

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018244.D
 Acq On : 03 Sep 2020 18:46
 Operator : JC/SP
 Sample : L3903-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:23:41 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	405074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	630167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	343308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	290831	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	5.46	113	227268	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.70	98	796150	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.12	95	333384	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	245696	49.818	ug/l	98
3) Chloromethane	1.31	50	235383	45.270	ug/l	98
4) Vinyl Chloride	1.39	62	247170	47.754	ug/l	99
5) Bromomethane	1.62	94	138980	55.669	ug/l	95
6) Chloroethane	1.71	64	144871	52.112	ug/l	99
7) Trichlorofluoromethane	1.91	101	401600	56.902	ug/l	99
8) Diethyl Ether	2.17	74	123543	51.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	201136	52.714	ug/l	99
10) Methyl Iodide	2.49	142	231028	55.895	ug/l	96
11) Tert butyl alcohol	3.02	59	258860	236.747	ug/l	100
12) 1,1-Dichloroethene	2.36	96	195488	49.384	ug/l	93
13) Acrolein	2.27	56	89856	198.195	ug/l	100
14) Allyl chloride	2.71	41	354920	49.904	ug/l	98
15) Acrylonitrile	3.12	53	619712	249.858	ug/l	99
16) Acetone	2.42	43	544823	248.636	ug/l	97
17) Carbon Disulfide	2.55	76	557916	46.622	ug/l	100
18) Methyl Acetate	2.75	43	276301	52.253	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	722145	53.193	ug/l	98
20) Methylene Chloride	2.84	84	230731	51.533	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	212508	48.454	ug/l	95
22) Diisopropyl ether	3.82	45	719675	51.270	ug/l	92
23) Vinyl Acetate	3.79	43	3008575	240.872	ug/l	100
24) 1,1-Dichloroethane	3.67	63	405721	50.775	ug/l	96
25) 2-Butanone	4.64	43	867416	240.867	ug/l	98
26) 2,2-Dichloropropane	4.55	77	324908	49.975	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	243516	48.191	ug/l	99
28) Bromochloromethane	4.98	49	188829	48.958	ug/l	99
29) Tetrahydrofuran	5.09	42	558797	243.753	ug/l	99
30) Chloroform	5.18	83	435341	52.617	ug/l	100
31) Cyclohexane	5.55	56	320887	47.674	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	405496	53.405	ug/l	99
36) 1,1-Dichloropropene	5.77	75	306749	52.092	ug/l	99
37) Ethyl Acetate	4.80	43	320943	46.927	ug/l	99
38) Carbon Tetrachloride	5.76	117	376457	56.728	ug/l	96

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Quant Time: Sep 04 01:23:41 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)
39) Methylcyclohexane	7.44	83	321908	49.994	ug/l	97
40) Benzene	6.11	78	880120	50.865	ug/l	99
41) Methacrylonitrile	5.00	41	185696	49.450	ug/l	98
42) 1,2-Dichloroethane	6.16	62	366613	55.301	ug/l	98
43) Isopropyl Acetate	6.41	43	526146	47.630	ug/l	99
44) Trichloroethene	7.19	130	250240	51.183	ug/l	94
45) 1,2-Dichloropropane	7.49	63	241654	51.819	ug/l	94
46) Dibromomethane	7.63	93	169814	51.782	ug/l	99
47) Bromodichloromethane	7.88	83	357257	54.560	ug/l	95
48) Methyl methacrylate	7.74	41	280734	51.051	ug/l	98
49) 1,4-Dioxane	7.71	88	86462	867.992	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1763240	258.403	ug/l	99
52) Toluene	8.77	92	569899	51.942	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	386676	53.282	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	385866	50.193	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	243719	52.084	ug/l	99
56) Ethyl methacrylate	9.16	69	369403	53.103	ug/l	98
57) 1,3-Dichloropropane	9.35	76	399079	51.708	ug/l	99
59) 2-Hexanone	9.48	43	1352906	260.747	ug/l	100
60) Dibromochloromethane	9.57	129	300904	54.816	ug/l	100
61) 1,2-Dibromoethane	9.65	107	266577	52.473	ug/l	99
64) Tetrachloroethene	9.32	164	221569	47.846	ug/l	93
65) Chlorobenzene	10.12	112	631529	50.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	258197	52.051	ug/l	96
67) Ethyl Benzene	10.24	91	1114293	52.061	ug/l	99
68) m/p-Xylenes	10.34	106	847705	106.112	ug/l	97
69) o-Xylene	10.68	106	405814	52.402	ug/l	97
70) Styrene	10.70	104	722635	54.794	ug/l	99
71) Bromoform	10.84	173	231775	54.779	ug/l	100
73) Isopropylbenzene	11.00	105	1117309	49.340	ug/l	98
74) N-amyl acetate	10.88	43	473162	44.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	369860	46.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	450764	59.024	ug/l	84
77) Bromobenzene	11.24	156	298485	47.685	ug/l	98
78) n-propylbenzene	11.34	91	1293689	50.314	ug/l	99
79) 2-Chlorotoluene	11.40	91	799031	50.299	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	983212	52.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	127074	44.940	ug/l	96
82) 4-Chlorotoluene	11.49	91	950340	50.323	ug/l	100
83) tert-Butylbenzene	11.76	119	949553	51.707	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	996227	52.364	ug/l	100
85) sec-Butylbenzene	11.93	105	1082440	51.832	ug/l	100
86) p-Isopropyltoluene	12.05	119	1011413	52.724	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	527975	48.041	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	537252	48.824	ug/l	96
89) n-Butylbenzene	12.37	91	885773	50.590	ug/l	99
90) Hexachloroethane	12.58	117	196560	52.080	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	513410	49.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94866	47.495	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	331279	48.023	ug/l	99

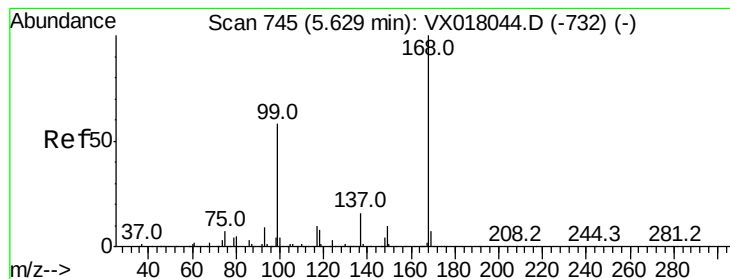
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	134553	49.451	ug/l	97
95) Naphthalene	13.82	128	1109340	48.863	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	328796	48.237	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

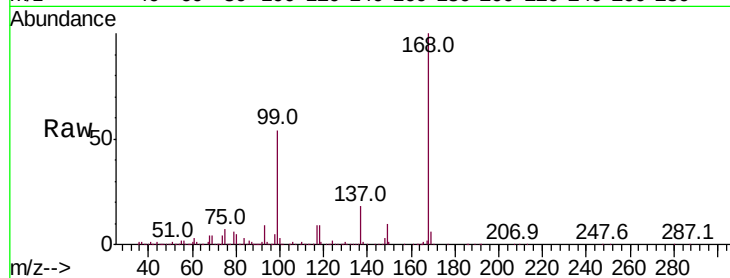
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 405074

Ion Ratio Lower Upper

168 100

99 54.1 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

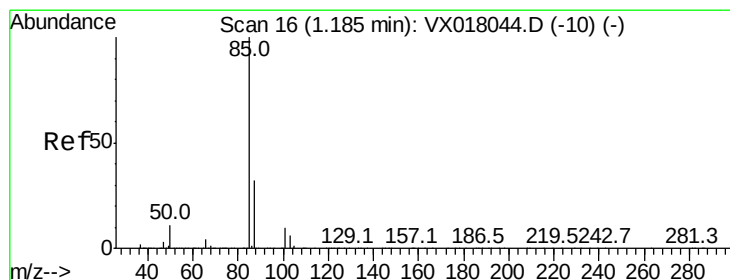
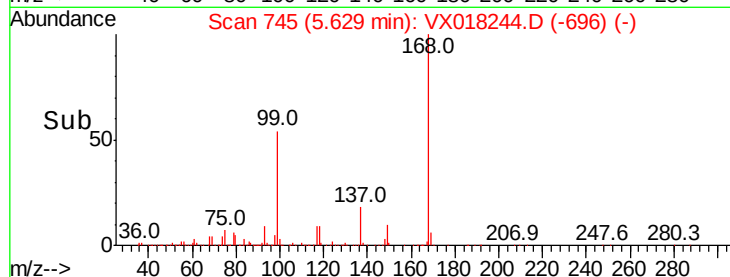
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.818 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018244.D

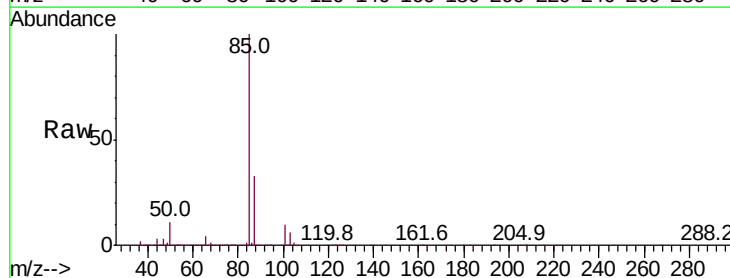
Acq: 03 Sep 2020 18:46

Tgt Ion: 85 Resp: 245696

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

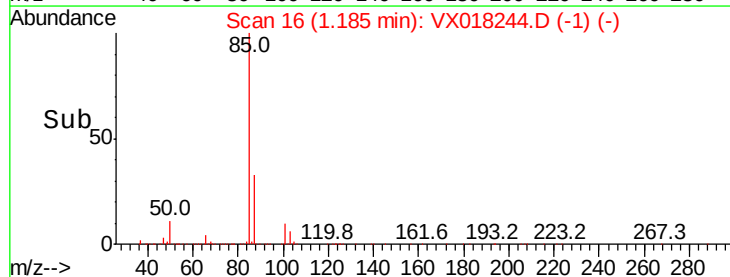
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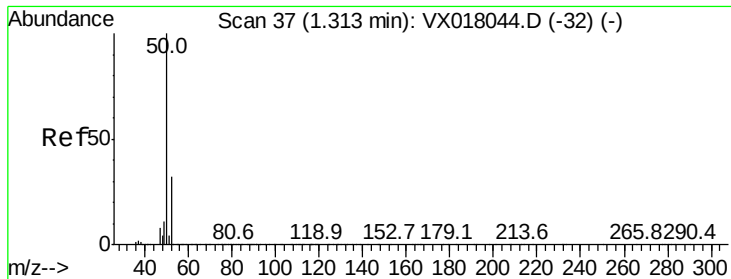
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.270 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

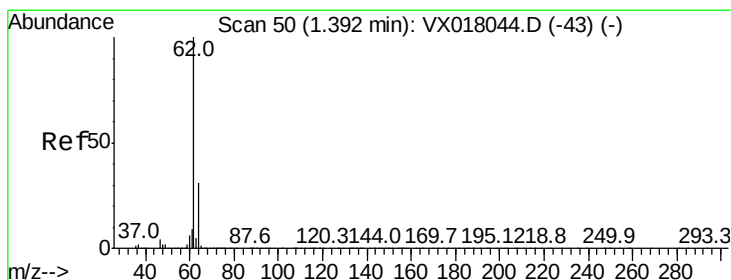
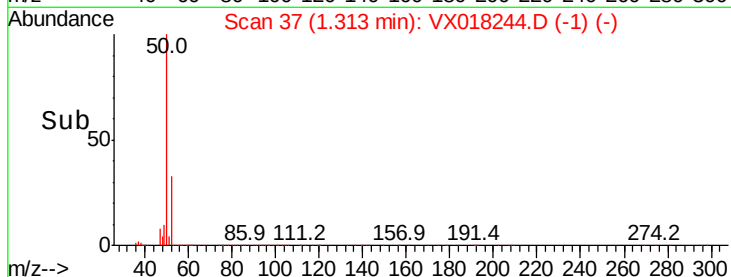
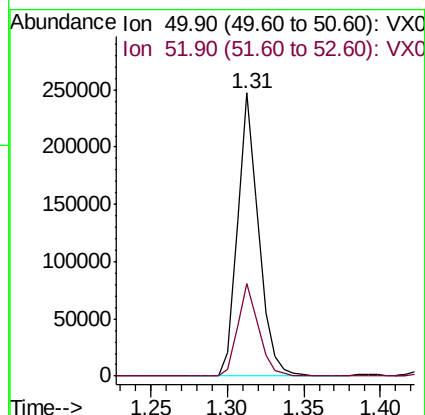
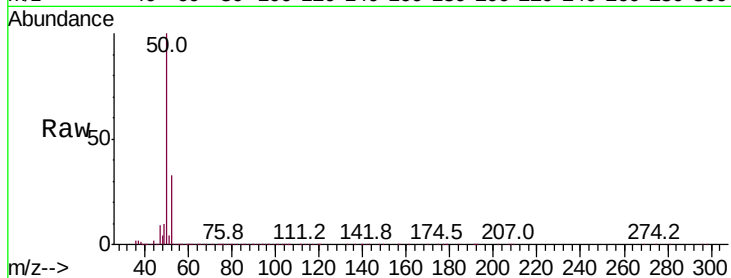
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 235383

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 47.754 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018244.D

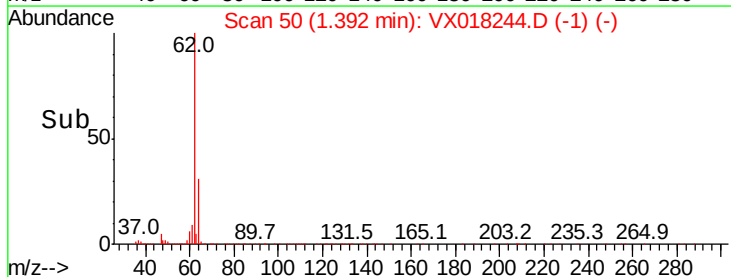
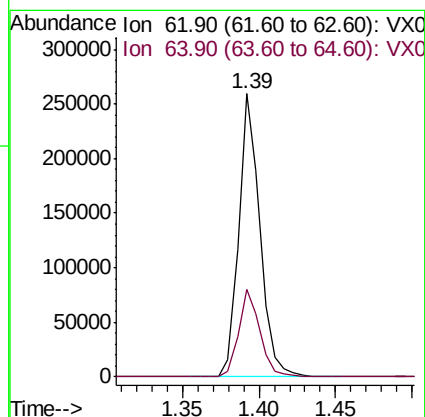
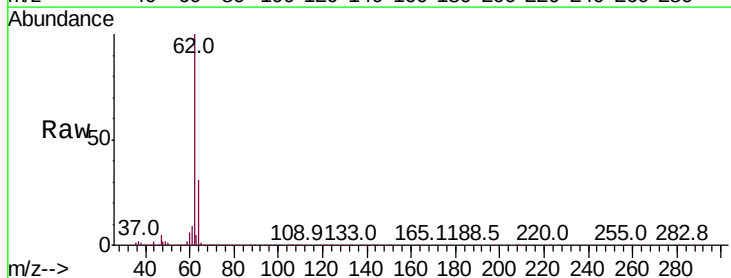
Acq: 03 Sep 2020 18:46

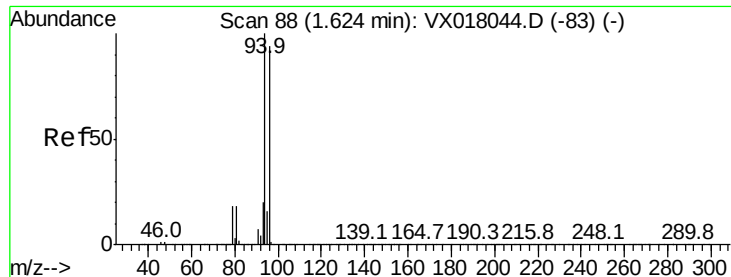
Tgt Ion: 62 Resp: 247170

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 55.669 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

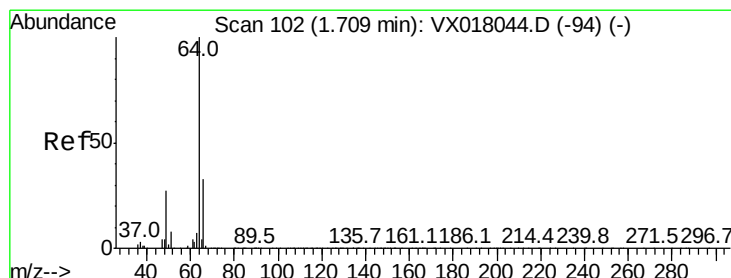
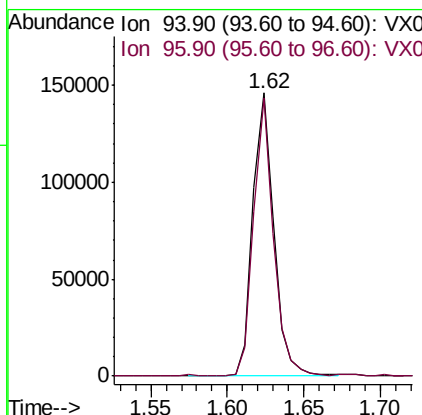
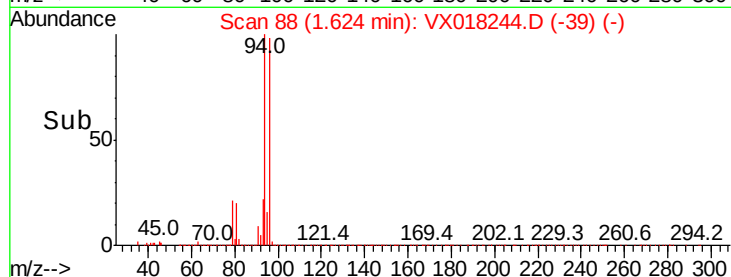
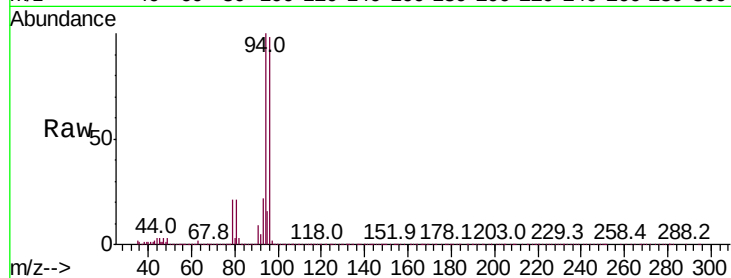
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 138980

Ion Ratio Lower Upper

94 100

96 98.1 74.8 112.2



#6

Chloroethane

Concen: 52.112 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018244.D

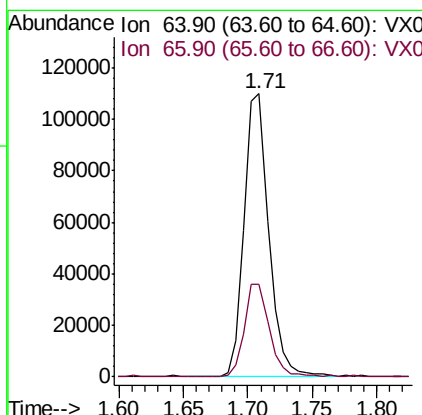
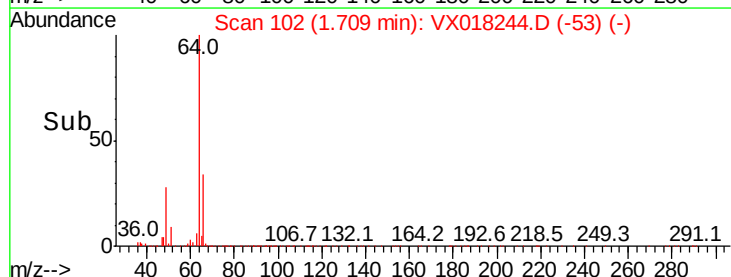
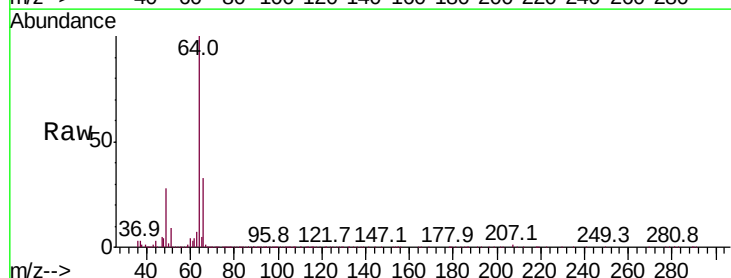
Acq: 03 Sep 2020 18:46

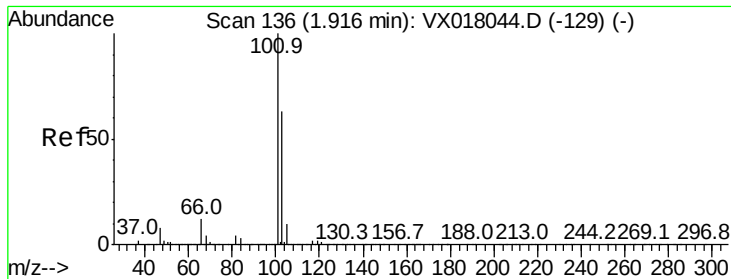
Tgt Ion: 64 Resp: 144871

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8



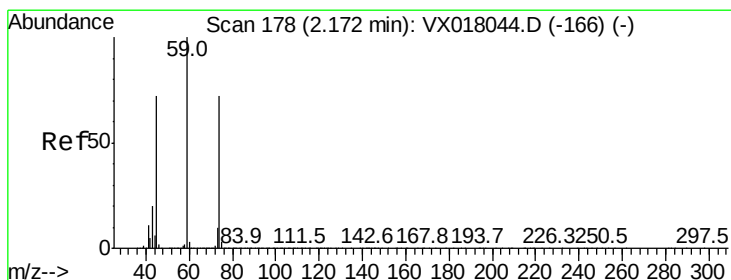
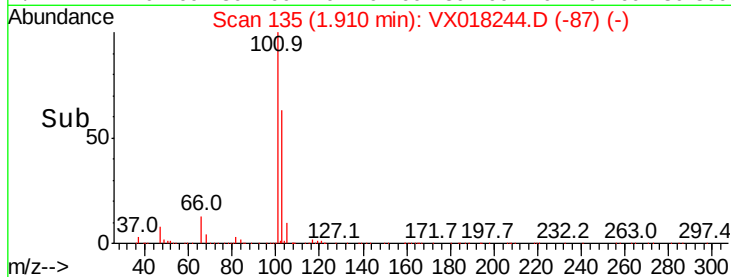
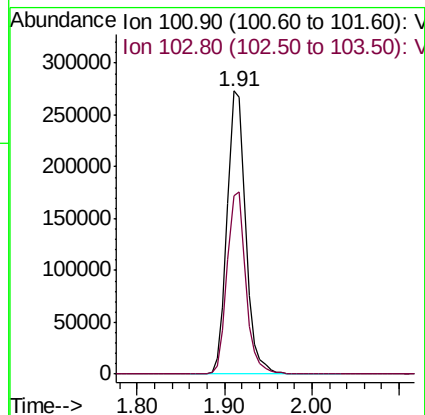
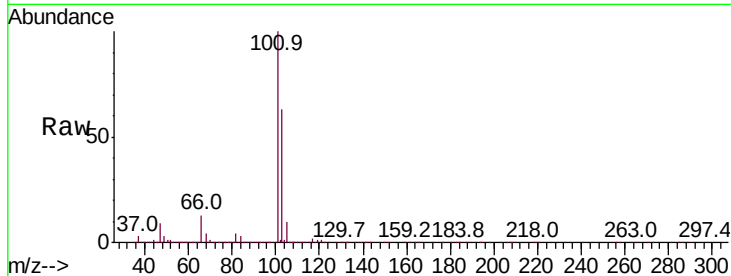


#7

Trichlorofluoromethane
Concen: 56.902 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampled :

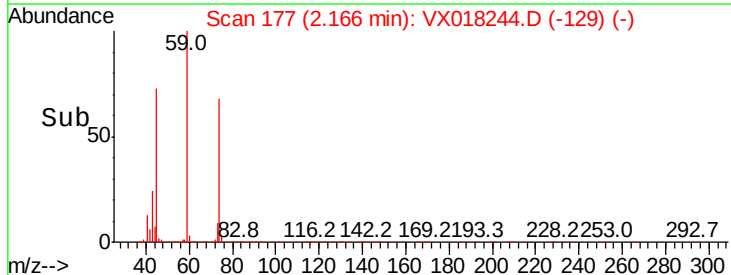
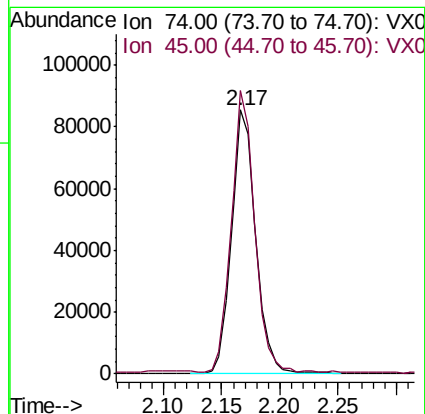
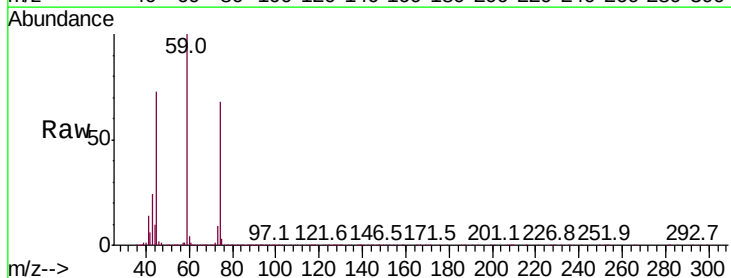
Tot Ion:101 Resp: 401600
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1

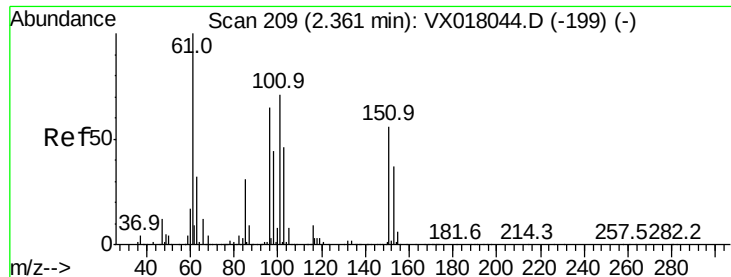


#8

Diethyl Ether
Concen: 51.616 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 74 Resp: 123543
Ion Ratio Lower Upper
74 100
45 102.4 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.714 ug/l

RT: 2.36 min Scan# 209

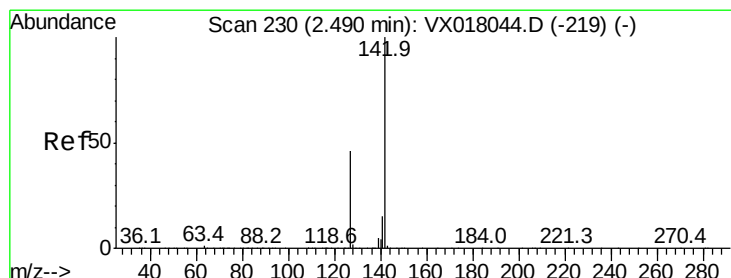
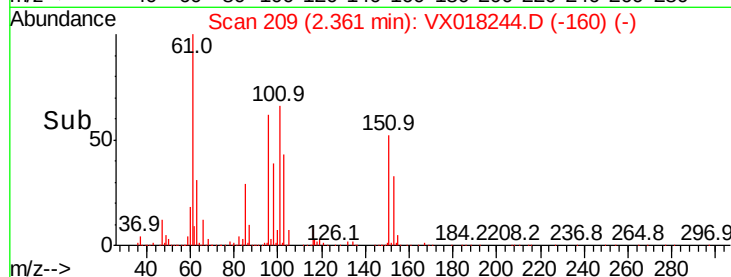
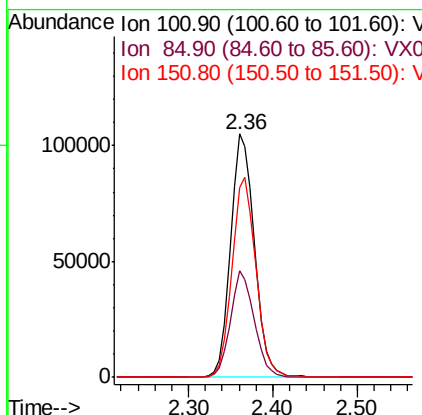
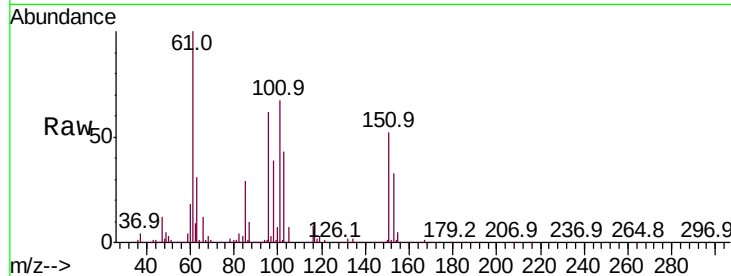
Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.0	51.0
151	82.3	65.2	97.8



#10

Methyl Iodide

Concen: 55.895 ug/l

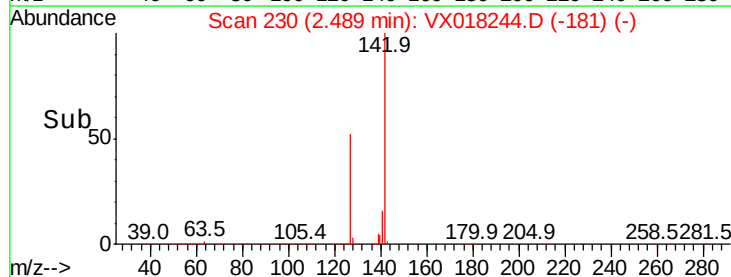
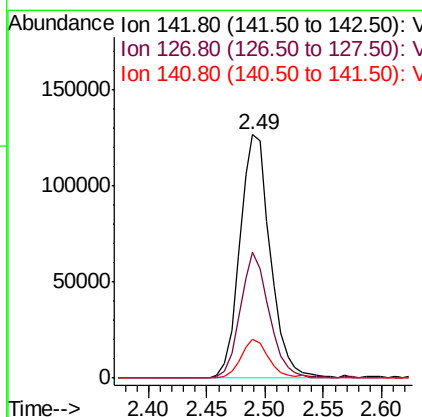
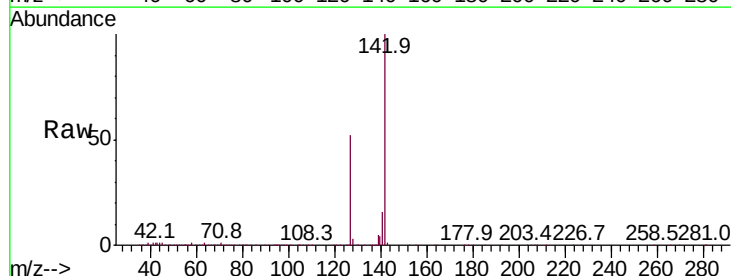
RT: 2.49 min Scan# 230

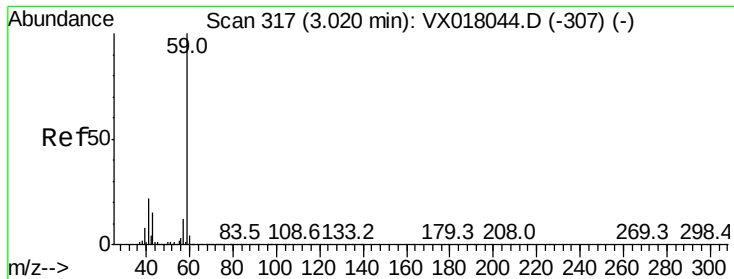
Delta R.T. 0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.3	37.0	55.6
141	14.8	11.5	17.3



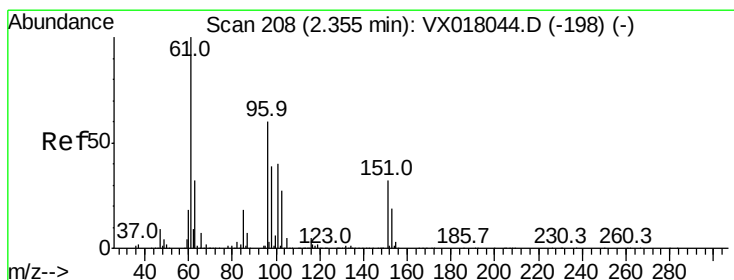
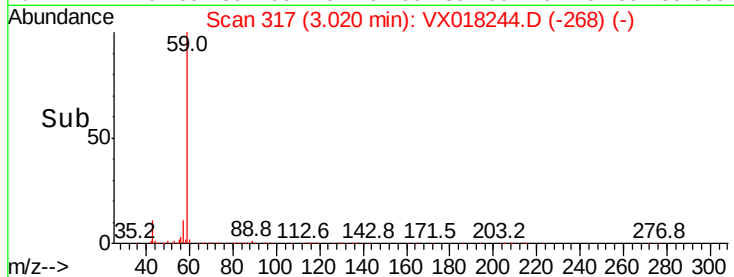
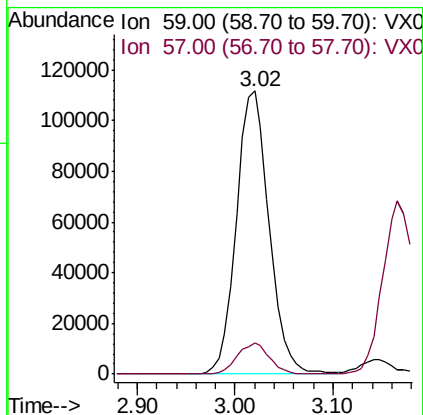
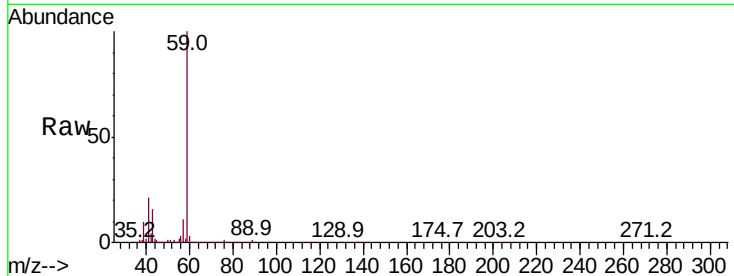


#11

Tert butyl alcohol
 Concen: 236.747 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampled :

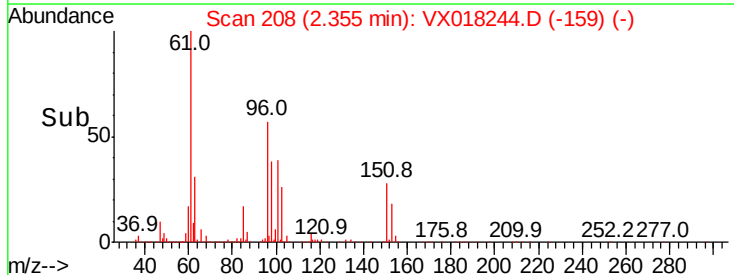
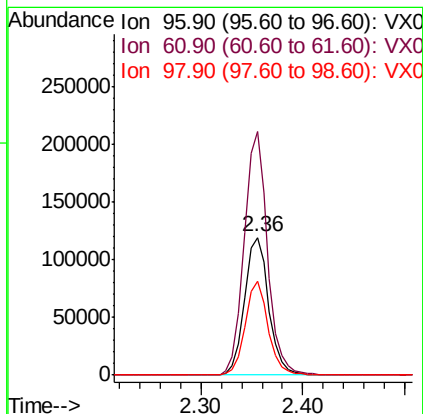
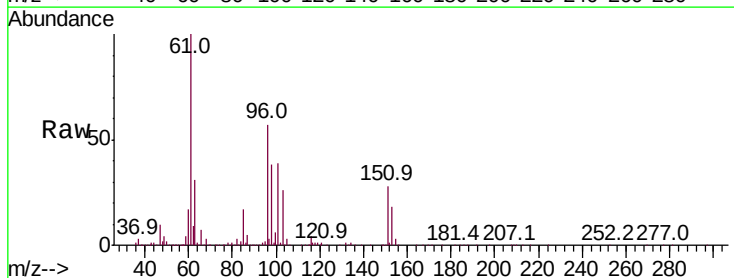
Tot Ion: 59 Resp: 258860
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.9 13.3

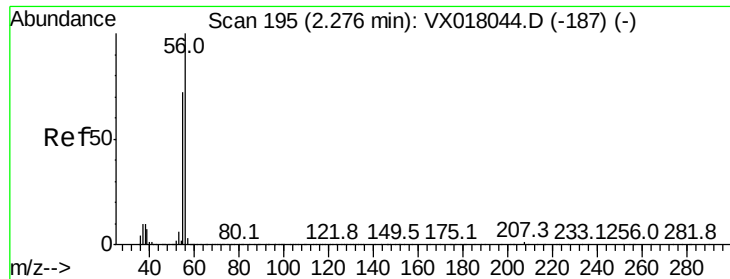


#12

1,1-Dichloroethene
 Concen: 49.384 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion: 96 Resp: 195488
 Ion Ratio Lower Upper
 96 100
 61 176.8 133.0 199.4
 98 67.8 51.6 77.4

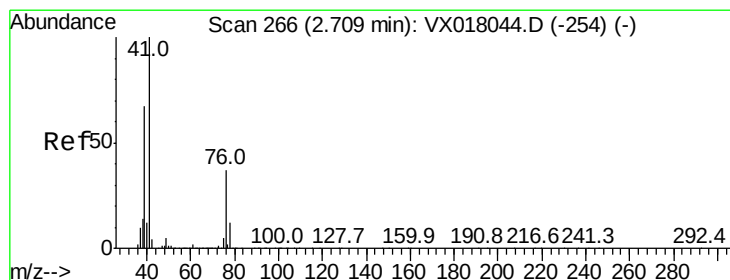
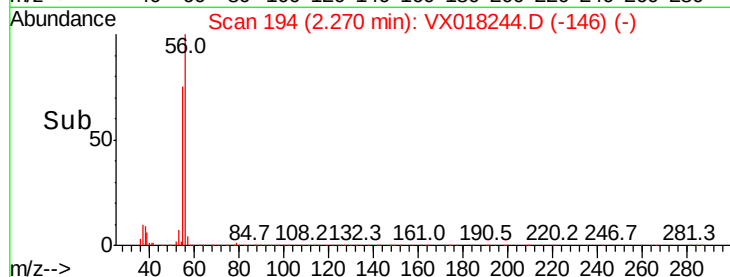
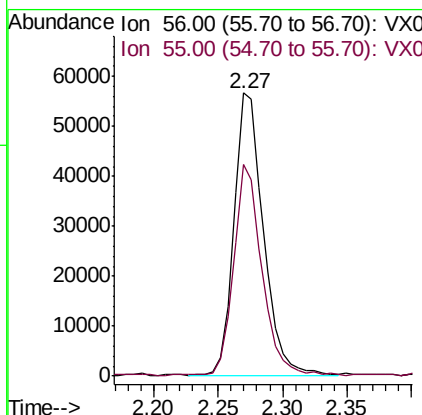
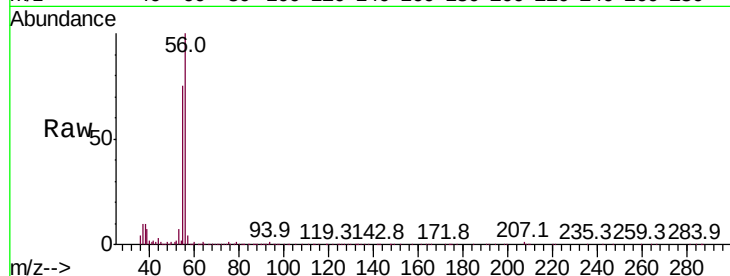




#13
Acrolein
Concen: 198.195 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

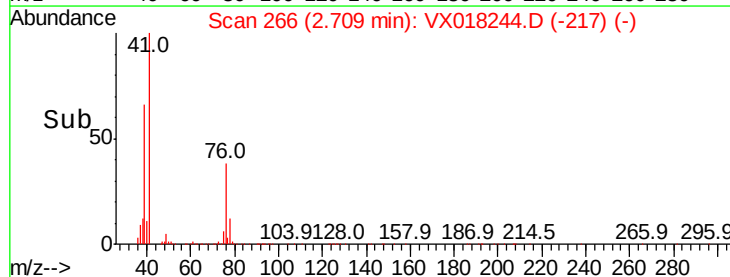
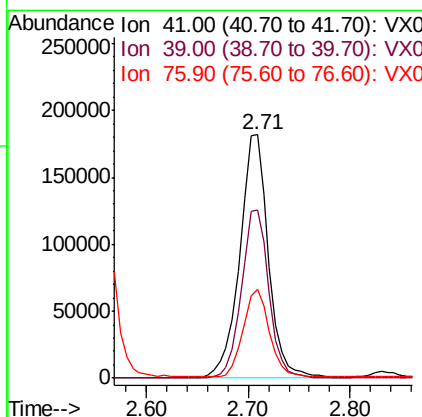
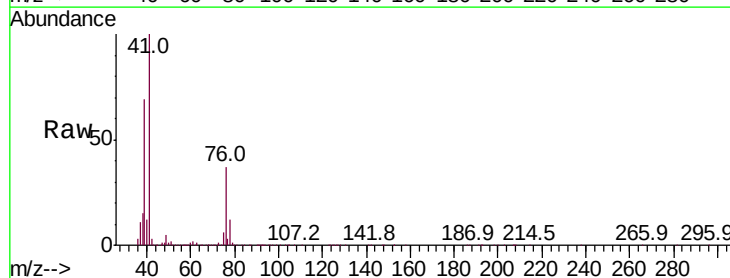
Instrument :
MSVOA_X
ClientSampleId :

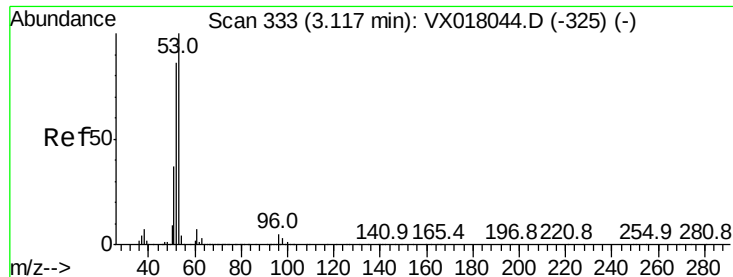
Tot Ion: 56 Resp: 89856
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.6



#14
Allyl chloride
Concen: 49.904 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 41 Resp: 354920
Ion Ratio Lower Upper
41 100
39 65.6 50.6 76.0
76 33.0 26.2 39.2





#15

Acrylonitrile

Concen: 249.858 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

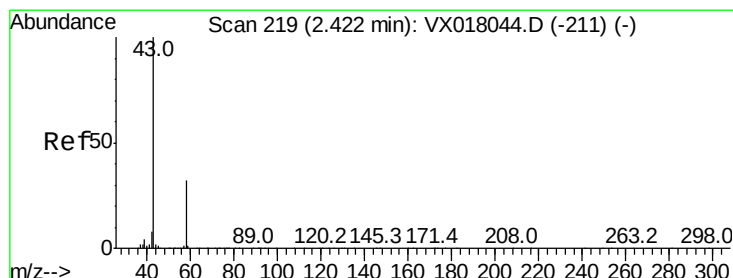
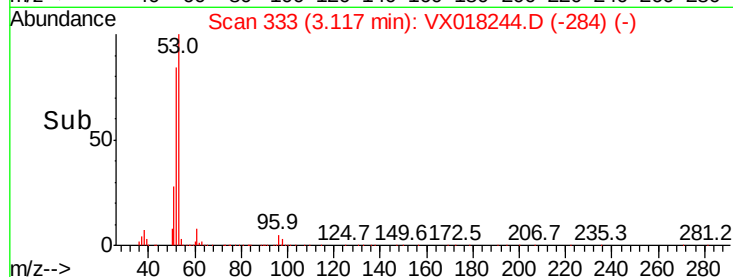
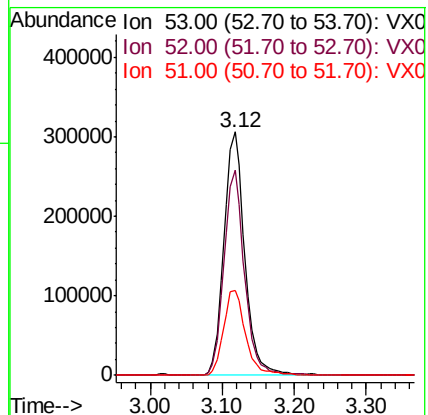
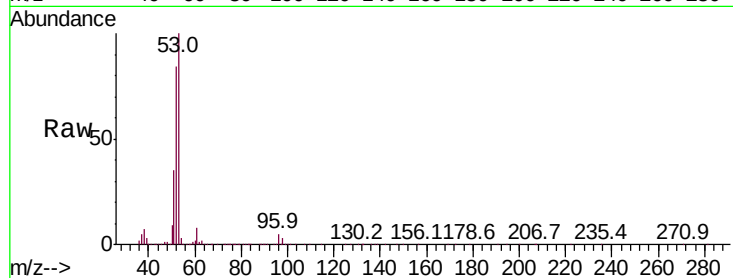
Tot Ion: 53 Resp: 619712

Ion Ratio Lower Upper

53 100

52 82.6 66.9 100.3

51 36.7 28.7 43.1



#16

Acetone

Concen: 248.636 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018244.D

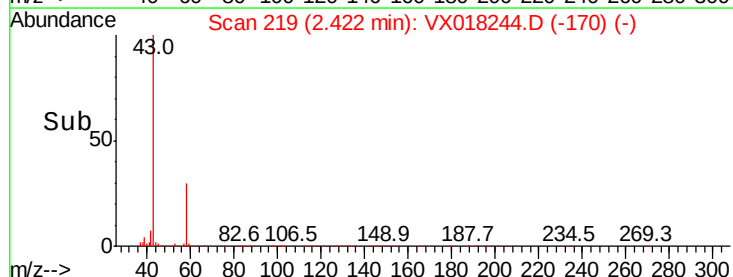
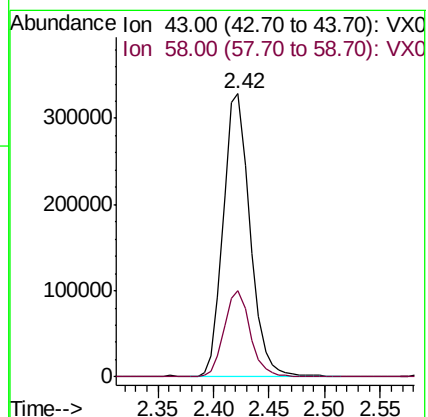
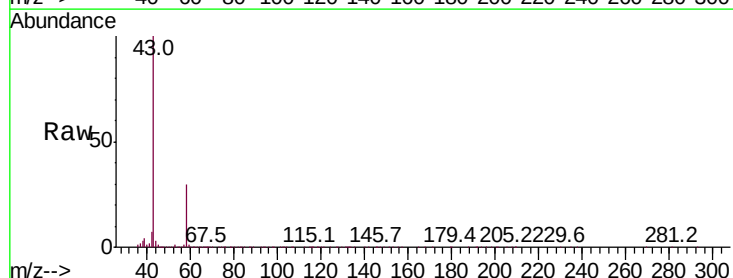
Acq: 03 Sep 2020 18:46

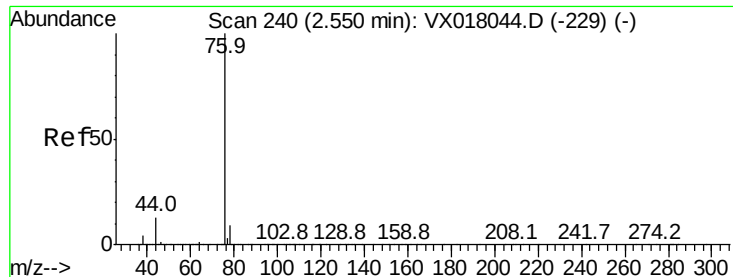
Tgt Ion: 43 Resp: 544823

Ion Ratio Lower Upper

43 100

58 30.5 25.5 38.3





#17

Carbon Disulfide

Concen: 46.622 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

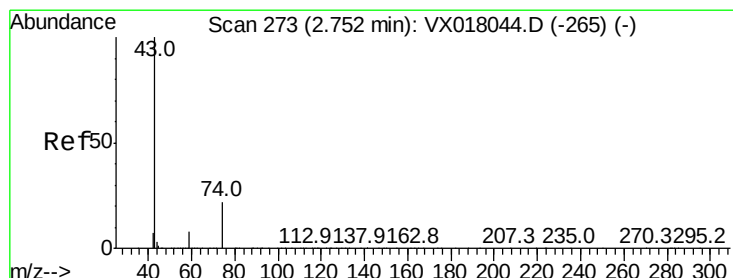
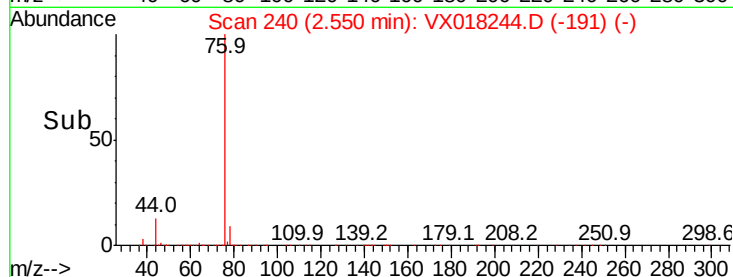
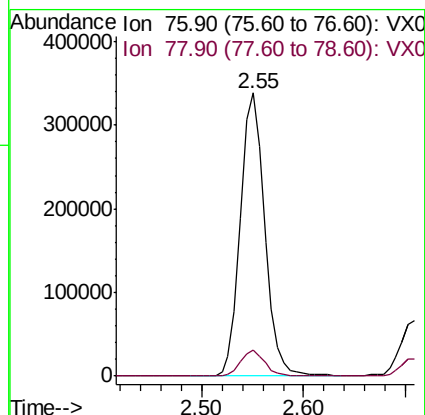
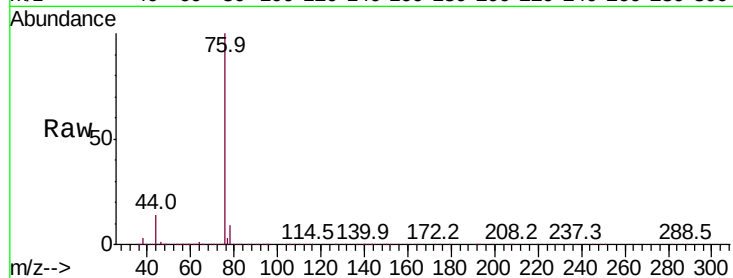
ClientSampleId :

Tot Ion: 76 Resp: 557916

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 52.253 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018244.D

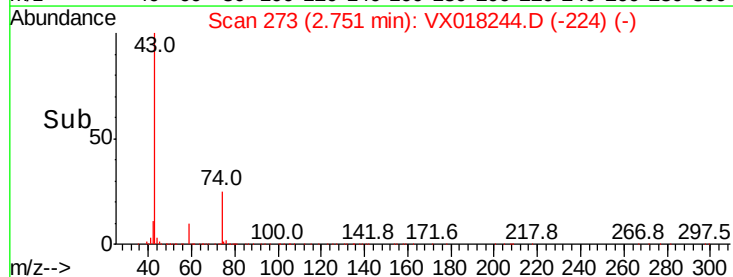
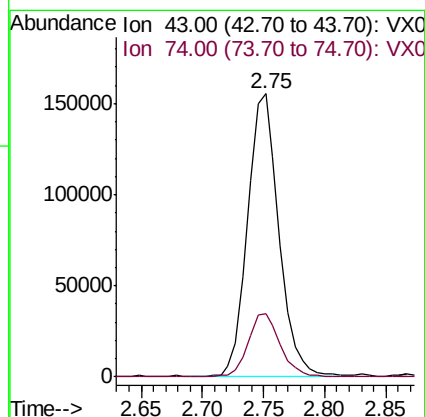
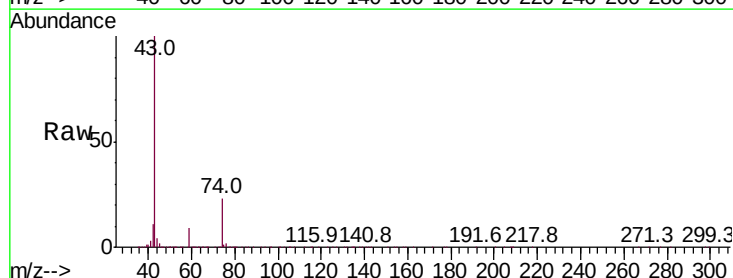
Acq: 03 Sep 2020 18:46

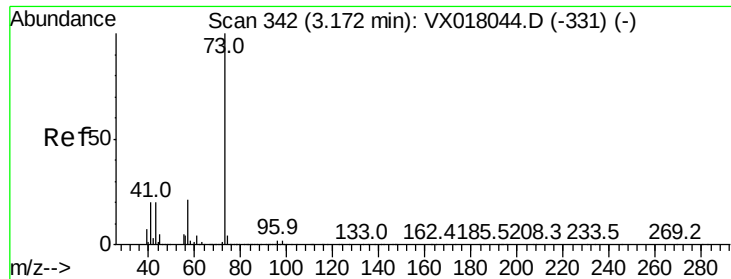
Tgt Ion: 43 Resp: 276301

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4



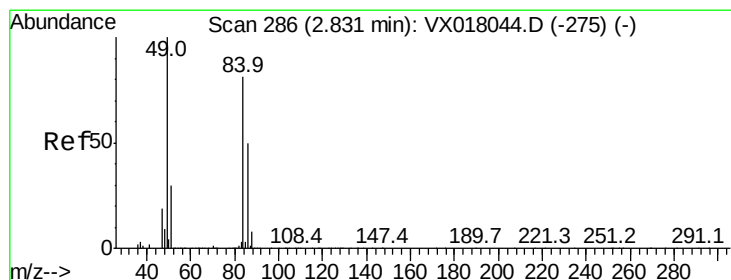
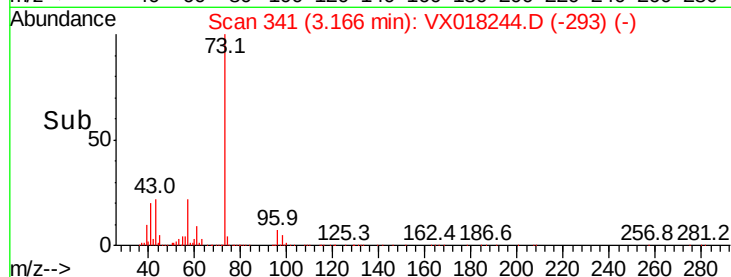
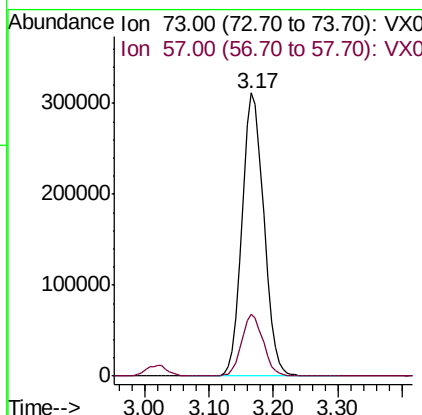
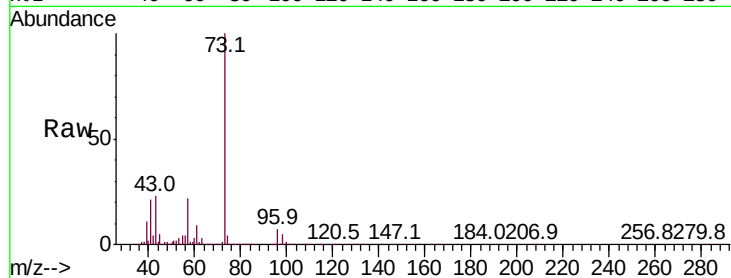


#19

Methyl tert-butyl Ether
Concen: 53.193 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :

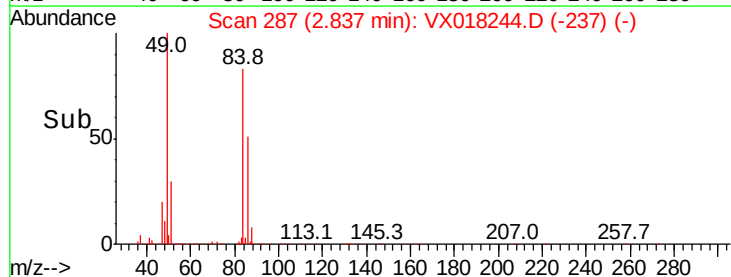
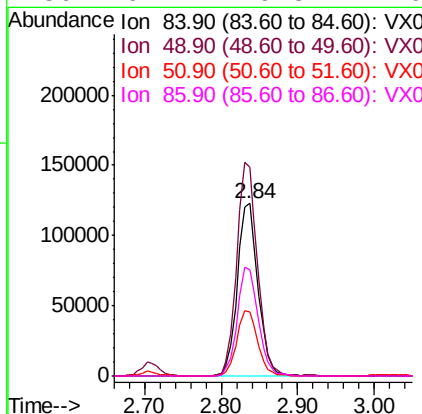
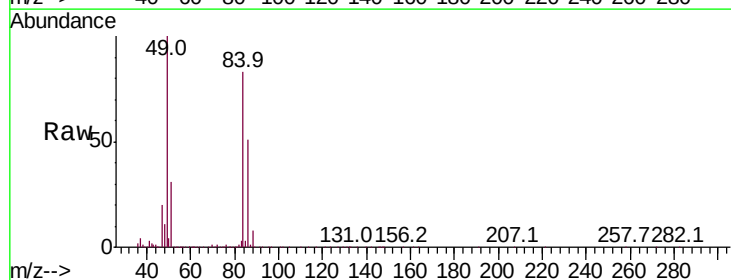
Tot Ion: 73 Resp: 722145
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2

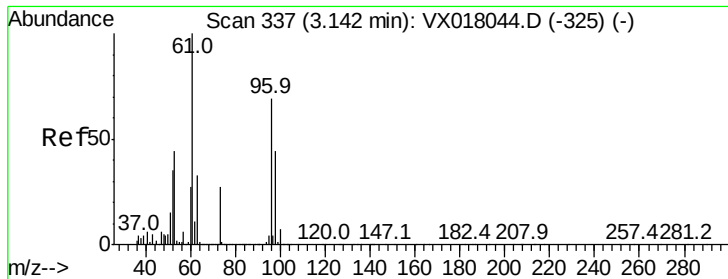


#20

Methylene Chloride
Concen: 51.533 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 84 Resp: 230731
Ion Ratio Lower Upper
84 100
49 120.9 98.6 148.0
51 36.8 29.6 44.4
86 61.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.454 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :

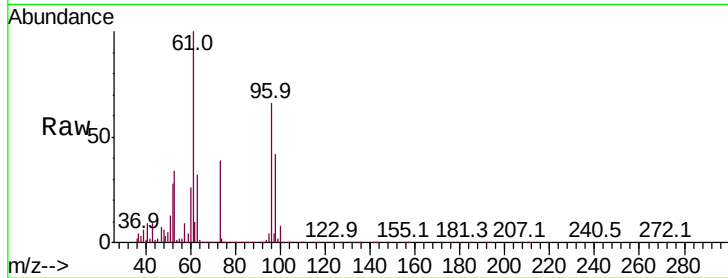
Tot Ion: 96 Resp: 212508

Ion Ratio Lower Upper

96 100

61 152.0 115.4 173.0

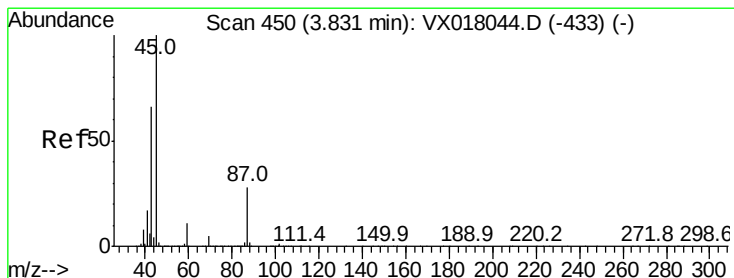
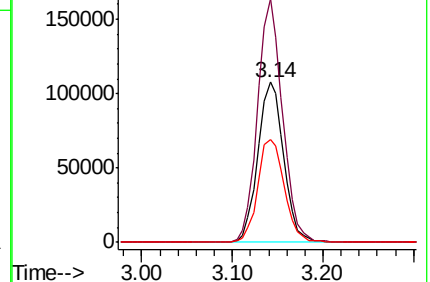
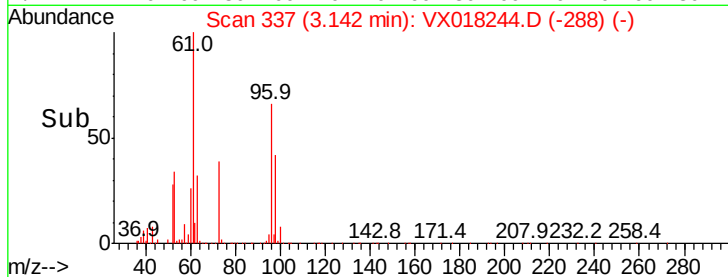
98 64.5 51.1 76.7



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



#22

Diisopropyl ether

Concen: 51.270 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Tgt Ion: 45 Resp: 719675

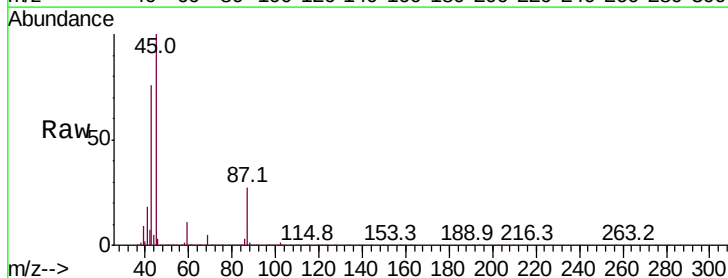
Ion Ratio Lower Upper

45 100

43 75.5 52.8 79.2

87 26.8 22.5 33.7

59 11.3 9.0 13.6

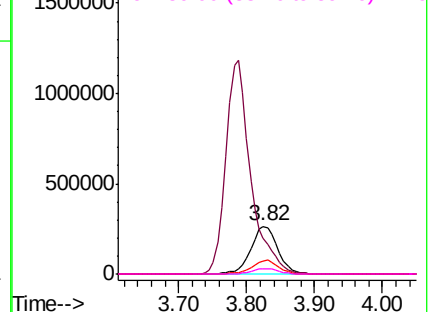
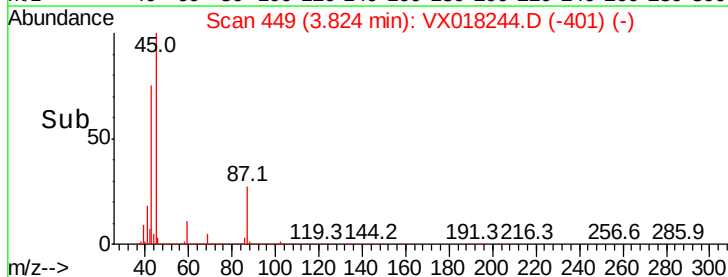


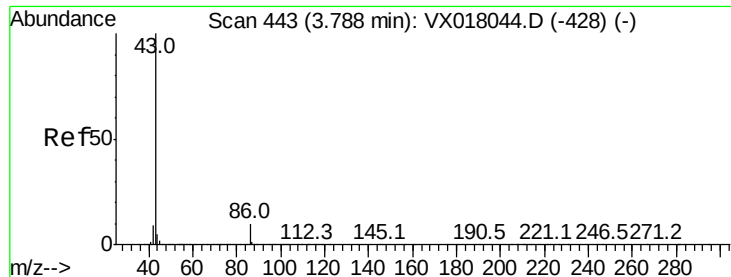
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 240.872 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

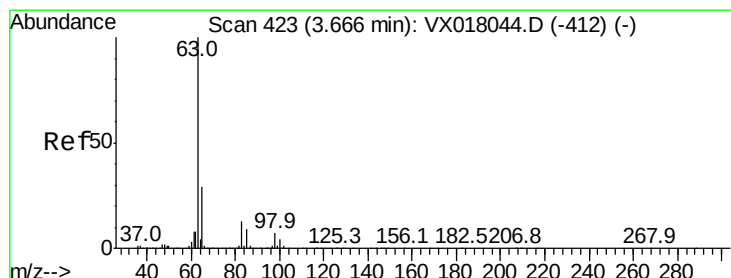
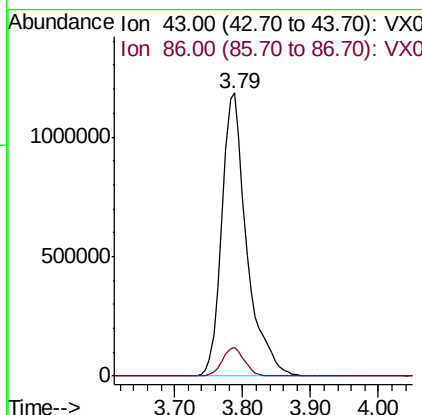
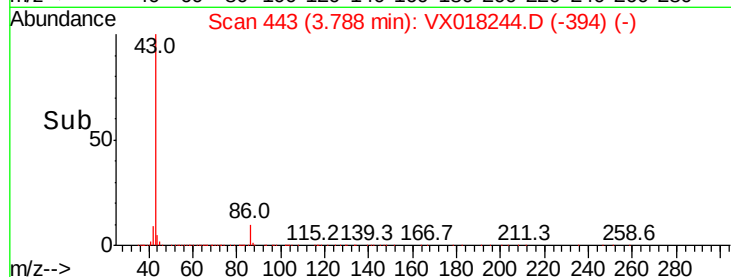
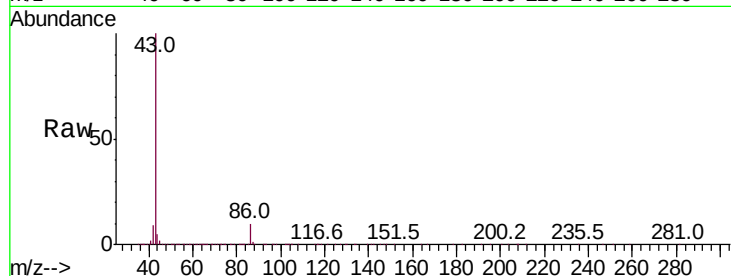
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3008575

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.775 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

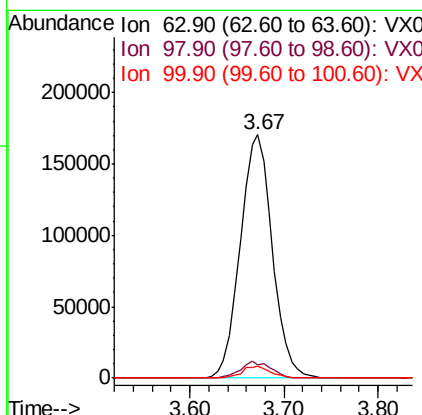
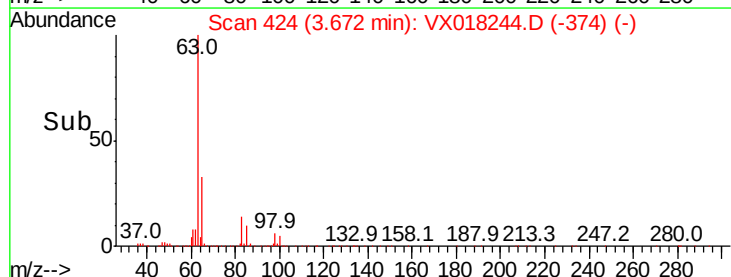
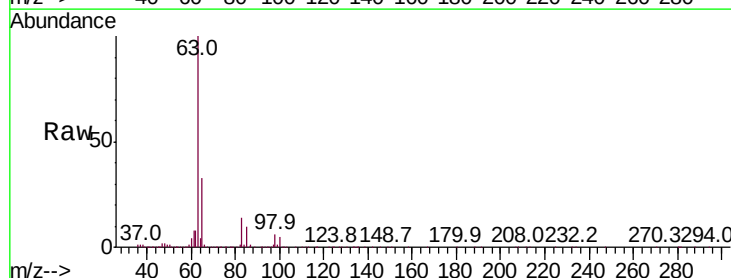
Tgt Ion: 63 Resp: 405721

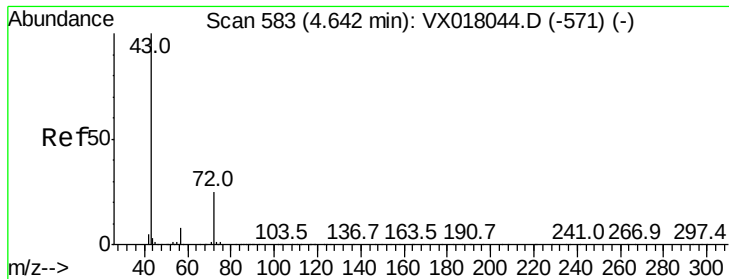
Ion Ratio Lower Upper

63 100

98 5.7 3.6 10.8

100 5.0 2.0 6.0





#25

2-Butanone

Concen: 240.867 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

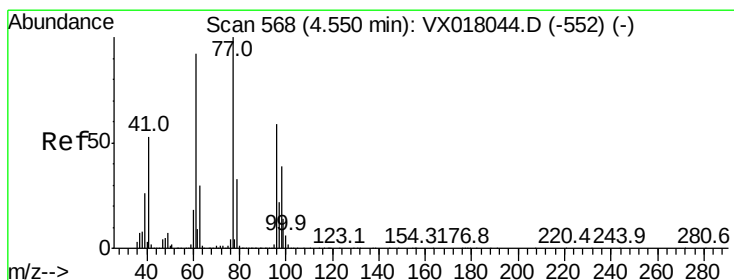
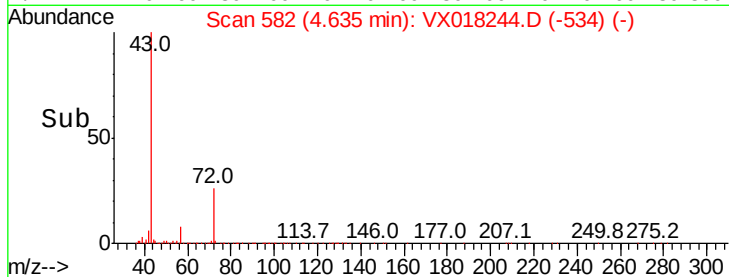
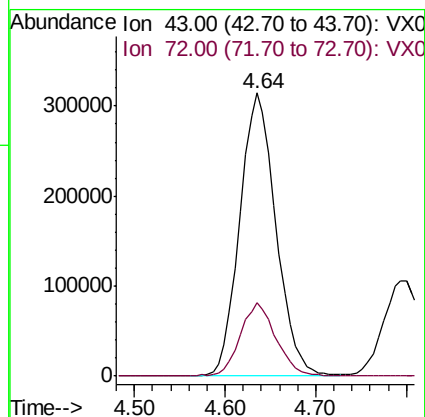
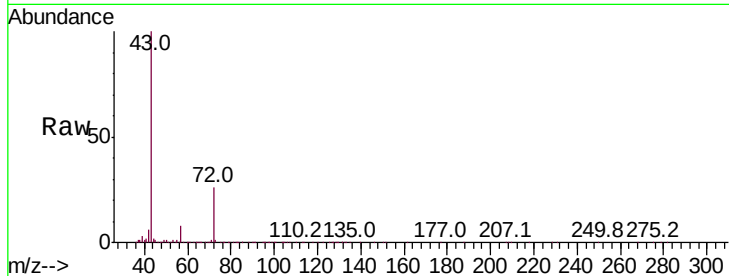
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 867416

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 49.975 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018244.D

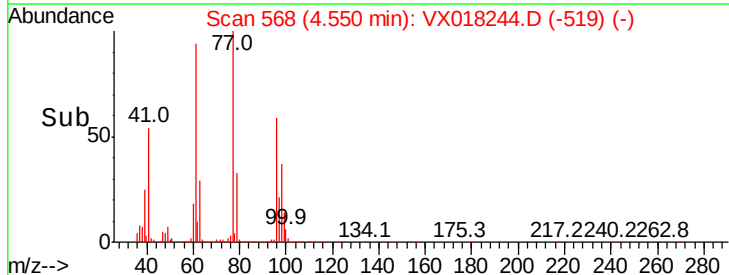
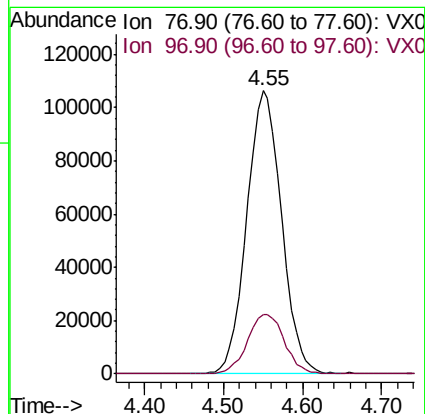
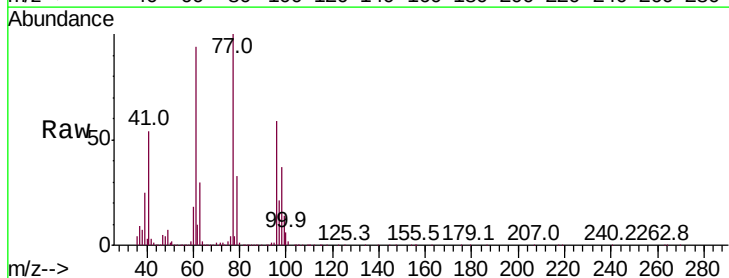
Acq: 03 Sep 2020 18:46

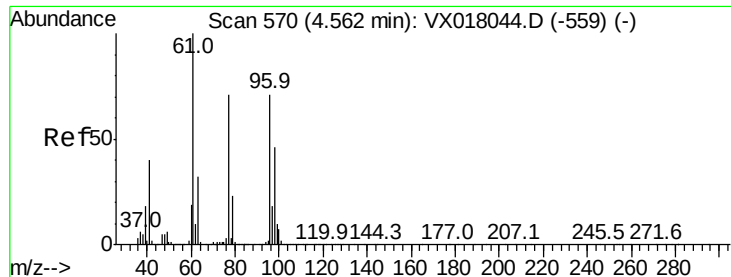
Tgt Ion: 77 Resp: 324908

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5



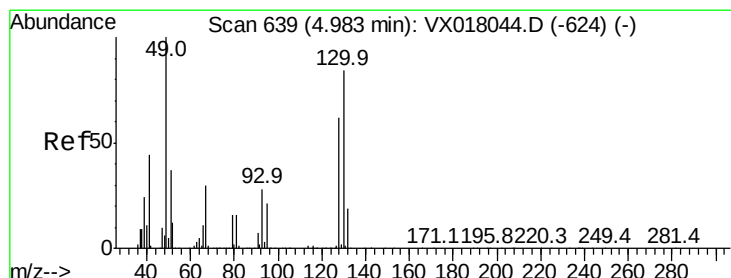
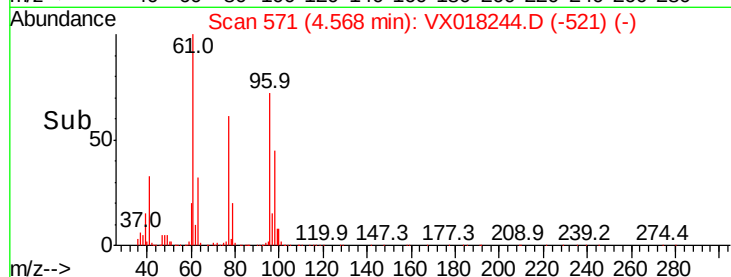
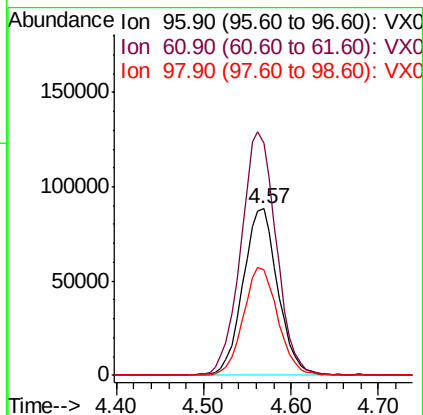
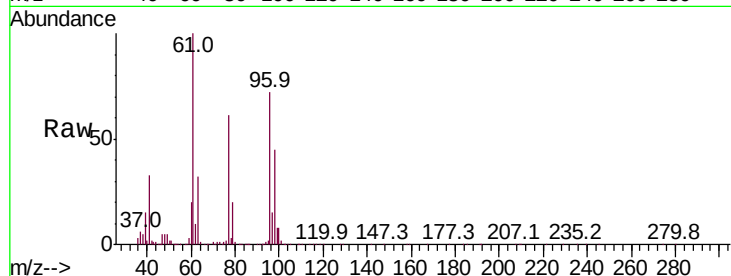


#27

cis-1,2-Dichloroethene
Concen: 48.191 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampled :

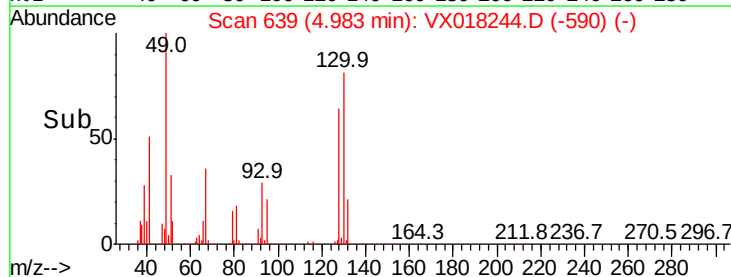
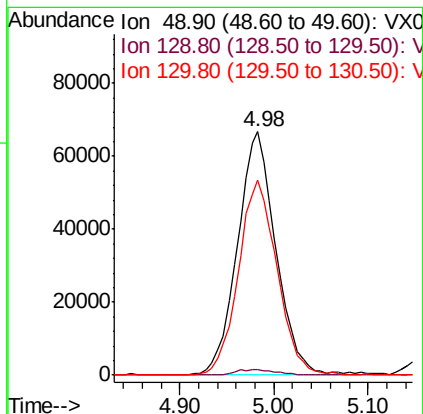
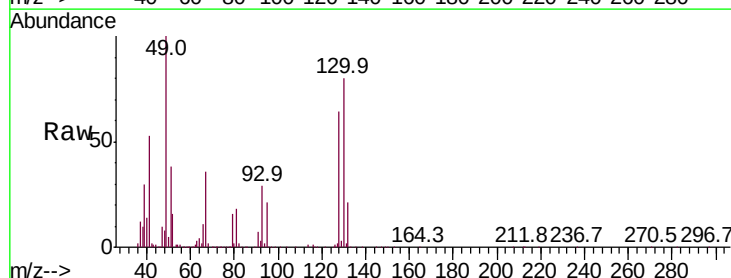
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	296.6
98	64.6	0.0	130.2

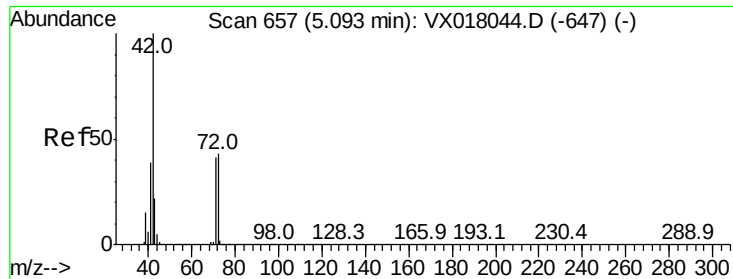


#28

Bromochloromethane
Concen: 48.958 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	81.4	64.6	96.8

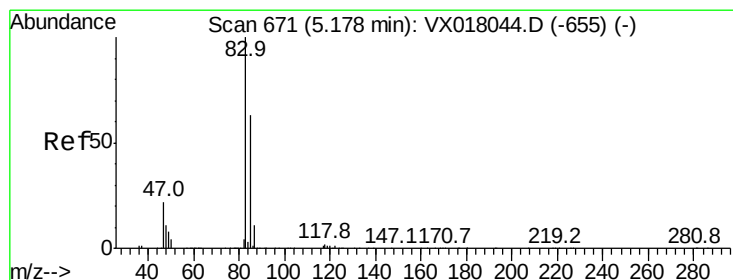
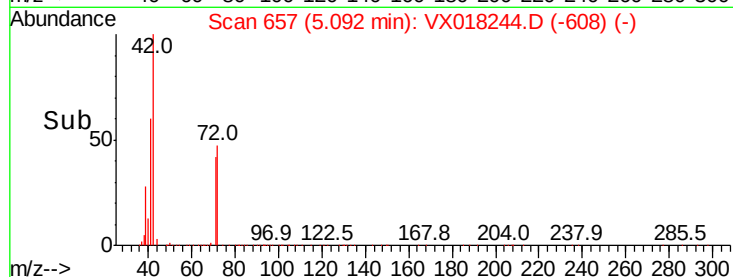
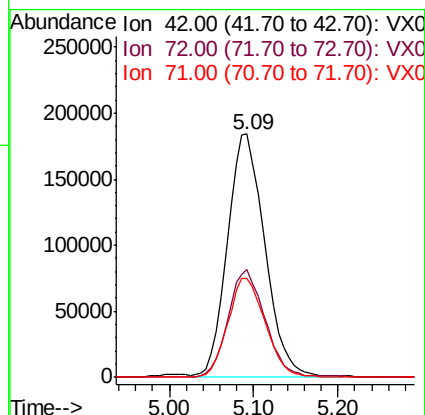
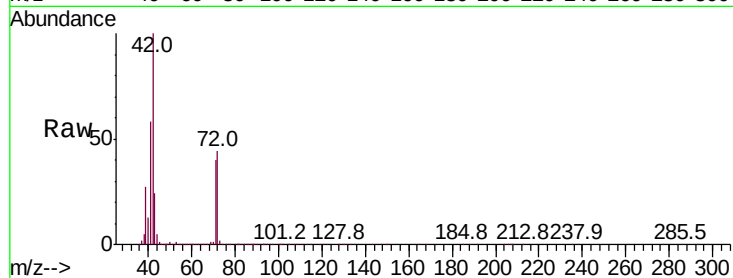




#29
Tetrahydrofuran
Concen: 243.753 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

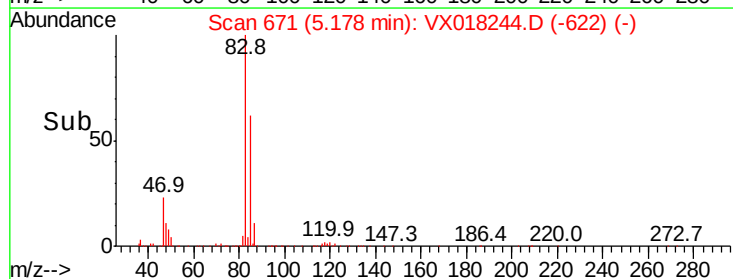
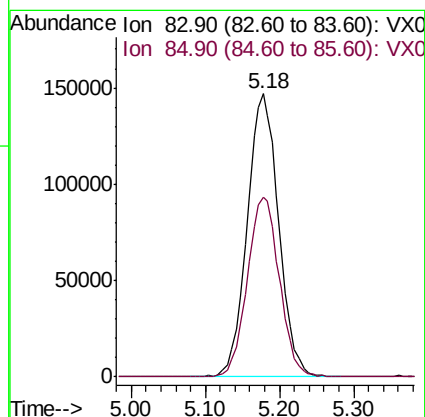
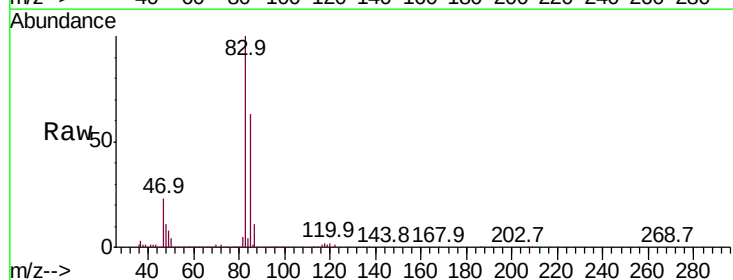
Instrument :
MSVOA_X
ClientSampleId :

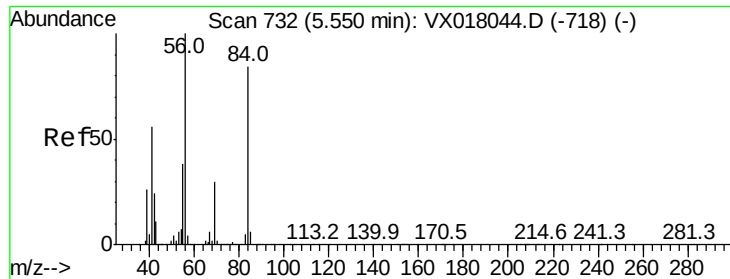
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.4
71	40.5	32.1	48.1



#30
Chloroform
Concen: 52.617 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.7	76.1

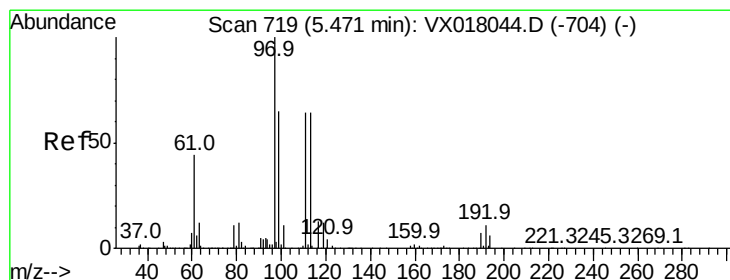
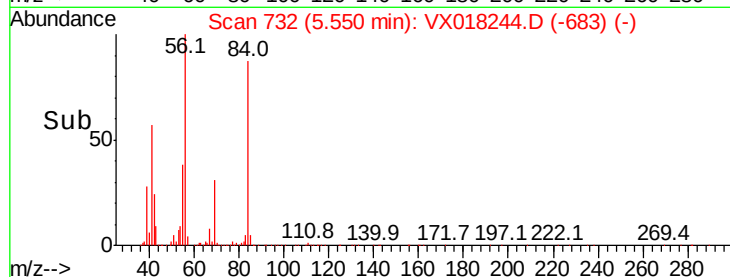
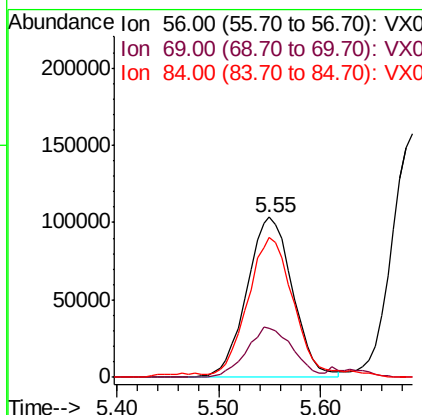
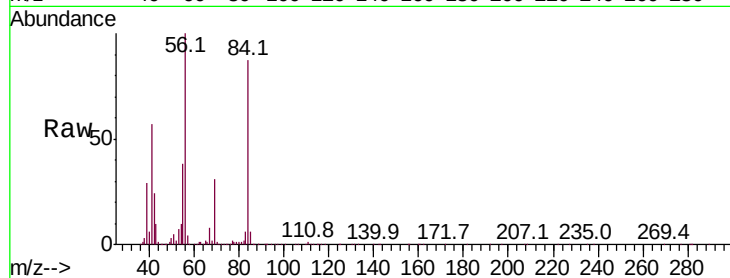




#31
Cyclohexane
Concen: 47.674 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

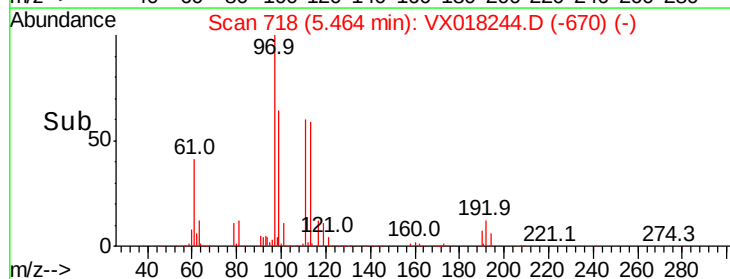
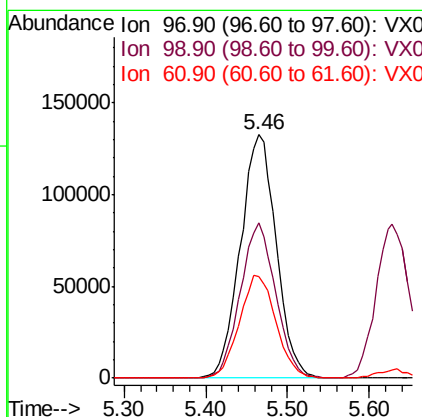
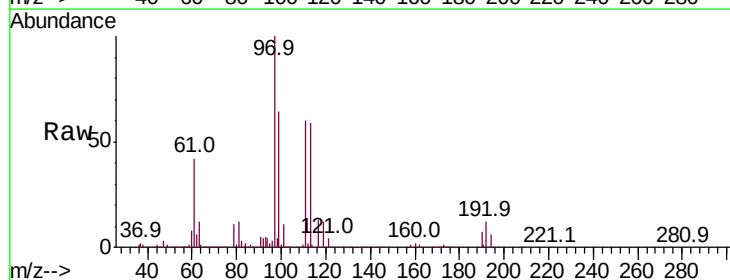
Instrument :
MSVOA_X
ClientSampleId :

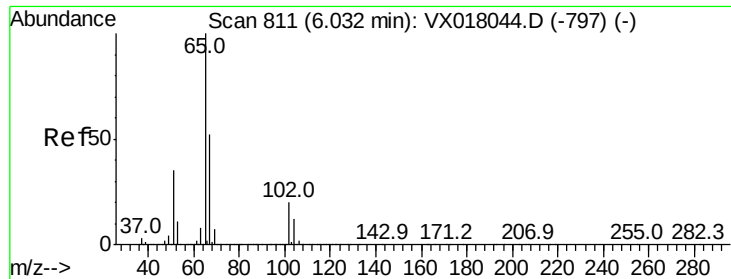
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.9	35.9
84	85.4	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 53.405 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.4	77.0
61	43.0	34.2	51.4

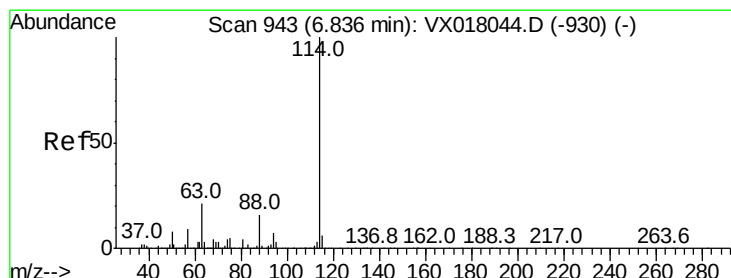
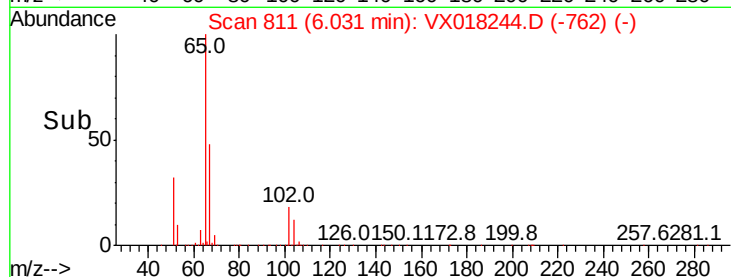
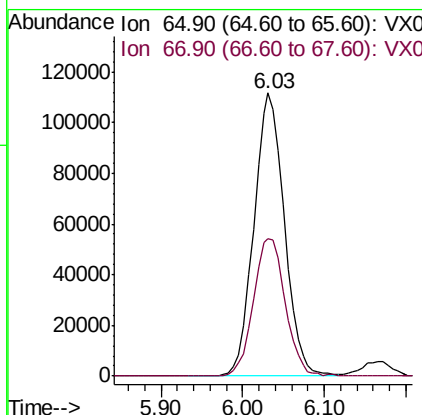
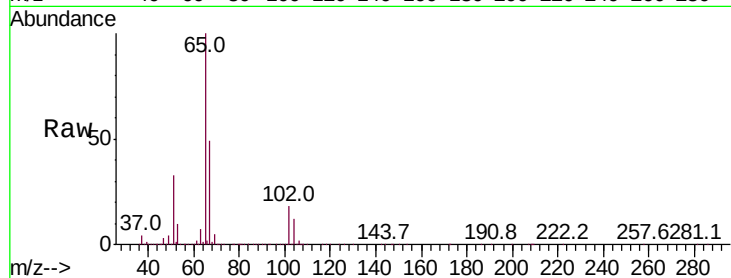




#33
 1,2-Dichloroethane-d4
 Concen: 51.717 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

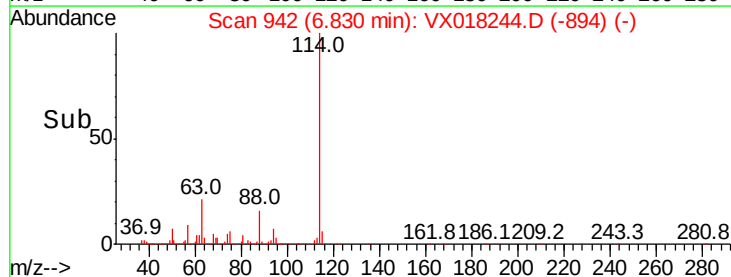
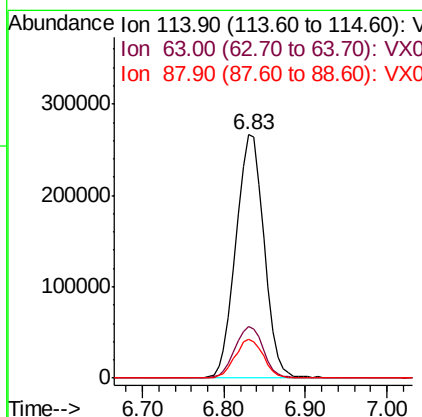
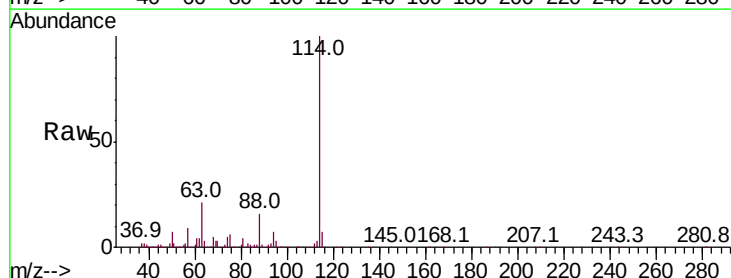
Instrument :
 MSVOA_X
 ClientSampleId :

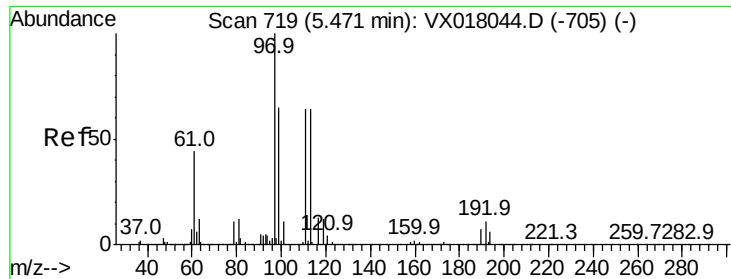
Tot Ion: 65 Resp: 290831
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion: 114 Resp: 638435
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.8 0.0 31.8

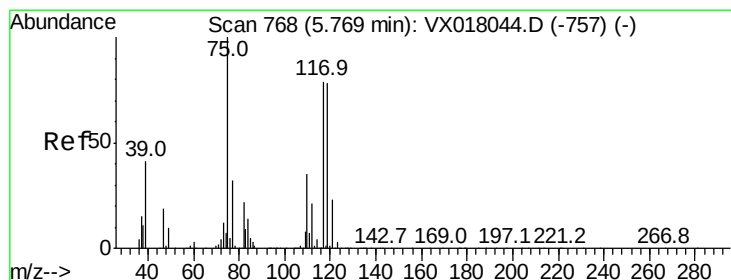
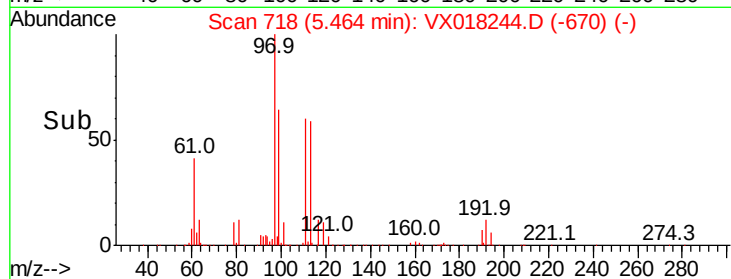
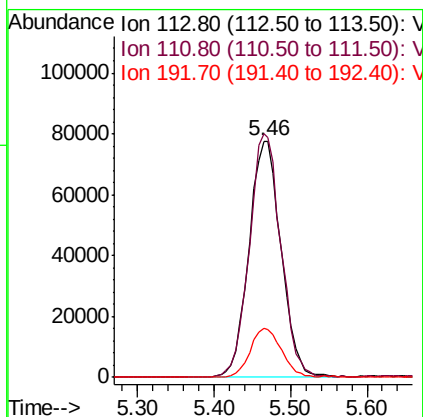
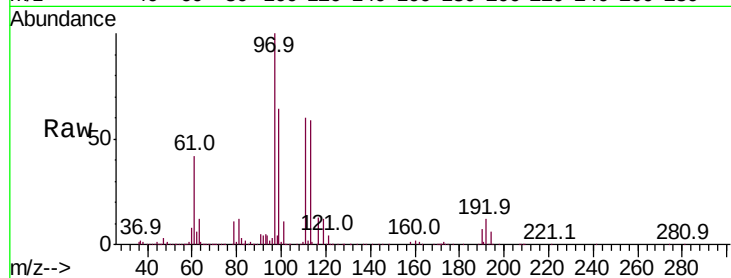




#35
 Dibromofluoromethane
 Concen: 52.269 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

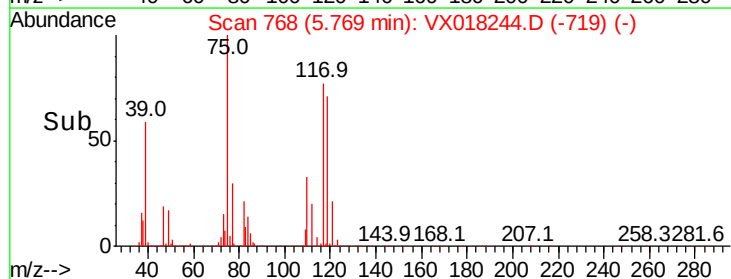
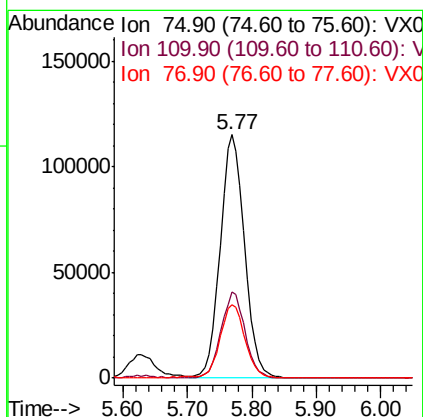
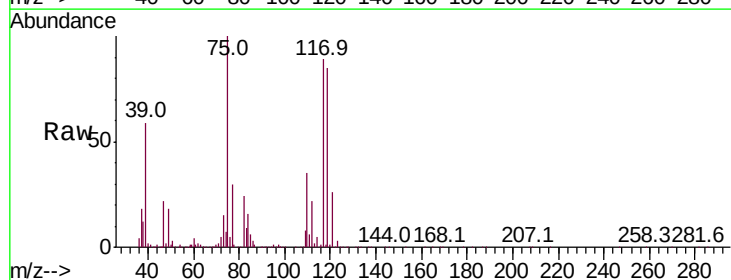
Instrument :
 MSVOA_X
 ClientSampleId :

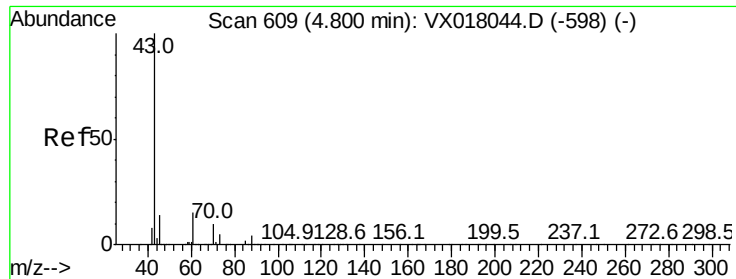
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	20.2	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 52.092 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.0	54.0
77	30.9	24.4	36.6

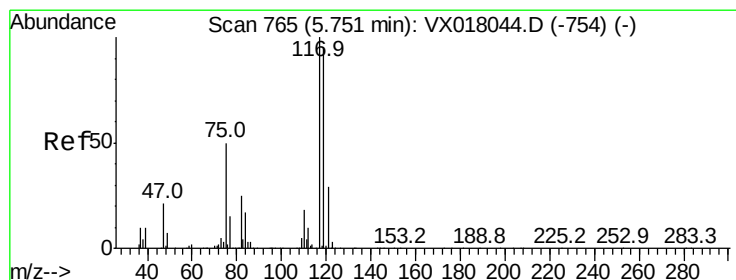
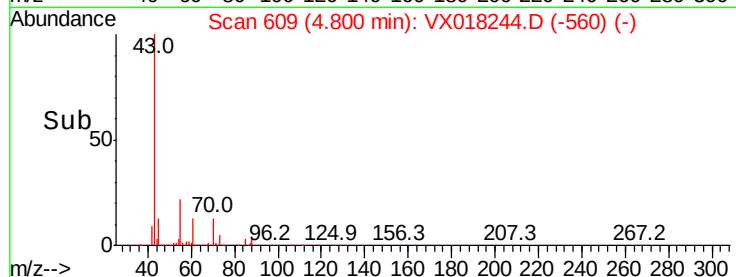
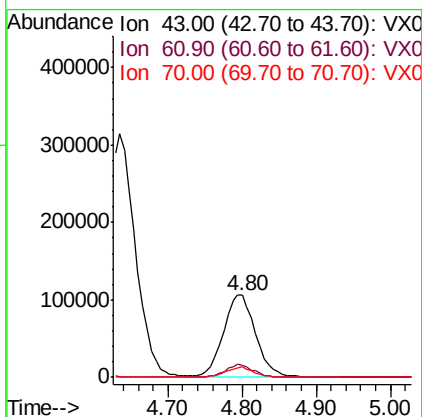
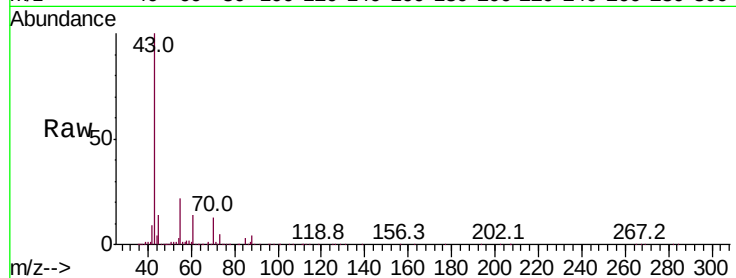




#37
Ethyl Acetate
Concen: 46.927 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

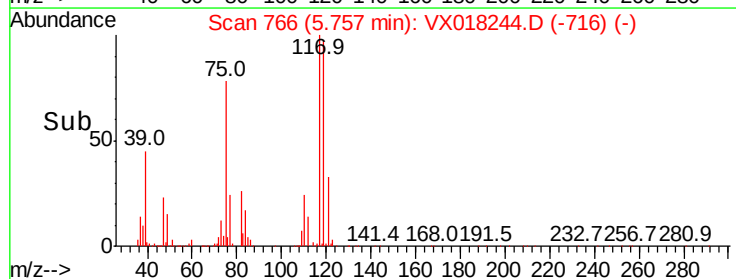
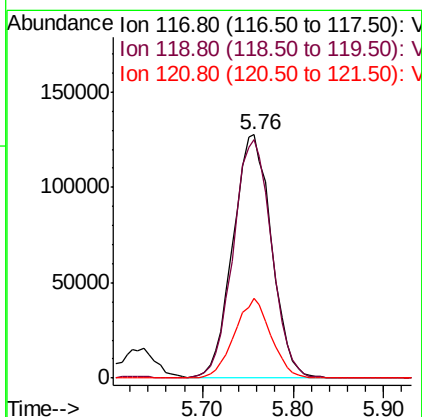
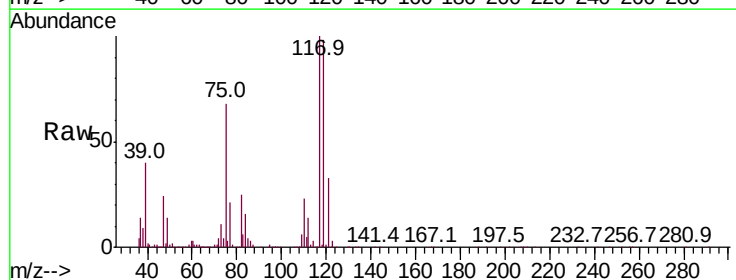
Instrument :
MSVOA_X
ClientSampled :

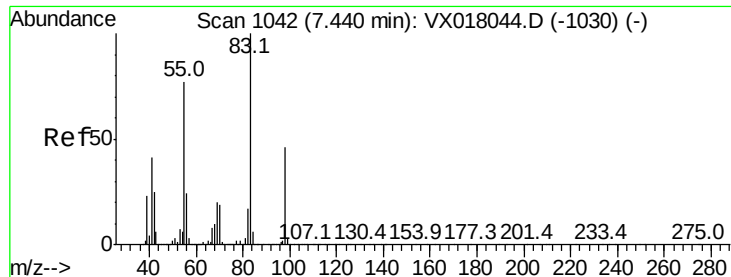
Tot Ion: 43 Resp: 320943
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 56.728 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 117 Resp: 376457
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.6
121 32.9 23.4 35.0

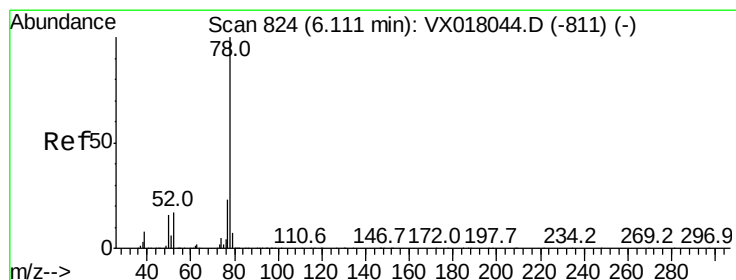
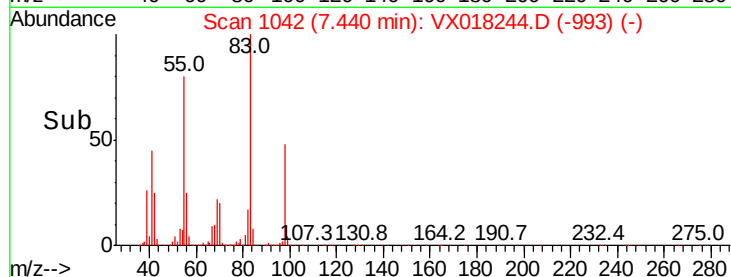
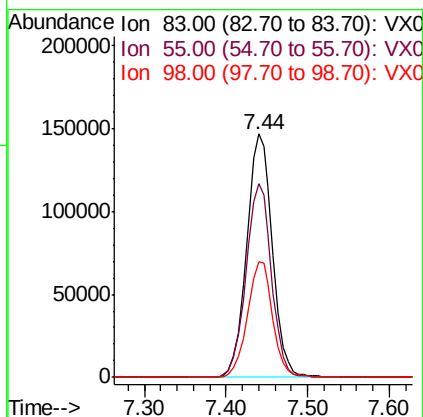
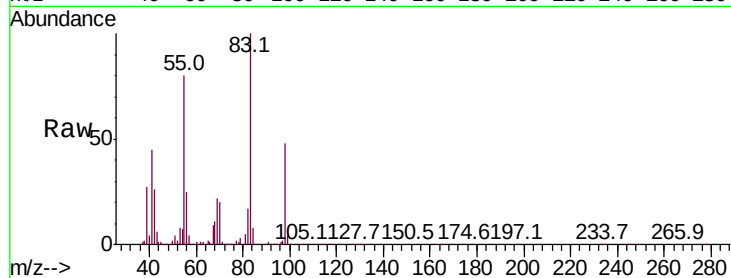




#39
Methylvlcyclohexane
Concen: 49.994 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

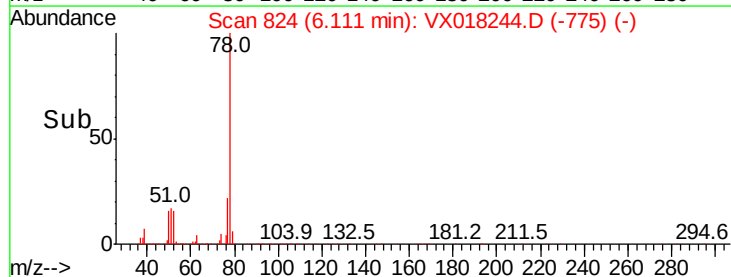
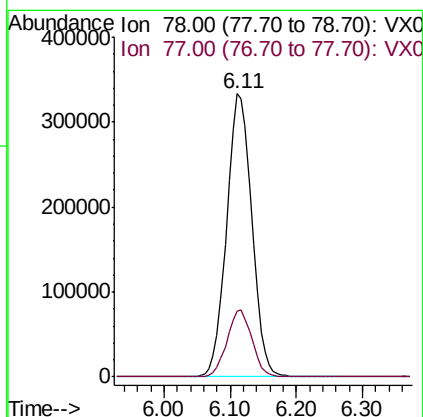
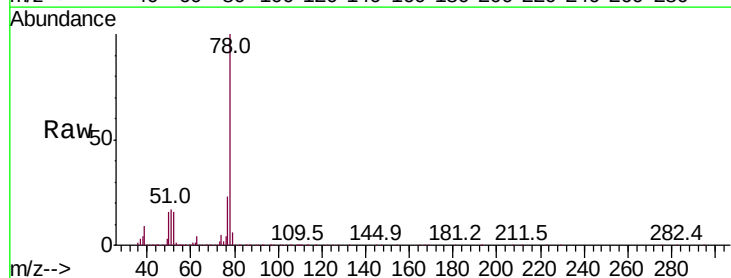
Instrument :
MSVOA_X
ClientSampleId :

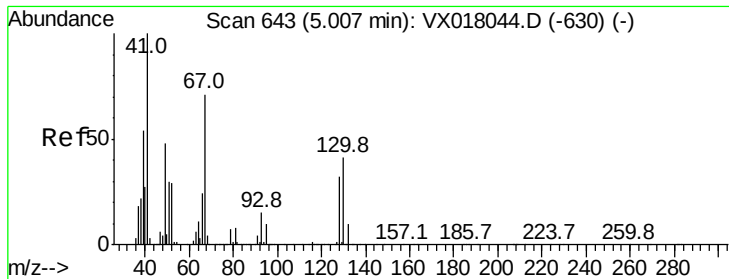
Tot Ion	83	Resp	321908
Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.8	92.6
98	47.5	36.6	55.0



#40
Benzene
Concen: 50.865 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion	78	Resp	880120
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2





#41

Methacrylonitrile

Concen: 49.450 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 185696

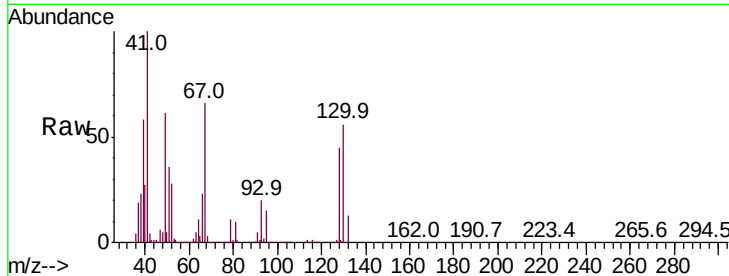
Ion Ratio Lower Upper

41 100

39 56.2 43.1 64.7

67 70.9 56.0 84.0

52 29.4 22.7 34.1

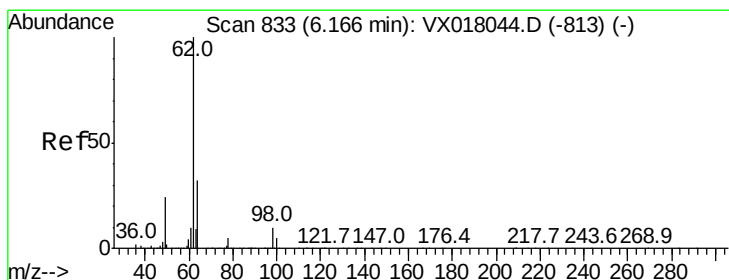
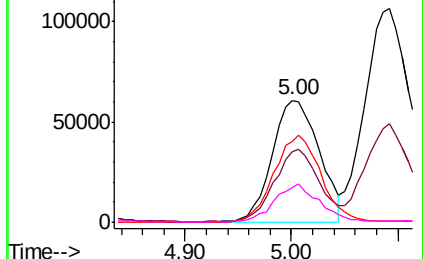
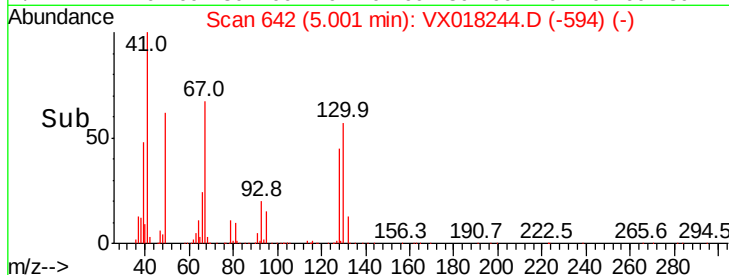


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.301 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018244.D

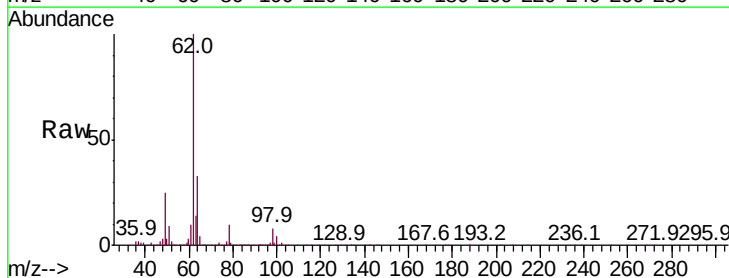
Acq: 03 Sep 2020 18:46

Tgt Ion: 62 Resp: 366613

Ion Ratio Lower Upper

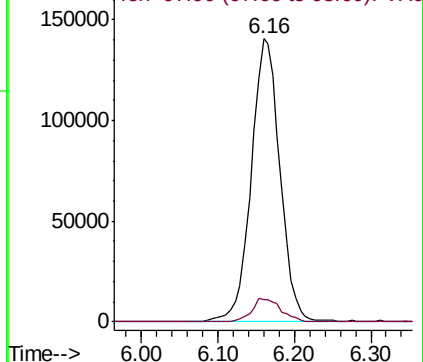
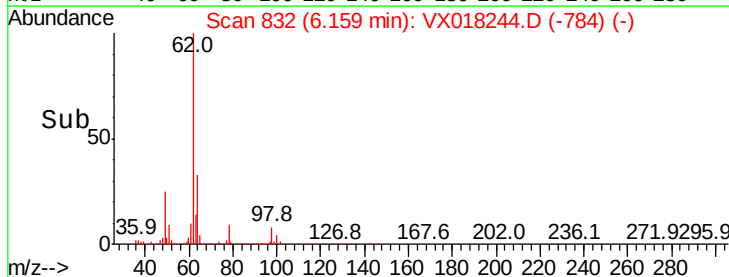
62 100

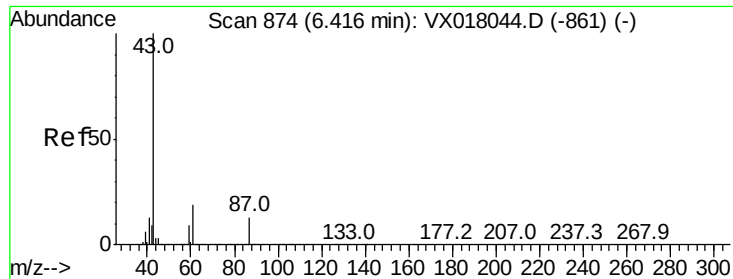
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



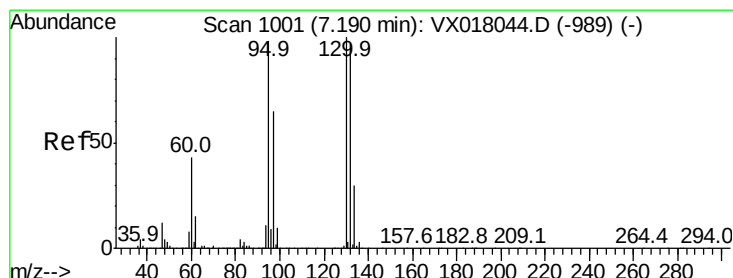
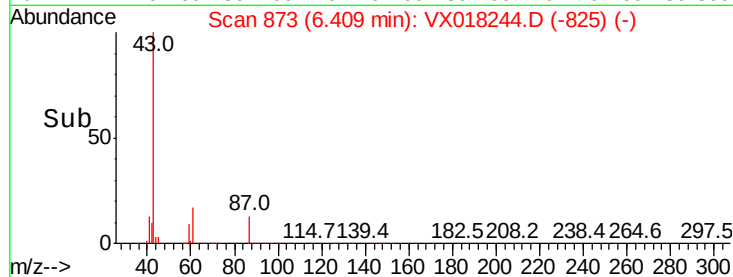
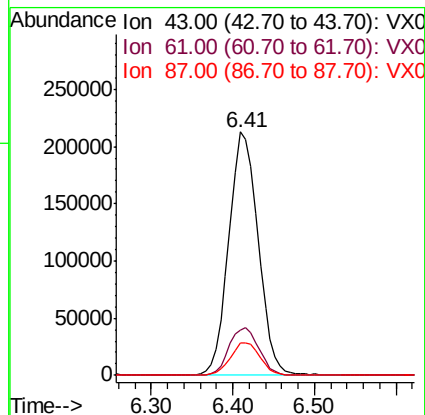
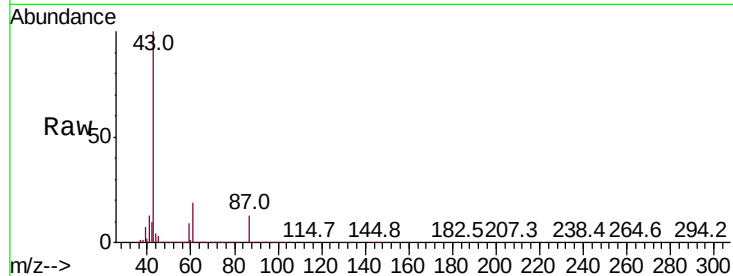


#43

Isopropyl Acetate
 Concen: 47.630 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :

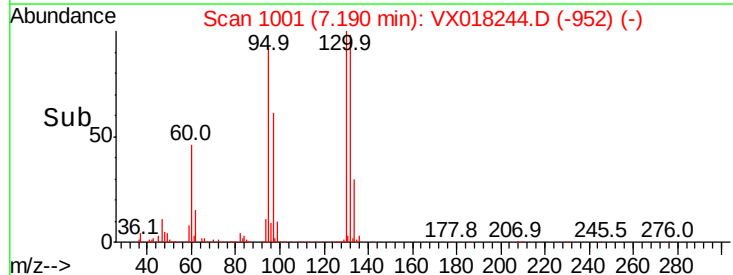
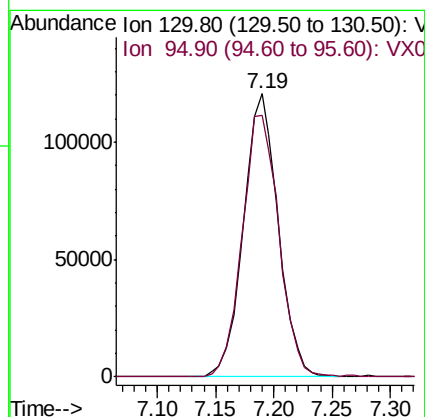
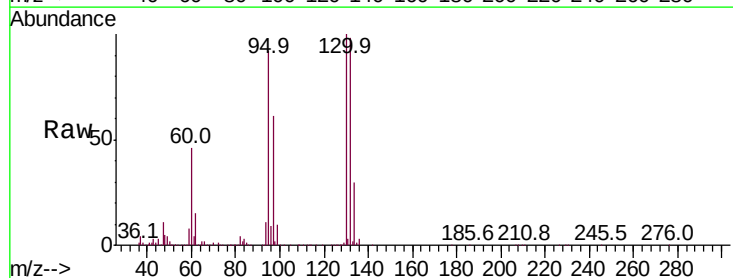
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.7	23.5
87	13.6	10.3	15.5

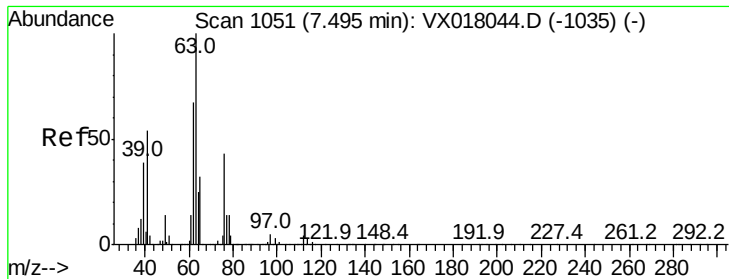


#44

Trichloroethene
 Concen: 51.183 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.819 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

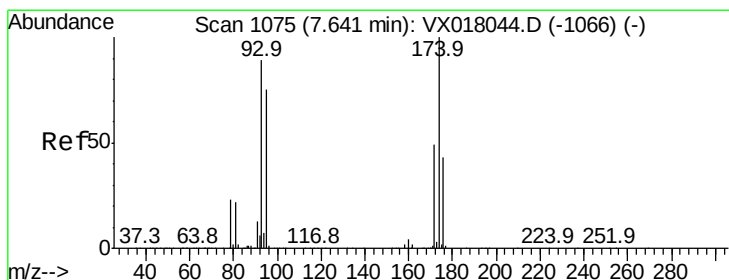
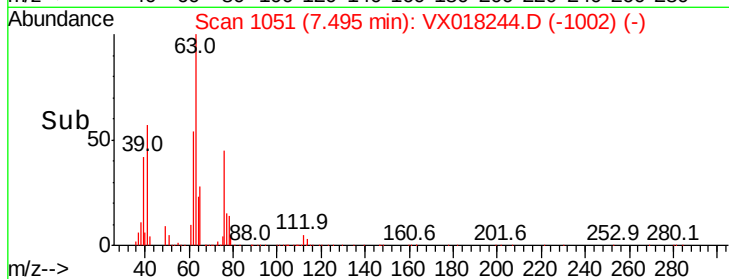
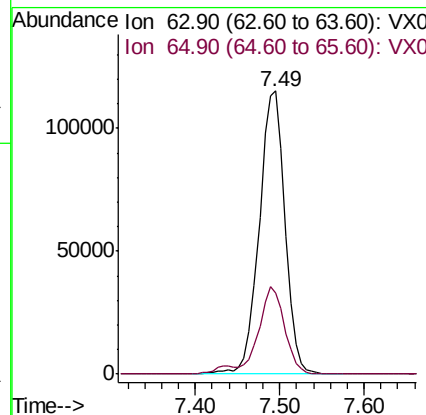
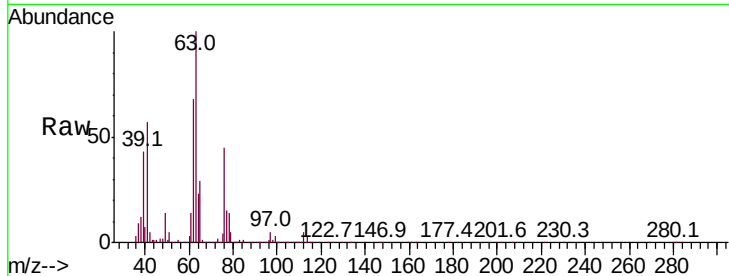
ClientSampleId :

Tot Ion: 63 Resp: 241654

Ion Ratio Lower Upper

63 100

65 28.6 25.7 38.5



#46

Dibromomethane

Concen: 51.782 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

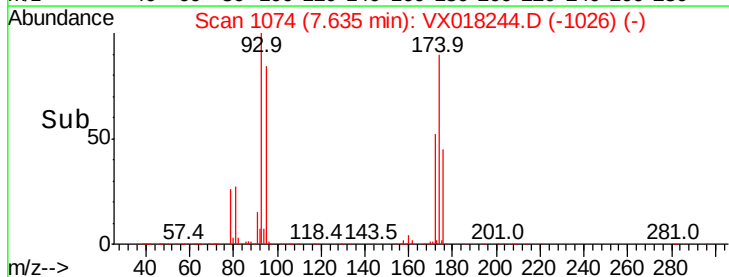
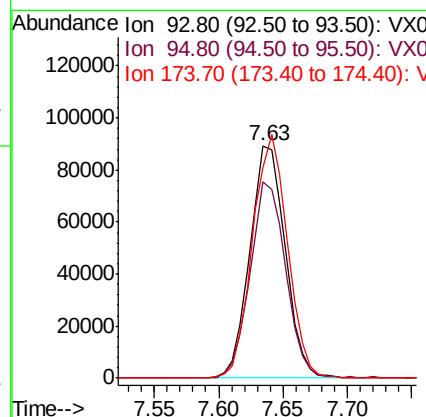
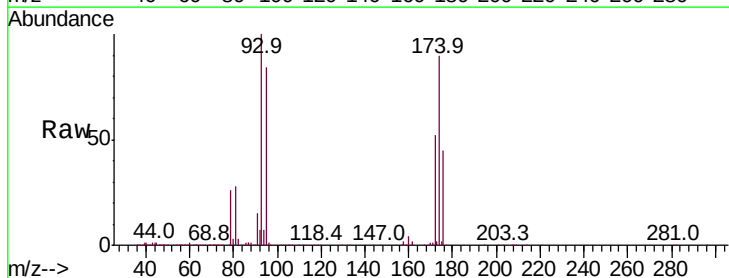
Tgt Ion: 93 Resp: 169814

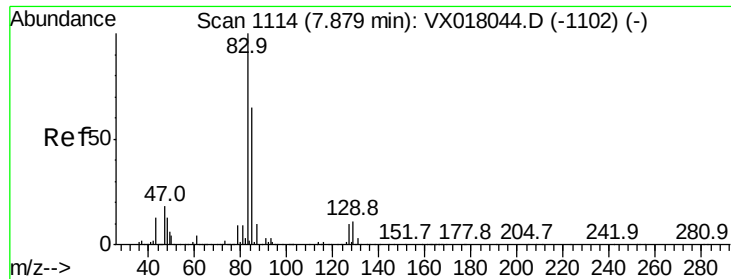
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 103.6 82.2 123.2





#47

Bromodichloromethane

Concen: 54.560 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

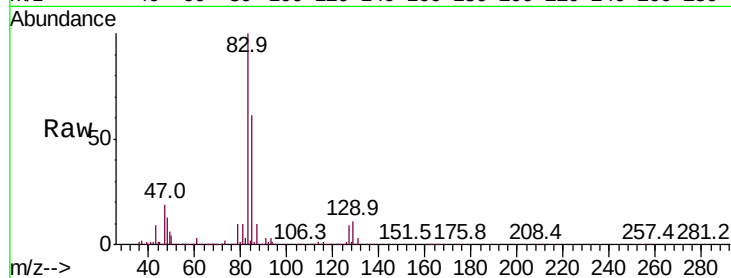
Tot Ion: 83 Resp: 357257

Ion Ratio Lower Upper

83 100

85 60.8 51.8 77.6

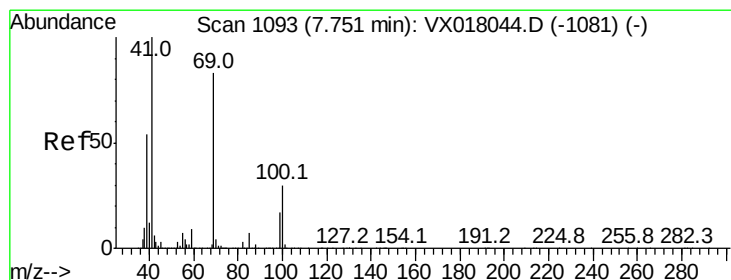
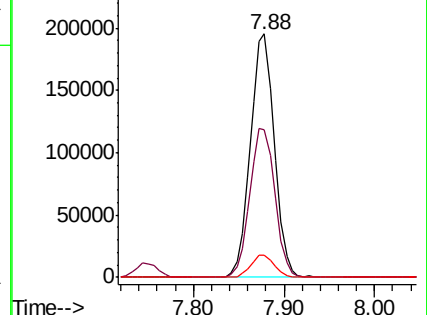
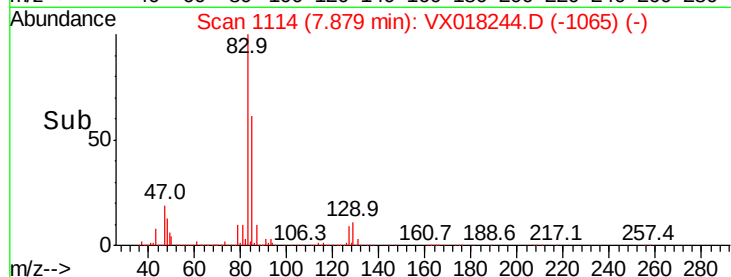
127 9.0 7.7 11.5



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: 51.051 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

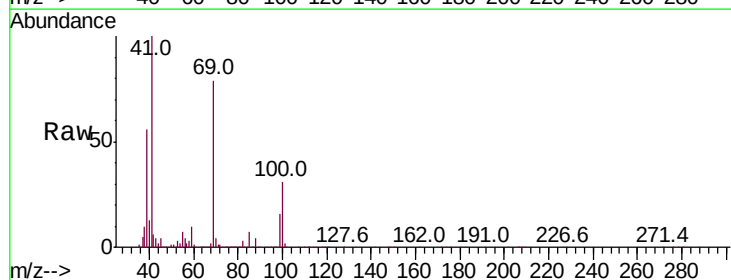
Tgt Ion: 41 Resp: 280734

Ion Ratio Lower Upper

41 100

69 80.6 65.5 98.3

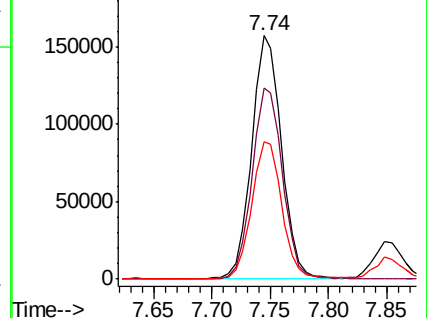
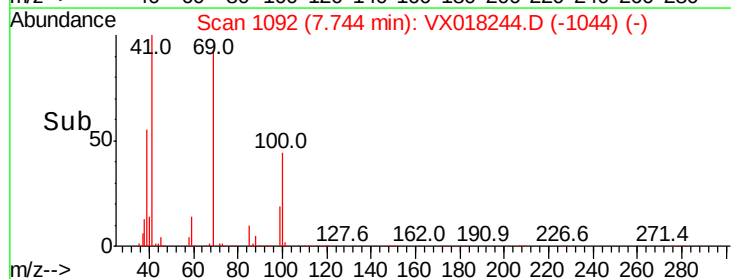
39 57.7 44.5 66.7

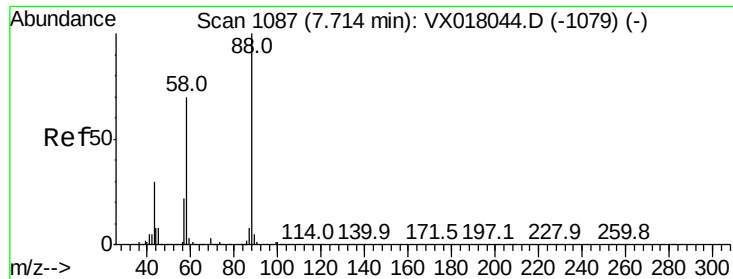


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 867.992 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

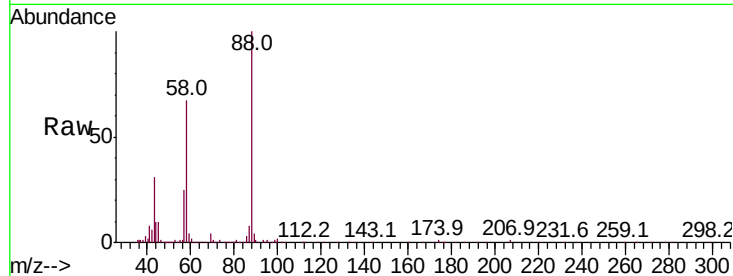
Tot Ion: 88 Resp: 86462

Ion Ratio Lower Upper

88 100

43 37.3 27.4 41.0

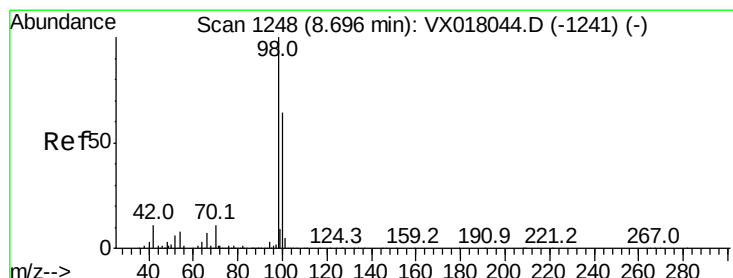
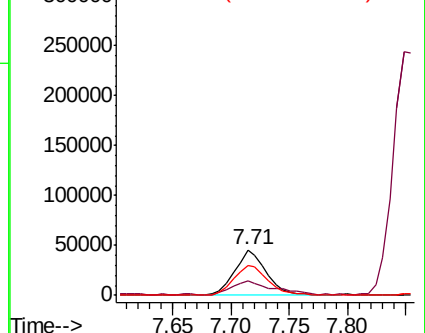
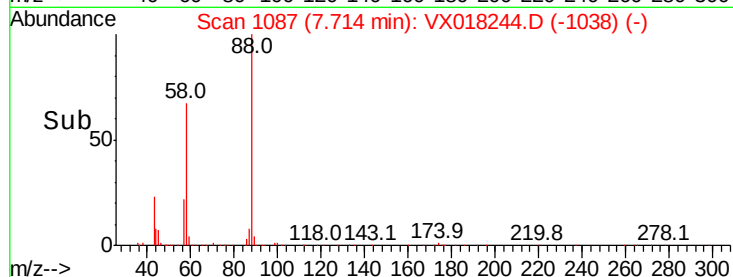
58 72.7 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.162 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018244.D

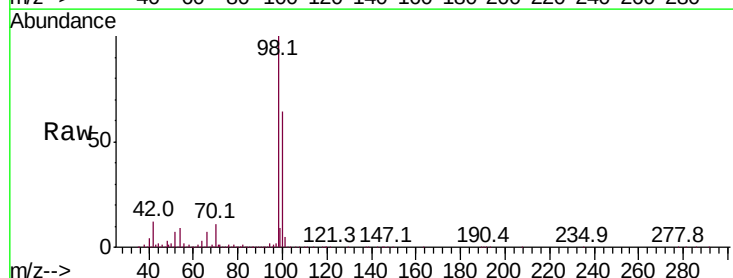
Acq: 03 Sep 2020 18:46

Tgt Ion: 98 Resp: 796150

Ion Ratio Lower Upper

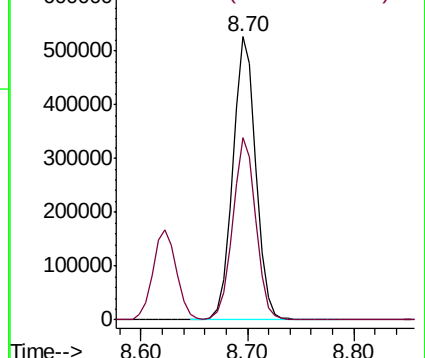
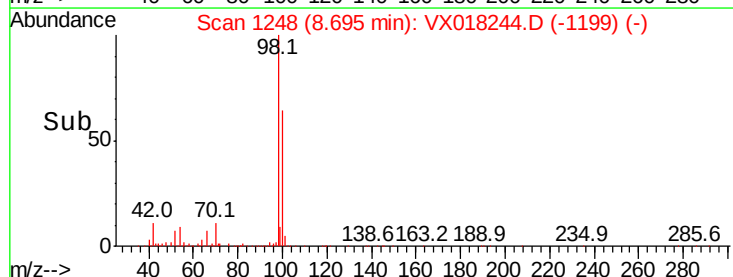
98 100

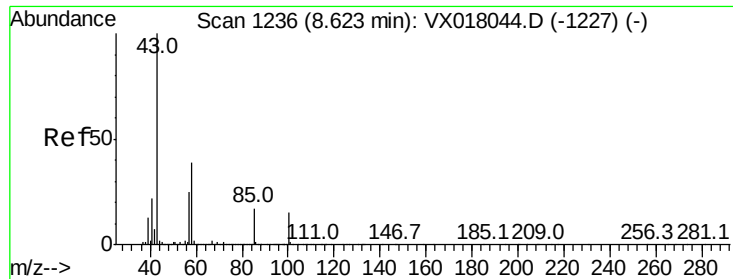
100 64.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 258.403 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

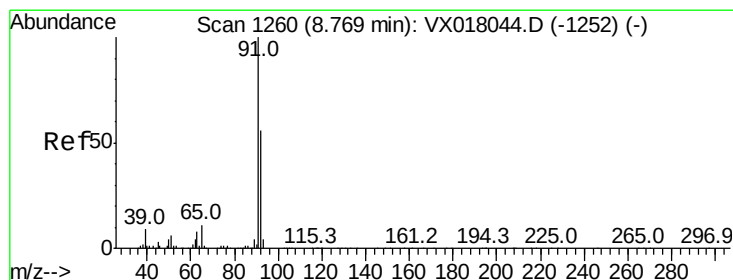
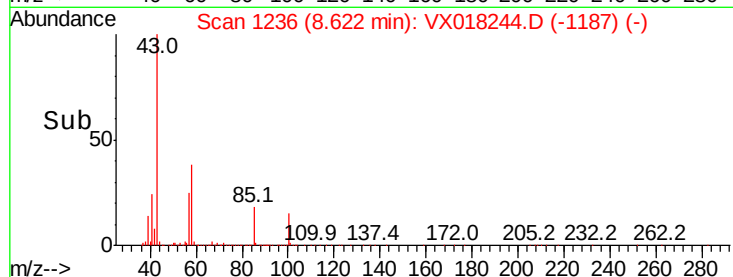
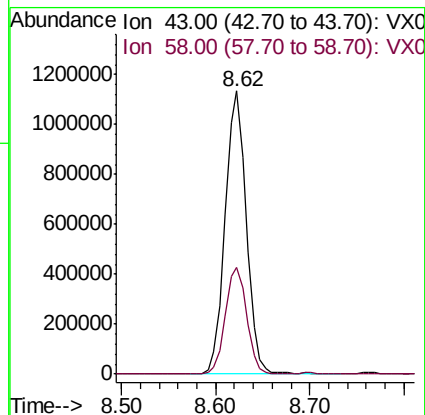
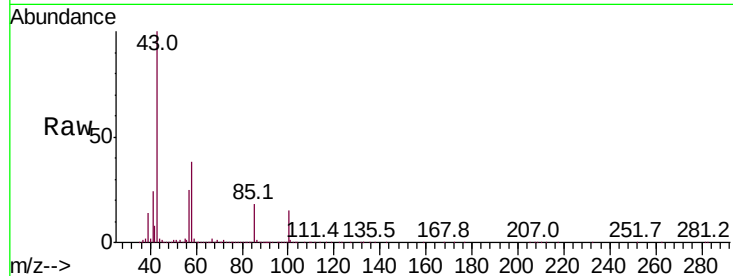
ClientSampleId :

Tot Ion: 43 Resp: 1763240

Ion Ratio Lower Upper

43 100

58 38.0 30.7 46.1



#52

Toluene

Concen: 51.942 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018244.D

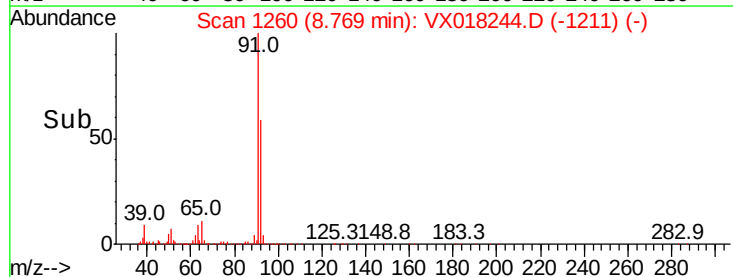
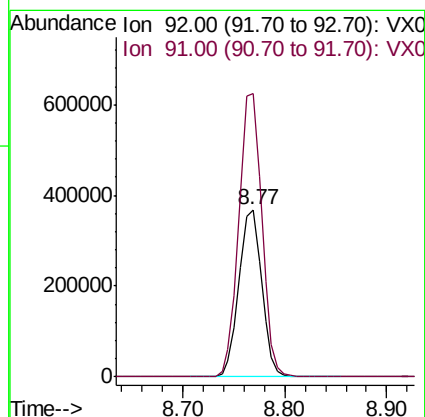
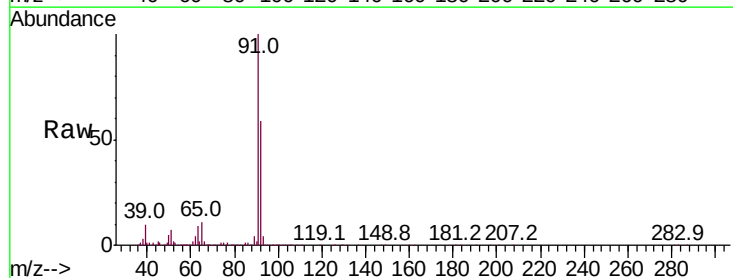
Acq: 03 Sep 2020 18:46

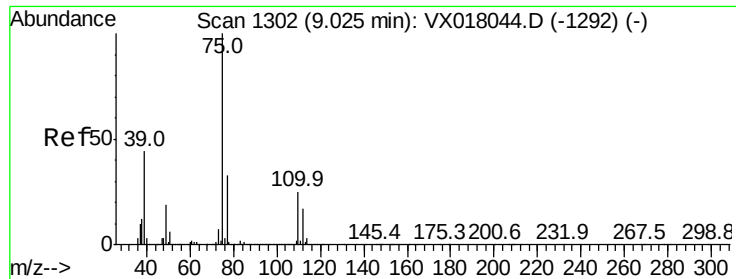
Tgt Ion: 92 Resp: 569899

Ion Ratio Lower Upper

92 100

91 170.6 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 53.282 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

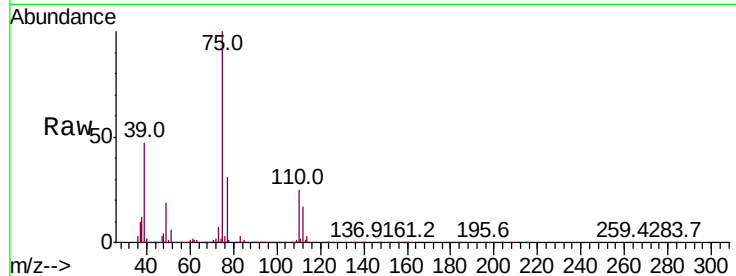
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 386676

Ion Ratio Lower Upper

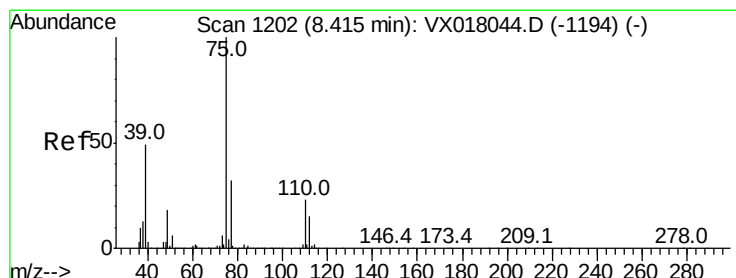
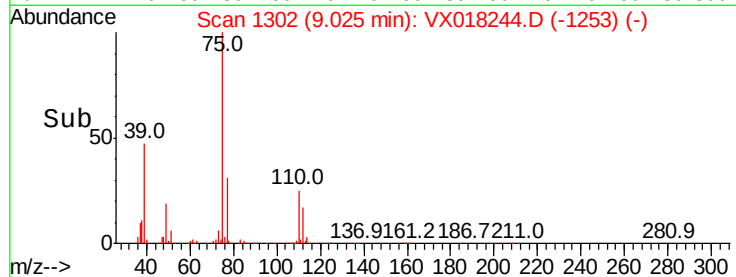
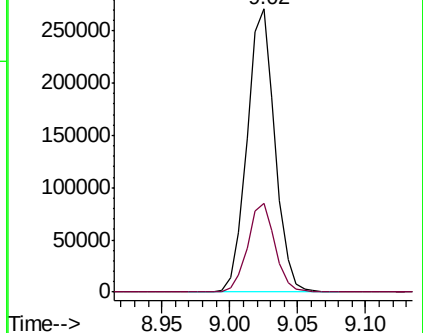
75 100

77 31.2 26.6 39.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.193 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

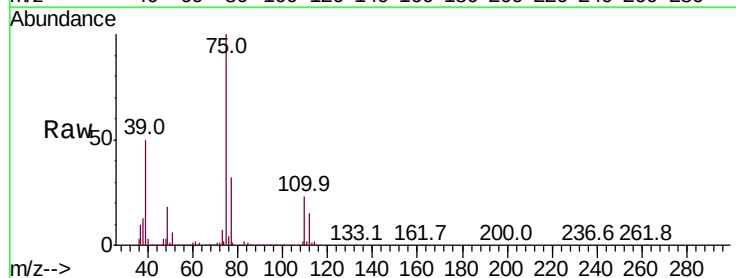
Tgt Ion: 75 Resp: 385866

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

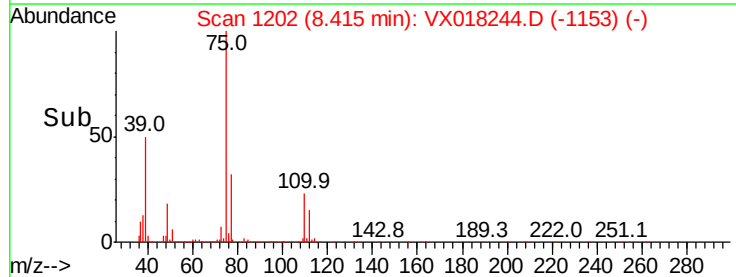
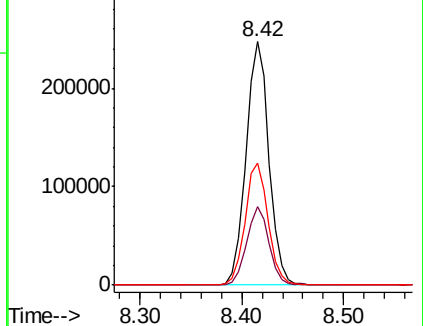
39 49.8 38.8 58.2

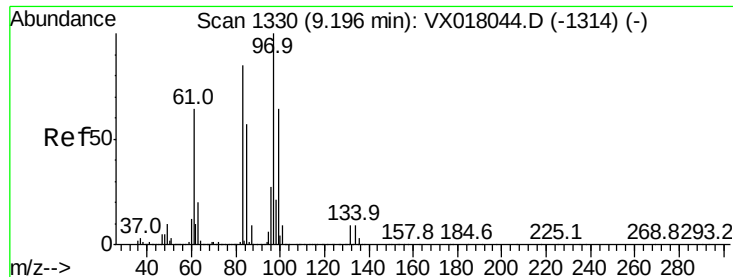


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 52.084 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 243719

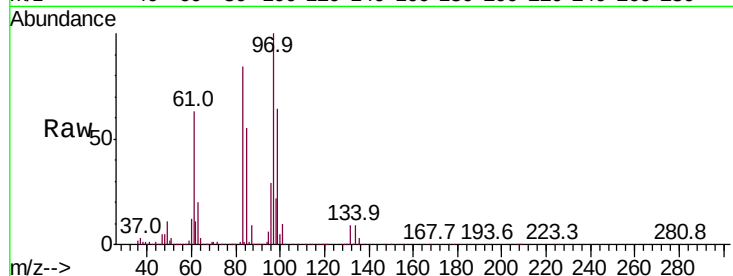
Ion Ratio Lower Upper

97 100

83 84.0 67.8 101.6

85 55.2 45.3 67.9

99 64.1 50.9 76.3

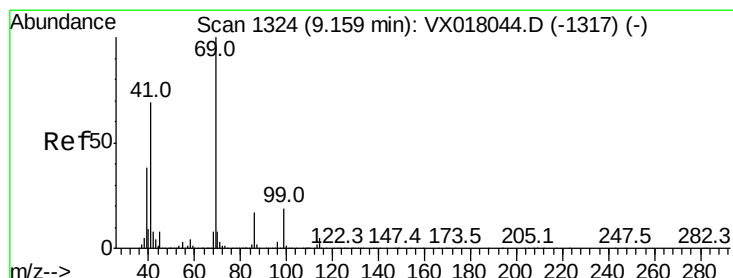
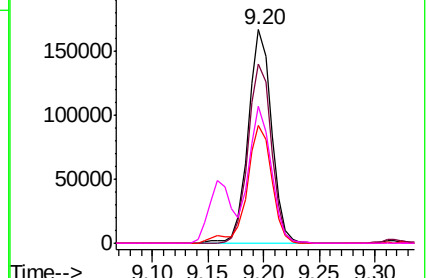
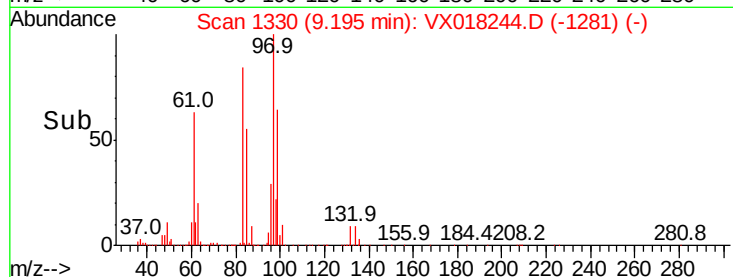


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.103 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

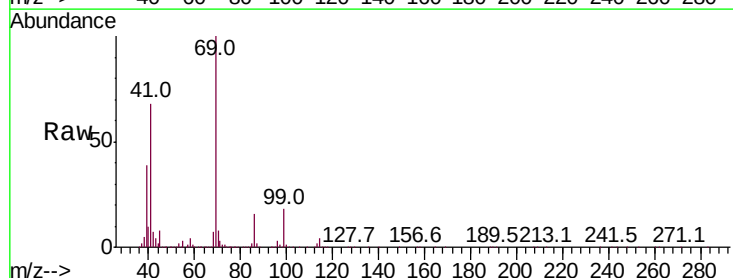
Tgt Ion: 69 Resp: 369403

Ion Ratio Lower Upper

69 100

41 66.9 54.6 81.8

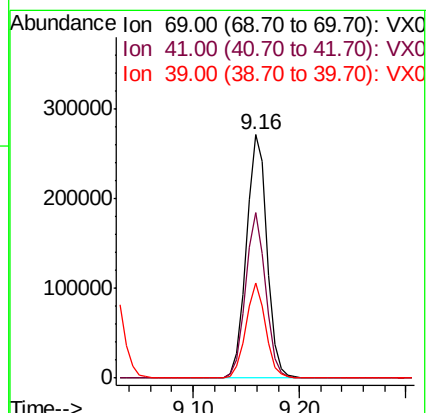
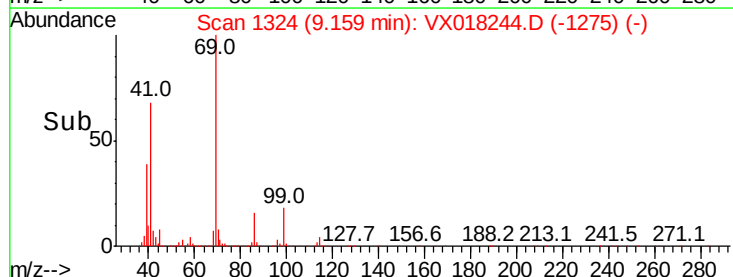
39 37.4 29.1 43.7

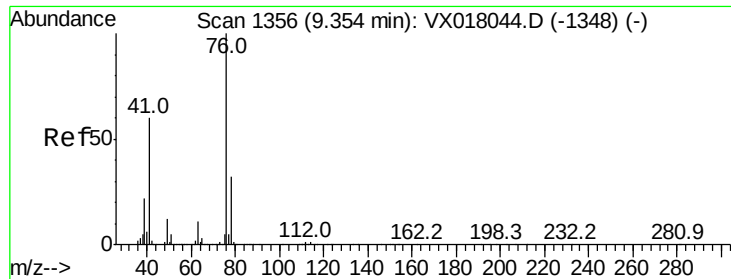


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.708 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

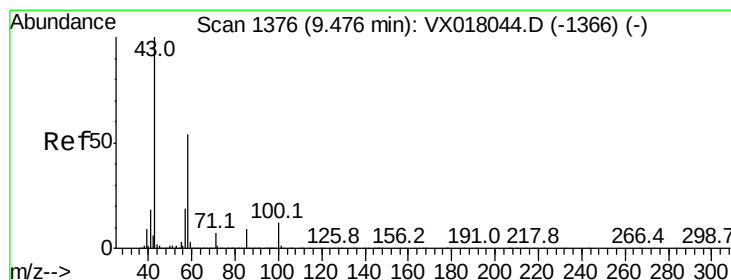
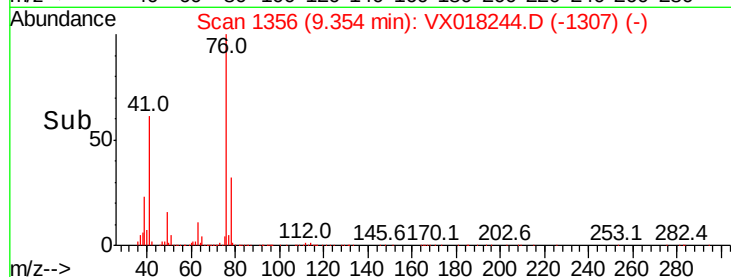
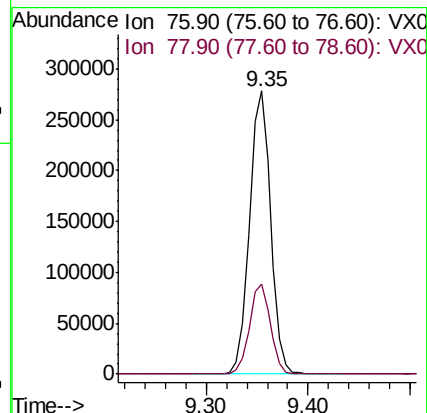
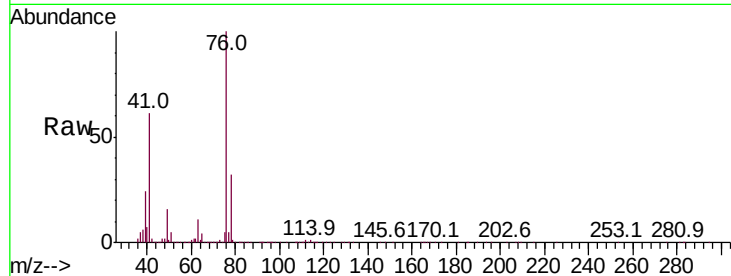
ClientSampleId :

Tot Ion: 76 Resp: 399079

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#59

2-Hexanone

Concen: 260.747 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018244.D

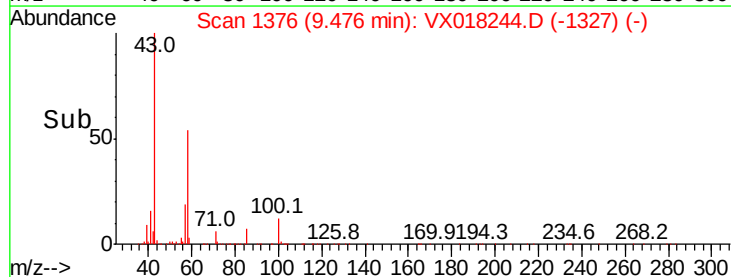
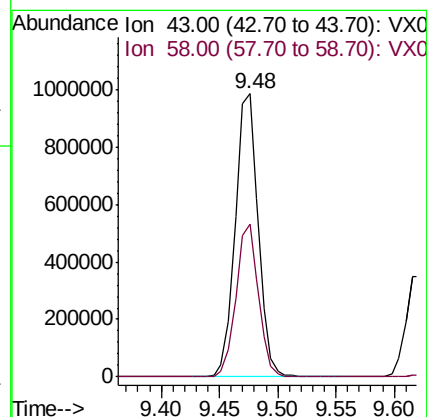
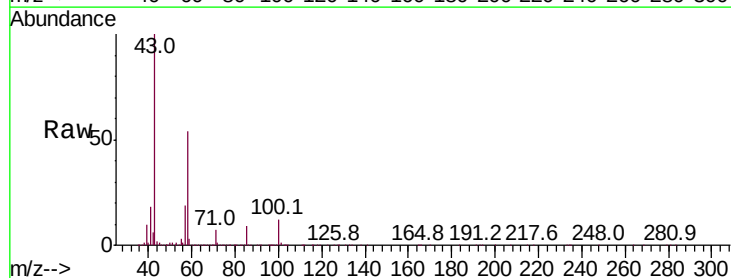
Acq: 03 Sep 2020 18:46

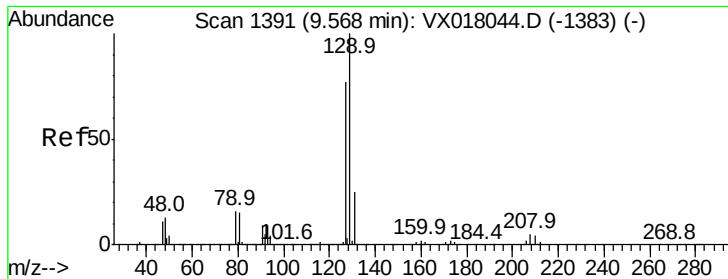
Tgt Ion: 43 Resp: 1352906

Ion Ratio Lower Upper

43 100

58 52.9 26.6 79.7





#60

Dibromochloromethane

Concen: 54.816 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

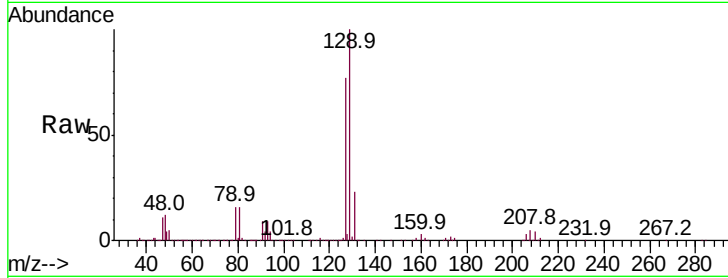
ClientSampleId :

Tot Ion:129 Resp: 300904

Ion Ratio Lower Upper

129 100

127 78.1 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

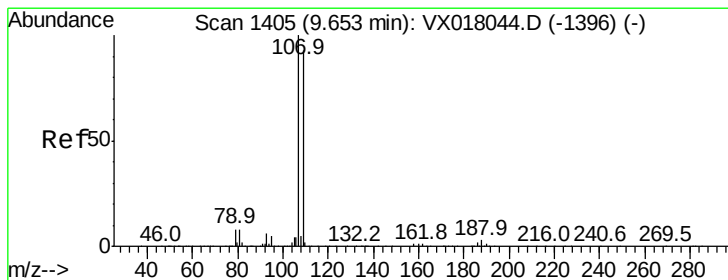
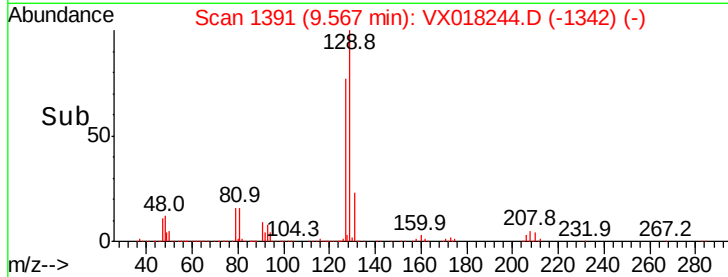
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.473 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018244.D

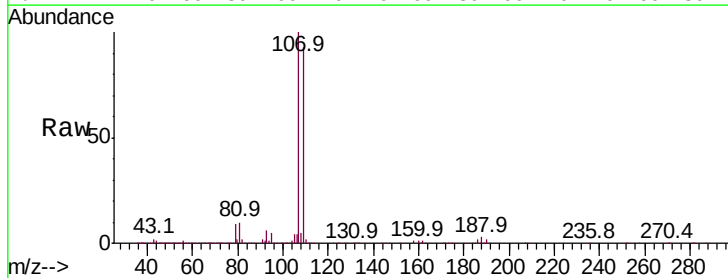
Acq: 03 Sep 2020 18:46

Tgt Ion:107 Resp: 266577

Ion Ratio Lower Upper

107 100

109 95.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

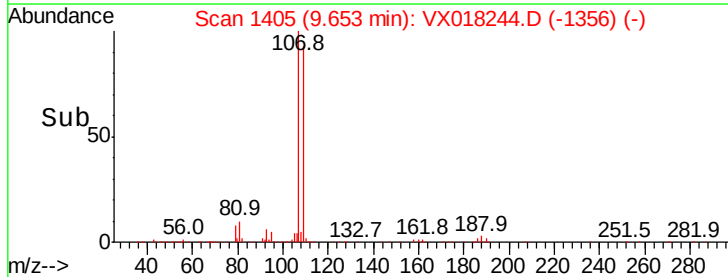
150000

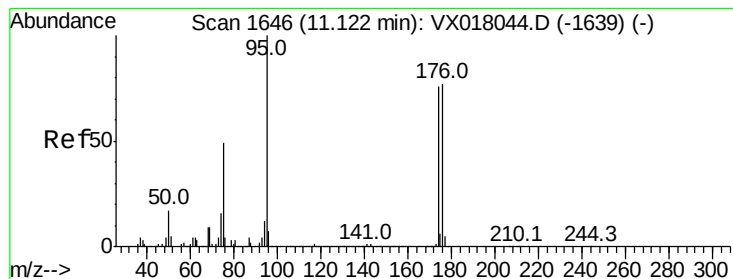
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.324 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

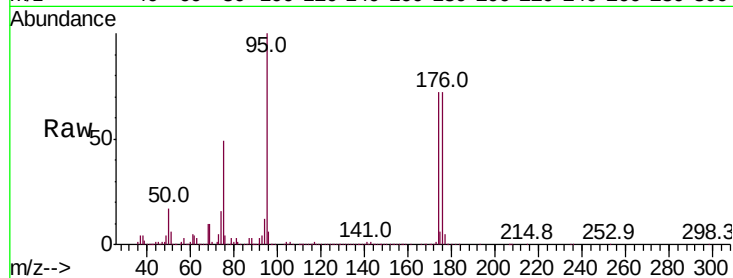
Tot Ion: 95 Resp: 333384

Ion Ratio Lower Upper

95 100

174 77.2 0.0 160.2

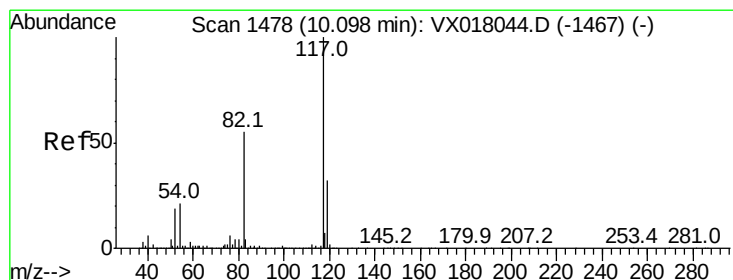
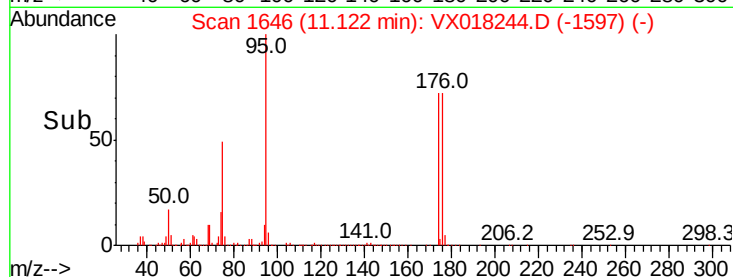
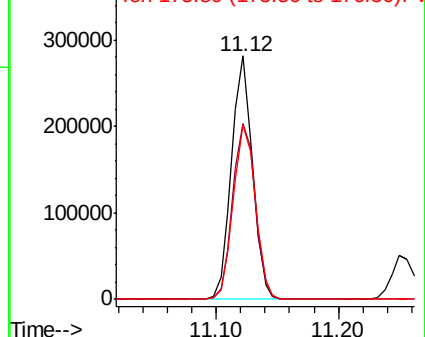
176 75.4 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

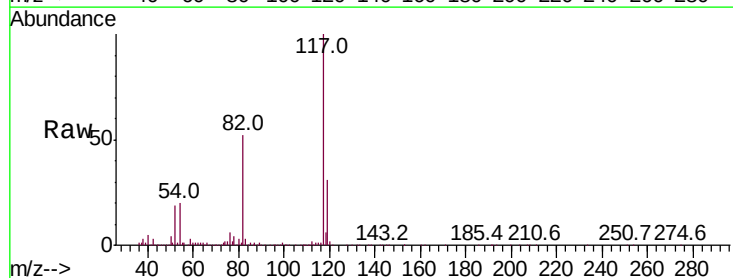
Tgt Ion: 117 Resp: 630167

Ion Ratio Lower Upper

117 100

82 52.2 44.2 66.2

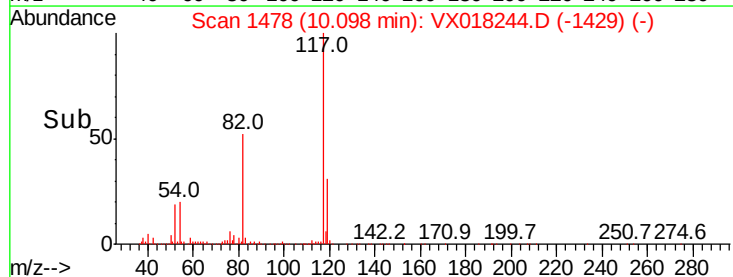
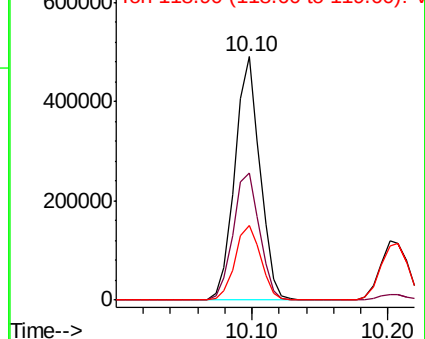
119 30.6 25.7 38.5

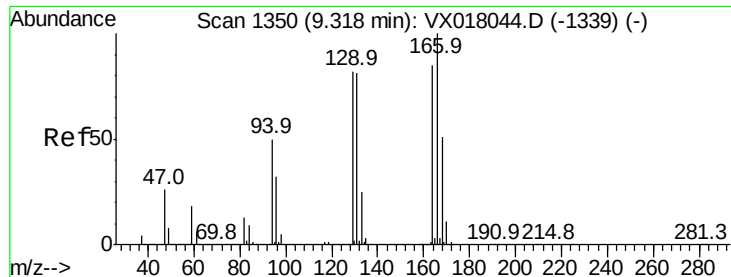


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)





#64

Tetrachloroethene

Concen: 47.846 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 221569

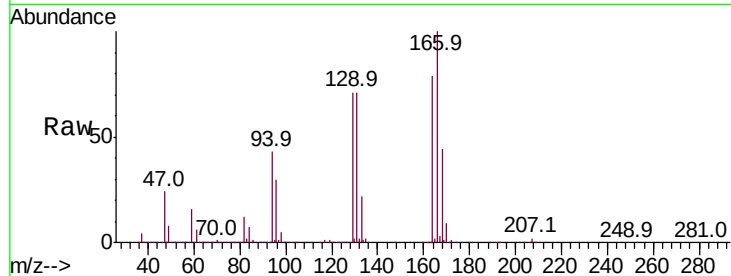
Ion Ratio Lower Upper

164 100

166 126.4 94.2 141.2

129 89.2 76.9 115.3

131 89.9 76.1 114.1



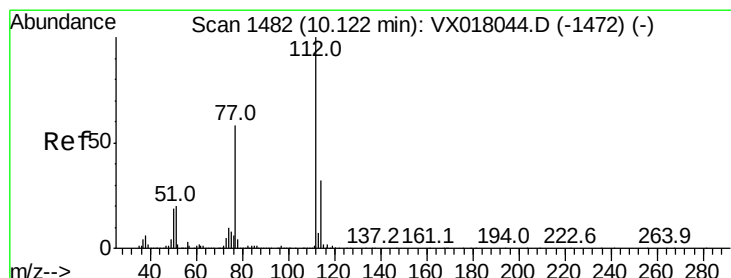
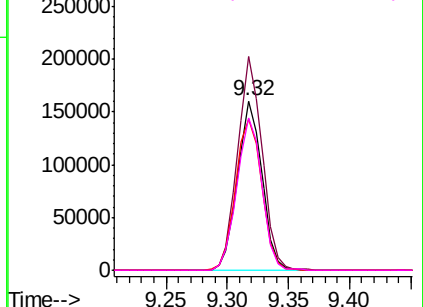
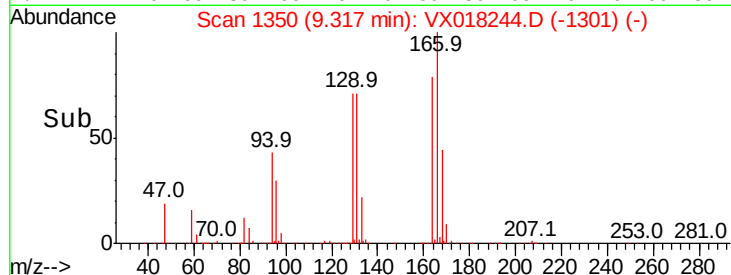
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.178 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018244.D

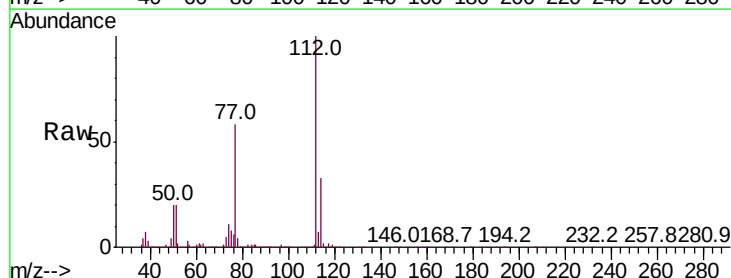
Acq: 03 Sep 2020 18:46

Tgt Ion:112 Resp: 631529

Ion Ratio Lower Upper

112 100

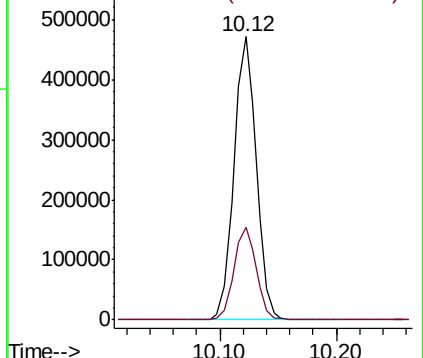
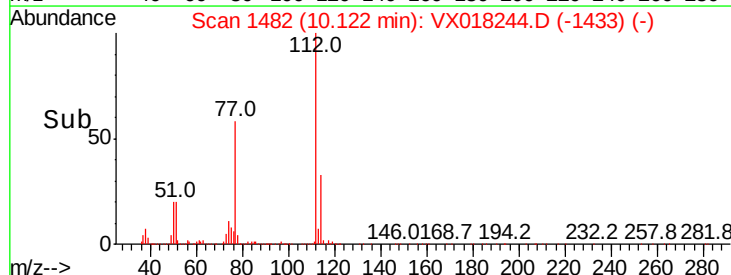
114 32.6 25.7 38.5

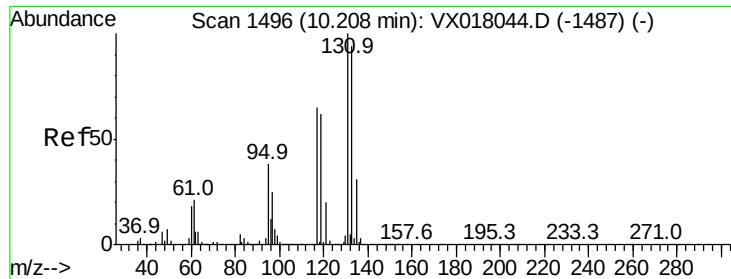


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

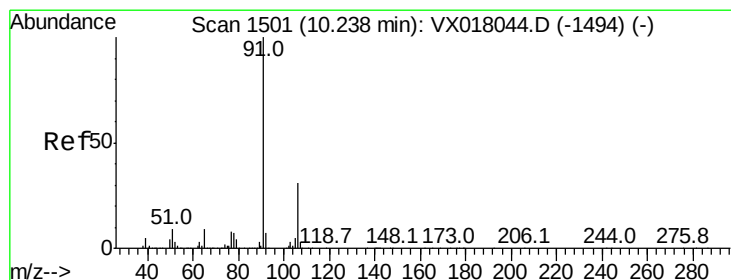
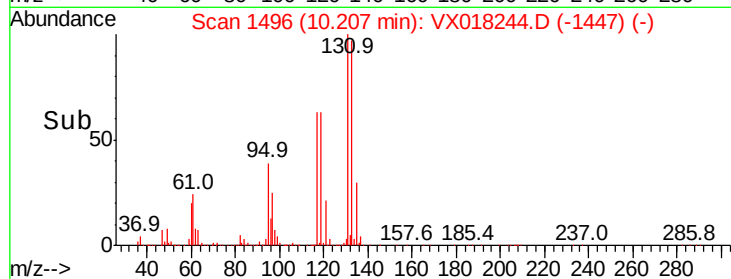
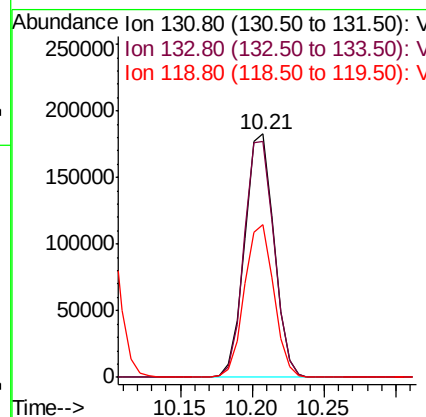
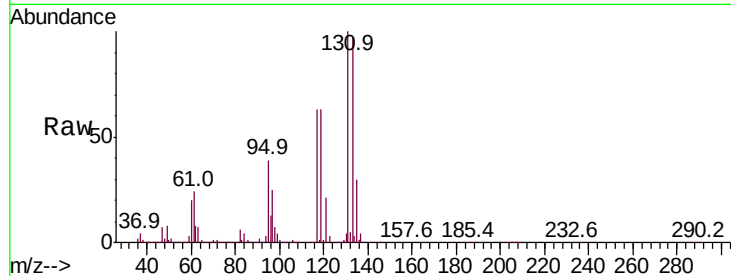




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.051 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

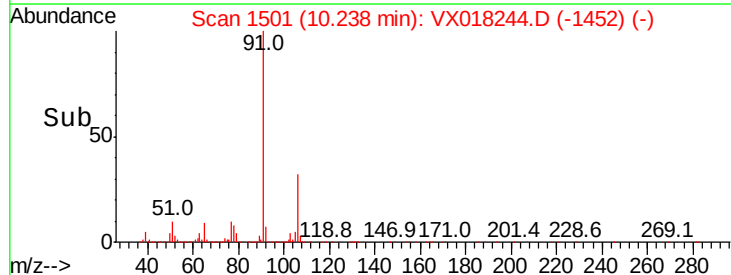
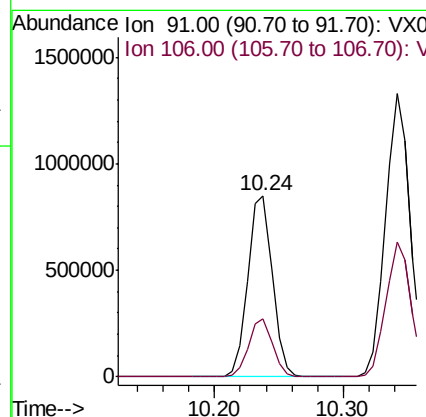
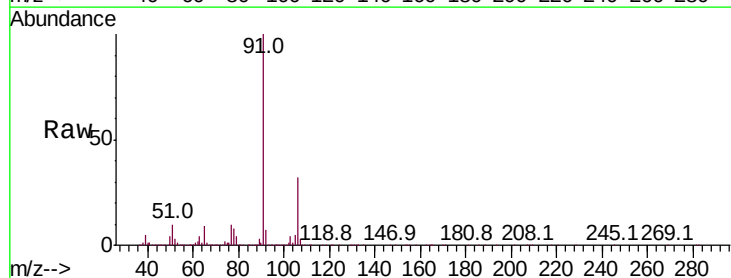
Instrument :
 MSVOA_X
 ClientSampled :

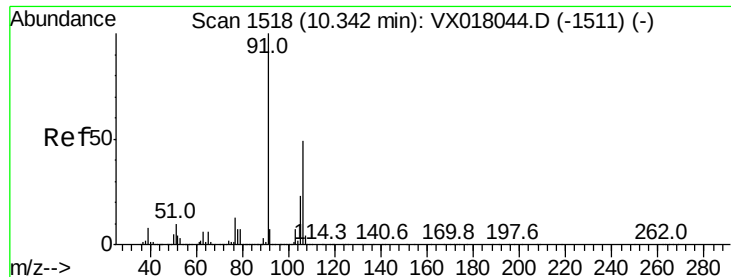
Tot Ion:131 Resp: 258197
 Ion Ratio Lower Upper
 131 100
 133 98.8 46.7 140.1
 119 62.7 31.8 95.4



#67
 Ethyl Benzene
 Concen: 52.061 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion: 91 Resp: 1114293
 Ion Ratio Lower Upper
 91 100
 106 31.9 24.9 37.3





#68

m/p-Xylenes

Concen: 106.112 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

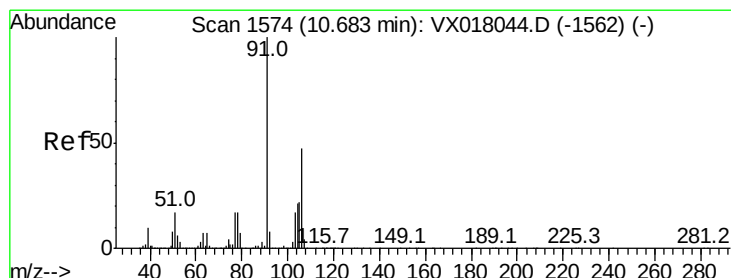
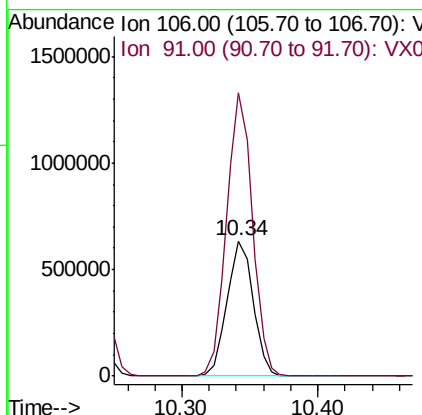
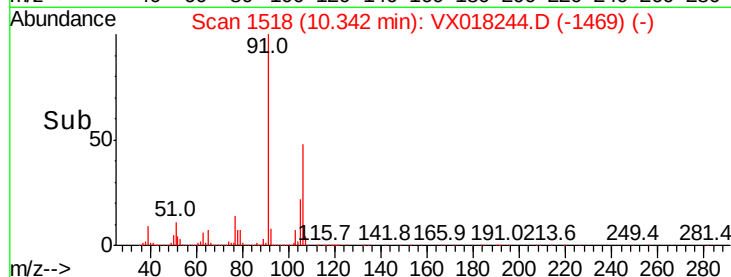
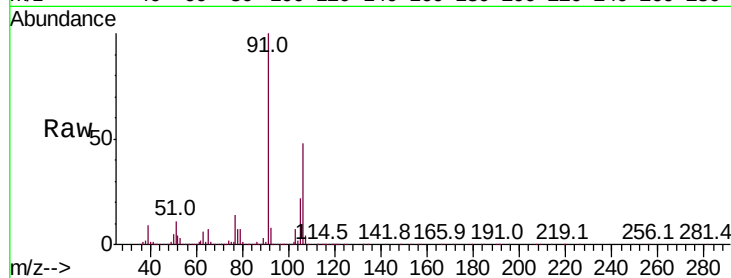
ClientSampleId :

Tot Ion:106 Resp: 847705

Ion Ratio Lower Upper

106 100

91 207.1 162.2 243.2



#69

o-Xylene

Concen: 52.402 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018244.D

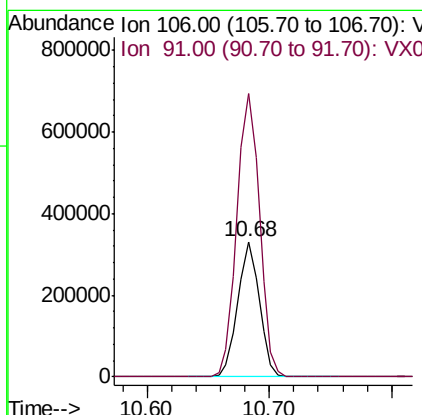
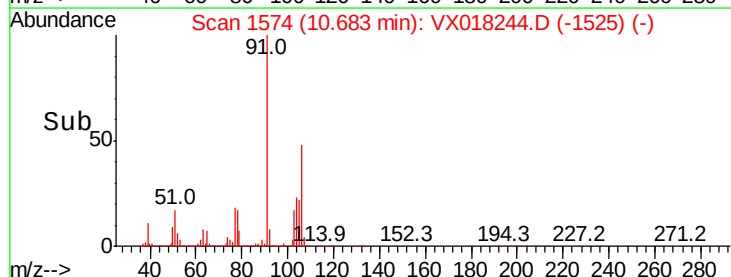
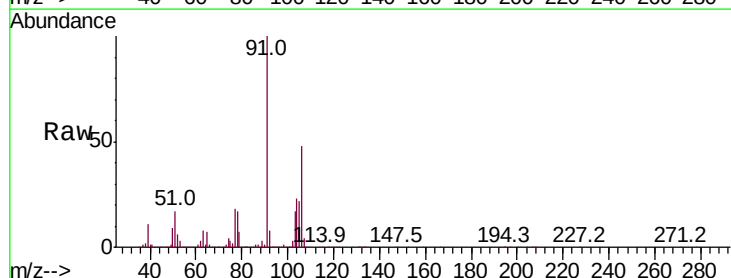
Acq: 03 Sep 2020 18:46

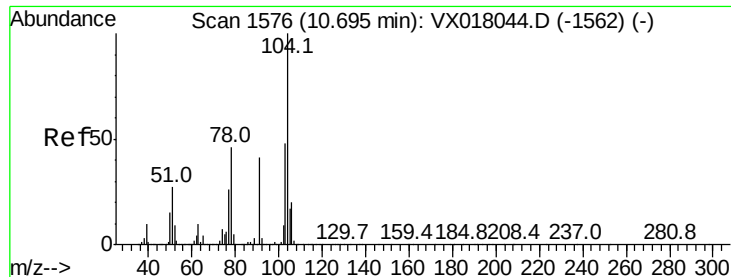
Tgt Ion:106 Resp: 405814

Ion Ratio Lower Upper

106 100

91 218.9 107.1 321.3





#70

Stvrene

Concen: 54.794 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

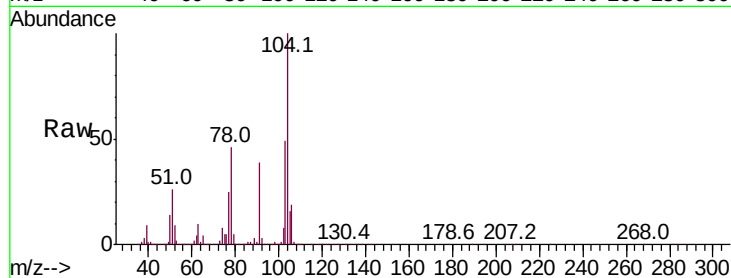
Tot Ion:104 Resp: 722635

Ion Ratio Lower Upper

104 100

78 52.5 40.9 61.3

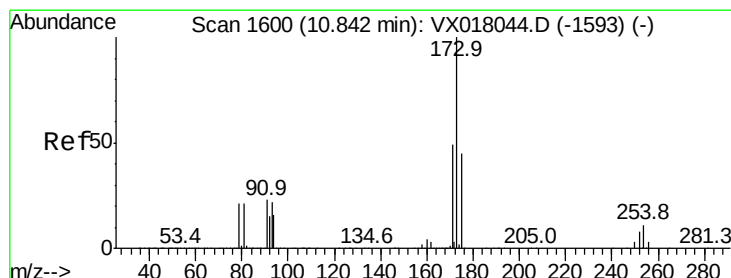
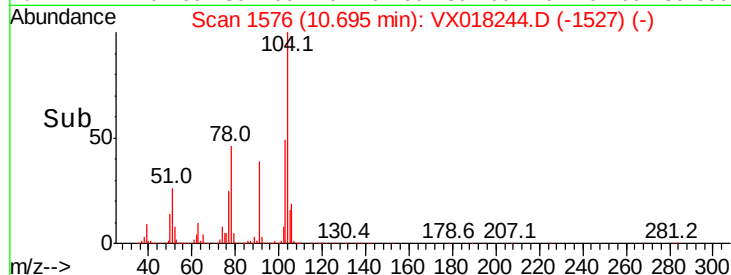
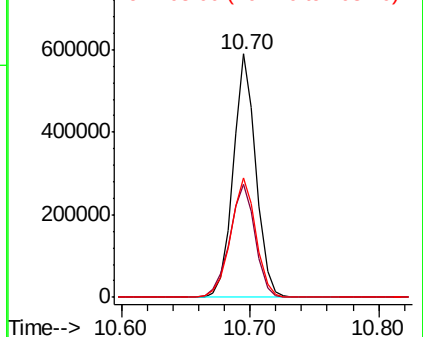
103 54.8 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.779 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

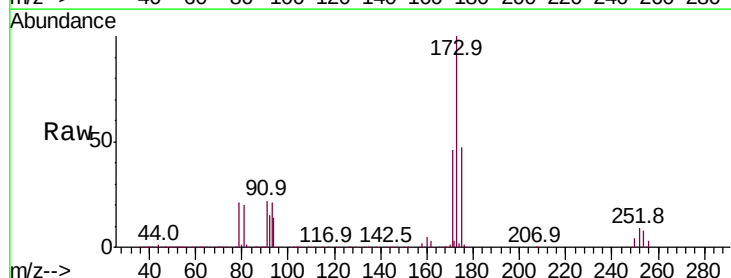
Tgt Ion:173 Resp: 231775

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

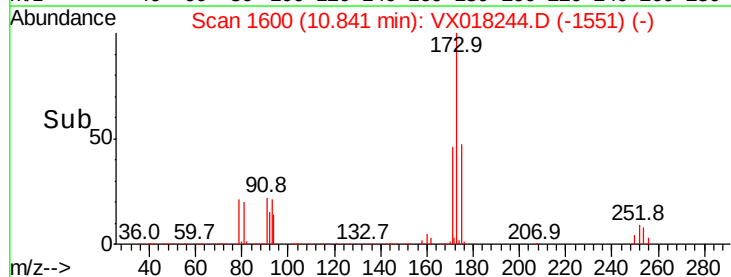
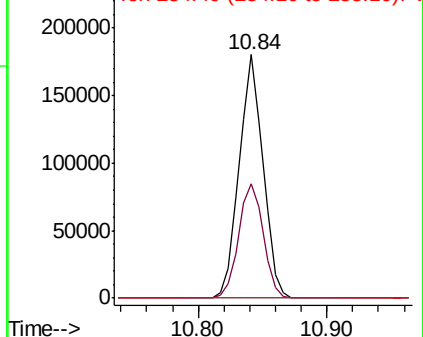
254 0.2 0.2 0.2

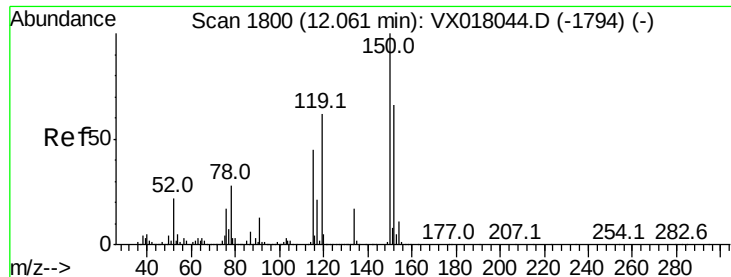


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

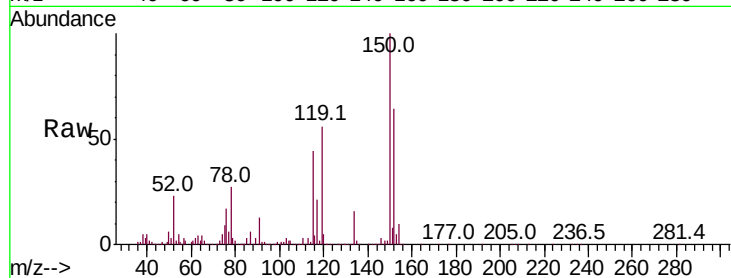
Tot Ion:152 Resp: 343308

Ion Ratio Lower Upper

152 100

115 82.8 41.5 124.5

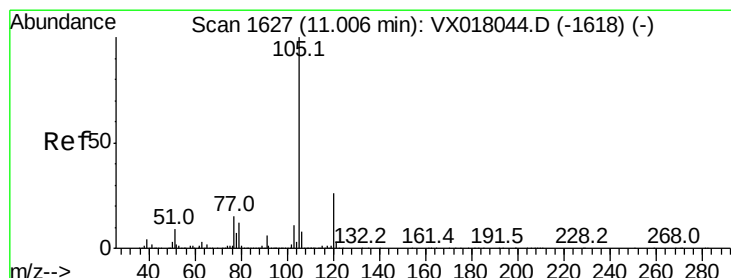
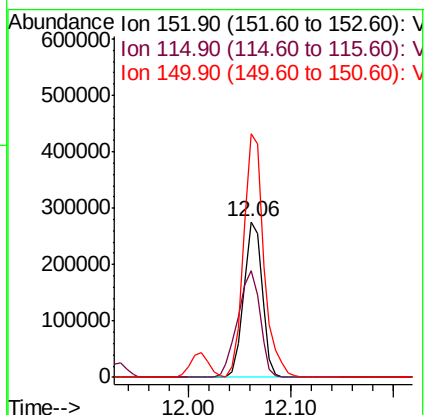
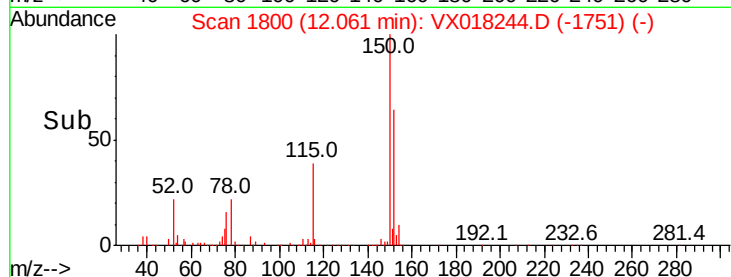
150 170.1 0.0 343.8



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: 49.340 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018244.D

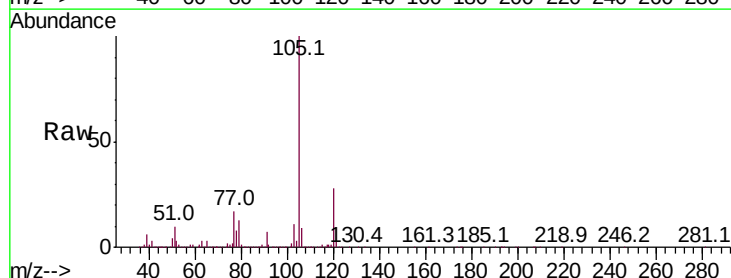
Acq: 03 Sep 2020 18:46

Tgt Ion:105 Resp: 1117309

Ion Ratio Lower Upper

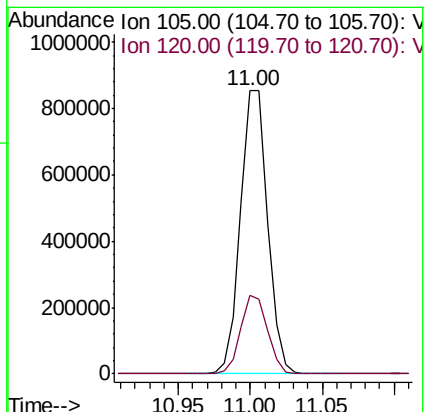
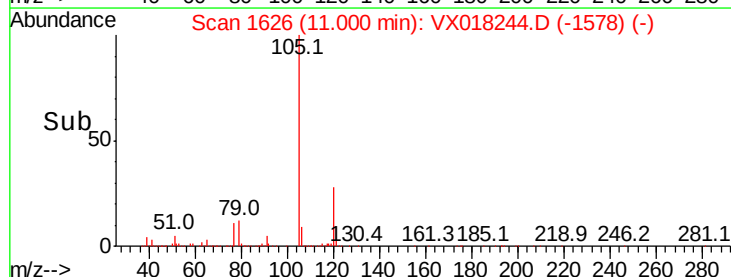
105 100

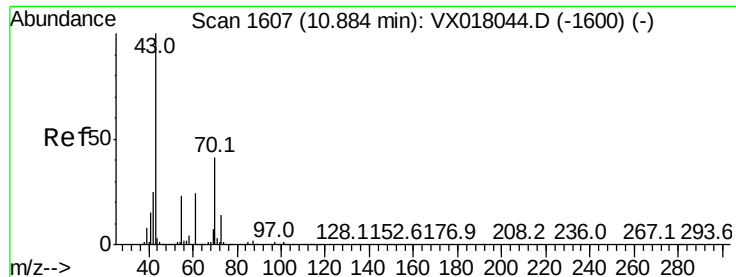
120 27.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.039 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 473162

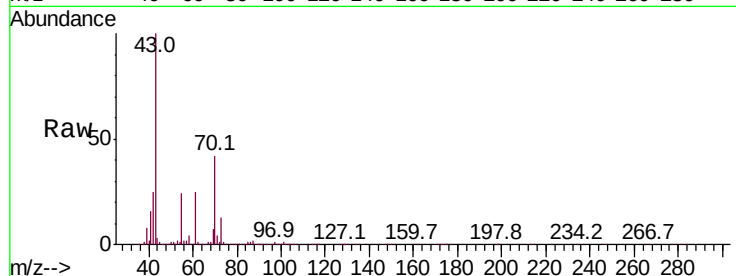
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 24.1 18.2 27.2

61 23.8 18.9 28.3

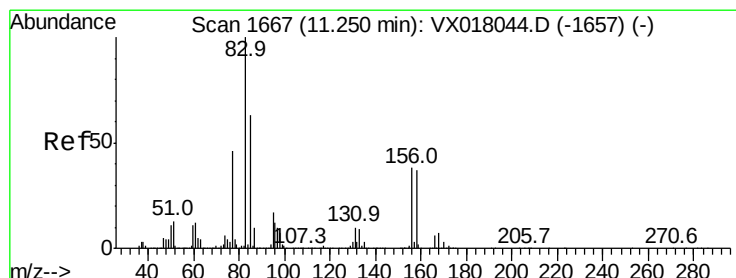
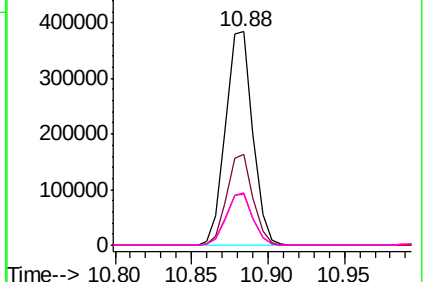
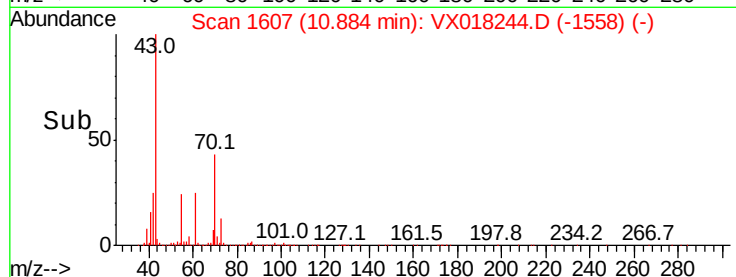


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.300 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

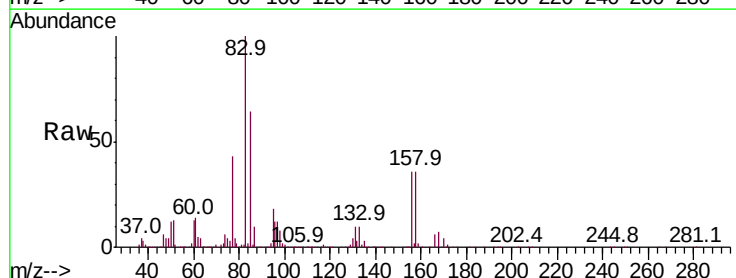
Tgt Ion: 83 Resp: 369860

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

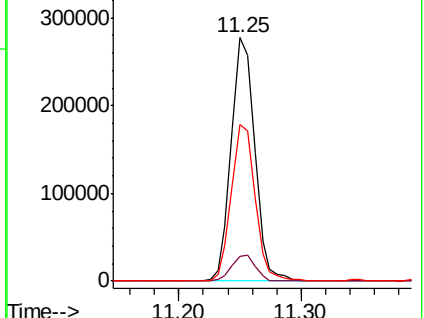
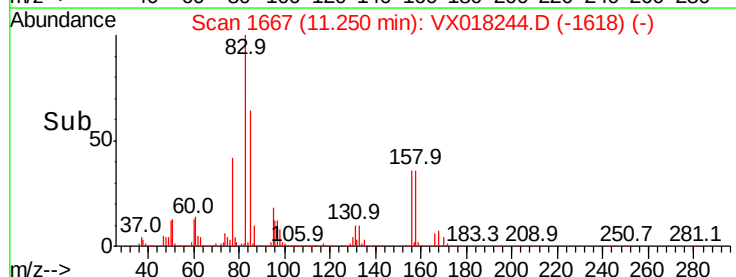
85 65.1 32.2 96.6

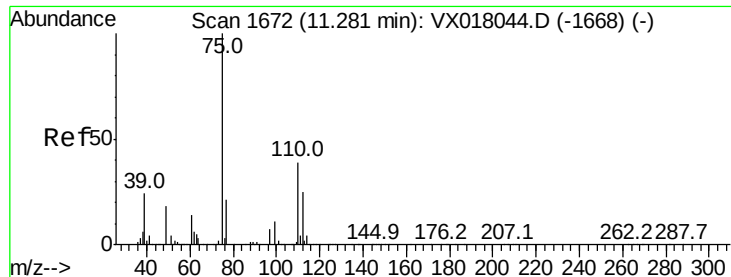


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 59.024 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

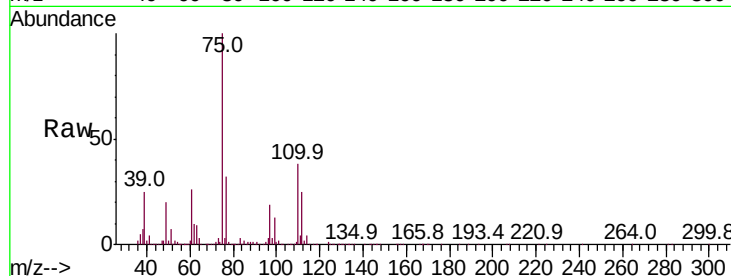
ClientSampled :

Tot Ion: 75 Resp: 450764

Ion Ratio Lower Upper

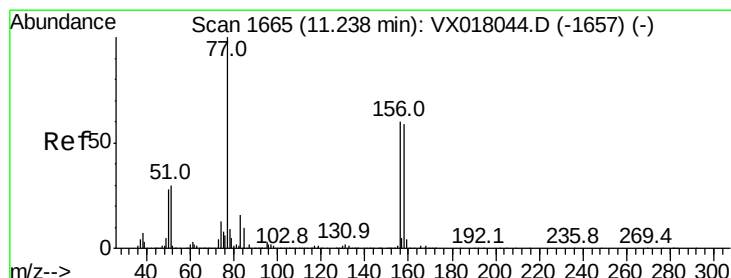
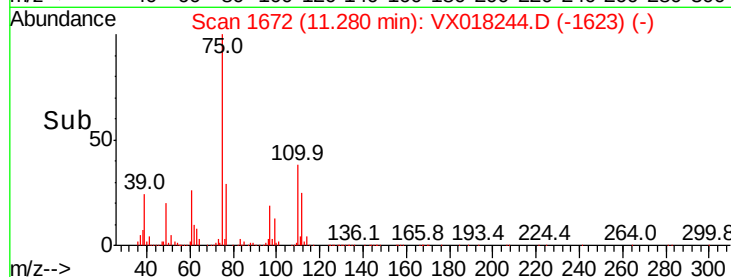
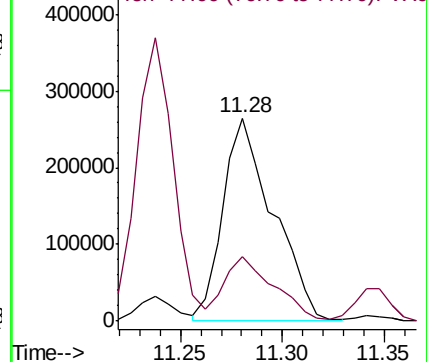
75 100

77 31.4 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 47.685 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

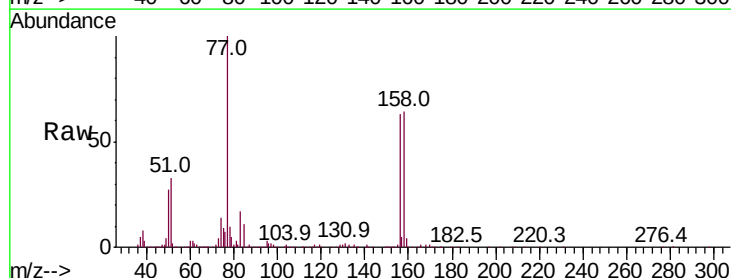
Tgt Ion: 156 Resp: 298485

Ion Ratio Lower Upper

156 100

77 155.9 80.0 240.2

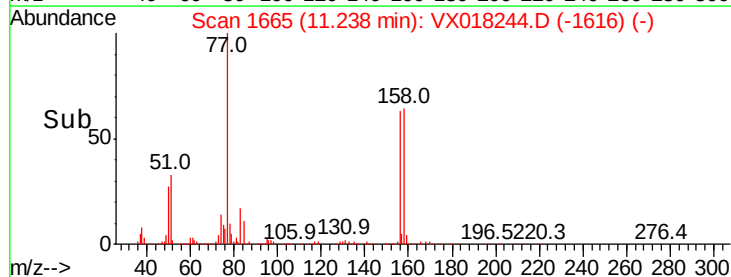
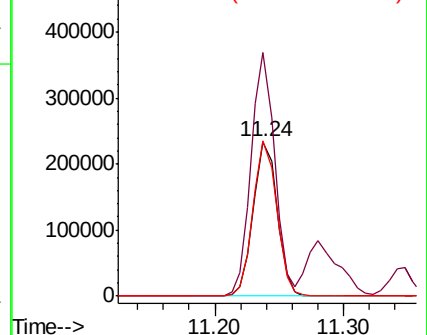
158 99.0 49.5 148.7

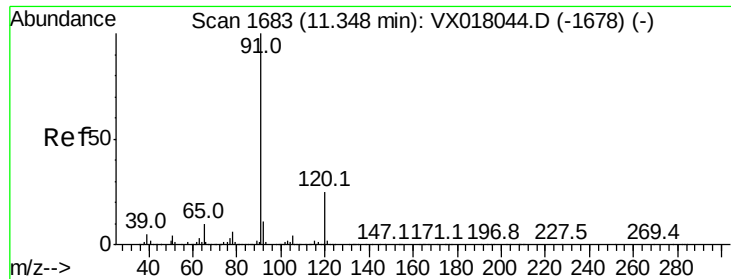


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.314 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

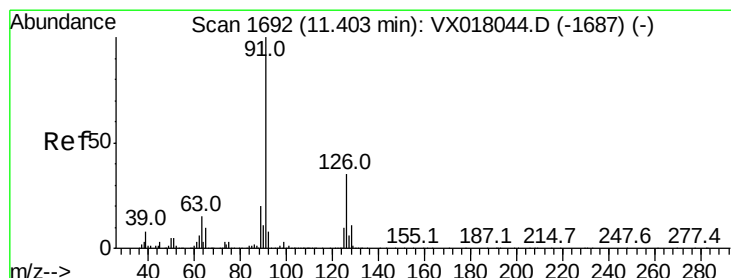
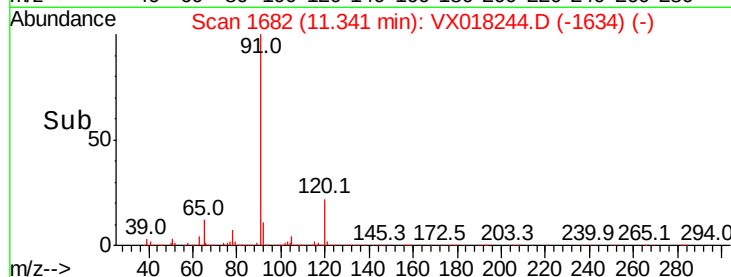
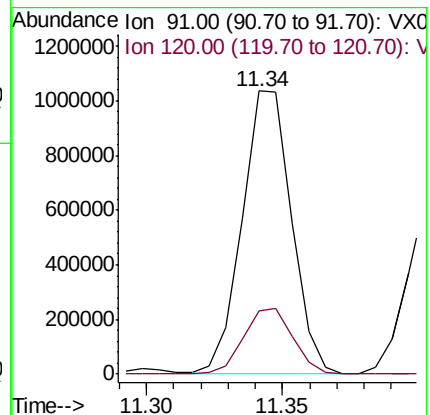
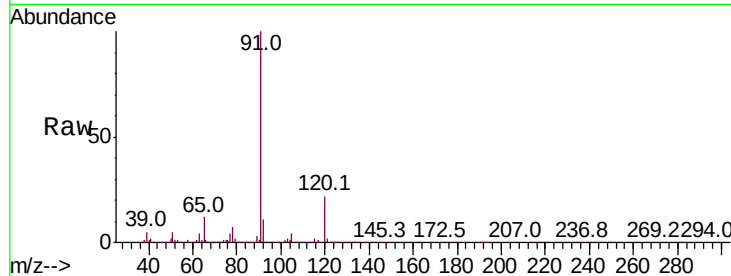
ClientSampleId :

Tot Ion: 91 Resp: 1293689

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#79

2-Chlorotoluene

Concen: 50.299 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018244.D

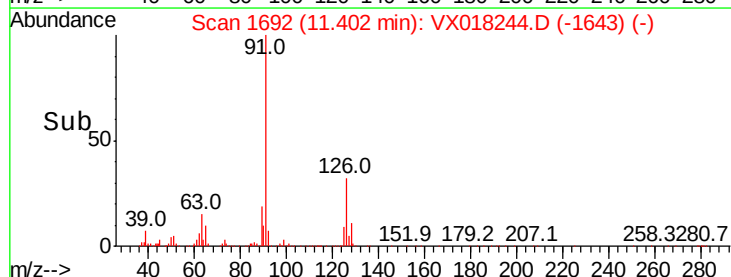
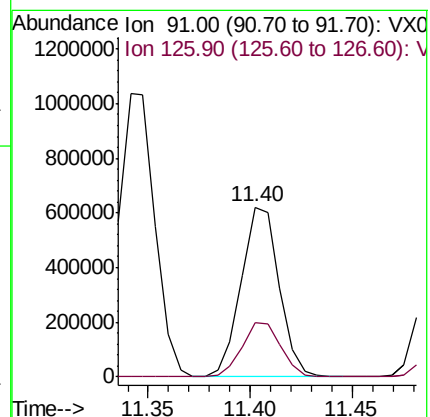
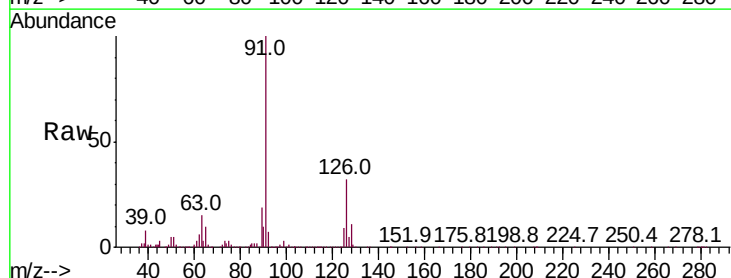
Acq: 03 Sep 2020 18:46

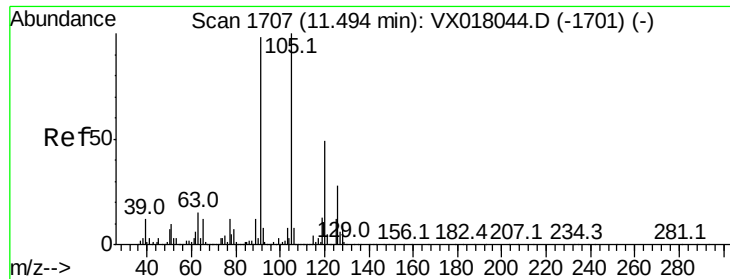
Tgt Ion: 91 Resp: 799031

Ion Ratio Lower Upper

91 100

126 32.9 17.4 52.2



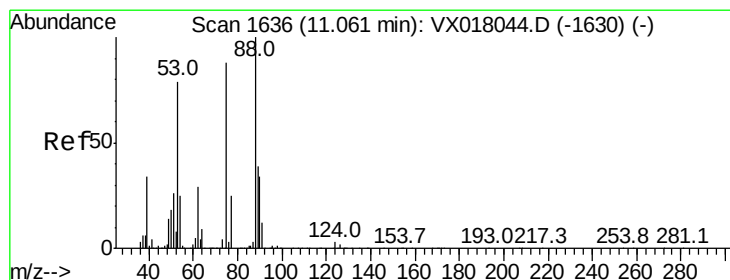
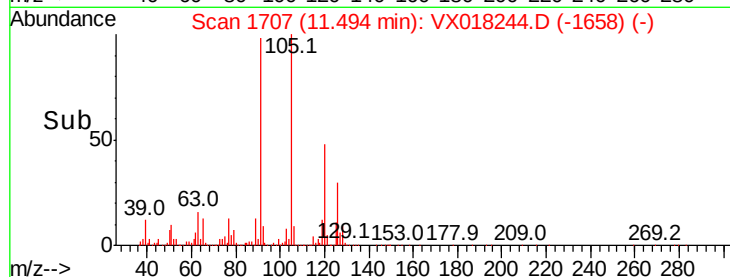
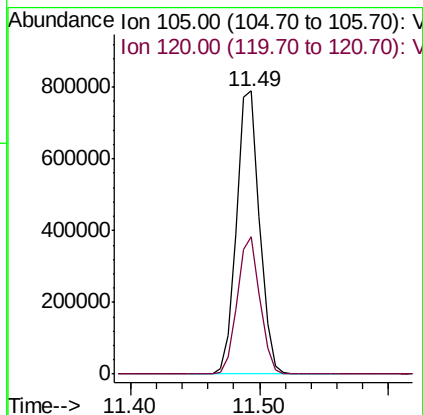
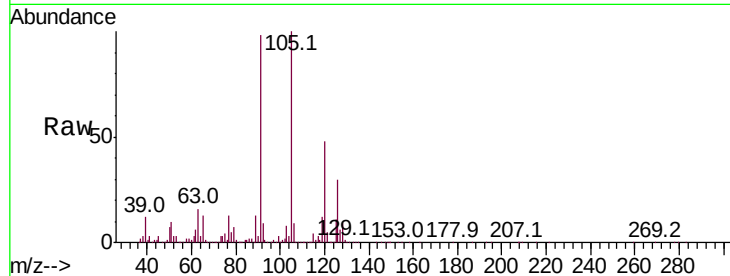


#80

1,3,5-Trimethylbenzene
Concen: 52.837 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Instrument :
MSVOA_X
ClientSampled :

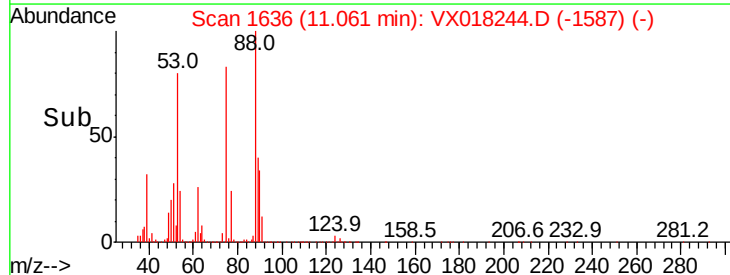
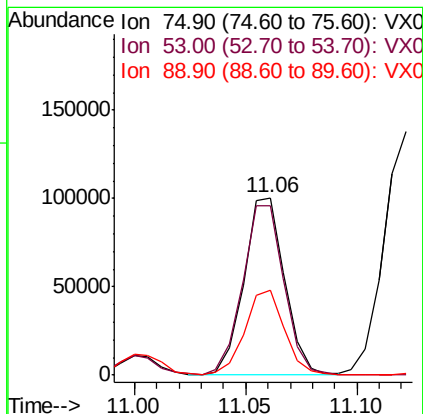
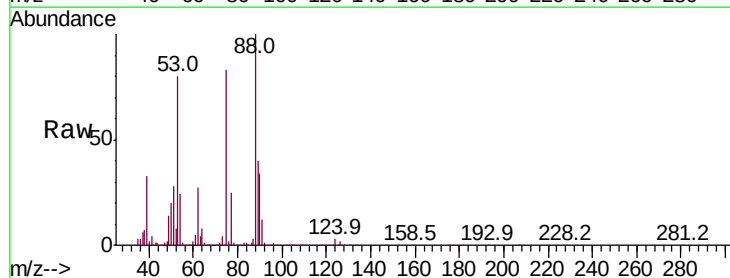
Tot Ion:105 Resp: 983212
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

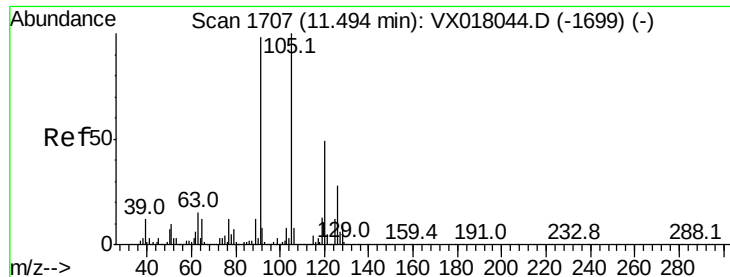


#81

trans-1,4-Dichloro-2-butene
Concen: 44.940 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018244.D
Acq: 03 Sep 2020 18:46

Tgt Ion: 75 Resp: 127074
Ion Ratio Lower Upper
75 100
53 98.0 74.7 112.1
89 46.7 36.6 54.8





#82

4-Chlorotoluene

Concen: 50.323 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

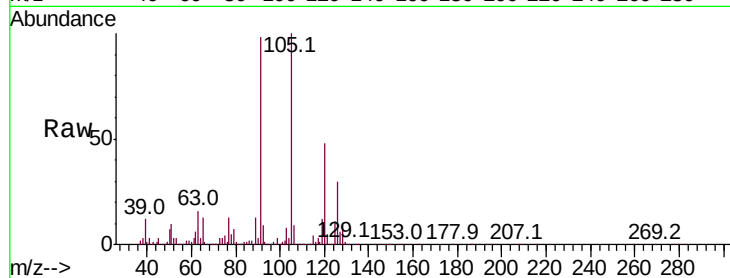
ClientSampled :

Tot Ion: 91 Resp: 950340

Ion Ratio Lower Upper

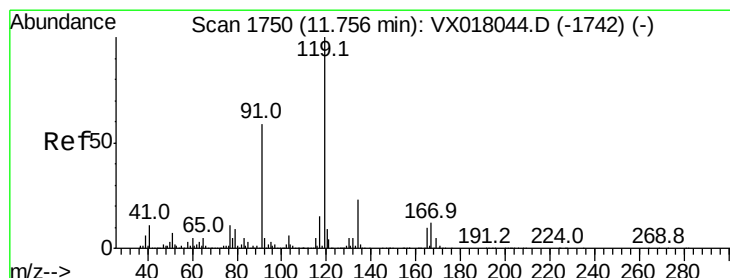
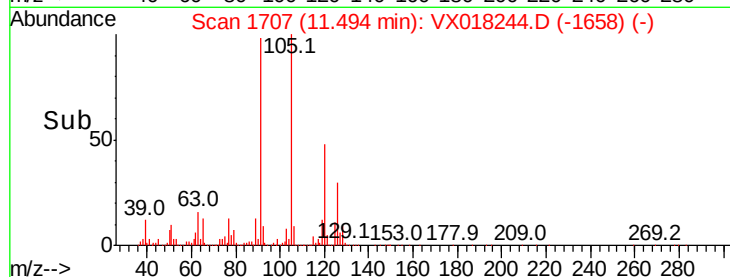
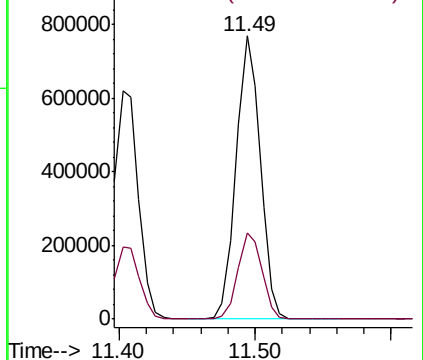
91 100

126 30.5 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 51.707 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

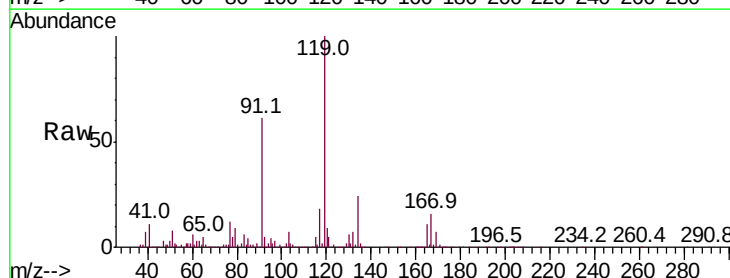
Tgt Ion: 119 Resp: 949553

Ion Ratio Lower Upper

119 100

91 58.7 28.2 84.7

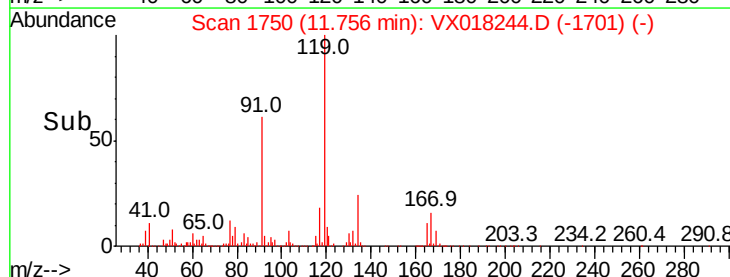
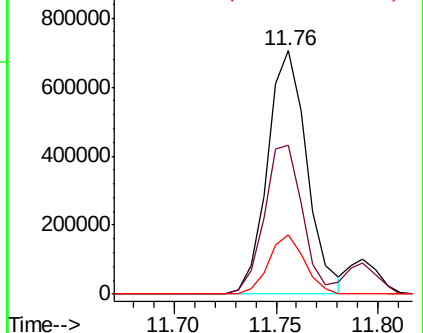
134 22.4 11.3 33.8

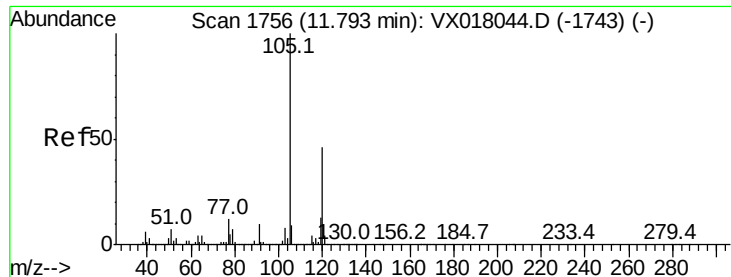


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 52.364 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

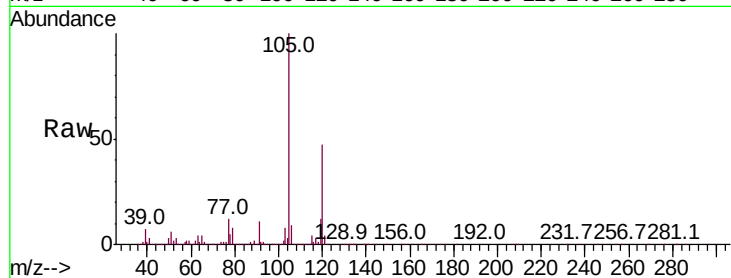
ClientSampleId :

Tot Ion:105 Resp: 996227

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

800000

600000

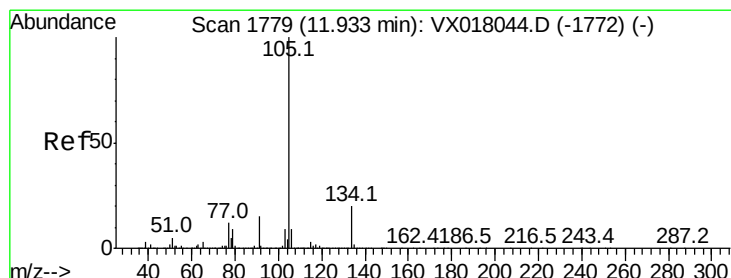
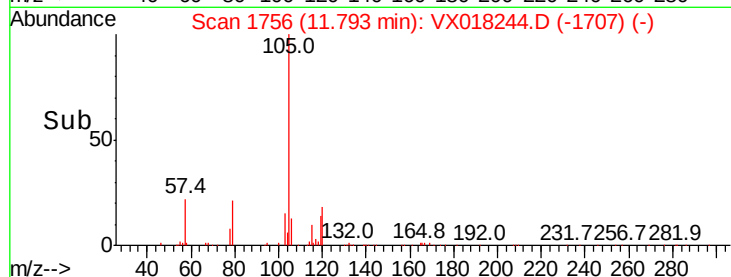
400000

200000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 51.832 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018244.D

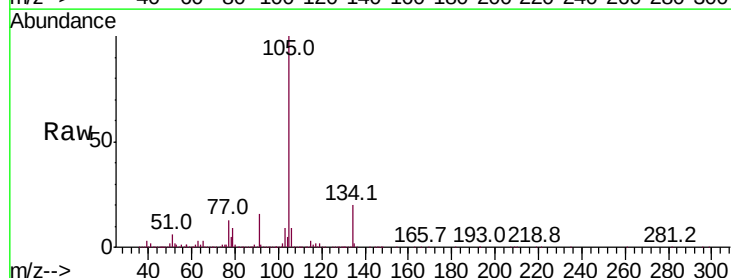
Acq: 03 Sep 2020 18:46

Tgt Ion:105 Resp: 1082440

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

1000000

800000

600000

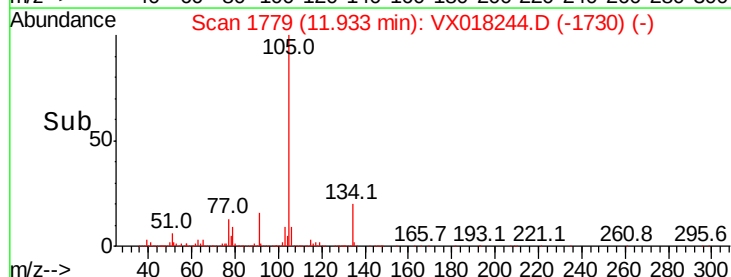
400000

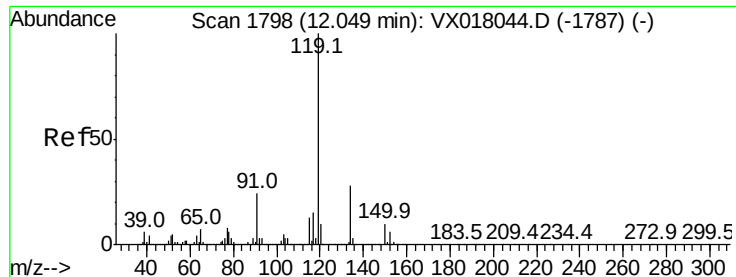
200000

0

11.85 11.90 11.95 12.00

Time-->

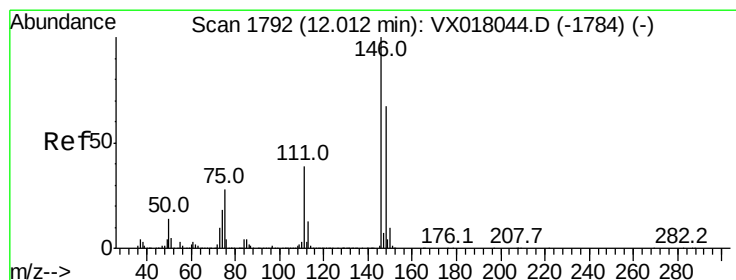
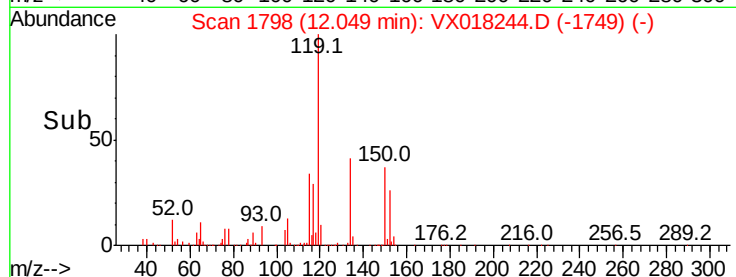
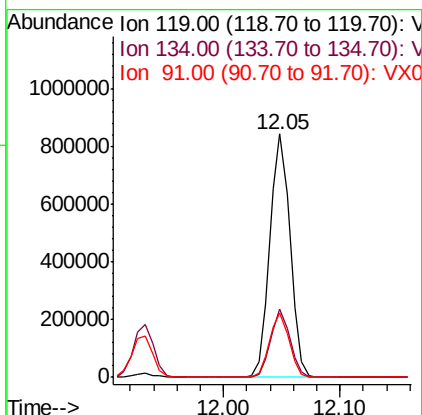
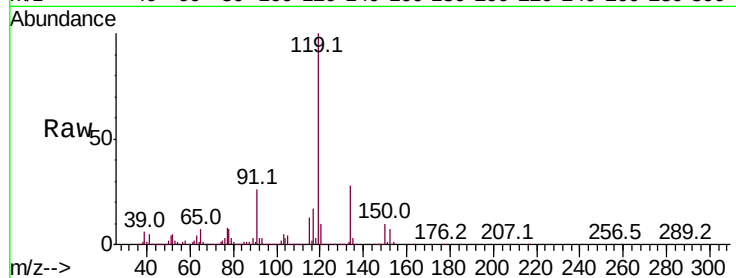




#86
 p-Isopropyltoluene
 Concen: 52.724 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

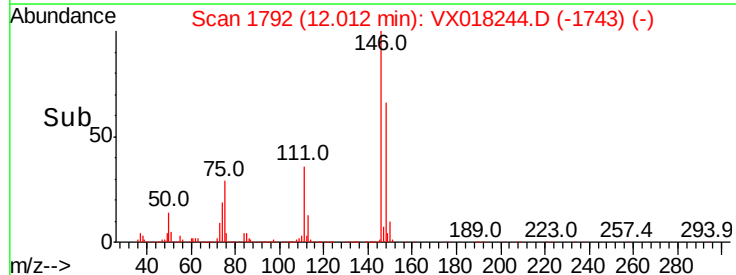
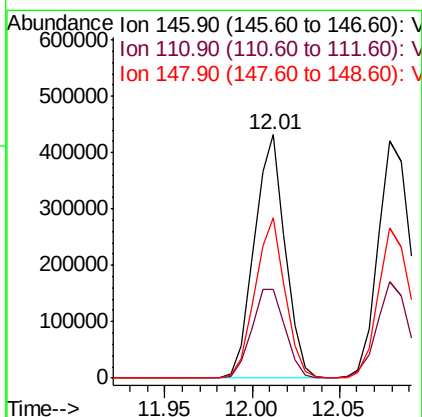
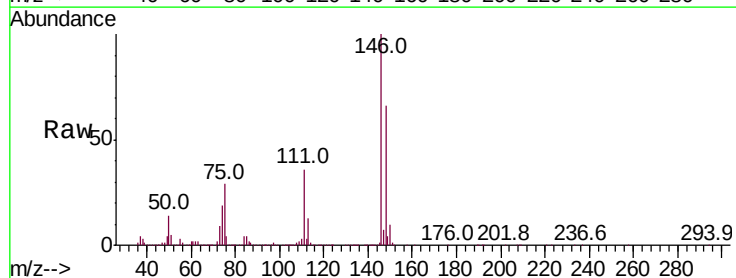
Instrument :
 MSVOA_X
 ClientSampled :

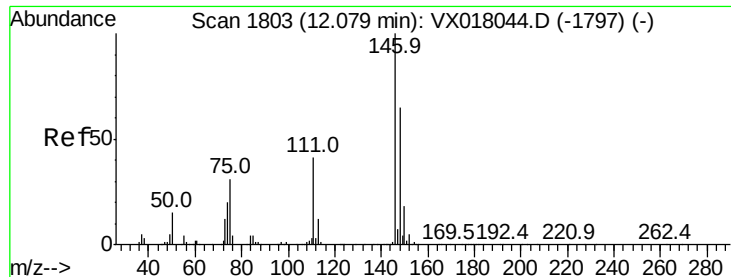
Tot Ion:119 Resp: 1011413
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 25.6 11.8 35.4



#87
 1,3-Dichlorobenzene
 Concen: 48.041 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion:146 Resp: 527975
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.8
 148 64.1 33.1 99.2

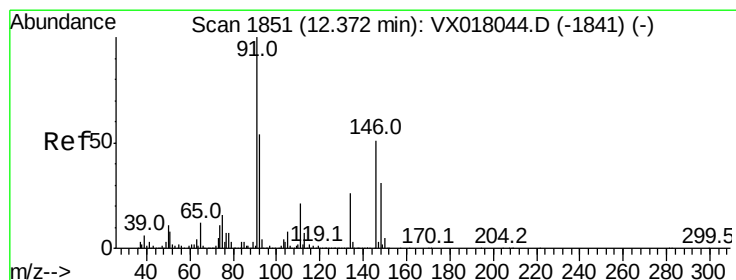
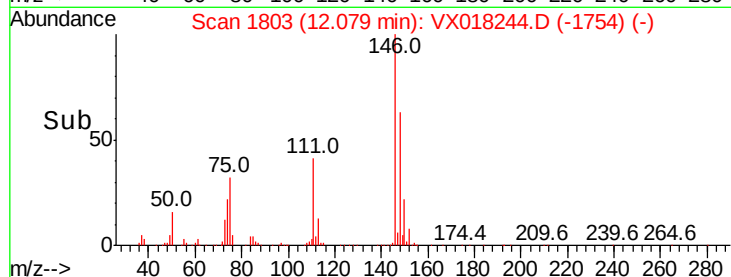
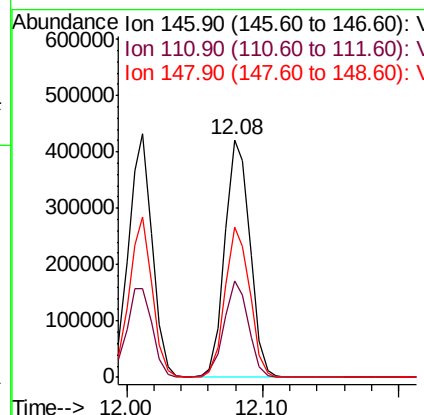
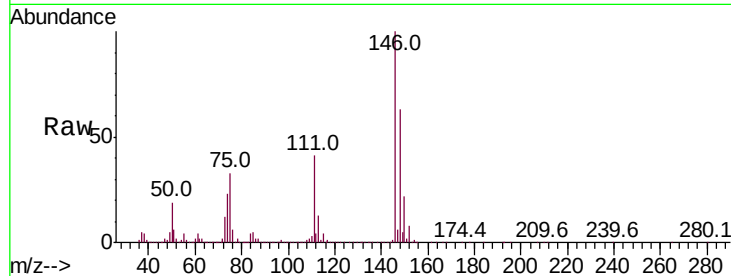




#88
 1,4-Dichlorobenzene
 Concen: 48.824 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

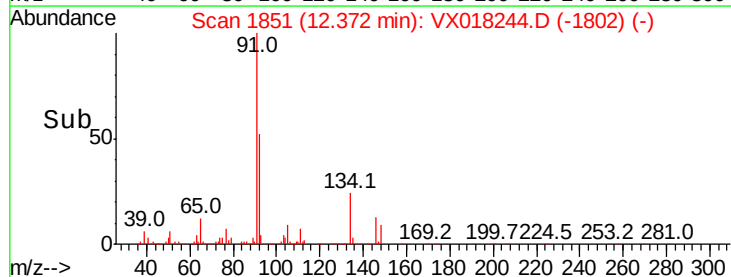
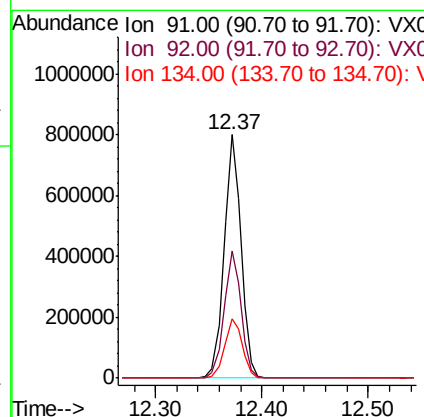
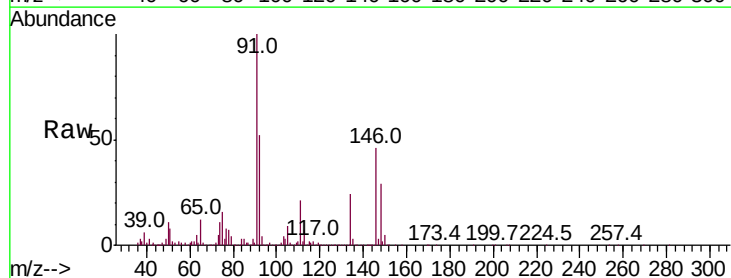
Instrument :
 MSVOA_X
 ClientSampled :

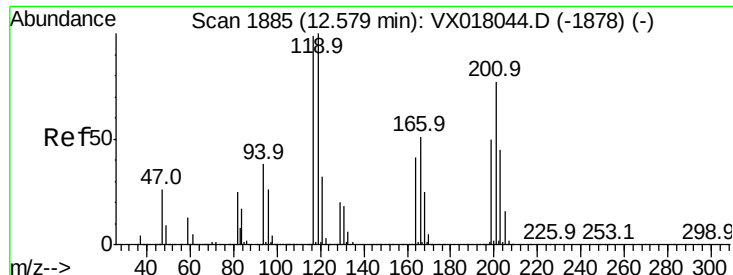
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	62.3	33.1	99.2



#89
 n-Butylbenzene
 Concen: 50.590 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	25.4	12.9	38.7





#90

Hexachloroethane

Concen: 52.080 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

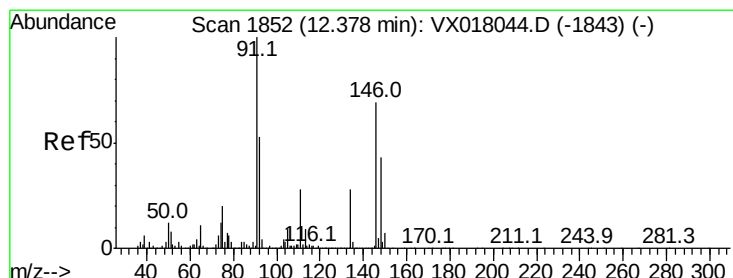
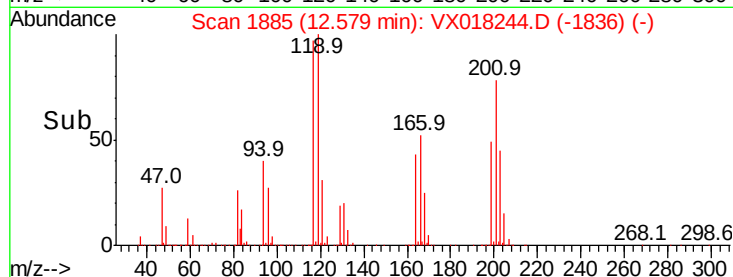
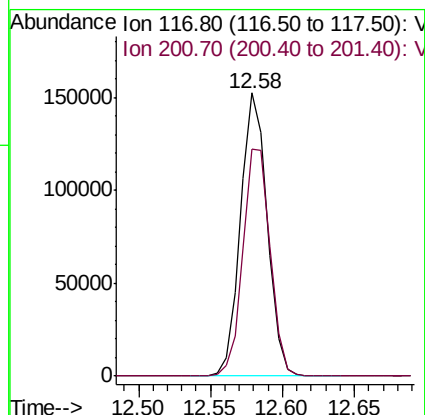
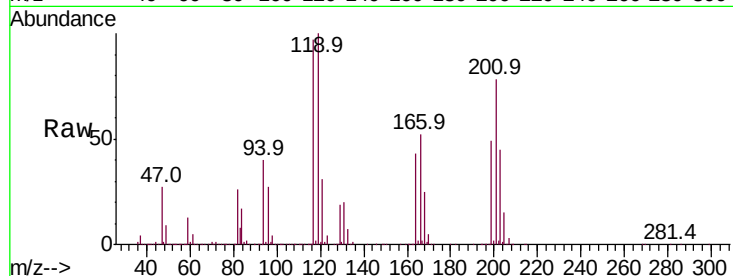
ClientSampleId :

Tot Ion:117 Resp: 196560

Ion Ratio Lower Upper

117 100

201 81.9 38.5 115.3



#91

1,2-Dichlorobenzene

Concen: 49.628 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

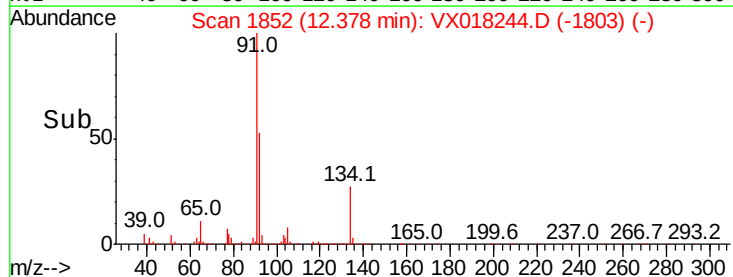
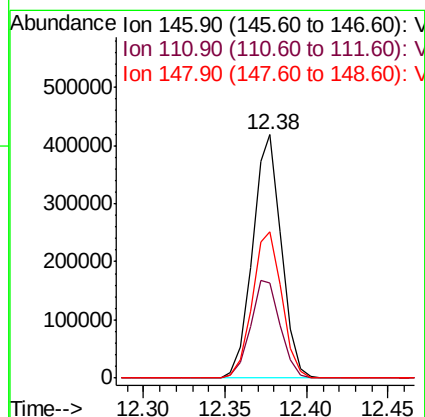
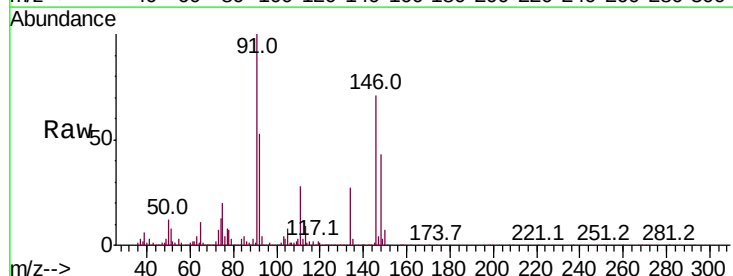
Tgt Ion:146 Resp: 513410

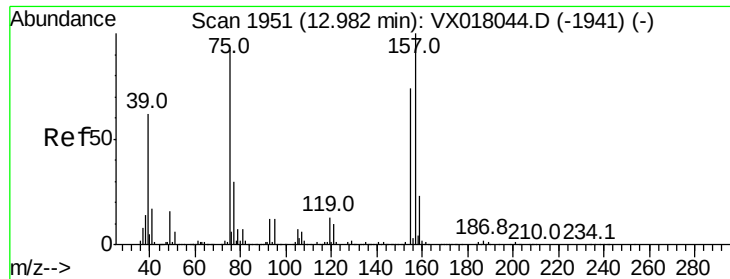
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 62.0 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.495 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

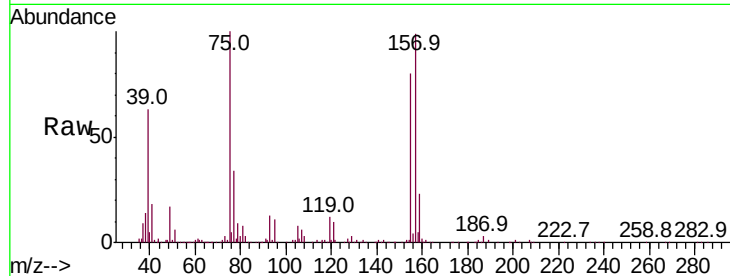
Tot Ion: 75 Resp: 94866

Ion Ratio Lower Upper

75 100

155 83.1 40.2 120.6

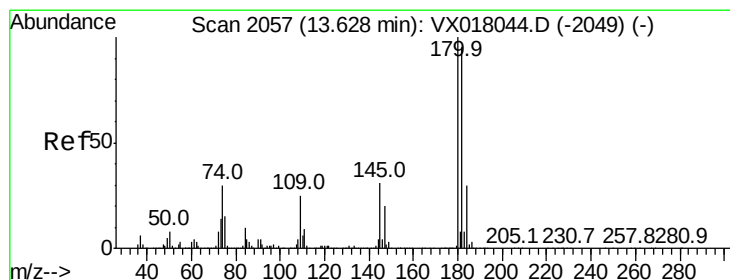
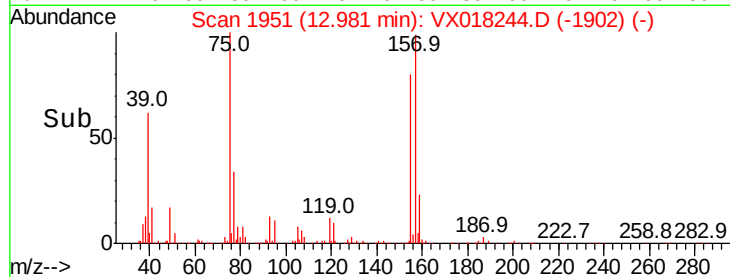
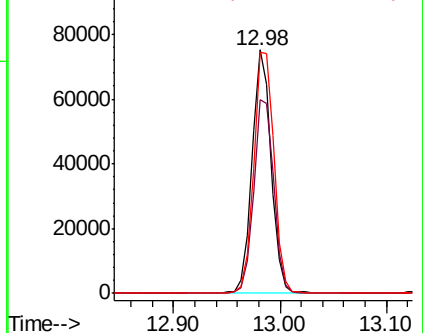
157 104.7 55.0 165.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.023 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

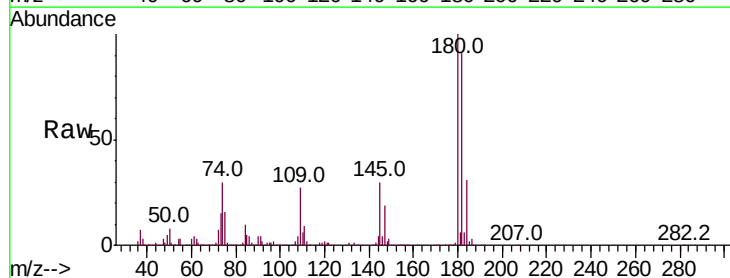
Tgt Ion:180 Resp: 331279

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.6

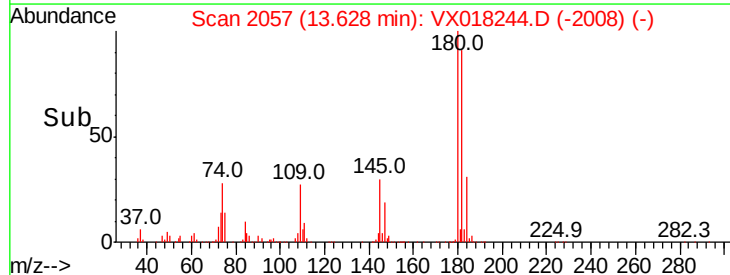
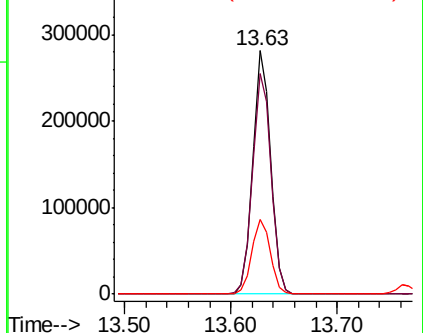
145 32.0 15.7 47.1

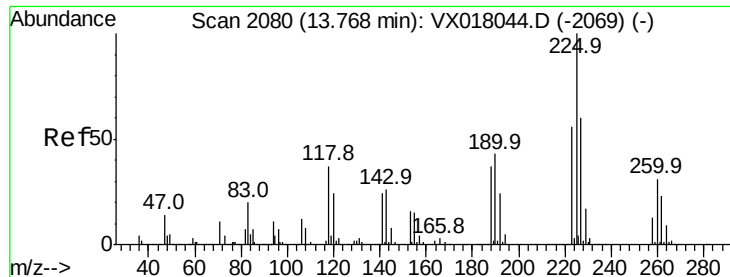


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 49.451 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

Instrument :

MSVOA_X

ClientSampled :

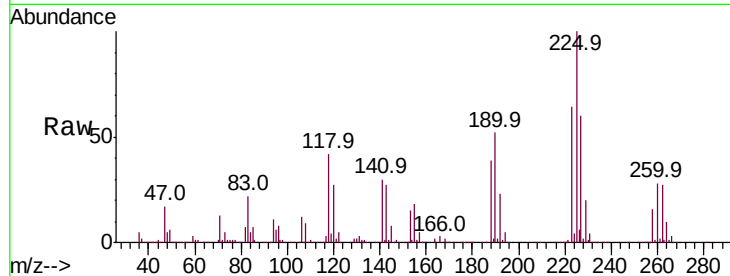
Tot Ion:225 Resp: 134553

Ion Ratio Lower Upper

225 100

223 65.4 30.7 92.1

227 65.1 32.6 97.8

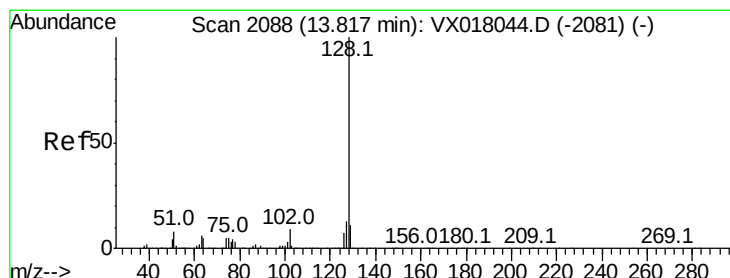
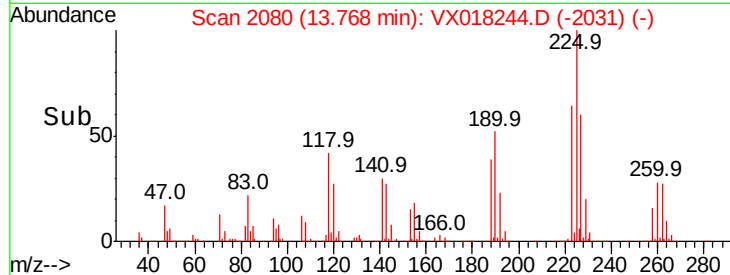
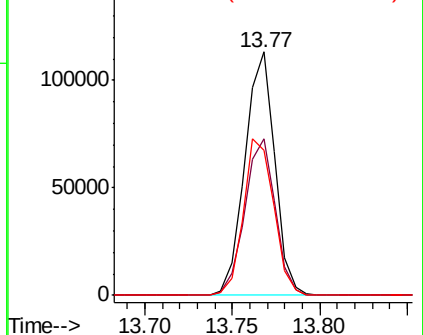


Abundance

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: 48.863 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018244.D

Acq: 03 Sep 2020 18:46

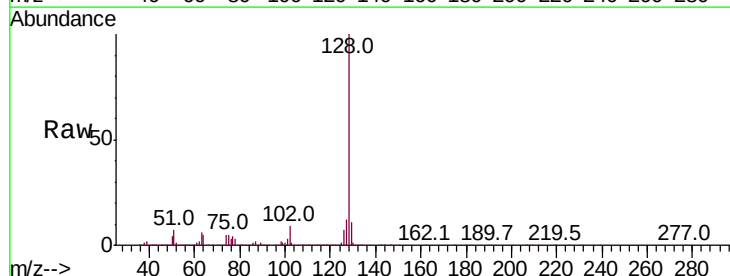
Tgt Ion:128 Resp: 1109340

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.7 13.1

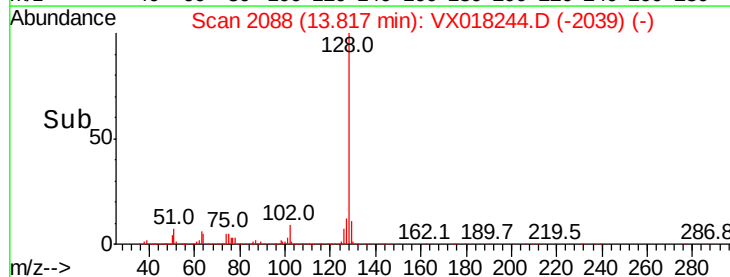
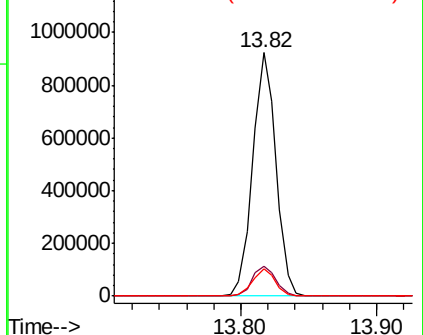


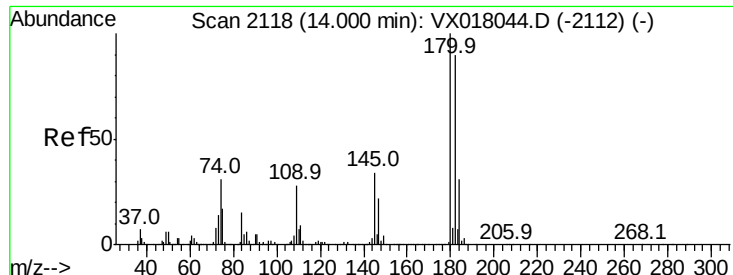
Abundance

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

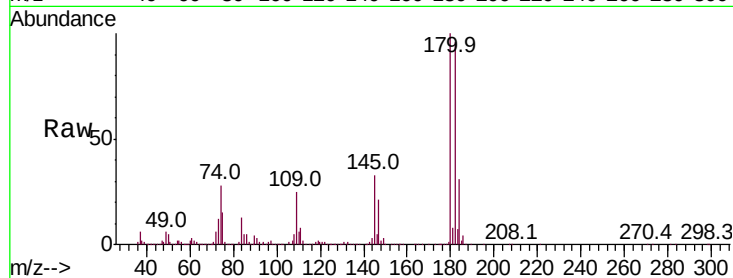




#96
 1,2,3-Trichlorobenzene
 Concen: 48.237 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018244.D
 Acq: 03 Sep 2020 18:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	34.0	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

