

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100920\
 Data File : VX018851.D
 Acq On : 09 Oct 2020 12:03
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 09 13:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	200835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	298324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	285802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	156132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	51644	17.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.98%	
35) Dibromofluoromethane	5.46	113	36535	17.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.02%	
50) Toluene-d8	8.70	98	123454	16.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.88%	
62) 4-Bromofluorobenzene	11.12	95	48755	16.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	43765	22.226	ug/l	99
3) Chloromethane	1.31	50	36304	16.644	ug/l	96
4) Vinyl Chloride	1.40	62	39804	17.183	ug/l	97
5) Bromomethane	1.64	94	19745	14.376	ug/l	94
6) Chloroethane	1.72	64	24529	18.234	ug/l	93
7) Trichlorofluoromethane	1.92	101	74705	20.323	ug/l	95
8) Diethyl Ether	2.17	74	20782	16.631	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35448	18.375	ug/l	98
10) Methyl Iodide	2.50	142	33374	16.610	ug/l	99
11) Tert butyl alcohol	3.01	59	40491	82.868	ug/l	100
12) 1,1-Dichloroethene	2.36	96	34348	17.813	ug/l	94
13) Acrolein	2.28	56	32956	101.453	ug/l	100
14) Allyl chloride	2.71	41	57988	15.692	ug/l	98
15) Acrylonitrile	3.12	53	88469	77.477	ug/l	98
16) Acetone	2.42	43	114921	104.202	ug/l	98
17) Carbon Disulfide	2.55	76	96191	16.758	ug/l	99
18) Methyl Acetate	2.75	43	43003	16.359	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	109909	16.354	ug/l	100
20) Methylene Chloride	2.84	84	39328	16.583	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	36886	16.431	ug/l	100
22) Diisopropyl ether	3.82	45	110621	16.070	ug/l	98
23) Vinyl Acetate	3.79	43	526777	84.940	ug/l	98
24) 1,1-Dichloroethane	3.67	63	70680	17.434	ug/l	99
25) 2-Butanone	4.64	43	143842	85.913	ug/l	97
26) 2,2-Dichloropropane	4.55	77	67868	17.896	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	41089	16.401	ug/l	99
28) Bromochloromethane	4.98	49	31499	16.790	ug/l	98
29) Tetrahydrofuran	5.09	42	76903	74.874	ug/l	97
30) Chloroform	5.18	83	78222	18.778	ug/l	99
31) Cyclohexane	5.55	56	48614	14.705	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	74608	19.050	ug/l	99
36) 1,1-Dichloropropene	5.77	75	52600	18.084	ug/l	99
37) Ethyl Acetate	4.80	43	54546	17.705	ug/l	98
38) Carbon Tetrachloride	5.76	117	70607	21.403	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	49267	15.470	ug/l	94
40) Benzene	6.12	78	150160	18.118	ug/l	98
41) Methacrylonitrile	5.00	41	29855	17.410	ug/l	98
42) 1,2-Dichloroethane	6.17	62	69740	21.083	ug/l	99
43) Isopropyl Acetate	6.42	43	84991	16.689	ug/l	98
44) Trichloroethene	7.19	130	43121	17.919	ug/l	98
45) 1,2-Dichloropropane	7.49	63	39007	17.222	ug/l	95
46) Dibromomethane	7.64	93	28955	18.455	ug/l	97
47) Bromodichloromethane	7.88	83	62702	19.568	ug/l	92
48) Methyl methacrylate	7.74	41	43883	17.577	ug/l	97
49) 1,4-Dioxane	7.71	88	12685	314.604	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	273871	89.915	ug/l	99
52) Toluene	8.76	92	97104	18.469	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	64174	17.774	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	67728	18.350	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	41315	18.968	ug/l	94
56) Ethyl methacrylate	9.16	69	52654	16.489	ug/l	98
57) 1,3-Dichloropropane	9.35	76	68407	18.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	151201	88.602	ug/l	100
59) 2-Hexanone	9.47	43	209937	90.633	ug/l	99
60) Dibromochloromethane	9.57	129	51857	19.801	ug/l	97
61) 1,2-Dibromoethane	9.65	107	44536	19.177	ug/l	99
64) Tetrachloroethene	9.32	164	39755	17.738	ug/l	96
65) Chlorobenzene	10.12	112	107024	18.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	45261	19.040	ug/l	100
67) Ethyl Benzene	10.24	91	183098	17.844	ug/l	93
68) m/p-Xylenes	10.34	106	145956	37.509	ug/l	97
69) o-Xylene	10.68	106	65150	17.738	ug/l	99
70) Styrene	10.70	104	115701	18.278	ug/l	99
71) Bromoform	10.84	173	37702	18.779	ug/l #	94
73) Isopropylbenzene	11.00	105	184683	17.662	ug/l	100
74) N-amyl acetate	10.88	43	72373	15.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	58852	17.165	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	74115	22.640	ug/l	85
77) Bromobenzene	11.24	156	51254	17.779	ug/l	99
78) n-propylbenzene	11.34	91	208238	17.118	ug/l	99
79) 2-Chlorotoluene	11.40	91	131086	17.750	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	158547	17.705	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	20308	16.144	ug/l	97
82) 4-Chlorotoluene	11.49	91	155973	17.731	ug/l	100
83) tert-Butylbenzene	11.76	119	152791	17.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	161518	17.961	ug/l	99
85) sec-Butylbenzene	11.93	105	176158	17.242	ug/l	99
86) p-Isopropyltoluene	12.05	119	169993	18.008	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	88727	17.120	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	89665	17.135	ug/l	99
89) n-Butylbenzene	12.37	91	136392	15.782	ug/l	99
90) Hexachloroethane	12.58	117	29358	15.852	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	85745	17.626	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15018	17.916	ug/l	98

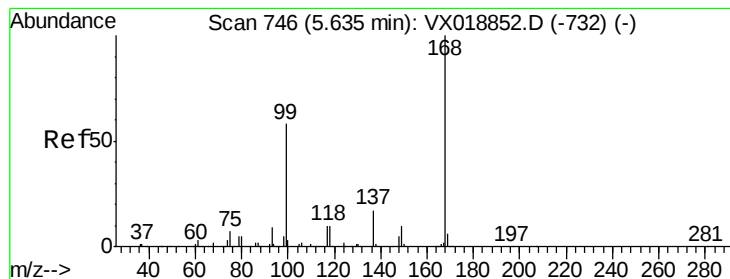
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	55526	16.554	ug/l	93
94) Hexachlorobutadiene	13.76	225	23911	16.964	ug/l	94
95) Naphthalene	13.82	128	159682	15.777	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53888	16.771	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

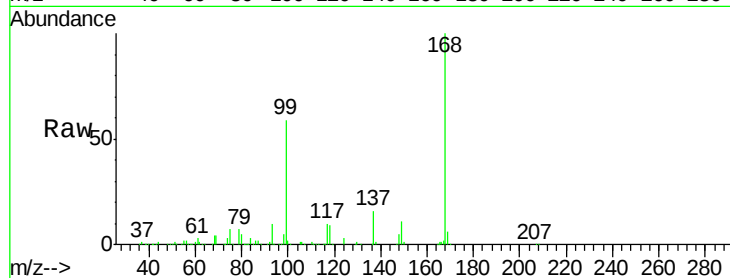
VSTDIC020

Tgt Ion:168 Resp: 200835

Ion Ratio Lower Upper

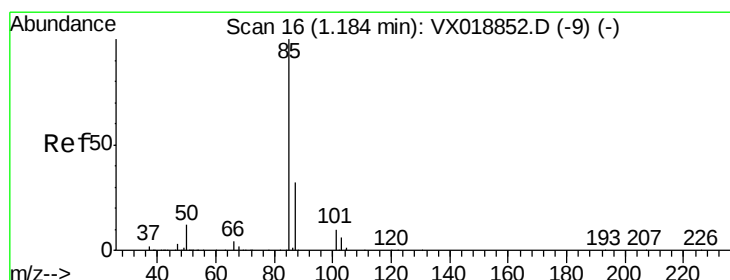
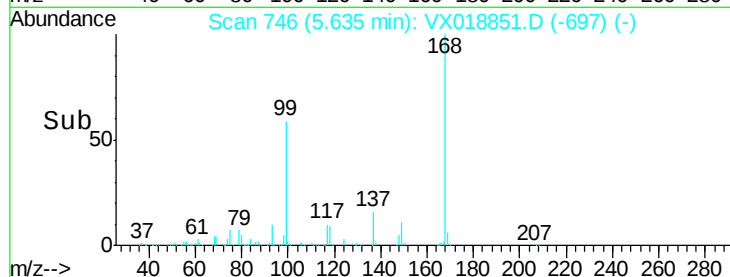
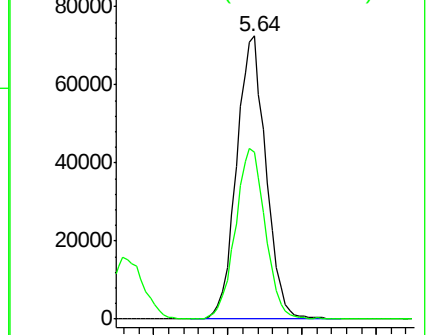
168 100

99 59.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.226 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018851.D

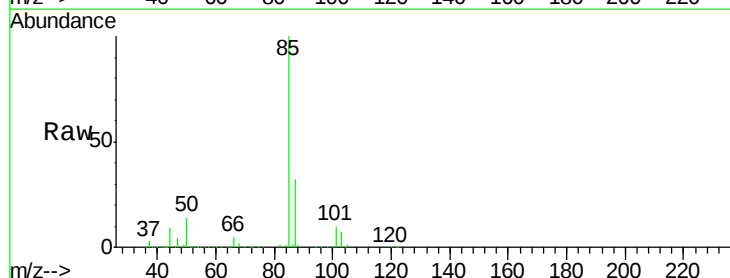
Acq: 09 Oct 2020 12:03

Tgt Ion: 85 Resp: 43765

Ion Ratio Lower Upper

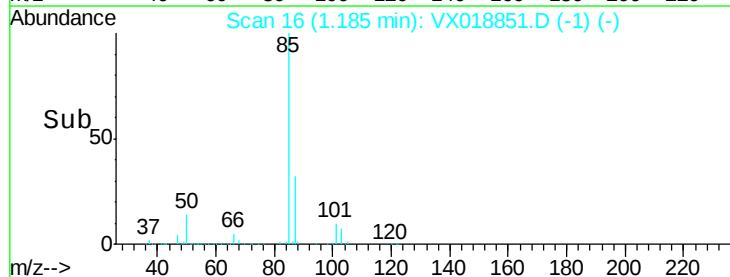
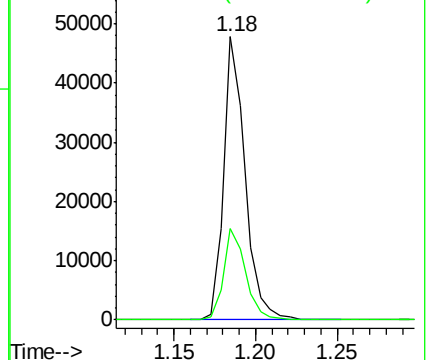
85 100

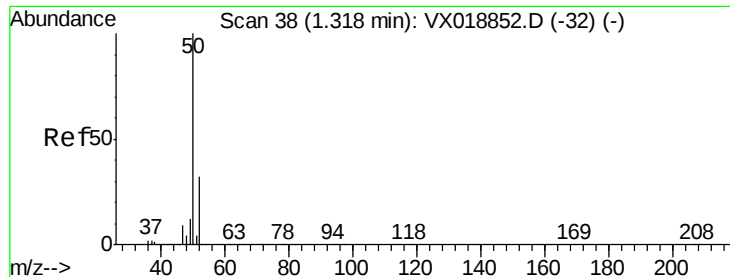
87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.644 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

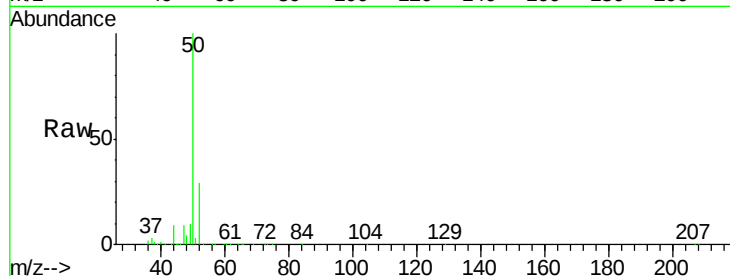
VSTDIC020

Tgt Ion: 50 Resp: 36304

Ion Ratio Lower Upper

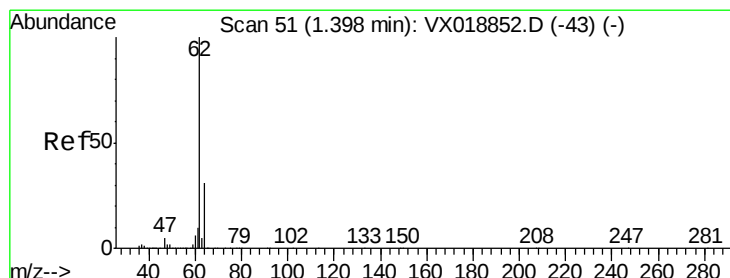
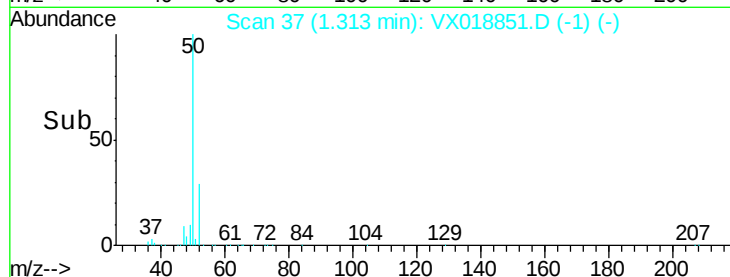
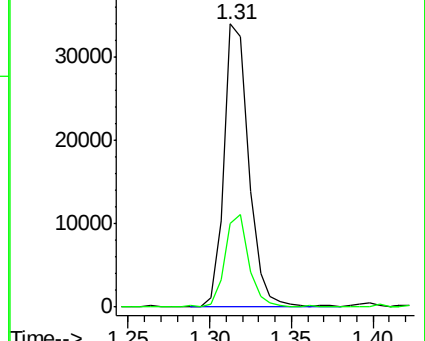
50 100

52 29.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.183 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018851.D

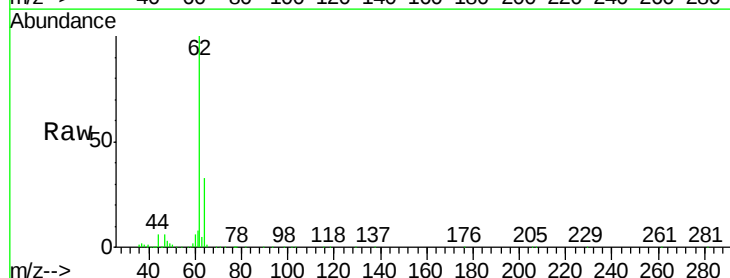
Acq: 09 Oct 2020 12:03

Tgt Ion: 62 Resp: 39804

Ion Ratio Lower Upper

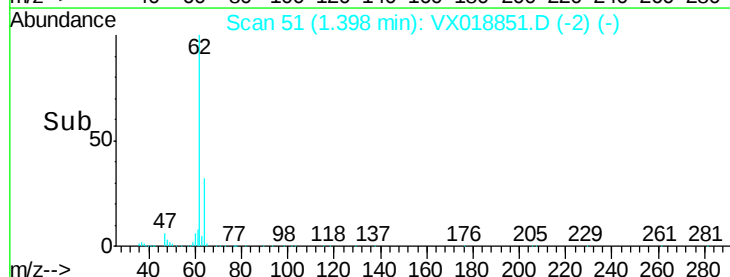
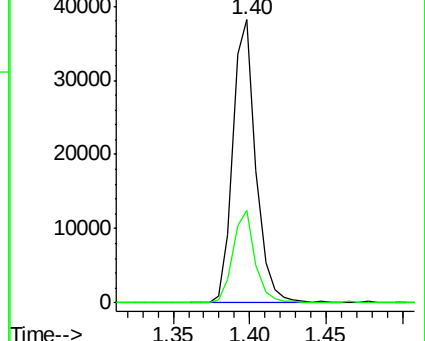
62 100

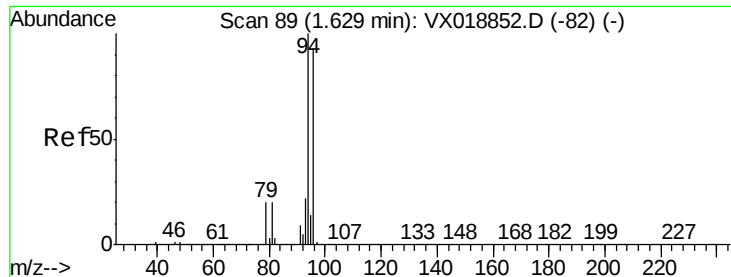
64 32.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.376 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

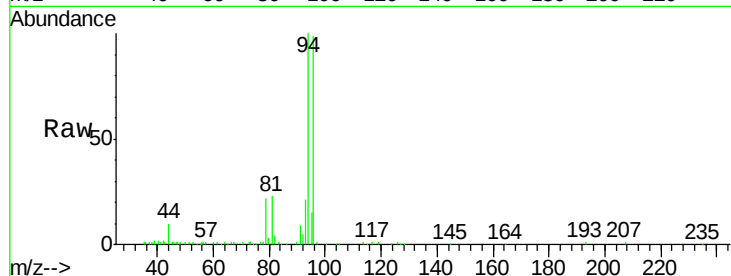
VSTDIC020

Tgt Ion: 94 Resp: 19745

Ion Ratio Lower Upper

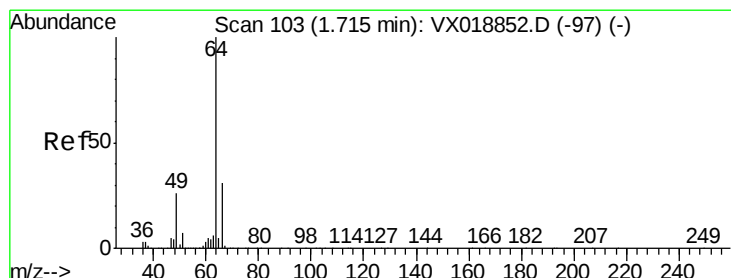
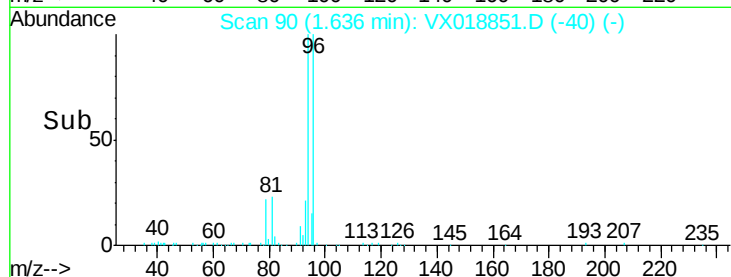
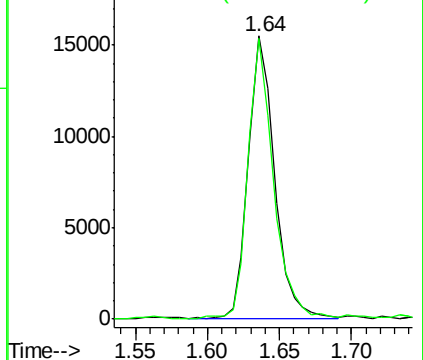
94 100

96 99.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.234 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018851.D

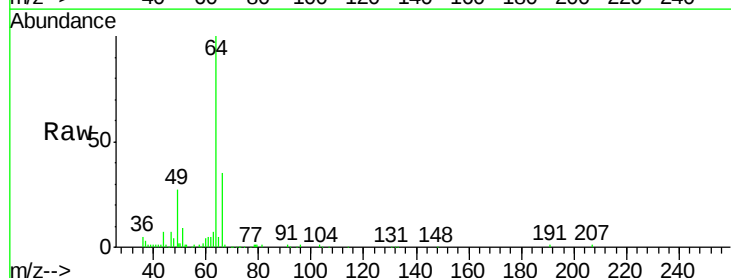
Acq: 09 Oct 2020 12:03

Tgt Ion: 64 Resp: 24529

Ion Ratio Lower Upper

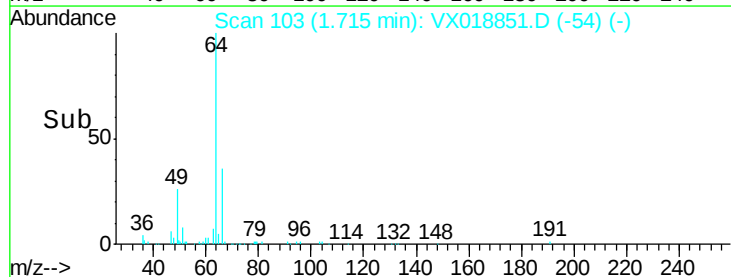
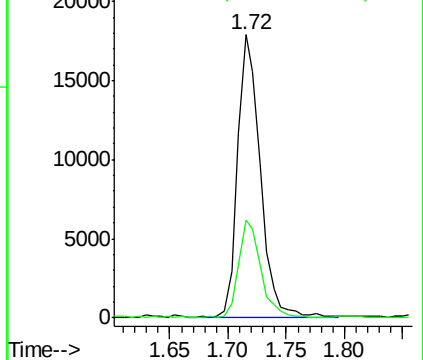
64 100

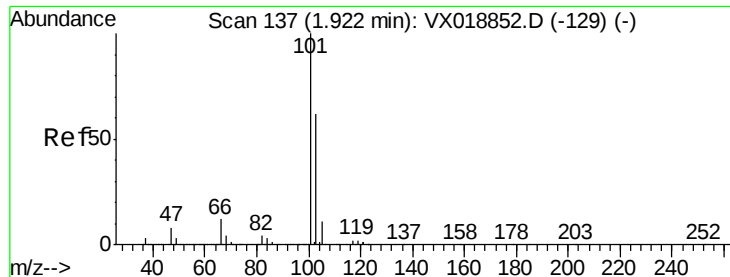
66 34.7 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



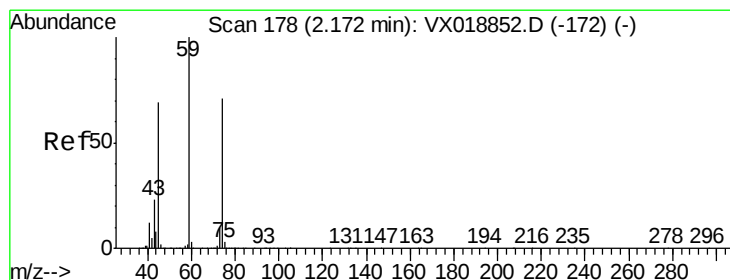
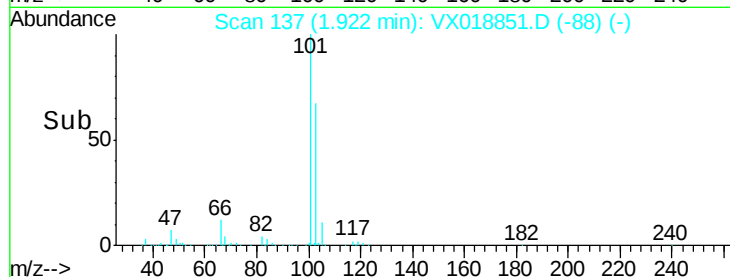
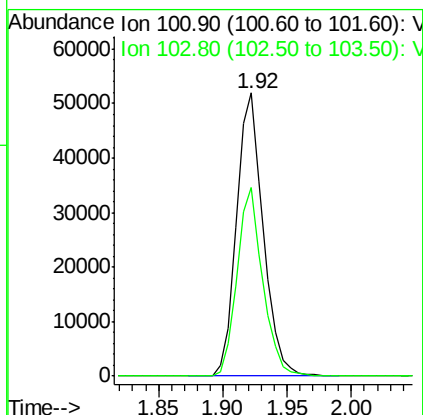
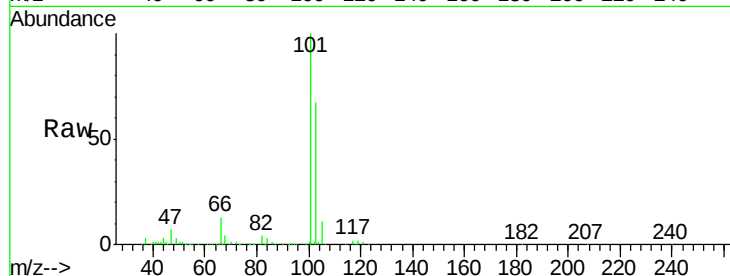


#7

Trichlorofluoromethane
Concen: 20.323 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

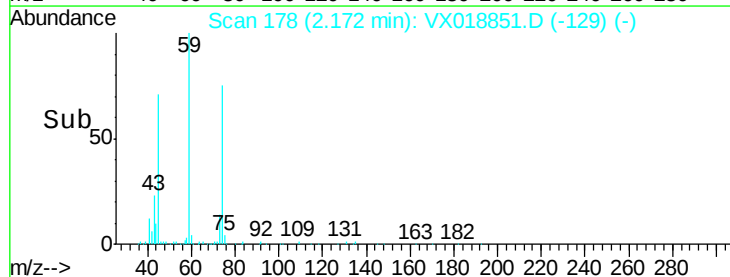
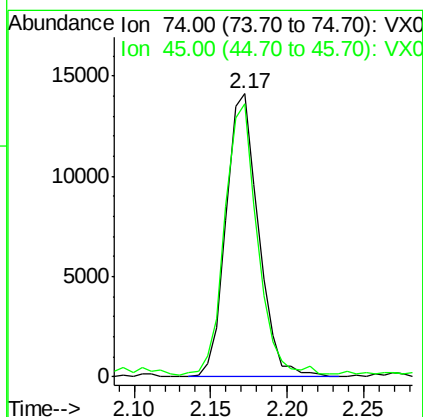
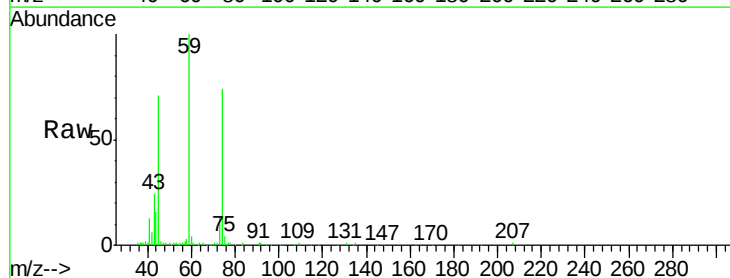
Tgt Ion:101 Resp: 74705
Ion Ratio Lower Upper
101 100
103 66.5 50.0 75.0

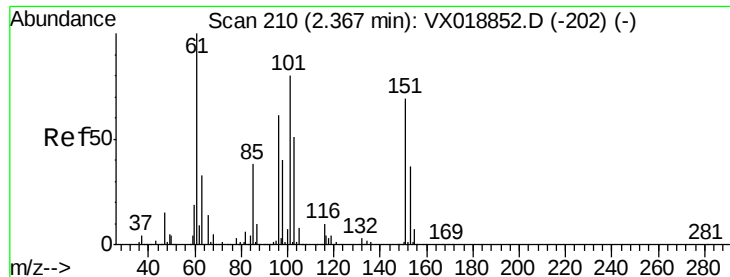


#8

Diethyl Ether
Concen: 16.631 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 74 Resp: 20782
Ion Ratio Lower Upper
74 100
45 96.0 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.375 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

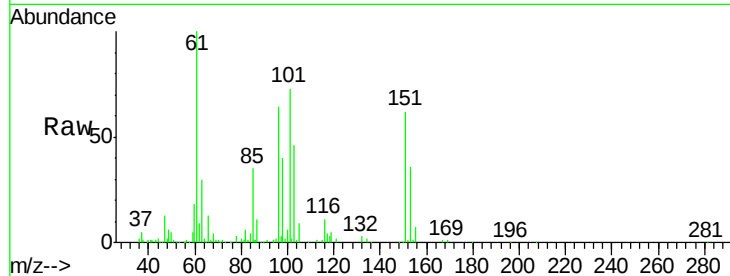
Tgt Ion:101 Resp: 35448

Ion Ratio Lower Upper

101 100

85 46.8 36.6 55.0

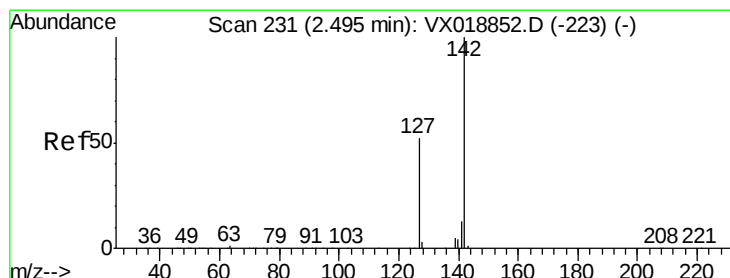
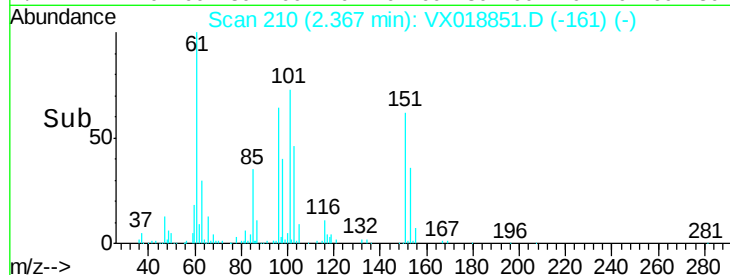
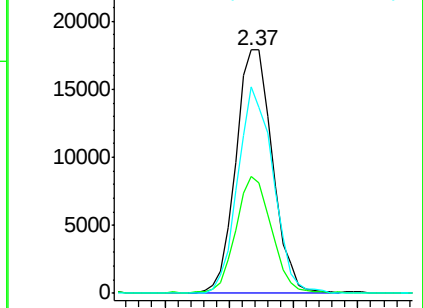
151 81.7 67.2 100.8



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: 16.610 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

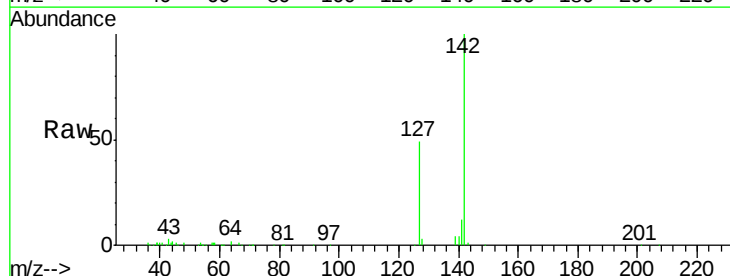
Tgt Ion:142 Resp: 33374

Ion Ratio Lower Upper

142 100

127 51.8 42.0 63.0

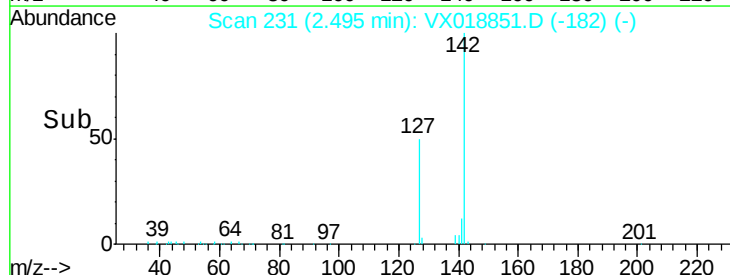
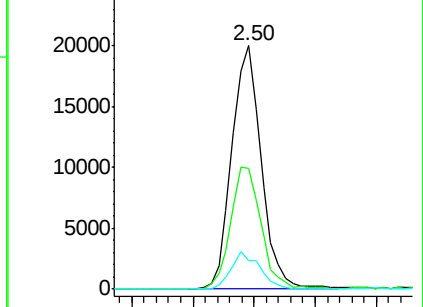
141 14.8 11.8 17.6

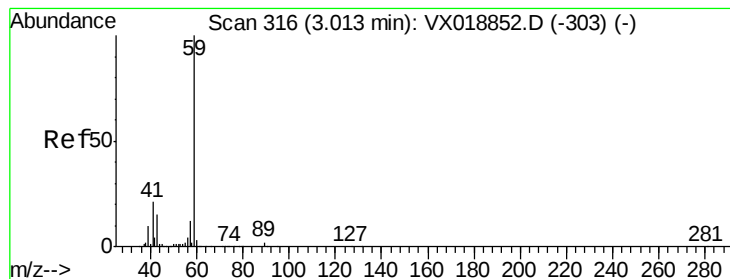


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



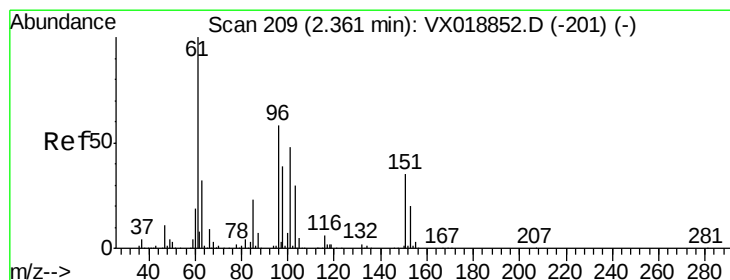
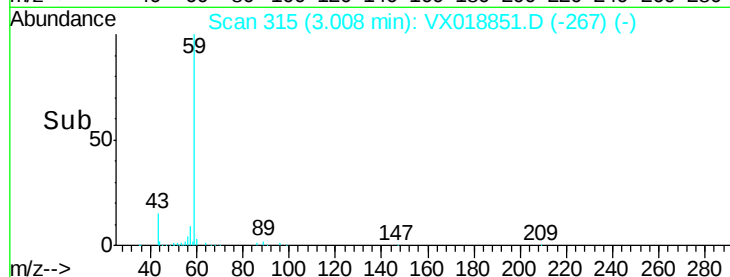
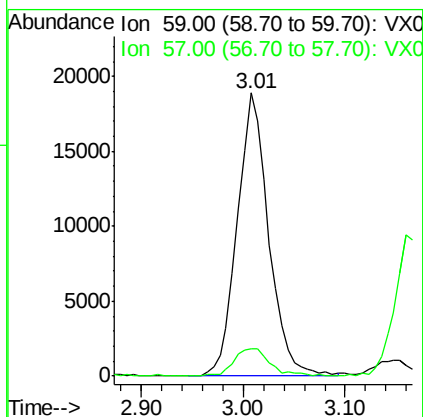
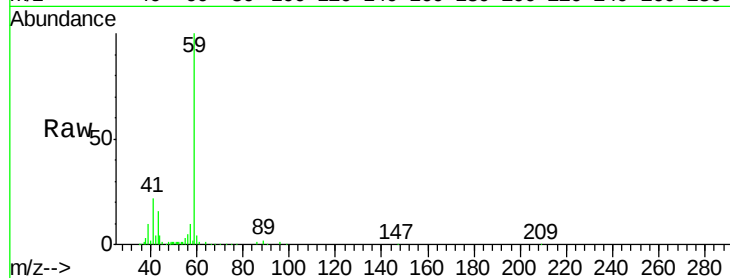


#11

Tert butyl alcohol
 Concen: 82.868 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

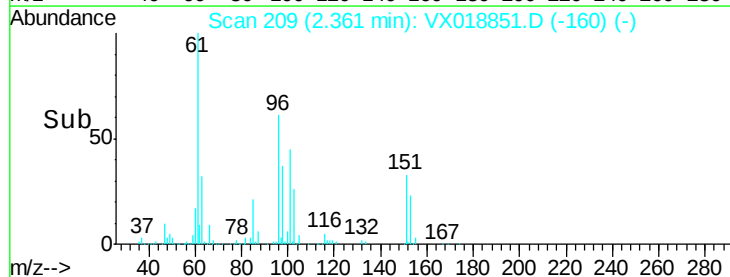
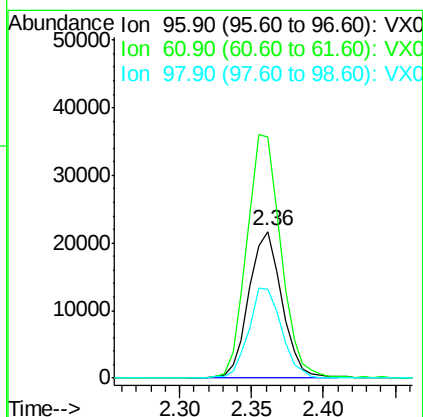
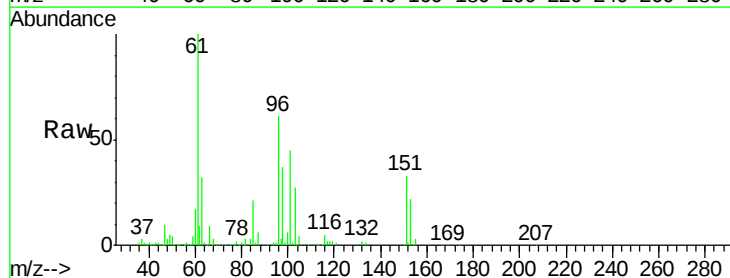
Tgt Ion: 59 Resp: 40491
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.6

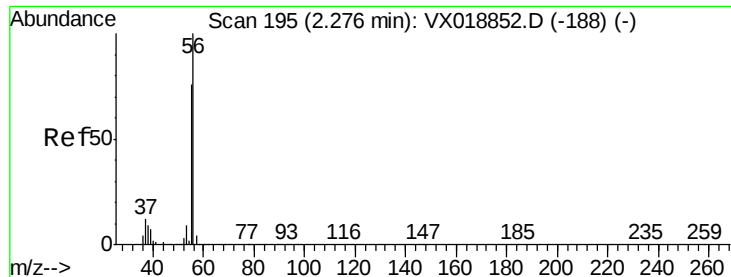


#12

1,1-Dichloroethene
 Concen: 17.813 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion: 96 Resp: 34348
 Ion Ratio Lower Upper
 96 100
 61 164.8 137.0 205.6
 98 60.9 53.9 80.9





#13

Acrolein

Concen: 101.453 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

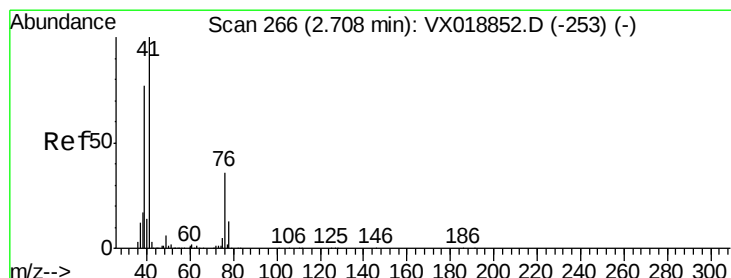
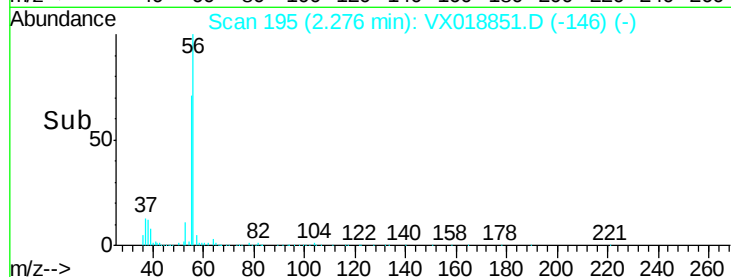
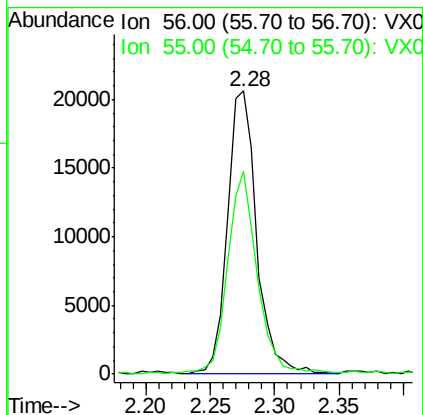
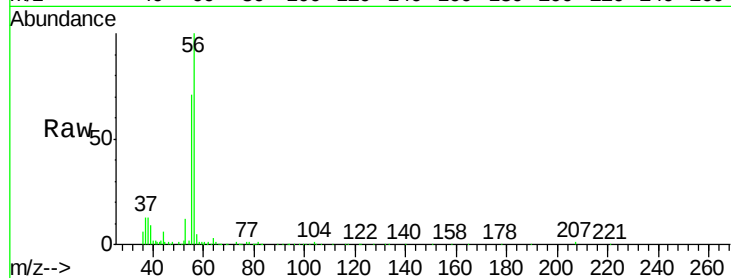
VSTDIC020

Tgt Ion: 56 Resp: 32956

Ion Ratio Lower Upper

56 100

55 73.1 58.6 87.8



#14

Allyl chloride

Concen: 15.692 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

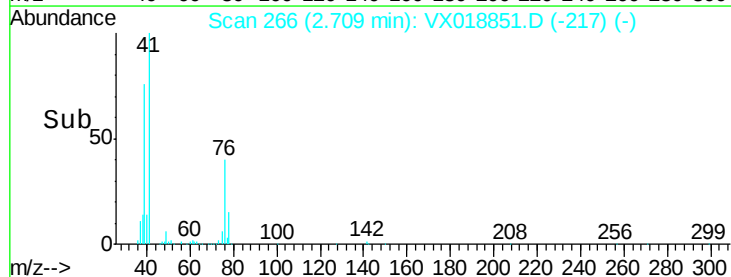
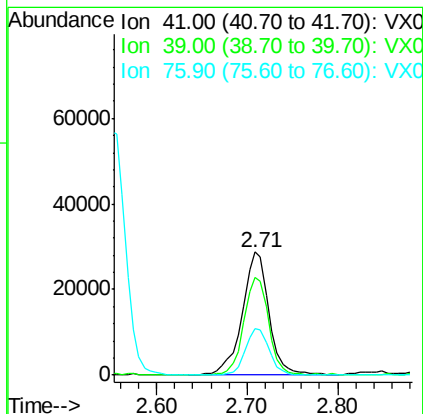
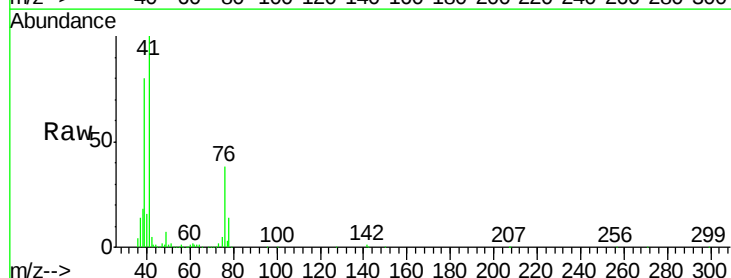
Tgt Ion: 41 Resp: 57988

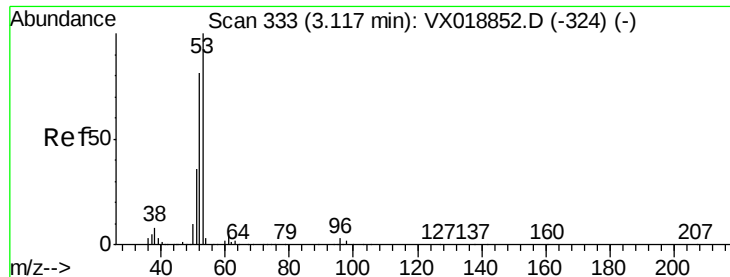
Ion Ratio Lower Upper

41 100

39 75.0 57.8 86.8

76 33.8 26.8 40.2

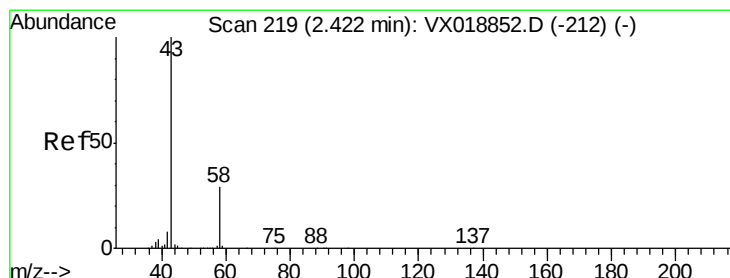
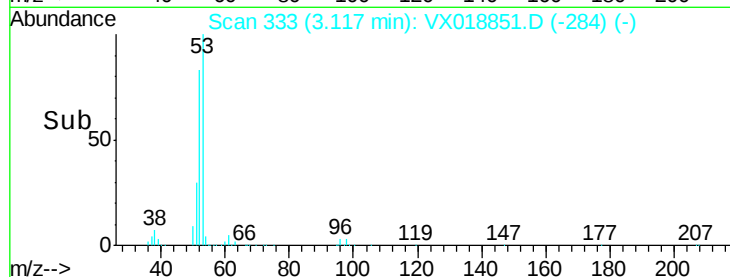
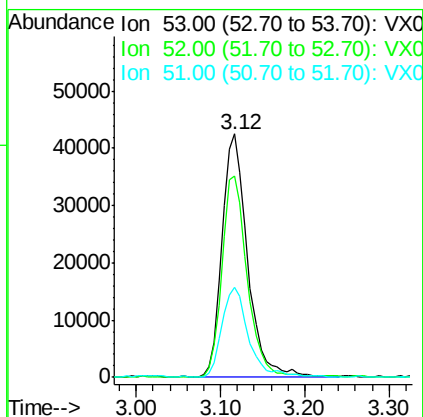
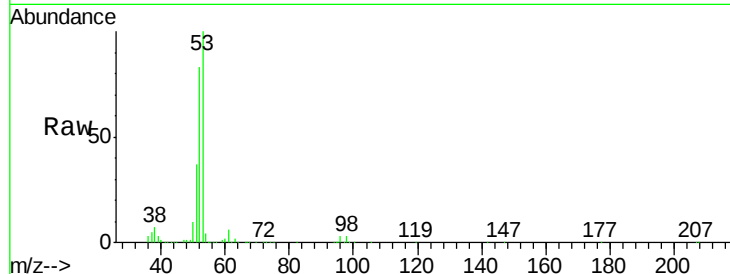




#15
Acrylonitrile
Concen: 77.477 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

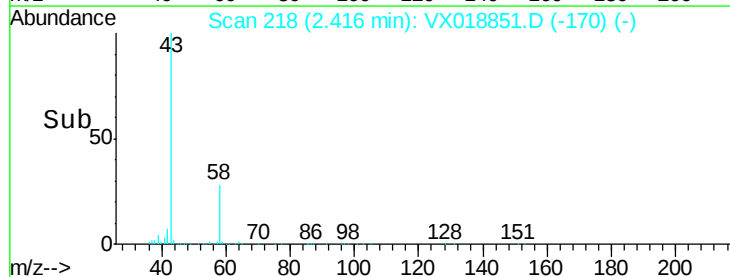
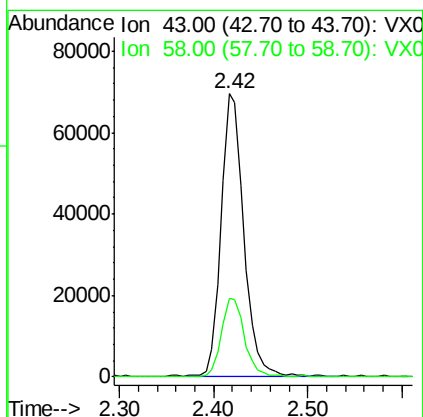
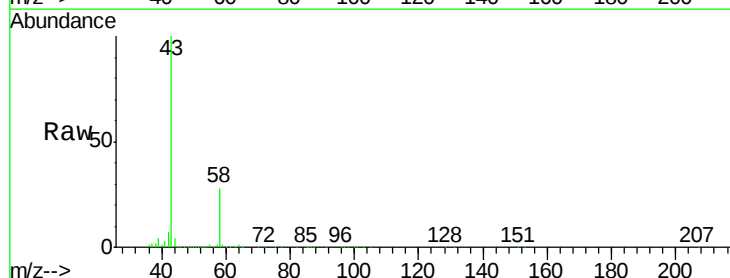
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

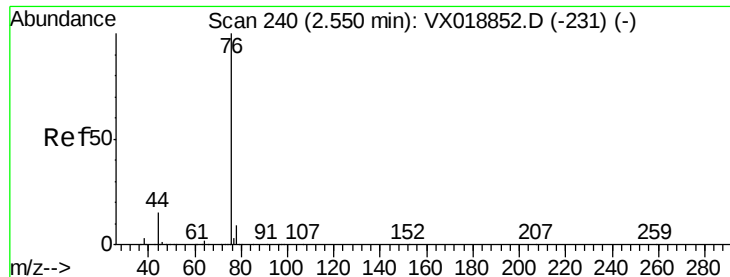
Tgt Ion: 53 Resp: 88469
Ion Ratio Lower Upper
53 100
52 82.1 66.7 100.1
51 39.2 30.3 45.5



#16
Acetone
Concen: 104.202 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 43 Resp: 114921
Ion Ratio Lower Upper
43 100
58 27.6 23.0 34.4





#17

Carbon Disulfide

Concen: 16.758 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

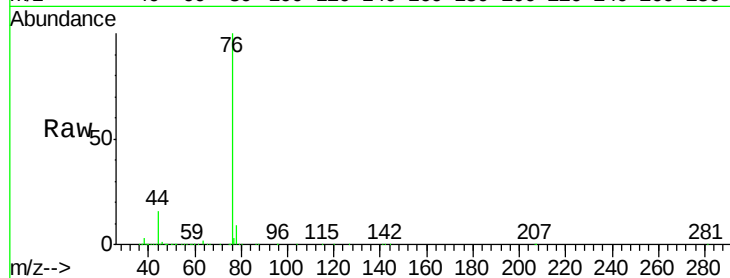
VSTDIC020

Tgt Ion: 76 Resp: 96191

Ion Ratio Lower Upper

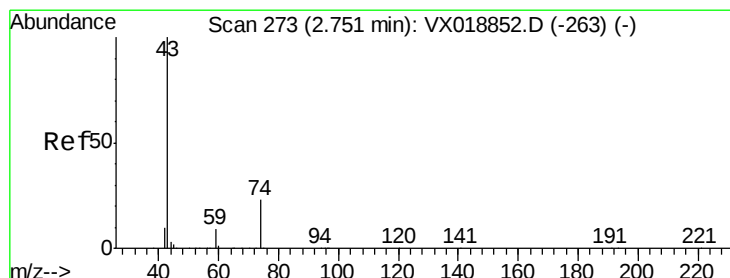
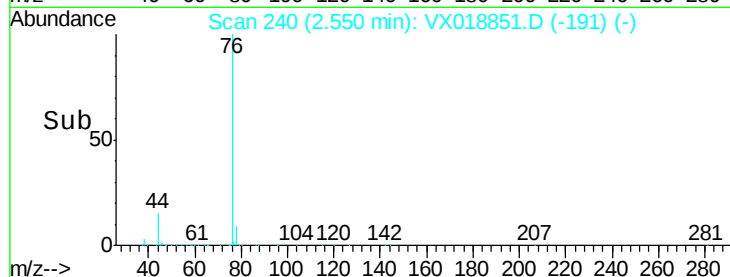
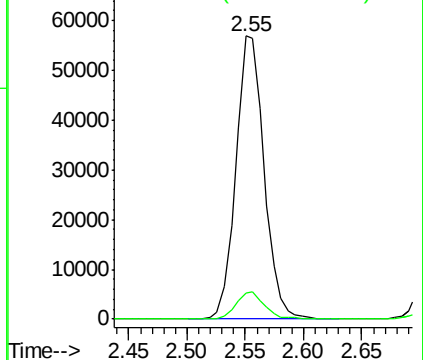
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.359 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018851.D

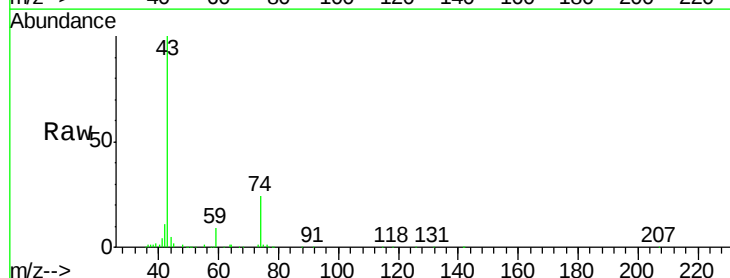
Acq: 09 Oct 2020 12:03

Tgt Ion: 43 Resp: 43003

Ion Ratio Lower Upper

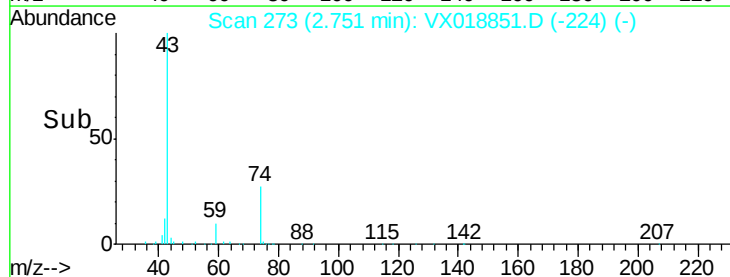
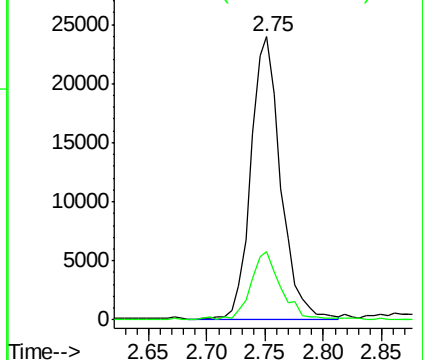
43 100

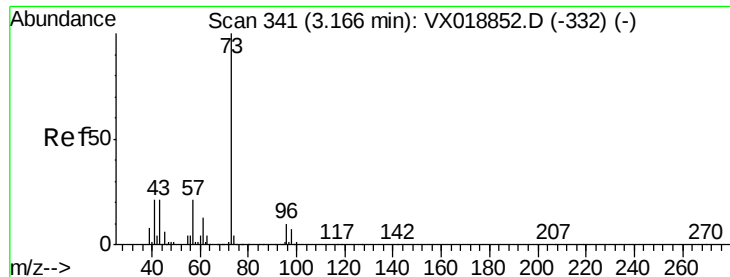
74 24.2 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 16.354 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

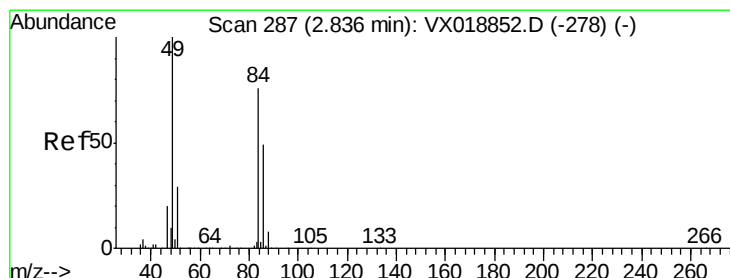
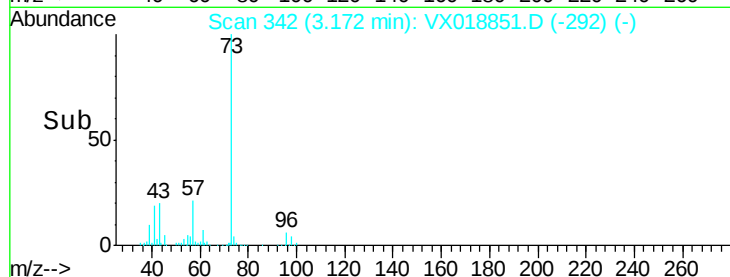
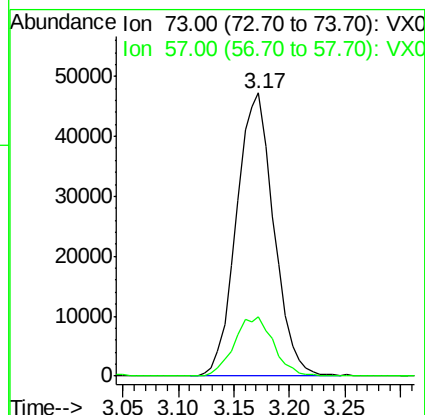
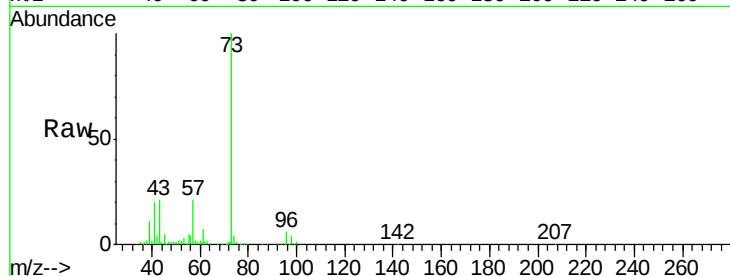
VSTDIC020

Tgt Ion: 73 Resp: 109909

Ion Ratio Lower Upper

73 100

57 20.8 16.7 25.1



#20

Methylene Chloride

Concen: 16.583 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Tgt Ion: 84 Resp: 39328

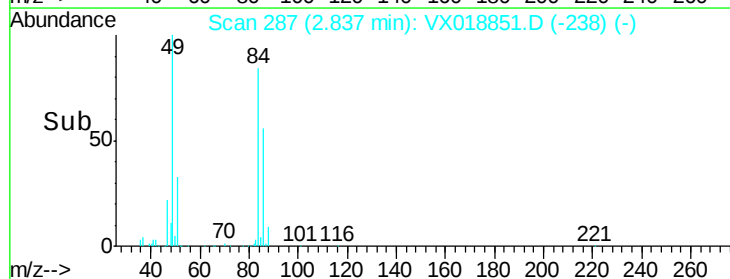
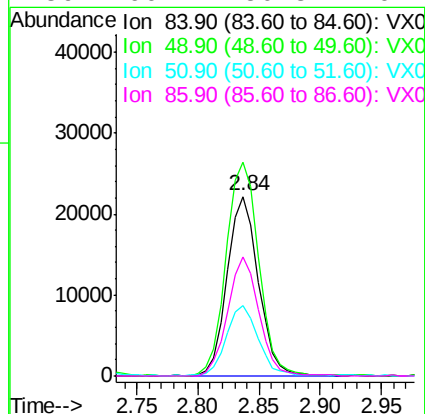
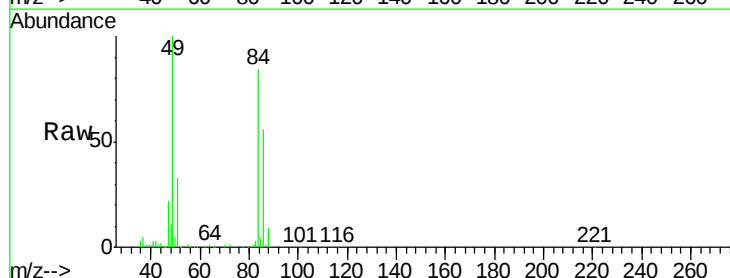
Ion Ratio Lower Upper

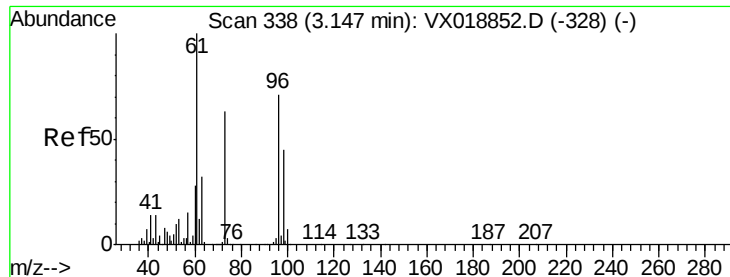
84 100

49 118.4 104.8 157.2

51 38.7 30.6 46.0

86 66.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.431 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

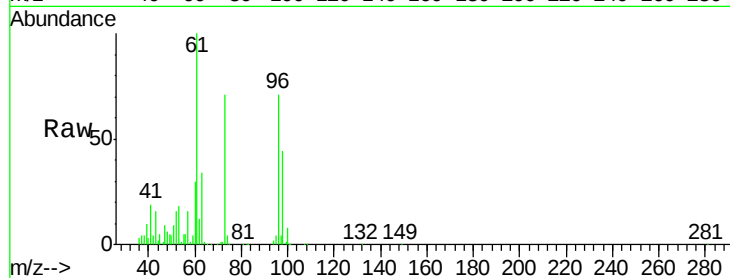
Tgt Ion: 96 Resp: 36886

Ion Ratio Lower Upper

96 100

61 139.8 112.0 168.0

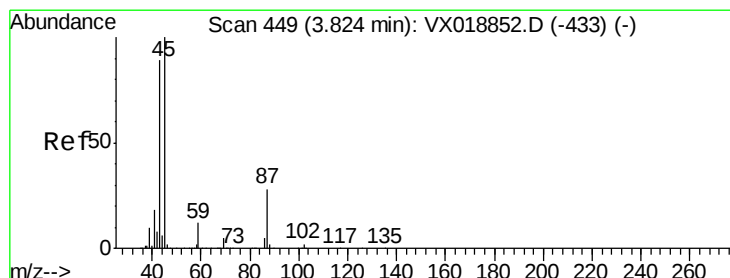
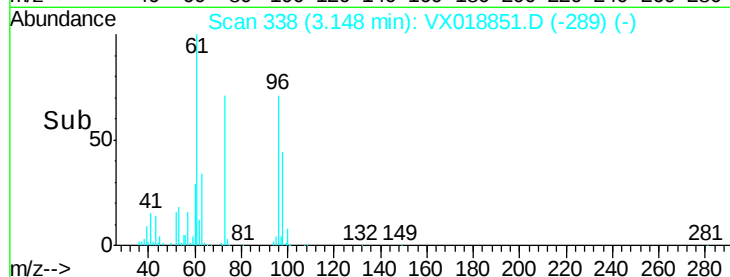
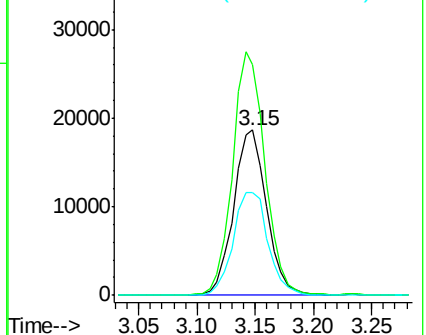
98 62.0 50.2 75.2



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



#22

Diisopropyl ether

Concen: 16.070 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Tgt Ion: 45 Resp: 110621

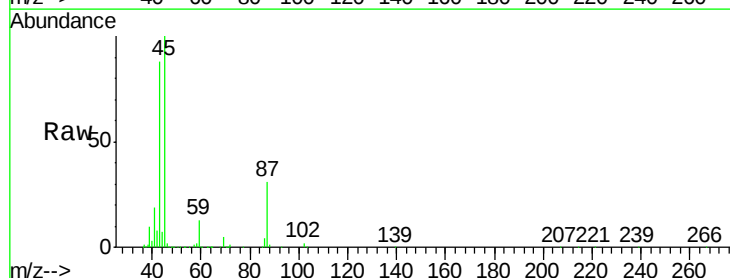
Ion Ratio Lower Upper

45 100

43 87.9 71.2 106.8

87 31.1 22.5 33.7

59 12.8 9.2 13.8

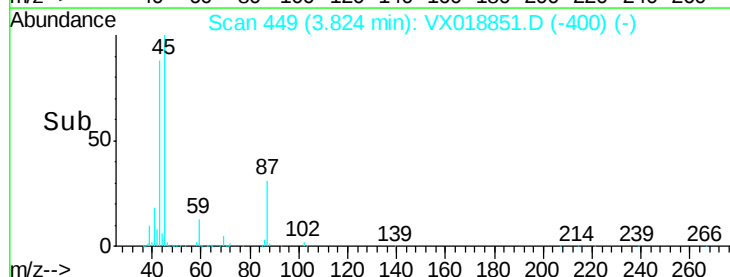
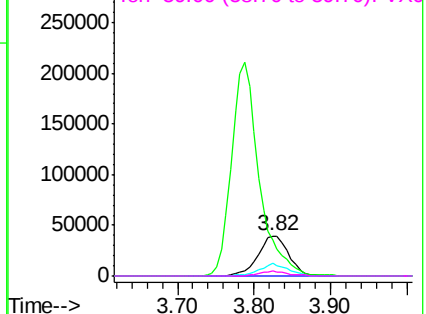


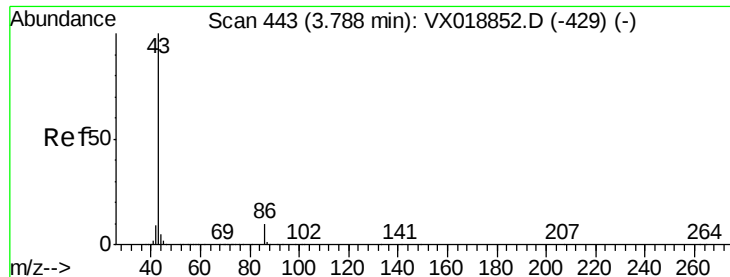
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 84.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

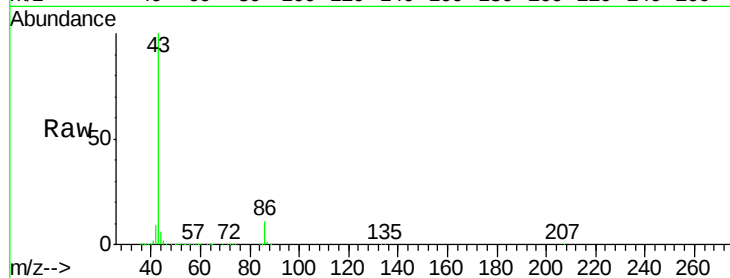
VSTDIC020

Tgt Ion: 43 Resp: 526777

Ion Ratio Lower Upper

43 100

86 11.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

100000

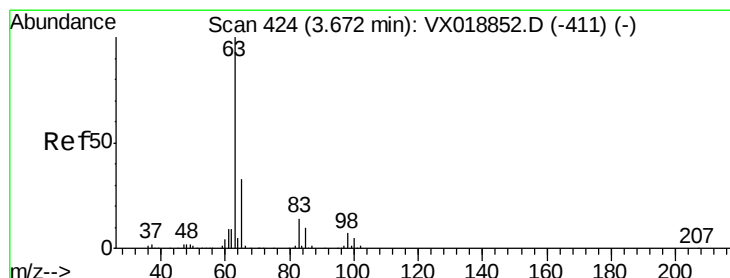
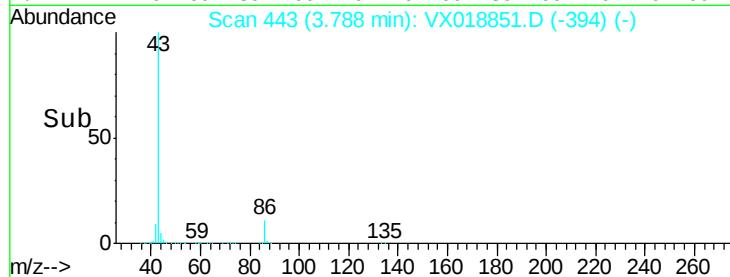
50000

0

3.79

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.434 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

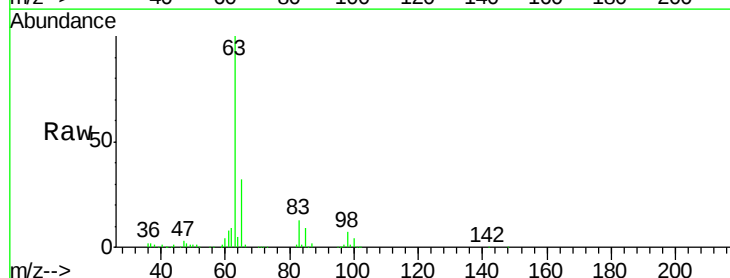
Tgt Ion: 63 Resp: 70680

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

20000

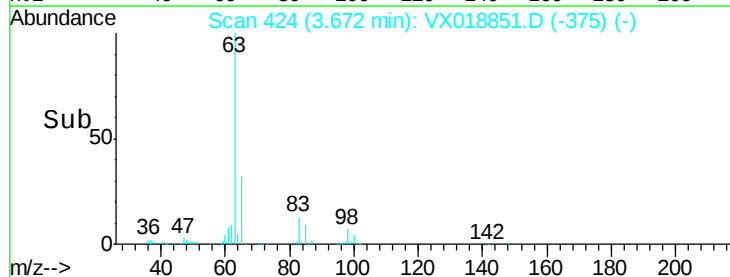
10000

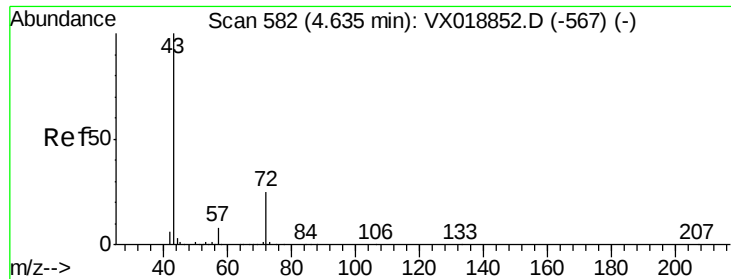
0

3.67

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 85.913 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampled :

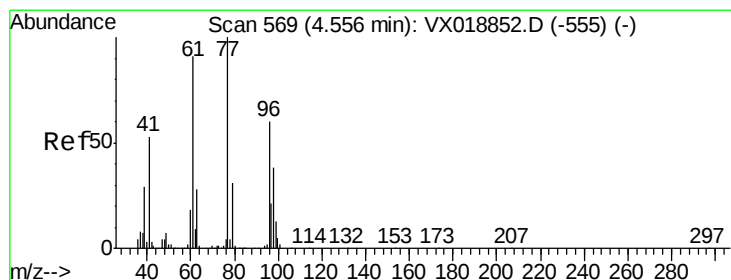
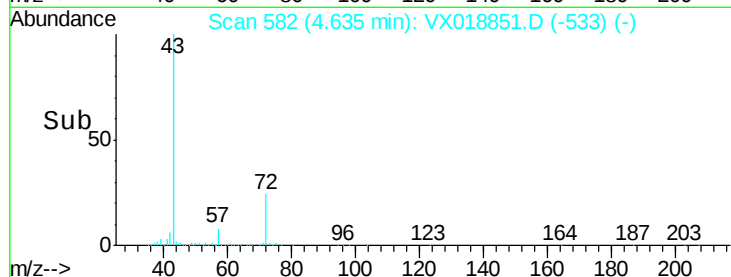
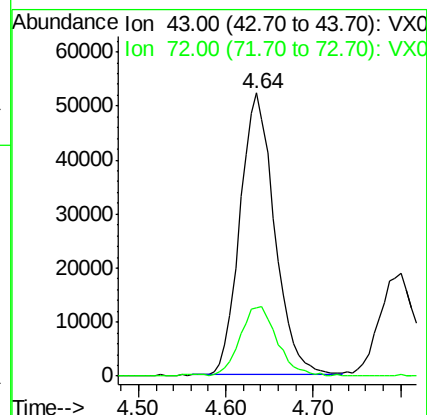
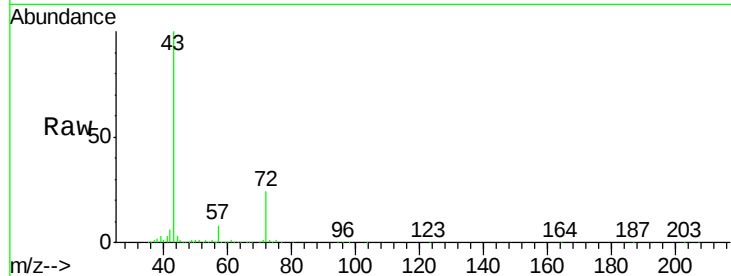
VSTDIC020

Tgt Ion: 43 Resp: 143842

Ion Ratio Lower Upper

43 100

72 24.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 17.896 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018851.D

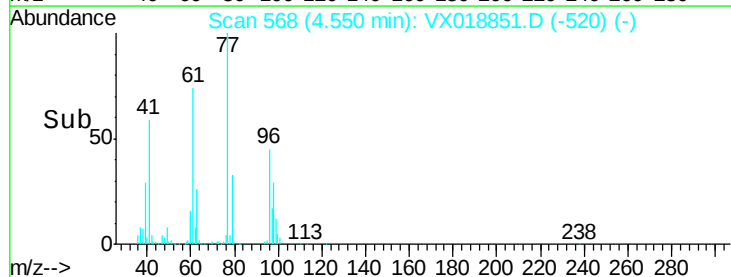
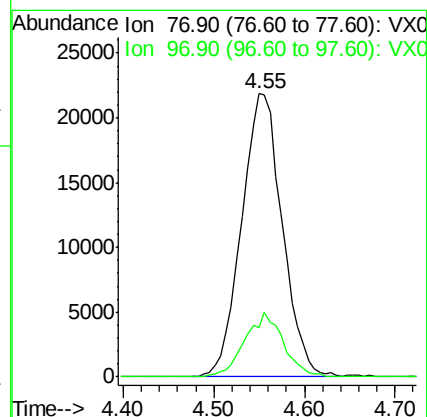
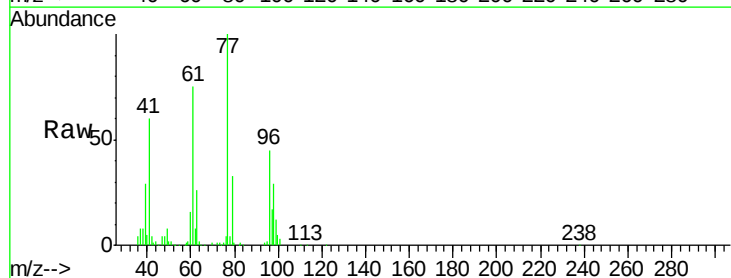
Acq: 09 Oct 2020 12:03

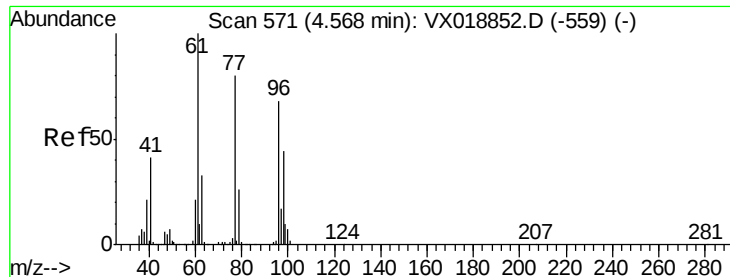
Tgt Ion: 77 Resp: 67868

Ion Ratio Lower Upper

77 100

97 21.6 10.4 31.4



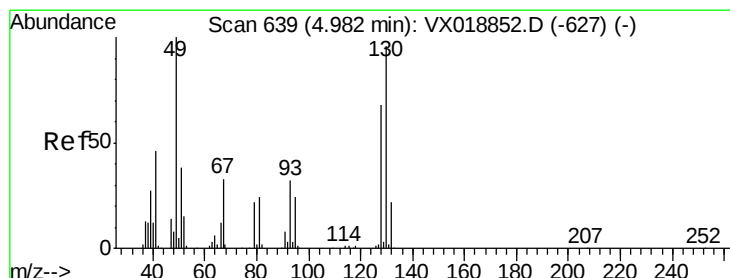
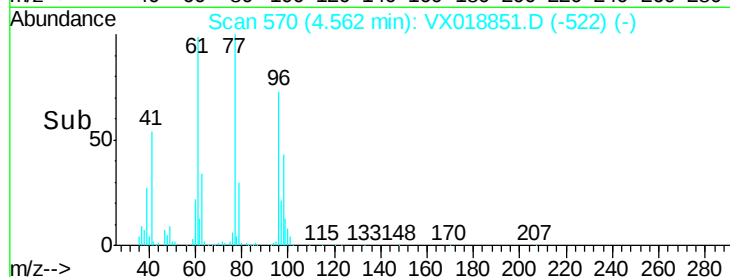
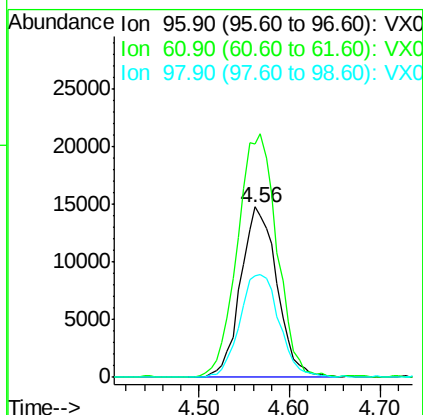
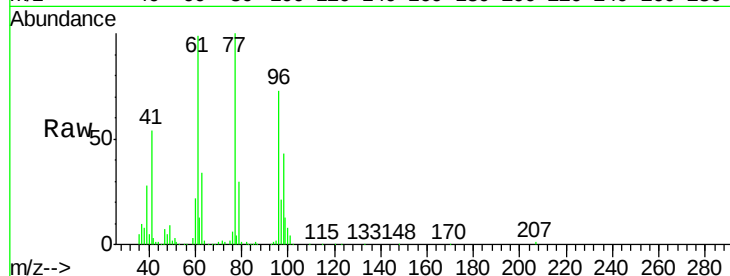


#27

cis-1,2-Dichloroethene
 Concen: 16.401 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

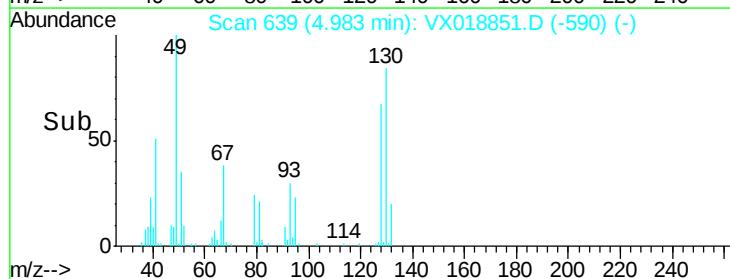
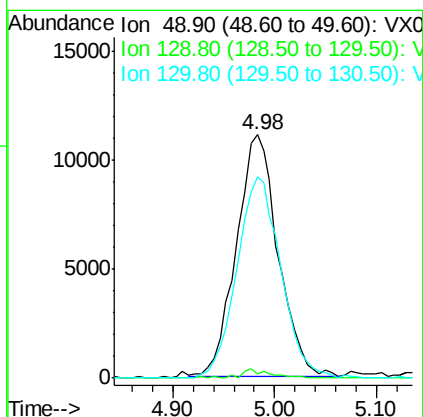
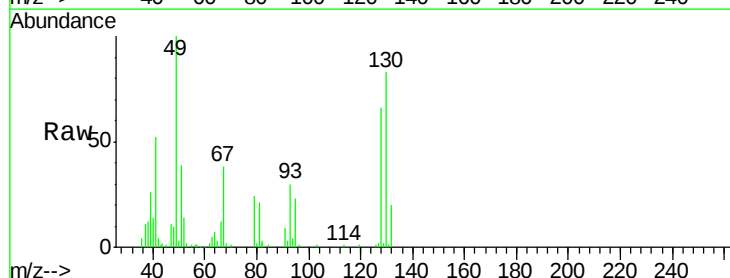
Tgt Ion: 96 Resp: 41089
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 306.8
 98 65.3 0.0 130.2

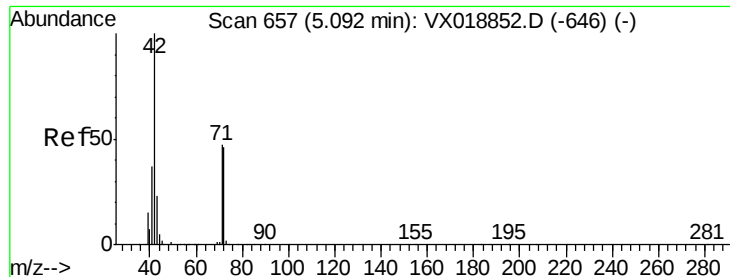


#28

Bromochloromethane
 Concen: 16.790 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion: 49 Resp: 31499
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.4
 130 87.4 71.2 106.8





#29

Tetrahydrofuran

Concen: 74.874 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

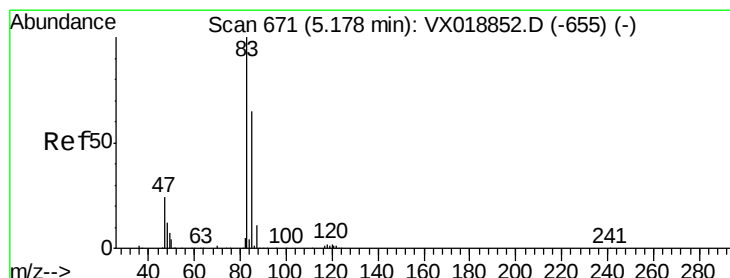
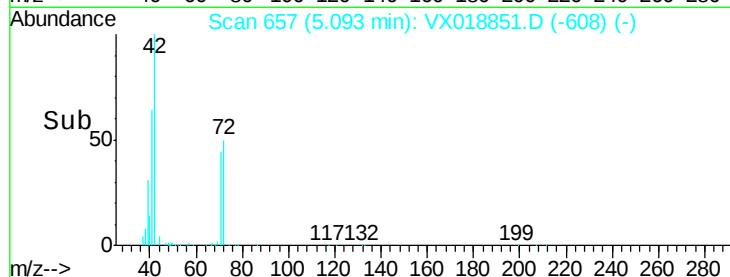
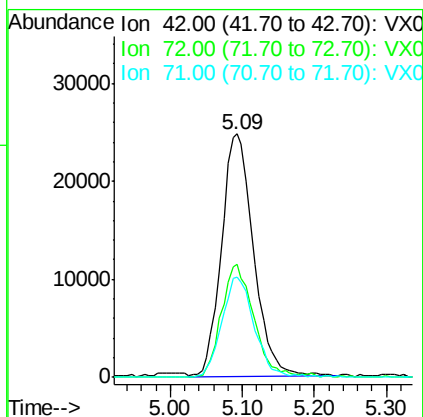
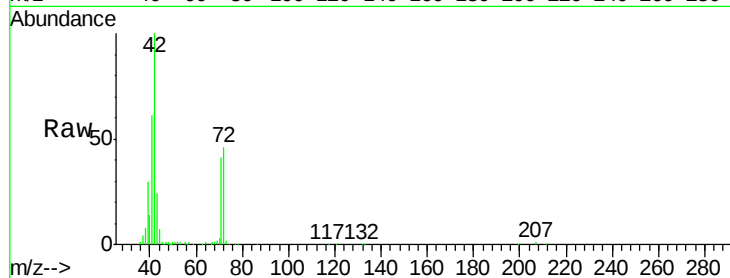
Tgt Ion: 42 Resp: 76903

Ion Ratio Lower Upper

42 100

72 46.5 36.4 54.6

71 41.2 35.2 52.8



#30

Chloroform

Concen: 18.778 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018851.D

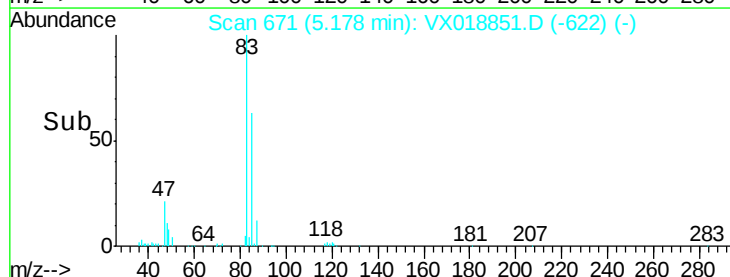
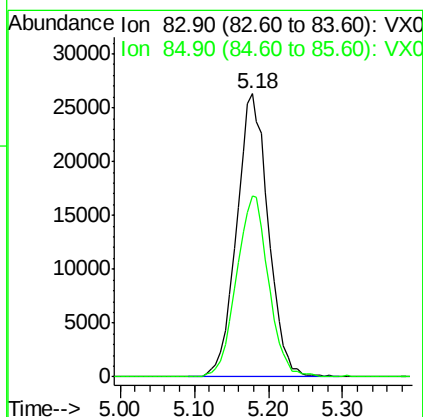
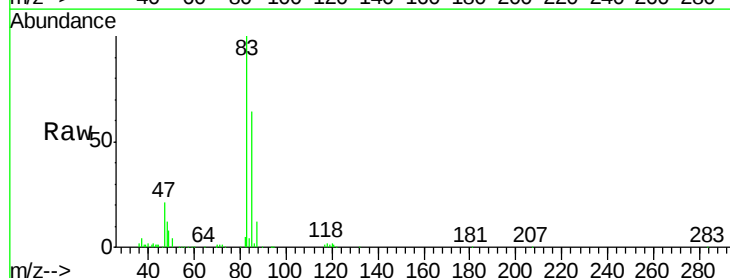
Acq: 09 Oct 2020 12:03

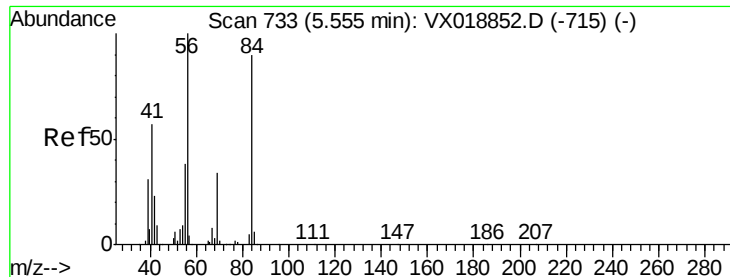
Tgt Ion: 83 Resp: 78222

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 14.705 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

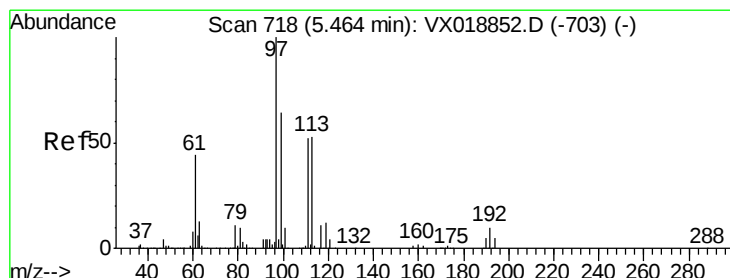
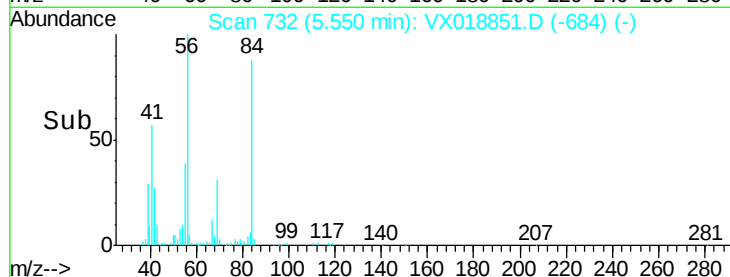
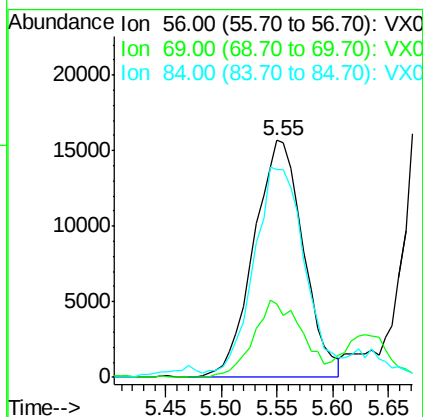
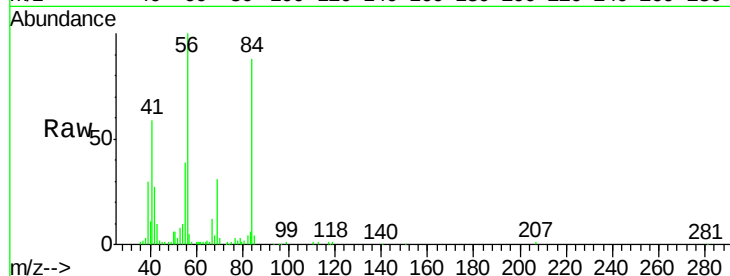
Tgt Ion: 56 Resp: 48614

Ion Ratio Lower Upper

56 100

69 31.1 27.1 40.7

84 83.0 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 19.050 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

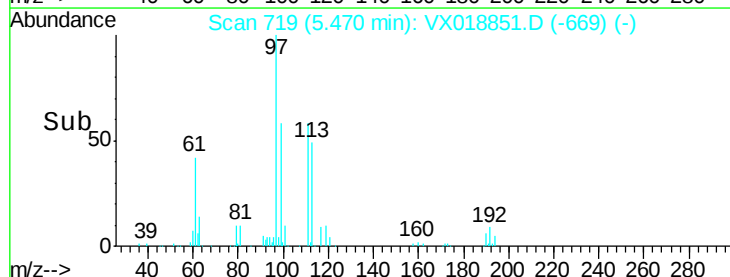
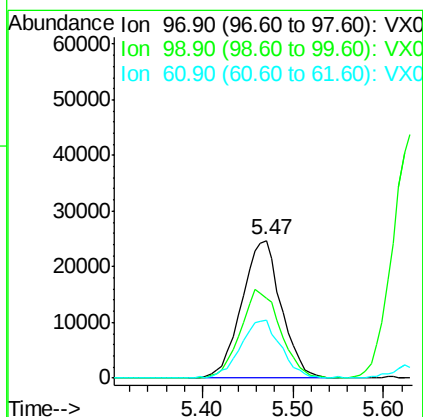
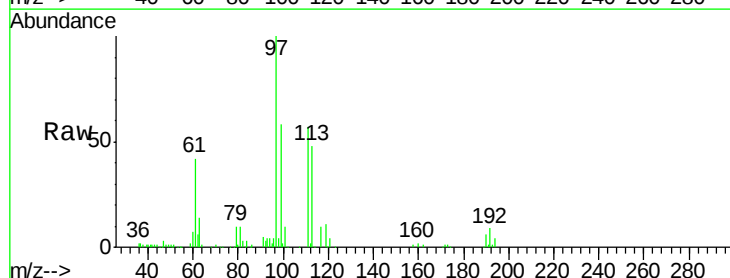
Tgt Ion: 97 Resp: 74608

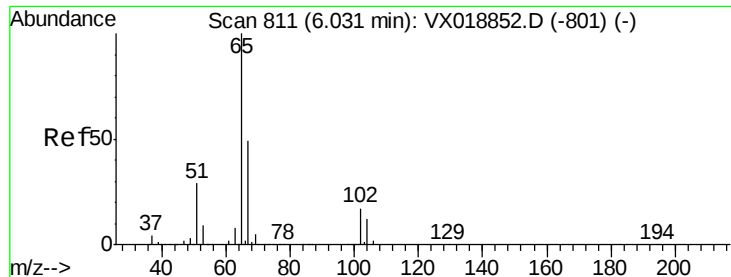
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 42.8 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 17.988 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

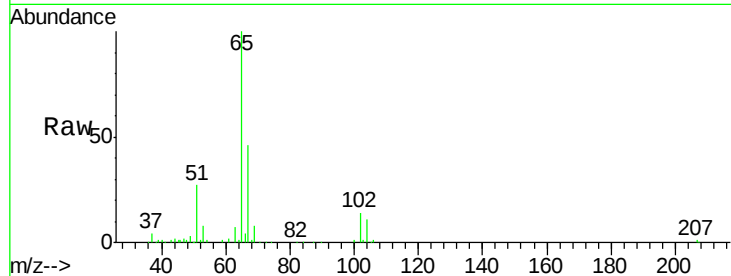
VSTDIC020

Tgt Ion: 65 Resp: 51644

Ion Ratio Lower Upper

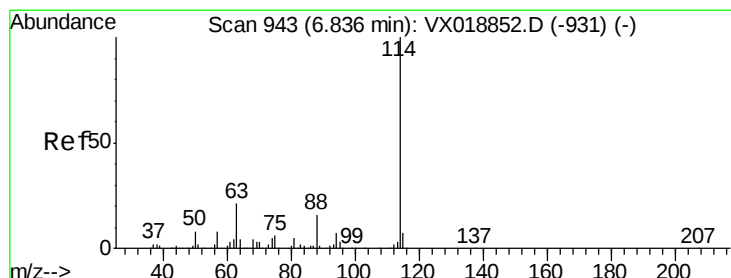
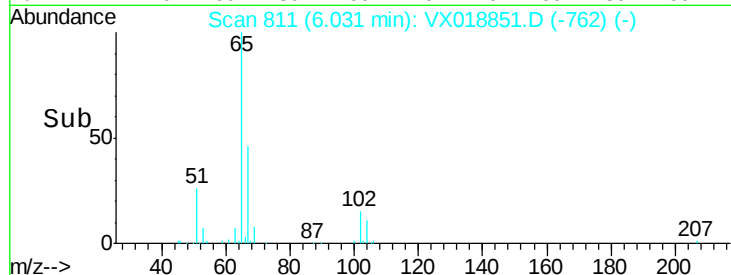
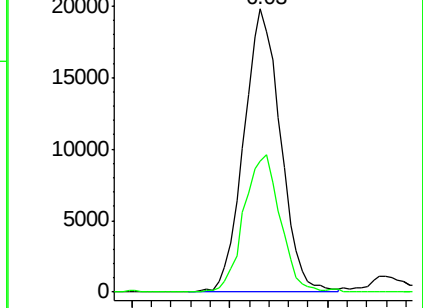
65 100

67 47.8 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

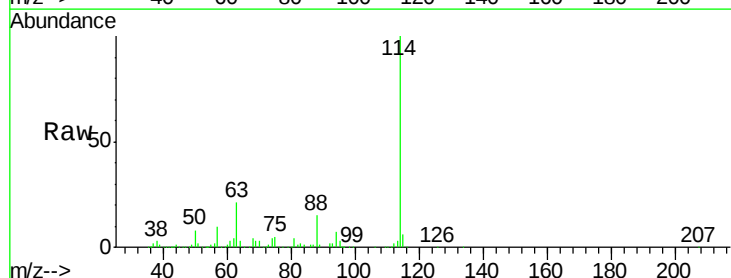
Tgt Ion: 114 Resp: 298324

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

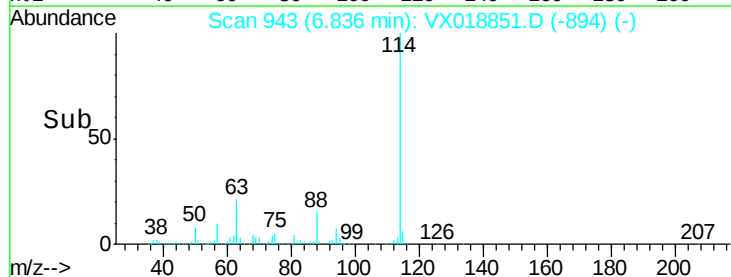
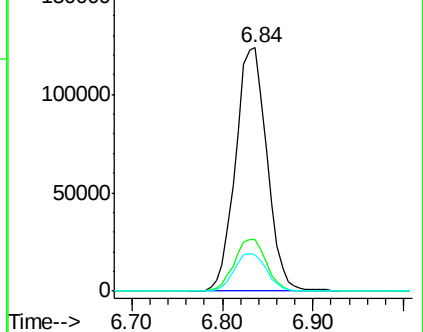
88 14.7 0.0 32.6

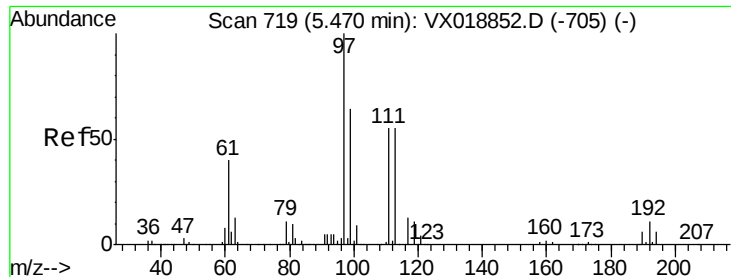


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 17.512 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

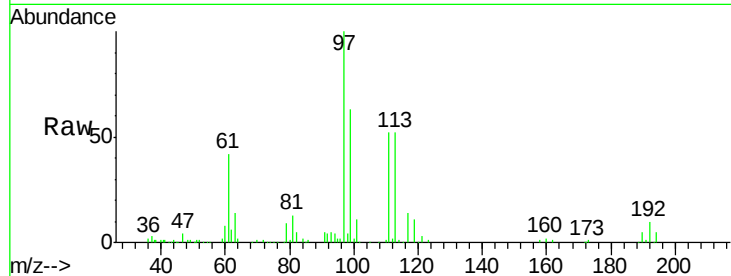
Tgt Ion:113 Resp: 36535

Ion Ratio Lower Upper

113 100

111 103.2 80.1 120.1

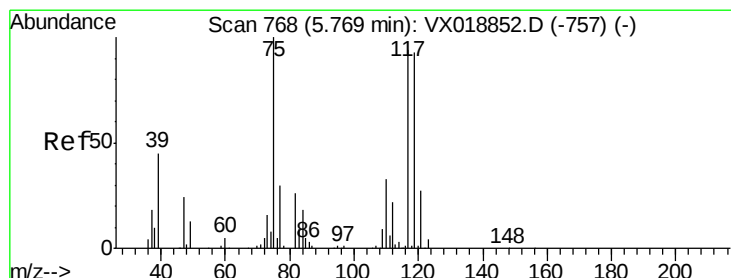
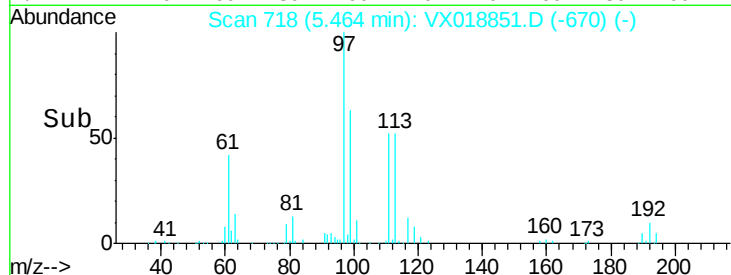
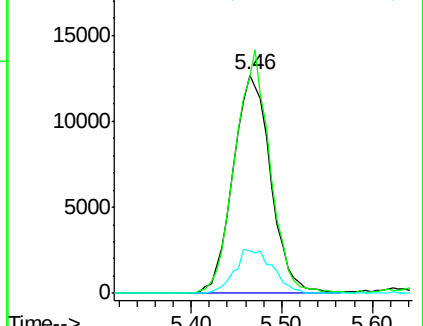
192 20.2 16.0 24.0



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: 18.084 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

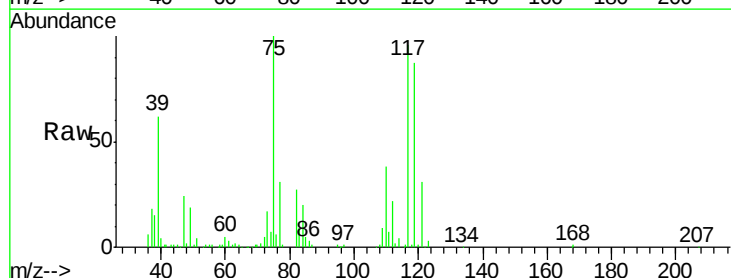
Tgt Ion: 75 Resp: 52600

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

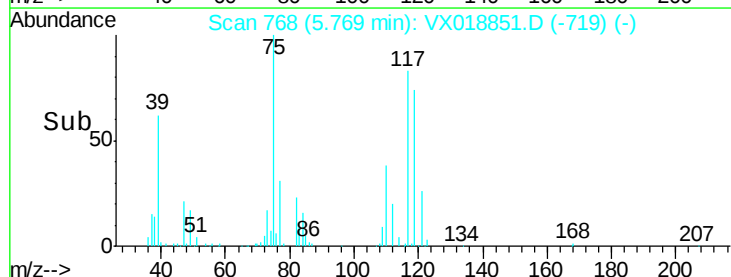
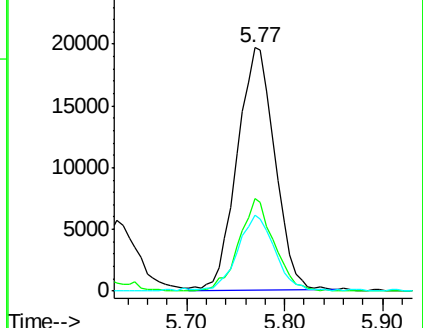
77 31.5 24.2 36.4

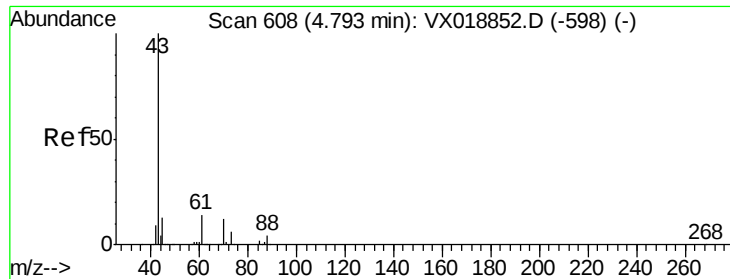


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

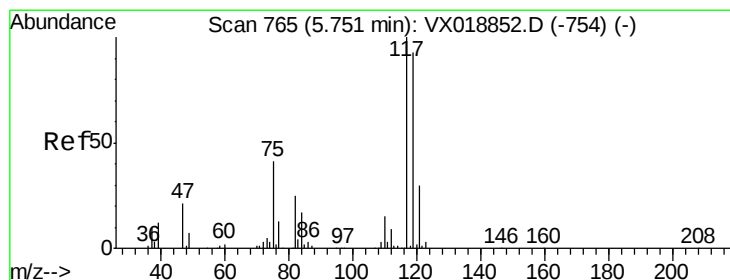
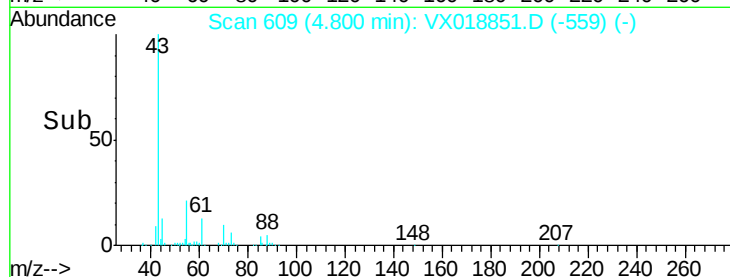
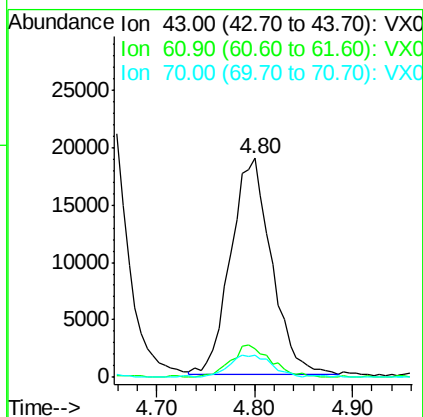
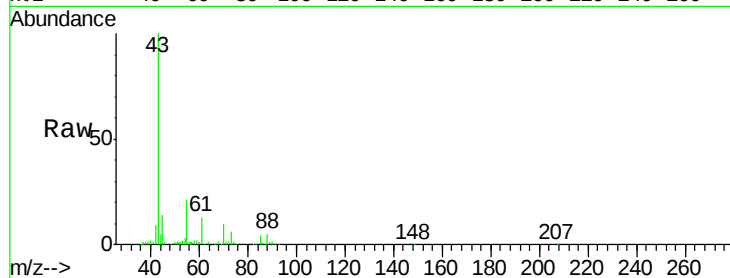




#37
Ethyl Acetate
Concen: 17.705 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

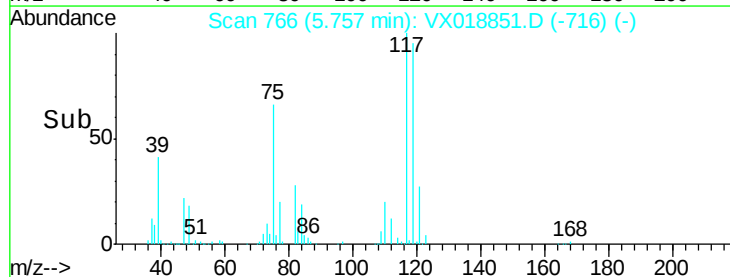
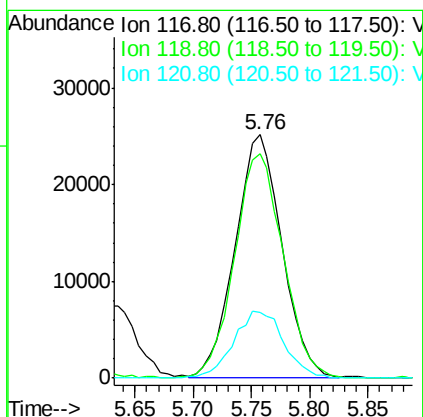
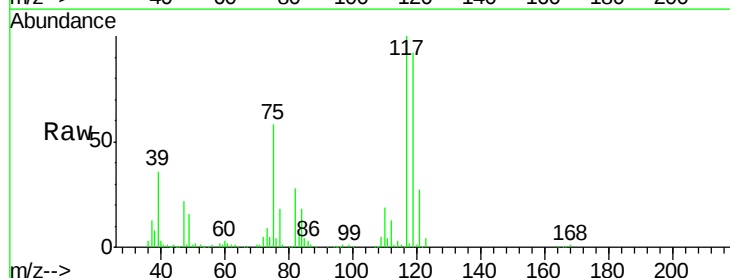
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

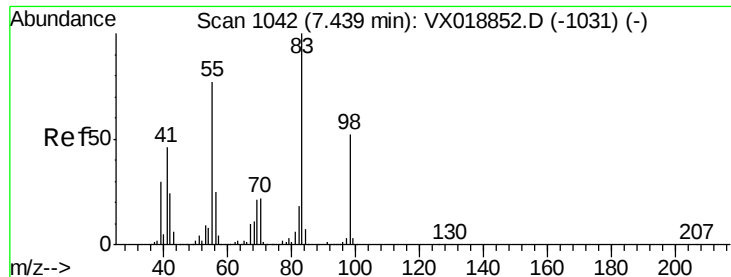
Tgt Ion: 43 Resp: 54546
Ion Ratio Lower Upper
43 100
61 15.0 10.9 16.3
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 21.403 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 117 Resp: 70607
Ion Ratio Lower Upper
117 100
119 91.3 73.9 110.9
121 26.9 23.6 35.4

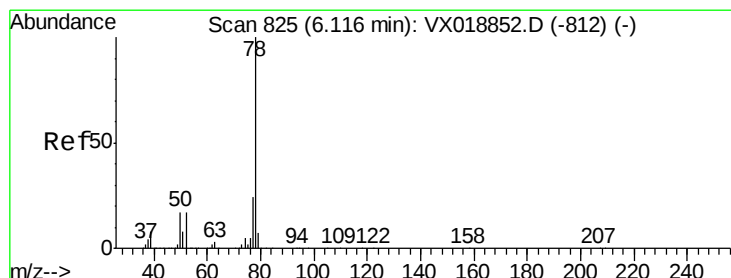
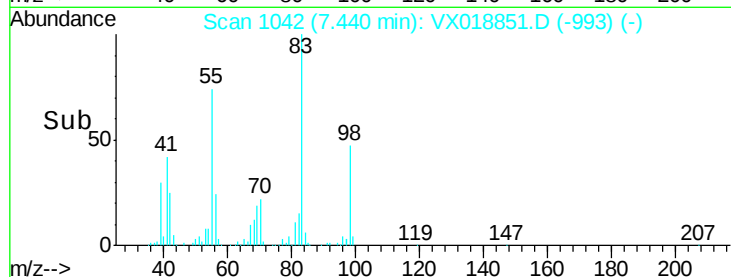
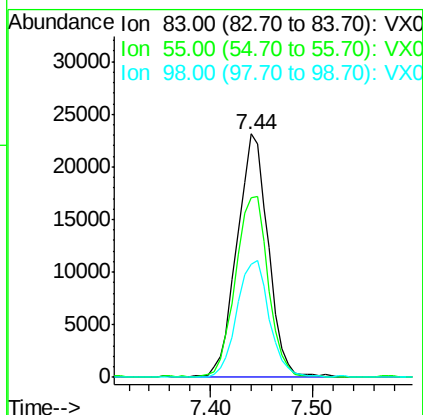
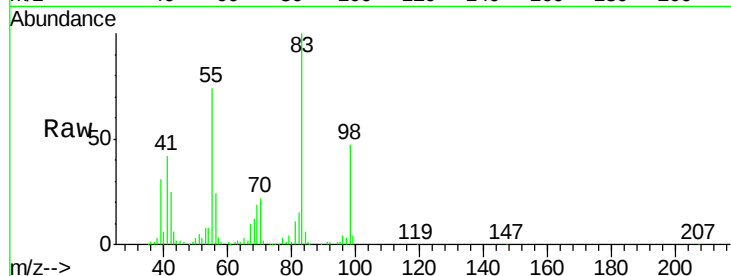




#39
Methylcyclohexane
Concen: 15.470 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

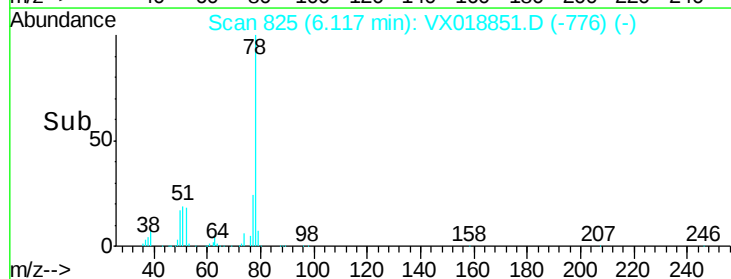
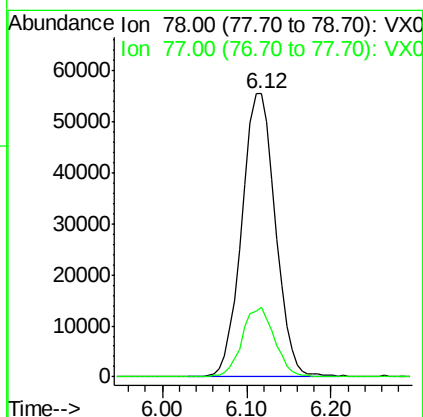
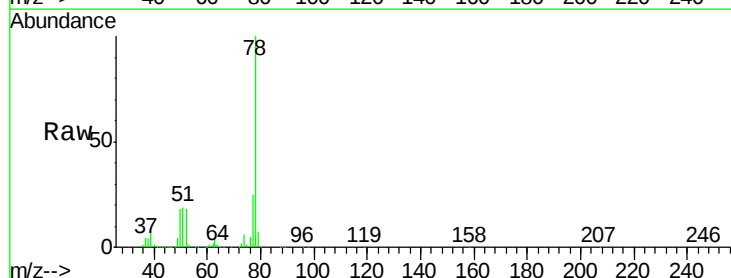
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

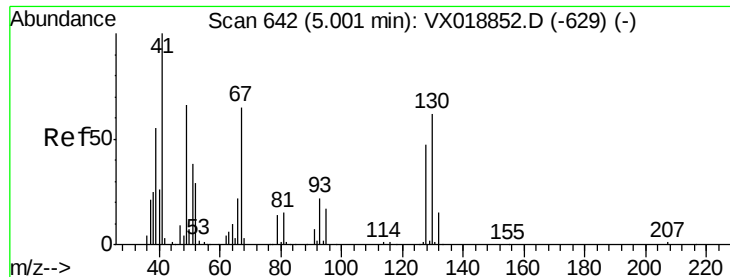
Tgt Ion: 83 Resp: 49267
Ion Ratio Lower Upper
83 100
55 73.4 61.8 92.6
98 46.5 41.4 62.0



#40
Benzene
Concen: 18.118 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 78 Resp: 150160
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

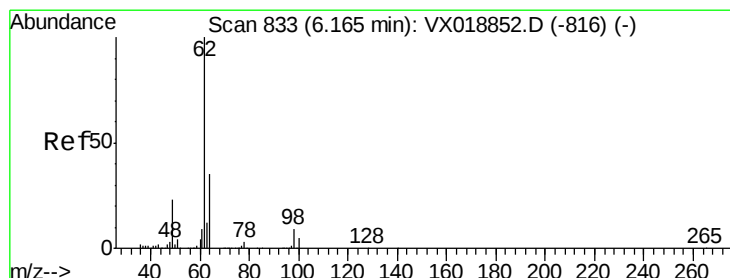
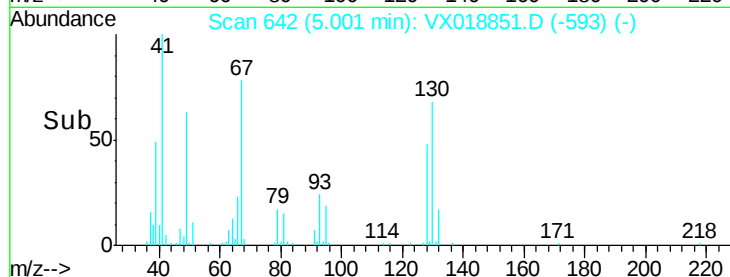
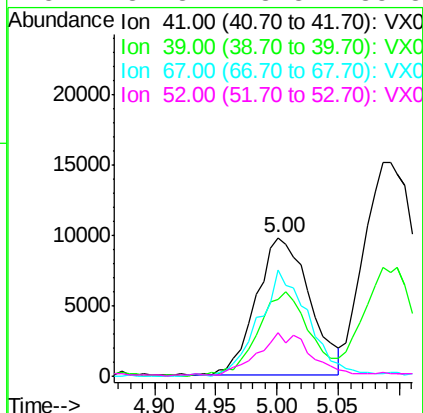
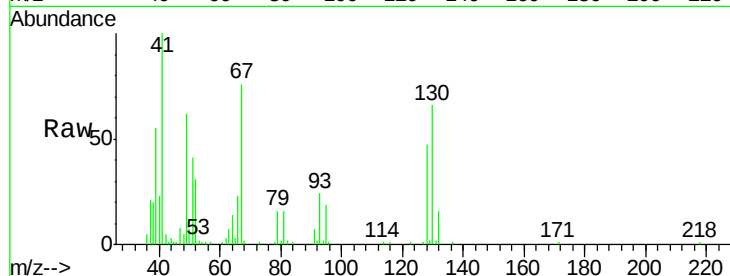




#41
Methacrylonitrile
Concen: 17.410 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

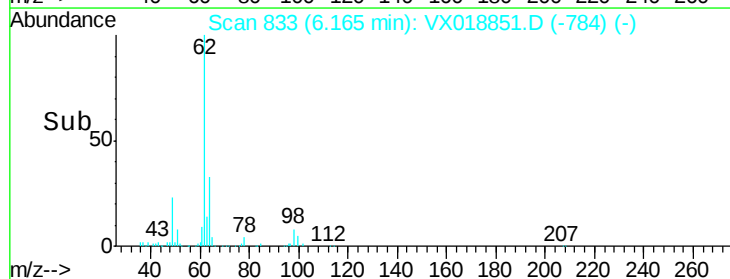
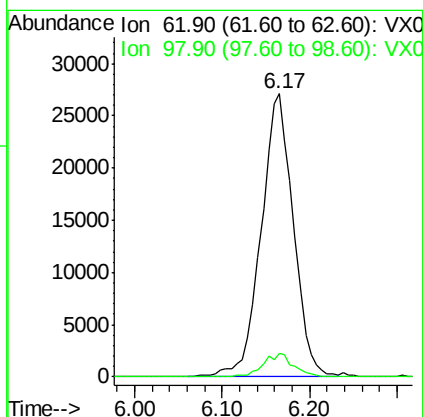
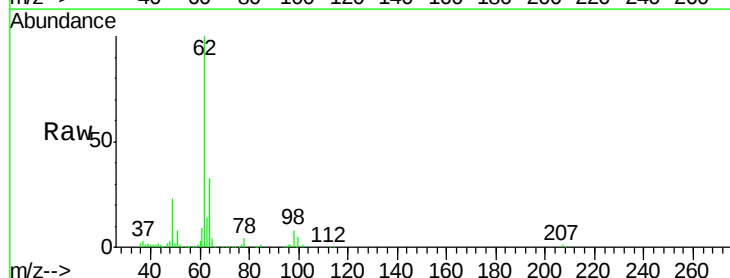
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

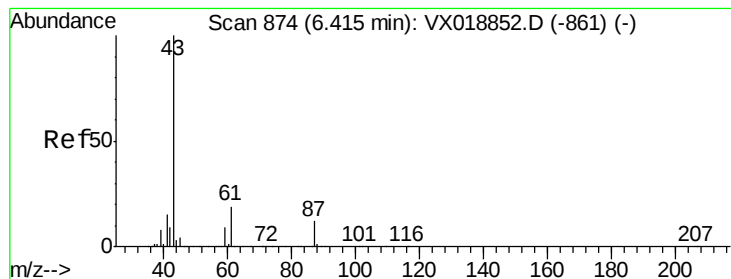
Tgt Ion:	41	Resp:	29855
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.4	68.2
67	71.1	55.4	83.2
52	32.3	23.8	35.8



#42
1,2-Dichloroethane
Concen: 21.083 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion:	62	Resp:	69740
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 16.689 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

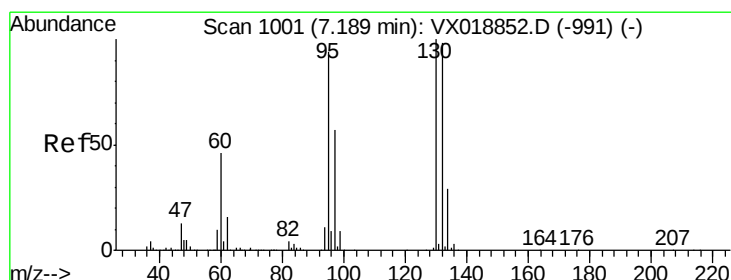
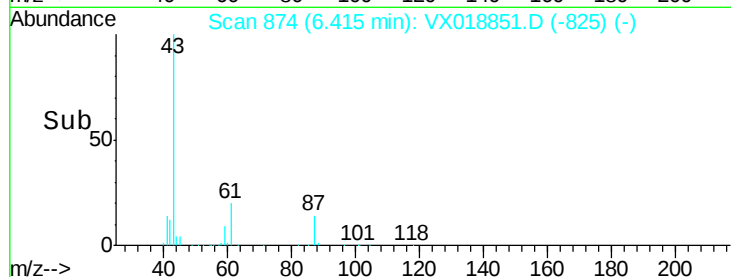
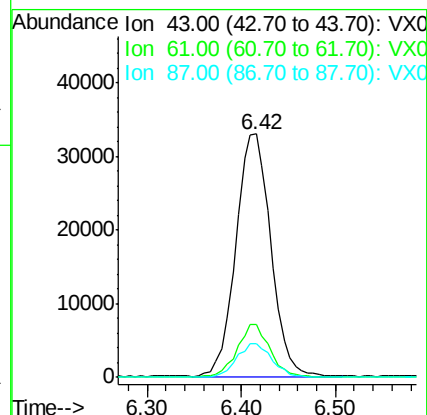
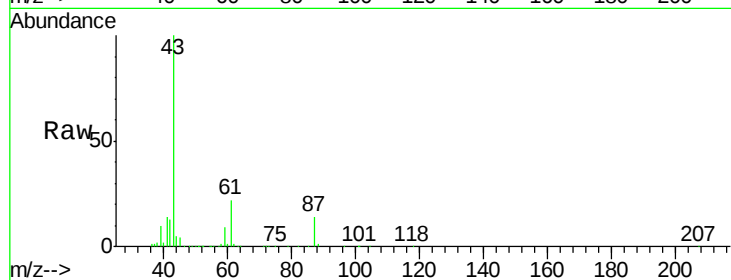
Tgt Ion: 43 Resp: 84991

Ion Ratio Lower Upper

43 100

61 20.7 15.5 23.3

87 14.0 10.8 16.2



#44

Trichloroethene

Concen: 17.919 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018851.D

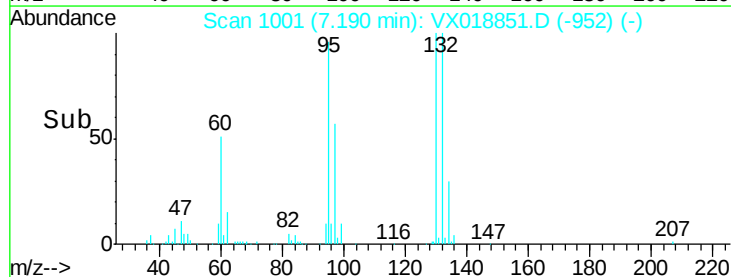
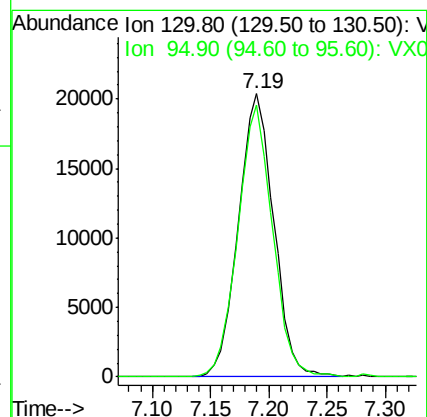
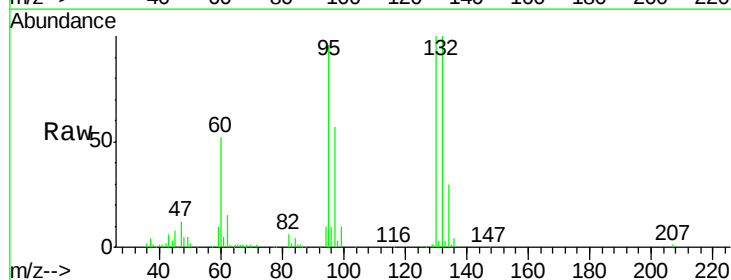
Acq: 09 Oct 2020 12:03

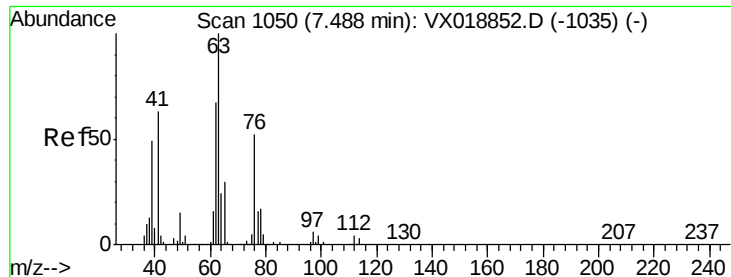
Tgt Ion: 130 Resp: 43121

Ion Ratio Lower Upper

130 100

95 96.2 0.0 188.4





#45

1,2-Dichloropropane

Concen: 17.222 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

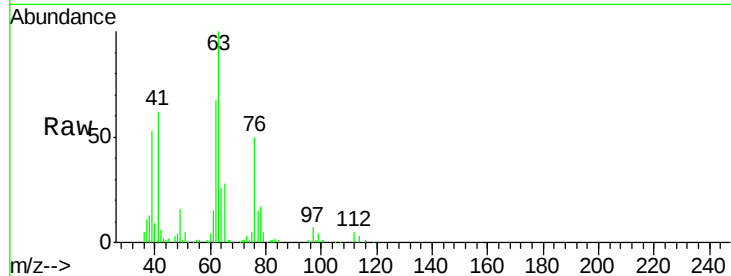
VSTDIC020

Tgt Ion: 63 Resp: 39007

Ion Ratio Lower Upper

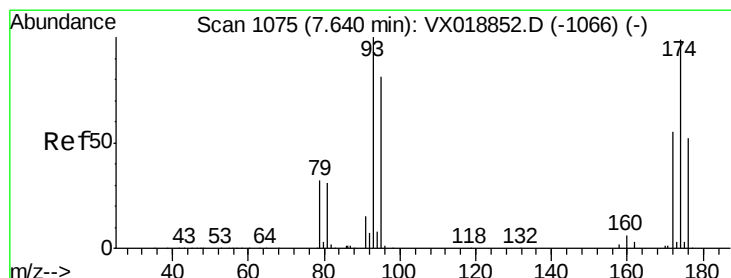
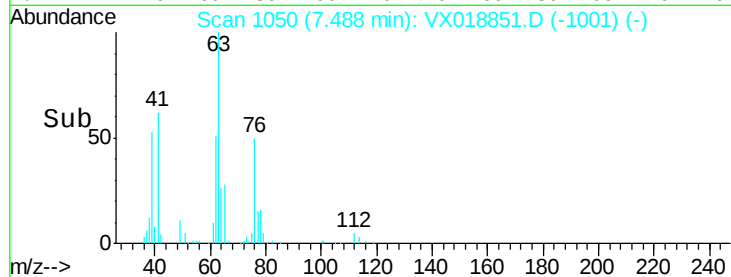
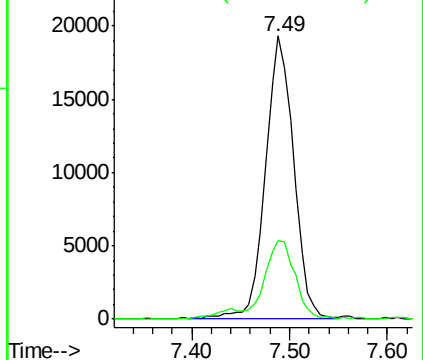
63 100

65 27.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.455 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

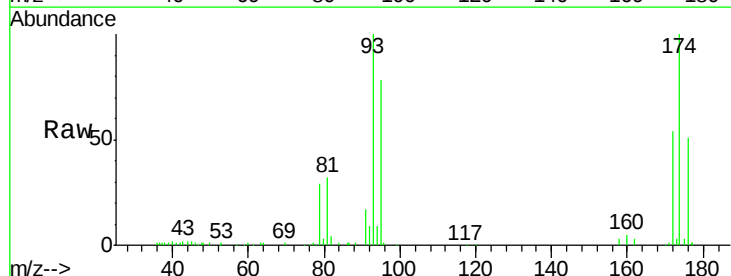
Tgt Ion: 93 Resp: 28955

Ion Ratio Lower Upper

93 100

95 85.0 66.1 99.1

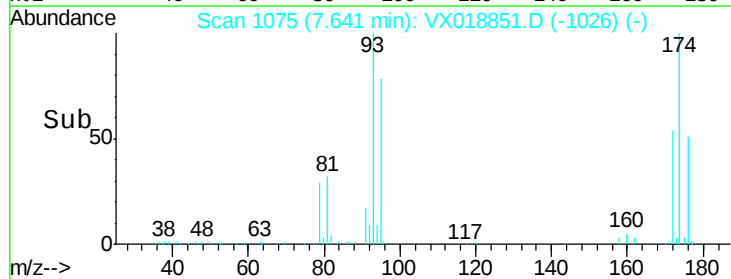
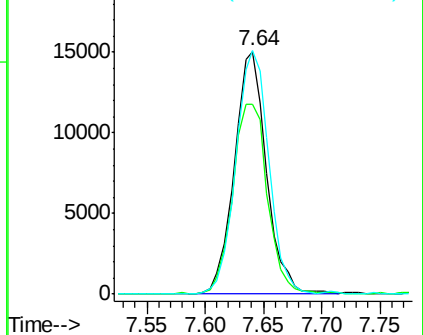
174 103.0 84.6 127.0

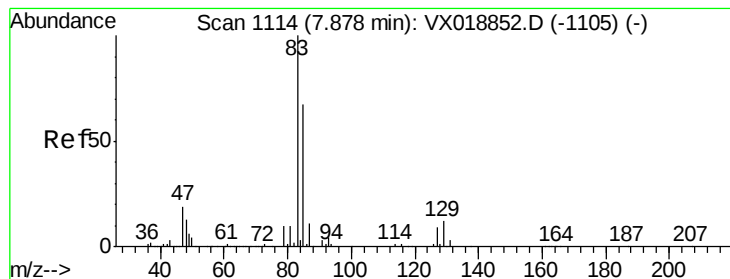


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.568 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

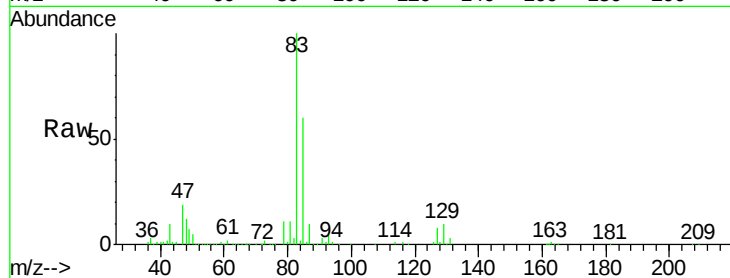
Tgt Ion: 83 Resp: 62702

Ion Ratio Lower Upper

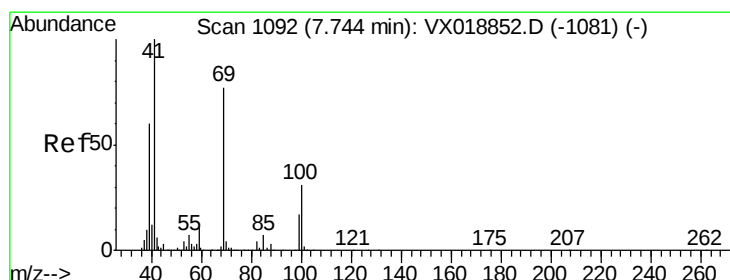
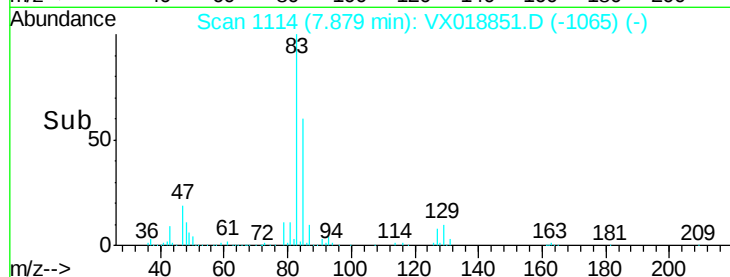
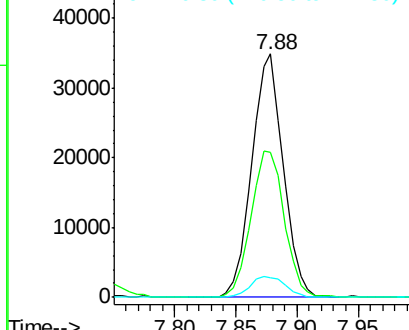
83 100

85 59.8 53.8 80.6

127 8.2 7.5 11.3



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



#48

Methyl methacrylate

Concen: 17.577 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

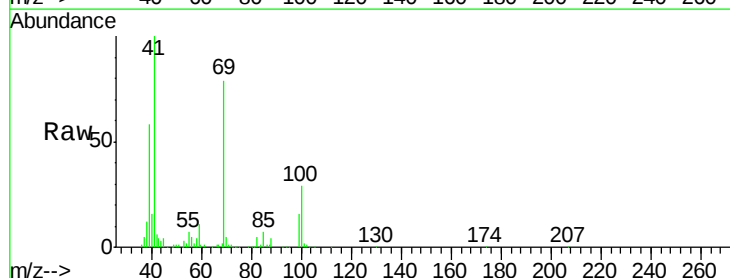
Tgt Ion: 41 Resp: 43883

Ion Ratio Lower Upper

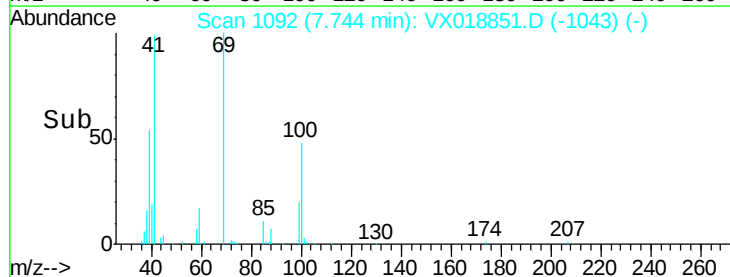
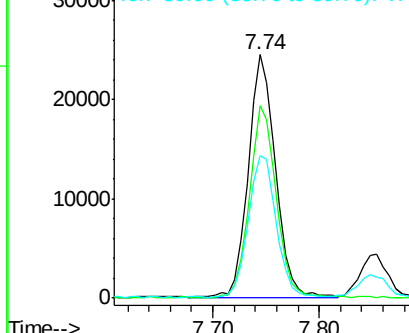
41 100

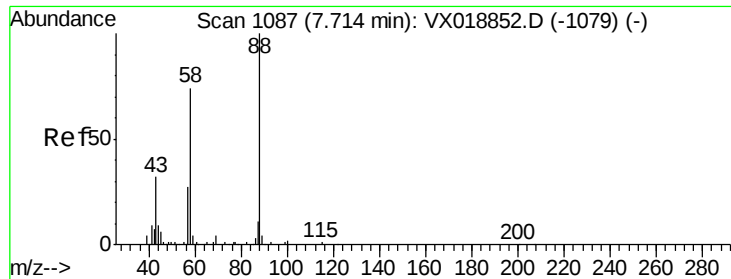
69 77.7 64.6 97.0

39 59.8 48.6 73.0



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: 314.604 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

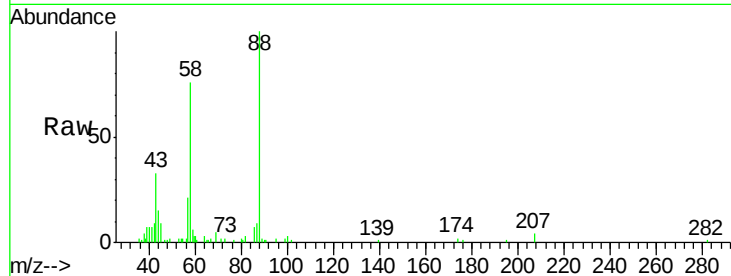
Tgt Ion: 88 Resp: 12685

Ion Ratio Lower Upper

88 100

43 42.2 31.0 46.6

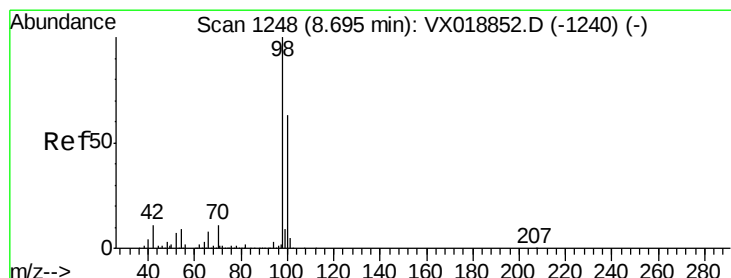
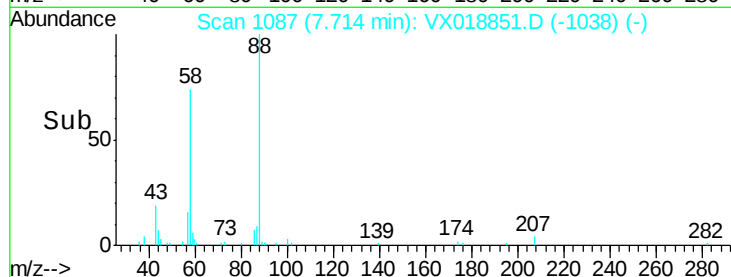
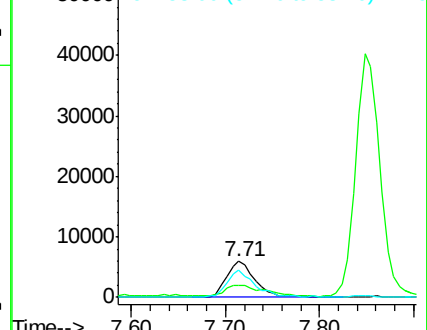
58 74.1 59.3 88.9



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: 16.441 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018851.D

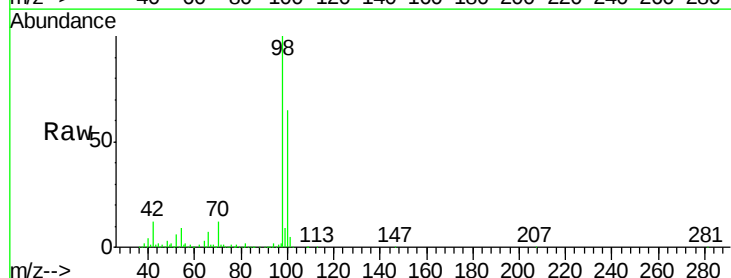
Acq: 09 Oct 2020 12:03

Tgt Ion: 98 Resp: 123454

Ion Ratio Lower Upper

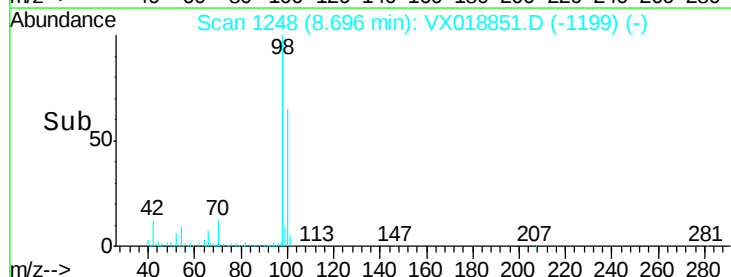
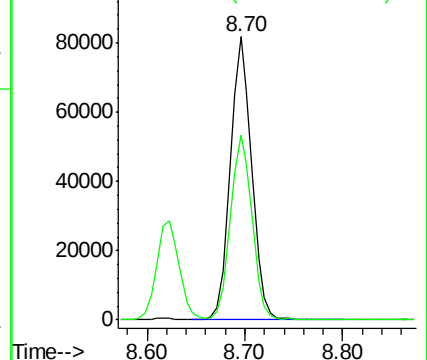
98 100

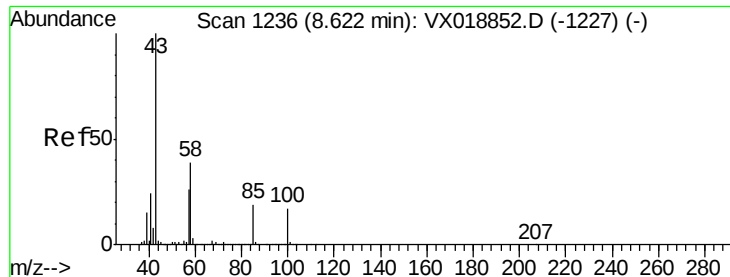
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

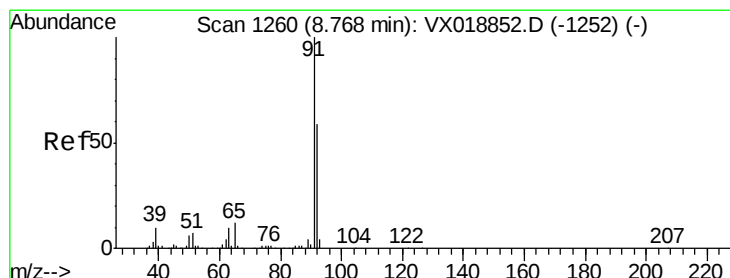
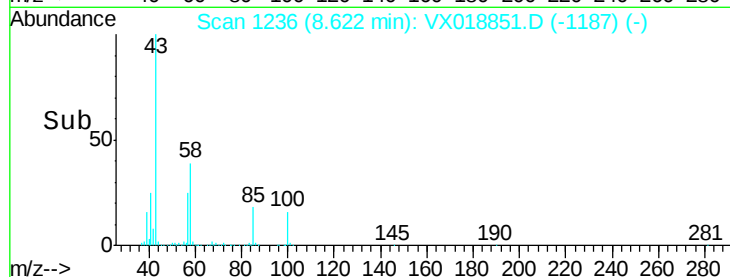
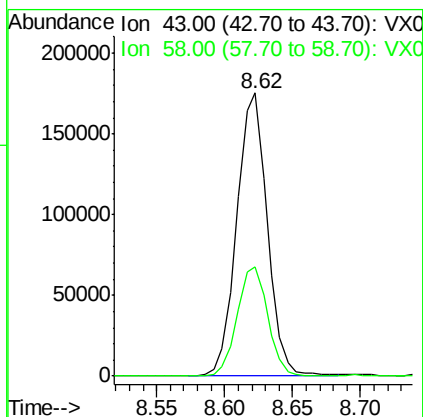
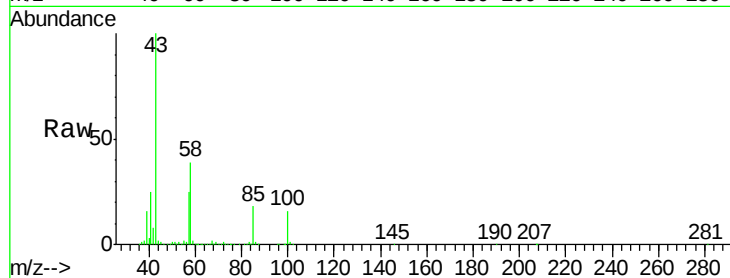




#51
 4-Methyl-2-Pentanone
 Concen: 89.915 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

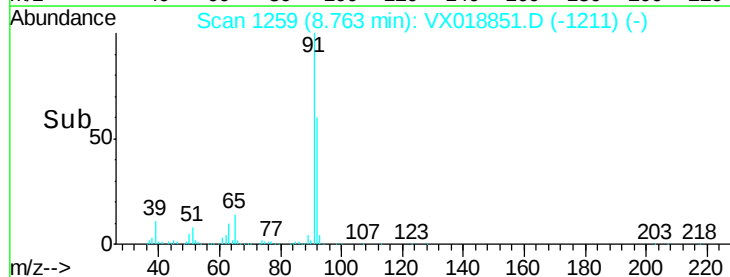
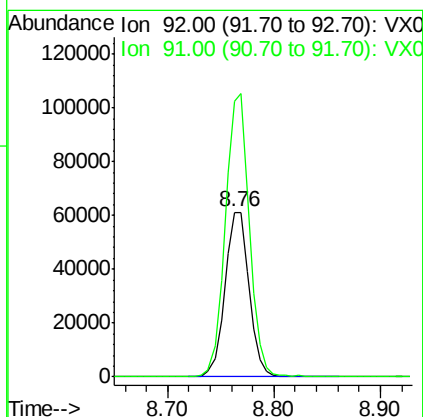
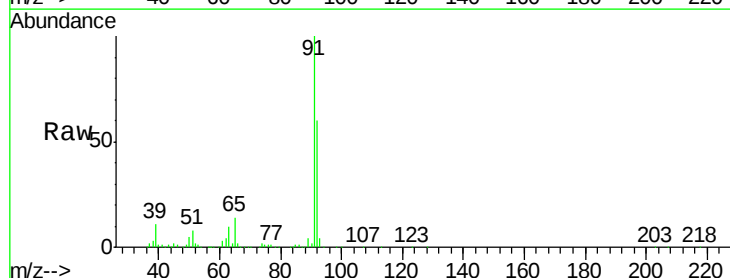
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

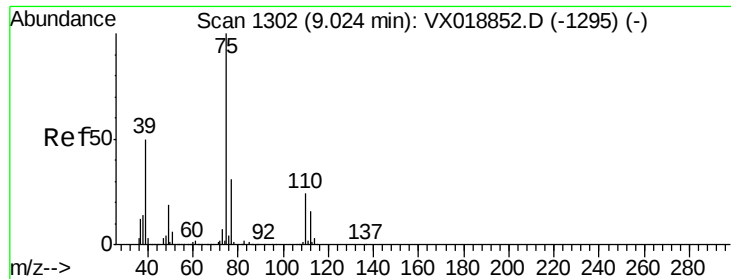
Tgt Ion: 43 Resp: 273871
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.9 46.3



#52
 Toluene
 Concen: 18.469 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion: 92 Resp: 97104
 Ion Ratio Lower Upper
 92 100
 91 170.9 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.774 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

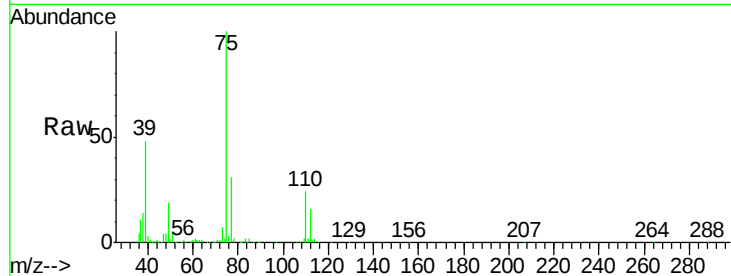
VSTDIC020

Tgt Ion: 75 Resp: 64174

Ion Ratio Lower Upper

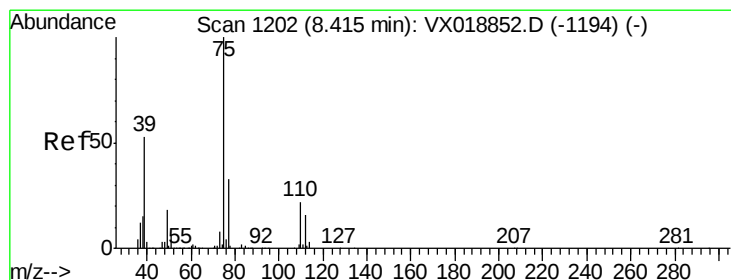
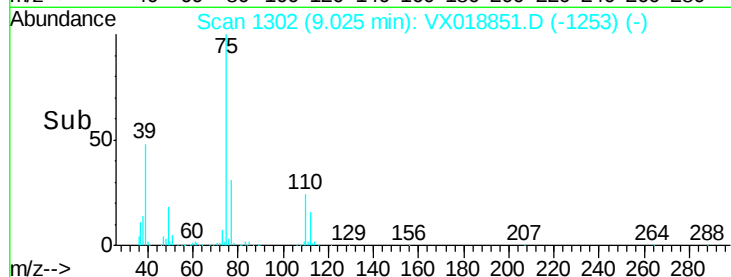
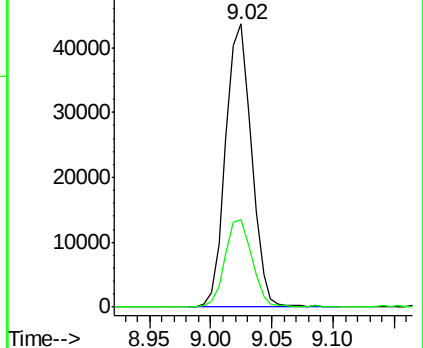
75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.350 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

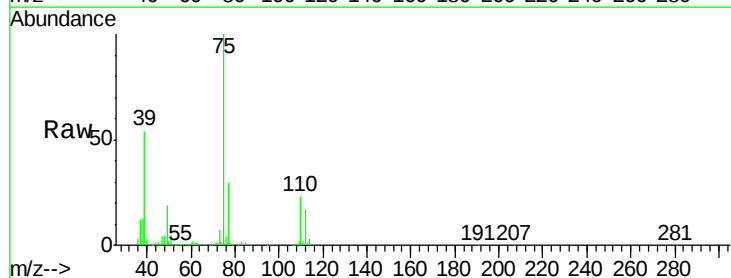
Tgt Ion: 75 Resp: 67728

Ion Ratio Lower Upper

75 100

77 30.1 26.6 39.8

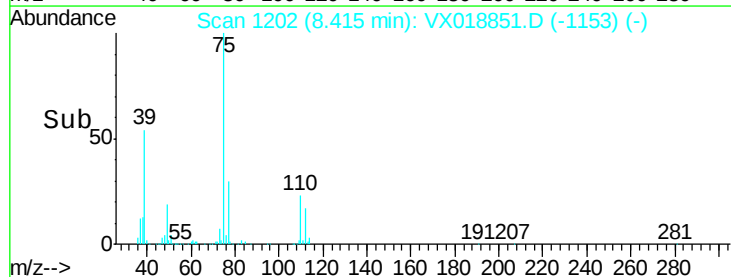
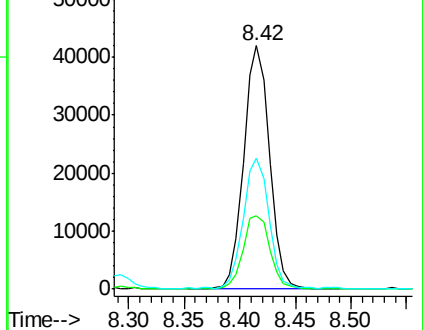
39 53.3 42.6 64.0

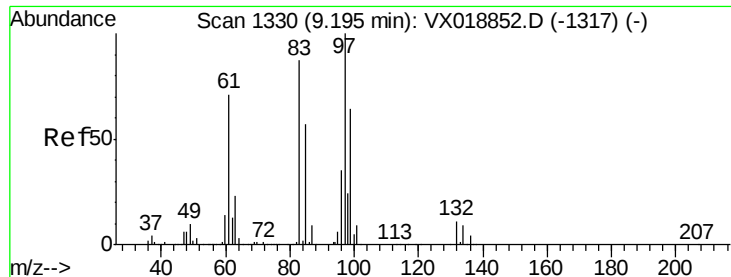


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

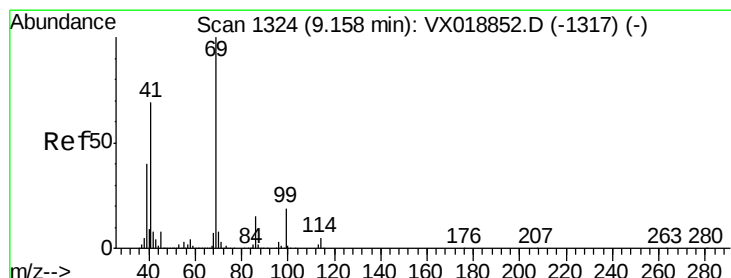
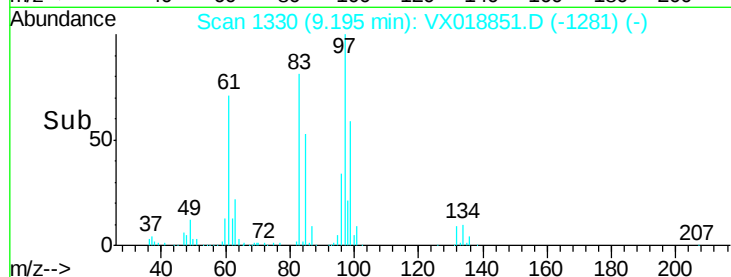
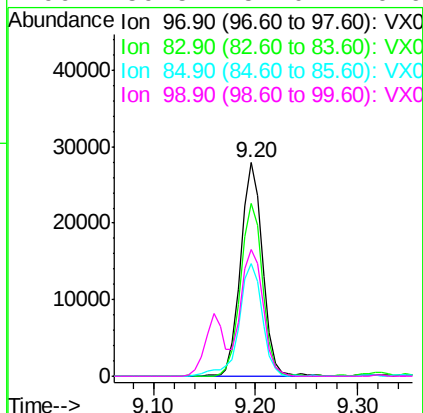
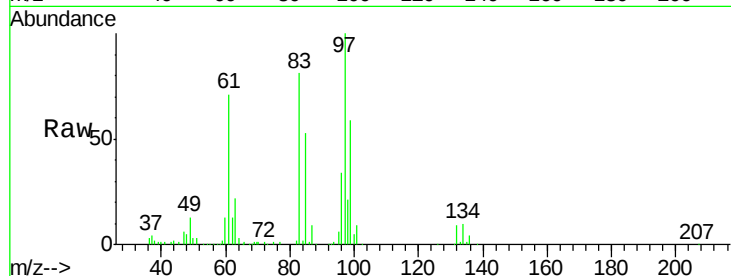




#55
 1,1,2-Trichloroethane
 Concen: 18.968 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

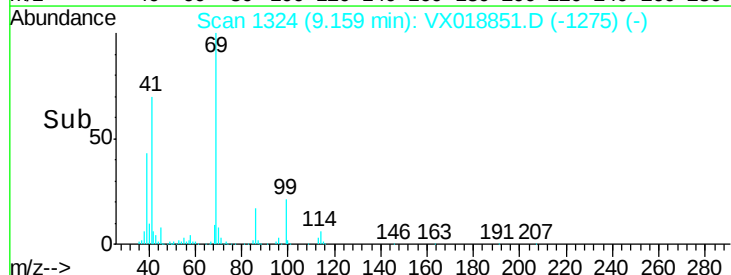
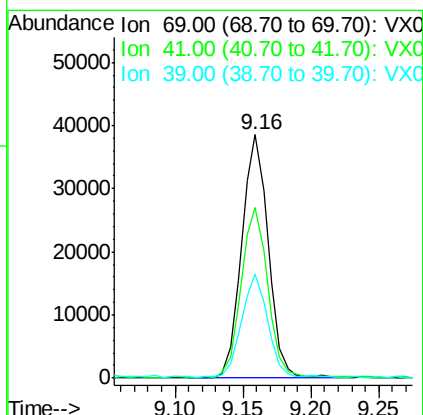
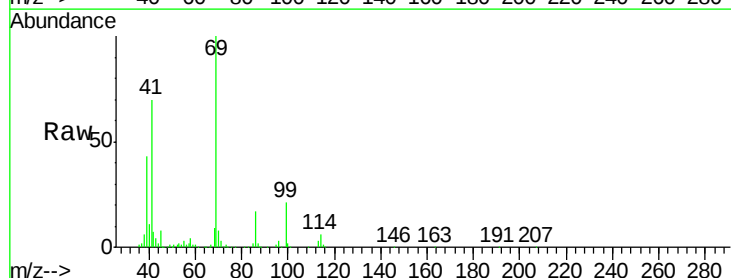
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

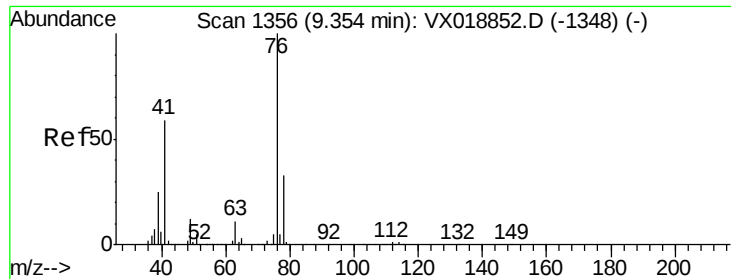
Tgt Ion:	97	Resp:	41315
Ion	Ratio	Lower	Upper
97	100		
83	80.3	69.3	103.9
85	52.8	45.3	67.9
99	59.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 16.489 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion:	69	Resp:	52654
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	81.8
39	42.0	31.5	47.3





#57

1,3-Dichloropropane

Concen: 18.687 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampled :

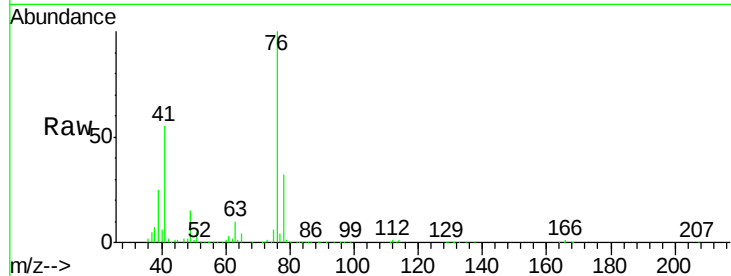
VSTDIC020

Tgt Ion: 76 Resp: 68407

Ion Ratio Lower Upper

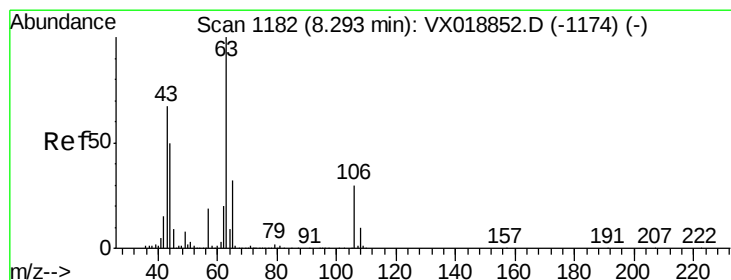
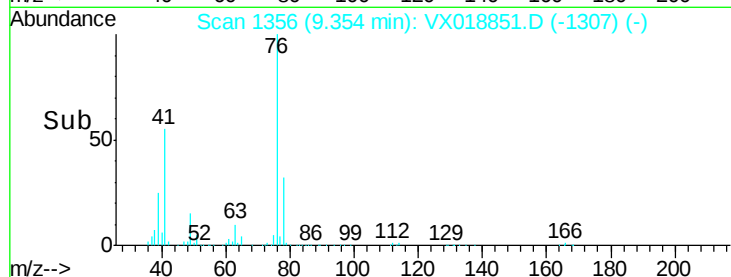
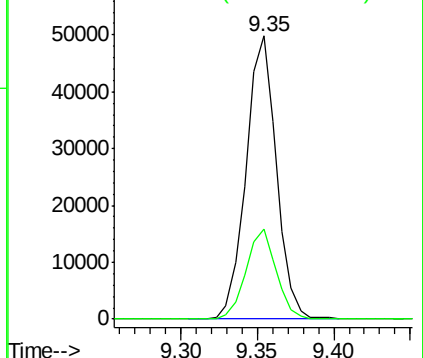
76 100

78 31.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.602 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018851.D

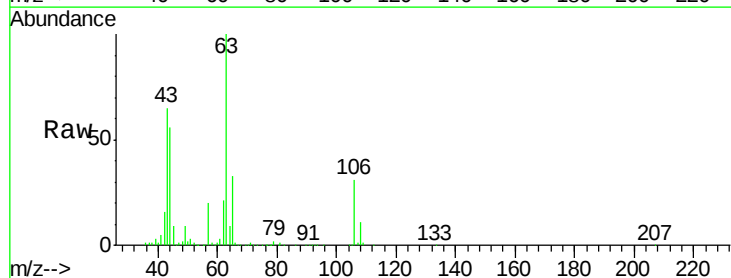
Acq: 09 Oct 2020 12:03

Tgt Ion: 63 Resp: 151201

Ion Ratio Lower Upper

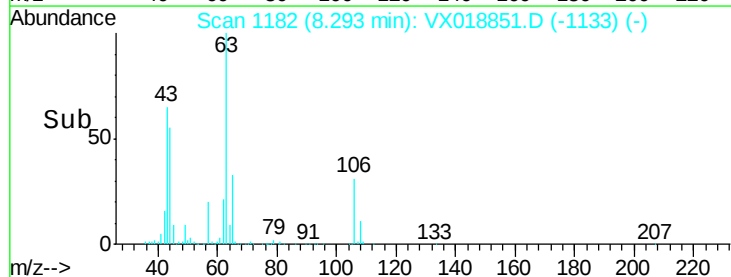
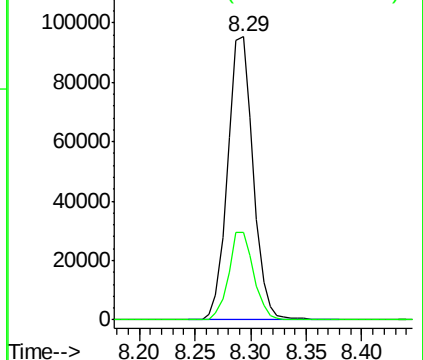
63 100

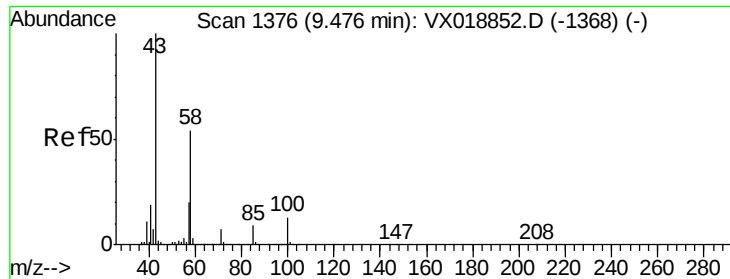
106 30.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

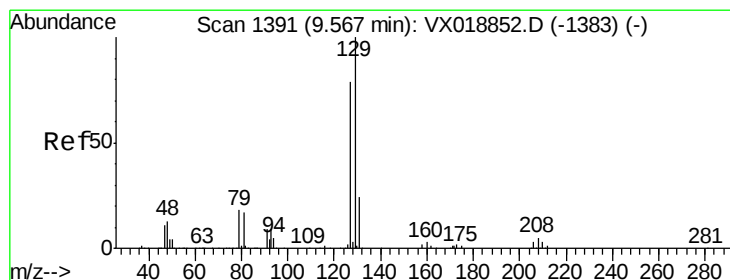
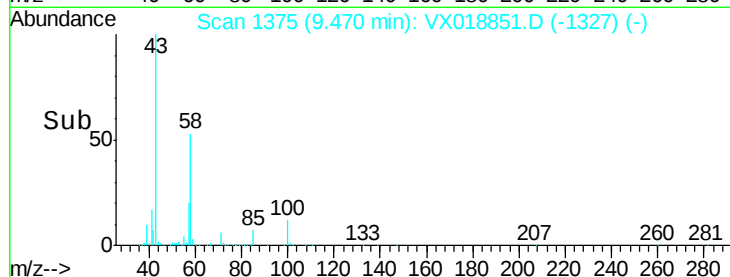
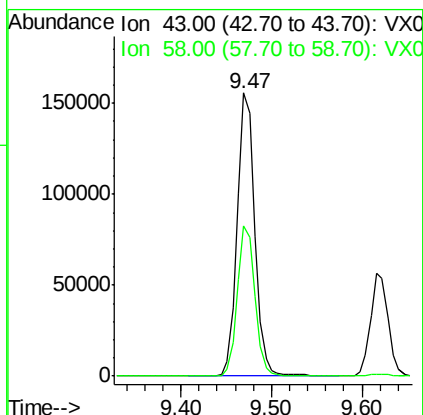
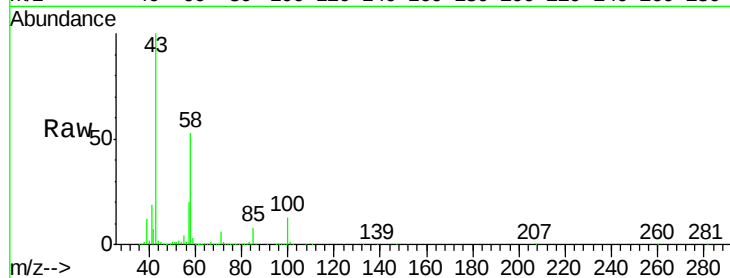




#59
2-Hexanone
Concen: 90.633 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

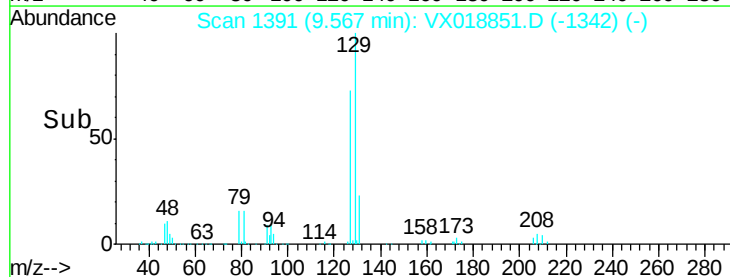
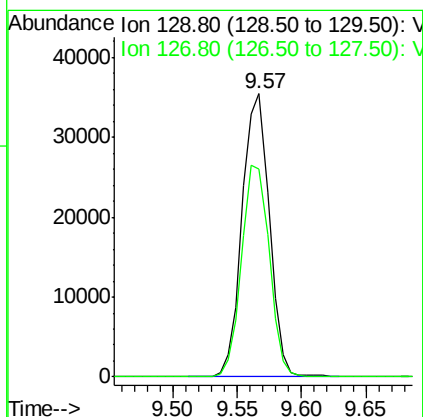
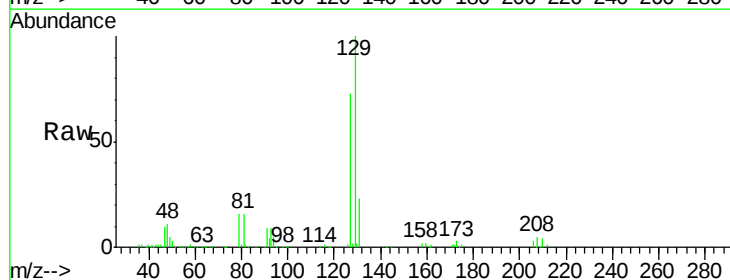
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

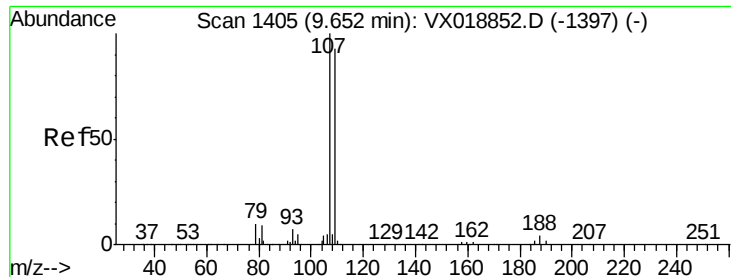
Tgt Ion: 43 Resp: 209937
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 19.801 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 129 Resp: 51857
Ion Ratio Lower Upper
129 100
127 76.3 39.5 118.5

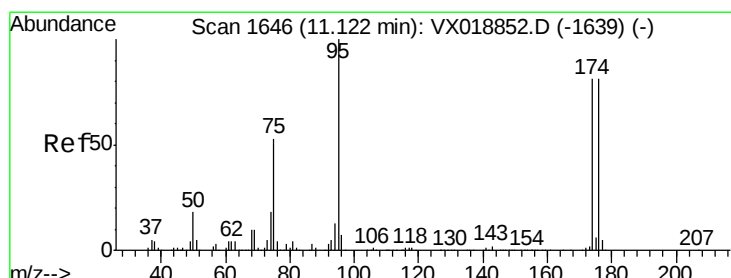
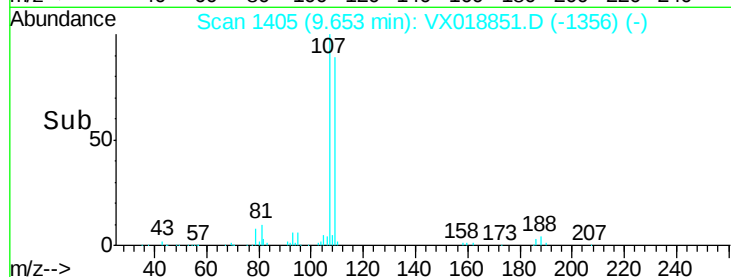
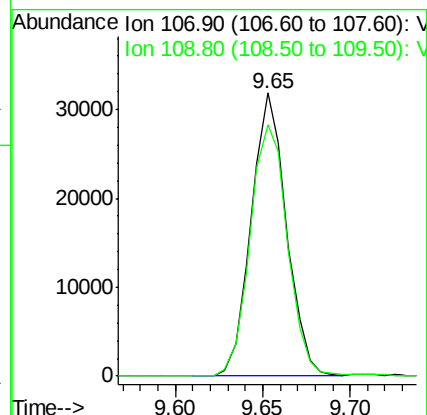
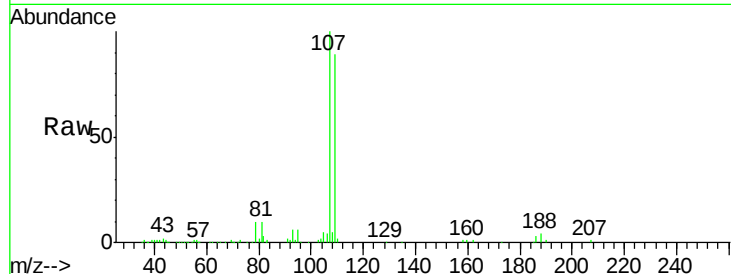




#61
 1,2-Dibromoethane
 Concen: 19.177 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

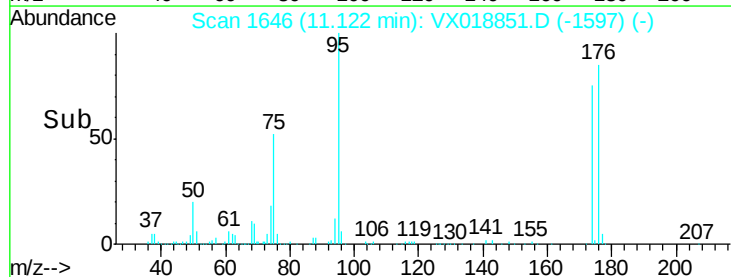
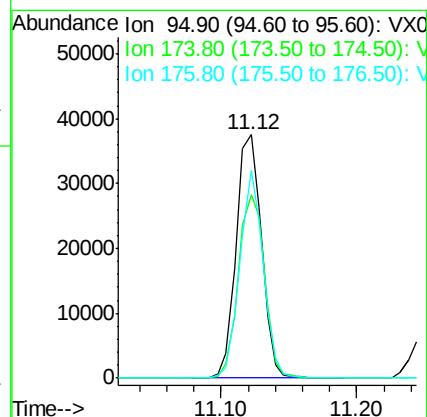
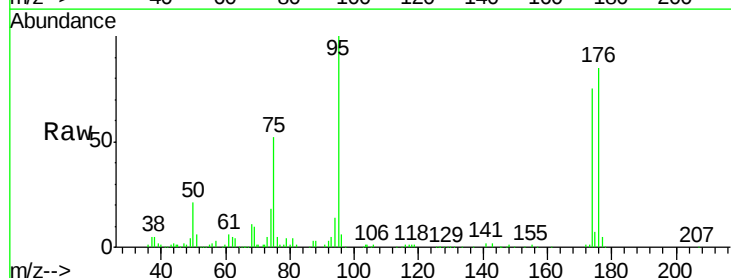
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

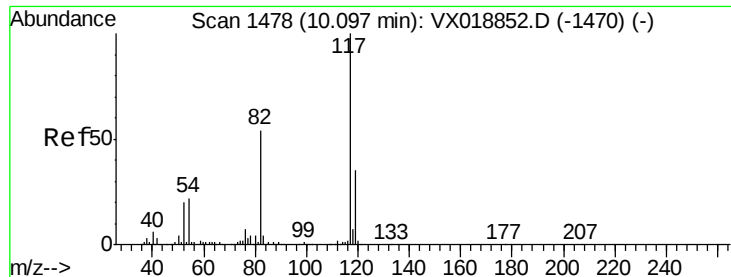
Tgt Ion: 107 Resp: 44536
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 16.232 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion: 95 Resp: 48755
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 160.0
 176 78.7 0.0 161.2

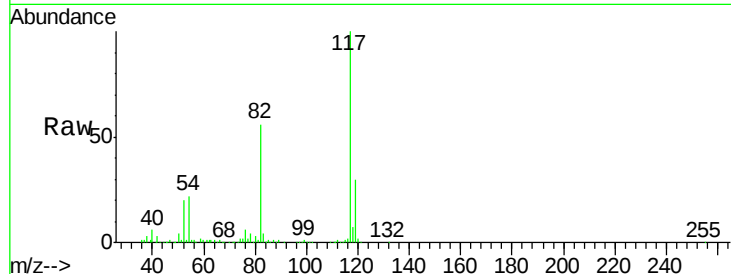




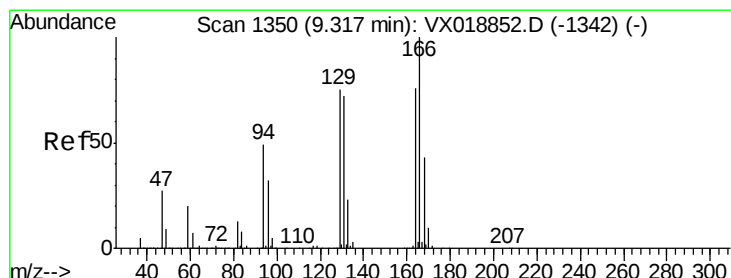
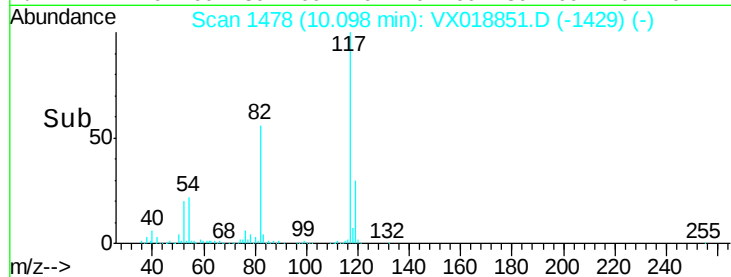
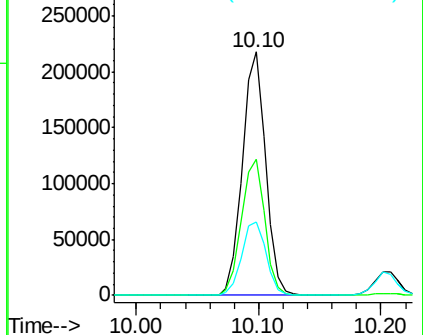
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 285802
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 30.3 28.3 42.5

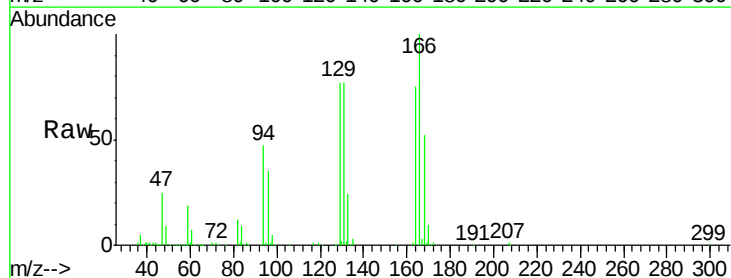


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

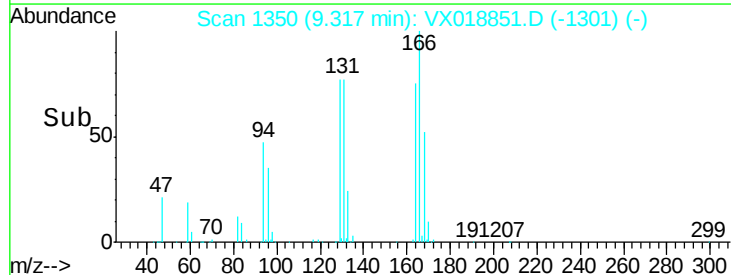
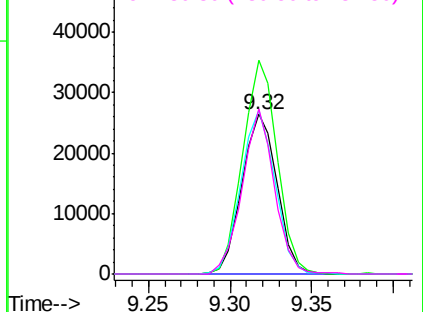


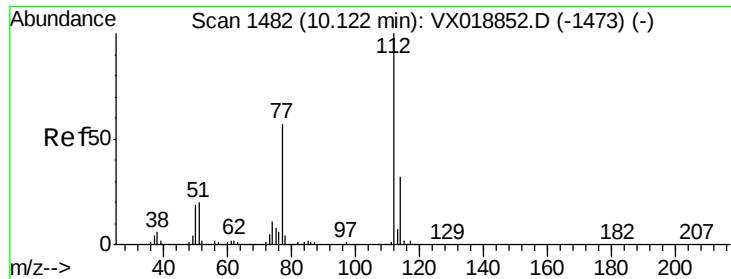
#64
Tetrachloroethene
Concen: 17.738 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion:164 Resp: 39755
Ion Ratio Lower Upper
164 100
166 133.8 105.4 158.0
129 102.7 79.0 118.6
131 103.1 75.7 113.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

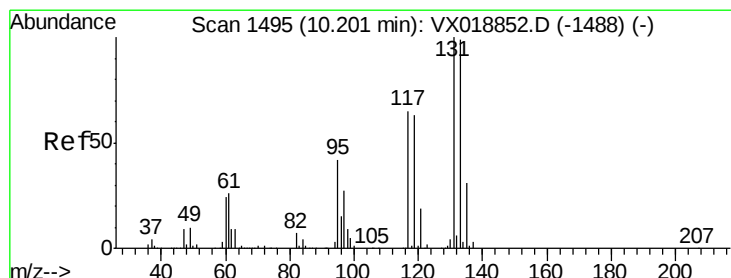
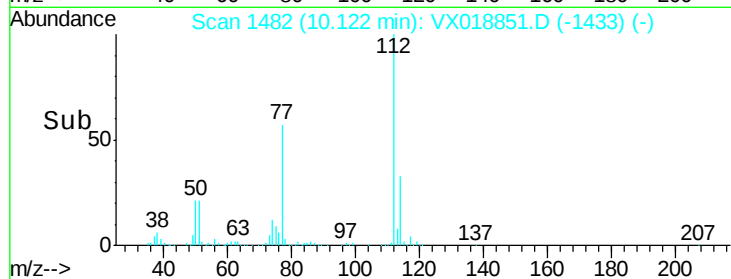
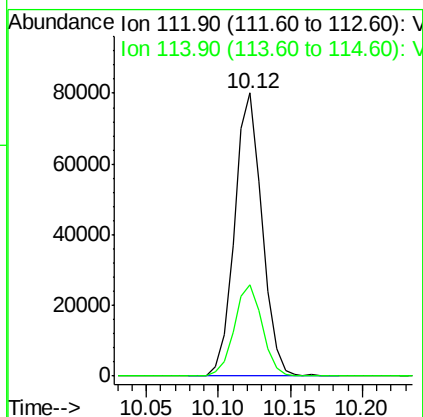
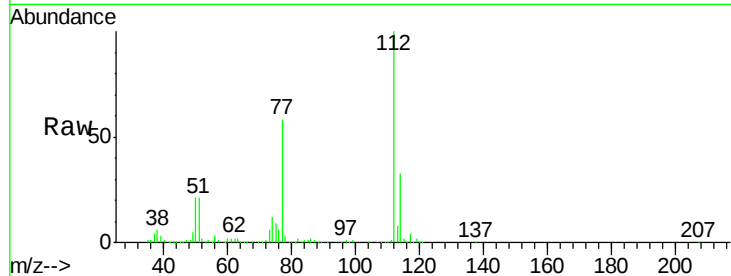




#65
Chlorobenzene
Concen: 18.078 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

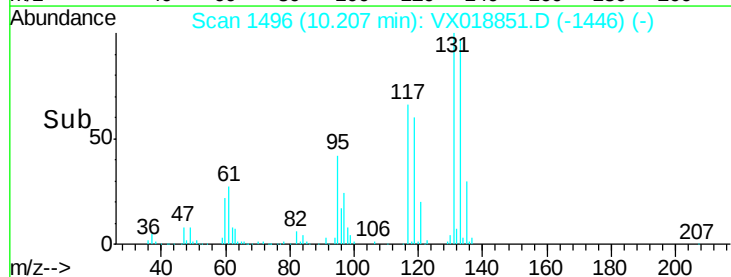
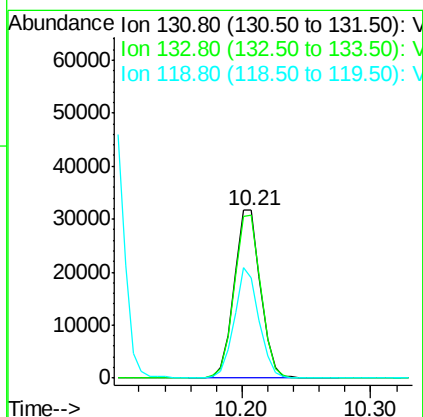
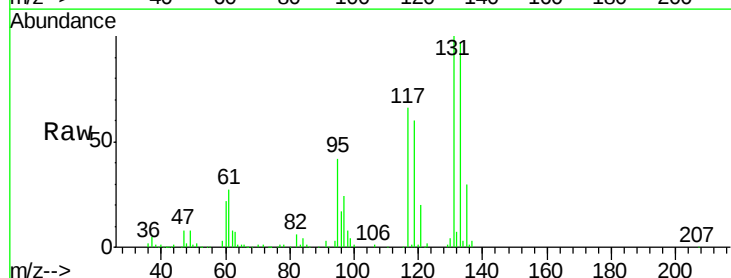
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

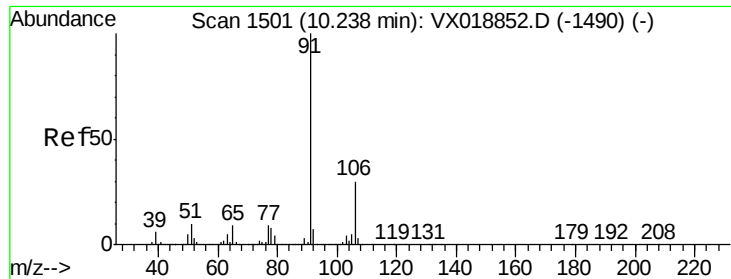
Tgt Ion:112 Resp: 107024
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.040 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion:131 Resp: 45261
Ion Ratio Lower Upper
131 100
133 97.1 48.6 145.8
119 61.6 31.1 93.3





#67

Ethyl Benzene

Concen: 17.844 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

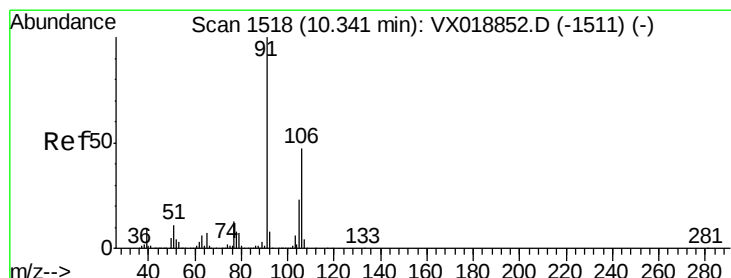
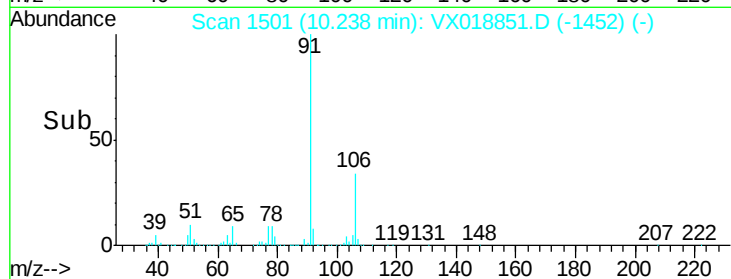
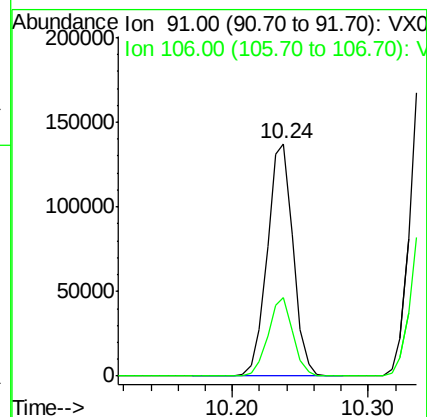
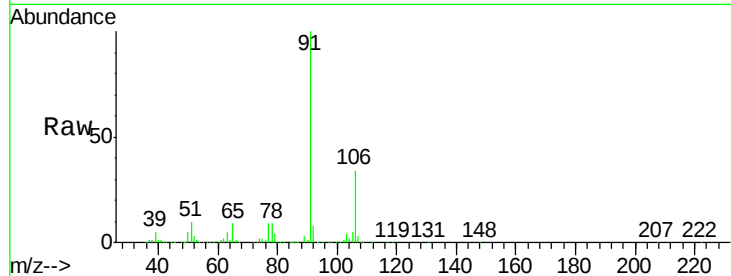
VSTDIC020

Tgt Ion: 91 Resp: 183098

Ion Ratio Lower Upper

91 100

106 34.0 24.0 36.0



#68

m/p-Xylenes

Concen: 37.509 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018851.D

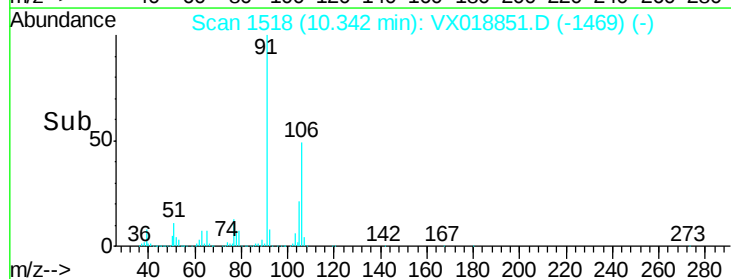
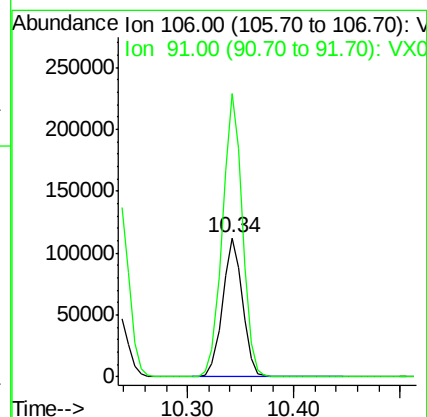
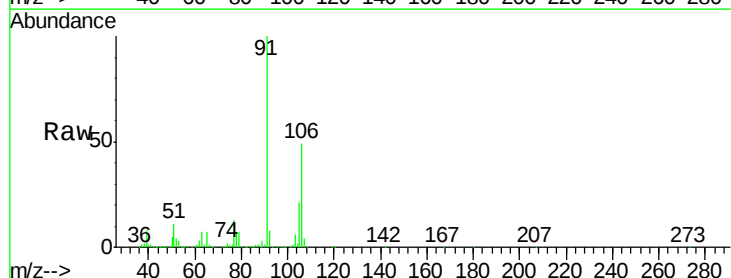
Acq: 09 Oct 2020 12:03

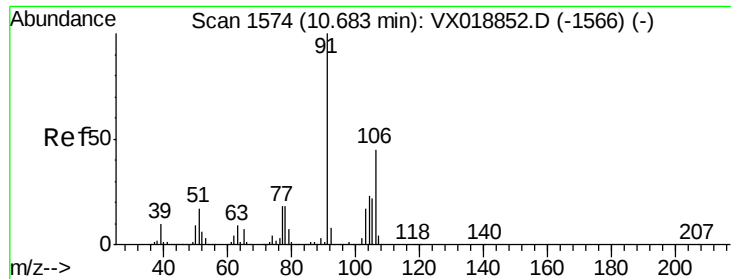
Tgt Ion: 106 Resp: 145956

Ion Ratio Lower Upper

106 100

91 203.1 165.6 248.4

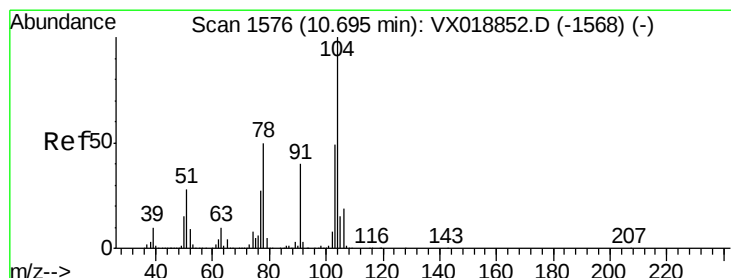
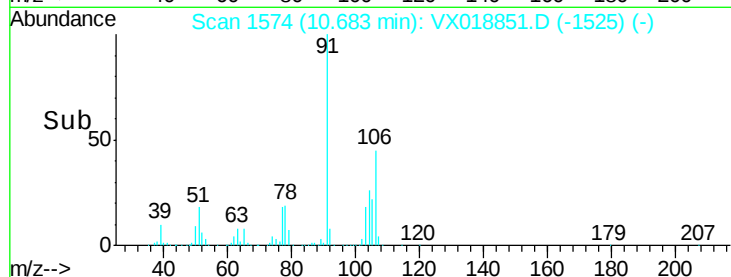
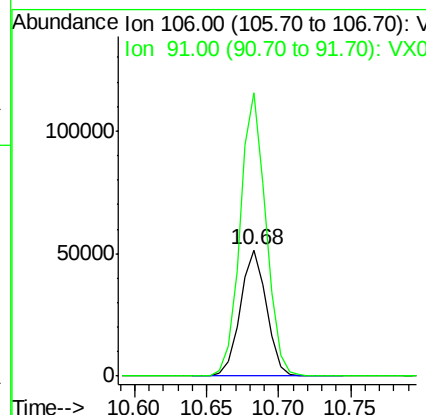
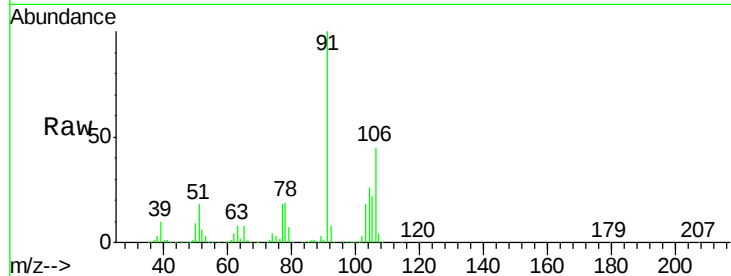




#69
o-Xylene
Concen: 17.738 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

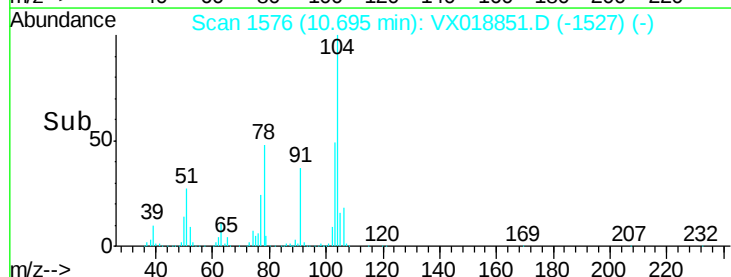
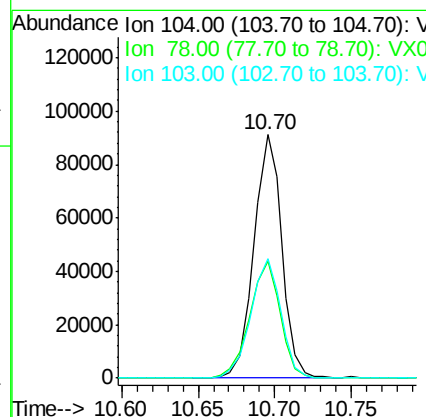
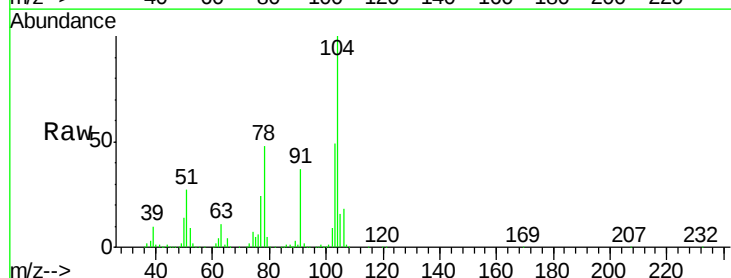
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

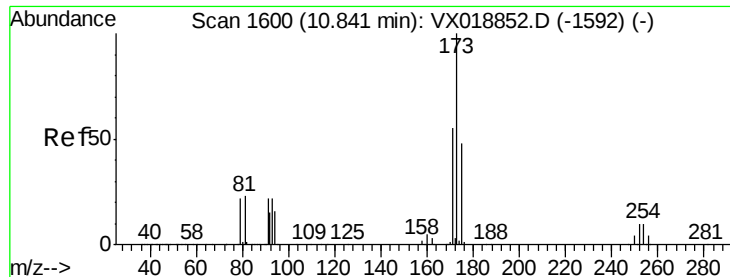
Tgt Ion:106 Resp: 65150
Ion Ratio Lower Upper
106 100
91 220.8 109.9 329.6



#70
Styrene
Concen: 18.278 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion:104 Resp: 115701
Ion Ratio Lower Upper
104 100
78 52.9 43.5 65.3
103 53.4 43.3 64.9





#71

Bromoform

Concen: 18.779 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

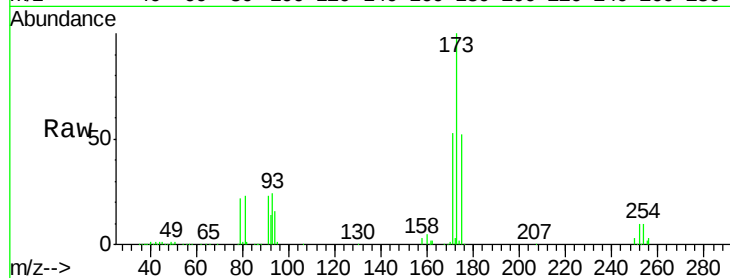
Tgt Ion:173 Resp: 37702

Ion Ratio Lower Upper

173 100

175 50.9 23.4 70.0

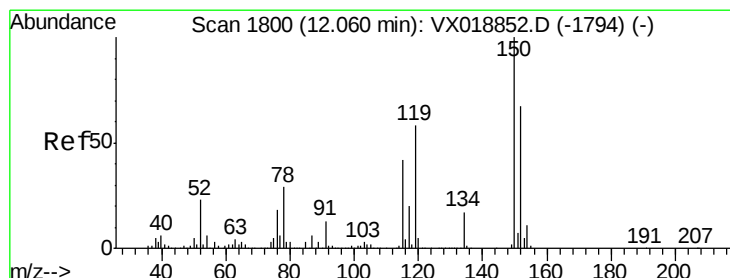
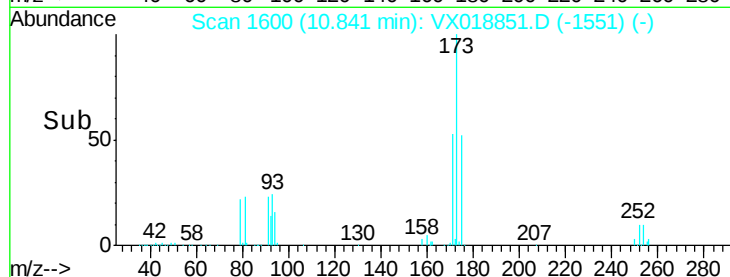
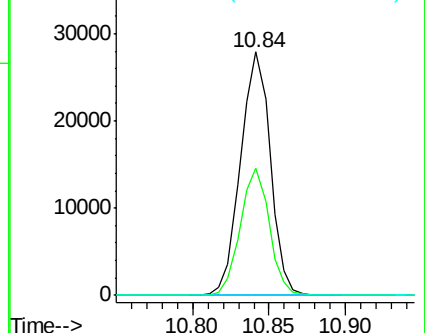
254 0.1 0.0 0.0#



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: VX018851.D

Acq: 09 Oct 2020 12:03

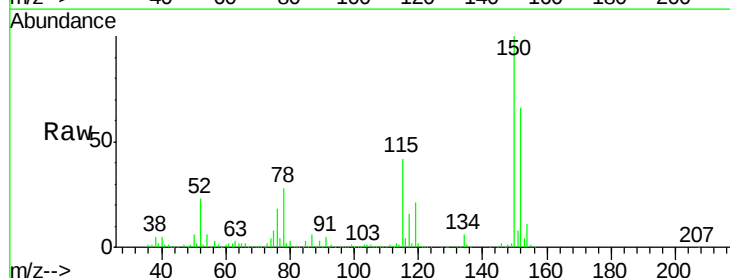
Tgt Ion:152 Resp: 156132

Ion Ratio Lower Upper

152 100

115 69.5 41.8 125.4

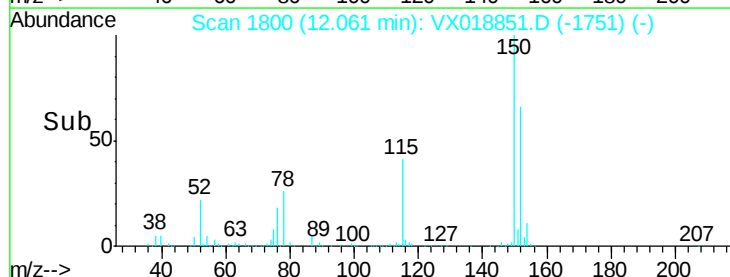
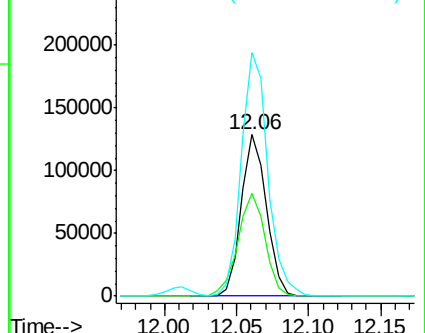
150 159.1 0.0 347.6

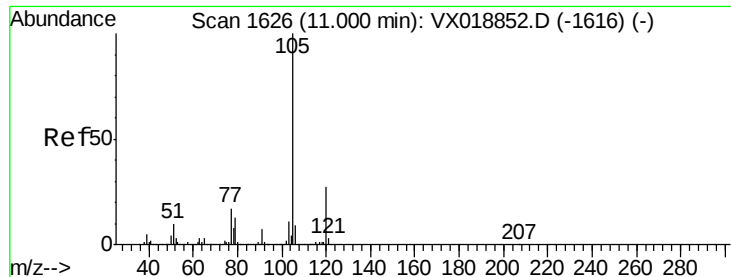


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.662 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

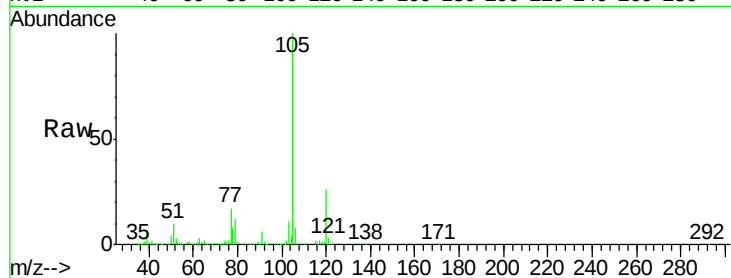
VSTDIC020

Tgt Ion: 105 Resp: 184683

Ion Ratio Lower Upper

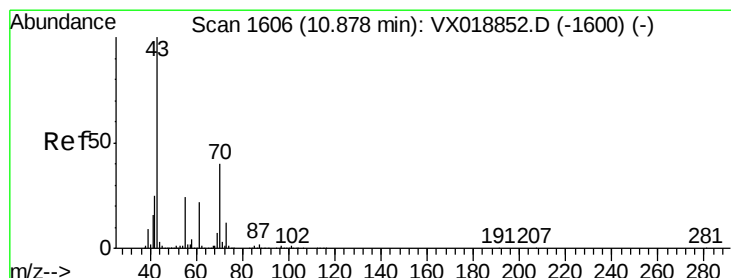
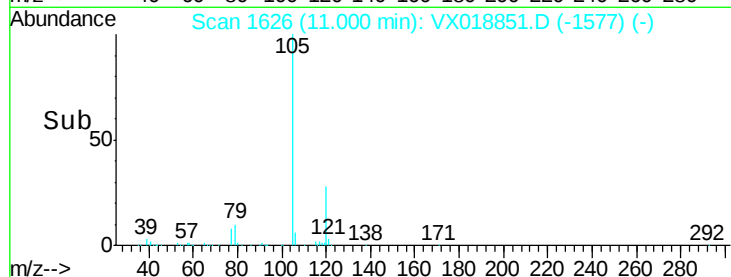
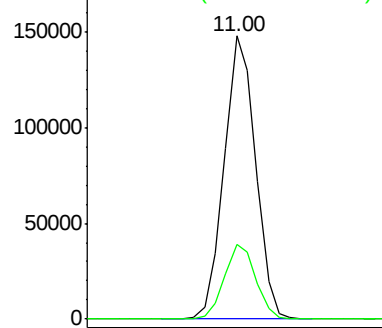
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.657 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Tgt Ion: 43 Resp: 72373

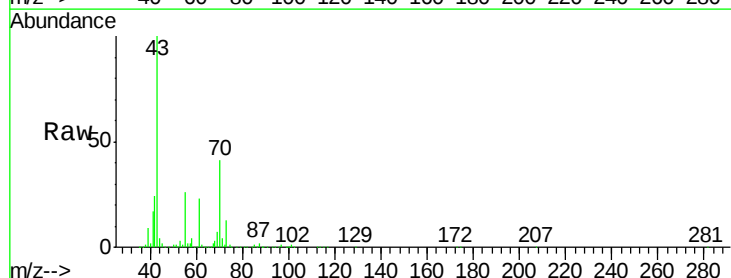
Ion Ratio Lower Upper

43 100

70 42.4 33.7 50.5

55 26.6 19.8 29.8

61 23.1 18.6 28.0

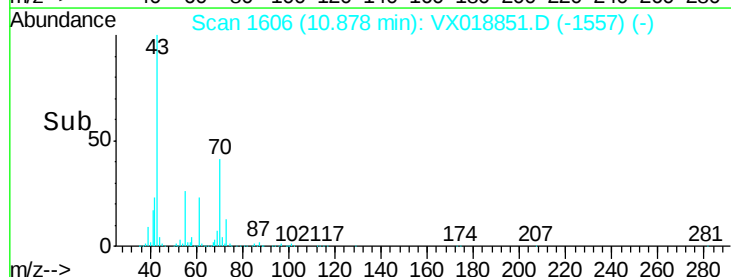
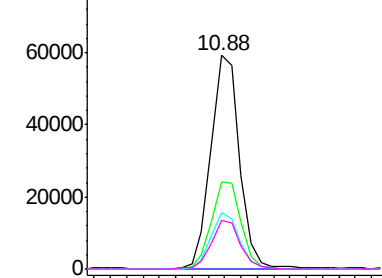


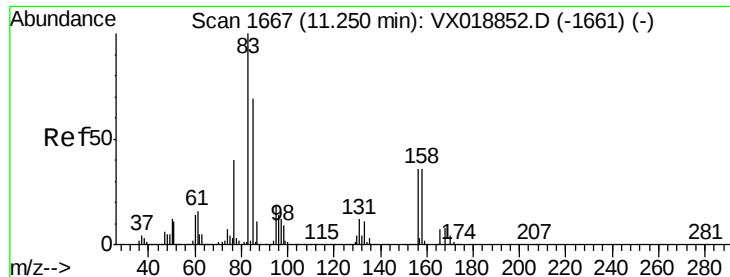
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.165 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

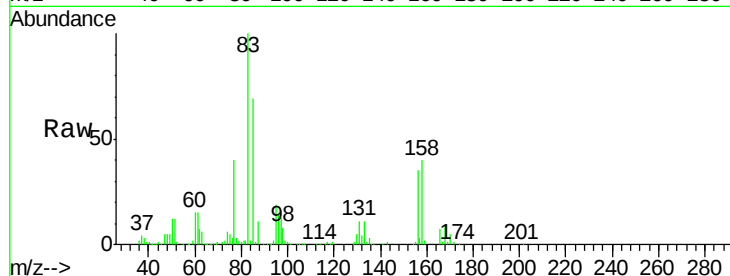
Tgt Ion: 83 Resp: 58852

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.8

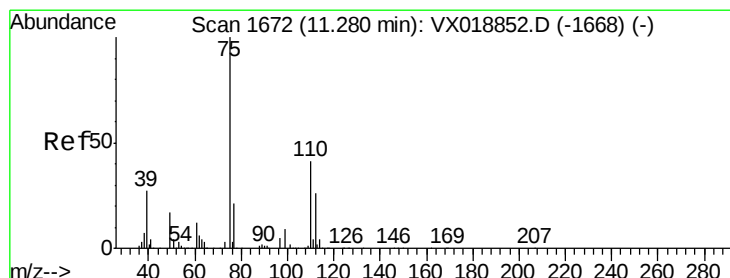
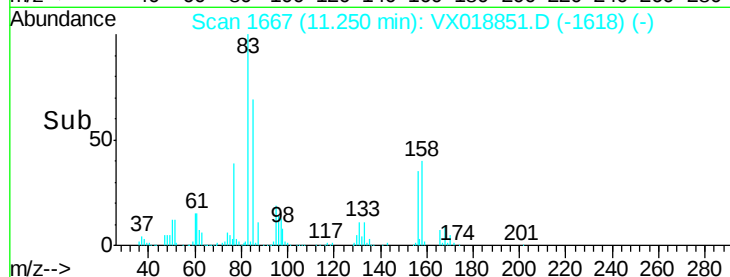
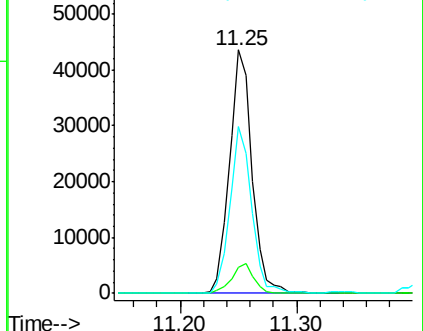
85 66.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.640 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018851.D

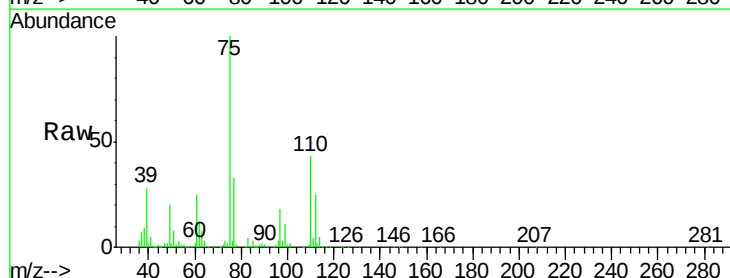
Acq: 09 Oct 2020 12:03

Tgt Ion: 75 Resp: 74115

Ion Ratio Lower Upper

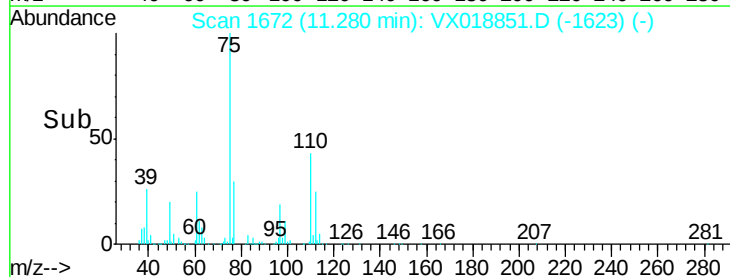
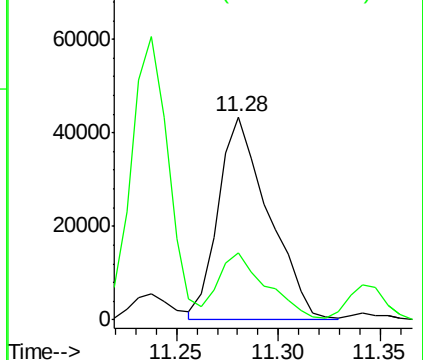
75 100

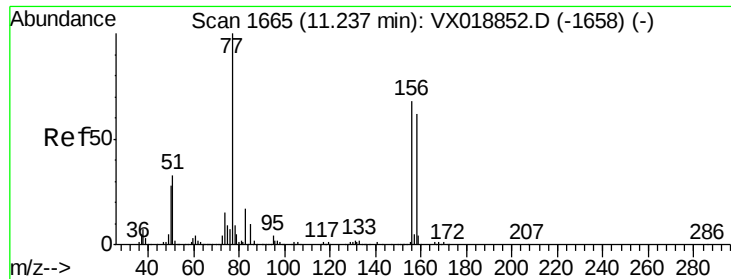
77 31.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

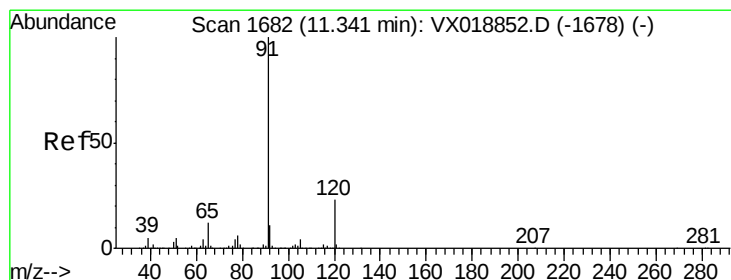
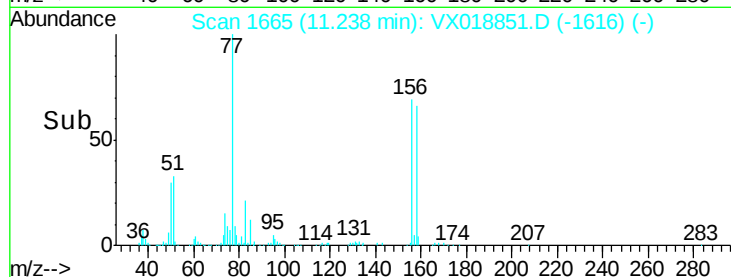
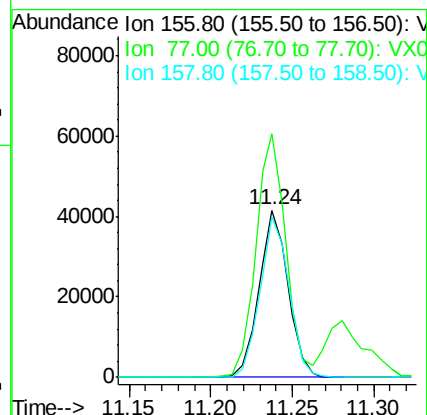
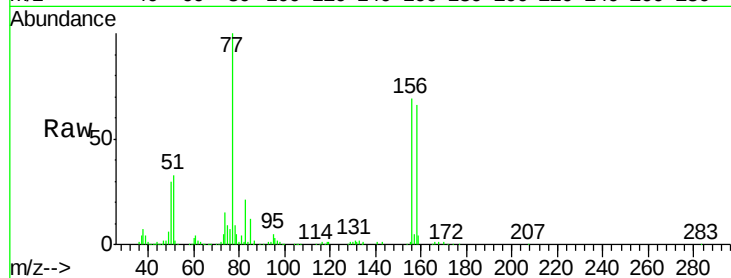




#77
Bromobenzene
Concen: 17.779 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

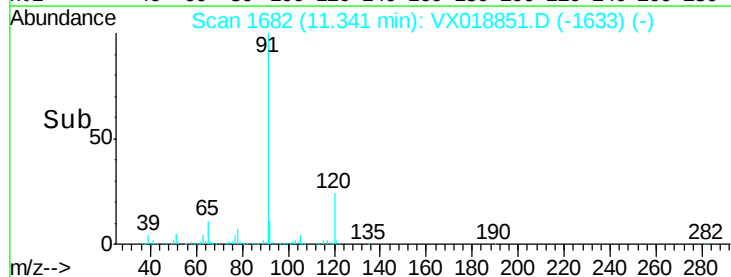
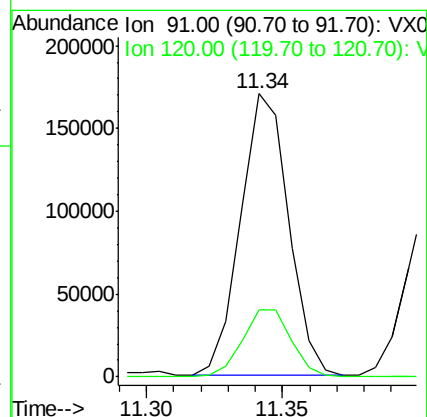
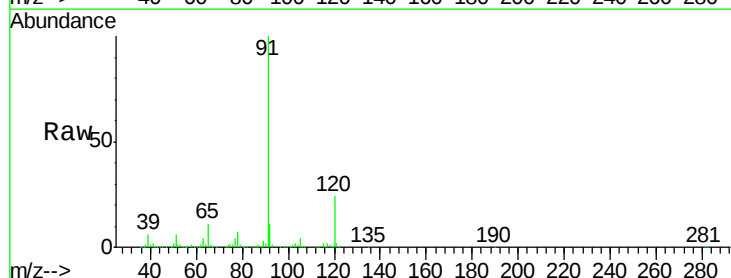
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

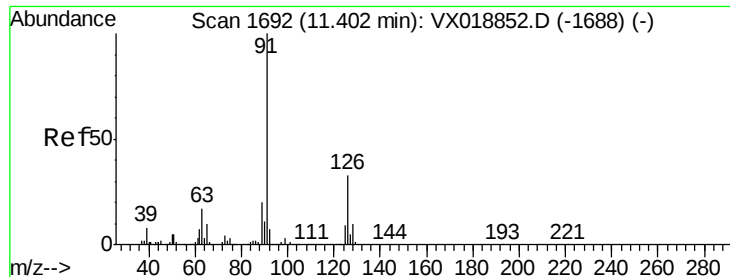
Tgt Ion:156 Resp: 51254
Ion Ratio Lower Upper
156 100
77 150.6 76.0 228.1
158 96.3 47.2 141.6



#78
n-propylbenzene
Concen: 17.118 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion: 91 Resp: 208238
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.0





#79

2-Chlorotoluene

Concen: 17.750 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

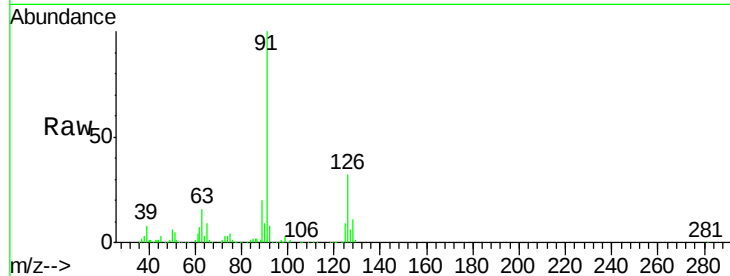
VSTDIC020

Tgt Ion: 91 Resp: 131086

Ion Ratio Lower Upper

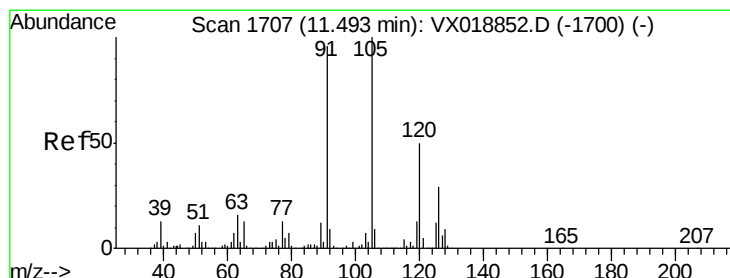
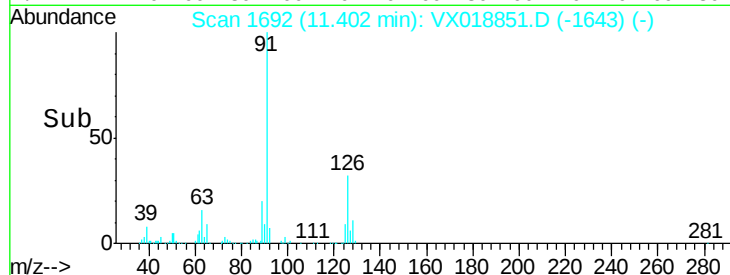
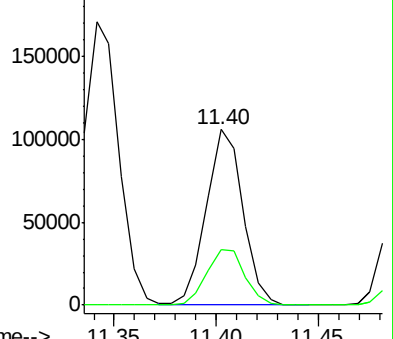
91 100

126 33.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018851.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018851.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.705 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018851.D

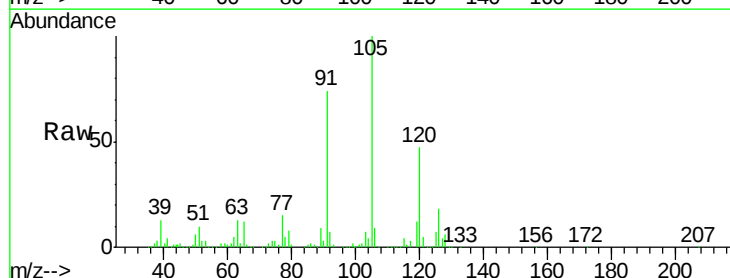
Acq: 09 Oct 2020 12:03

Tgt Ion: 105 Resp: 158547

Ion Ratio Lower Upper

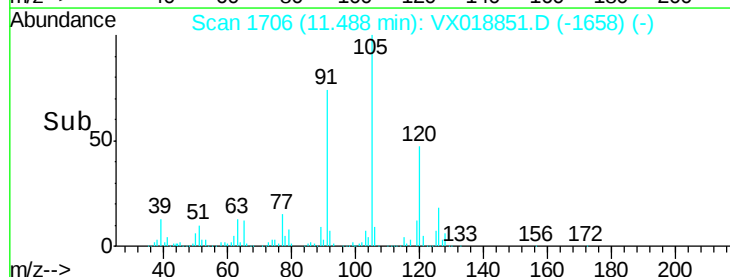
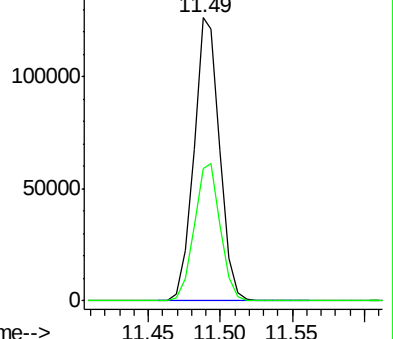
105 100

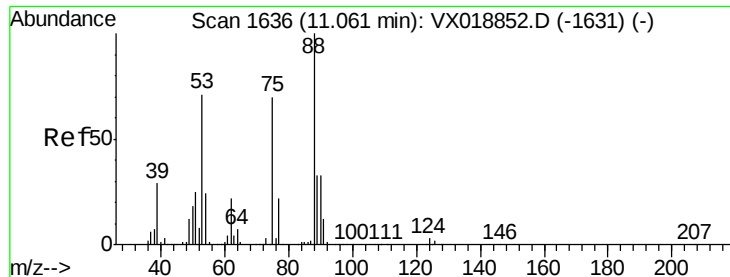
120 49.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018851.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX018851.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.144 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

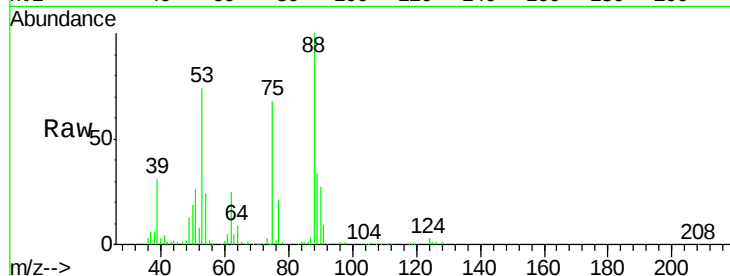
Tgt Ion: 75 Resp: 20308

Ion Ratio Lower Upper

75 100

53 111.0 85.0 127.4

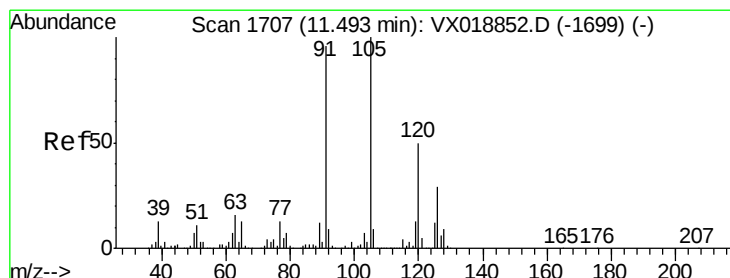
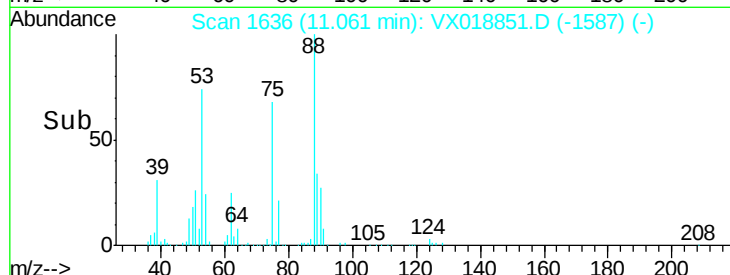
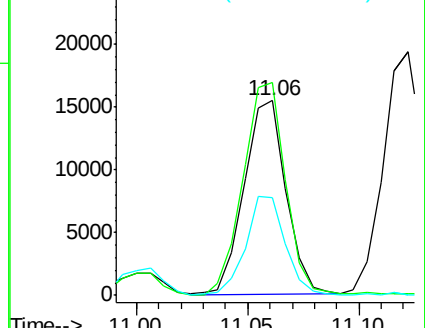
89 48.5 39.0 58.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.731 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018851.D

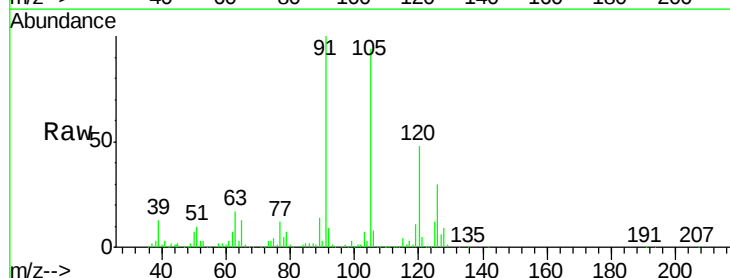
Acq: 09 Oct 2020 12:03

Tgt Ion: 91 Resp: 155973

Ion Ratio Lower Upper

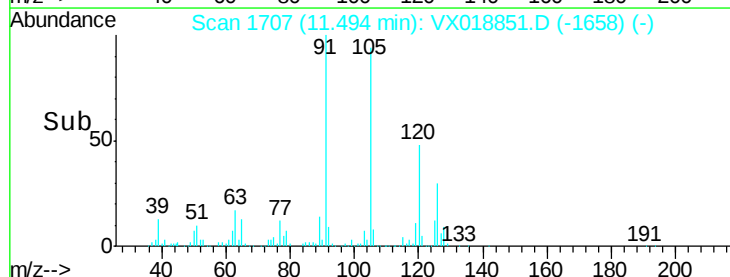
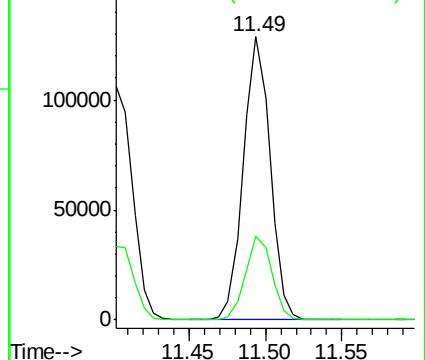
91 100

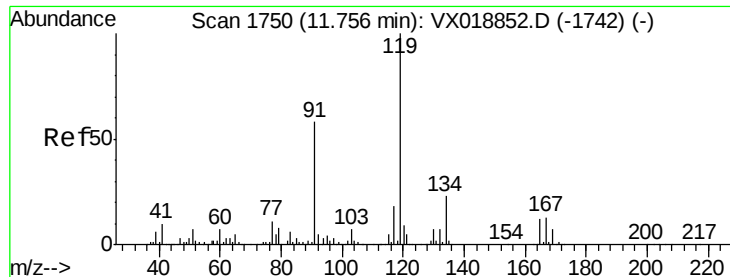
126 29.7 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

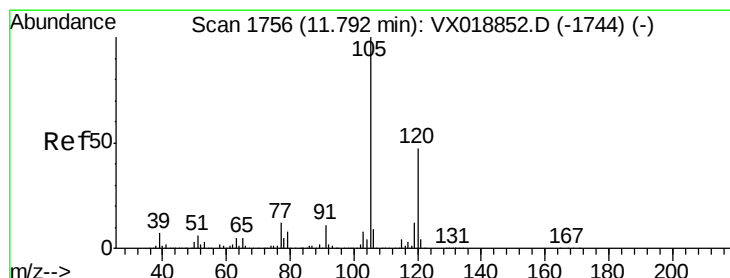
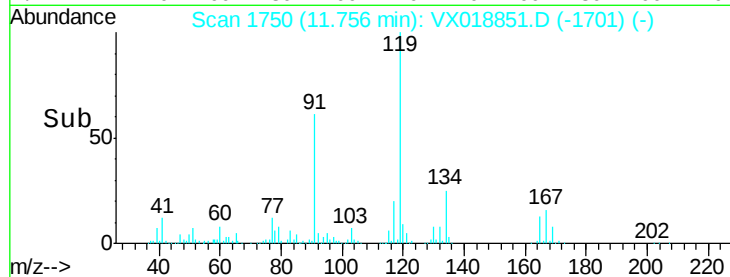
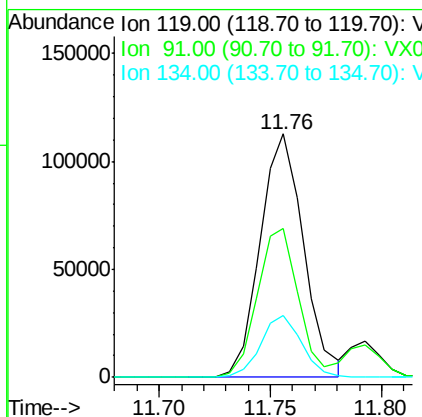
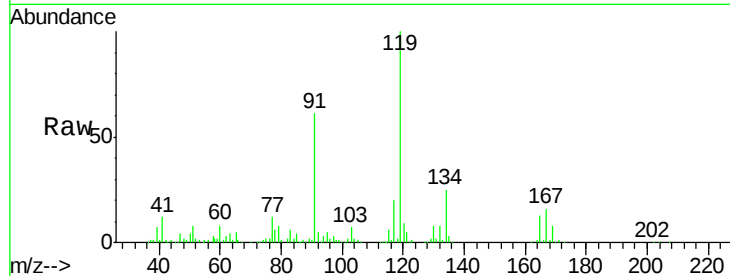




#83
 tert-Butylbenzene
 Concen: 17.556 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

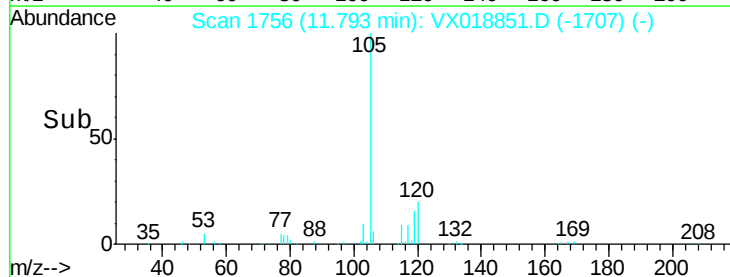
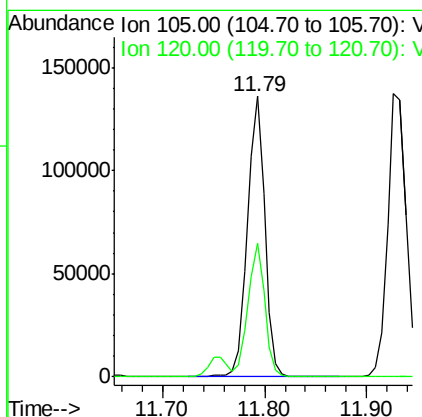
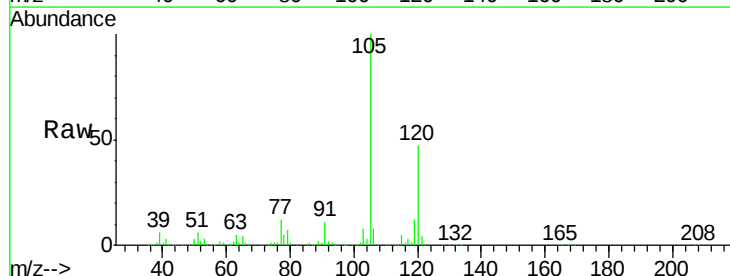
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

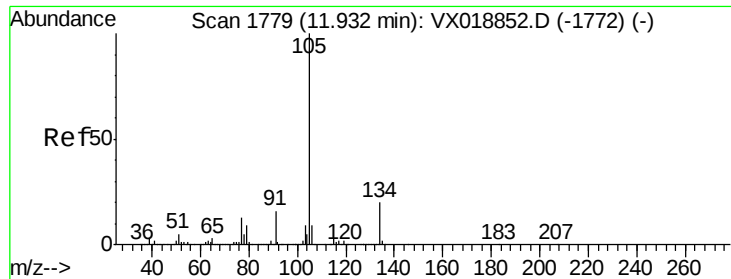
Tgt Ion:119 Resp: 152791
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.6 85.9
 134 23.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.961 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion:105 Resp: 161518
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.6 67.8

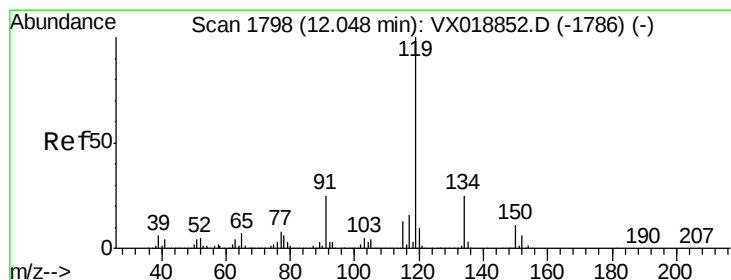
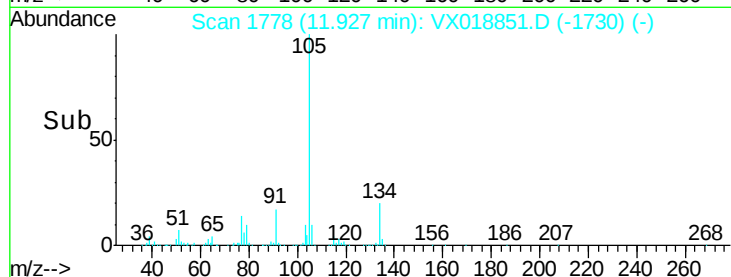
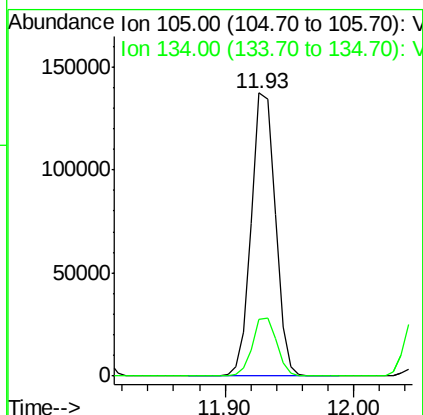
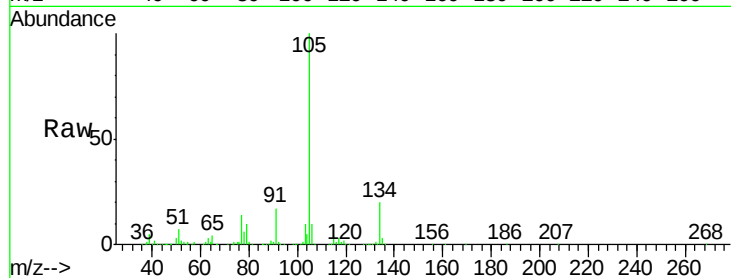




#85
 sec-Butylbenzene
 Concen: 17.242 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

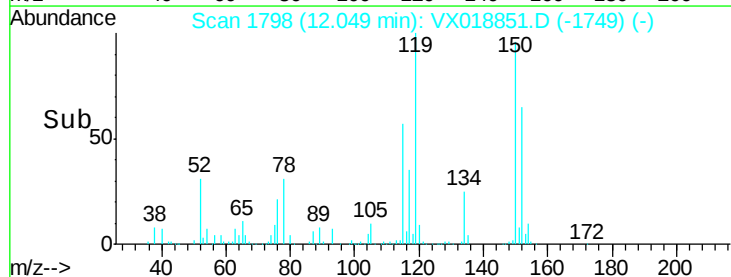
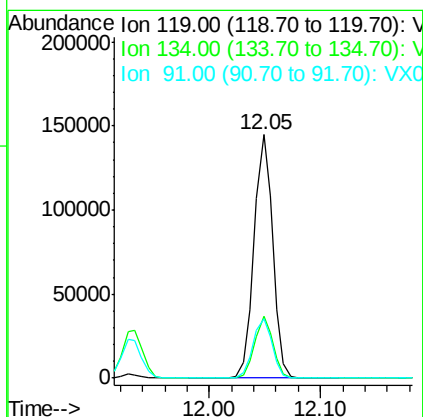
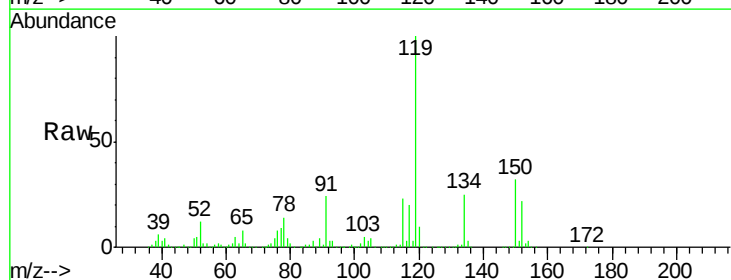
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

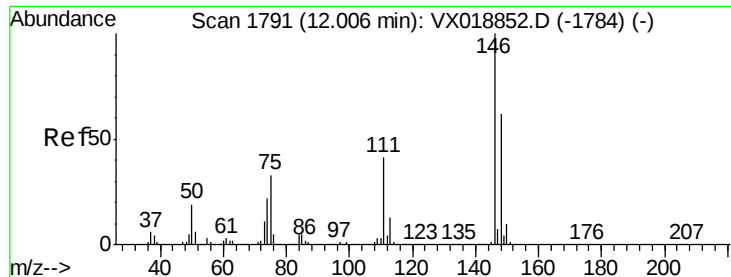
Tgt Ion:105 Resp: 176158
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.008 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion:119 Resp: 169993
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 25.2 12.3 36.9

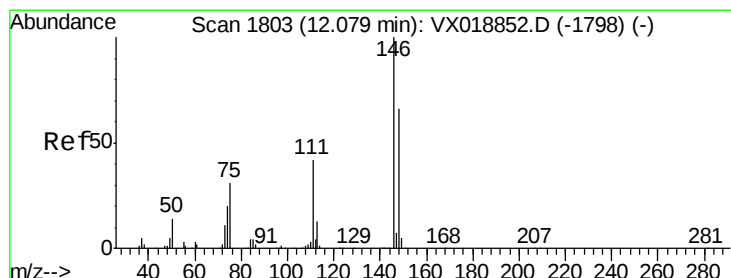
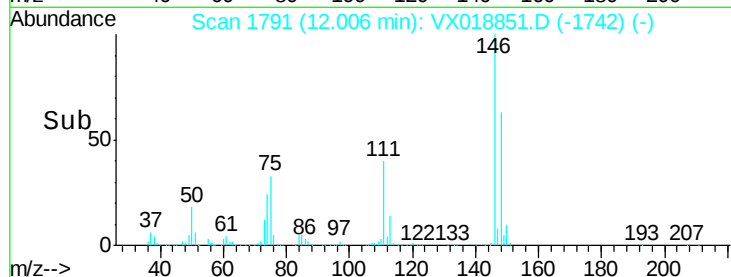
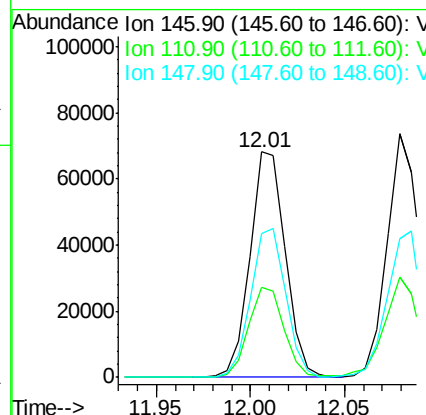
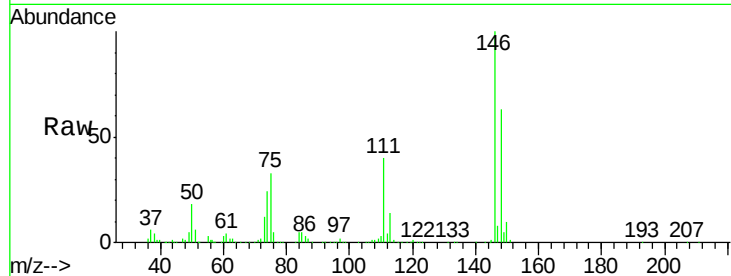




#87
 1,3-Dichlorobenzene
 Concen: 17.120 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

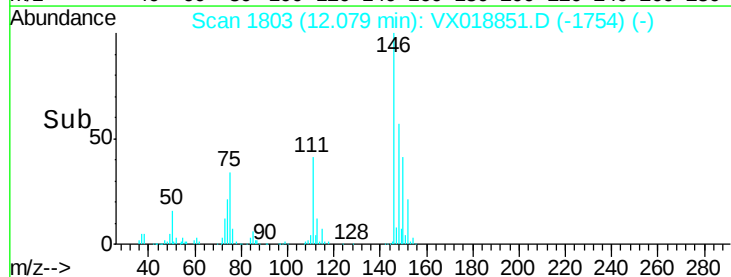
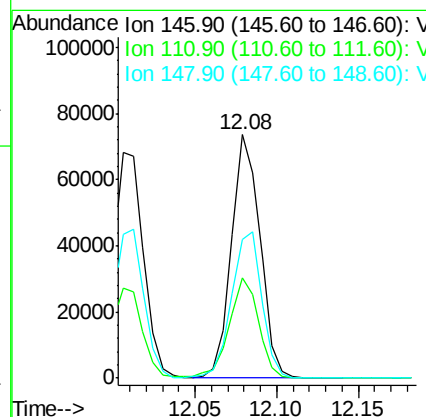
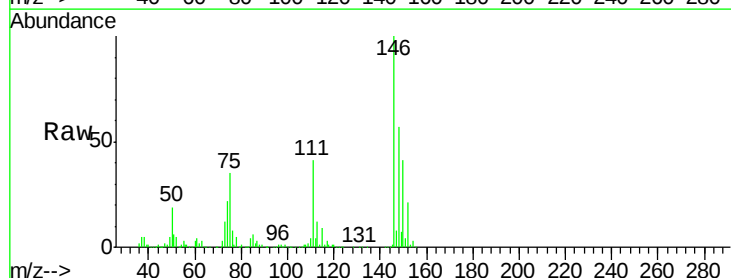
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

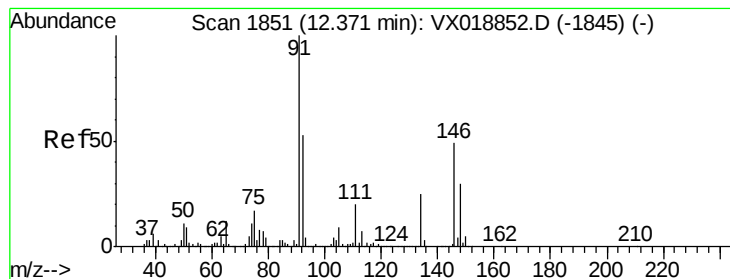
Tgt Ion:146 Resp: 88727
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 65.4 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 17.135 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion:146 Resp: 89665
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.5 61.5
 148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 15.782 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018851.D

Acq: 09 Oct 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

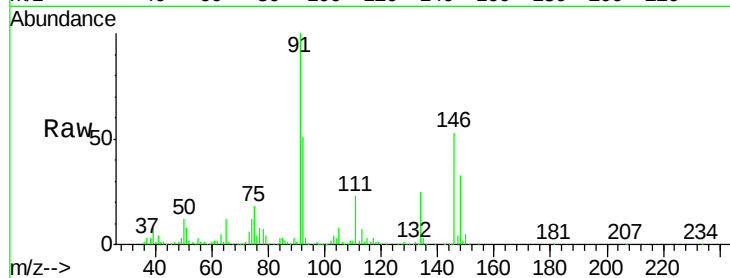
Tgt Ion: 91 Resp: 136392

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.0

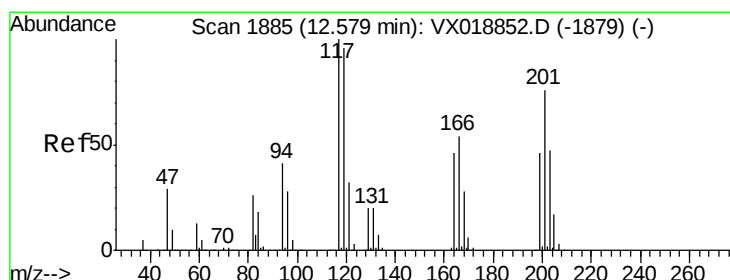
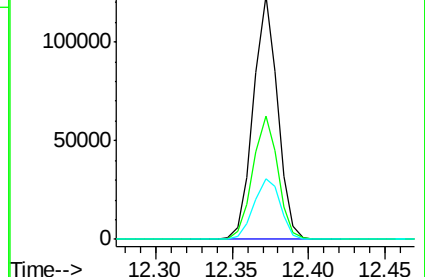
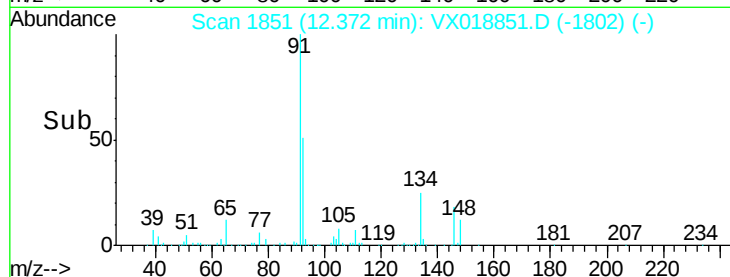
134 27.3 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VX018851.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX018851.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX018851.D (-1845) (-)



#90

Hexachloroethane

Concen: 15.852 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018851.D

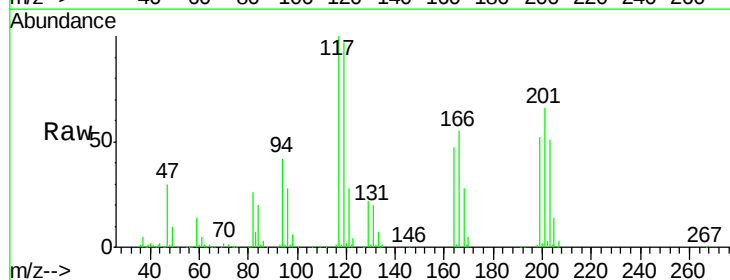
Acq: 09 Oct 2020 12:03

Tgt Ion: 117 Resp: 29358

Ion Ratio Lower Upper

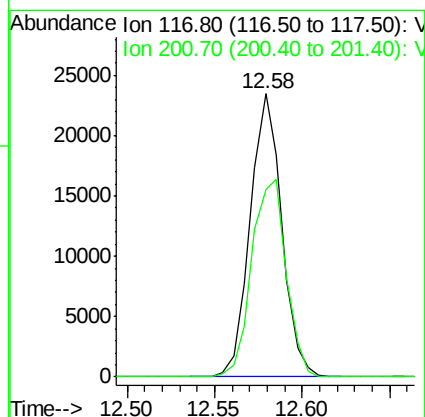
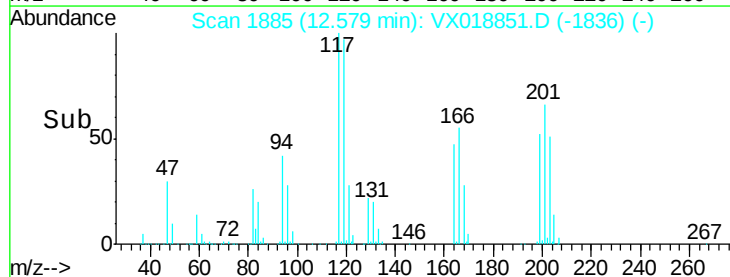
117 100

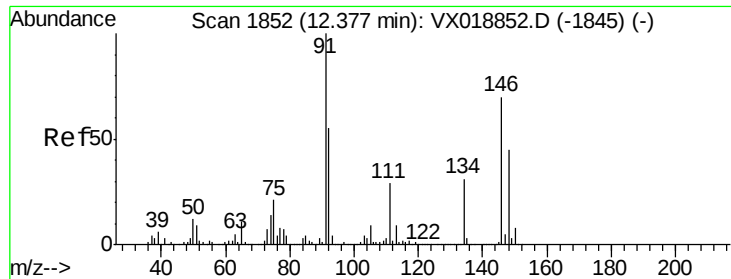
201 76.3 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VX018851.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX018851.D (-1836) (-)

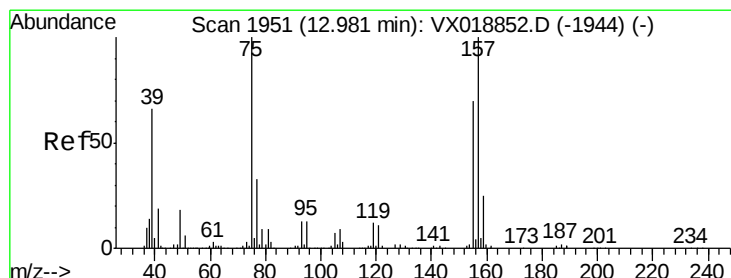
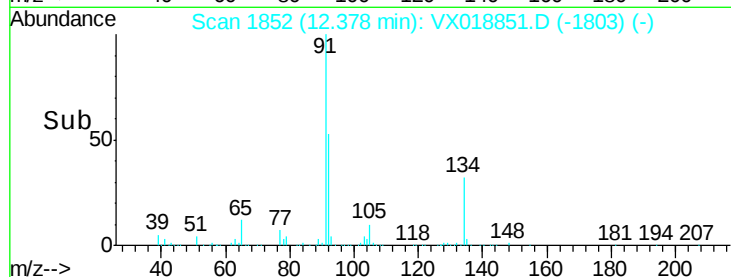
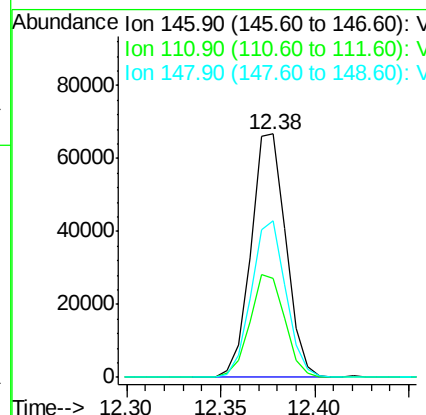
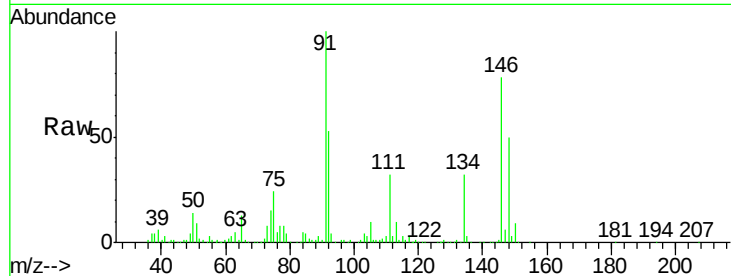




#91
 1,2-Dichlorobenzene
 Concen: 17.626 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

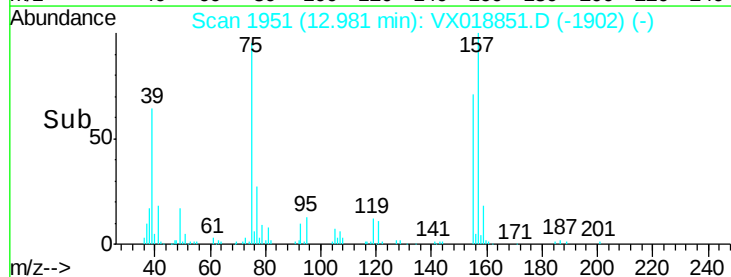
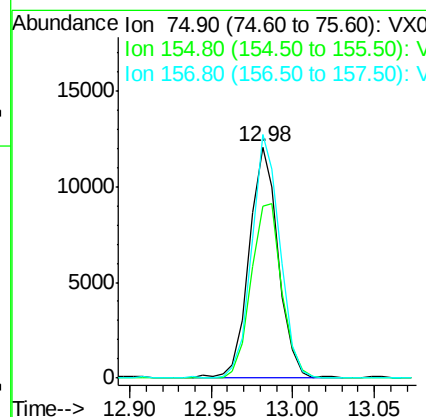
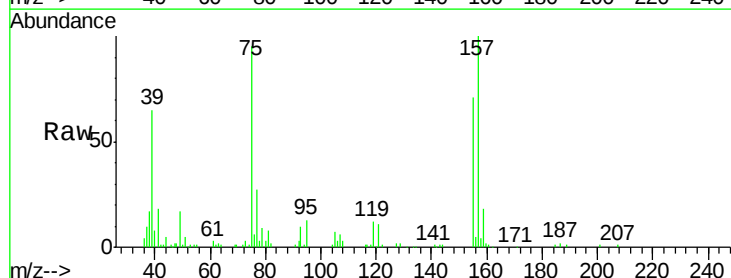
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

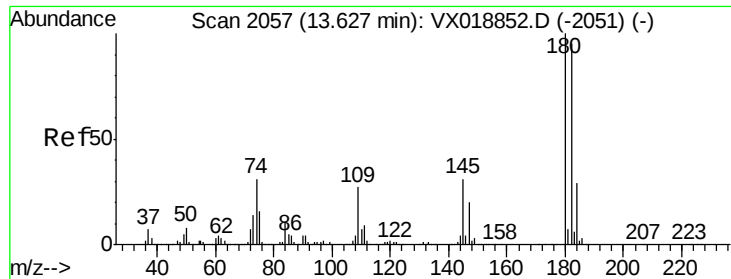
Tgt Ion:146 Resp: 85745
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.9
 148 63.9 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.916 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion: 75 Resp: 15018
 Ion Ratio Lower Upper
 75 100
 155 79.6 38.0 113.9
 157 101.6 50.9 152.7

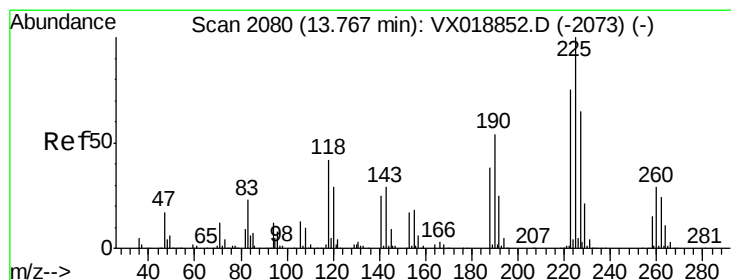
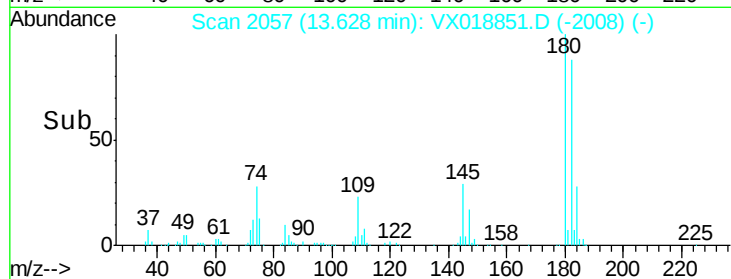
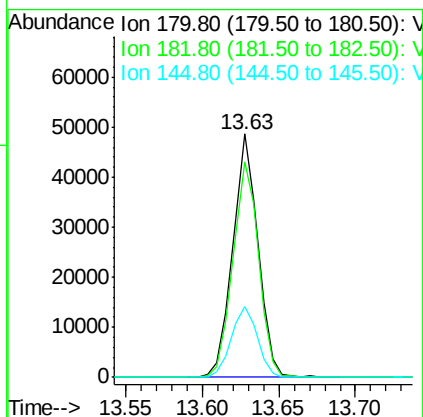
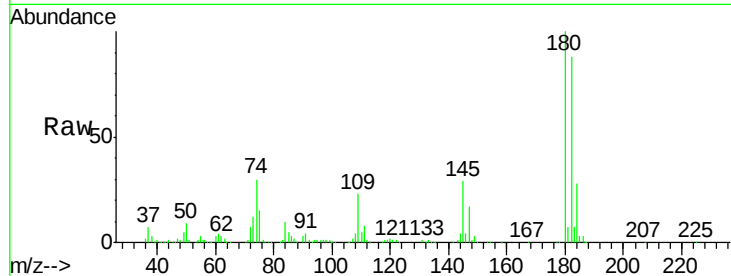




#93
 1,2,4-Trichlorobenzene
 Concen: 16.554 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

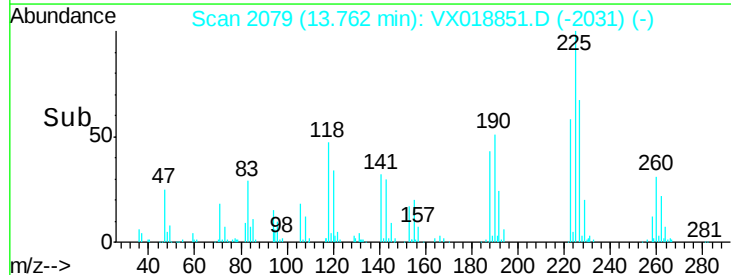
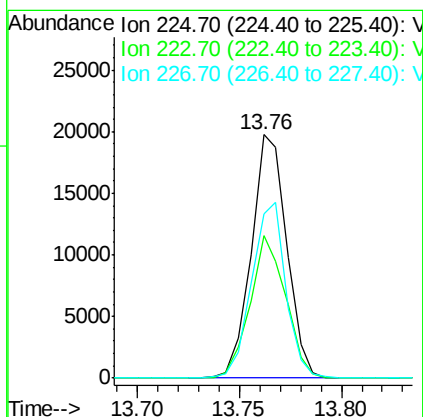
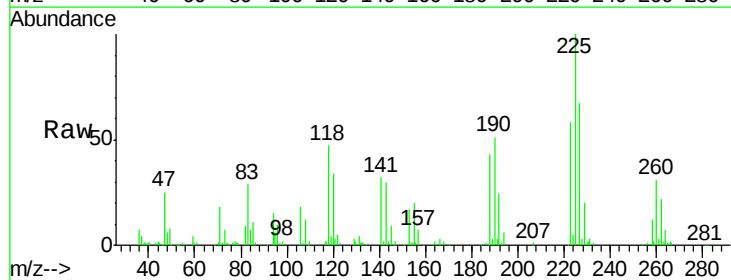
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

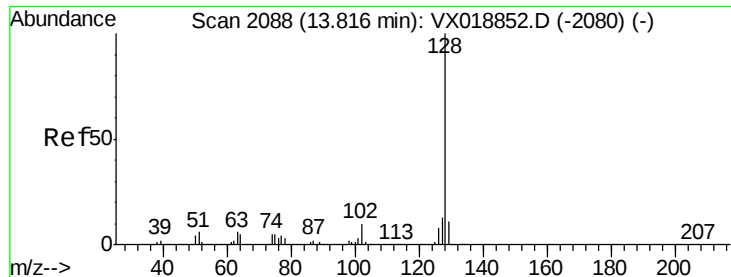
Tgt Ion:180 Resp: 55526
 Ion Ratio Lower Upper
 180 100
 182 90.5 49.1 147.3
 145 29.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 16.964 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018851.D
 Acq: 09 Oct 2020 12:03

Tgt Ion:225 Resp: 23911
 Ion Ratio Lower Upper
 225 100
 223 58.6 32.1 96.3
 227 69.6 33.0 98.9

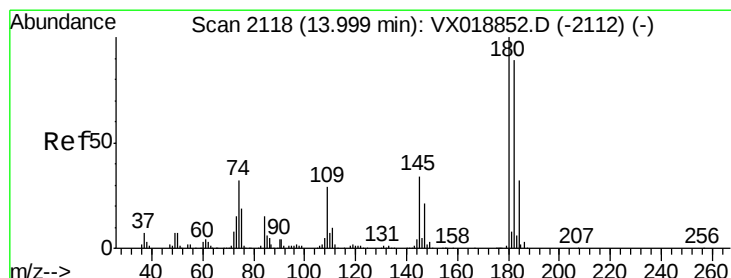
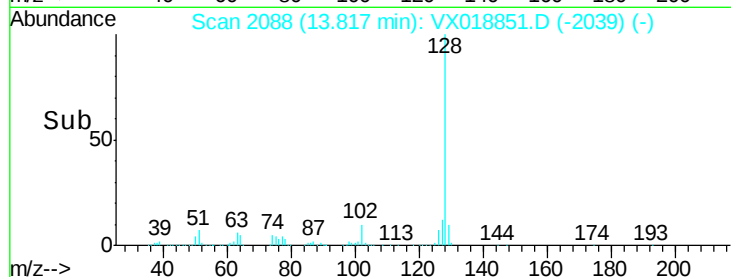
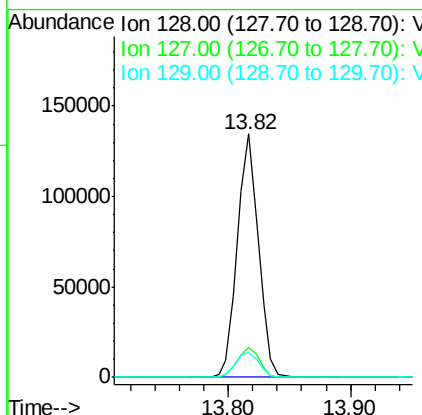
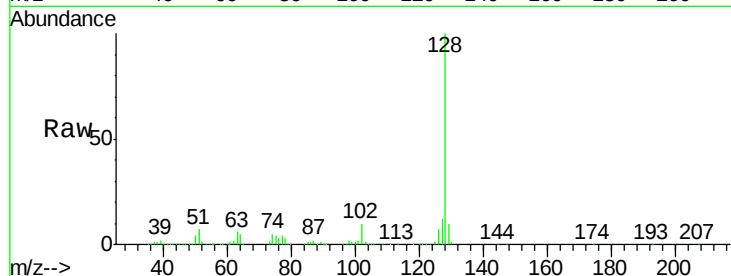




#95
Naphthalene
Concen: 15.777 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 159682
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.771 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018851.D
Acq: 09 Oct 2020 12:03

Tgt Ion:180 Resp: 53888
Ion Ratio Lower Upper
180 100
182 98.9 47.7 143.1
145 35.0 16.7 50.0

