	18.316	ug/l	94
78) n-propylbenzene	11.34	91	336627	19.766	ug/l	99
79) 2-Chlorotoluene	11.40	91	200950	19.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	246476	19.731	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	32898	18.843	ug/l	95
82) 4-Chlorotoluene	11.49	91	242004	19.641	ug/l	100
83) tert-Butylbenzene	11.76	119	237213	19.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	251322	19.831	ug/l	100
85) sec-Butylbenzene	11.93	105	280314	19.446	ug/l	99
86) p-Isopropyltoluene	12.05	119	265105	19.756	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	142320	18.932	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	141780	19.884	ug/l	99
89) n-Butylbenzene	12.37	91	225632	18.831	ug/l	99
90) Hexachloroethane	12.58	117	50420	19.053	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	134295	19.112	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21434	18.966	ug/l	95

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 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86989	18.137	ug/l	99
94) Hexachlorobutadiene	13.77	225	35488	20.011	ug/l	98
95) Naphthalene	13.82	128	285043	19.549	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	87072	18.759	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

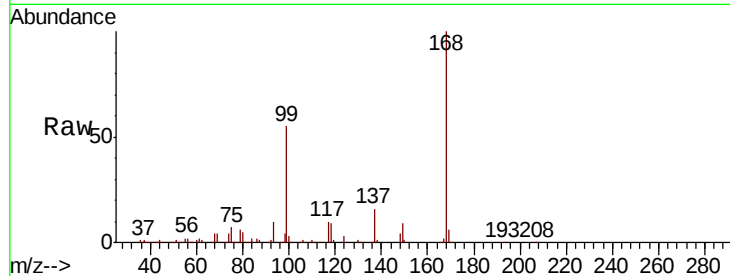
VX0629WBSD01

Tot Ion:168 Resp: 295871

Ion Ratio Lower Upper

168 100

99 55.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

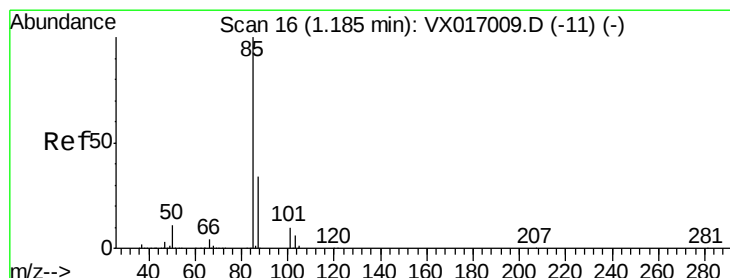
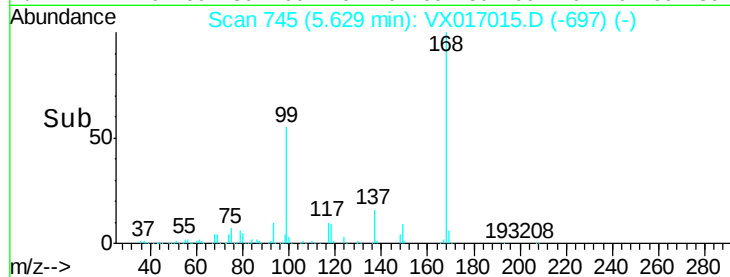
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.113 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017015.D

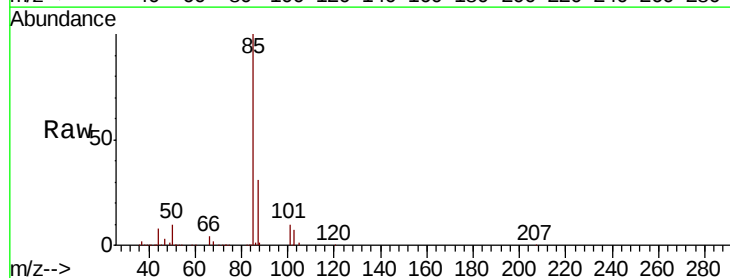
Acq: 29 Jun 2020 18:32

Tgt Ion: 85 Resp: 57572

Ion Ratio Lower Upper

85 100

87 30.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

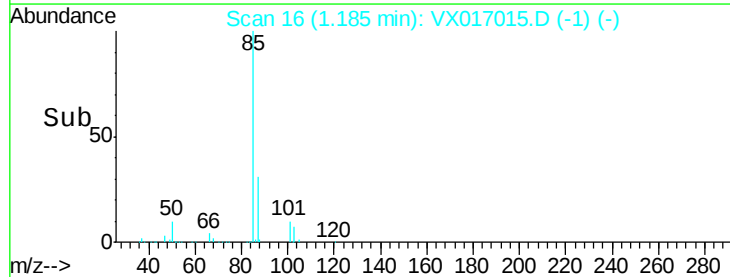
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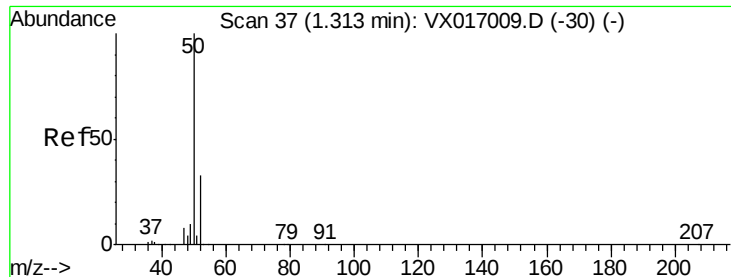
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.439 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

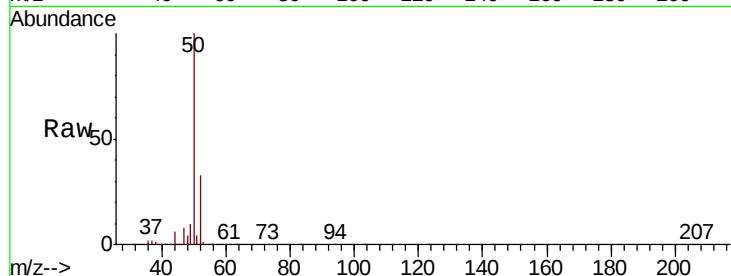
VX0629WBSD01

Tot Ion: 50 Resp: 67352

Ion Ratio Lower Upper

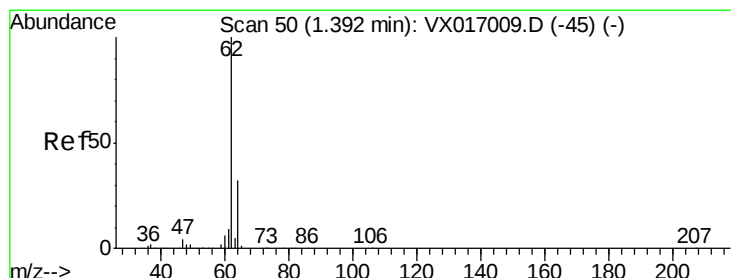
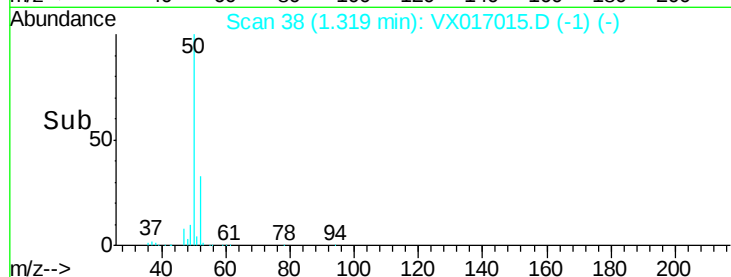
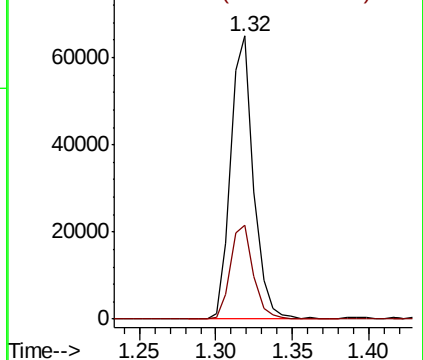
50 100

52 33.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.937 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017015.D

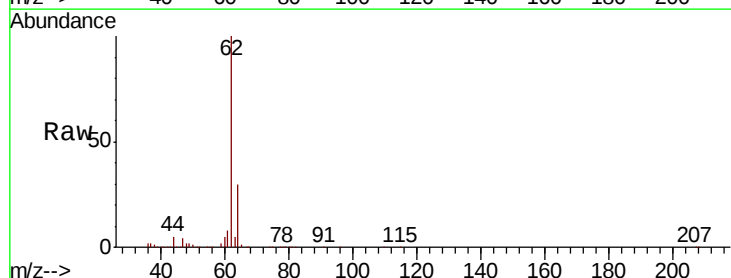
Acq: 29 Jun 2020 18:32

Tgt Ion: 62 Resp: 64090

Ion Ratio Lower Upper

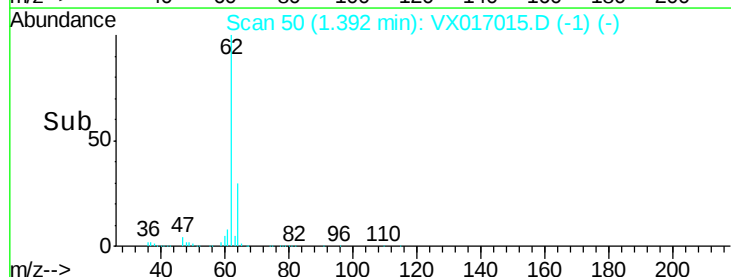
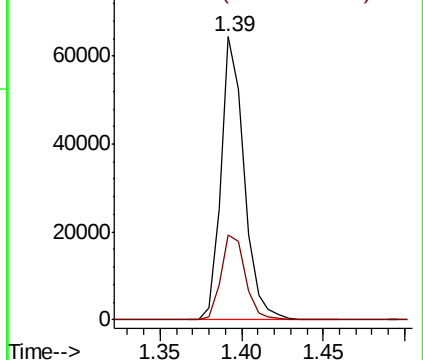
62 100

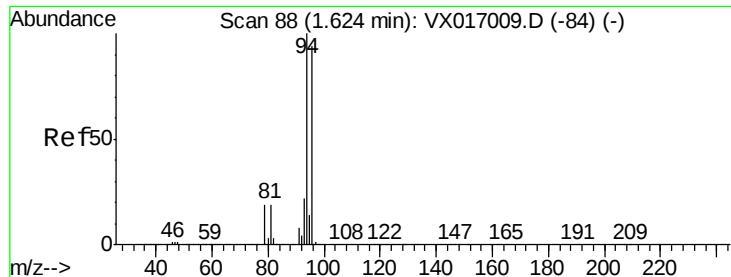
64 30.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.709 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

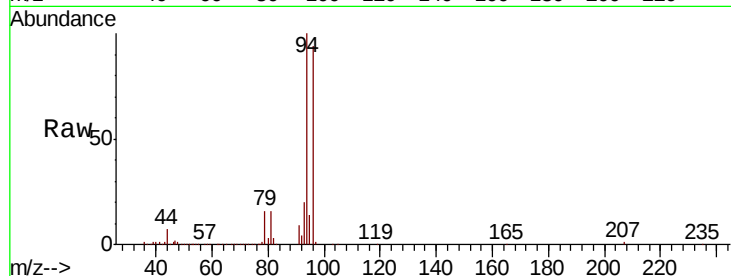
VX0629WBSD01

Tot Ion: 94 Resp: 41965

Ion Ratio Lower Upper

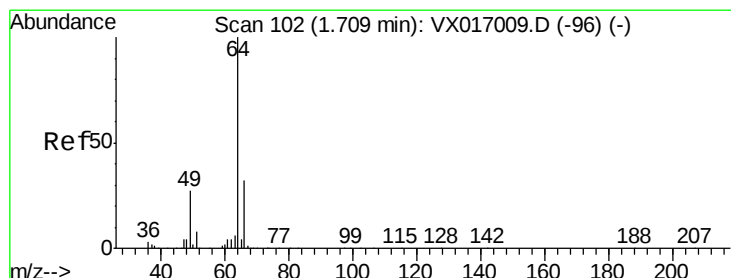
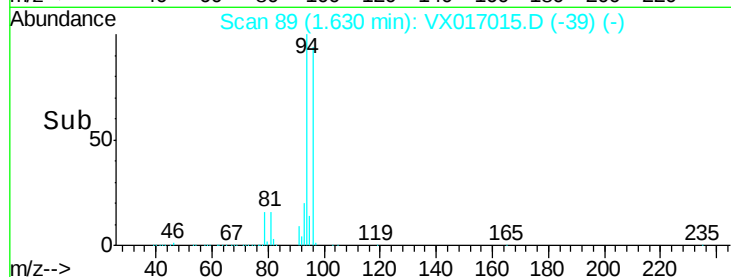
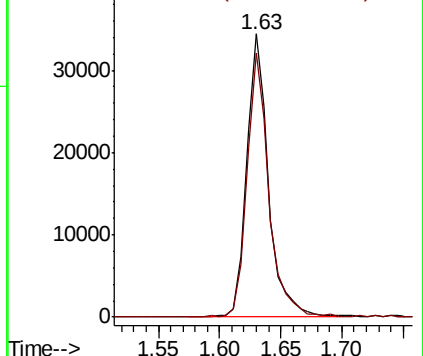
94 100

96 93.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.045 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017015.D

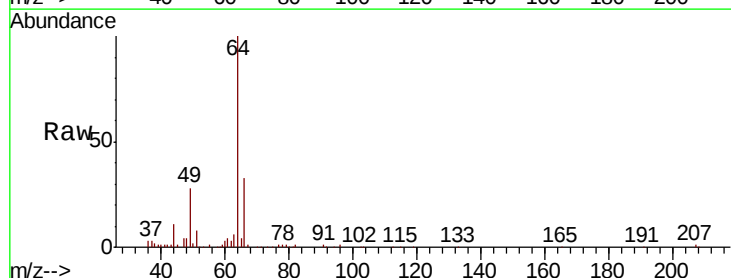
Acq: 29 Jun 2020 18:32

Tgt Ion: 64 Resp: 36159

Ion Ratio Lower Upper

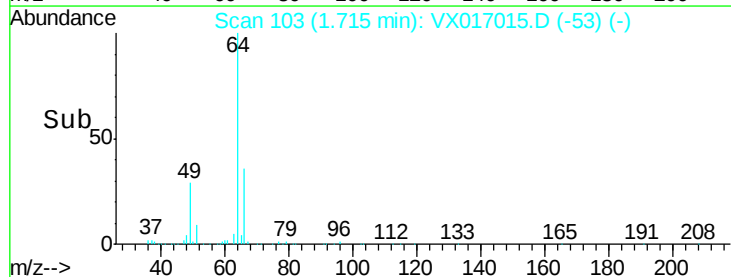
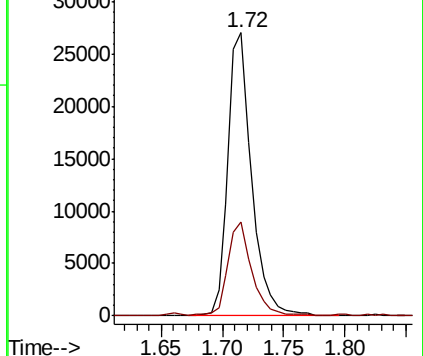
64 100

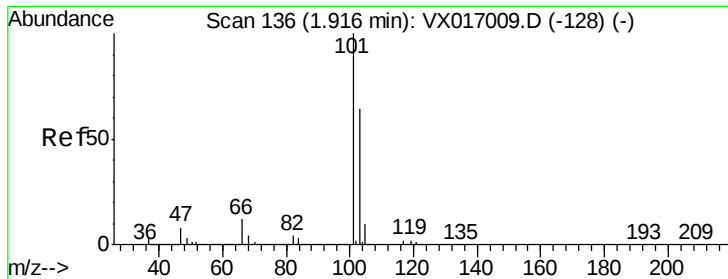
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



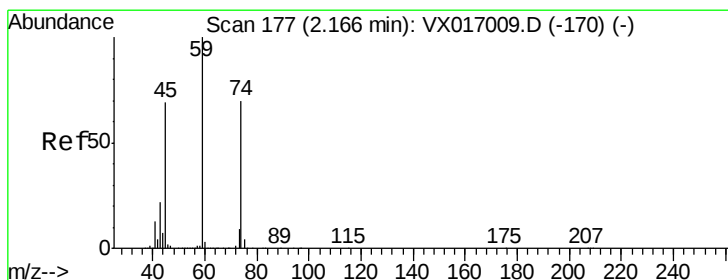
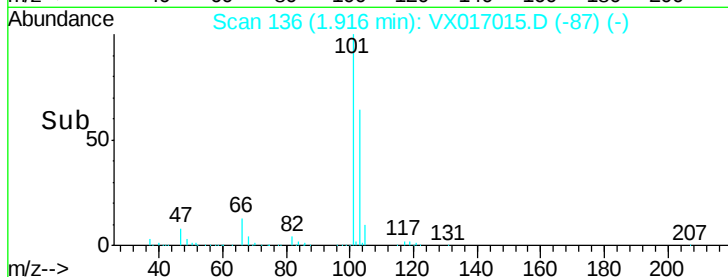
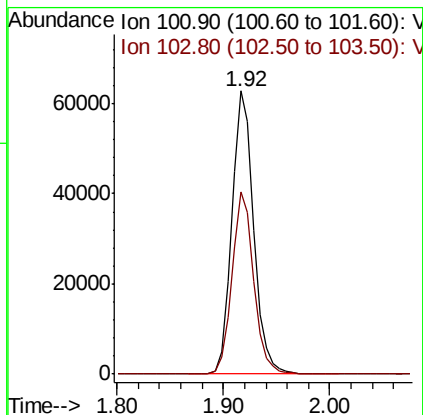
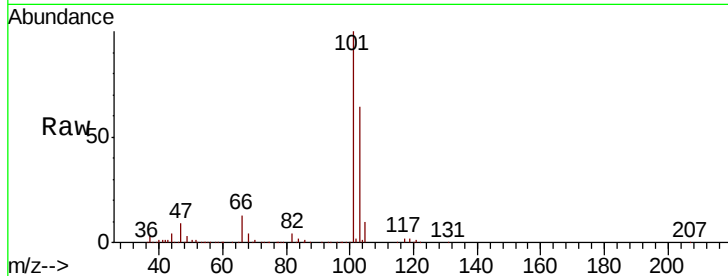


#7

Trichlorofluoromethane
 Concen: 18.951 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

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 VX0629WBSD01

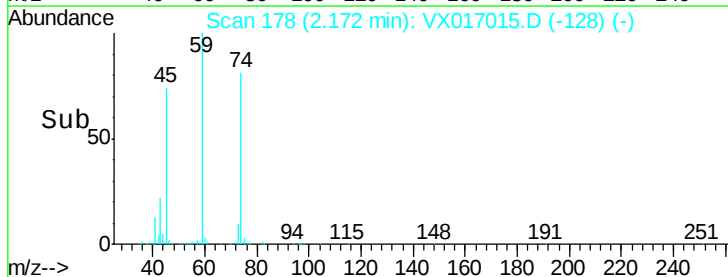
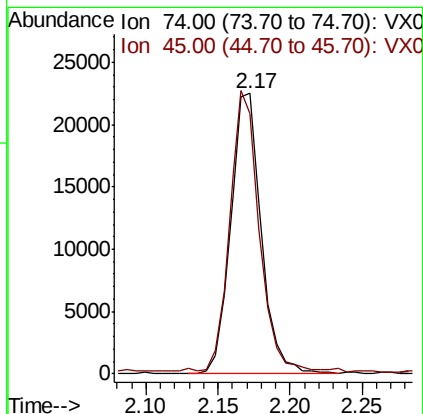
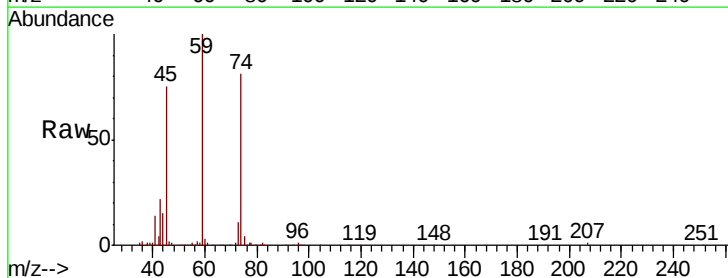
Tot Ion:101 Resp: 90097
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

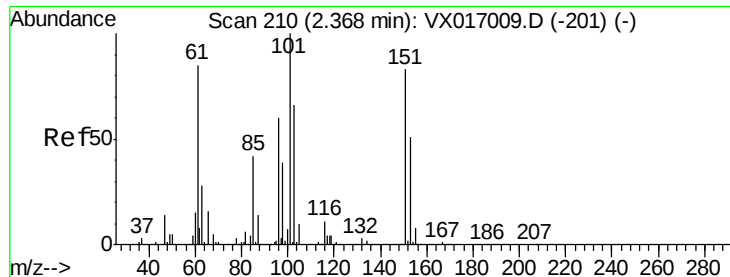


#8

Diethyl Ether
 Concen: 20.919 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 74 Resp: 33121
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.8 149.3

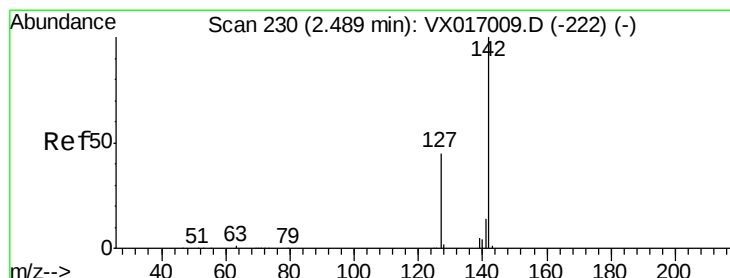
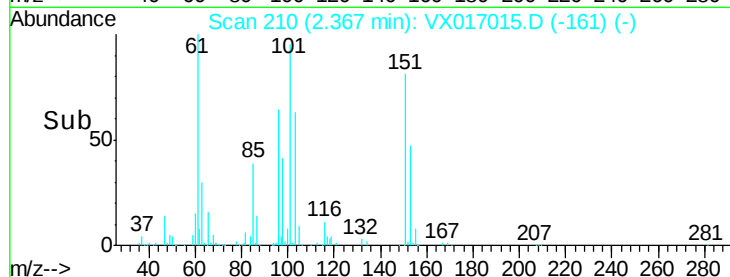
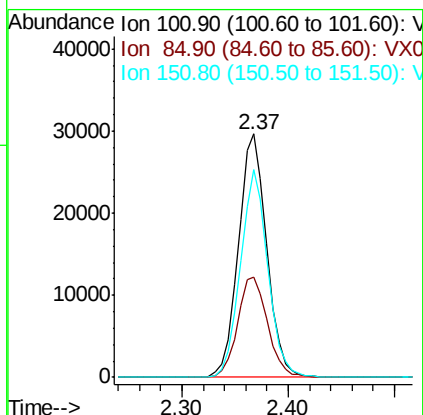
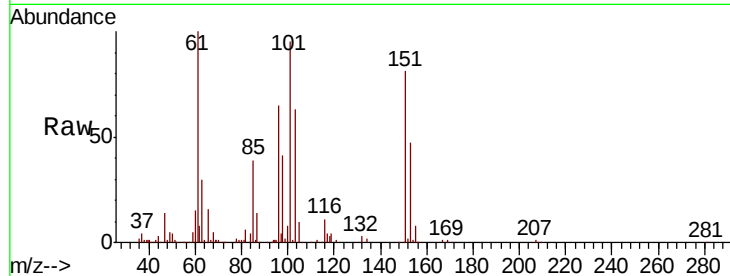




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.406 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX017015.D
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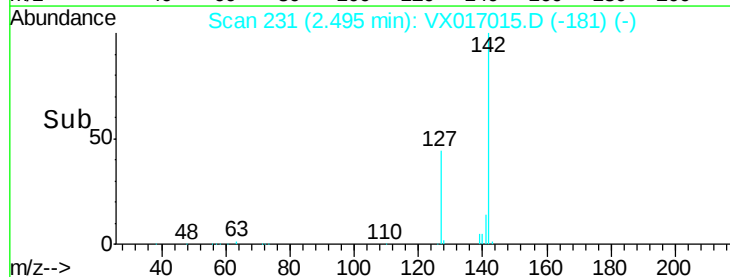
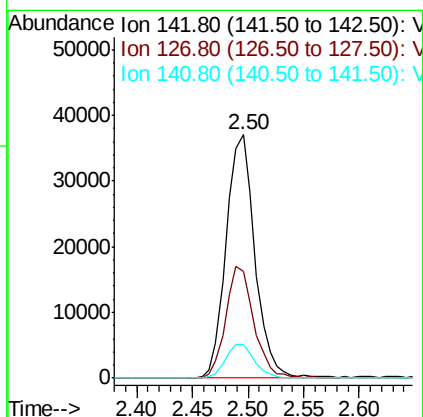
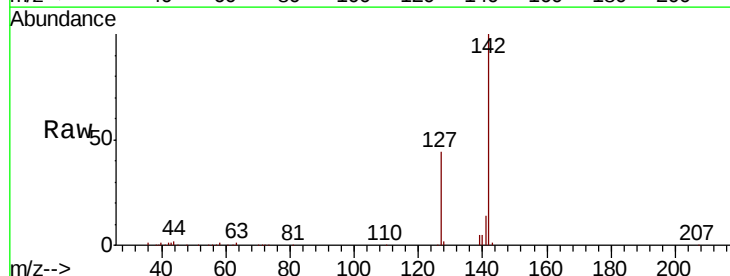
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

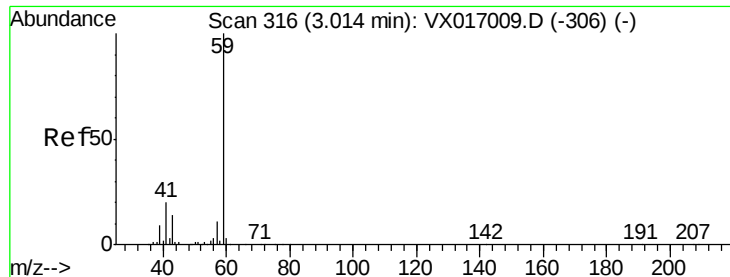
Tot Ion:101	Resp:	55296	
Ion Ratio	Lower	Upper	
101 100			
85 43.7	33.5	50.3	
151 82.5	63.8	95.6	



#10
 Methyl Iodide
 Concen: 18.100 ug/l
 RT: 2.50 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion:142	Resp: 66550
Ion Ratio	Lower Upper
142 100	
127 44.9	36.6 54.8
141 14.0	11.6 17.4



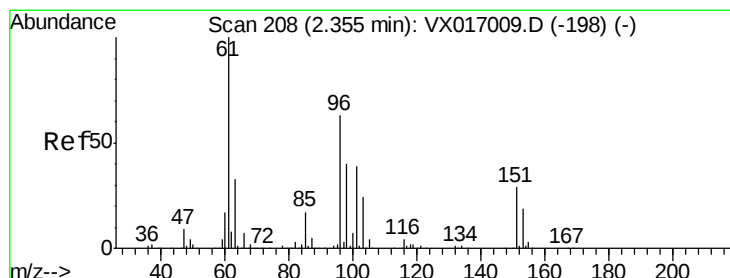
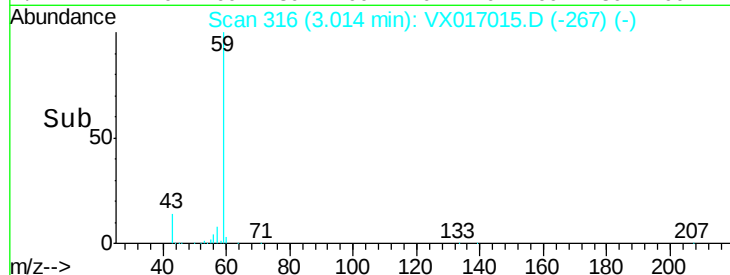
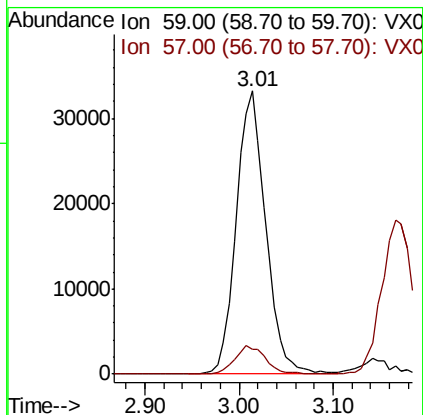
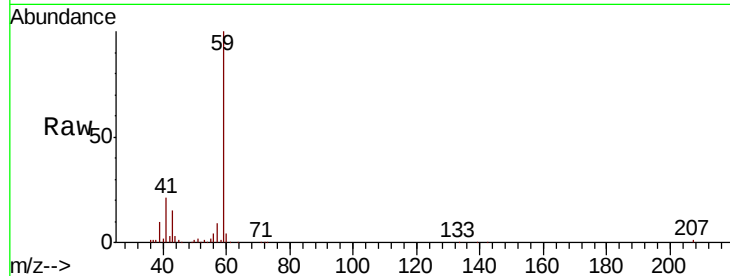


#11

Tert butyl alcohol
 Concen: 104.512 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

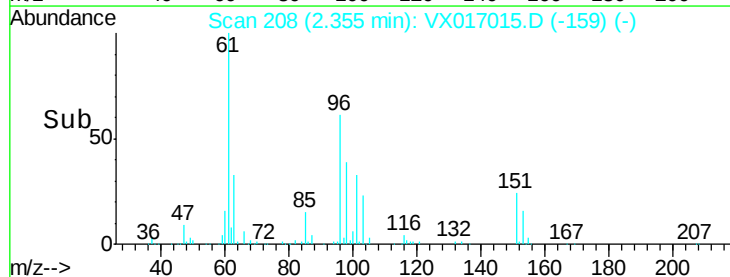
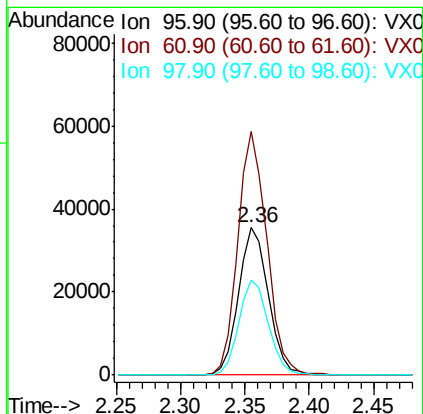
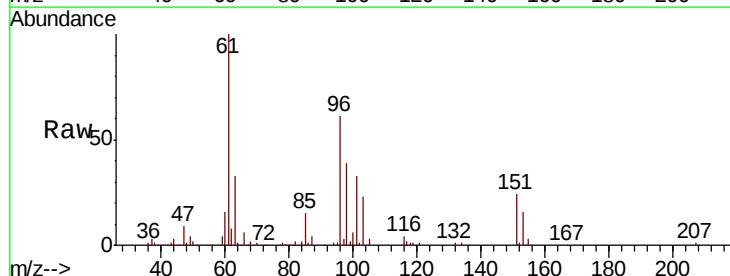
Tot Ion: 59 Resp: 72723
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

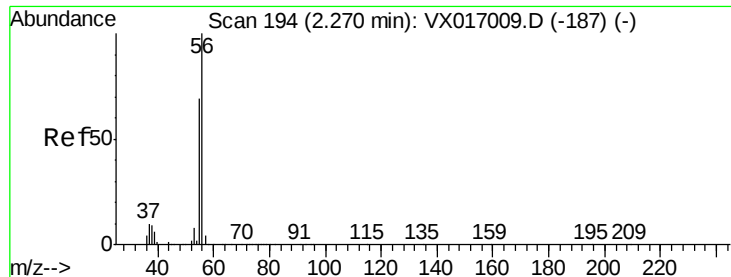


#12

1,1-Dichloroethene
 Concen: 19.261 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 96 Resp: 56381
 Ion Ratio Lower Upper
 96 100
 61 165.4 126.3 189.5
 98 64.5 51.0 76.6





#13

Acrolein

Concen: 85.877 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

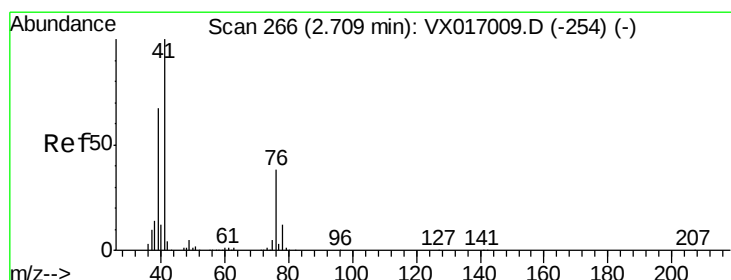
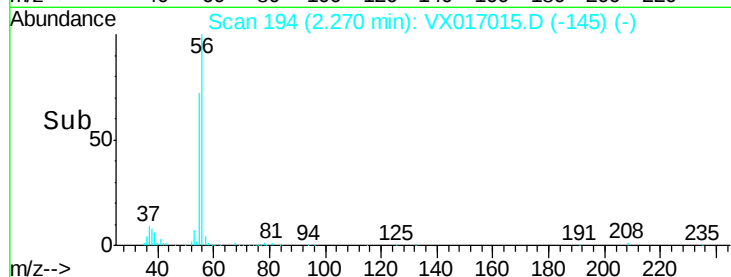
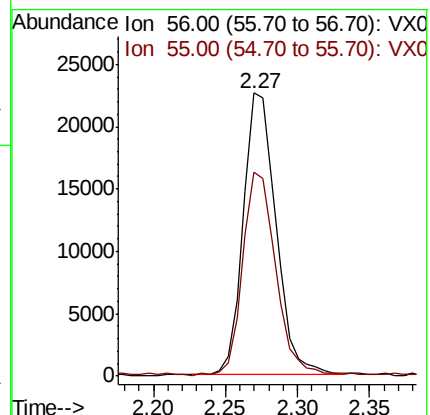
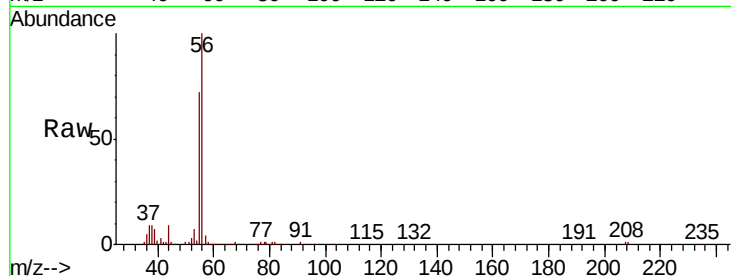
VX0629WBSD01

Tot Ion: 56 Resp: 35721

Ion Ratio Lower Upper

56 100

55 72.1 55.7 83.5



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

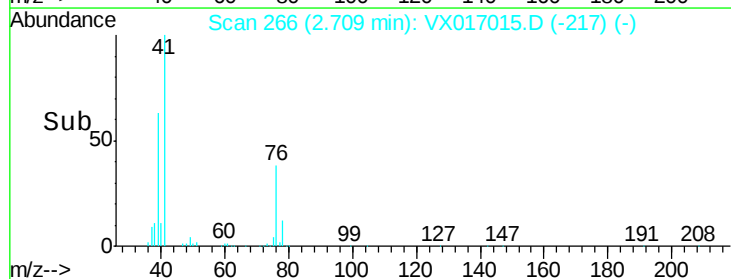
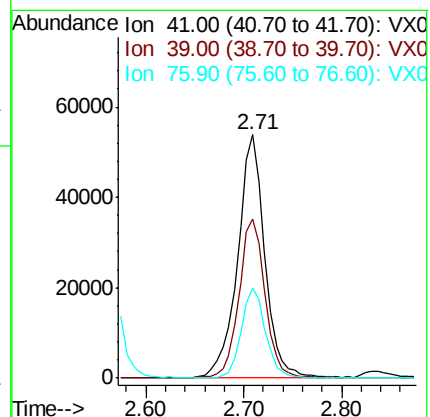
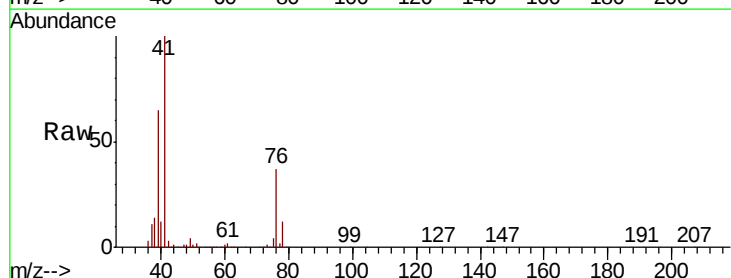
Tgt Ion: 41 Resp: 103021

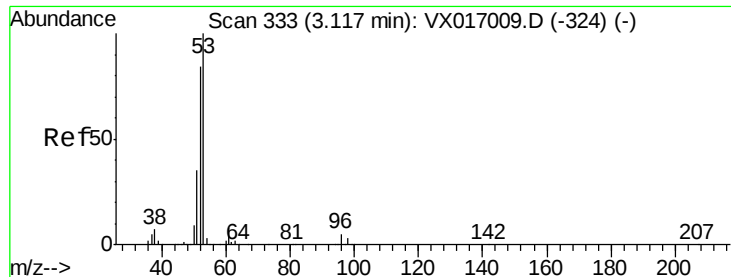
Ion Ratio Lower Upper

41 100

39 63.3 49.4 74.2

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 99.249 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

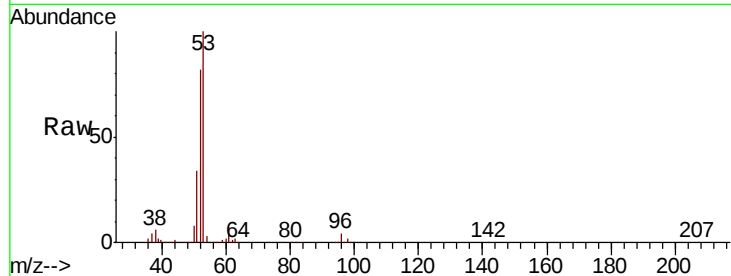
Tot Ion: 53 Resp: 166020

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

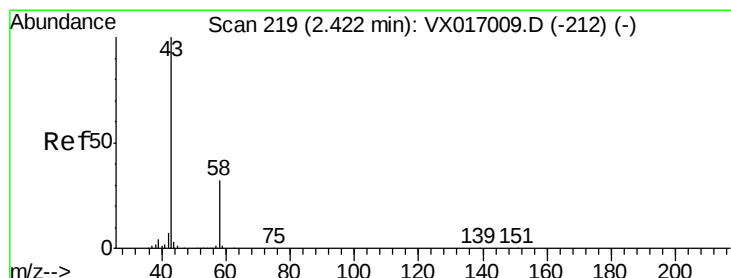
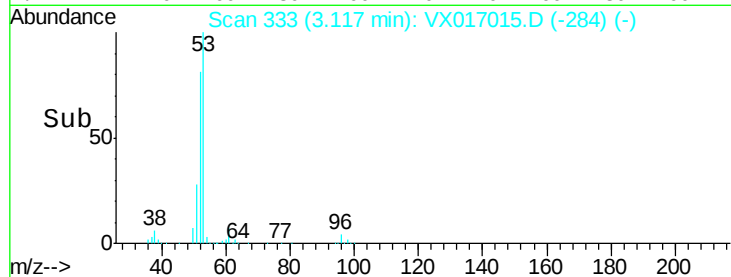
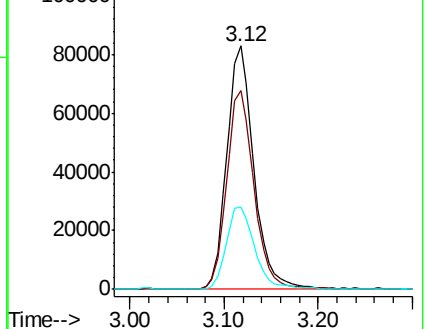
51 35.8 28.3 42.5



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: 101.853 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017015.D

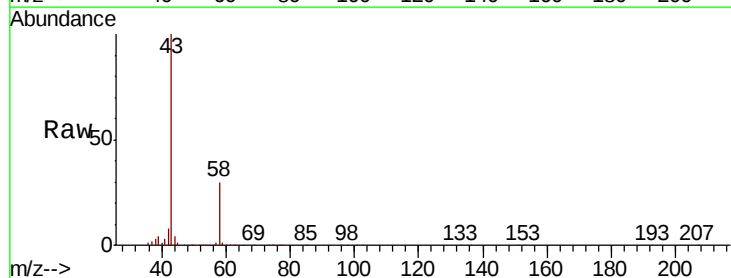
Acq: 29 Jun 2020 18:32

Tgt Ion: 43 Resp: 138978

Ion Ratio Lower Upper

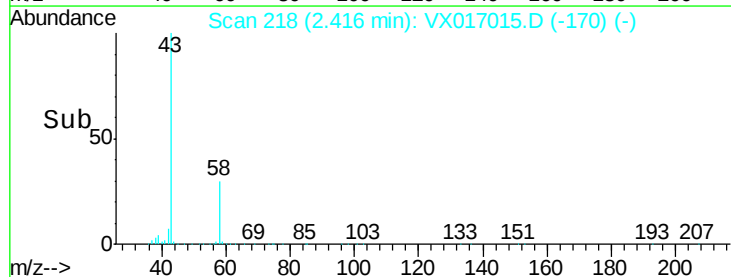
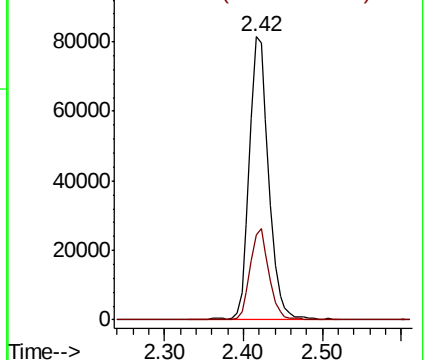
43 100

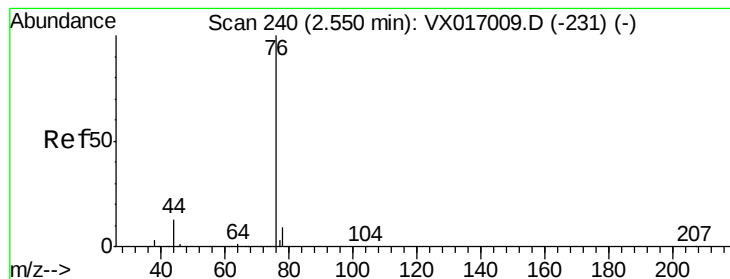
58 29.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.970 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

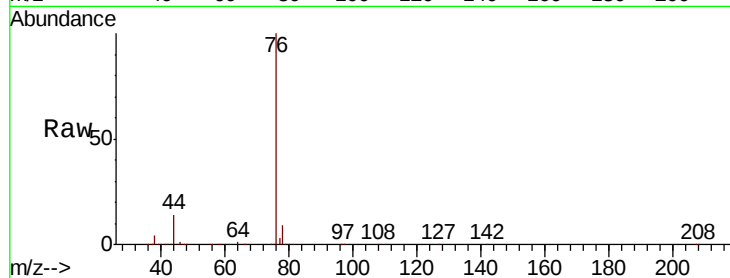
VX0629WBSD01

Tot Ion: 76 Resp: 171187

Ion Ratio Lower Upper

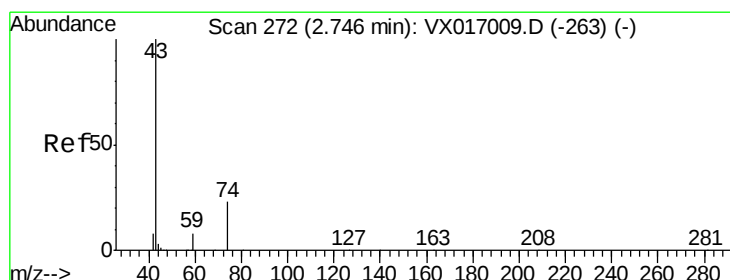
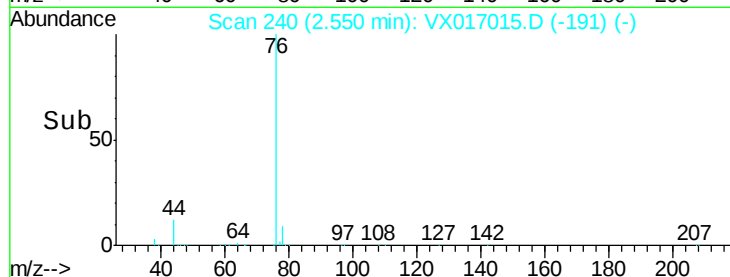
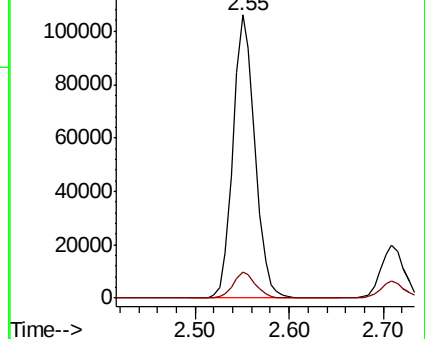
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.090 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017015.D

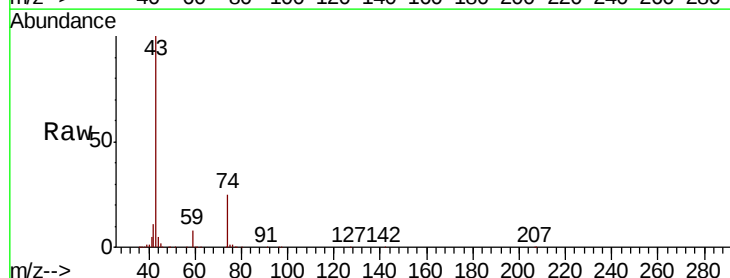
Acq: 29 Jun 2020 18:32

Tgt Ion: 43 Resp: 71560

Ion Ratio Lower Upper

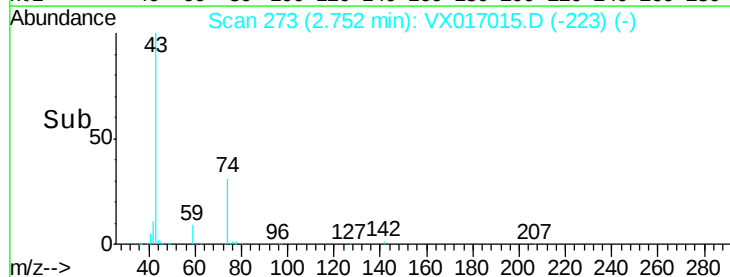
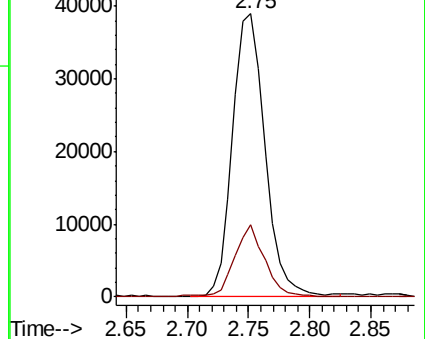
43 100

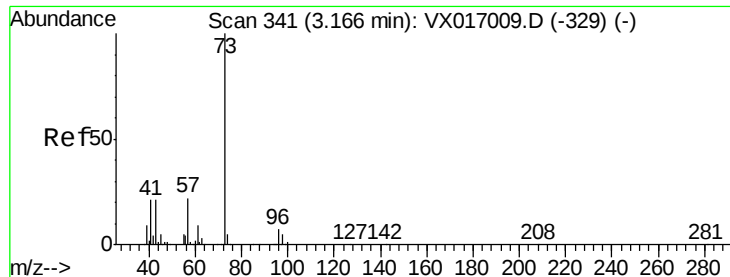
74 24.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



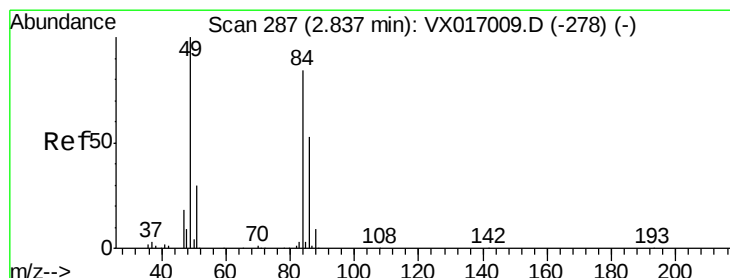
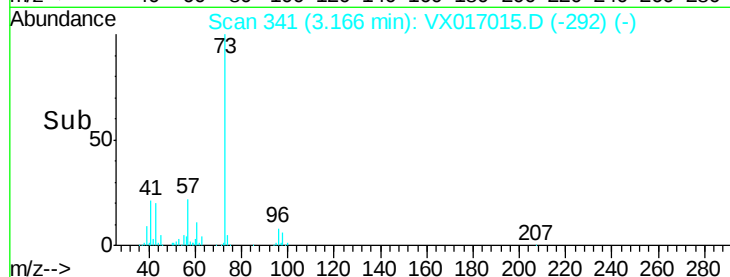
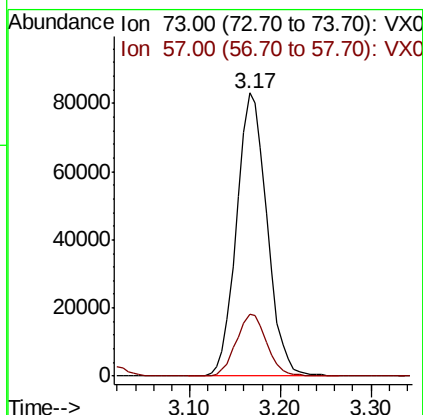
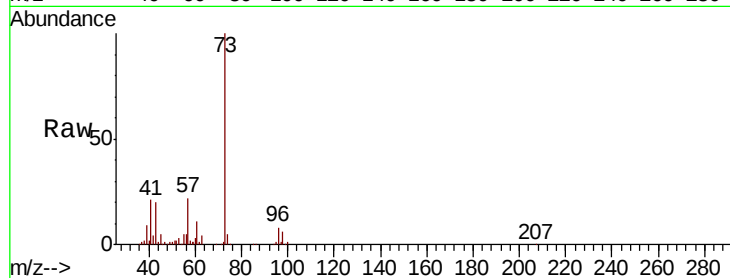


#19

Methyl tert-butyl Ether
 Concen: 19.588 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

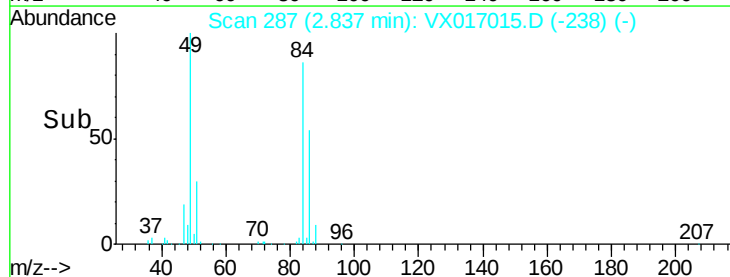
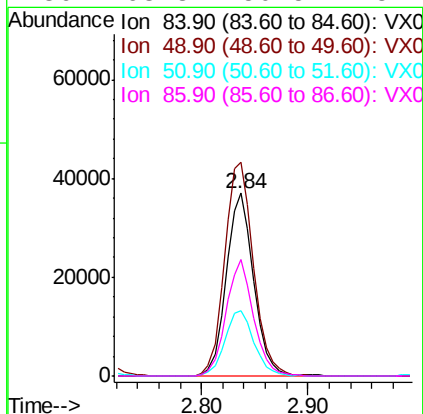
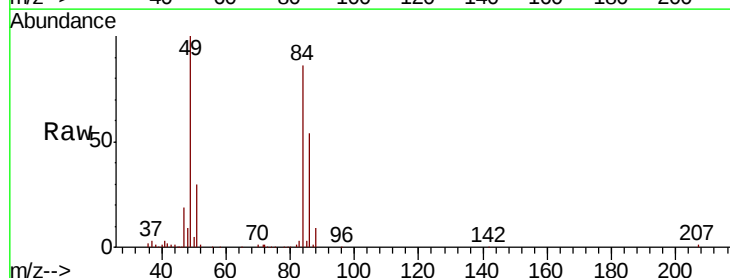
Tot Ion: 73 Resp: 192436
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

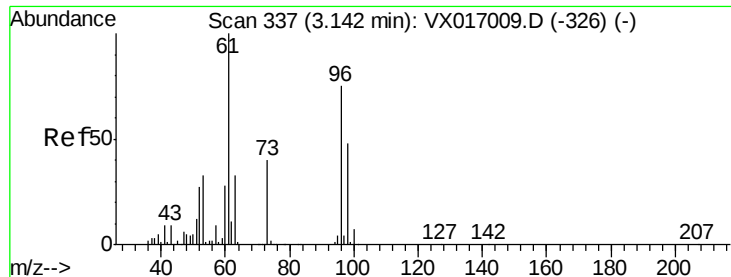


#20

Methylene Chloride
 Concen: 20.899 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 84 Resp: 66828
 Ion Ratio Lower Upper
 84 100
 49 116.7 94.7 142.1
 51 35.4 28.6 42.8
 86 63.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.802 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

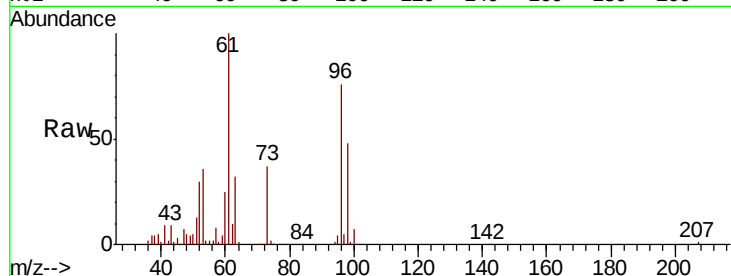
Tot Ion: 96 Resp: 64326

Ion Ratio Lower Upper

96 100

61 131.2 107.0 160.6

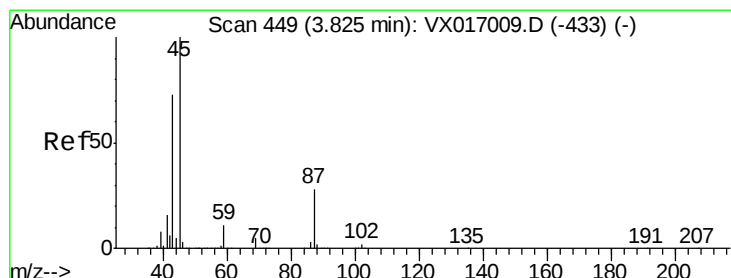
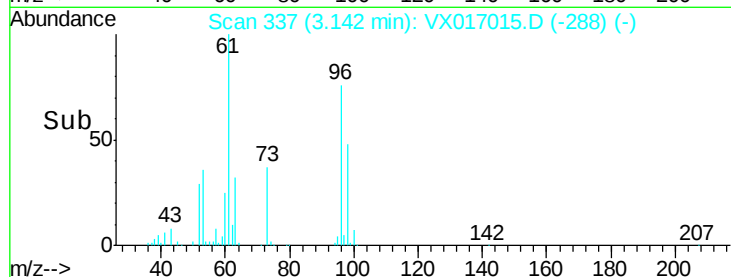
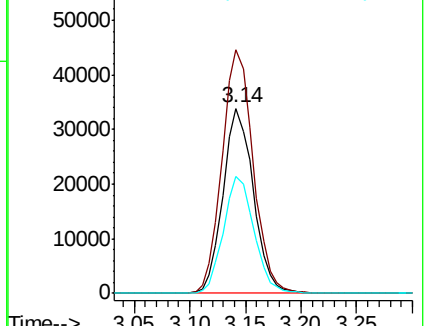
98 62.8 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.528 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion: 45 Resp: 205537

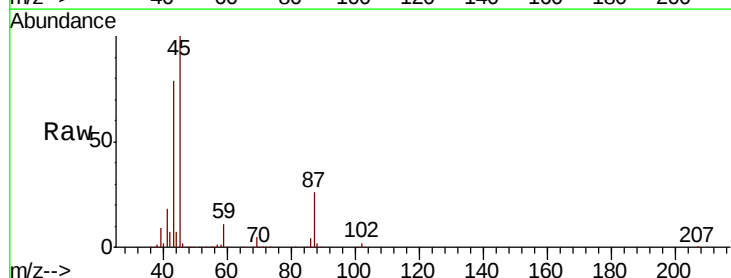
Ion Ratio Lower Upper

45 100

43 77.4 58.6 88.0

87 26.4 22.6 34.0

59 11.5 8.7 13.1

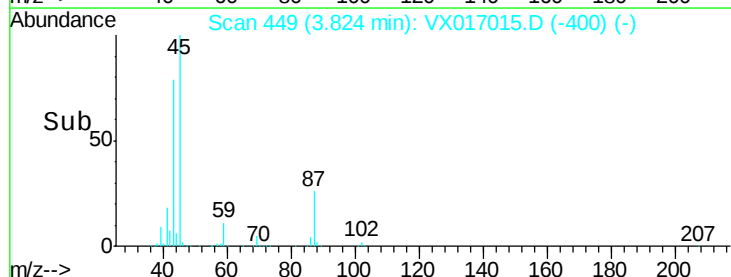
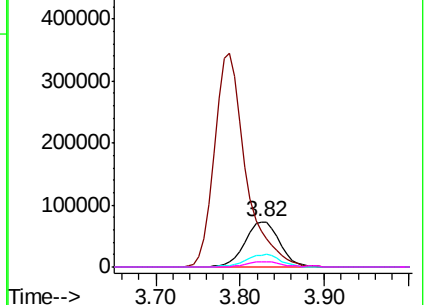


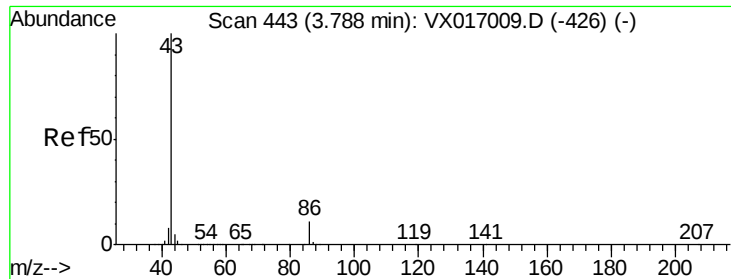
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 102.919 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

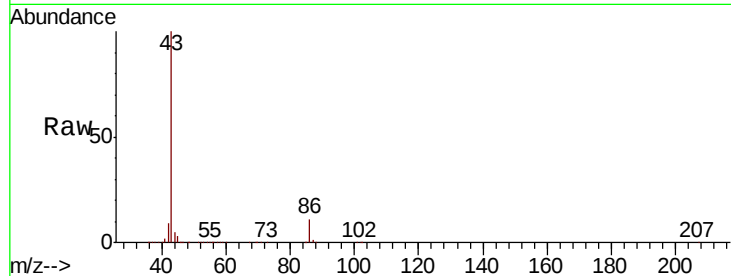
VX0629WBSD01

Tot Ion: 43 Resp: 885502

Ion Ratio Lower Upper

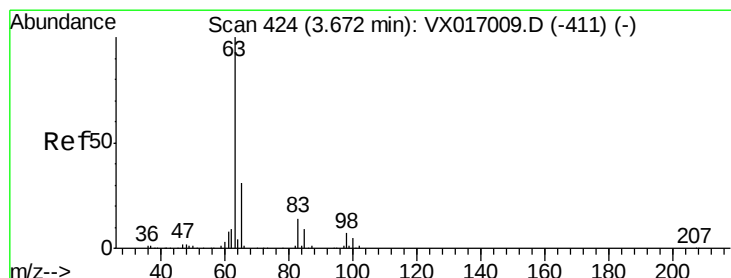
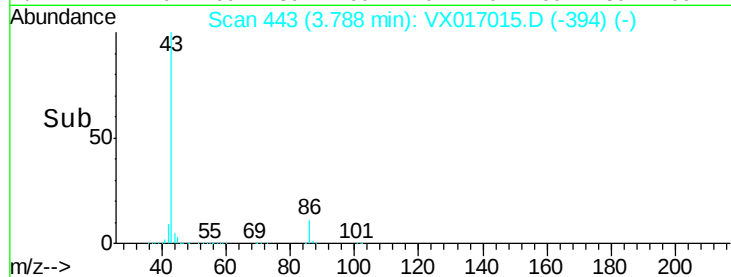
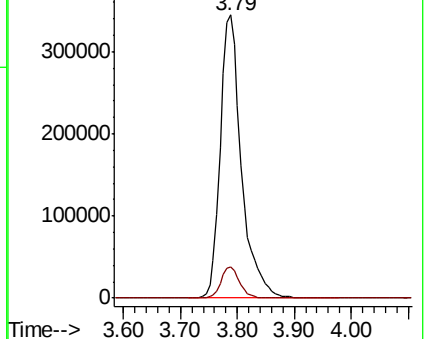
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.727 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

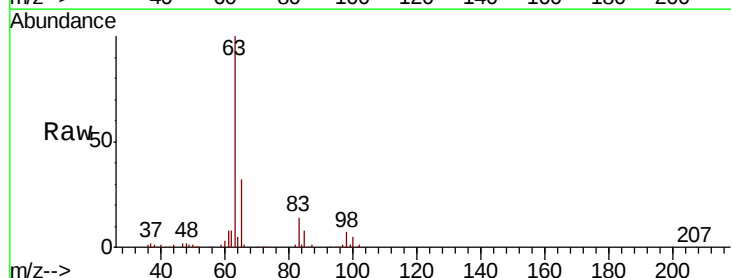
Tgt Ion: 63 Resp: 112386

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

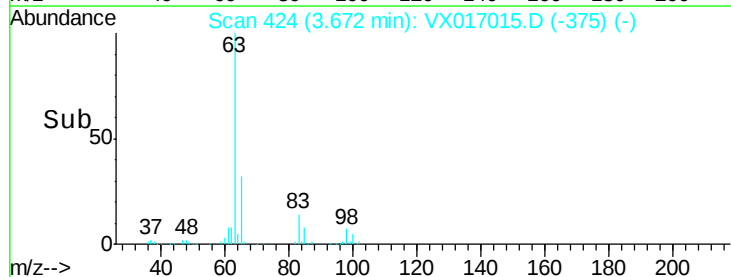
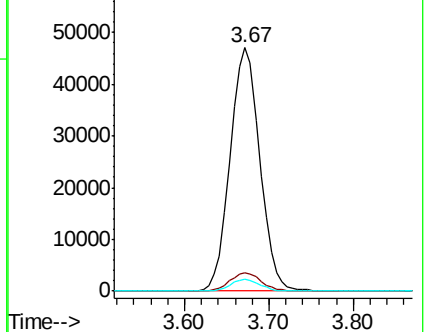
100 5.0 2.4 7.1

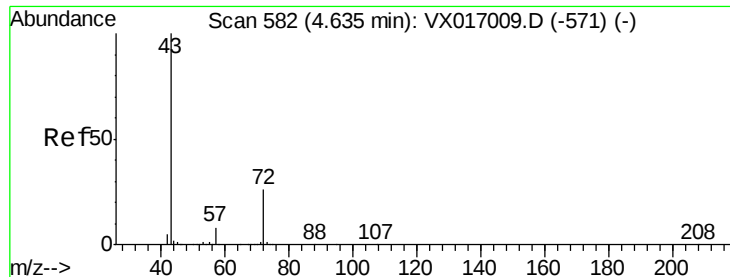


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.535 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

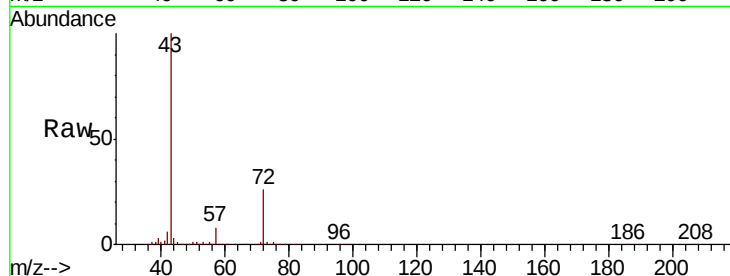
VX0629WBSD01

Tot Ion: 43 Resp: 228577

Ion Ratio Lower Upper

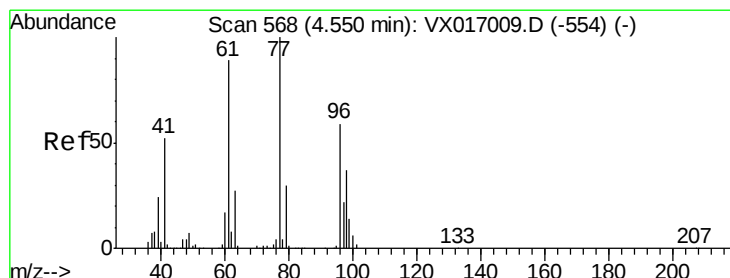
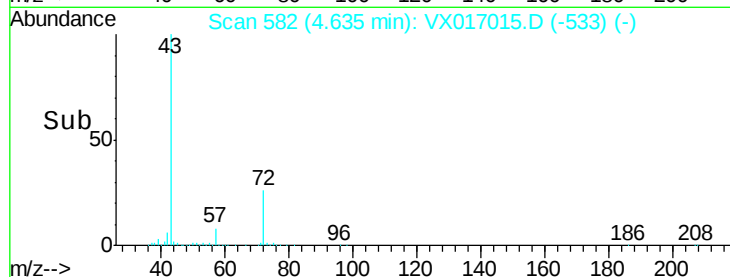
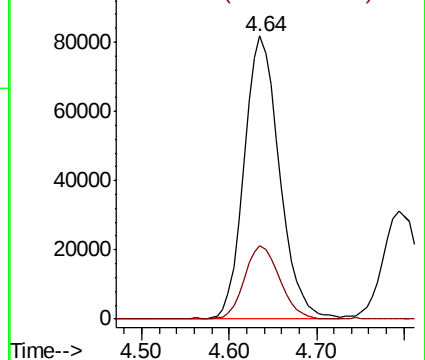
43 100

72 25.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.232 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017015.D

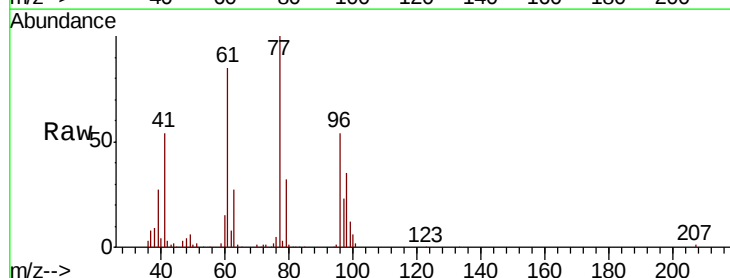
Acq: 29 Jun 2020 18:32

Tgt Ion: 77 Resp: 97286

Ion Ratio Lower Upper

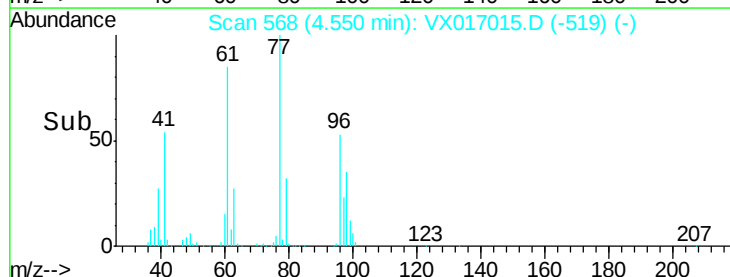
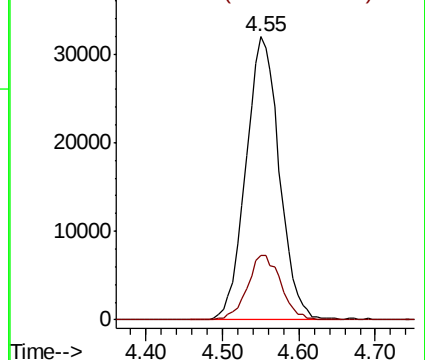
77 100

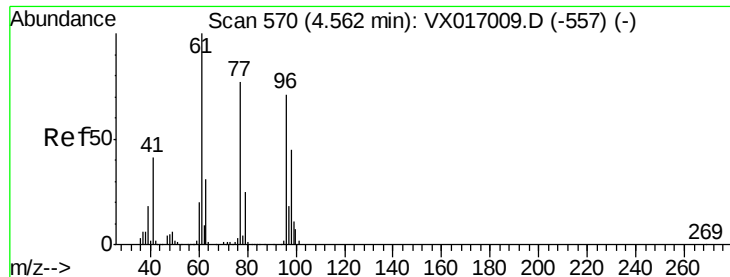
97 23.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



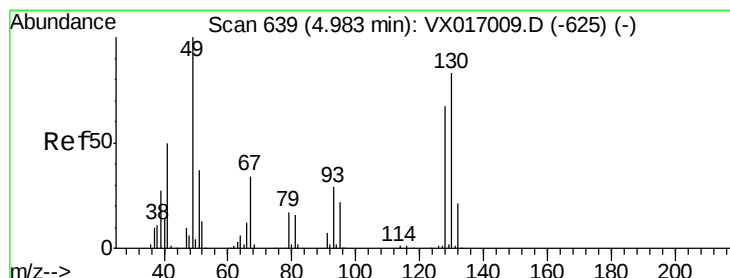
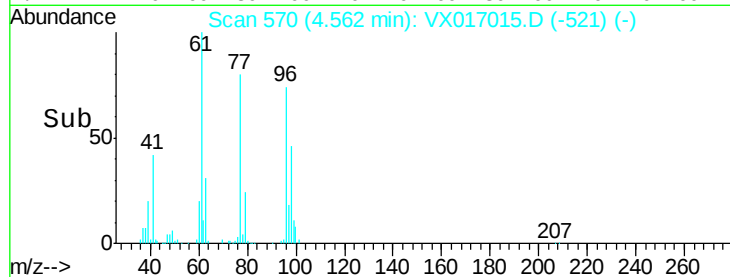
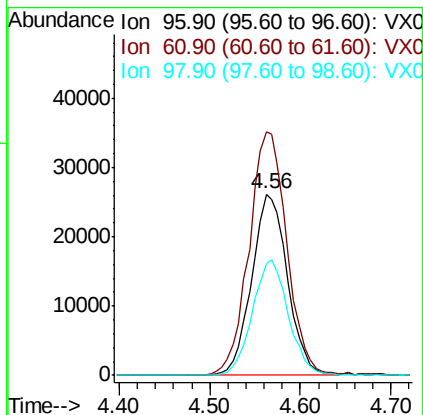
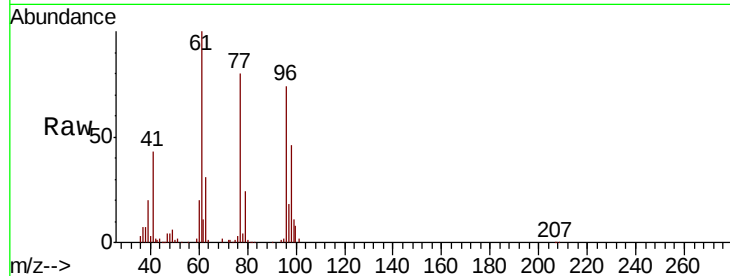


#27

cis-1,2-Dichloroethene
 Concen: 19.405 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

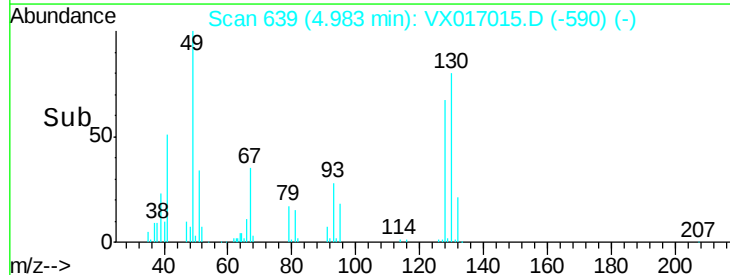
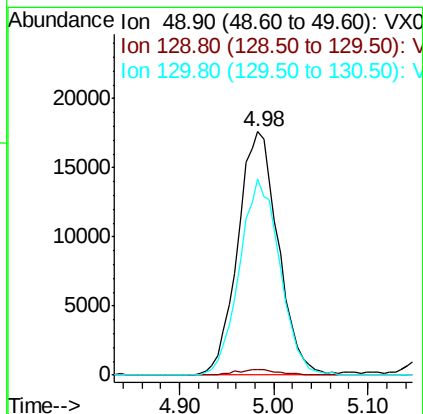
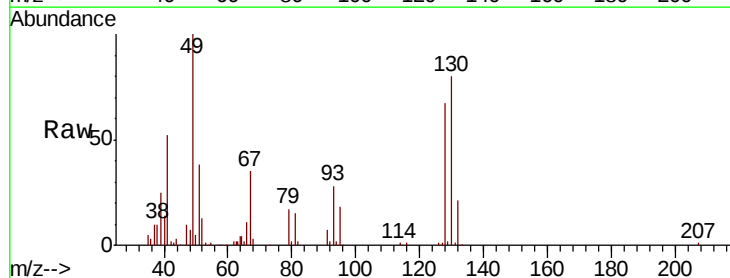
Tot Ion	96	Resp	71426
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	282.8
98	64.0	0.0	127.6

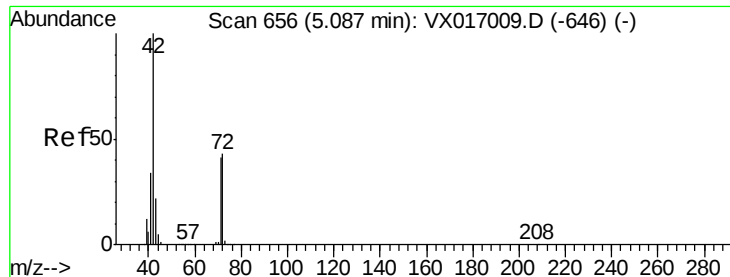


#28

Bromochloromethane
 Concen: 19.058 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	49	Resp	52834
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.6	66.6	100.0





#29

Tetrahydrofuran

Concen: 104.415 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

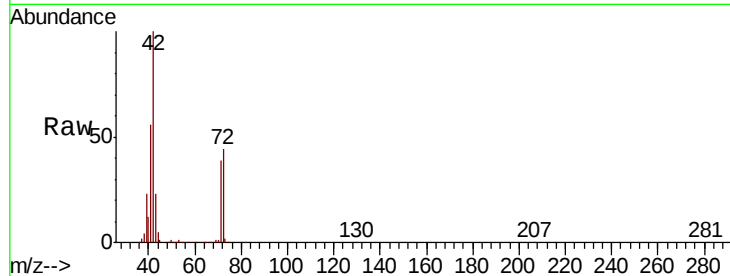
Tot Ion: 42 Resp: 156854

Ion Ratio Lower Upper

42 100

72 43.1 35.3 52.9

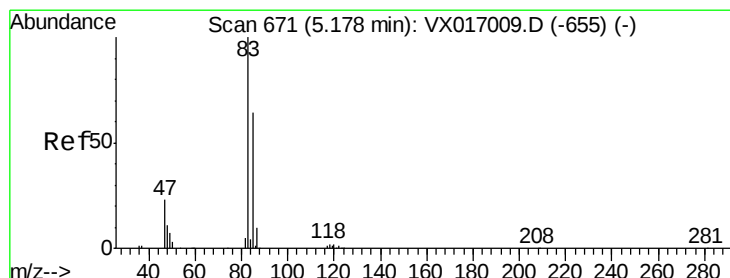
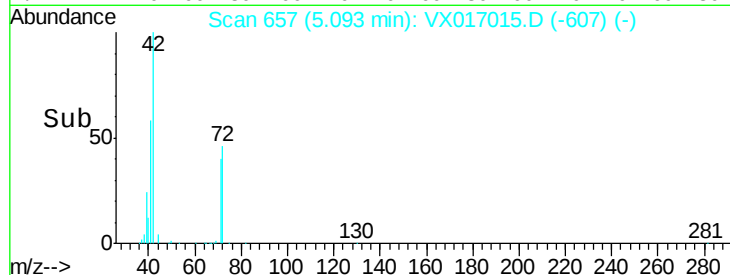
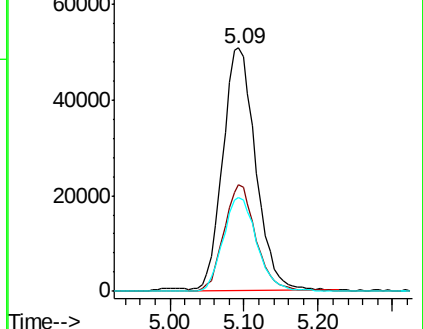
71 39.5 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.635 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017015.D

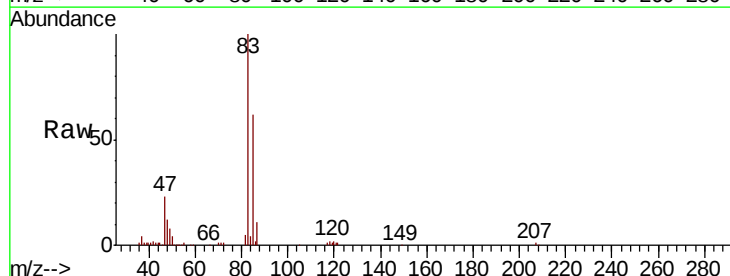
Acq: 29 Jun 2020 18:32

Tgt Ion: 83 Resp: 114668

Ion Ratio Lower Upper

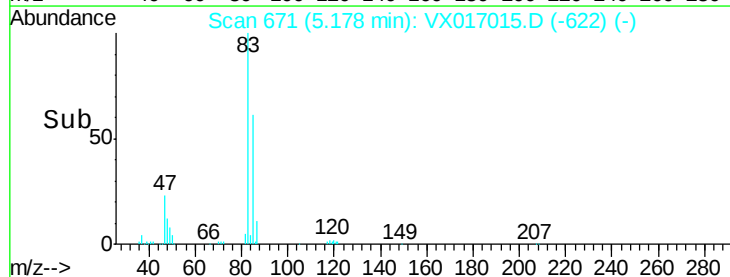
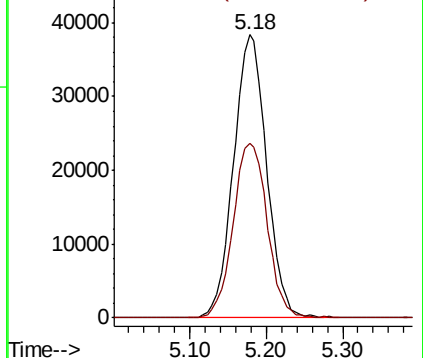
83 100

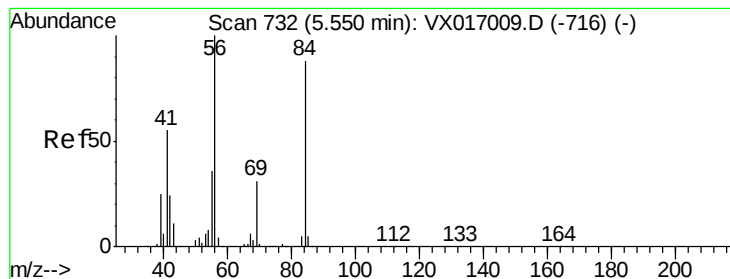
85 61.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.332 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

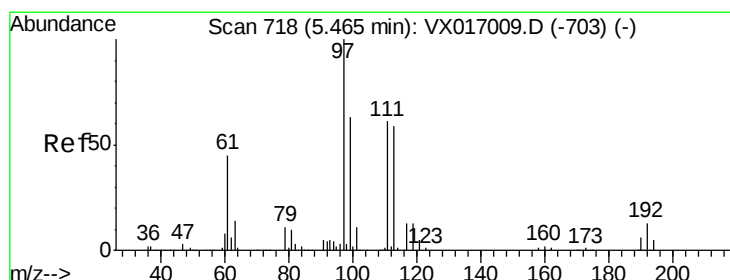
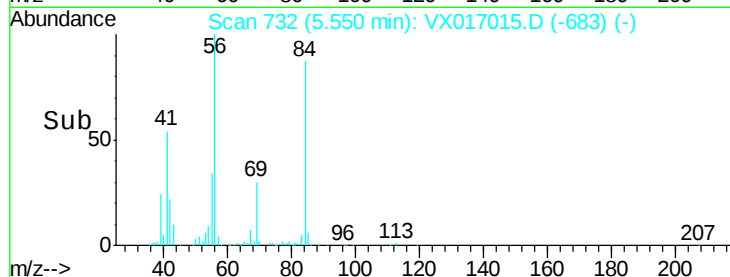
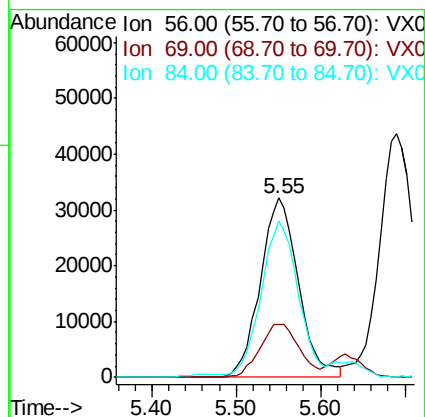
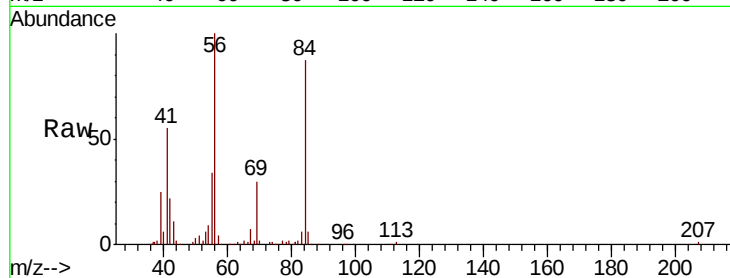
Tot Ion: 56 Resp: 100122

Ion Ratio Lower Upper

56 100

69 29.8 25.0 37.4

84 86.2 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 19.465 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

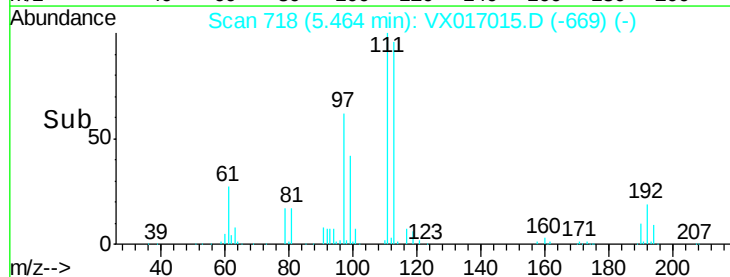
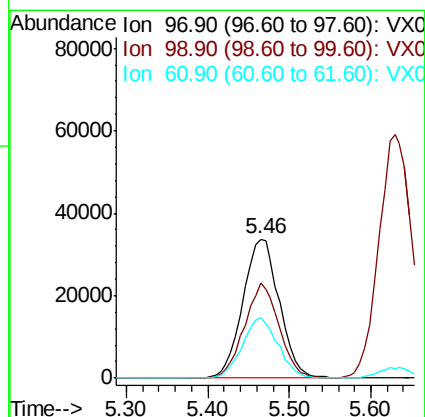
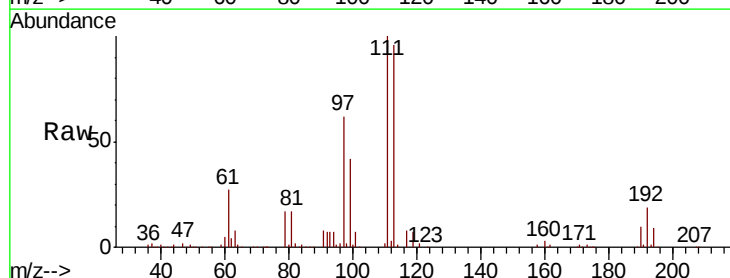
Tgt Ion: 97 Resp: 104692

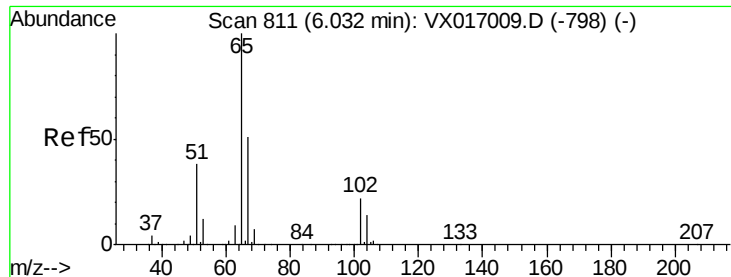
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 42.7 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 50.956 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

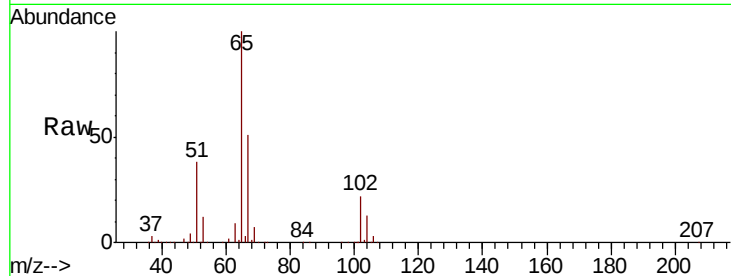
VX0629WBSD01

Tot Ion: 65 Resp: 185862

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

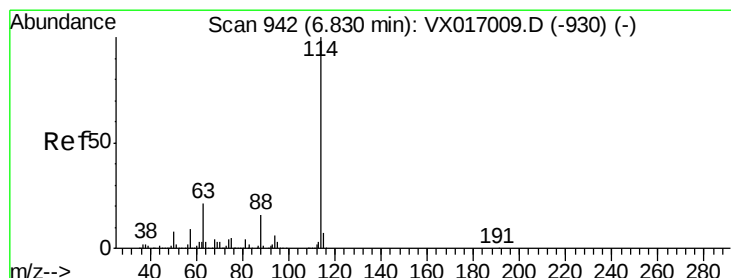
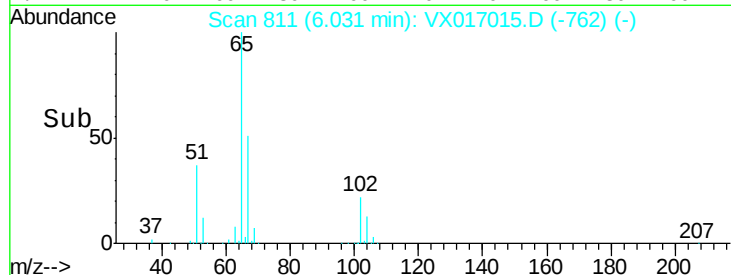
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

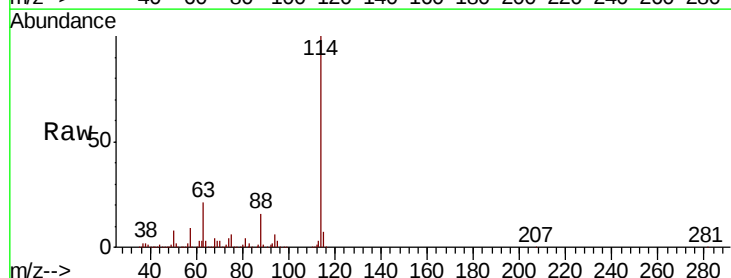
Tgt Ion: 114 Resp: 479277

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.7 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

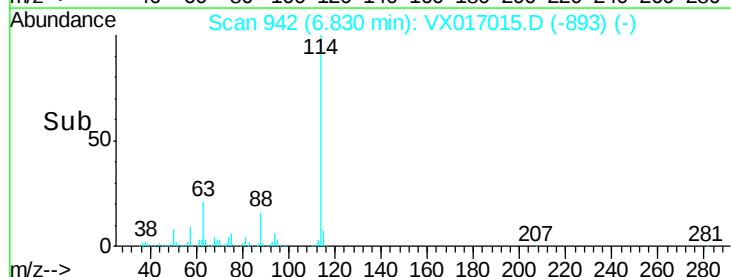
100000

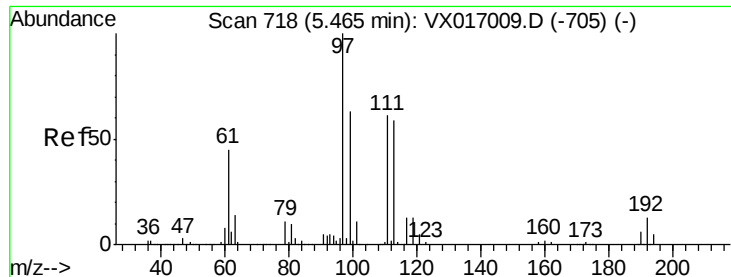
50000

0

Time-->

6.70 6.80 6.90 7.00

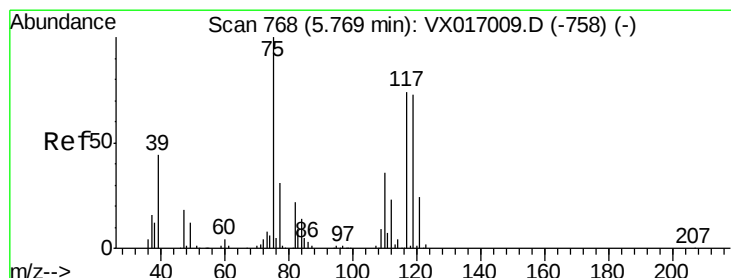
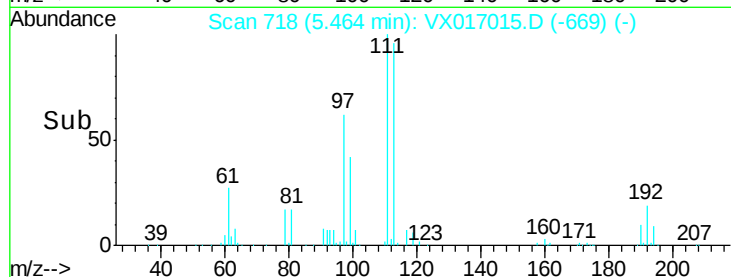
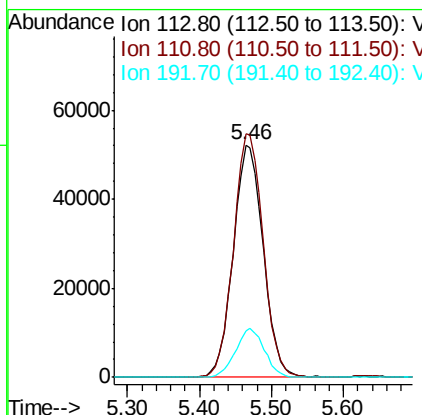
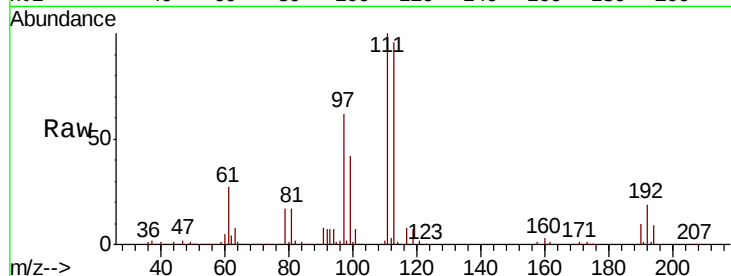




#35
 Dibromofluoromethane
 Concen: 49.736 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

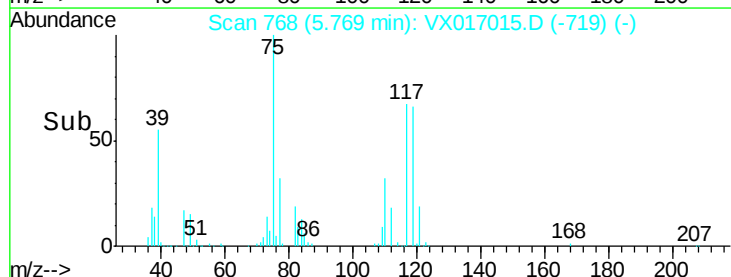
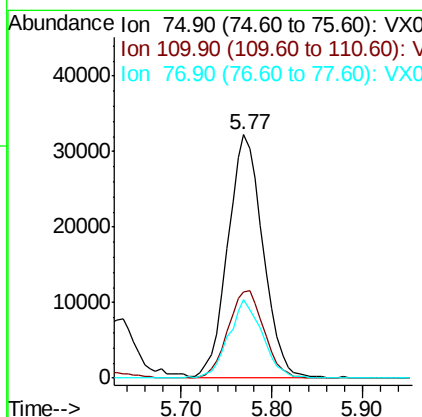
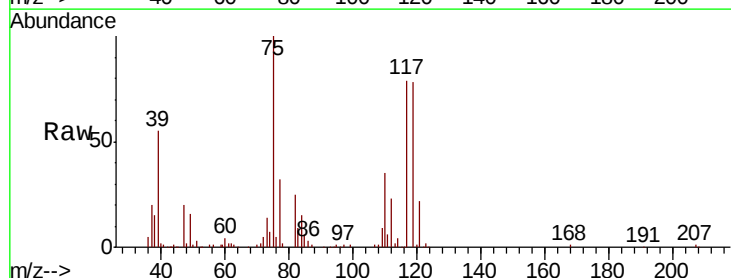
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

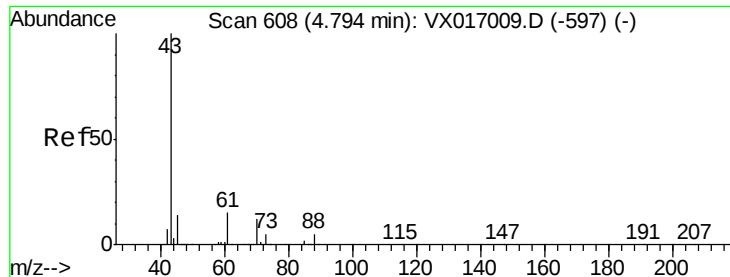
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	20.4	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 18.985 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.1
77	31.4	24.6	37.0

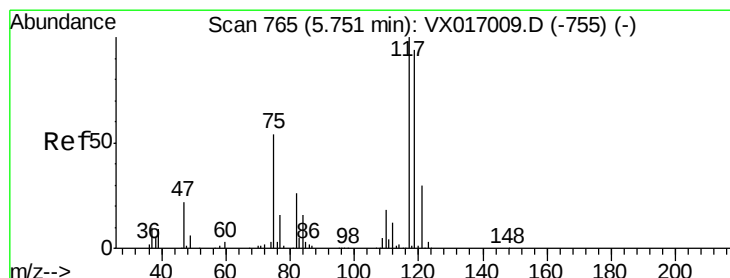
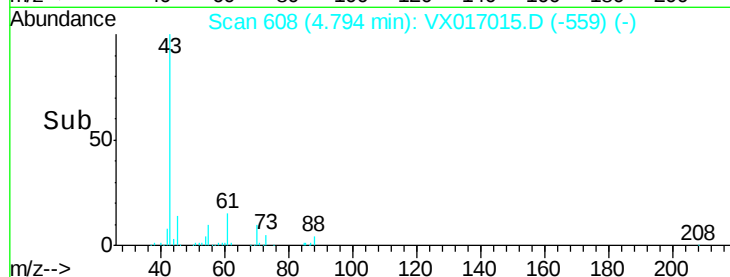
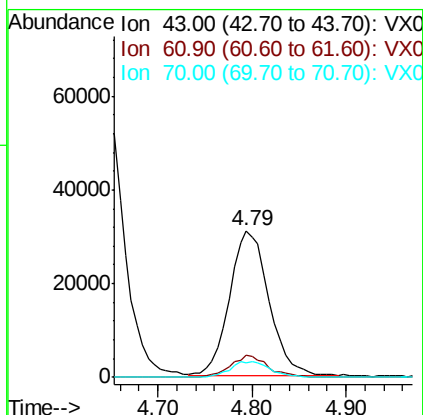
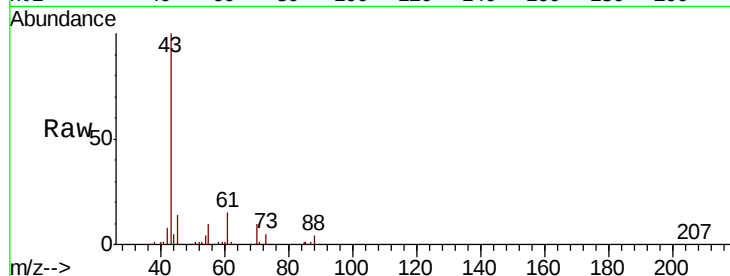




#37
Ethyl Acetate
Concen: 19.674 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

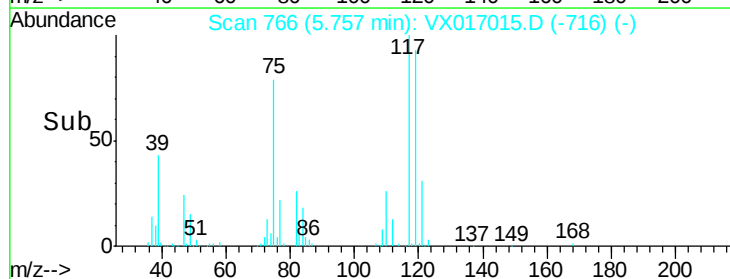
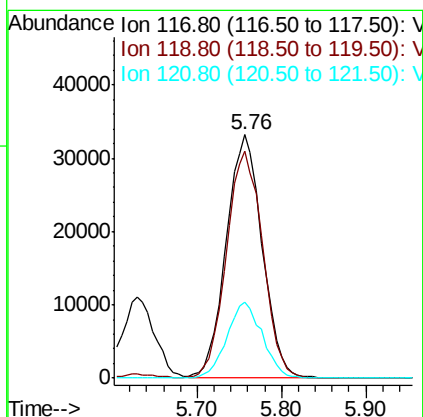
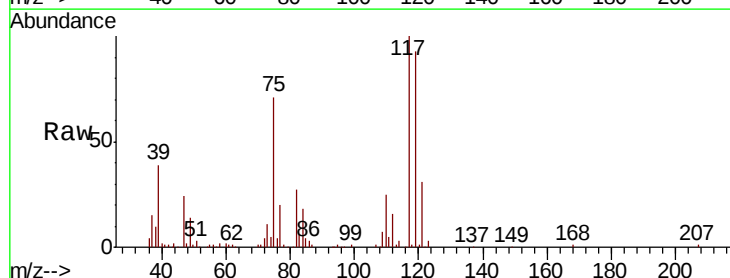
Instrument :
MSVOA_X
ClientSampled :
VX0629WBSD01

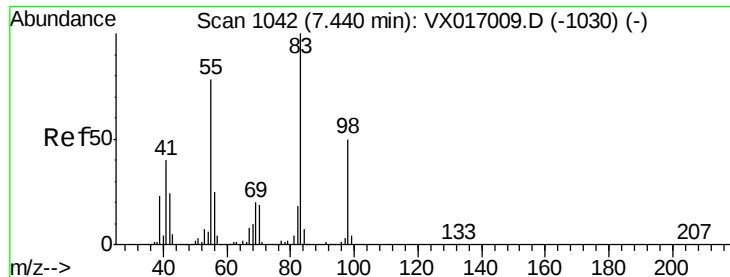
Tot Ion: 43 Resp: 90419
Ion Ratio Lower Upper
43 100
61 14.8 11.0 16.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.258 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 117 Resp: 96084
Ion Ratio Lower Upper
117 100
119 93.3 75.4 113.0
121 31.0 23.8 35.6

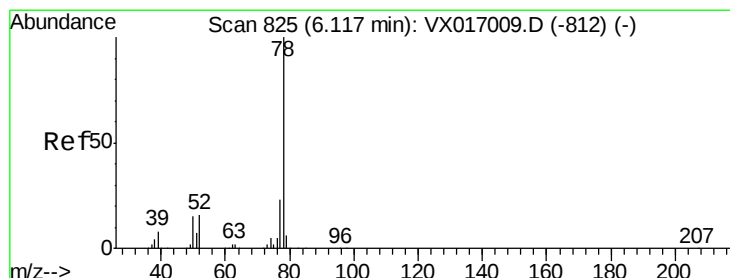
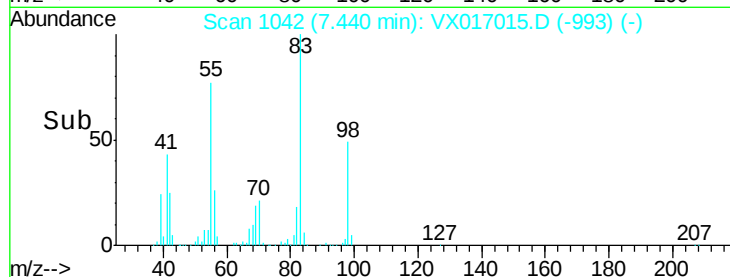
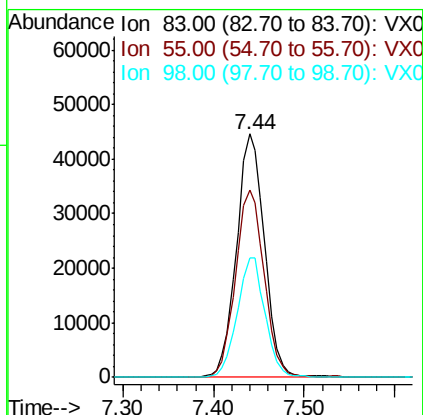
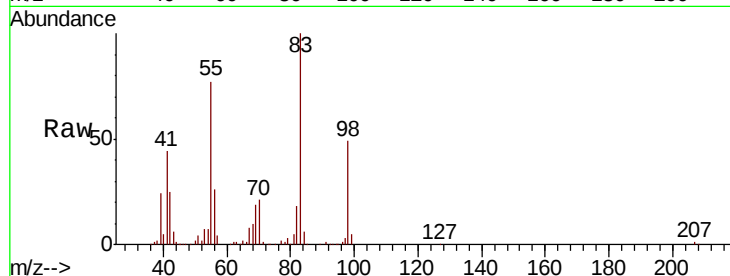




#39
Methvlcvclohexane
Concen: 18.932 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

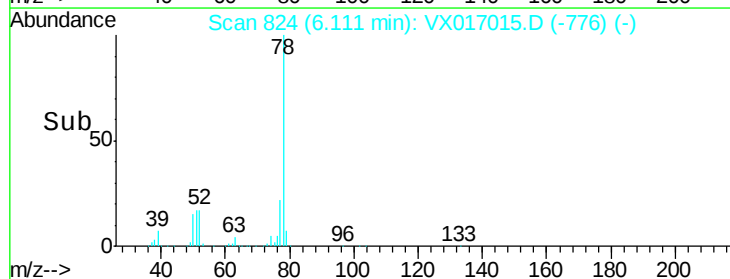
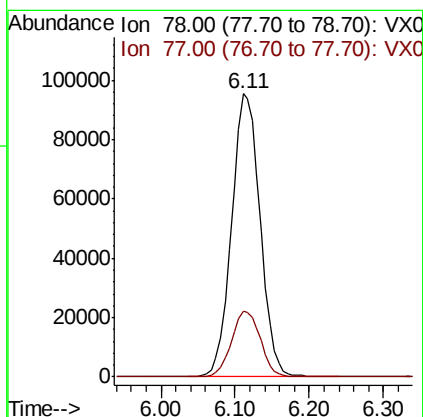
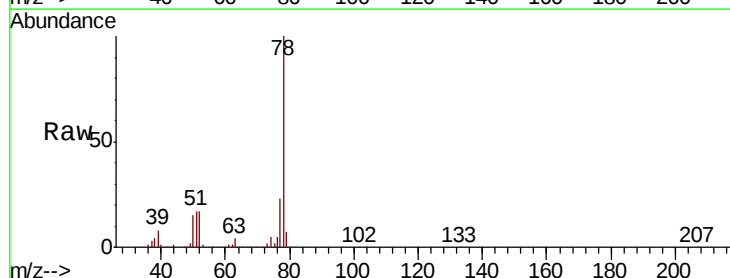
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

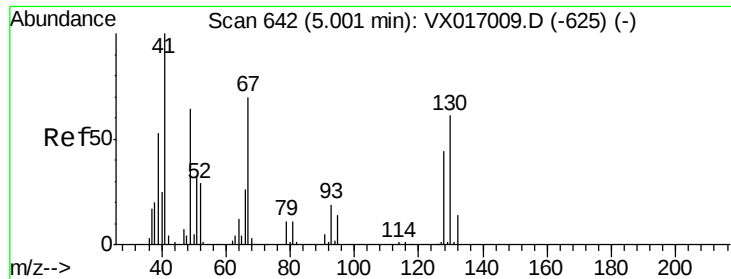
Tot Ion: 83 Resp: 95415
Ion Ratio Lower Upper
83 100
55 77.0 62.5 93.7
98 49.0 40.1 60.1



#40
Benzene
Concen: 19.212 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 78 Resp: 255691
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5

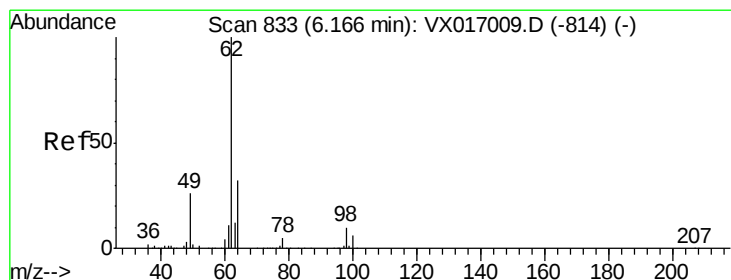
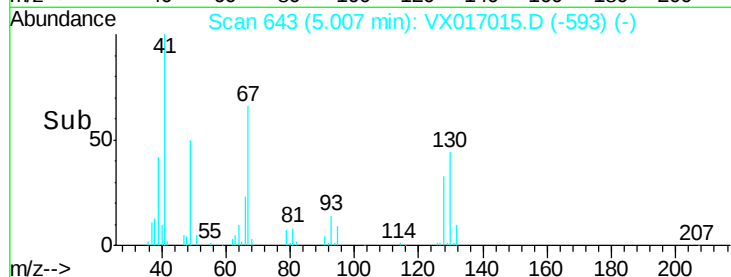
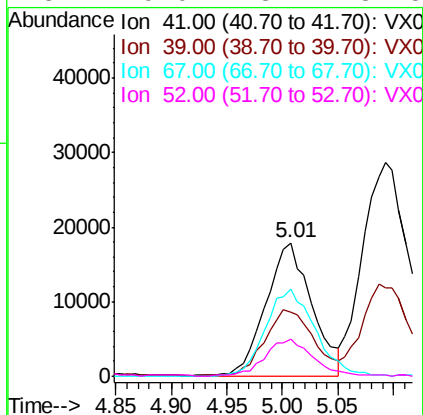
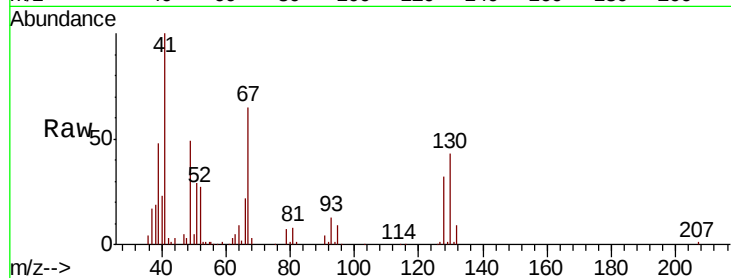




#41
Methacrylonitrile
Concen: 19.982 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

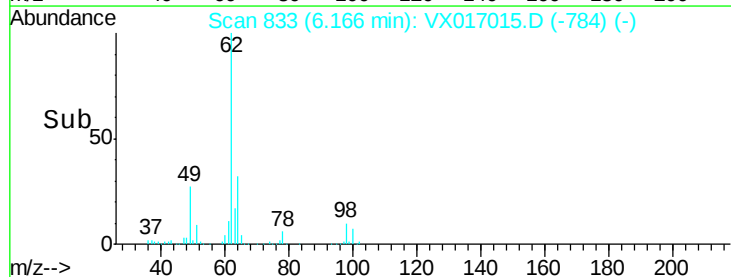
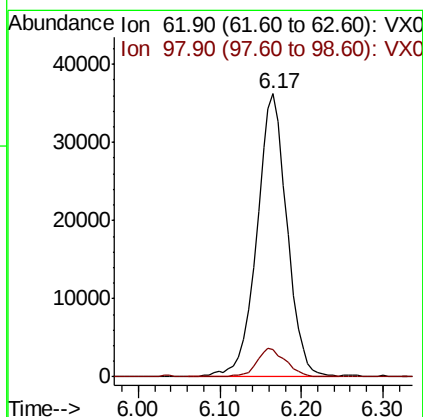
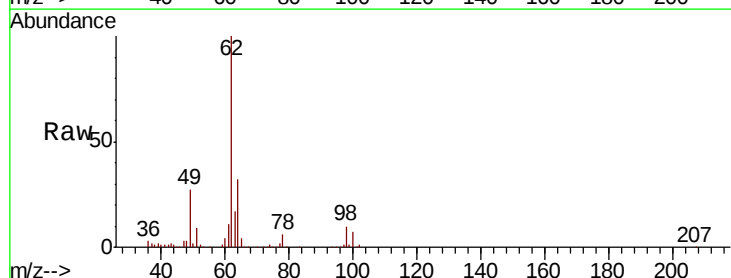
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

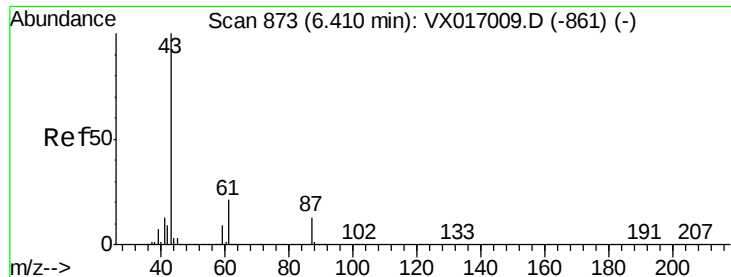
Tot Ion:	41	Resp:	51688
Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.4	66.6
67	70.1	57.1	85.7
52	29.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 19.290 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion:	62	Resp:	92733
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



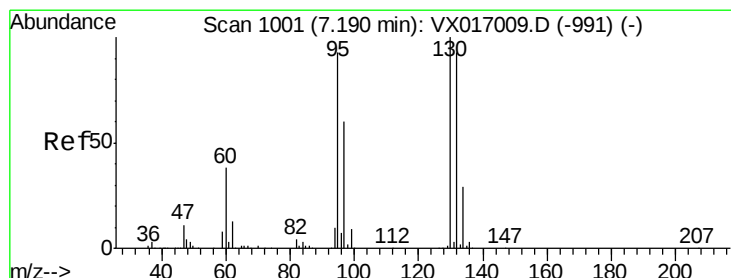
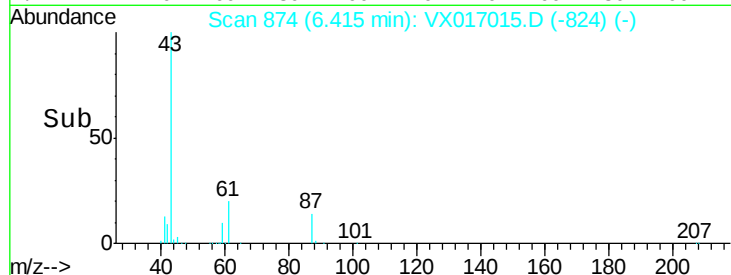
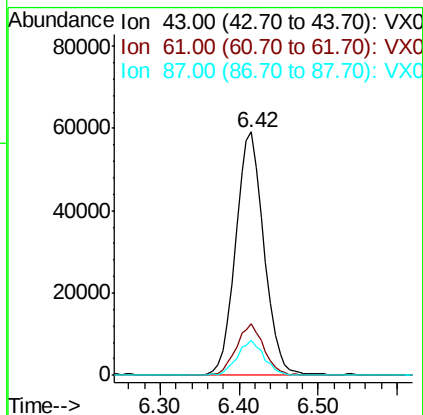
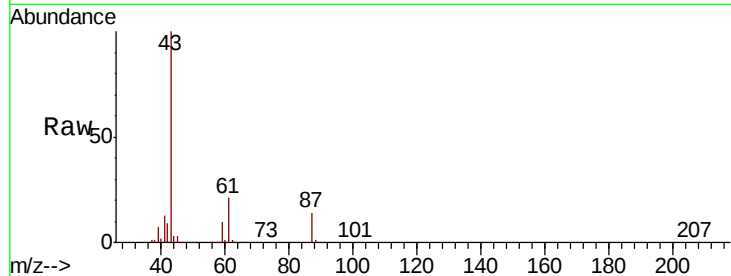


#43

Isopropyl Acetate
 Concen: 19.203 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

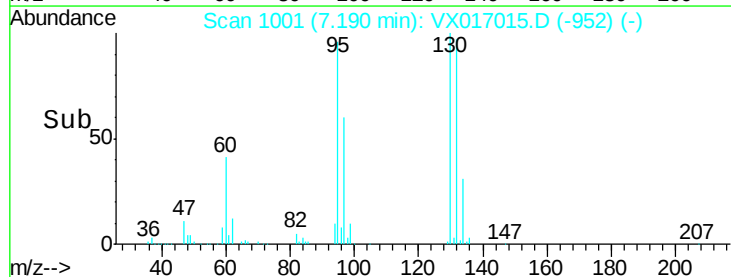
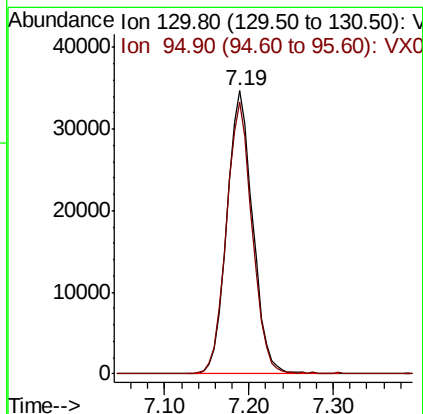
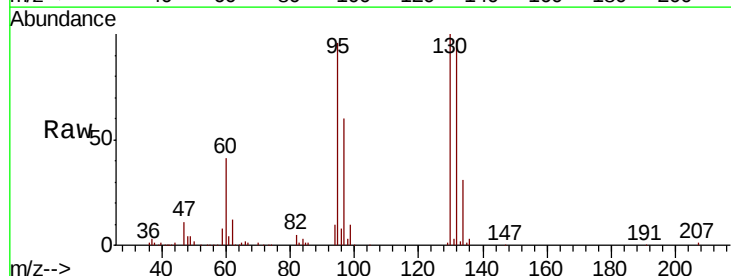
Tot Ion: 43 Resp: 146652
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.2 24.2
 87 13.7 10.7 16.1



#44

Trichloroethene
 Concen: 19.535 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 130 Resp: 72437
 Ion Ratio Lower Upper
 130 100
 95 96.2 0.0 185.0





#45

1,2-Dichloropropane

Concen: 19.257 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

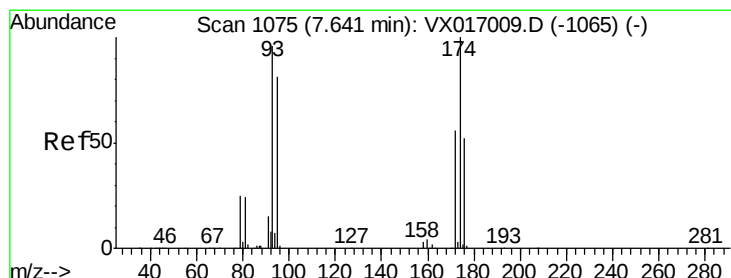
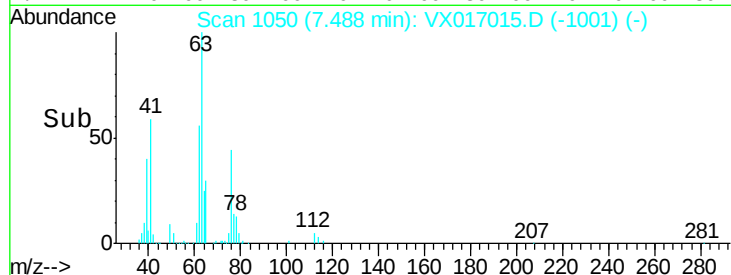
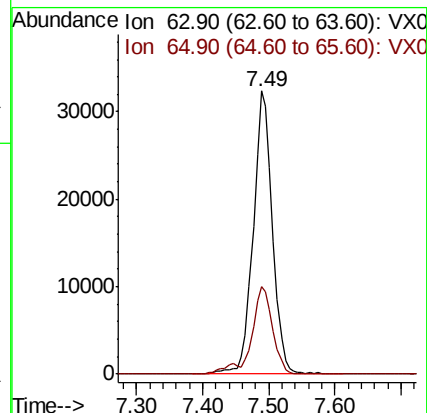
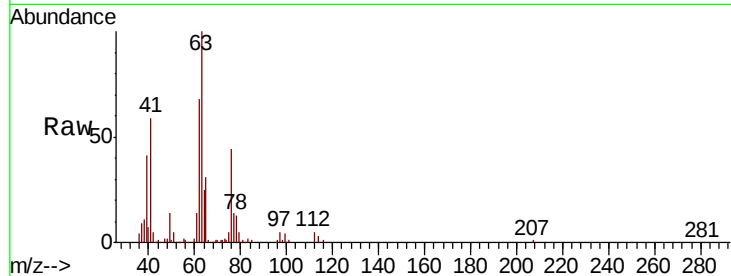
VX0629WBSD01

Tot Ion: 63 Resp: 65829

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 18.925 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

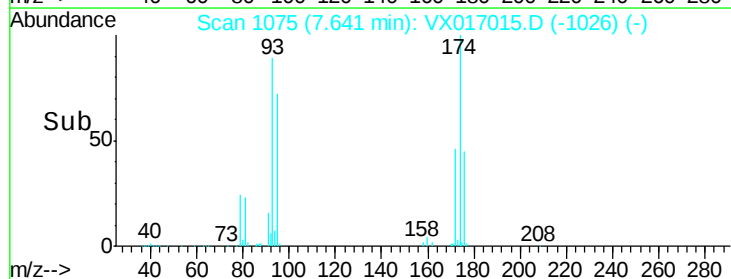
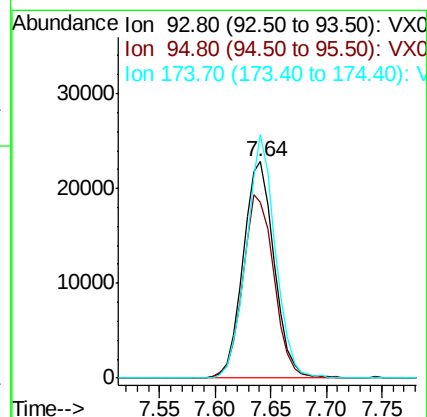
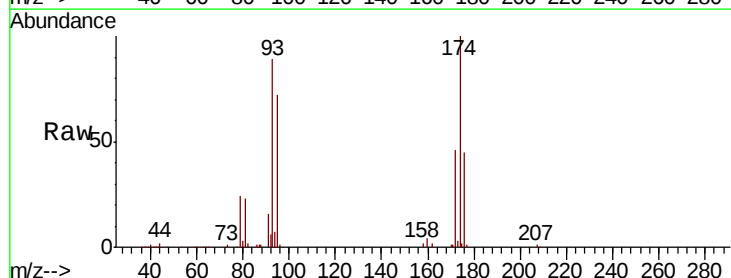
Tgt Ion: 93 Resp: 44166

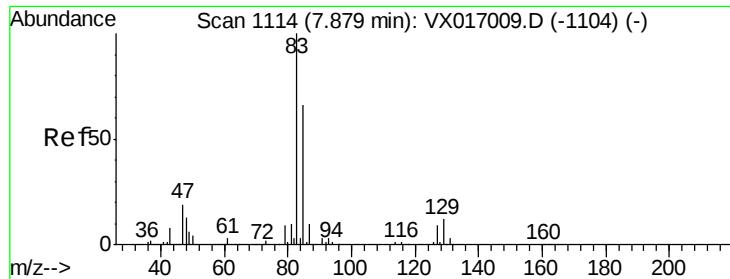
Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.0

174 105.0 84.3 126.5





#47

Bromodichloromethane

Concen: 19.207 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

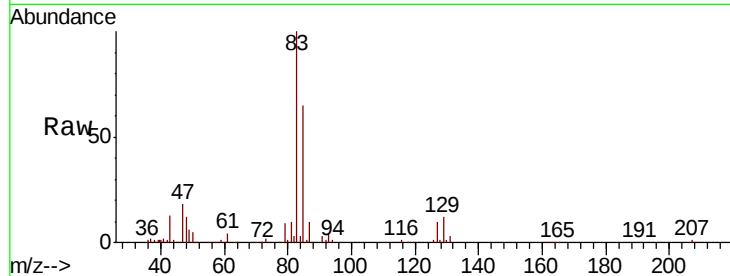
Tot Ion: 83 Resp: 92374

Ion Ratio Lower Upper

83 100

85 64.8 53.0 79.4

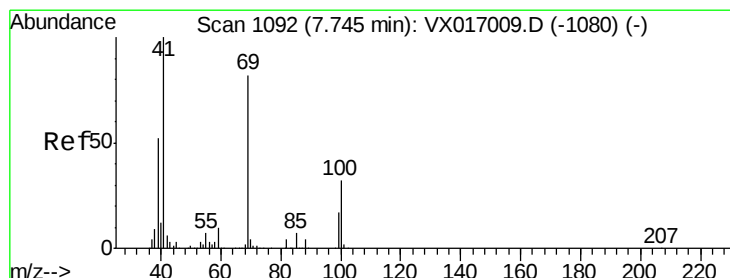
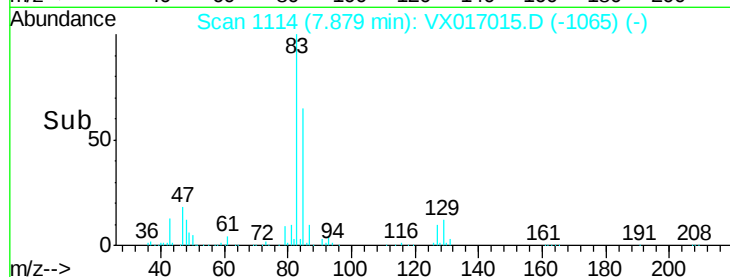
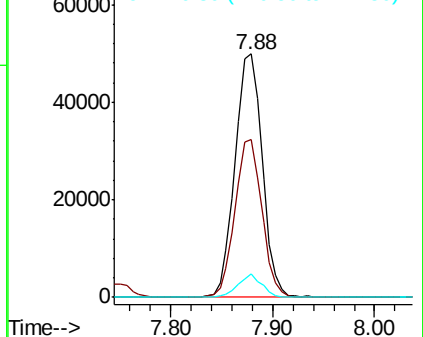
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.288 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

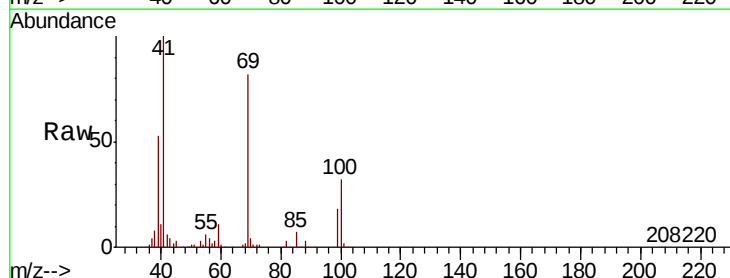
Tgt Ion: 41 Resp: 69984

Ion Ratio Lower Upper

41 100

69 83.7 65.8 98.8

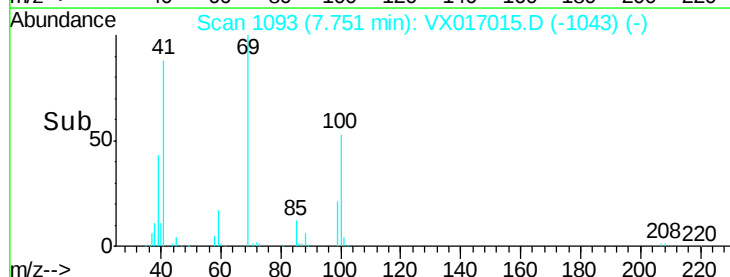
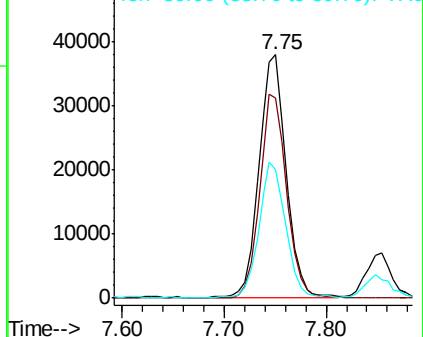
39 55.8 42.5 63.7

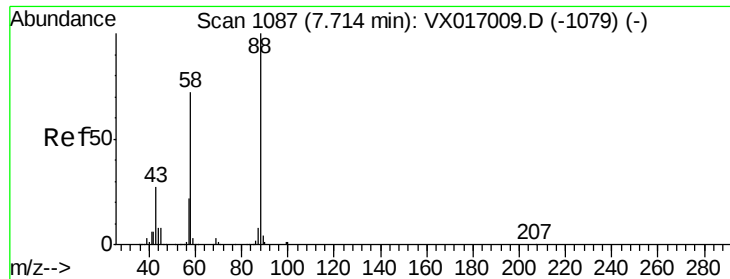


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

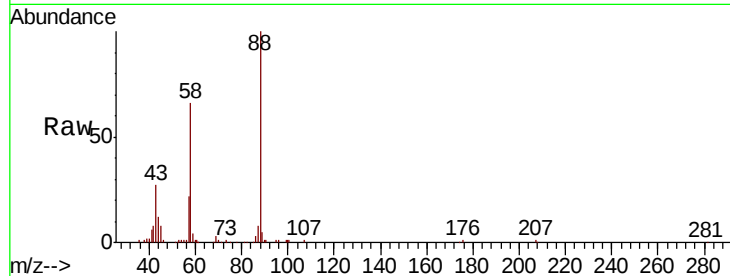




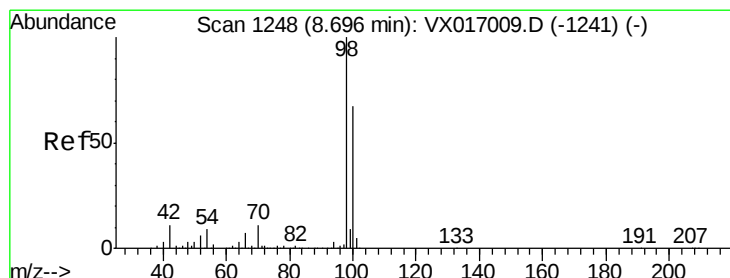
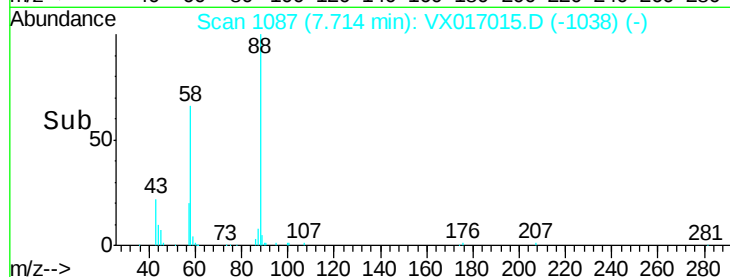
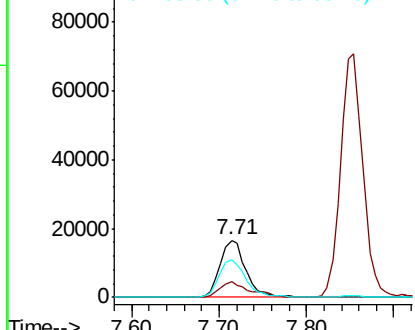
#49
1,4-Dioxane
Concen: 411.926 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Tot Ion: 88 Resp: 33860
Ion Ratio Lower Upper
88 100
43 29.9 25.8 38.8
58 69.3 54.8 82.2

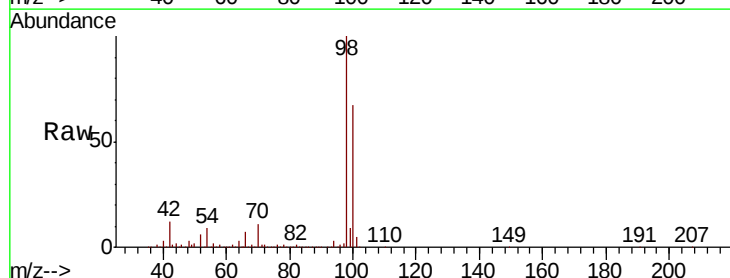


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

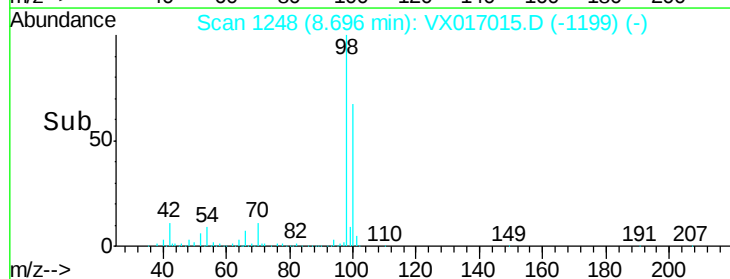
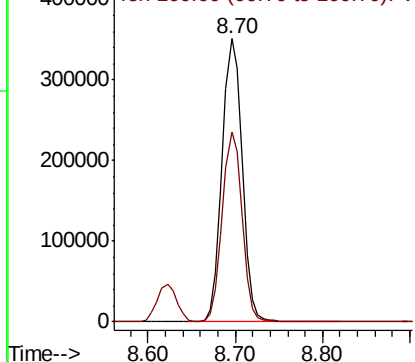


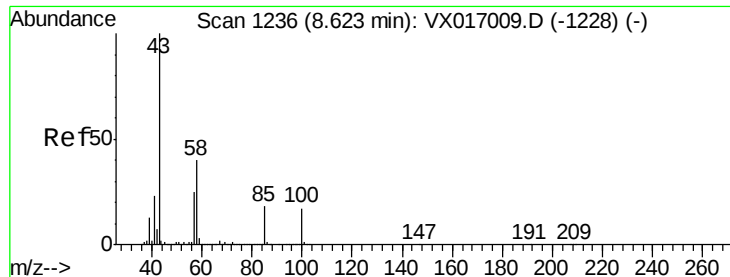
#50
Toluene-d8
Concen: 49.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 98 Resp: 558107
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



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





#51

4-Methyl-2-Pentanone

Concen: 99.819 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

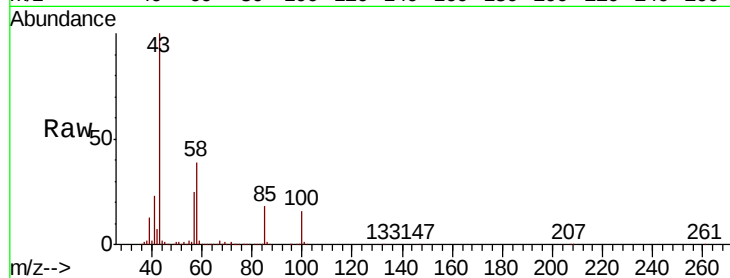
VX0629WBSD01

Tot Ion: 43 Resp: 454421

Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

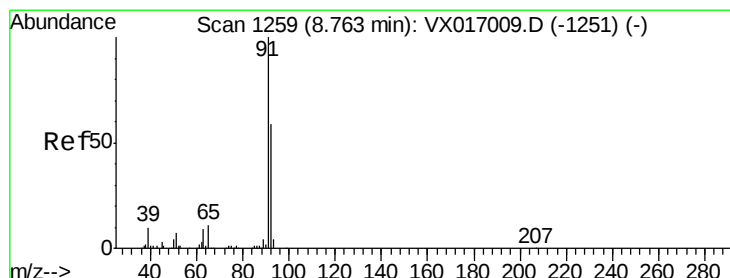
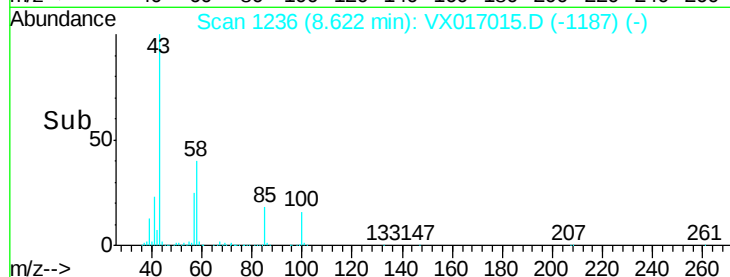
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.314 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017015.D

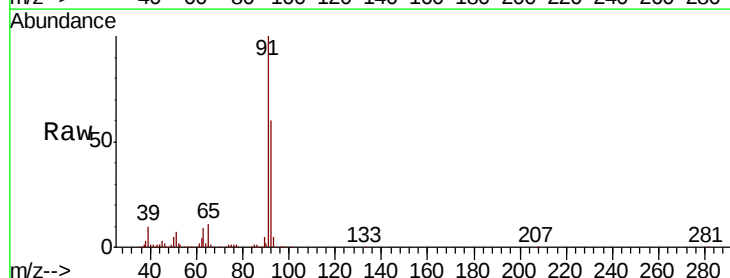
Acq: 29 Jun 2020 18:32

Tgt Ion: 92 Resp: 160490

Ion Ratio Lower Upper

92 100

91 168.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

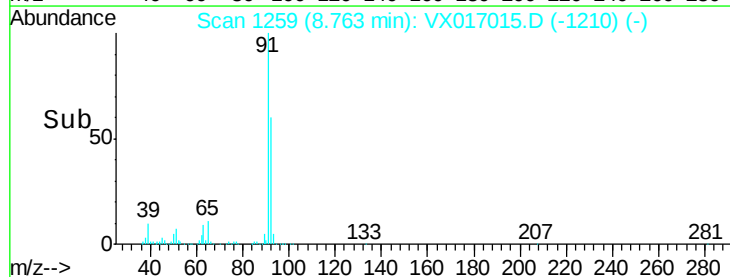
150000

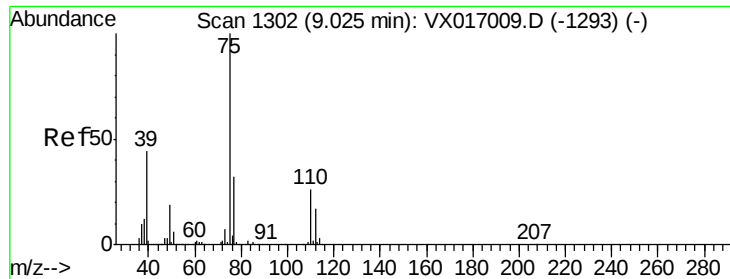
100000

50000

0

Time-->

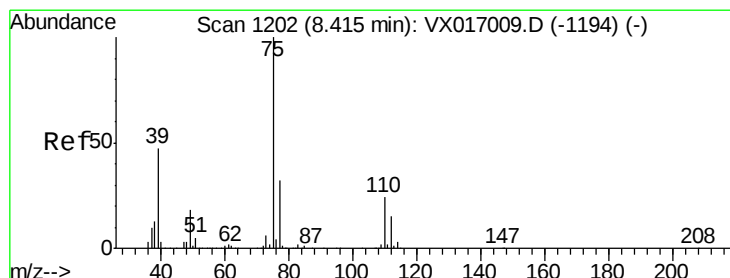
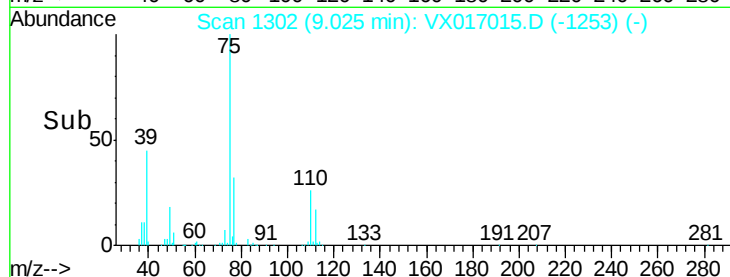
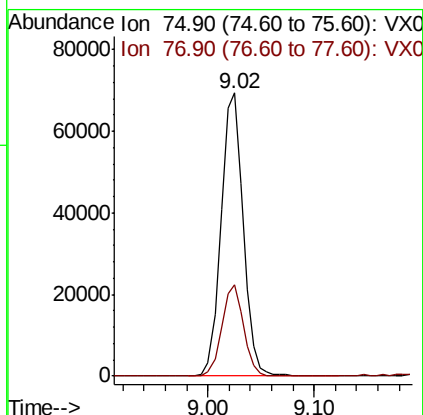
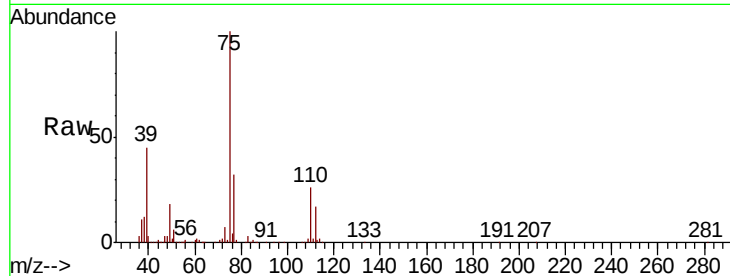




#53
t-1,3-Dichloropropene
Concen: 18.986 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

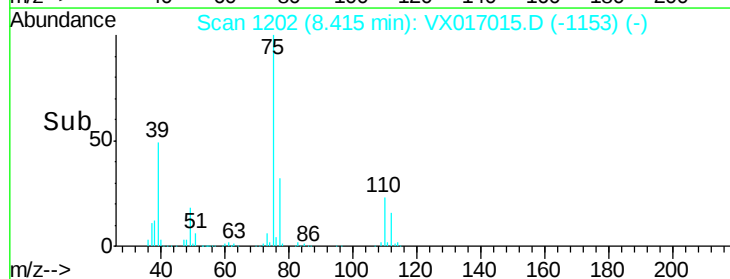
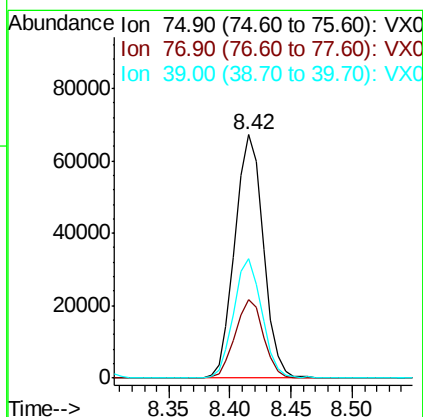
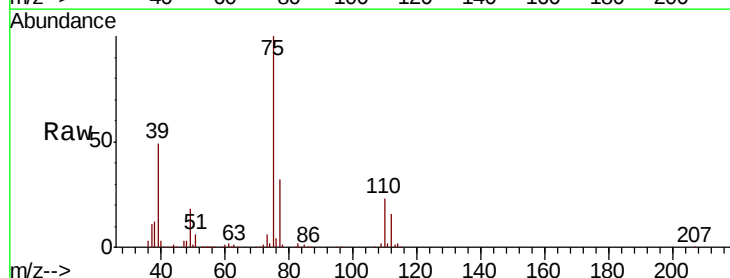
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

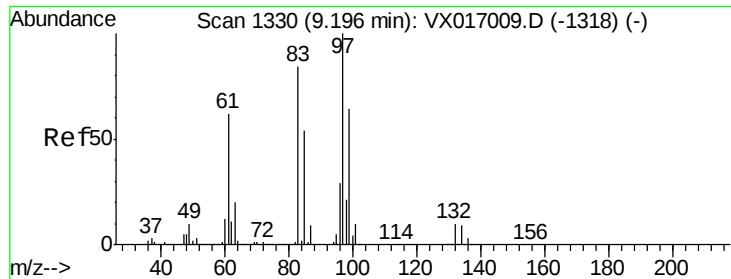
Tot Ion: 75 Resp: 100748
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.095 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 75 Resp: 108620
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 48.8 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 19.409 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

Tot Ion: 97 Resp: 65893

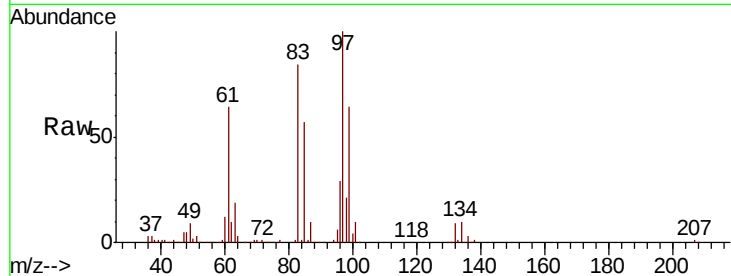
Ion Ratio Lower Upper

97 100

83 84.5 67.0 100.6

85 56.8 43.5 65.3

99 63.8 51.0 76.6

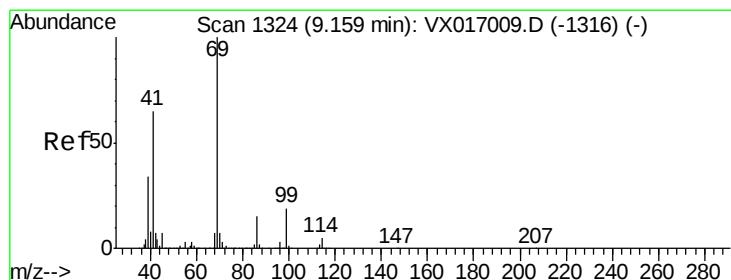
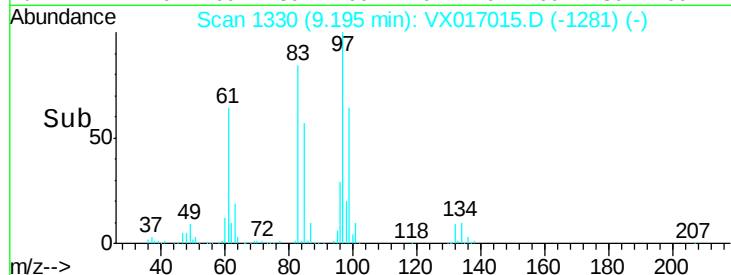
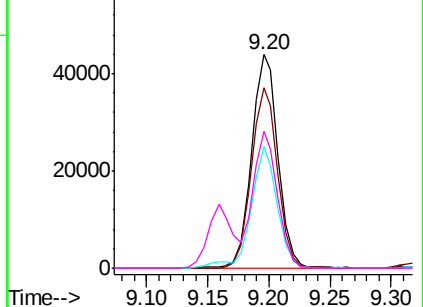


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.748 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

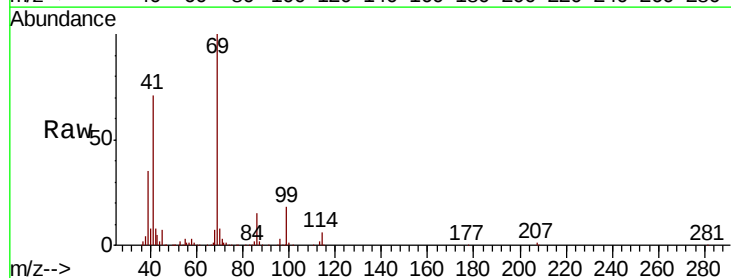
Tgt Ion: 69 Resp: 95428

Ion Ratio Lower Upper

69 100

41 68.2 53.6 80.4

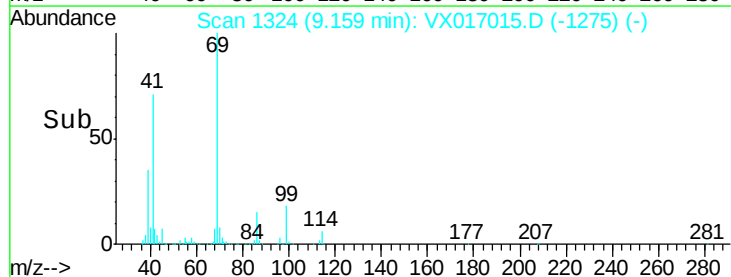
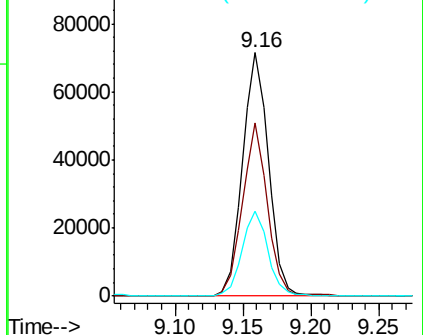
39 34.6 28.2 42.2

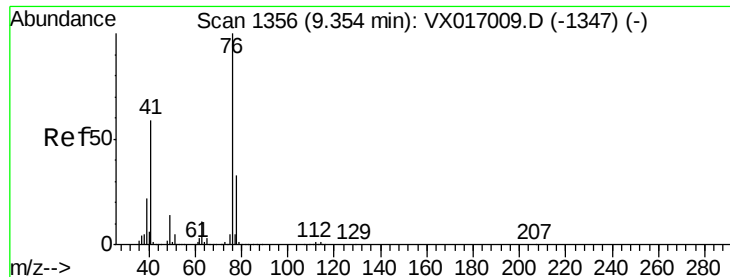


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.386 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

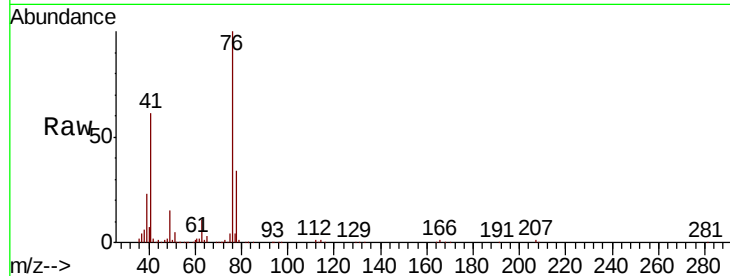
VX0629WBSD01

Tot Ion: 76 Resp: 111369

Ion Ratio Lower Upper

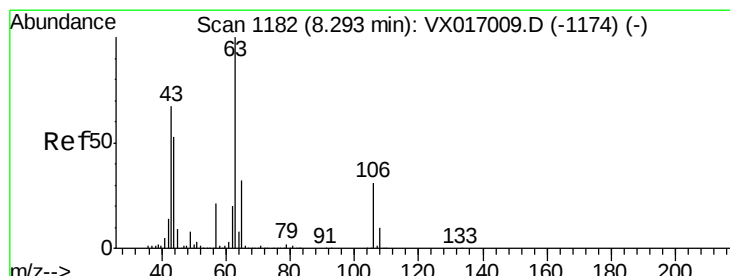
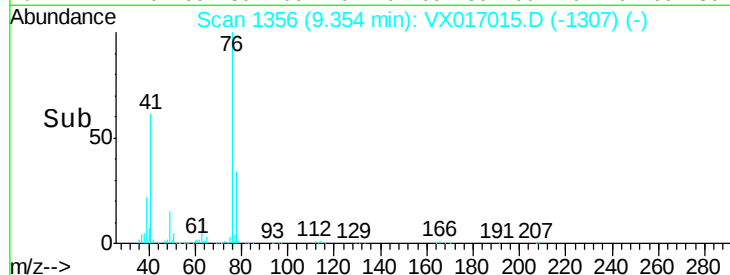
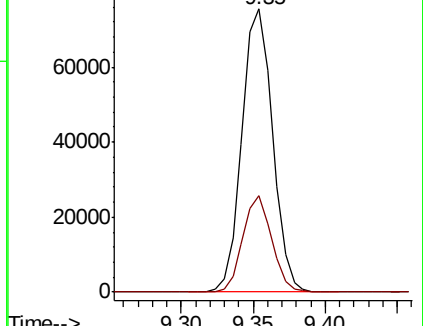
76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.689 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017015.D

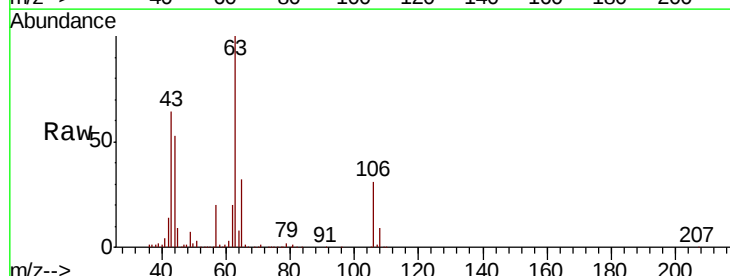
Acq: 29 Jun 2020 18:32

Tgt Ion: 63 Resp: 237342

Ion Ratio Lower Upper

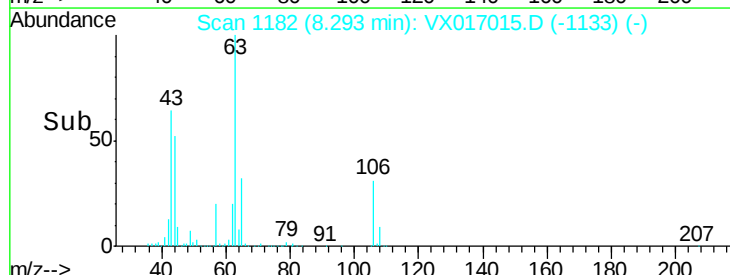
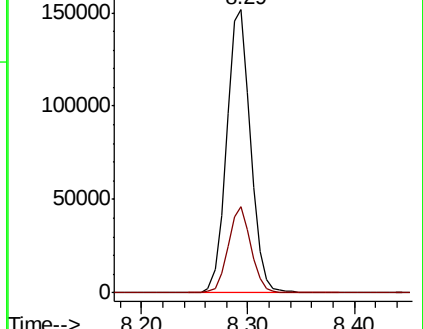
63 100

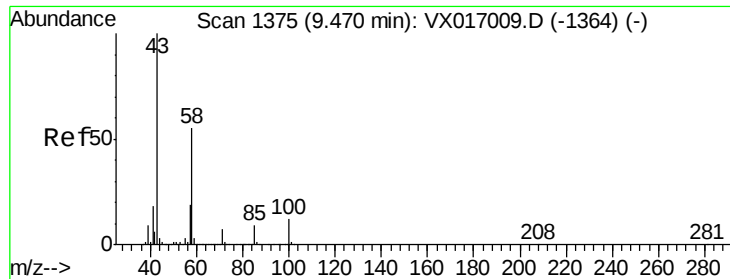
106 29.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

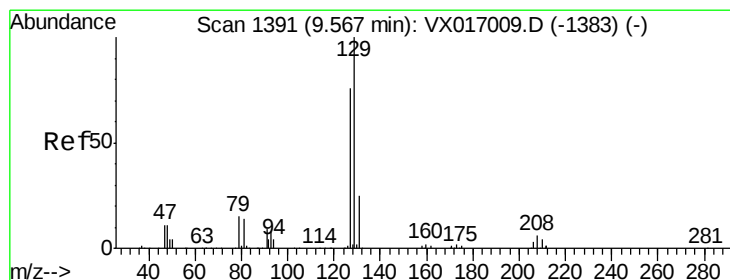
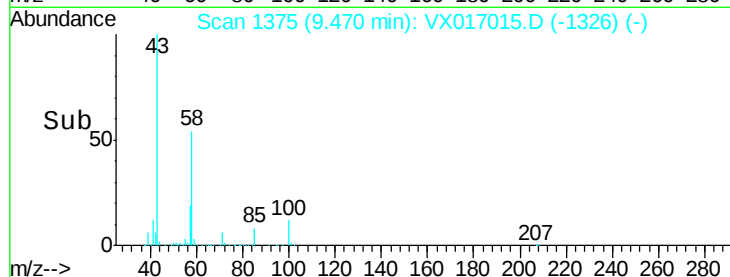
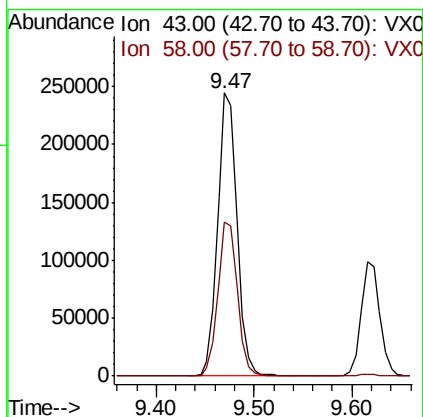
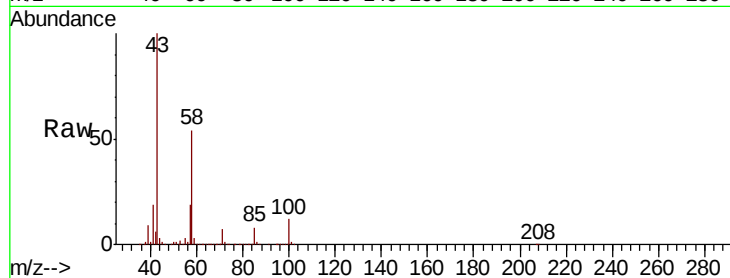




#59
2-Hexanone
Concen: 101.287 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

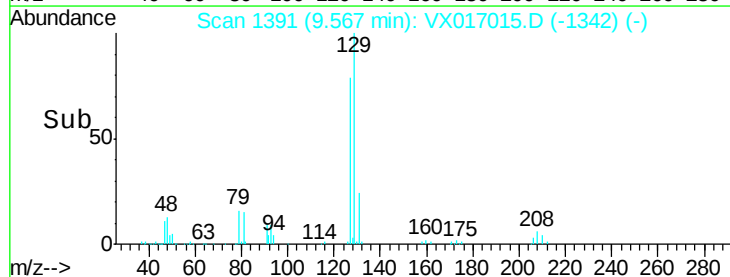
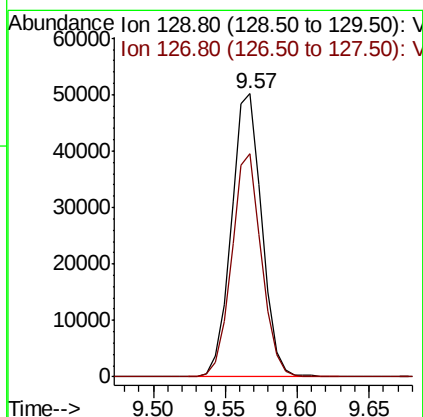
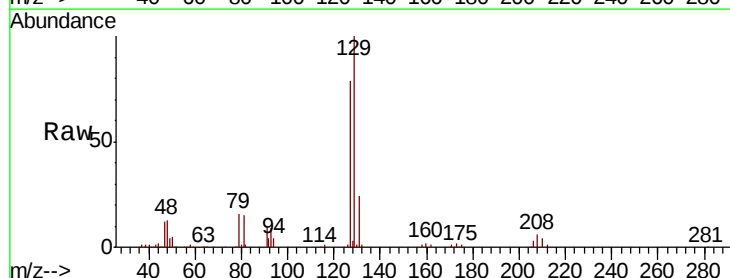
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

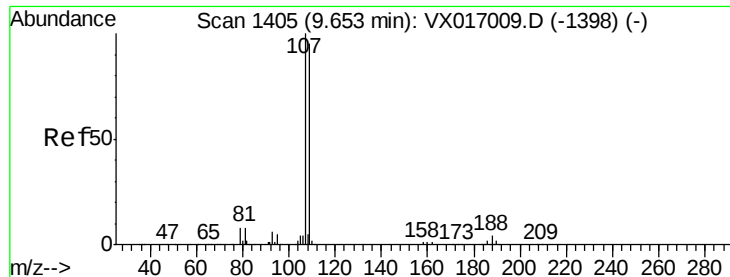
Tot Ion: 43 Resp: 336760
Ion Ratio Lower Upper
43 100
58 54.8 27.9 83.6



#60
Dibromochloromethane
Concen: 18.795 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 129 Resp: 74113
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.117 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

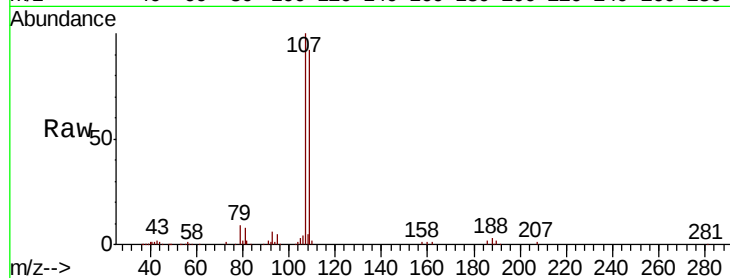
VX0629WBSD01

Tot Ion:107 Resp: 69762

Ion Ratio Lower Upper

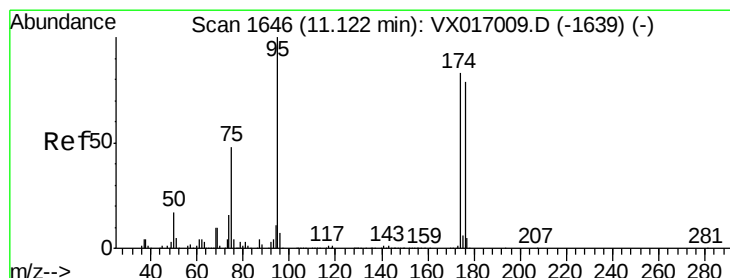
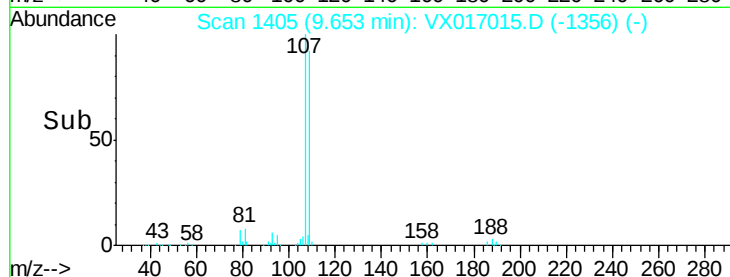
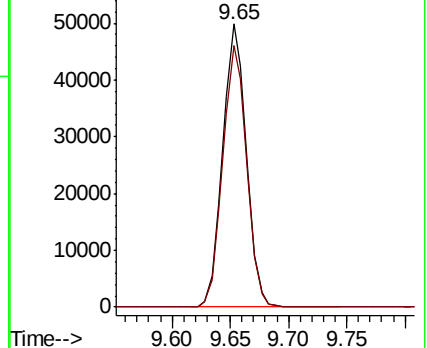
107 100

109 93.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.490 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

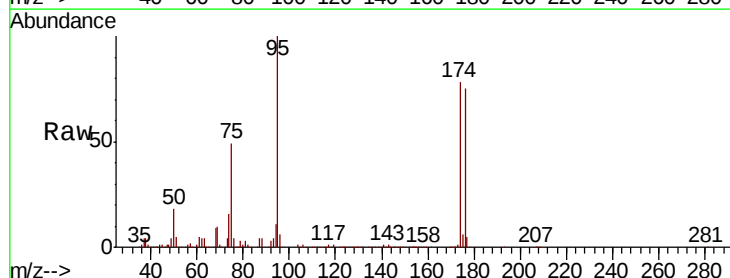
Tgt Ion: 95 Resp: 216887

Ion Ratio Lower Upper

95 100

174 77.6 0.0 164.0

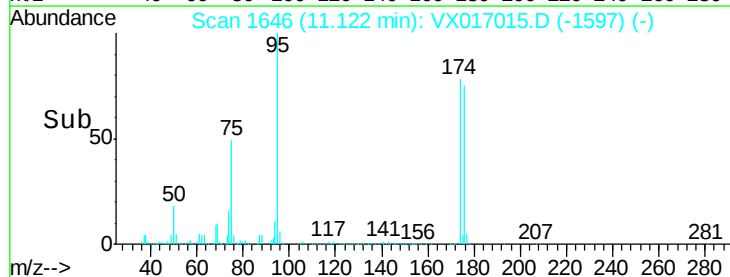
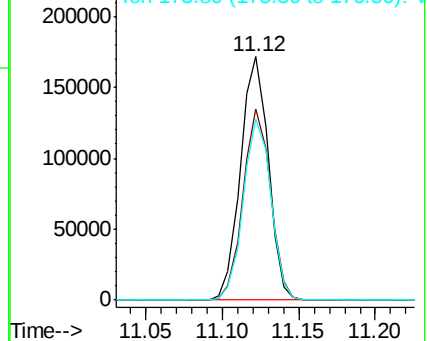
176 74.3 0.0 157.6

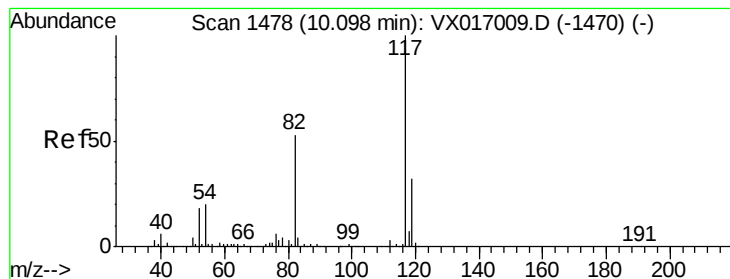


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

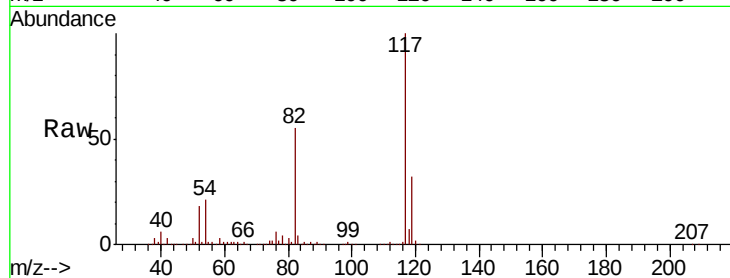
Tot Ion:117 Resp: 448139

Ion Ratio Lower Upper

117 100

82 54.7 42.6 63.8

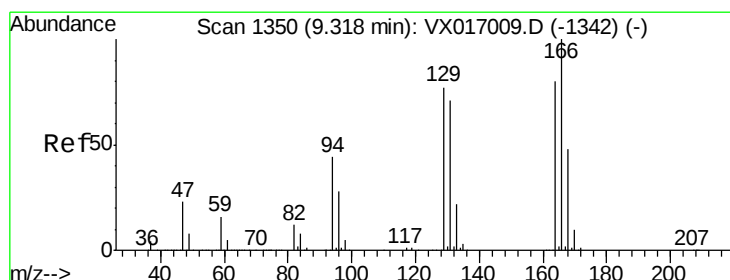
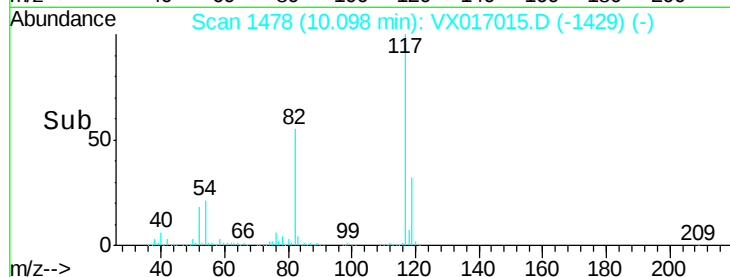
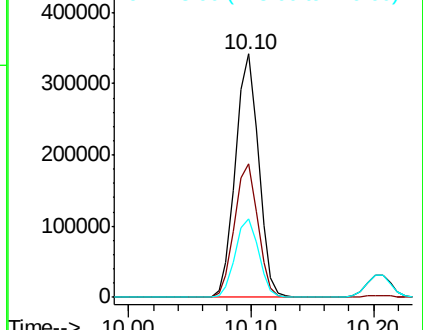
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.599 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion:164 Resp: 67270

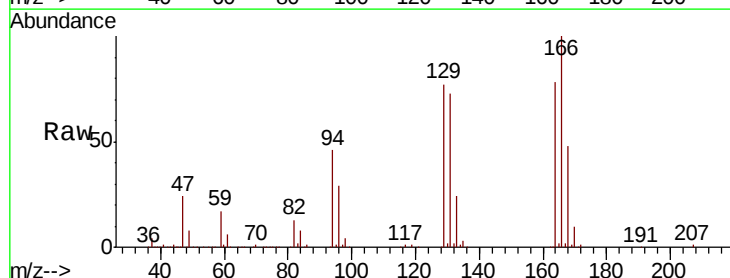
Ion Ratio Lower Upper

164 100

166 128.6 99.4 149.0

129 98.8 76.3 114.5

131 94.2 70.6 105.8

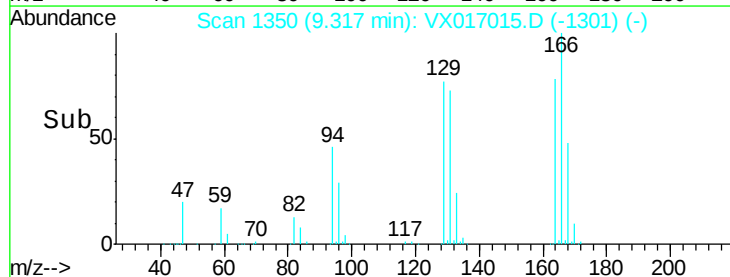
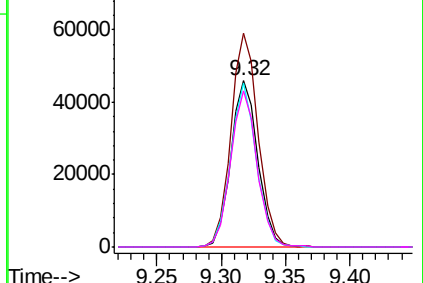


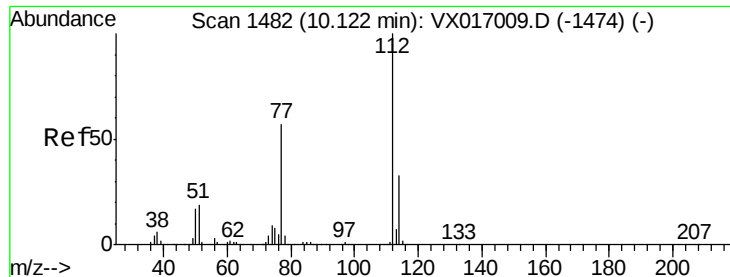
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.786 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

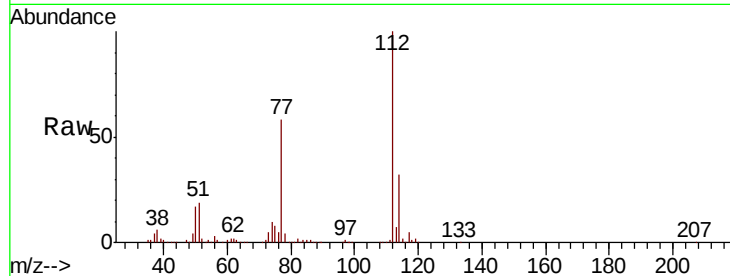
VX0629WBSD01

Tot Ion:112 Resp: 173755

Ion Ratio Lower Upper

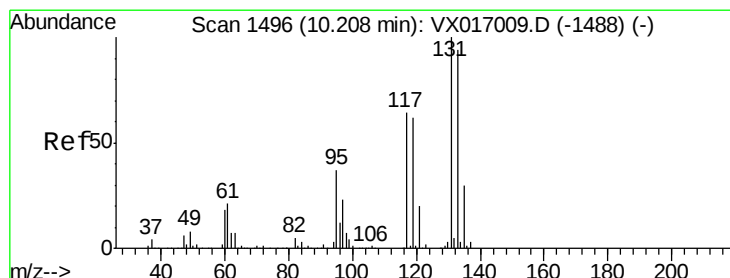
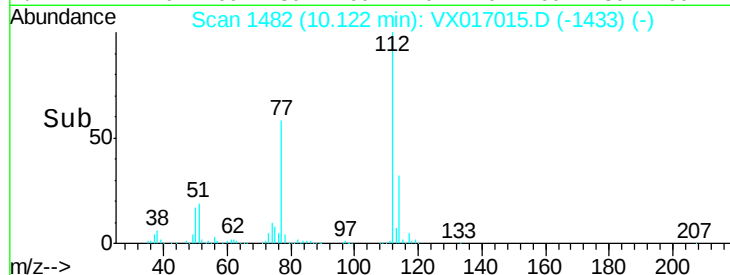
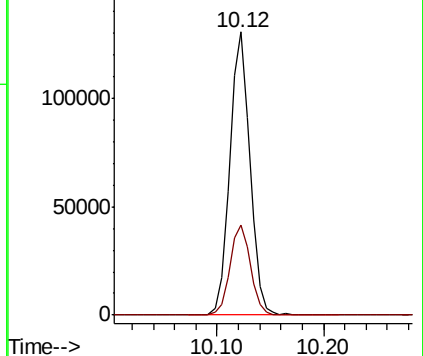
112 100

114 31.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.918 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

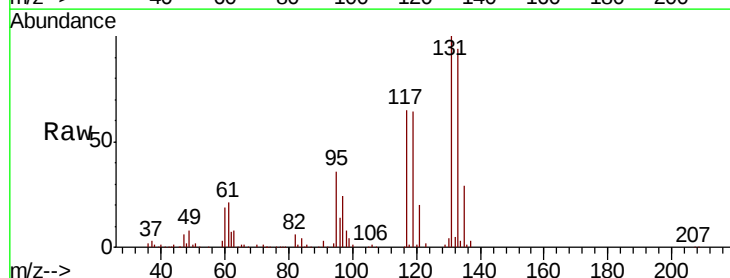
Tgt Ion:131 Resp: 67436

Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.9

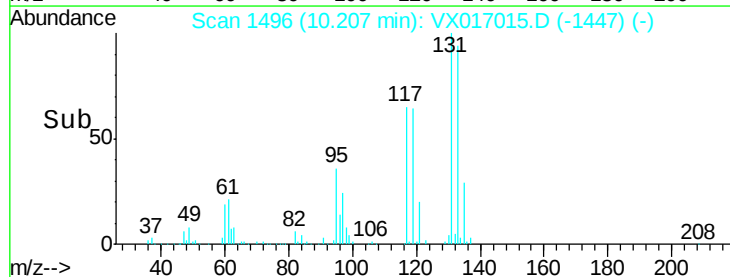
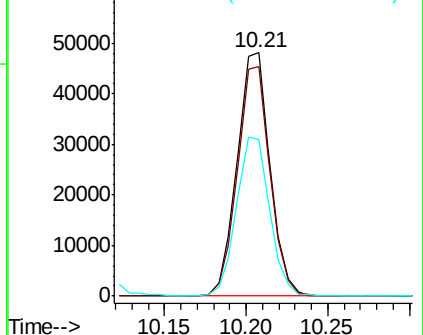
119 66.1 31.9 95.5

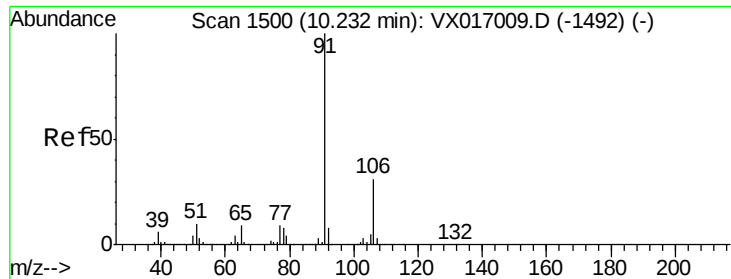


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.413 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

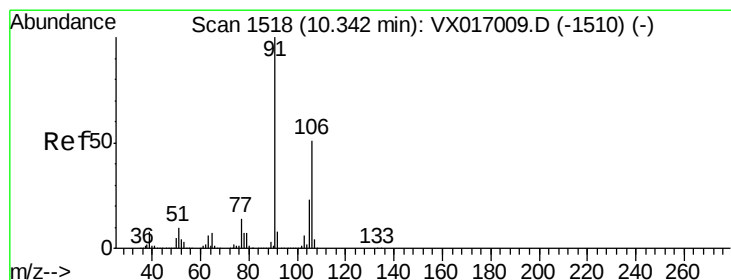
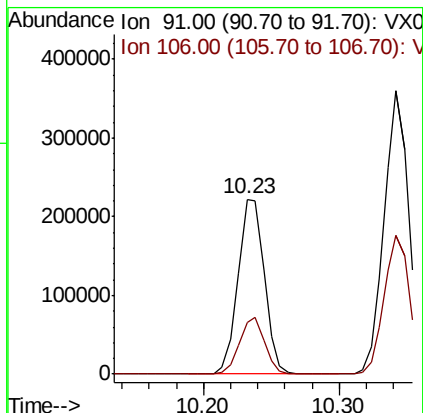
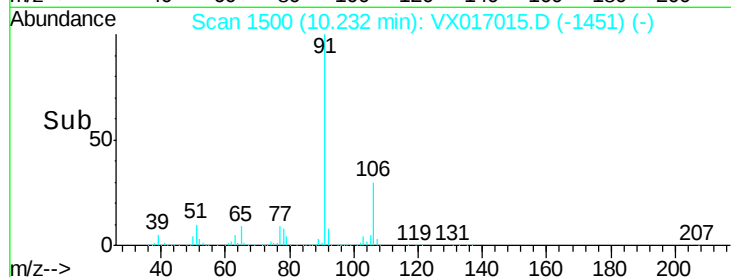
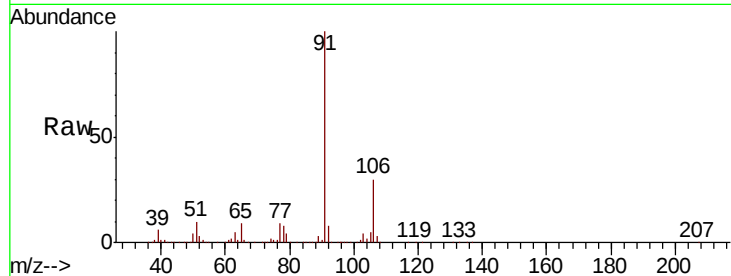
VX0629WBSD01

Tot Ion: 91 Resp: 299856

Ion Ratio Lower Upper

91 100

106 29.6 24.7 37.1



#68

m/p-Xylenes

Concen: 39.075 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017015.D

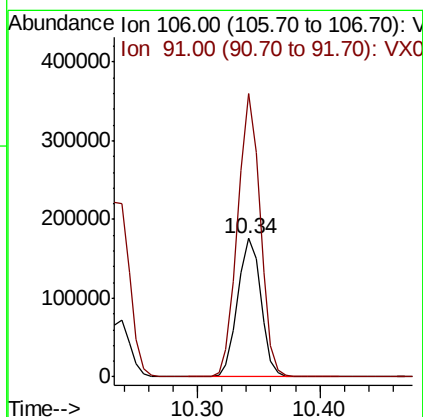
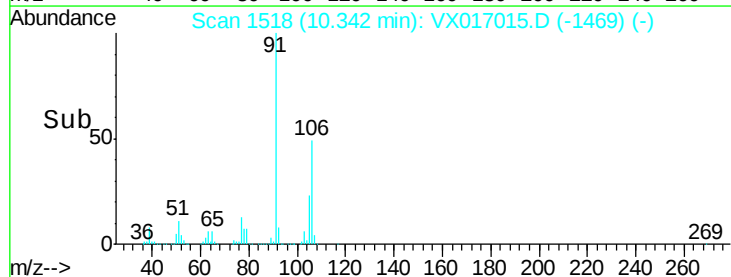
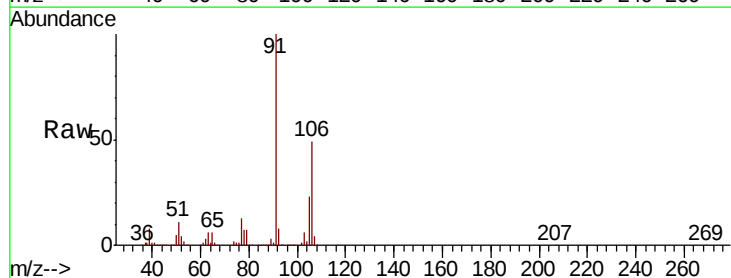
Acq: 29 Jun 2020 18:32

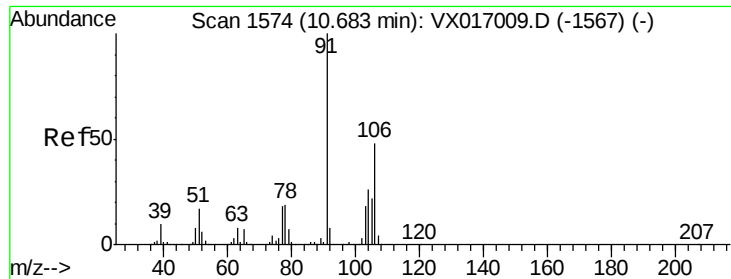
Tgt Ion: 106 Resp: 231751

Ion Ratio Lower Upper

106 100

91 198.1 158.6 238.0

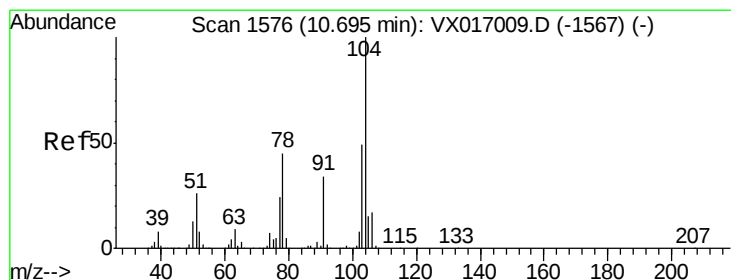
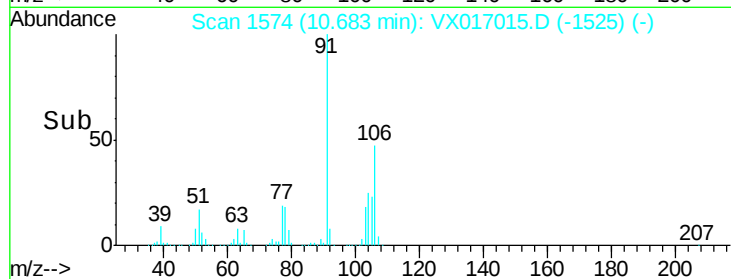
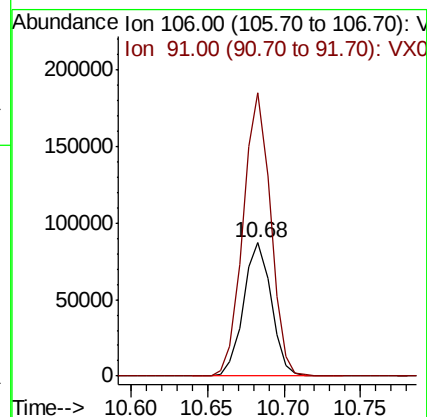
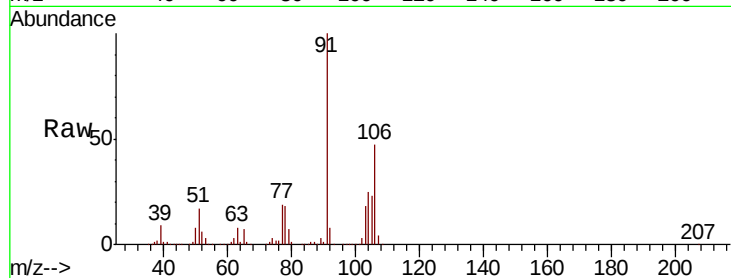




#69
o-Xylene
Concen: 19.482 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

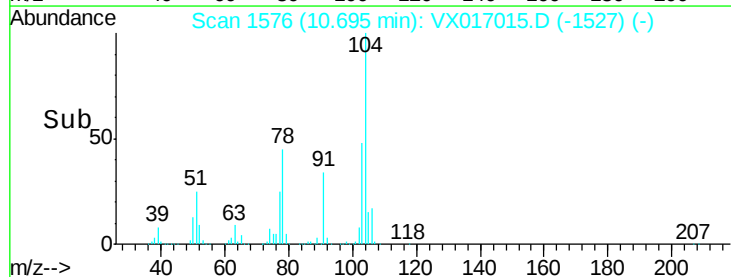
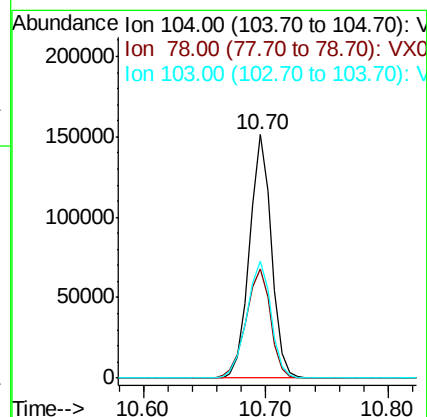
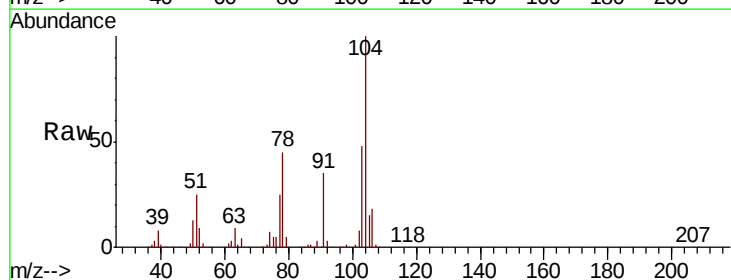
Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

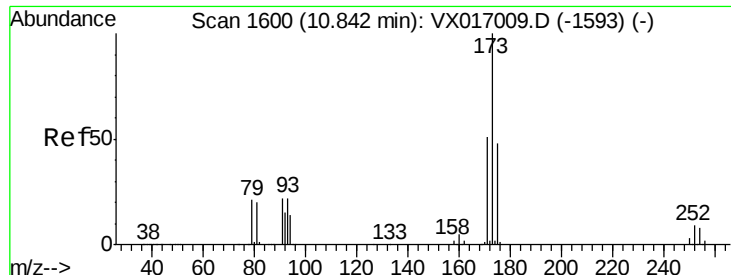
Tot Ion:106 Resp: 109918
Ion Ratio Lower Upper
106 100
91 210.4 105.6 316.7



#70
Styrene
Concen: 19.607 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion:104 Resp: 188380
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 53.4 43.0 64.6





#71

Bromoform

Concen: 18.849 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

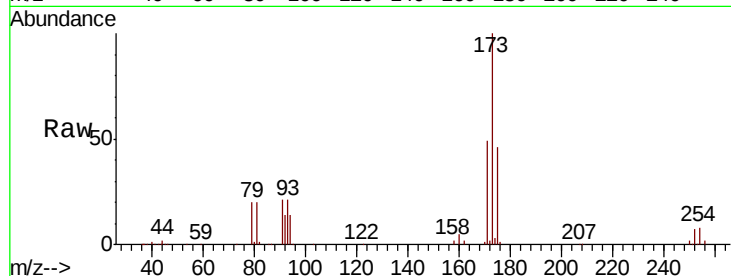
Tot Ion:173 Resp: 53281

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

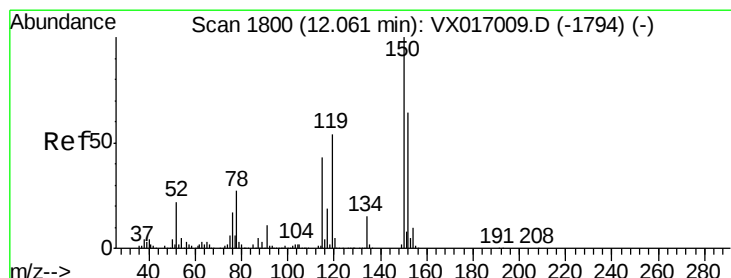
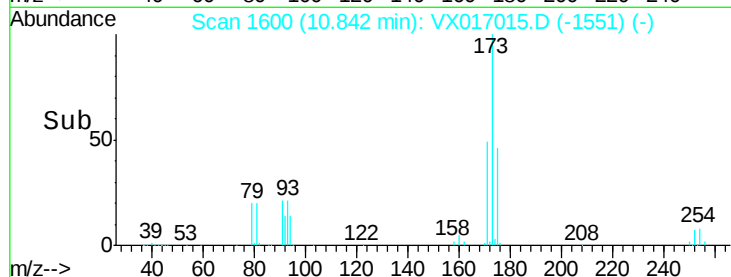
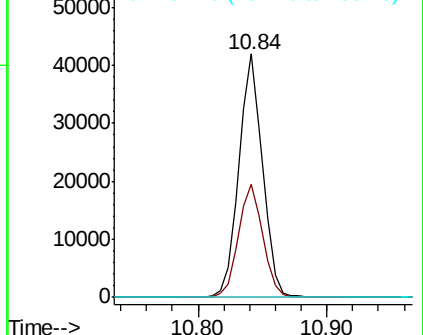
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

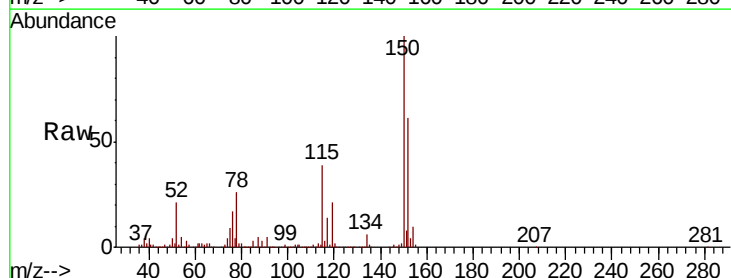
Tgt Ion:152 Resp: 229924

Ion Ratio Lower Upper

152 100

115 67.8 40.9 122.7

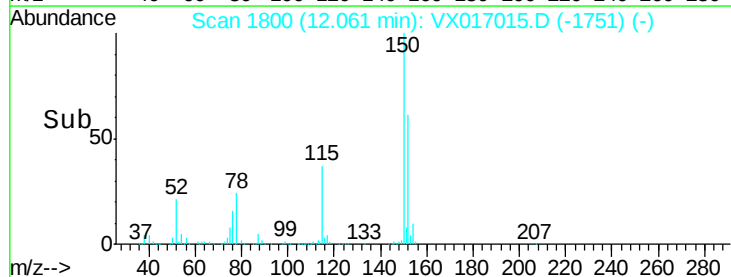
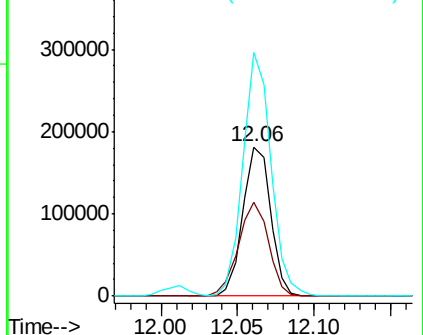
150 164.6 0.0 351.6

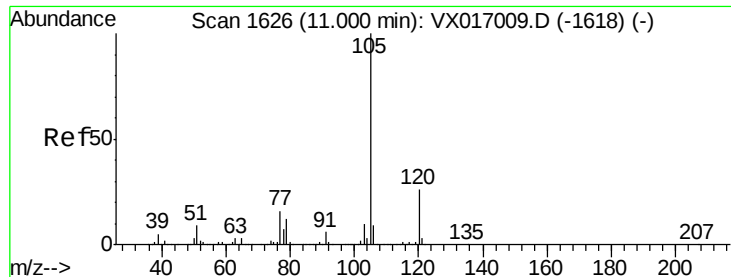


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.825 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampled :

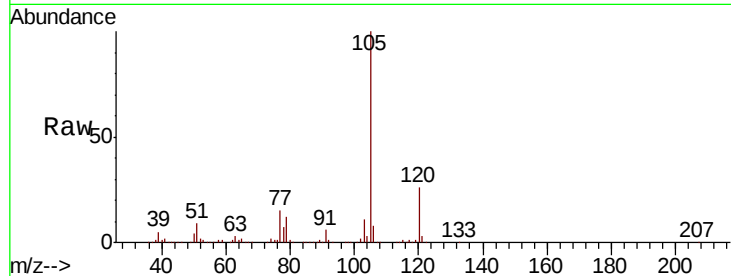
VX0629WBSD01

Tot Ion:105 Resp: 298572

Ion Ratio Lower Upper

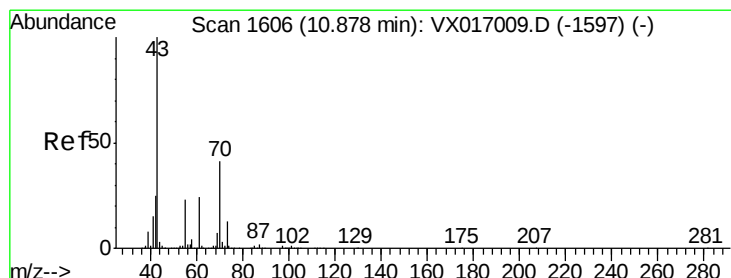
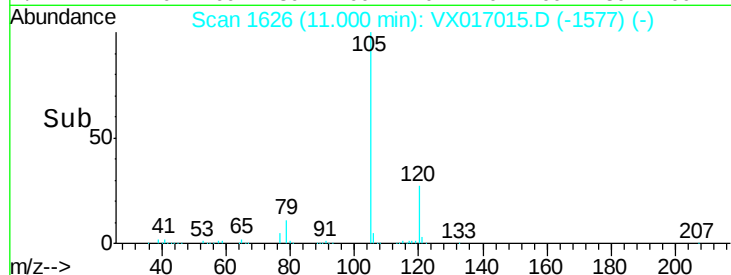
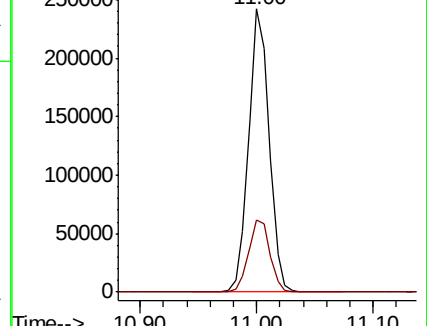
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.958 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Tgt Ion: 43 Resp: 128253

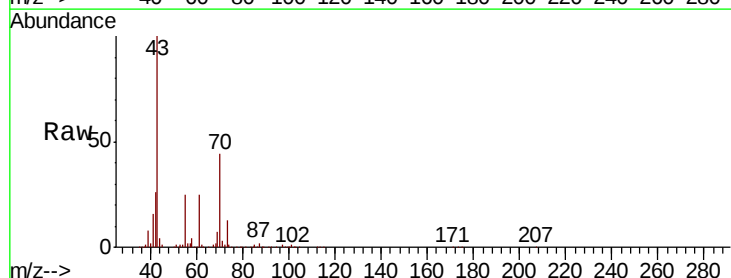
Ion Ratio Lower Upper

43 100

70 43.2 34.2 51.2

55 24.3 19.2 28.8

61 24.4 19.6 29.4

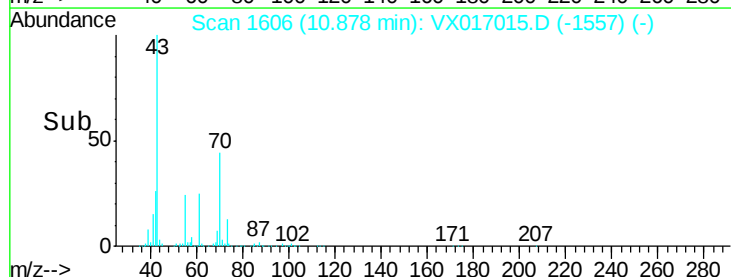
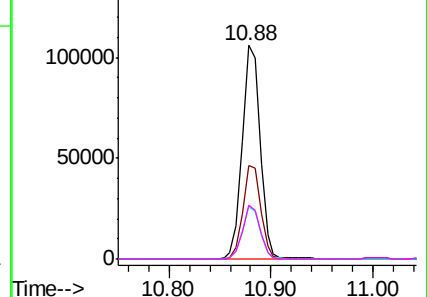


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

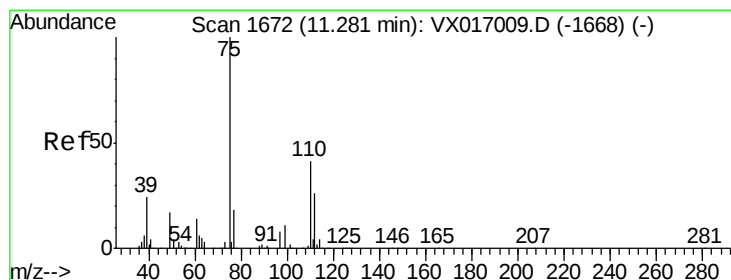
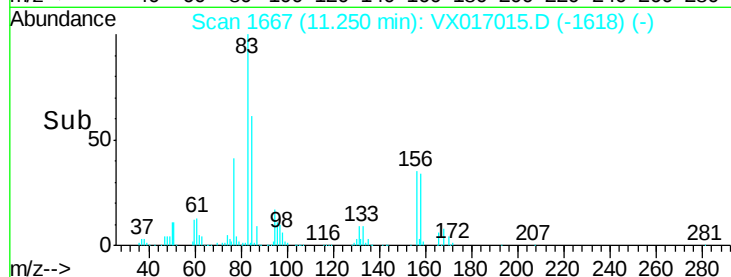
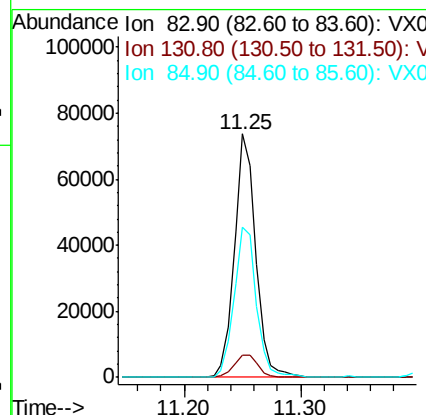
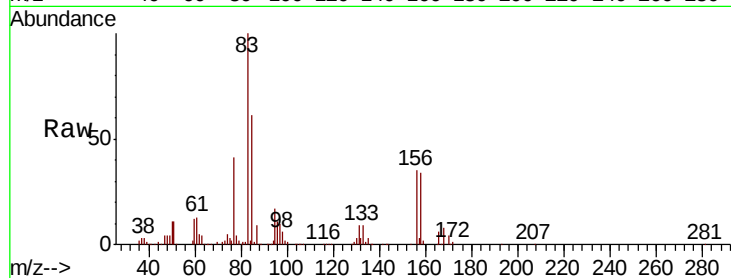




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.796 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

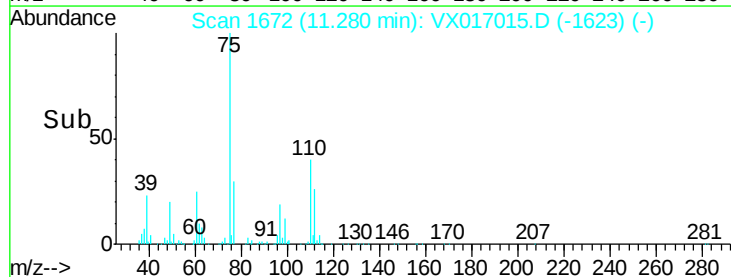
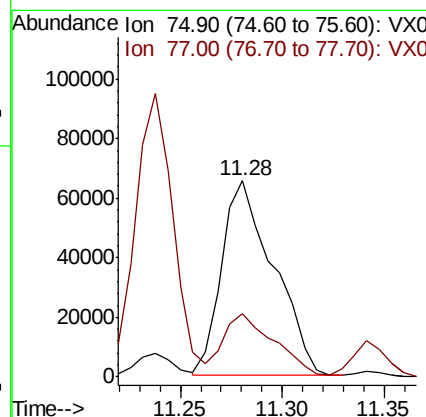
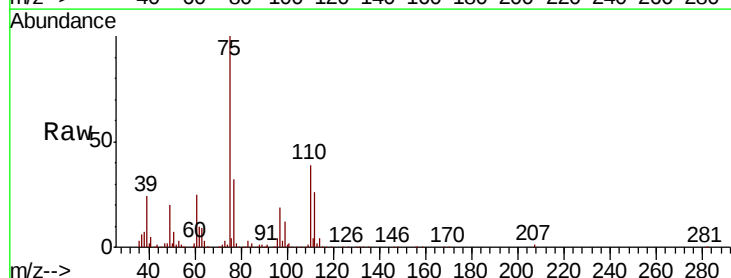
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

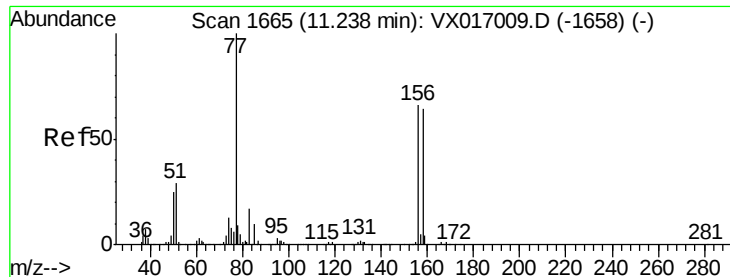
Tot Ion: 83 Resp: 93779
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 64.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 25.524 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 75 Resp: 115401
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.2 60.6





#77

Bromobenzene

Concen: 18.316 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

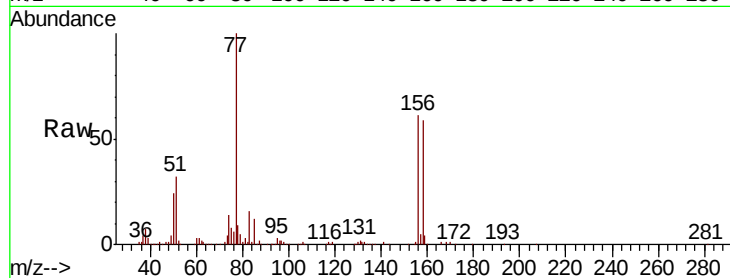
Tot Ion:156 Resp: 75811

Ion Ratio Lower Upper

156 100

77 162.6 76.9 230.7

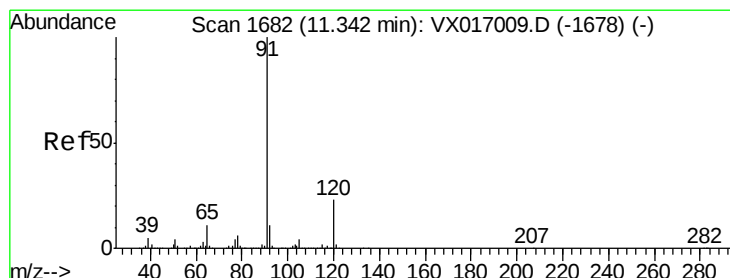
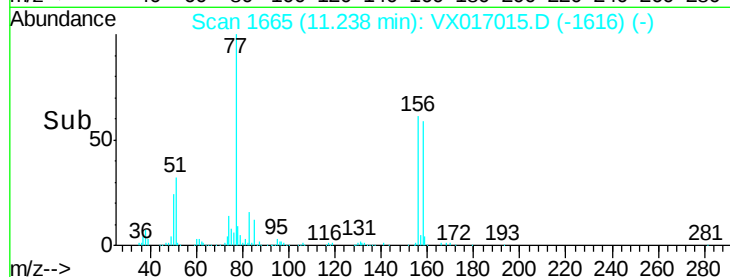
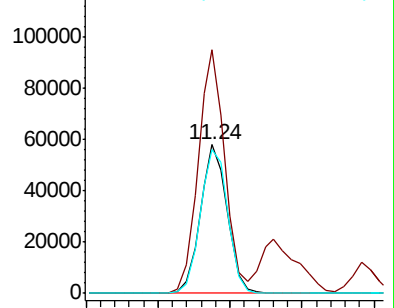
158 99.0 47.9 143.6



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: 19.766 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017015.D

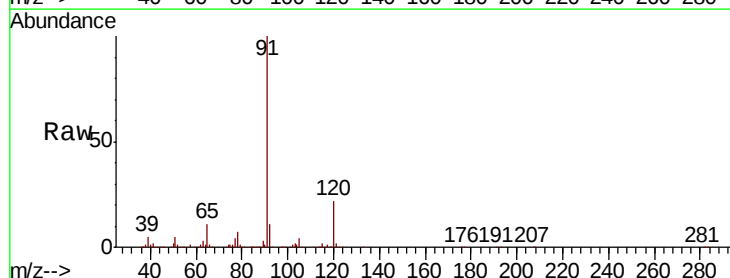
Acq: 29 Jun 2020 18:32

Tgt Ion: 91 Resp: 336627

Ion Ratio Lower Upper

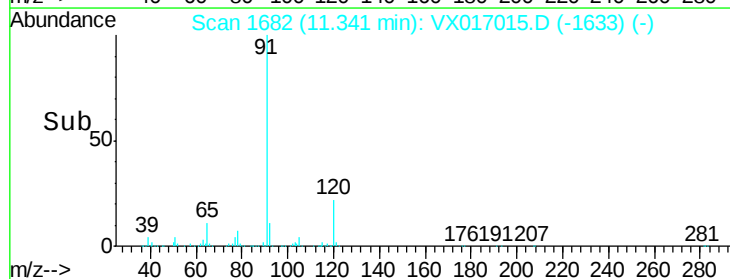
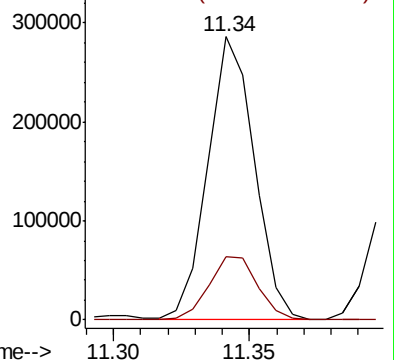
91 100

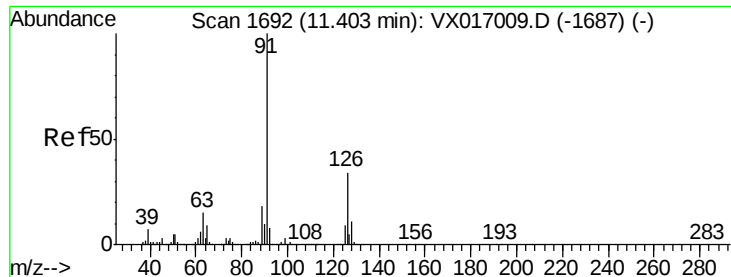
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

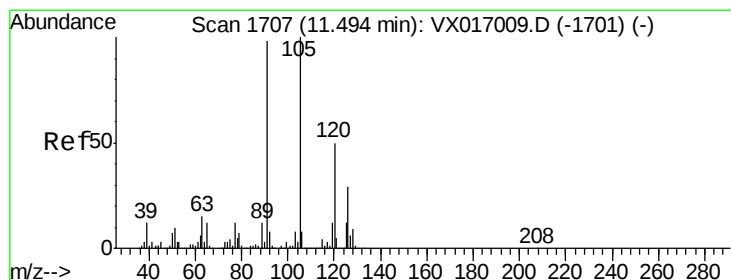
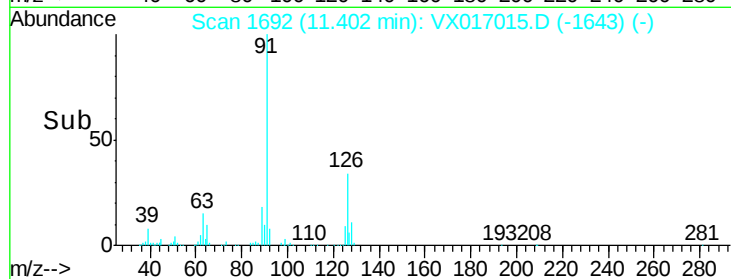
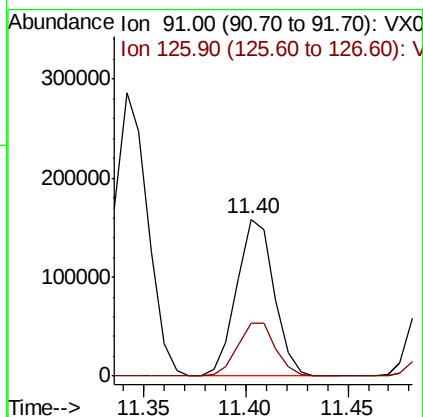
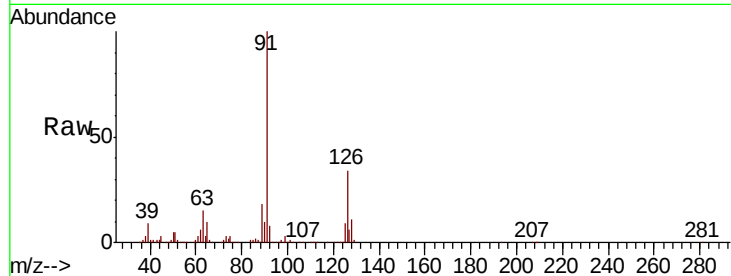




#79
 2-Chlorotoluene
 Concen: 19.496 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

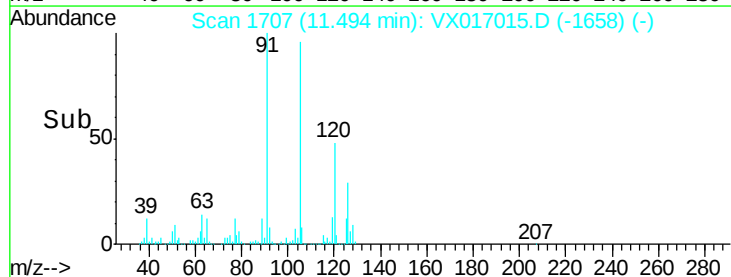
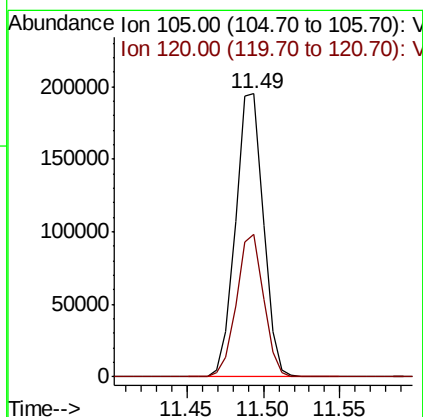
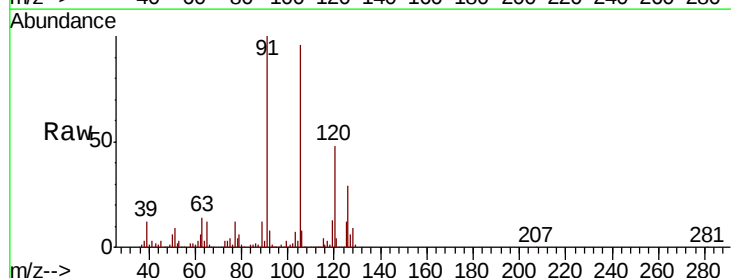
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

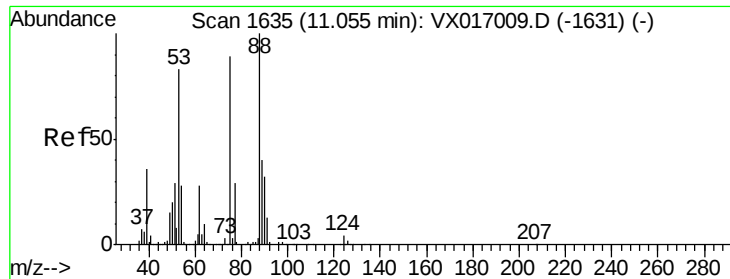
Tot Ion: 91 Resp: 200950
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.731 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion: 105 Resp: 246476
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.843 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

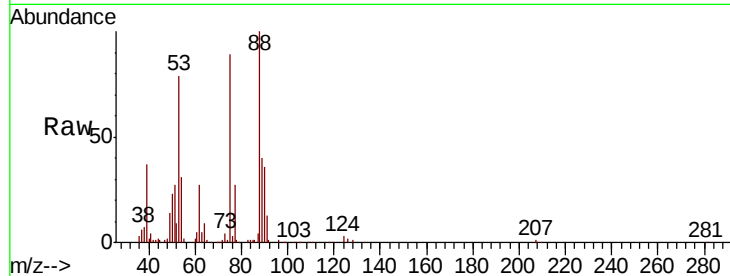
Tot Ion: 75 Resp: 32898

Ion Ratio Lower Upper

75 100

53 96.5 72.4 108.6

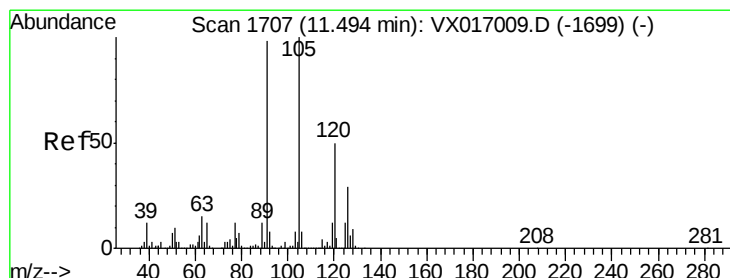
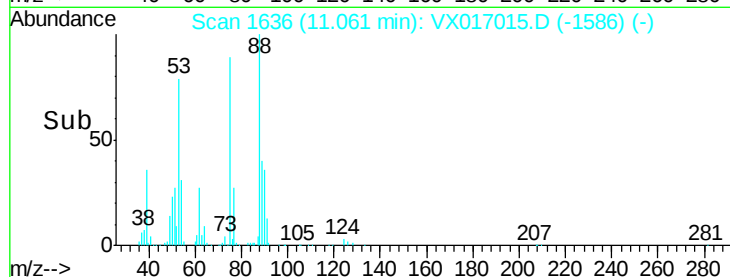
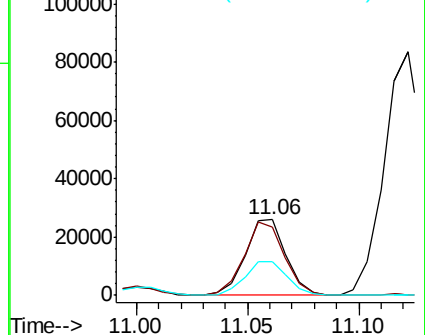
89 47.6 37.0 55.4



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: 19.641 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017015.D

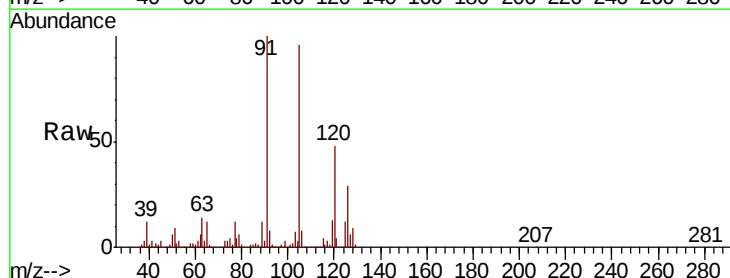
Acq: 29 Jun 2020 18:32

Tgt Ion: 91 Resp: 242004

Ion Ratio Lower Upper

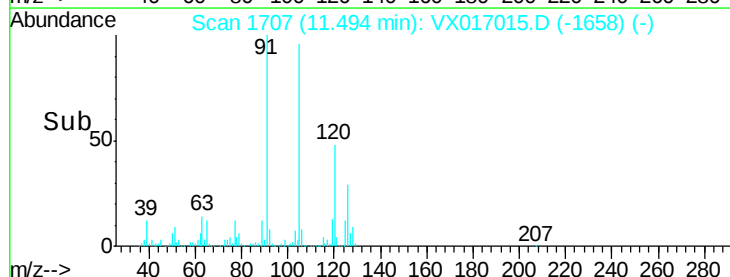
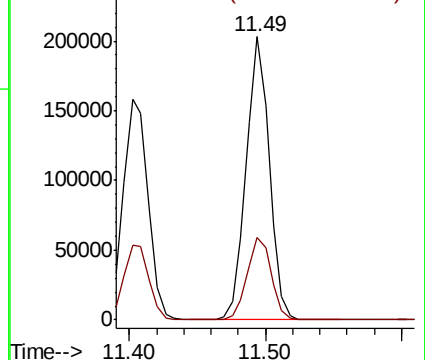
91 100

126 30.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.344 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampled :

VX0629WBSD01

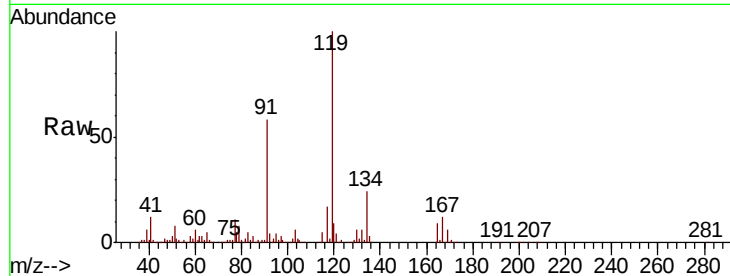
Tot Ion:119 Resp: 237213

Ion Ratio Lower Upper

119 100

91 56.8 28.3 84.9

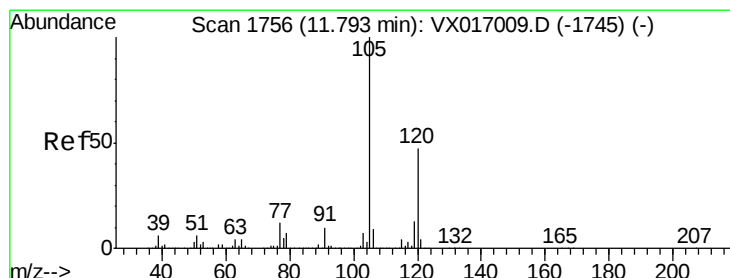
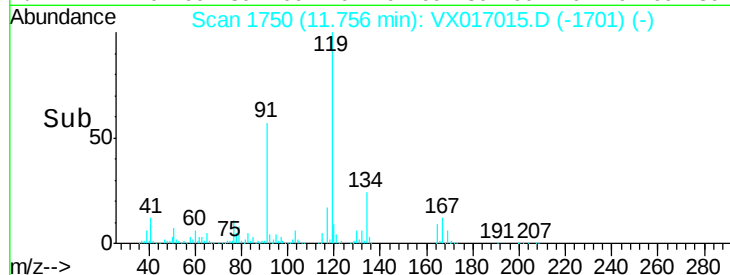
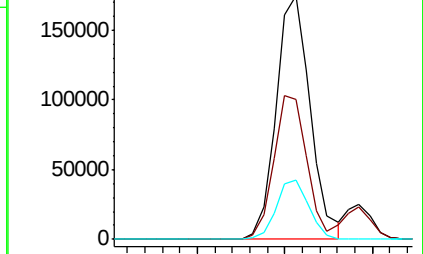
134 23.2 11.7 35.1



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: 19.831 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017015.D

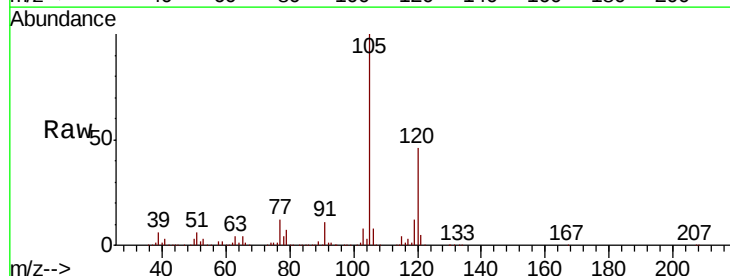
Acq: 29 Jun 2020 18:32

Tgt Ion:105 Resp: 251322

Ion Ratio Lower Upper

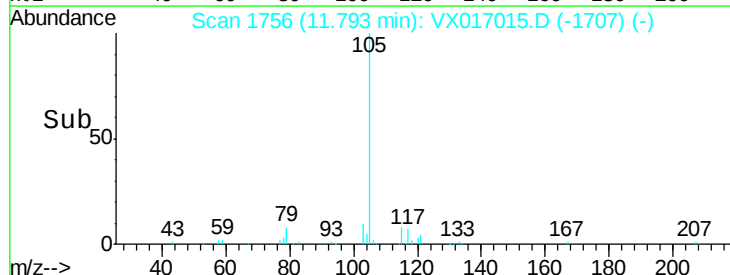
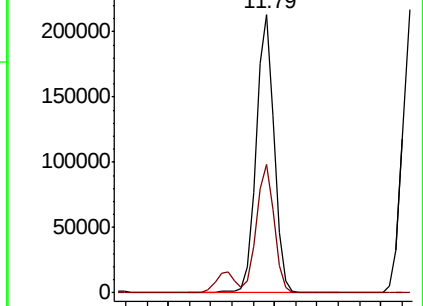
105 100

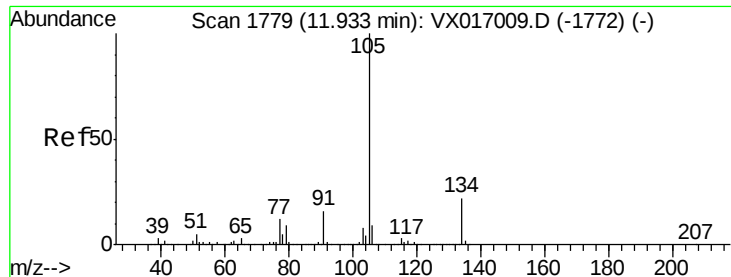
120 45.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

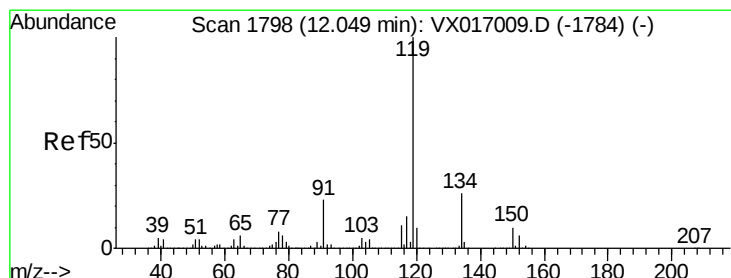
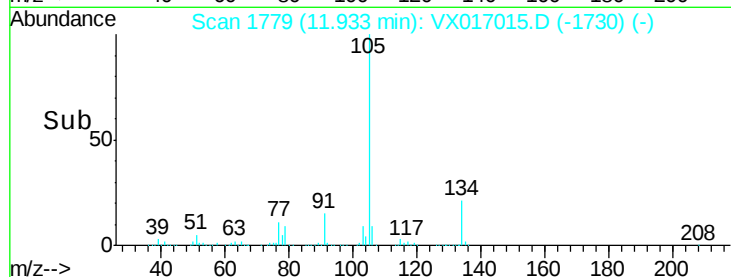
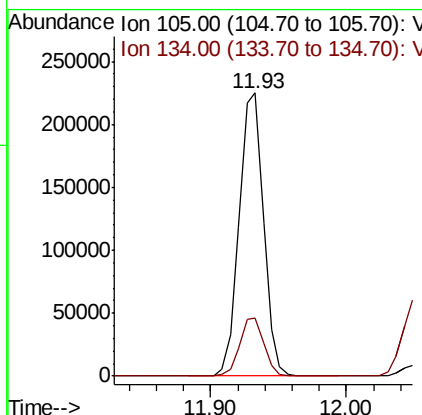
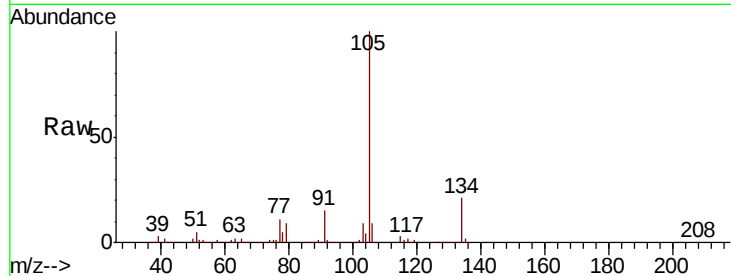




#85
 sec-Butylbenzene
 Concen: 19.446 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

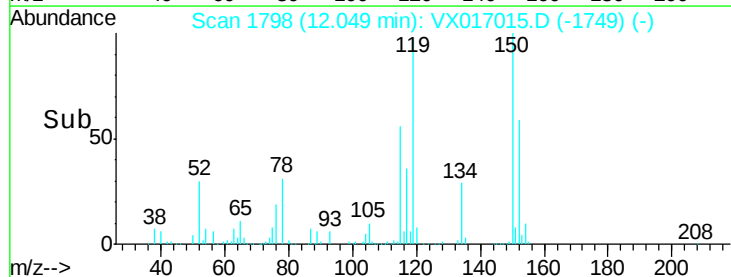
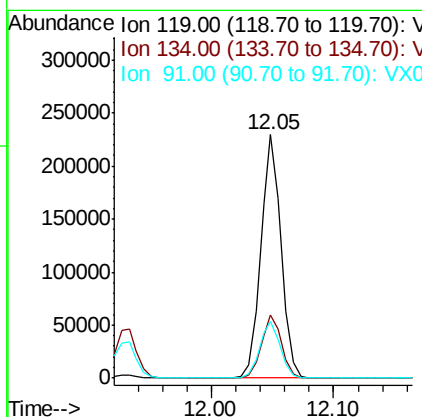
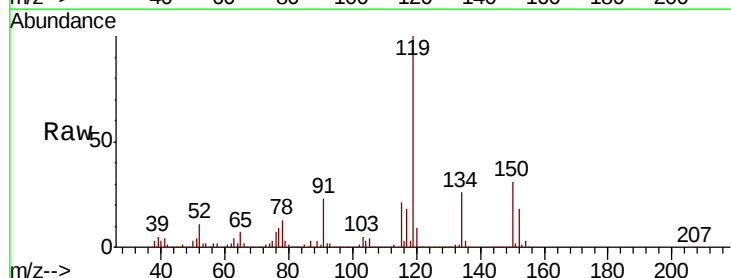
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

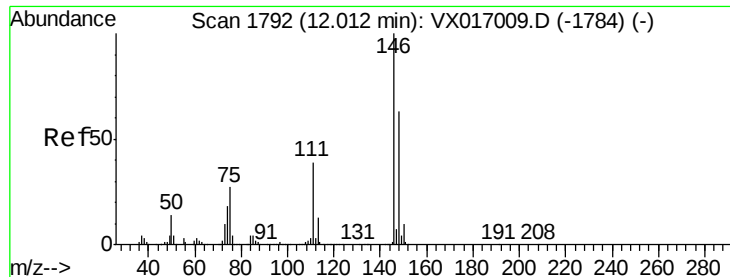
Tot Ion:105 Resp: 280314
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.756 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion:119 Resp: 265105
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 23.5 11.8 35.4

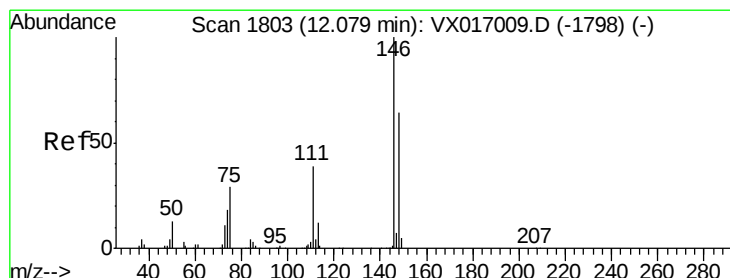
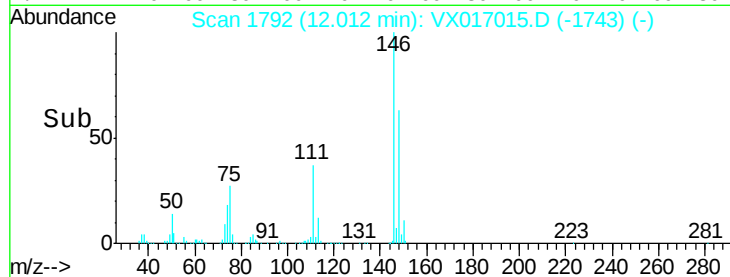
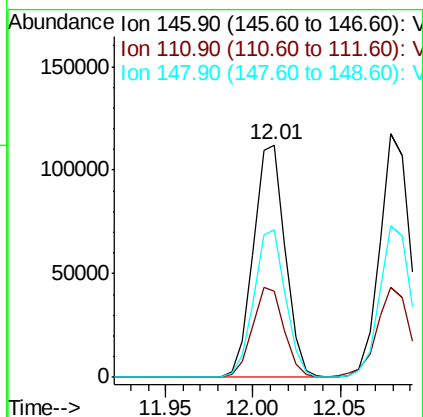
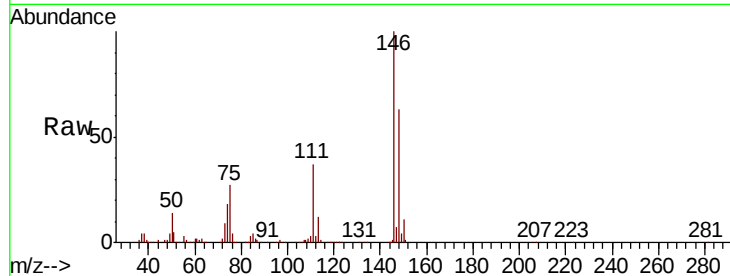




#87
 1,3-Dichlorobenzene
 Concen: 18.932 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

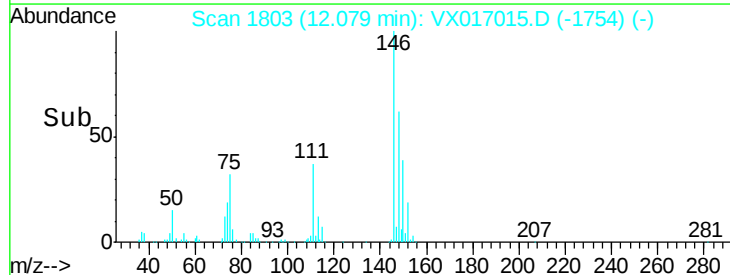
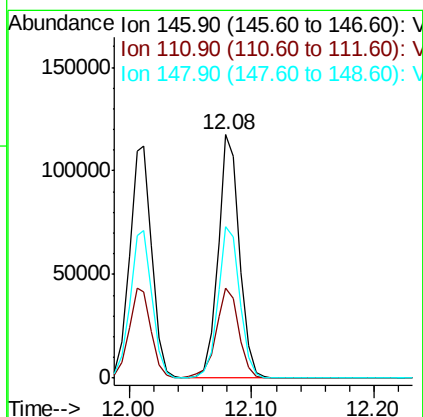
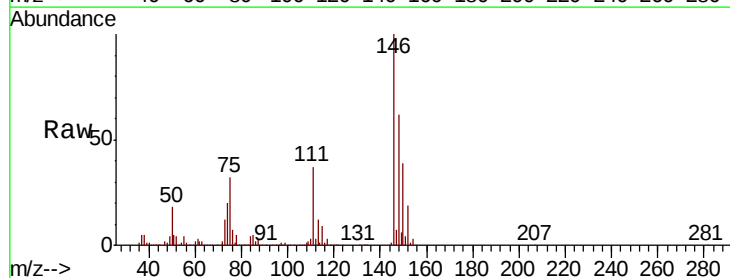
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

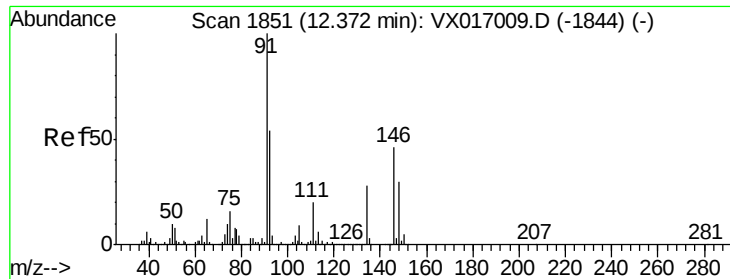
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.2
148	63.0	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.884 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.0	31.9	95.7

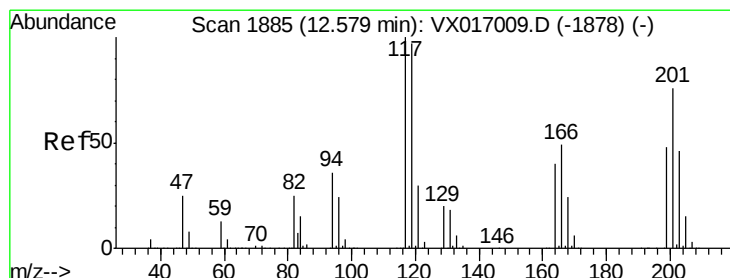
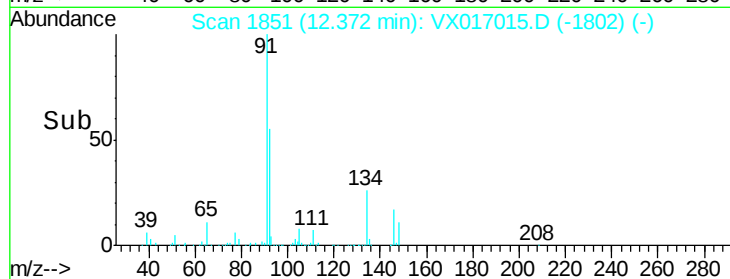
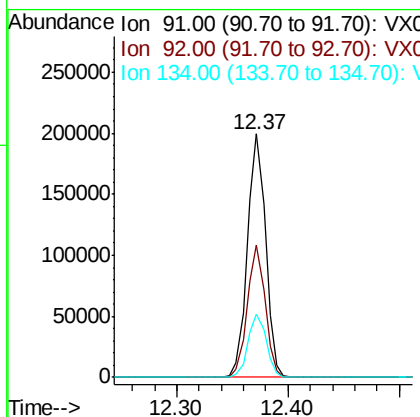
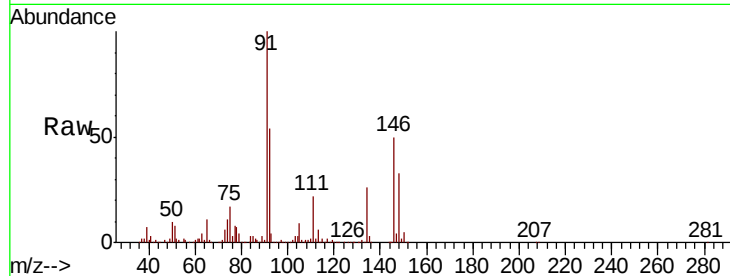




#89
n-Butylbenzene
Concen: 18.831 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

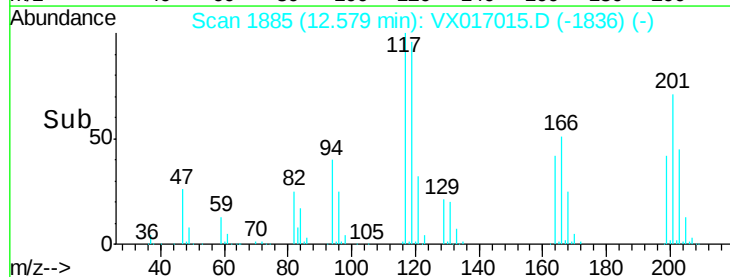
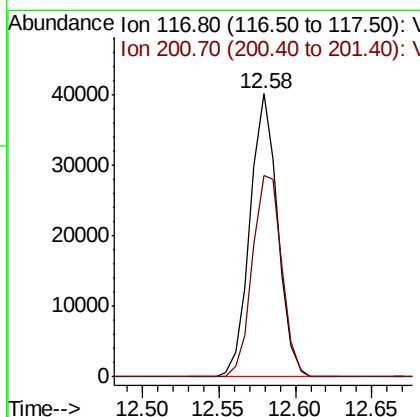
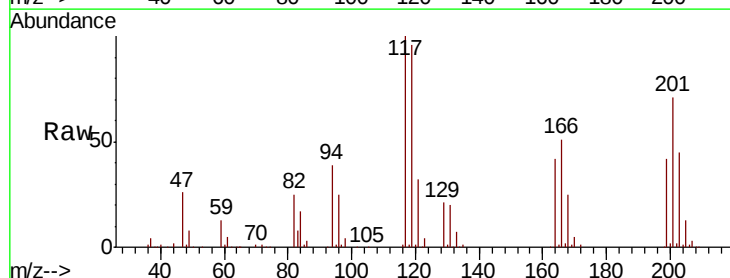
Instrument :
MSVOA_X
ClientSampled :
VX0629WBSD01

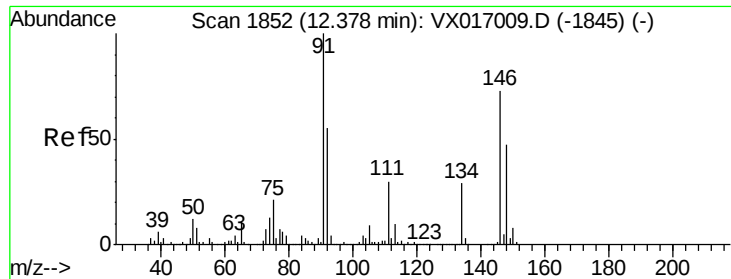
Tot Ion: 91 Resp: 225632
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 19.053 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017015.D
Acq: 29 Jun 2020 18:32

Tgt Ion: 117 Resp: 50420
Ion Ratio Lower Upper
117 100
201 75.9 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.112 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

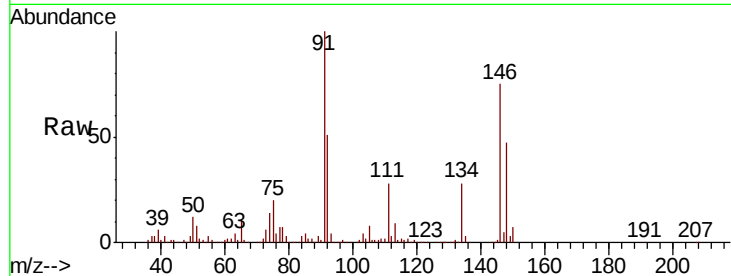
Tot Ion:146 Resp: 134295

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

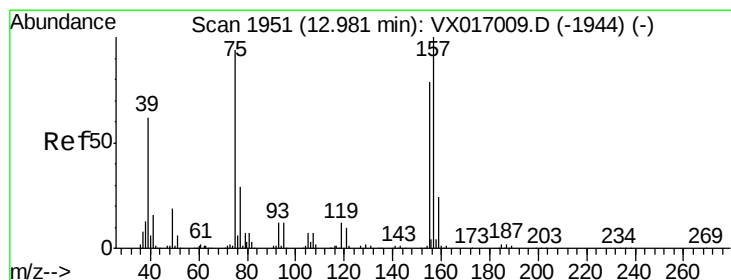
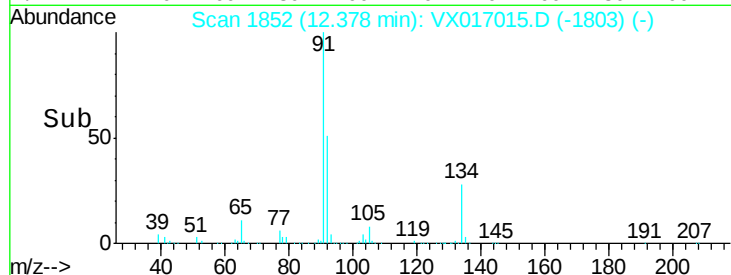
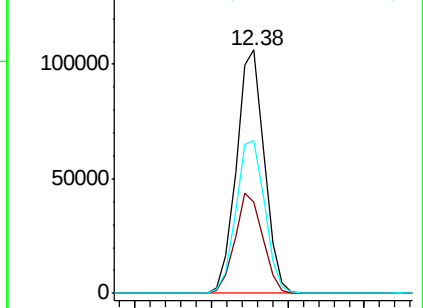
148 64.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.966 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

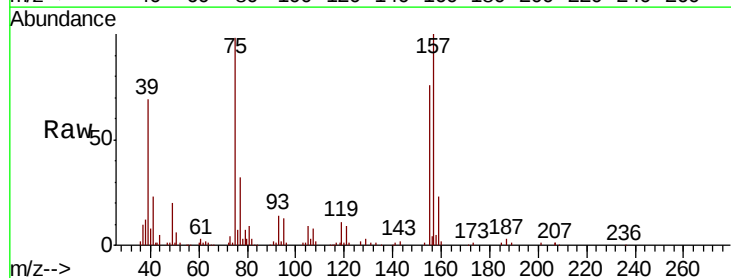
Tgt Ion: 75 Resp: 21434

Ion Ratio Lower Upper

75 100

155 83.4 45.1 135.2

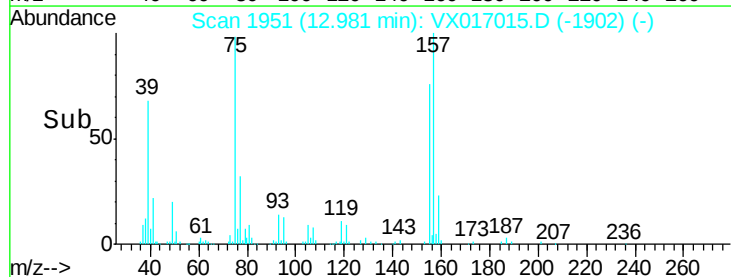
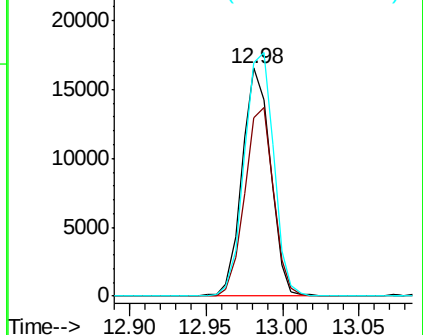
157 110.0 56.5 169.3

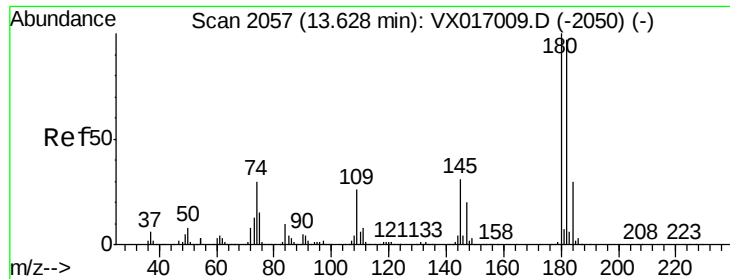


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

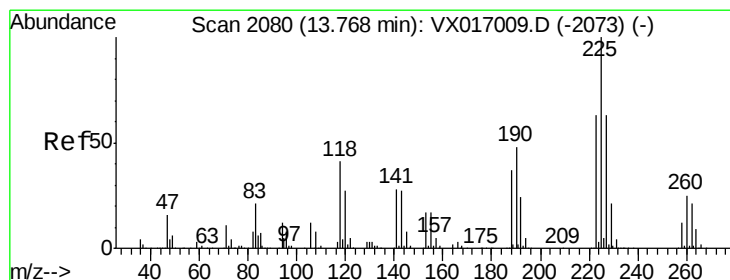
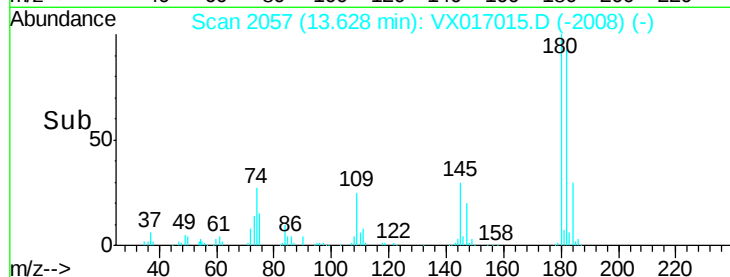
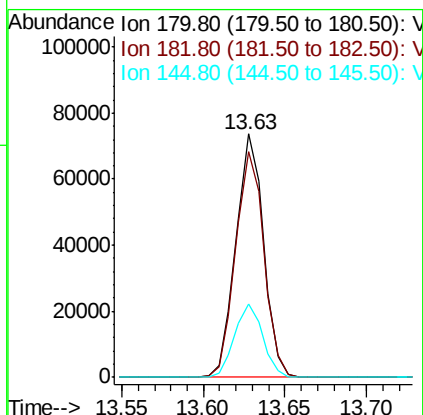
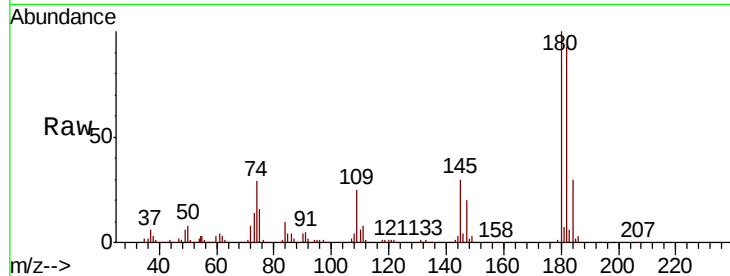




#93
 1,2,4-Trichlorobenzene
 Concen: 18.137 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

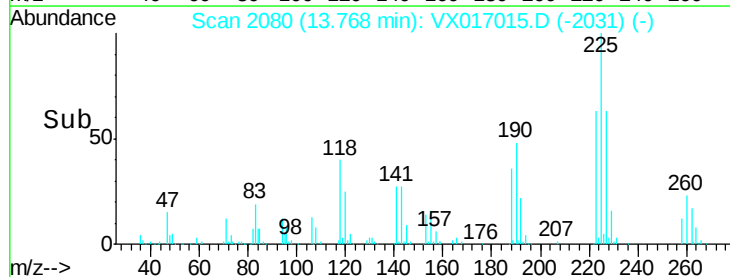
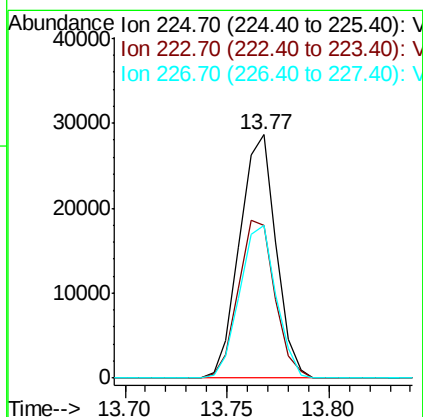
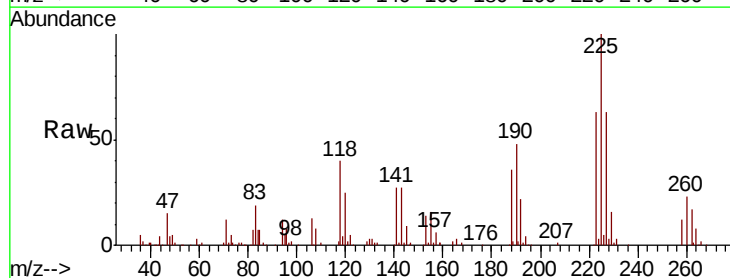
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

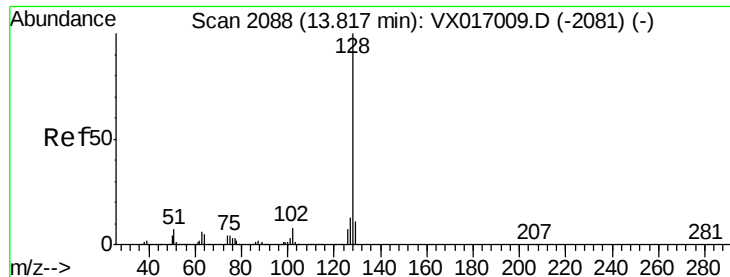
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	31.1	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 20.011 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017015.D
 Acq: 29 Jun 2020 18:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.5
227	62.9	33.1	99.2





#95

Naphthalene

Concen: 19.549 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBSD01

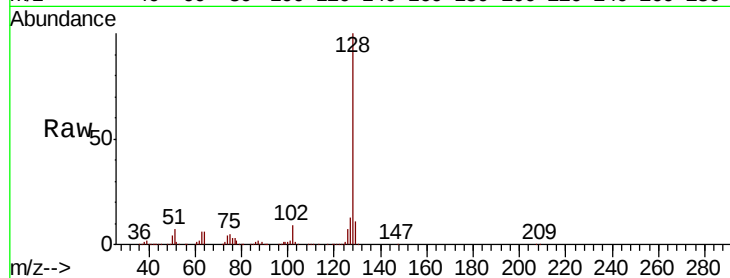
Tot Ion:128 Resp: 285043

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

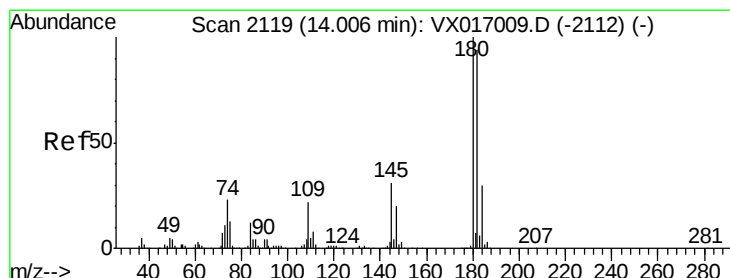
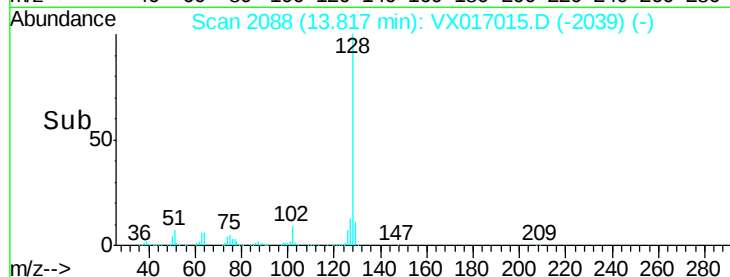
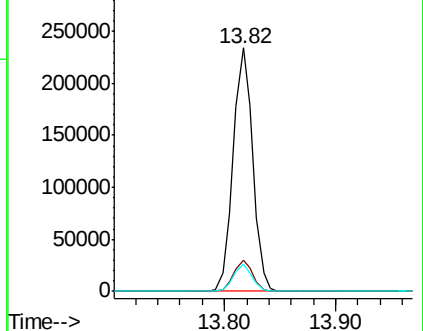
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.759 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017015.D

Acq: 29 Jun 2020 18:32

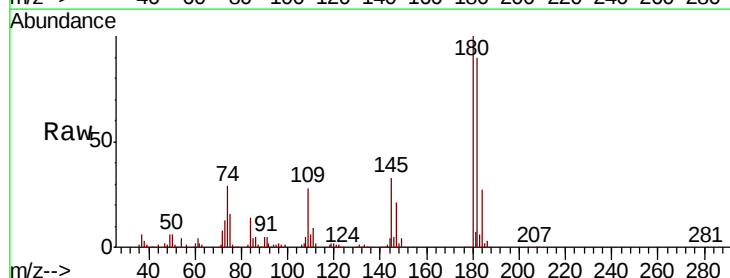
Tgt Ion:180 Resp: 87072

Ion Ratio Lower Upper

180 100

182 93.2 47.1 141.4

145 32.9 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

