

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018096.D
 Acq On : 27 Aug 2020 17:03
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Quant Time: Aug 28 03:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	646487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1028148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	974222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	452473	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.47	113	353823	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.70	98	1305389	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	486358	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	155506	19.757	ug/l	100
3) Chloromethane	1.32	50	158743	19.129	ug/l	99
4) Vinyl Chloride	1.39	62	159260	19.279	ug/l	99
5) Bromomethane	1.63	94	98555	24.735	ug/l	98
6) Chloroethane	1.71	64	88920	20.042	ug/l	95
7) Trichlorofluoromethane	1.92	101	229614	20.385	ug/l	98
8) Diethyl Ether	2.17	74	78254	20.486	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116230	19.087	ug/l	96
10) Methyl Iodide	2.49	142	120014	21.759	ug/l	98
11) Tert butyl alcohol	3.03	59	178557	102.322	ug/l	98
12) 1,1-Dichloroethene	2.36	96	115171	18.230	ug/l	98
13) Acrolein	2.28	56	64940	89.749	ug/l	96
14) Allyl chloride	2.71	41	238445	21.007	ug/l	99
15) Acrylonitrile	3.12	53	415801	105.042	ug/l	99
16) Acetone	2.42	43	370182	105.852	ug/l	96
17) Carbon Disulfide	2.55	76	364396	19.080	ug/l	98
18) Methyl Acetate	2.75	43	185340	21.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	445500	20.561	ug/l	96
20) Methylene Chloride	2.84	84	155562	21.080	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136887	19.556	ug/l	96
22) Diisopropyl ether	3.83	45	451094	20.136	ug/l	94
23) Vinyl Acetate	3.79	43	2088579	104.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256619	20.123	ug/l	99
25) 2-Butanone	4.64	43	594847	103.497	ug/l	100
26) 2,2-Dichloropropane	4.56	77	210550	20.292	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	154869	19.203	ug/l	99
28) Bromochloromethane	4.98	49	120651	19.600	ug/l	99
29) Tetrahydrofuran	5.10	42	377132	103.078	ug/l	99
30) Chloroform	5.18	83	260931	19.760	ug/l	99
31) Cyclohexane	5.55	56	205926	19.170	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	243177	20.068	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187813	19.805	ug/l	99
37) Ethyl Acetate	4.81	43	229697	20.855	ug/l	98
38) Carbon Tetrachloride	5.76	117	216607	20.268	ug/l	99

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 Data File : VX018096.D
 Acq On : 27 Aug 2020 17:03
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Quant Time: Aug 28 03:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	190145	18.337	ug/l	98
40) Benzene	6.12	78	554122	19.886	ug/l	98
41) Methacrylonitrile	5.01	41	122837	20.312	ug/l	98
42) 1,2-Dichloroethane	6.17	62	212953	19.947	ug/l	99
43) Isopropyl Acetate	6.42	43	361566	20.325	ug/l	99
44) Trichloroethene	7.19	130	158183	20.091	ug/l	100
45) 1,2-Dichloropropane	7.49	63	152318	20.282	ug/l	97
46) Dibromomethane	7.64	93	105139	19.908	ug/l	98
47) Bromodichloromethane	7.88	83	213316	20.229	ug/l	97
48) Methyl methacrylate	7.75	41	181863	20.536	ug/l	98
49) 1,4-Dioxane	7.72	88	60402	376.533	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1163013	105.836	ug/l	100
52) Toluene	8.77	92	354879	20.085	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239159	20.464	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	250135	20.204	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	153158	20.324	ug/l	97
56) Ethyl methacrylate	9.16	69	225318	20.113	ug/l	99
57) 1,3-Dichloropropane	9.35	76	248826	20.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	487731	96.782	ug/l	100
59) 2-Hexanone	9.48	43	899107	107.603	ug/l	99
60) Dibromochloromethane	9.57	129	178767	20.222	ug/l	97
61) 1,2-Dibromoethane	9.65	107	163712	20.010	ug/l	99
64) Tetrachloroethene	9.32	164	146889	20.518	ug/l	94
65) Chlorobenzene	10.12	112	395293	20.316	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	156356	20.389	ug/l	98
67) Ethyl Benzene	10.24	91	669305	20.227	ug/l	99
68) m/p-Xylenes	10.34	106	494590	40.047	ug/l	97
69) o-Xylene	10.68	106	238644	19.933	ug/l	99
70) Styrene	10.70	104	416877	20.446	ug/l	99
71) Bromoform	10.84	173	128871	19.701	ug/l	96
73) Isopropylbenzene	11.01	105	634049	21.104	ug/l	99
74) N-amyl acetate	10.88	43	321216	22.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215147	20.300	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	268081	26.458	ug/l	85
77) Bromobenzene	11.24	156	171681	20.672	ug/l	98
78) n-propylbenzene	11.35	91	725557	21.269	ug/l	98
79) 2-Chlorotoluene	11.40	91	442607	21.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	529777	21.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79931	21.306	ug/l	99
82) 4-Chlorotoluene	11.49	91	523667	20.900	ug/l	99
83) tert-Butylbenzene	11.76	119	506542	20.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	520657	20.627	ug/l	99
85) sec-Butylbenzene	11.93	105	578737	20.887	ug/l	99
86) p-Isopropyltoluene	12.05	119	532813	20.935	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	291182	19.970	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	289067	19.800	ug/l	98
89) n-Butylbenzene	12.37	91	459750	19.791	ug/l	99
90) Hexachloroethane	12.58	117	99434	19.857	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	281450	20.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55857	21.078	ug/l	97

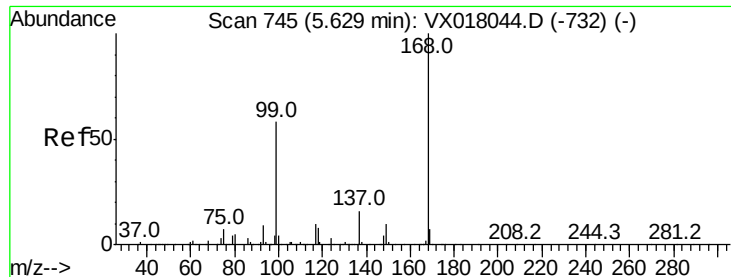
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
Data File : VX018096.D
Acq On : 27 Aug 2020 17:03
Operator : JC/SP
Sample : VX0827WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Quant Time: Aug 28 03:04:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186632	20.391	ug/l	99
94) Hexachlorobutadiene	13.77	225	65774	18.220	ug/l	97
95) Naphthalene	13.82	128	661156	21.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186524	20.625	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. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

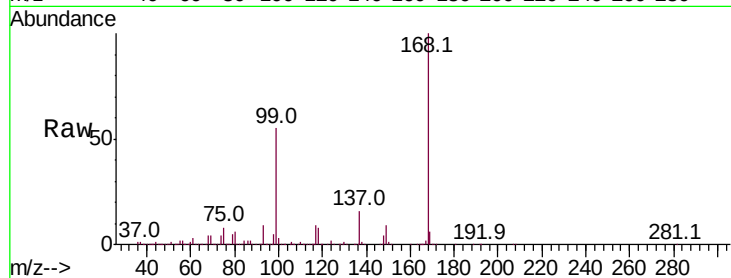
VX0827WBSD01

Tot Ion:168 Resp: 646487

Ion Ratio Lower Upper

168 100

99 54.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

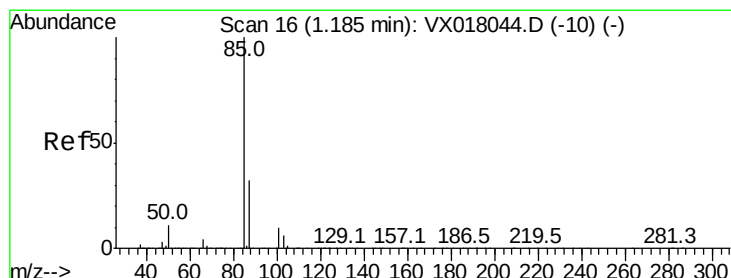
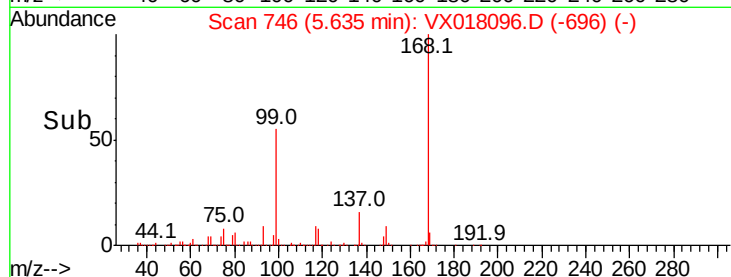
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.757 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018096.D

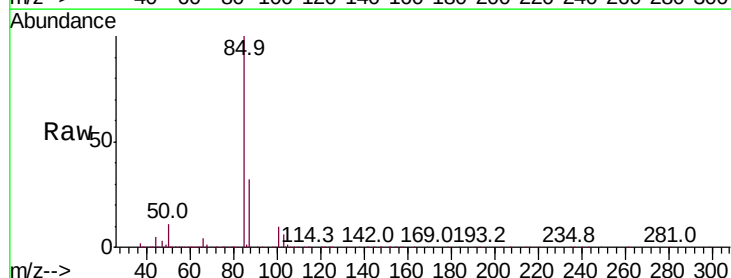
Acq: 27 Aug 2020 17:03

Tgt Ion: 85 Resp: 155506

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

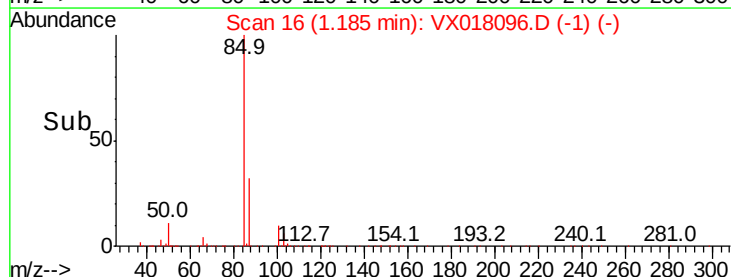
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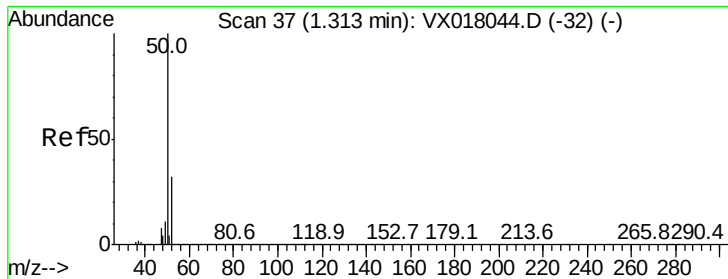
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.129 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

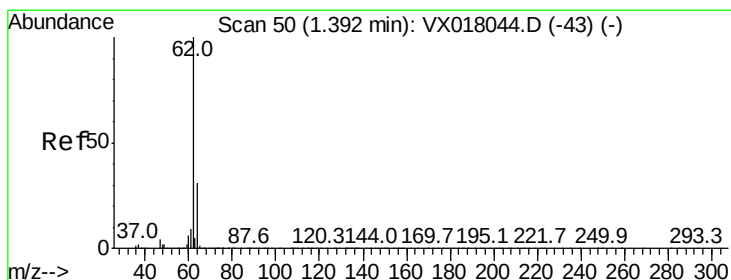
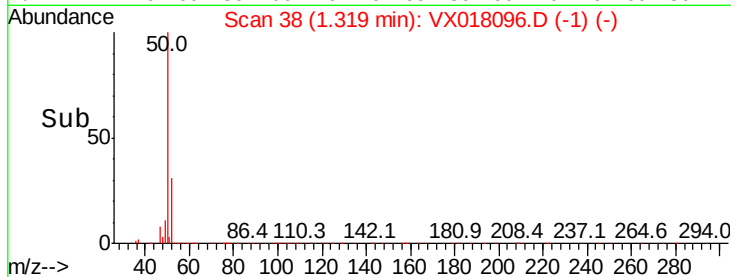
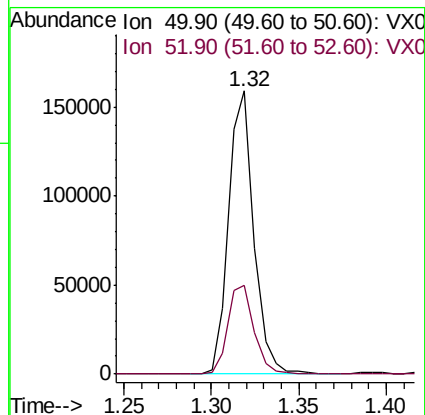
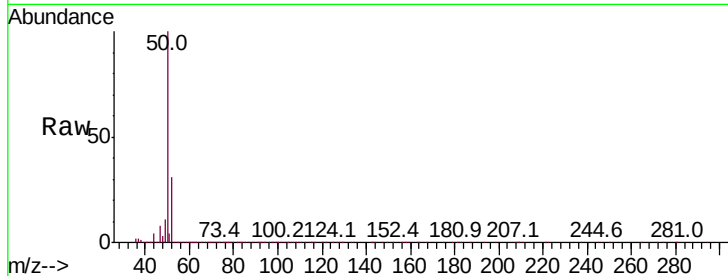
VX0827WBSD01

Tot Ion: 50 Resp: 158743

Ion Ratio Lower Upper

50 100

52 31.2 25.4 38.2



#4

Vinyl Chloride

Concen: 19.279 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018096.D

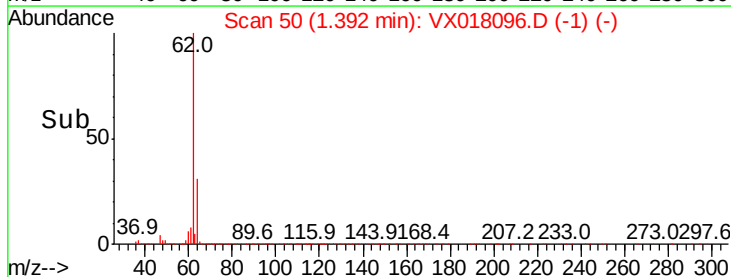
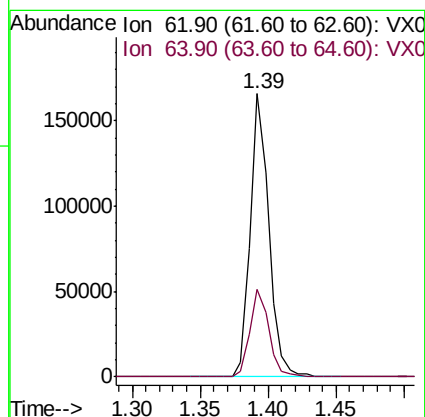
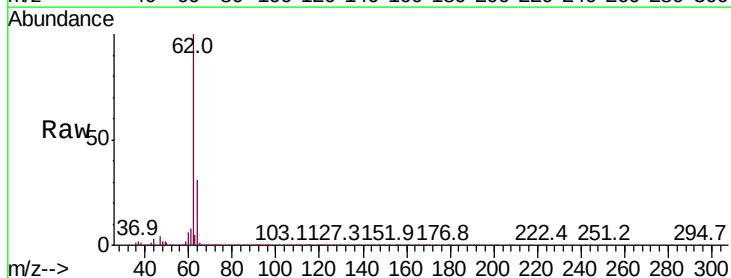
Acq: 27 Aug 2020 17:03

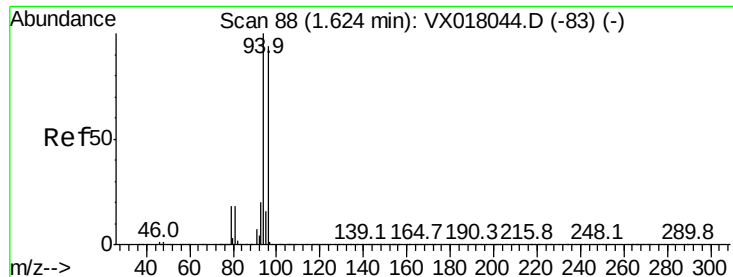
Tgt Ion: 62 Resp: 159260

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 24.735 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

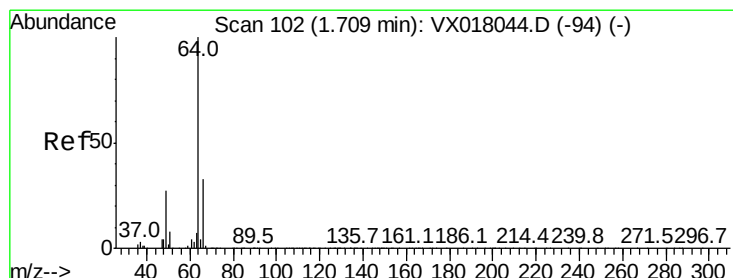
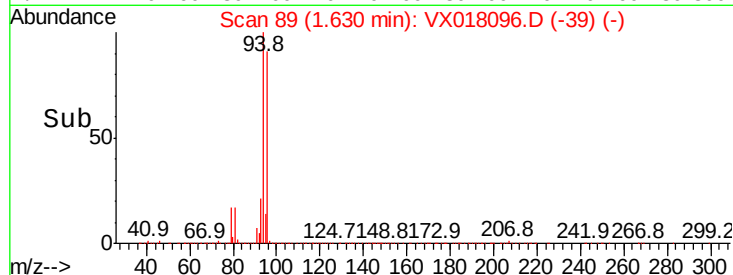
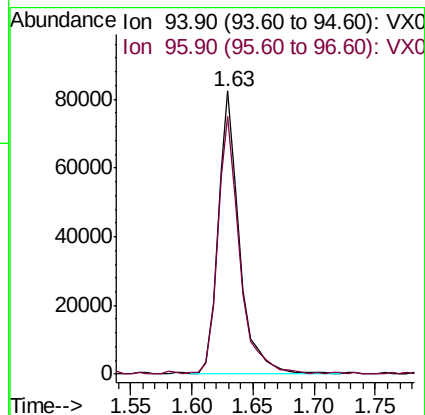
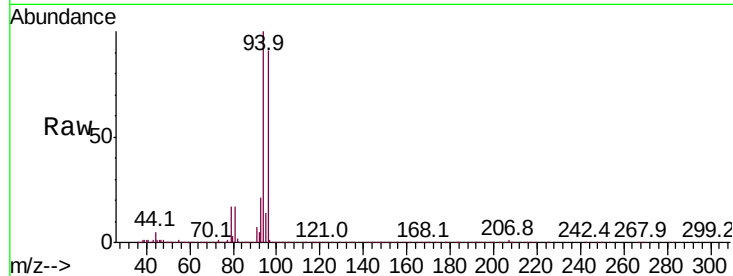
VX0827WBSD01

Tot Ion: 94 Resp: 98555

Ion Ratio Lower Upper

94 100

96 91.1 74.8 112.2



#6

Chloroethane

Concen: 20.042 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018096.D

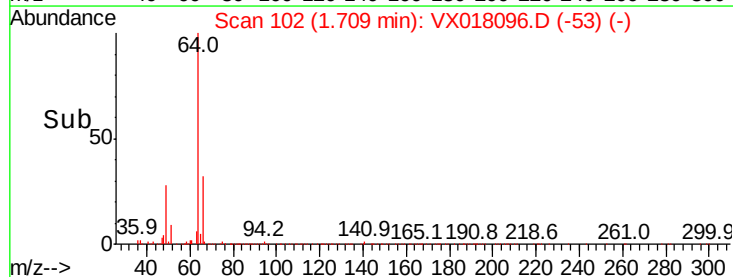
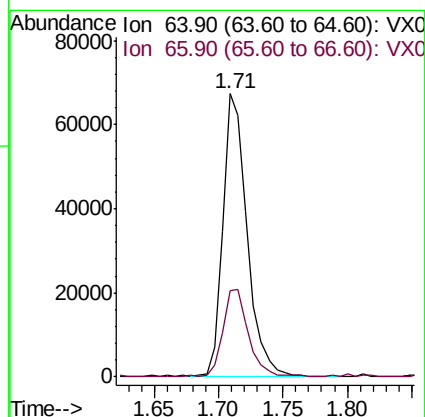
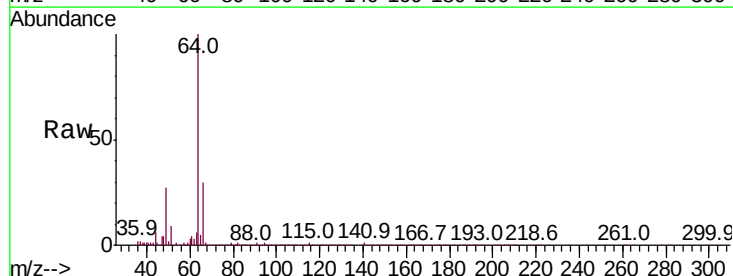
Acq: 27 Aug 2020 17:03

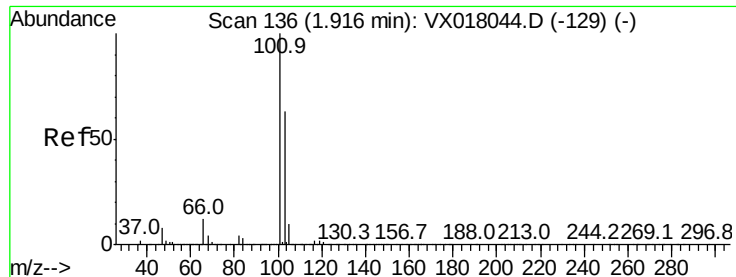
Tgt Ion: 64 Resp: 88920

Ion Ratio Lower Upper

64 100

66 30.1 26.6 39.8





#7

Trichlorofluoromethane

Concen: 20.385 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

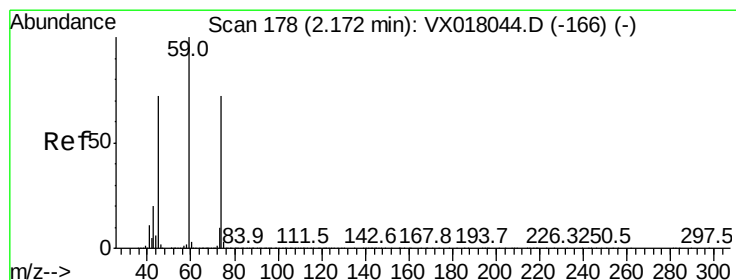
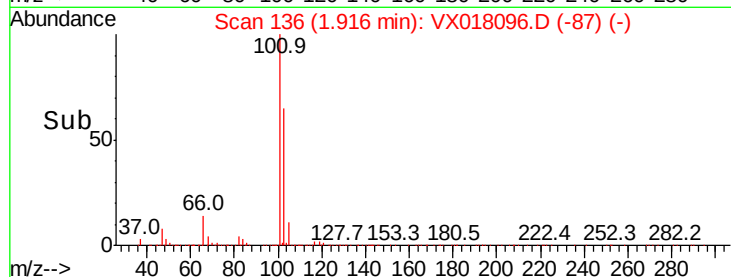
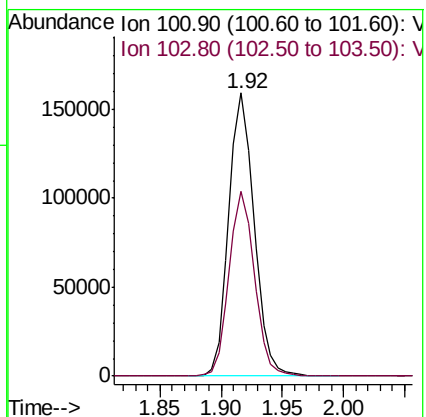
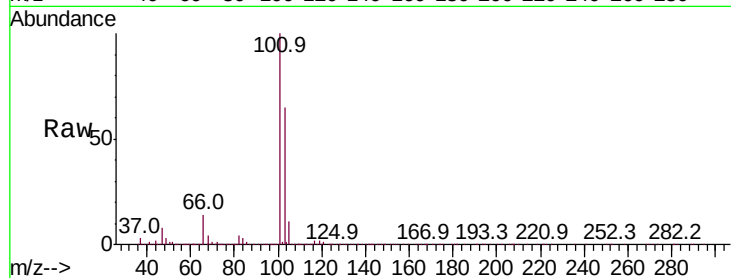
VX0827WBSD01

Tot Ion:101 Resp: 229614

Ion Ratio Lower Upper

101 100

103 65.2 50.7 76.1



#8

Diethyl Ether

Concen: 20.486 ug/l

RT: 2.17 min Scan# 178

Delta R.T. -0.00 min

Lab File: VX018096.D

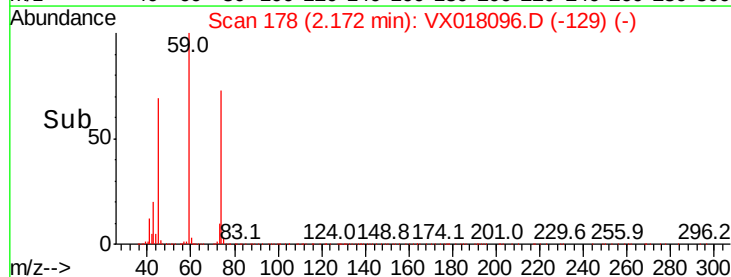
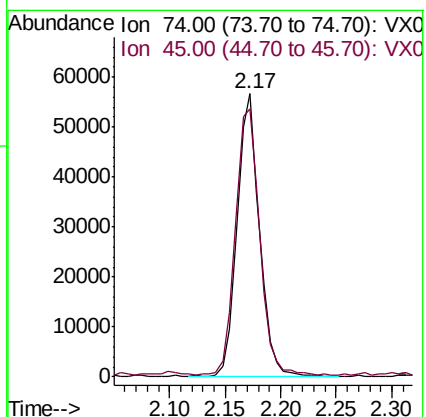
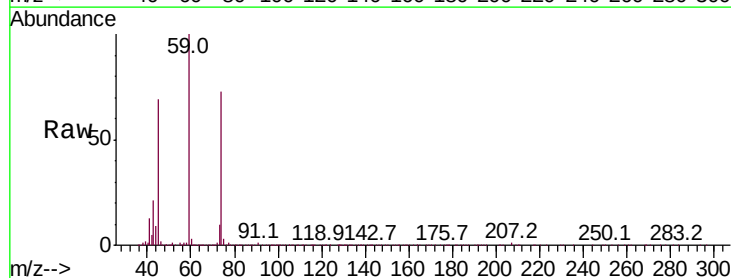
Acq: 27 Aug 2020 17:03

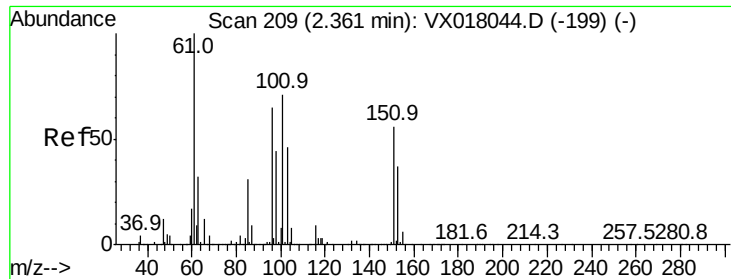
Tgt Ion: 74 Resp: 78254

Ion Ratio Lower Upper

74 100

45 102.4 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.087 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

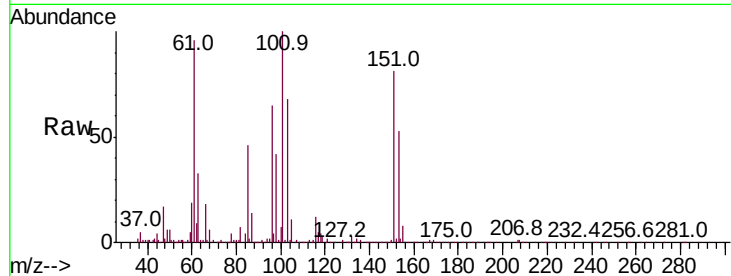
Tot Ion:101 Resp: 116230

Ion Ratio Lower Upper

101 100

85 43.7 34.0 51.0

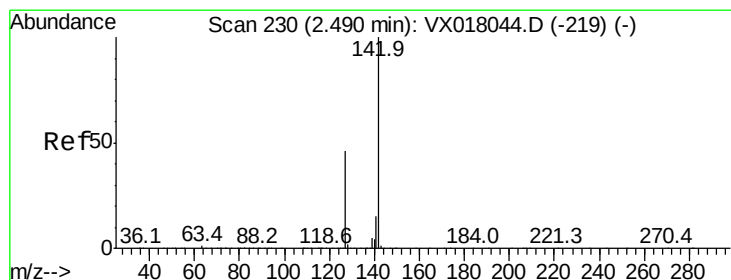
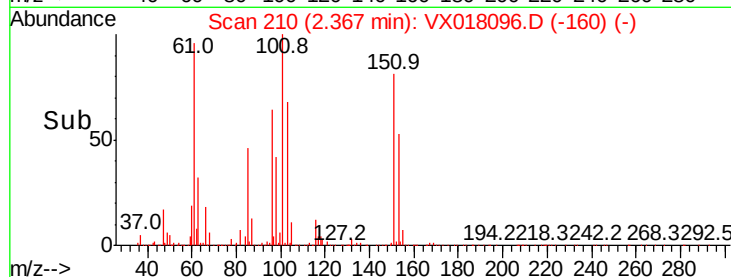
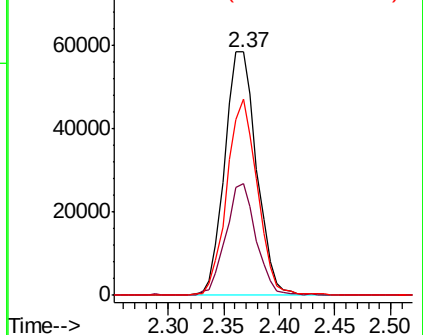
151 77.2 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.759 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

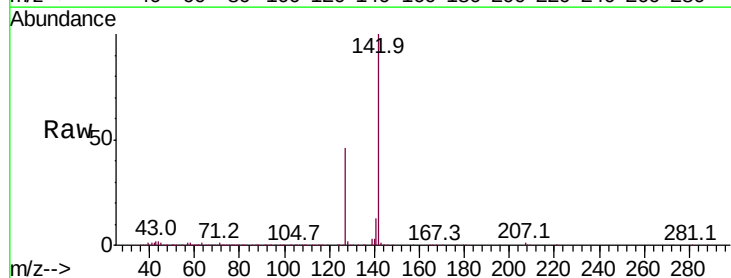
Tgt Ion:142 Resp: 120014

Ion Ratio Lower Upper

142 100

127 47.5 37.0 55.6

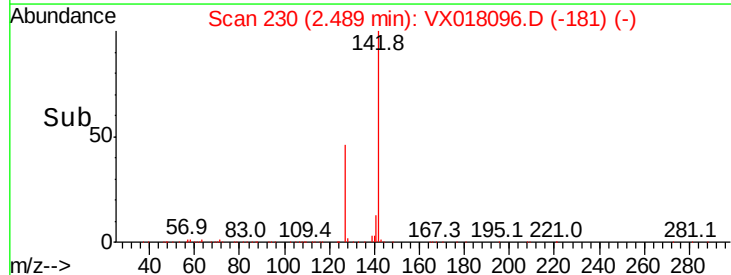
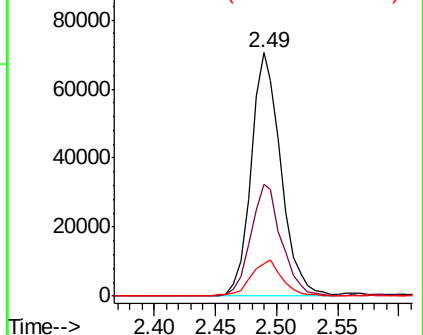
141 15.7 11.5 17.3

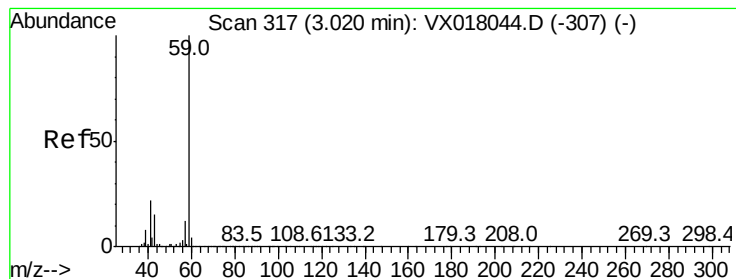


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



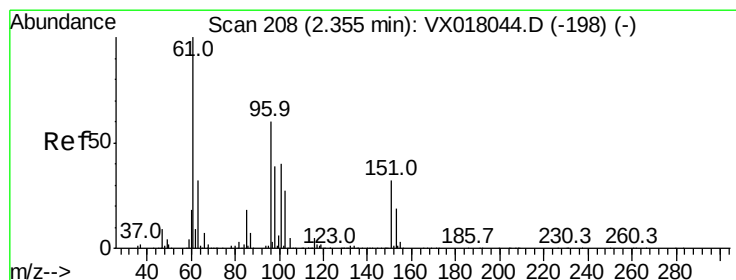
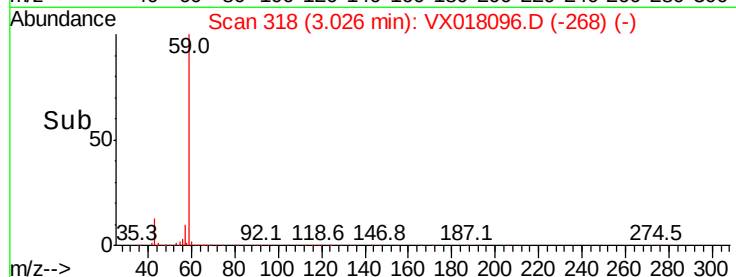
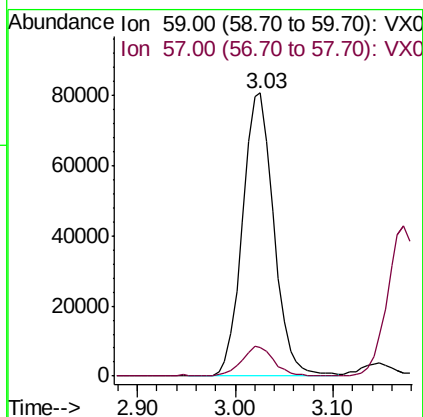
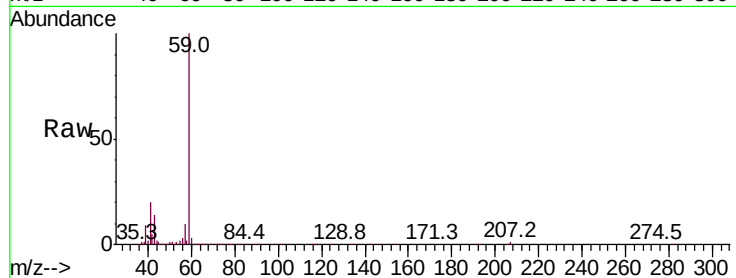


#11

Tert butyl alcohol
 Concen: 102.322 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

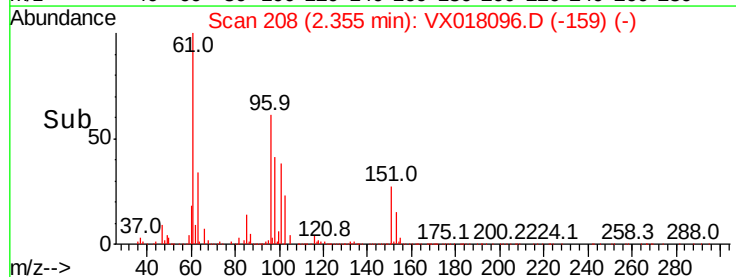
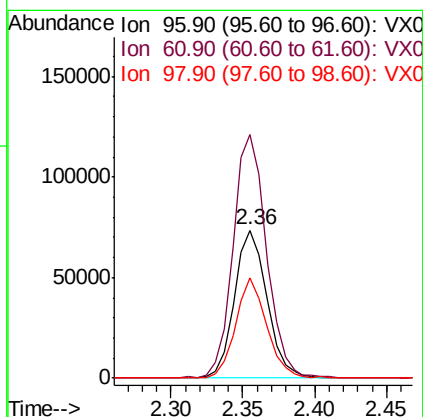
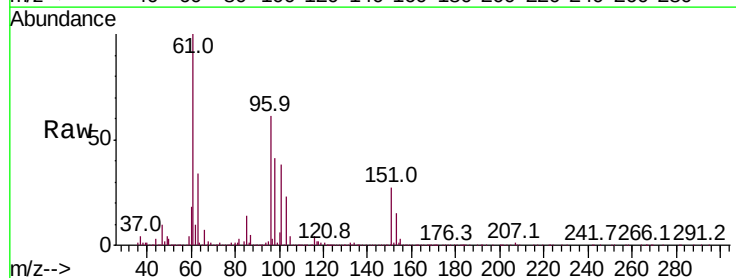
Tot Ion: 59 Resp: 178557
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3

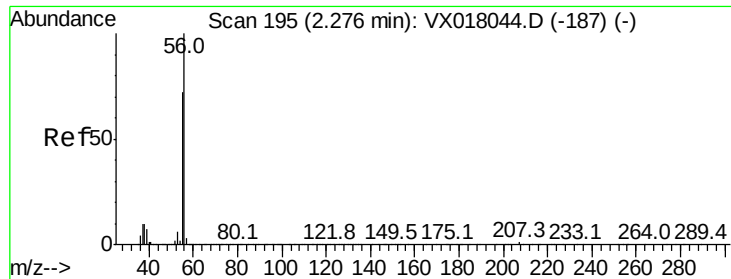


#12

1,1-Dichloroethene
 Concen: 18.230 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion: 96 Resp: 115171
 Ion Ratio Lower Upper
 96 100
 61 164.6 133.0 199.4
 98 67.7 51.6 77.4

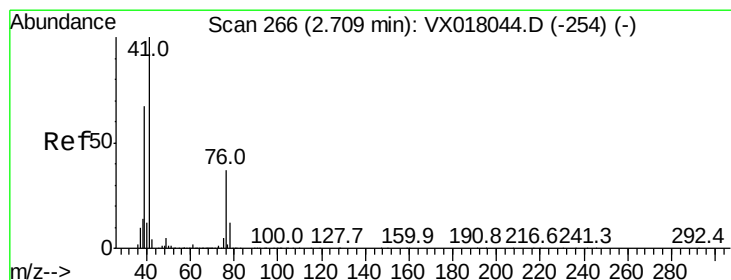
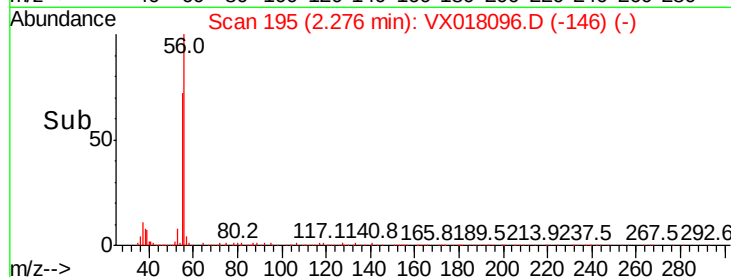
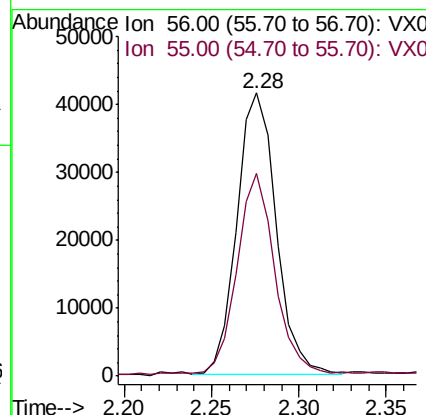
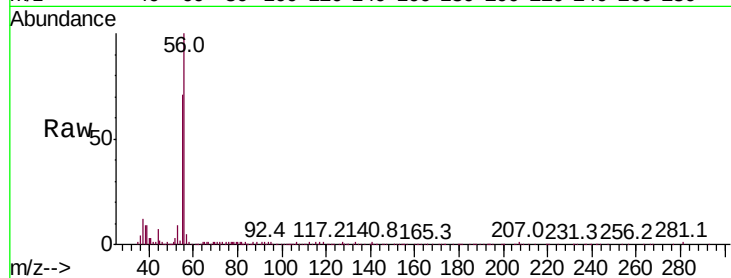




#13
Acrolein
Concen: 89.749 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

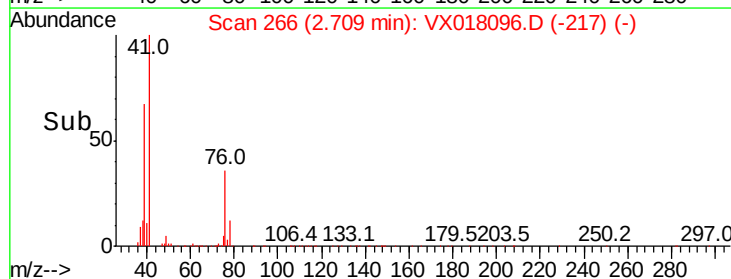
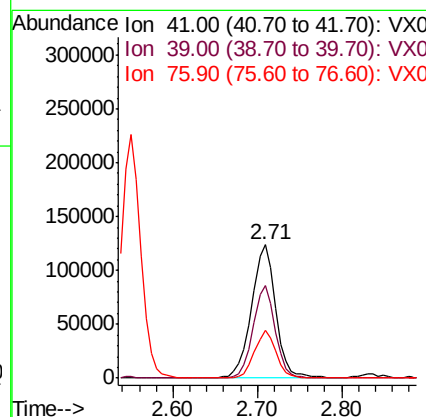
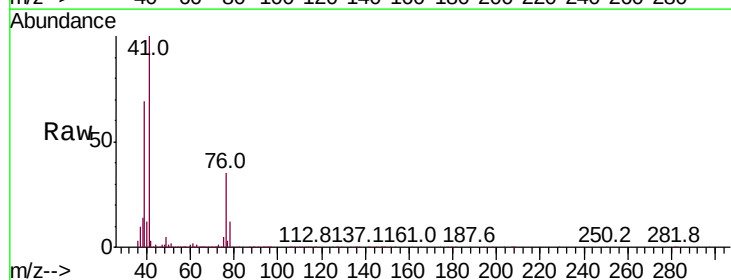
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

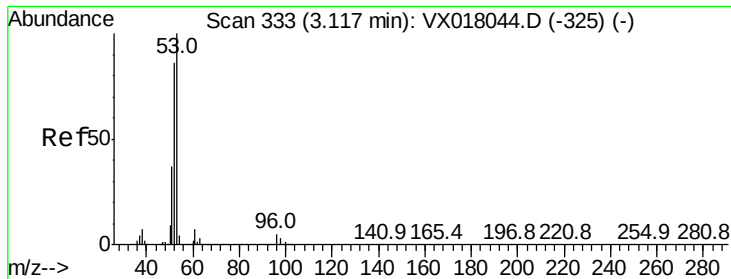
Tot Ion: 56 Resp: 64940
Ion Ratio Lower Upper
56 100
55 67.8 57.0 85.6



#14
Allyl chloride
Concen: 21.007 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion: 41 Resp: 238445
Ion Ratio Lower Upper
41 100
39 62.9 50.6 76.0
76 31.7 26.2 39.2





#15

Acrylonitrile

Concen: 105.042 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

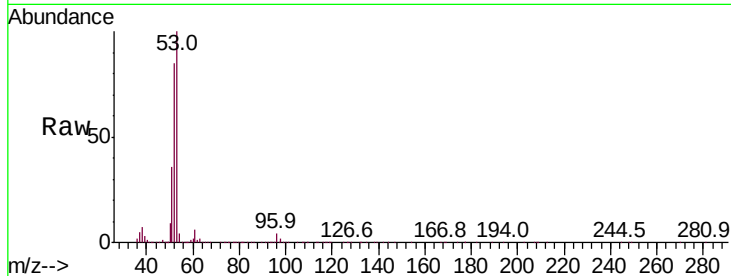
MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 53 Resp: 415801

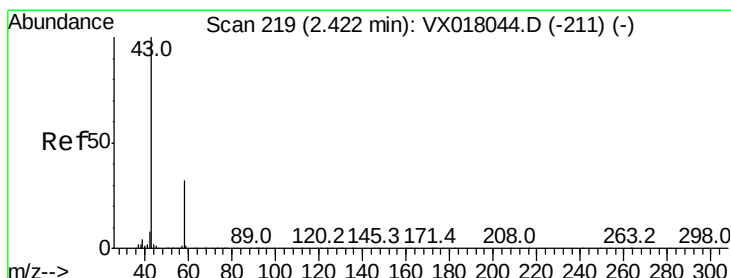
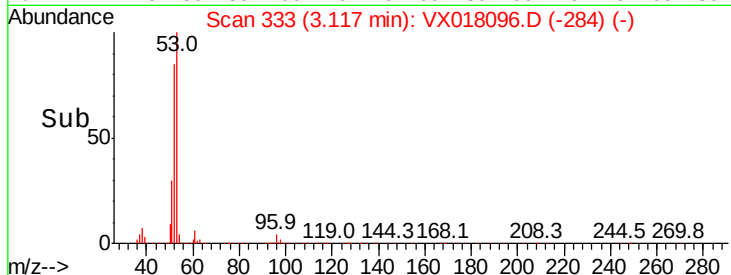
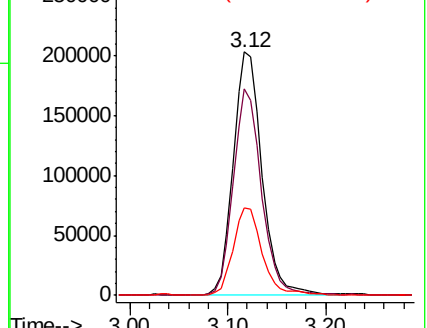
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.9	100.3
51	36.3	28.7	43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.852 ug/l

RT: 2.42 min Scan# 219

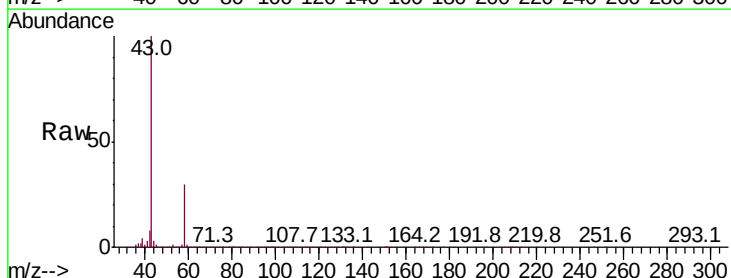
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

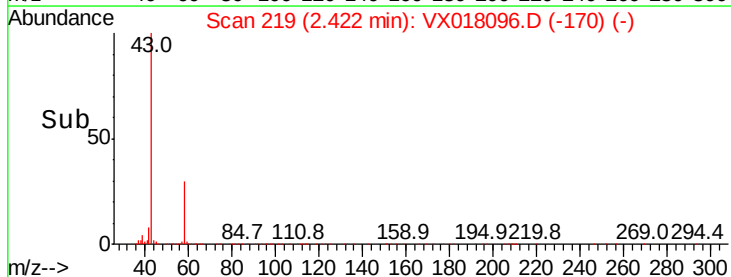
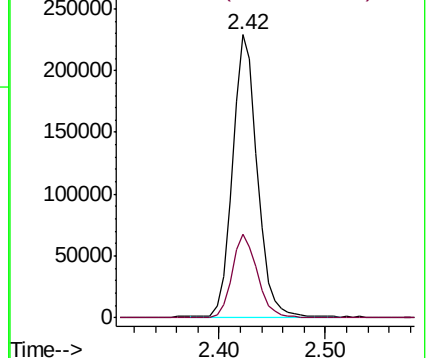
Tgt Ion: 43 Resp: 370182

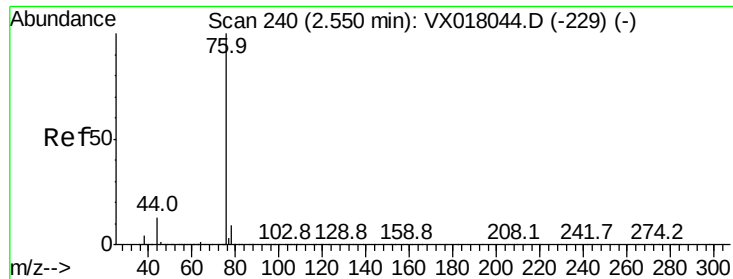
Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.5	38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.080 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

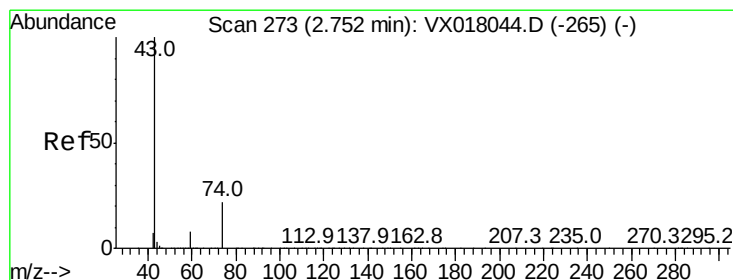
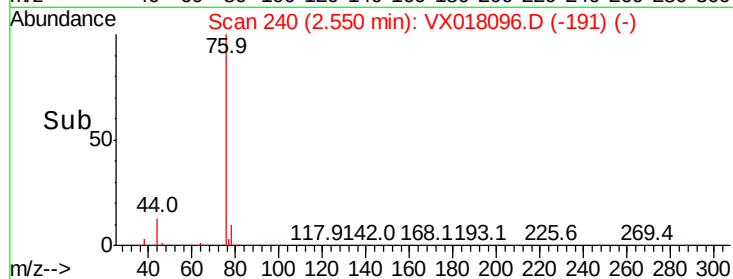
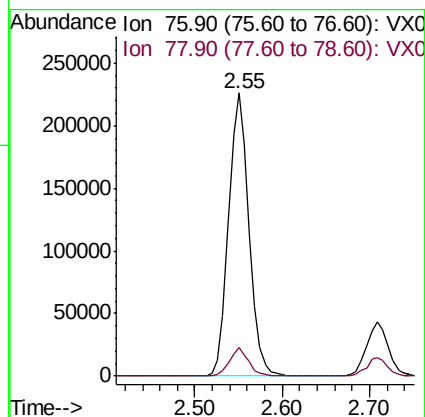
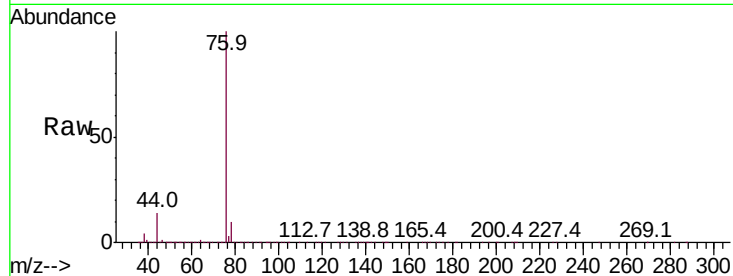
VX0827WBSD01

Tot Ion: 76 Resp: 364396

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0



#18

Methyl Acetate

Concen: 21.962 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018096.D

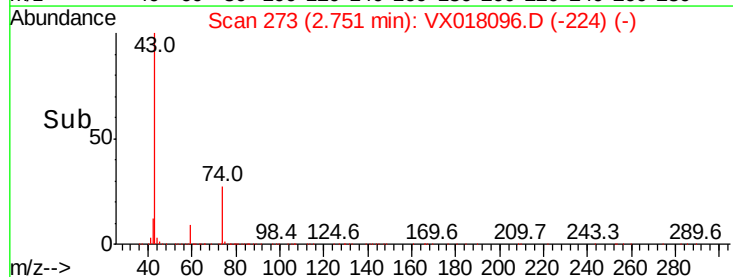
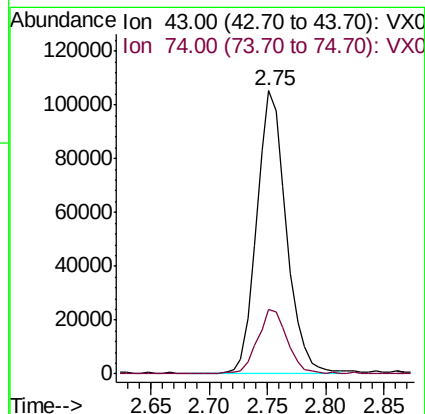
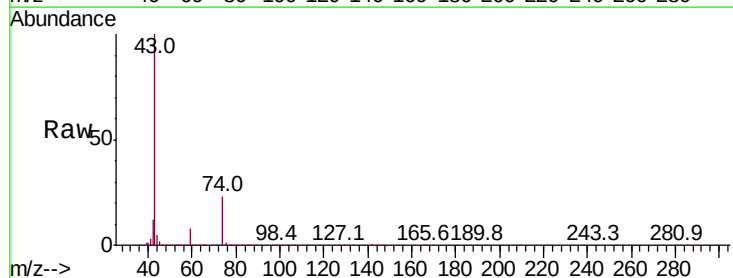
Acq: 27 Aug 2020 17:03

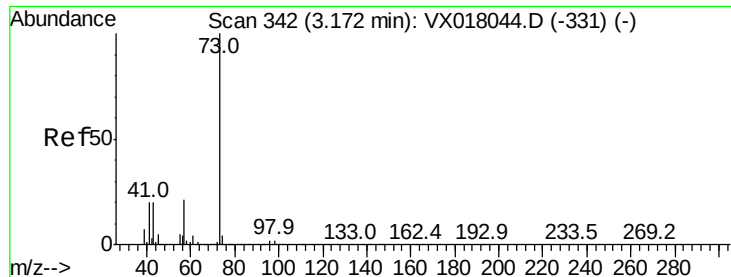
Tgt Ion: 43 Resp: 185340

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.561 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

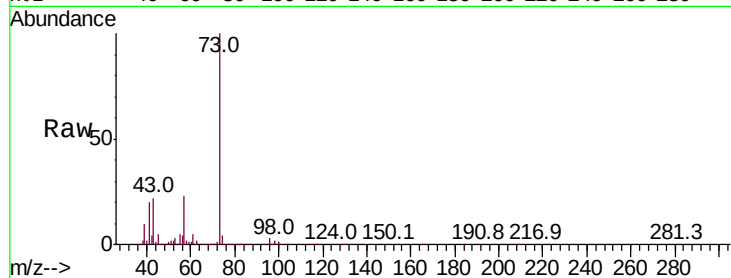
VX0827WBSD01

Tot Ion: 73 Resp: 445500

Ion Ratio Lower Upper

73 100

57 22.7 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

200000

150000

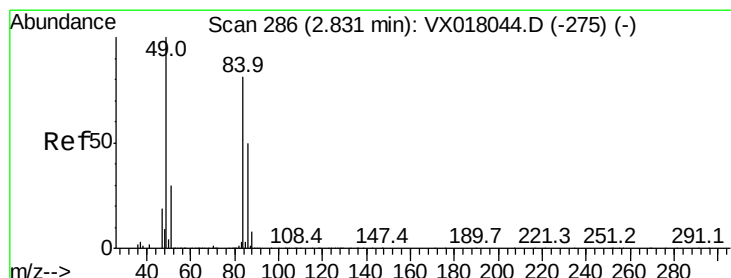
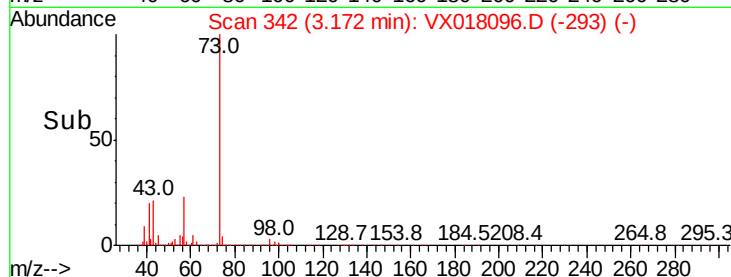
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 21.080 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 84 Resp: 155562

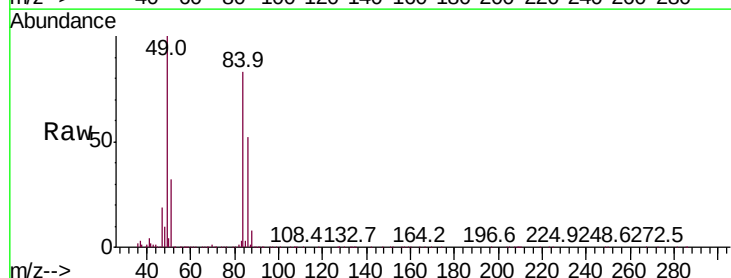
Ion Ratio Lower Upper

84 100

49 120.4 98.6 148.0

51 37.8 29.6 44.4

86 63.2 49.8 74.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

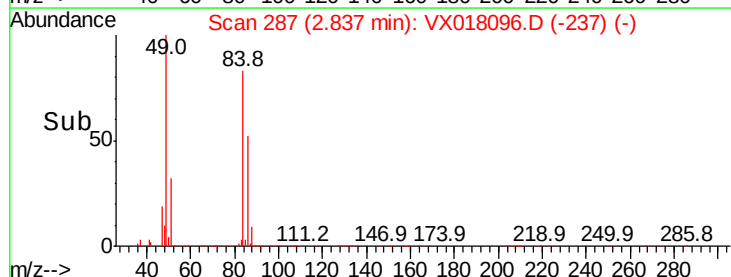
100000

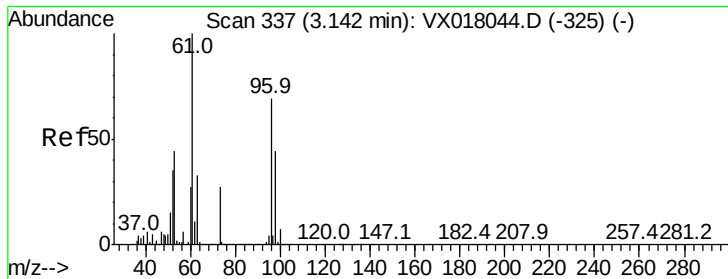
50000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.556 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

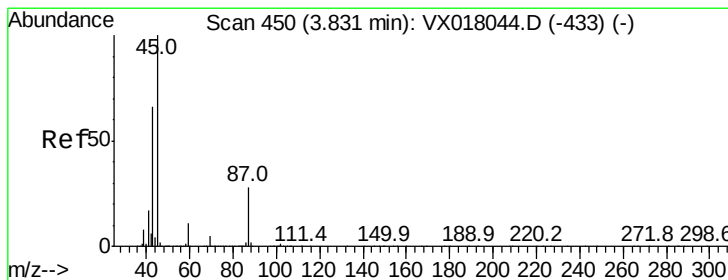
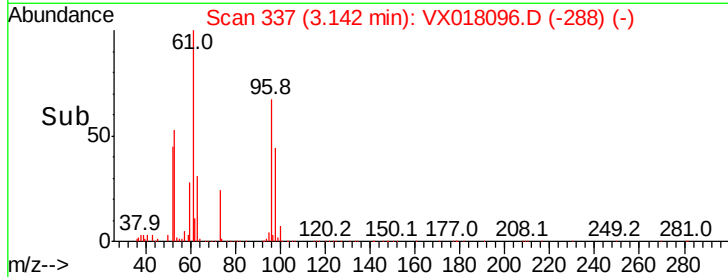
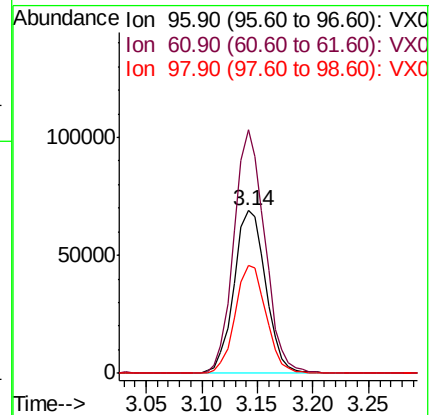
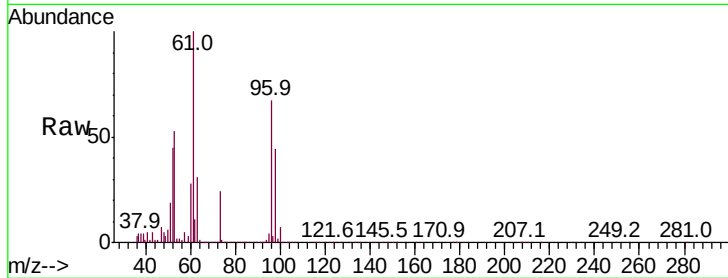
Tot Ion: 96 Resp: 136887

Ion Ratio Lower Upper

96 100

61 149.4 115.4 173.0

98 66.3 51.1 76.7



#22

Diisopropyl ether

Concen: 20.136 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 45 Resp: 451094

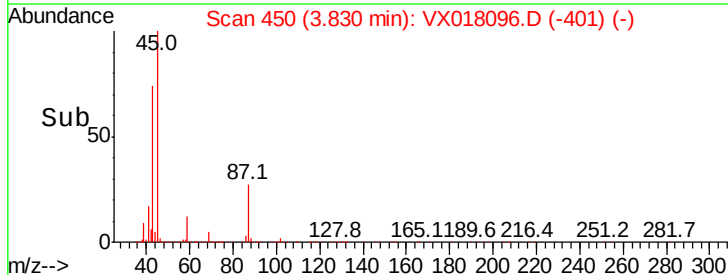
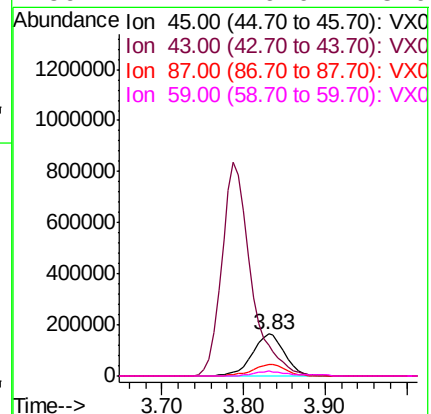
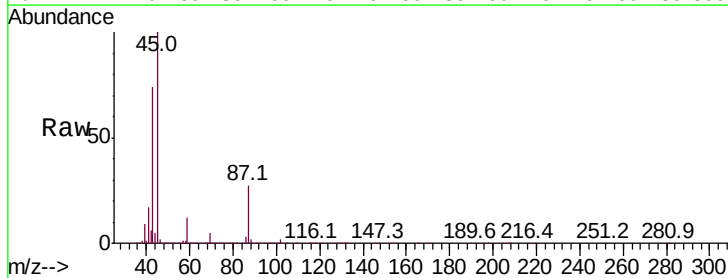
Ion Ratio Lower Upper

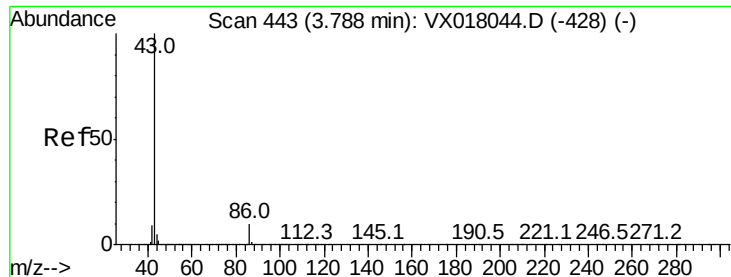
45 100

43 72.9 52.8 79.2

87 26.9 22.5 33.7

59 12.2 9.0 13.6





#23

Vinyl Acetate

Concen: 104.773 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

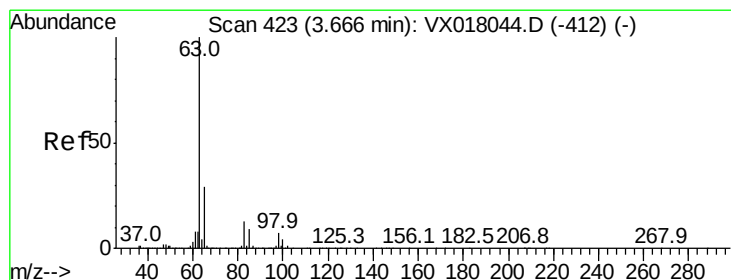
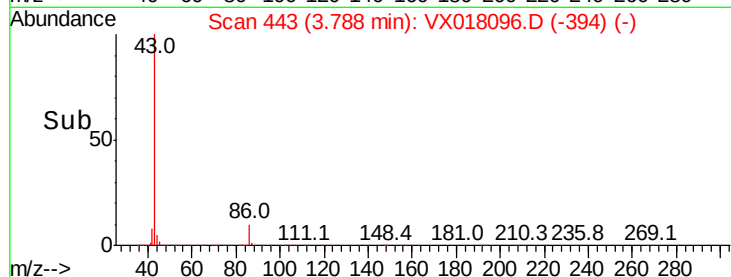
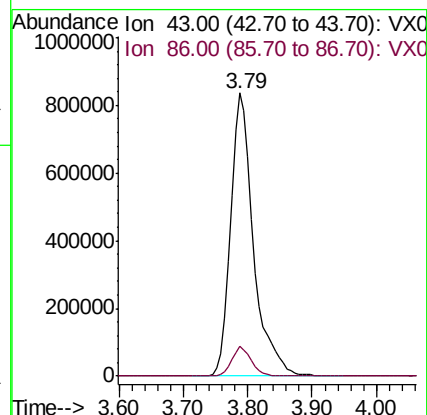
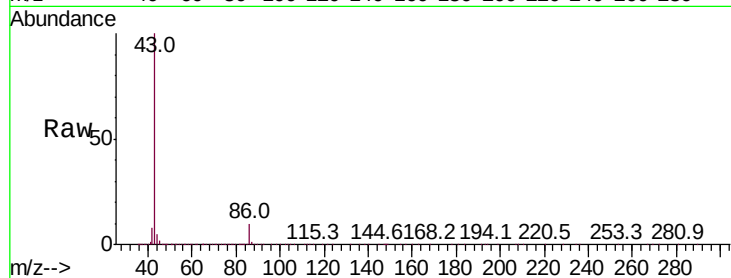
MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 43 Resp: 2088579

Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.9	11.9



#24

1,1-Dichloroethane

Concen: 20.123 ug/l

RT: 3.67 min Scan# 424

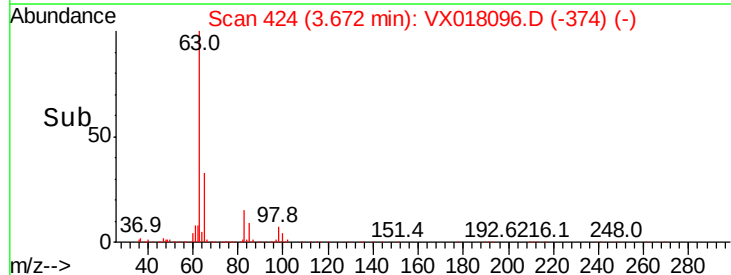
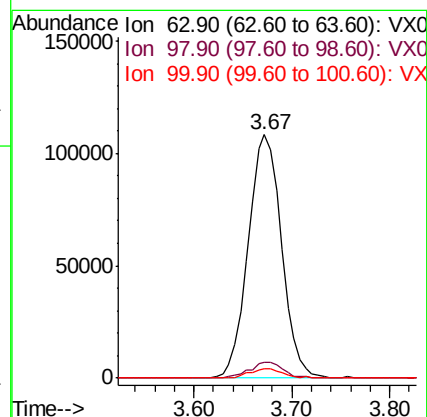
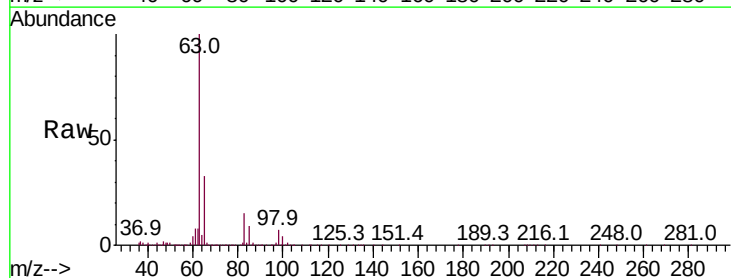
Delta R.T. 0.01 min

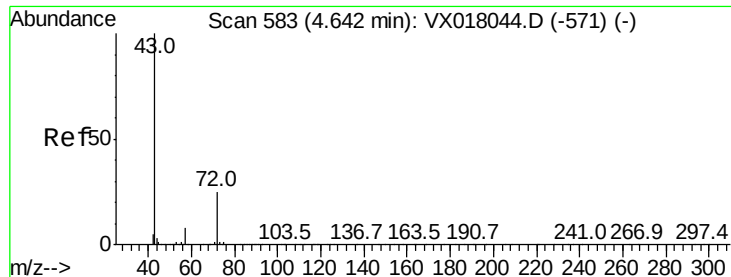
Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 63 Resp: 256619

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.6	10.8
100	4.1	2.0	6.0





#25

2-Butanone

Concen: 103.497 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

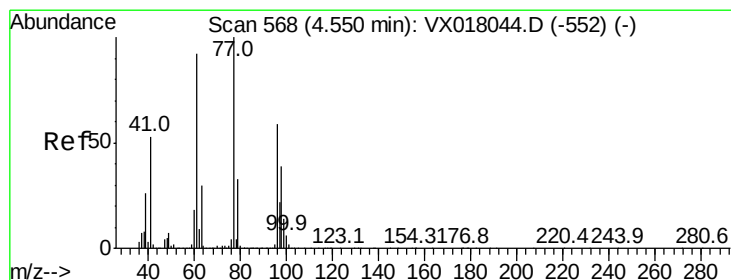
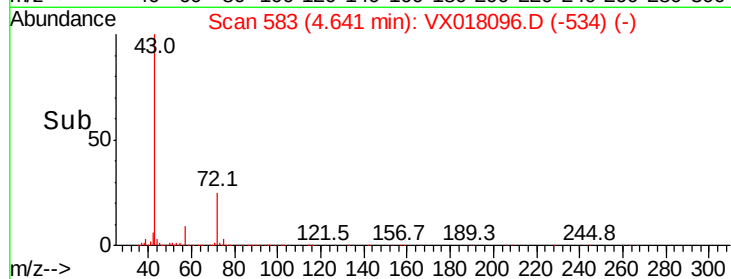
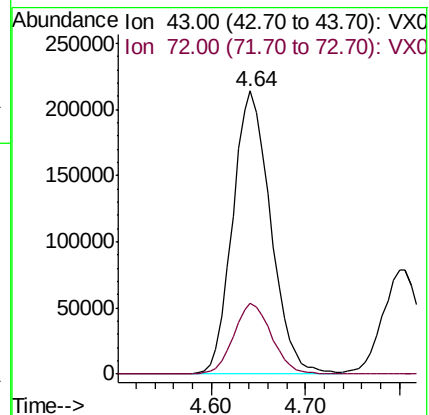
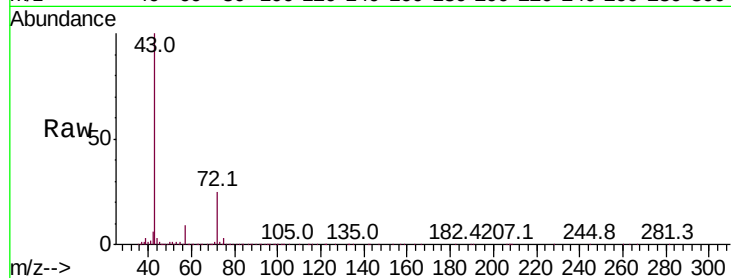
VX0827WBSD01

Tot Ion: 43 Resp: 594847

Ion Ratio Lower Upper

43 100

72 24.8 19.8 29.6



#26

2,2-Dichloropropane

Concen: 20.292 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018096.D

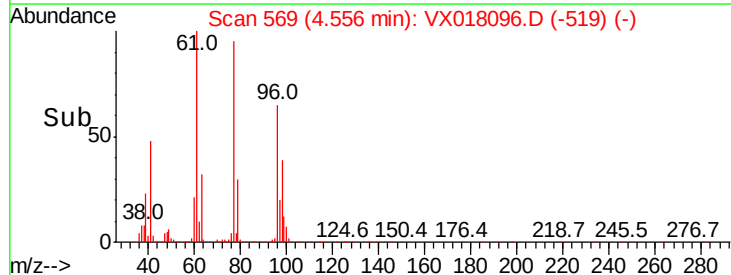
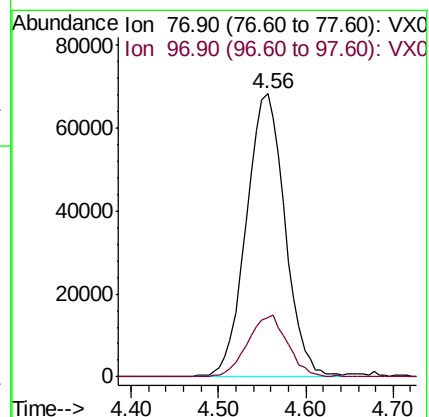
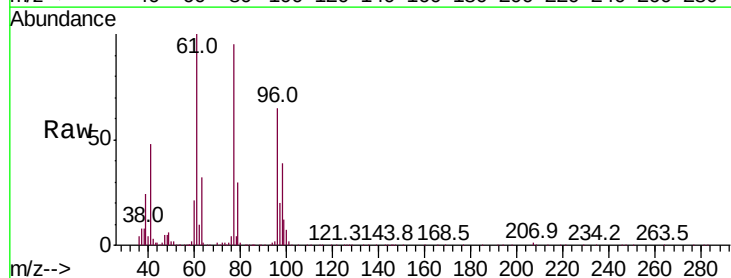
Acq: 27 Aug 2020 17:03

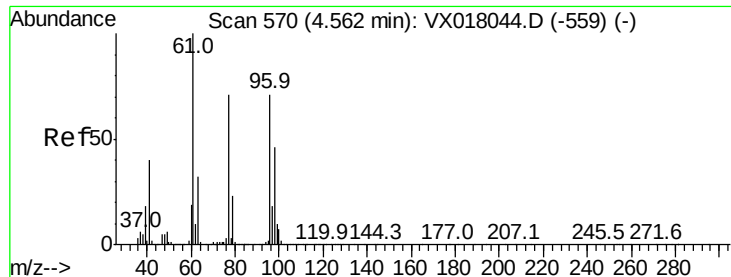
Tgt Ion: 77 Resp: 210550

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5



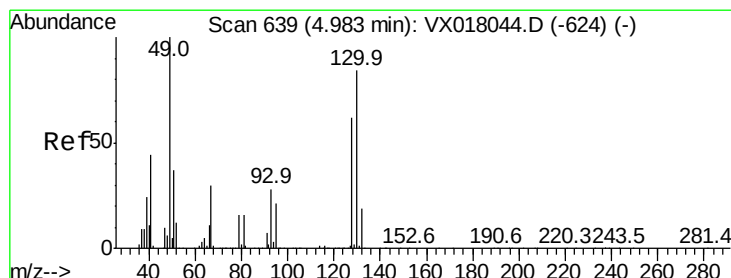
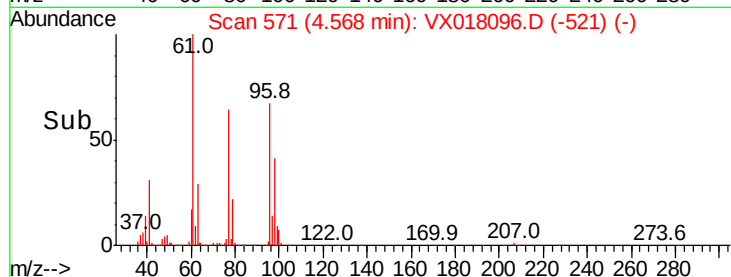
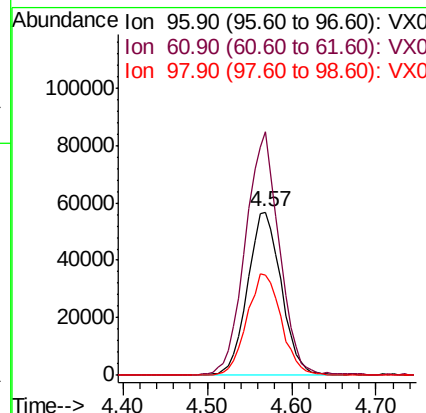
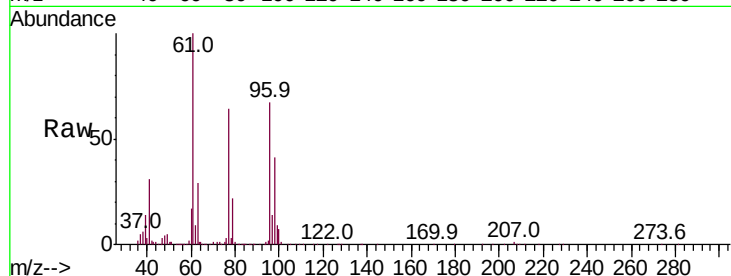


#27

cis-1,2-Dichloroethene
Concen: 19.203 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

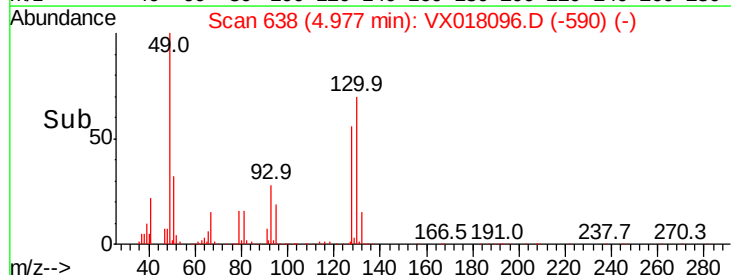
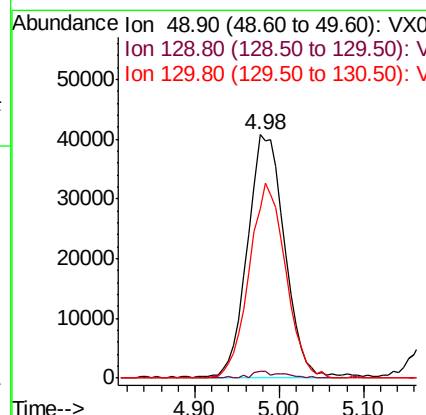
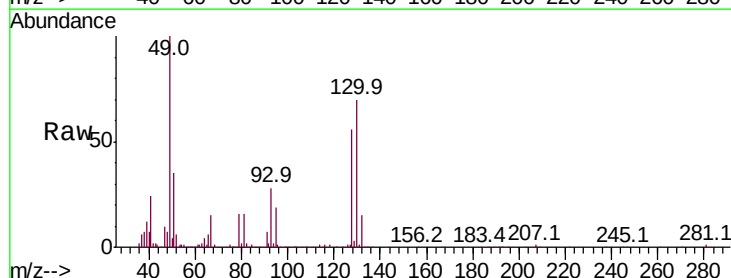
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	296.6
98	63.6	0.0	130.2

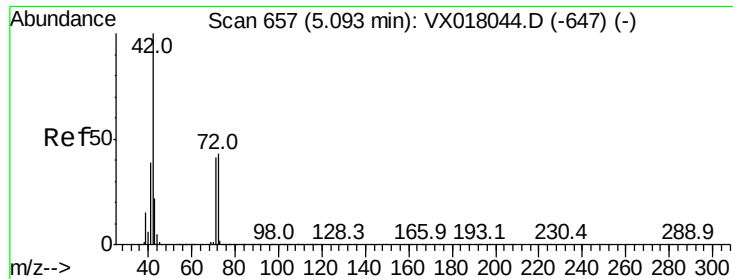


#28

Bromochloromethane
Concen: 19.600 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	79.5	64.6	96.8





#29

Tetrahydrofuran

Concen: 103.078 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

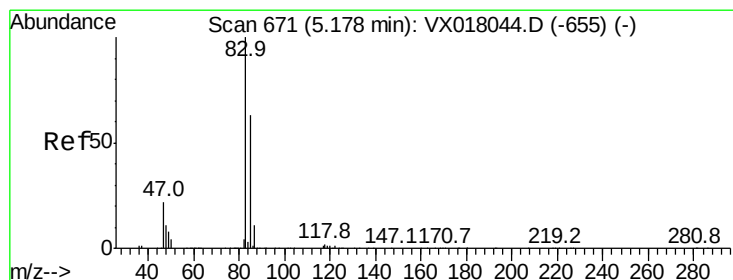
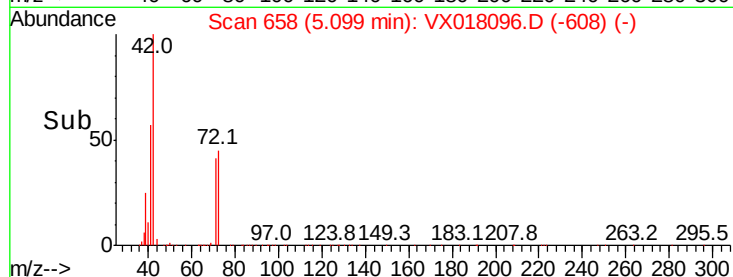
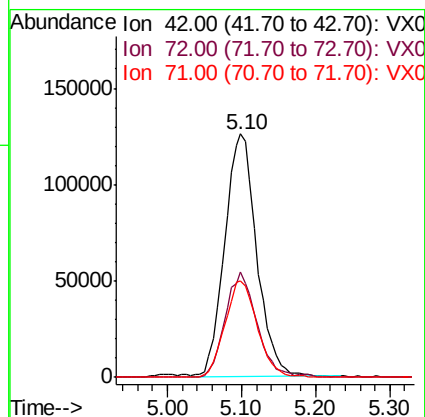
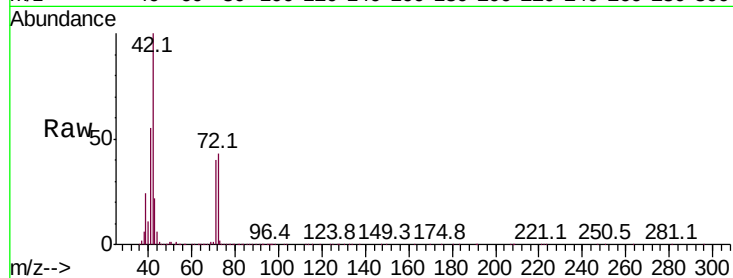
Tot Ion: 42 Resp: 377132

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 40.5 32.1 48.1



#30

Chloroform

Concen: 19.760 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018096.D

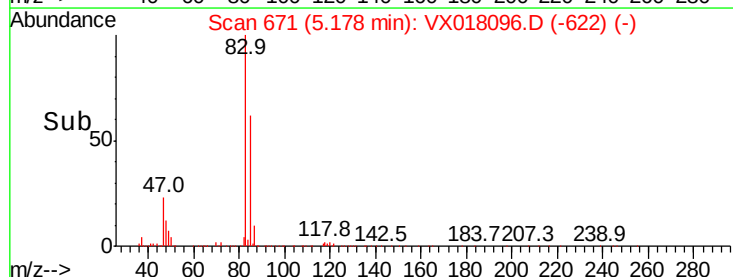
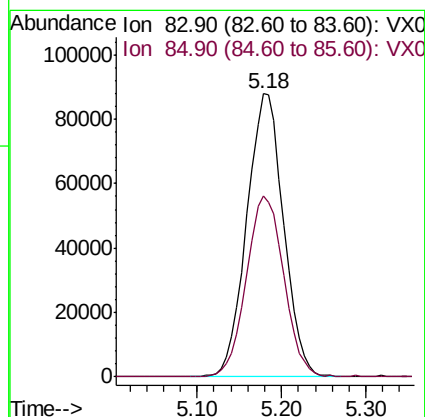
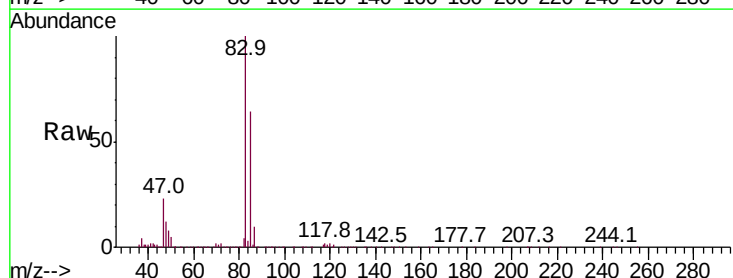
Acq: 27 Aug 2020 17:03

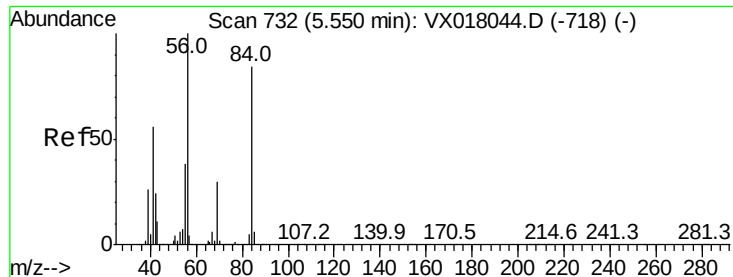
Tgt Ion: 83 Resp: 260931

Ion Ratio Lower Upper

83 100

85 64.0 50.7 76.1

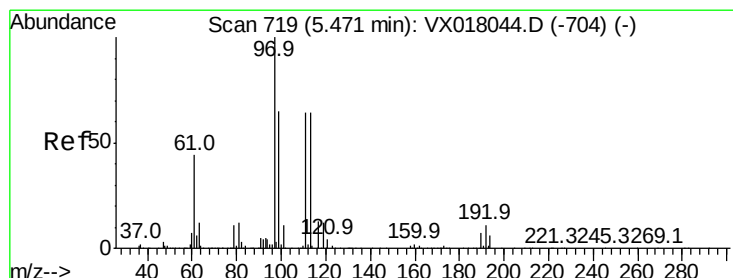
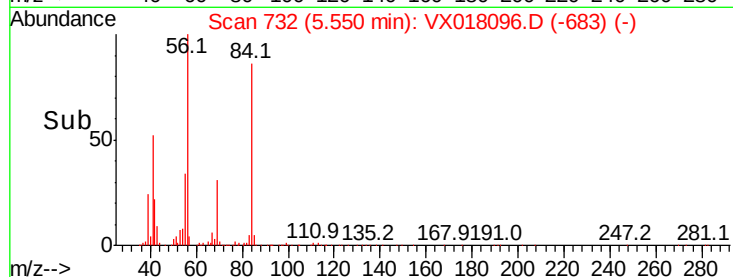
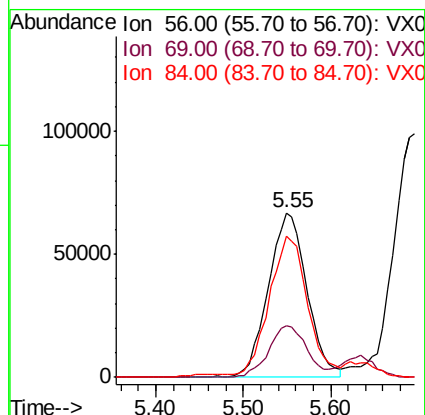
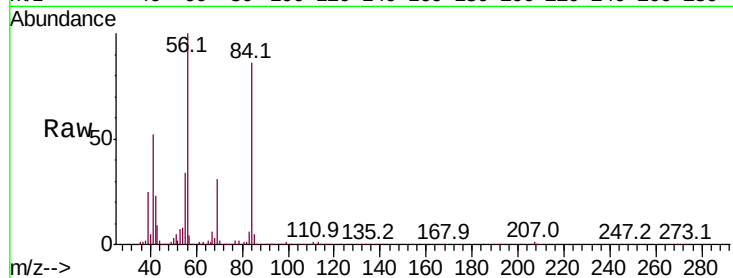




#31
Cyclohexane
Concen: 19.170 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

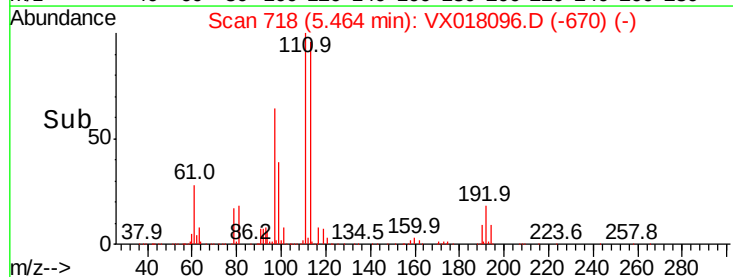
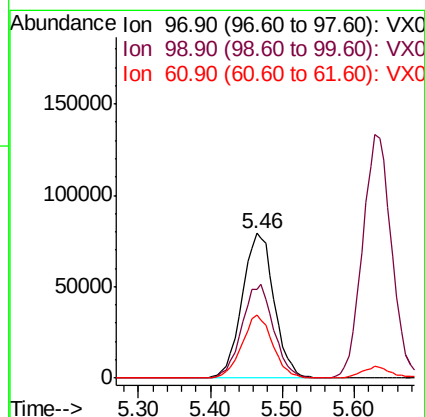
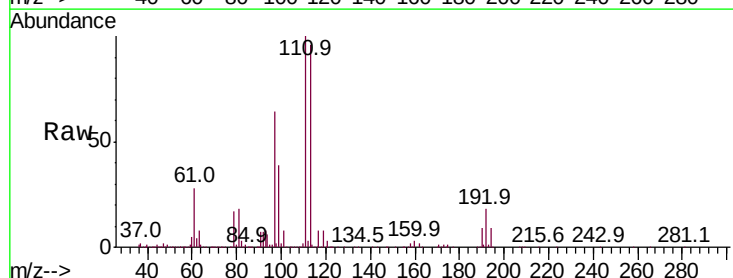
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

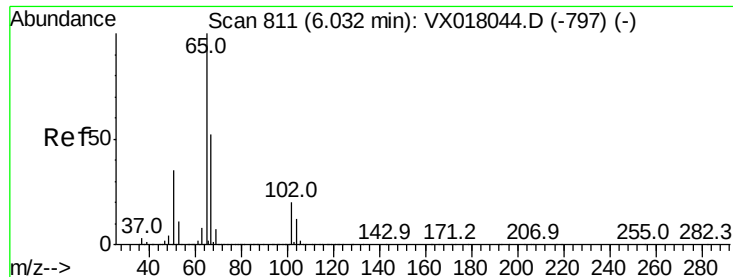
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.9	35.9
84	84.9	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 20.068 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	41.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 50.415 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

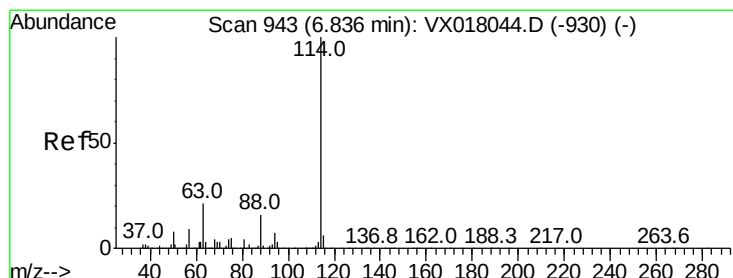
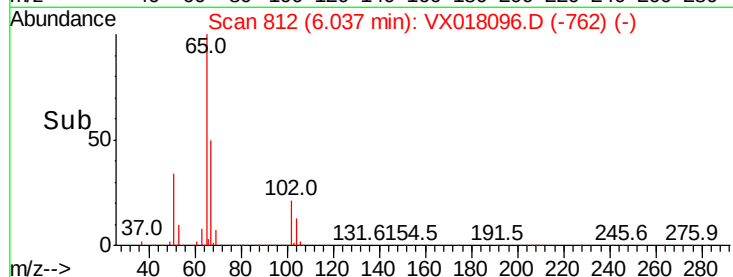
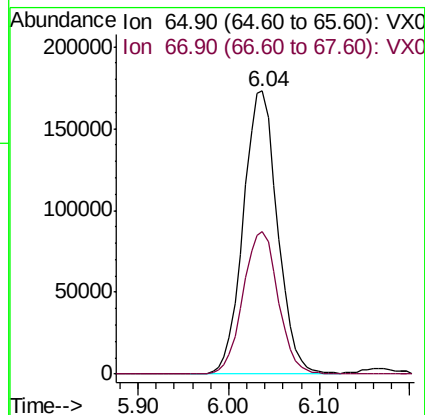
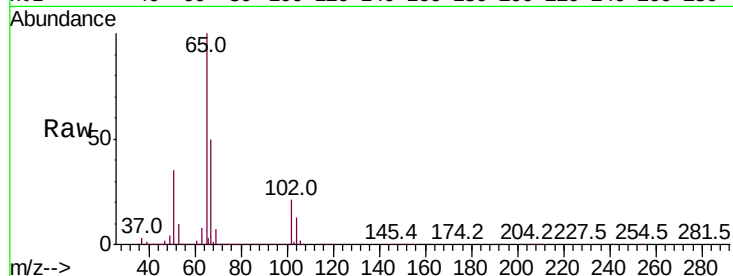
VX0827WBSD01

Tot Ion: 65 Resp: 452473

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

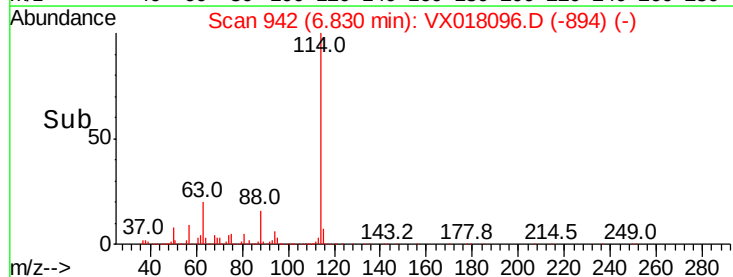
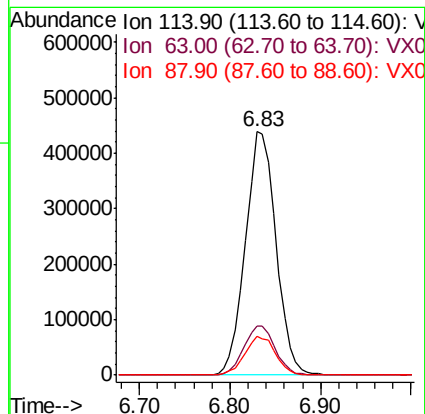
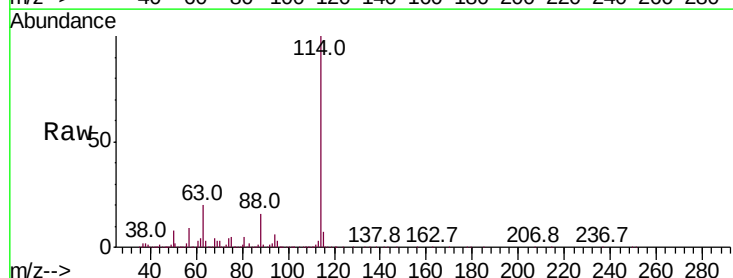
Tgt Ion: 114 Resp: 1028148

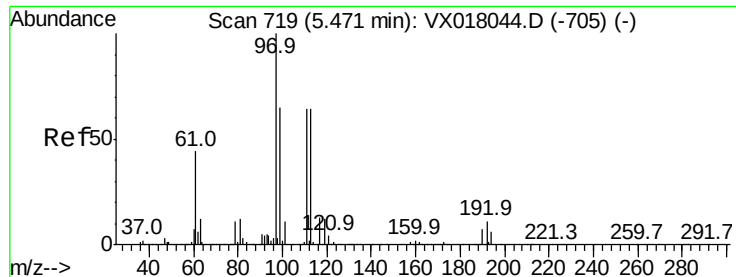
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.9 0.0 31.8

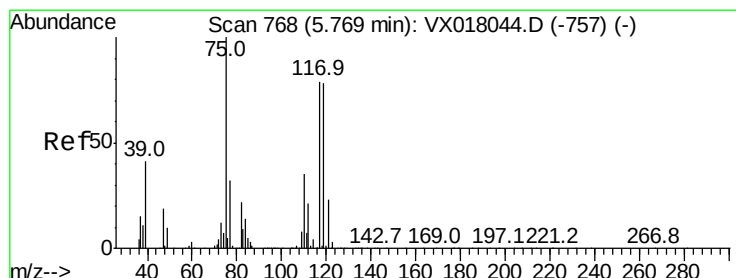
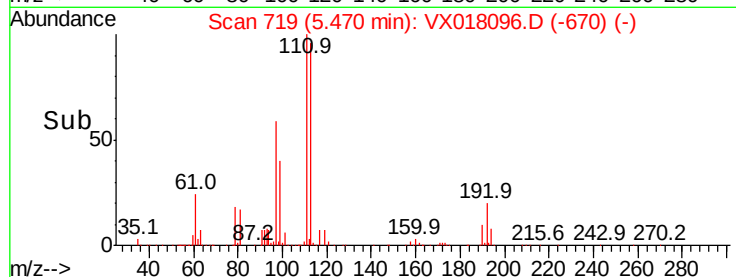
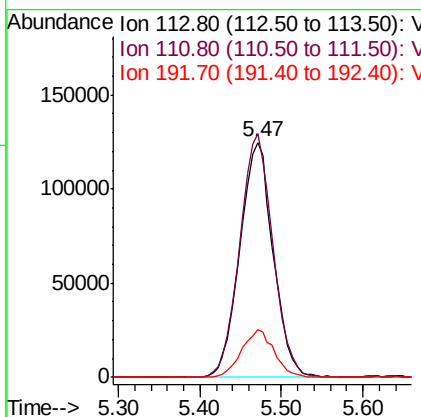
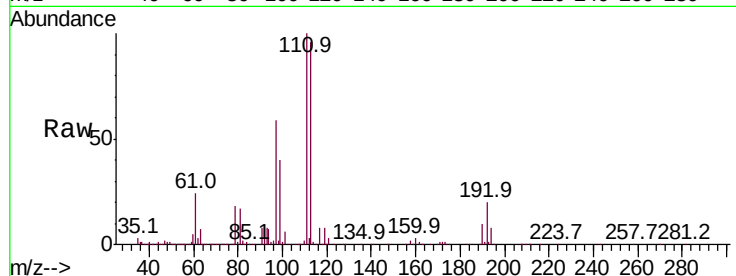




#35
 Dibromofluoromethane
 Concen: 50.530 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

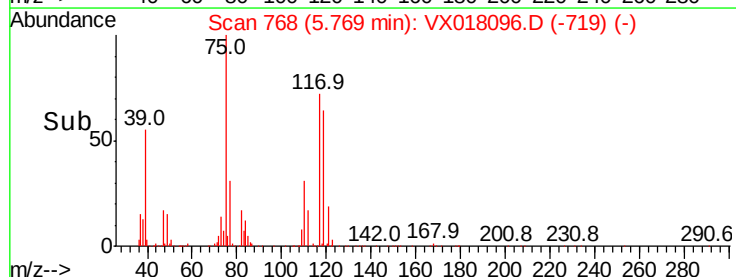
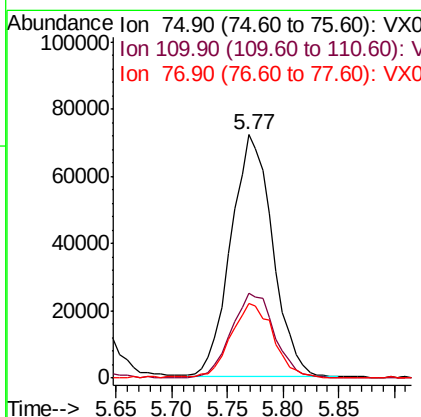
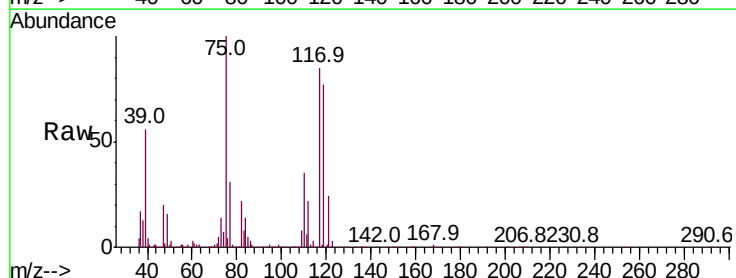
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

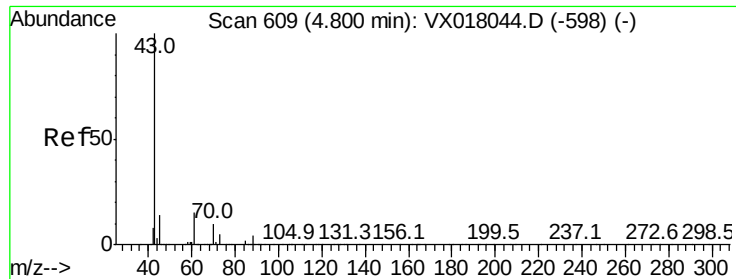
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	20.0	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 19.805 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.0	54.0
77	30.8	24.4	36.6

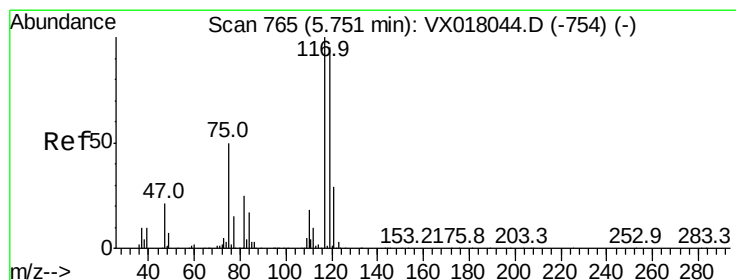
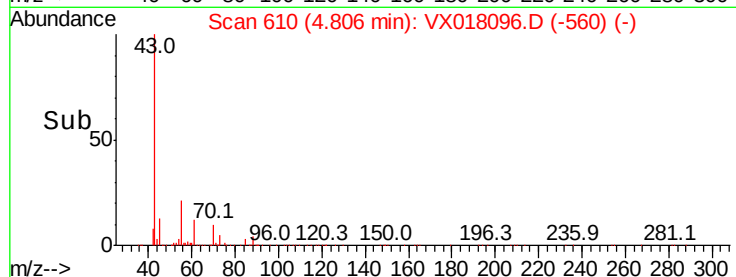
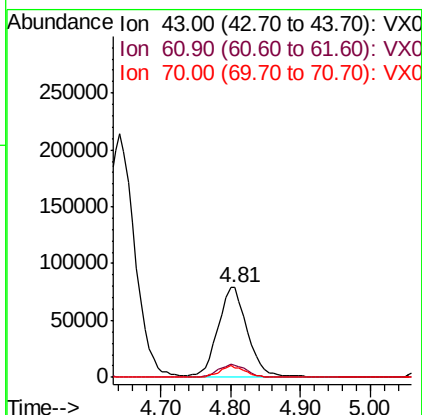
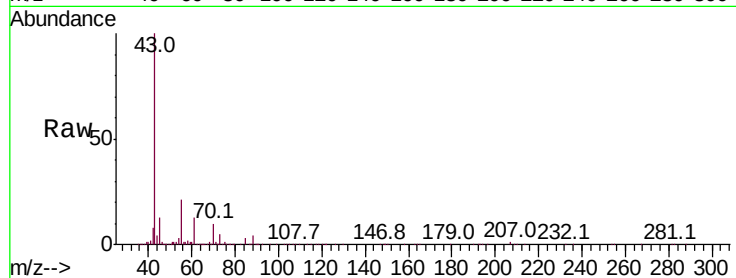




#37
Ethyl Acetate
Concen: 20.855 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

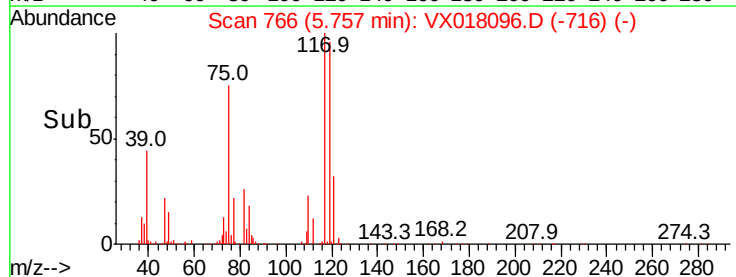
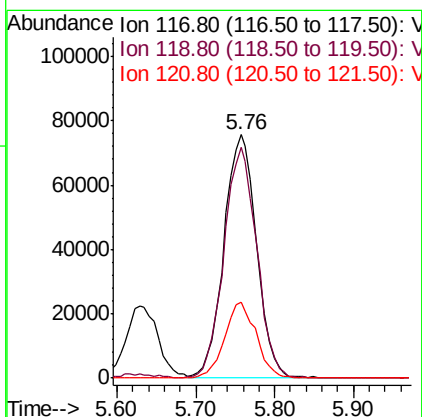
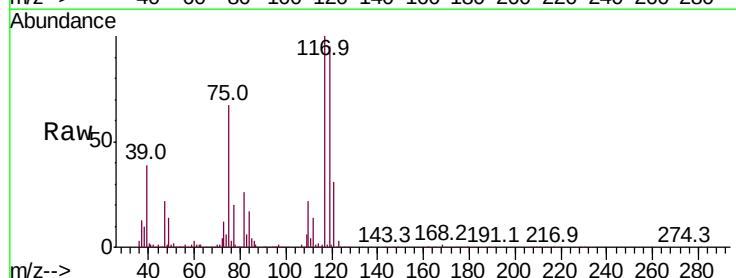
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

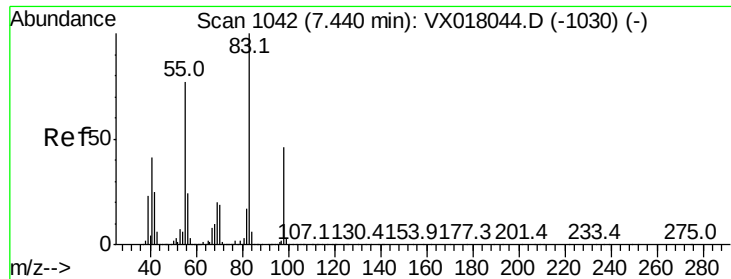
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	11.5	8.2	12.4



#38
Carbon Tetrachloride
Concen: 20.268 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.6
121	31.4	23.4	35.0

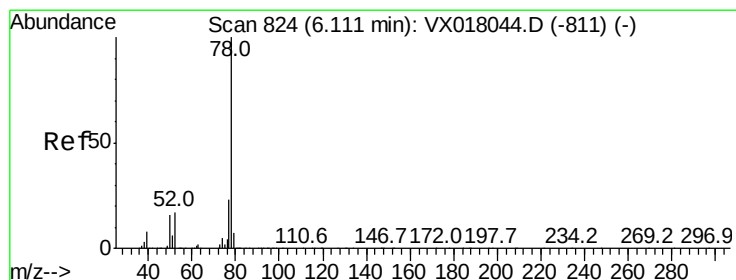
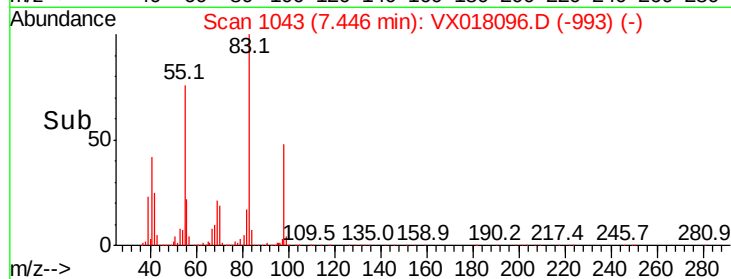
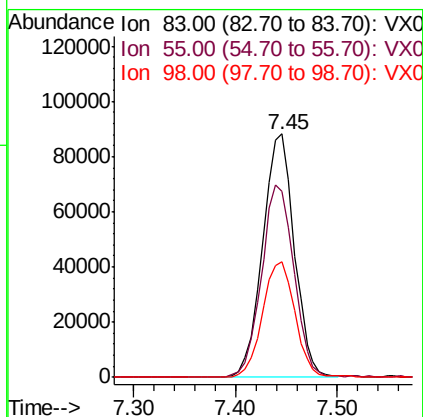
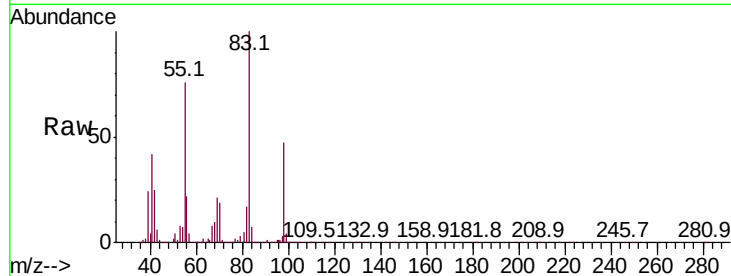




#39
Methylvlcyclohexane
Concen: 18.337 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

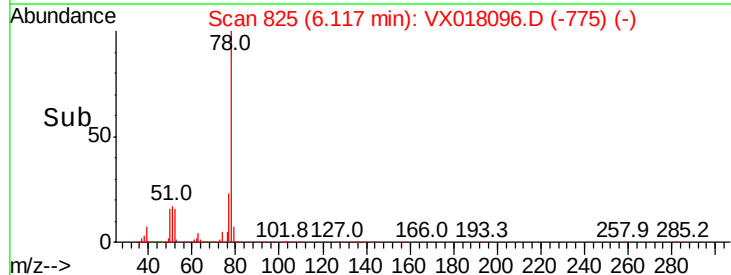
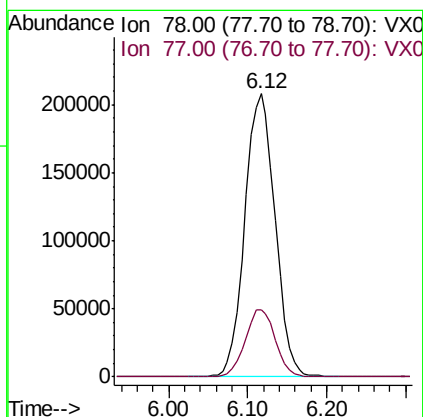
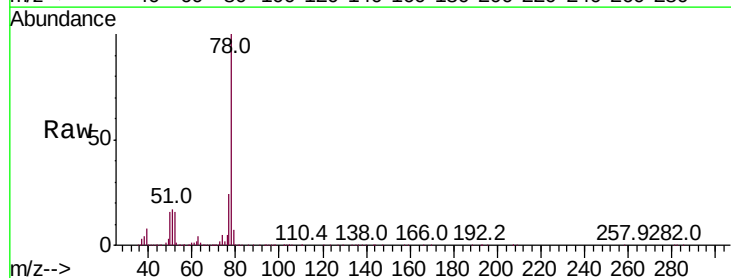
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

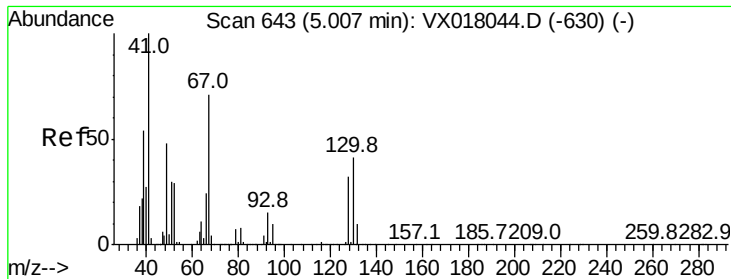
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.8	92.6
98	47.5	36.6	55.0



#40
Benzene
Concen: 19.886 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.2

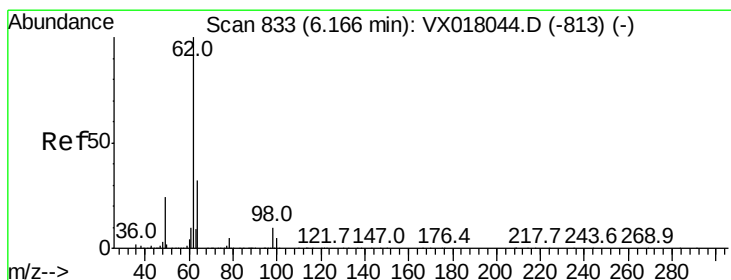
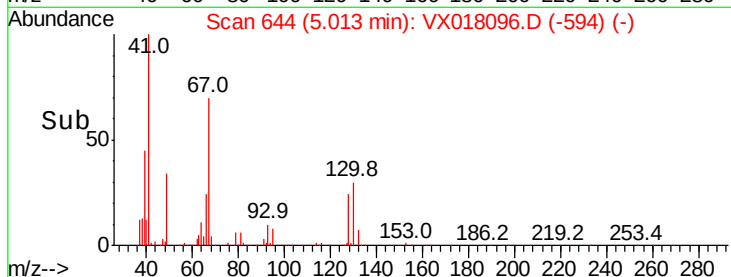
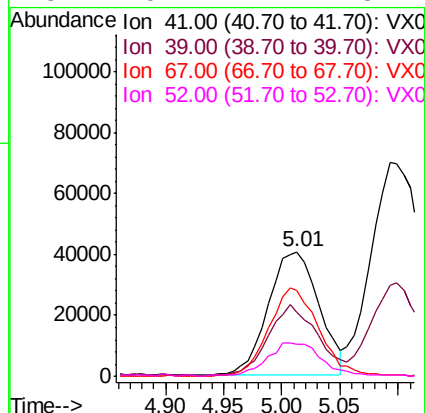
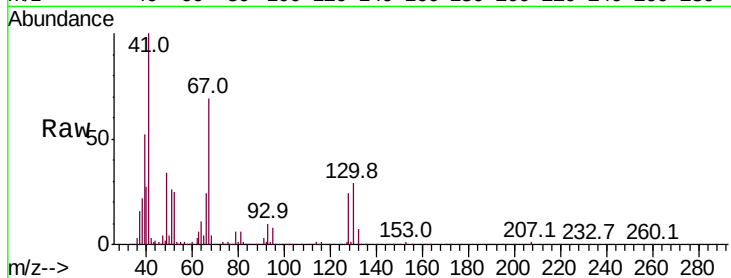




#41
Methacrylonitrile
Concen: 20.312 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

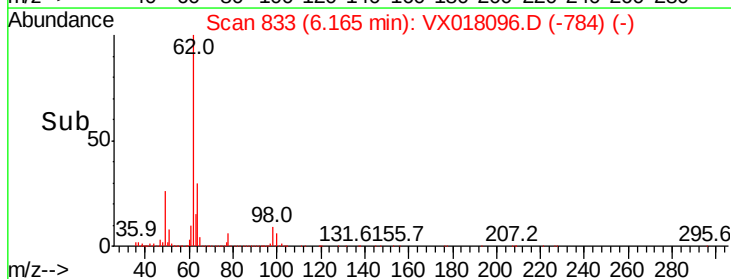
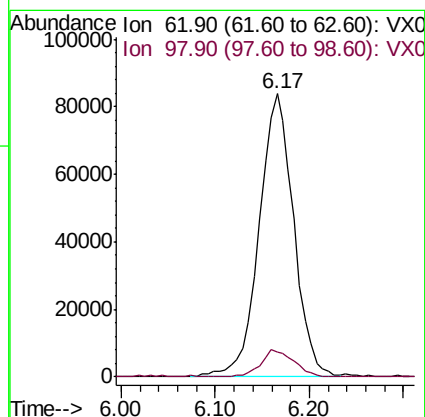
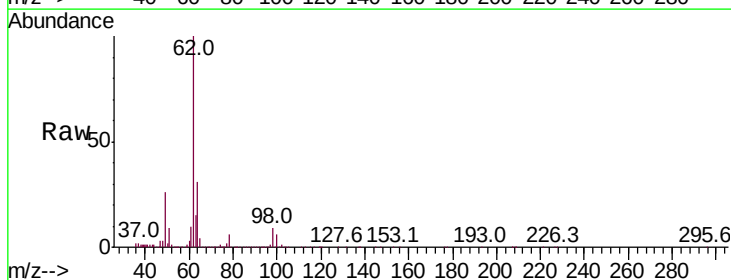
Instrument :
MSVOA_X
ClientSampleID :
VX0827WBSD01

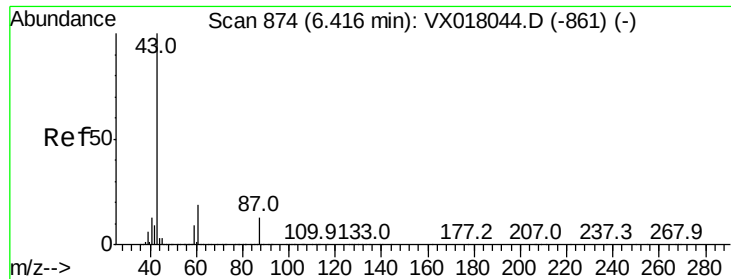
Tot Ion:	41	Resp:	122837
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.1	64.7
67	70.8	56.0	84.0
52	29.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.947 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion:	62	Resp:	212953
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.325 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

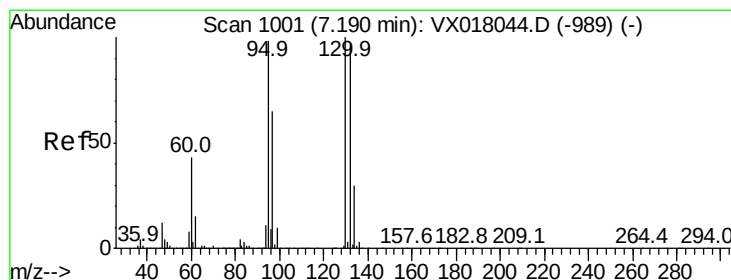
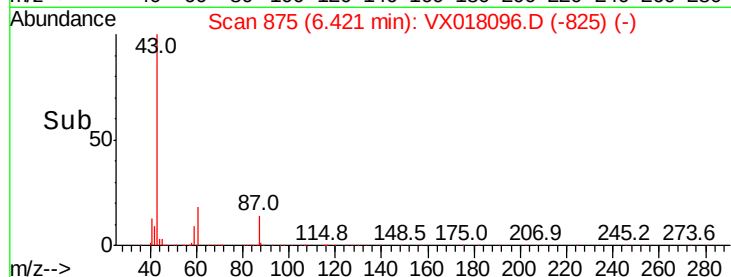
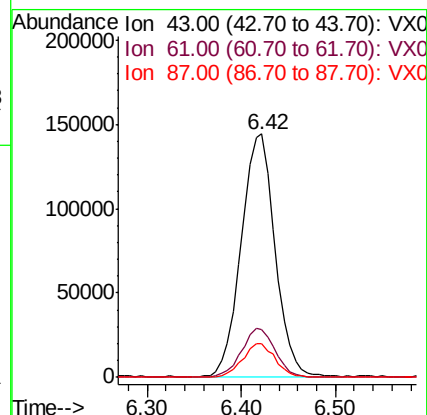
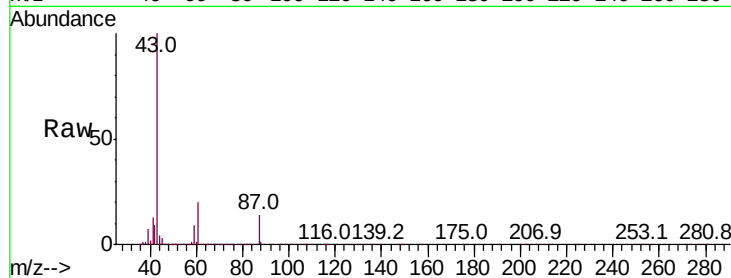
Tot Ion: 43 Resp: 361566

Ion Ratio Lower Upper

43 100

61 19.9 15.7 23.5

87 13.7 10.3 15.5



#44

Trichloroethene

Concen: 20.091 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018096.D

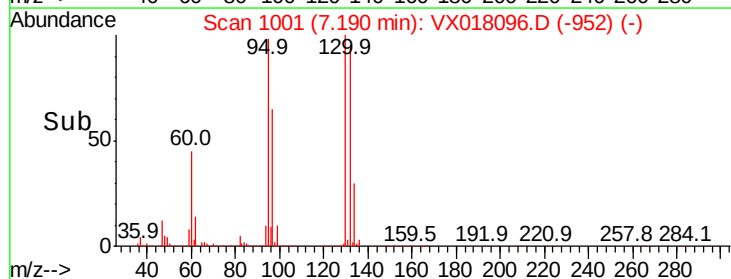
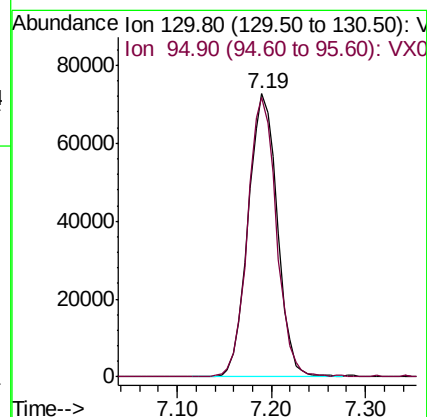
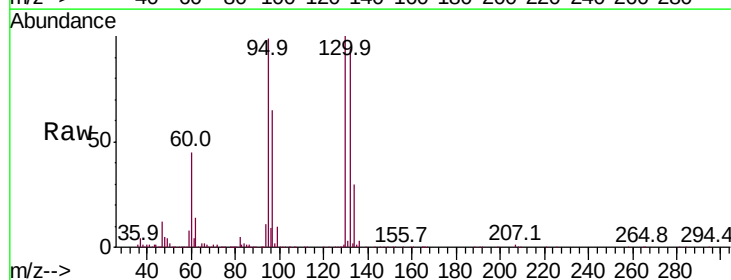
Acq: 27 Aug 2020 17:03

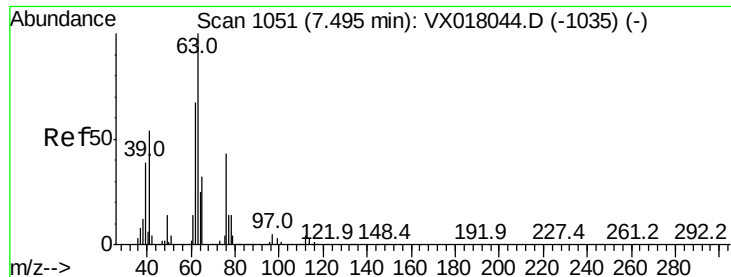
Tgt Ion: 130 Resp: 158183

Ion Ratio Lower Upper

130 100

95 98.5 0.0 196.4





#45

1,2-Dichloropropane

Concen: 20.282 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

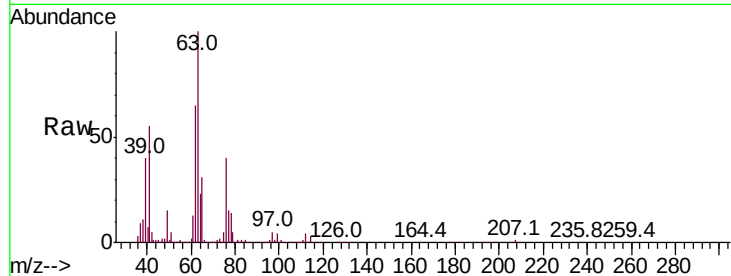
VX0827WBSD01

Tot Ion: 63 Resp: 152318

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

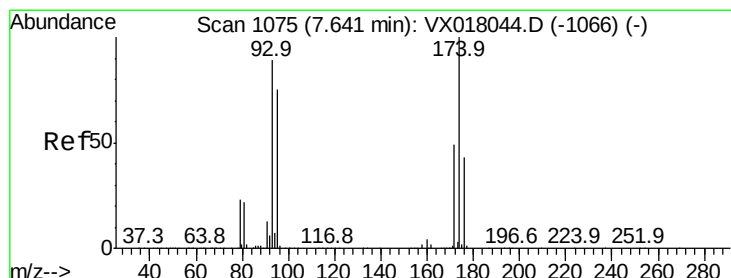
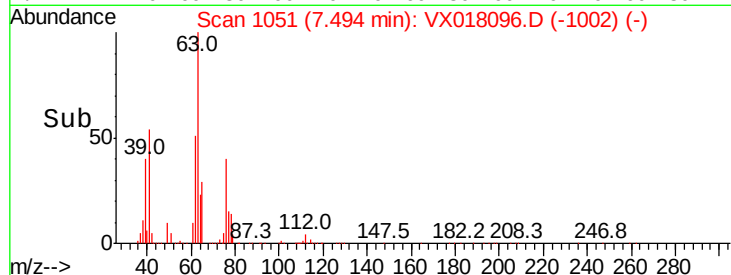
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.908 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

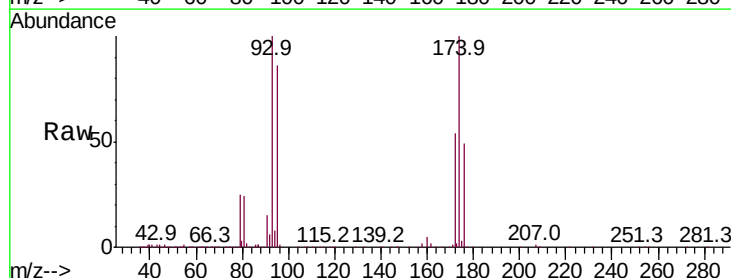
Tgt Ion: 93 Resp: 105139

Ion Ratio Lower Upper

93 100

95 81.8 67.3 100.9

174 102.0 82.2 123.2



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

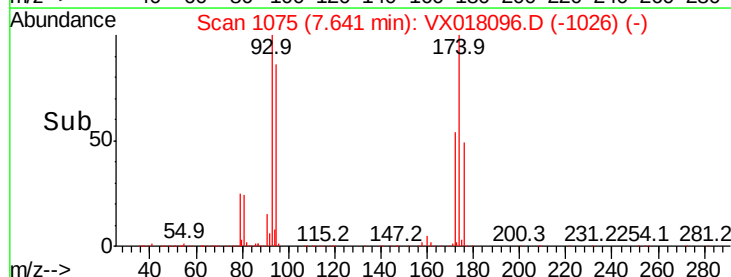
60000

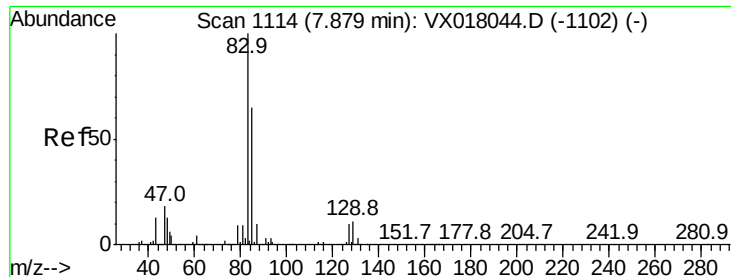
40000

20000

0

Time--> 7.55 7.60 7.65 7.70





#47

Bromodichloromethane

Concen: 20.229 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

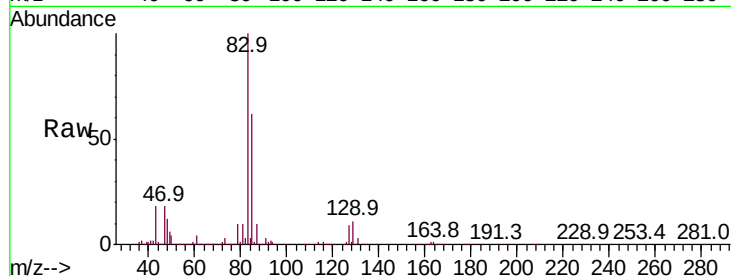
Tot Ion: 83 Resp: 213316

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.6

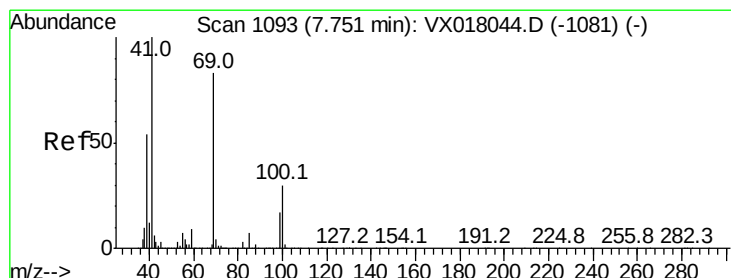
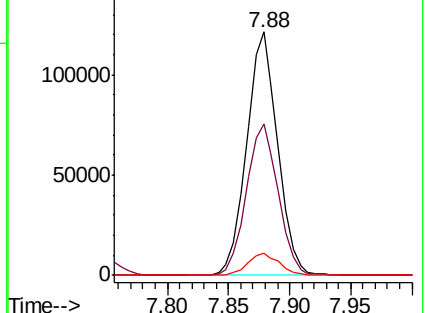
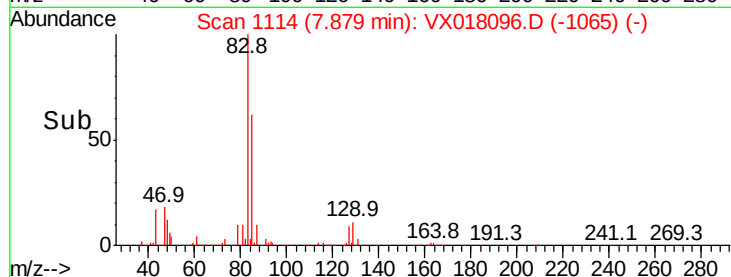
127 9.2 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.536 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

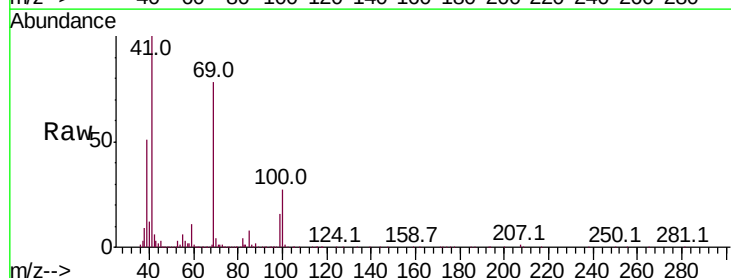
Tgt Ion: 41 Resp: 181863

Ion Ratio Lower Upper

41 100

69 80.0 65.5 98.3

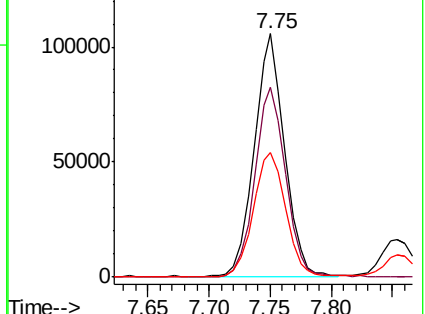
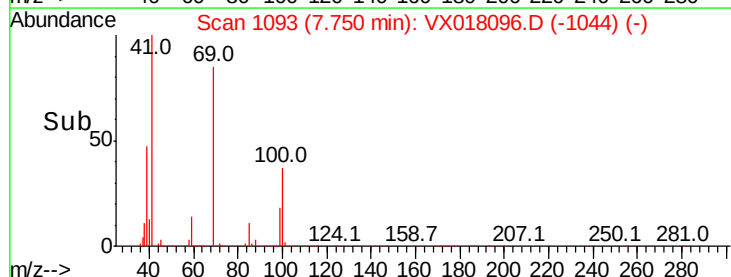
39 55.1 44.5 66.7

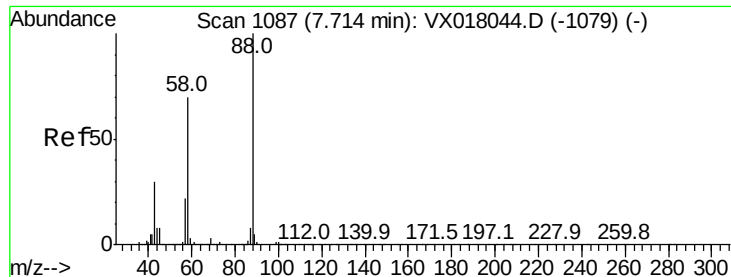


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 376.533 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

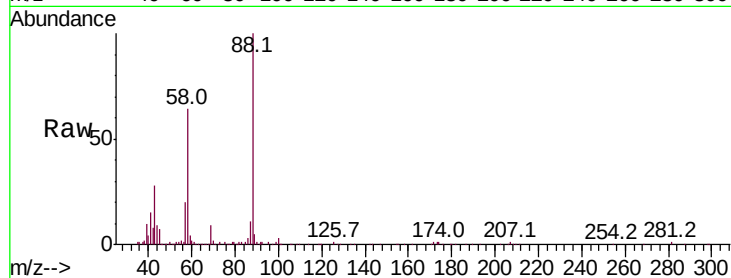
MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 88 Resp: 60402

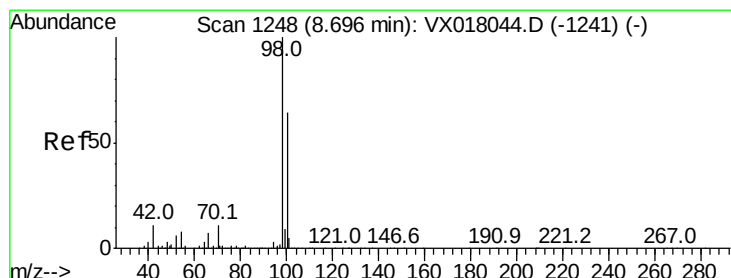
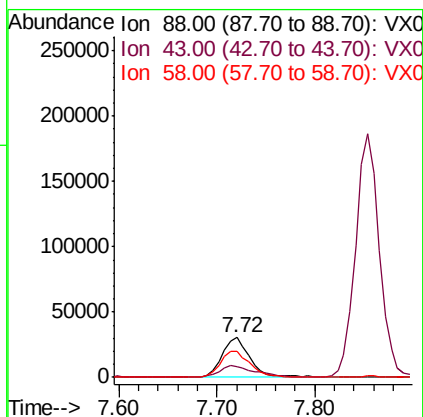
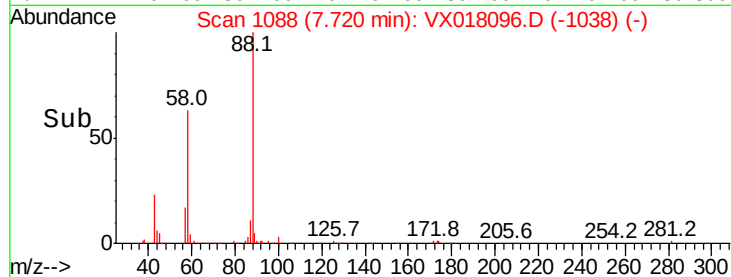
Ion	Ratio	Lower	Upper
88	100		
43	38.9	27.4	41.0
58	71.3	56.4	84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.053 ug/l

RT: 8.70 min Scan# 1248

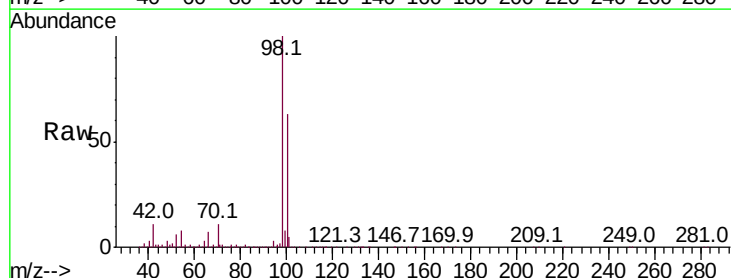
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

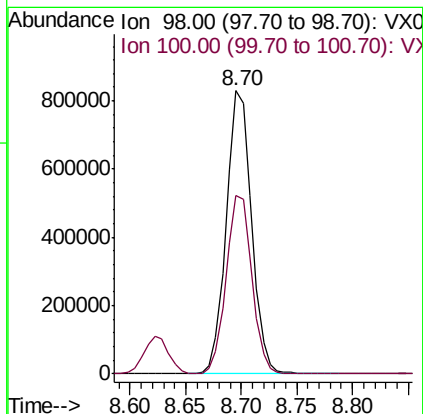
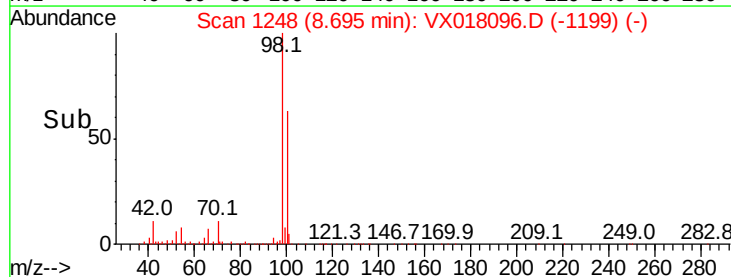
Tgt Ion: 98 Resp: 1305389

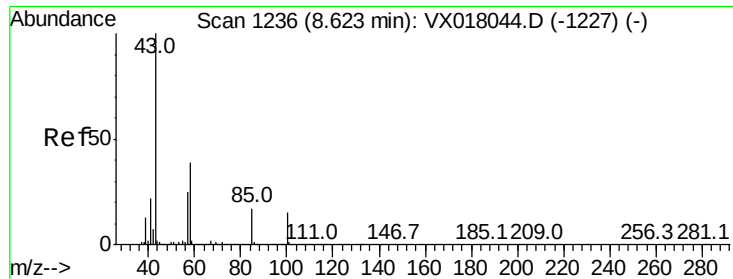
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

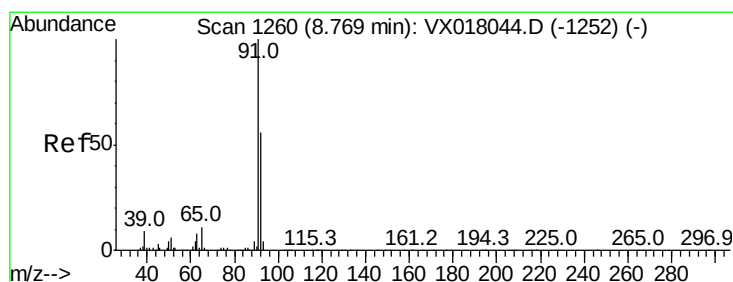
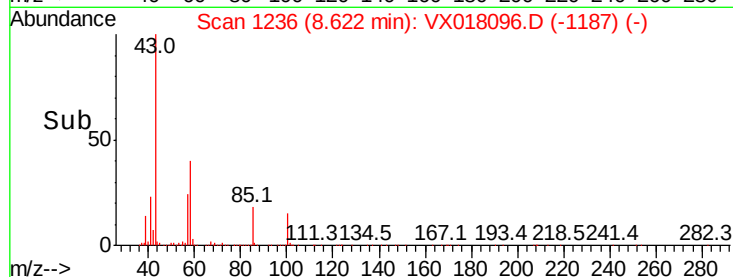
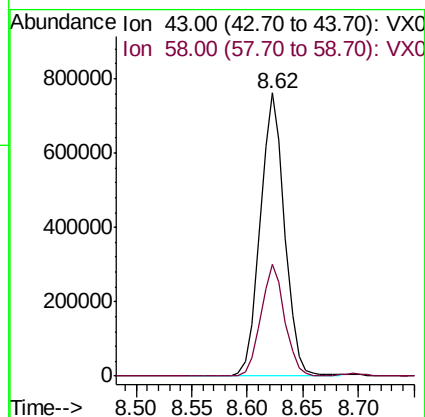
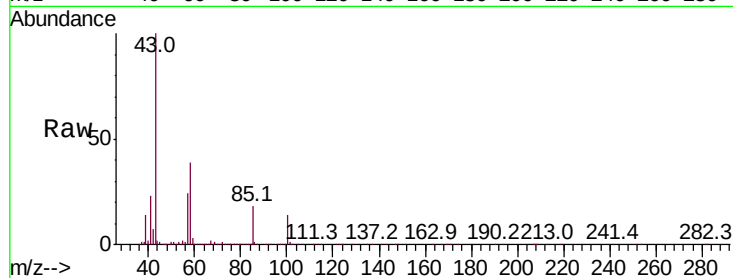




#51
 4-Methyl-2-Pentanone
 Concen: 105.836 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

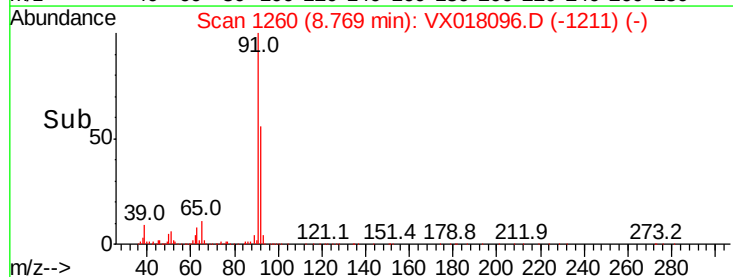
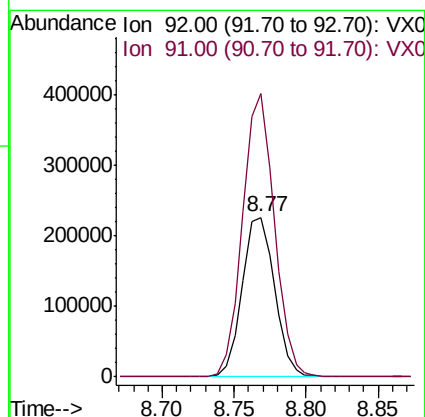
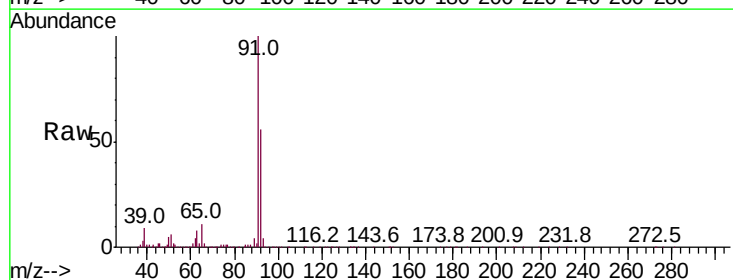
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0827WBSD01

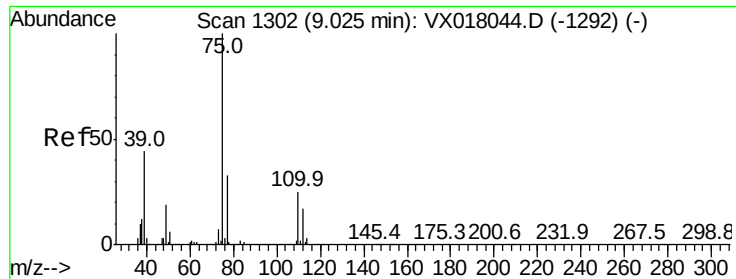
Tot Ion: 43 Resp: 1163013
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.7 46.1



#52
 Toluene
 Concen: 20.085 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion: 92 Resp: 354879
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 20.464 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

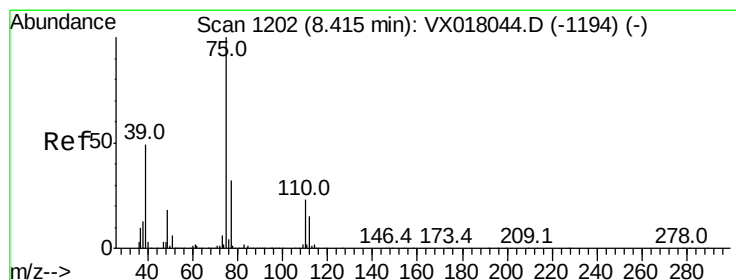
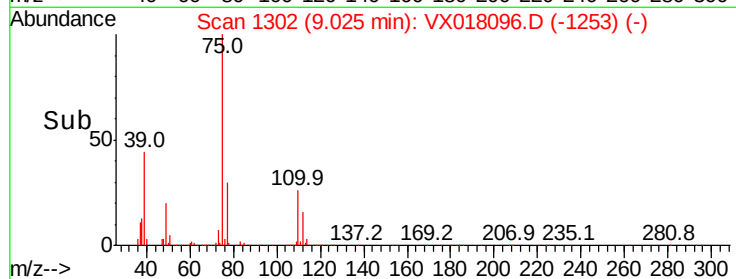
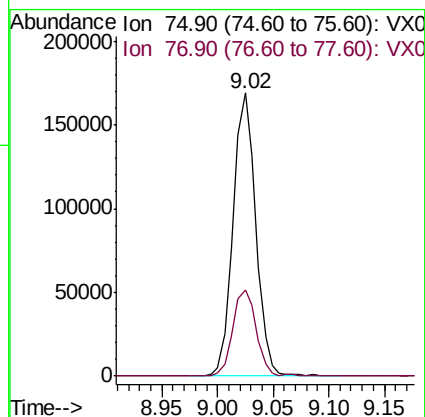
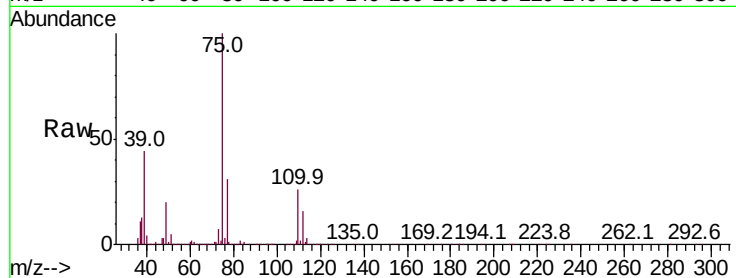
VX0827WBSD01

Tot Ion: 75 Resp: 239159

Ion Ratio Lower Upper

75 100

77 30.4 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 20.204 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

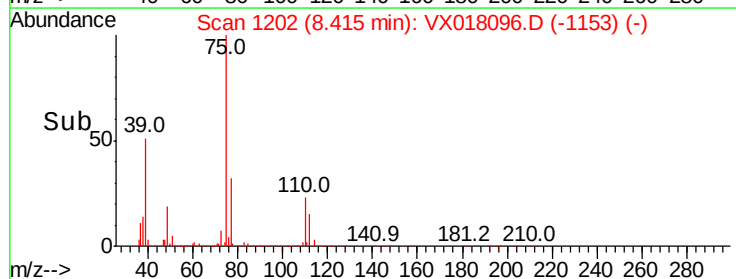
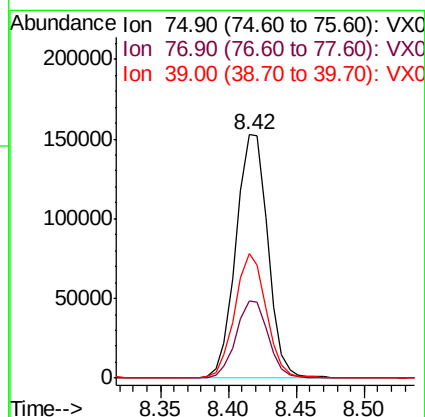
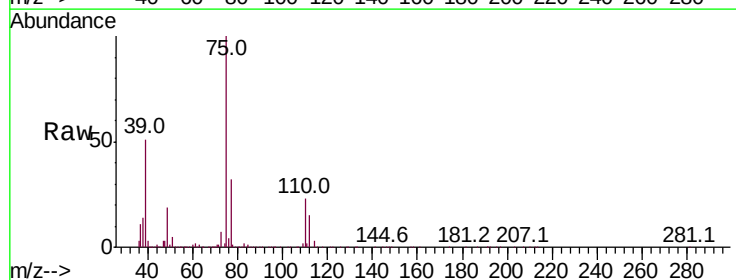
Tgt Ion: 75 Resp: 250135

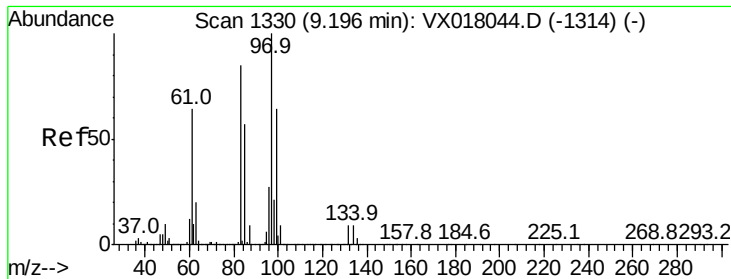
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 50.9 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 20.324 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 97 Resp: 153158

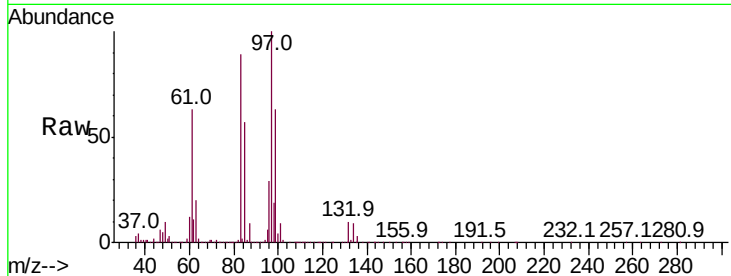
Ion Ratio Lower Upper

97 100

83 88.8 67.8 101.6

85 57.3 45.3 67.9

99 62.6 50.9 76.3

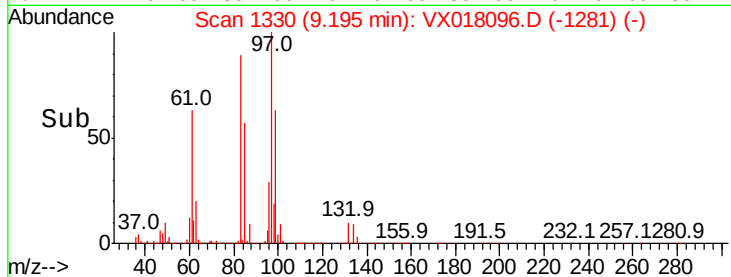


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

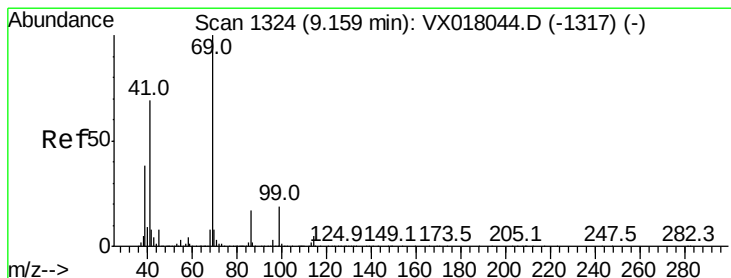
Ion 98.90 (98.60 to 99.60): VX0

Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.113 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

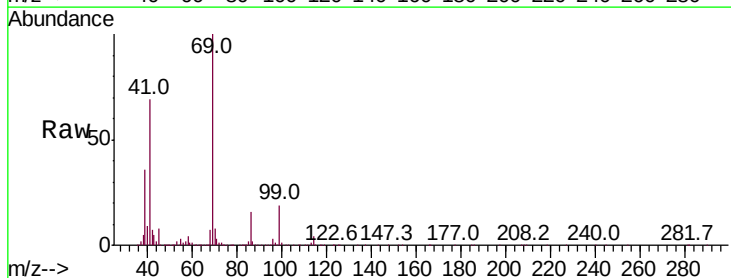
Tgt Ion: 69 Resp: 225318

Ion Ratio Lower Upper

69 100

41 67.5 54.6 81.8

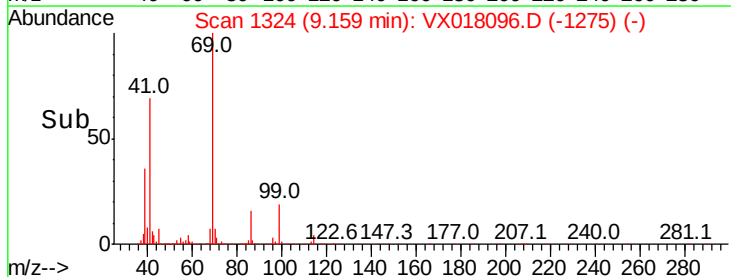
39 35.4 29.1 43.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Abundance Ion 69.00 (68.70 to 69.70): VX0

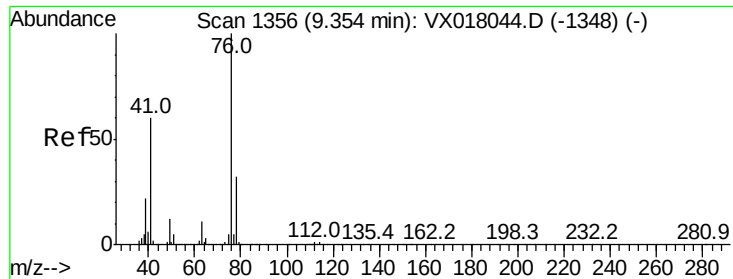
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 20.020 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

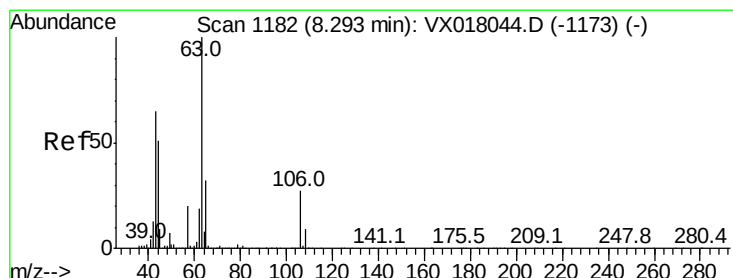
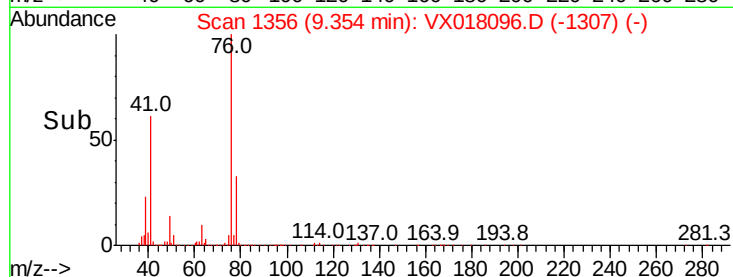
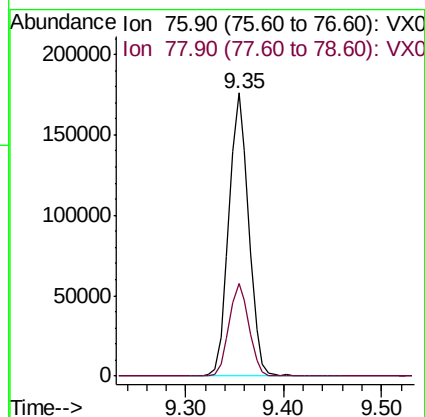
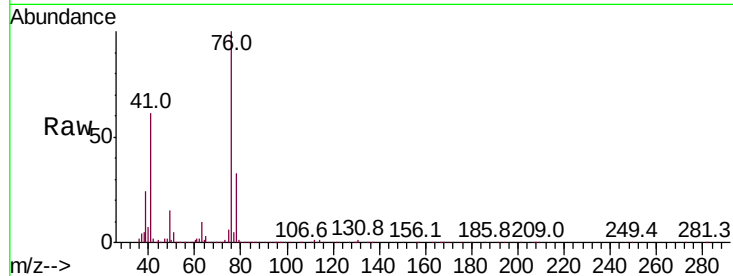
VX0827WBSD01

Tot Ion: 76 Resp: 248826

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.782 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018096.D

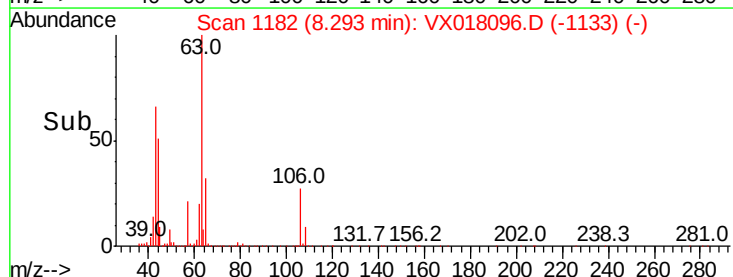
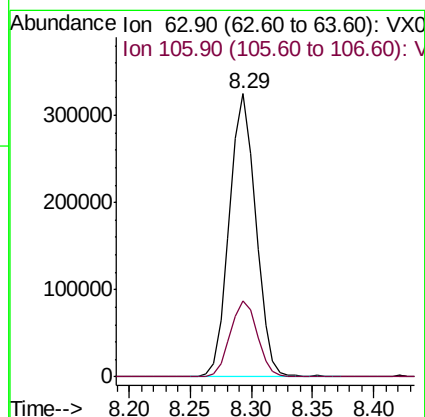
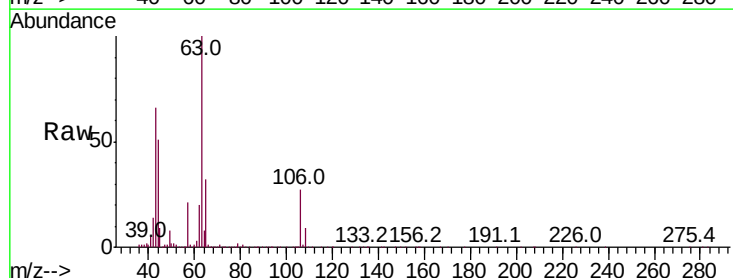
Acq: 27 Aug 2020 17:03

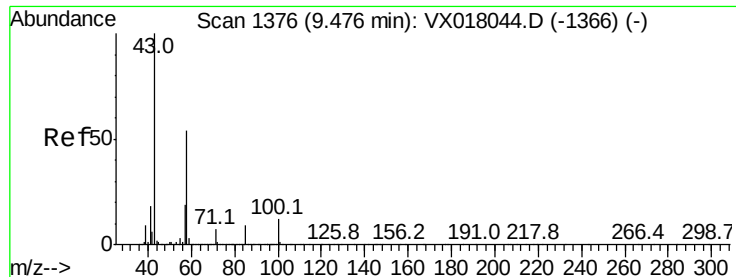
Tgt Ion: 63 Resp: 487731

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

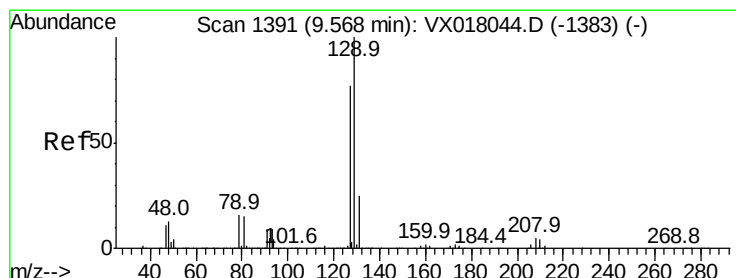
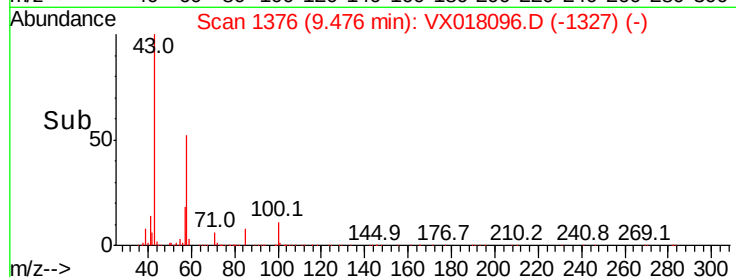
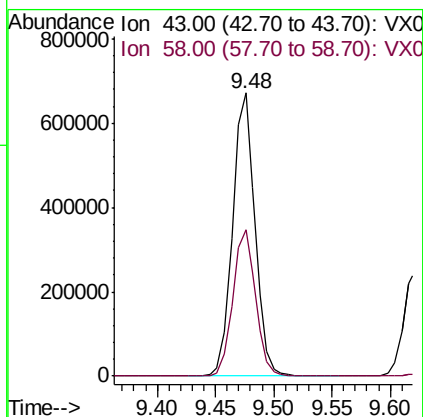
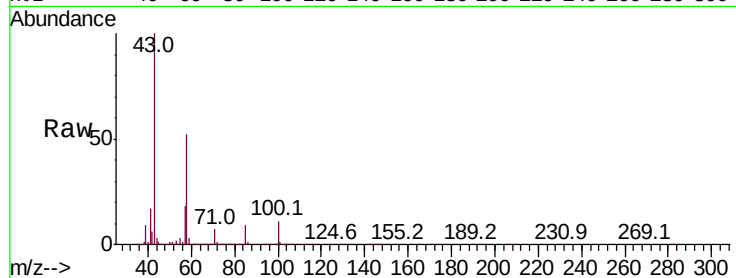




#59
2-Hexanone
Concen: 107.603 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

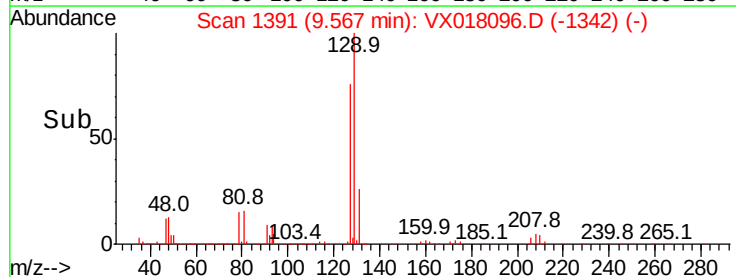
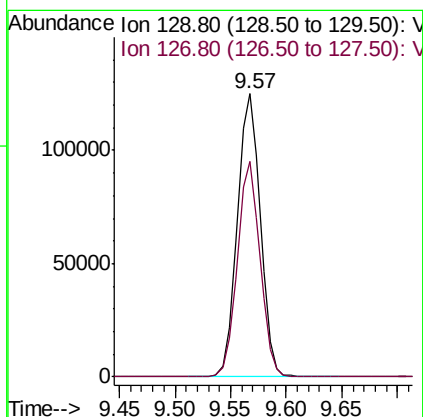
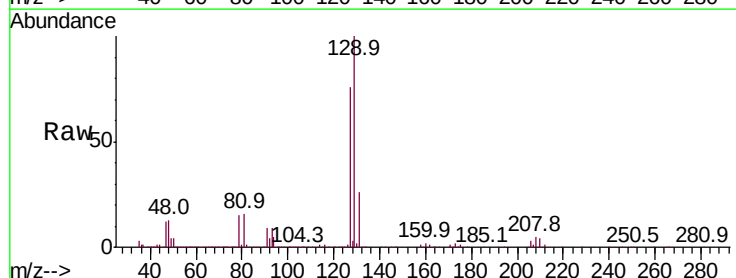
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

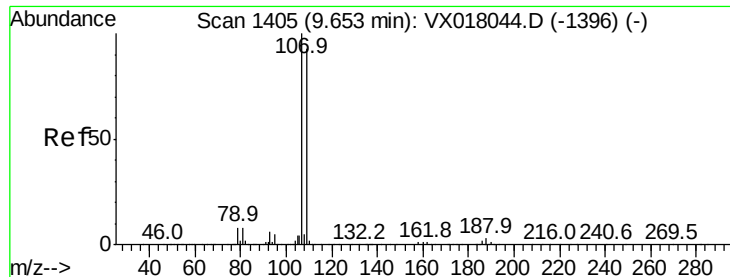
Tot Ion: 43 Resp: 899107
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7



#60
Dibromochloromethane
Concen: 20.222 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion: 129 Resp: 178767
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.010 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

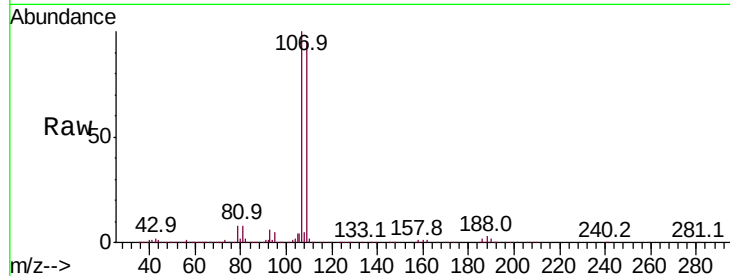
VX0827WBSD01

Tot Ion:107 Resp: 163712

Ion Ratio Lower Upper

107 100

109 94.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

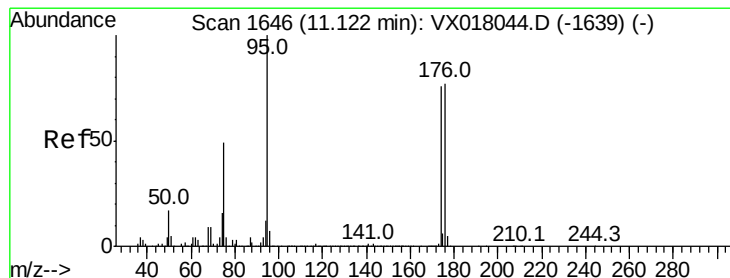
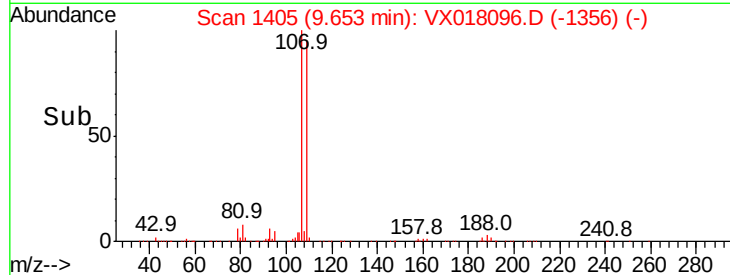
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.399 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

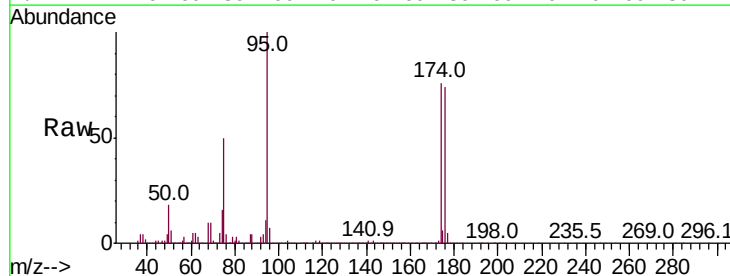
Tgt Ion: 95 Resp: 486358

Ion Ratio Lower Upper

95 100

174 77.2 0.0 160.2

176 76.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

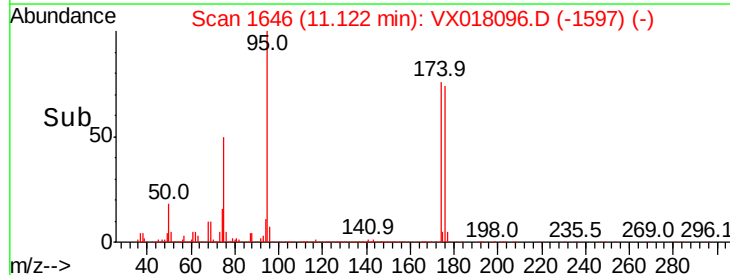
300000

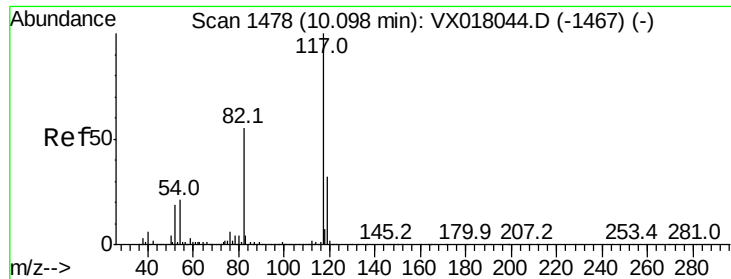
200000

100000

0

Time-->

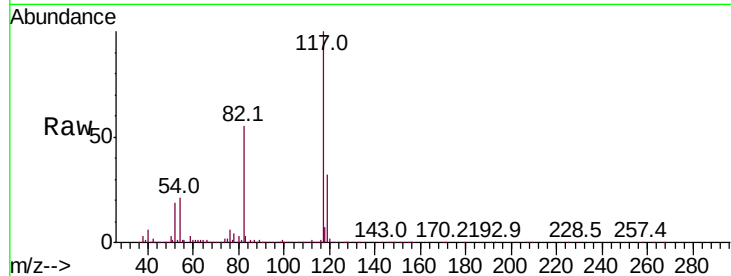




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	31.8	25.7	38.5

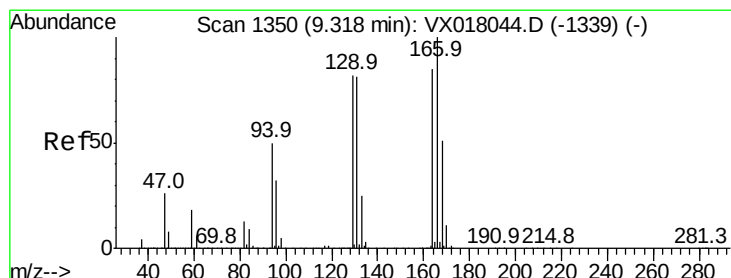
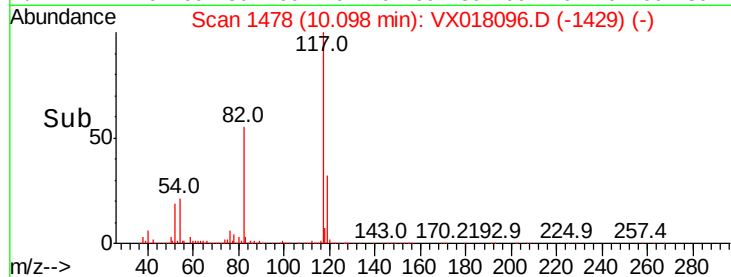
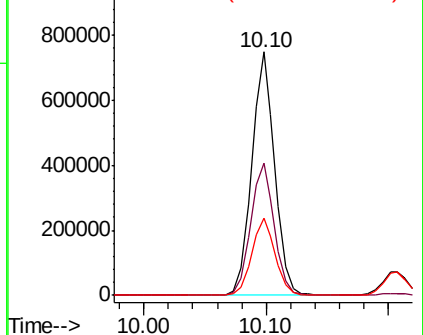


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.518 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.9	94.2	141.2
129	90.2	76.9	115.3
131	85.5	76.1	114.1

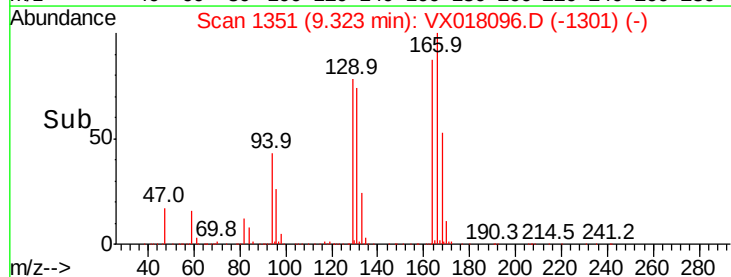
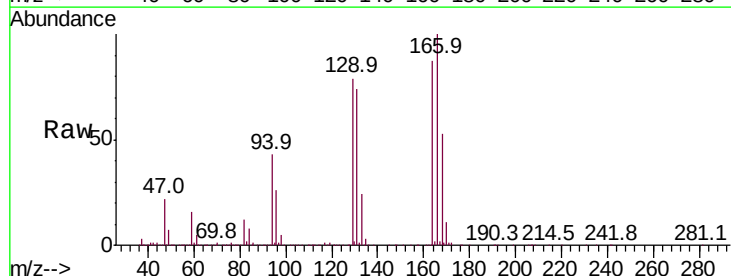
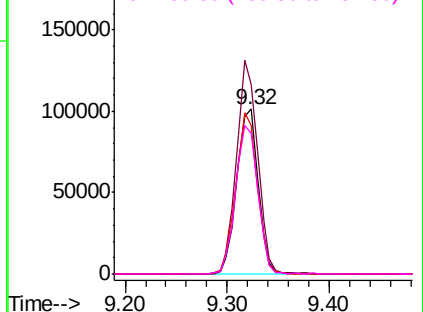
Abundance

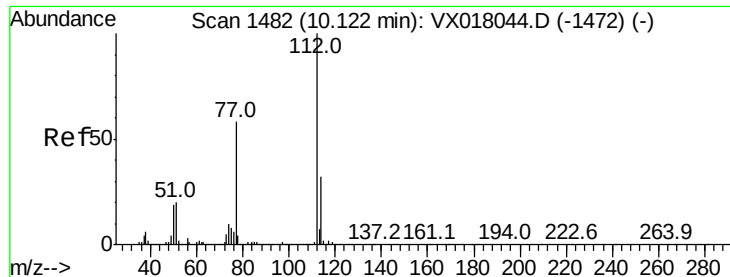
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

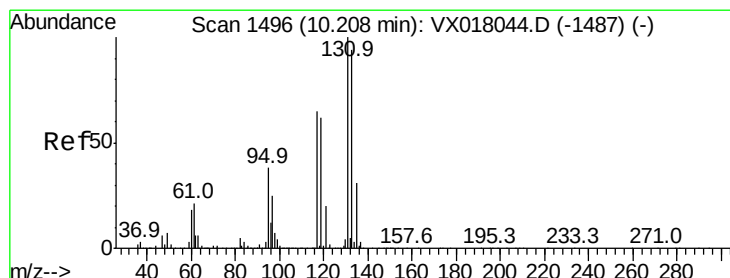
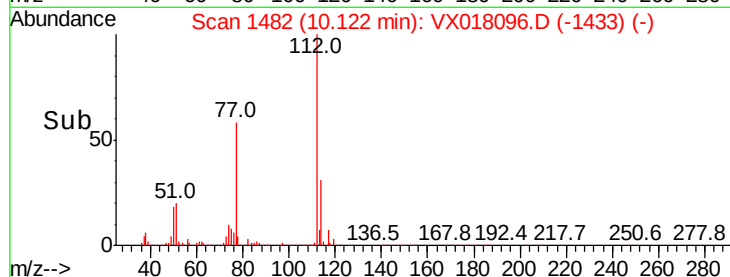
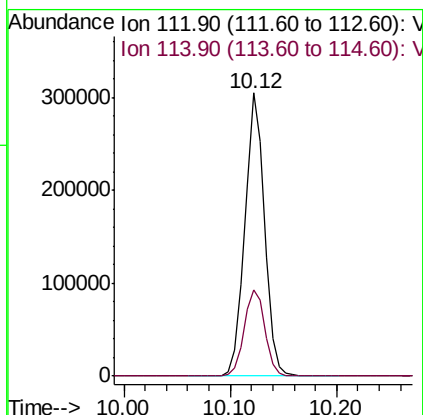
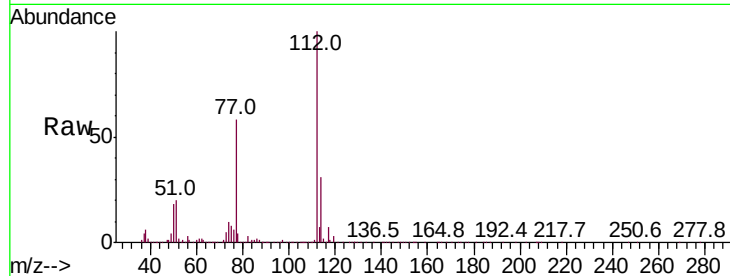




#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

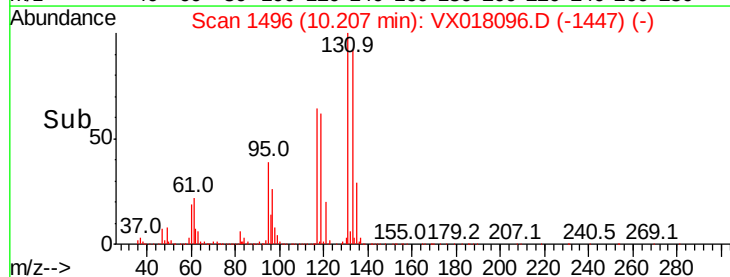
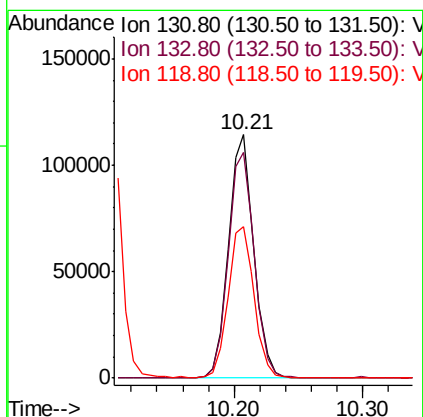
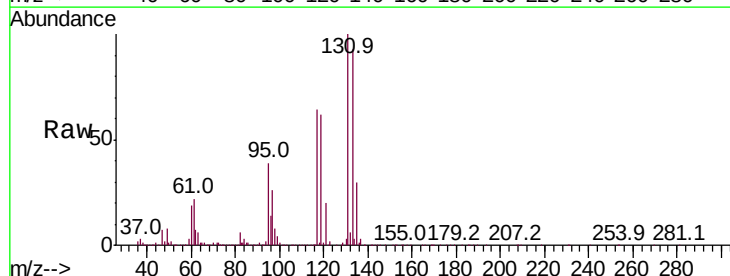
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

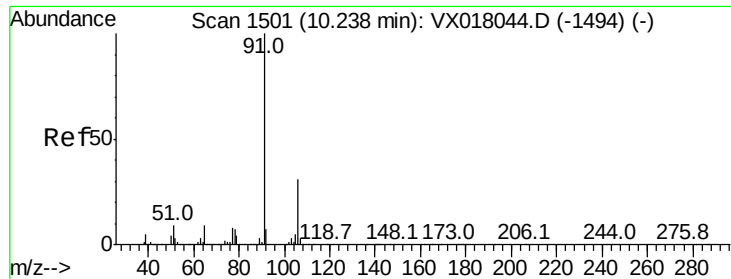
Tot Ion:112 Resp: 395293
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.389 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion:131 Resp: 156356
Ion Ratio Lower Upper
131 100
133 95.7 46.7 140.1
119 63.9 31.8 95.4





#67

Ethyl Benzene

Concen: 20.227 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

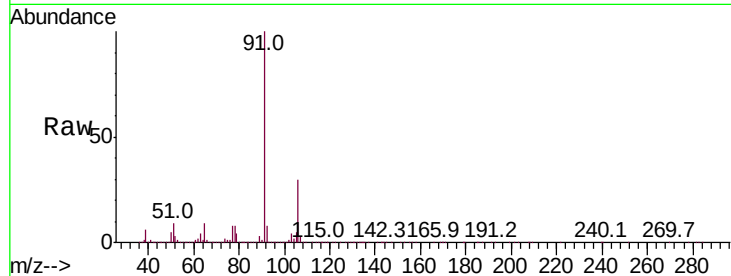
VX0827WBSD01

Tot Ion: 91 Resp: 669305

Ion Ratio Lower Upper

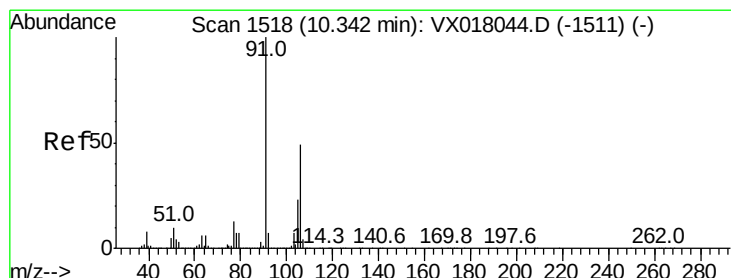
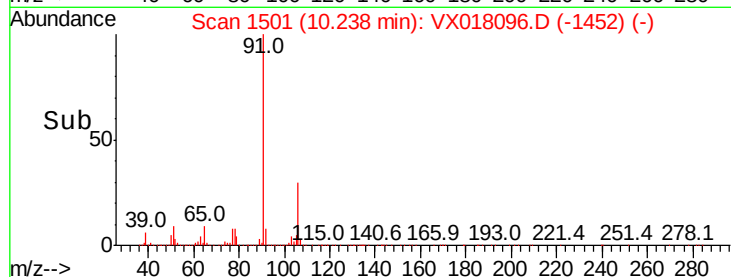
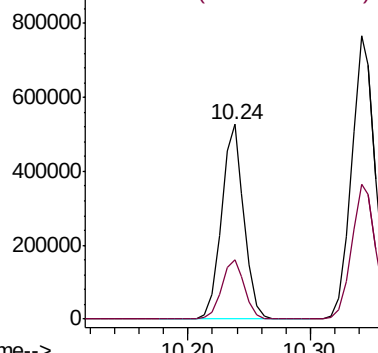
91 100

106 30.4 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.047 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018096.D

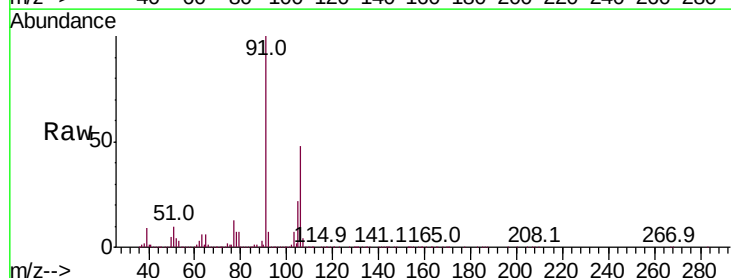
Acq: 27 Aug 2020 17:03

Tgt Ion: 106 Resp: 494590

Ion Ratio Lower Upper

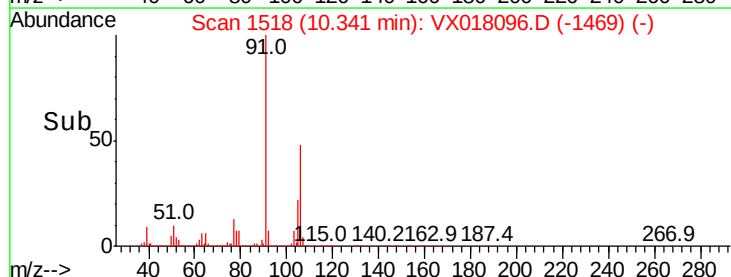
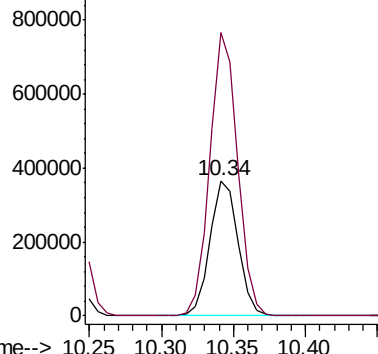
106 100

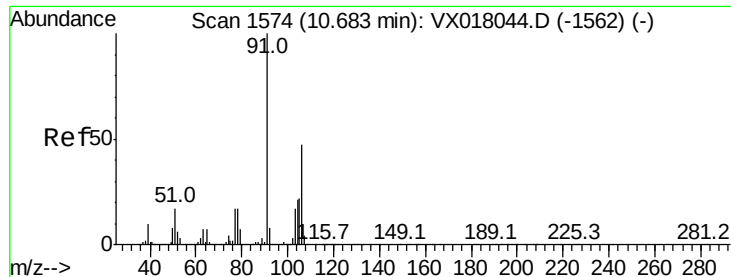
91 207.1 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

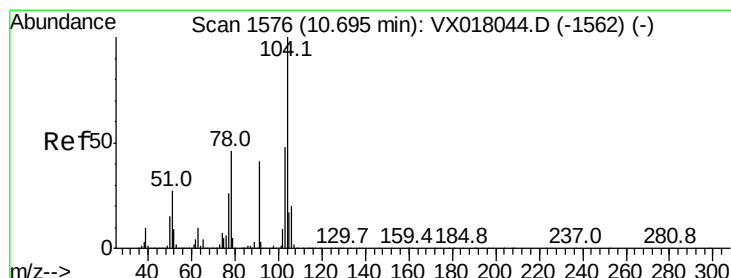
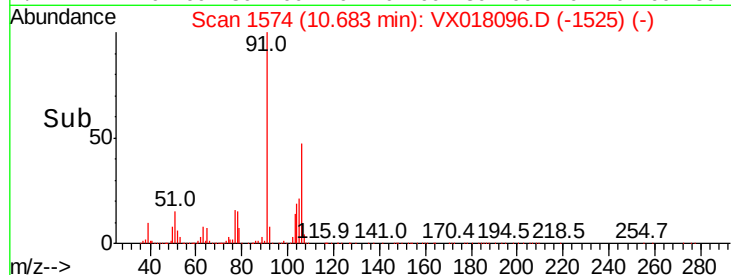
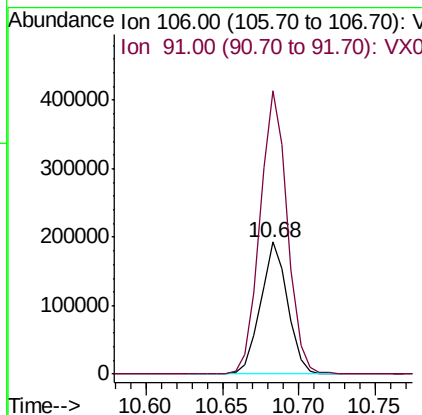
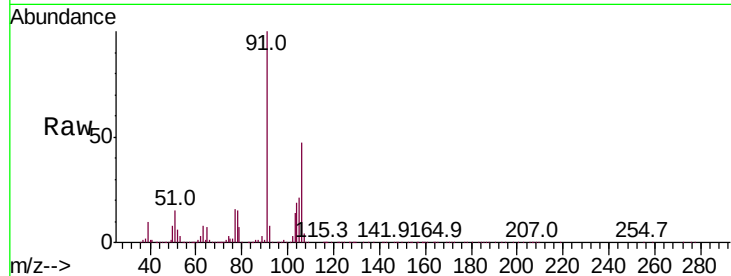




#69
o-Xylene
Concen: 19.933 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

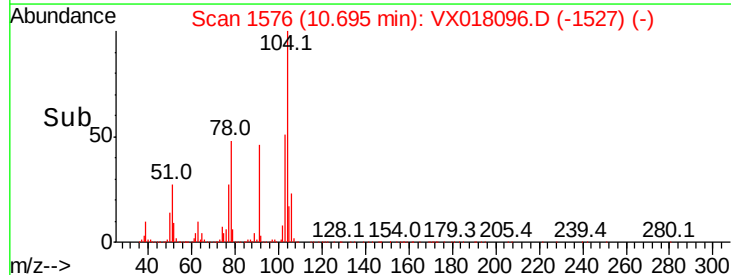
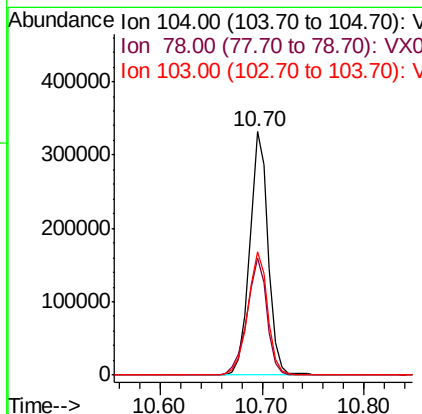
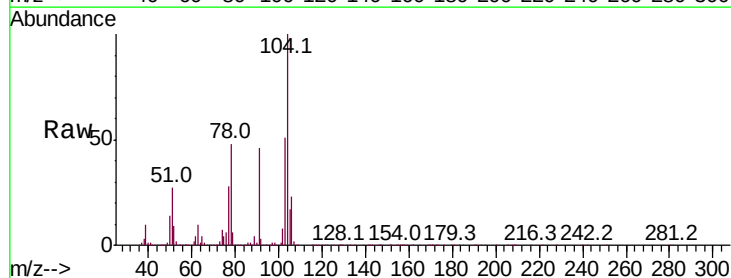
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

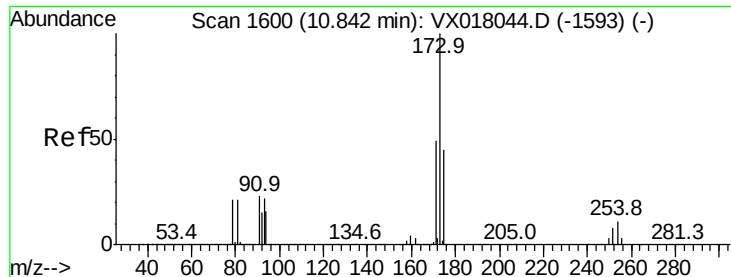
Tot Ion:106 Resp: 238644
Ion Ratio Lower Upper
106 100
91 216.0 107.1 321.3



#70
Styrene
Concen: 20.446 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion:104 Resp: 416877
Ion Ratio Lower Upper
104 100
78 51.7 40.9 61.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 19.701 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

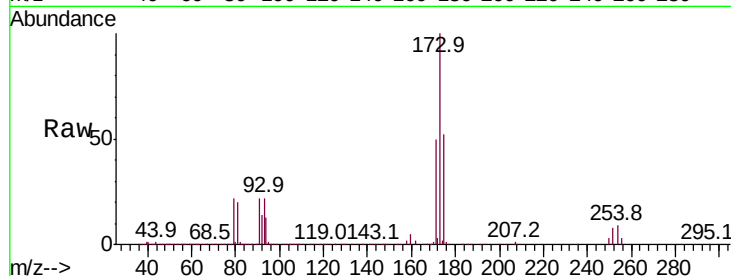
Tot Ion:173 Resp: 128871

Ion Ratio Lower Upper

173 100

175 50.6 23.9 71.8

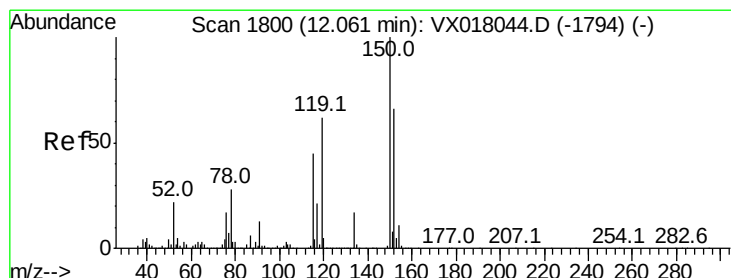
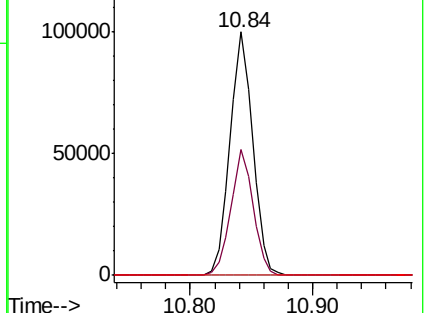
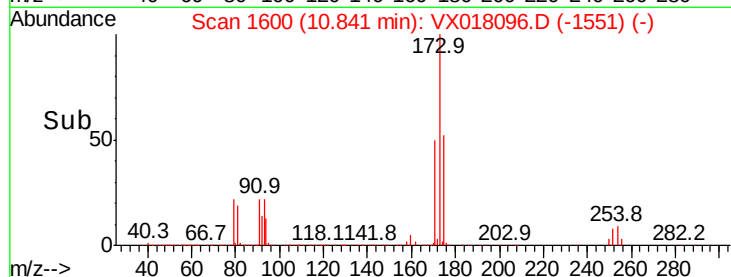
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

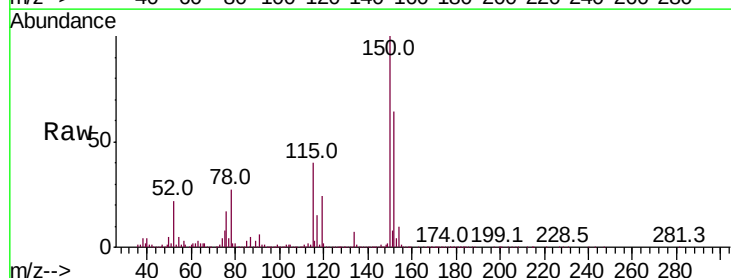
Tgt Ion:152 Resp: 455487

Ion Ratio Lower Upper

152 100

115 68.2 41.5 124.5

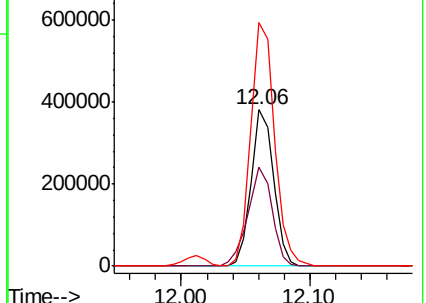
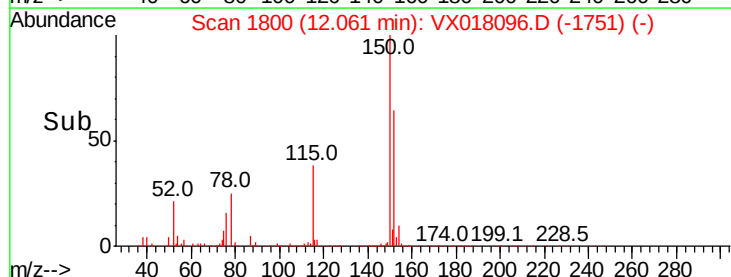
150 164.8 0.0 343.8

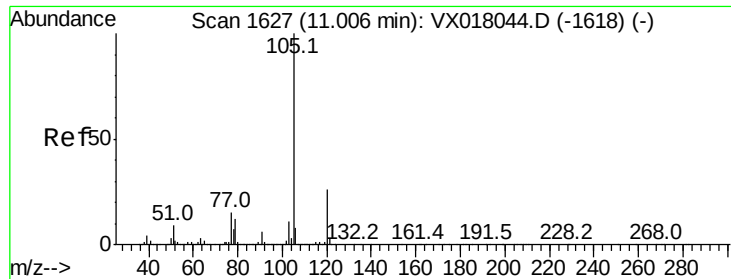


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.104 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

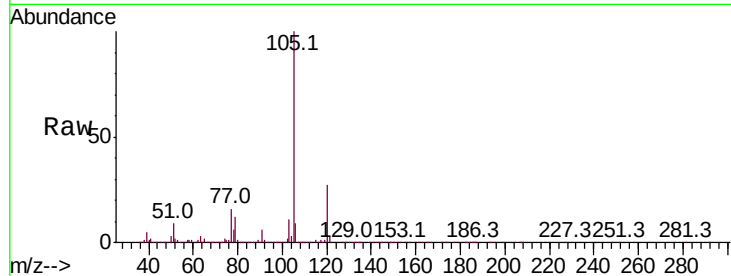
VX0827WBSD01

Tot Ion:105 Resp: 634049

Ion Ratio Lower Upper

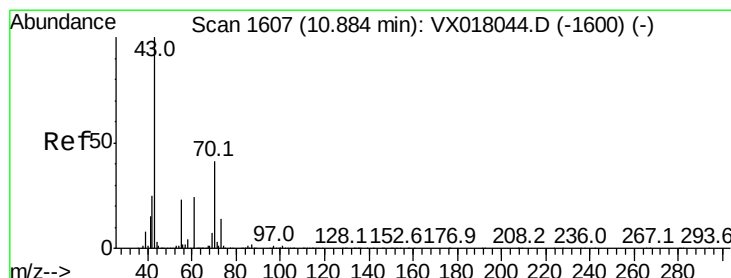
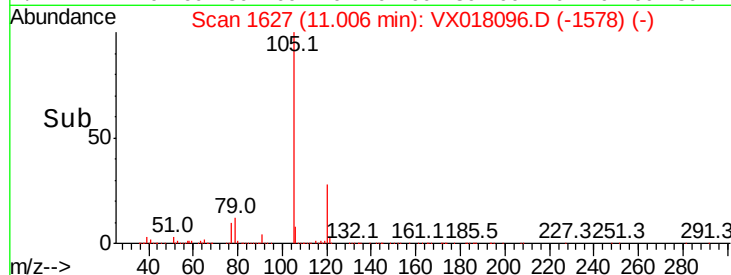
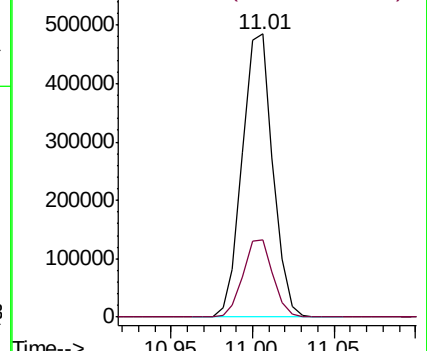
105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.533 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 43 Resp: 321216

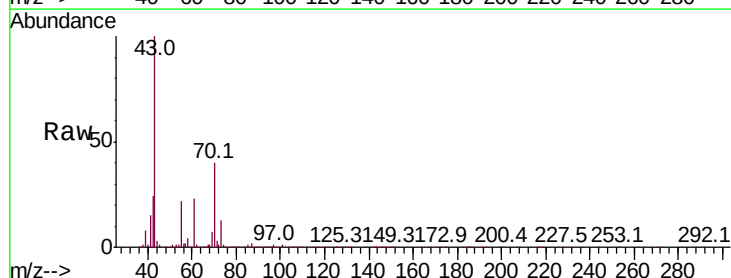
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 22.8 18.2 27.2

61 23.2 18.9 28.3

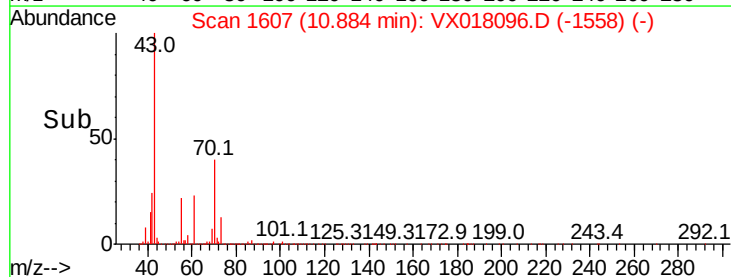
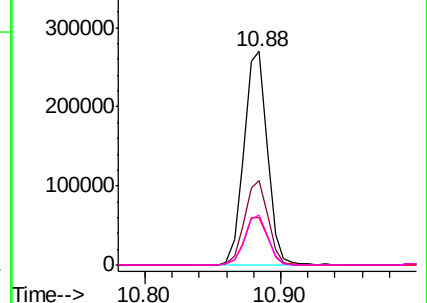


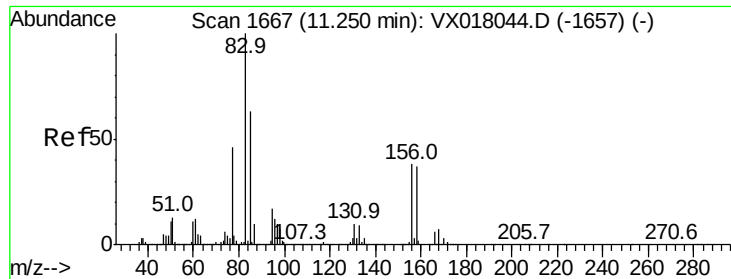
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.300 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

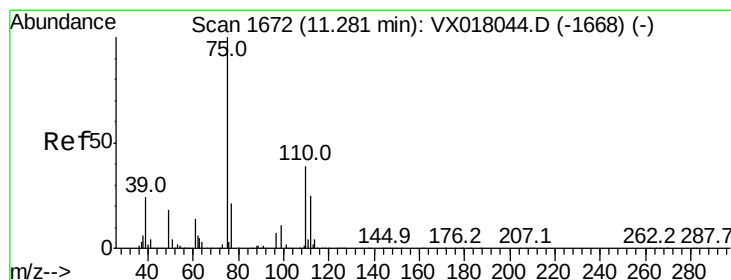
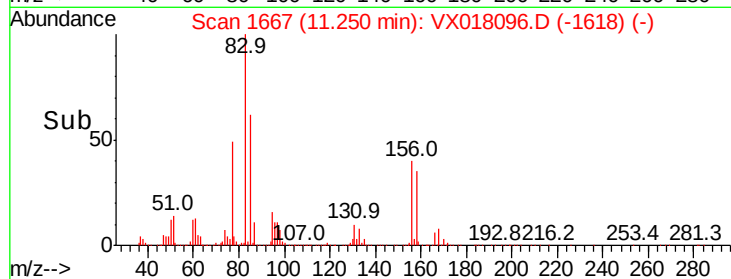
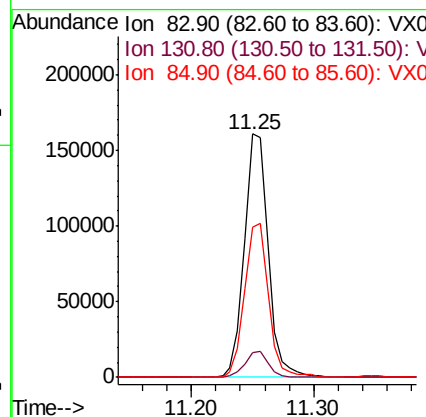
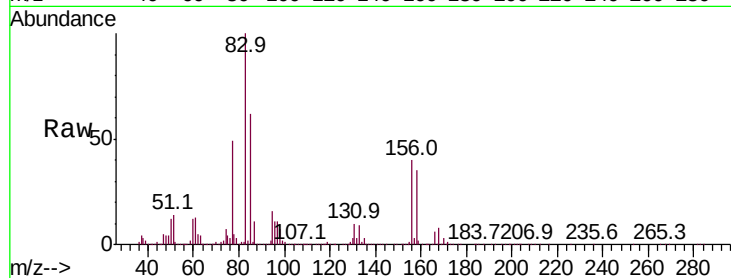
Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion: 83 Resp: 215147

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	64.3	32.2	96.6



#76

1,2,3-Trichloropropane

Concen: 26.458 ug/l

RT: 11.28 min Scan# 1672

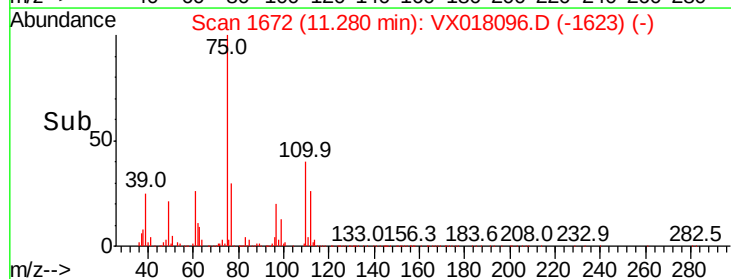
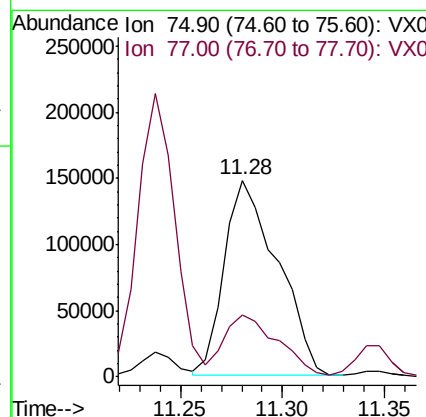
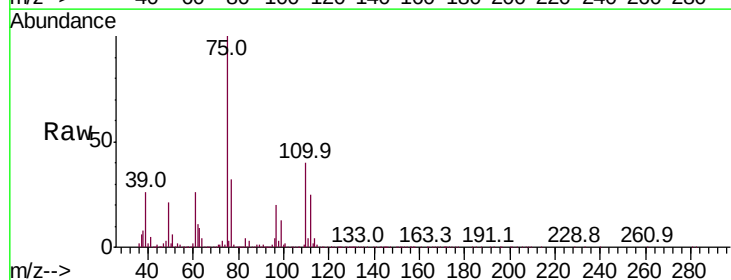
Delta R.T. -0.00 min

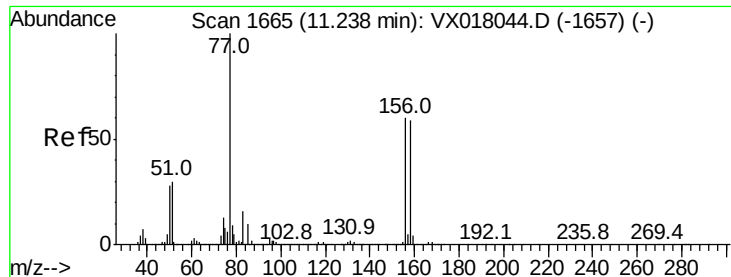
Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 75 Resp: 268081

Ion	Ratio	Lower	Upper
75	100		
77	32.0	20.8	62.2





#77

Bromobenzene

Concen: 20.672 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

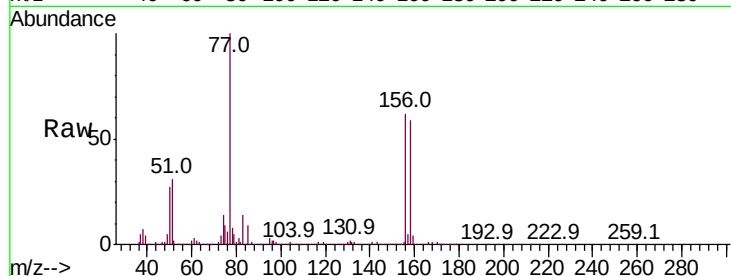
Tot Ion:156 Resp: 171681

Ion Ratio Lower Upper

156 100

77 157.5 80.0 240.2

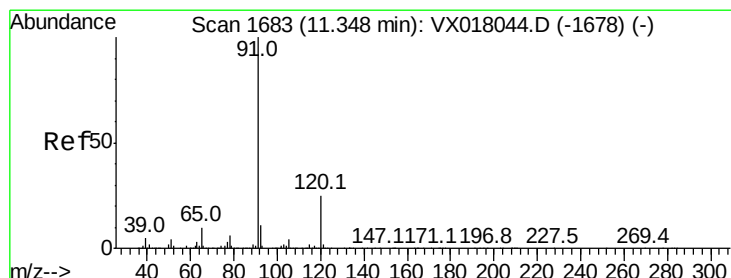
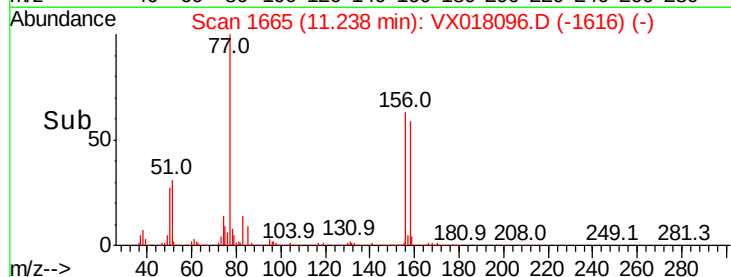
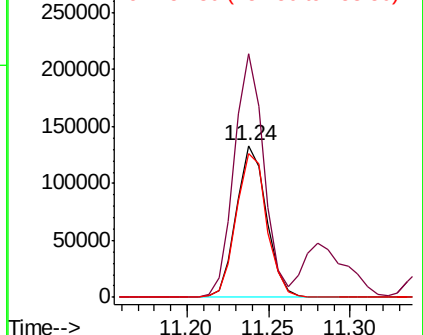
158 96.3 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.269 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018096.D

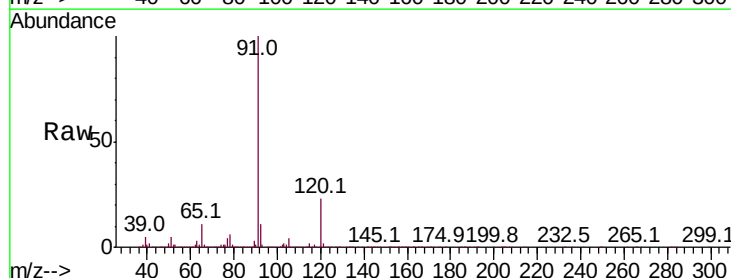
Acq: 27 Aug 2020 17:03

Tgt Ion: 91 Resp: 725557

Ion Ratio Lower Upper

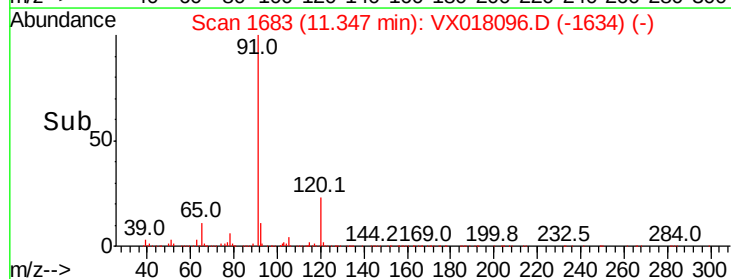
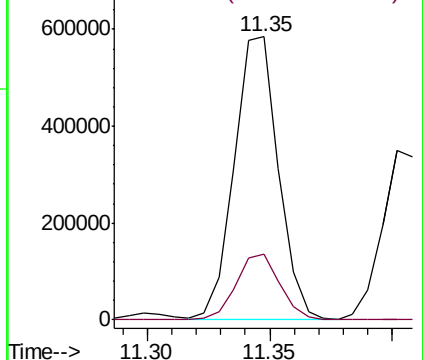
91 100

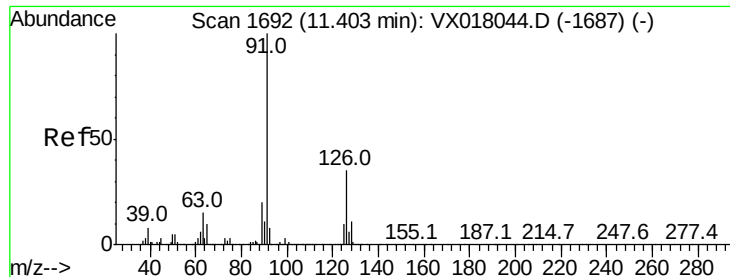
120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.000 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

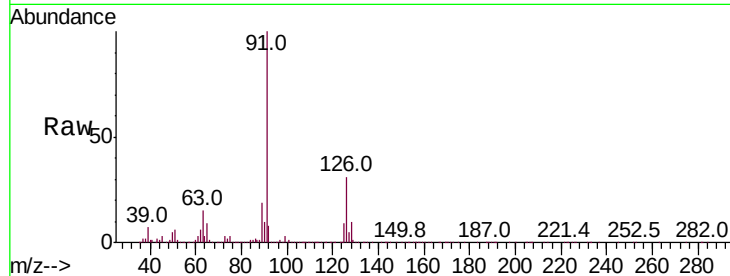
VX0827WBSD01

Tot Ion: 91 Resp: 442607

Ion Ratio Lower Upper

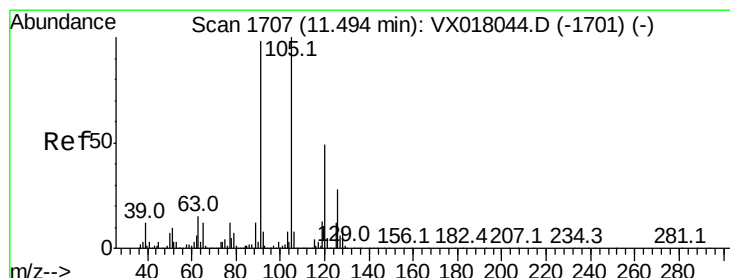
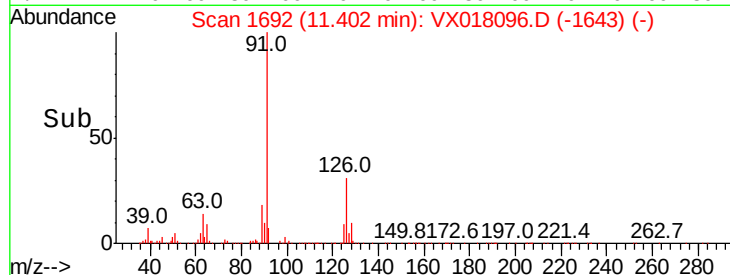
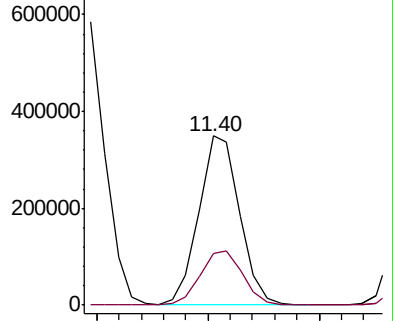
91 100

126 33.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.458 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018096.D

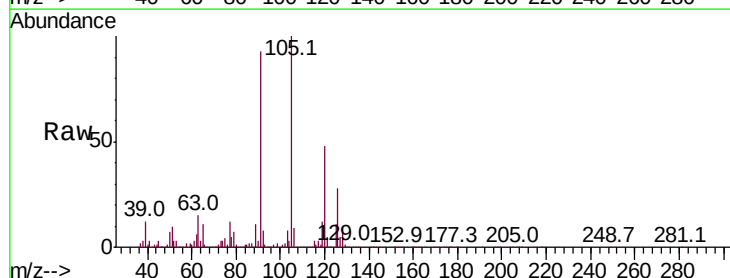
Acq: 27 Aug 2020 17:03

Tgt Ion: 105 Resp: 529777

Ion Ratio Lower Upper

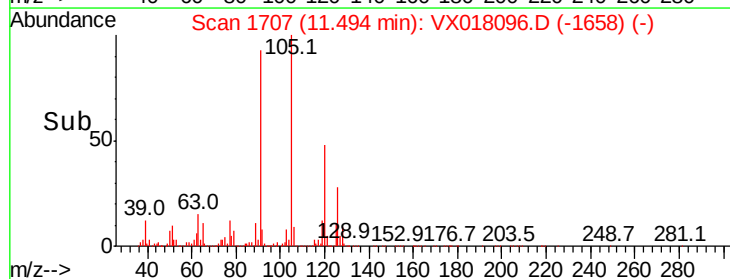
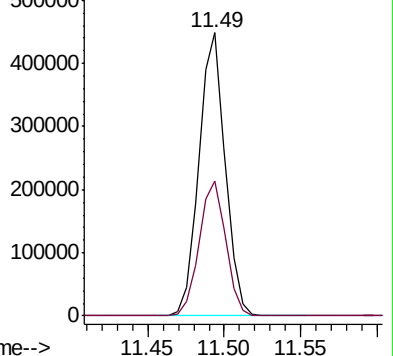
105 100

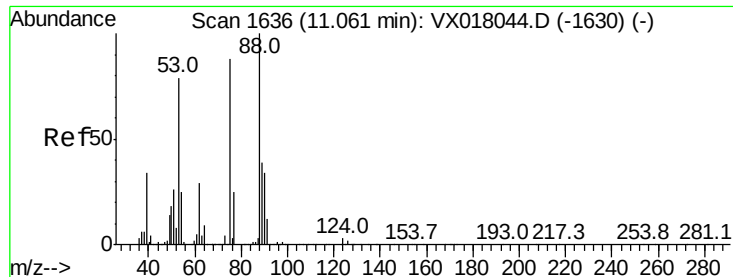
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.306 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

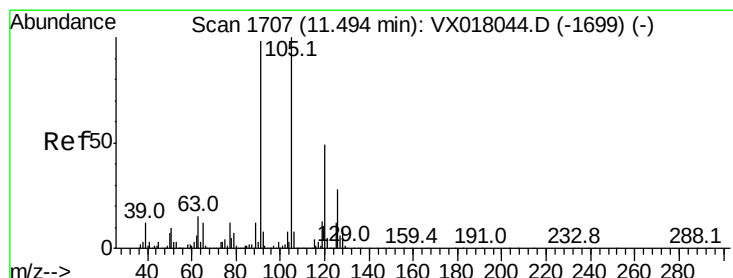
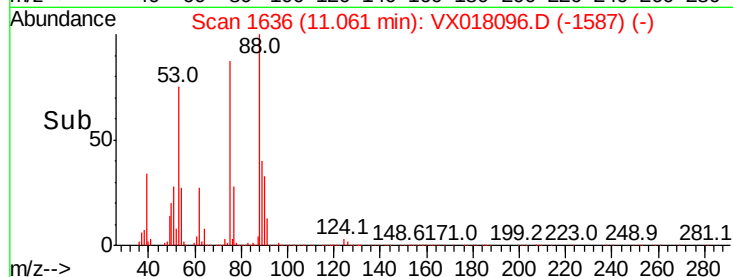
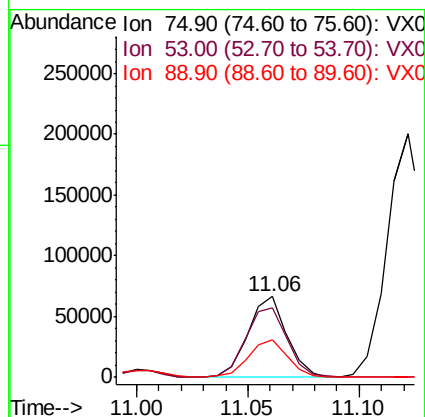
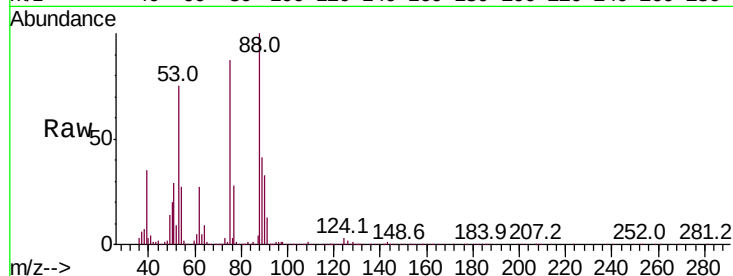
Tot Ion: 75 Resp: 79931

Ion Ratio Lower Upper

75 100

53 93.1 74.7 112.1

89 47.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.900 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018096.D

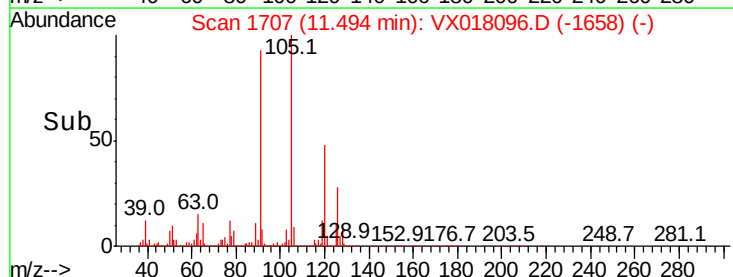
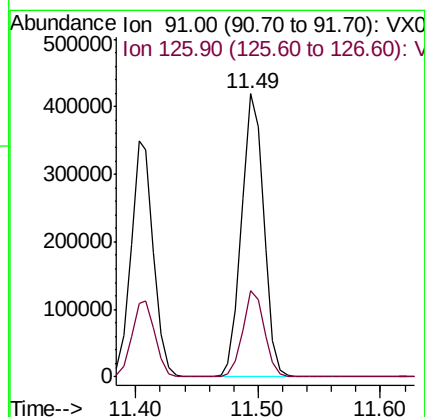
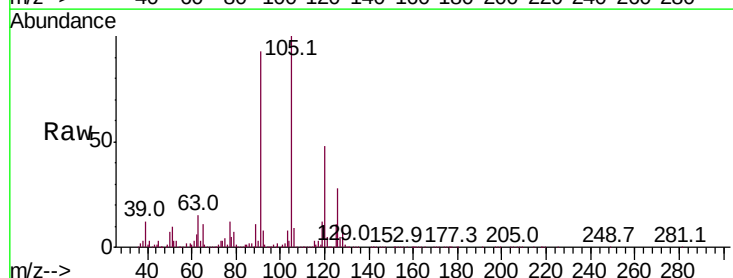
Acq: 27 Aug 2020 17:03

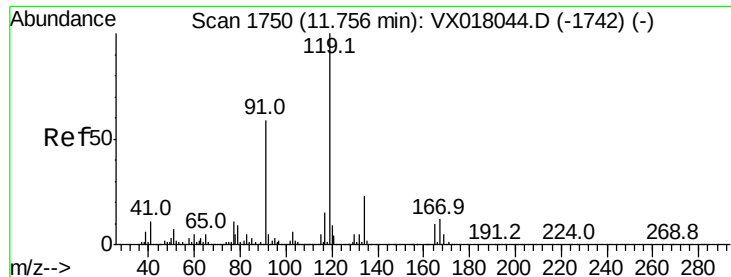
Tgt Ion: 91 Resp: 523667

Ion Ratio Lower Upper

91 100

126 29.8 15.1 45.3





#83

tert-Butylbenzene

Concen: 20.790 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

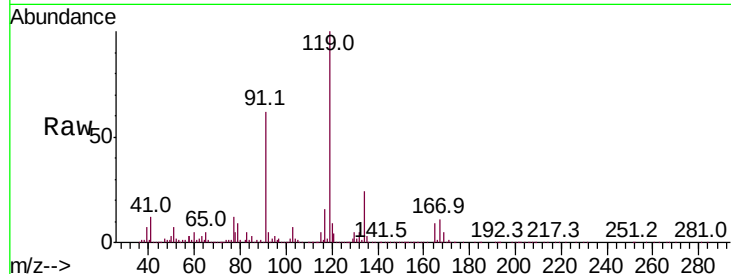
Tot Ion:119 Resp: 506542

Ion Ratio Lower Upper

119 100

91 58.4 28.2 84.7

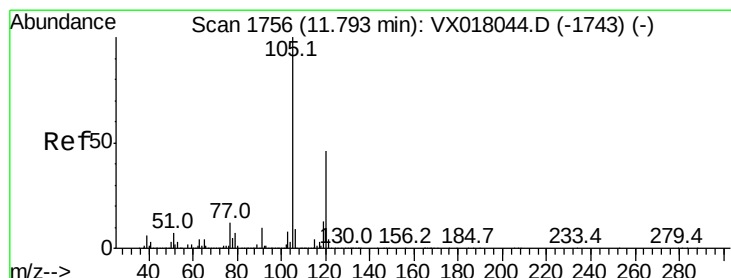
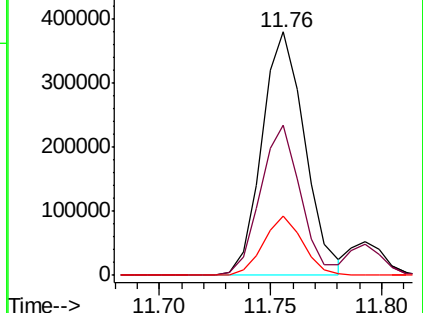
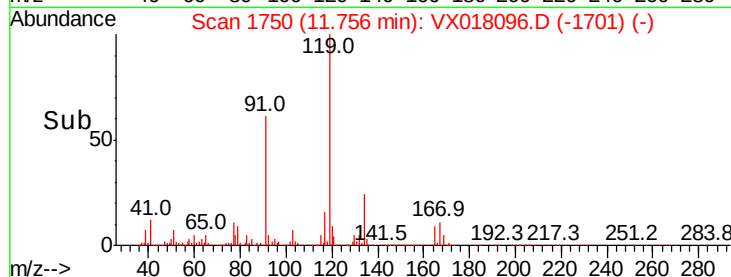
134 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.627 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018096.D

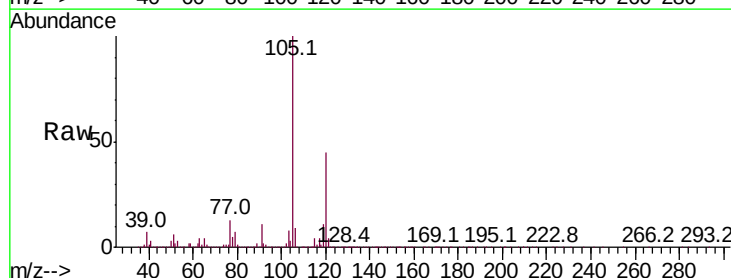
Acq: 27 Aug 2020 17:03

Tgt Ion:105 Resp: 520657

Ion Ratio Lower Upper

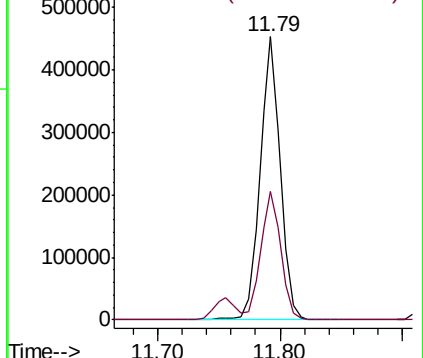
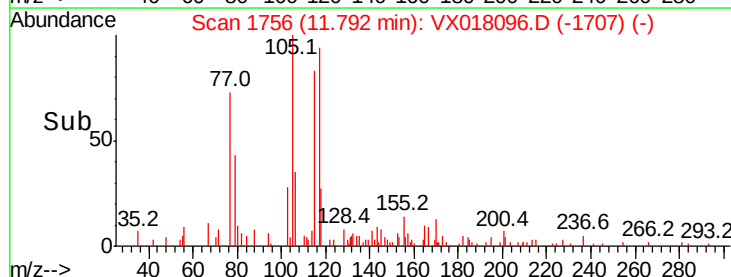
105 100

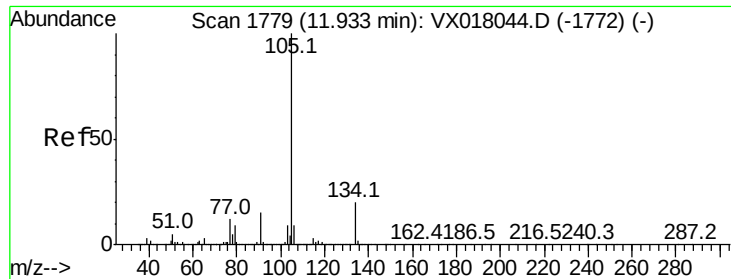
120 45.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.887 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

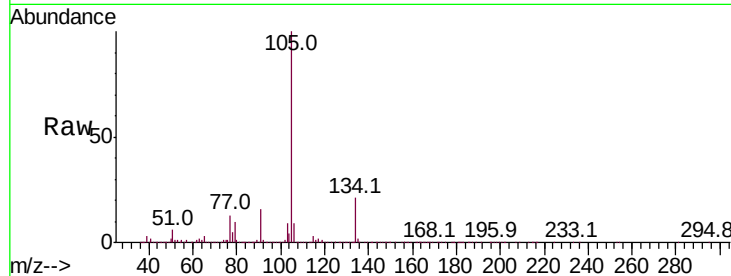
VX0827WBSD01

Tot Ion:105 Resp: 578737

Ion Ratio Lower Upper

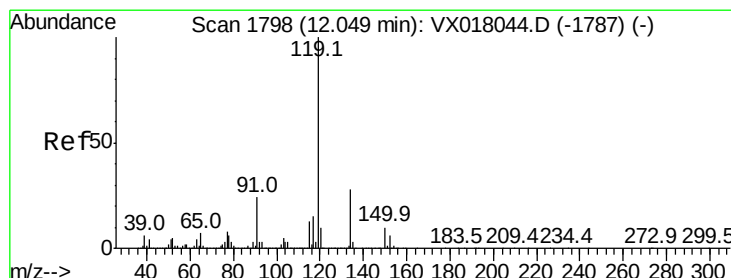
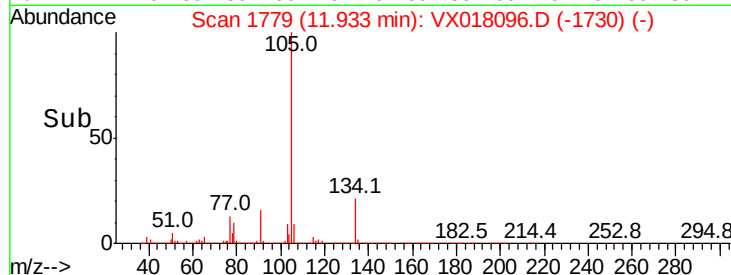
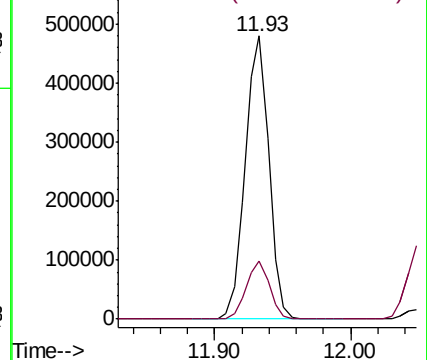
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.935 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

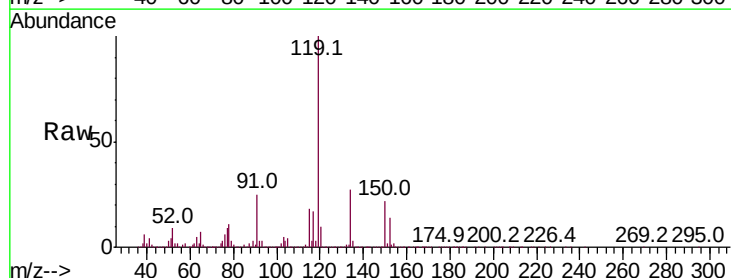
Tgt Ion:119 Resp: 532813

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

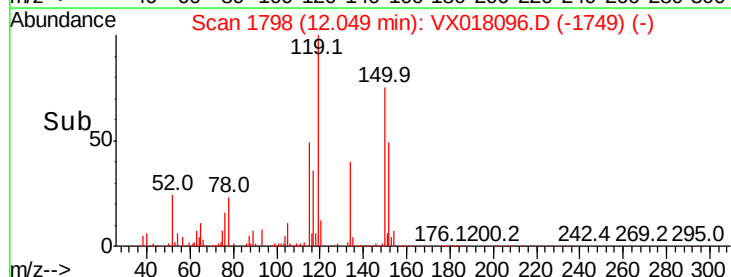
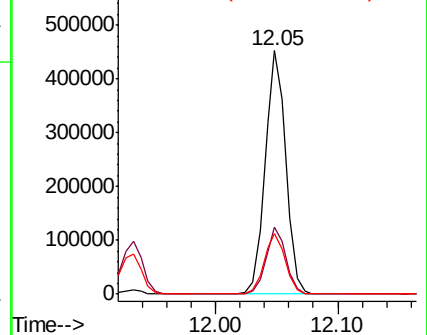
91 25.1 11.8 35.4

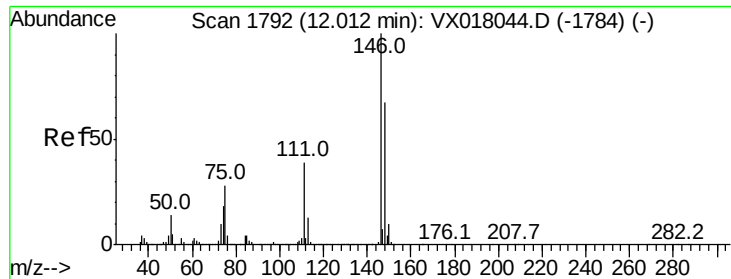


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

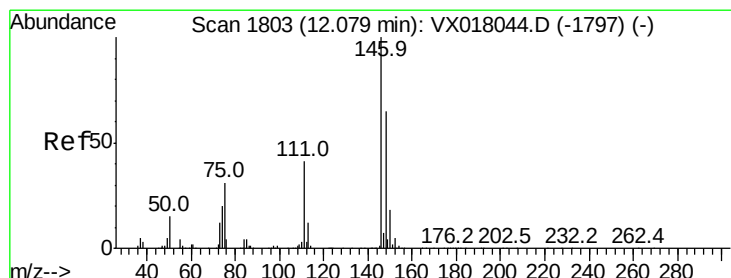
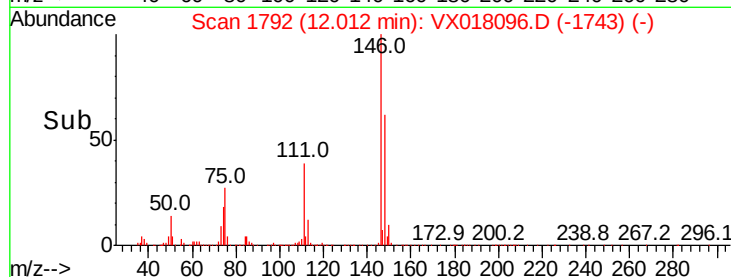
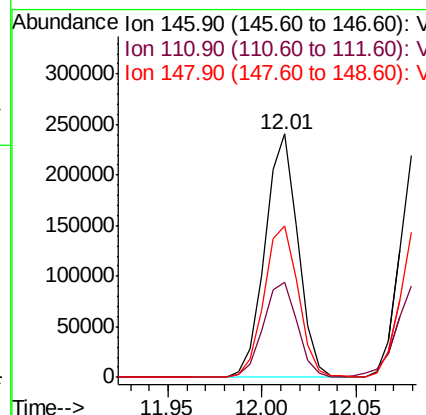
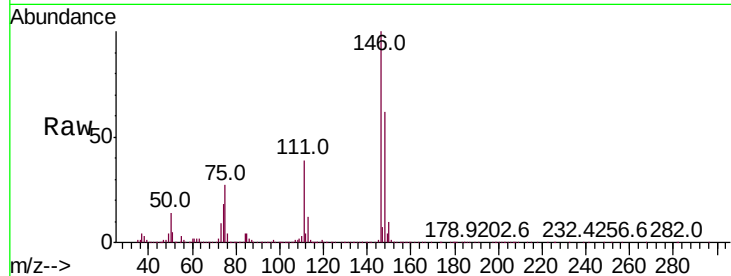




#87
 1,3-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

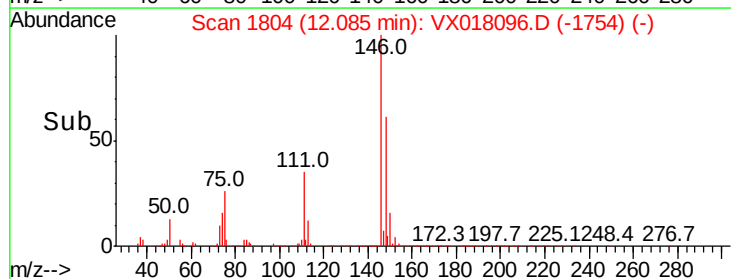
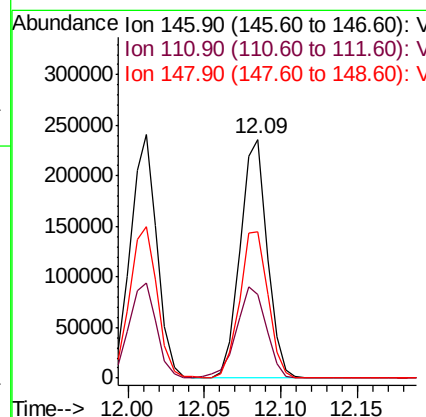
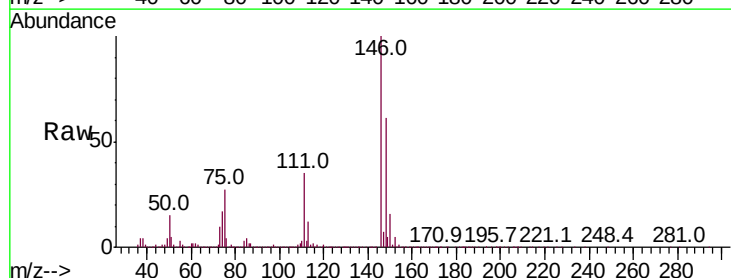
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

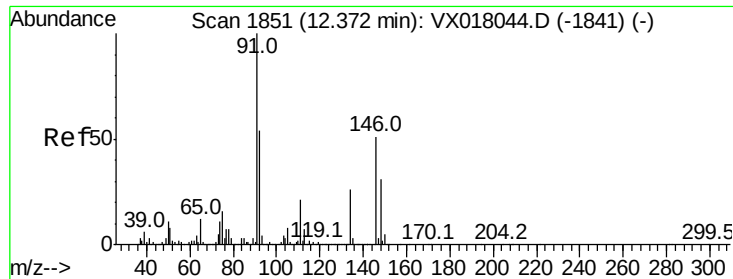
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	64.5	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 19.800 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	60.8
148	64.5	33.1	99.2

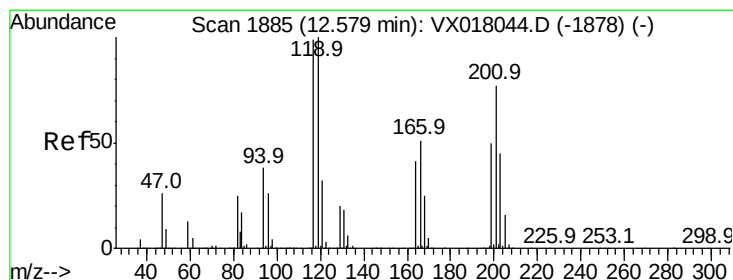
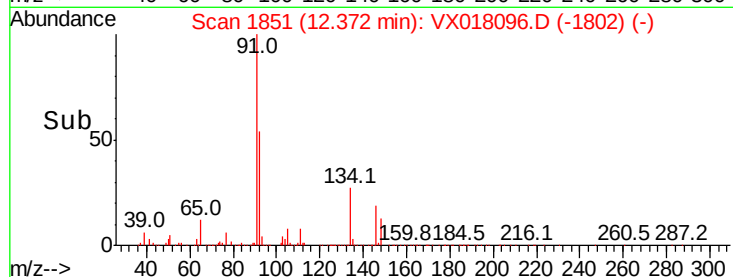
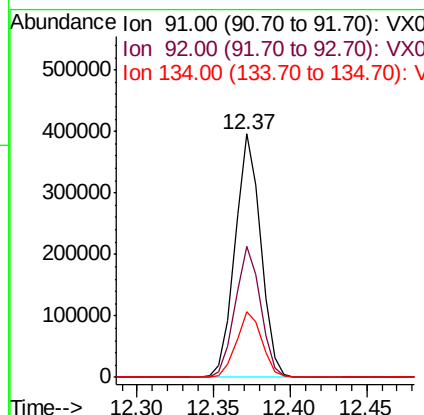
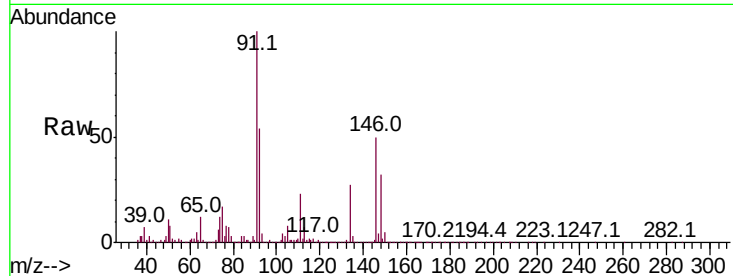




#89
n-Butylbenzene
Concen: 19.791 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

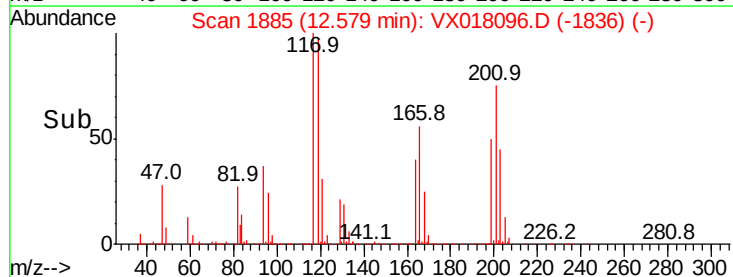
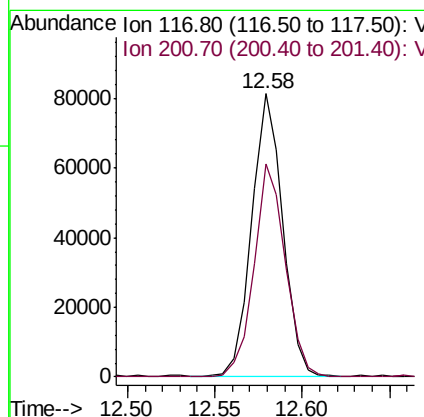
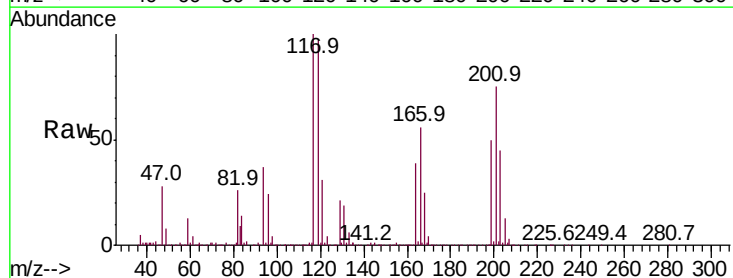
Instrument :
MSVOA_X
ClientSampled :
VX0827WBSD01

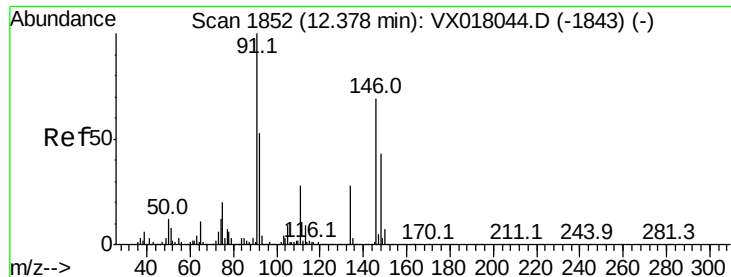
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	26.9	12.9	38.7



#90
Hexachloroethane
Concen: 19.857 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.5	115.3

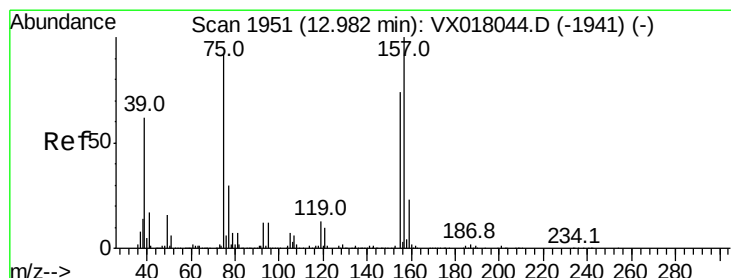
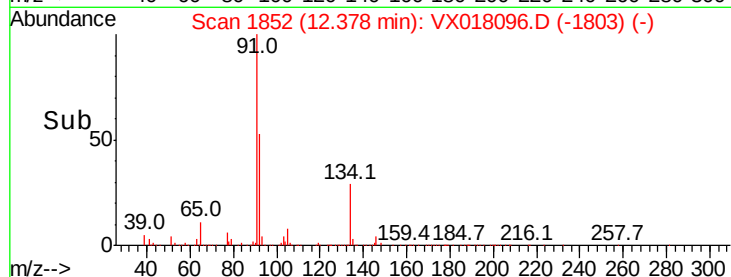
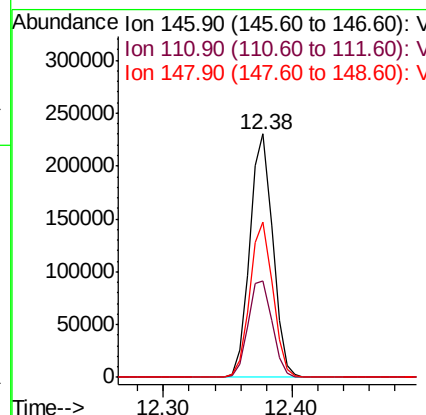
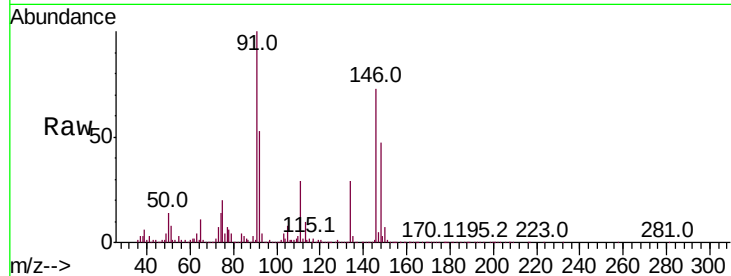




#91
 1,2-Dichlorobenzene
 Concen: 20.506 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

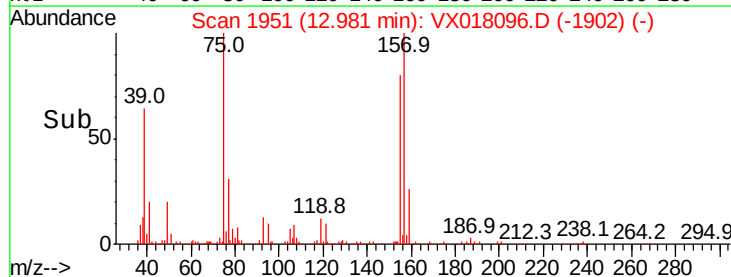
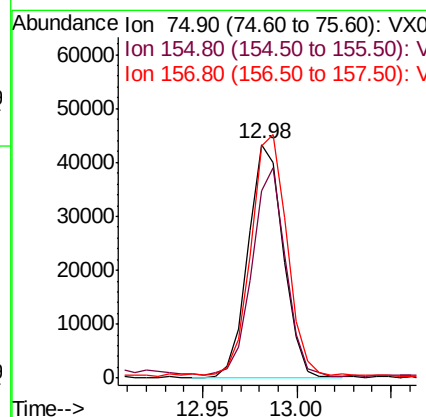
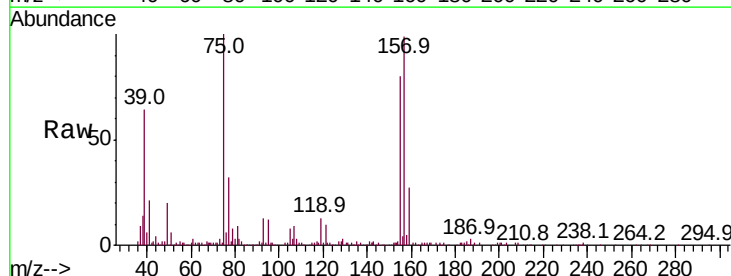
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

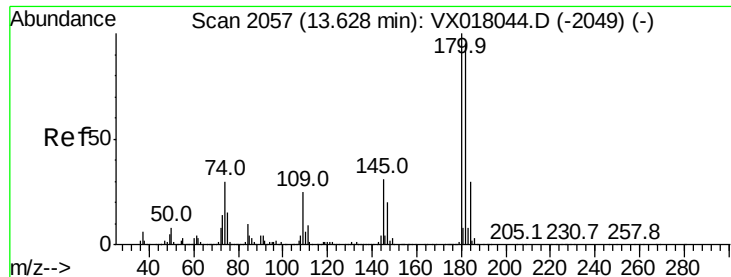
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.2	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.078 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	40.2	120.6
157	108.2	55.0	165.2

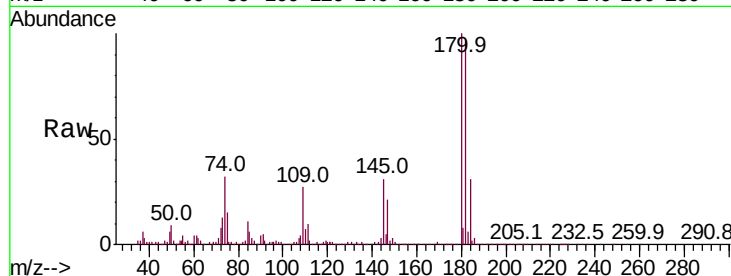




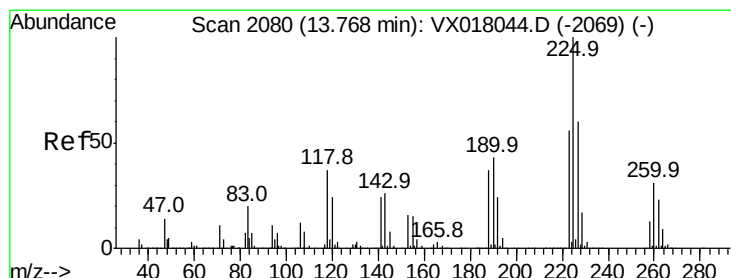
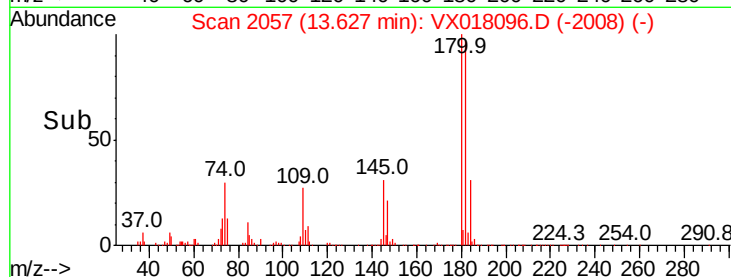
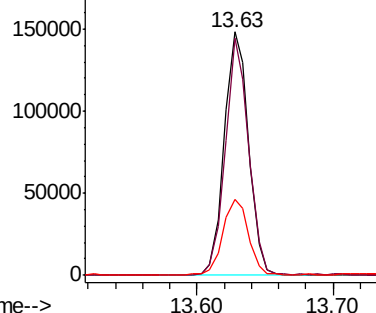
#93
 1,2,4-Trichlorobenzene
 Concen: 20.391 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.6
145	32.6	15.7	47.1

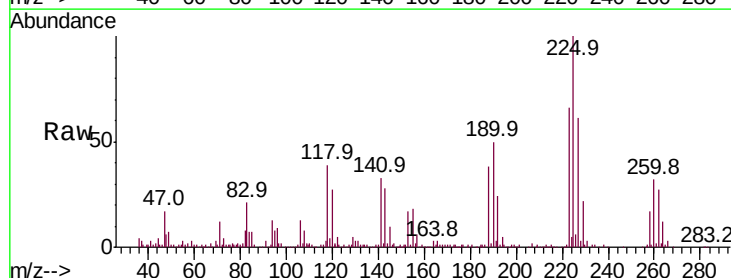


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

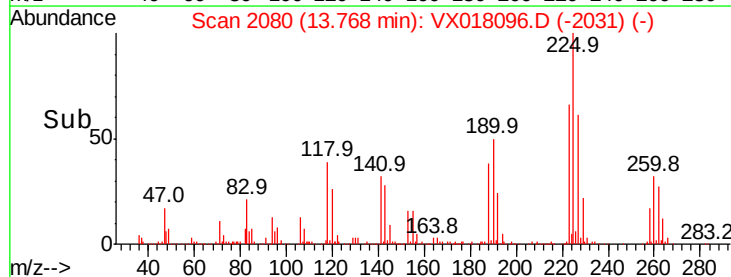
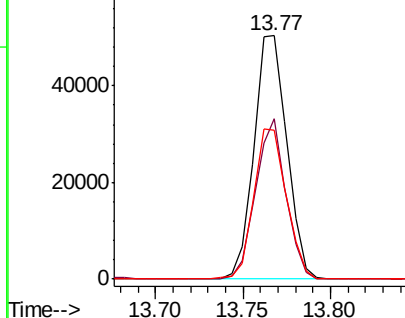


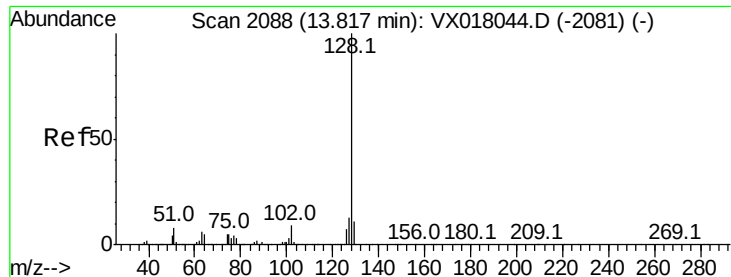
#94
 Hexachlorobutadiene
 Concen: 18.220 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	30.7	92.1
227	61.5	32.6	97.8



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





#95

Naphthalene

Concen: 21.950 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

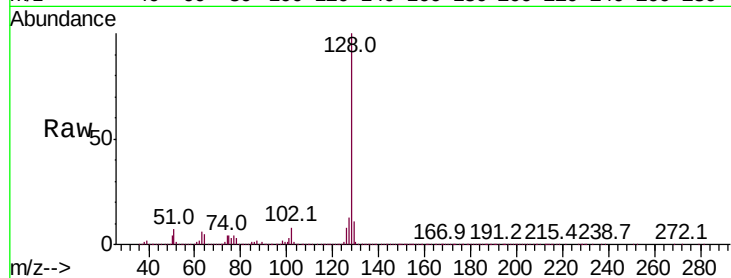
Tot Ion:128 Resp: 661156

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

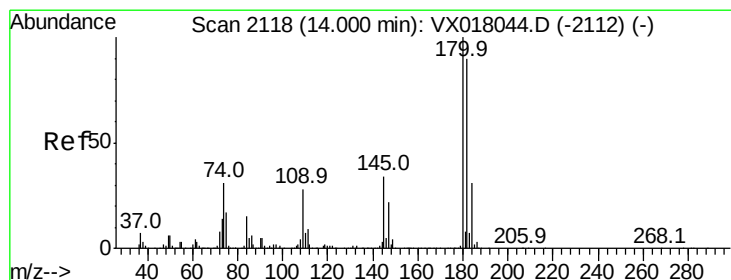
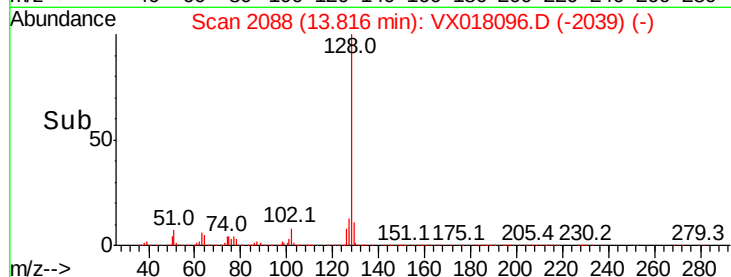
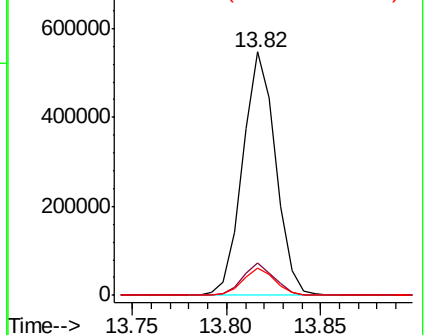
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.625 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

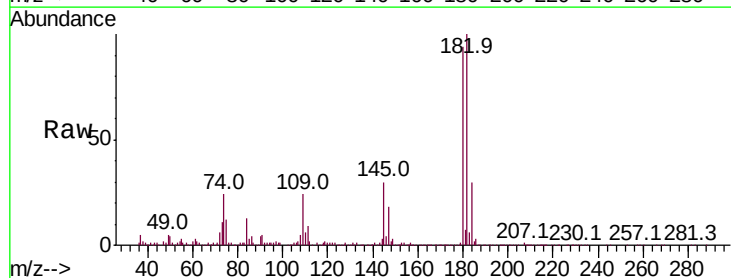
Tgt Ion:180 Resp: 186524

Ion Ratio Lower Upper

180 100

182 98.1 47.3 142.0

145 33.7 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

