

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018043.D
 Acq On : 20 Aug 2020 19:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 21 02:39:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	572899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	893854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	448630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	152774	19.95	ug/l	0.00
Spiked Amount			Recovery	=	39.90%	
35) Dibromofluoromethane	5.47	113	117820	19.43	ug/l	0.00
Spiked Amount			Recovery	=	38.86%	
50) Toluene-d8	8.70	98	445437	19.22	ug/l	0.00
Spiked Amount			Recovery	=	38.44%	
62) 4-Bromofluorobenzene	11.12	95	174826	19.69	ug/l	0.00
Spiked Amount			Recovery	=	39.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	143939	22.985	ug/l	99
3) Chloromethane	1.31	50	135552	19.122	ug/l	99
4) Vinyl Chloride	1.39	62	143981	19.157	ug/l	98
5) Bromomethane	1.63	94	74910	19.836	ug/l	91
6) Chloroethane	1.72	64	79317	17.751	ug/l	100
7) Trichlorofluoromethane	1.92	101	194774	19.667	ug/l	98
8) Diethyl Ether	2.17	74	64710	16.008	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	104843	18.594	ug/l	98
10) Methyl Iodide	2.49	142	82045	11.498	ug/l	99
11) Tert butyl alcohol	3.02	59	145917	79.725	ug/l	98
12) 1,1-Dichloroethene	2.36	96	108383	18.395	ug/l	96
13) Acrolein	2.28	56	56796	52.307	ug/l	99
14) Allyl chloride	2.71	41	199115	18.393	ug/l	98
15) Acrylonitrile	3.12	53	336670	86.707	ug/l	98
16) Acetone	2.42	43	294266	89.145	ug/l	97
17) Carbon Disulfide	2.55	76	312719	15.668	ug/l	100
18) Methyl Acetate	2.75	43	145354	17.822	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	375298	18.465	ug/l	97
20) Methylene Chloride	2.84	84	124649	18.018	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	117499	17.835	ug/l	96
22) Diisopropyl ether	3.83	45	389286	18.941	ug/l	98
23) Vinyl Acetate	3.79	43	1755394	96.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	218959	19.014	ug/l	98
25) 2-Butanone	4.64	43	490289	91.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	179323	17.373	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	133157	18.459	ug/l	99
28) Bromochloromethane	4.98	49	97905	18.489	ug/l	98
29) Tetrahydrofuran	5.09	42	316924	89.566	ug/l	99
30) Chloroform	5.18	83	227323	19.749	ug/l	98
31) Cyclohexane	5.55	56	183127	17.829	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	207799	19.836	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161049	17.521	ug/l	98
37) Ethyl Acetate	4.80	43	194269	18.408	ug/l	100
38) Carbon Tetrachloride	5.76	117	188483	19.900	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	177217	16.279	ug/l	95
40) Benzene	6.12	78	489491	18.283	ug/l	98
41) Methacrylonitrile	5.01	41	101594	17.801	ug/l	97
42) 1,2-Dichloroethane	6.17	62	186712	19.163	ug/l	99
43) Isopropyl Acetate	6.42	43	310012	18.290	ug/l	100
44) Trichloroethene	7.19	130	137496	14.856	ug/l	94
45) 1,2-Dichloropropane	7.49	63	132439	19.352	ug/l	98
46) Dibromomethane	7.64	93	92917	19.894	ug/l	98
47) Bromodichloromethane	7.88	83	179809	18.950	ug/l	93
48) Methyl methacrylate	7.75	41	150495	18.615	ug/l	99
49) 1,4-Dioxane	7.71	88	54831	292.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	975906	94.069	ug/l	100
52) Toluene	8.77	92	309042	18.476	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	203745	18.158	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	215770	18.418	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	128993	19.383	ug/l	98
56) Ethyl methacrylate	9.16	69	192164	17.943	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218360	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	414754	74.683	ug/l	99
59) 2-Hexanone	9.48	43	747632	91.882	ug/l	100
60) Dibromochloromethane	9.57	129	150913	20.386	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142042	19.732	ug/l	99
64) Tetrachloroethene	9.32	164	123437	12.000	ug/l	93
65) Chlorobenzene	10.12	112	350874	18.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	134835	19.391	ug/l	97
67) Ethyl Benzene	10.24	91	590540	17.865	ug/l	100
68) m/p-Xylenes	10.34	106	452049	36.489	ug/l	100
69) o-Xylene	10.68	106	214481	18.044	ug/l	99
70) Styrene	10.70	104	372780	18.428	ug/l	99
71) Bromoform	10.84	173	114304	20.087	ug/l #	99
73) Isopropylbenzene	11.00	105	573274	17.734	ug/l	99
74) N-amyl acetate	10.88	43	268342	17.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197472	30.948	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	243803	24.111	ug/l	86
77) Bromobenzene	11.24	156	158004	18.799	ug/l	97
78) n-propylbenzene	11.34	91	658133	17.542	ug/l	98
79) 2-Chlorotoluene	11.40	91	407637	18.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	482212	17.660	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67485	16.262	ug/l	96
82) 4-Chlorotoluene	11.49	91	475065	18.042	ug/l	98
83) tert-Butylbenzene	11.76	119	466067	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	501107	18.135	ug/l	99
85) sec-Butylbenzene	11.93	105	529195	16.765	ug/l	98
86) p-Isopropyltoluene	12.05	119	499223	17.037	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277480	18.457	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	274978	18.042	ug/l	98
89) n-Butylbenzene	12.37	91	438940	16.430	ug/l	98
90) Hexachloroethane	12.58	117	93627	18.354	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258972	17.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47795	17.904	ug/l	97

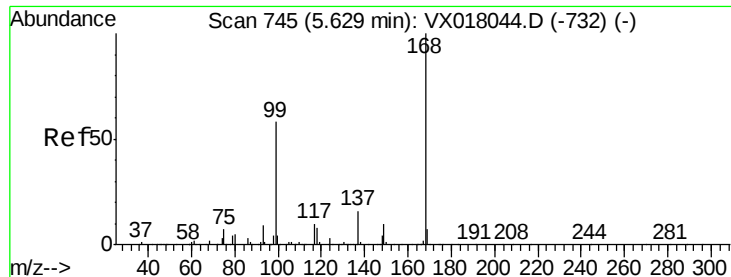
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	166038	15.659	ug/l	99
94) Hexachlorobutadiene	13.77	225	68964	14.388	ug/l	96
95) Naphthalene	13.82	128	573040	16.685	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	165083	16.029	ug/l	96

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

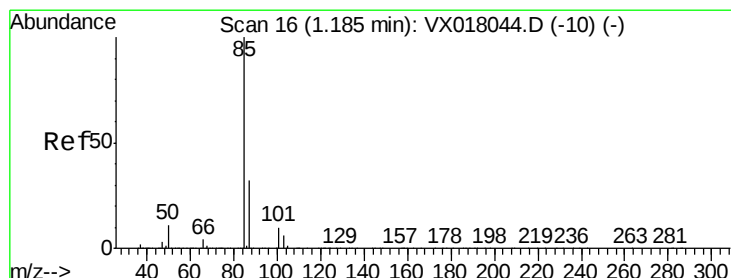
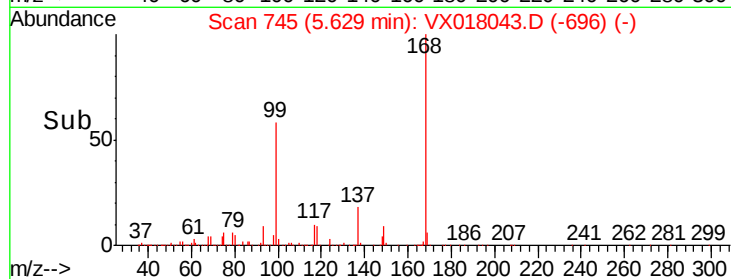
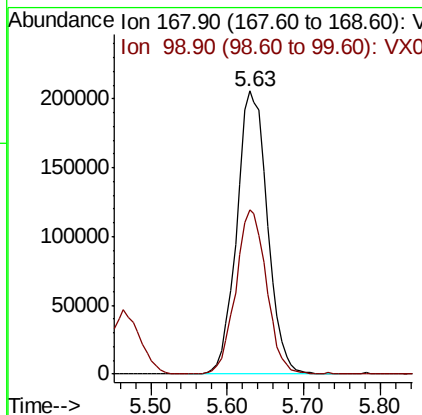
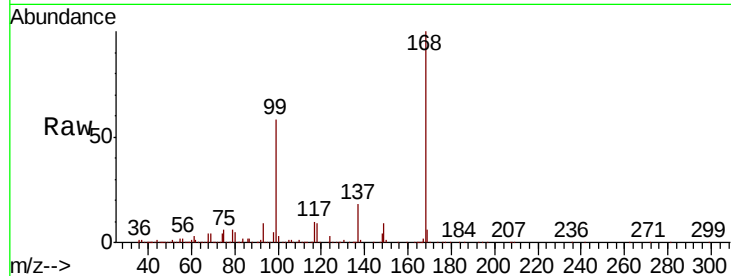


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

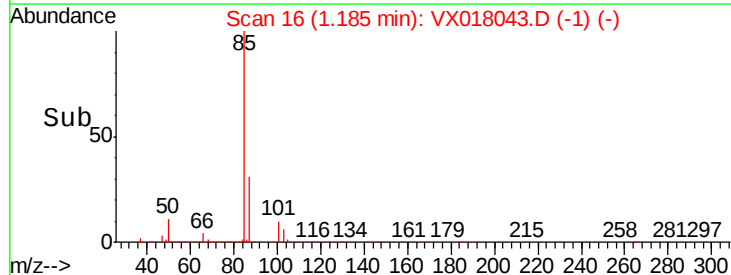
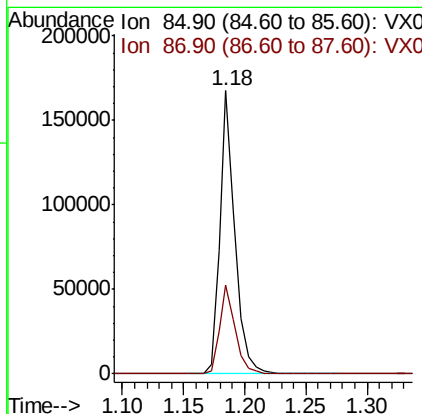
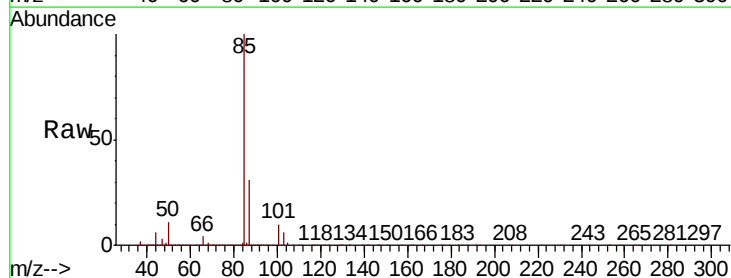
Tot Ion:168 Resp: 572899
 Ion Ratio Lower Upper
 168 100
 99 57.9 46.3 69.5

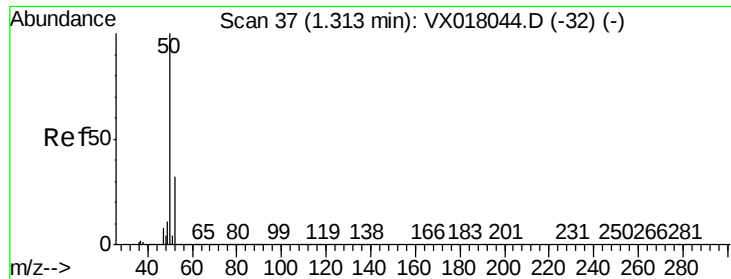


#2

Dichlorodifluoromethane
 Concen: 22.985 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 85 Resp: 143939
 Ion Ratio Lower Upper
 85 100
 87 31.3 16.1 48.2





#3

Chloromethane

Concen: 19.122 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

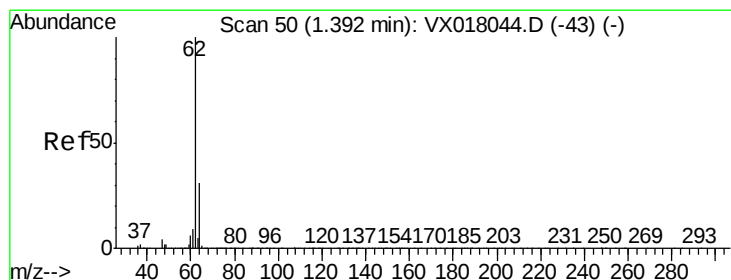
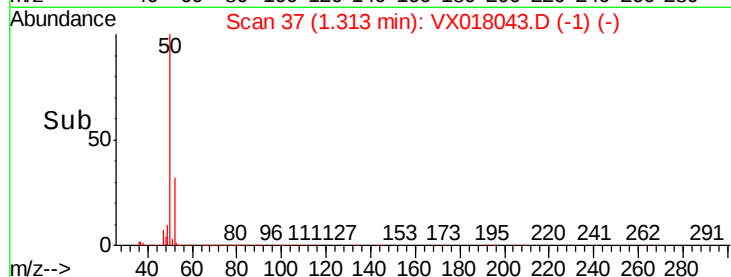
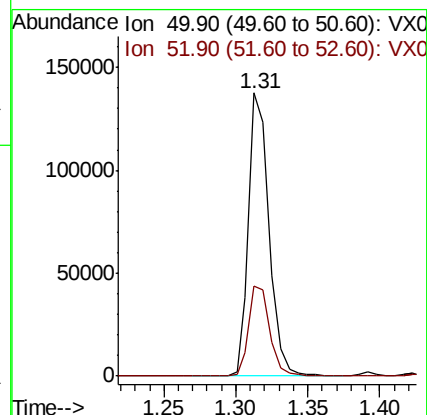
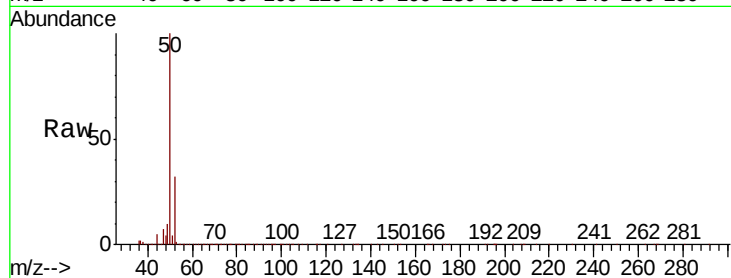
VSTDIC020

Tot Ion: 50 Resp: 135552

Ion Ratio Lower Upper

50 100

52 31.4 25.4 38.2



#4

Vinyl Chloride

Concen: 19.157 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018043.D

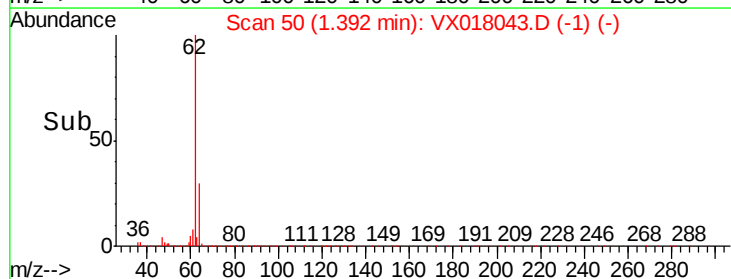
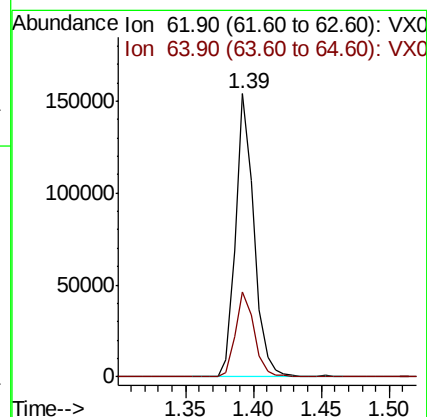
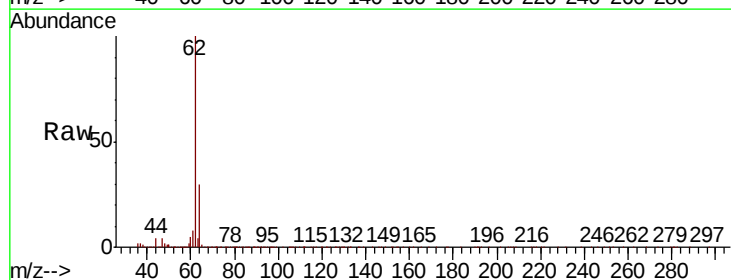
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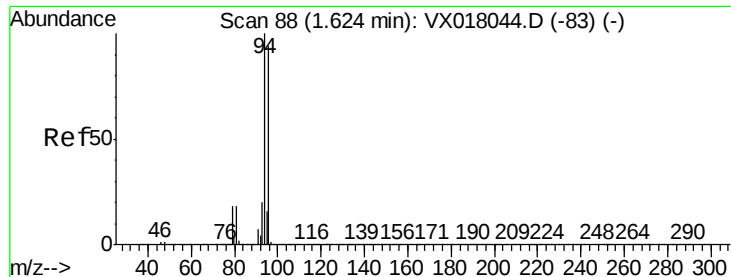
Tgt Ion: 62 Resp: 143981

Ion Ratio Lower Upper

62 100

64 30.0 25.1 37.7





#5

Bromomethane

Concen: 19.836 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

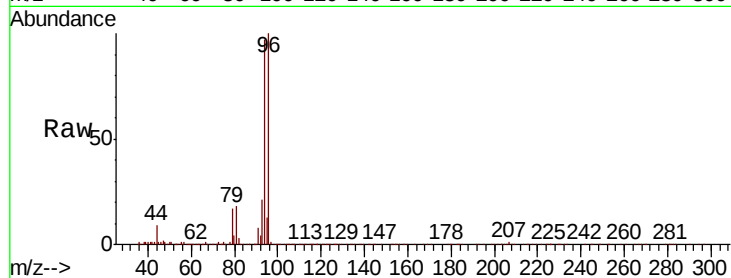
VSTDIC020

Tot Ion: 94 Resp: 74910

Ion Ratio Lower Upper

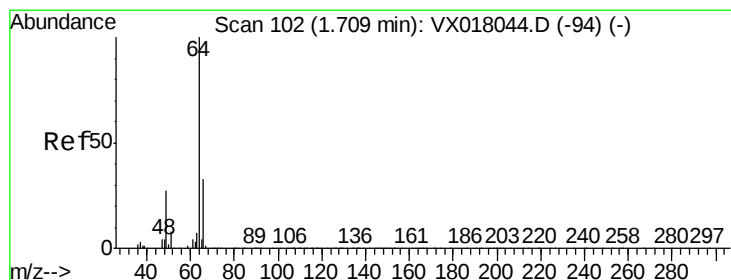
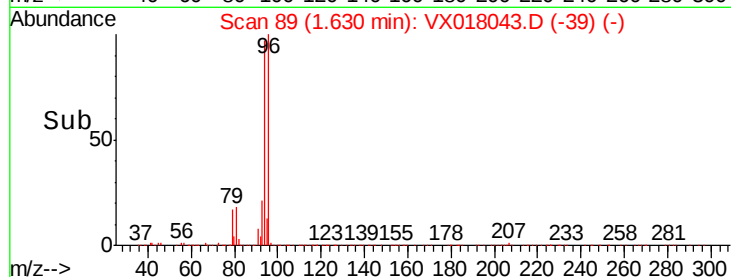
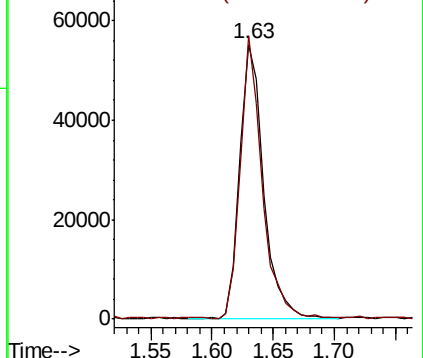
94 100

96 102.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.751 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018043.D

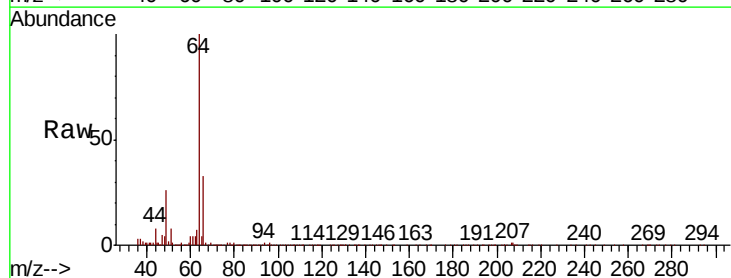
Acq: 20 Aug 2020 19:45

Tgt Ion: 64 Resp: 79317

Ion Ratio Lower Upper

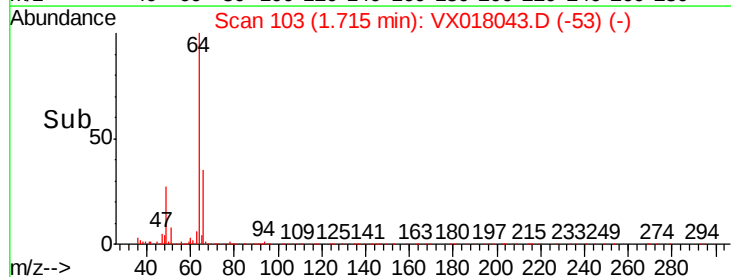
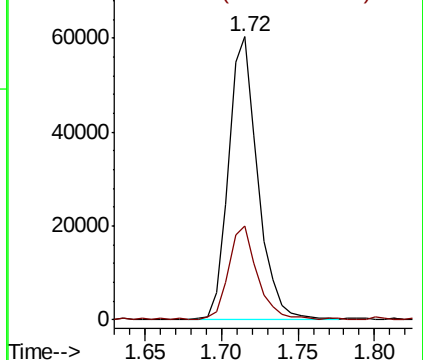
64 100

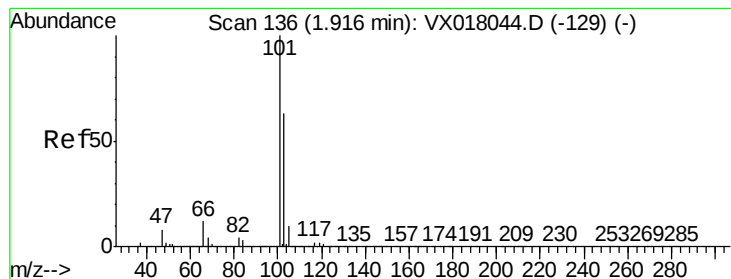
66 33.1 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



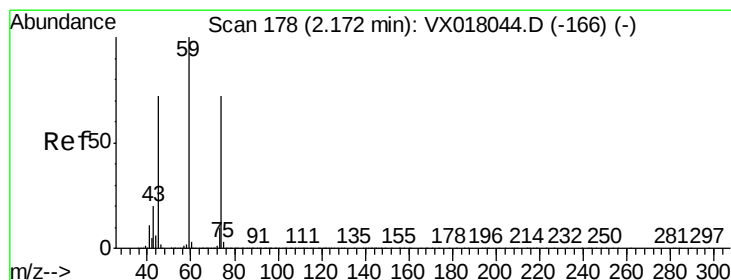
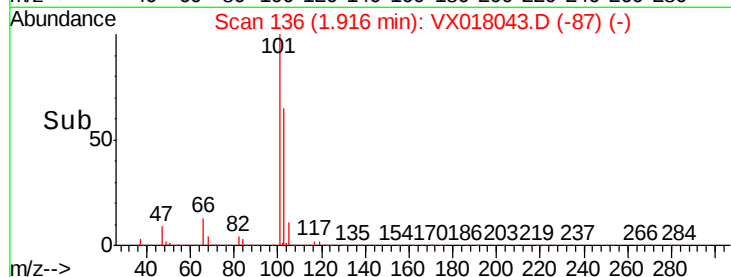
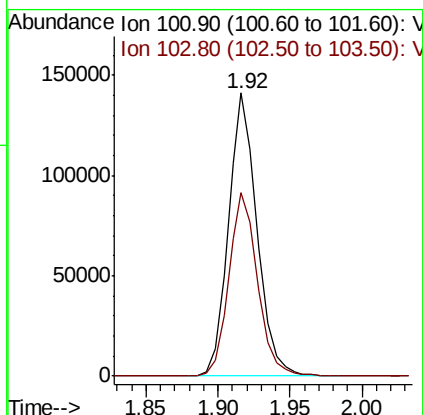
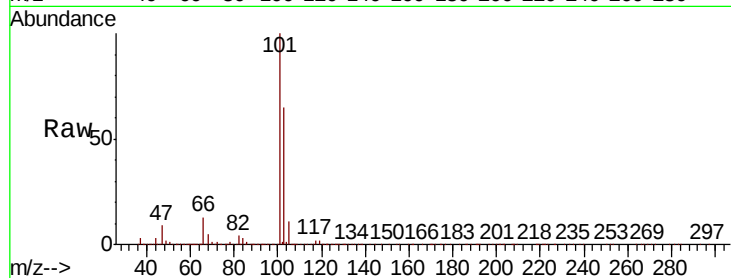


#7

Trichlorofluoromethane
 Concen: 19.667 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
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 VSTDIC020

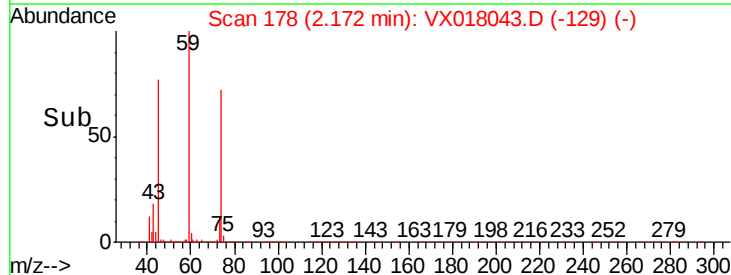
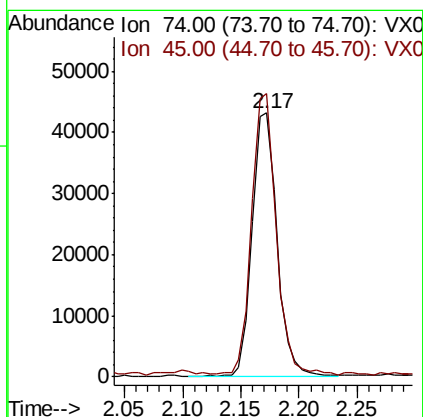
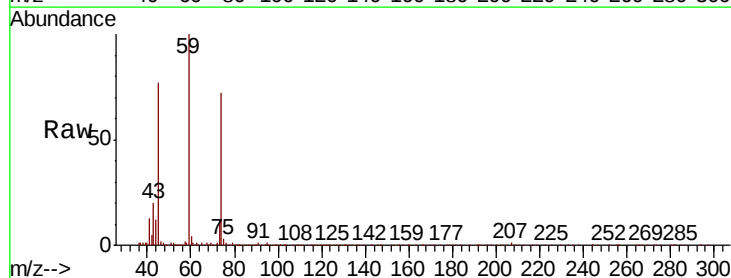
Tot Ion:101 Resp: 194774
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.7 76.1

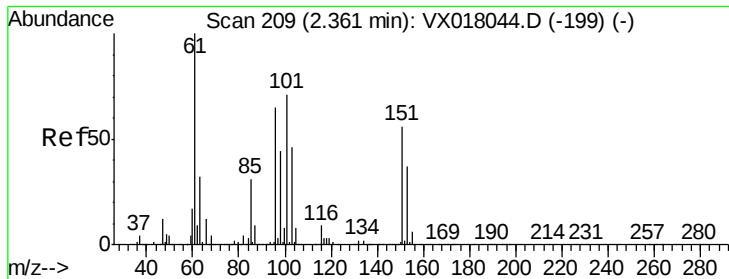


#8

Diethyl Ether
 Concen: 16.008 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 74 Resp: 64710
 Ion Ratio Lower Upper
 74 100
 45 104.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.594 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

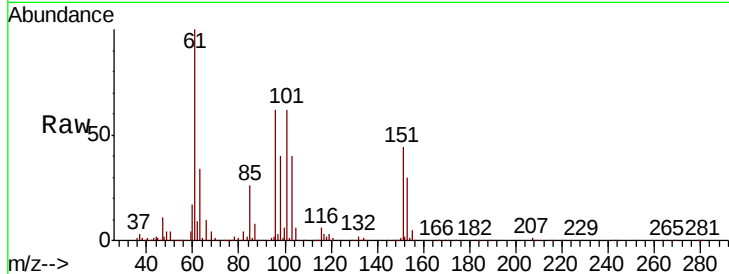
Tot Ion:101 Resp: 104843

Ion Ratio Lower Upper

101 100

85 45.6 34.0 51.0

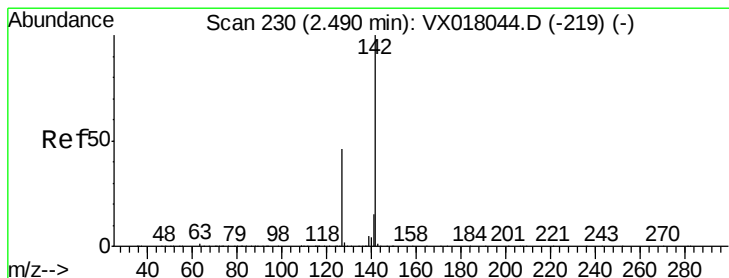
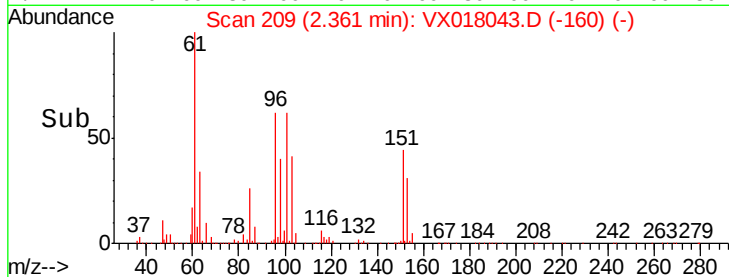
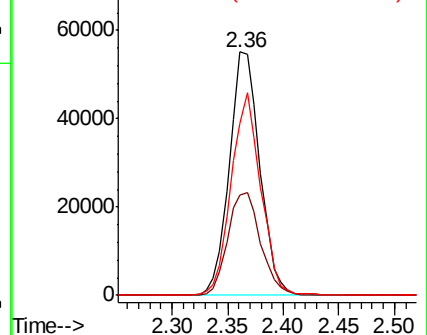
151 80.6 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.498 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

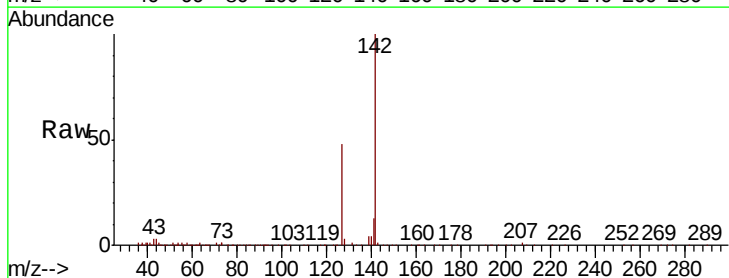
Tgt Ion:142 Resp: 82045

Ion Ratio Lower Upper

142 100

127 45.6 37.0 55.6

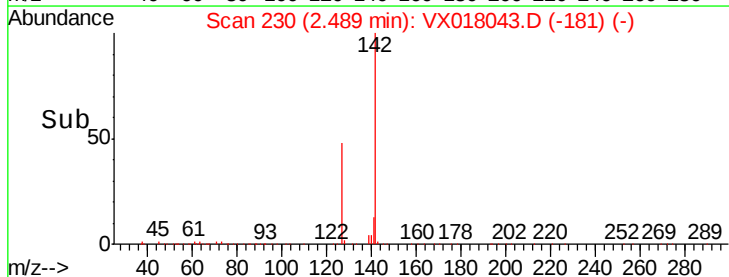
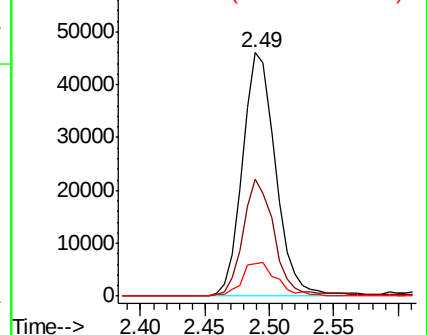
141 14.9 11.5 17.3

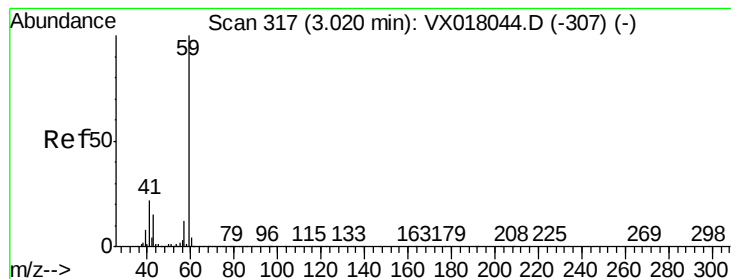


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 79.725 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

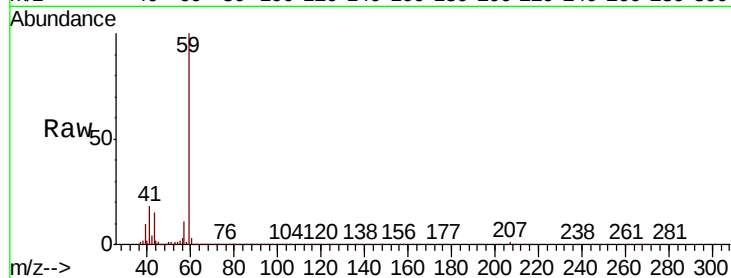
VSTDIC020

Tot Ion: 59 Resp: 145917

Ion Ratio Lower Upper

59 100

57 11.7 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

60000

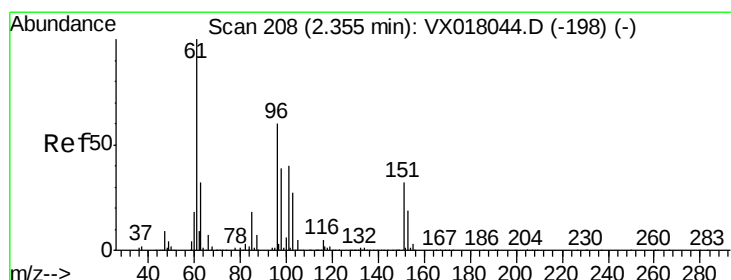
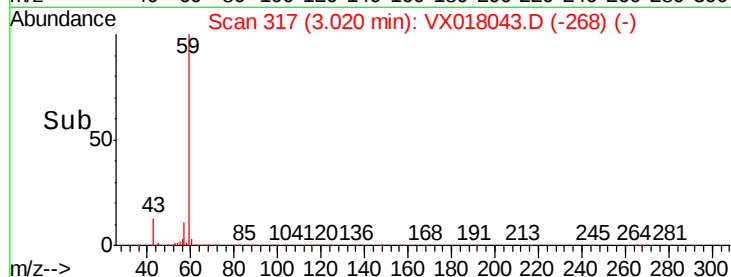
40000

20000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 18.395 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

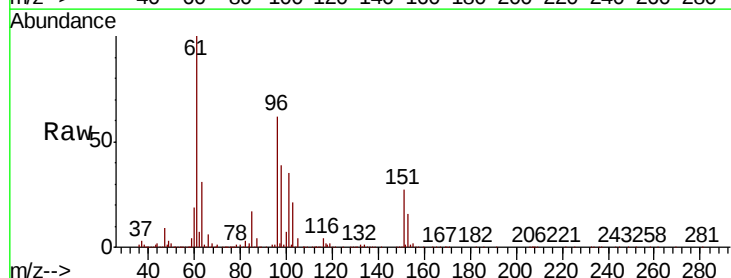
Tgt Ion: 96 Resp: 108383

Ion Ratio Lower Upper

96 100

61 160.4 133.0 199.4

98 63.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

150000

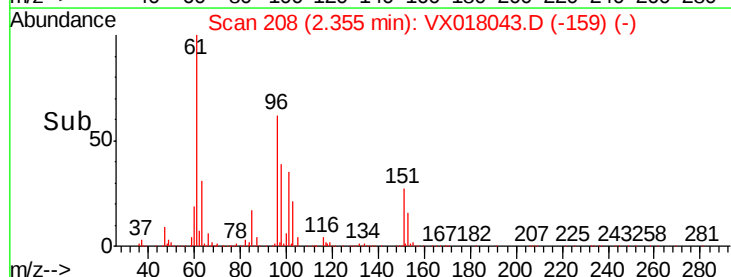
100000

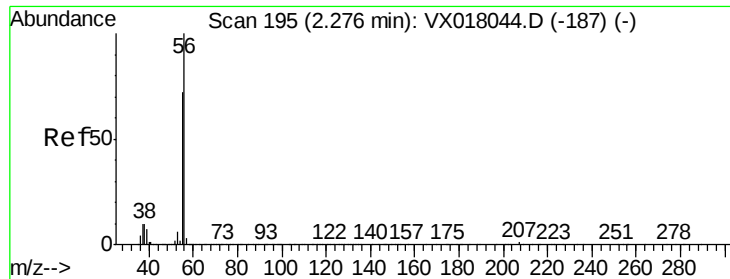
50000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 52.307 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

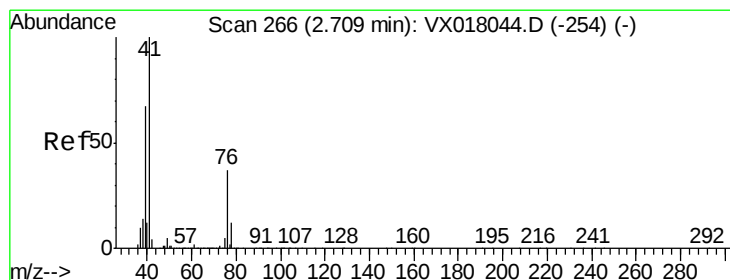
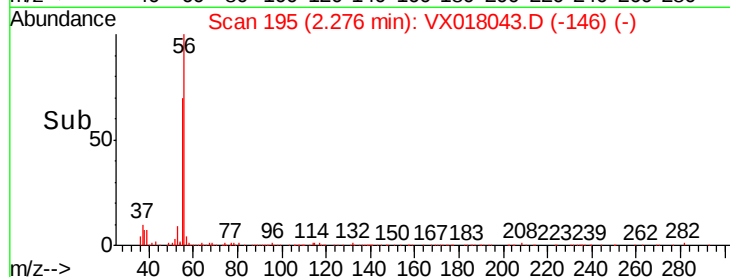
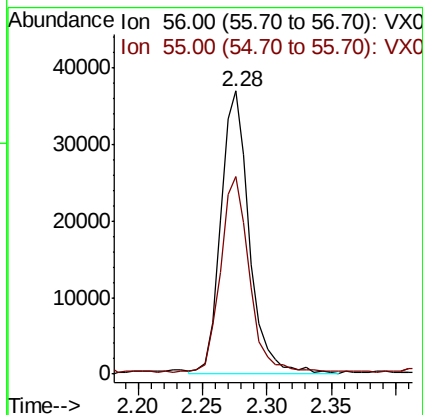
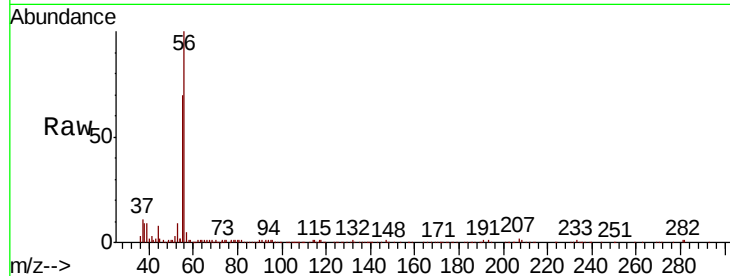
VSTDIC020

Tot Ion: 56 Resp: 56796

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.6



#14

Allyl chloride

Concen: 18.393 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

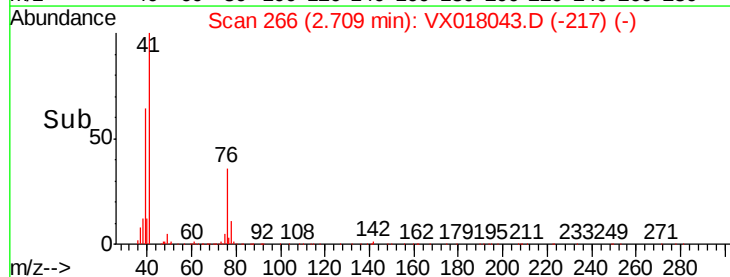
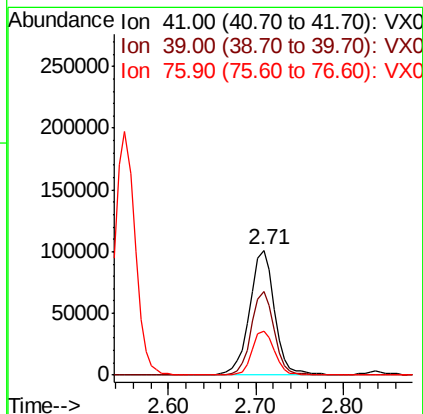
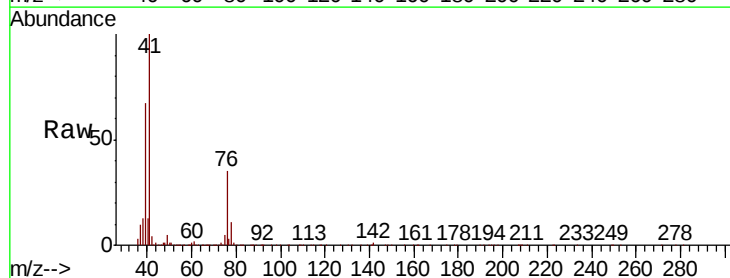
Tgt Ion: 41 Resp: 199115

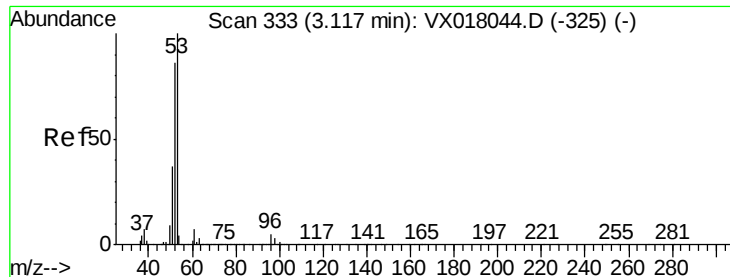
Ion Ratio Lower Upper

41 100

39 61.3 50.6 76.0

76 31.5 26.2 39.2

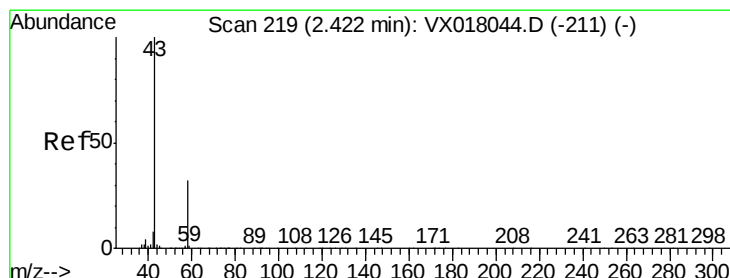
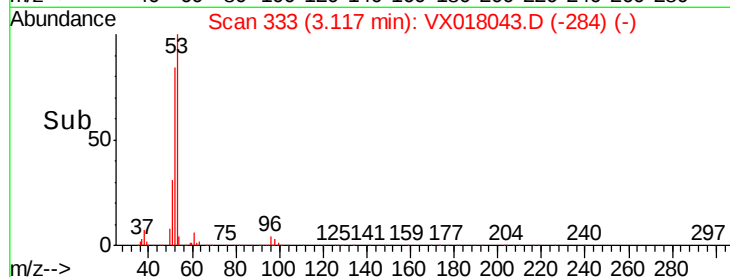
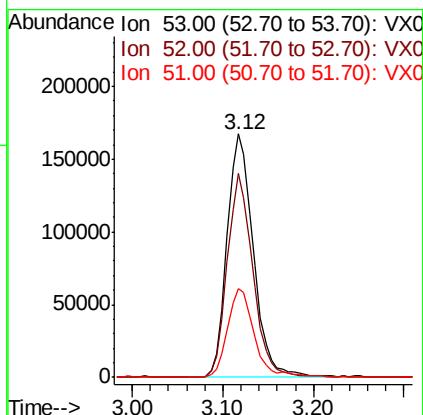
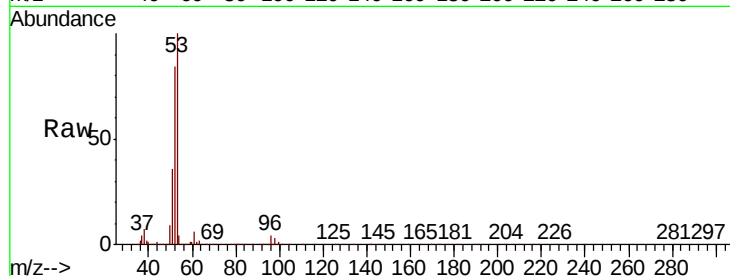




#15
 Acrylonitrile
 Concen: 86.707 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

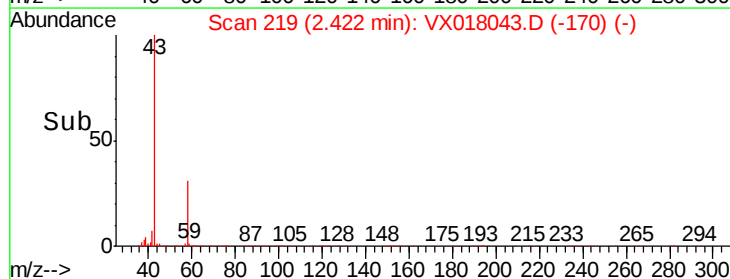
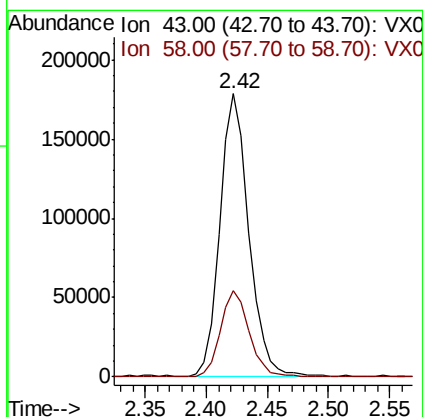
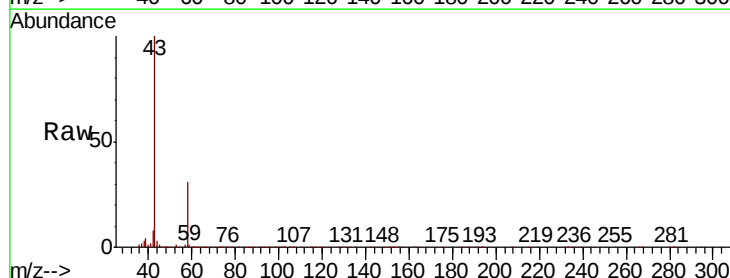
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

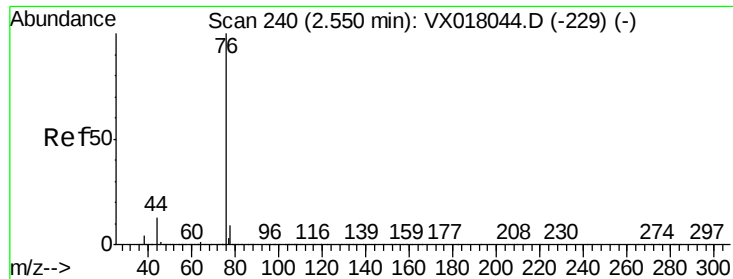
Tot Ion:	53	Resp:	336670
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	36.7	28.7	43.1



#16
 Acetone
 Concen: 89.145 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion:	43	Resp:	294266
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.5	38.3

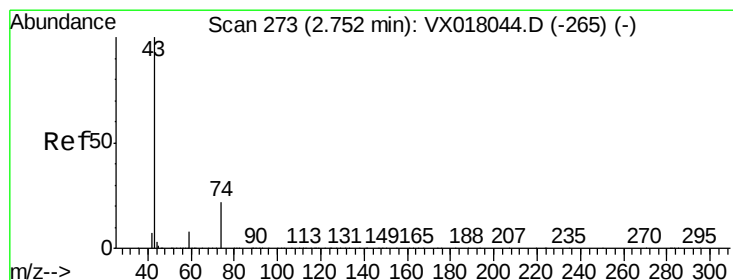
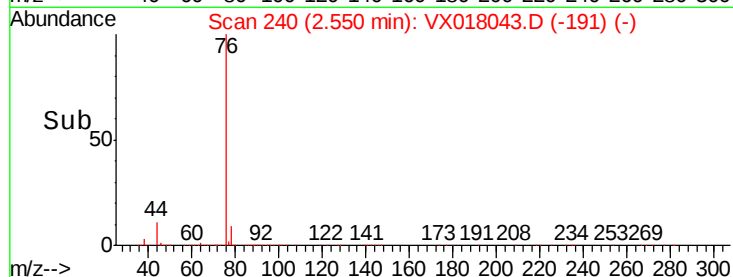
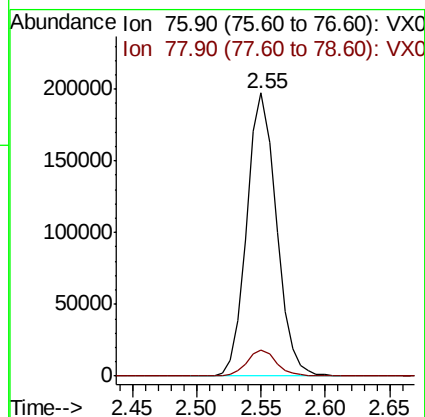
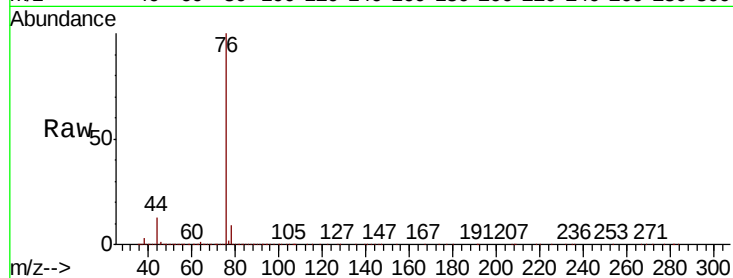




#17
Carbon Disulfide
Concen: 15.668 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

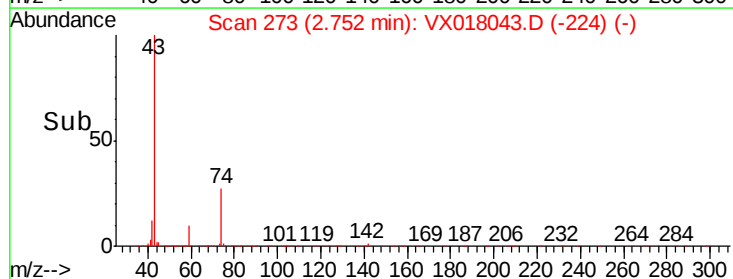
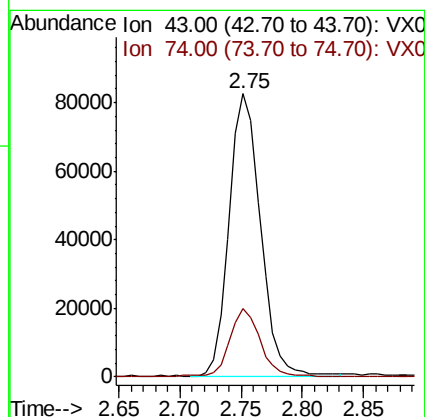
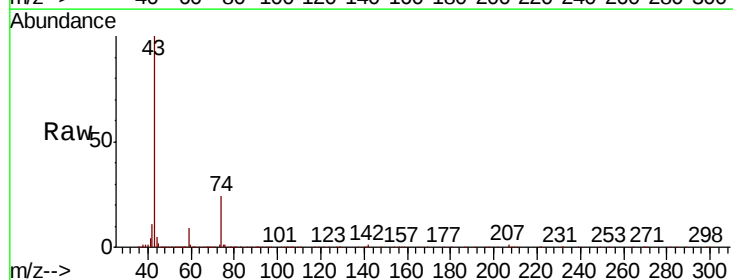
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

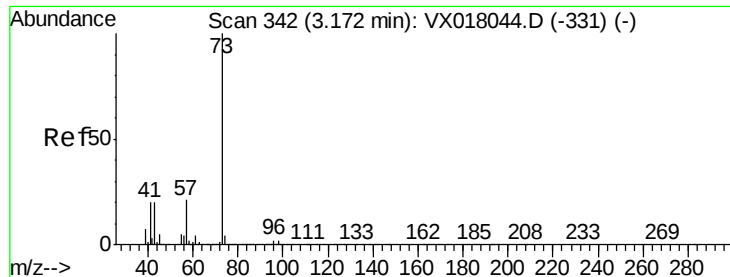
Tot Ion: 76 Resp: 312719
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 17.822 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 43 Resp: 145354
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4



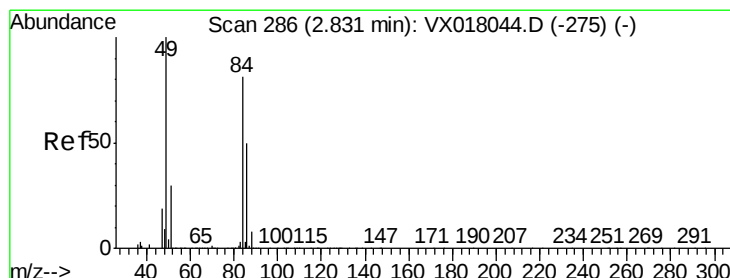
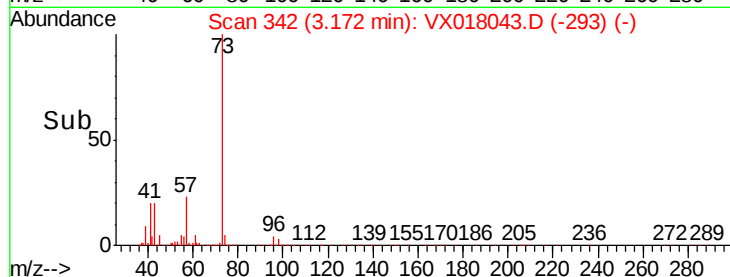
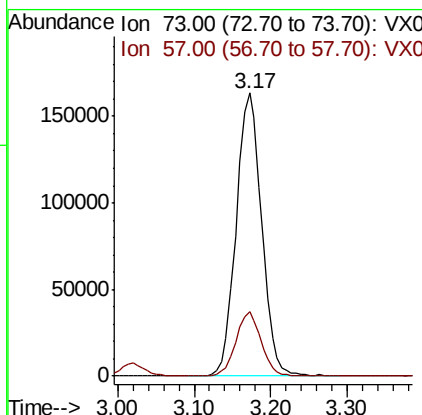
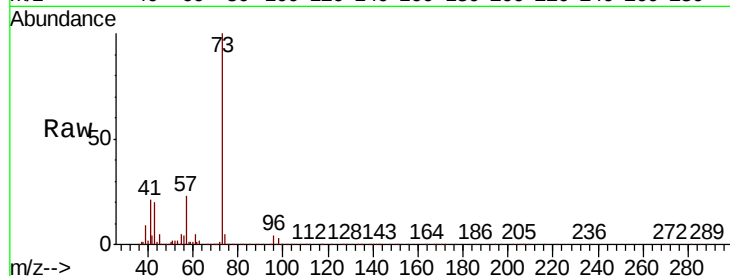


#19

Methyl tert-butyl Ether
 Concen: 18.465 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

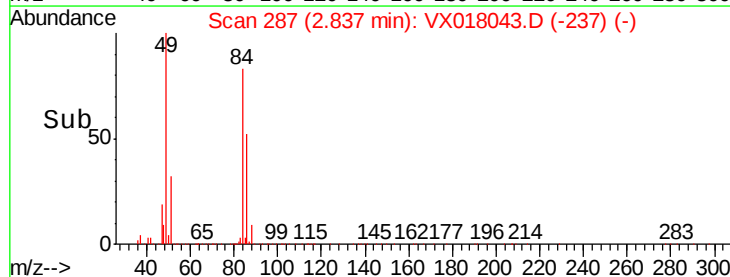
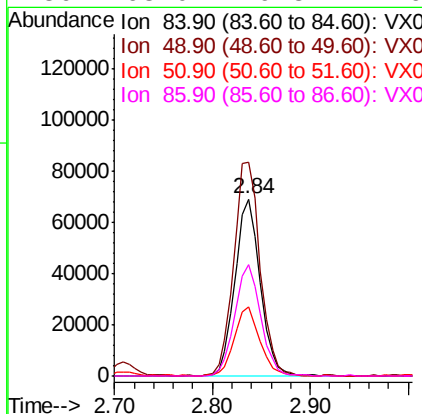
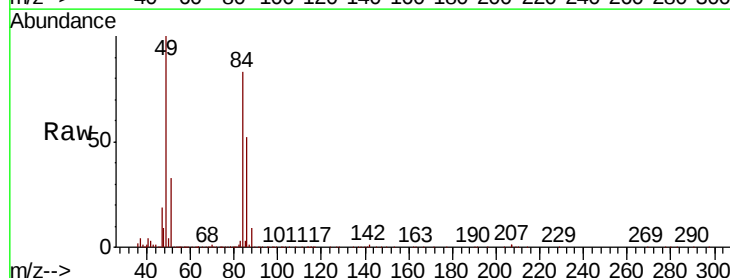
Tot Ion: 73 Resp: 375298
 Ion Ratio Lower Upper
 73 100
 57 22.6 16.8 25.2



#20

Methylene Chloride
 Concen: 18.018 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 84 Resp: 124649
 Ion Ratio Lower Upper
 84 100
 49 120.3 98.6 148.0
 51 39.3 29.6 44.4
 86 63.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.835 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

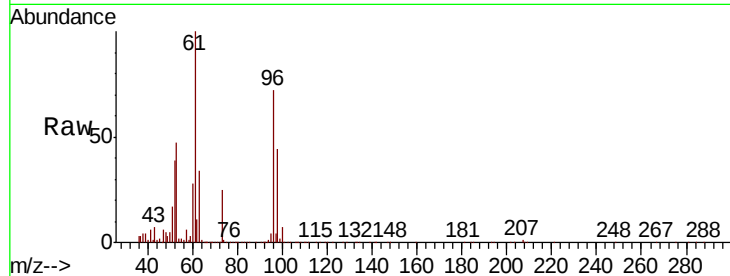
Tot Ion: 96 Resp: 117499

Ion Ratio Lower Upper

96 100

61 138.5 115.4 173.0

98 61.6 51.1 76.7

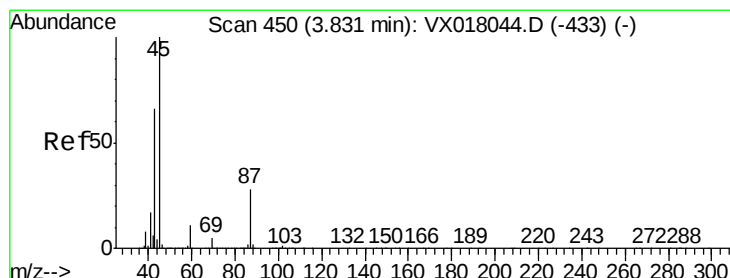
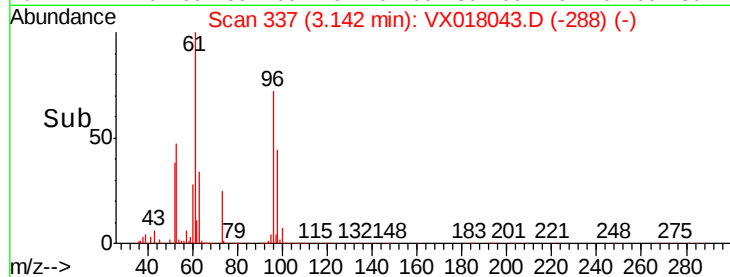
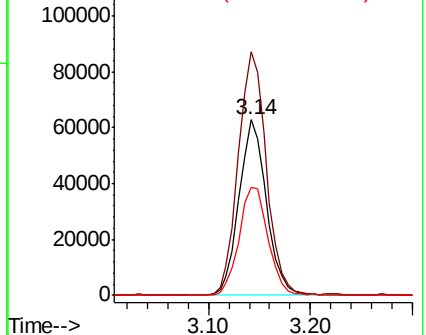


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.941 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion: 45 Resp: 389286

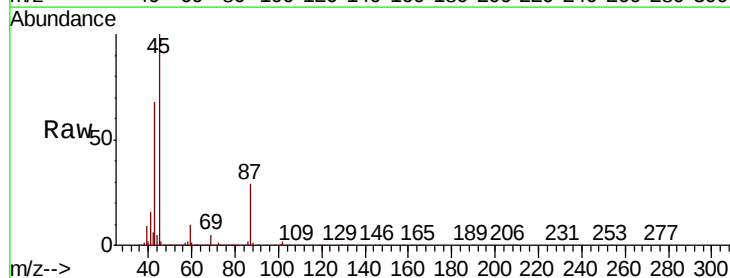
Ion Ratio Lower Upper

45 100

43 67.6 52.8 79.2

87 29.1 22.5 33.7

59 10.2 9.0 13.6



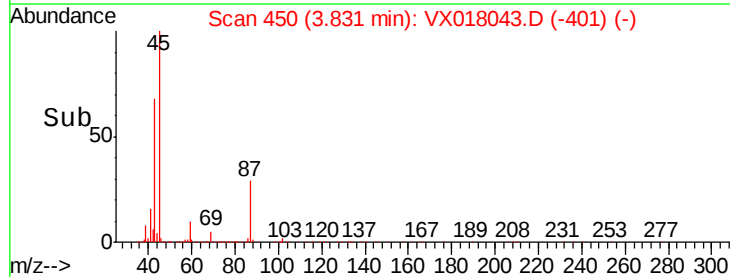
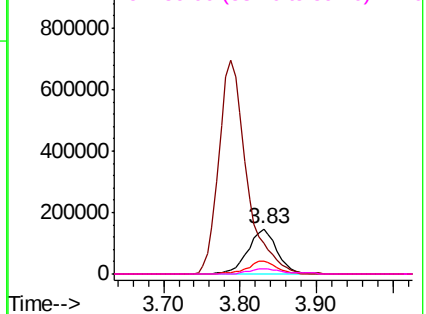
Abundance

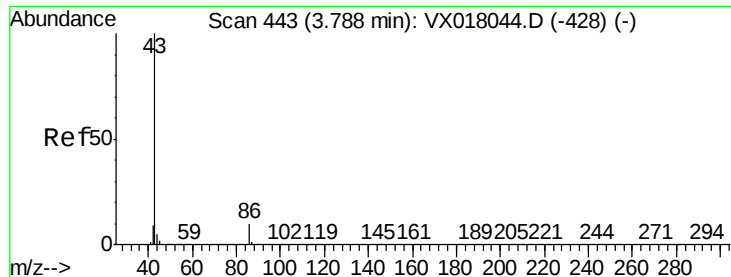
Ion 45.00 (44.70 to 45.70): VX0

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: 96.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

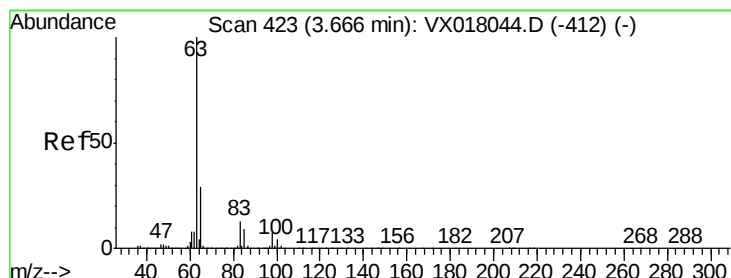
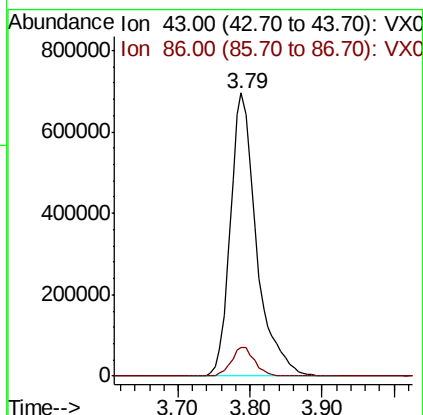
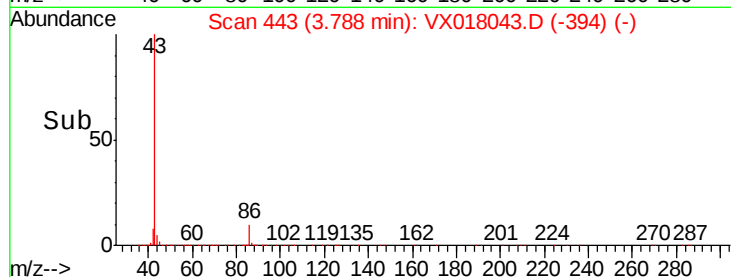
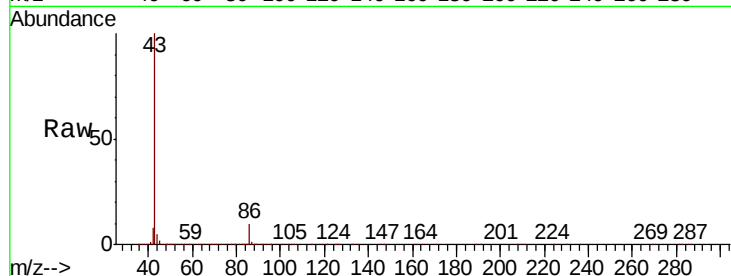
VSTDIC020

Tot Ion: 43 Resp: 1755394

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 19.014 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

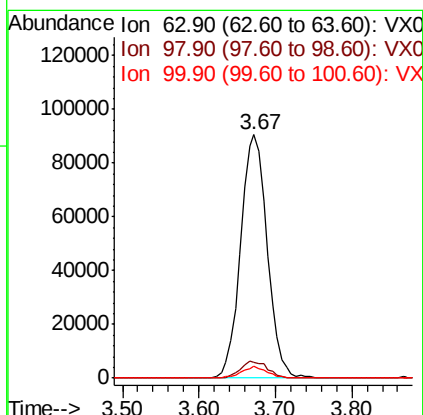
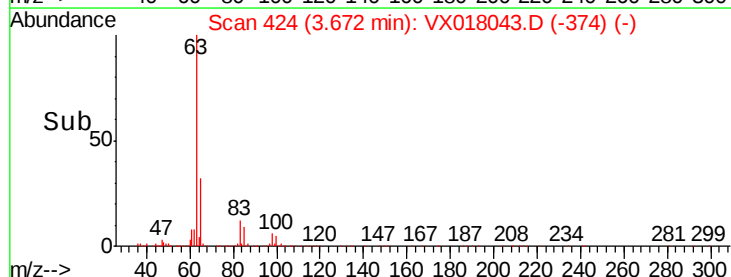
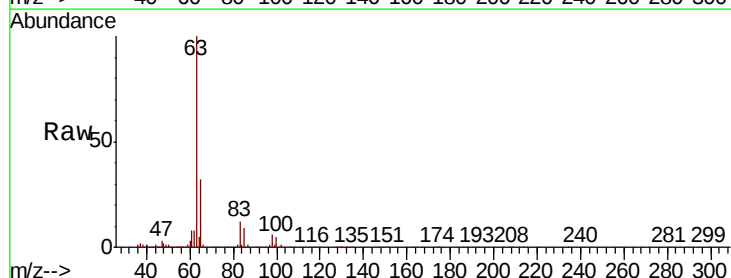
Tgt Ion: 63 Resp: 218959

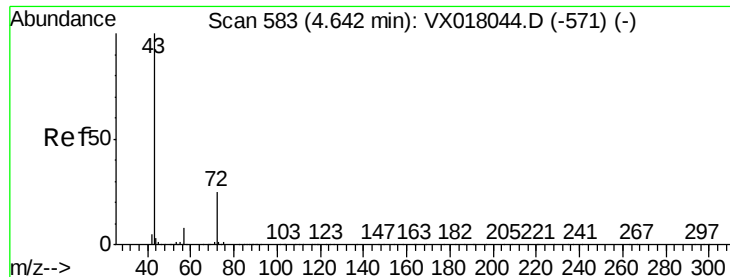
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.8 2.0 6.0

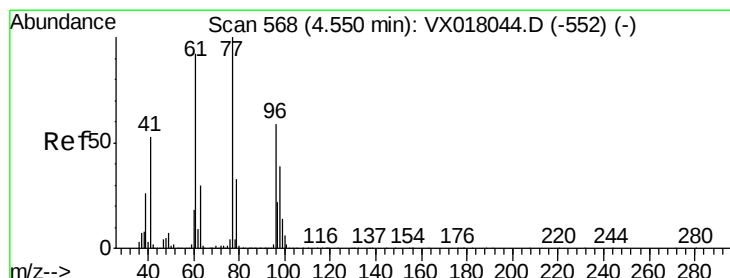
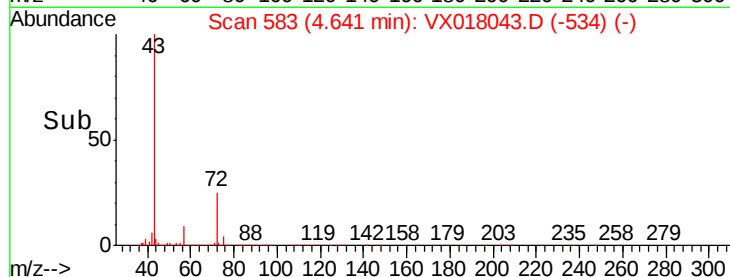
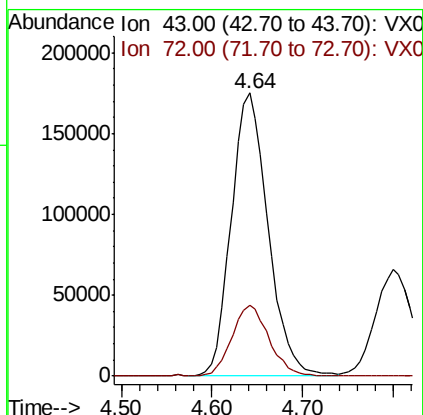
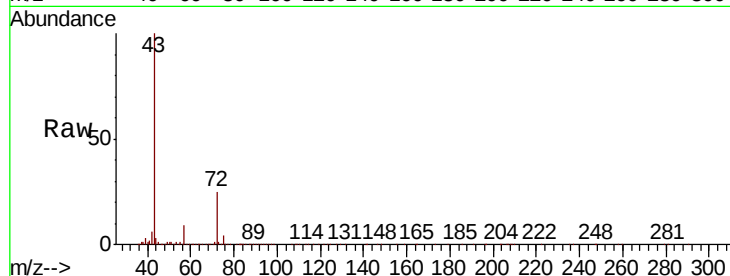




#25
2-Butanone
Concen: 91.713 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

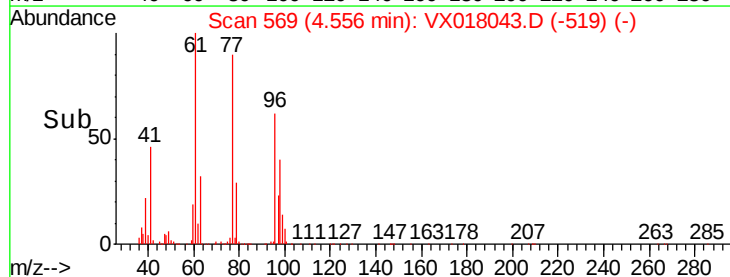
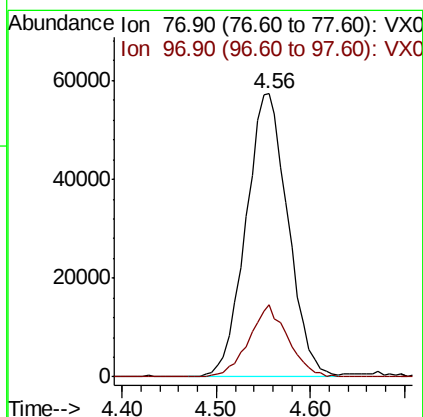
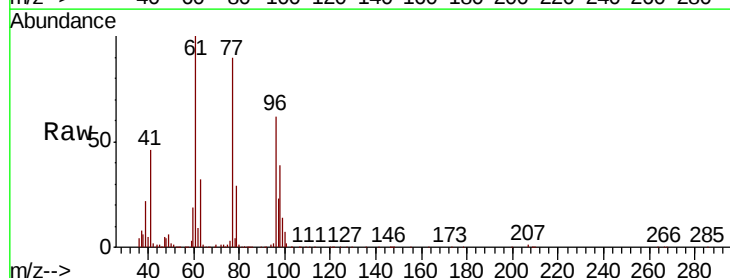
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

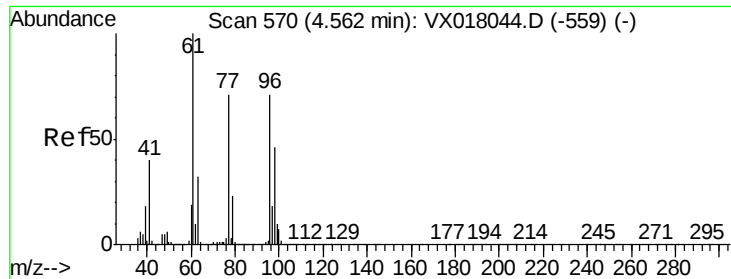
Tot Ion: 43 Resp: 490289
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 17.373 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 77 Resp: 179323
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5



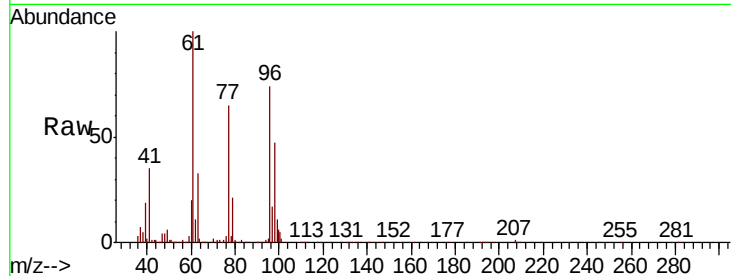


#27

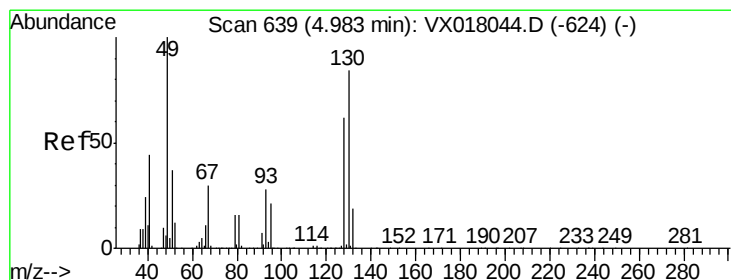
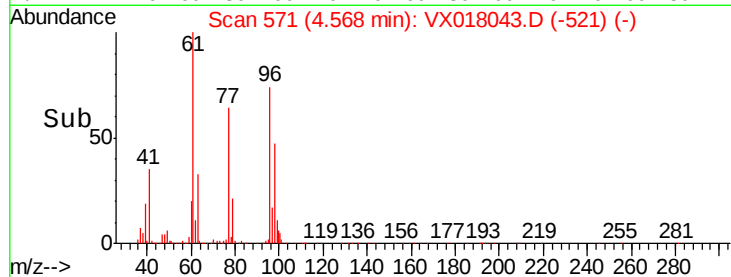
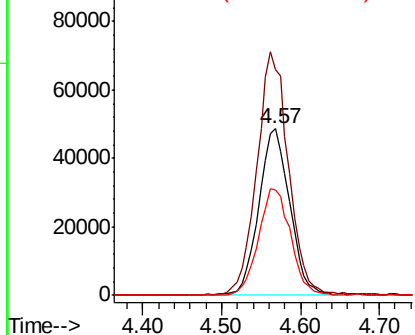
cis-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	296.6
98	66.1	0.0	130.2



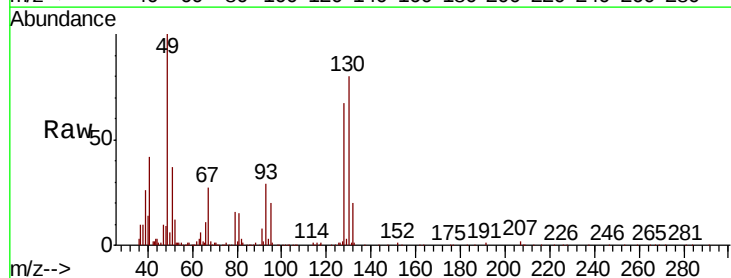
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



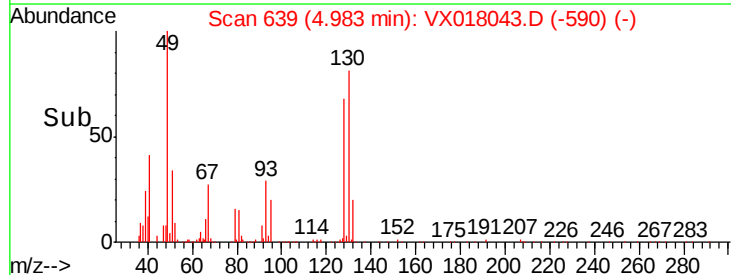
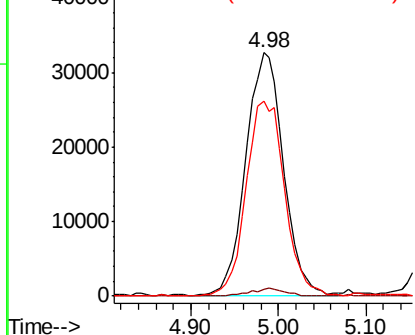
#28

Bromochloromethane
Concen: 18.489 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.6
130	82.2	64.6	96.8



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





#29

Tetrahydrofuran

Concen: 89.566 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

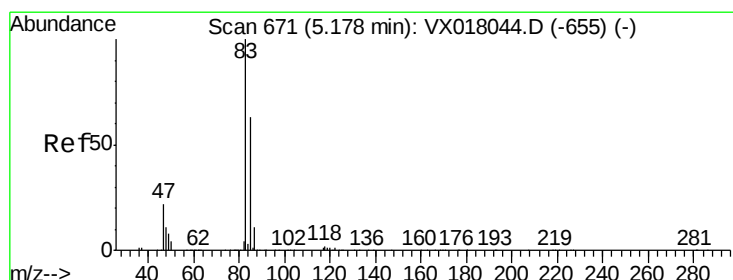
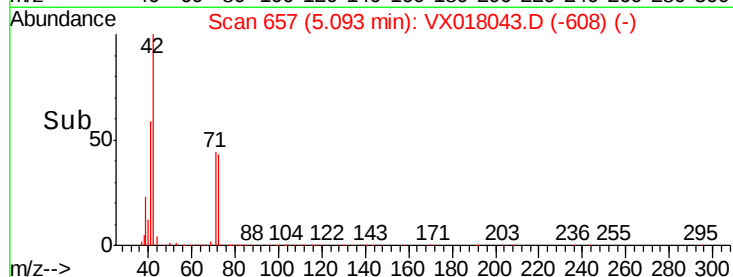
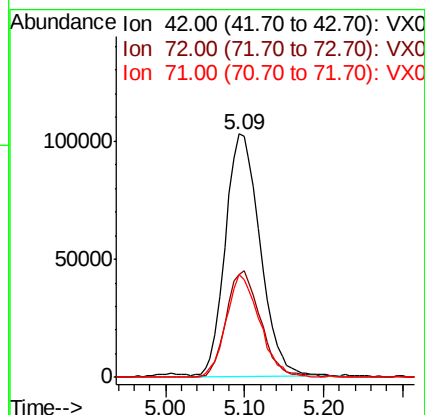
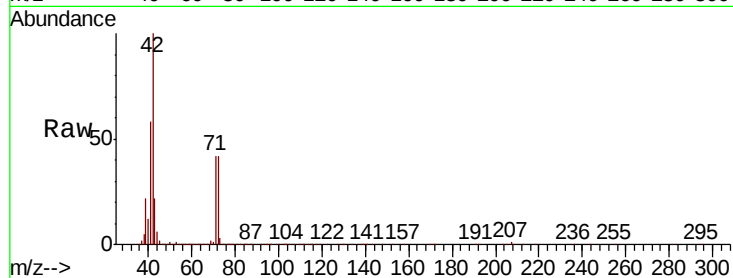
Tot Ion: 42 Resp: 316924

Ion Ratio Lower Upper

42 100

72 43.9 34.2 51.4

71 40.8 32.1 48.1



#30

Chloroform

Concen: 19.749 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018043.D

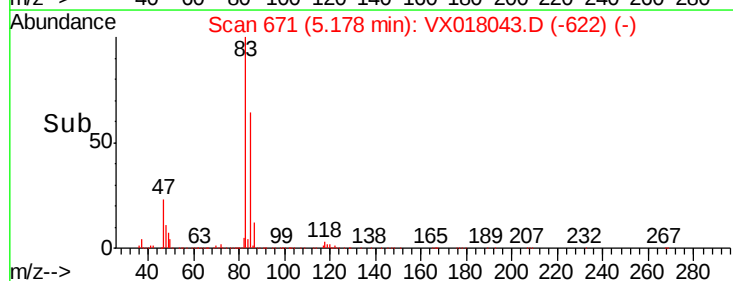
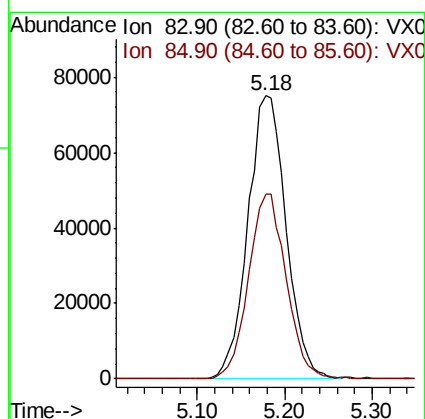
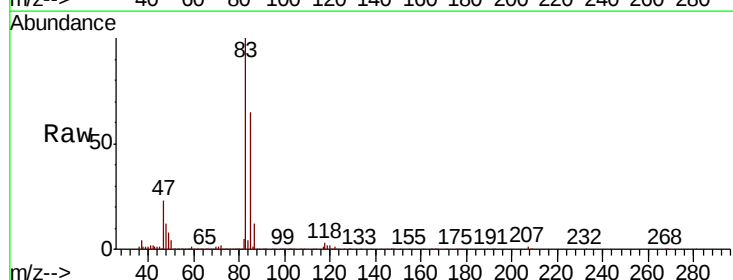
Acq: 20 Aug 2020 19:45

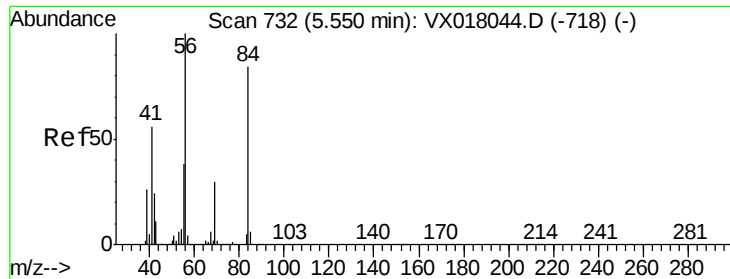
Tgt Ion: 83 Resp: 227323

Ion Ratio Lower Upper

83 100

85 65.2 50.7 76.1

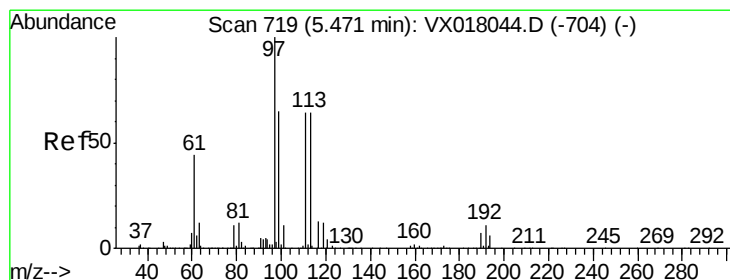
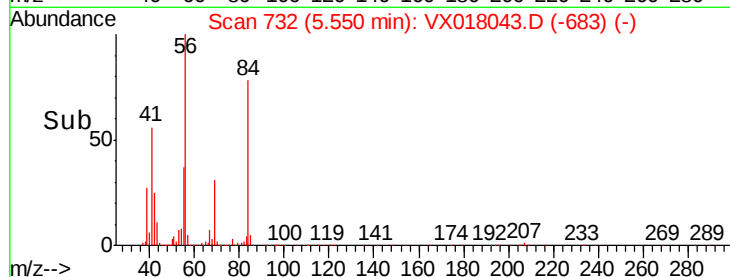
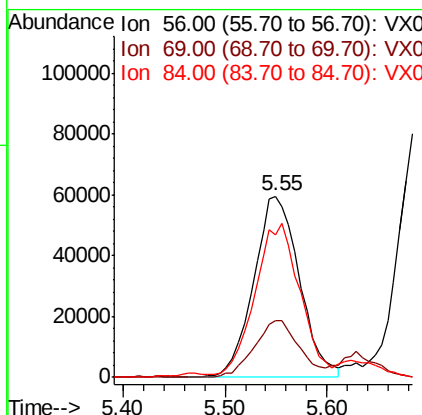
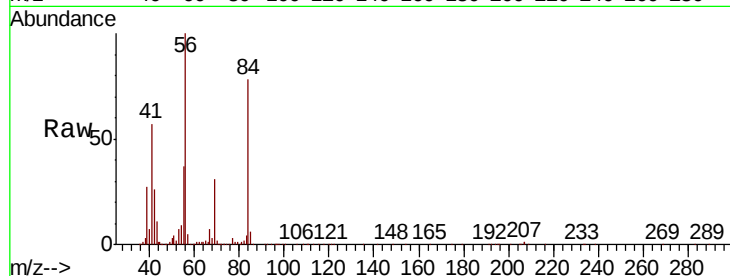




#31
Cyclohexane
Concen: 17.829 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

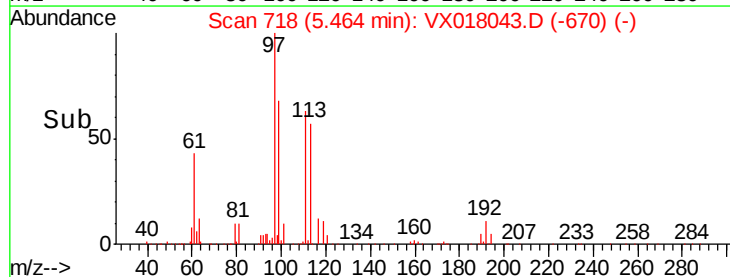
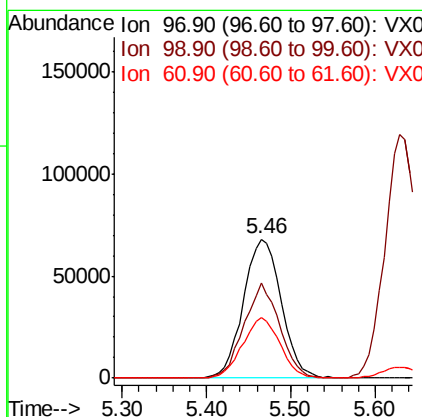
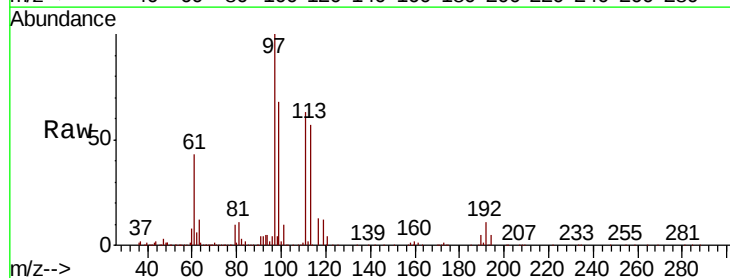
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

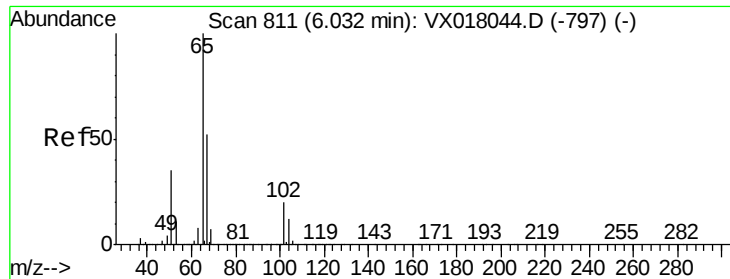
Tot Ion: 56 Resp: 183127
Ion Ratio Lower Upper
56 100
69 31.0 23.9 35.9
84 76.5 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.836 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 97 Resp: 207799
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 43.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 19.952 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

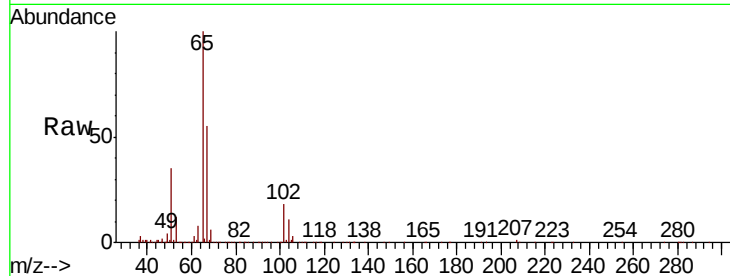
VSTDIC020

Tot Ion: 65 Resp: 152774

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

60000

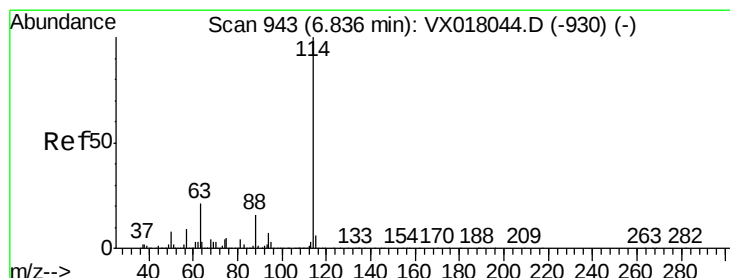
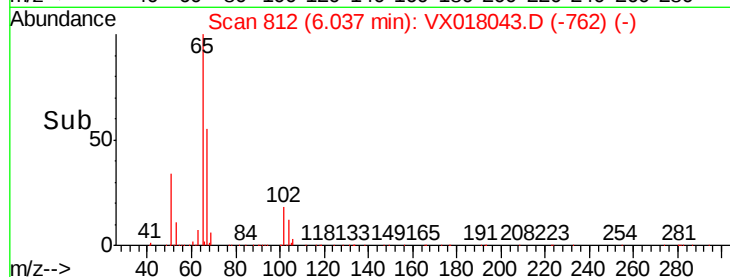
40000

20000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

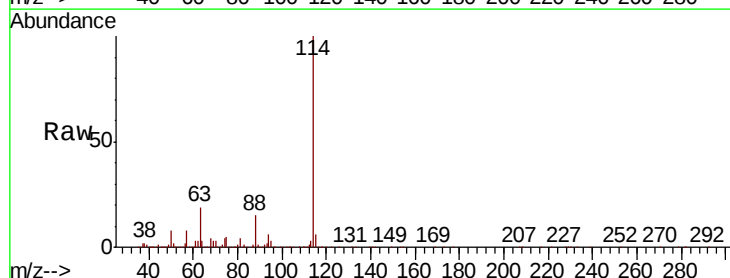
Tgt Ion: 114 Resp: 936733

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 14.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

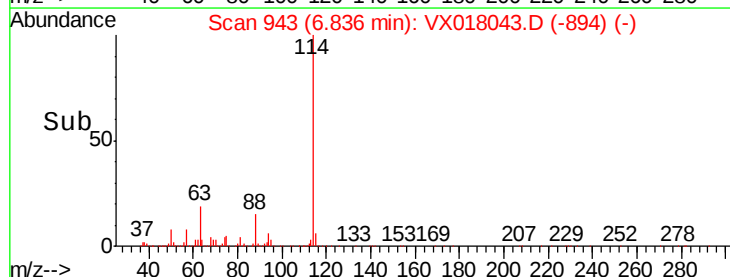
200000

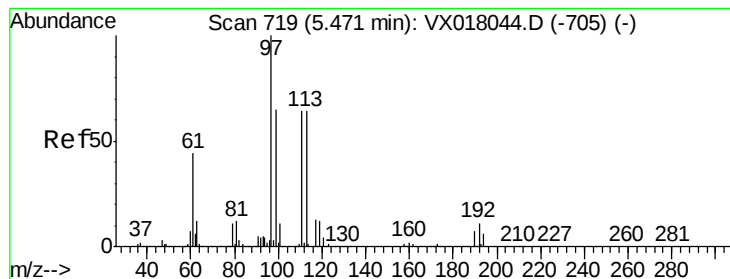
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 19.430 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

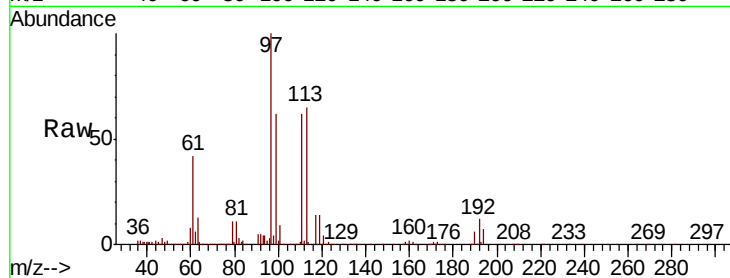
Tot Ion:113 Resp: 117820

Ion Ratio Lower Upper

113 100

111 105.8 81.6 122.4

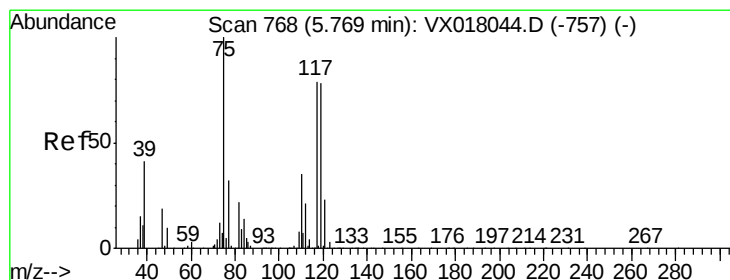
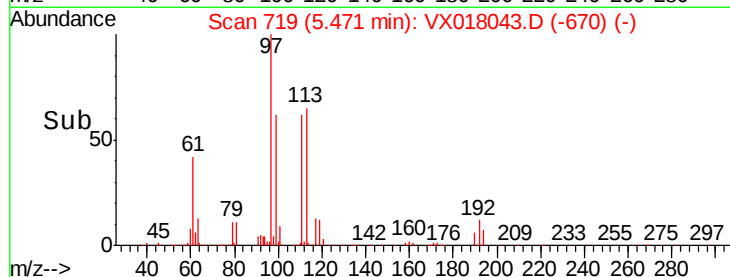
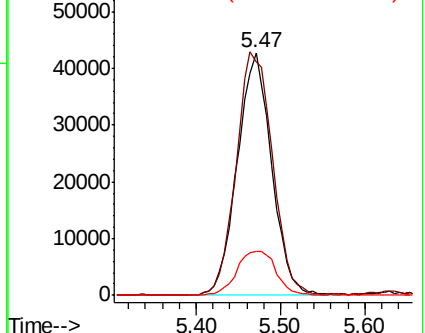
192 20.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.521 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

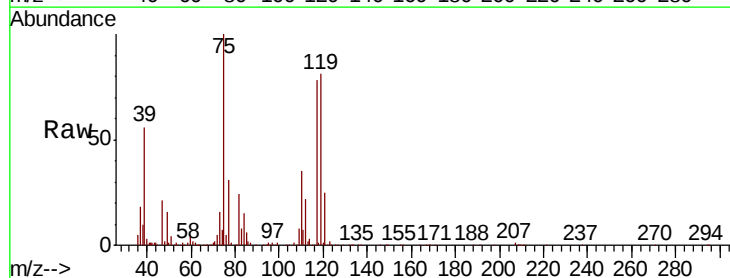
Tgt Ion: 75 Resp: 161049

Ion Ratio Lower Upper

75 100

110 37.2 18.0 54.0

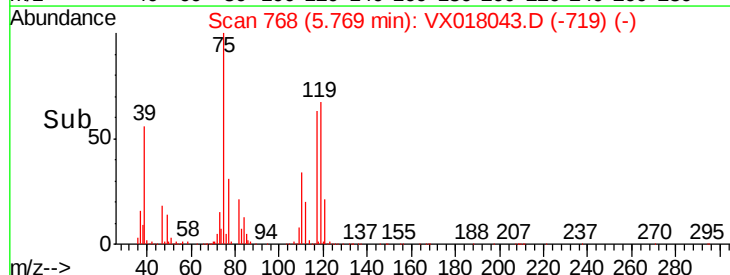
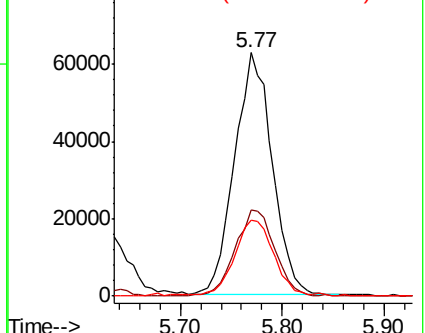
77 31.6 24.4 36.6

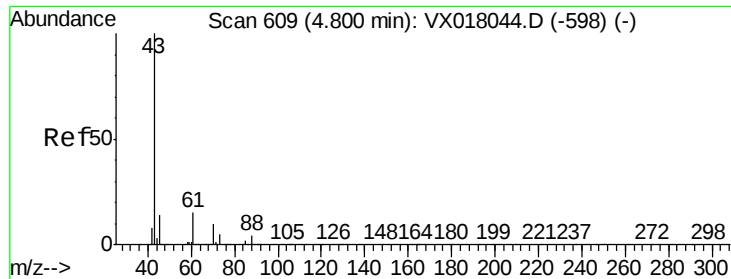


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

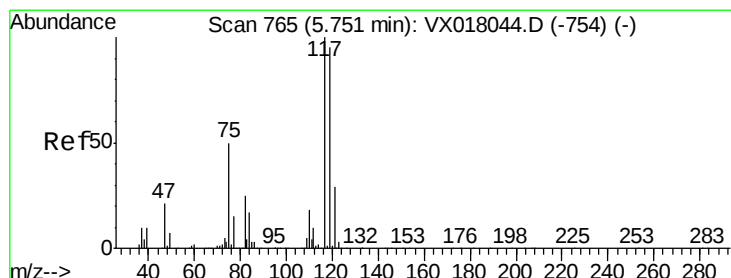
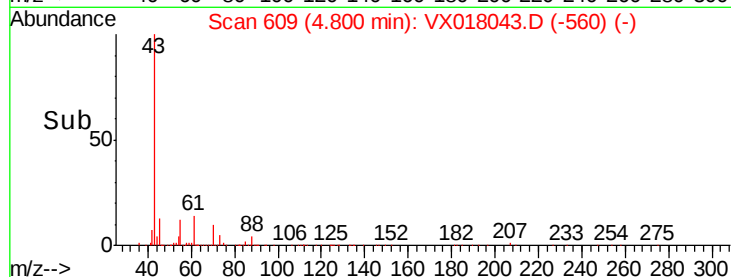
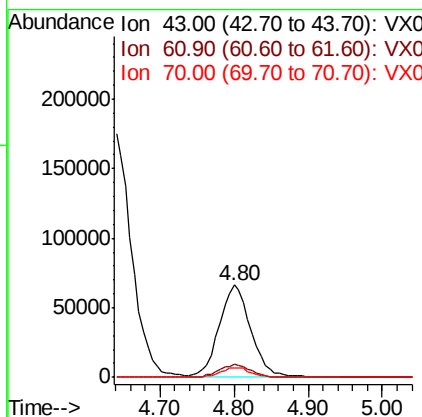
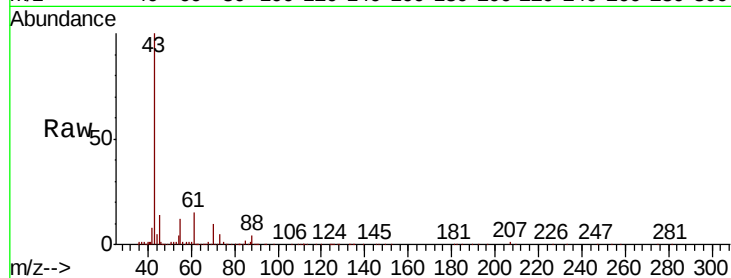




#37
Ethyl Acetate
Concen: 18.408 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

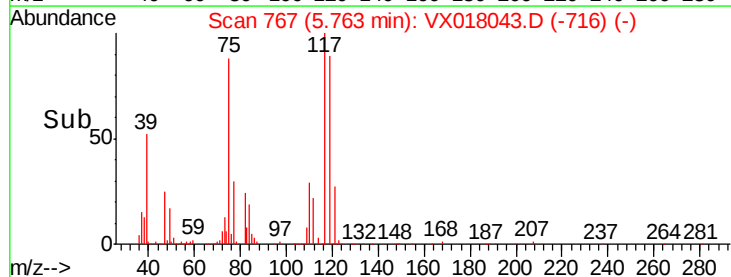
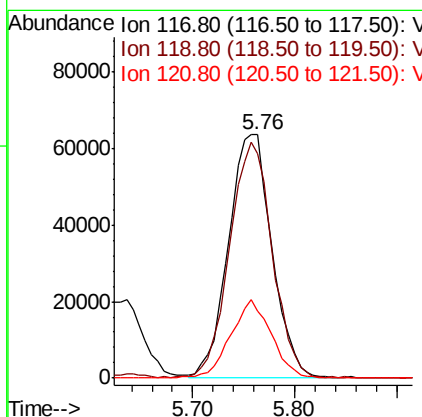
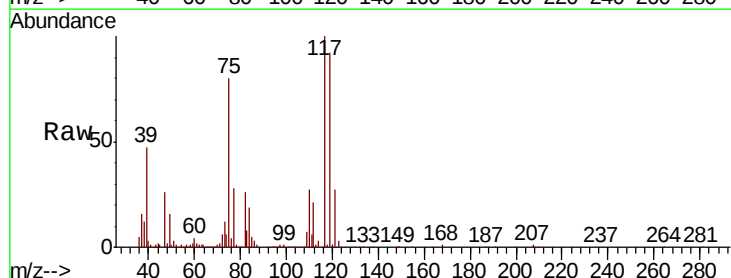
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

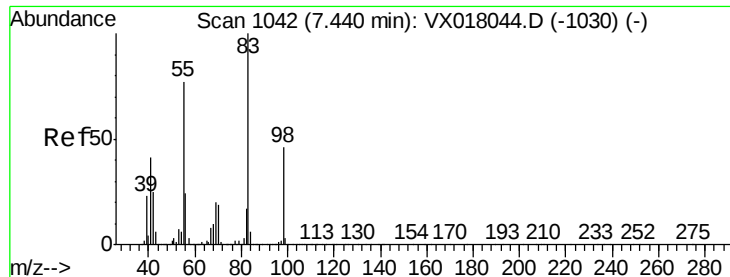
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.2	8.2	12.4



#38
Carbon Tetrachloride
Concen: 19.900 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.8	113.6
121	27.4	23.4	35.0

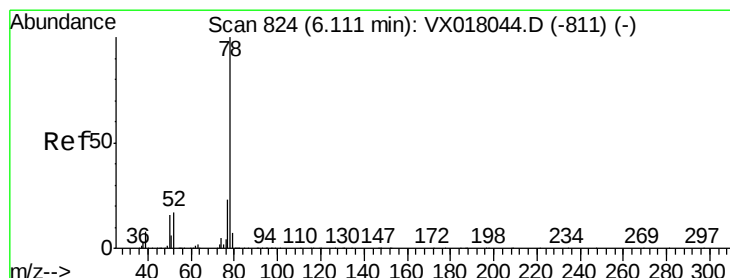
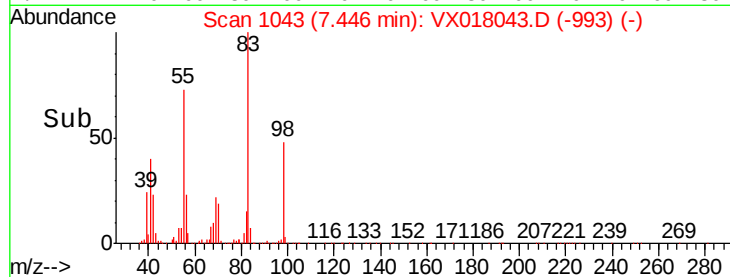
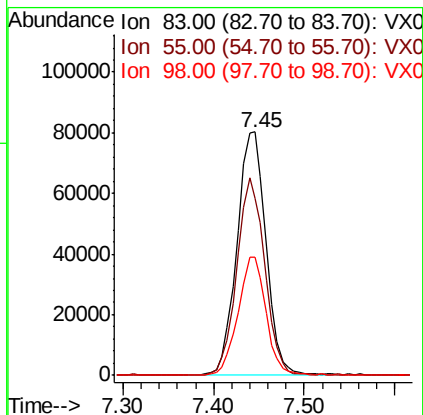
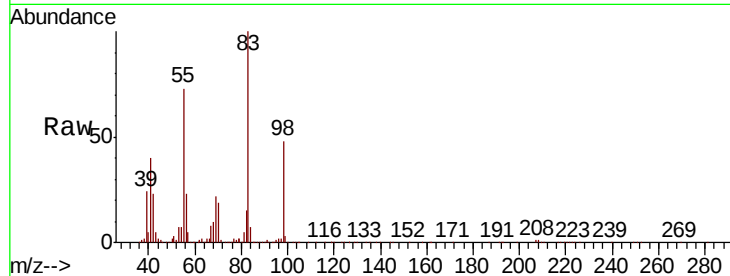




#39
Methvlcvclohexane
Concen: 16.279 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

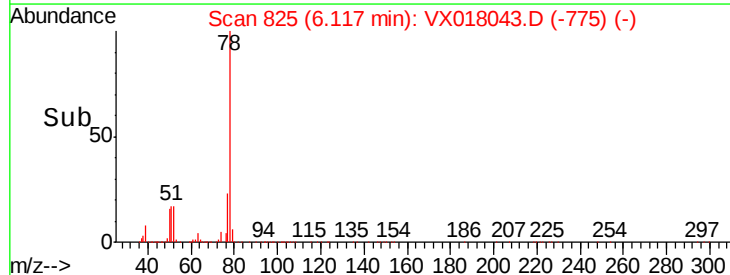
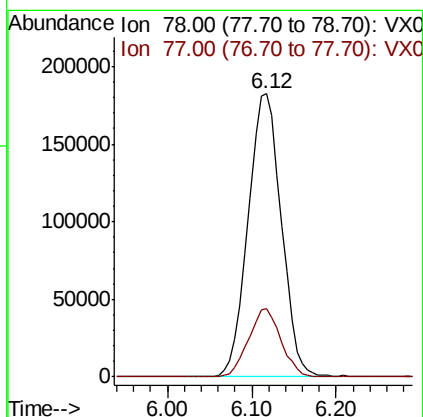
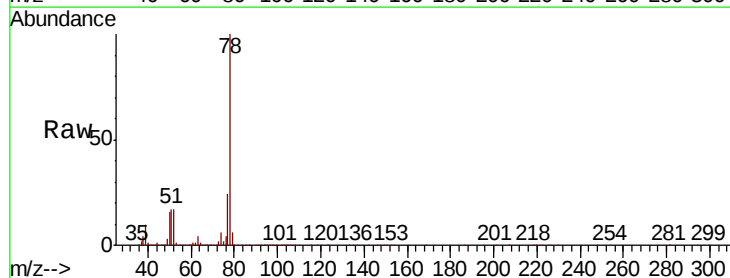
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

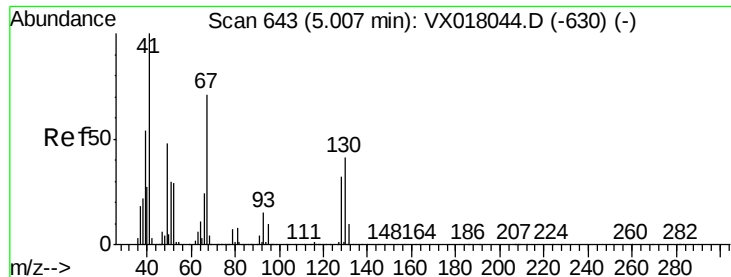
Tot Ion: 83 Resp: 177217
Ion Ratio Lower Upper
83 100
55 72.4 61.8 92.6
98 48.5 36.6 55.0



#40
Benzene
Concen: 18.283 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 78 Resp: 489491
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.2

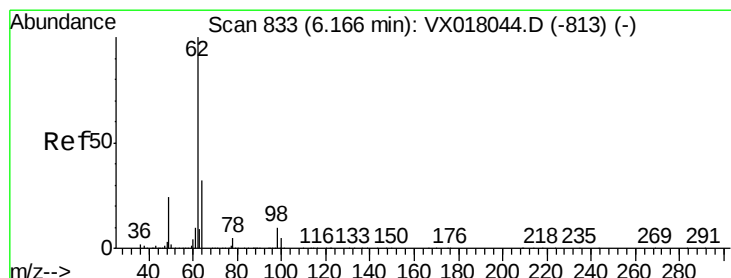
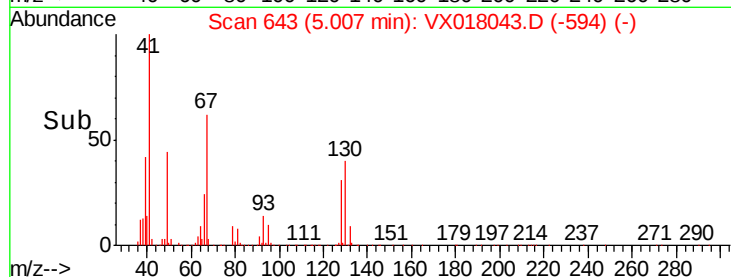
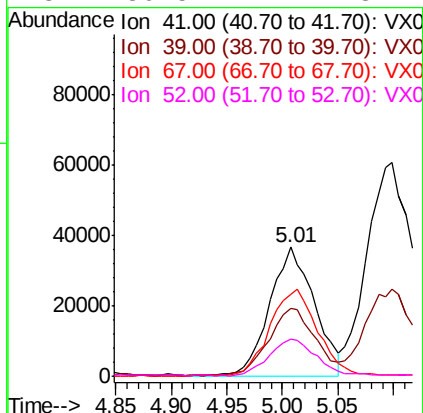
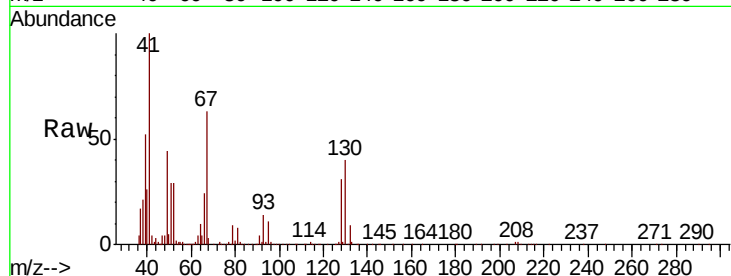




#41
Methacrylonitrile
Concen: 17.801 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

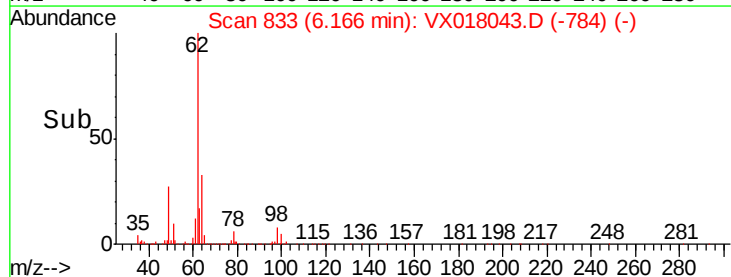
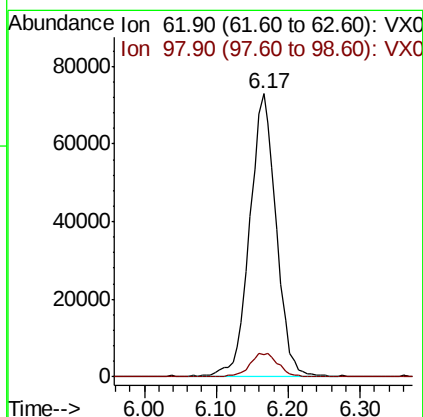
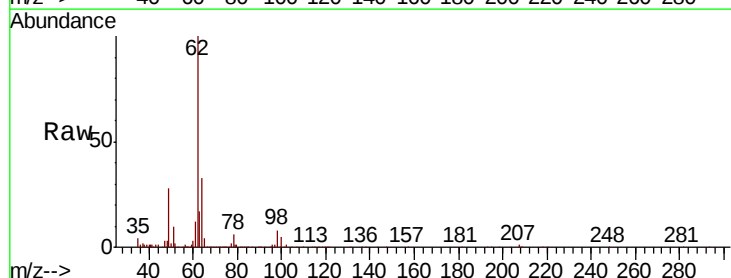
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

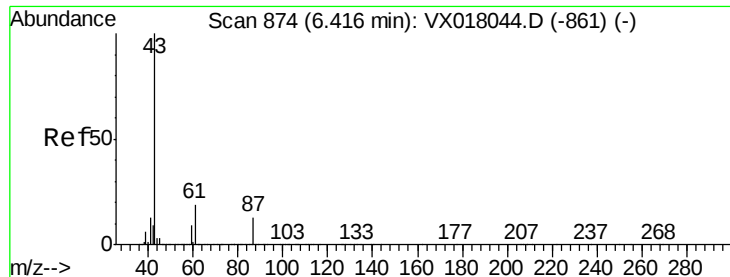
Tot Ion:	41	Resp:	101594
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.1	64.7
67	74.1	56.0	84.0
52	30.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.163 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion:	62	Resp:	186712
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2



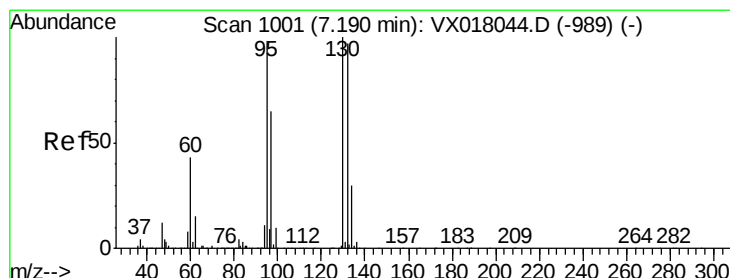
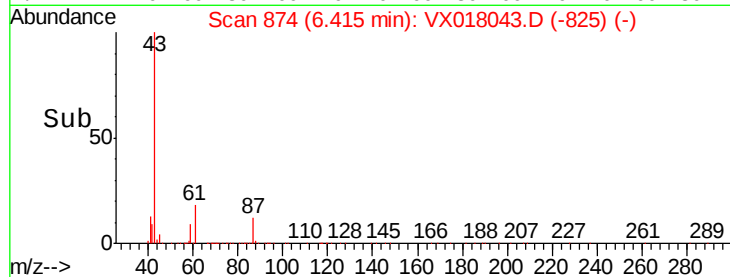
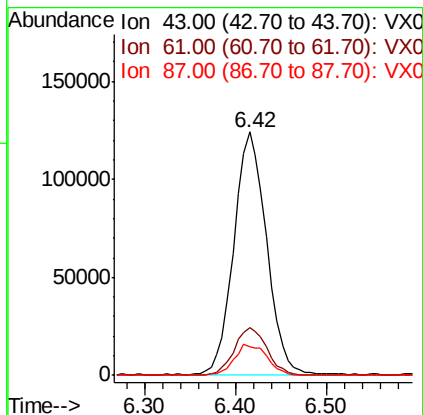
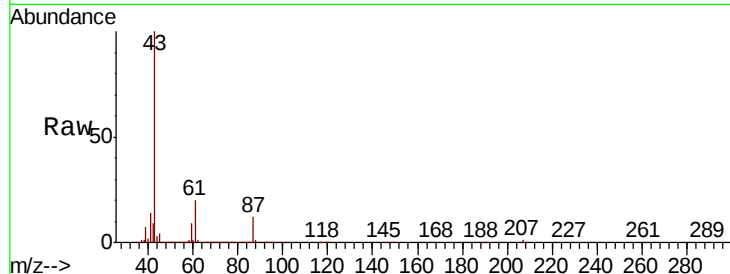


#43

Isopropyl Acetate
 Concen: 18.290 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

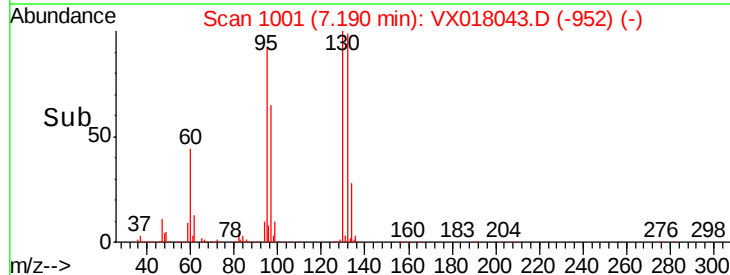
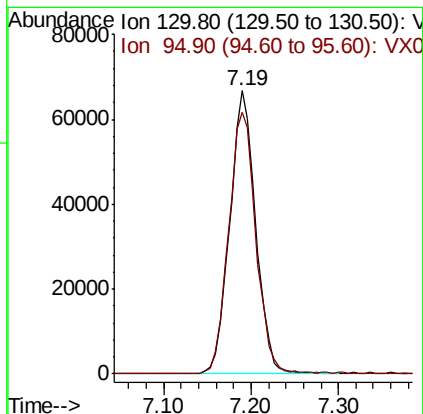
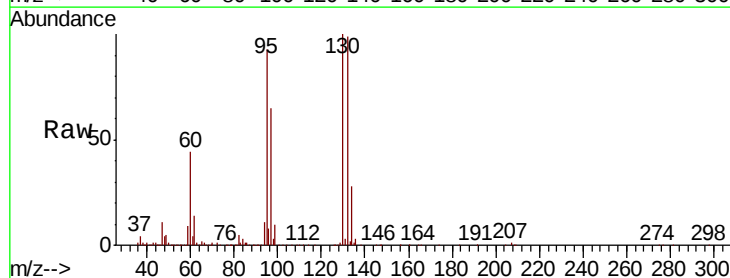
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.1	10.3	15.5



#44

Trichloroethene
 Concen: 14.856 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.4

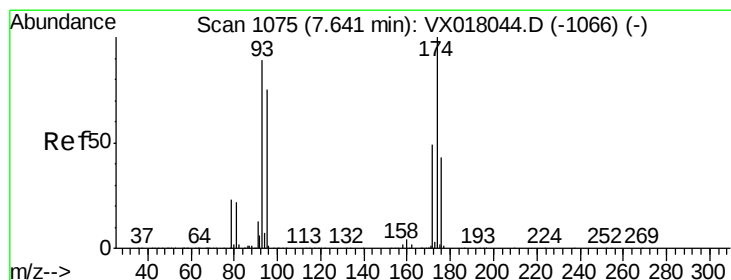
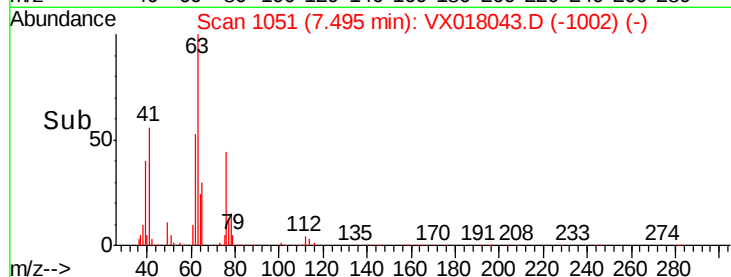
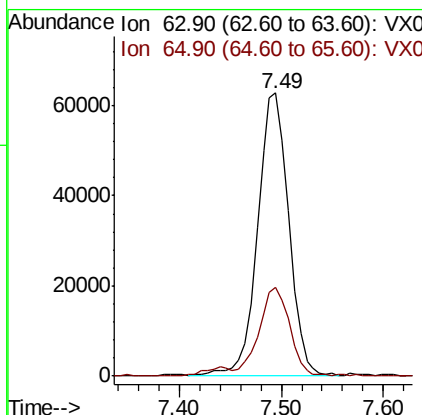
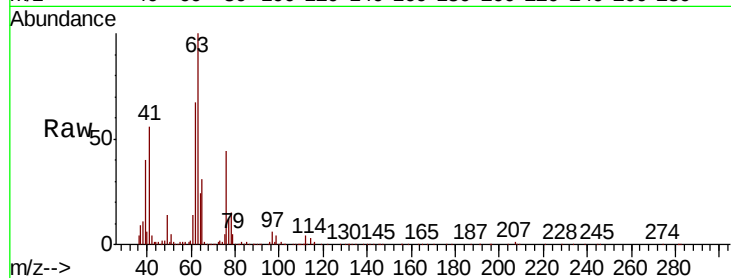




#45
 1,2-Dichloropropane
 Concen: 19.352 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

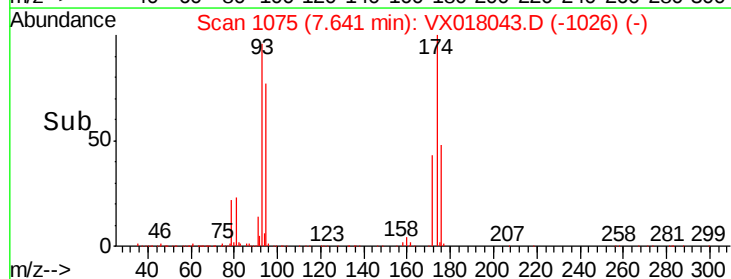
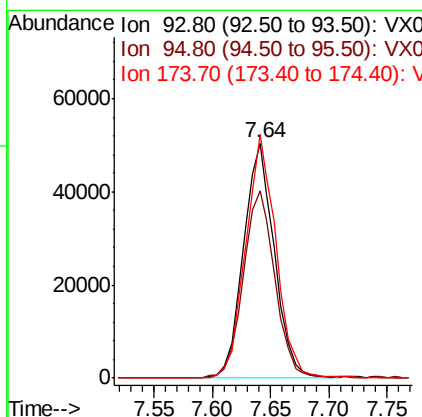
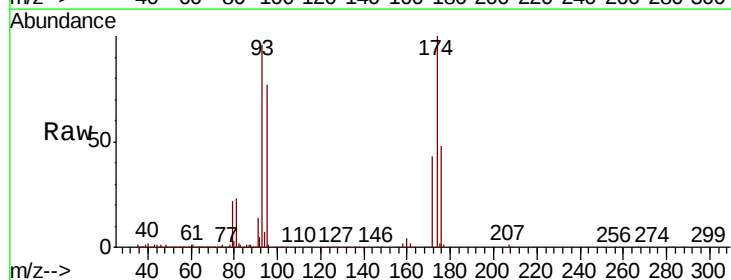
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

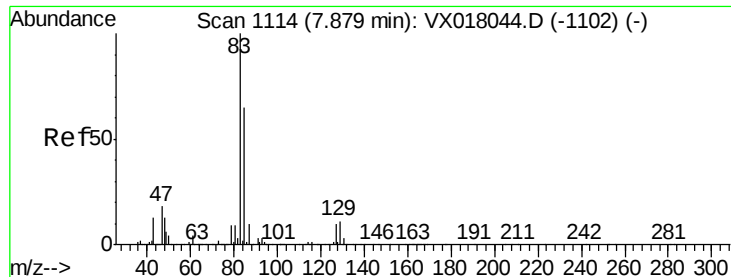
Tot Ion: 63 Resp: 132439
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 19.894 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 93 Resp: 92917
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.3 100.9
 174 102.0 82.2 123.2





#47

Bromodichloromethane

Concen: 18.950 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

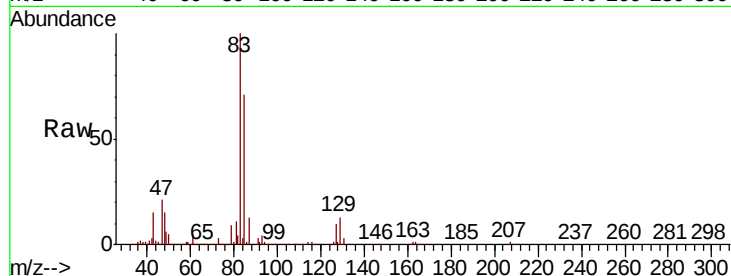
Tot Ion: 83 Resp: 179809

Ion Ratio Lower Upper

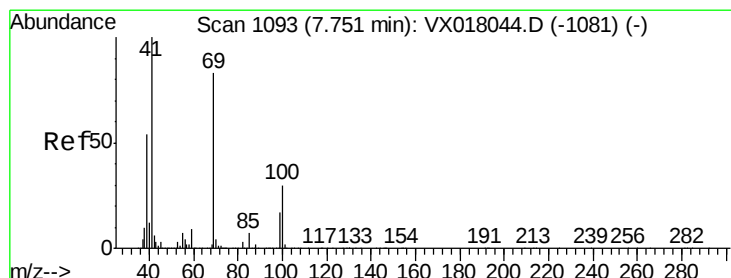
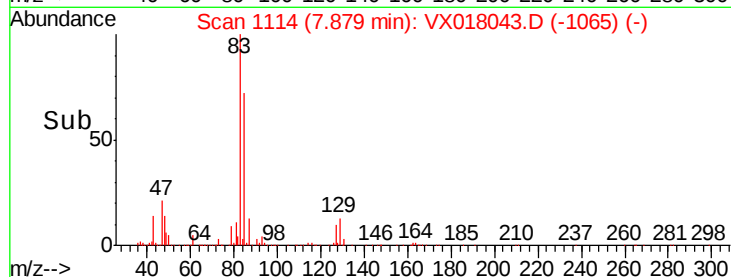
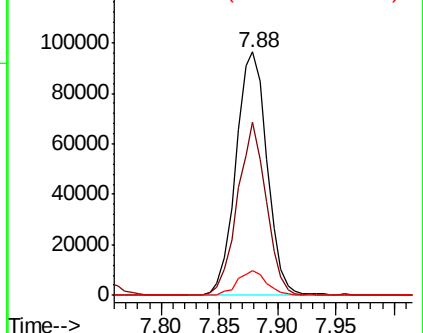
83 100

85 71.3 51.8 77.6

127 10.0 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: 18.615 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

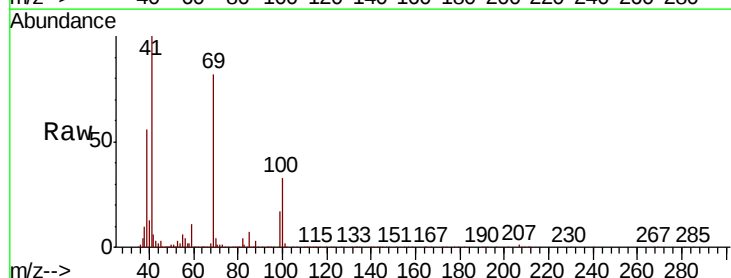
Tgt Ion: 41 Resp: 150495

Ion Ratio Lower Upper

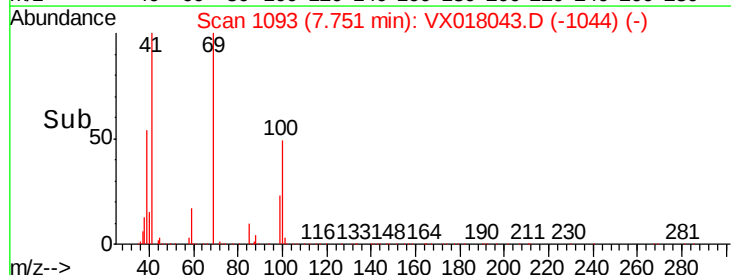
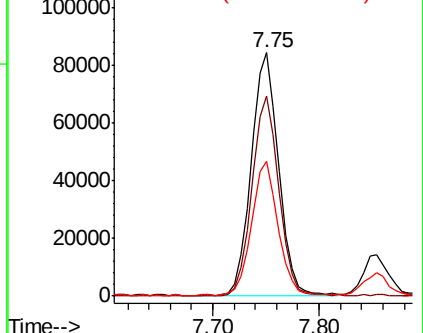
41 100

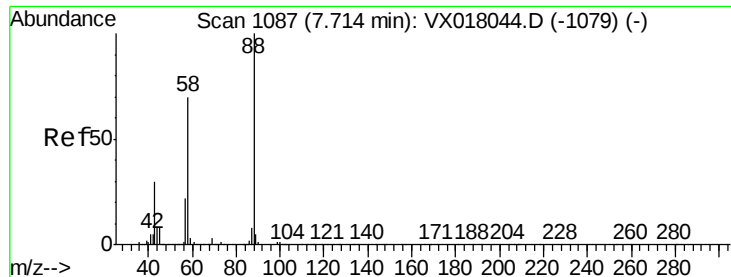
69 81.8 65.5 98.3

39 53.3 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

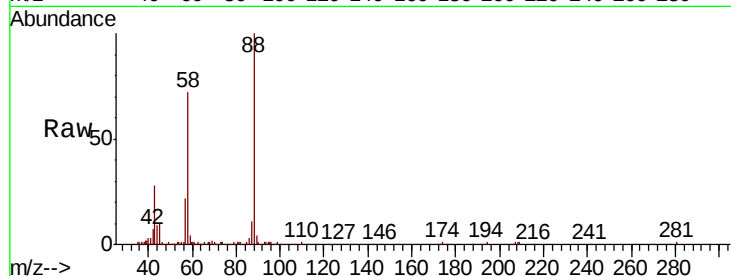




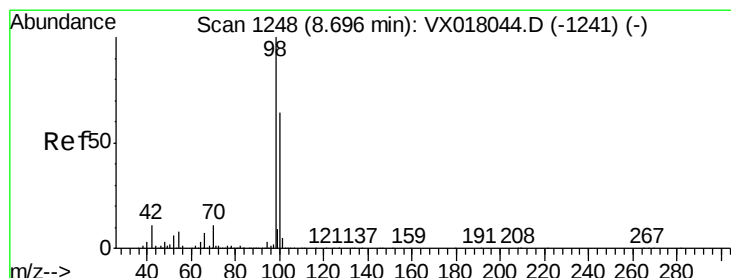
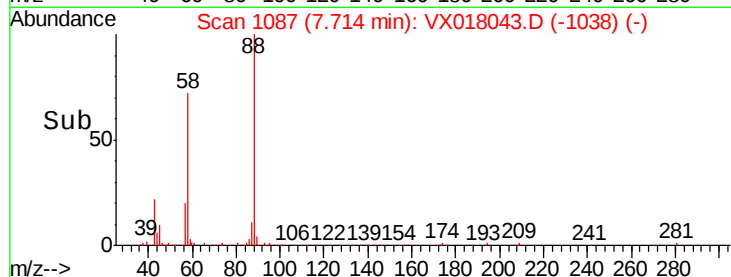
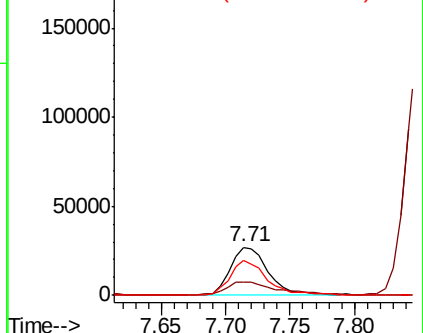
#49
1,4-Dioxane
Concen: 292.264 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 54831
Ion Ratio Lower Upper
88 100
43 34.1 27.4 41.0
58 72.5 56.4 84.6

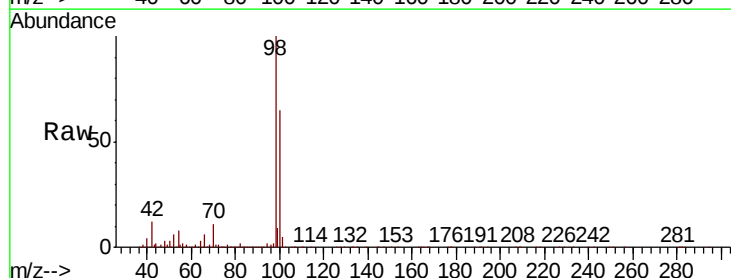


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

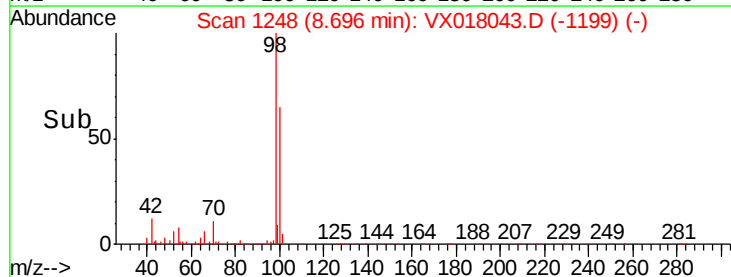
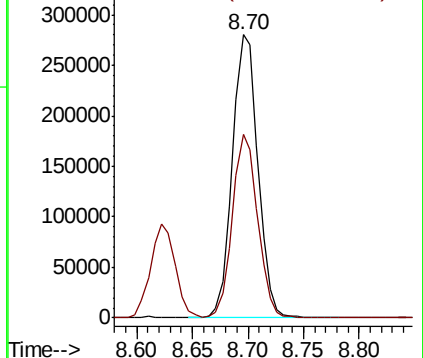


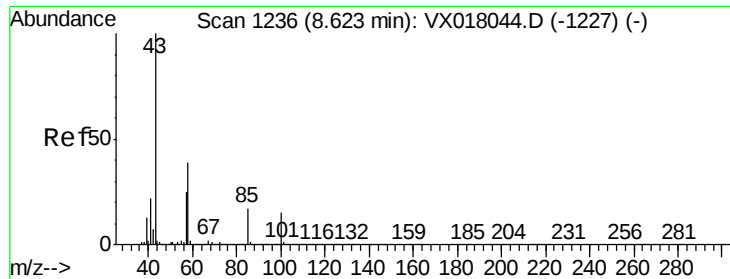
#50
Toluene-d8
Concen: 19.215 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 98 Resp: 445437
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



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





#51

4-Methyl-2-Pentanone

Concen: 94.069 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

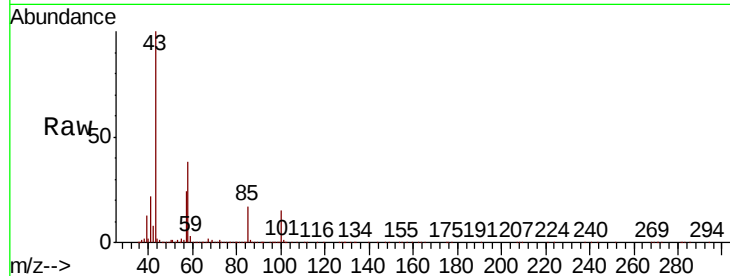
VSTDIC020

Tot Ion: 43 Resp: 975906

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

600000

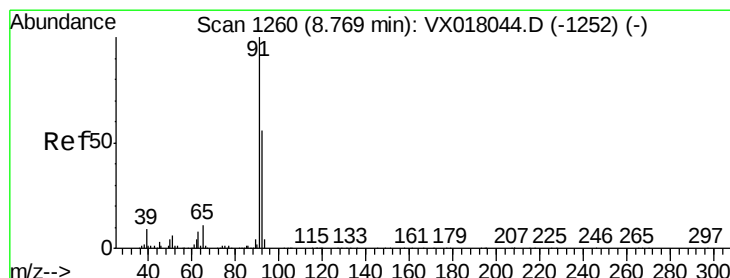
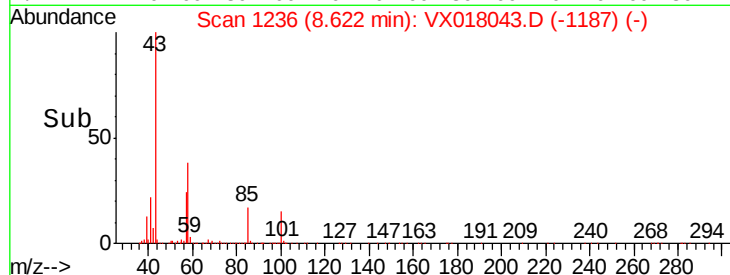
400000

200000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 18.476 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018043.D

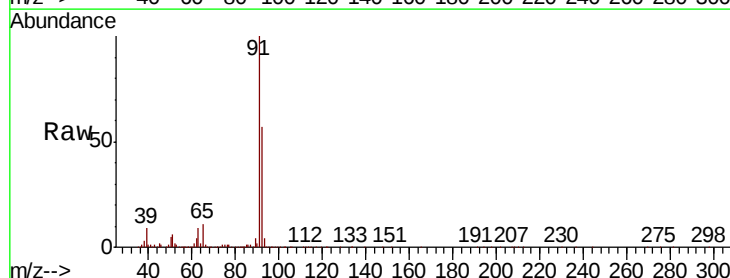
Acq: 20 Aug 2020 19:45

Tgt Ion: 92 Resp: 309042

Ion Ratio Lower Upper

92 100

91 174.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

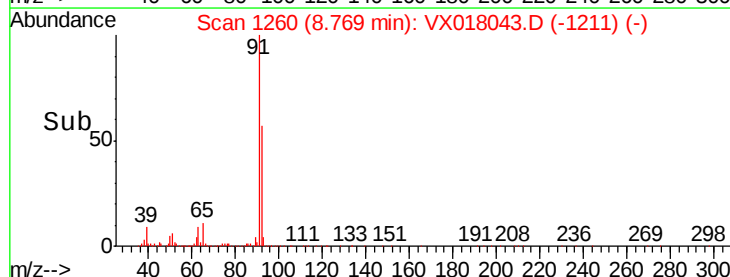
200000

100000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.158 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

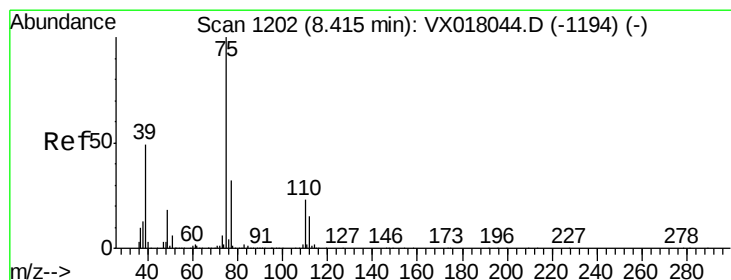
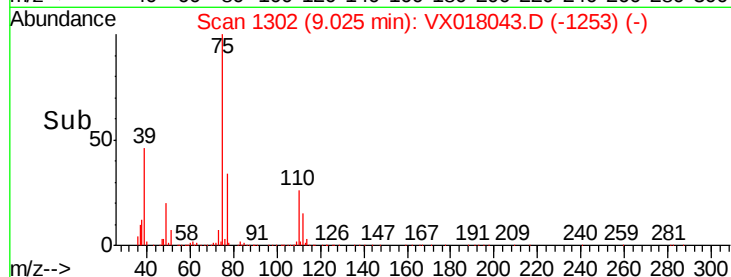
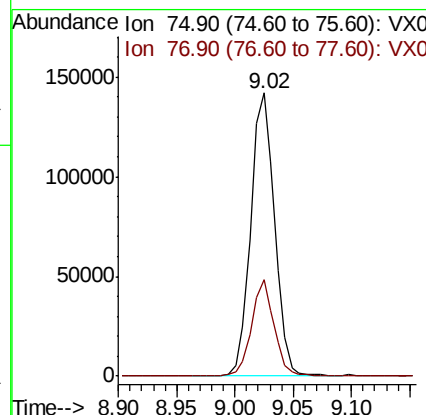
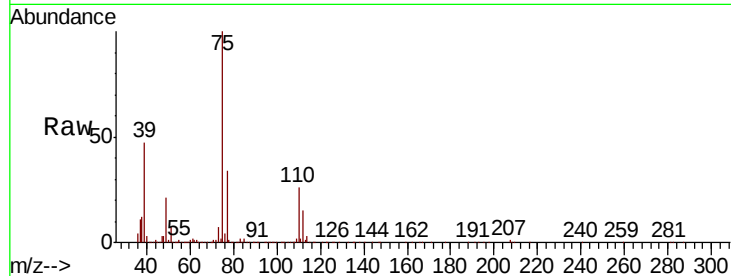
VSTDIC020

Tot Ion: 75 Resp: 203745

Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 18.418 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

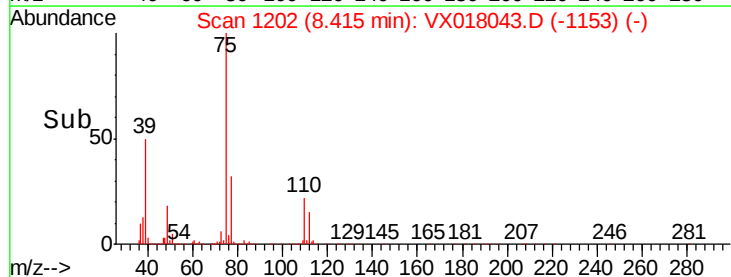
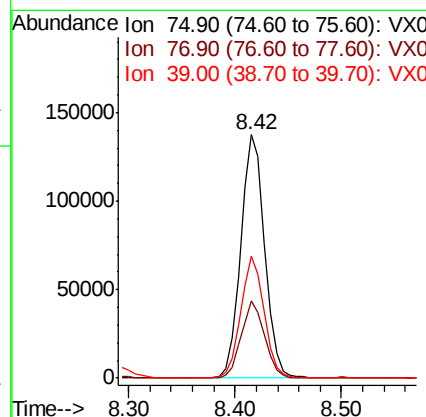
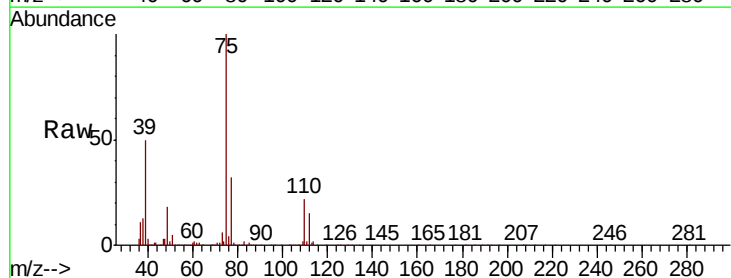
Tgt Ion: 75 Resp: 215770

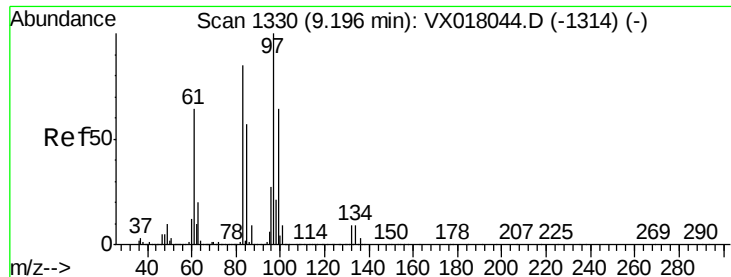
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 49.9 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.383 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 128993

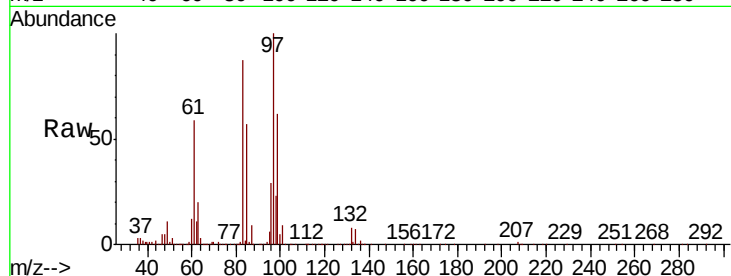
Ion Ratio Lower Upper

97 100

83 87.2 67.8 101.6

85 56.9 45.3 67.9

99 61.9 50.9 76.3

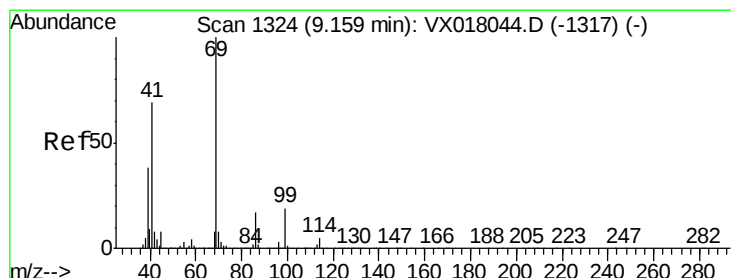
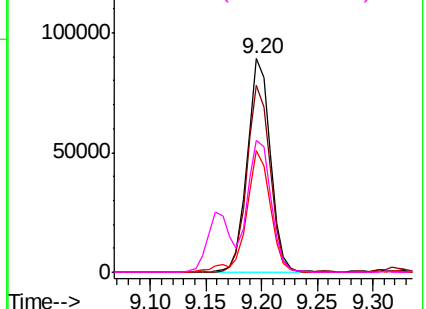
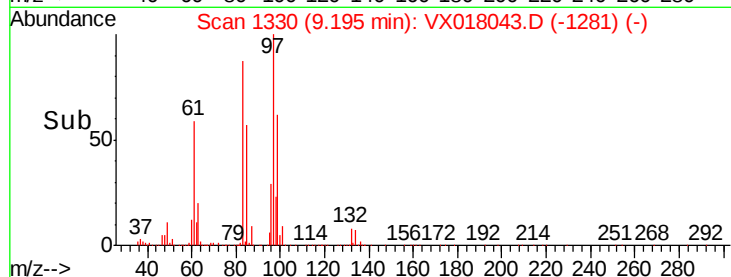


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.943 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

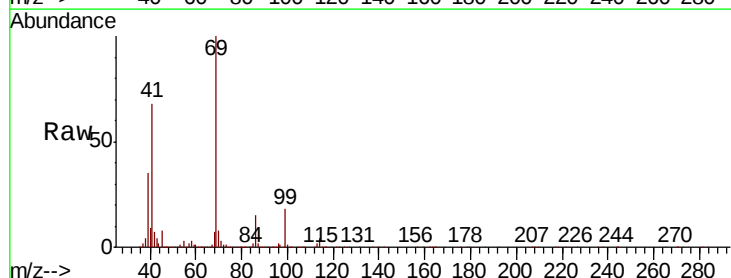
Tgt Ion: 69 Resp: 192164

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

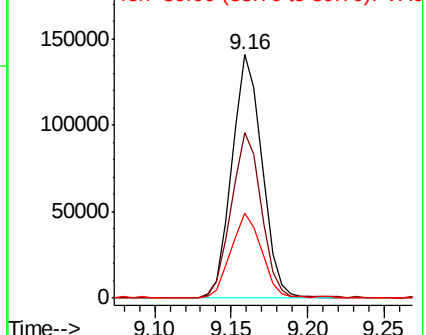
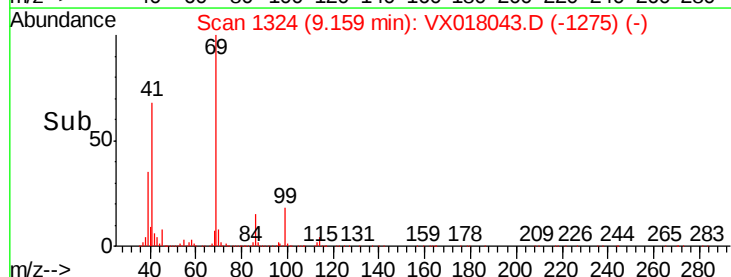
39 35.8 29.1 43.7

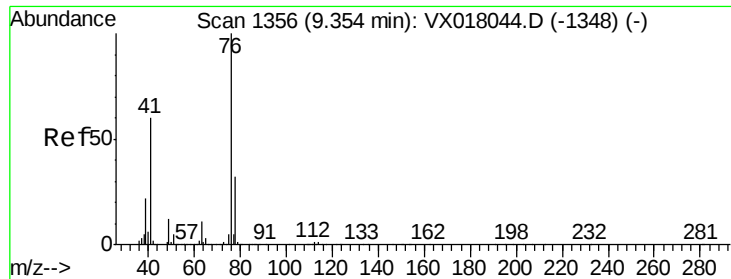


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.941 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

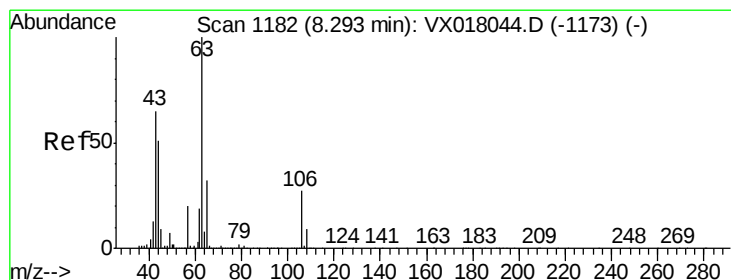
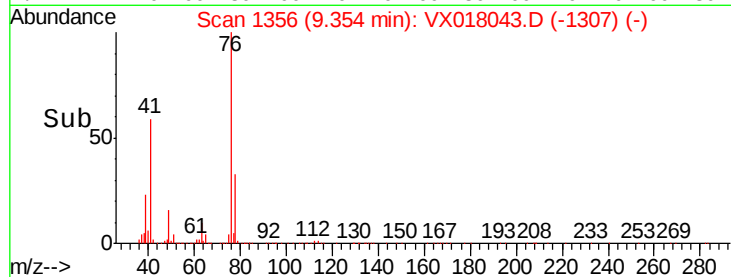
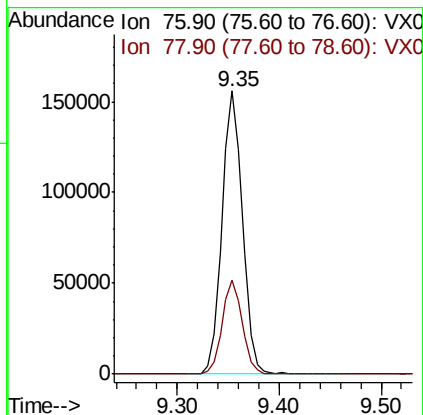
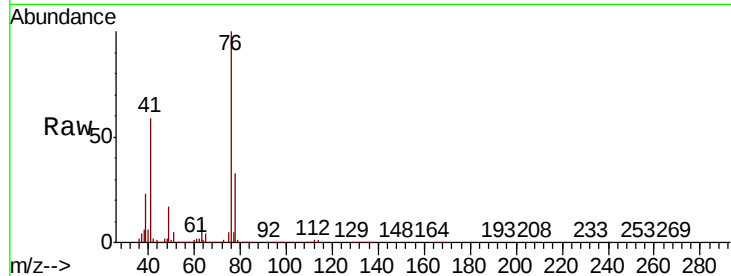
VSTDIC020

Tot Ion: 76 Resp: 218360

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 74.683 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018043.D

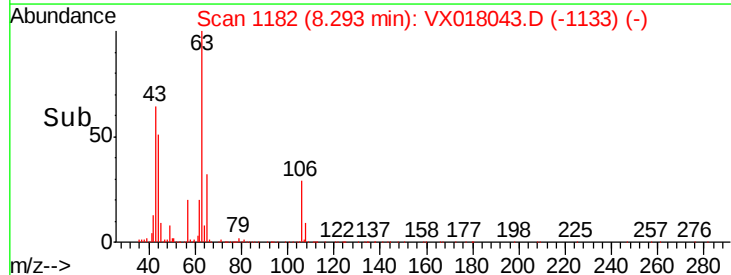
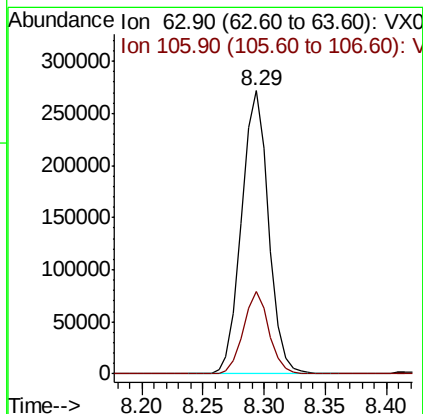
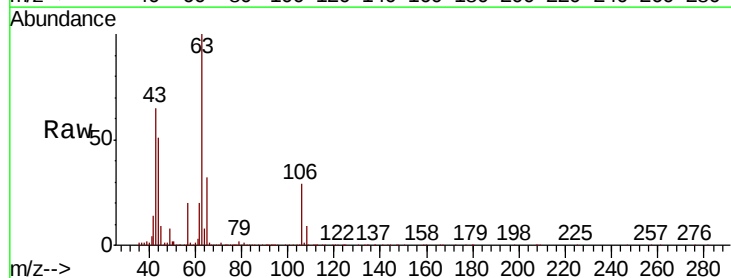
Acq: 20 Aug 2020 19:45

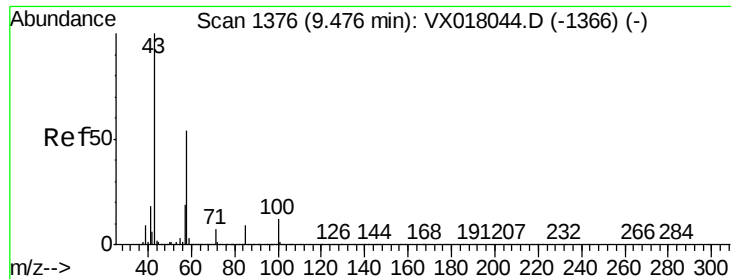
Tgt Ion: 63 Resp: 414754

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

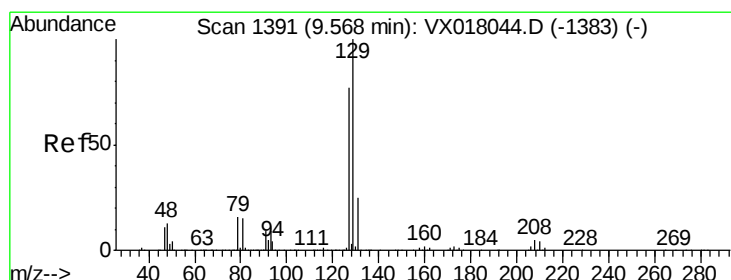
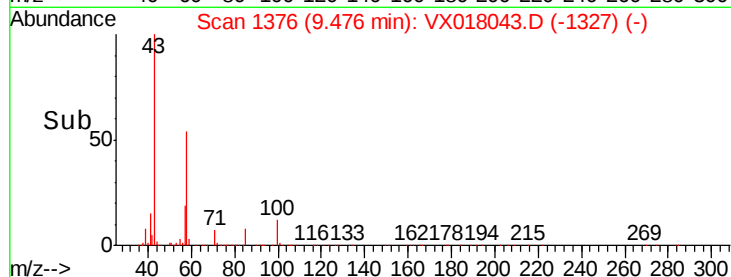
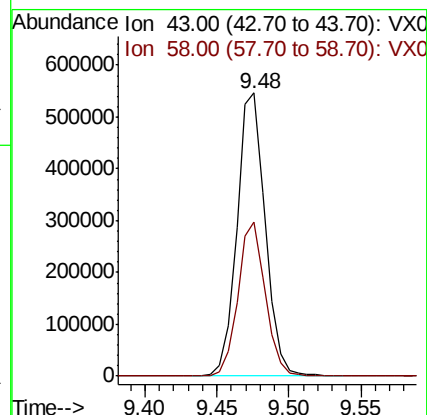
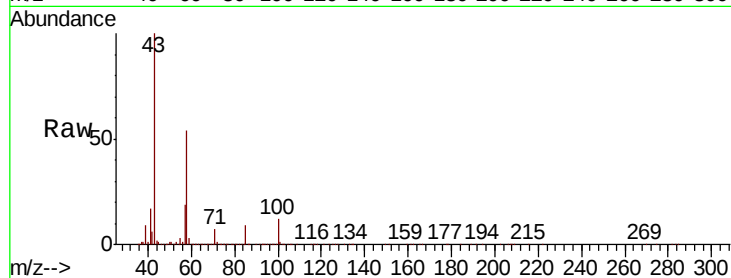




#59
2-Hexanone
Concen: 91.882 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

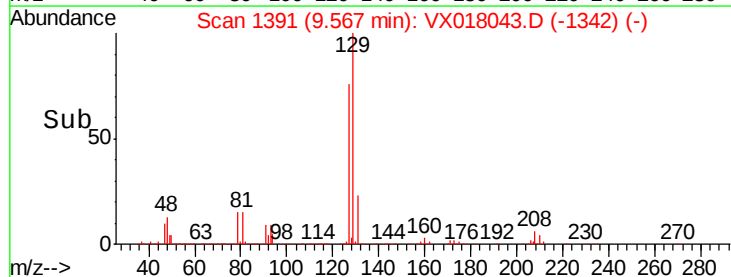
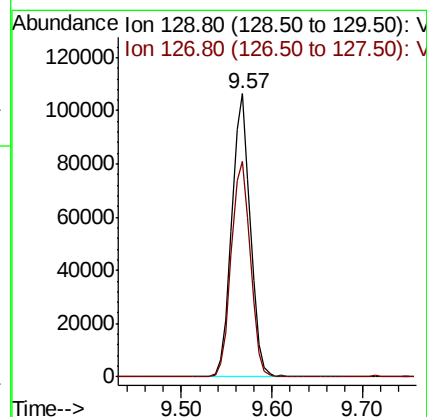
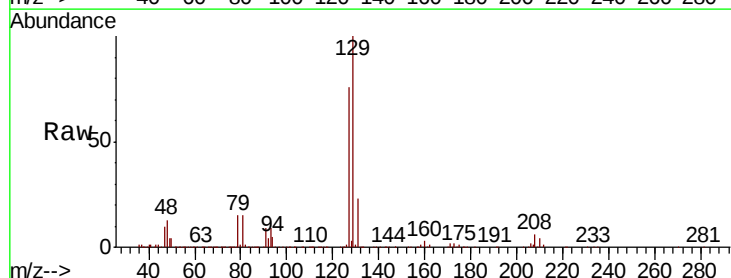
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

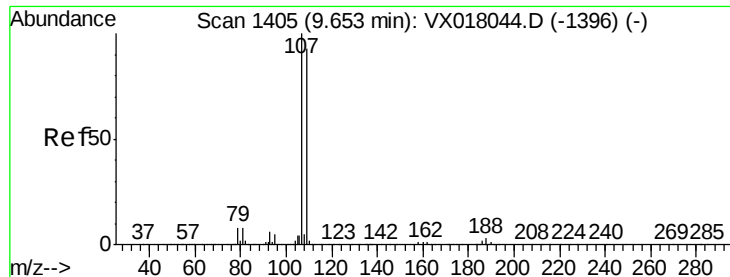
Tot Ion: 43 Resp: 747632
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7



#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 129 Resp: 150913
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.732 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampled :

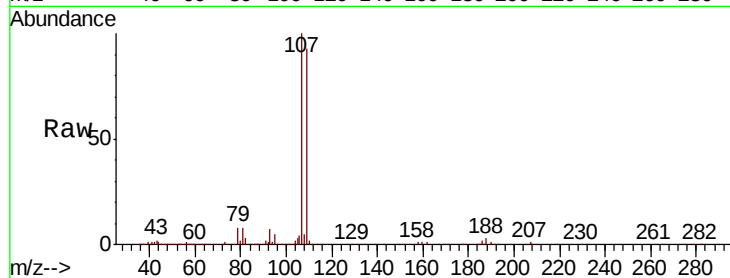
VSTDIC020

Tot Ion: 107 Resp: 142042

Ion Ratio Lower Upper

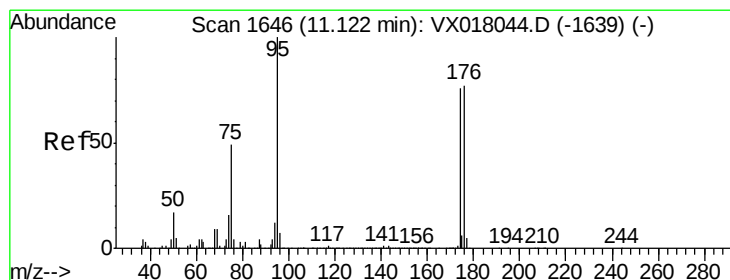
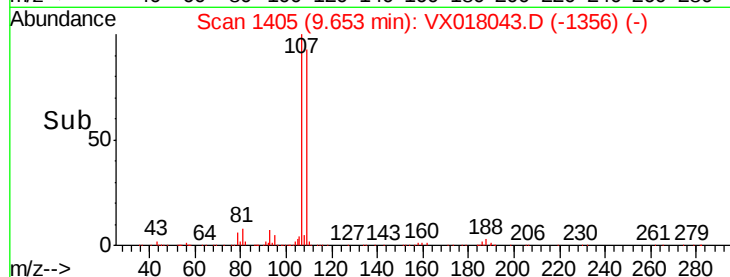
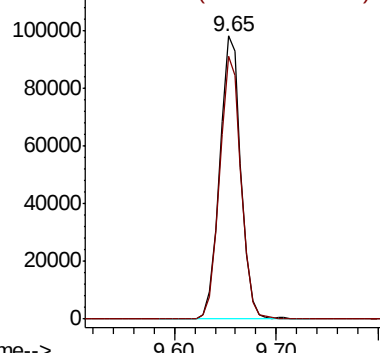
107 100

109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.688 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

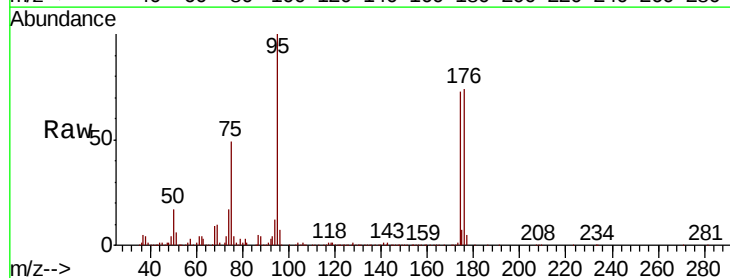
Tgt Ion: 95 Resp: 174826

Ion Ratio Lower Upper

95 100

174 77.9 0.0 160.2

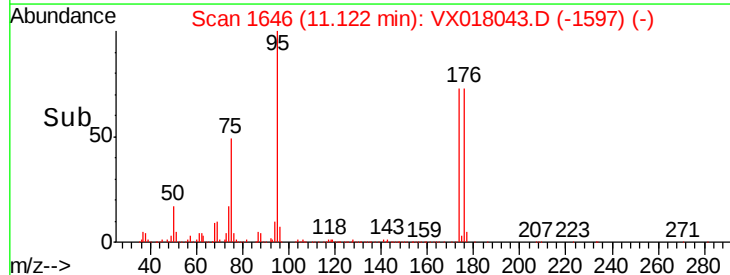
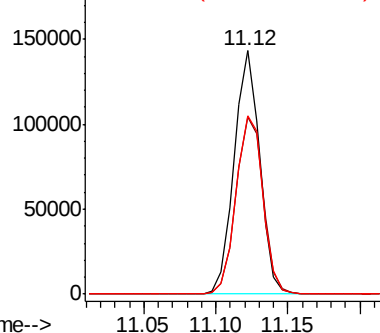
176 77.3 0.0 155.8

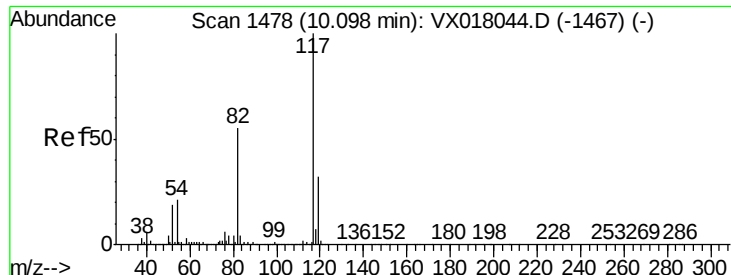


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

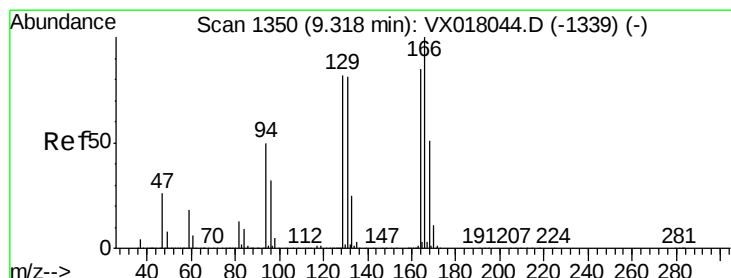
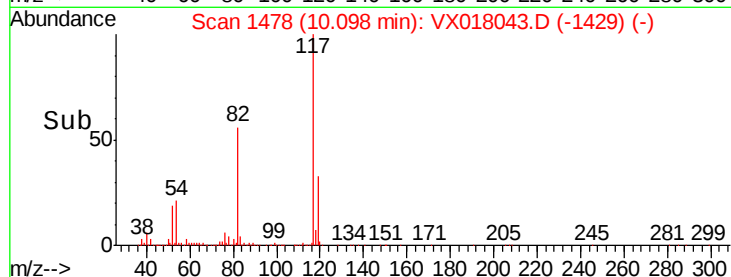
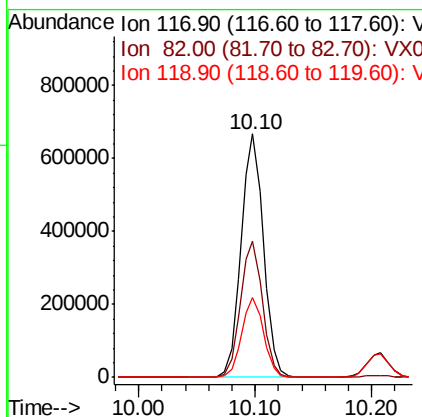
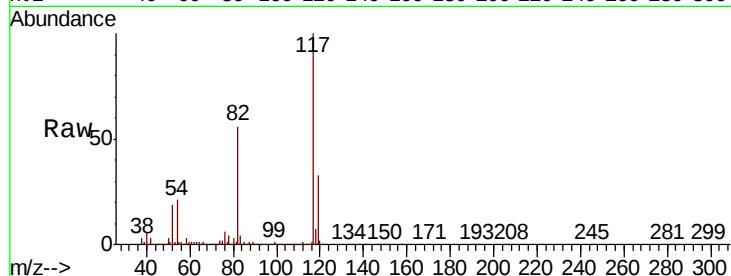




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

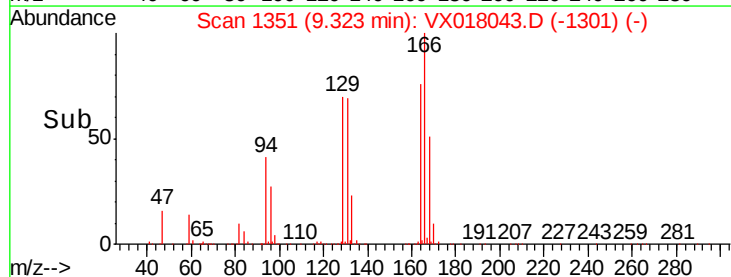
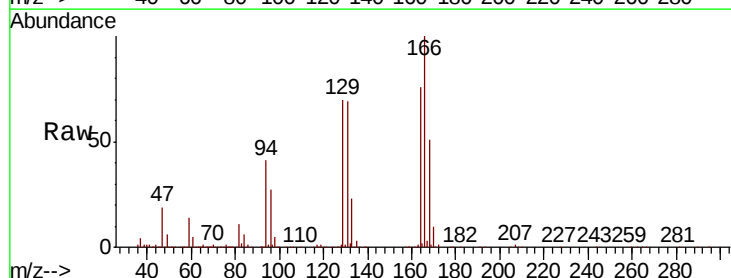
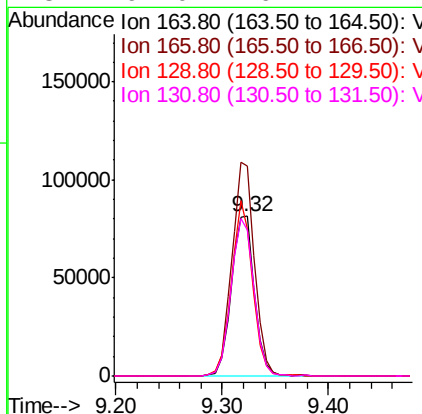
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

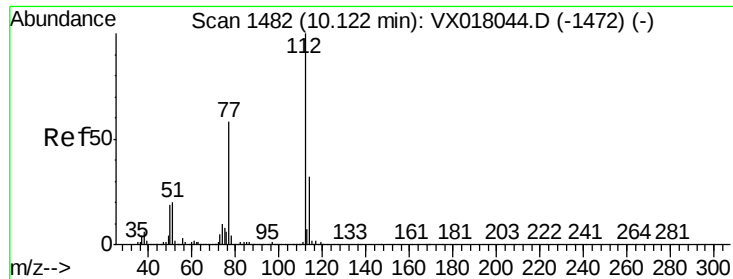
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	32.6	25.7	38.5



#64
Tetrachloroethene
Concen: 12.000 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	94.2	141.2
129	92.5	76.9	115.3
131	91.0	76.1	114.1





#65

Chlorobenzene

Concen: 18.829 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

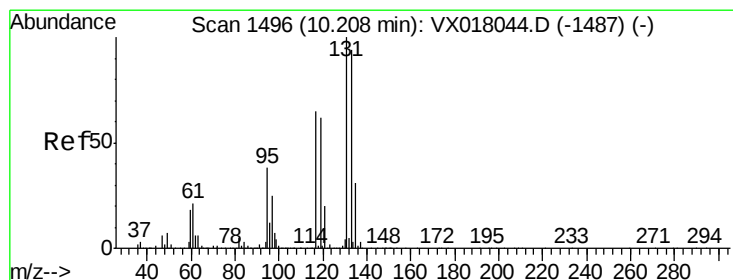
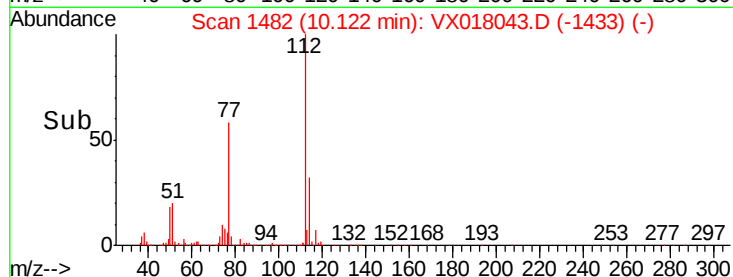
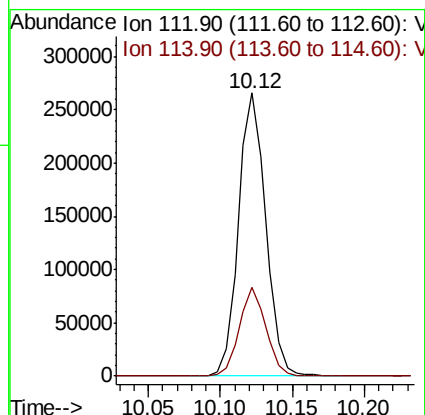
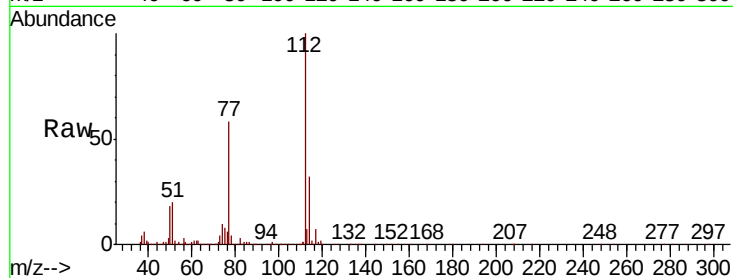
VSTDIC020

Tot Ion:112 Resp: 350874

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.391 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

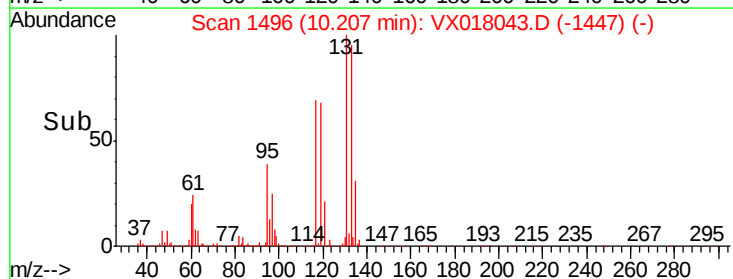
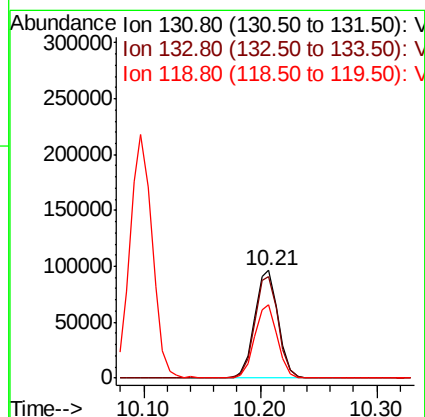
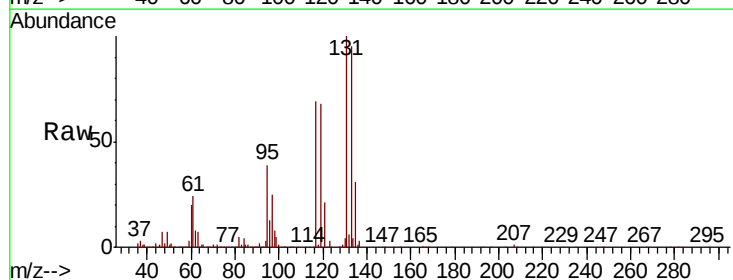
Tgt Ion:131 Resp: 134835

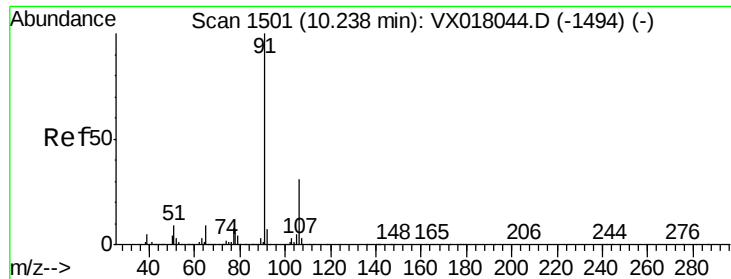
Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.1

119 66.6 31.8 95.4

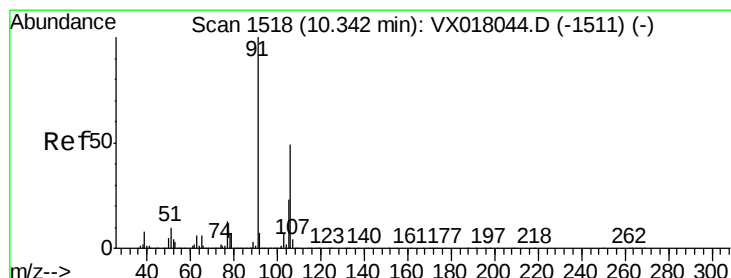
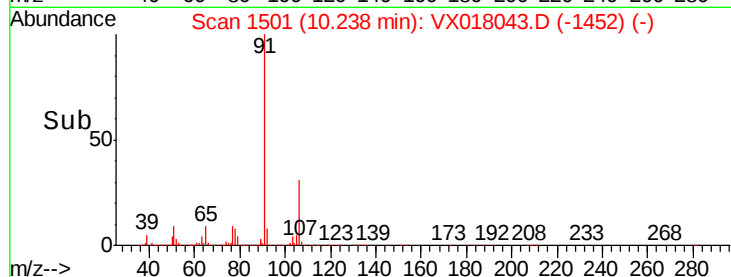
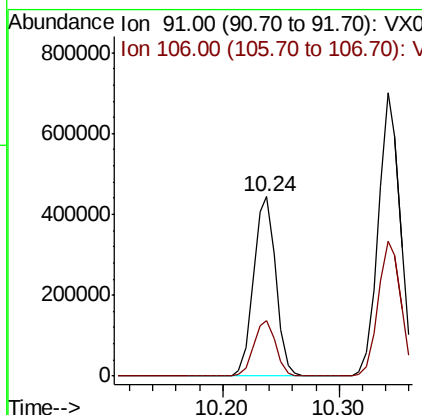
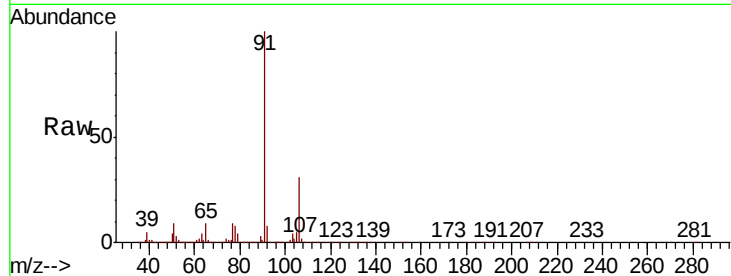




#67
Ethyl Benzene
Concen: 17.865 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

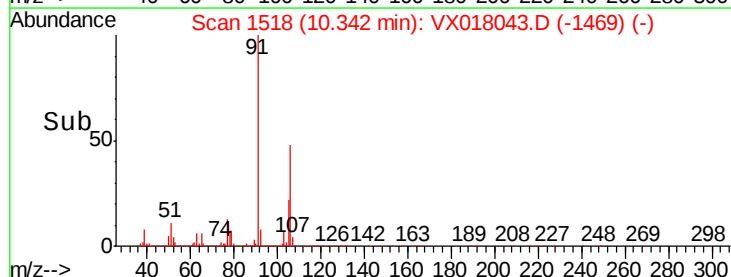
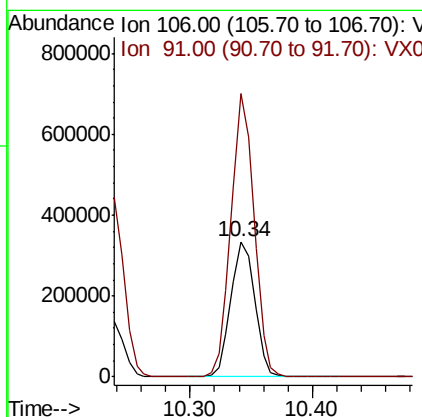
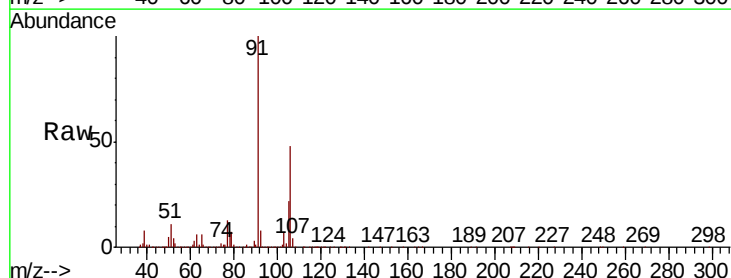
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

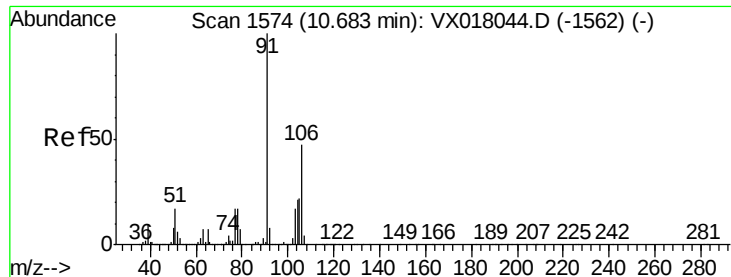
Tot Ion: 91 Resp: 590540
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 36.489 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion: 106 Resp: 452049
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.2

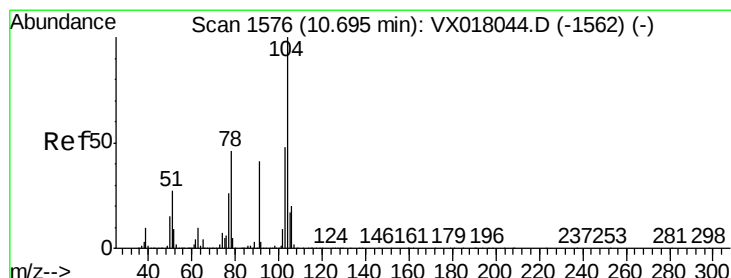
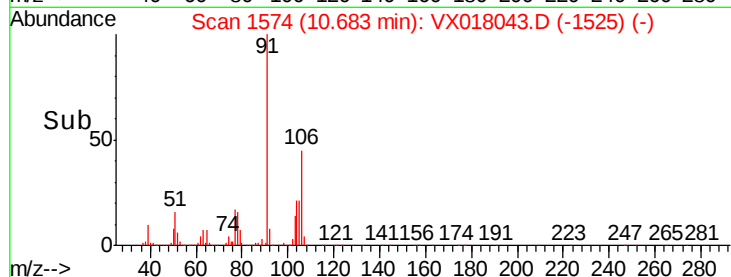
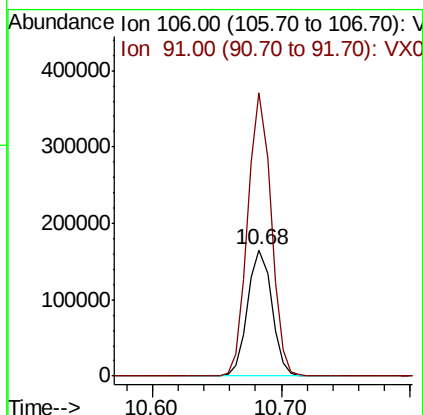
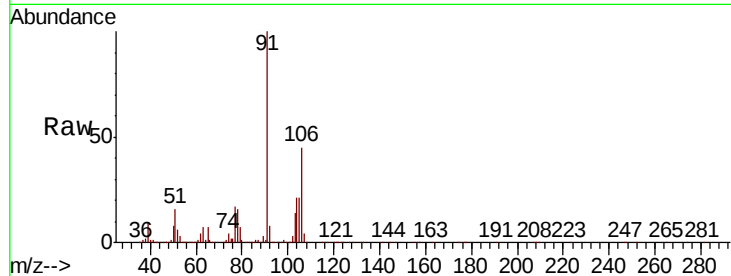




#69
o-Xylene
Concen: 18.044 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

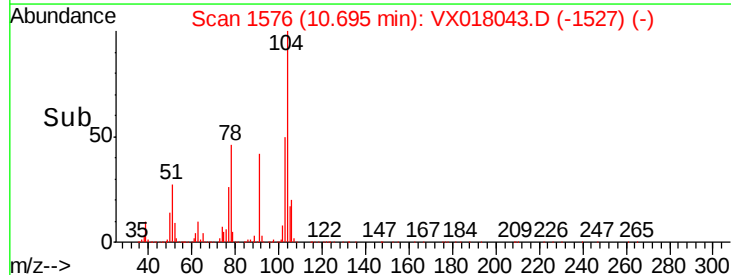
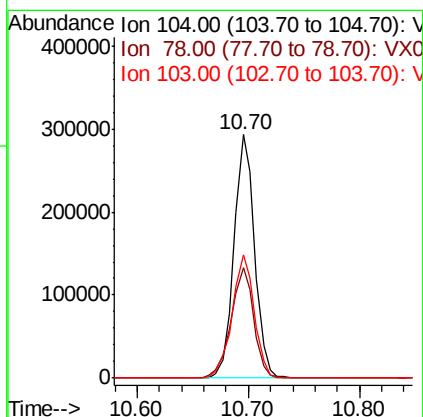
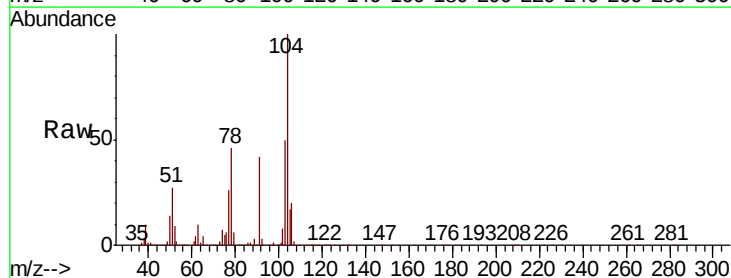
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

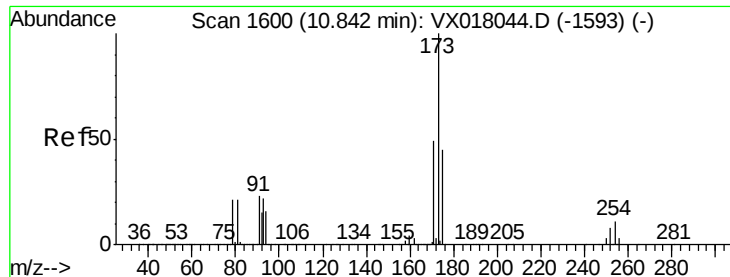
Tot Ion:106 Resp: 214481
Ion Ratio Lower Upper
106 100
91 215.7 107.1 321.3



#70
Styrene
Concen: 18.428 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion:104 Resp: 372780
Ion Ratio Lower Upper
104 100
78 50.5 40.9 61.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 20.087 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

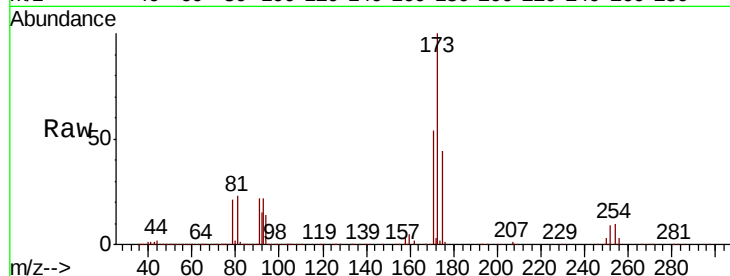
Tot Ion:173 Resp: 114304

Ion Ratio Lower Upper

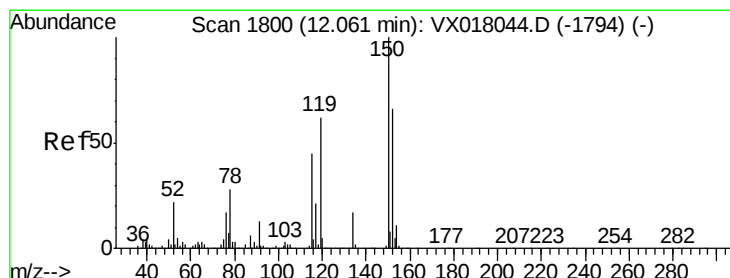
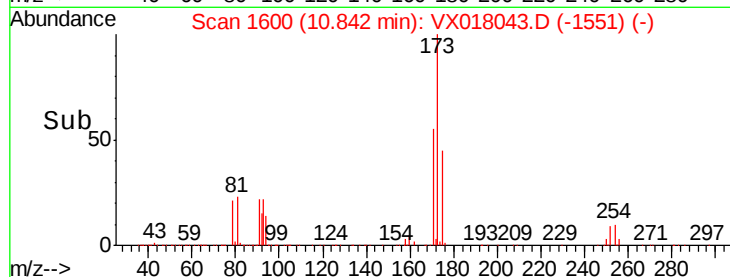
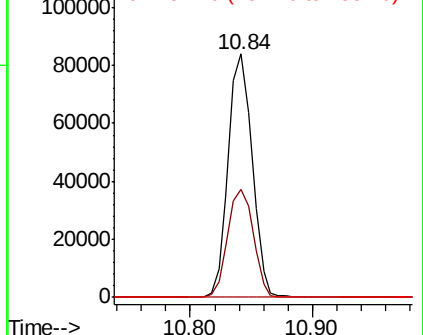
173 100

175 47.5 23.9 71.8

254 0.1 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: VX018043.D

Acq: 20 Aug 2020 19:45

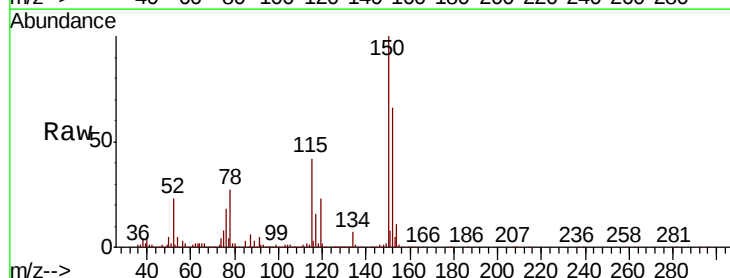
Tgt Ion:152 Resp: 448630

Ion Ratio Lower Upper

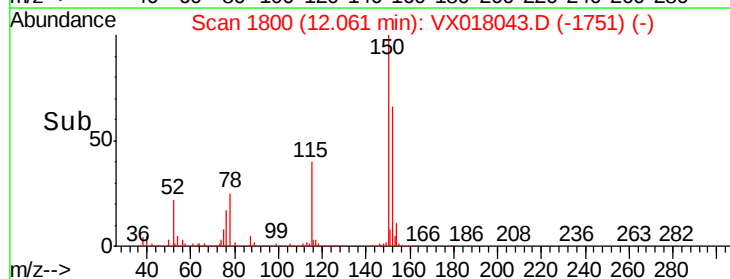
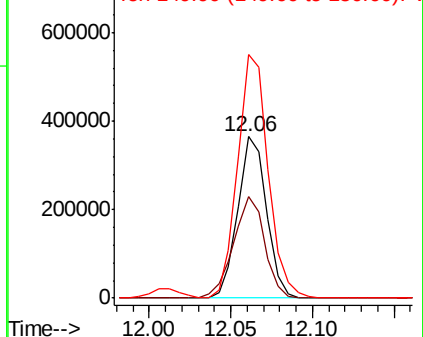
152 100

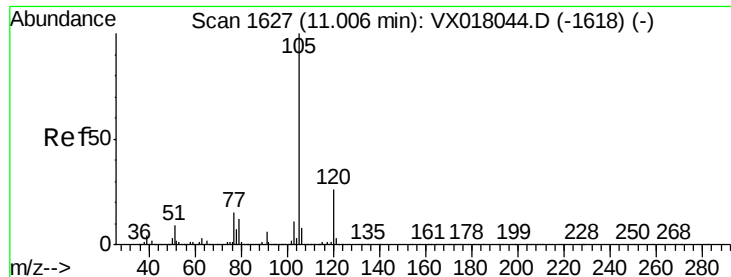
115 68.0 41.5 124.5

150 160.6 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: 17.734 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

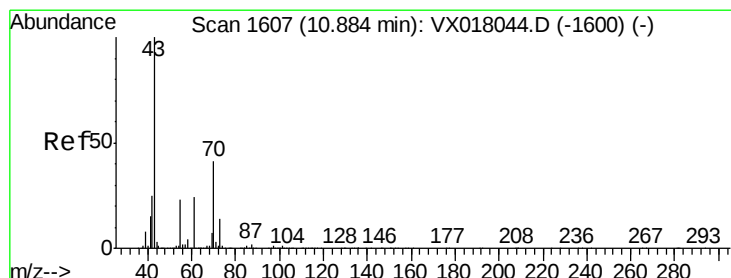
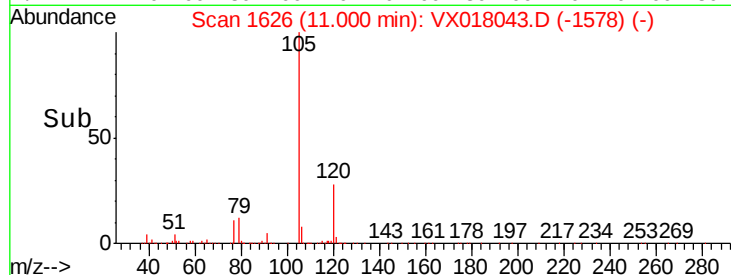
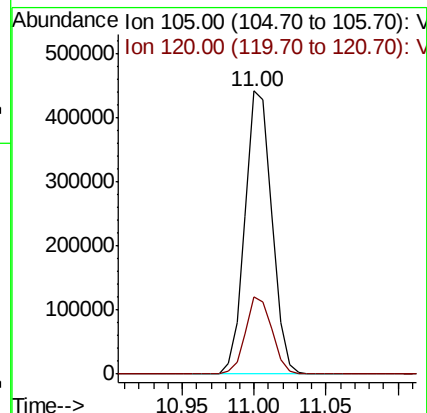
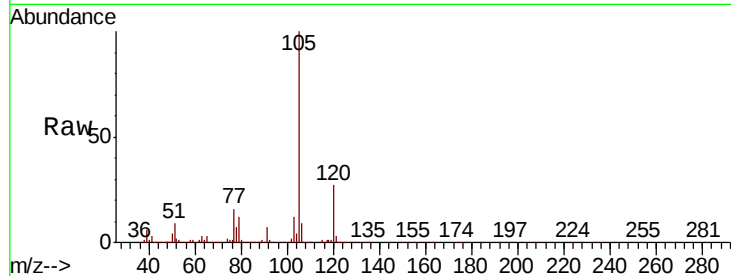
VSTDIC020

Tot Ion:105 Resp: 573274

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 17.683 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Tgt Ion: 43 Resp: 268342

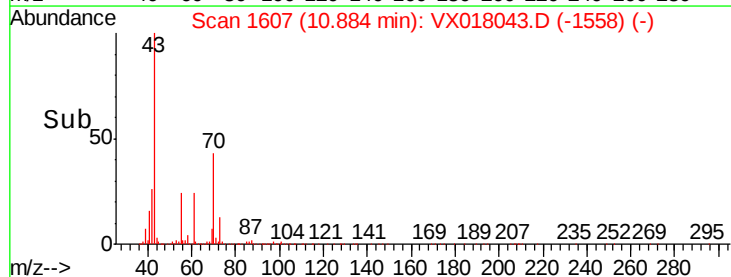
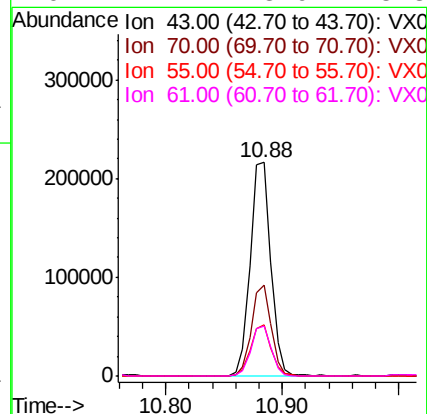
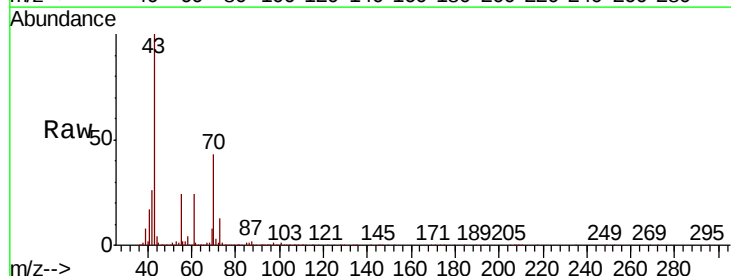
Ion Ratio Lower Upper

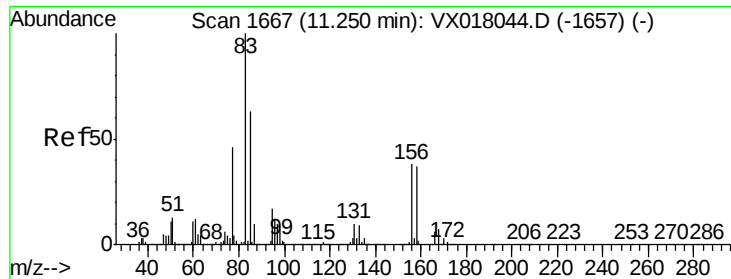
43 100

70 40.5 32.3 48.5

55 23.7 18.2 27.2

61 22.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 30.948 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

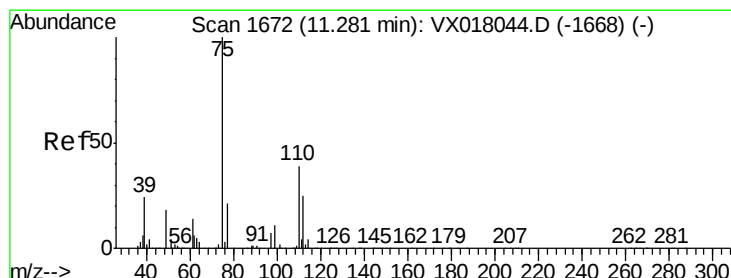
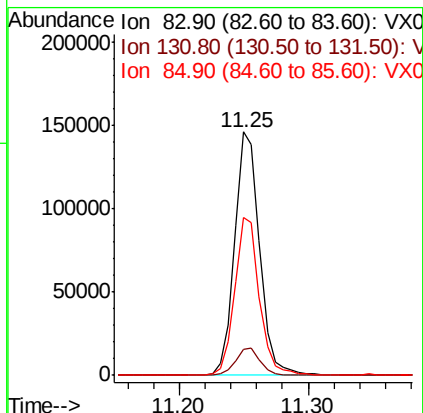
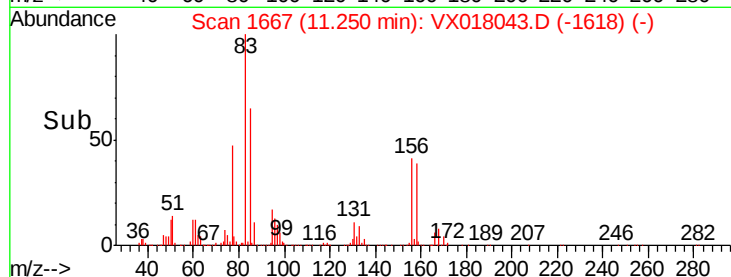
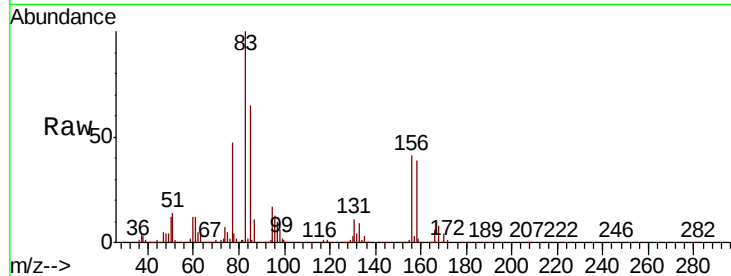
Tot Ion: 83 Resp: 197472

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

85 63.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 24.111 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018043.D

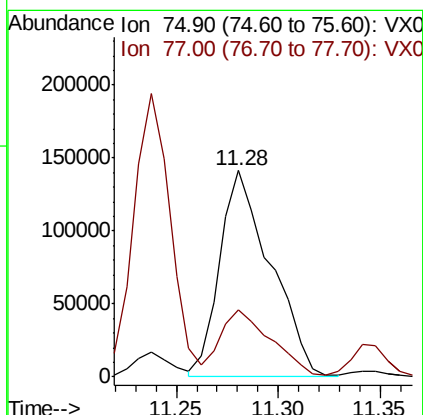
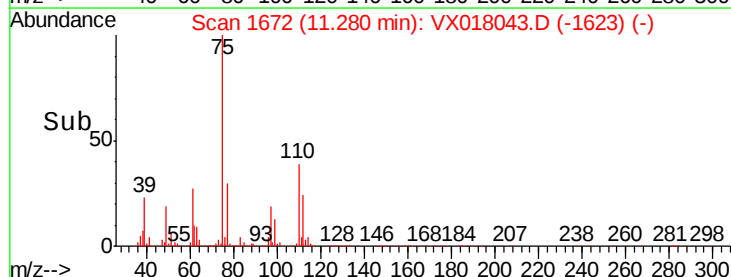
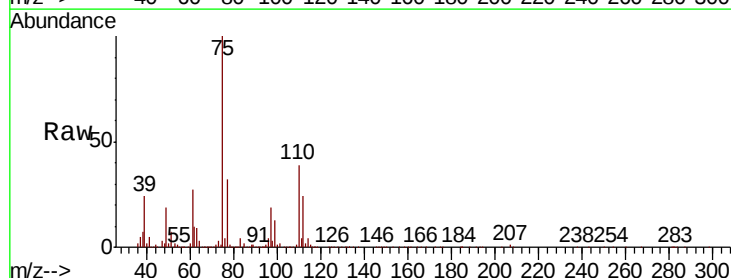
Acq: 20 Aug 2020 19:45

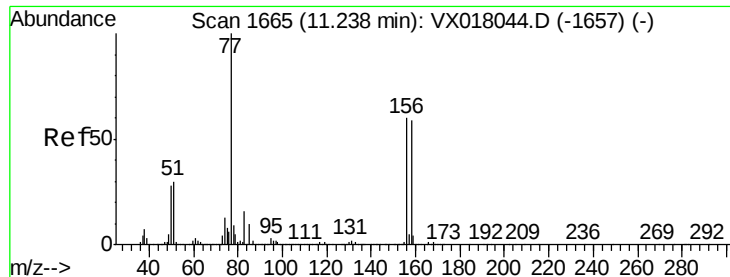
Tgt Ion: 75 Resp: 243803

Ion Ratio Lower Upper

75 100

77 32.6 20.8 62.2





#77

Bromobenzene

Concen: 18.799 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

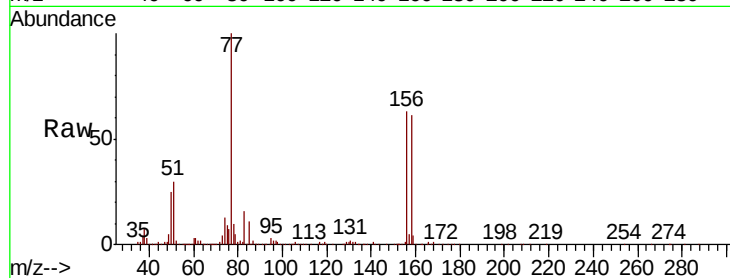
Tot Ion:156 Resp: 158004

Ion Ratio Lower Upper

156 100

77 154.2 80.0 240.2

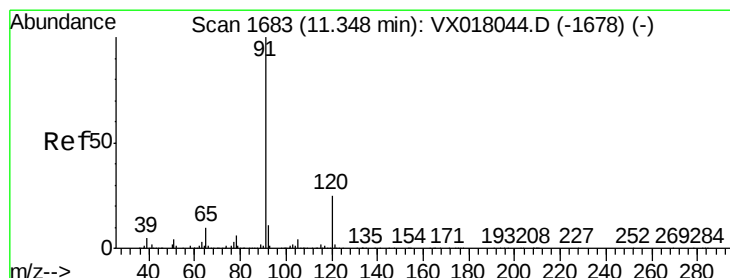
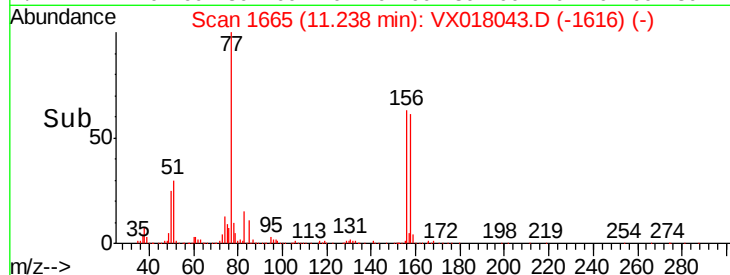
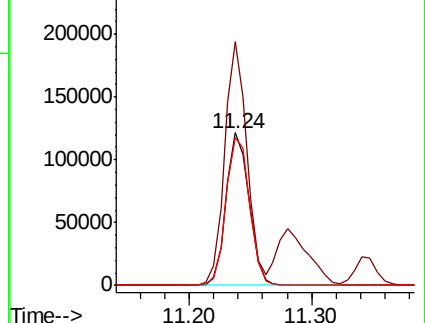
158 99.1 49.5 148.7



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: 17.542 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018043.D

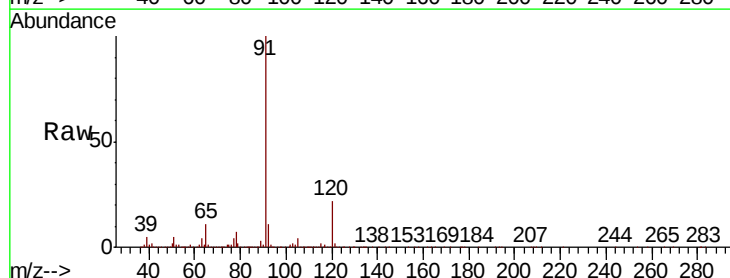
Acq: 20 Aug 2020 19:45

Tgt Ion: 91 Resp: 658133

Ion Ratio Lower Upper

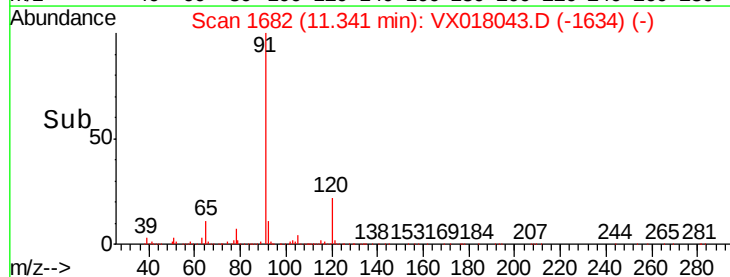
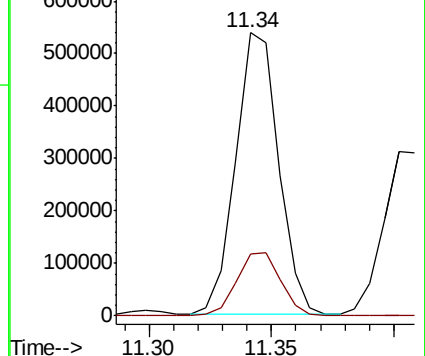
91 100

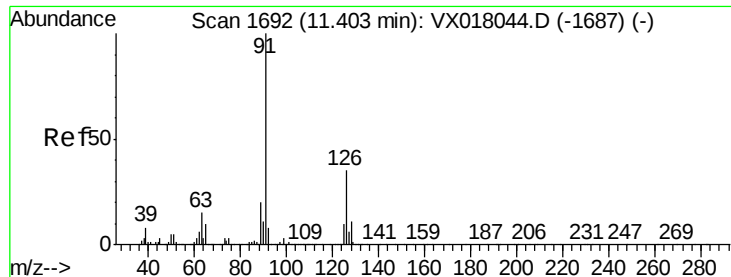
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.256 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

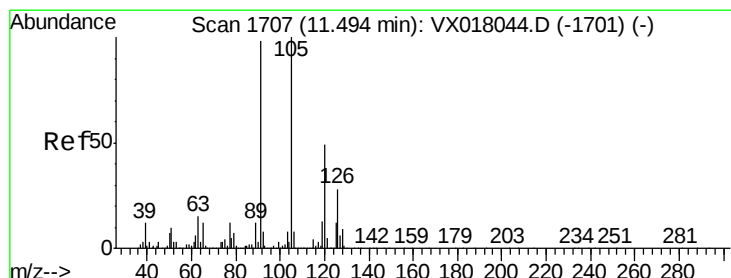
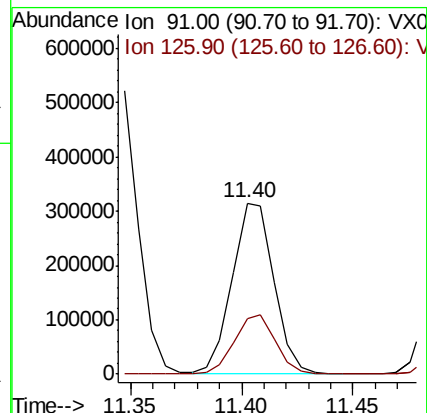
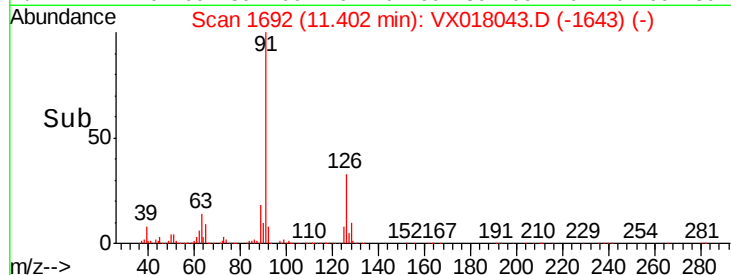
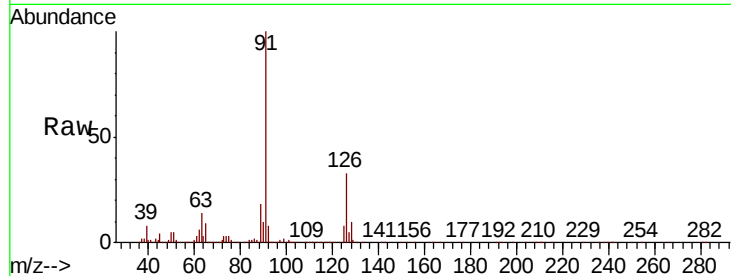
VSTDIC020

Tot Ion: 91 Resp: 407637

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 17.660 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018043.D

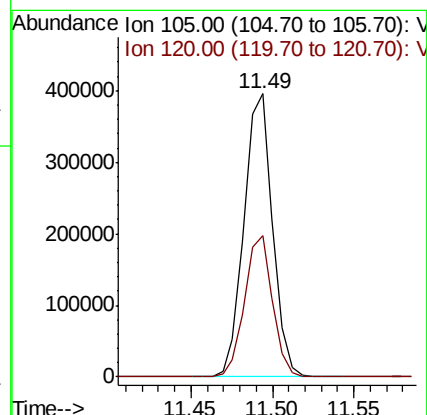
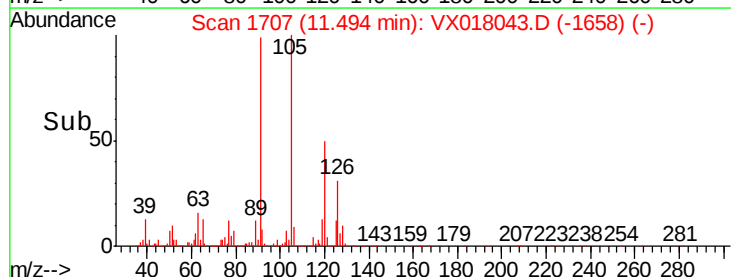
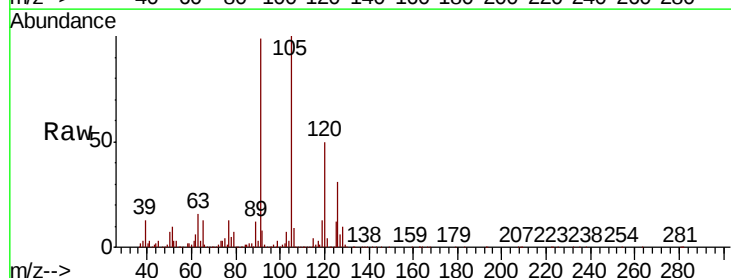
Acq: 20 Aug 2020 19:45

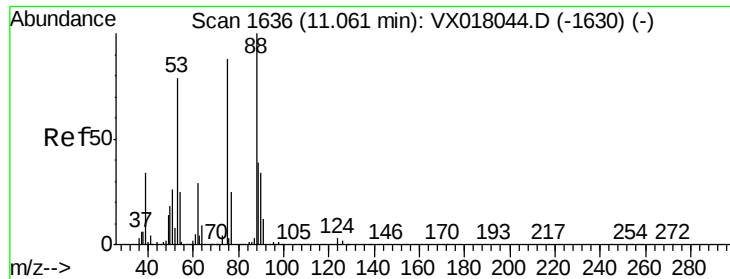
Tgt Ion: 105 Resp: 482212

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.262 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

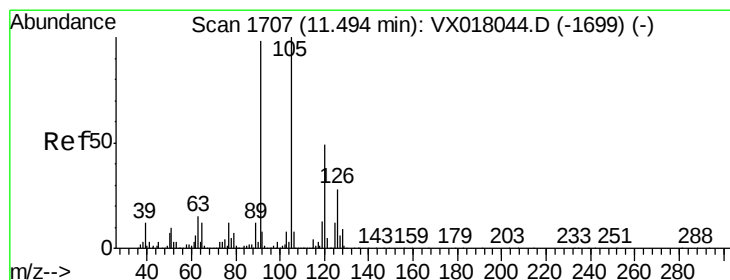
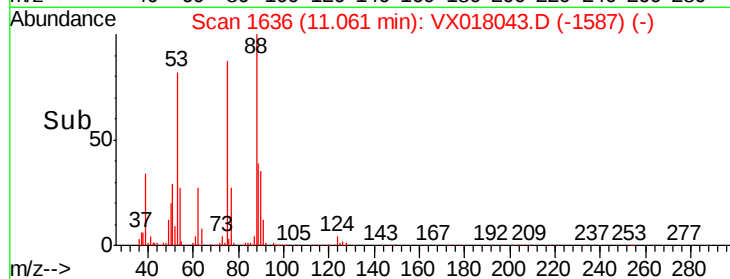
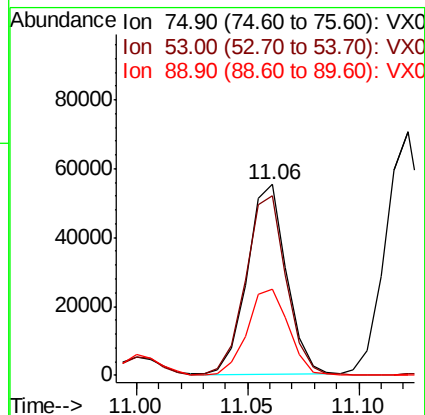
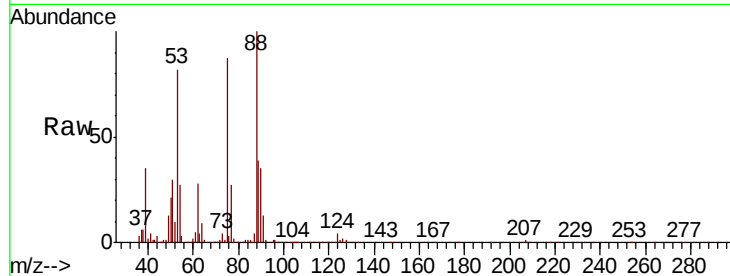
Tot Ion: 75 Resp: 67485

Ion Ratio Lower Upper

75 100

53 98.1 74.7 112.1

89 47.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 18.042 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018043.D

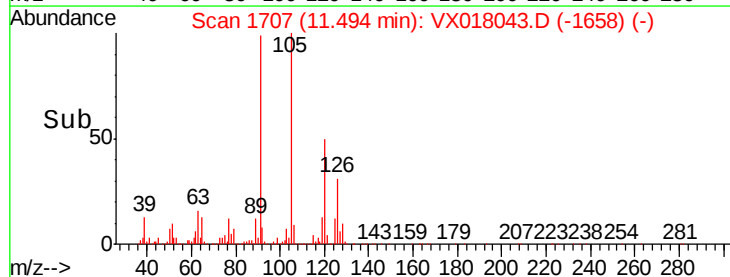
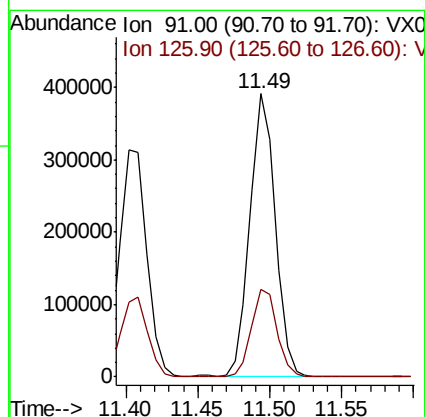
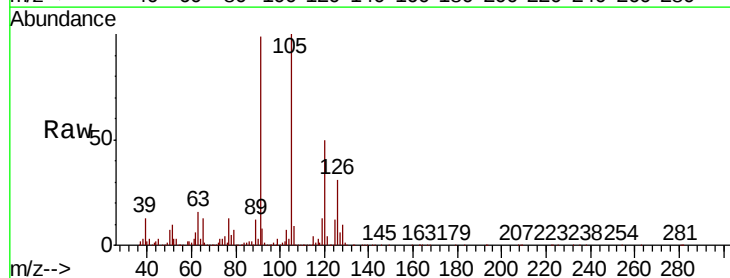
Acq: 20 Aug 2020 19:45

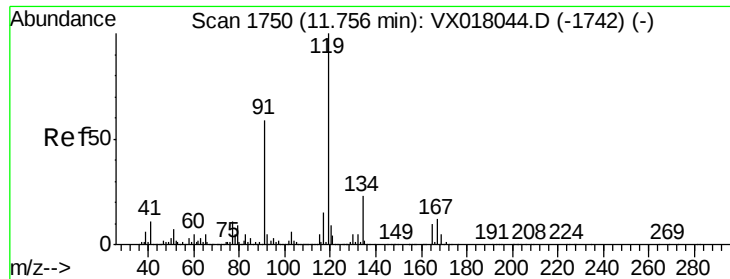
Tgt Ion: 91 Resp: 475065

Ion Ratio Lower Upper

91 100

126 31.3 15.1 45.3

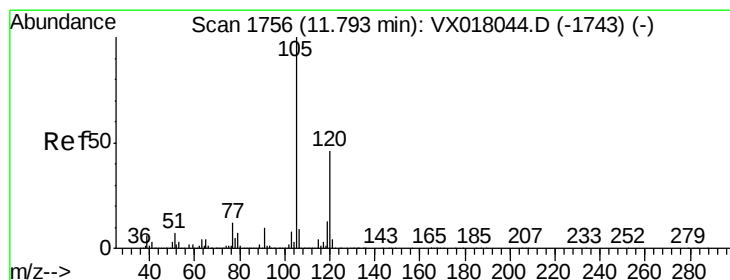
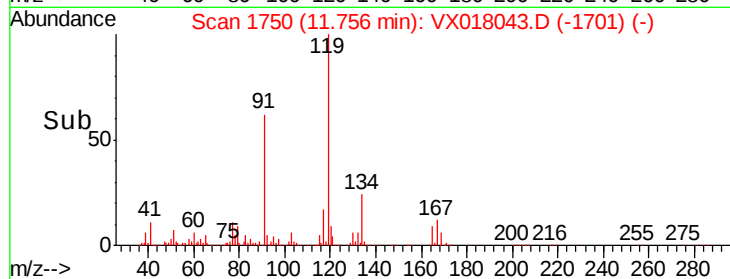
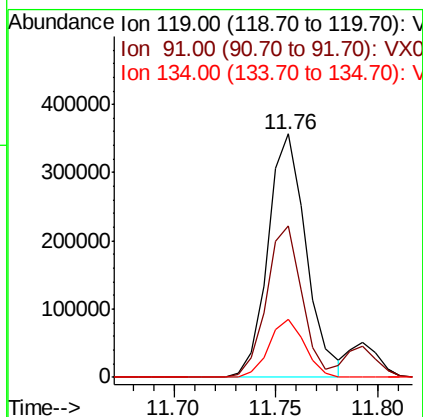
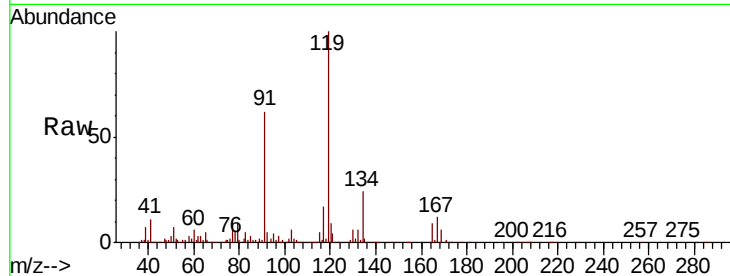




#83
tert-Butylbenzene
Concen: 19.418 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

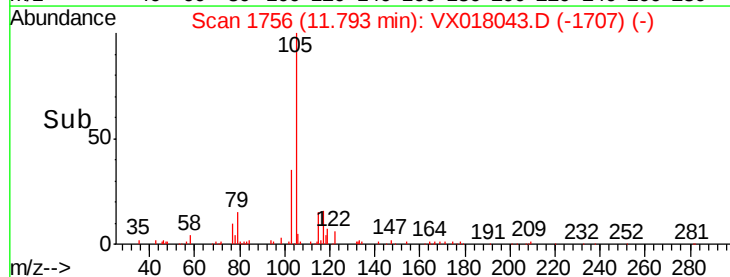
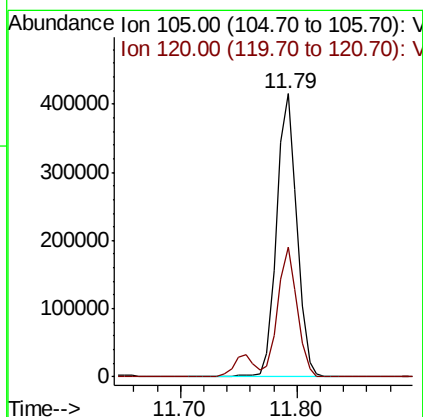
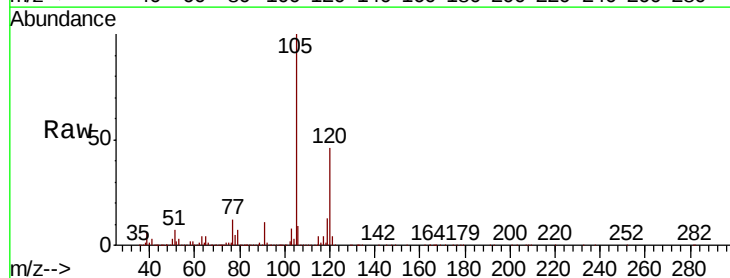
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.2	84.7
134	22.3	11.3	33.8



#84
1,2,4-Trimethylbenzene
Concen: 18.135 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018043.D
Acq: 20 Aug 2020 19:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 16.765 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

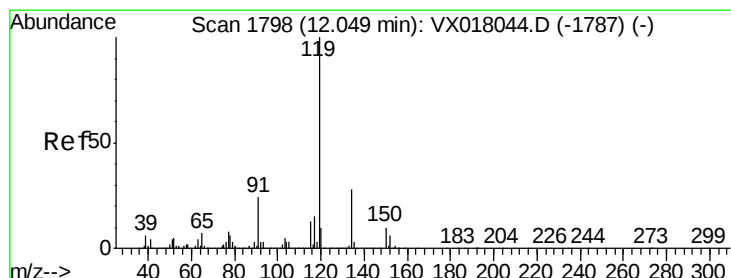
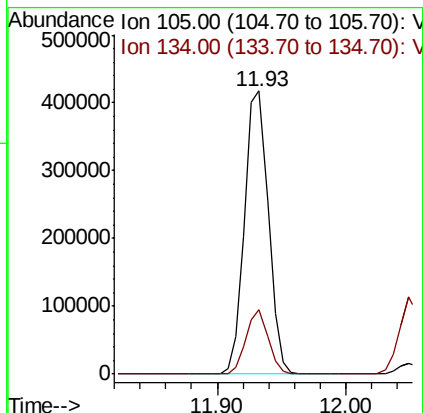
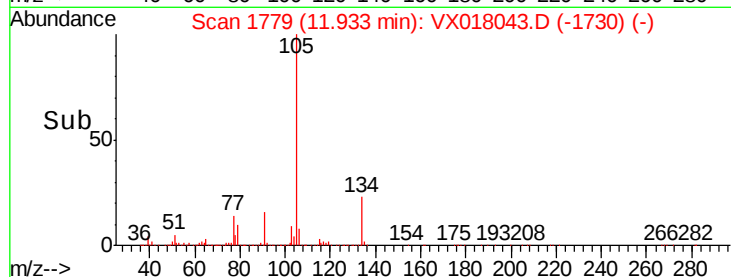
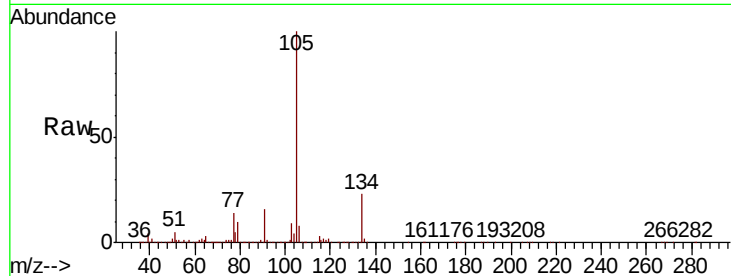
VSTDIC020

Tot Ion:105 Resp: 529195

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 17.037 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

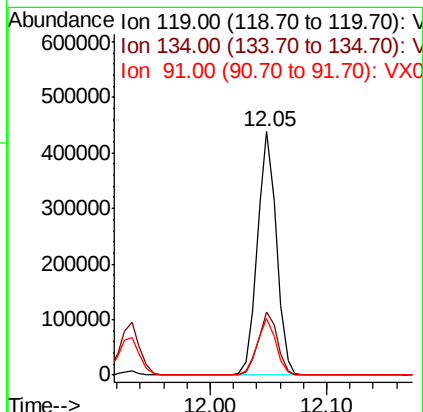
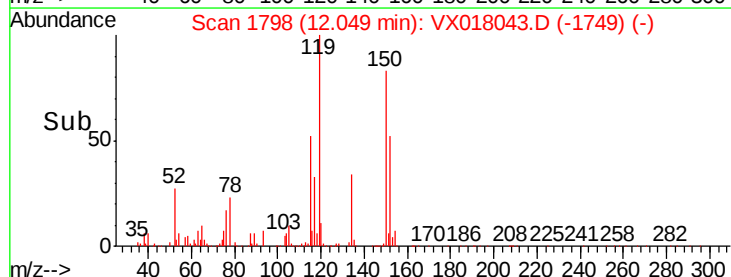
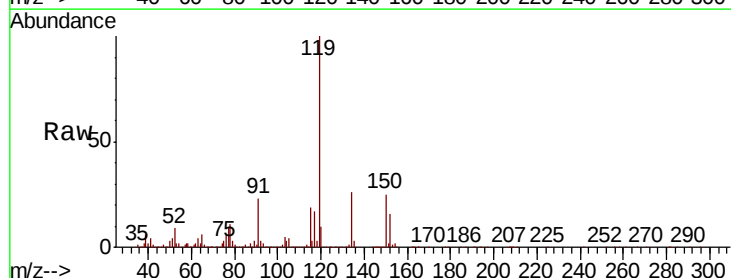
Tgt Ion:119 Resp: 499223

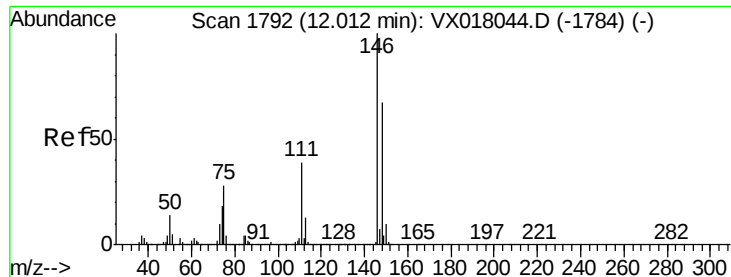
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.457 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

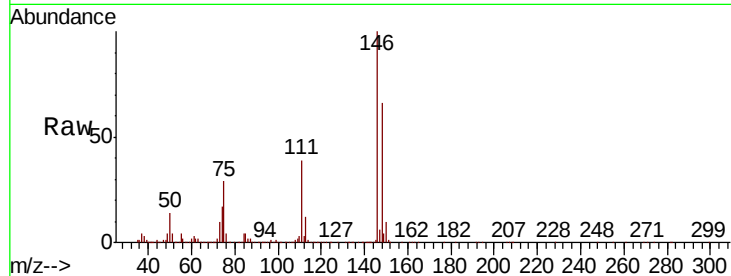
Tot Ion:146 Resp: 277480

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

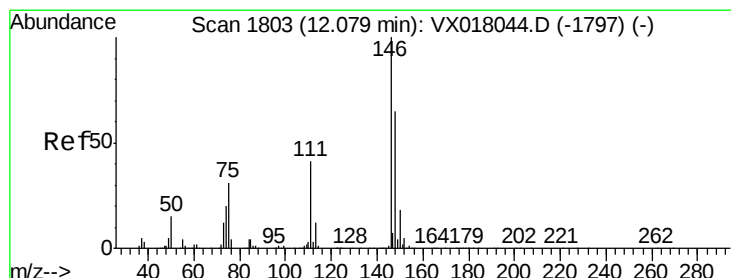
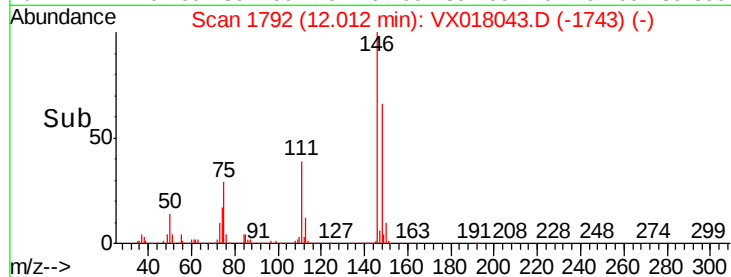
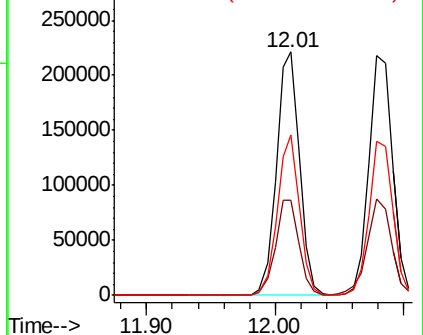
148 63.3 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.042 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

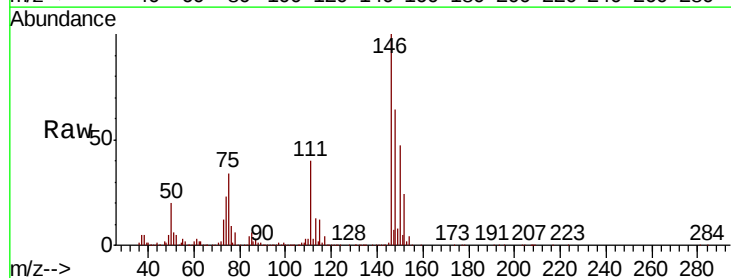
Tgt Ion:146 Resp: 274978

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

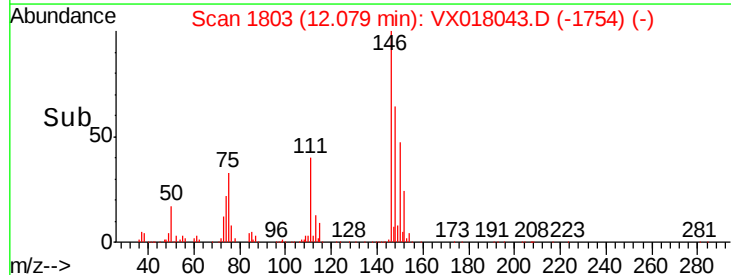
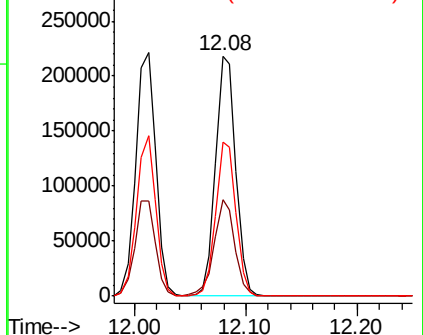
148 64.1 33.1 99.2

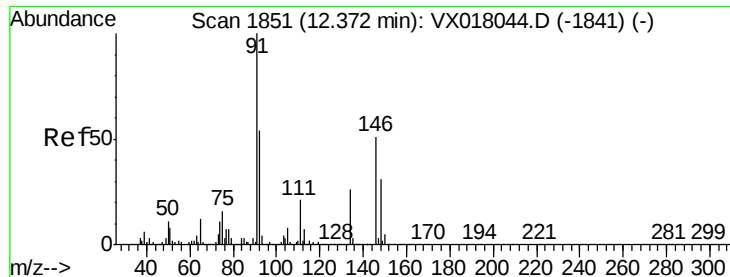


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.430 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

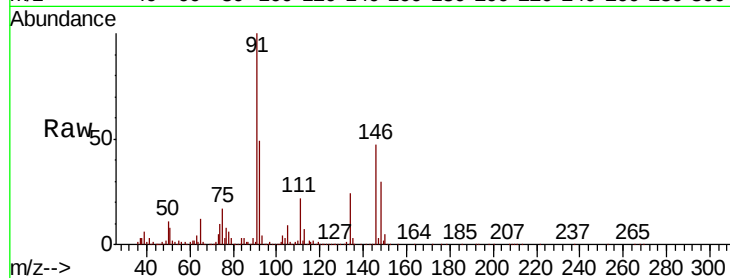
Tot Ion: 91 Resp: 438940

Ion Ratio Lower Upper

91 100

92 50.5 26.4 79.2

134 25.6 12.9 38.7

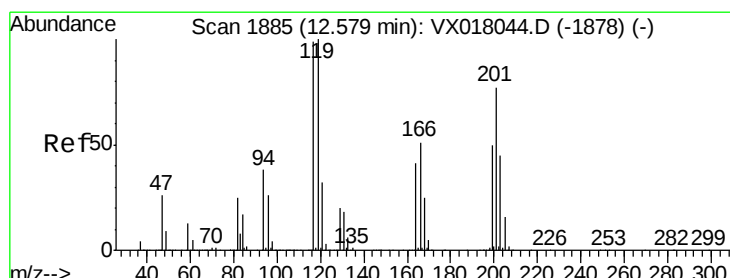
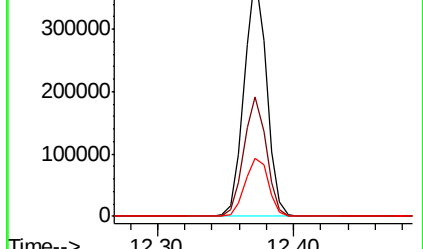
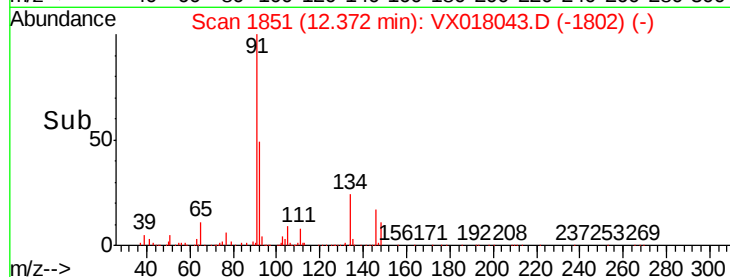


Abundance Ion 91.00 (90.70 to 91.70): VX018043.D

Ion 92.00 (91.70 to 92.70): VX018043.D

Ion 134.00 (133.70 to 134.70): VX018043.D

Time-->



#90

Hexachloroethane

Concen: 18.354 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018043.D

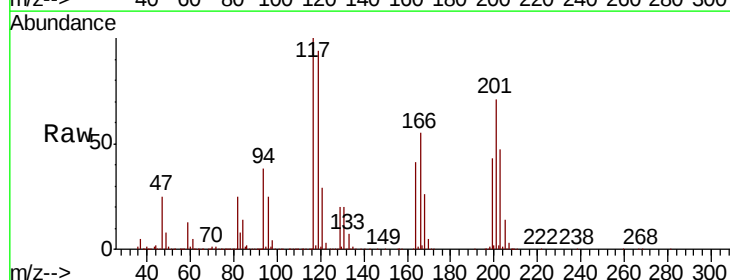
Acq: 20 Aug 2020 19:45

Tgt Ion: 117 Resp: 93627

Ion Ratio Lower Upper

117 100

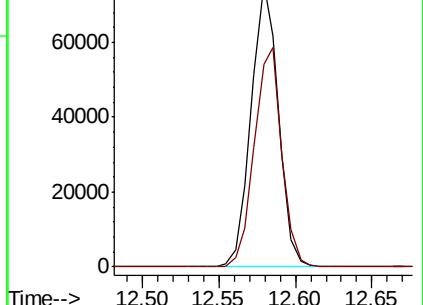
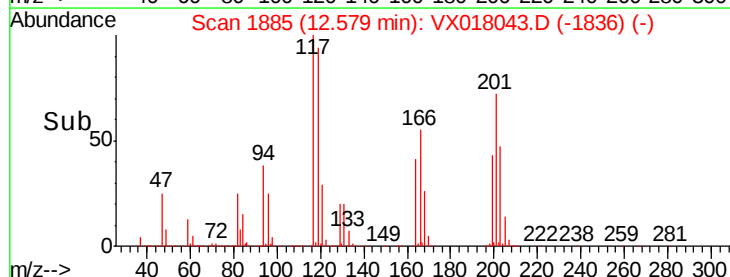
201 78.2 38.5 115.3

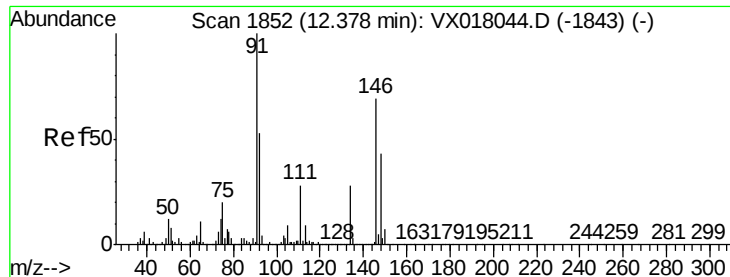


Abundance Ion 116.80 (116.50 to 117.50): VX018043.D

Ion 200.70 (200.40 to 201.40): VX018043.D

Time-->

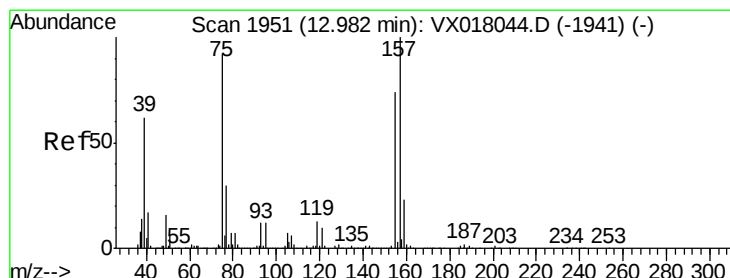
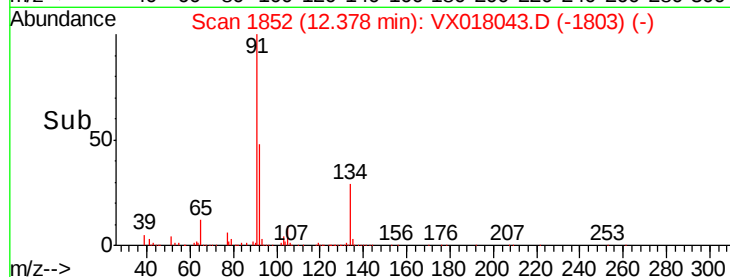
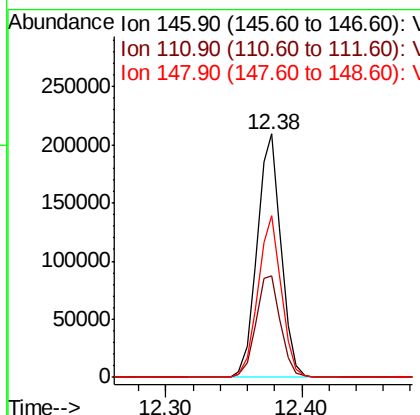
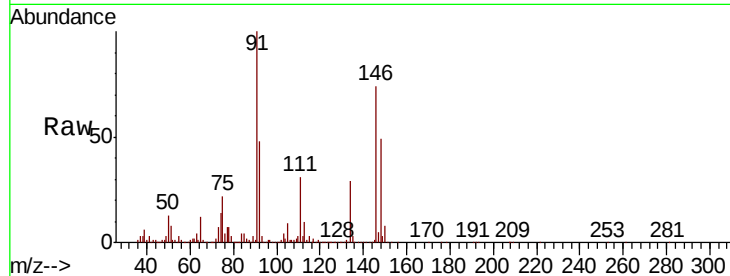




#91
 1,2-Dichlorobenzene
 Concen: 17.843 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

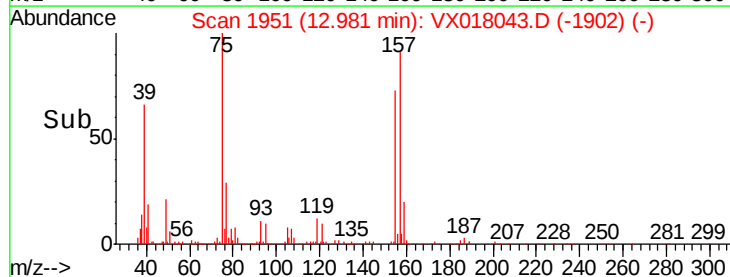
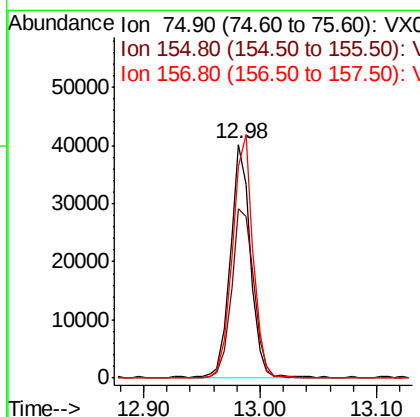
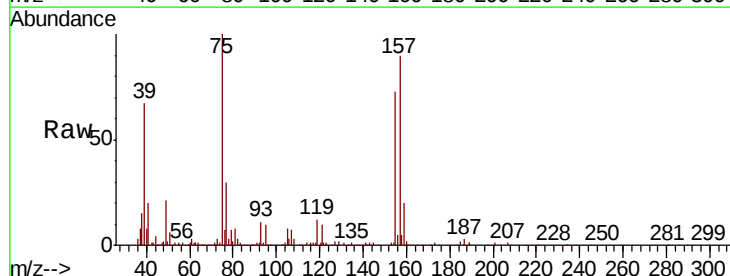
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

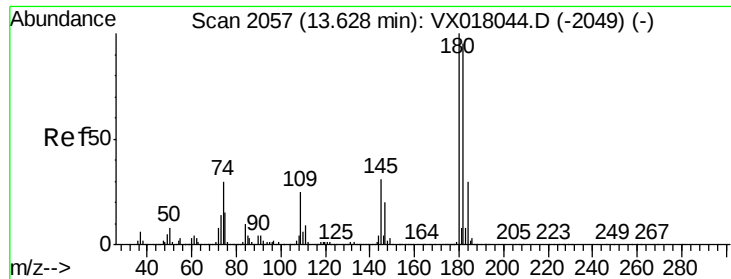
Tot Ion:146 Resp: 258972
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 65.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.904 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Tgt Ion: 75 Resp: 47795
 Ion Ratio Lower Upper
 75 100
 155 81.7 40.2 120.6
 157 106.6 55.0 165.2

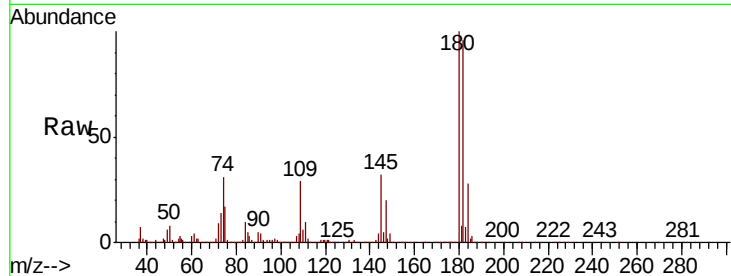




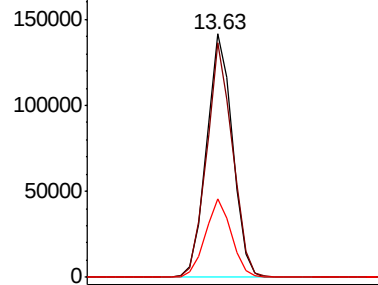
#93
 1,2,4-Trichlorobenzene
 Concen: 15.659 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

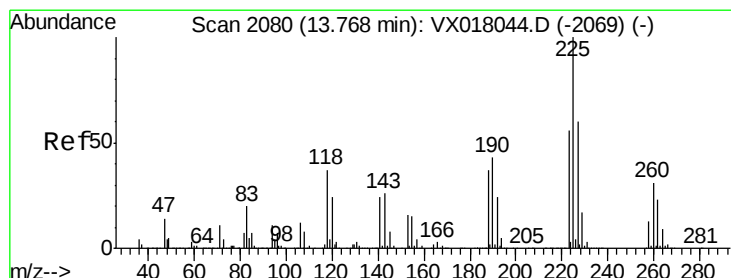
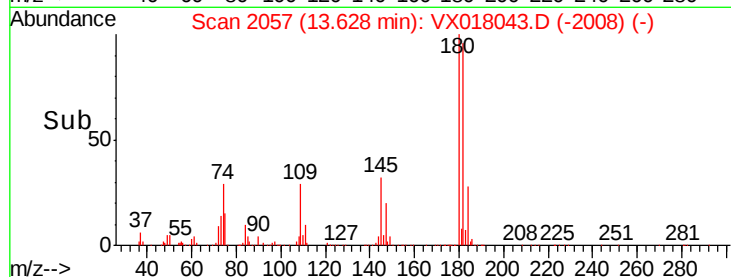
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	32.2	15.7	47.1



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

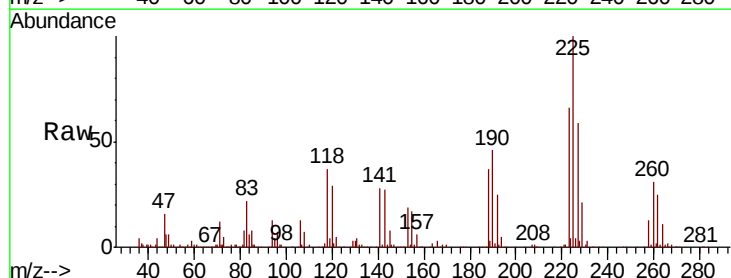


Time--> 13.55 13.60 13.65 13.70

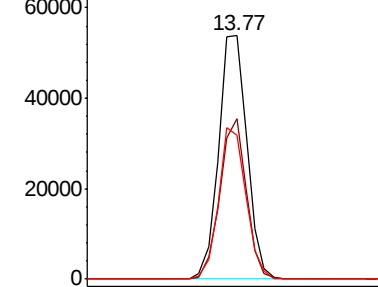


#94
 Hexachlorobutadiene
 Concen: 14.388 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018043.D
 Acq: 20 Aug 2020 19:45

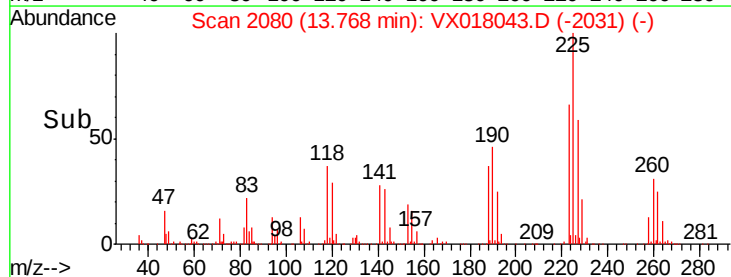
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.7	92.1
227	59.9	32.6	97.8

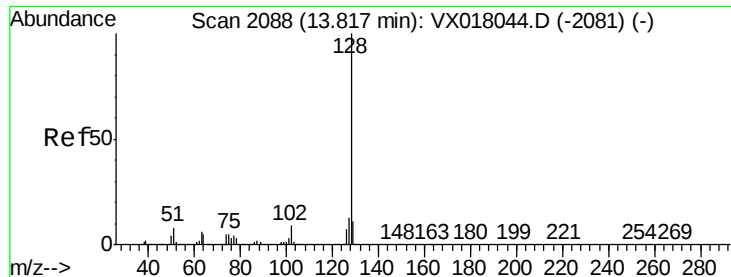


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 13.70 13.75 13.80





#95

Naphthalene

Concen: 16.685 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

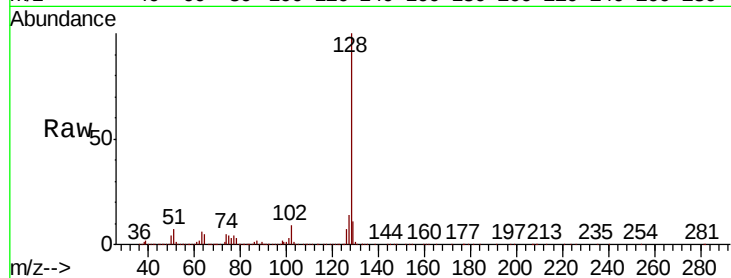
Tot Ion:128 Resp: 573040

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 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

13.82

400000

300000

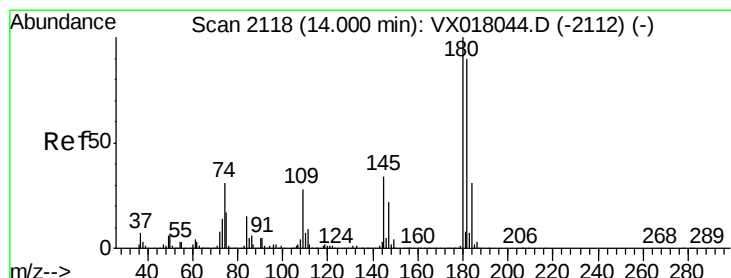
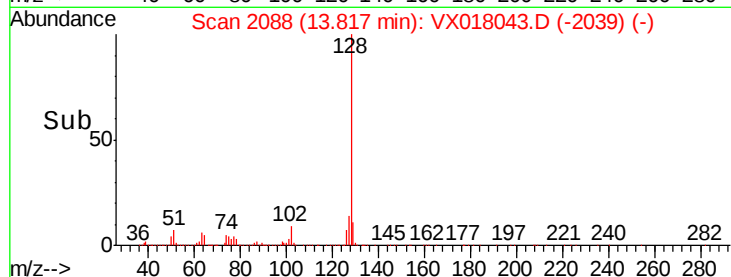
200000

100000

0

13.70 13.80 13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 16.029 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018043.D

Acq: 20 Aug 2020 19:45

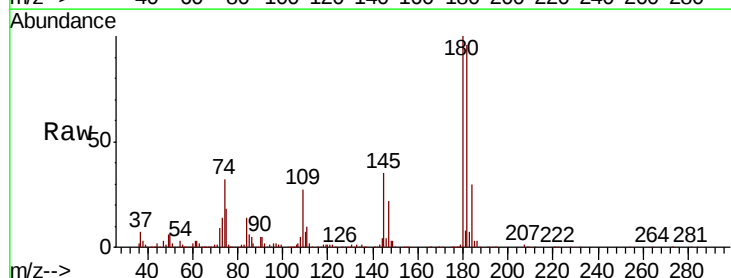
Tgt Ion:180 Resp: 165083

Ion Ratio Lower Upper

180 100

182 99.8 47.3 142.0

145 35.1 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

14.00

150000

100000

50000

0

13.95 14.00 14.05 14.10

Time-->

