

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018243.D
 Acq On : 03 Sep 2020 18:23
 Operator : JC/SP
 Sample : L3903-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	396060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	630742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339720	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	303010	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	
35) Dibromofluoromethane	5.46	113	232882	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	
50) Toluene-d8	8.70	98	840823	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	342921	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	236013	48.944	ug/l	98
3) Chloromethane	1.31	50	230757	45.390	ug/l	100
4) Vinyl Chloride	1.39	62	233979	46.234	ug/l	100
5) Bromomethane	1.62	94	142108	58.218	ug/l	97
6) Chloroethane	1.70	64	139665	51.383	ug/l	98
7) Trichlorofluoromethane	1.91	101	388907	56.358	ug/l	99
8) Diethyl Ether	2.17	74	121122	51.756	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	199358	53.437	ug/l	98
10) Methyl Iodide	2.49	142	200649	50.241	ug/l	97
11) Tert butyl alcohol	3.02	59	258607	241.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	191325	49.432	ug/l	99
13) Acrolein	2.28	56	82814	186.819	ug/l	99
14) Allyl chloride	2.71	41	342046	49.188	ug/l	97
15) Acrylonitrile	3.12	53	604543	249.289	ug/l	99
16) Acetone	2.42	43	534575	249.512	ug/l	95
17) Carbon Disulfide	2.55	76	531704	45.443	ug/l	100
18) Methyl Acetate	2.75	43	269404	52.108	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	699500	52.698	ug/l	98
20) Methylene Chloride	2.83	84	224820	51.352	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214000	49.905	ug/l	98
22) Diisopropyl ether	3.82	45	697025	50.786	ug/l	92
23) Vinyl Acetate	3.79	43	2927284	239.698	ug/l	99
24) 1,1-Dichloroethane	3.67	63	399168	51.092	ug/l	99
25) 2-Butanone	4.64	43	853637	242.436	ug/l	100
26) 2,2-Dichloropropane	4.55	77	319363	50.240	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241084	48.795	ug/l	99
28) Bromochloromethane	4.98	49	177157	46.977	ug/l	98
29) Tetrahydrofuran	5.09	42	547771	244.382	ug/l	98
30) Chloroform	5.18	83	426199	52.684	ug/l	96
31) Cyclohexane	5.56	56	316853	48.146	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	390932	52.659	ug/l	99
36) 1,1-Dichloropropene	5.77	75	289709	49.798	ug/l	99
37) Ethyl Acetate	4.79	43	314858	46.598	ug/l	99
38) Carbon Tetrachloride	5.76	117	366264	55.865	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312868	49.182	ug/l	98
40) Benzene	6.11	78	856214	50.087	ug/l	99
41) Methacrylonitrile	5.00	41	183169	49.372	ug/l	99
42) 1,2-Dichloroethane	6.17	62	351394	53.652	ug/l	98
43) Isopropyl Acetate	6.42	43	518151	47.478	ug/l	99
44) Trichloroethene	7.19	130	243661	50.446	ug/l	98
45) 1,2-Dichloropropane	7.49	63	229779	49.873	ug/l	95
46) Dibromomethane	7.64	93	164698	50.834	ug/l	98
47) Bromodichloromethane	7.88	83	351475	54.332	ug/l	98
48) Methyl methacrylate	7.74	41	270546	49.798	ug/l	98
49) 1,4-Dioxane	7.71	88	93024	945.259	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1712659	254.052	ug/l	99
52) Toluene	8.76	92	552510	50.972	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	369614	51.552	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	367831	48.430	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	236842	51.231	ug/l	99
56) Ethyl methacrylate	9.16	69	351284	51.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	382723	50.193	ug/l	99
59) 2-Hexanone	9.48	43	1331198	259.693	ug/l	99
60) Dibromochloromethane	9.57	129	289346	53.353	ug/l	99
61) 1,2-Dibromoethane	9.65	107	259093	51.622	ug/l	99
64) Tetrachloroethene	9.32	164	215468	47.306	ug/l	98
65) Chlorobenzene	10.12	112	604438	48.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	252935	51.841	ug/l	99
67) Ethyl Benzene	10.24	91	1065479	50.612	ug/l	97
68) m/p-Xylenes	10.34	106	820352	104.403	ug/l	96
69) o-Xylene	10.68	106	390835	51.311	ug/l	95
70) Stvrene	10.70	104	685405	52.838	ug/l	98
71) Bromoform	10.84	173	222532	53.473	ug/l #	97
73) Isopropylbenzene	11.00	105	1080435	48.216	ug/l	99
74) N-amyl acetate	10.88	43	465200	43.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	368372	46.601	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	446136	59.035	ug/l	84
77) Bromobenzene	11.24	156	288230	46.533	ug/l	98
78) n-propylbenzene	11.34	91	1239220	48.705	ug/l	100
79) 2-Chlorotoluene	11.40	91	751039	47.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	942732	51.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127489	45.563	ug/l	97
82) 4-Chlorotoluene	11.49	91	916257	49.030	ug/l	100
83) tert-Butylbenzene	11.76	119	915709	50.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	967108	51.370	ug/l	99
85) sec-Butylbenzene	11.93	105	1045511	50.592	ug/l	100
86) p-Isopropyltoluene	12.05	119	994733	52.403	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	513106	47.182	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	531548	48.816	ug/l	97
89) n-Butylbenzene	12.37	91	831426	47.988	ug/l	99
90) Hexachloroethane	12.58	117	193416	51.788	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500426	48.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92213	46.654	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	307324	45.021	ug/l	97

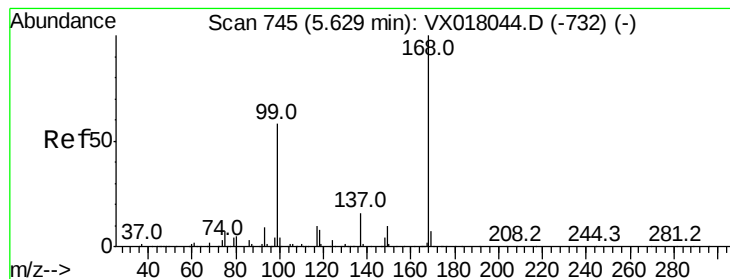
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	121285	45.045	ug/l	95
95) Naphthalene	13.82	128	1063955	47.359	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	319807	47.414	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

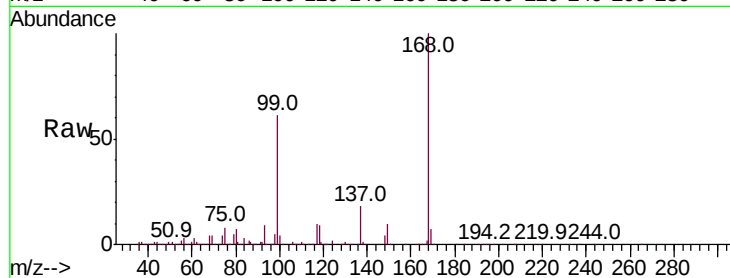
ClientSampleId :

Tot Ion:168 Resp: 396060

Ion Ratio Lower Upper

168 100

99 60.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

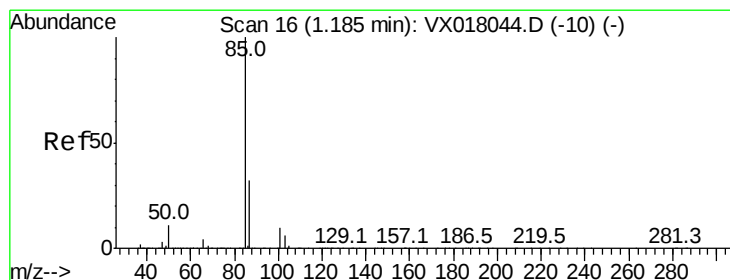
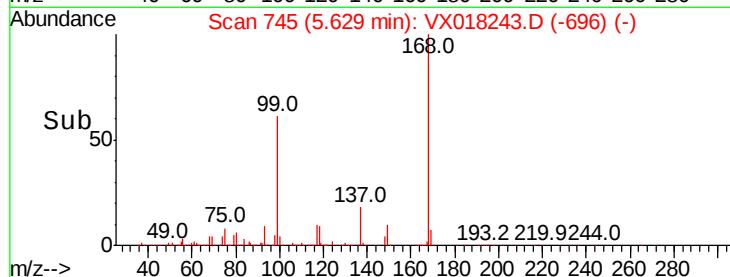
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.944 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018243.D

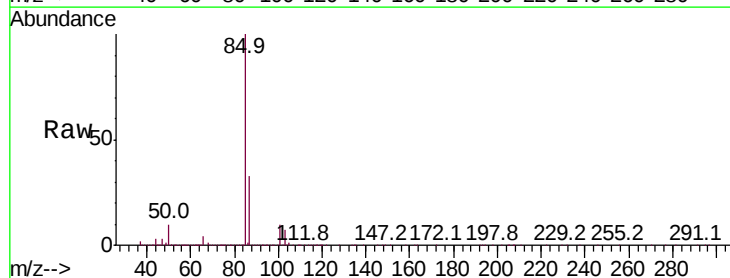
Acq: 03 Sep 2020 18:23

Tgt Ion: 85 Resp: 236013

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

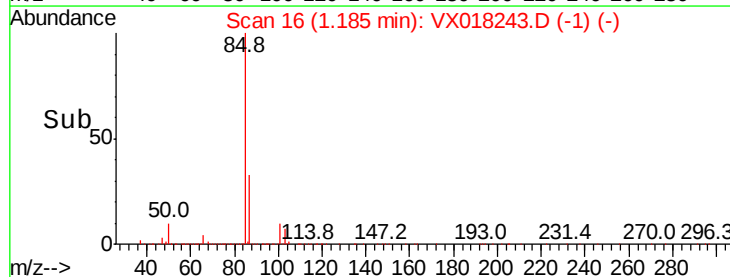
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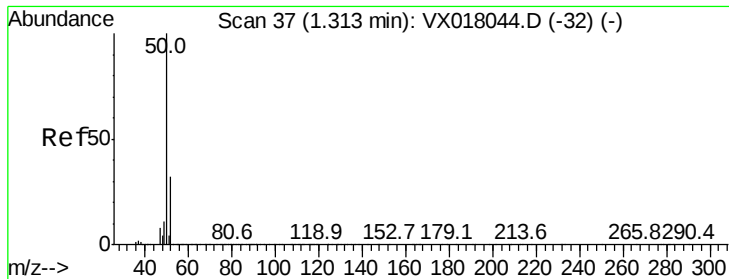
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

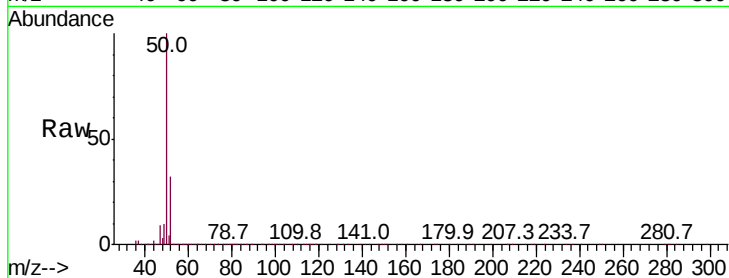
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 230757

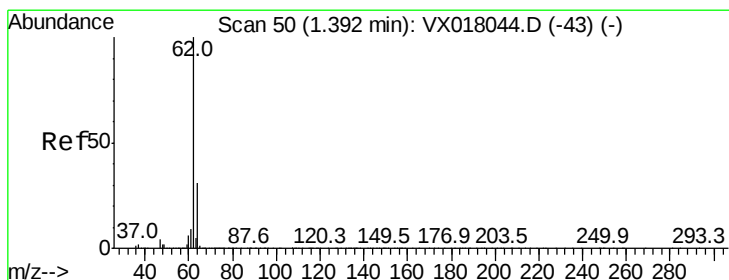
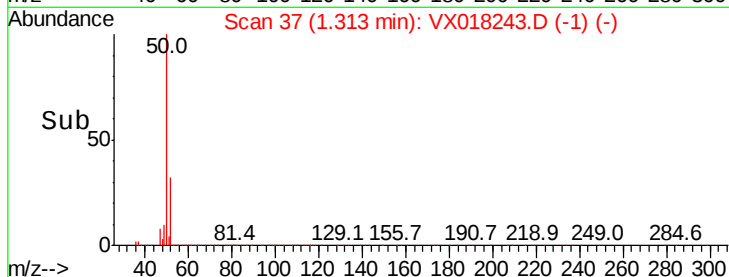
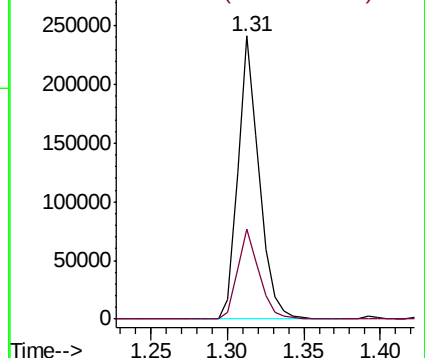
Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.234 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018243.D

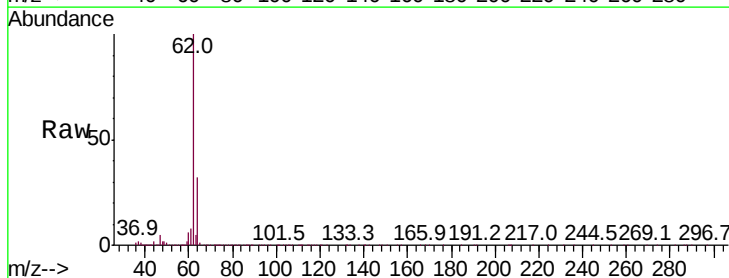
Acq: 03 Sep 2020 18:23

Tgt Ion: 62 Resp: 233979

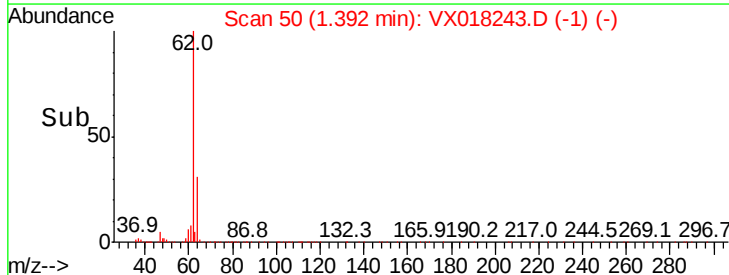
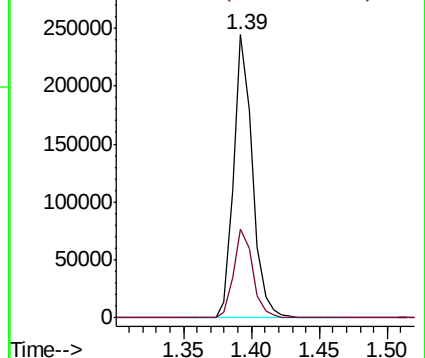
Ion Ratio Lower Upper

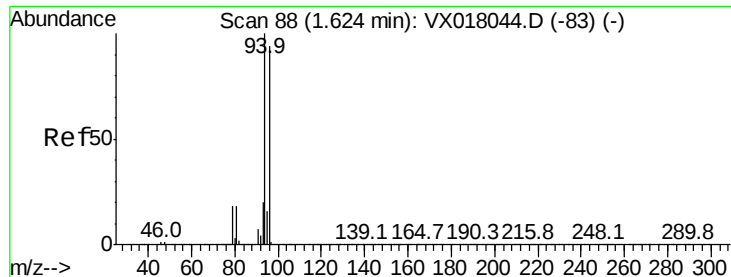
62 100

64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.218 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

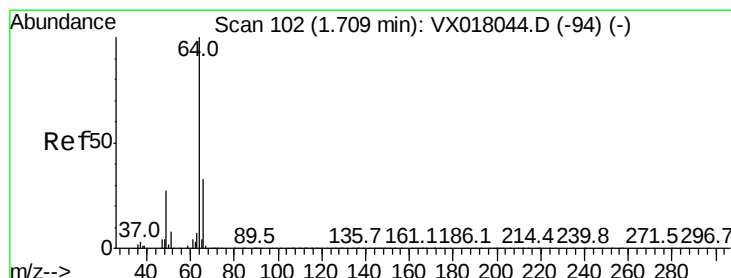
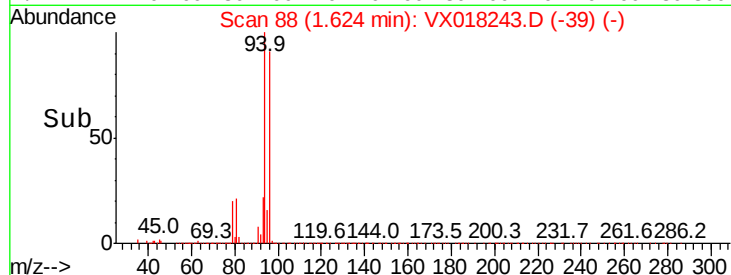
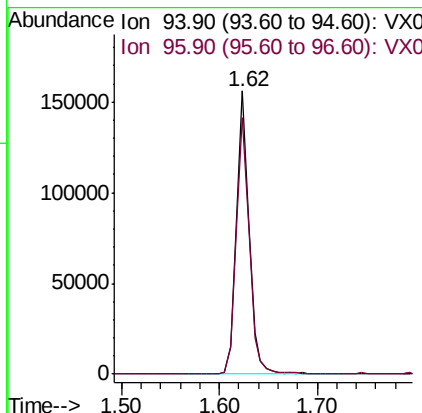
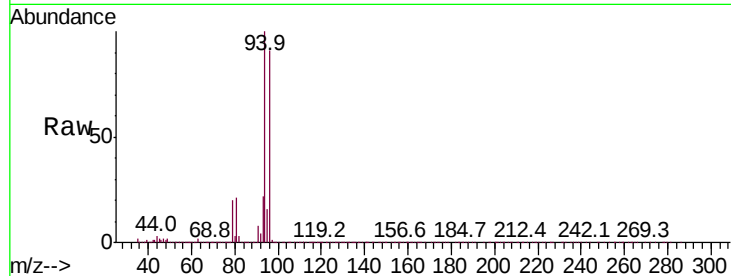
ClientSampleId :

Tot Ion: 94 Resp: 142108

Ion Ratio Lower Upper

94 100

96 90.6 74.8 112.2



#6

Chloroethane

Concen: 51.383 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018243.D

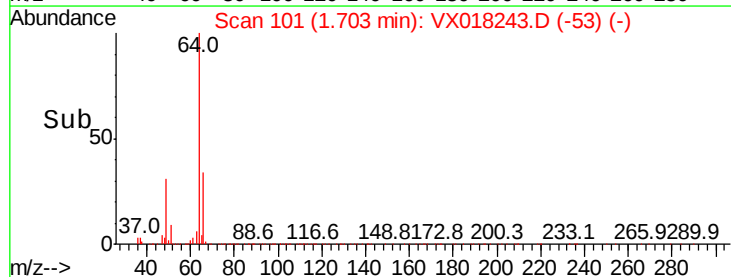
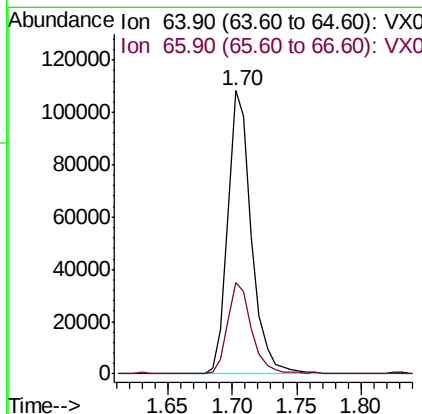
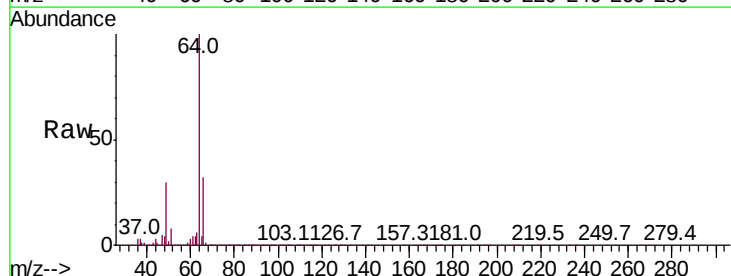
Acq: 03 Sep 2020 18:23

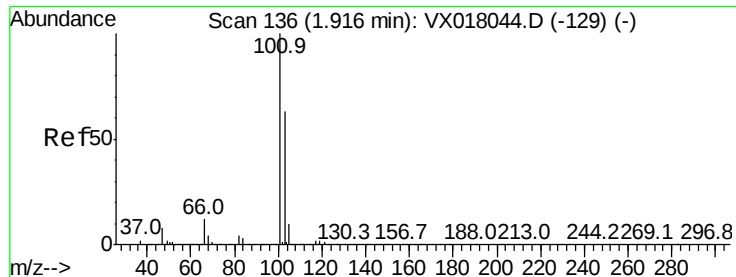
Tgt Ion: 64 Resp: 139665

Ion Ratio Lower Upper

64 100

66 32.1 26.6 39.8



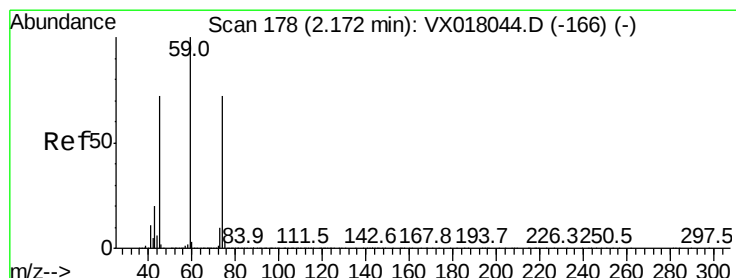
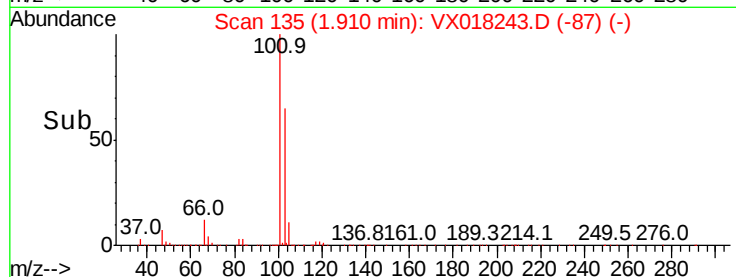
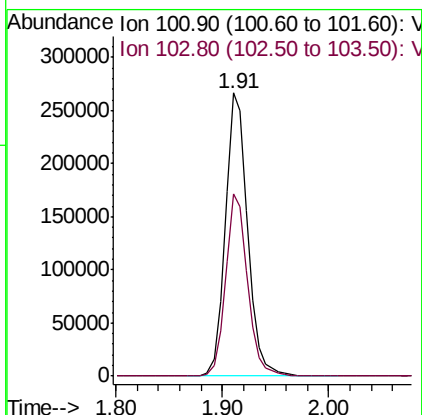
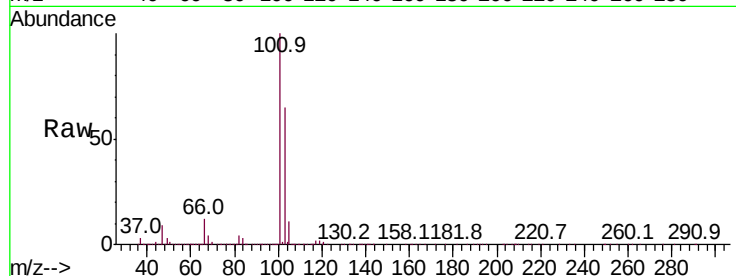


#7

Trichlorofluoromethane
Concen: 56.358 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampled :

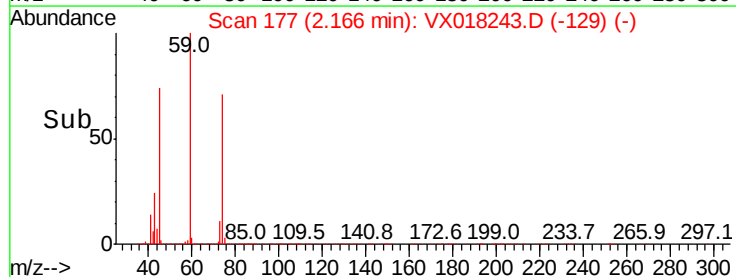
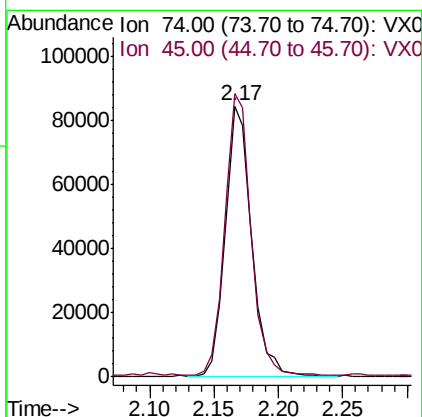
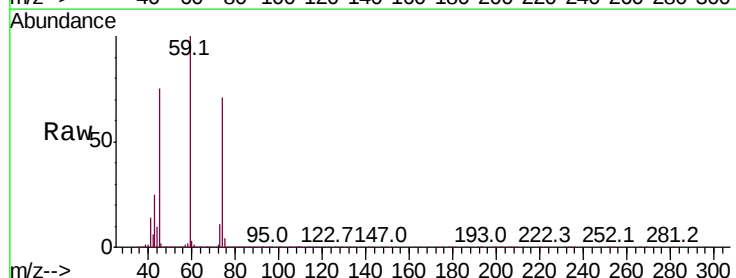
Tot Ion:101 Resp: 388907
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

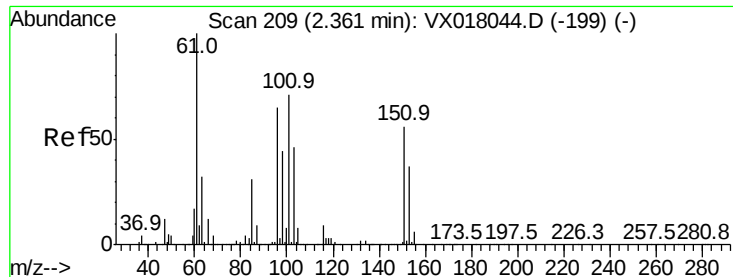


#8

Diethyl Ether
Concen: 51.756 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 74 Resp: 121122
Ion Ratio Lower Upper
74 100
45 103.2 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.437 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018243.D

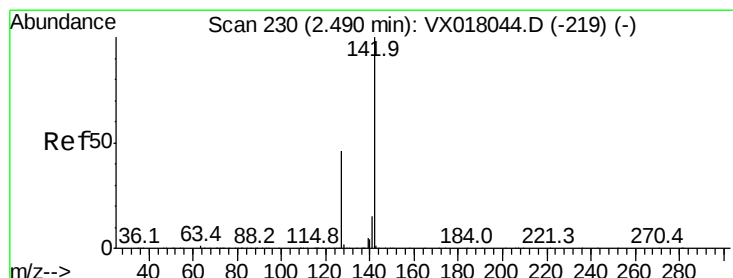
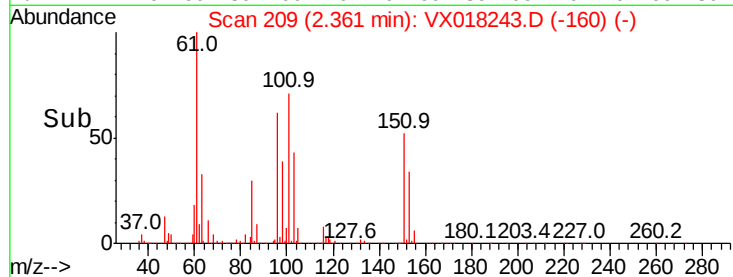
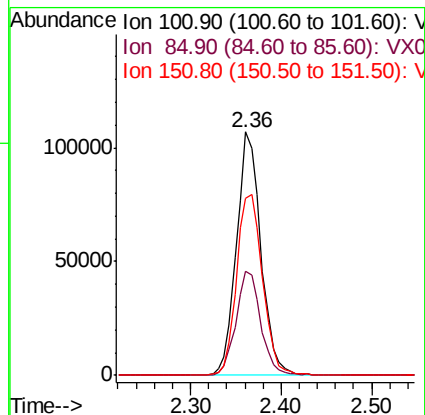
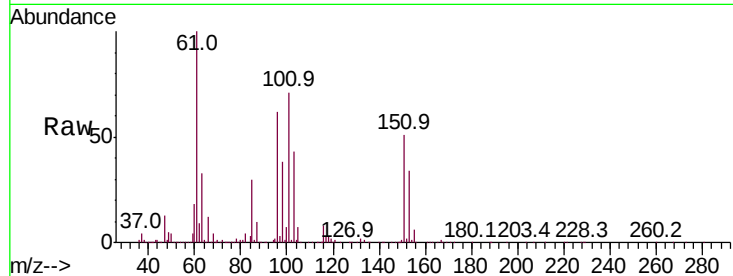
Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	199358
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.0	51.0
151	79.3	65.2	97.8



#10

Methyl Iodide

Concen: 50.241 ug/l

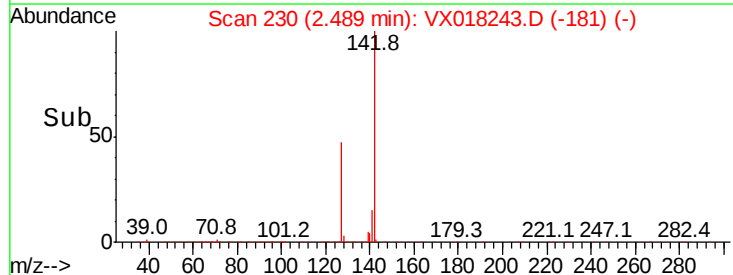
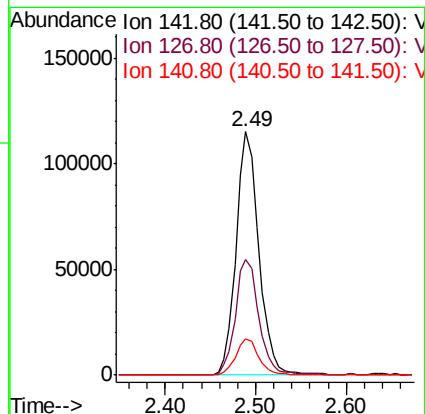
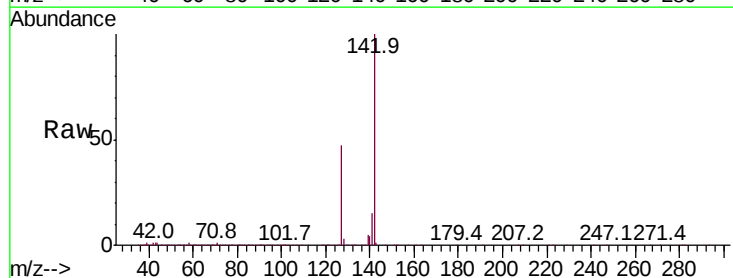
RT: 2.49 min Scan# 230

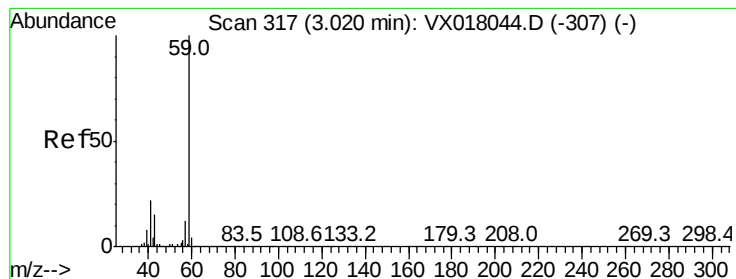
Delta R.T. 0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	142	Resp:	200649
Ion	Ratio	Lower	Upper
142	100		
127	48.6	37.0	55.6
141	15.0	11.5	17.3



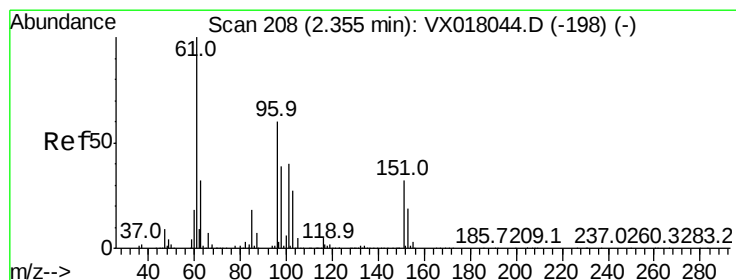
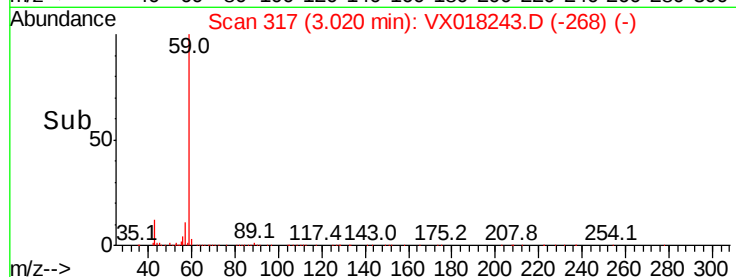
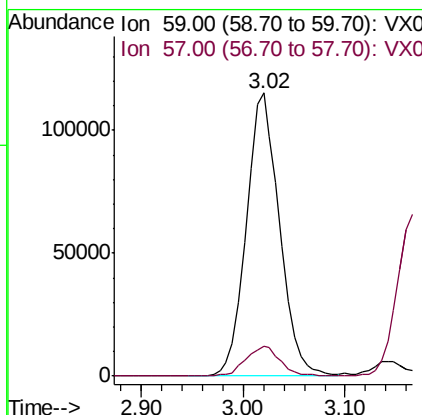
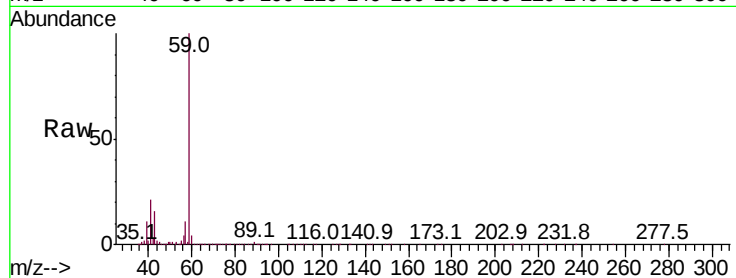


#11

Tert butyl alcohol
Concen: 241.898 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampled :

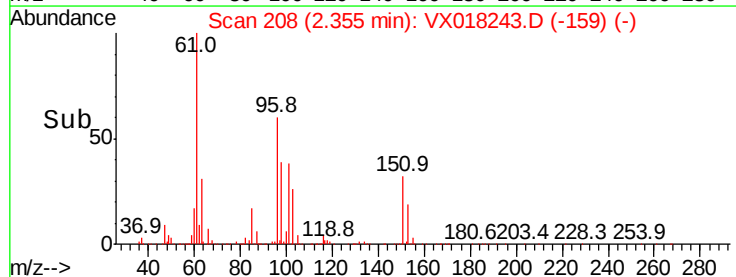
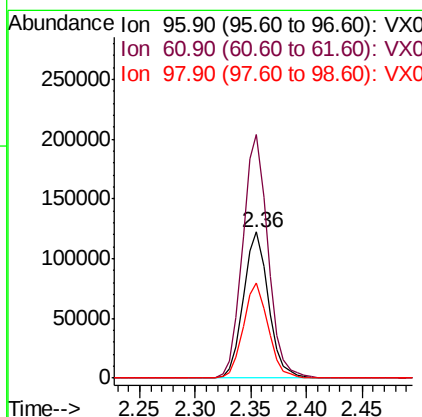
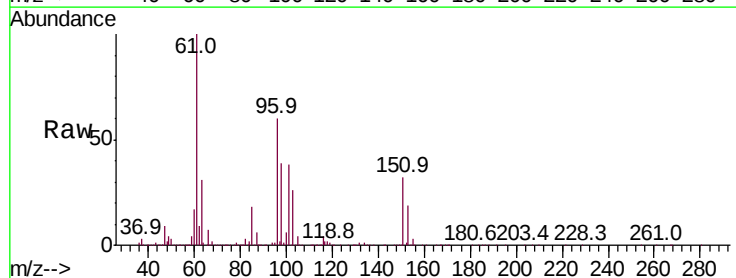
Tot Ion: 59 Resp: 258607
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

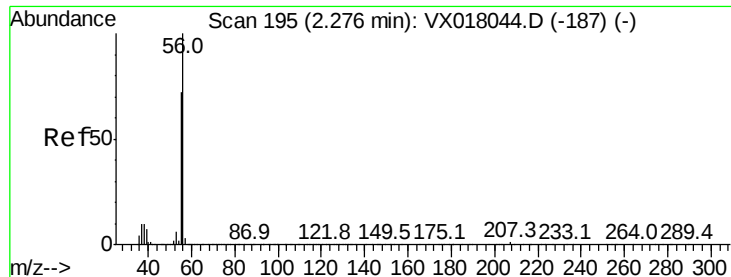


#12

1,1-Dichloroethene
Concen: 49.432 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 96 Resp: 191325
Ion Ratio Lower Upper
96 100
61 166.9 133.0 199.4
98 65.6 51.6 77.4

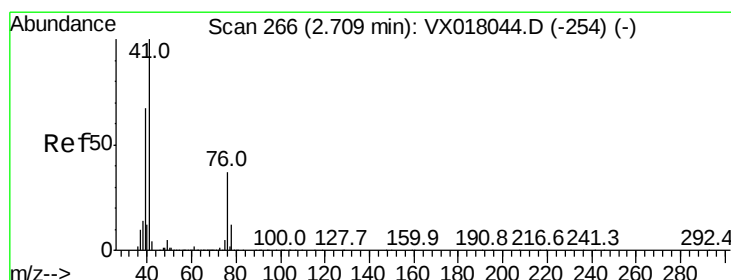
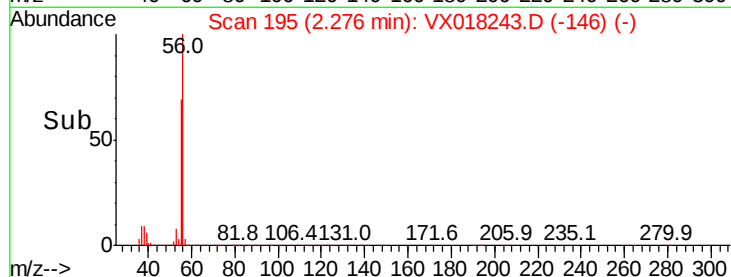
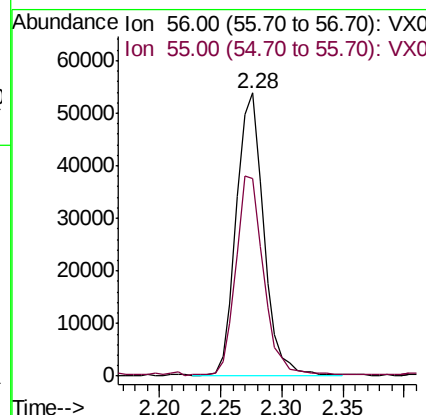
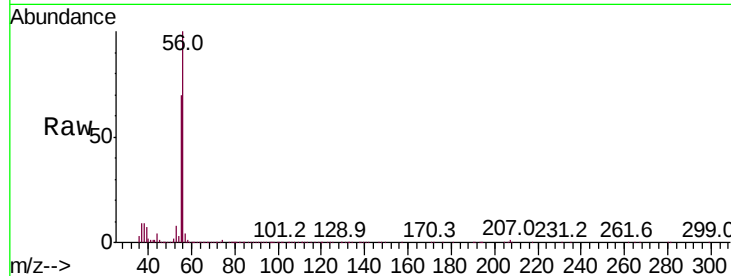




#13
Acrolein
Concen: 186.819 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

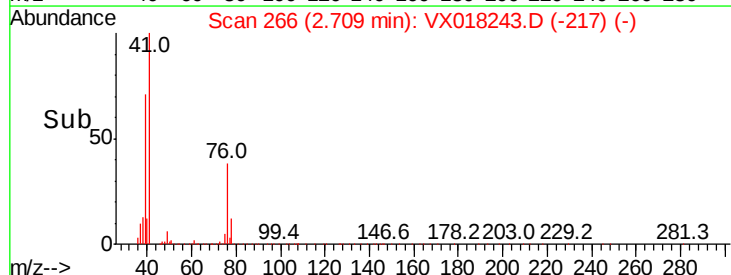
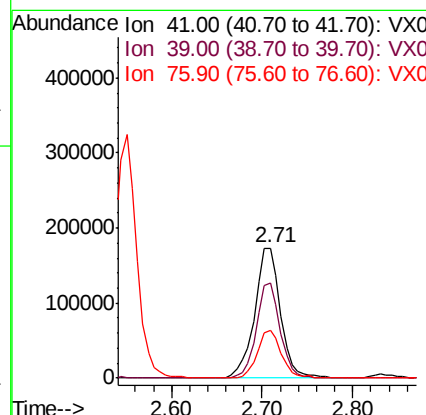
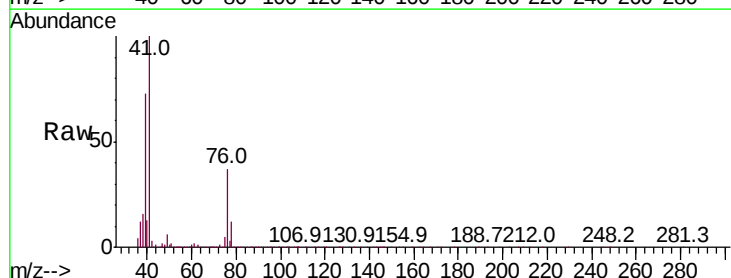
Instrument :
MSVOA_X
ClientSampleId :

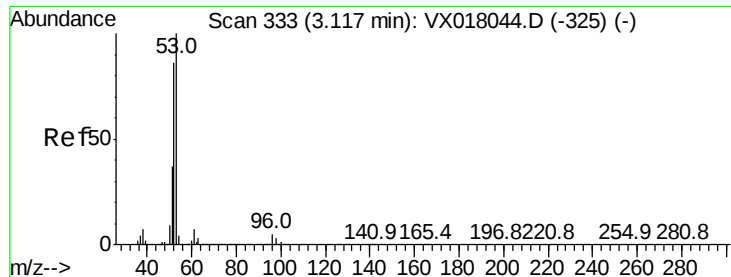
Tot Ion: 56 Resp: 82814
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6



#14
Allyl chloride
Concen: 49.188 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 41 Resp: 342046
Ion Ratio Lower Upper
41 100
39 66.4 50.6 76.0
76 32.9 26.2 39.2





#15

Acrylonitrile

Concen: 249.289 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

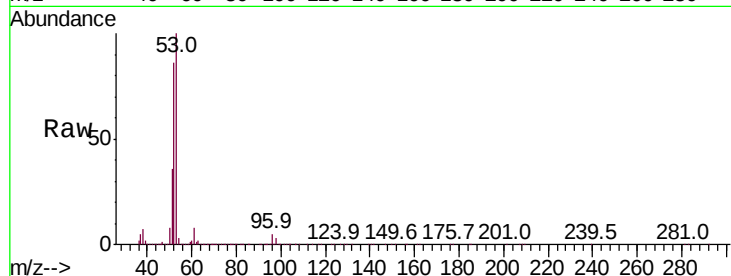
Tot Ion: 53 Resp: 604543

Ion Ratio Lower Upper

53 100

52 84.2 66.9 100.3

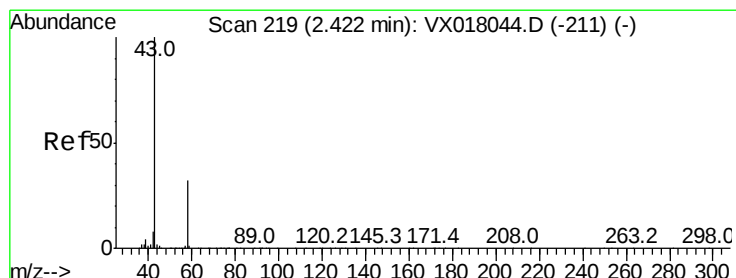
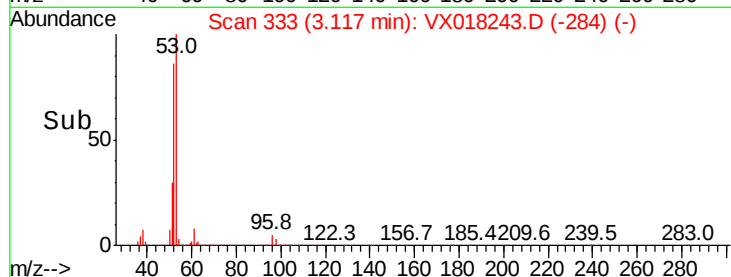
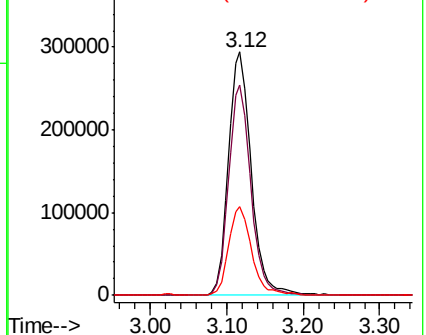
51 36.9 28.7 43.1



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: 249.512 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018243.D

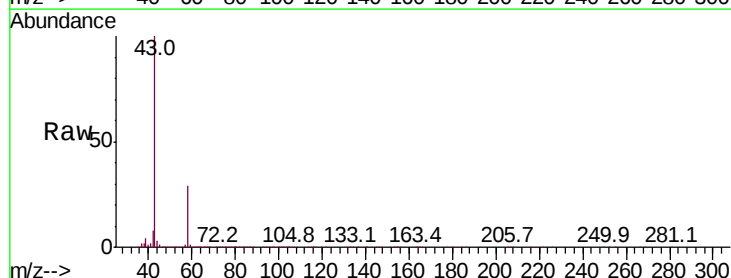
Acq: 03 Sep 2020 18:23

Tgt Ion: 43 Resp: 534575

Ion Ratio Lower Upper

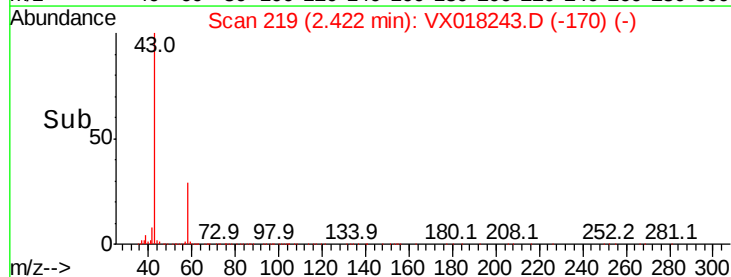
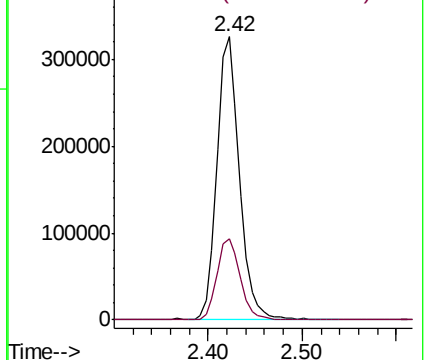
43 100

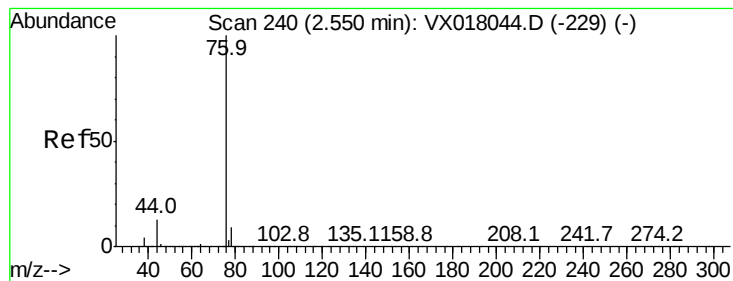
58 28.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.443 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

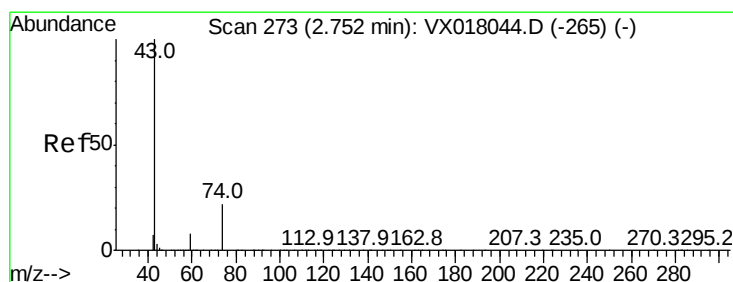
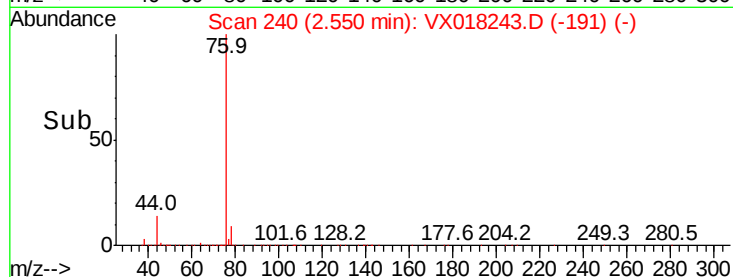
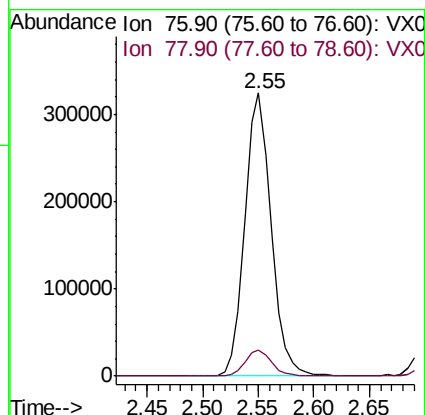
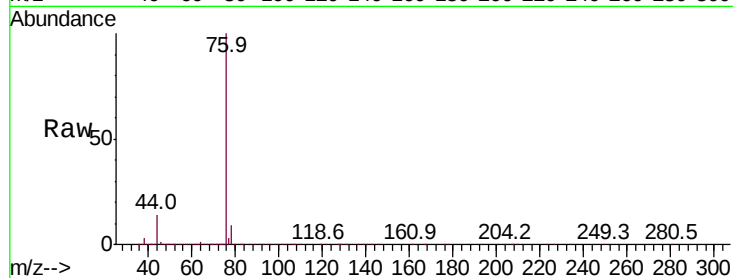
ClientSampleId :

Tot Ion: 76 Resp: 531704

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 52.108 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018243.D

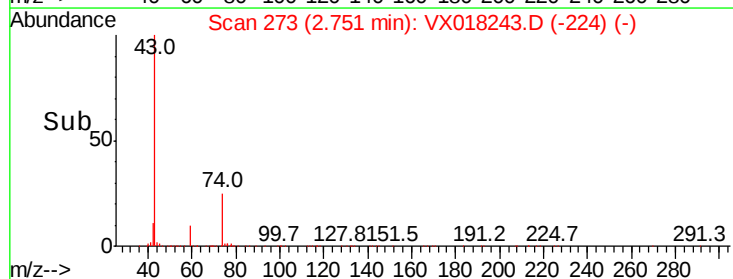
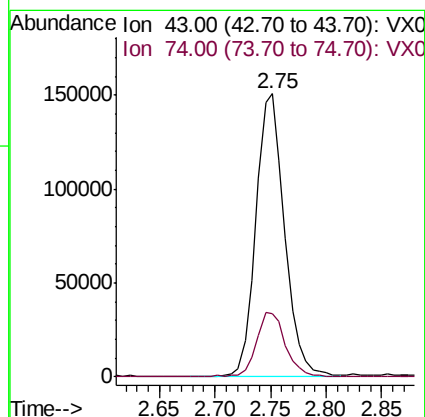
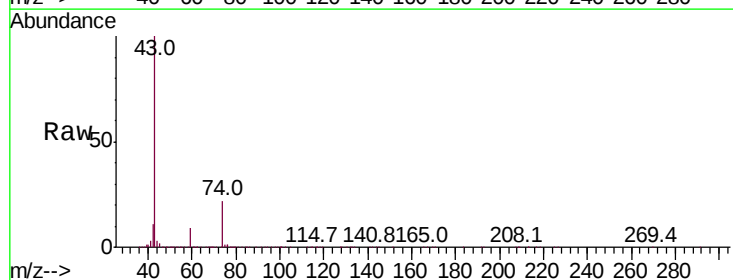
Acq: 03 Sep 2020 18:23

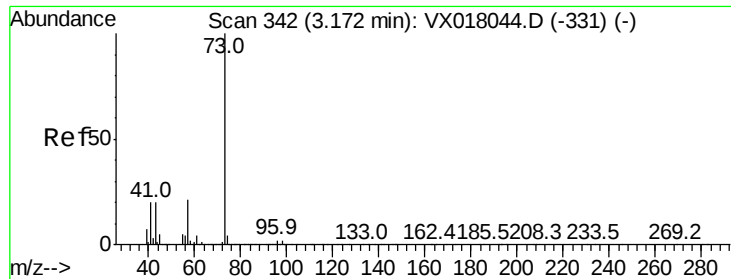
Tgt Ion: 43 Resp: 269404

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 52.698 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

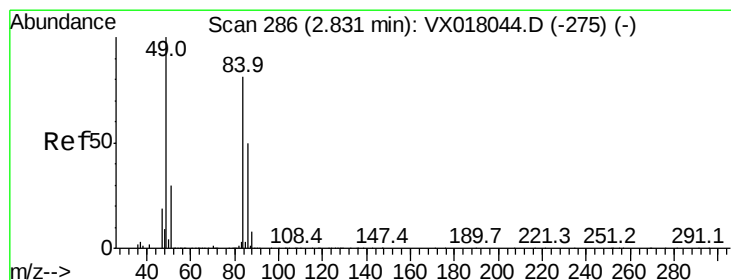
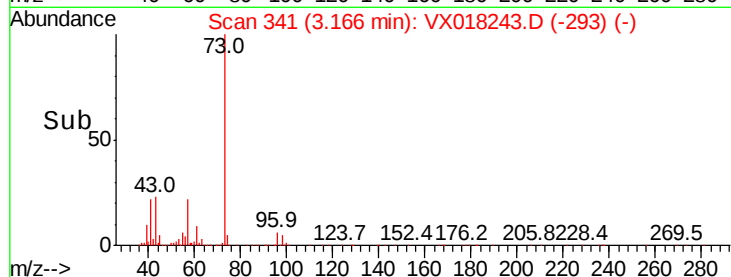
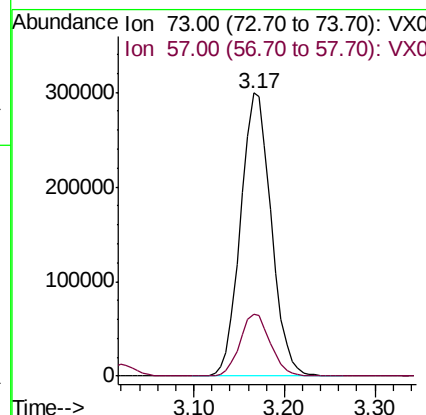
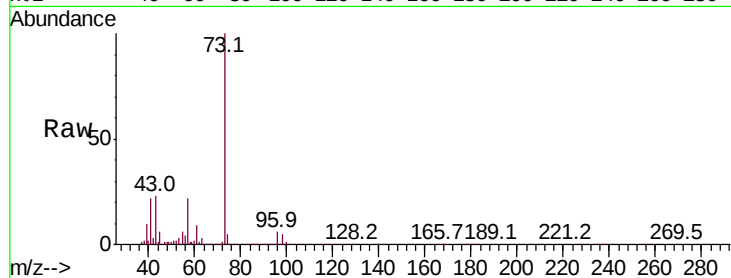
Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 699500

Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2



#20

Methylene Chloride

Concen: 51.352 ug/l

RT: 2.83 min Scan# 286

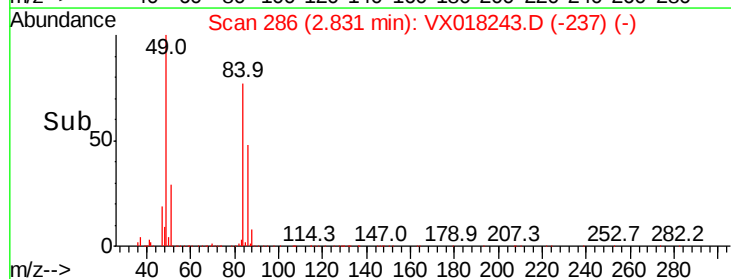
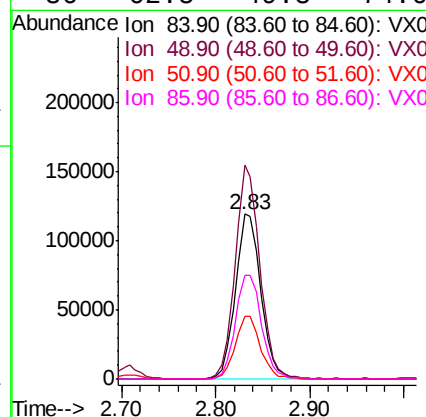
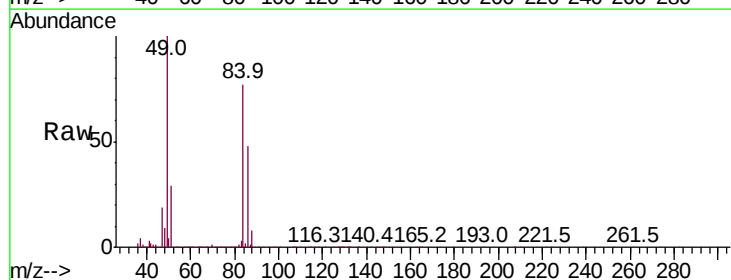
Delta R.T. 0.00 min

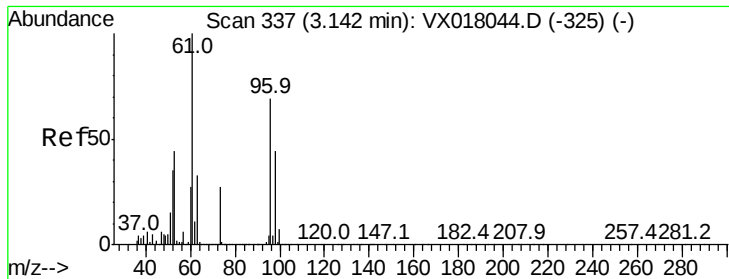
Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion: 84 Resp: 224820

Ion	Ratio	Lower	Upper
84	100		
49	129.4	98.6	148.0
51	37.9	29.6	44.4
86	62.5	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.905 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

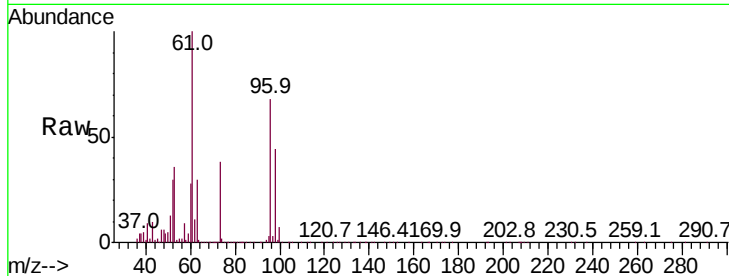
Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 214000

Ion	Ratio	Lower	Upper
96	100		
61	147.4	115.4	173.0
98	64.6	51.1	76.7



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

200000

150000

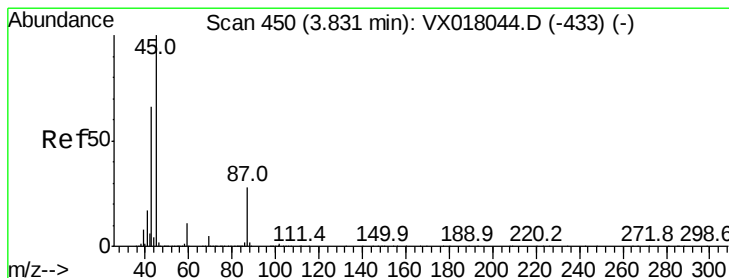
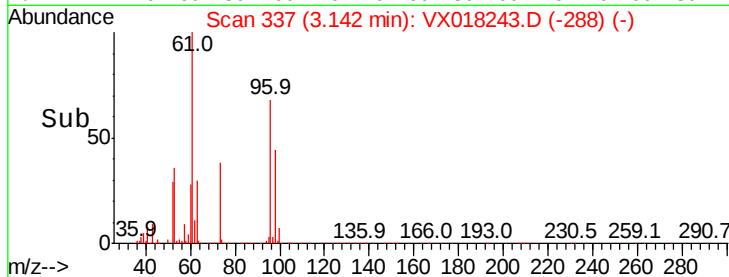
100000

50000

0

3.10 3.20

Time-->



#22

Diisopropyl ether

Concen: 50.786 ug/l

RT: 3.82 min Scan# 449

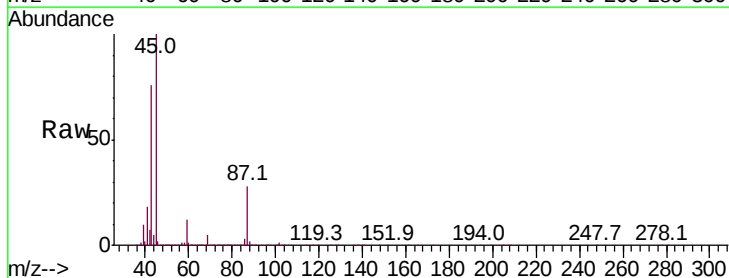
Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion: 45 Resp: 697025

Ion	Ratio	Lower	Upper
45	100		
43	75.6	52.8	79.2
87	27.8	22.5	33.7
59	12.1	9.0	13.6



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

1500000

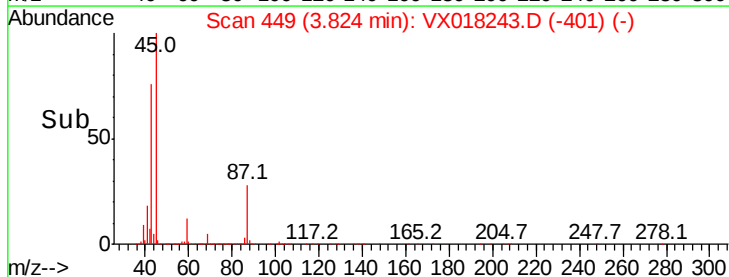
1000000

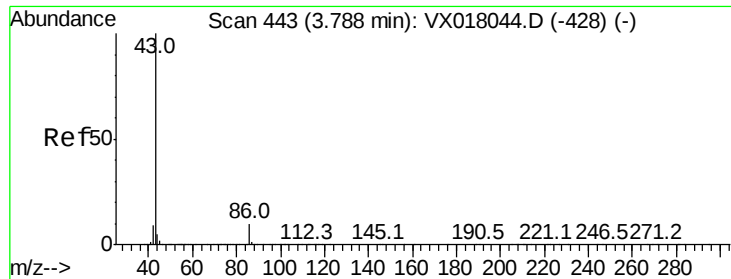
500000

0

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 239.698 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

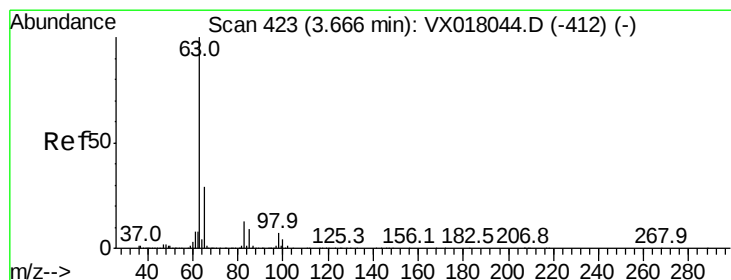
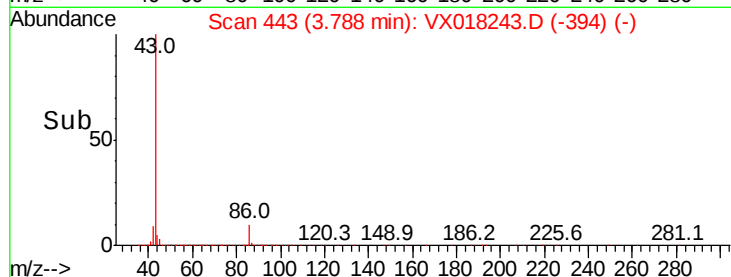
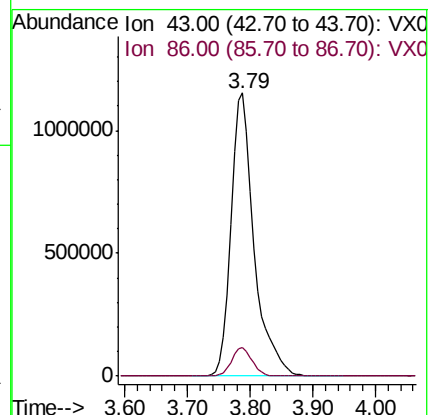
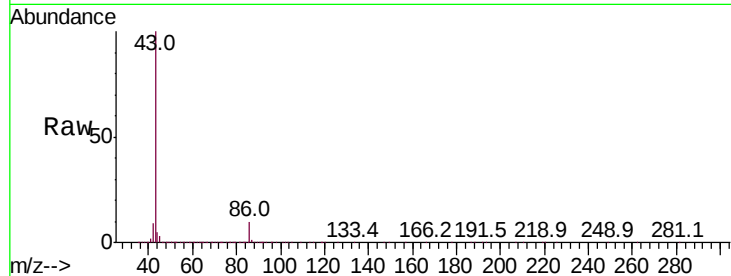
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2927284

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 51.092 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

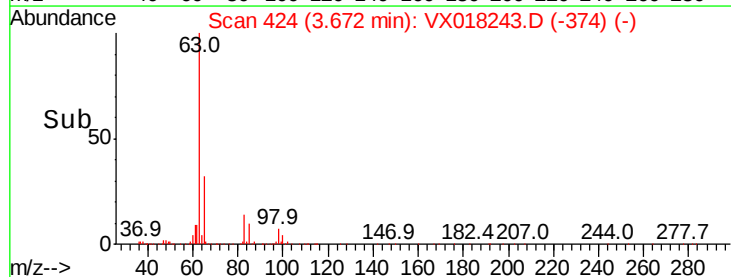
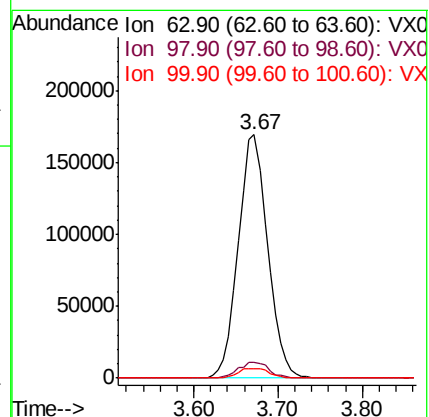
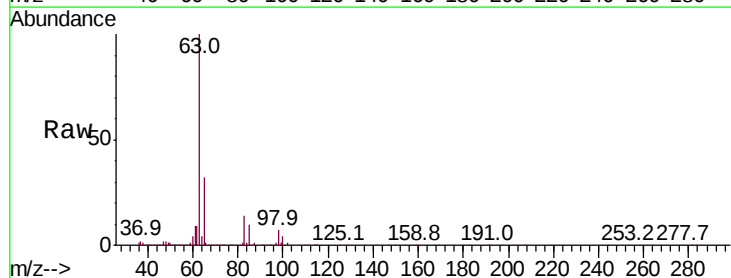
Tgt Ion: 63 Resp: 399168

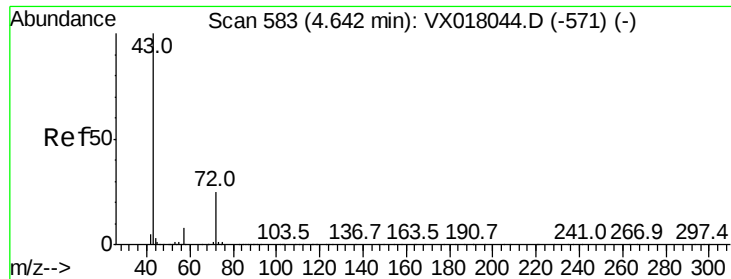
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 242.436 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

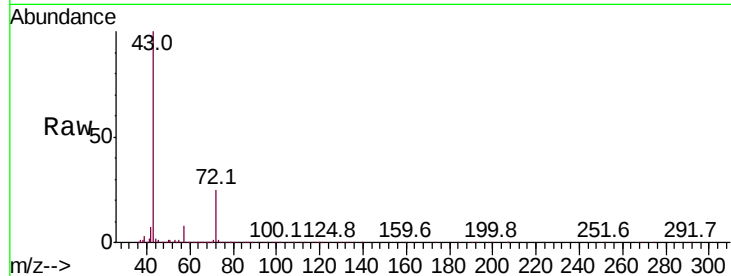
ClientSampleId :

Tot Ion: 43 Resp: 853637

Ion Ratio Lower Upper

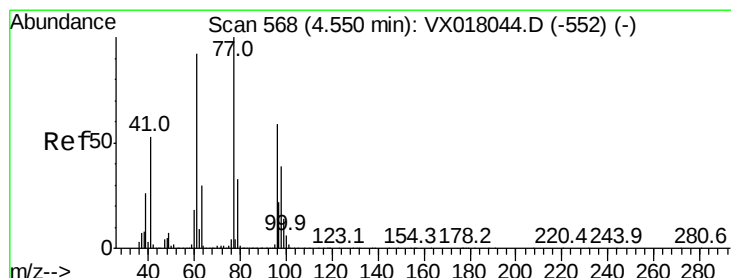
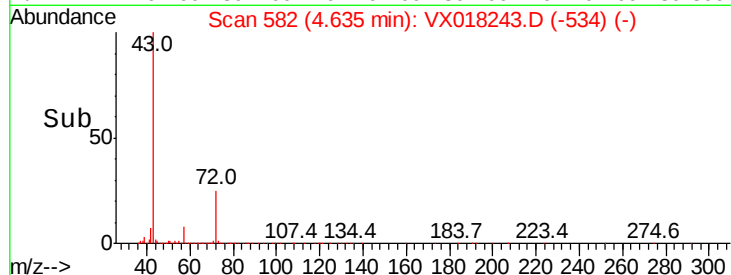
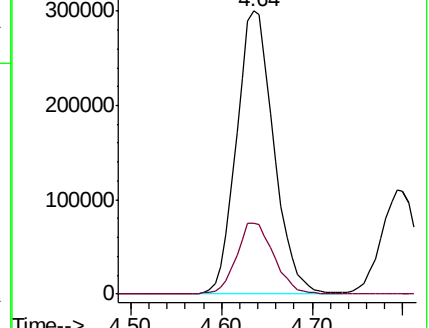
43 100

72 24.9 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.240 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018243.D

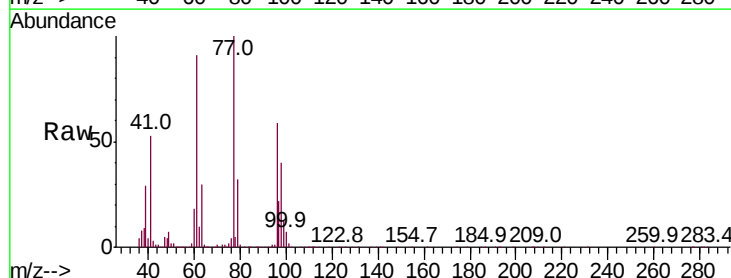
Acq: 03 Sep 2020 18:23

Tgt Ion: 77 Resp: 319363

Ion Ratio Lower Upper

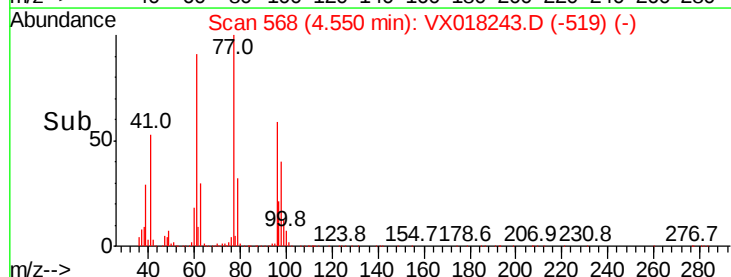
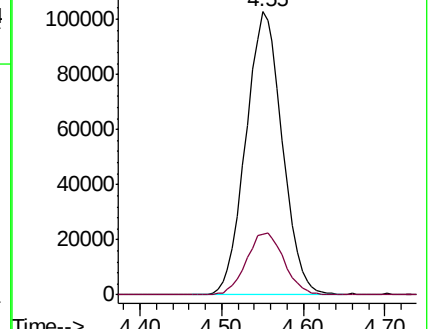
77 100

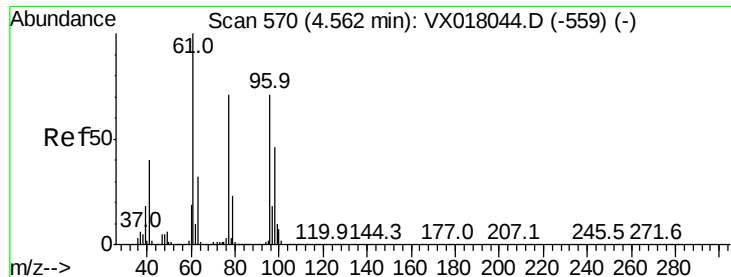
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



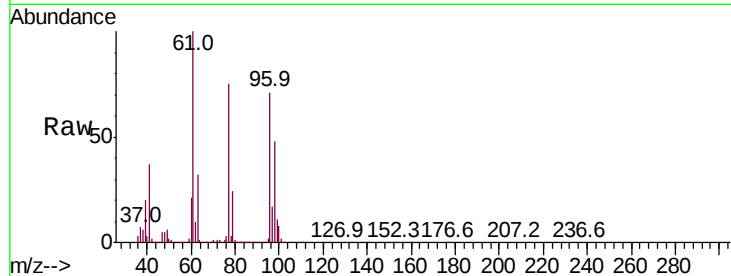


#27

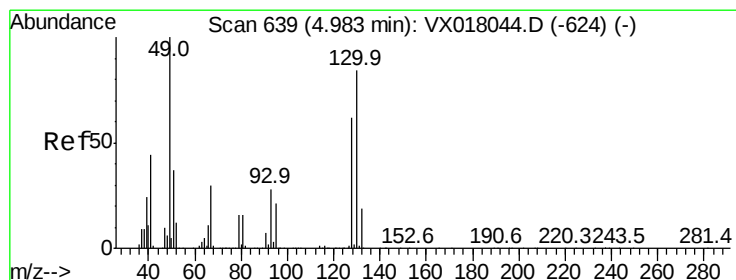
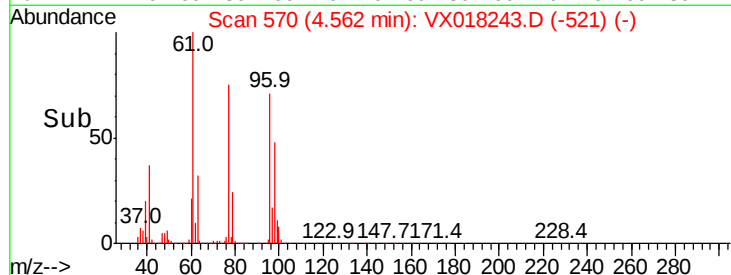
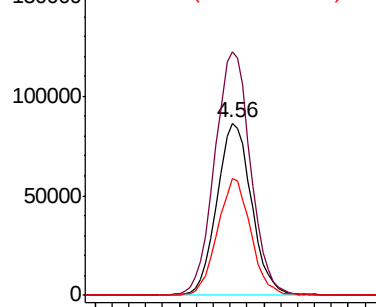
cis-1,2-Dichloroethene
 Concen: 48.795 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	296.6
98	65.3	0.0	130.2



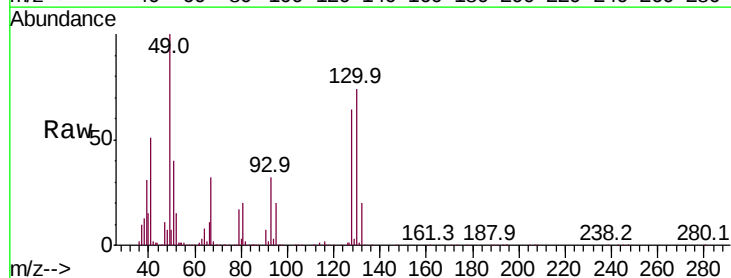
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



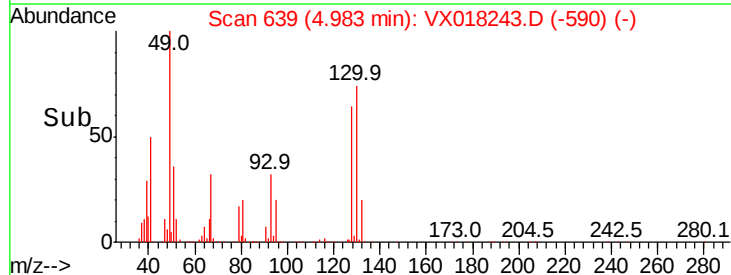
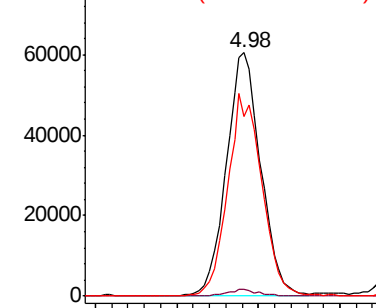
#28

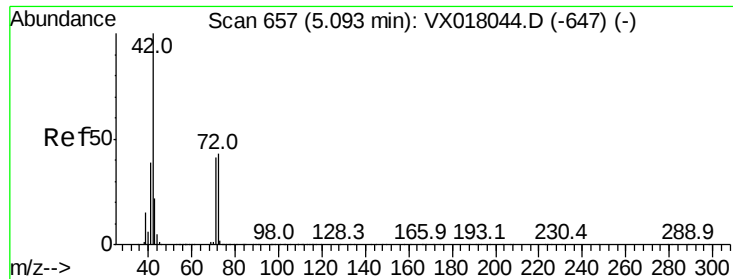
Bromochloromethane
 Concen: 46.977 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	82.7	64.6	96.8



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

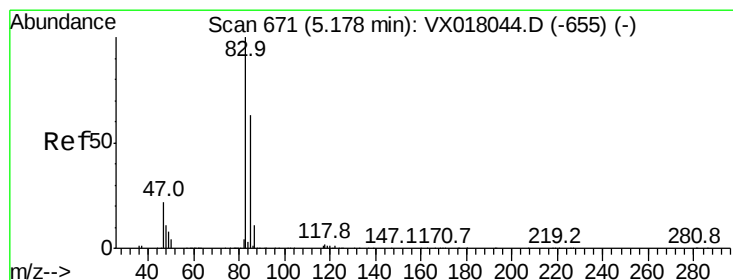
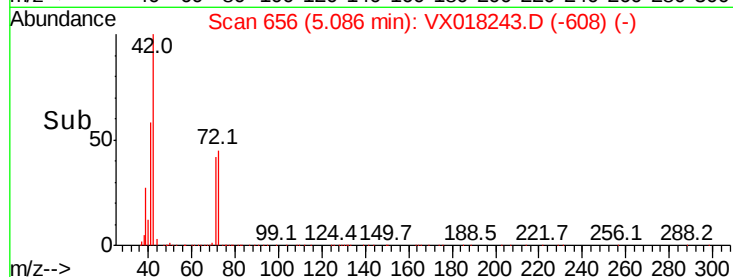
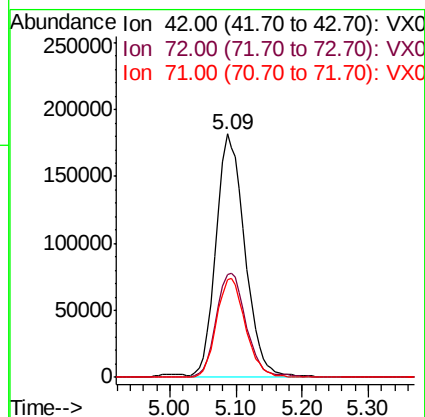
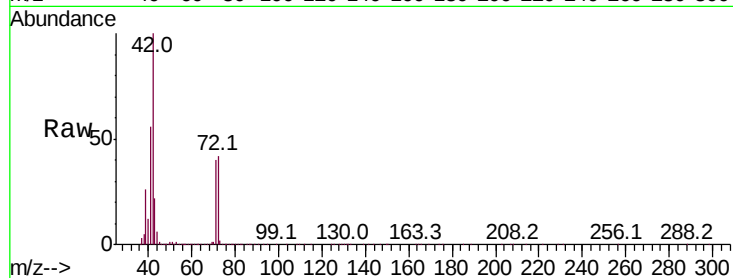




#29
Tetrahydrofuran
Concen: 244.382 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

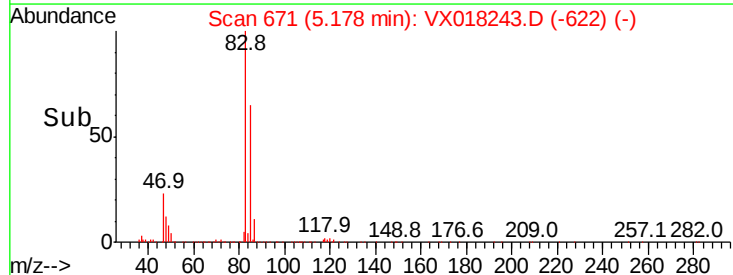
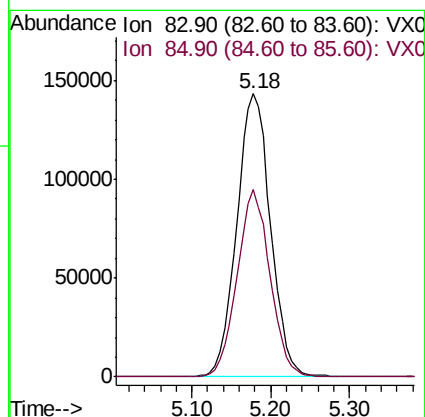
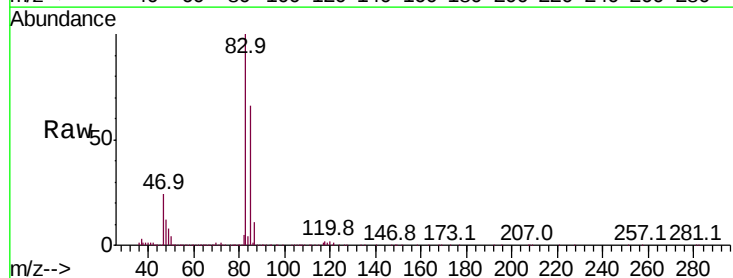
Instrument :
MSVOA_X
ClientSampled :

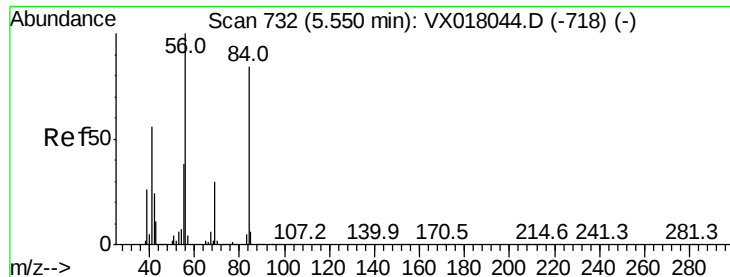
Tot Ion: 42 Resp: 547771
Ion Ratio Lower Upper
42 100
72 44.7 34.2 51.4
71 40.7 32.1 48.1



#30
Chloroform
Concen: 52.684 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 83 Resp: 426199
Ion Ratio Lower Upper
83 100
85 66.1 50.7 76.1

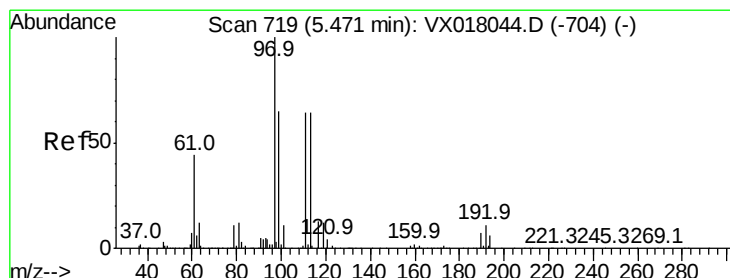
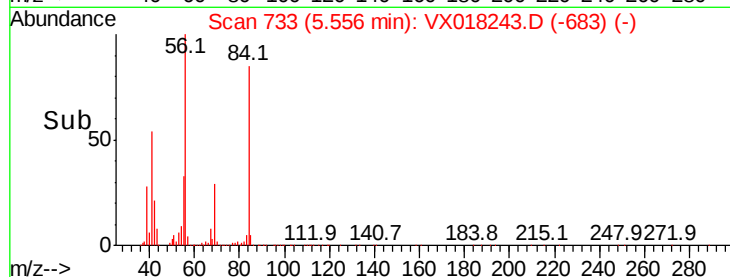
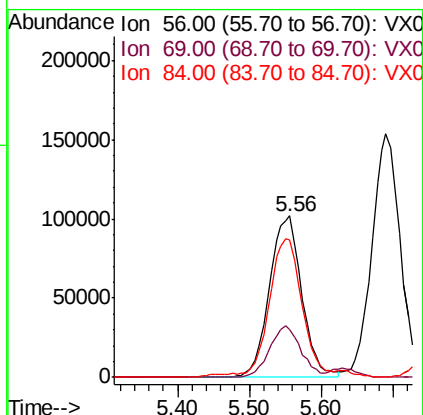
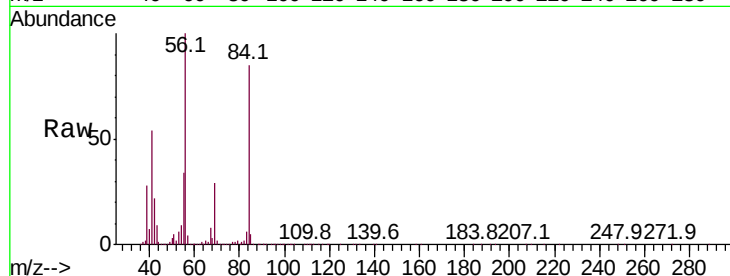




#31
Cyclohexane
Concen: 48.146 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

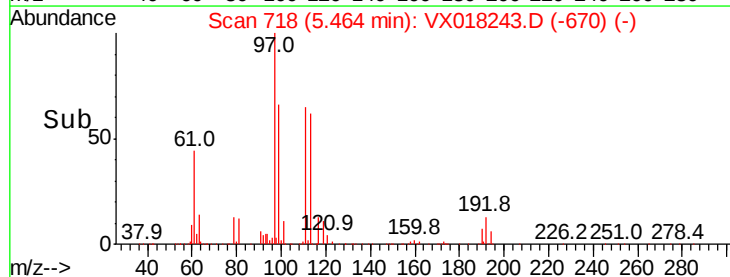
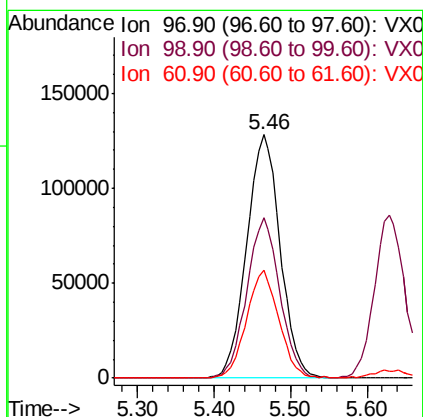
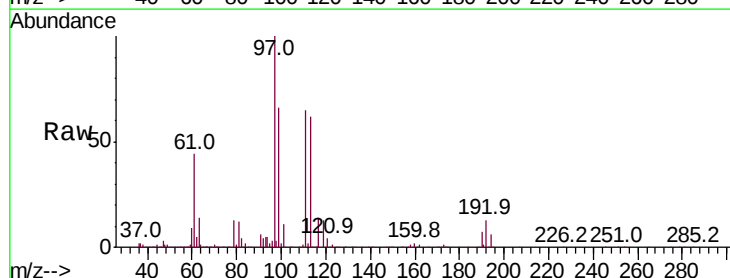
Instrument :
MSVOA_X
ClientSampleId :

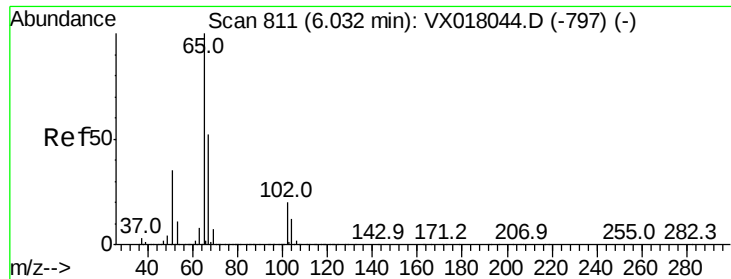
Tot Ion: 56 Resp: 316853
Ion Ratio Lower Upper
56 100
69 29.3 23.9 35.9
84 85.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 52.659 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 97 Resp: 390932
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 42.7 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 55.109 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

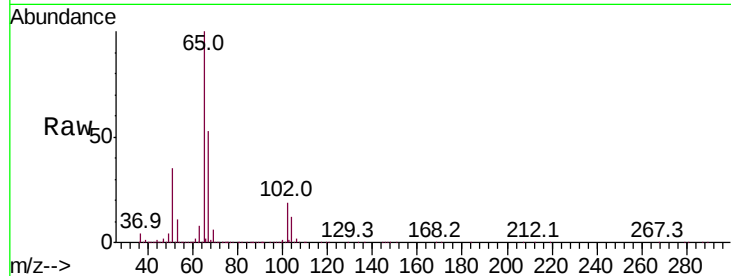
ClientSampleId :

Tot Ion: 65 Resp: 303010

Ion Ratio Lower Upper

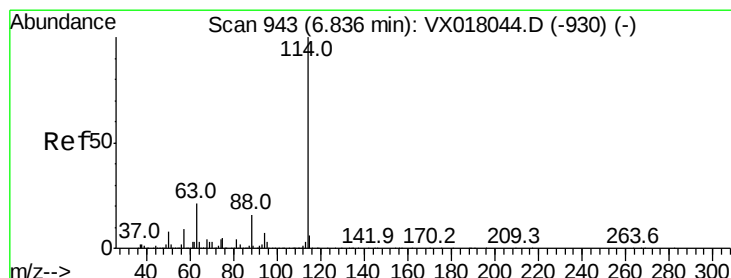
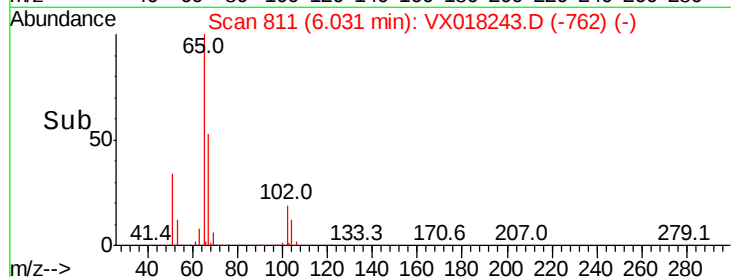
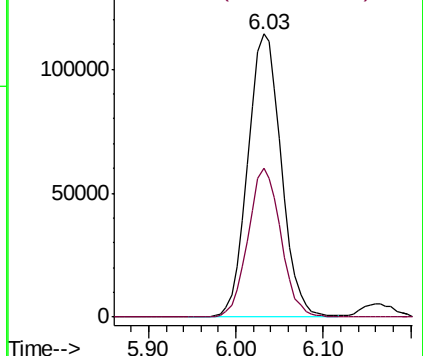
65 100

67 51.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

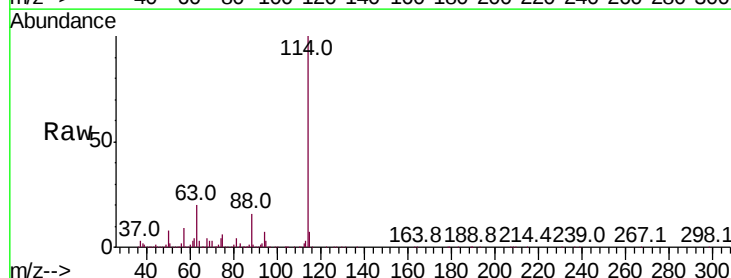
Tgt Ion:114 Resp: 630742

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

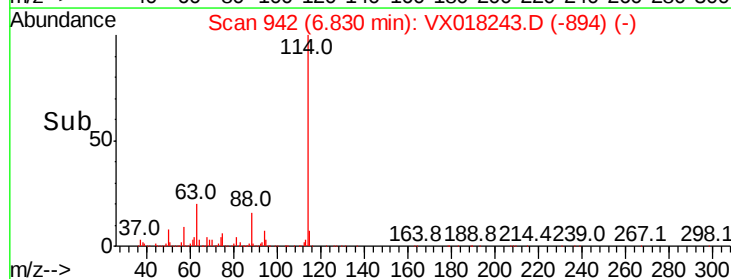
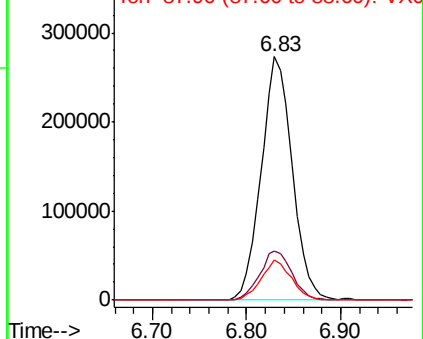
88 16.3 0.0 31.8

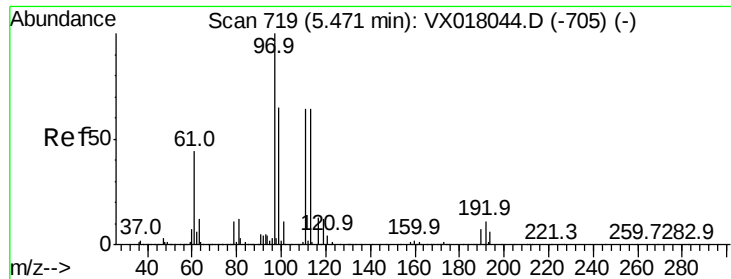


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

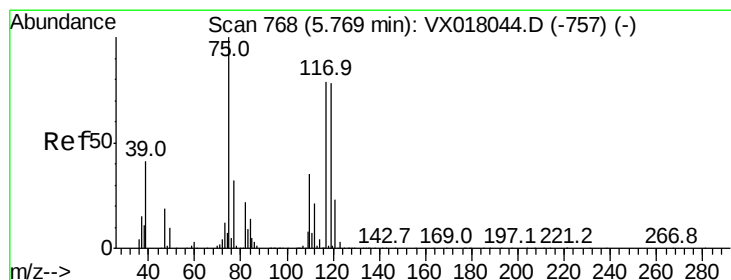
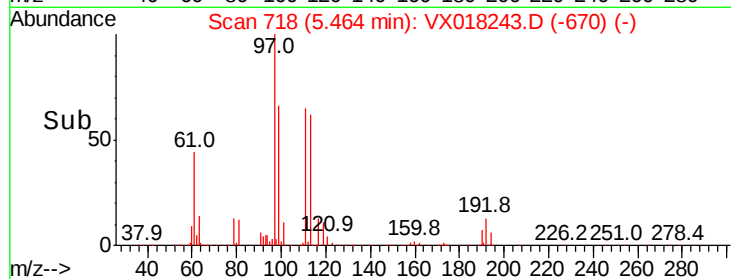
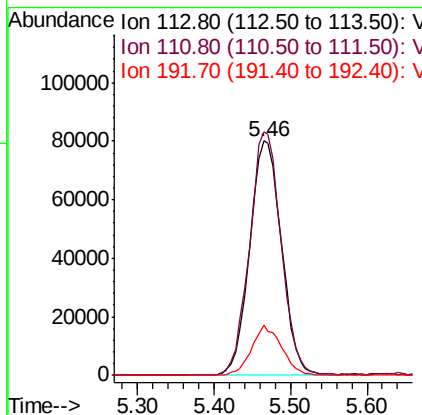
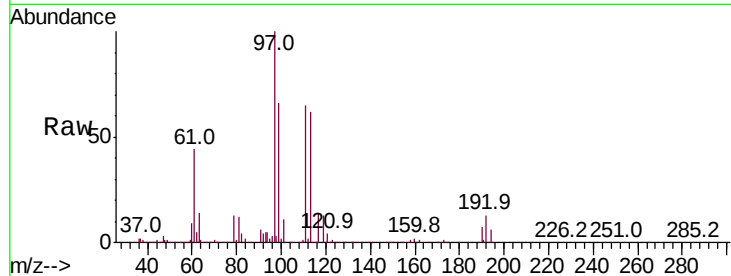




#35
 Dibromofluoromethane
 Concen: 54.213 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

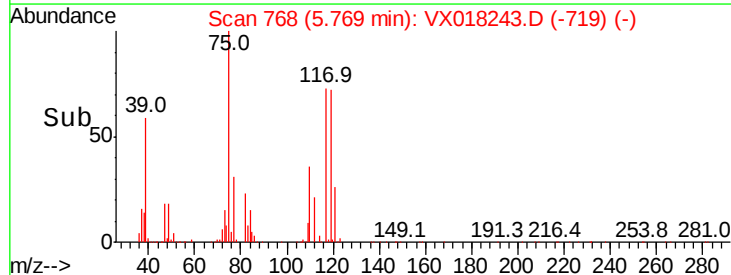
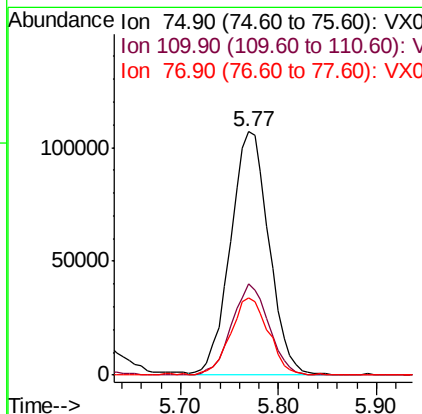
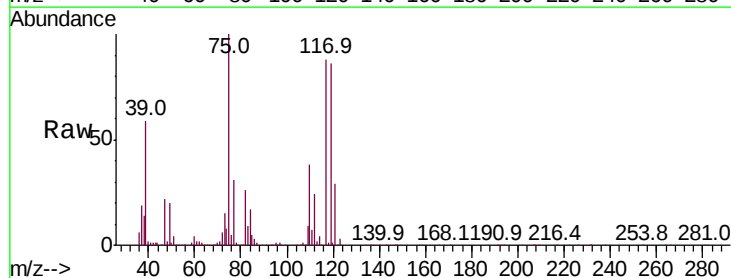
Instrument :
 MSVOA_X
 ClientSampleId :

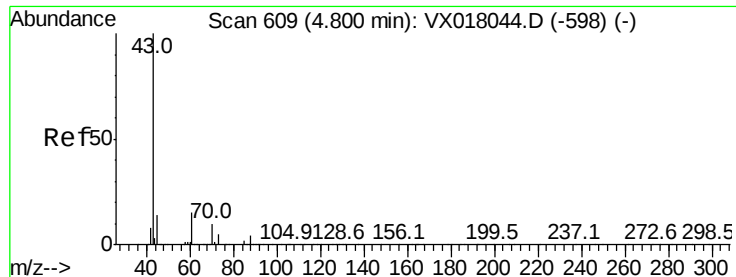
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	20.3	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 49.798 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.0	54.0
77	30.6	24.4	36.6

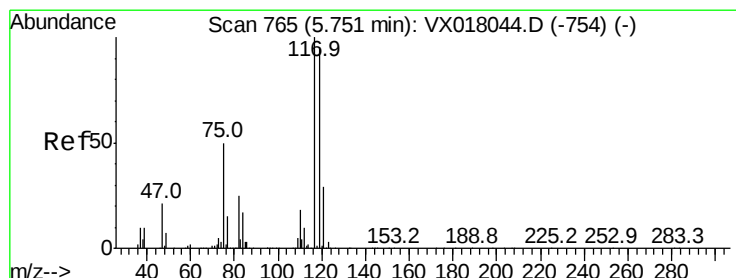
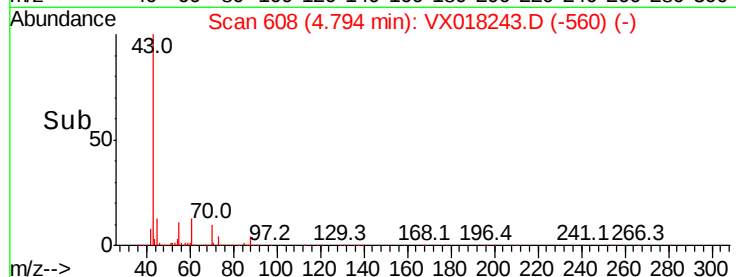
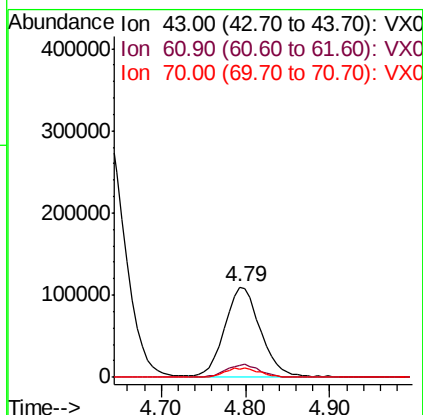
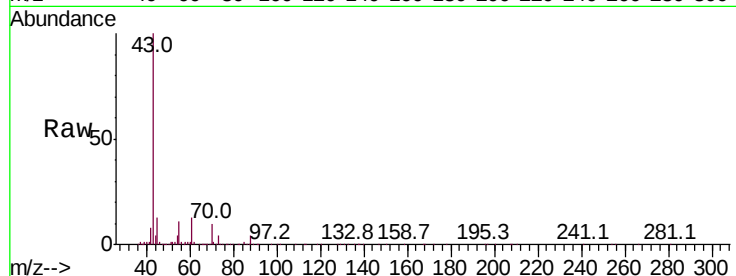




#37
Ethyl Acetate
Concen: 46.598 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

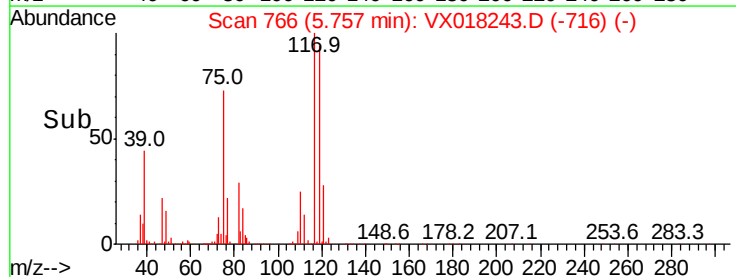
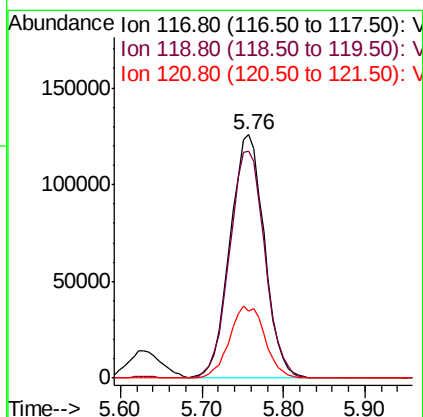
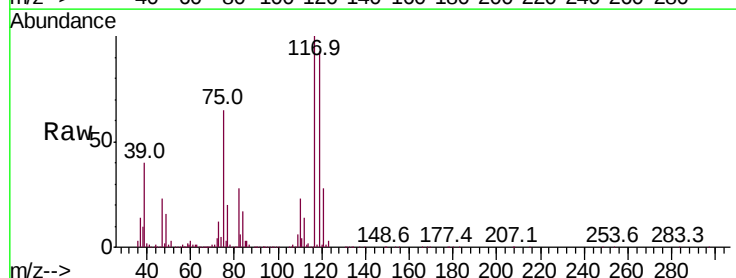
Instrument :
MSVOA_X
ClientSampleId :

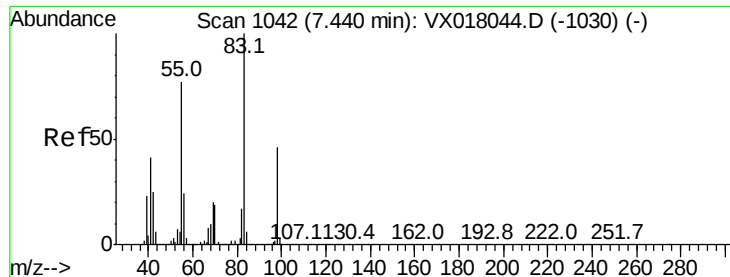
Tot Ion: 43 Resp: 314858
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 55.865 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 117 Resp: 366264
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.6
121 27.7 23.4 35.0

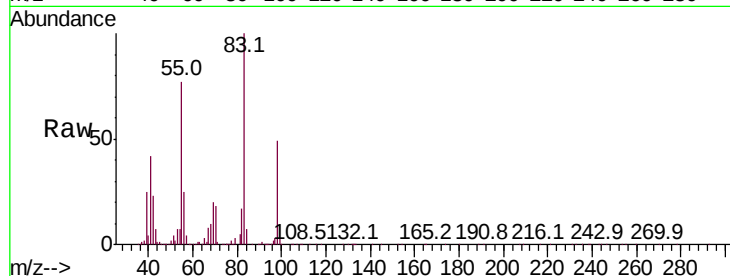




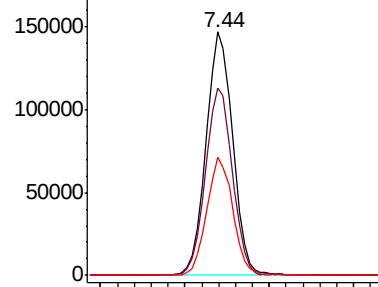
#39
Methvlcvclohexane
Concen: 49.182 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

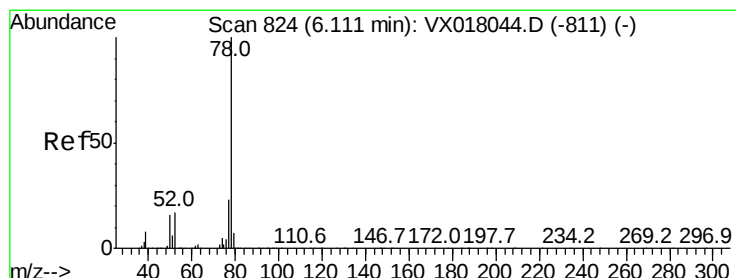
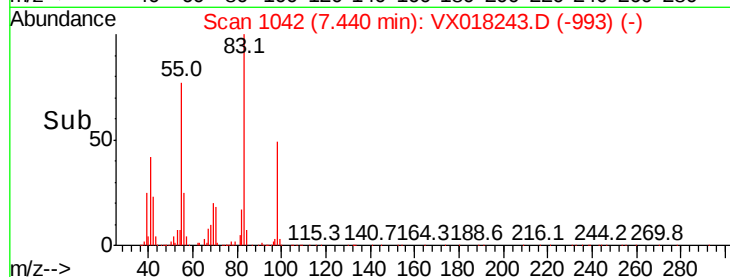
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.8	92.6
98	48.6	36.6	55.0



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

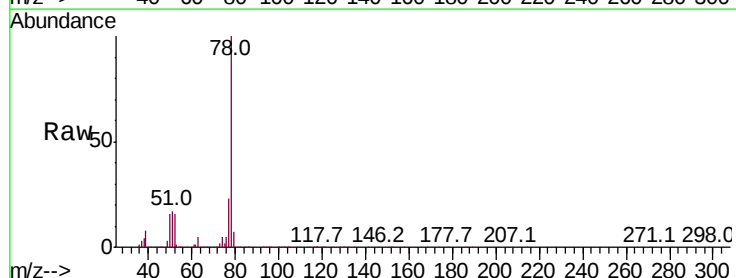


Time--> 7.30 7.40 7.50 7.60

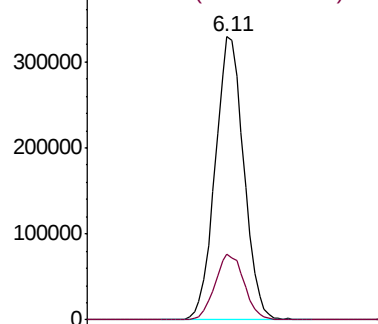


#40
Benzene
Concen: 50.087 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

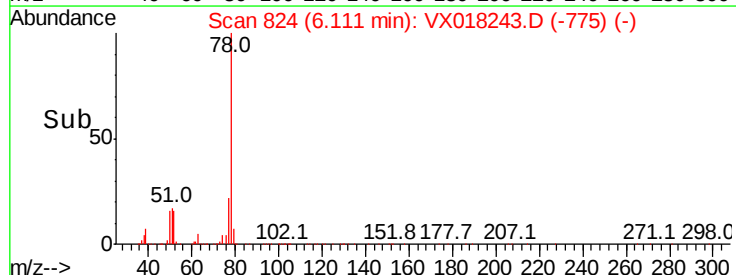
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2

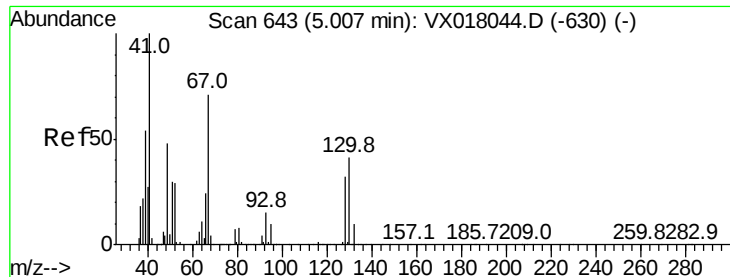


Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time--> 6.00 6.10 6.20

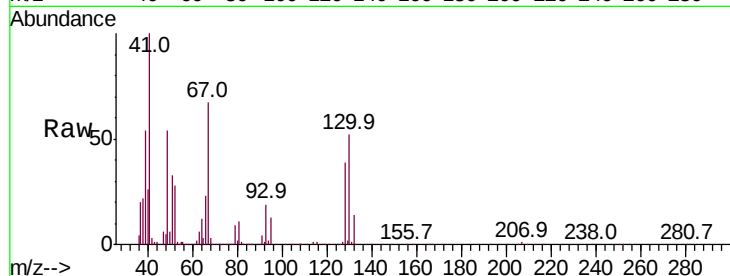




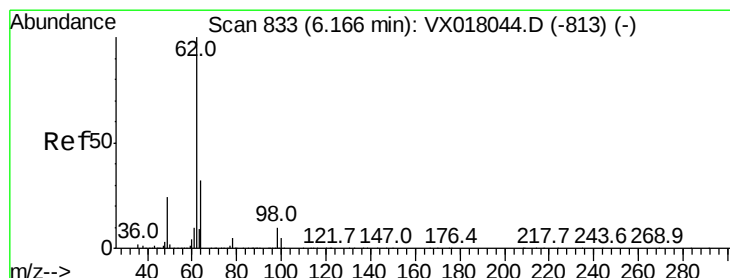
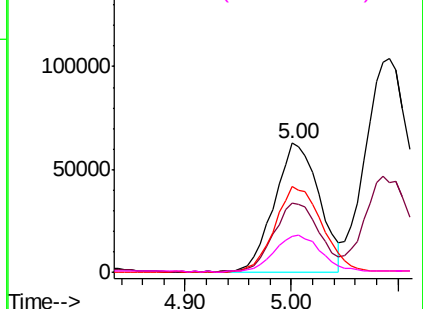
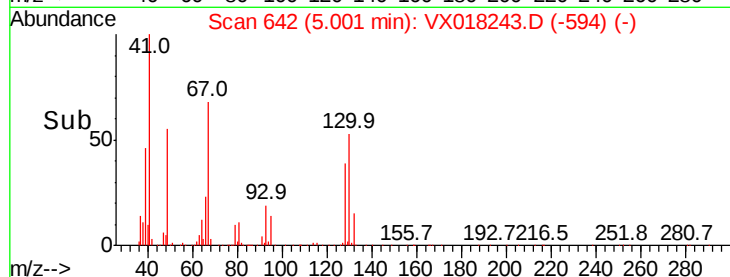
#41
Methacrylonitrile
Concen: 49.372 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	183169
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.1	64.7
67	69.7	56.0	84.0
52	29.6	22.7	34.1

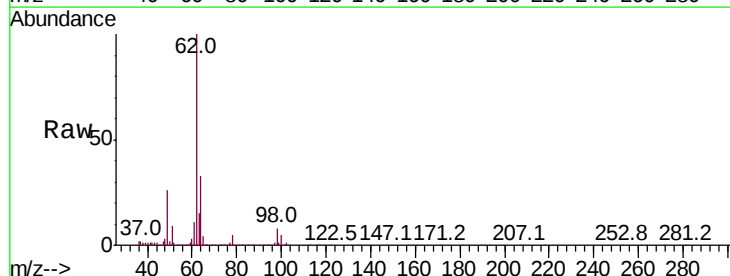


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

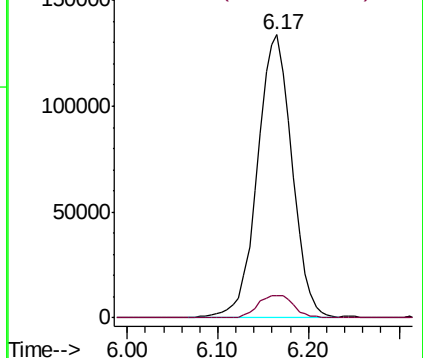
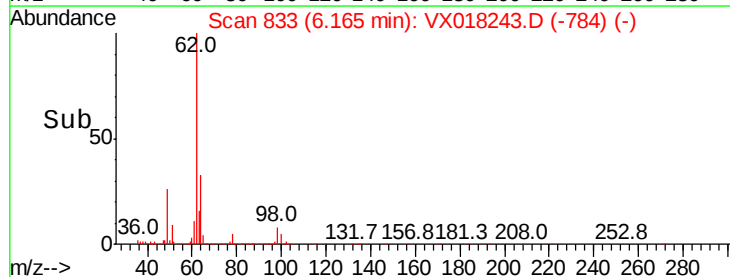


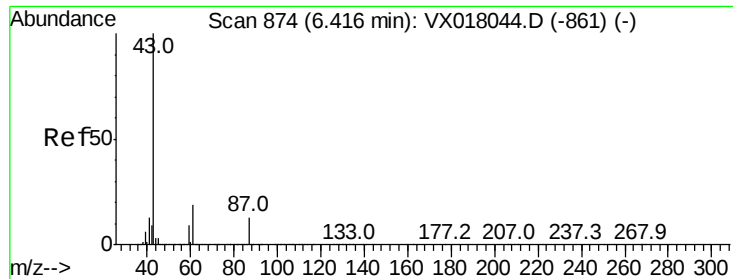
#42
1,2-Dichloroethane
Concen: 53.652 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion:	62	Resp:	351394
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2



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



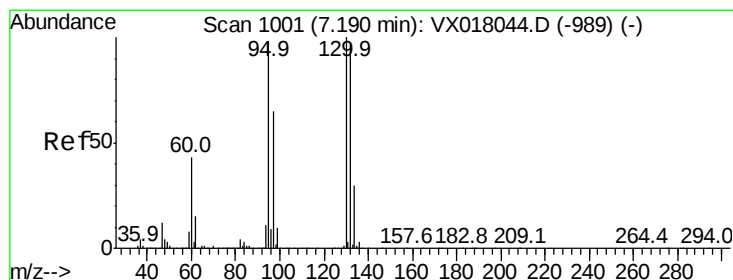
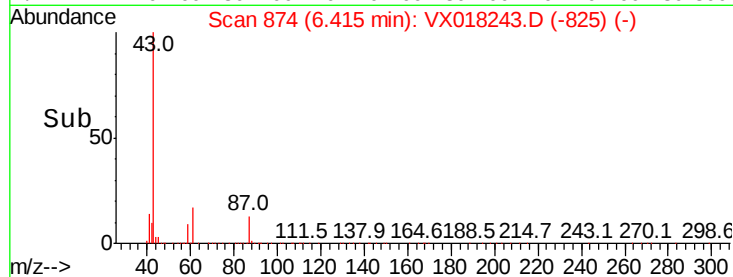
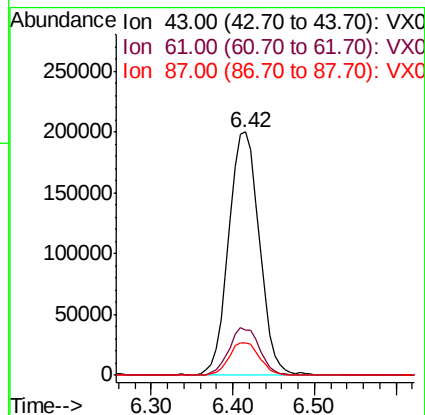
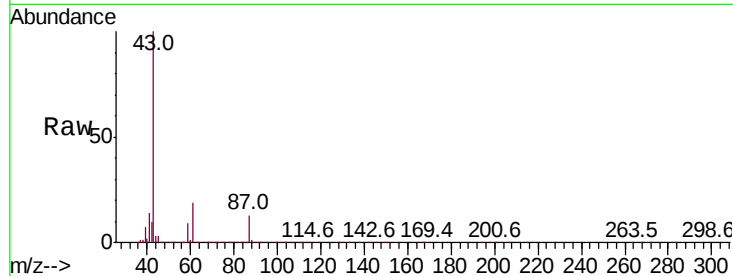


#43

Isopropyl Acetate
 Concen: 47.478 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampled :

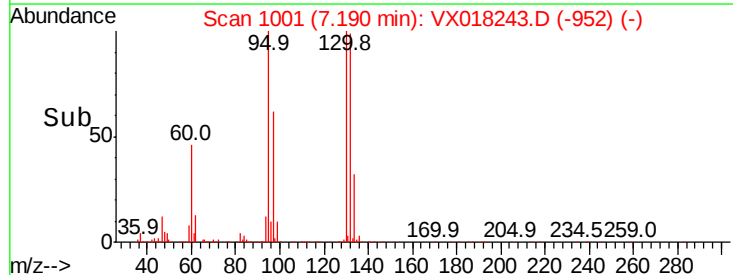
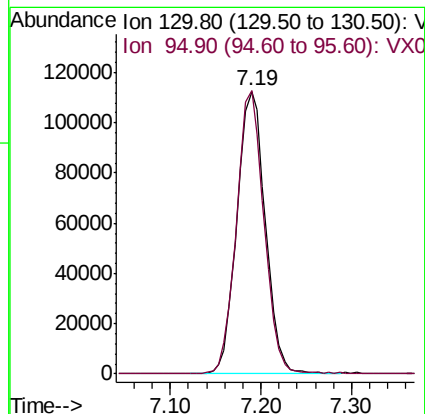
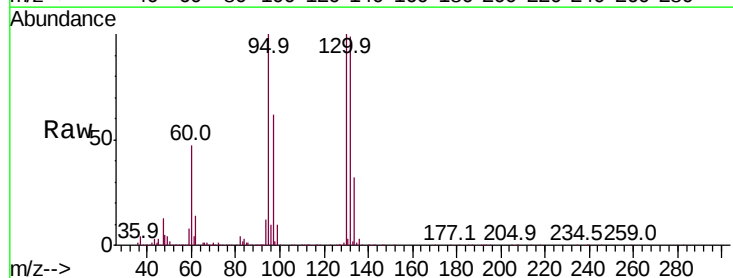
Tot Ion: 43 Resp: 518151
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.7 23.5
 87 13.6 10.3 15.5

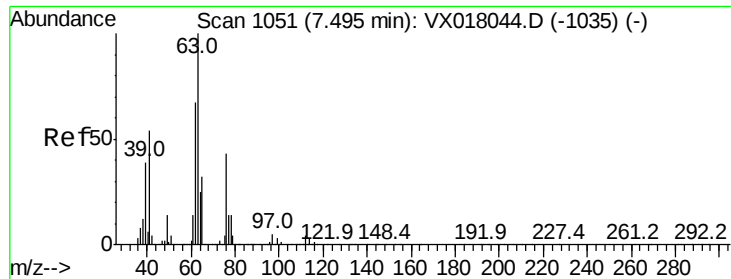


#44

Trichloroethene
 Concen: 50.446 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion: 130 Resp: 243661
 Ion Ratio Lower Upper
 130 100
 95 100.1 0.0 196.4

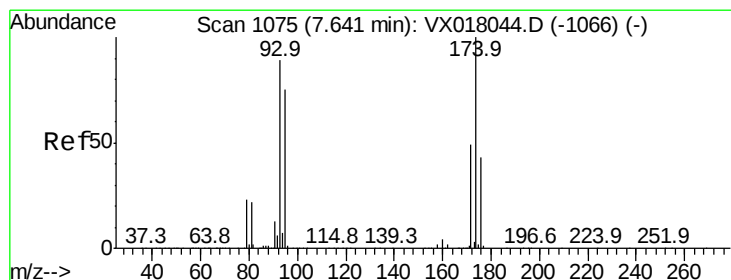
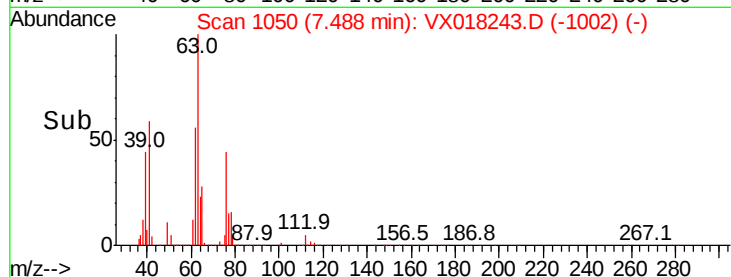
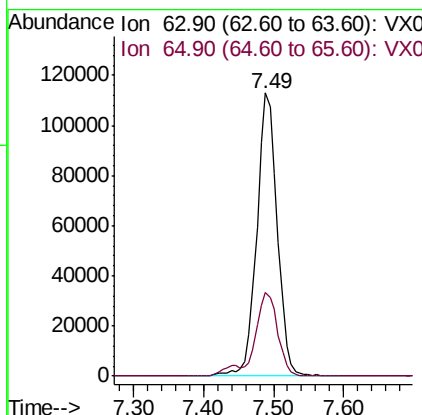
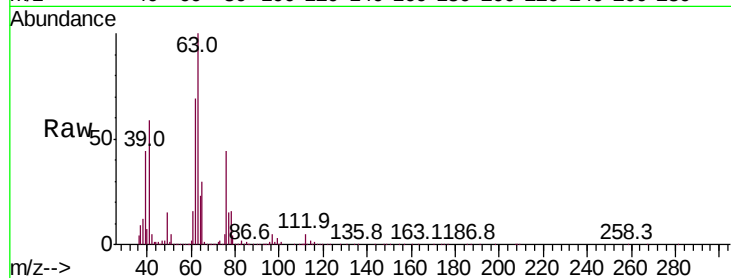




#45
 1,2-Dichloropropane
 Concen: 49.873 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

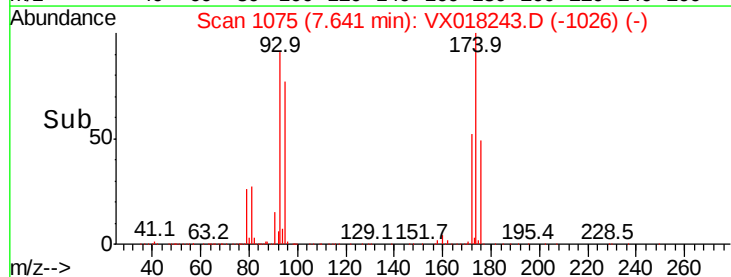
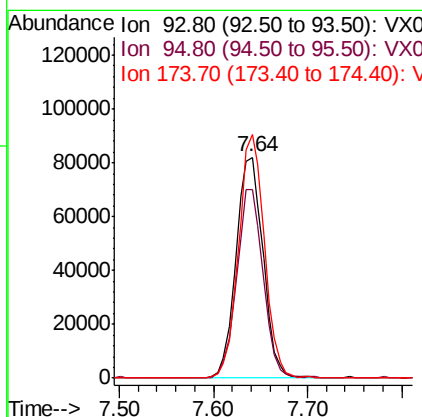
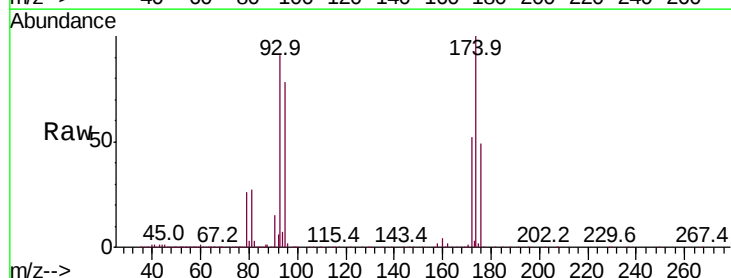
Instrument :
 MSVOA_X
 ClientSampleId :

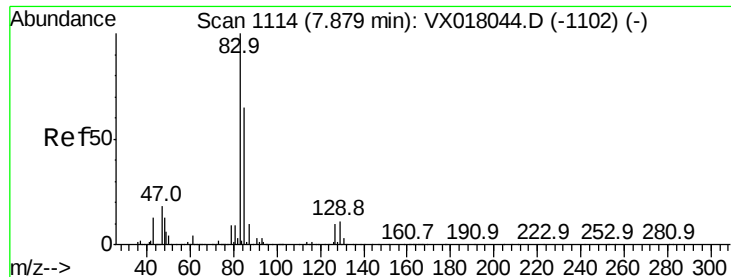
Tot Ion: 63 Resp: 229779
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.7 38.5



#46
 Dibromomethane
 Concen: 50.834 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion: 93 Resp: 164698
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.3 100.9
 174 105.2 82.2 123.2





#47

Bromodichloromethane

Concen: 54.332 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

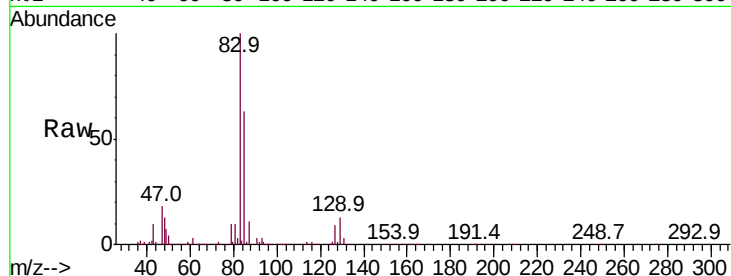
Tot Ion: 83 Resp: 351475

Ion Ratio Lower Upper

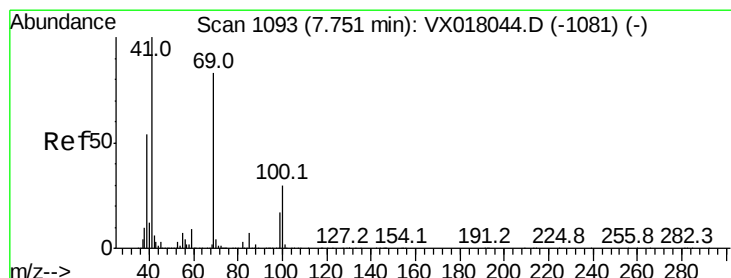
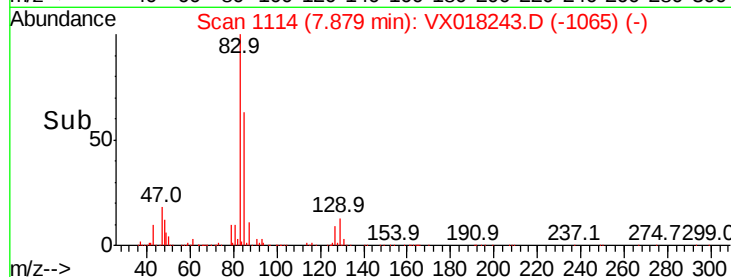
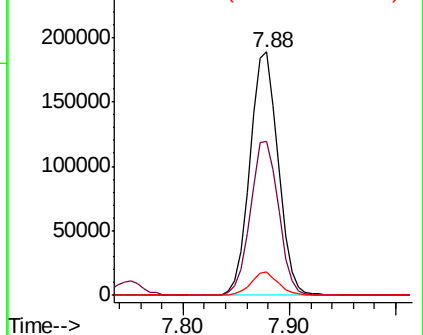
83 100

85 63.3 51.8 77.6

127 9.5 7.7 11.5



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: 49.798 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

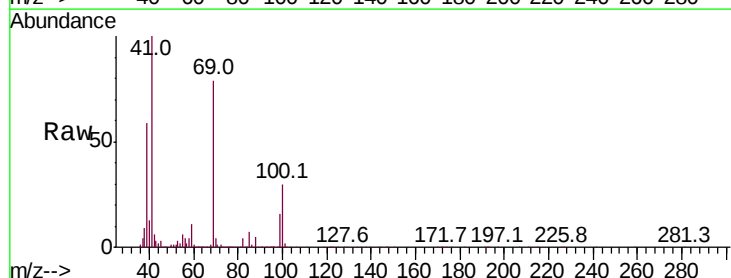
Tgt Ion: 41 Resp: 270546

Ion Ratio Lower Upper

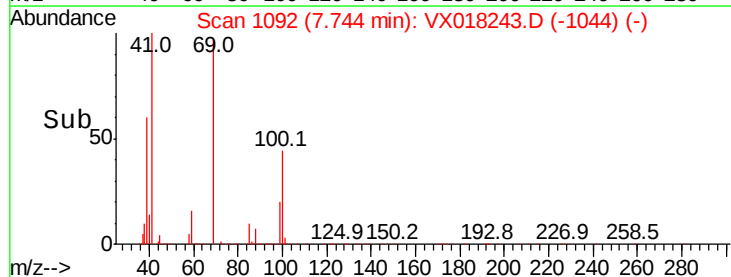
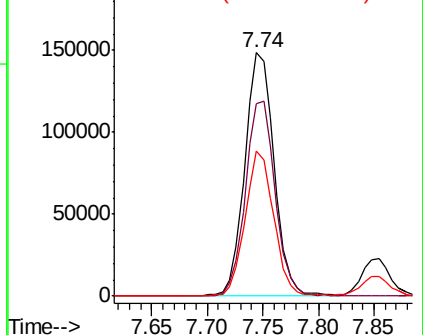
41 100

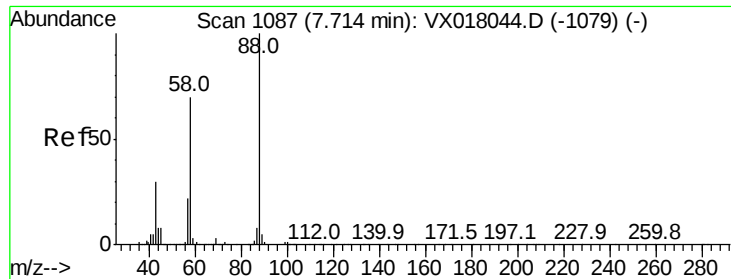
69 82.0 65.5 98.3

39 58.2 44.5 66.7



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

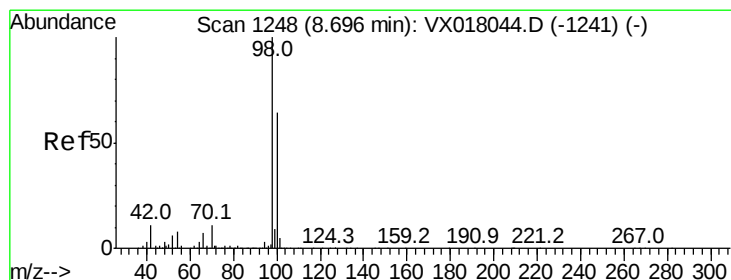
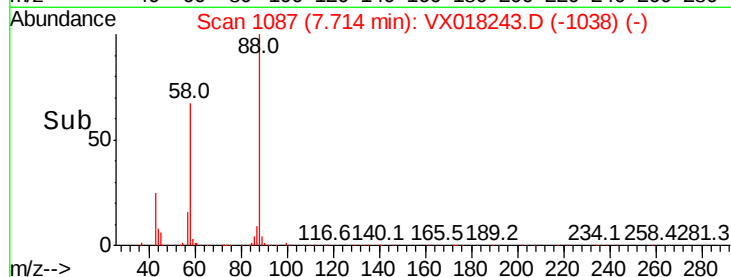
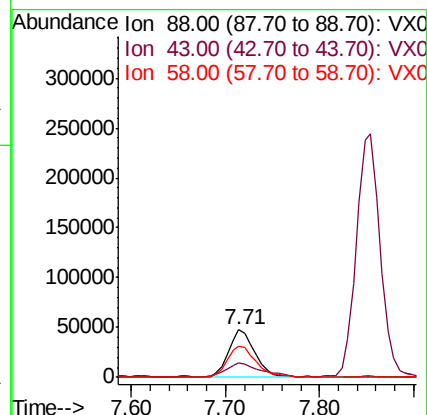
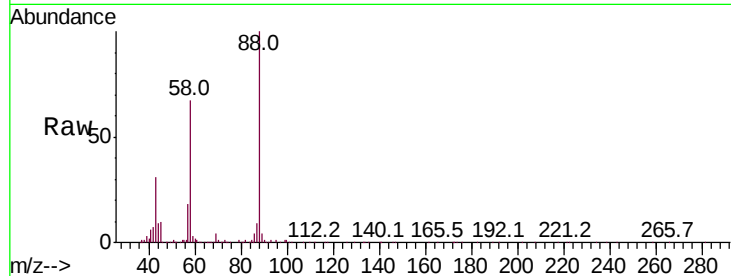




#49
1,4-Dioxane
Concen: 945.259 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

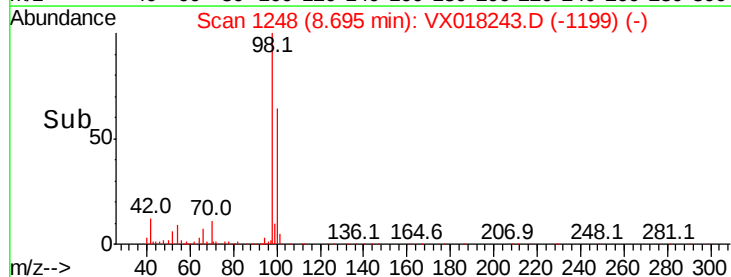
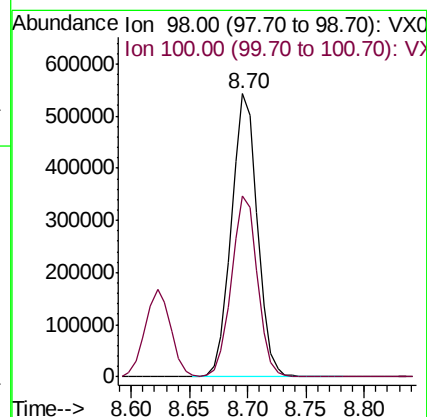
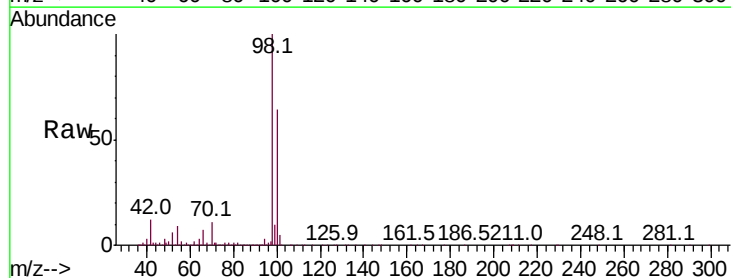
Instrument :
MSVOA_X
ClientSampleId :

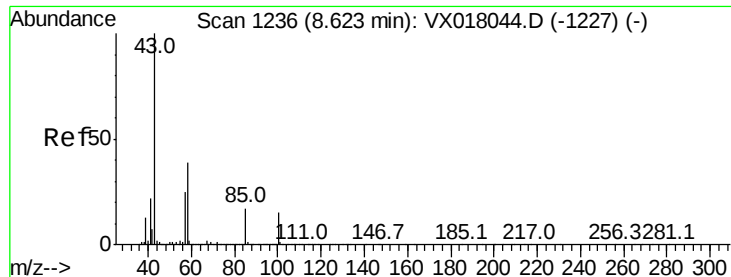
Tot Ion: 88 Resp: 93024
Ion Ratio Lower Upper
88 100
43 36.6 27.4 41.0
58 72.0 56.4 84.6



#50
Toluene-d8
Concen: 52.553 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 98 Resp: 840823
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 254.052 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

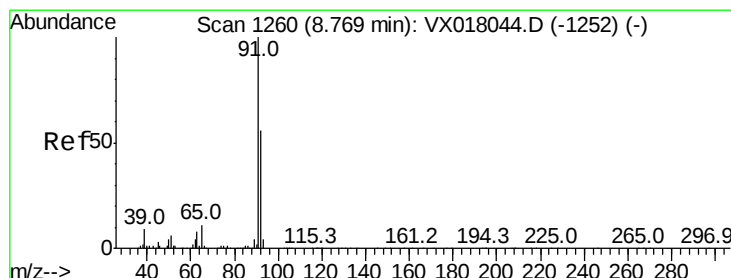
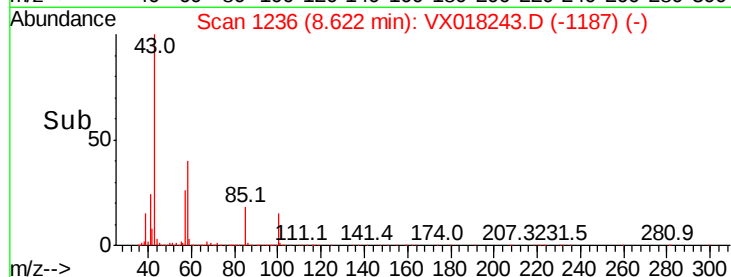
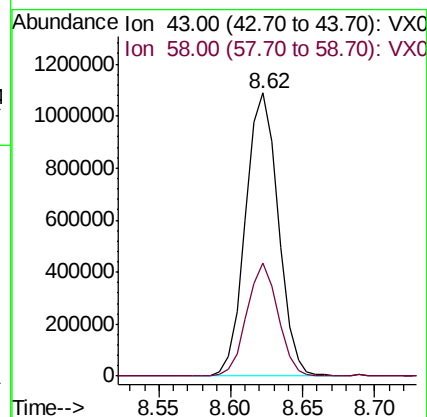
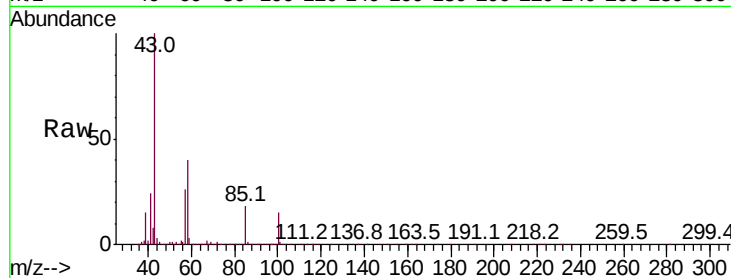
ClientSampleId :

Tot Ion: 43 Resp: 1712659

Ion Ratio Lower Upper

43 100

58 38.0 30.7 46.1



#52

Toluene

Concen: 50.972 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018243.D

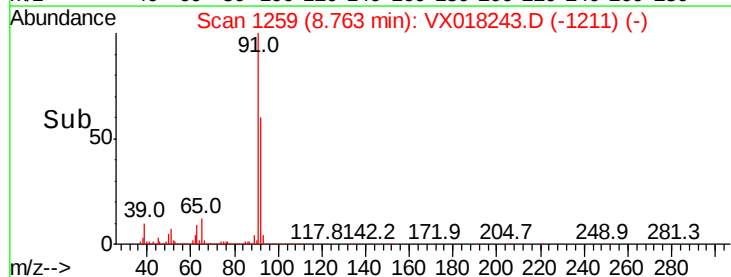
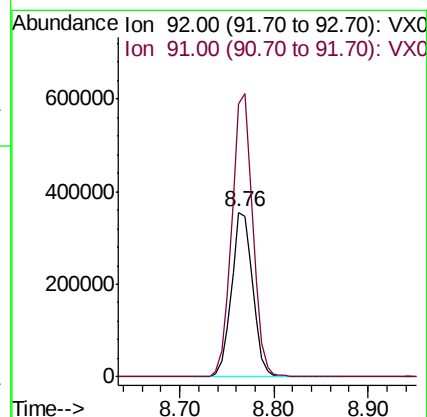
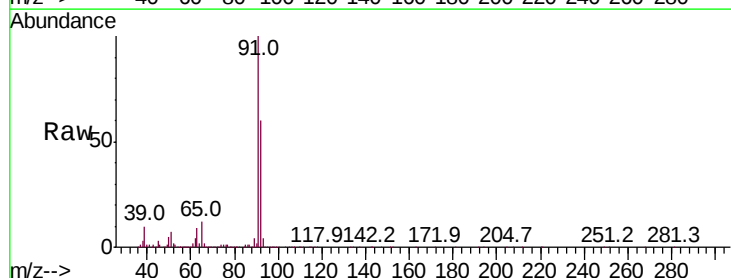
Acq: 03 Sep 2020 18:23

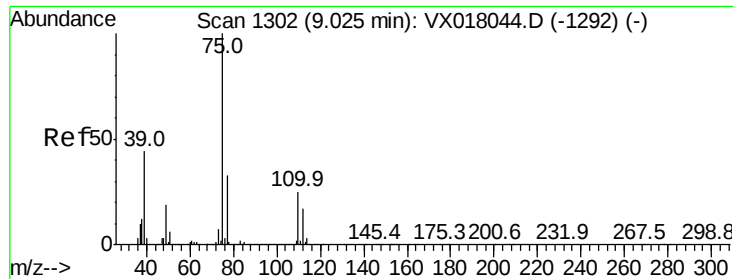
Tgt Ion: 92 Resp: 552510

Ion Ratio Lower Upper

92 100

91 170.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 51.552 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

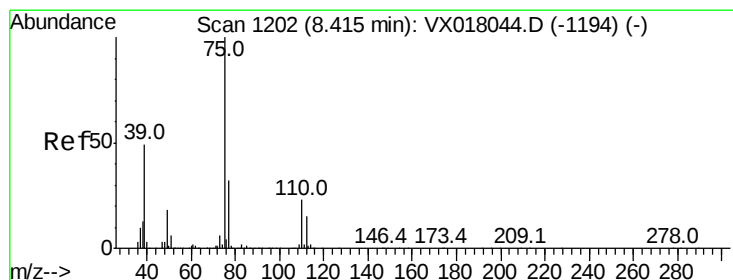
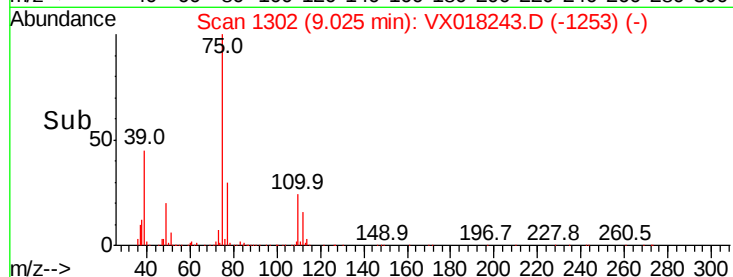
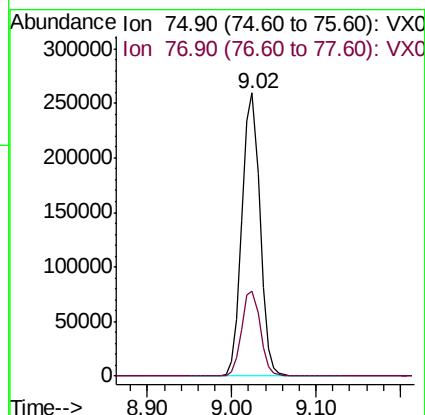
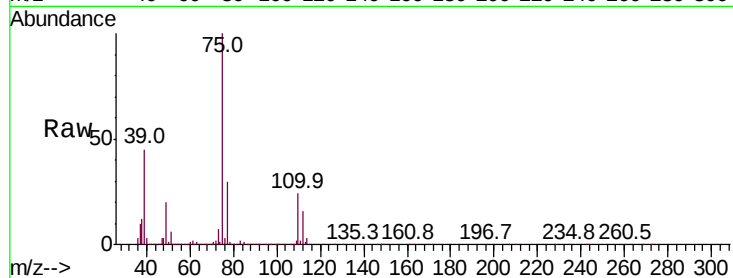
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 369614

Ion Ratio Lower Upper

75 100

77 30.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 48.430 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

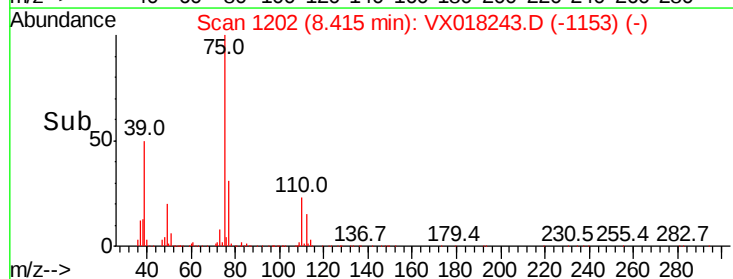
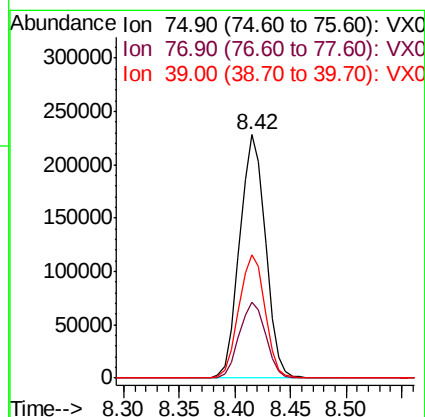
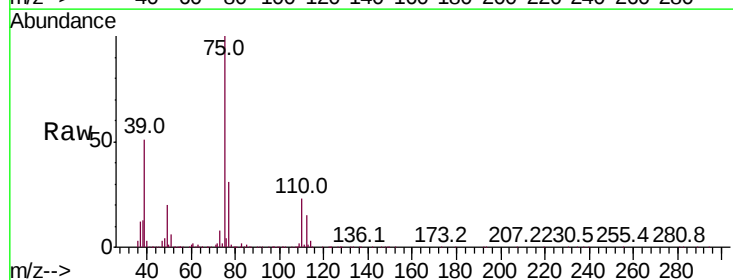
Tgt Ion: 75 Resp: 367831

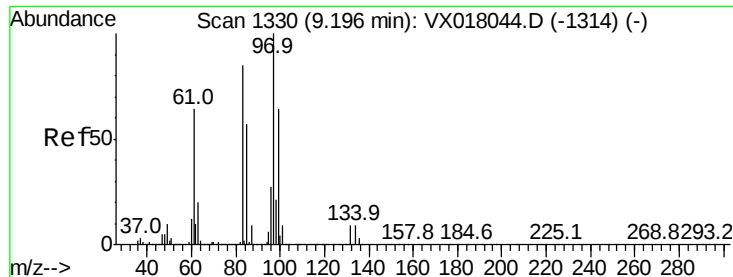
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

39 50.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 51.231 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 236842

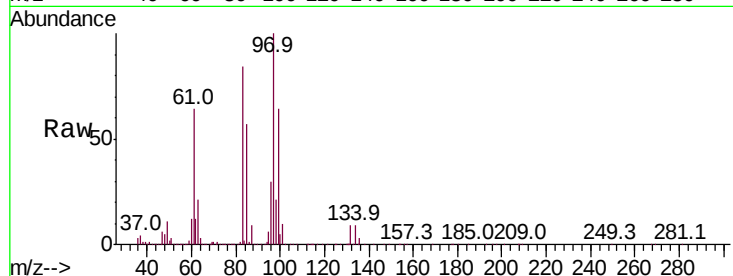
Ion Ratio Lower Upper

97 100

83 83.6 67.8 101.6

85 57.2 45.3 67.9

99 64.0 50.9 76.3

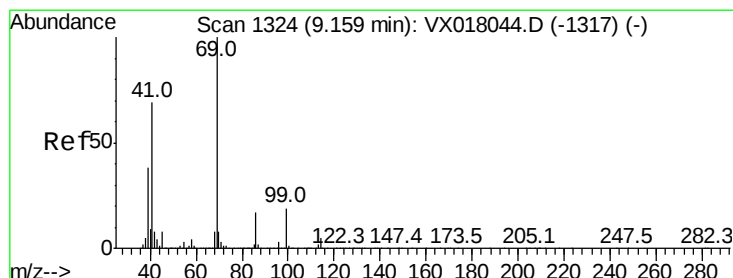
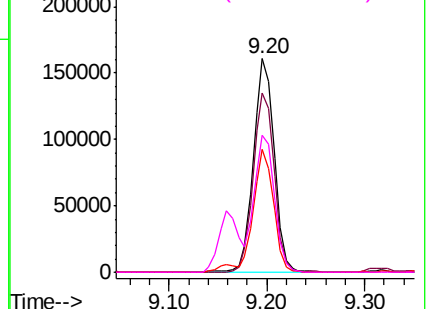
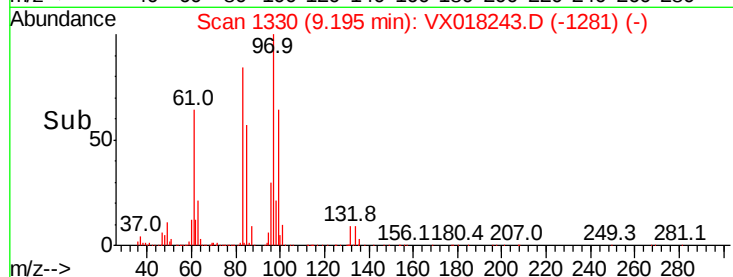


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.114 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

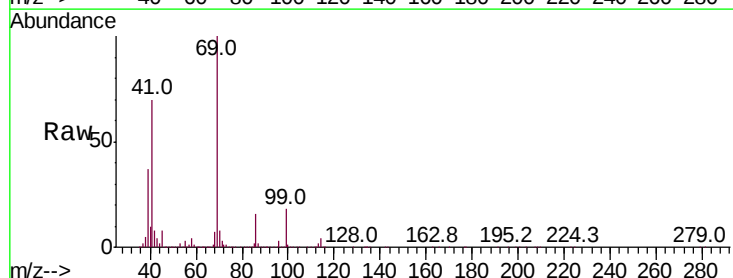
Tgt Ion: 69 Resp: 351284

Ion Ratio Lower Upper

69 100

41 67.0 54.6 81.8

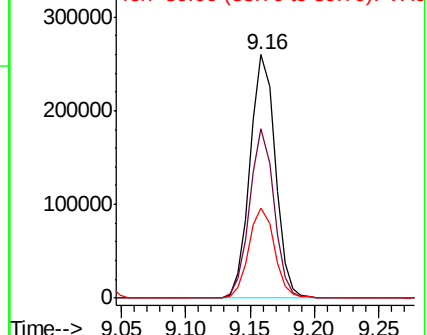
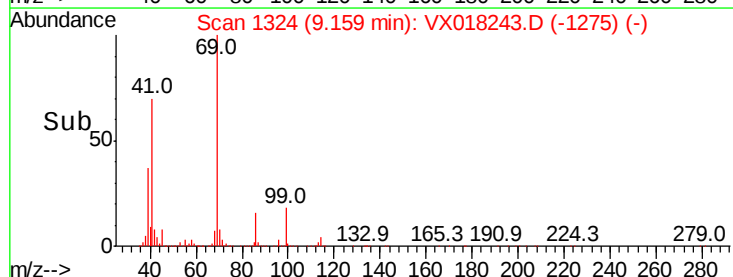
39 37.8 29.1 43.7

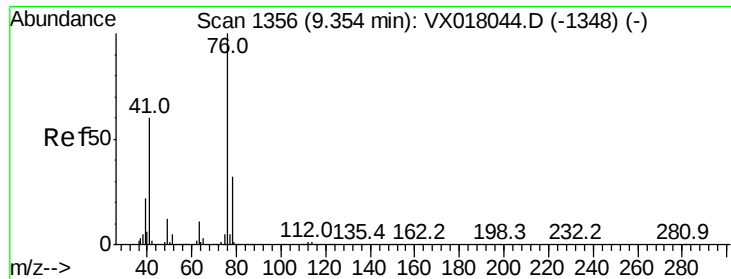


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.193 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

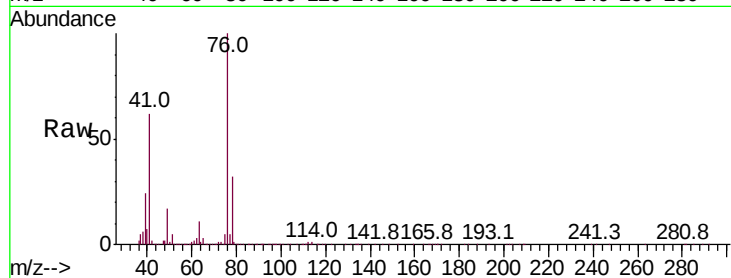
ClientSampleId :

Tot Ion: 76 Resp: 382723

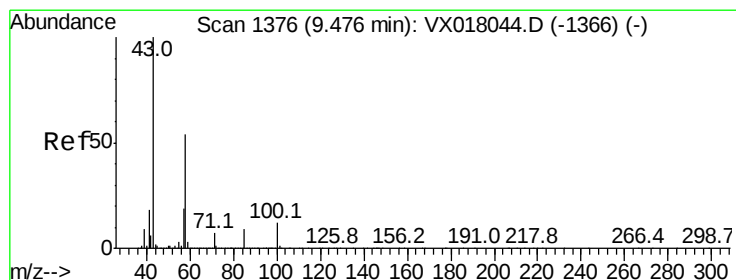
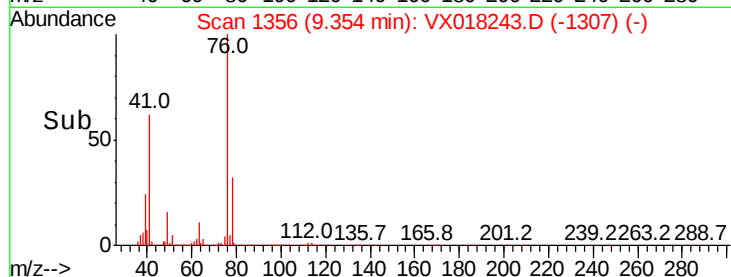
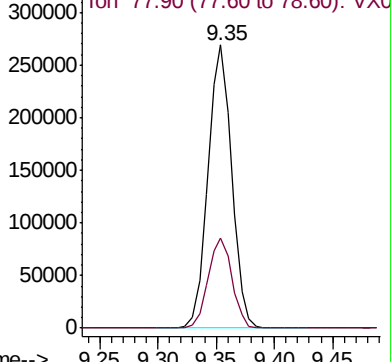
Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0



#59

2-Hexanone

Concen: 259.693 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018243.D

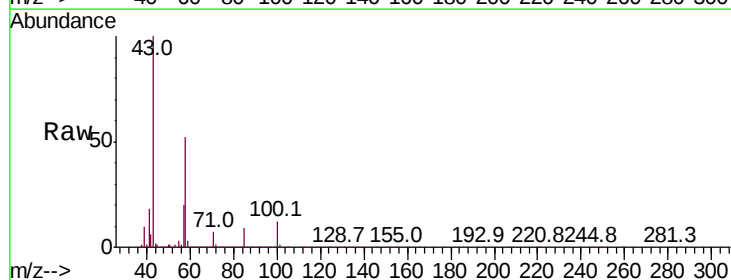
Acq: 03 Sep 2020 18:23

Tgt Ion: 43 Resp: 1331198

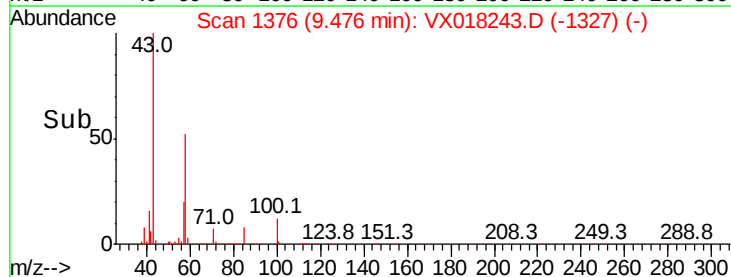
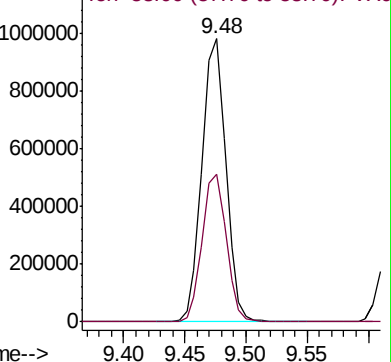
Ion Ratio Lower Upper

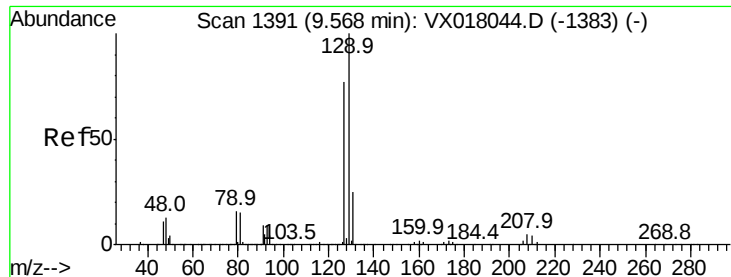
43 100

58 52.7 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0





#60

Dibromochloromethane

Concen: 53.353 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

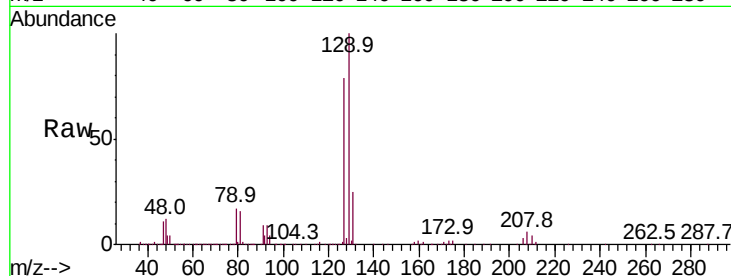
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 289346

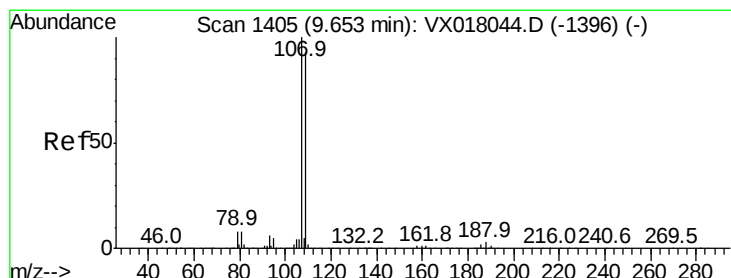
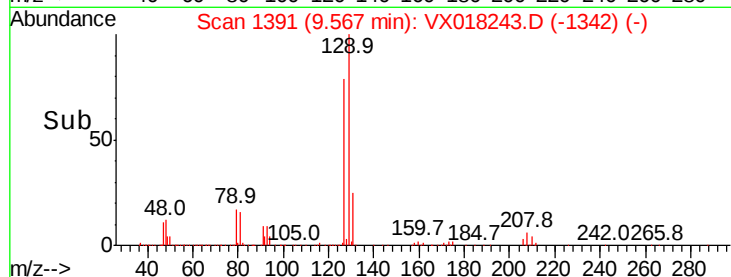
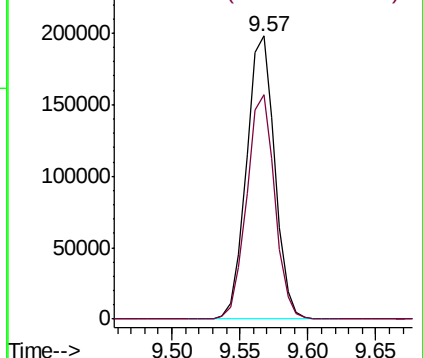
Ion Ratio Lower Upper

129 100

127 78.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.622 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018243.D

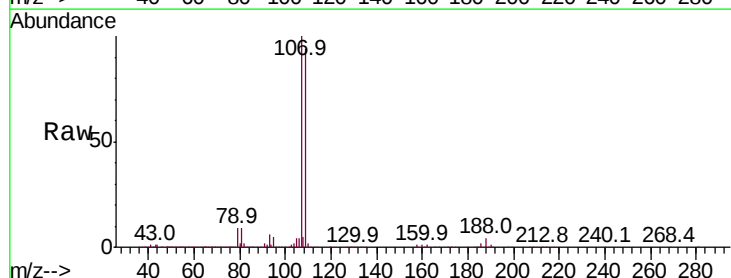
Acq: 03 Sep 2020 18:23

Tgt Ion:107 Resp: 259093

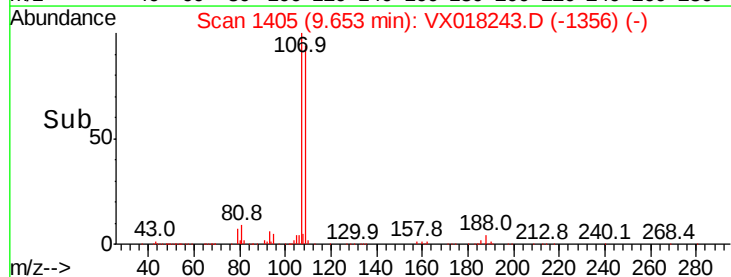
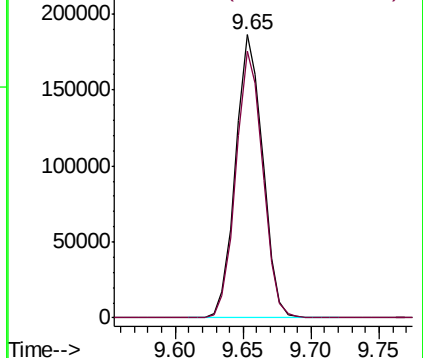
Ion Ratio Lower Upper

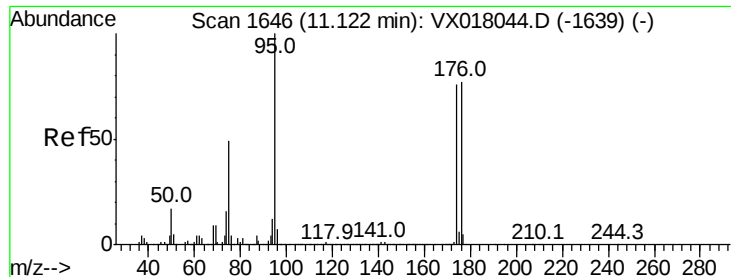
107 100

109 93.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

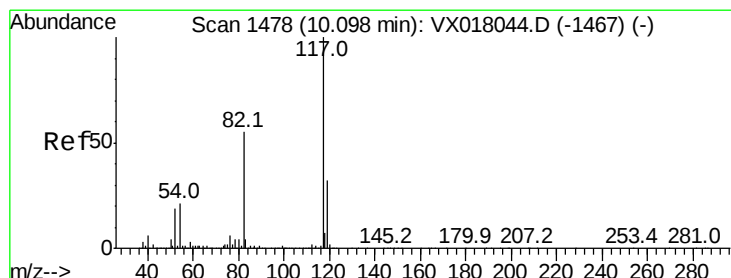
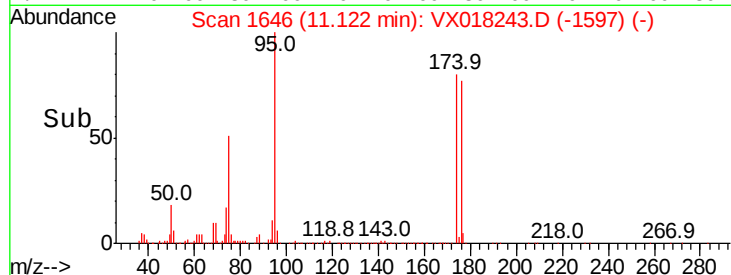
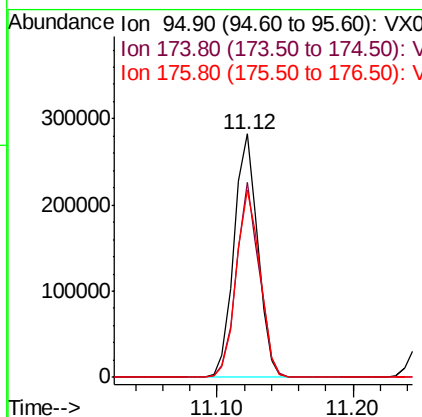
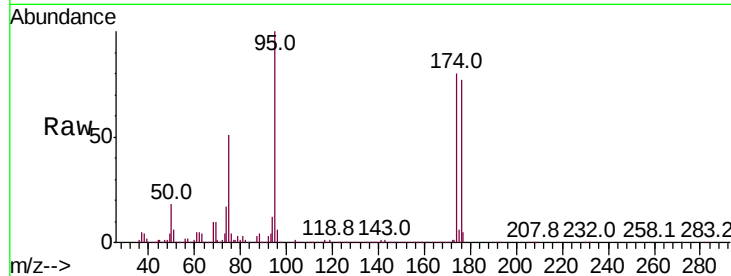




#62
4-Bromofluorobenzene
Concen: 54.477 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

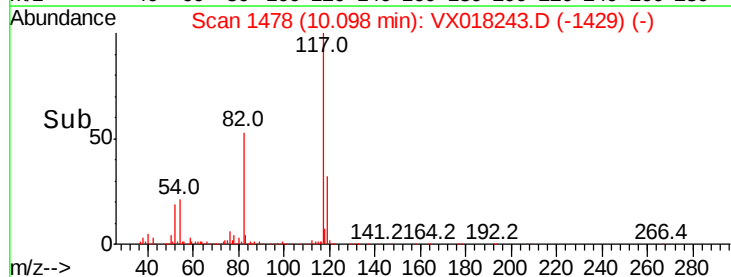
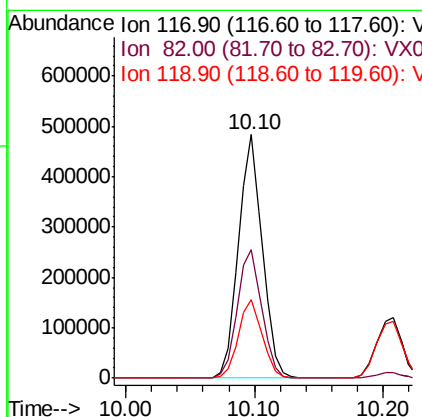
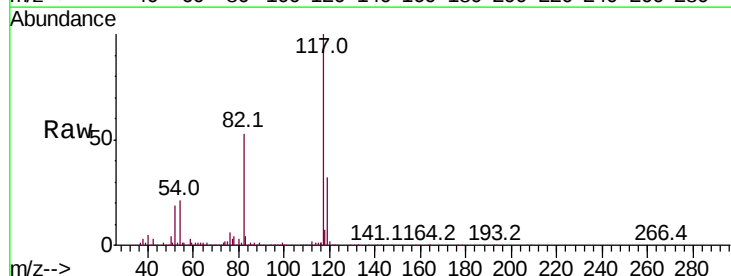
Instrument :
MSVOA_X
ClientSampleId :

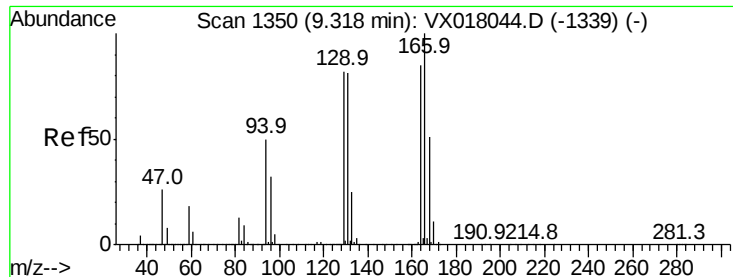
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	160.2
176	76.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.2	66.2
119	32.2	25.7	38.5

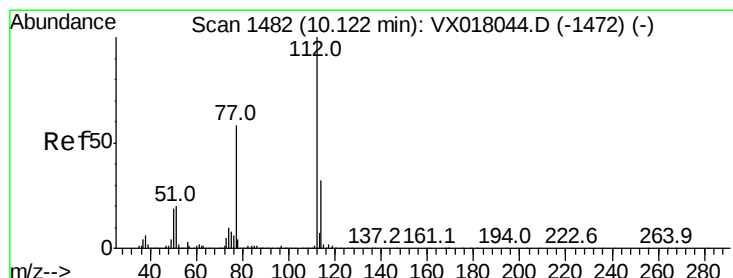
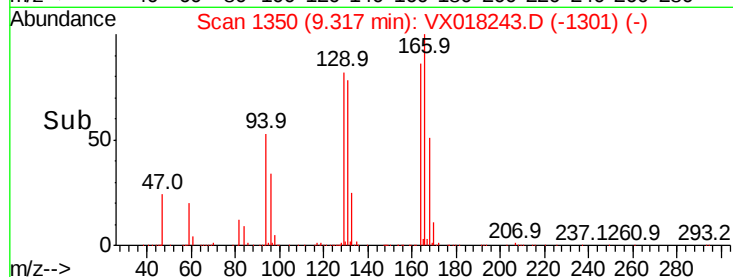
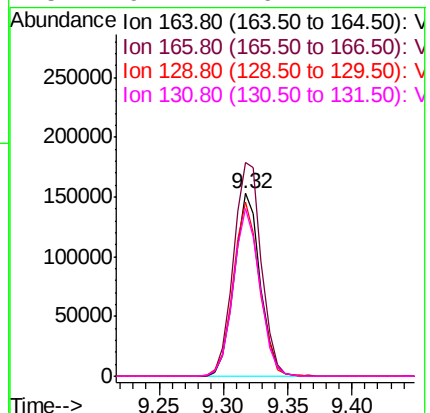
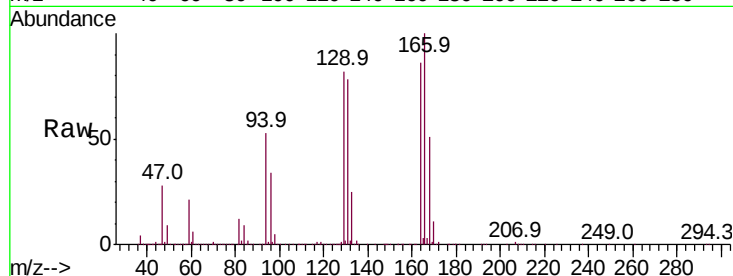




#64
Tetrachloroethene
Concen: 47.306 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

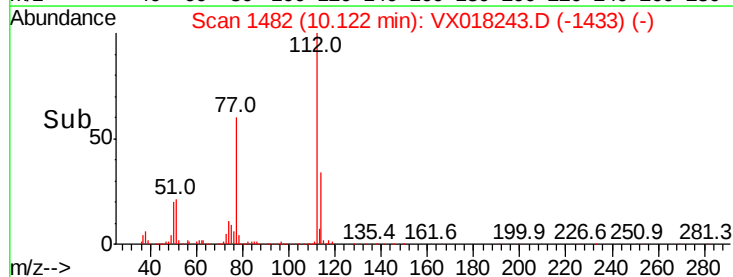
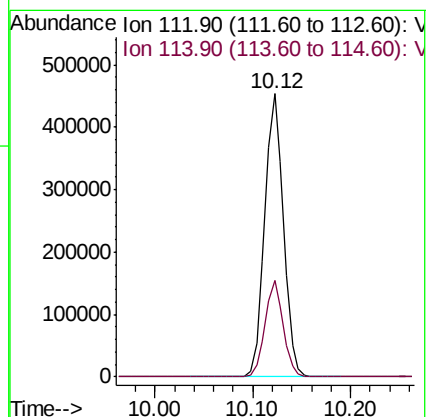
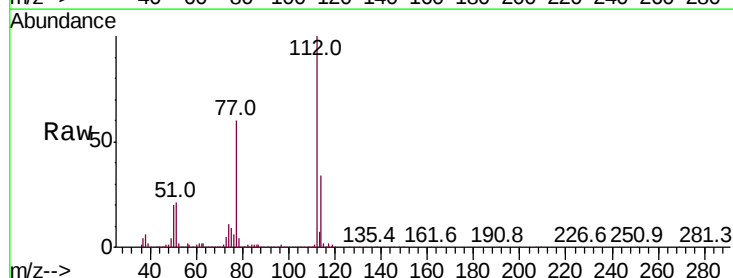
Instrument :
MSVOA_X
ClientSampleId :

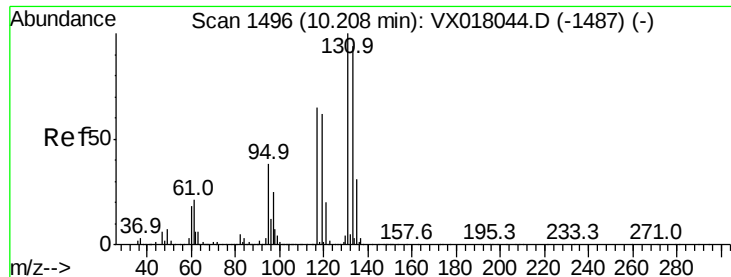
Tot Ion	Ratio	Lower	Upper
164	100		
166	116.7	94.2	141.2
129	95.4	76.9	115.3
131	91.4	76.1	114.1



#65
Chlorobenzene
Concen: 48.827 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.0	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.841 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampled :

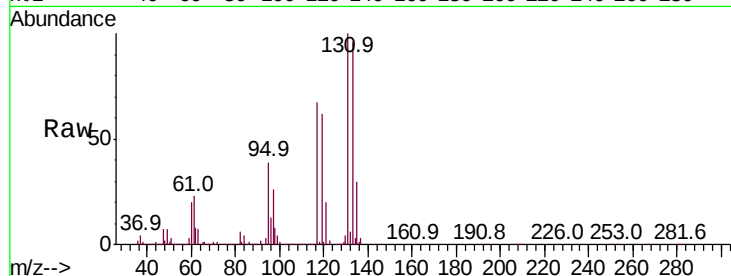
Tot Ion:131 Resp: 252935

Ion Ratio Lower Upper

131 100

133 94.0 46.7 140.1

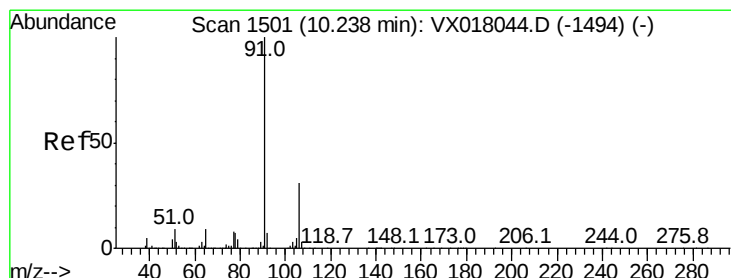
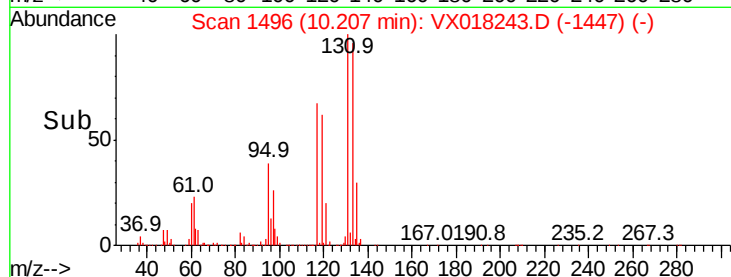
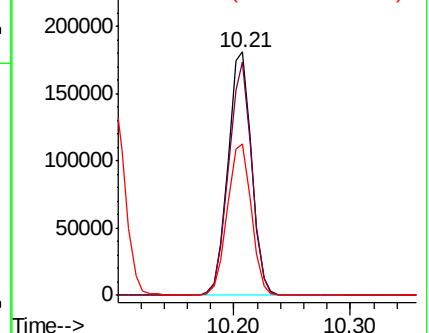
119 63.3 31.8 95.4



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: 50.612 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018243.D

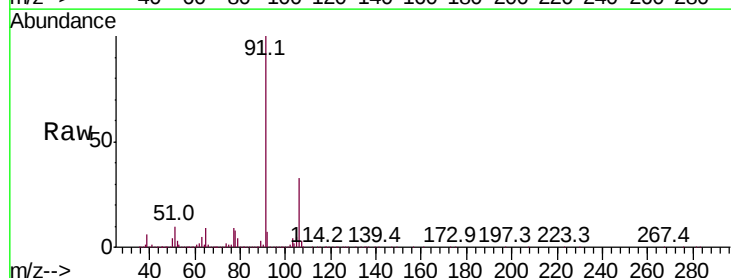
Acq: 03 Sep 2020 18:23

Tgt Ion: 91 Resp: 1065479

Ion Ratio Lower Upper

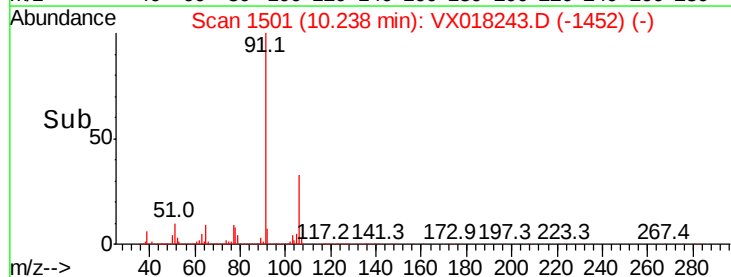
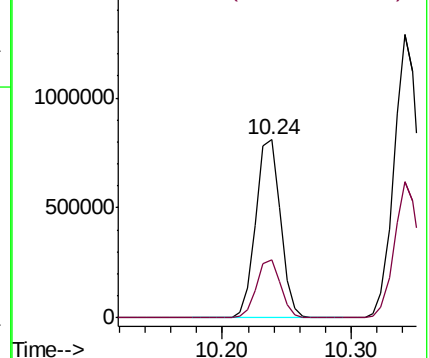
91 100

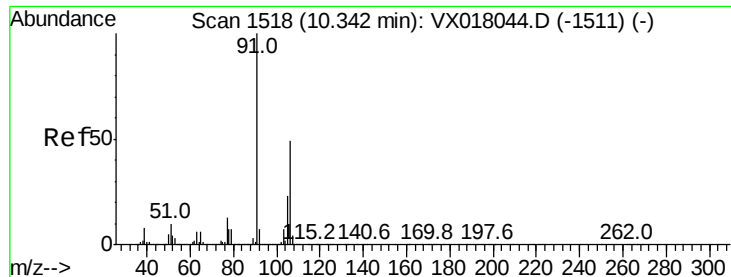
106 32.5 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

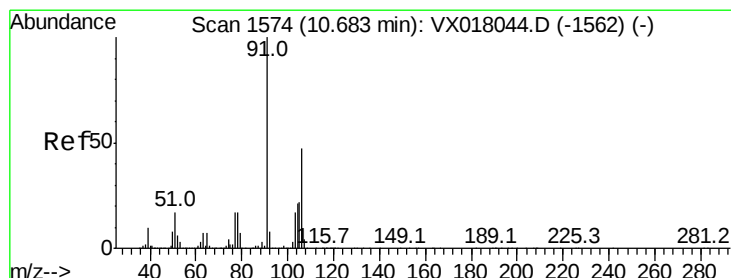
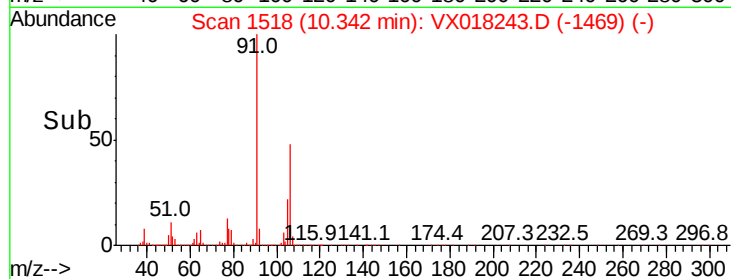
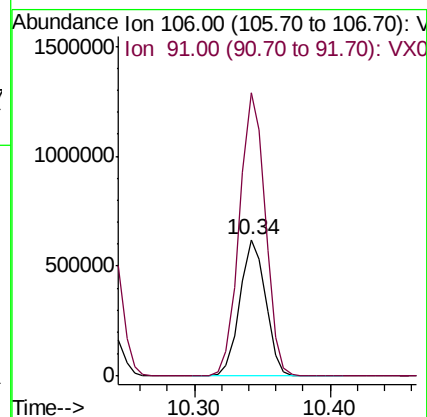
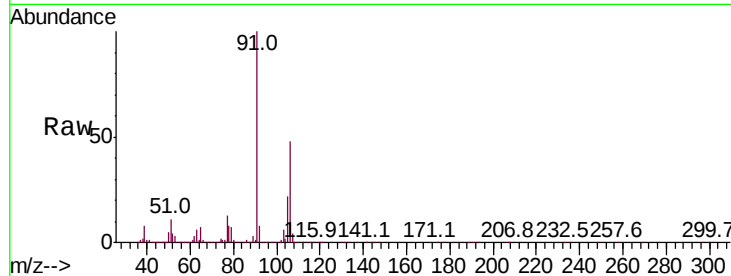




#68
m/p-Xylenes
Concen: 104.403 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

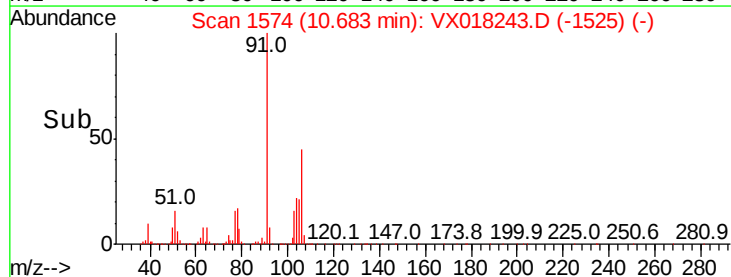
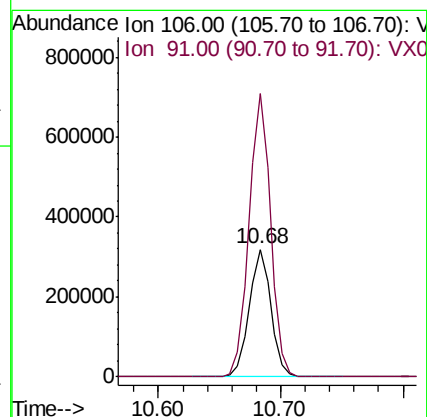
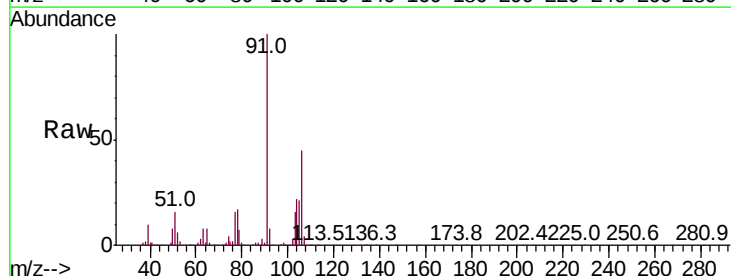
Instrument :
MSVOA_X
ClientSampled :

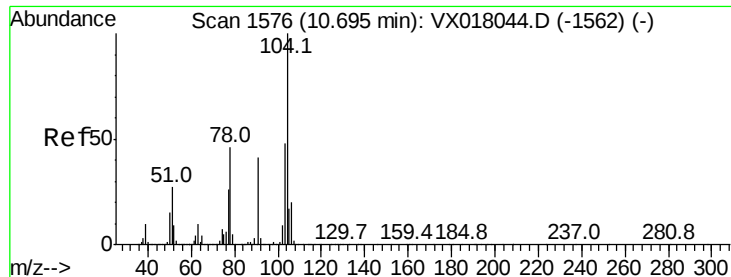
Tot Ion:106 Resp: 820352
Ion Ratio Lower Upper
106 100
91 208.1 162.2 243.2



#69
o-Xylene
Concen: 51.311 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion:106 Resp: 390835
Ion Ratio Lower Upper
106 100
91 221.5 107.1 321.3

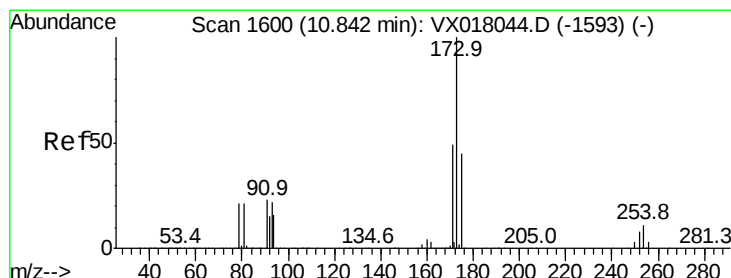
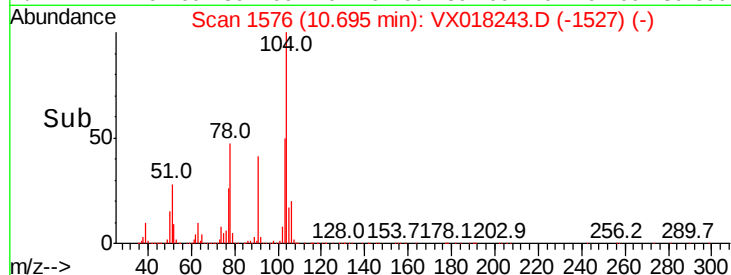
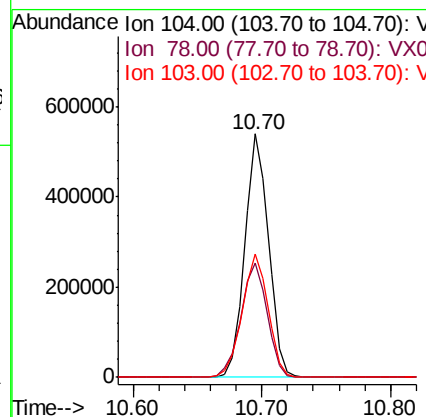
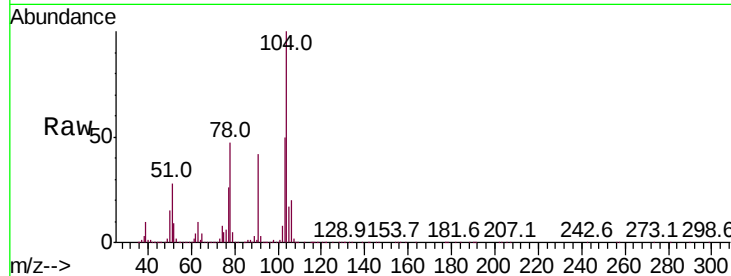




#70
Stvrene
Concen: 52.838 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

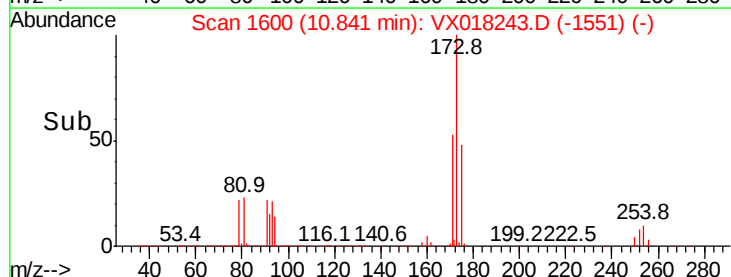
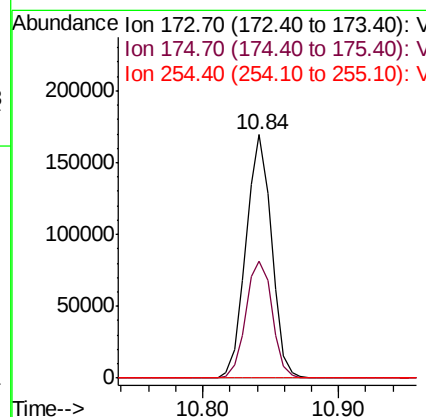
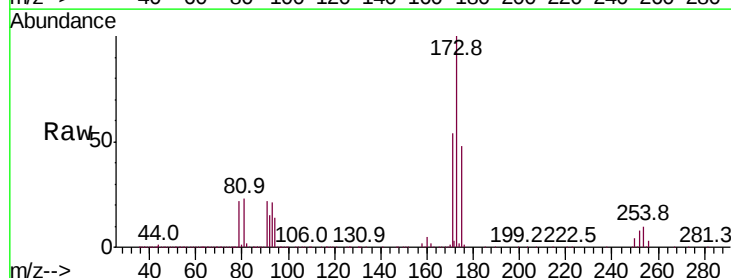
Instrument :
MSVOA_X
ClientSampleId :

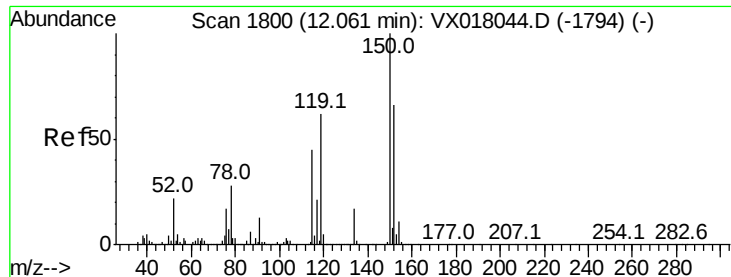
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	40.9	61.3
103	55.6	43.6	65.4



#71
Bromoform
Concen: 53.473 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.9	71.8
254	0.3	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

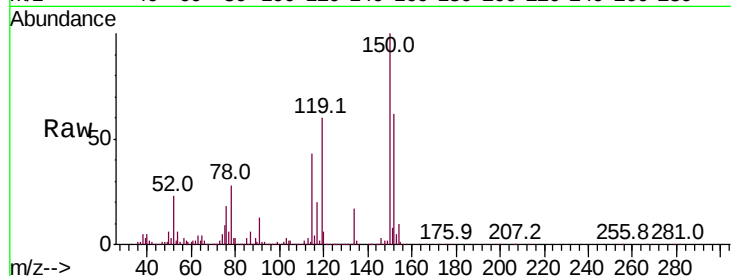
Tot Ion:152 Resp: 339720

Ion Ratio Lower Upper

152 100

115 79.5 41.5 124.5

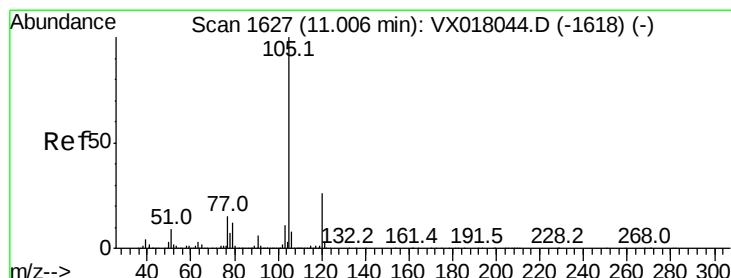
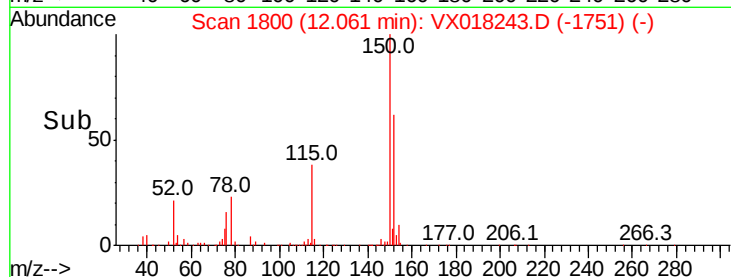
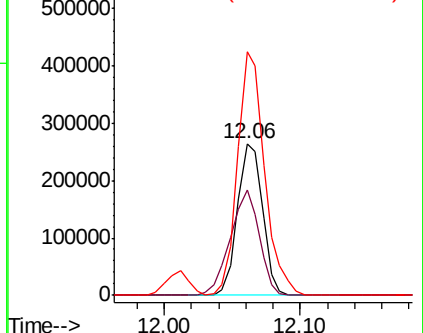
150 172.9 0.0 343.8



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: 48.216 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018243.D

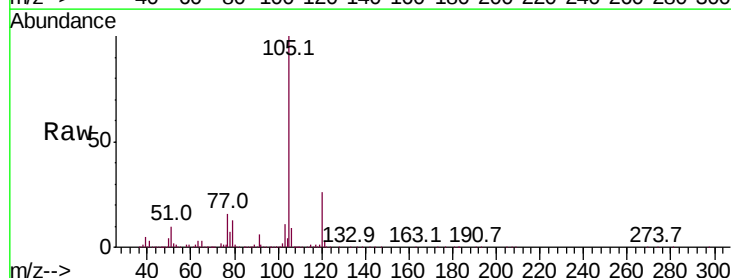
Acq: 03 Sep 2020 18:23

Tgt Ion:105 Resp: 1080435

Ion Ratio Lower Upper

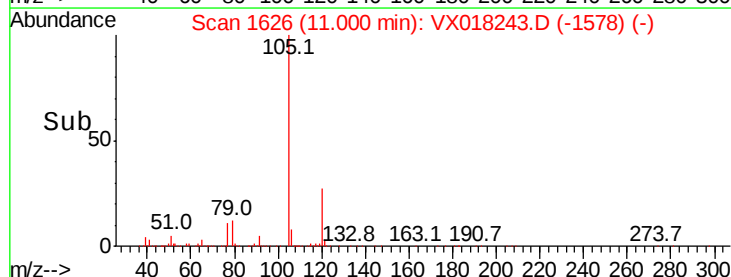
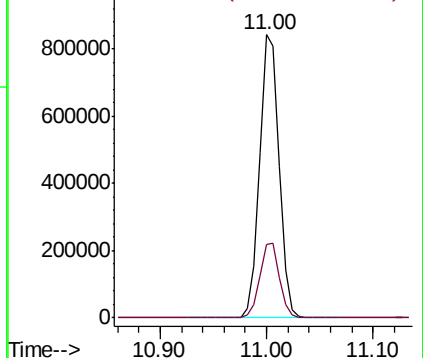
105 100

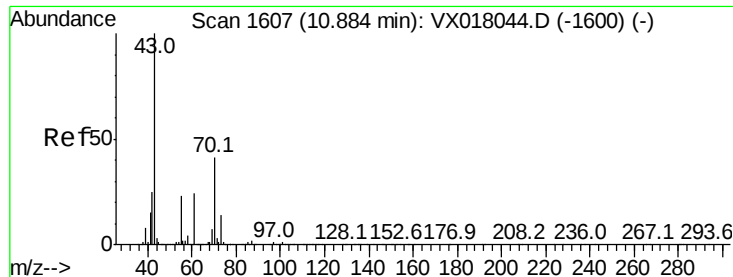
120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.755 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018243.D

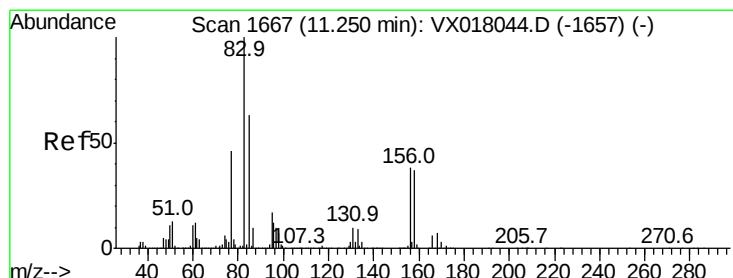
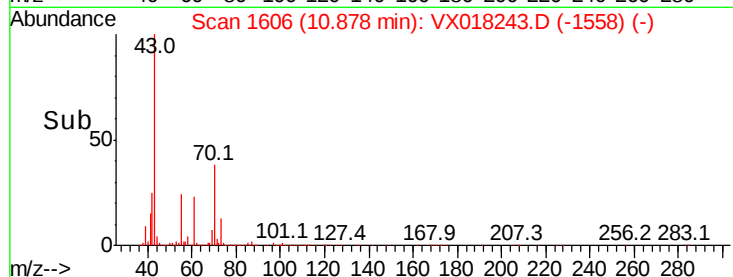
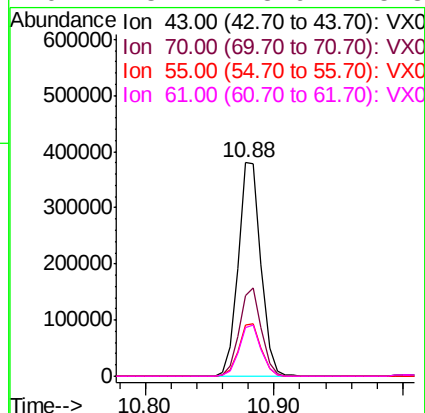
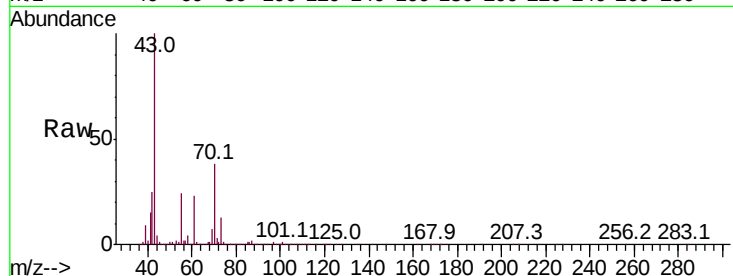
Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	465200
Ion	Ratio	Lower	Upper
43	100		
70	40.1	32.3	48.5
55	24.4	18.2	27.2
61	23.4	18.9	28.3



#75

1,1,2,2-Tetrachloroethane

Concen: 46.601 ug/l

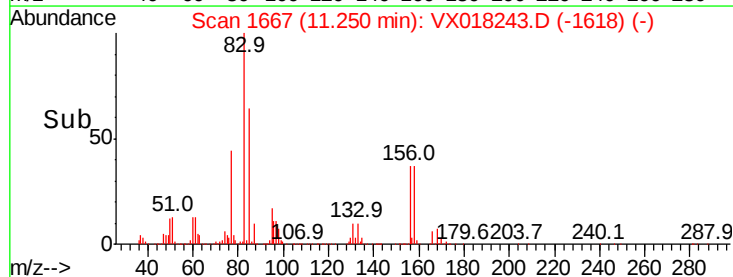
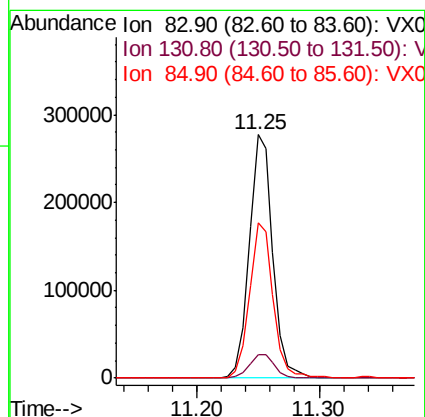
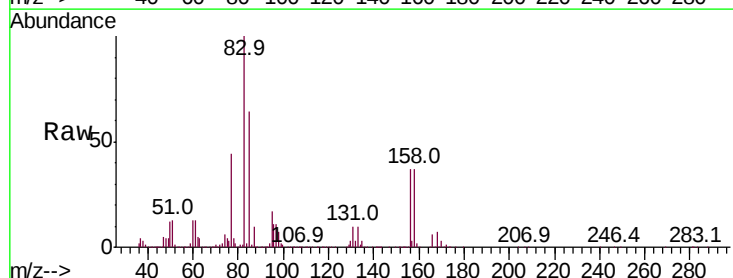
RT: 11.25 min Scan# 1667

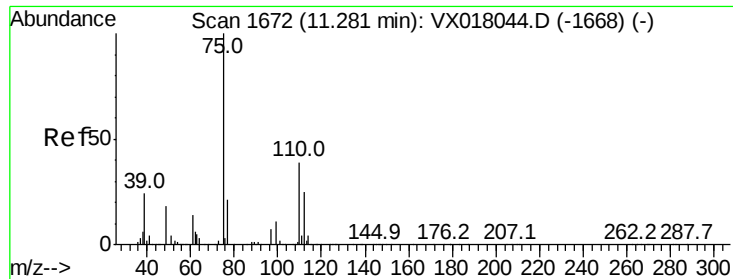
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	83	Resp:	368372
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.4
85	64.3	32.2	96.6





#76

1,2,3-Trichloropropane

Concen: 59.035 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

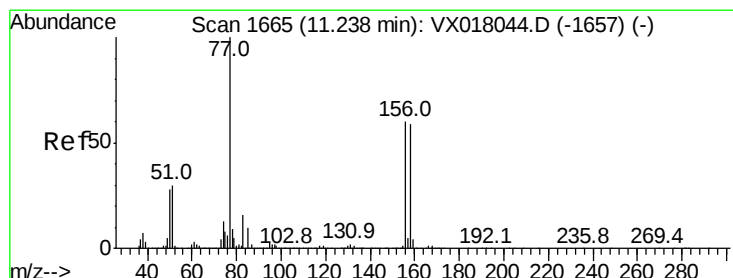
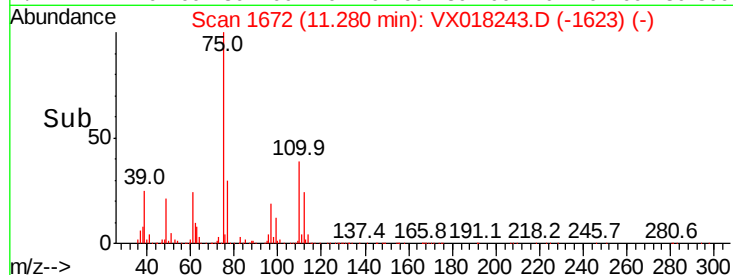
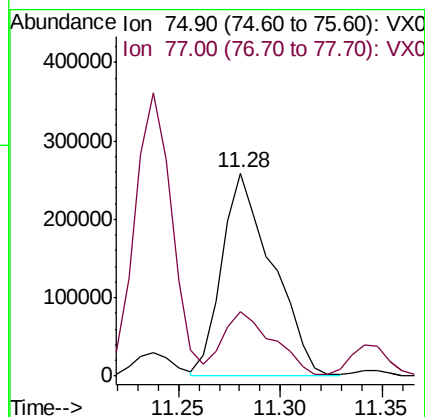
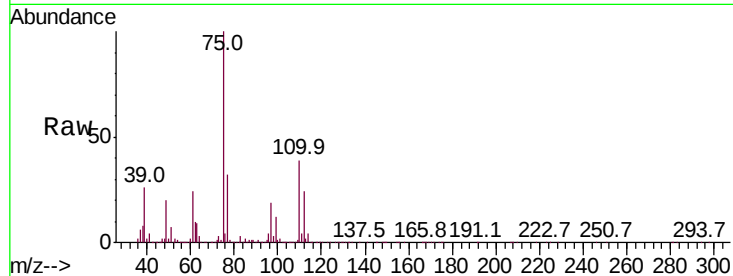
ClientSampleId :

Tot Ion: 75 Resp: 446136

Ion Ratio Lower Upper

75 100

77 31.4 20.8 62.2



#77

Bromobenzene

Concen: 46.533 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

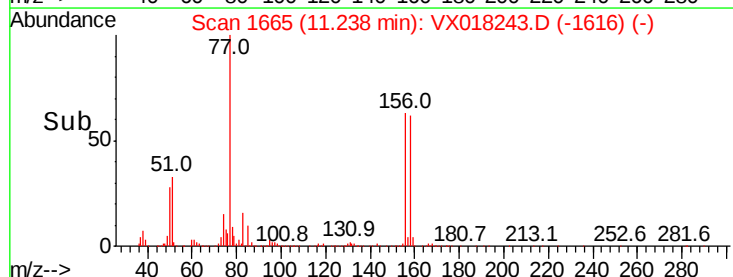
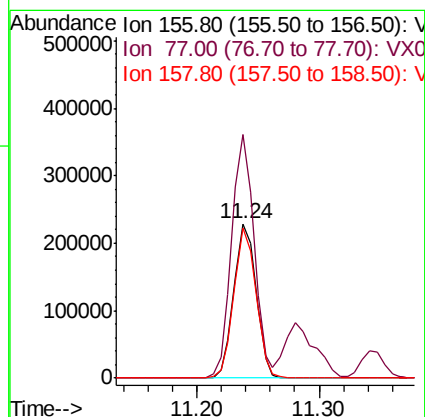
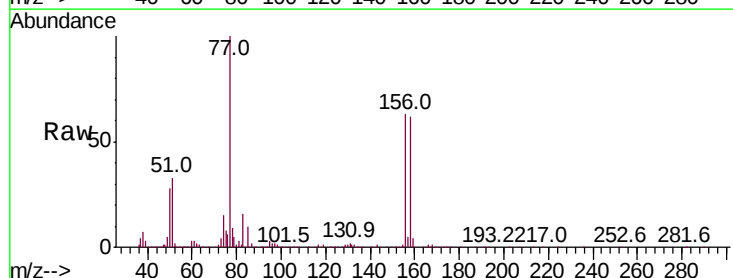
Tgt Ion: 156 Resp: 288230

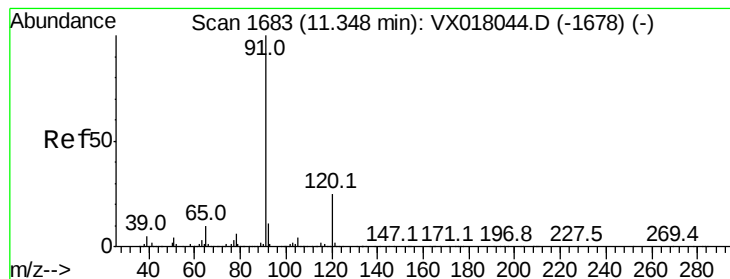
Ion Ratio Lower Upper

156 100

77 158.6 80.0 240.2

158 96.8 49.5 148.7





#78

n-propylbenzene

Concen: 48.705 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

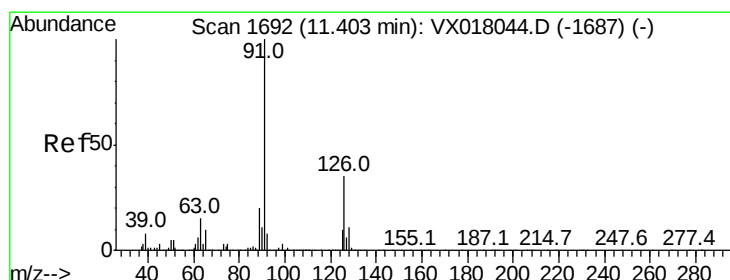
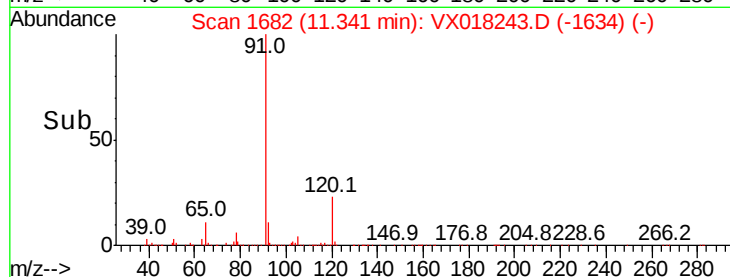
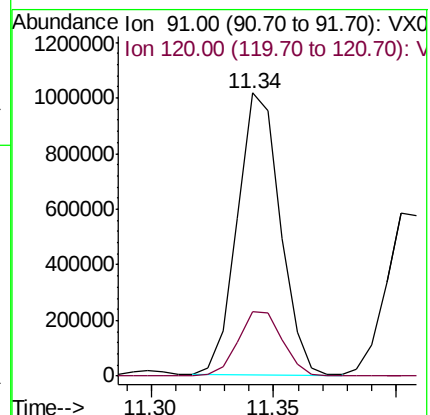
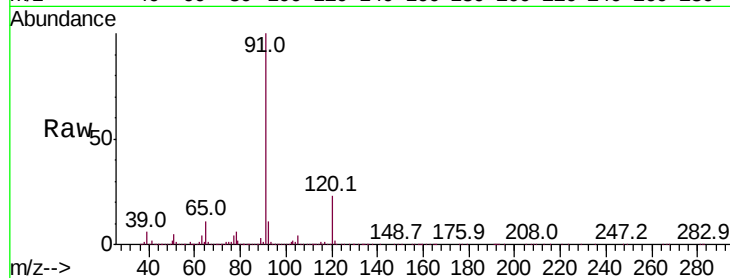
ClientSampled :

Tot Ion: 91 Resp: 1239220

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.9



#79

2-Chlorotoluene

Concen: 47.777 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018243.D

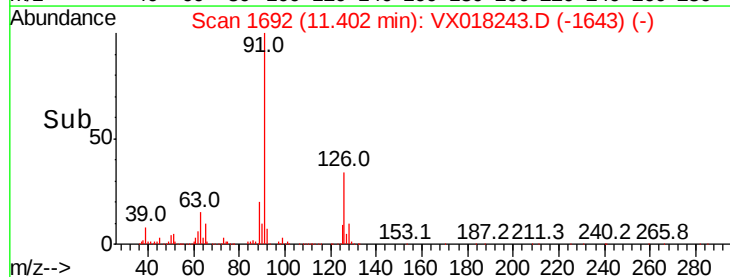
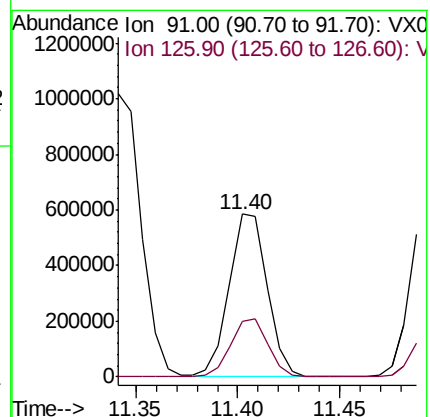
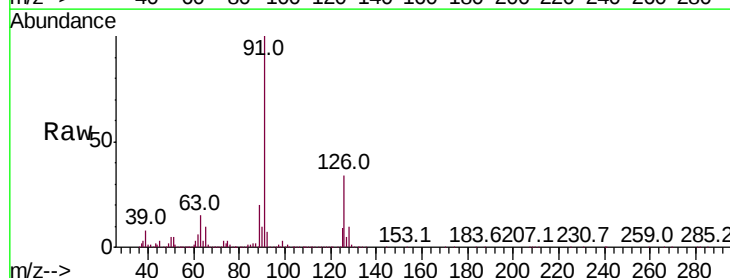
Acq: 03 Sep 2020 18:23

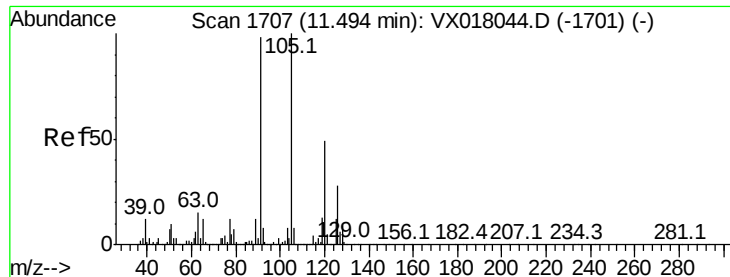
Tgt Ion: 91 Resp: 751039

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



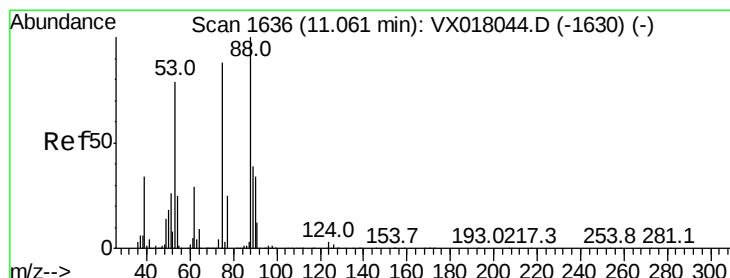
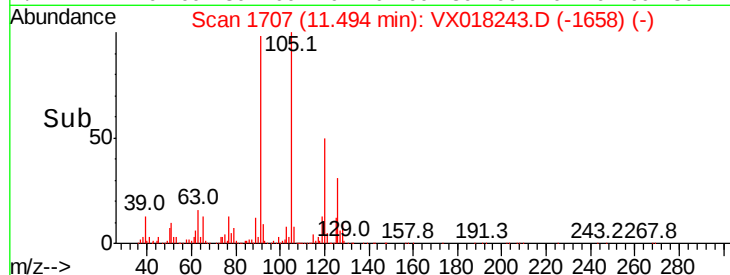
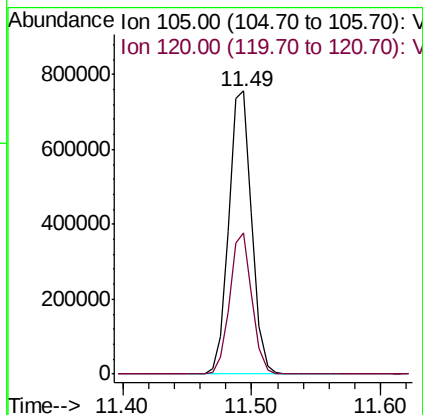
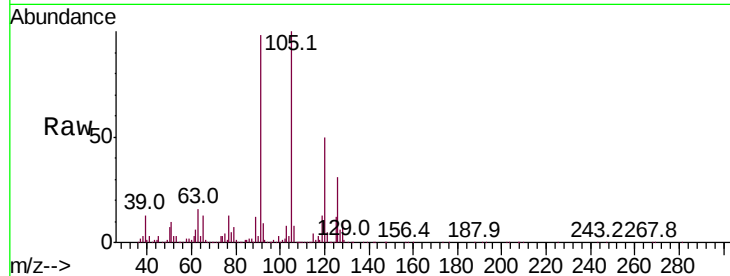


#80

1,3,5-Trimethylbenzene
Concen: 51.196 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :

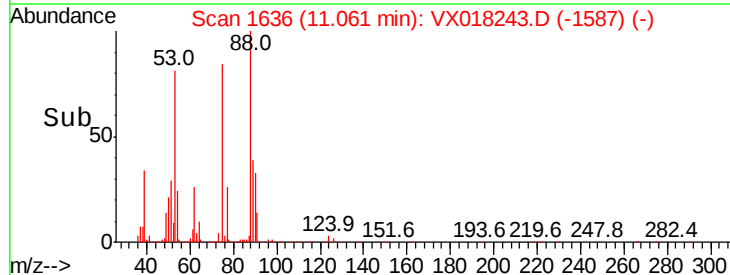
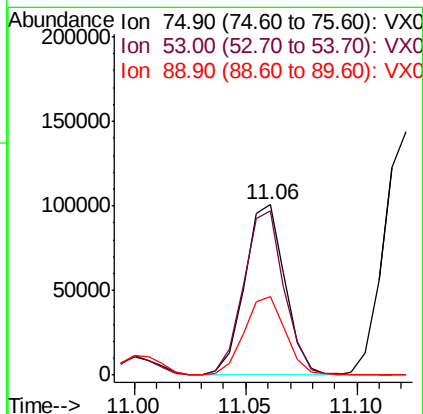
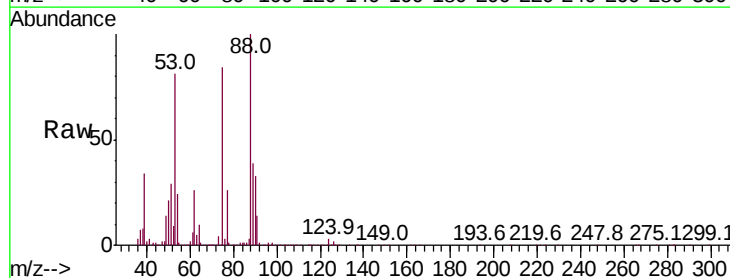
Tot Ion:105 Resp: 942732
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2

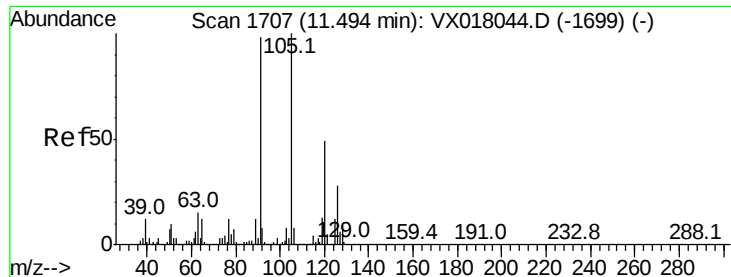


#81

trans-1,4-Dichloro-2-butene
Concen: 45.563 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 75 Resp: 127489
Ion Ratio Lower Upper
75 100
53 96.7 74.7 112.1
89 47.5 36.6 54.8





#82

4-Chlorotoluene

Concen: 49.030 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

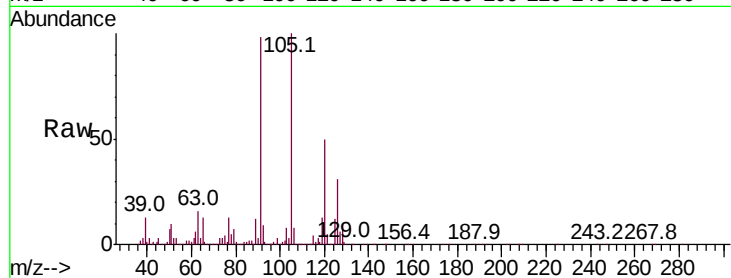
ClientSampleId :

Tot Ion: 91 Resp: 916257

Ion Ratio Lower Upper

91 100

126 30.1 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.49

800000

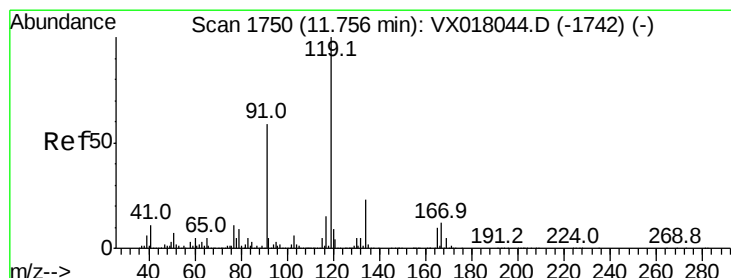
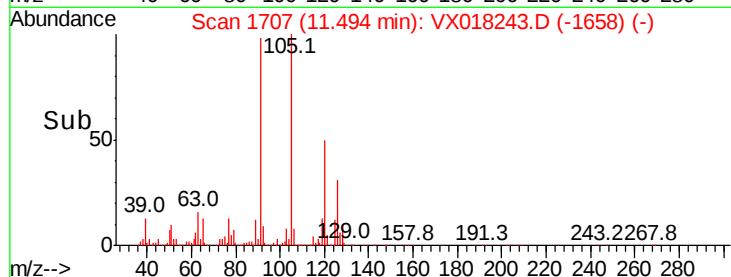
600000

400000

200000

0

Time--> 11.40 11.45 11.50 11.55



#83

tert-Butylbenzene

Concen: 50.390 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

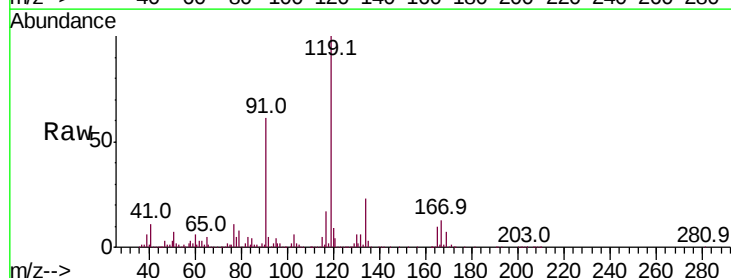
Tgt Ion: 119 Resp: 915709

Ion Ratio Lower Upper

119 100

91 57.7 28.2 84.7

134 22.0 11.3 33.8



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

800000

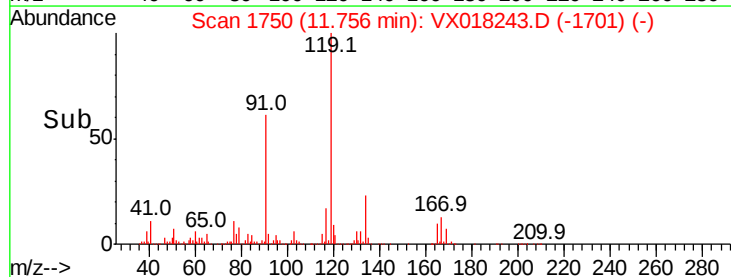
600000

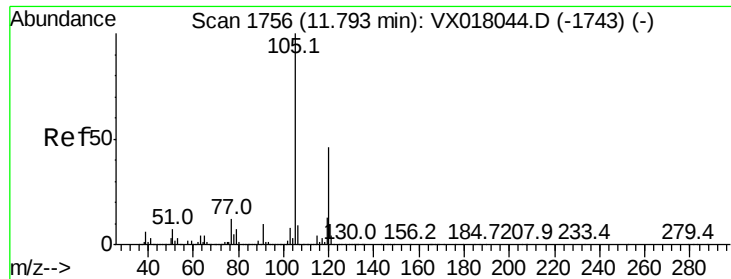
400000

200000

0

Time--> 11.70 11.75 11.80

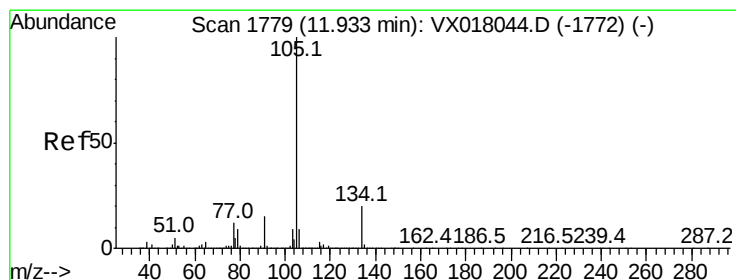
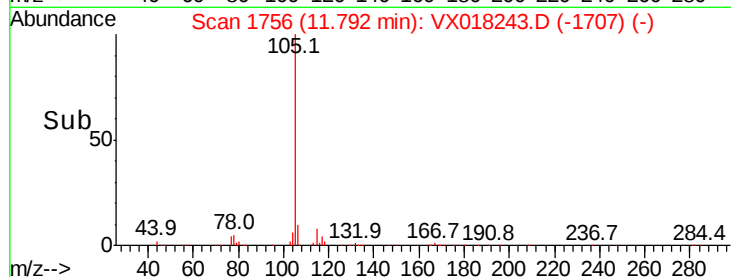
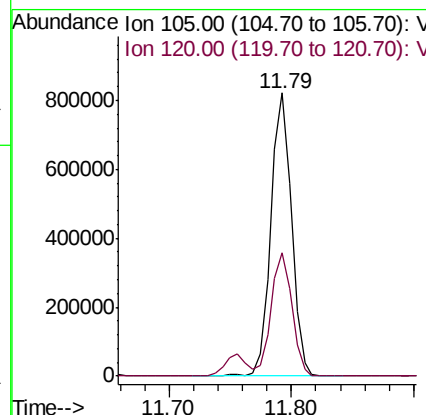
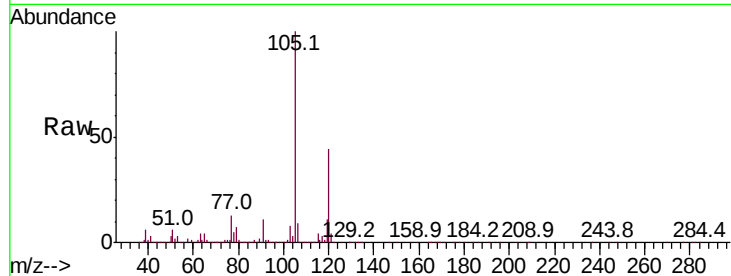




#84
 1,2,4-Trimethylbenzene
 Concen: 51.370 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

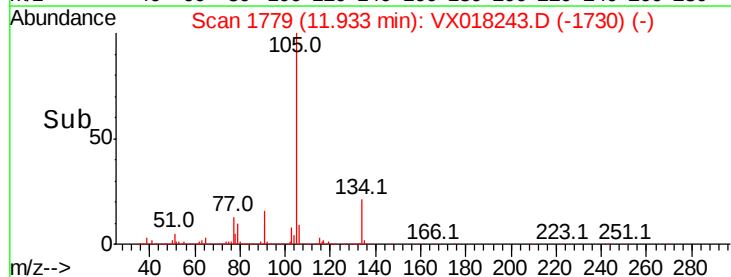
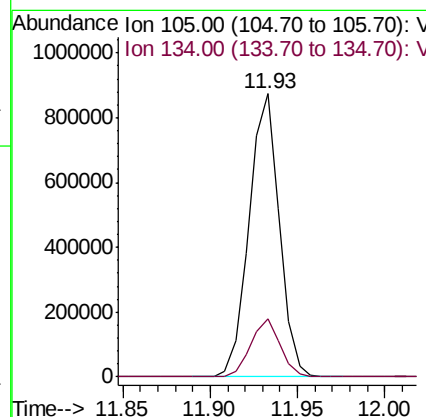
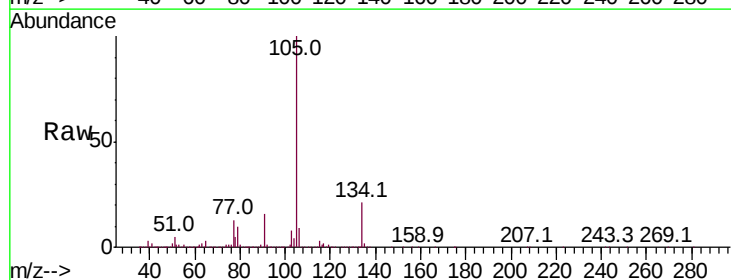
Instrument :
 MSVOA_X
 ClientSampleId :

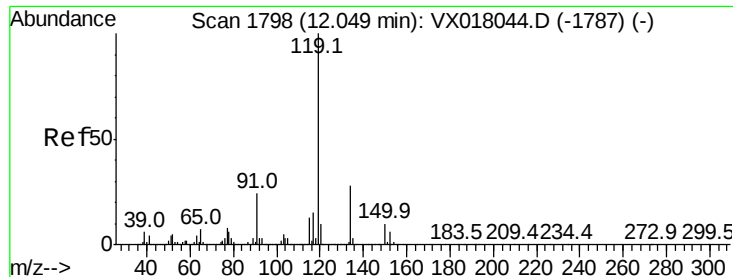
Tot Ion:105 Resp: 967108
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 50.592 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion:105 Resp: 1045511
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3





#86

p-Isopropyltoluene

Concen: 52.403 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

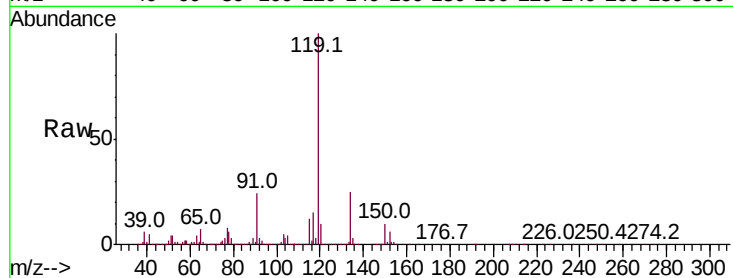
Tot Ion:119 Resp: 994733

Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

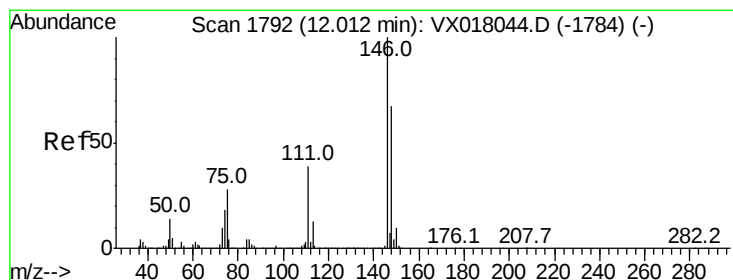
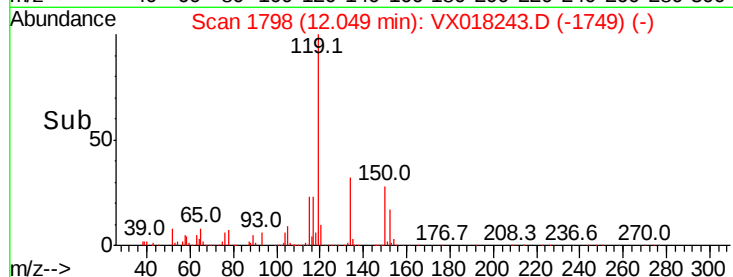
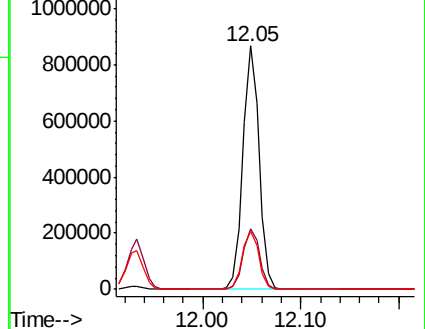
91 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.182 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

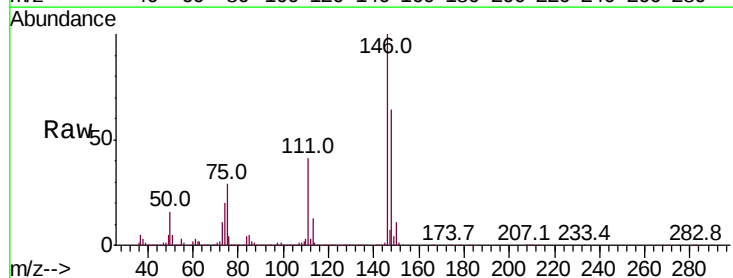
Tgt Ion:146 Resp: 513106

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

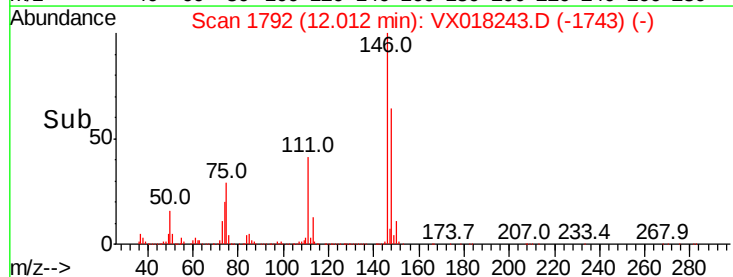
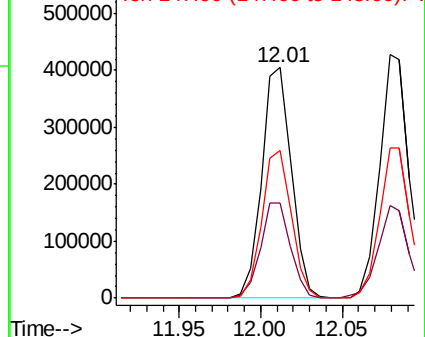
148 63.5 33.1 99.2

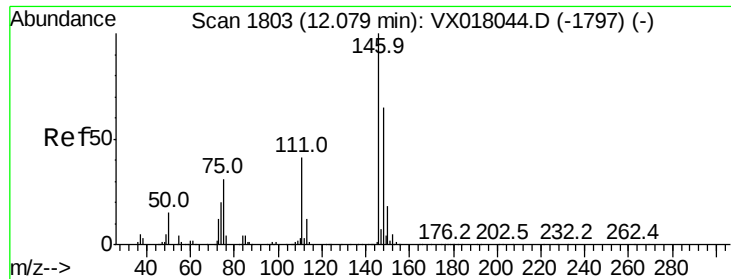


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

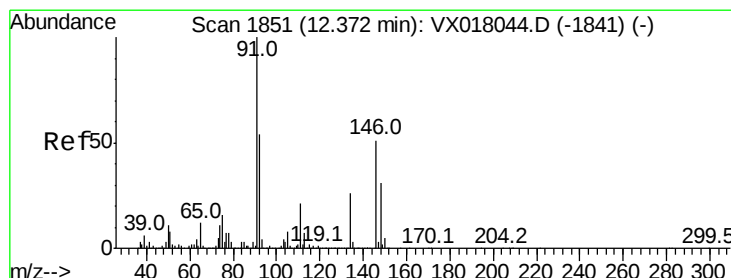
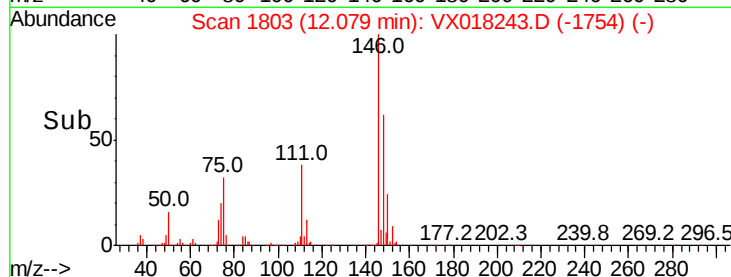
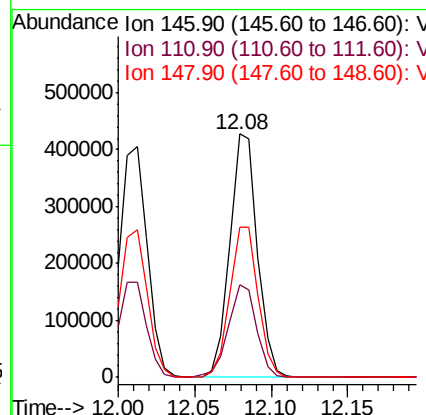
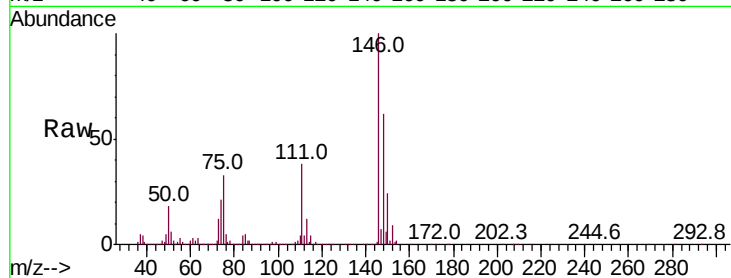




#88
1,4-Dichlorobenzene
Concen: 48.816 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

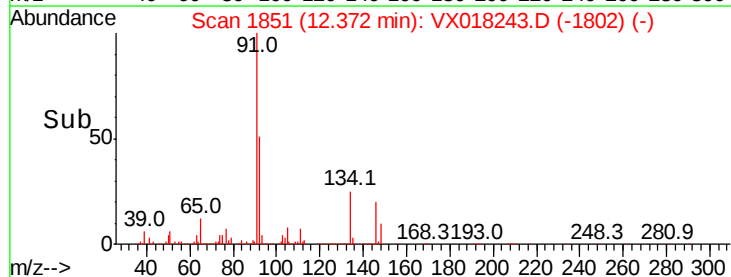
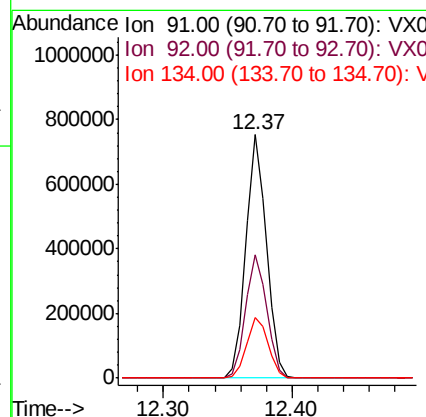
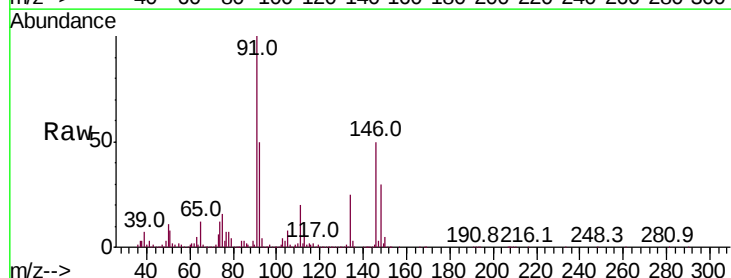
Instrument :
MSVOA_X
ClientSampleId :

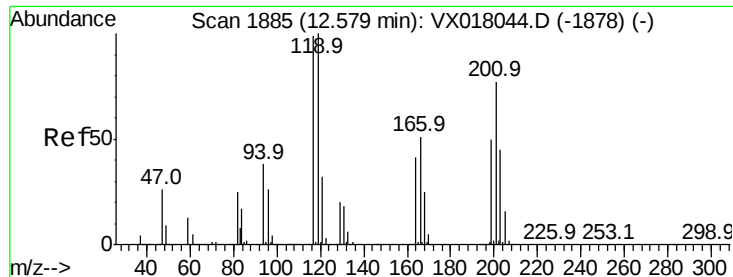
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.8
148	63.7	33.1	99.2



#89
n-Butylbenzene
Concen: 47.988 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	26.0	12.9	38.7





#90

Hexachloroethane

Concen: 51.788 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

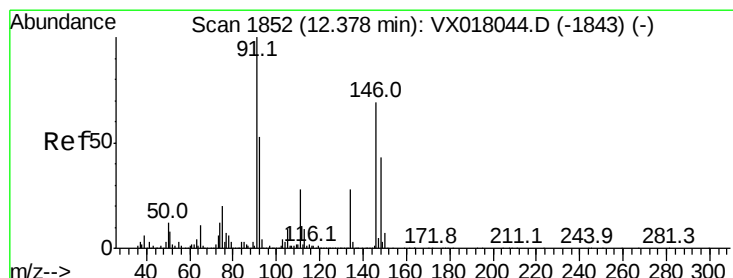
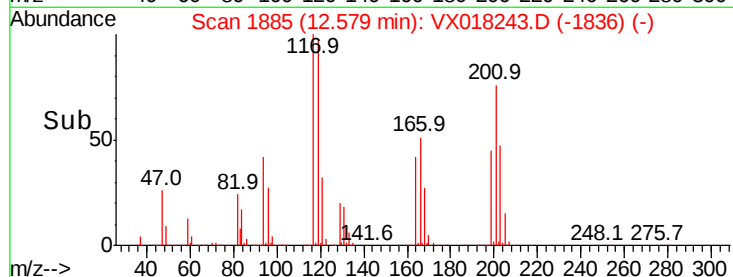
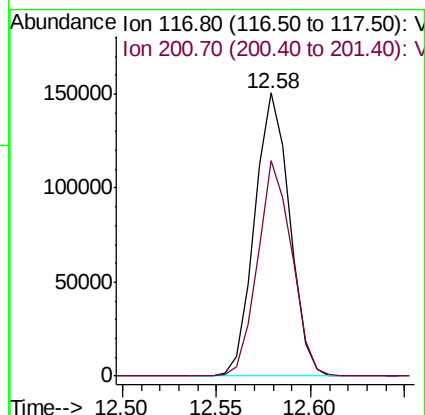
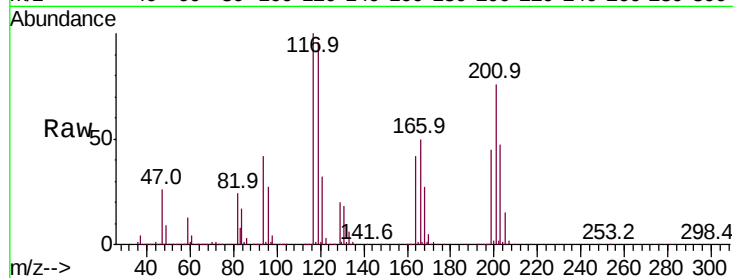
ClientSampleId :

Tot Ion:117 Resp: 193416

Ion Ratio Lower Upper

117 100

201 74.9 38.5 115.3



#91

1,2-Dichlorobenzene

Concen: 48.884 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

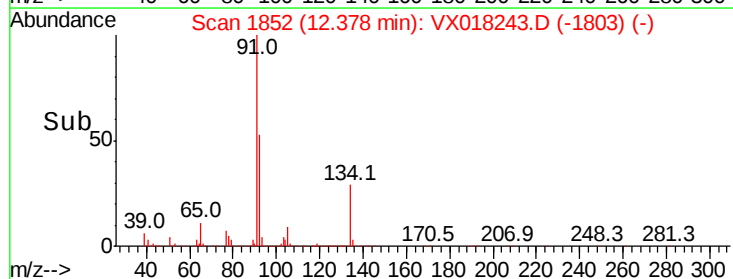
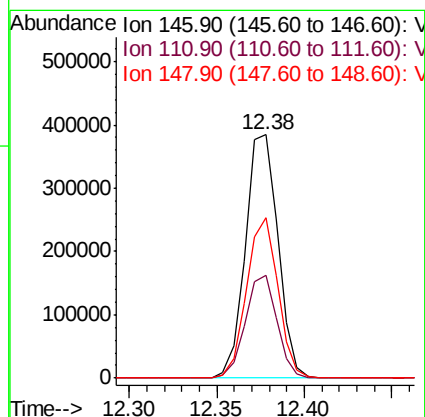
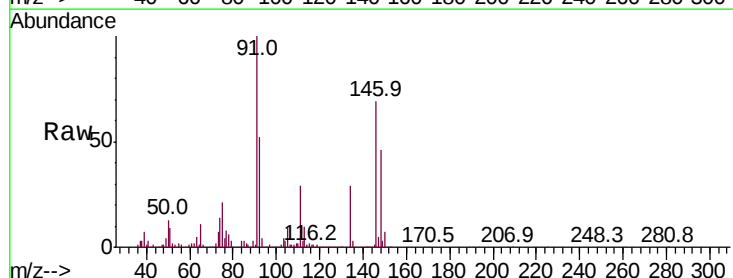
Tgt Ion:146 Resp: 500426

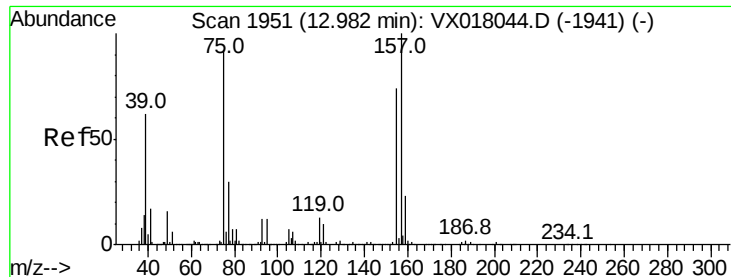
Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

148 63.2 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.654 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

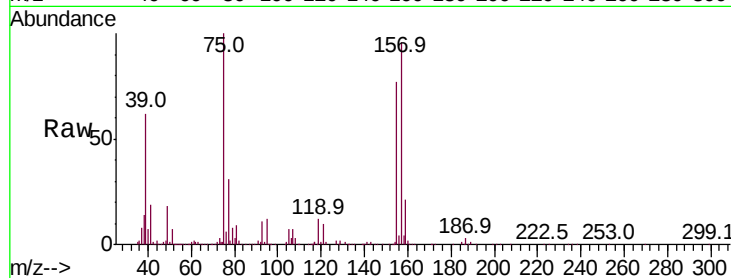
Tot Ion: 75 Resp: 92213

Ion Ratio Lower Upper

75 100

155 83.1 40.2 120.6

157 102.4 55.0 165.2



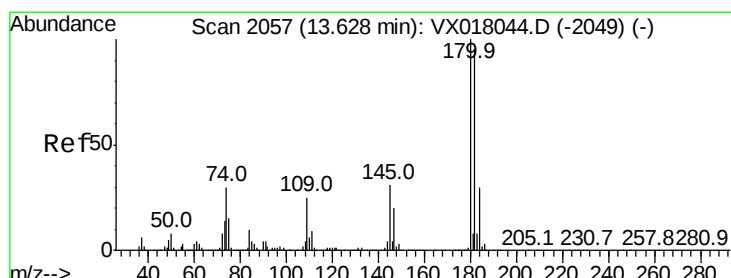
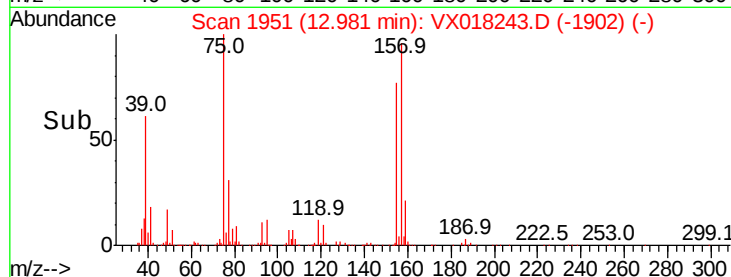
Abundance Ion 74.90 (74.60 to 75.60): VX018044.D (-1941) (-)

Ion 154.80 (154.50 to 155.50): VX018044.D (-1941) (-)

Ion 156.80 (156.50 to 157.50): VX018044.D (-1941) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 45.021 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

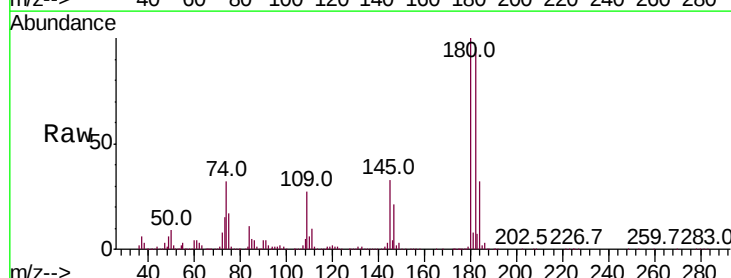
Tgt Ion: 180 Resp: 307324

Ion Ratio Lower Upper

180 100

182 98.3 47.5 142.6

145 32.7 15.7 47.1



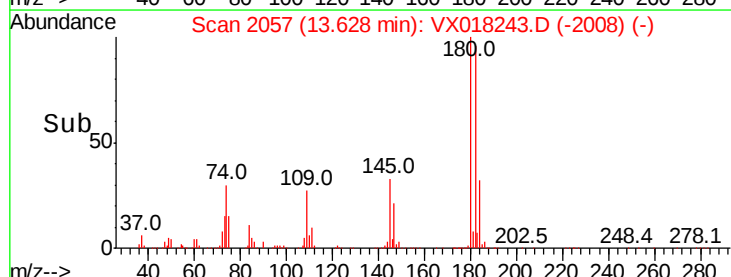
Abundance Ion 179.80 (179.50 to 180.50): VX018044.D (-2049) (-)

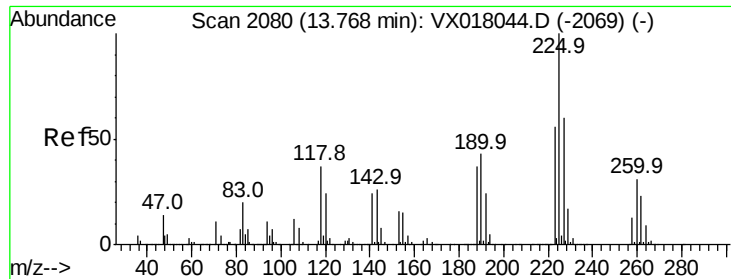
Ion 181.80 (181.50 to 182.50): VX018044.D (-2049) (-)

Ion 144.80 (144.50 to 145.50): VX018044.D (-2049) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 45.045 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampled :

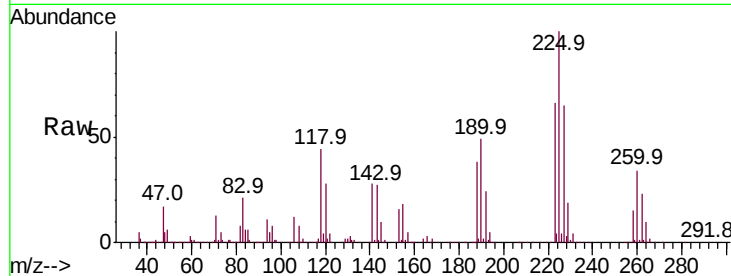
Tot Ion:225 Resp: 121285

Ion Ratio Lower Upper

225 100

223 68.7 30.7 92.1

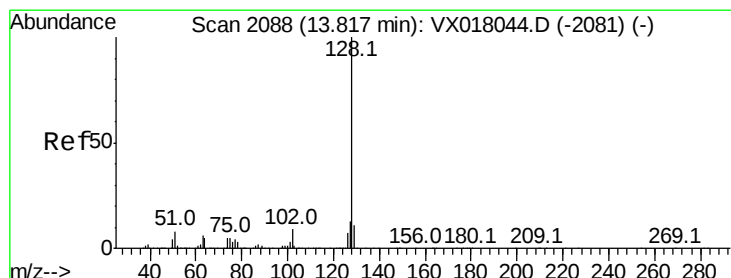
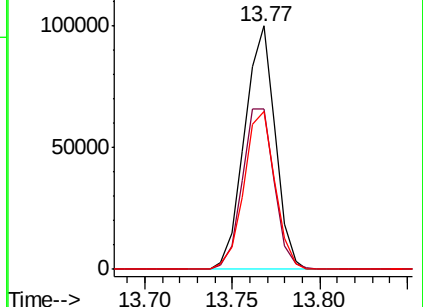
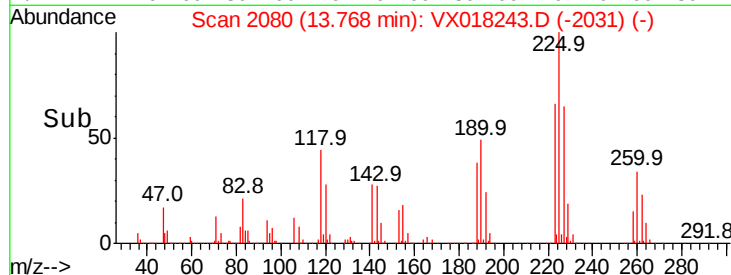
227 65.8 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 47.359 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

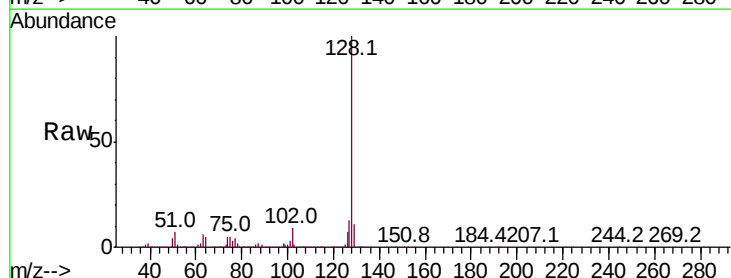
Tgt Ion:128 Resp: 1063955

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

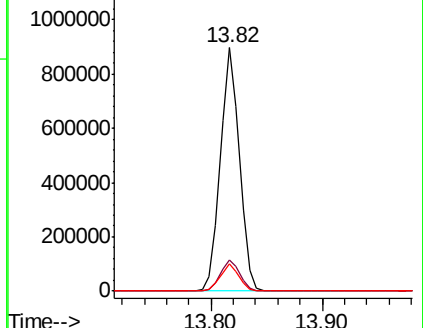
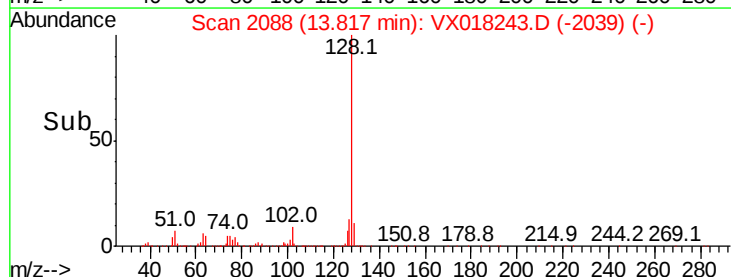
129 11.0 8.7 13.1

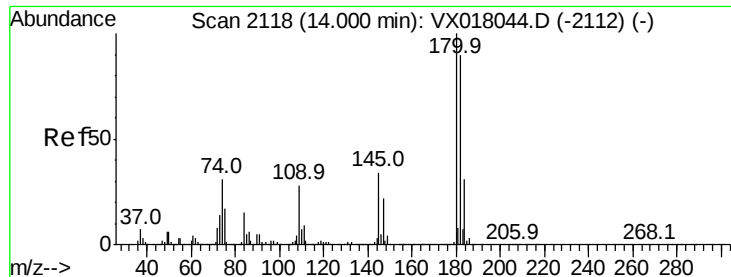


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

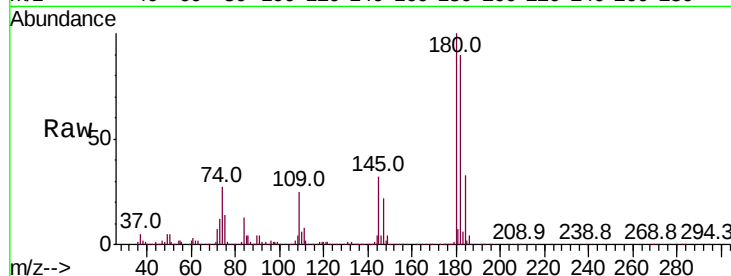




#96
 1,2,3-Trichlorobenzene
 Concen: 47.414 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.3	142.0
145	33.2	17.5	52.6



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

