

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018289.D
 Acq On : 08 Sep 2020 20:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 01:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	443866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	696465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	665529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	381439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	264487	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	
35) Dibromofluoromethane	5.47	113	204317	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	
50) Toluene-d8	8.70	98	709094	40.14	ug/l	0.00
Spiked Amount			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.12	95	301553	43.38	ug/l	0.00
Spiked Amount			Recovery	=	86.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	227713	42.137	ug/l	98
3) Chloromethane	1.31	50	207920	36.493	ug/l	98
4) Vinyl Chloride	1.39	62	227270	40.072	ug/l	98
5) Bromomethane	1.62	94	135487	49.527	ug/l	98
6) Chloroethane	1.70	64	136915	44.946	ug/l	95
7) Trichlorofluoromethane	1.91	101	387374	50.090	ug/l	100
8) Diethyl Ether	2.17	74	119564	45.588	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	191819	45.879	ug/l	98
10) Methyl Iodide	2.49	142	177666	40.804	ug/l	94
11) Tert butyl alcohol	3.02	59	269360	224.820	ug/l	98
12) 1,1-Dichloroethene	2.35	96	187970	43.334	ug/l	97
13) Acrolein	2.28	56	95806	192.850	ug/l	98
14) Allyl chloride	2.71	41	335909	43.103	ug/l	96
15) Acrylonitrile	3.12	53	580688	213.662	ug/l	98
16) Acetone	2.42	43	520701	216.860	ug/l	95
17) Carbon Disulfide	2.55	76	510857	38.958	ug/l	99
18) Methyl Acetate	2.75	43	291737	50.351	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	699907	47.049	ug/l	100
20) Methylene Chloride	2.83	84	218949	44.468	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	204240	42.499	ug/l	98
22) Diisopropyl ether	3.83	45	689931	44.855	ug/l	98
23) Vinyl Acetate	3.78	43	3080516	225.077	ug/l	99
24) 1,1-Dichloroethane	3.67	63	392609	44.840	ug/l	99
25) 2-Butanone	4.64	43	829836	210.293	ug/l	99
26) 2,2-Dichloropropane	4.55	77	306342	43.001	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	234965	42.435	ug/l	99
28) Bromochloromethane	4.98	49	175924	41.625	ug/l	97
29) Tetrahydrofuran	5.09	42	533586	212.414	ug/l	99
30) Chloroform	5.18	83	416492	45.939	ug/l	98
31) Cyclohexane	5.55	56	299444	40.600	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	393078	47.245	ug/l	99
36) 1,1-Dichloropropene	5.77	75	287830	44.807	ug/l	99
37) Ethyl Acetate	4.79	43	325787	43.666	ug/l	100
38) Carbon Tetrachloride	5.76	117	357741	49.416	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	296499	42.211	ug/l	96
40) Benzene	6.11	78	846452	44.844	ug/l	100
41) Methacrylonitrile	5.01	41	177436	43.313	ug/l	98
42) 1,2-Dichloroethane	6.17	62	357301	49.406	ug/l	97
43) Isopropyl Acetate	6.41	43	526977	43.730	ug/l	99
44) Trichloroethene	7.19	130	237983	44.621	ug/l	98
45) 1,2-Dichloropropane	7.49	63	227726	44.763	ug/l	99
46) Dibromomethane	7.64	93	164862	46.083	ug/l	98
47) Bromodichloromethane	7.88	83	343854	48.138	ug/l	100
48) Methyl methacrylate	7.74	41	262889	43.822	ug/l	97
49) 1,4-Dioxane	7.71	88	89530	823.904	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1695364	227.754	ug/l	100
52) Toluene	8.77	92	534570	44.663	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	366254	46.263	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	376575	44.903	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	231495	45.349	ug/l	98
56) Ethyl methacrylate	9.16	69	349066	45.998	ug/l	99
57) 1,3-Dichloropropane	9.35	76	379631	45.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	636509	186.455	ug/l	99
59) 2-Hexanone	9.48	43	1296272	229.016	ug/l	99
60) Dibromochloromethane	9.57	129	285625	47.697	ug/l	100
61) 1,2-Dibromoethane	9.65	107	252019	45.474	ug/l	99
64) Tetrachloroethene	9.32	164	203487	41.607	ug/l	94
65) Chlorobenzene	10.12	112	603220	45.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253380	48.365	ug/l	98
67) Ethyl Benzene	10.24	91	1038136	45.926	ug/l	99
68) m/p-Xylenes	10.34	106	803775	95.268	ug/l	97
69) o-Xylene	10.68	106	385867	47.179	ug/l	97
70) Styrene	10.70	104	681838	48.953	ug/l	99
71) Bromoform	10.84	173	231646	51.839	ug/l #	99
73) Isopropylbenzene	11.00	105	1055653	41.957	ug/l	99
74) N-amyl acetate	10.88	43	486408	40.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	366024	41.239	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	434462	51.202	ug/l	84
77) Bromobenzene	11.24	156	289293	41.596	ug/l	97
78) n-propylbenzene	11.34	91	1211742	42.416	ug/l	99
79) 2-Chlorotoluene	11.40	91	752422	42.630	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	931581	45.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127026	40.432	ug/l	98
82) 4-Chlorotoluene	11.49	91	889897	42.412	ug/l	99
83) tert-Butylbenzene	11.76	119	908848	44.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	954603	45.160	ug/l	100
85) sec-Butylbenzene	11.93	105	1035826	44.641	ug/l	100
86) p-Isopropyltoluene	12.05	119	967811	45.408	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	515970	42.256	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	529275	43.291	ug/l	97
89) n-Butylbenzene	12.37	91	824908	42.404	ug/l	99
90) Hexachloroethane	12.58	117	196502	46.860	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	501098	43.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92521	41.690	ug/l	97

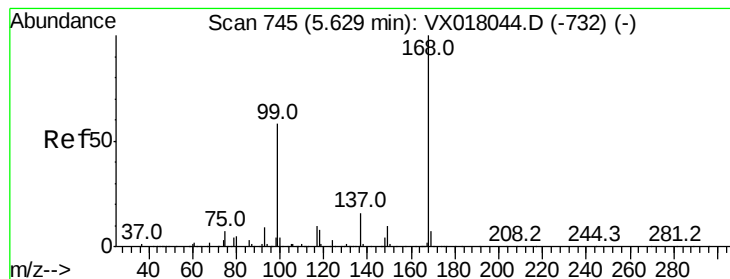
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334955	43.702	ug/l	97
94) Hexachlorobutadiene	13.77	225	140728	46.550	ug/l	96
95) Naphthalene	13.82	128	1065847	42.254	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	331209	43.733	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

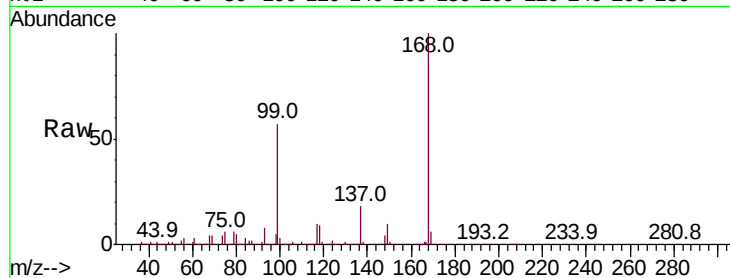
VSTDCCC050EC

Tot Ion:168 Resp: 443866

Ion Ratio Lower Upper

168 100

99 57.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

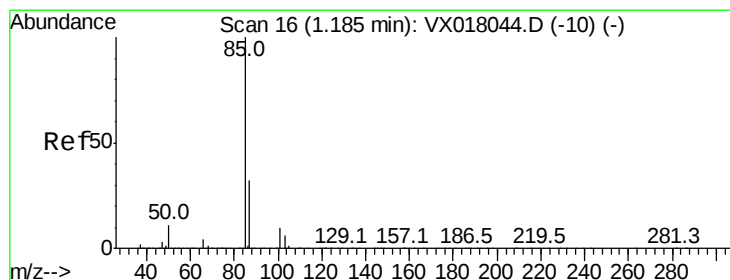
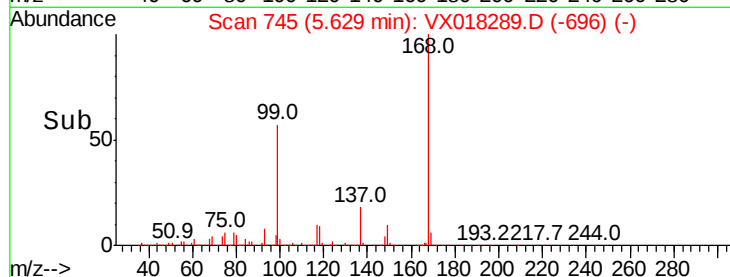
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.137 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018289.D

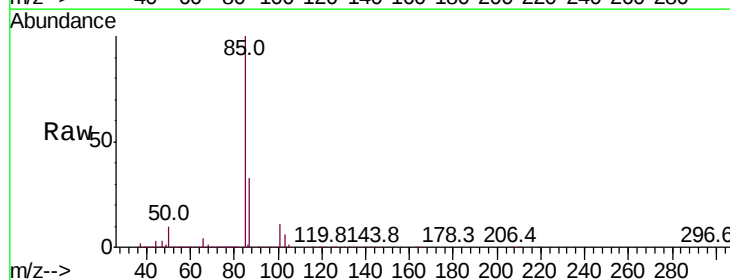
Acq: 08 Sep 2020 20:35

Tgt Ion: 85 Resp: 227713

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

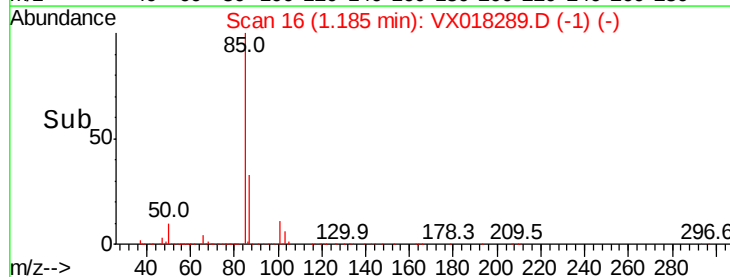
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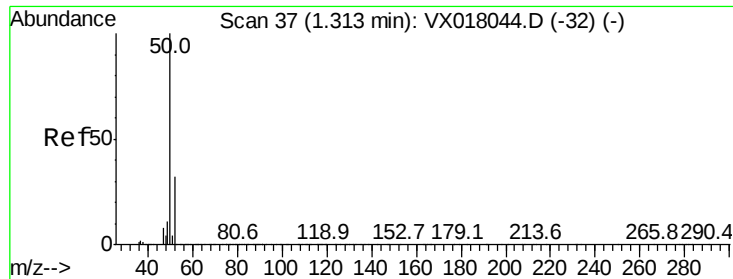
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 36.493 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

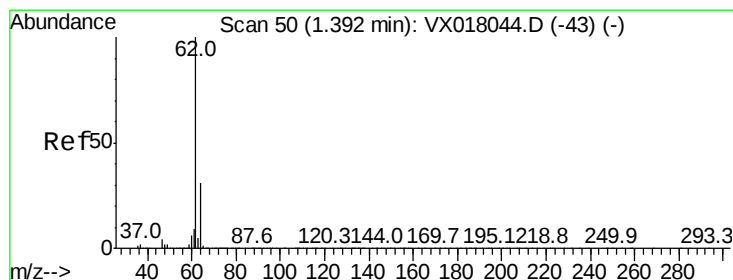
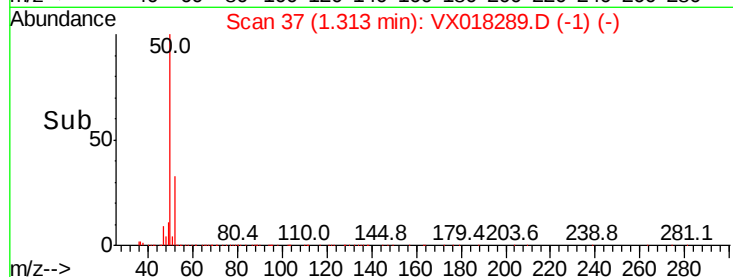
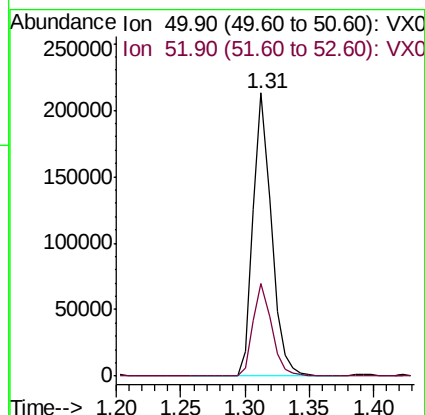
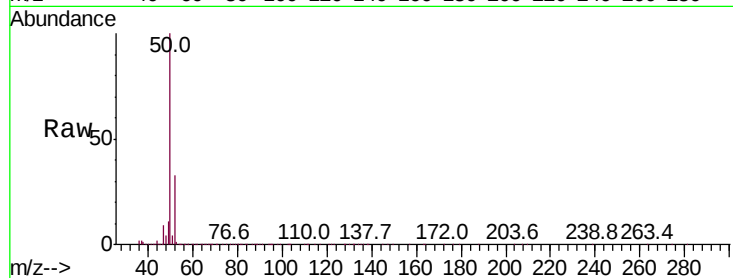
VSTDCCC050EC

Tot Ion: 50 Resp: 207920

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 40.072 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018289.D

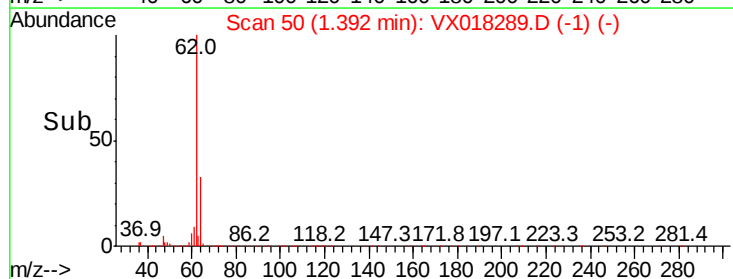
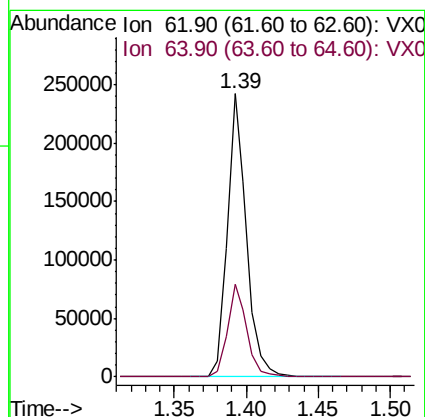
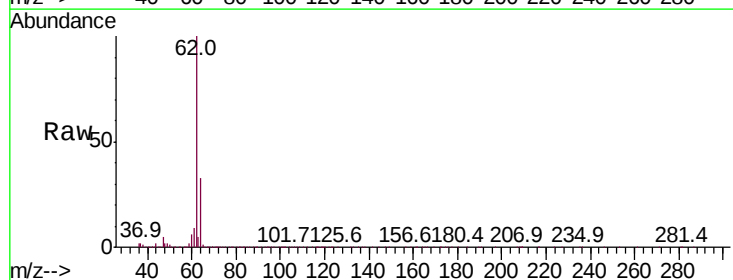
Acq: 08 Sep 2020 20:35

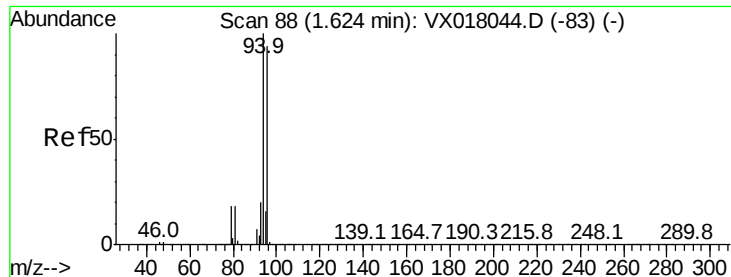
Tgt Ion: 62 Resp: 227270

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 49.527 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

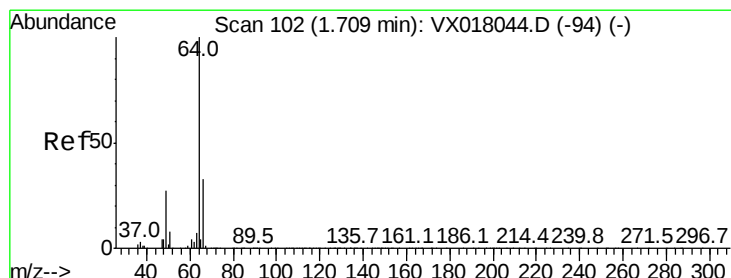
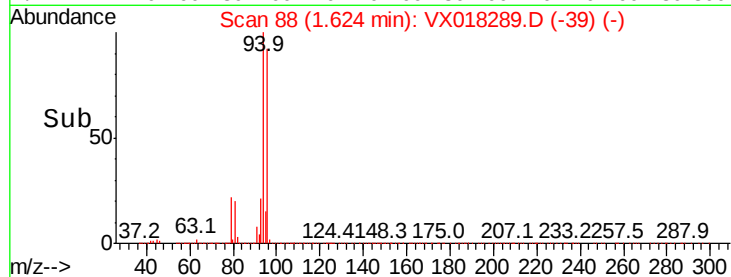
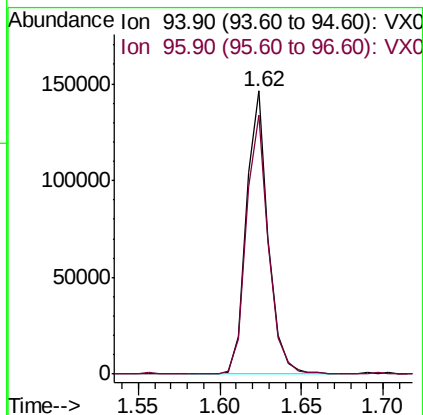
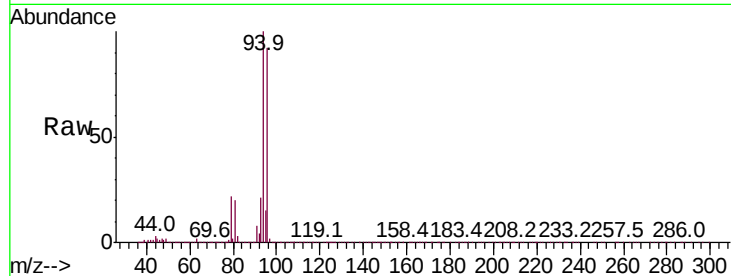
VSTDCCC050EC

Tot Ion: 94 Resp: 135487

Ion Ratio Lower Upper

94 100

96 91.4 74.8 112.2



#6

Chloroethane

Concen: 44.946 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018289.D

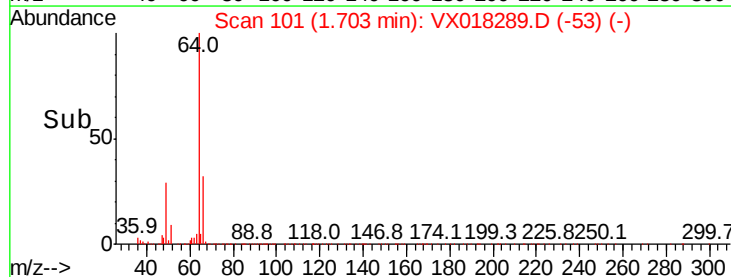
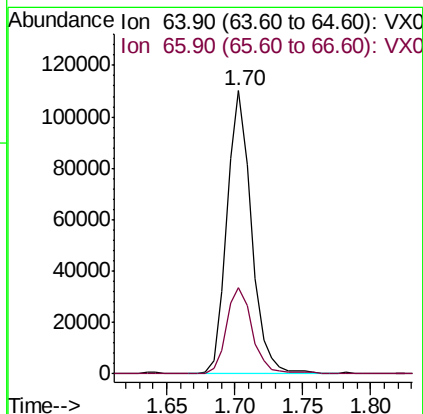
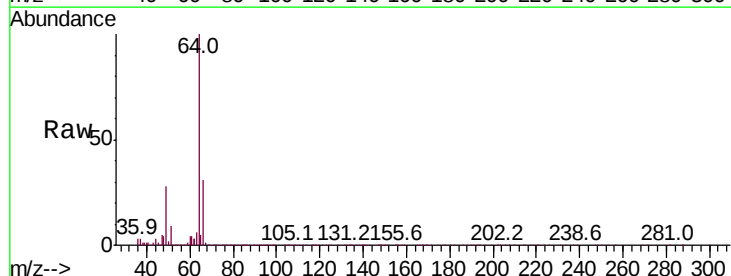
Acq: 08 Sep 2020 20:35

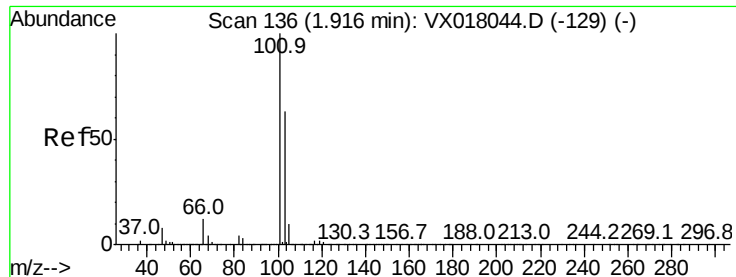
Tgt Ion: 64 Resp: 136915

Ion Ratio Lower Upper

64 100

66 30.4 26.6 39.8



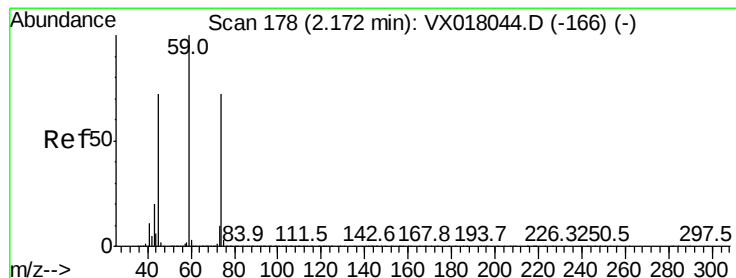
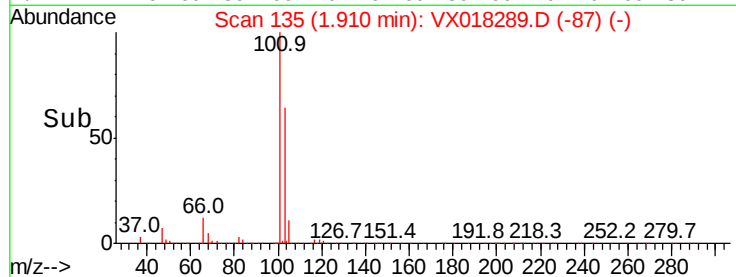
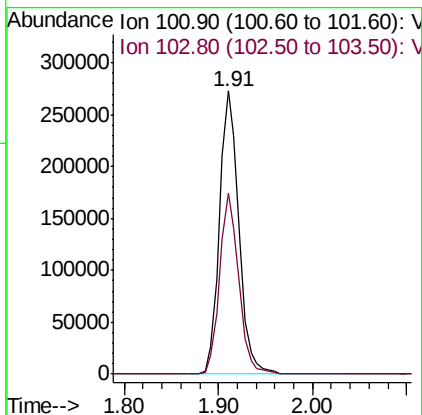
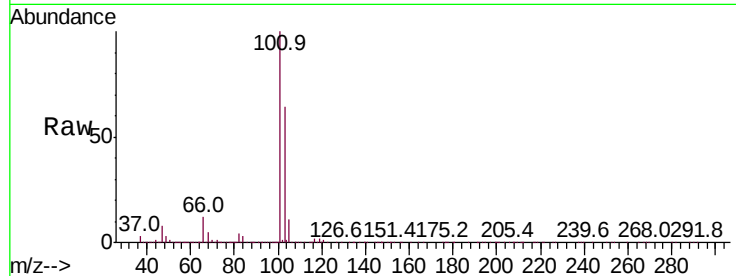


#7

Trichlorofluoromethane
Concen: 50.090 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018289.D
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Instrument :
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VSTDCCC050EC

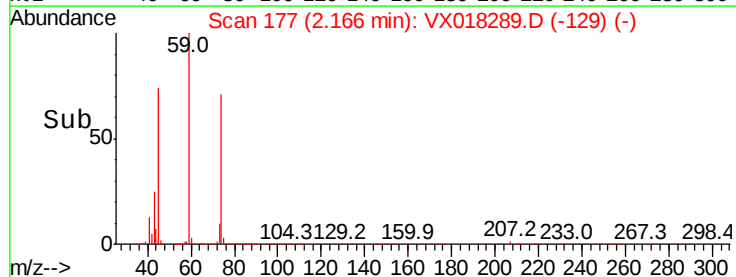
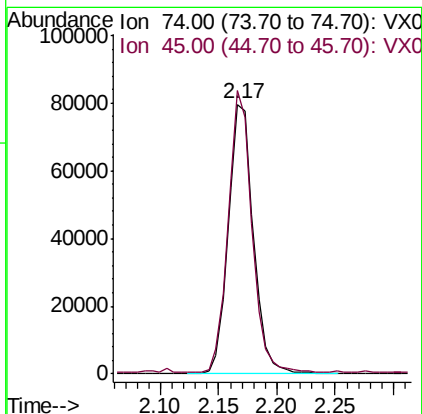
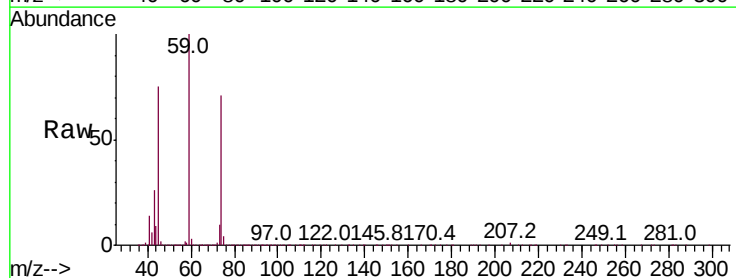
Tot Ion:101 Resp: 387374
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

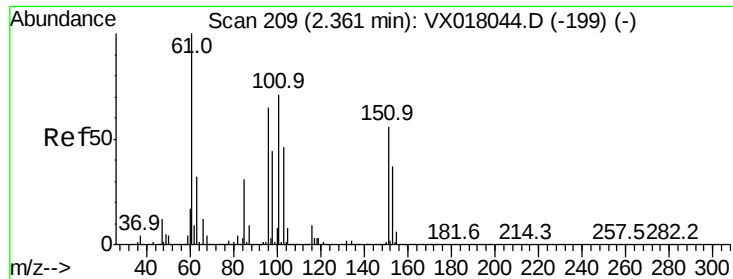


#8

Diethyl Ether
Concen: 45.588 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 74 Resp: 119564
Ion Ratio Lower Upper
74 100
45 98.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.879 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

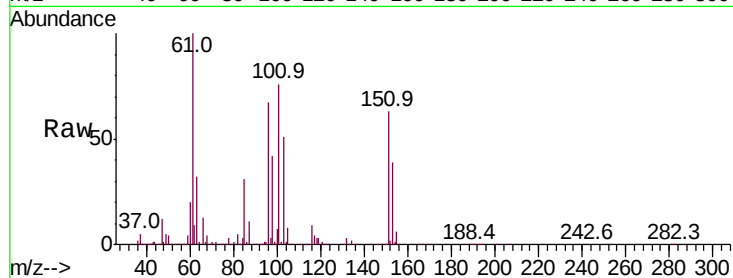
Tot Ion:101 Resp: 191819

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

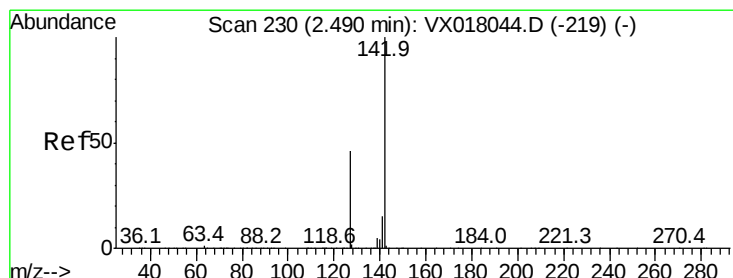
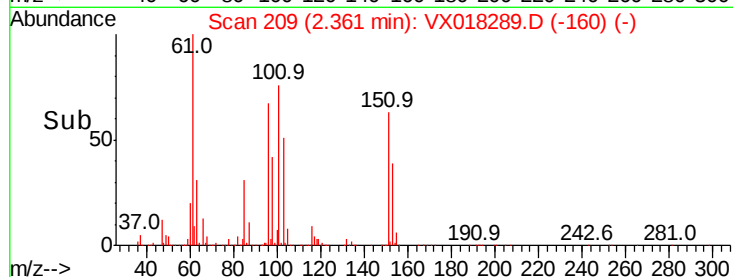
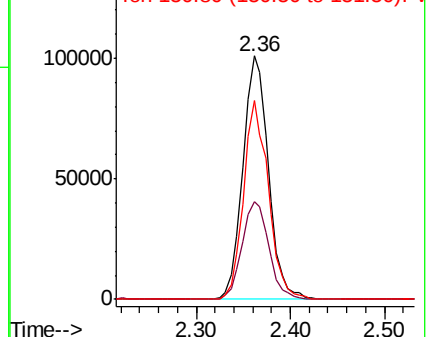
151 79.6 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.804 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

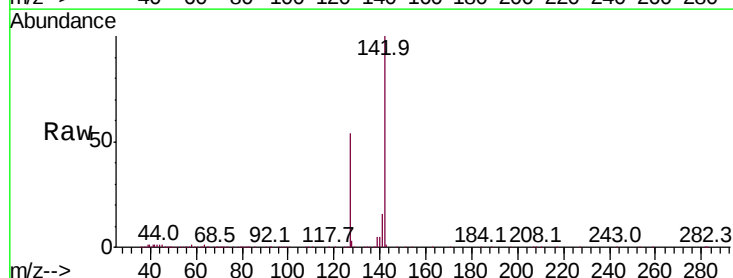
Tgt Ion:142 Resp: 177666

Ion Ratio Lower Upper

142 100

127 51.2 37.0 55.6

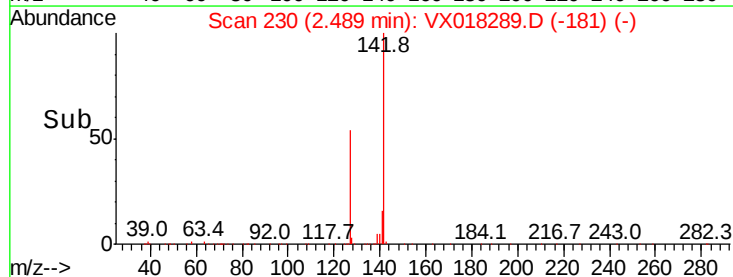
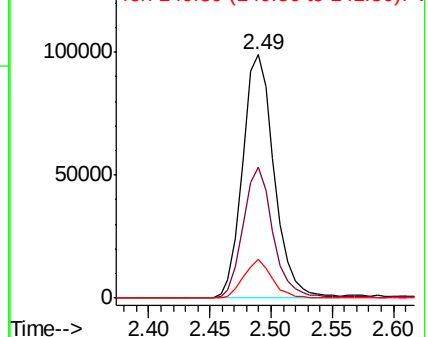
141 14.5 11.5 17.3

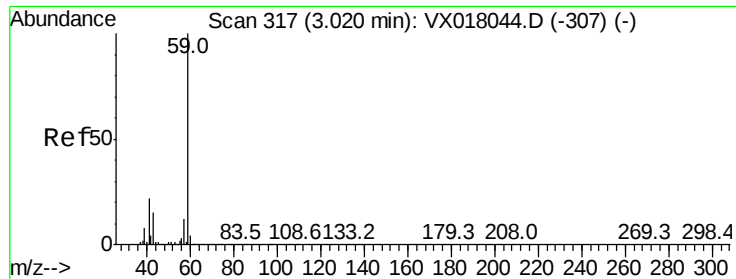


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



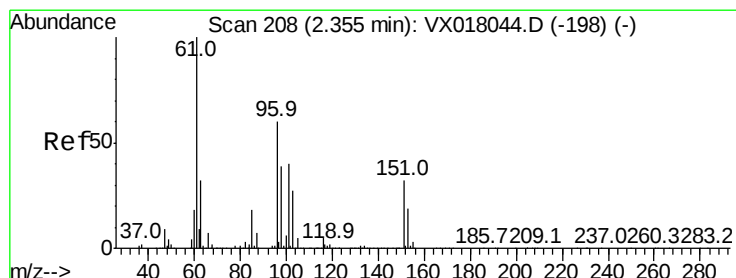
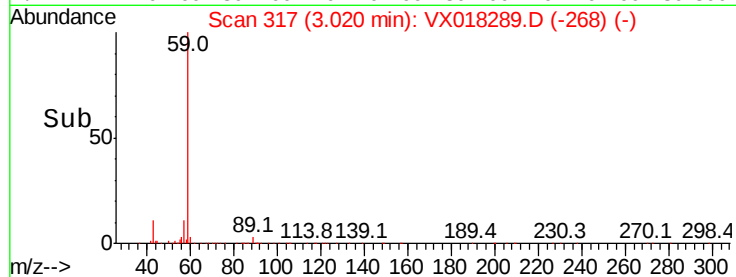
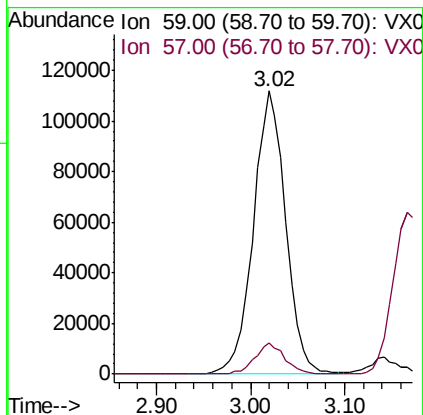
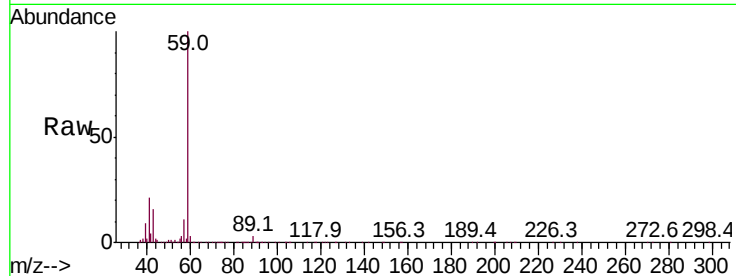


#11

Tert butyl alcohol
 Concen: 224.820 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

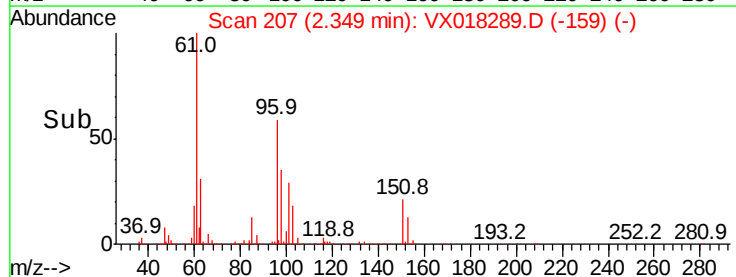
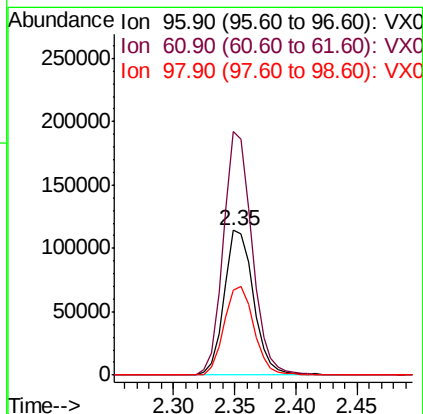
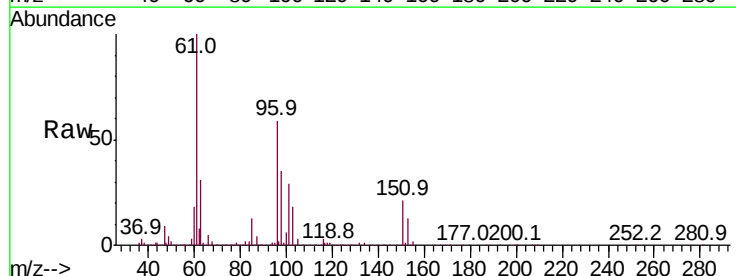
Tot Ion: 59 Resp: 269360
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.9 13.3

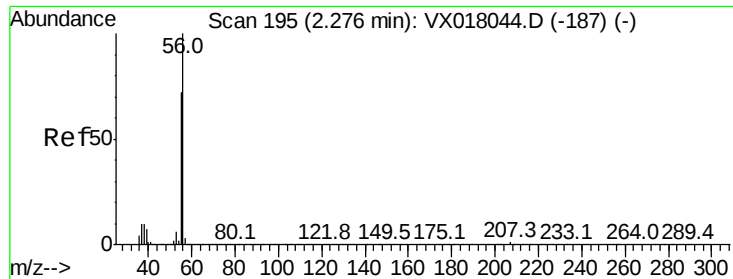


#12

1,1-Dichloroethene
 Concen: 43.334 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion: 96 Resp: 187970
 Ion Ratio Lower Upper
 96 100
 61 168.3 133.0 199.4
 98 58.7 51.6 77.4

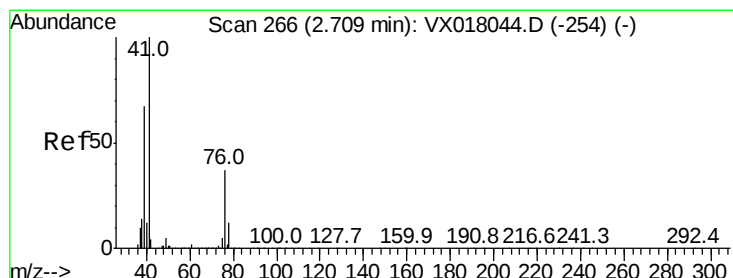
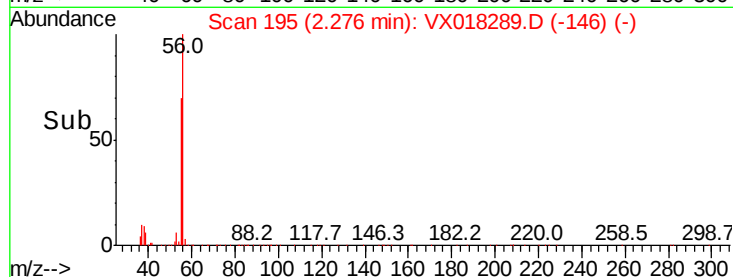
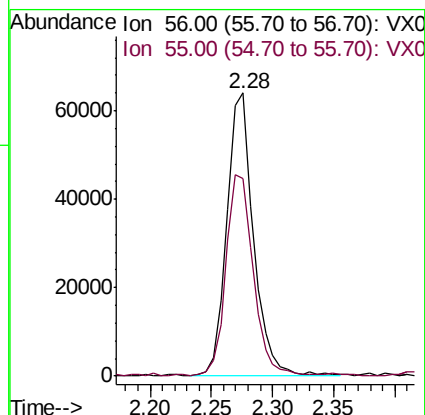
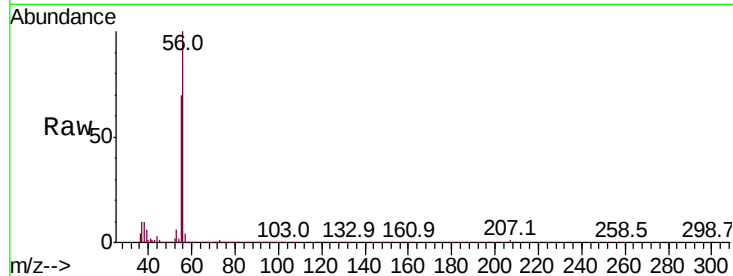




#13
Acrolein
Concen: 192.850 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

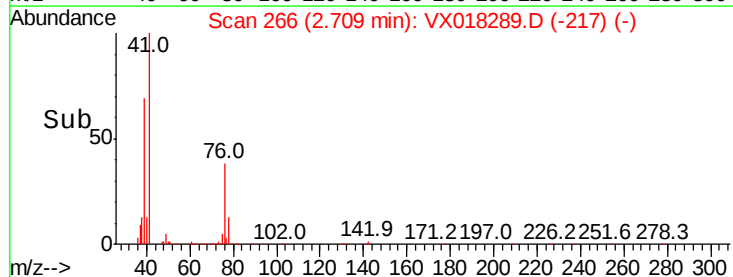
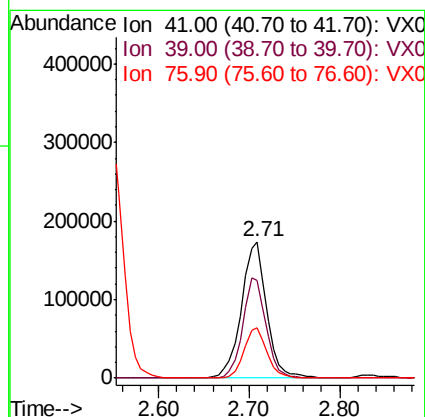
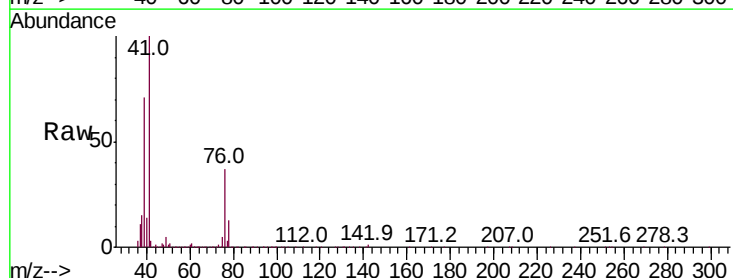
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

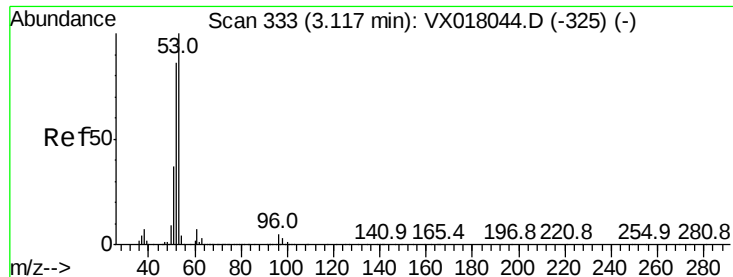
Tot Ion: 56 Resp: 95806
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6



#14
Allyl chloride
Concen: 43.103 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 41 Resp: 335909
Ion Ratio Lower Upper
41 100
39 67.2 50.6 76.0
76 33.4 26.2 39.2





#15

Acrylonitrile

Concen: 213.662 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

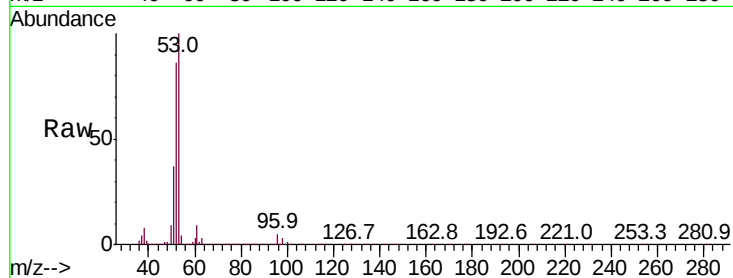
Tot Ion: 53 Resp: 580688

Ion Ratio Lower Upper

53 100

52 84.4 66.9 100.3

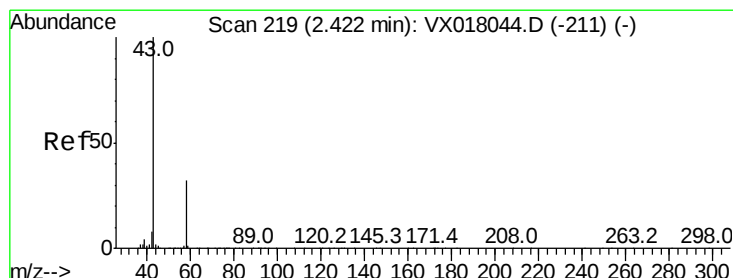
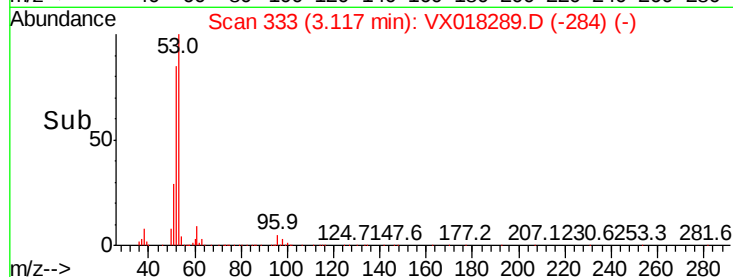
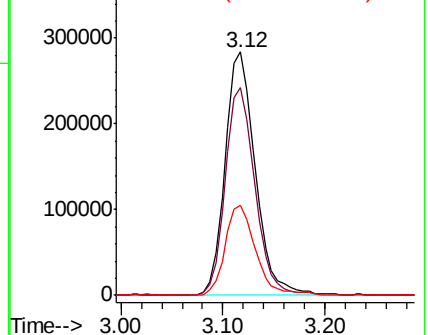
51 37.6 28.7 43.1



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: 216.860 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018289.D

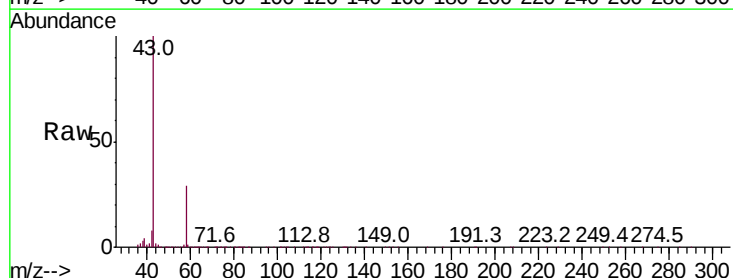
Acq: 08 Sep 2020 20:35

Tgt Ion: 43 Resp: 520701

Ion Ratio Lower Upper

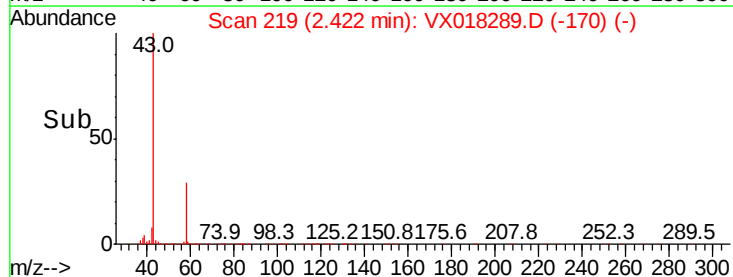
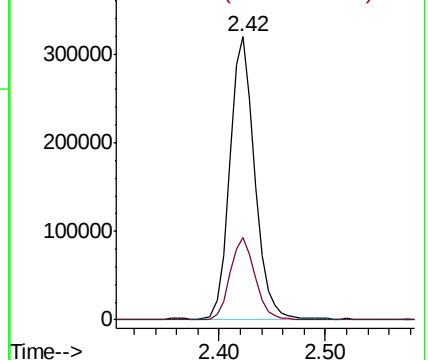
43 100

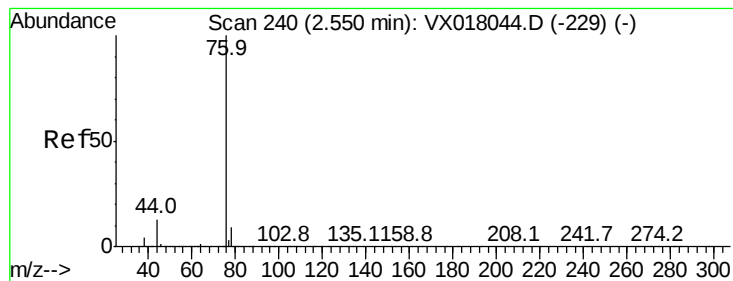
58 29.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 38.958 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

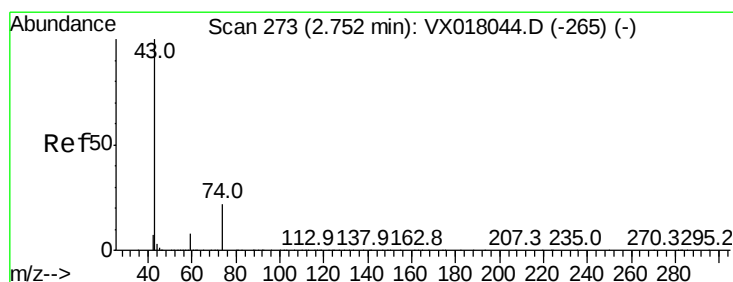
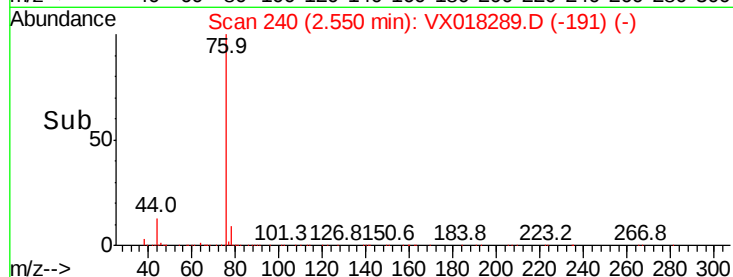
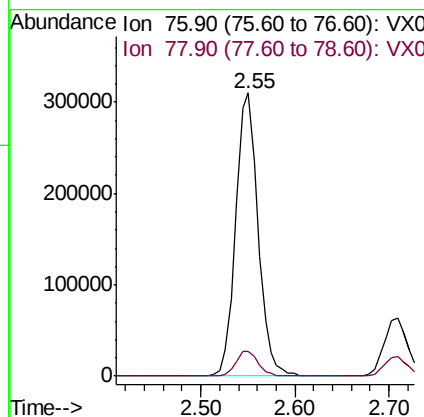
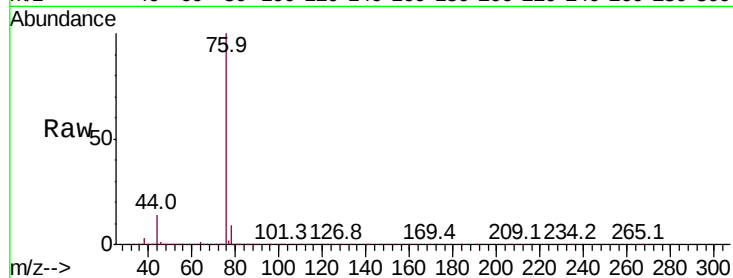
VSTDCCC050EC

Tot Ion: 76 Resp: 510857

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 50.351 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018289.D

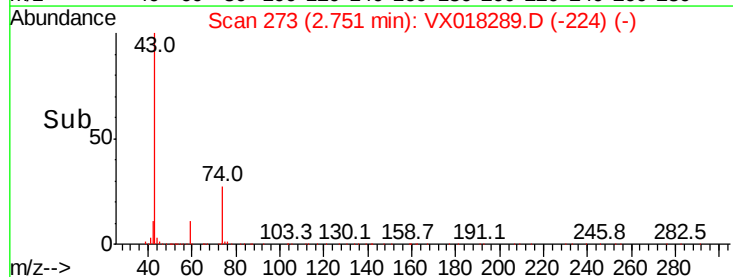
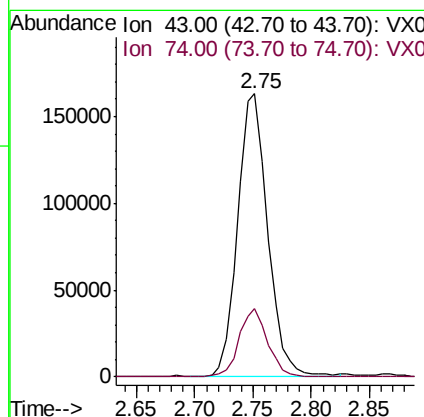
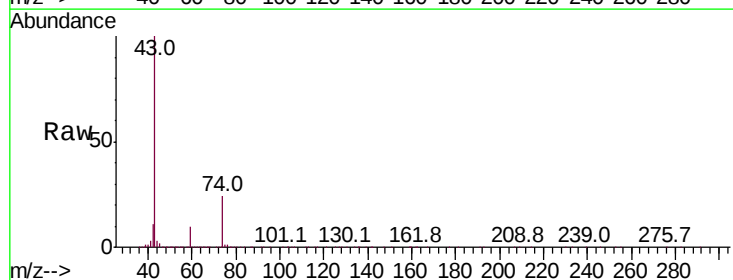
Acq: 08 Sep 2020 20:35

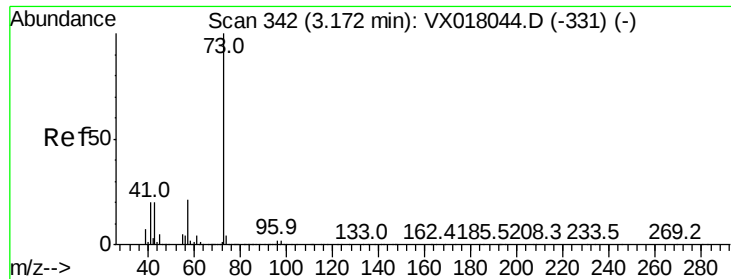
Tgt Ion: 43 Resp: 291737

Ion Ratio Lower Upper

43 100

74 23.7 18.2 27.4

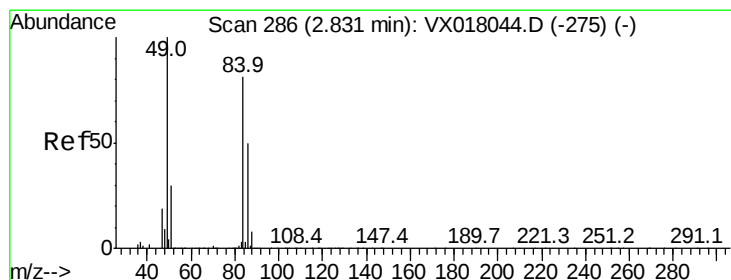
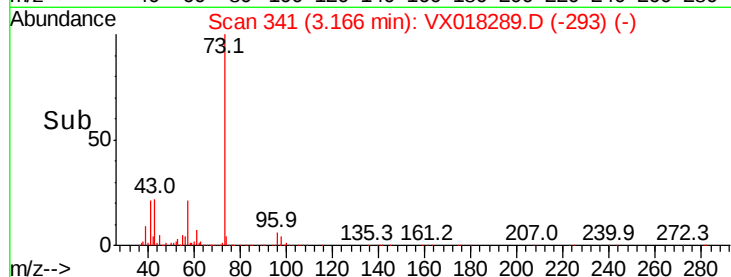
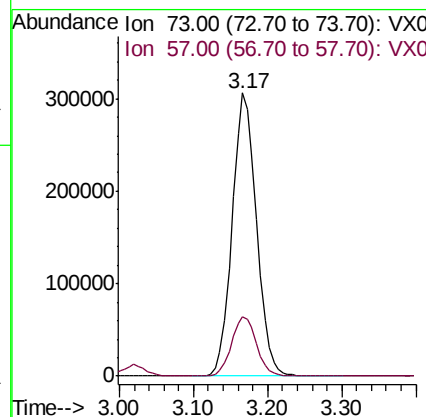
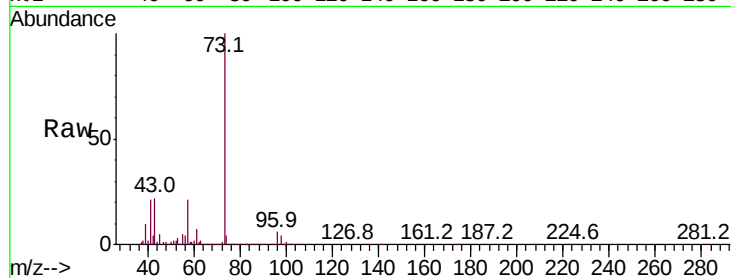




#19
Methvl tert-butvl Ether
Concen: 47.049 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

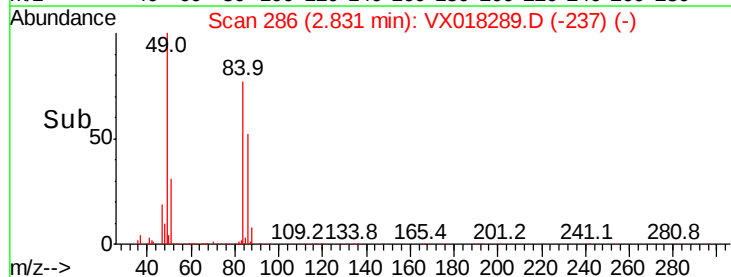
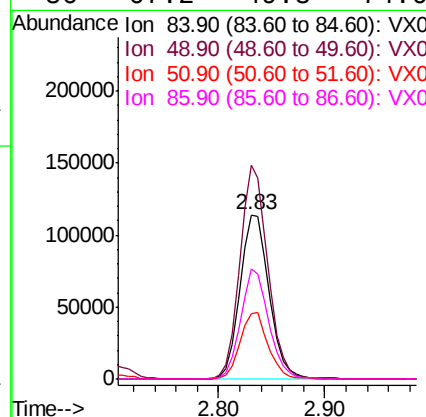
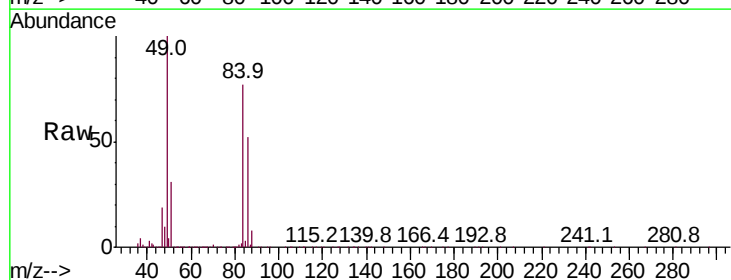
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

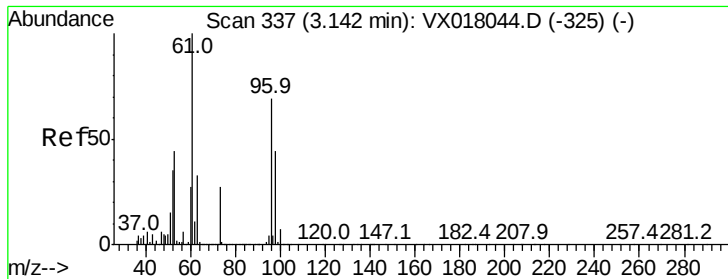
Tot Ion: 73 Resp: 699907
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2



#20
Methylene Chloride
Concen: 44.468 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 84 Resp: 218949
Ion Ratio Lower Upper
84 100
49 130.0 98.6 148.0
51 39.9 29.6 44.4
86 67.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 42.499 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

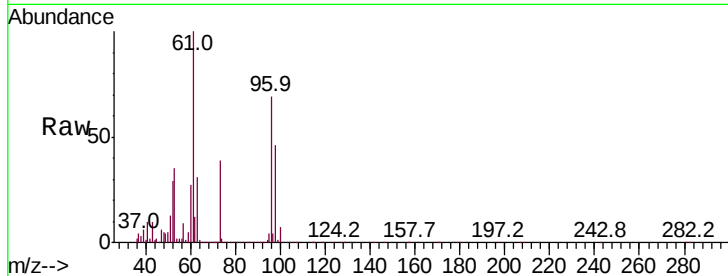
Tot Ion: 96 Resp: 204240

Ion Ratio Lower Upper

96 100

61 145.3 115.4 173.0

98 66.3 51.1 76.7

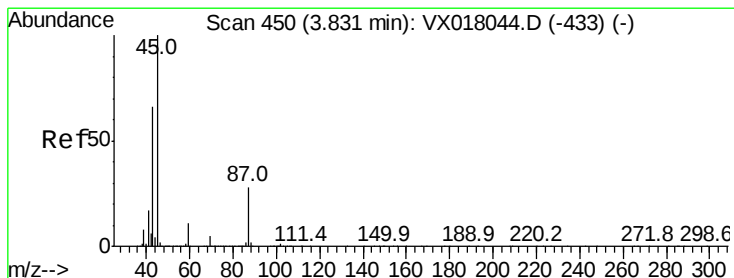
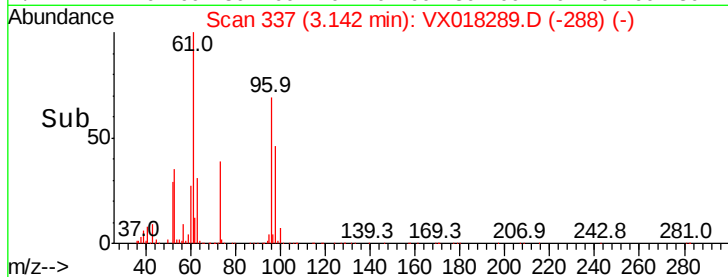
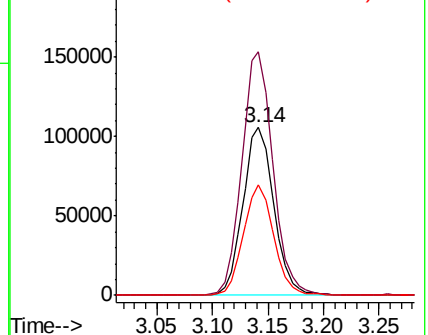


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.855 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 45 Resp: 689931

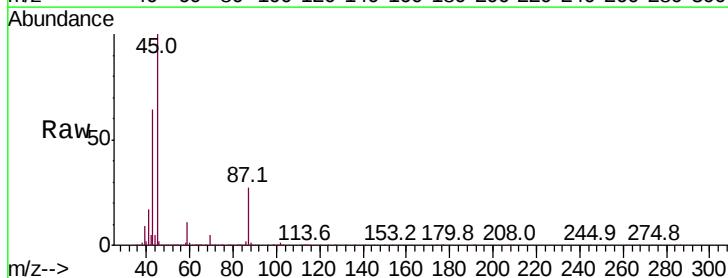
Ion Ratio Lower Upper

45 100

43 63.6 52.8 79.2

87 26.9 22.5 33.7

59 11.2 9.0 13.6



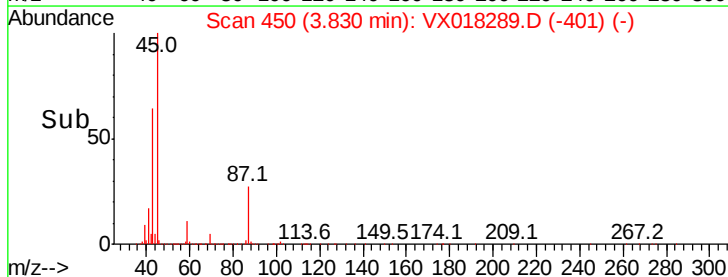
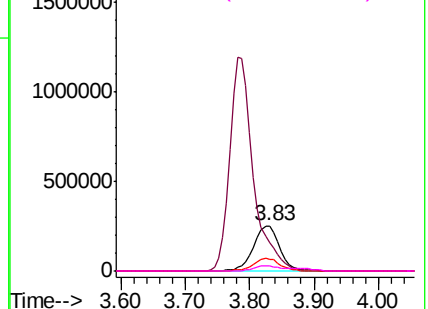
Abundance

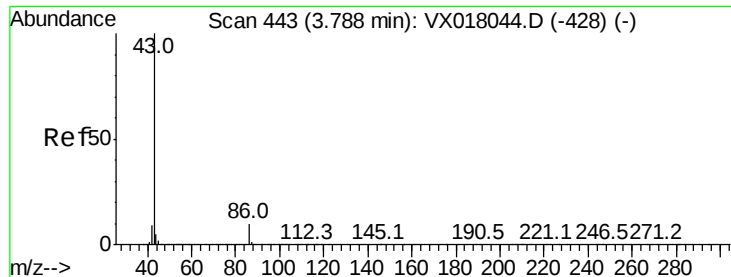
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 225.077 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleID :

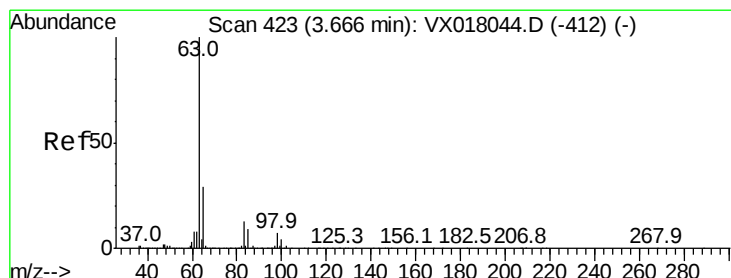
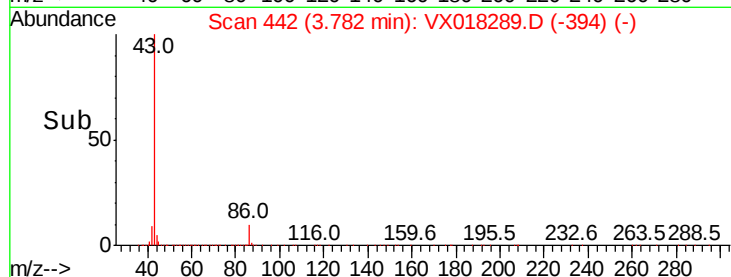
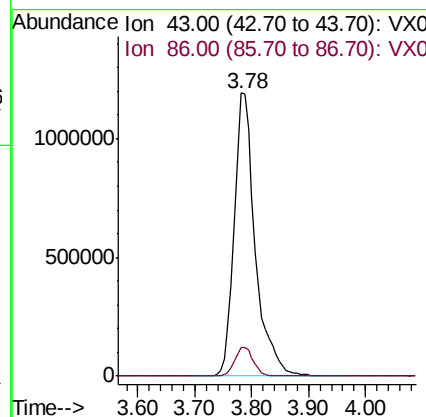
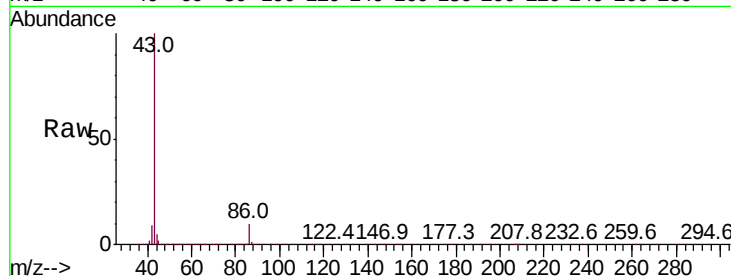
VSTDCCC050EC

Tot Ion: 43 Resp: 3080516

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 44.840 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

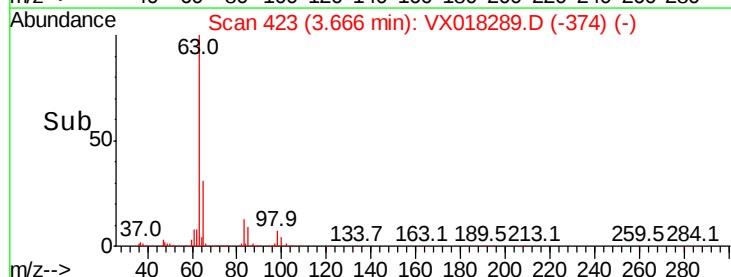
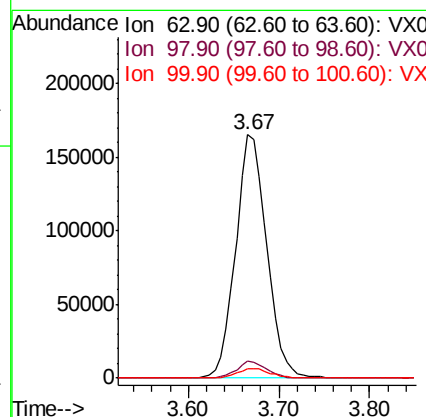
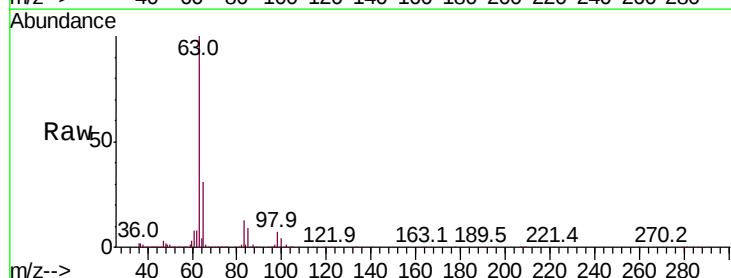
Tgt Ion: 63 Resp: 392609

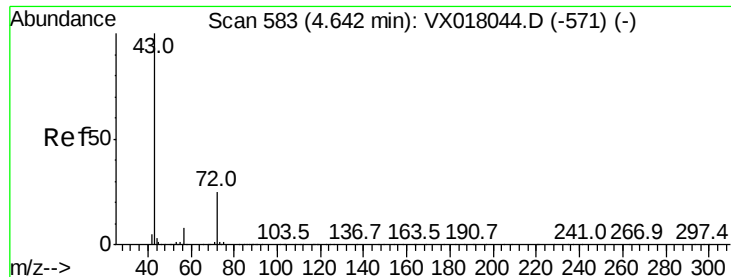
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 210.293 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

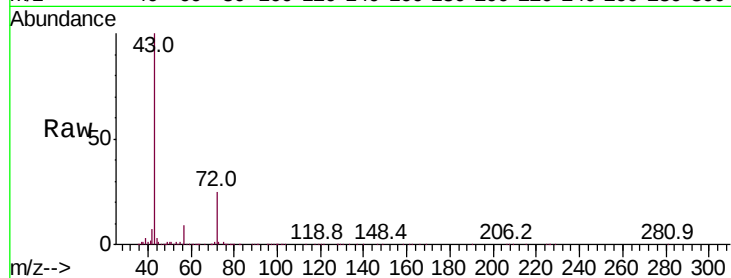
VSTDCCC050EC

Tot Ion: 43 Resp: 829836

Ion Ratio Lower Upper

43 100

72 25.3 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

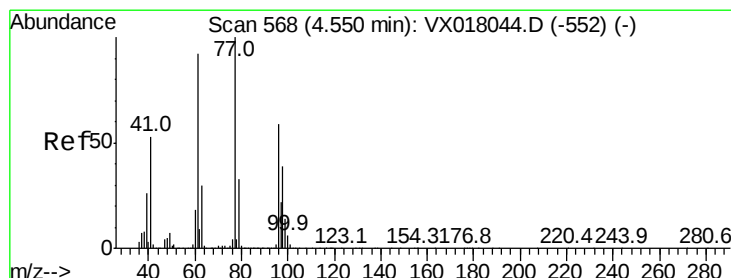
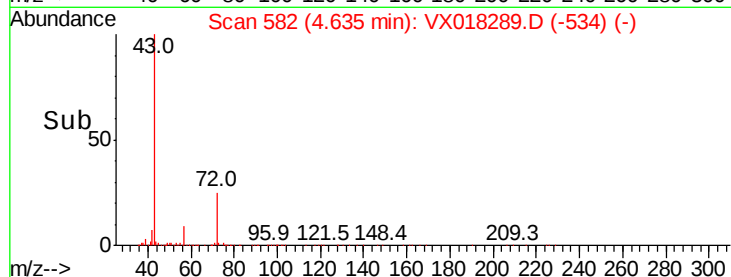
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.001 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018289.D

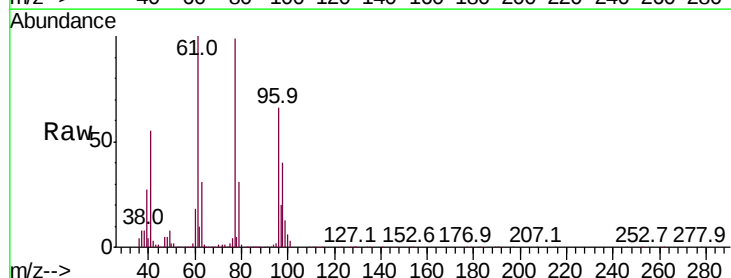
Acq: 08 Sep 2020 20:35

Tgt Ion: 77 Resp: 306342

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

100000

80000

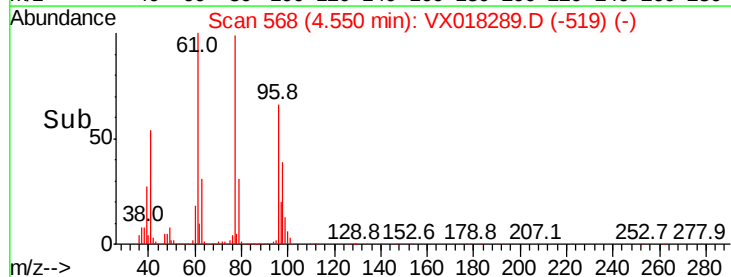
60000

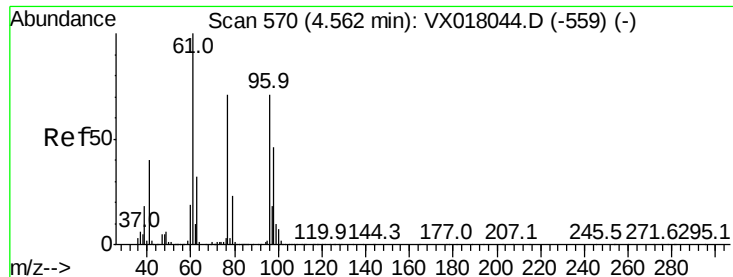
40000

20000

0

Time-->



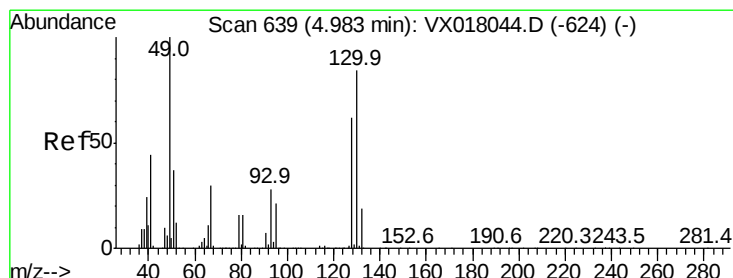
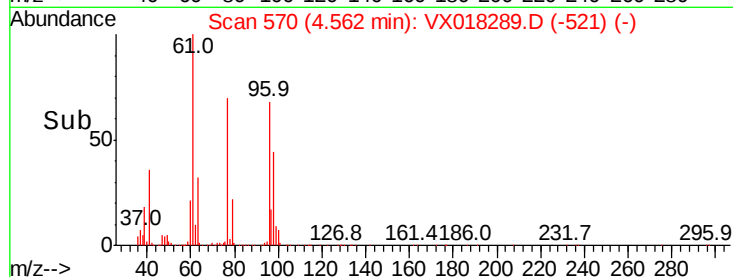
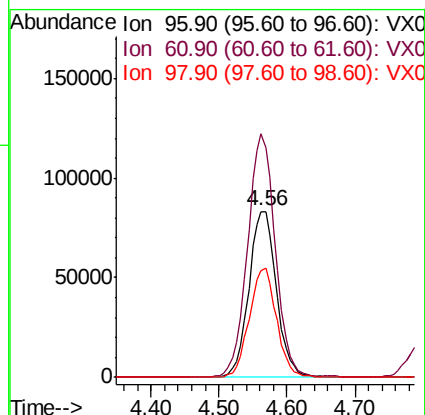
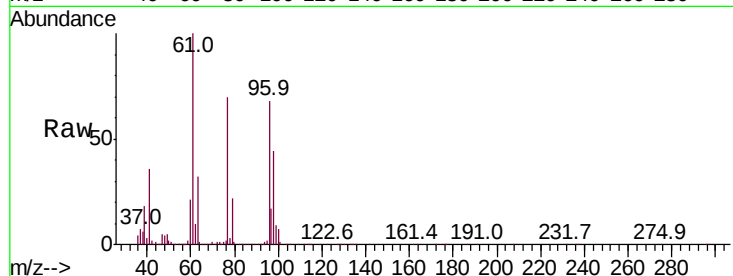


#27

cis-1,2-Dichloroethene
Concen: 42.435 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

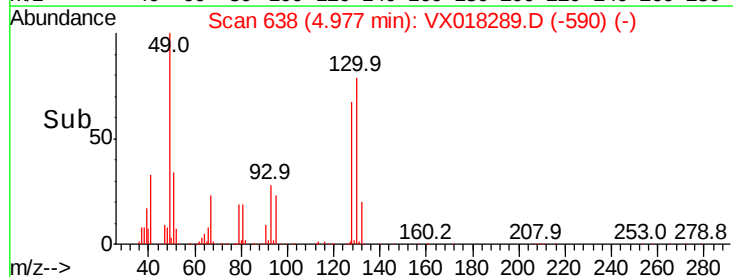
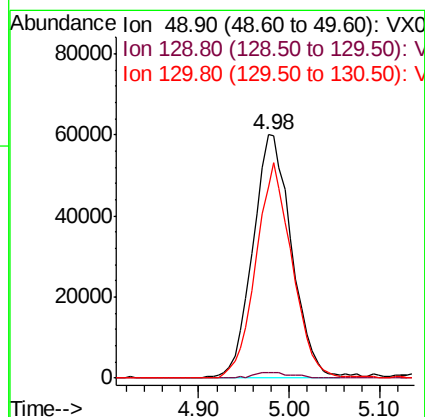
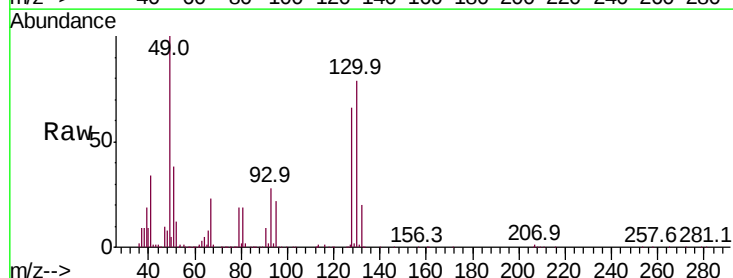
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	296.6
98	65.2	0.0	130.2

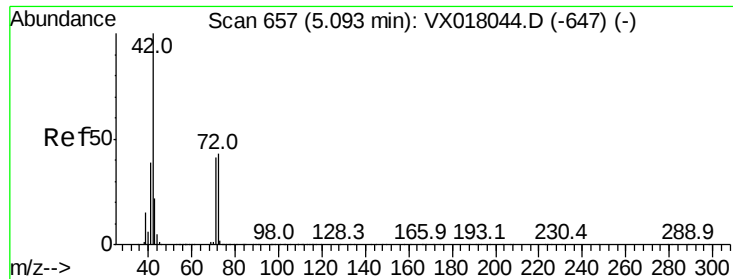


#28

Bromochloromethane
Concen: 41.625 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	83.7	64.6	96.8

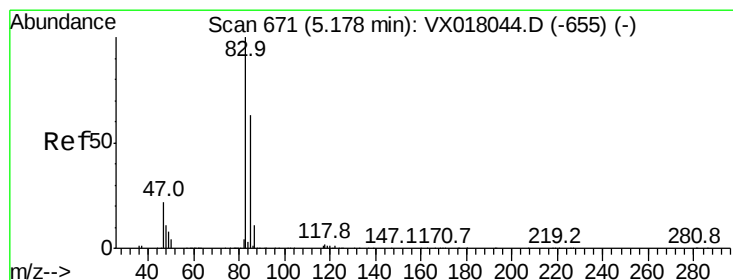
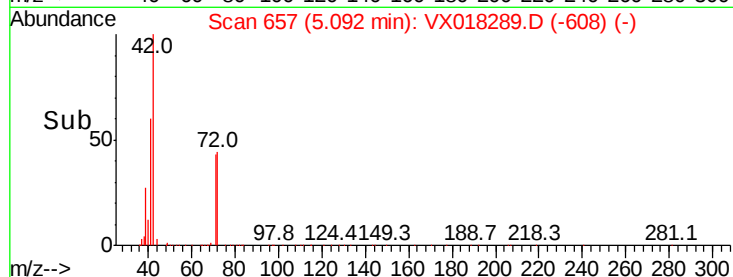
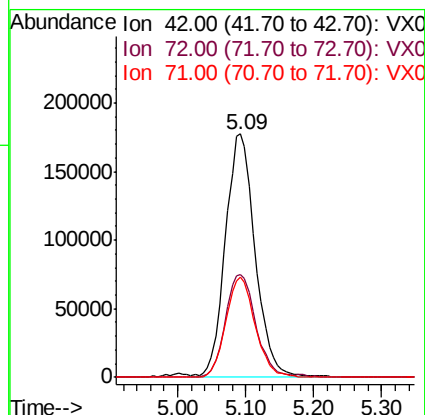
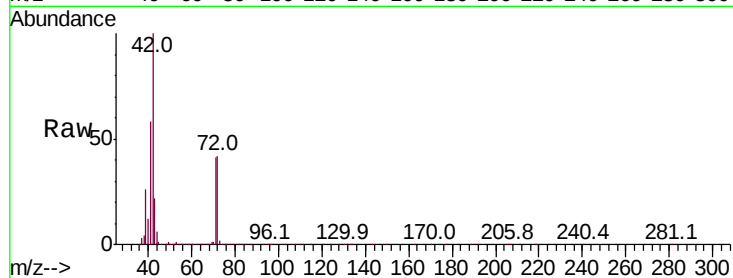




#29
Tetrahydrofuran
Concen: 212.414 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

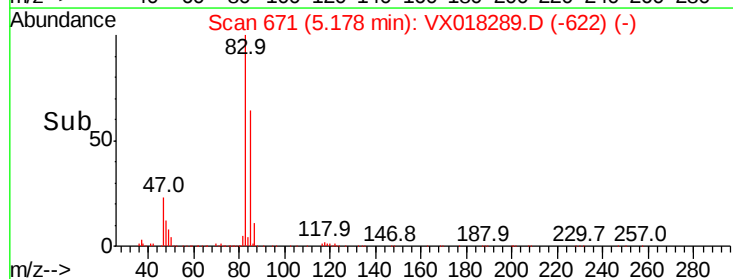
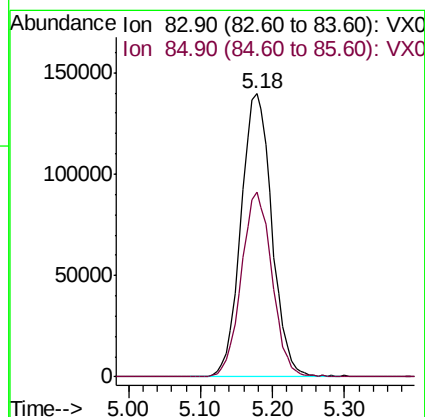
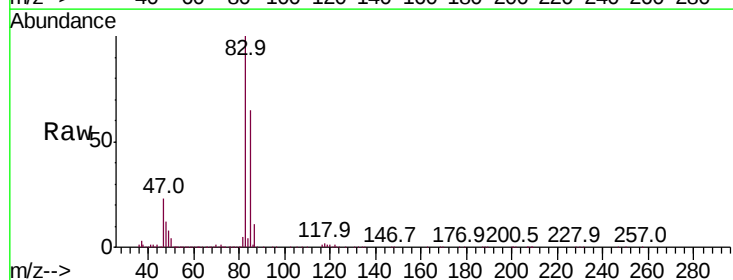
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

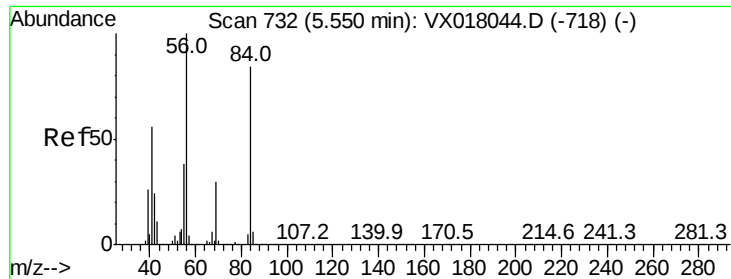
Tot Ion: 42 Resp: 533586
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.7 32.1 48.1



#30
Chloroform
Concen: 45.939 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 83 Resp: 416492
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1

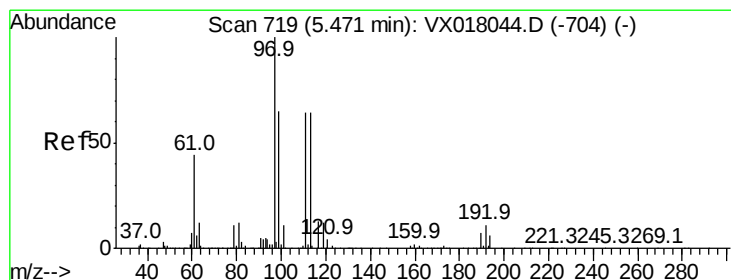
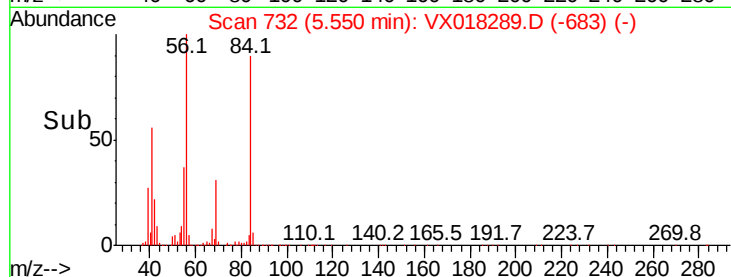
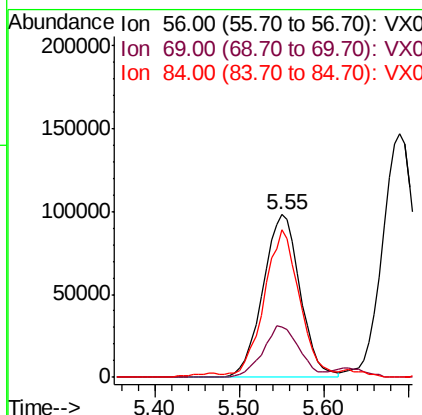
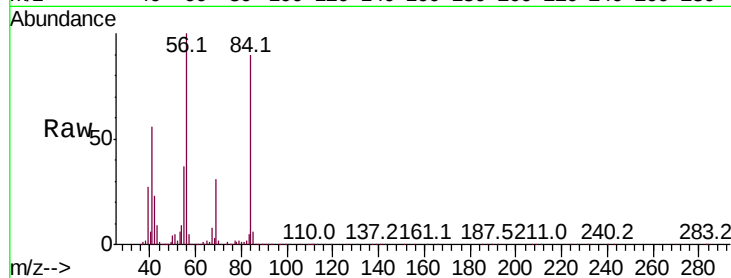




#31
Cyclohexane
Concen: 40.600 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

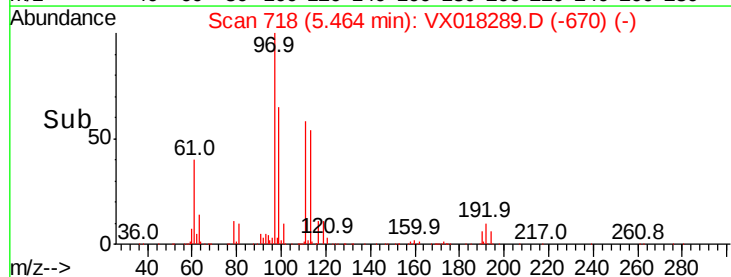
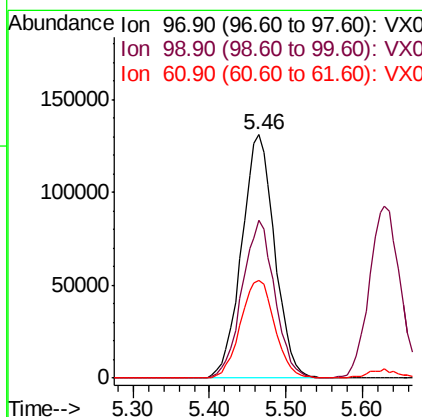
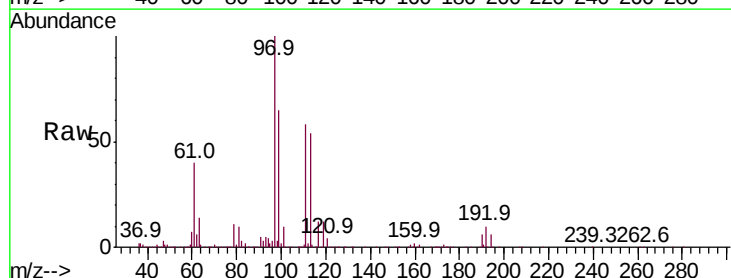
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

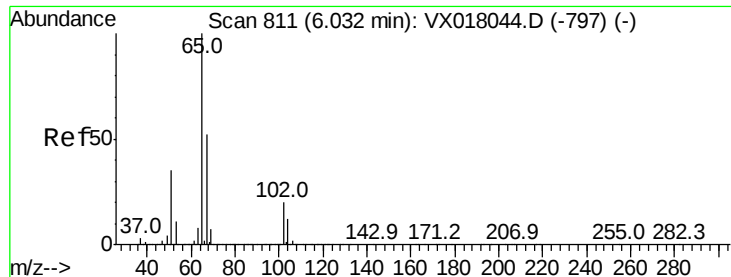
Tot Ion: 56 Resp: 299444
Ion Ratio Lower Upper
56 100
69 31.0 23.9 35.9
84 89.6 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 47.245 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 97 Resp: 393078
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 41.3 34.2 51.4

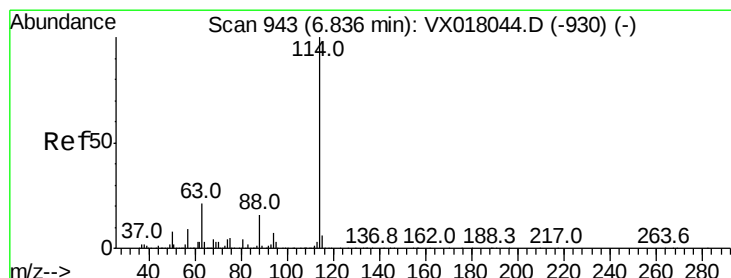
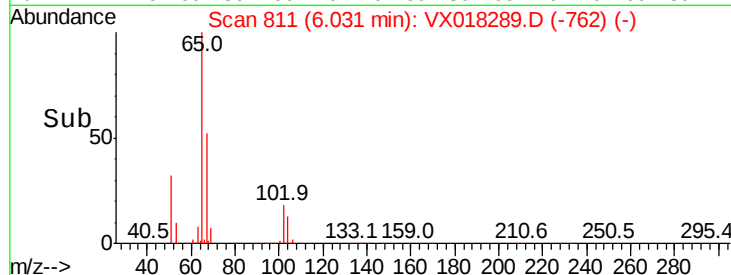
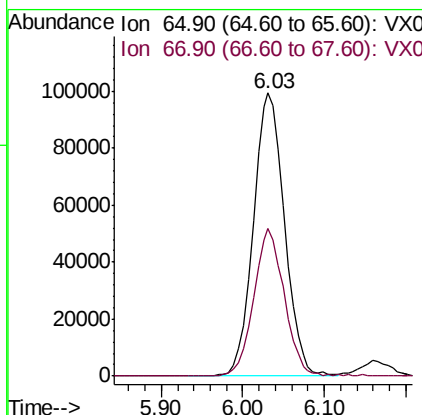
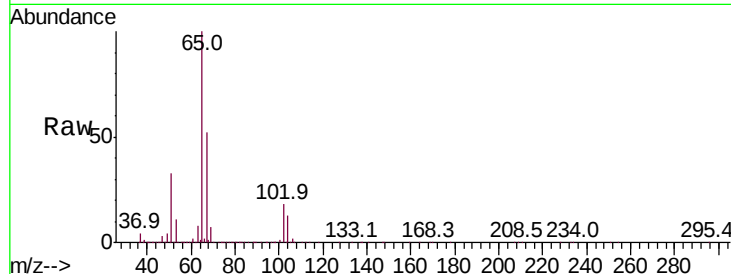




#33
 1,2-Dichloroethane-d4
 Concen: 42.922 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

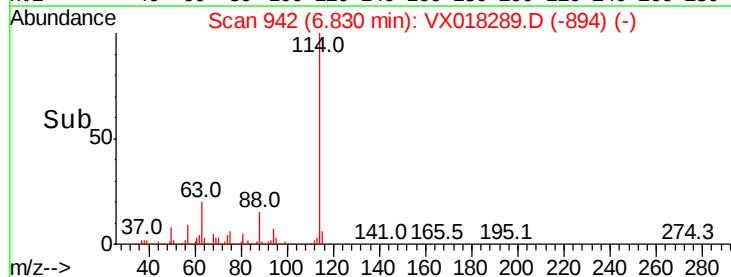
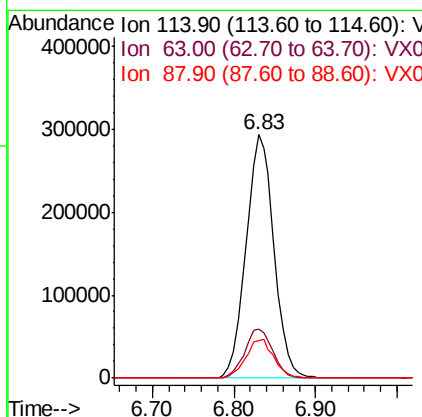
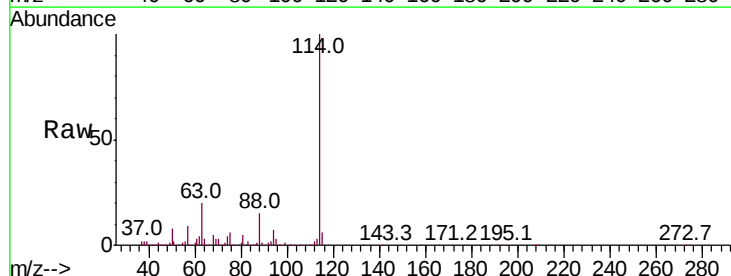
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

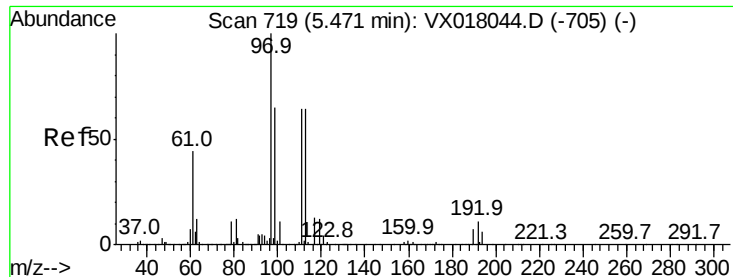
Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.4	0.0	31.8

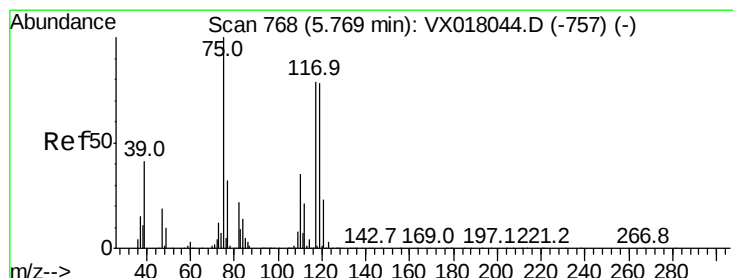
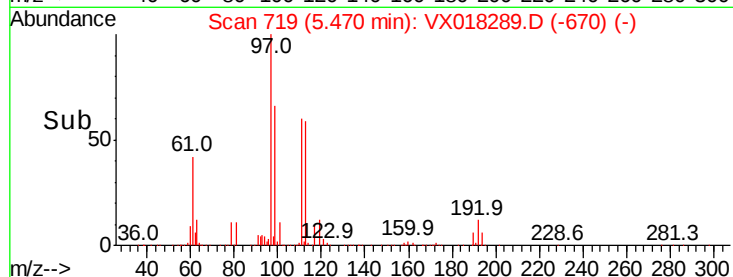
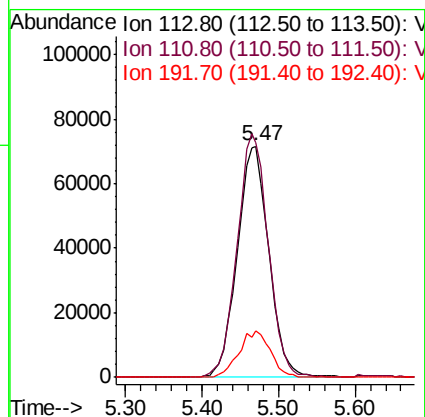
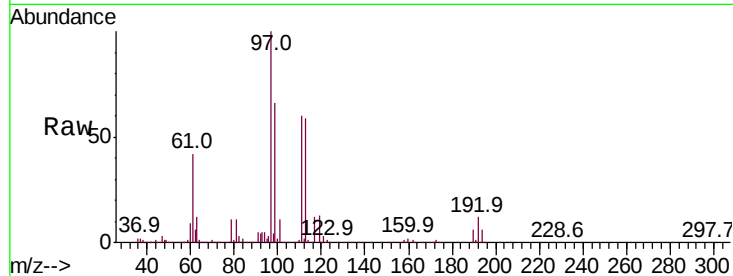




#35
Dibromofluoromethane
Concen: 43.075 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

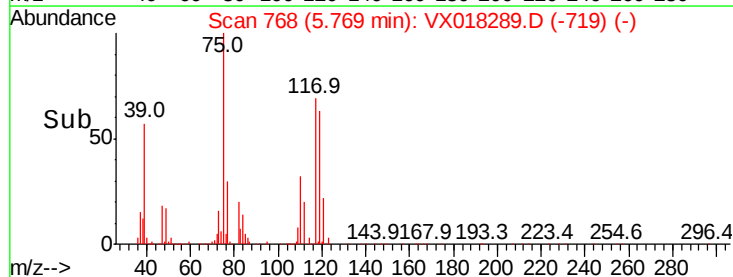
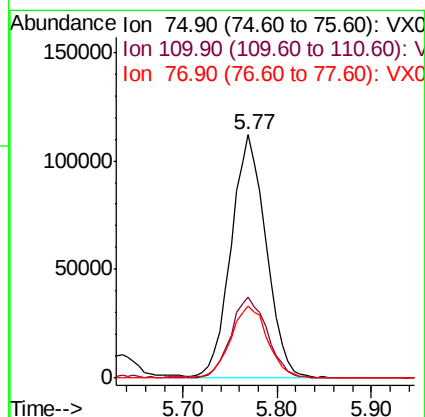
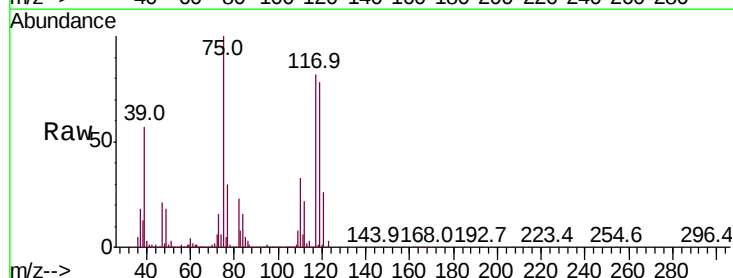
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

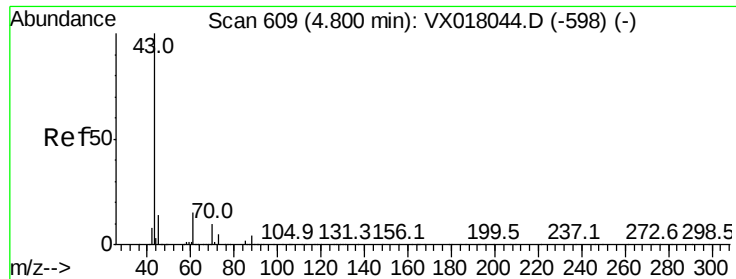
Tot Ion:113 Resp: 204317
Ion Ratio Lower Upper
113 100
111 104.4 81.6 122.4
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 44.807 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 75 Resp: 287830
Ion Ratio Lower Upper
75 100
110 35.1 18.0 54.0
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 43.666 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

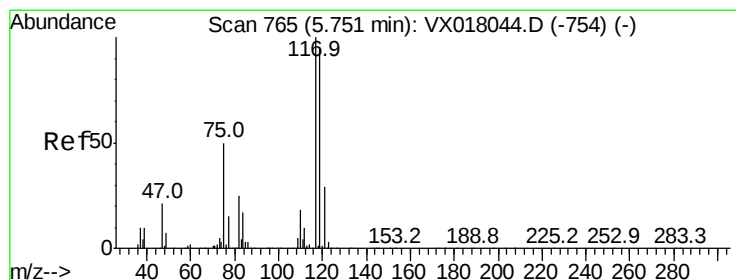
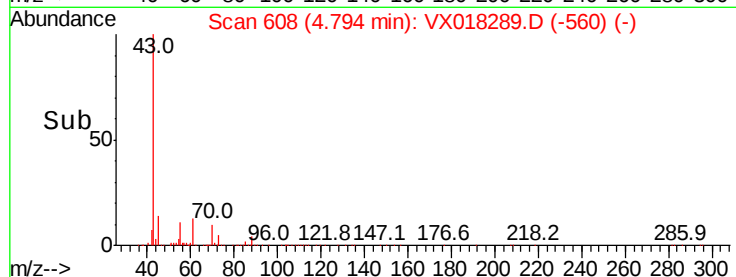
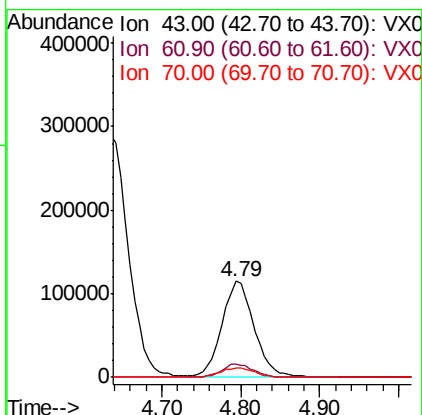
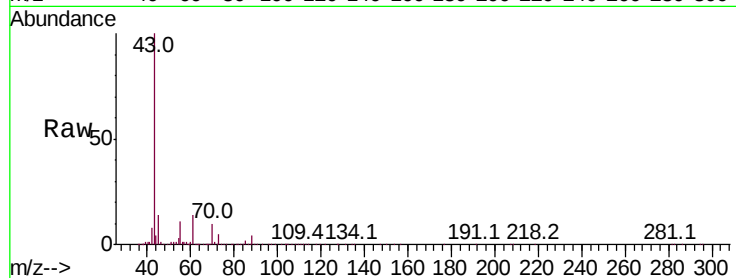
Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 325787

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.4	8.2	12.4



#38

Carbon Tetrachloride

Concen: 49.416 ug/l

RT: 5.76 min Scan# 766

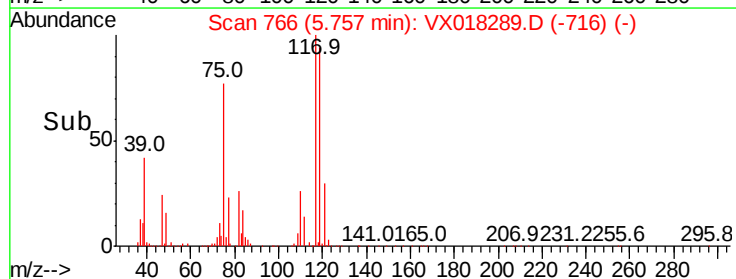
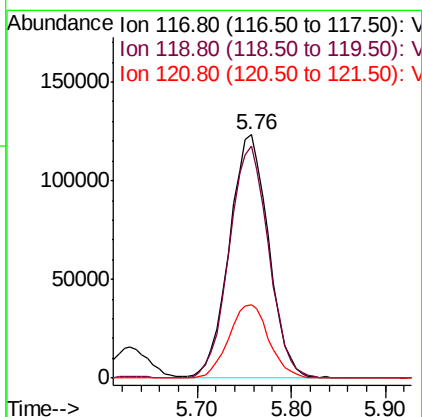
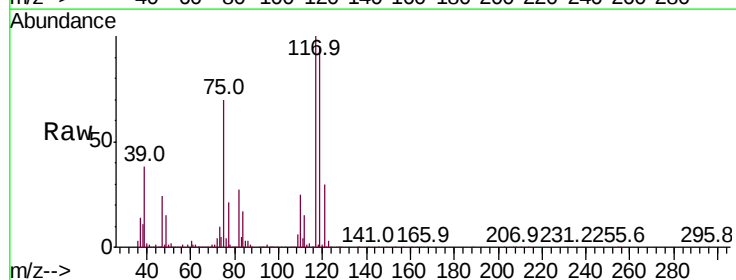
Delta R.T. 0.01 min

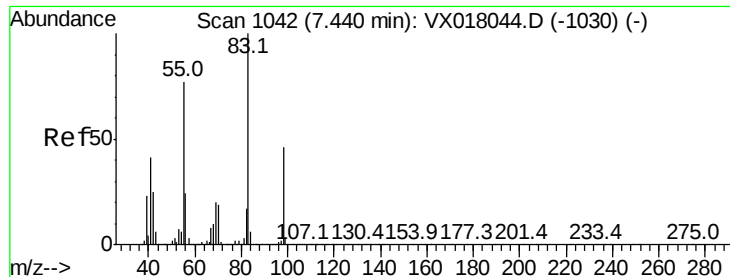
Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 117 Resp: 357741

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
121	29.9	23.4	35.0

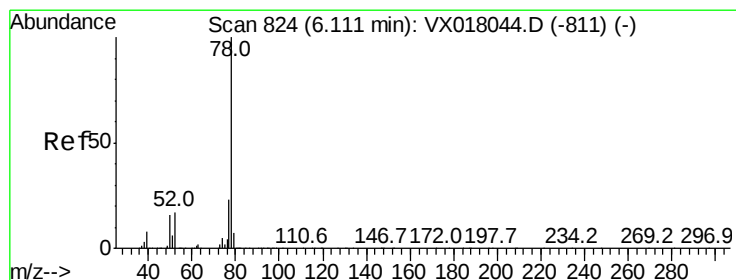
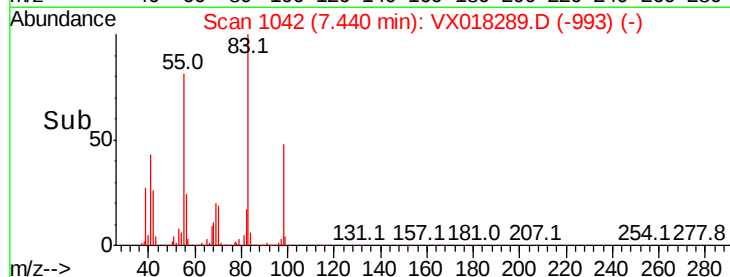
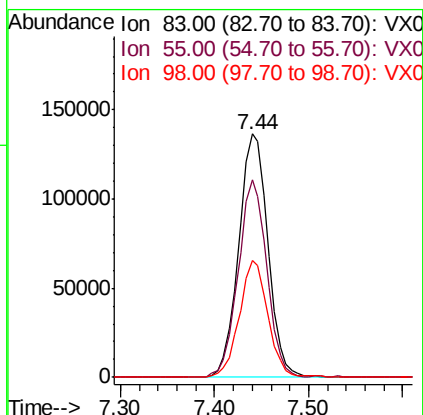
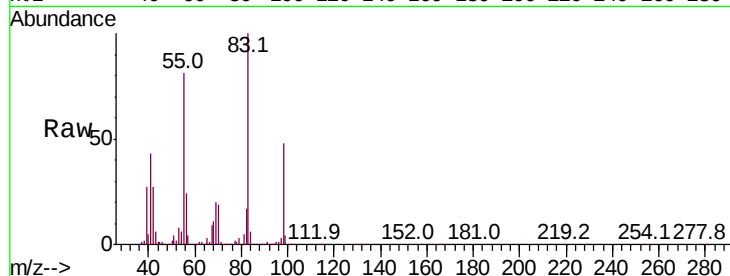




#39
Methvlcvclohexane
Concen: 42.211 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

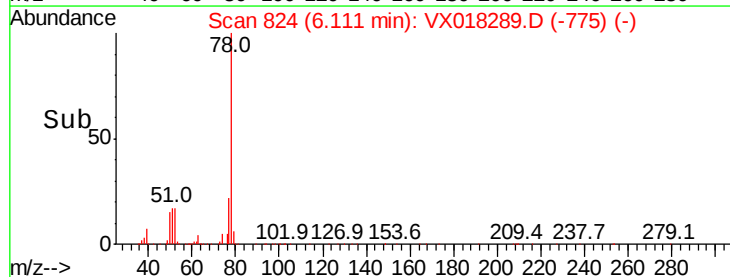
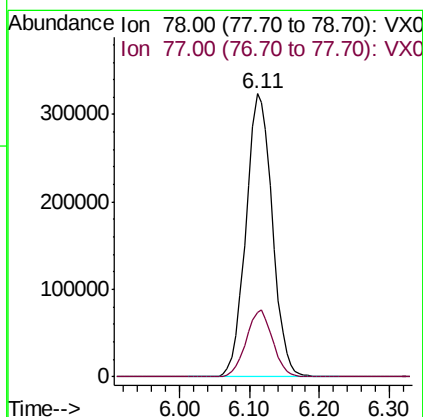
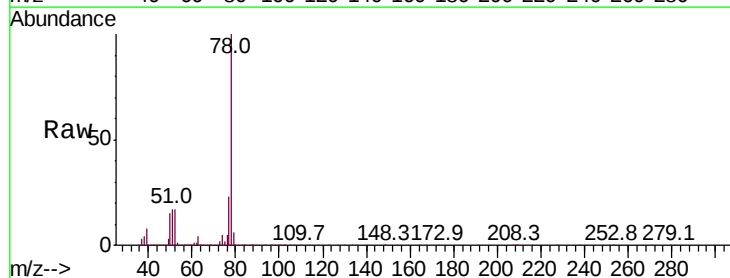
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

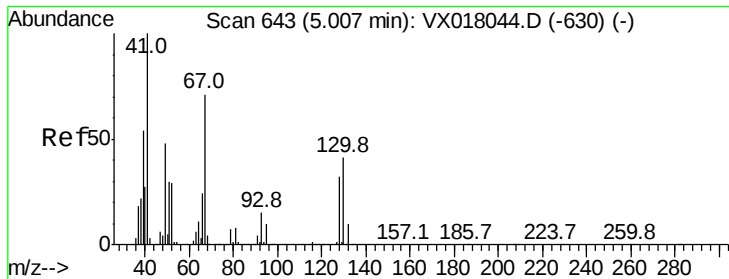
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	61.8	92.6
98	48.1	36.6	55.0



#40
Benzene
Concen: 44.844 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





#41

Methacrylonitrile

Concen: 43.313 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 177436

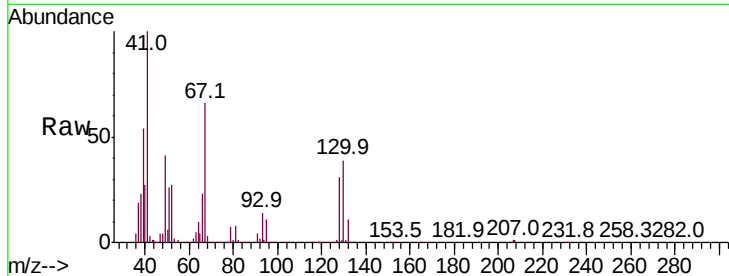
Ion Ratio Lower Upper

41 100

39 56.5 43.1 64.7

67 70.2 56.0 84.0

52 30.0 22.7 34.1

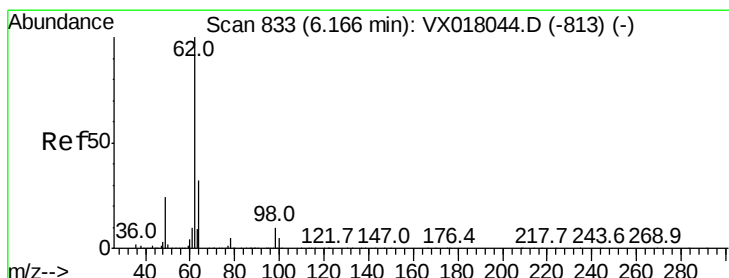
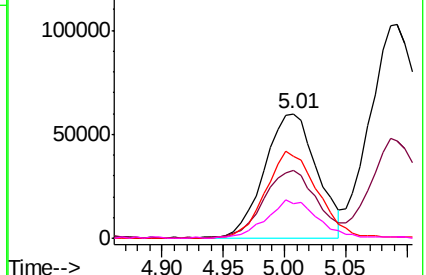
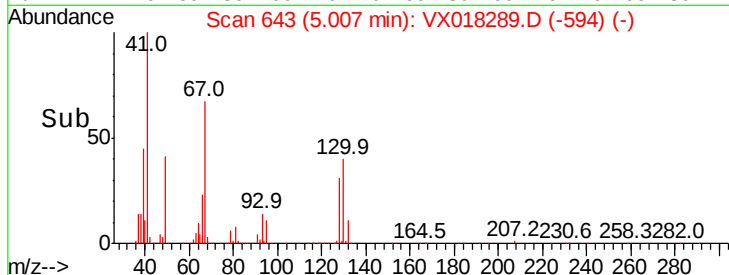


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.406 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018289.D

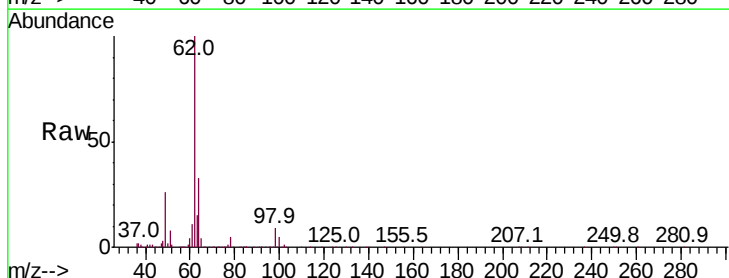
Acq: 08 Sep 2020 20:35

Tgt Ion: 62 Resp: 357301

Ion Ratio Lower Upper

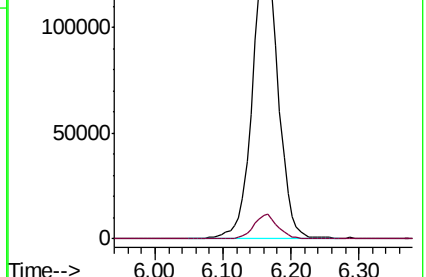
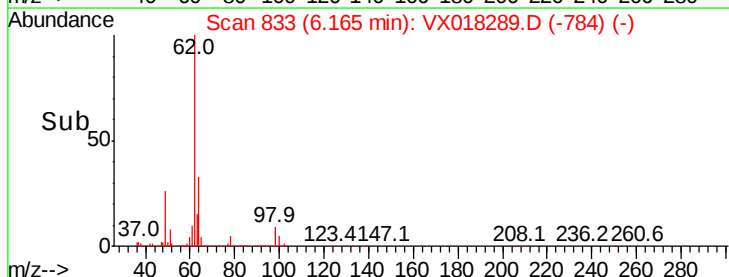
62 100

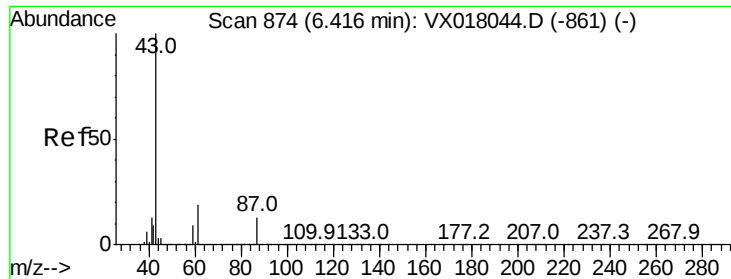
98 8.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 43.730 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

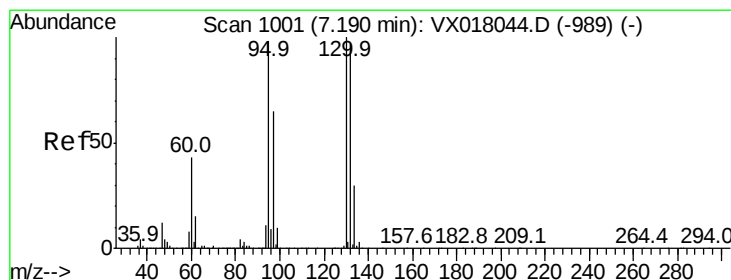
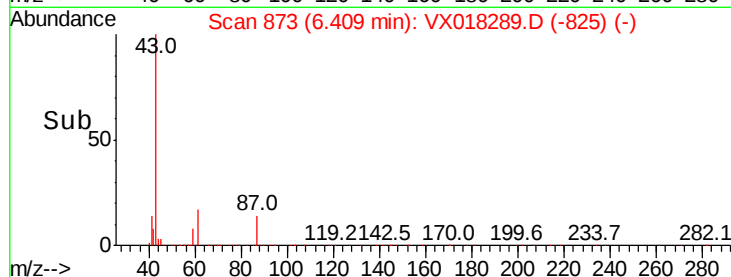
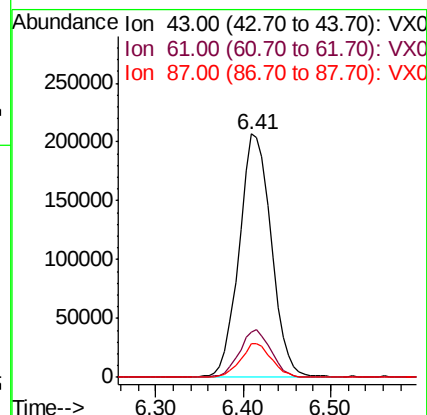
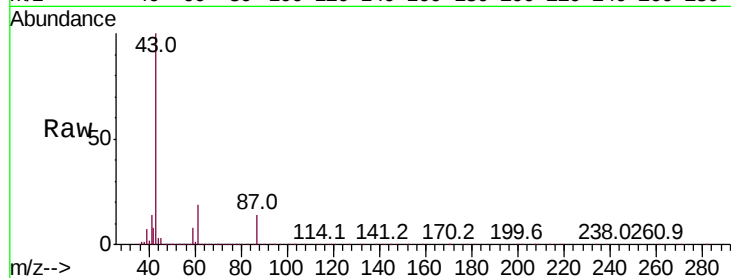
Tot Ion: 43 Resp: 526977

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

87 13.3 10.3 15.5



#44

Trichloroethene

Concen: 44.621 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018289.D

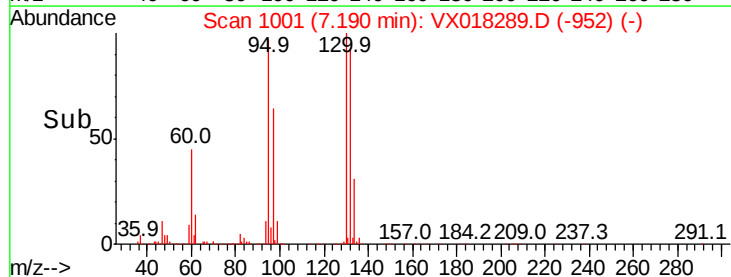
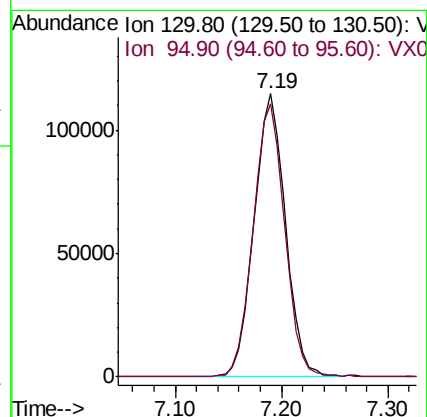
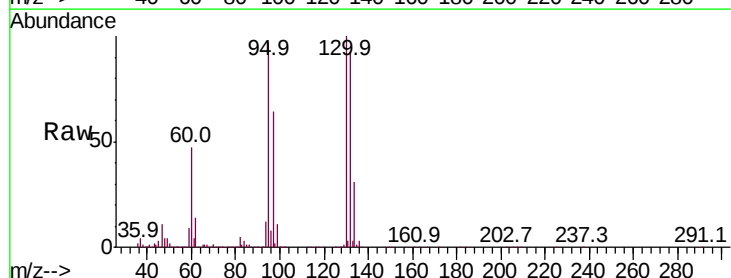
Acq: 08 Sep 2020 20:35

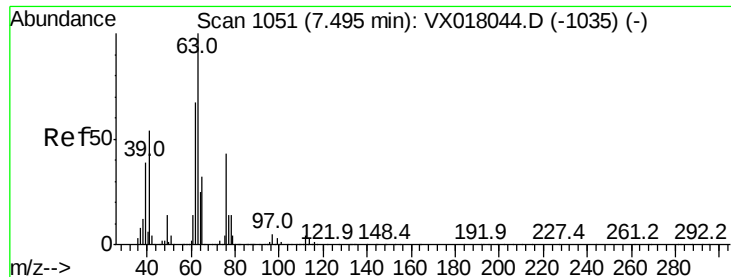
Tgt Ion: 130 Resp: 237983

Ion Ratio Lower Upper

130 100

95 96.6 0.0 196.4





#45

1,2-Dichloropropane

Concen: 44.763 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

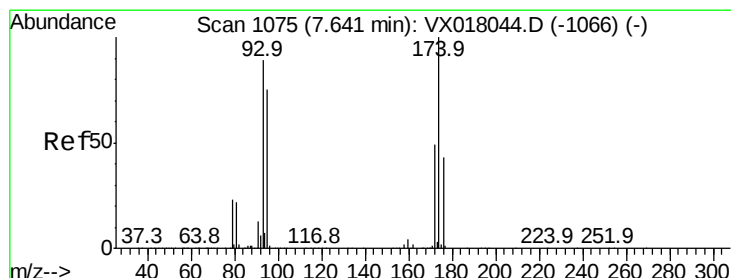
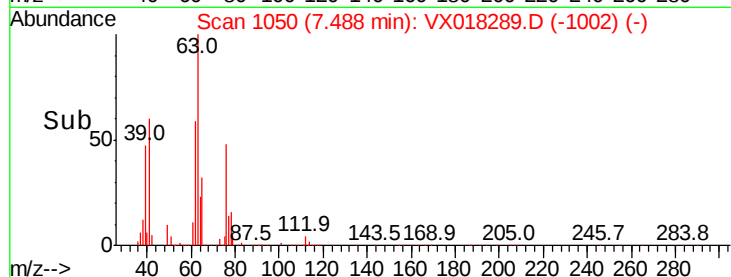
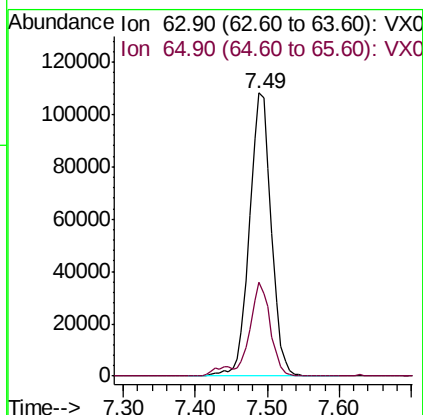
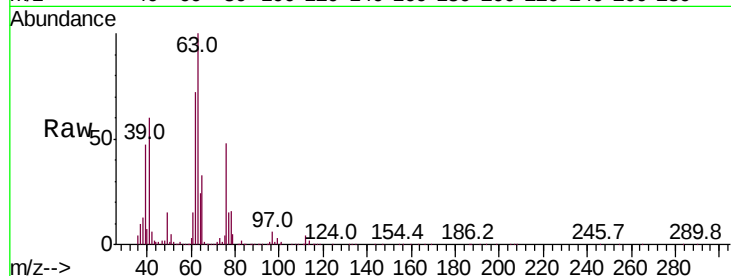
VSTDCCC050EC

Tot Ion: 63 Resp: 227726

Ion Ratio Lower Upper

63 100

65 32.9 25.7 38.5



#46

Dibromomethane

Concen: 46.083 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

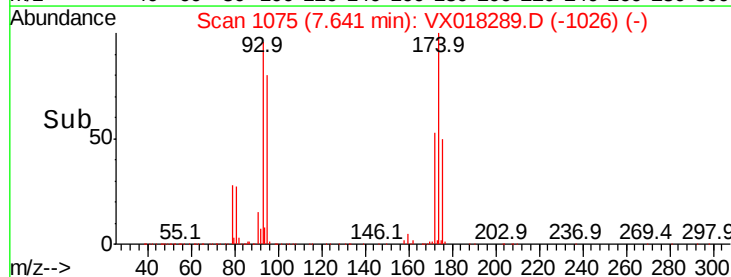
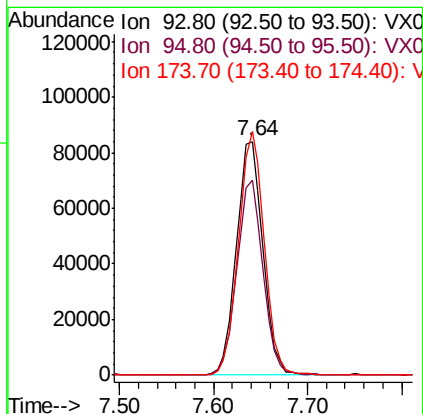
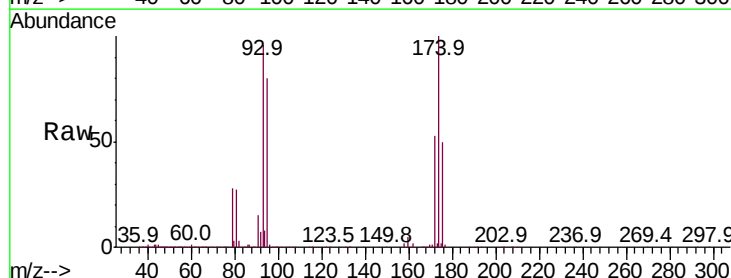
Tgt Ion: 93 Resp: 164862

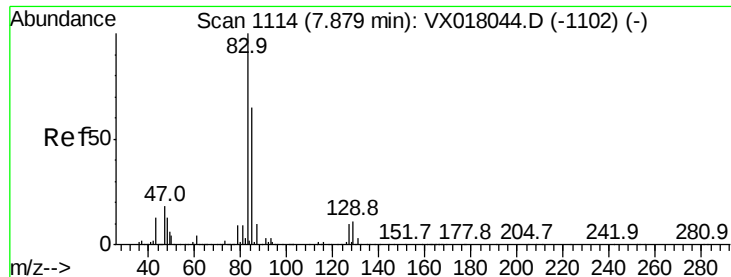
Ion Ratio Lower Upper

93 100

95 81.8 67.3 100.9

174 101.1 82.2 123.2





#47

Bromodichloromethane

Concen: 48.138 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

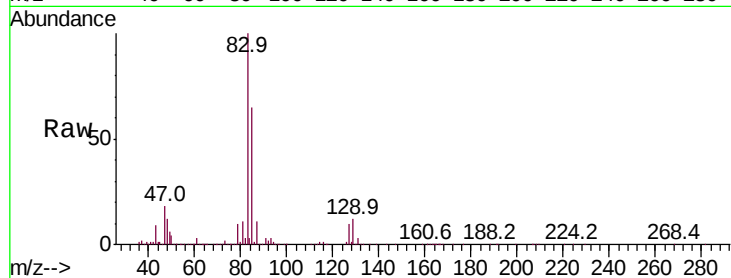
Tot Ion: 83 Resp: 343854

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

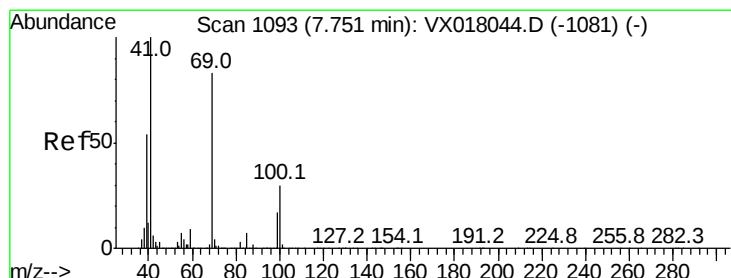
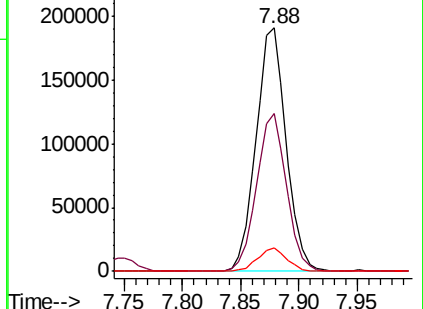
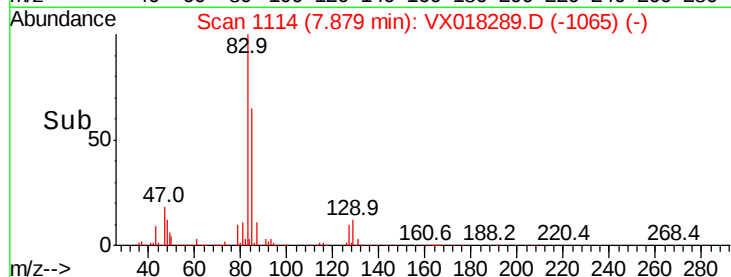
127 9.8 7.7 11.5



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: 43.822 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

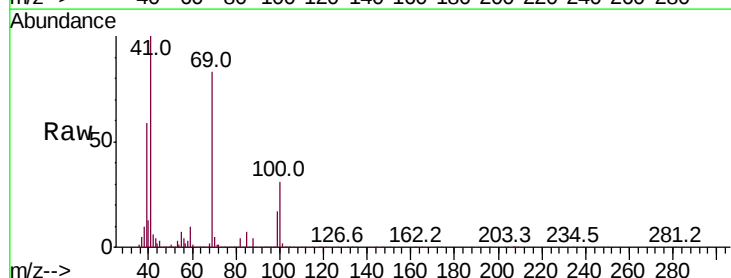
Tgt Ion: 41 Resp: 262889

Ion Ratio Lower Upper

41 100

69 83.5 65.5 98.3

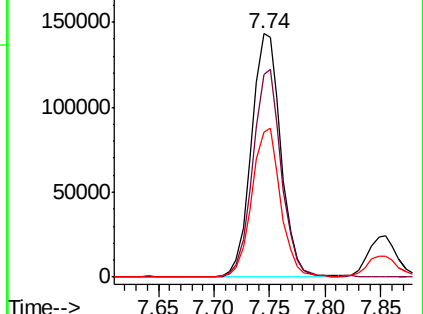
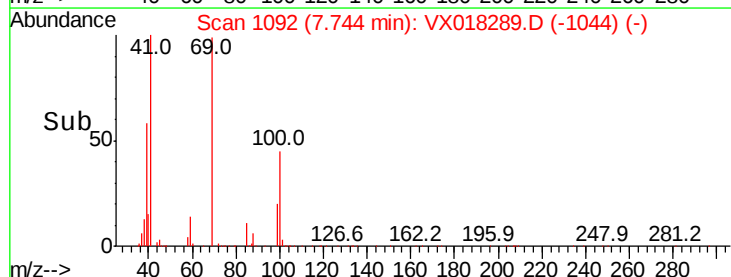
39 59.2 44.5 66.7

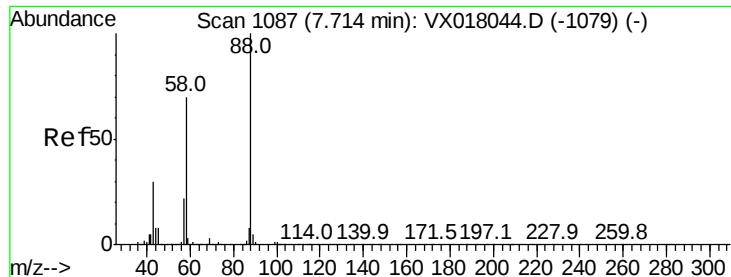


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 823.904 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

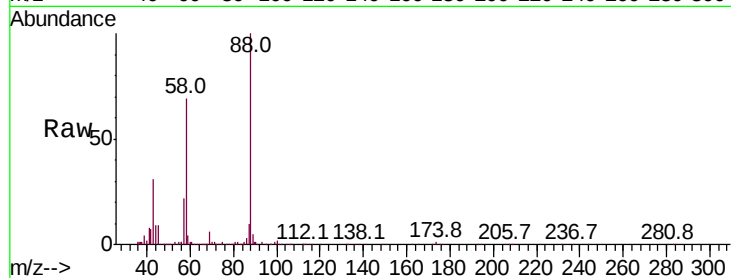
Tot Ion: 88 Resp: 89530

Ion Ratio Lower Upper

88 100

43 37.8 27.4 41.0

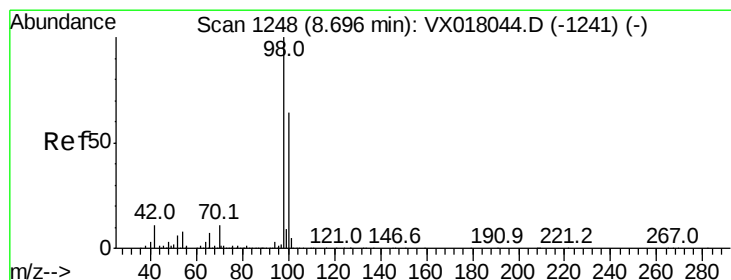
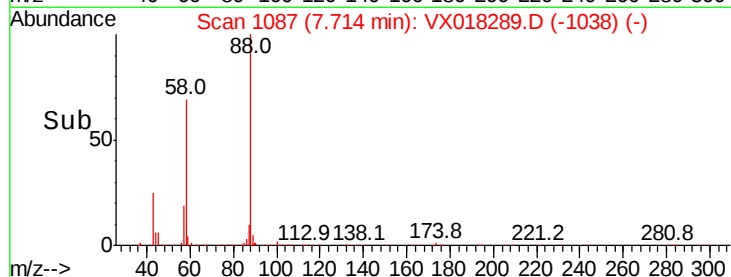
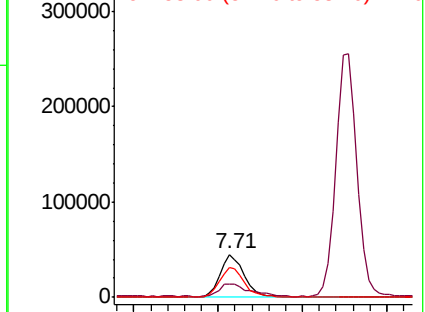
58 71.3 56.4 84.6



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: 40.138 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018289.D

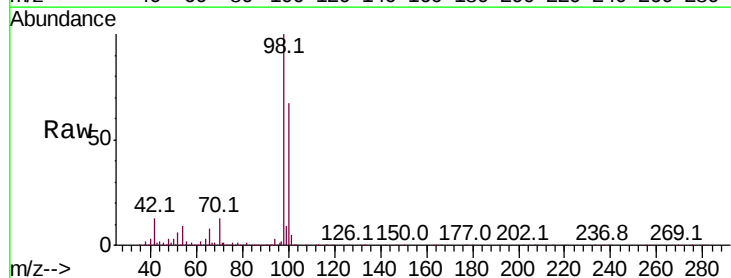
Acq: 08 Sep 2020 20:35

Tgt Ion: 98 Resp: 709094

Ion Ratio Lower Upper

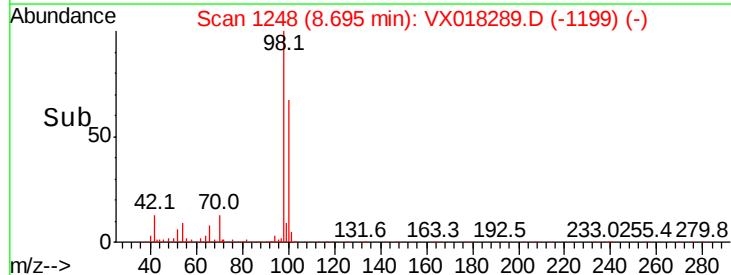
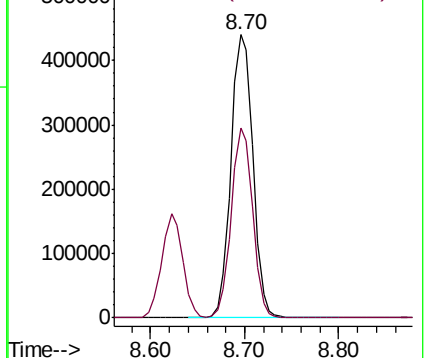
98 100

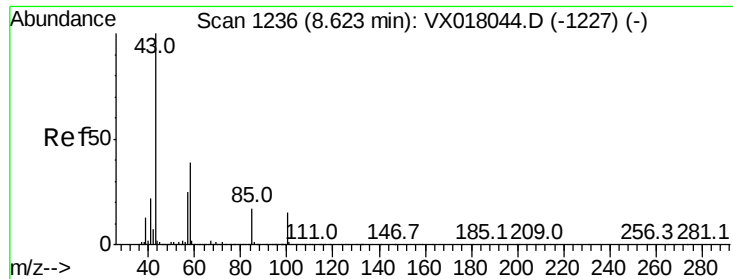
100 65.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 227.754 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

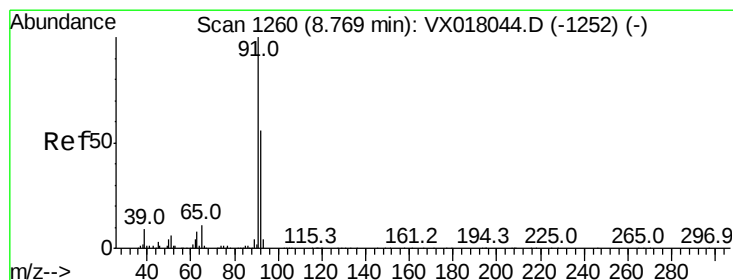
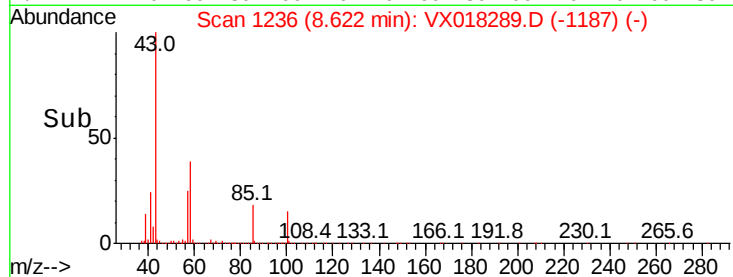
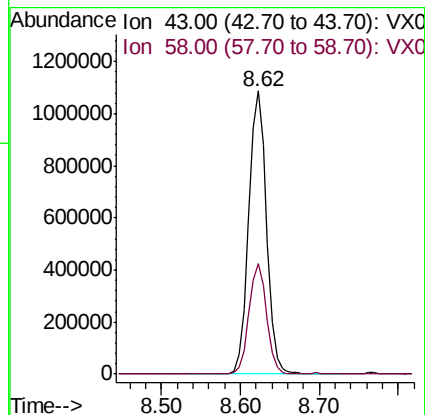
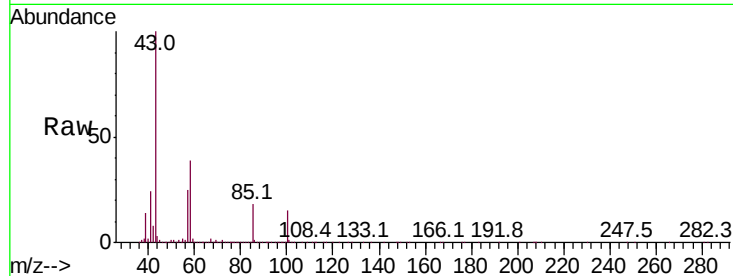
VSTDCCC050EC

Tot Ion: 43 Resp: 1695364

Ion Ratio Lower Upper

43 100

58 38.7 30.7 46.1



#52

Toluene

Concen: 44.663 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018289.D

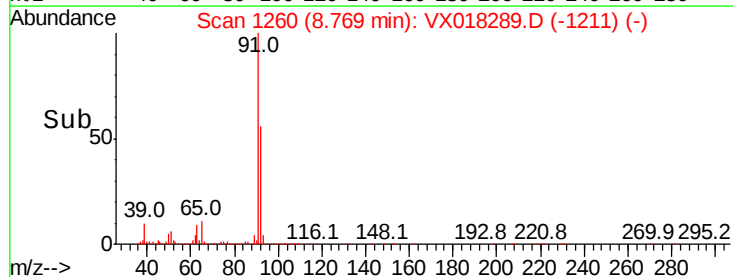
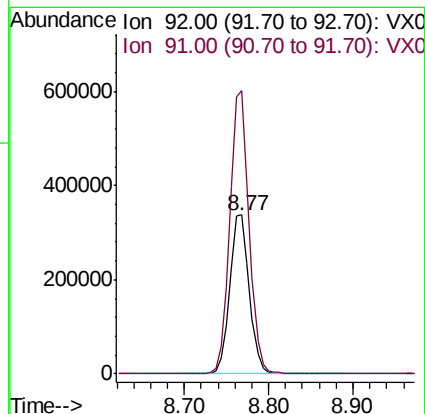
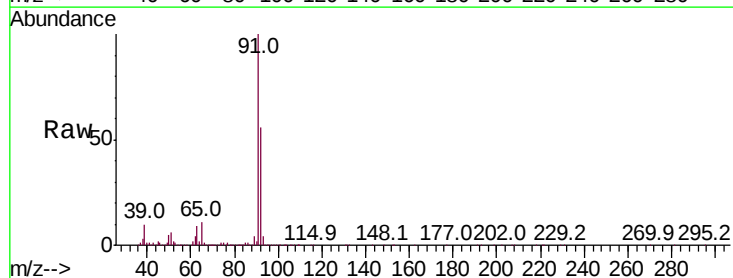
Acq: 08 Sep 2020 20:35

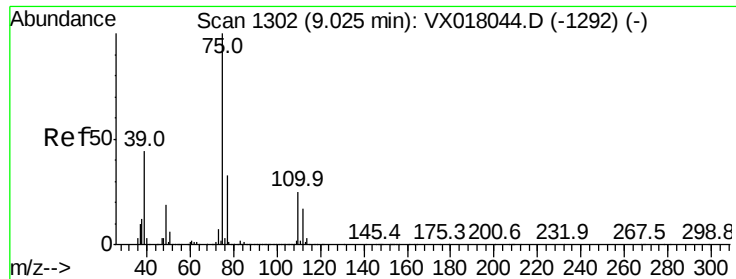
Tgt Ion: 92 Resp: 534570

Ion Ratio Lower Upper

92 100

91 175.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 46.263 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

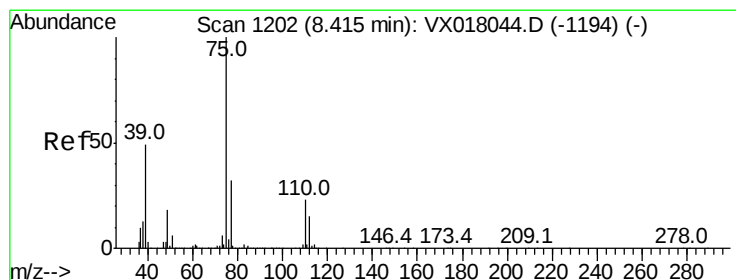
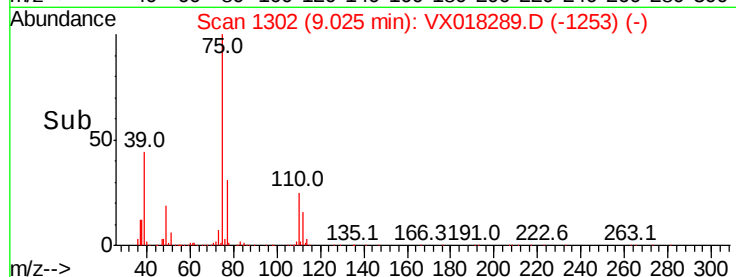
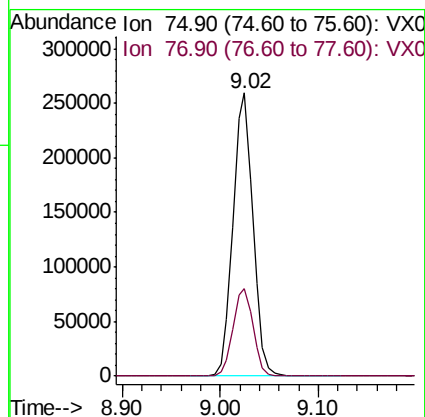
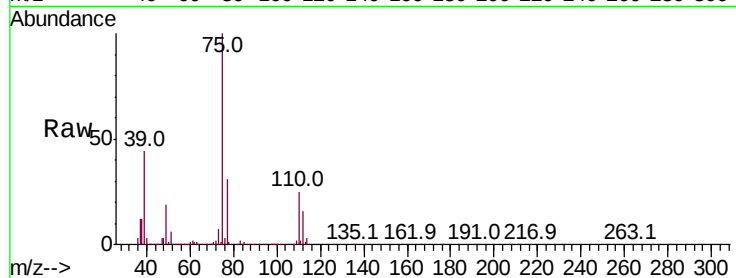
VSTDCCC050EC

Tot Ion: 75 Resp: 366254

Ion Ratio Lower Upper

75 100

77 30.7 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 44.903 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

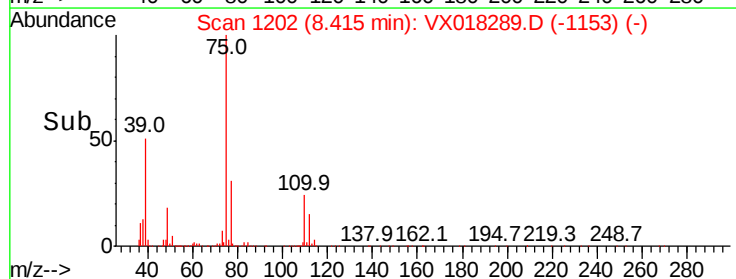
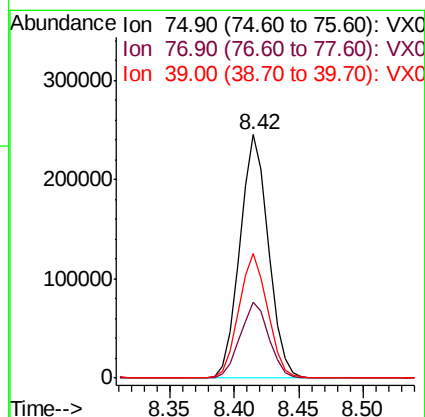
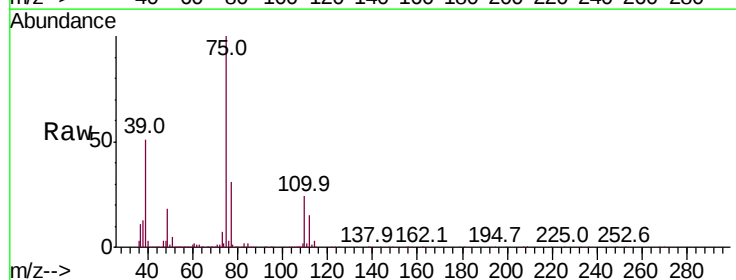
Tgt Ion: 75 Resp: 376575

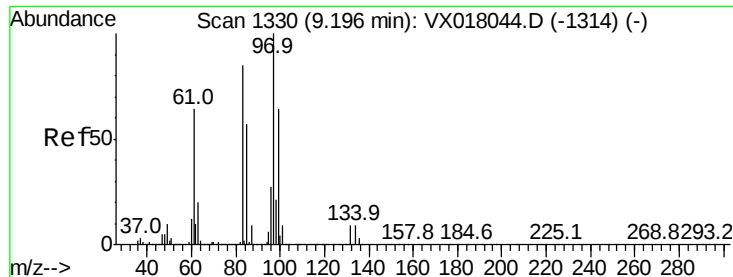
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 51.1 38.8 58.2

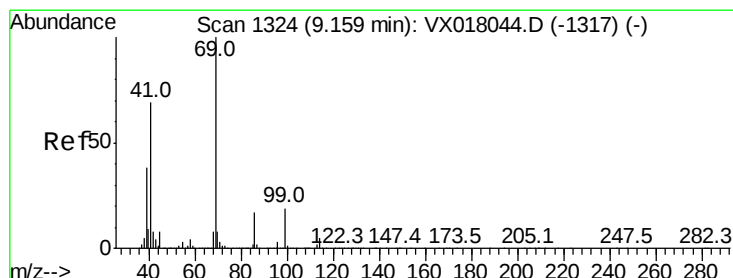
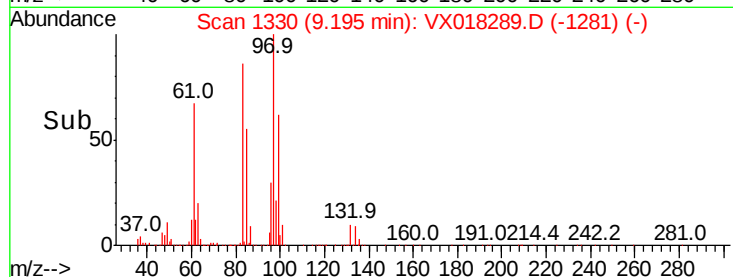
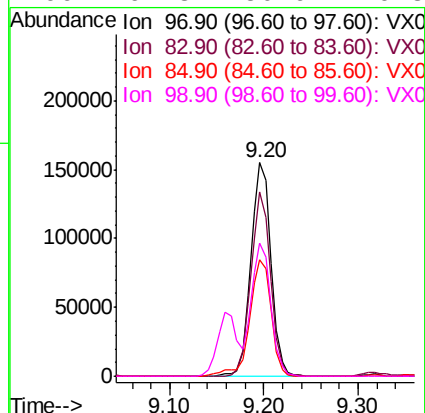
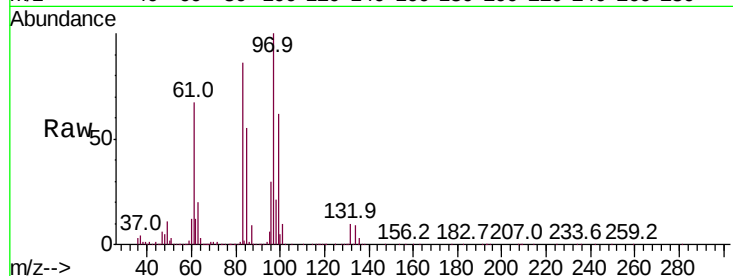




#55
1,1,2-Trichloroethane
Concen: 45.349 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

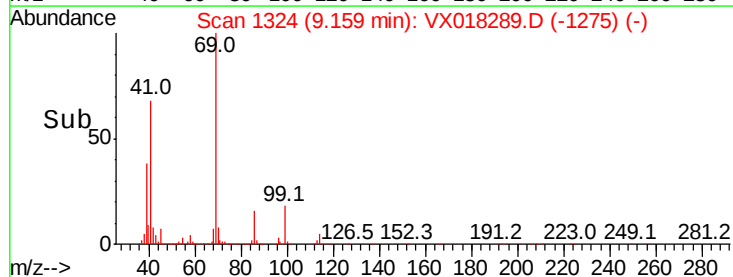
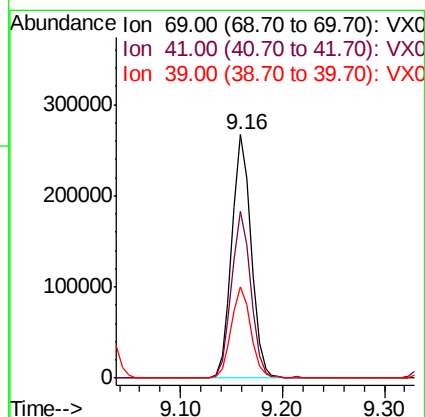
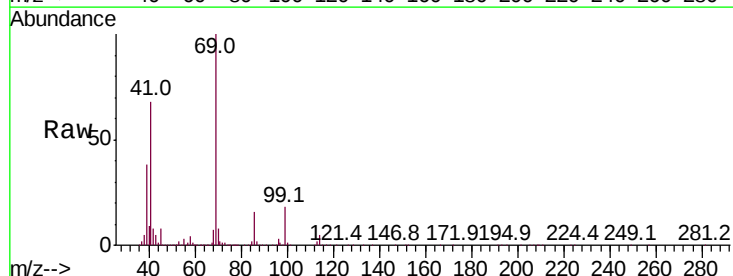
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

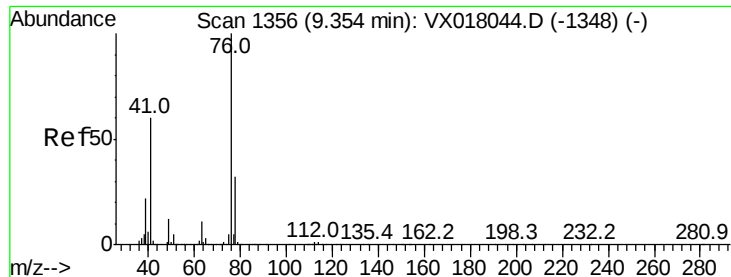
Tot Ion:	97	Resp:	231495
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.8	101.6
85	54.7	45.3	67.9
99	62.3	50.9	76.3



#56
Ethyl methacrylate
Concen: 45.998 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion:	69	Resp:	349066
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.6	81.8
39	37.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 45.090 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

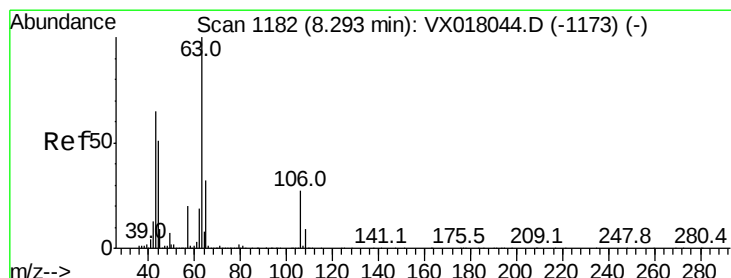
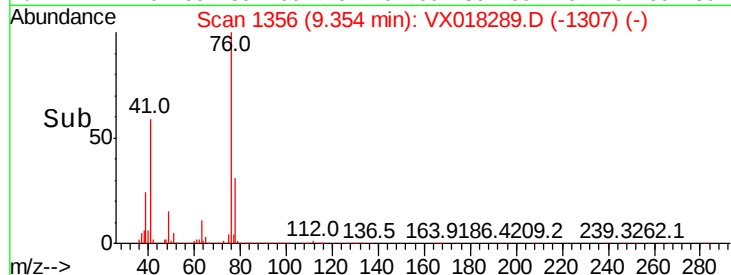
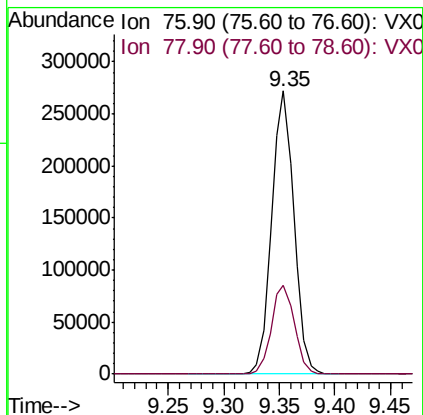
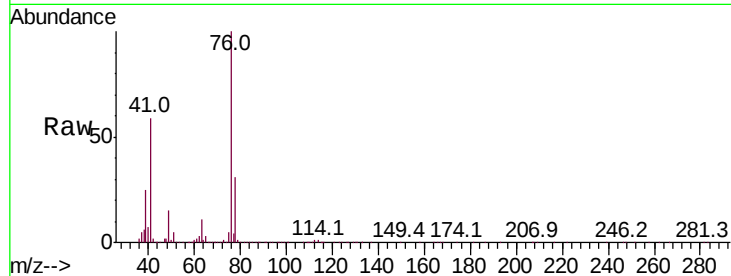
VSTDCCC050EC

Tot Ion: 76 Resp: 379631

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 186.455 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018289.D

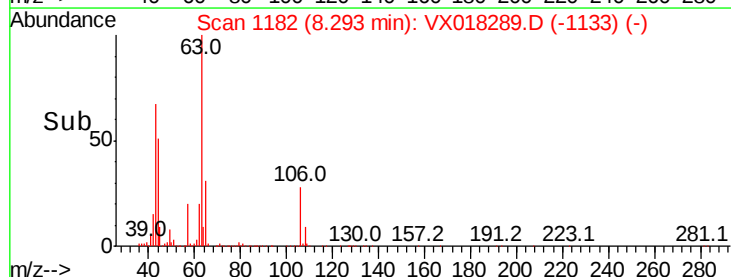
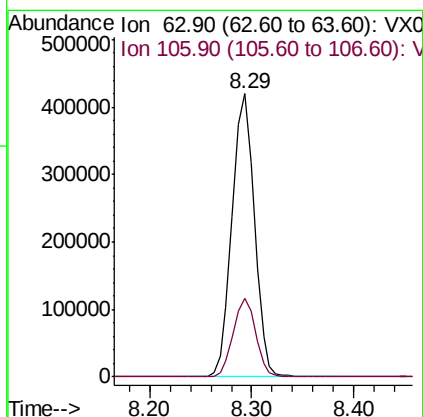
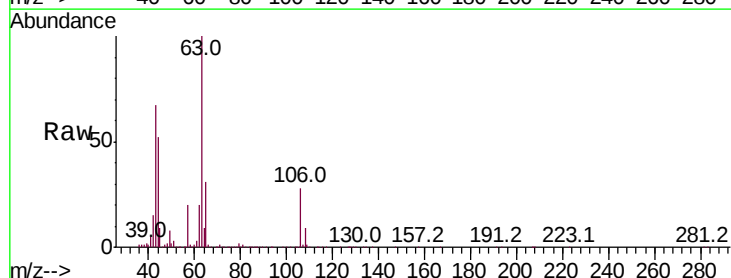
Acq: 08 Sep 2020 20:35

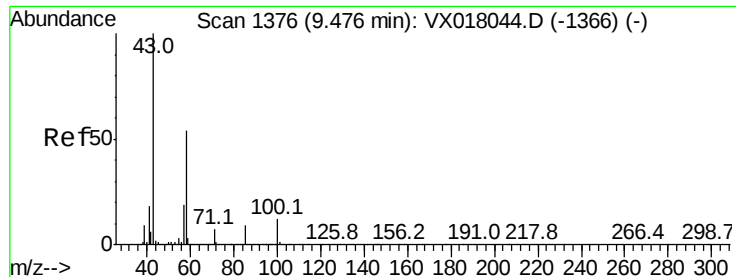
Tgt Ion: 63 Resp: 636509

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

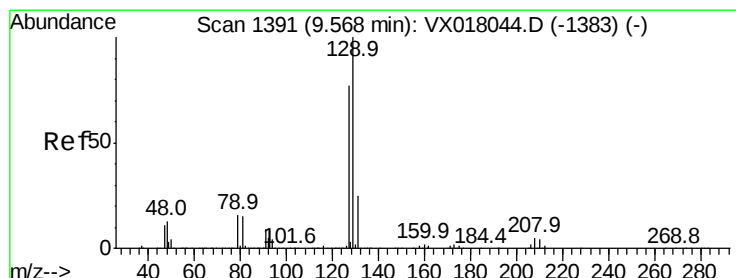
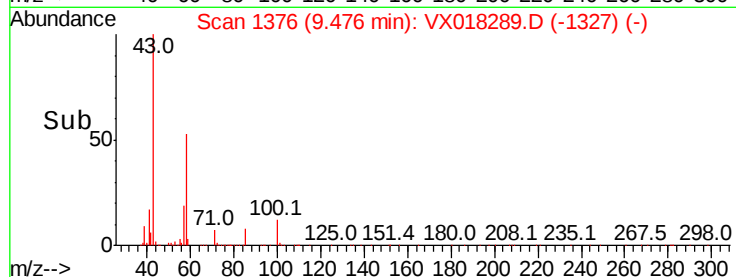
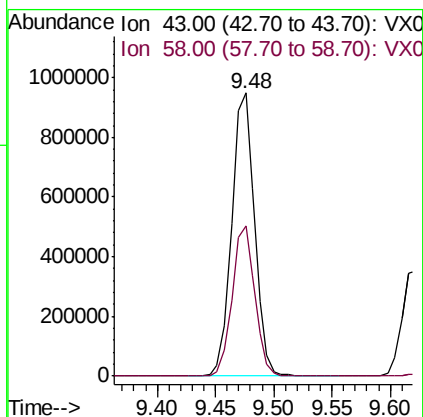
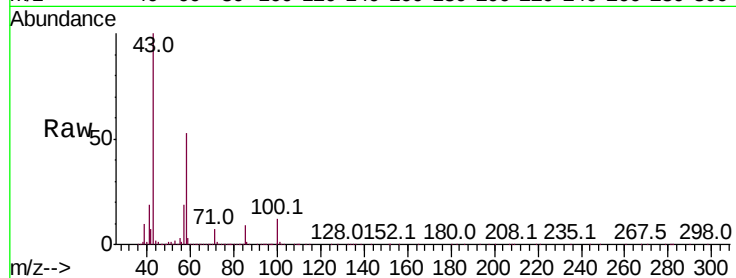




#59
2-Hexanone
Concen: 229.016 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

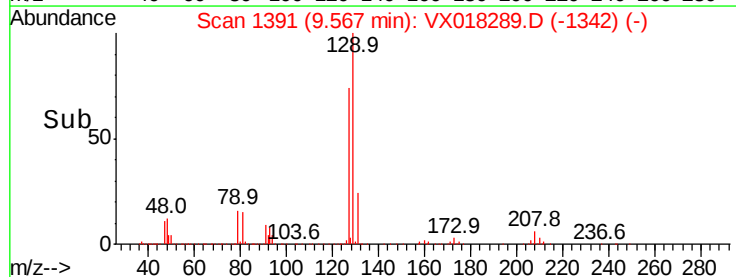
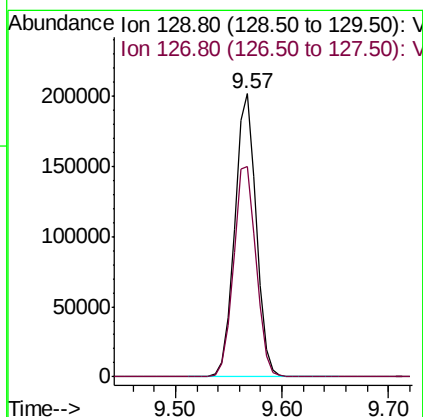
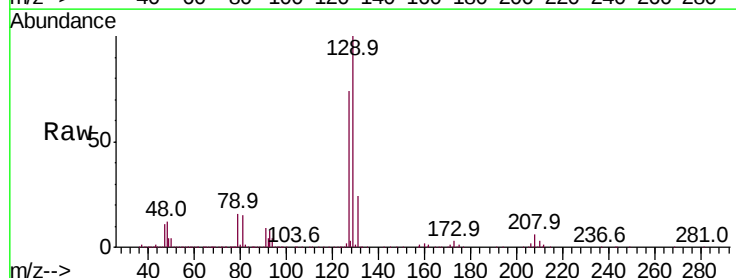
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

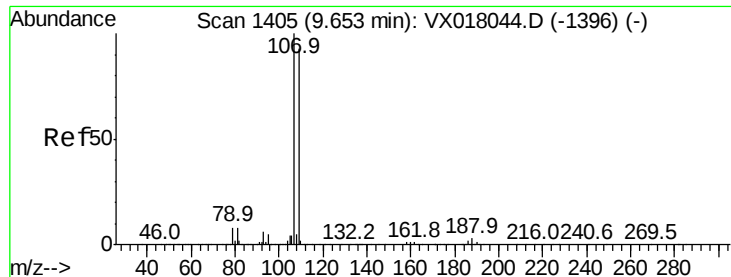
Tot Ion: 43 Resp: 1296272
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7



#60
Dibromochloromethane
Concen: 47.697 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 129 Resp: 285625
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 45.474 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

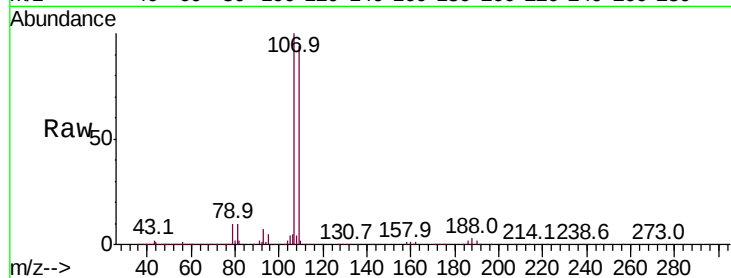
VSTDCCC050EC

Tot Ion:107 Resp: 252019

Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

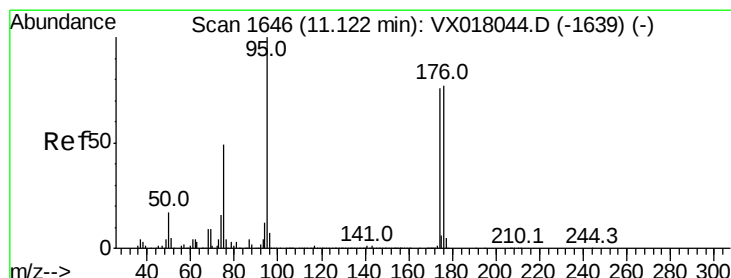
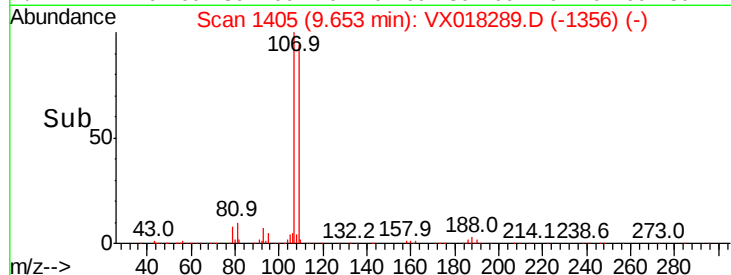
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 43.384 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

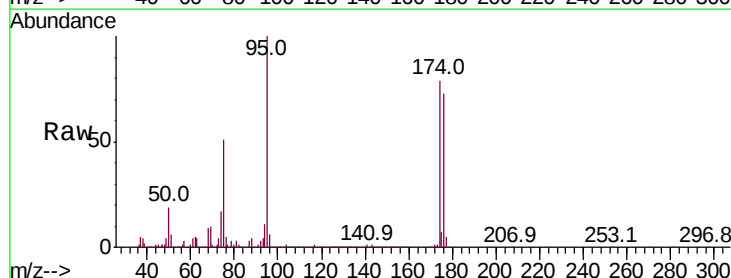
Tgt Ion: 95 Resp: 301553

Ion Ratio Lower Upper

95 100

174 78.3 0.0 160.2

176 74.1 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

11.12

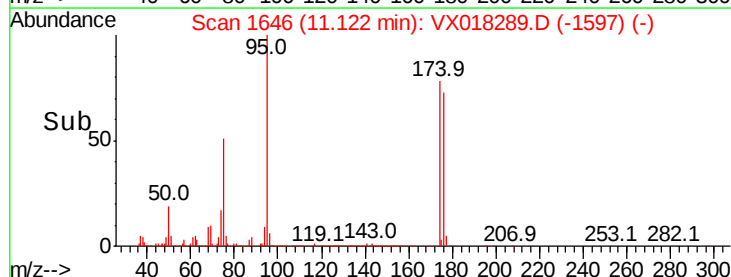
300000

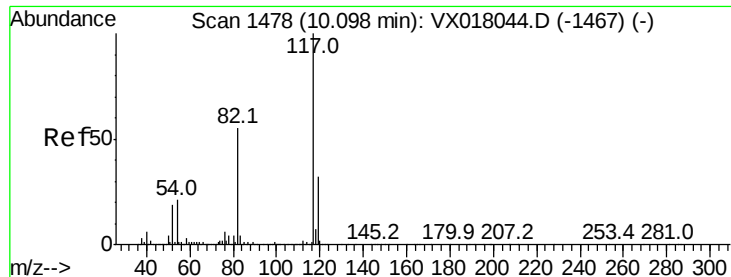
200000

100000

0

Time--> 11.10 11.20

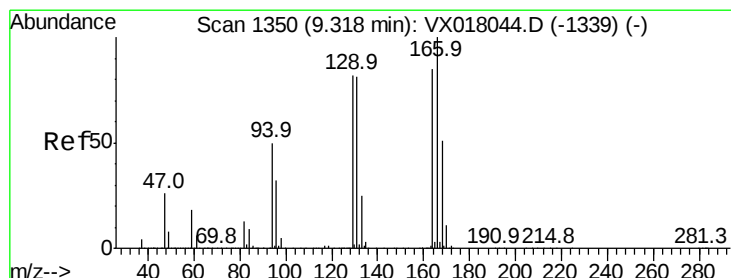
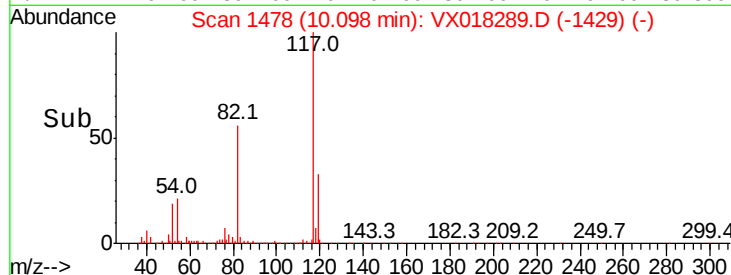
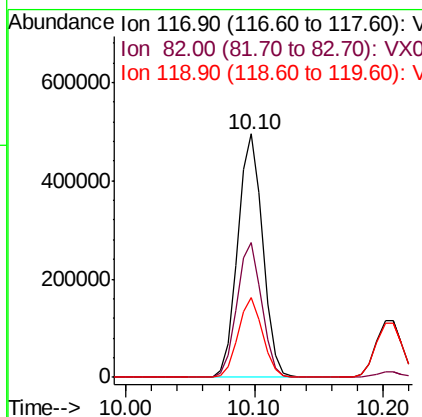
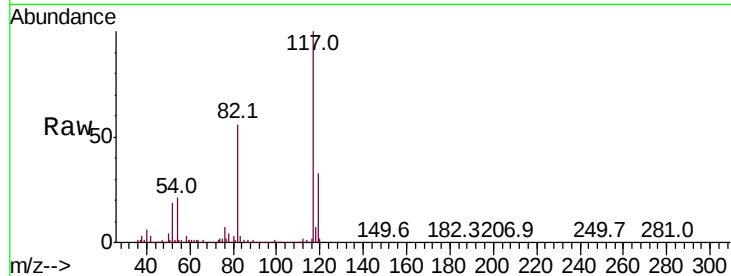




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

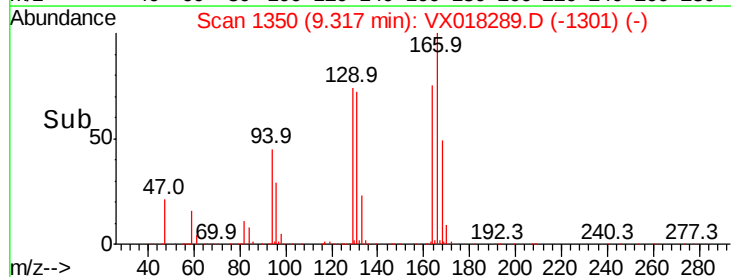
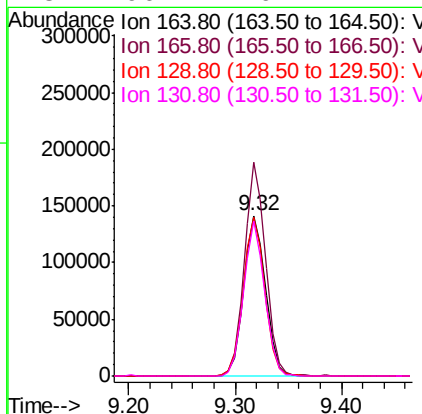
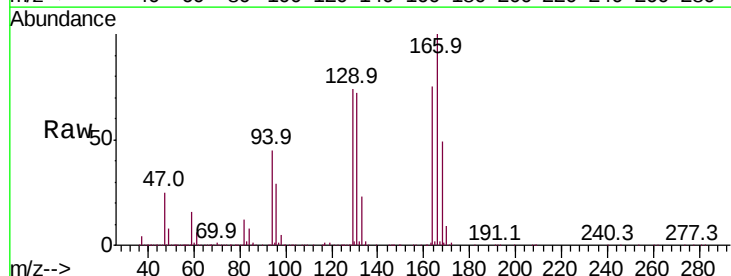
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

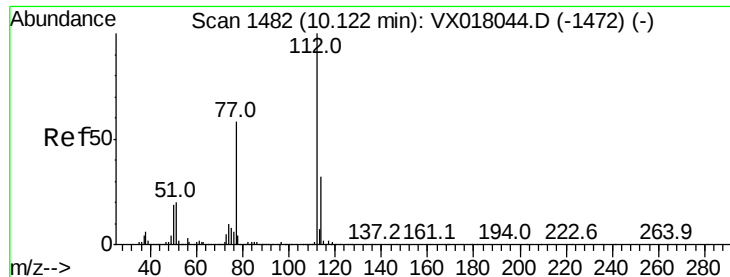
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	32.6	25.7	38.5



#64
Tetrachloroethene
Concen: 41.607 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	94.2	141.2
129	98.6	76.9	115.3
131	96.1	76.1	114.1

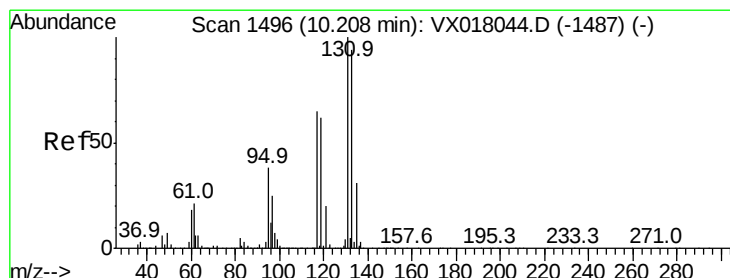
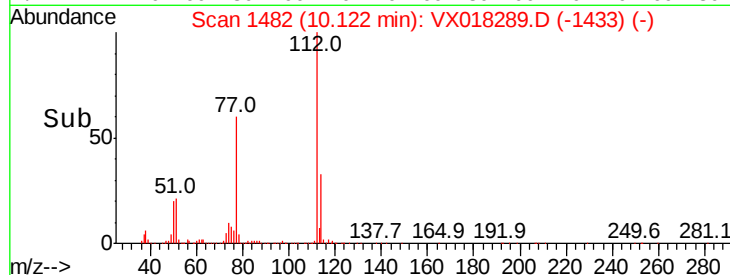
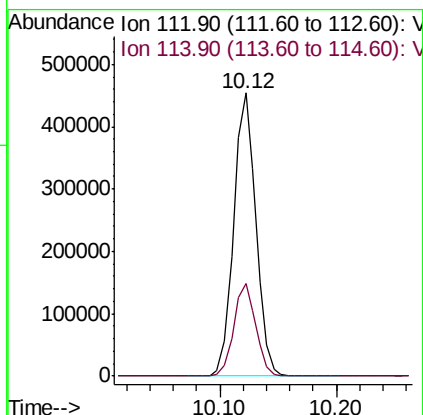
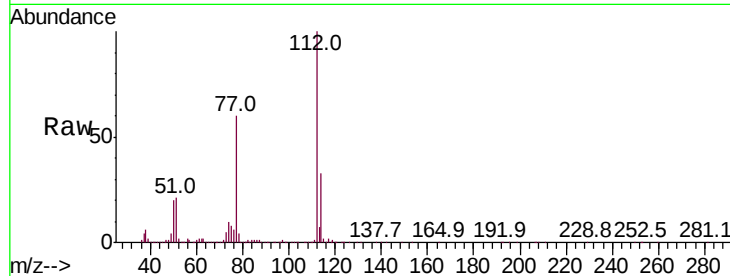




#65
Chlorobenzene
Concen: 45.382 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

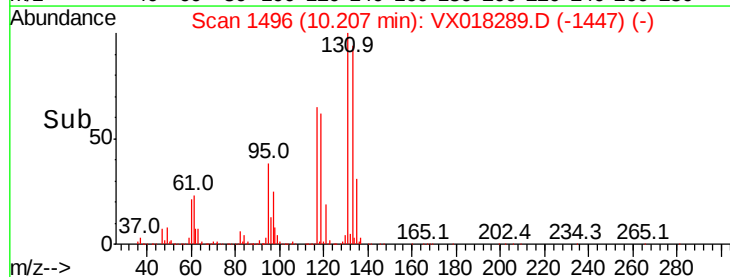
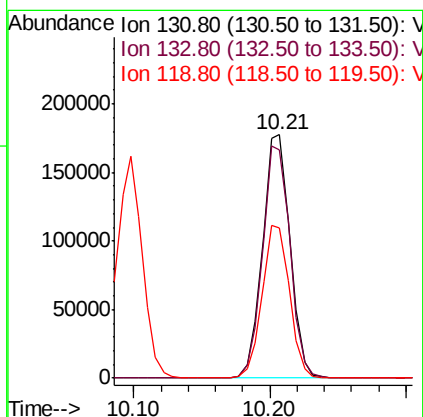
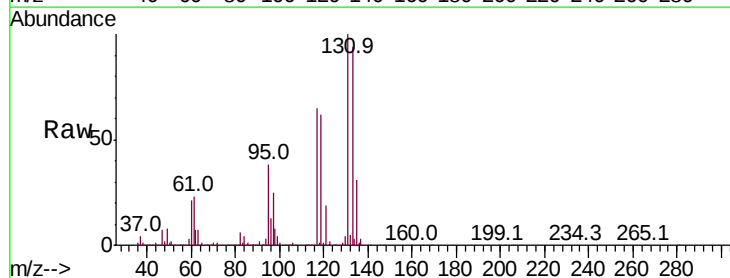
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

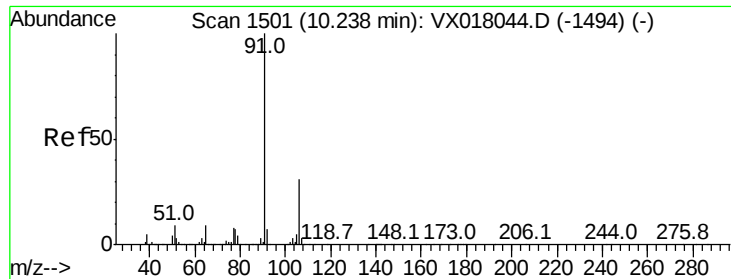
Tot Ion:112 Resp: 603220
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.365 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion:131 Resp: 253380
Ion Ratio Lower Upper
131 100
133 95.5 46.7 140.1
119 62.7 31.8 95.4

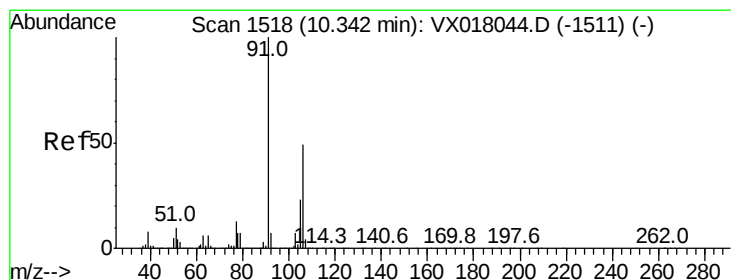
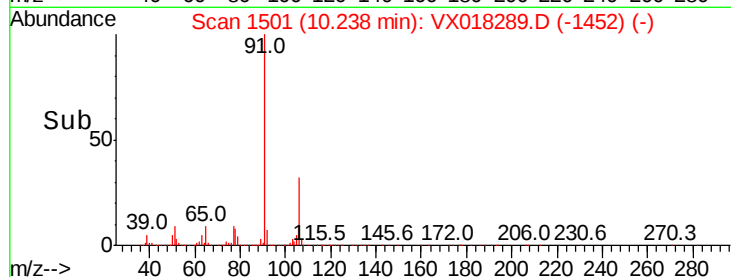
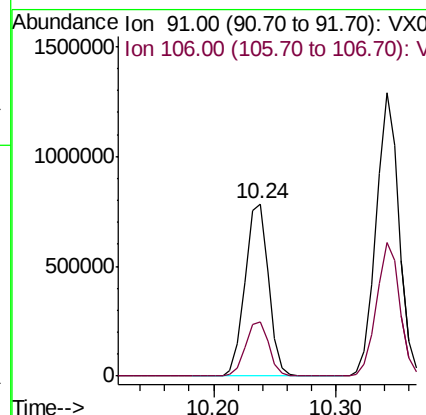
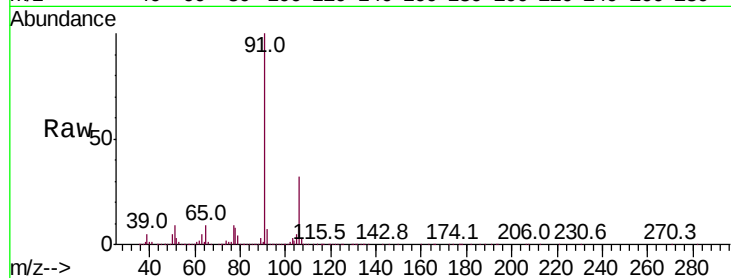




#67
Ethyl Benzene
Concen: 45.926 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

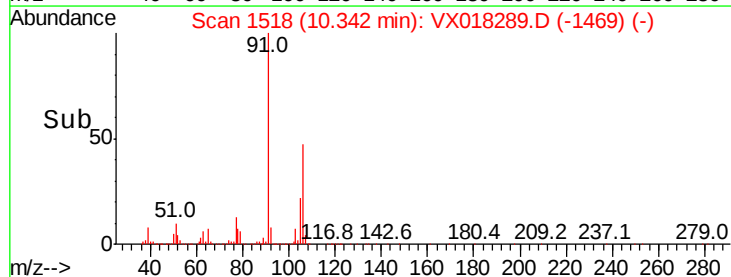
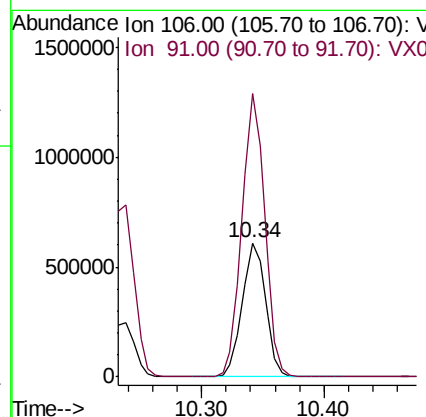
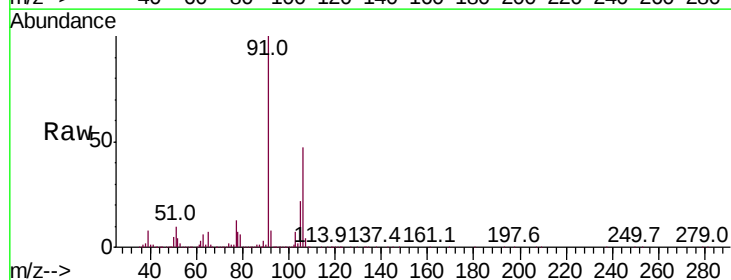
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

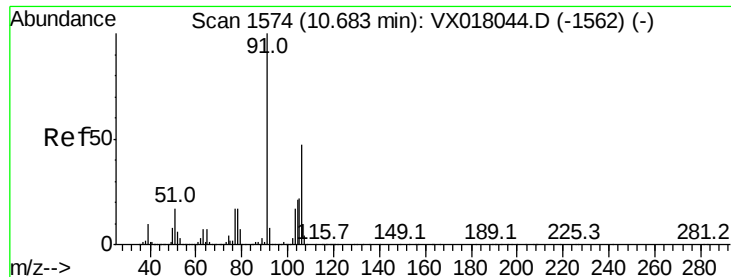
Tot Ion: 91 Resp: 1038136
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 95.268 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 106 Resp: 803775
Ion Ratio Lower Upper
106 100
91 206.8 162.2 243.2

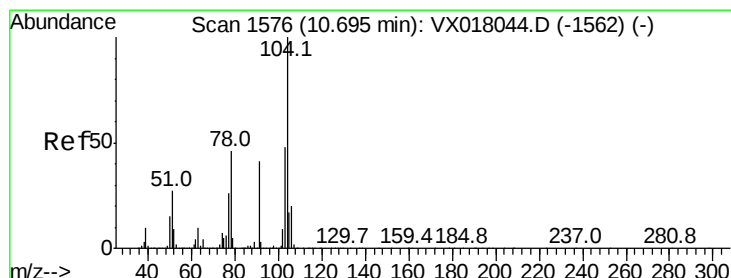
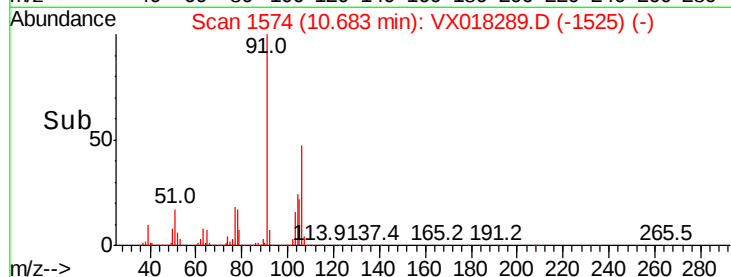
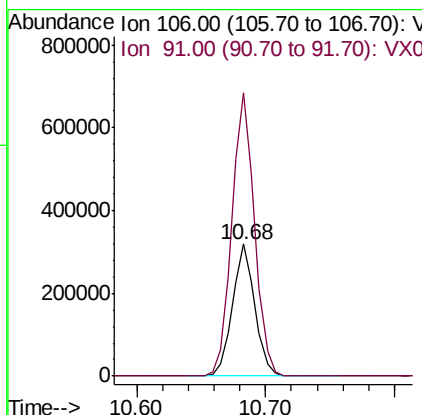
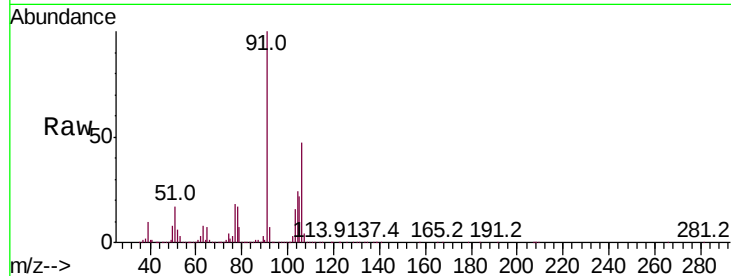




#69
o-Xylene
Concen: 47.179 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

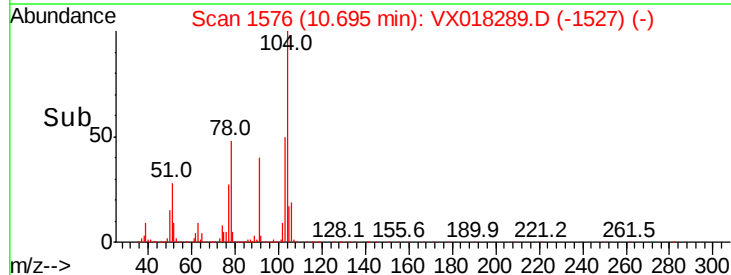
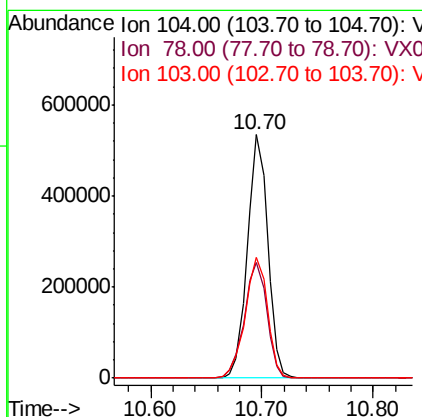
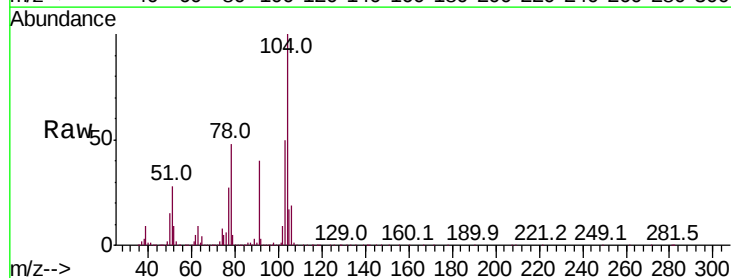
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

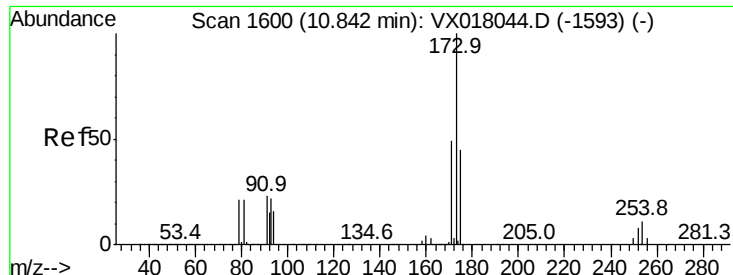
Tot Ion:106 Resp: 385867
Ion Ratio Lower Upper
106 100
91 218.6 107.1 321.3



#70
Styrene
Concen: 48.953 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion:104 Resp: 681838
Ion Ratio Lower Upper
104 100
78 52.8 40.9 61.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 51.839 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

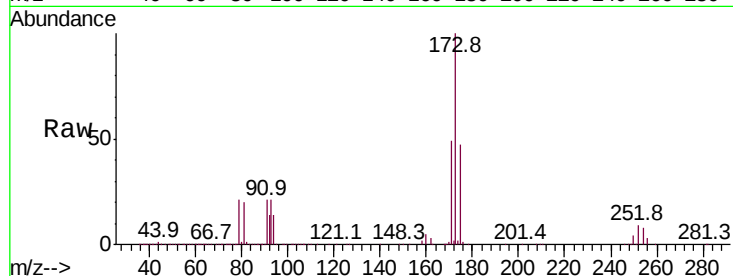
Tot Ion:173 Resp: 231646

Ion Ratio Lower Upper

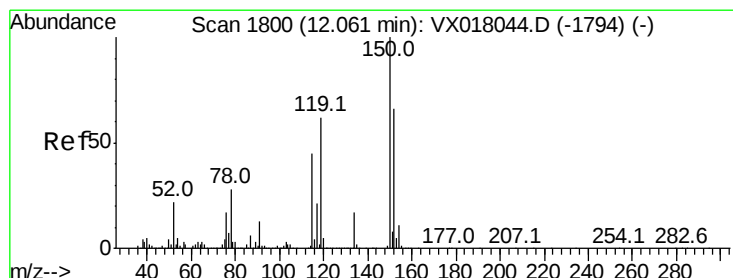
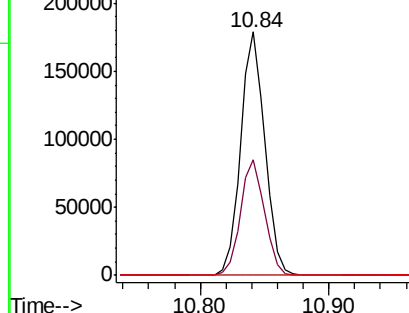
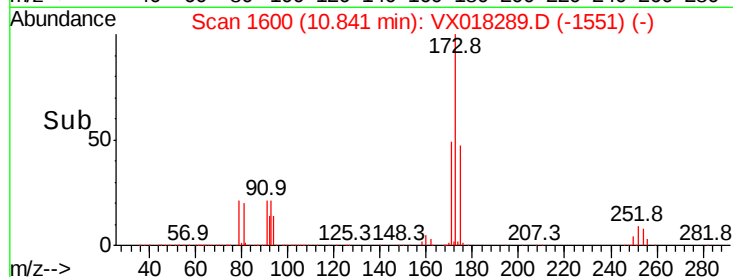
173 100

175 47.5 23.9 71.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

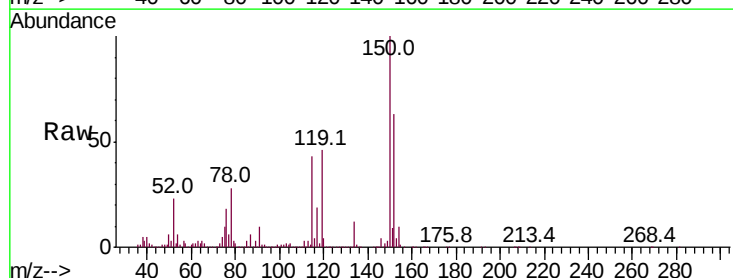
Tgt Ion:152 Resp: 381439

Ion Ratio Lower Upper

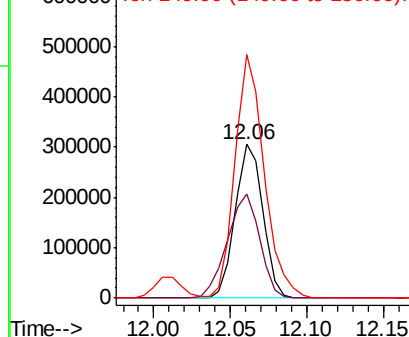
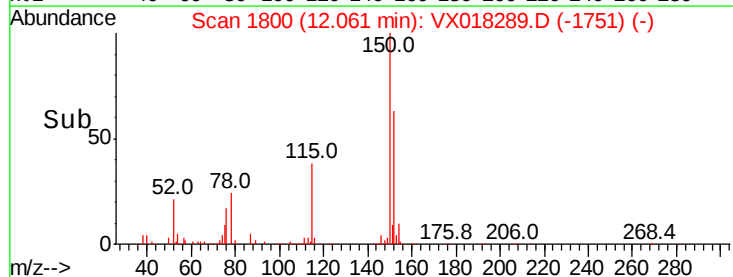
152 100

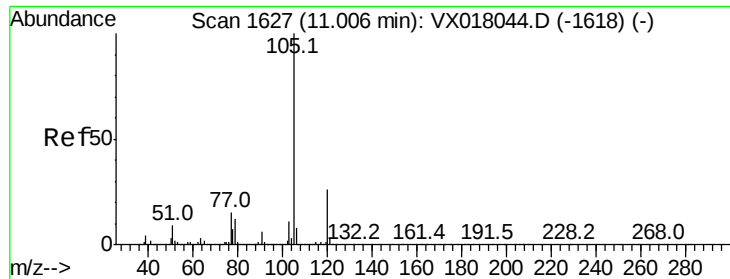
115 79.4 41.5 124.5

150 167.8 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: 41.957 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

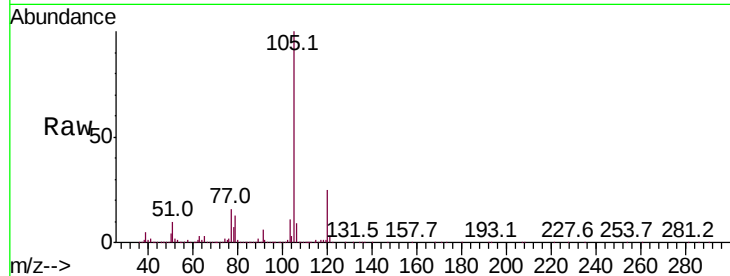
VSTDCCC050EC

Tot Ion:105 Resp: 1055653

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

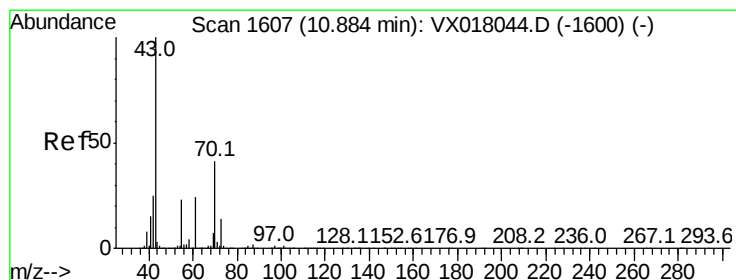
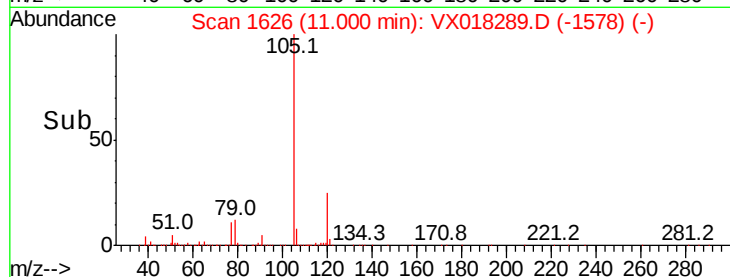
200000

0

11.00

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 40.746 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 43 Resp: 486408

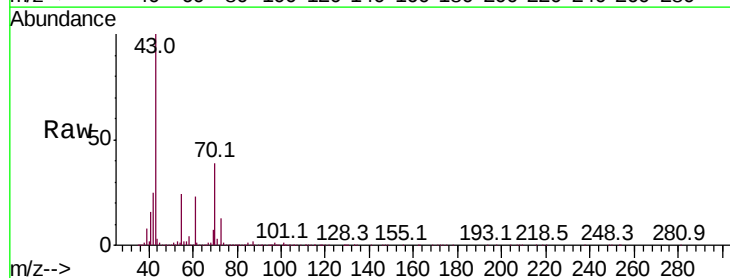
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 24.6 18.2 27.2

61 23.6 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

600000

500000

400000

300000

200000

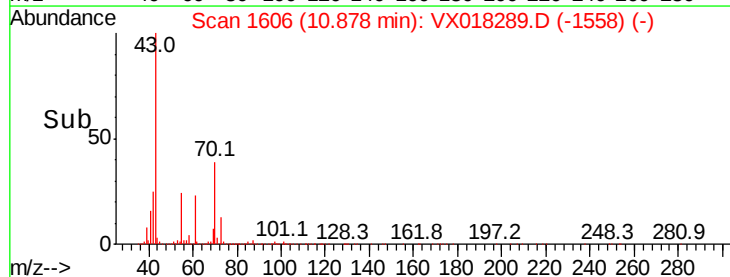
100000

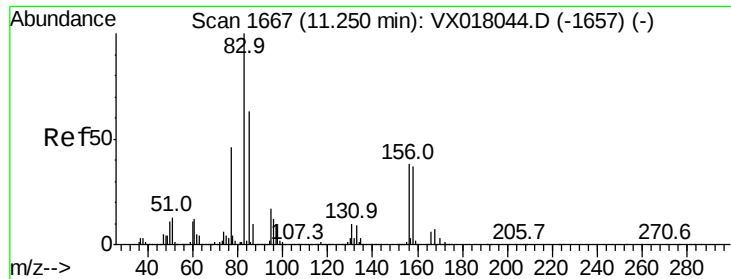
0

10.88

10.80 10.85 10.90 10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 41.239 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

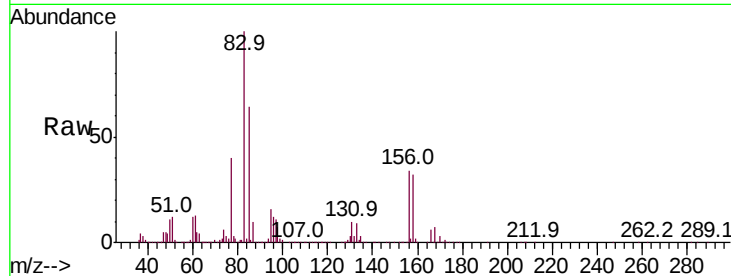
Tot Ion: 83 Resp: 366024

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

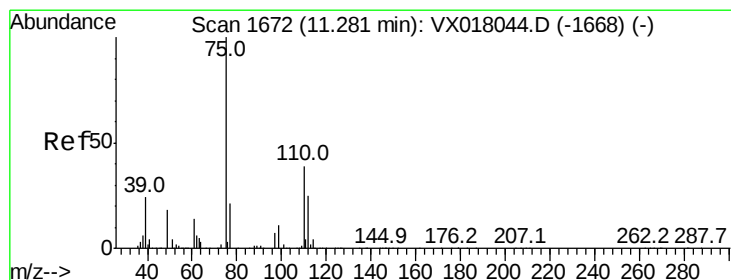
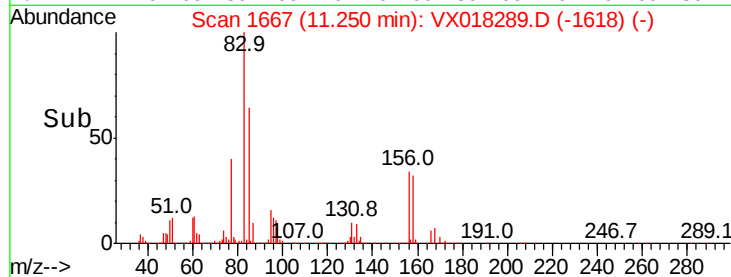
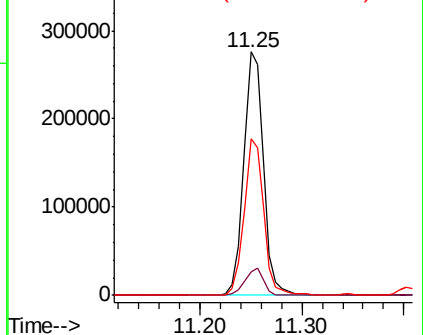
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.202 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018289.D

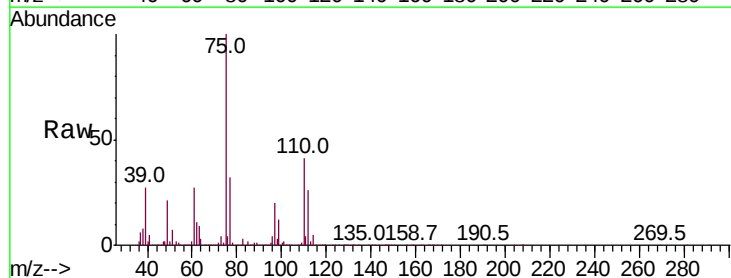
Acq: 08 Sep 2020 20:35

Tgt Ion: 75 Resp: 434462

Ion Ratio Lower Upper

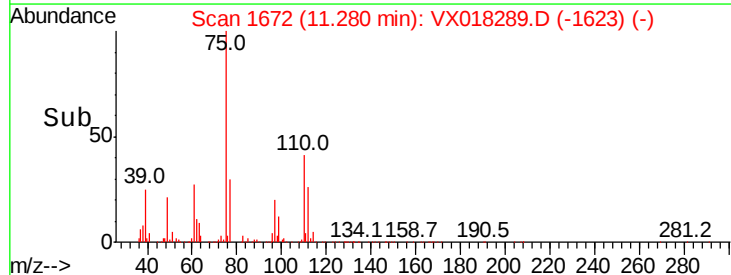
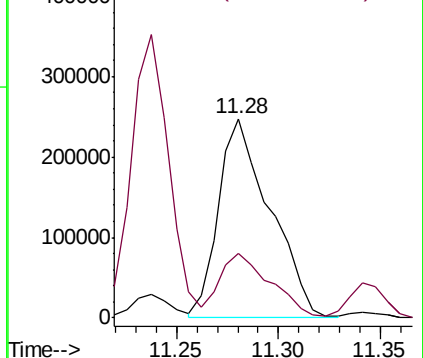
75 100

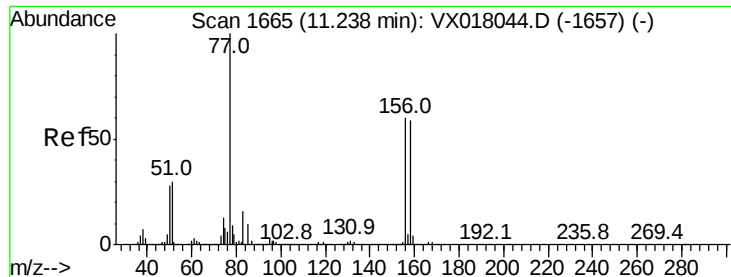
77 31.6 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 41.596 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

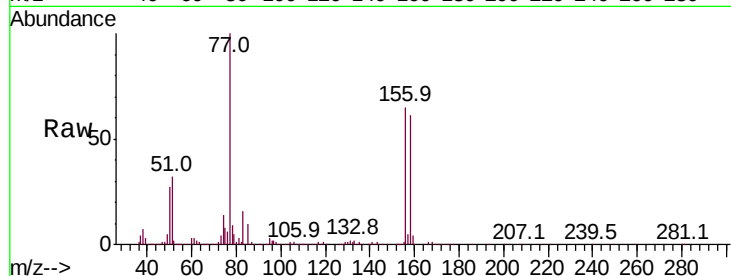
Tot Ion:156 Resp: 289293

Ion Ratio Lower Upper

156 100

77 156.3 80.0 240.2

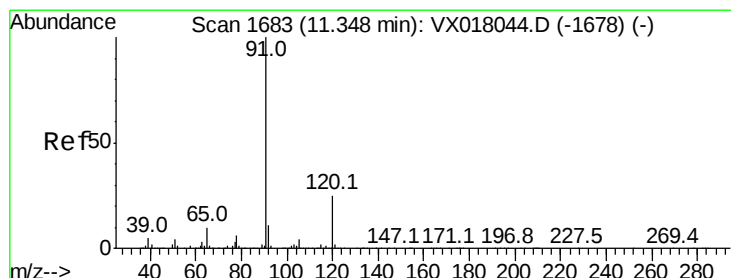
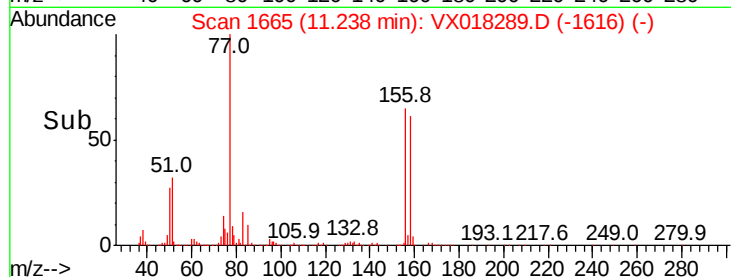
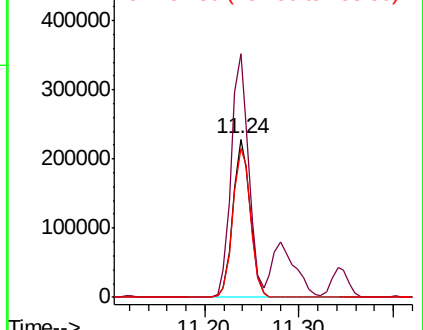
158 96.8 49.5 148.7



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: 42.416 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018289.D

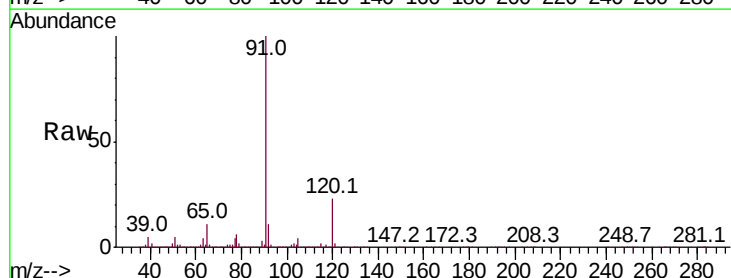
Acq: 08 Sep 2020 20:35

Tgt Ion: 91 Resp: 1211742

Ion Ratio Lower Upper

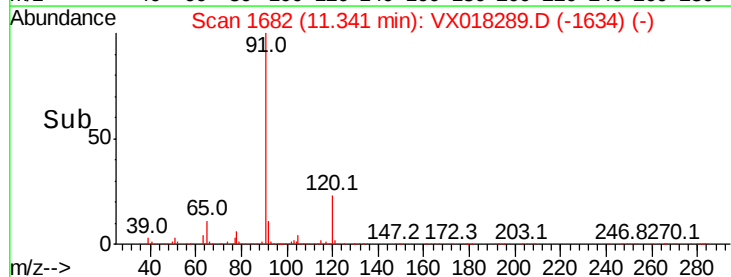
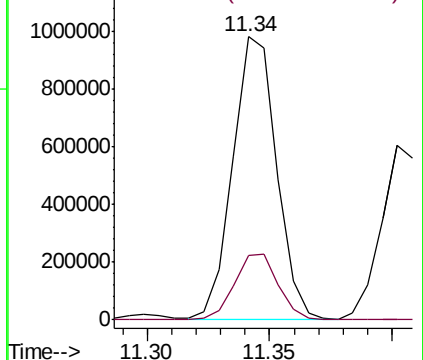
91 100

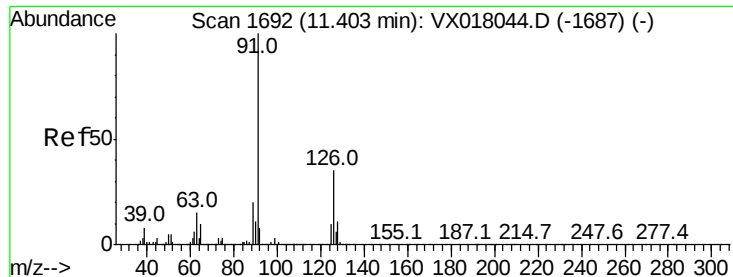
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

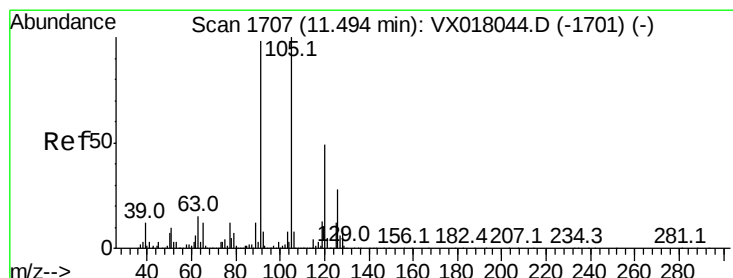
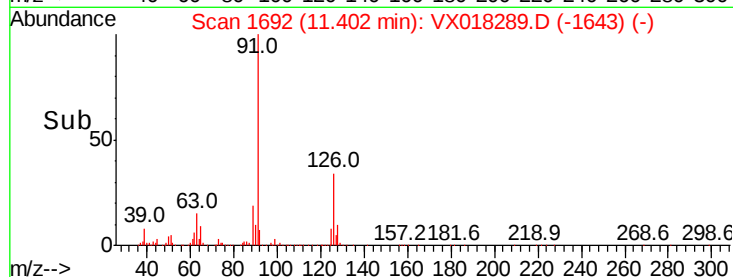
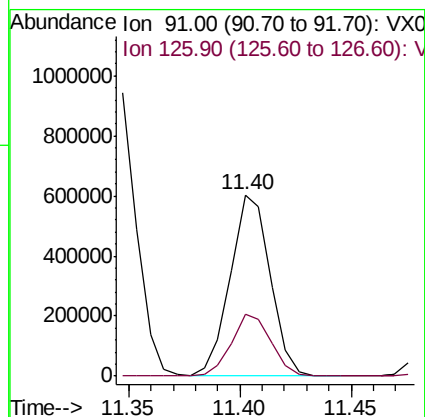
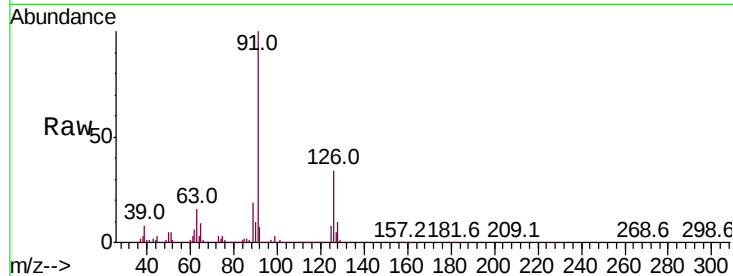




#79
2-Chlorotoluene
Concen: 42.630 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

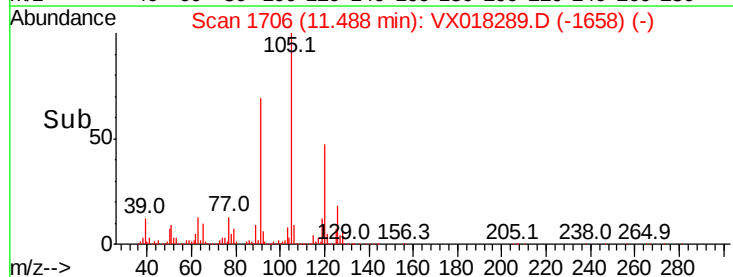
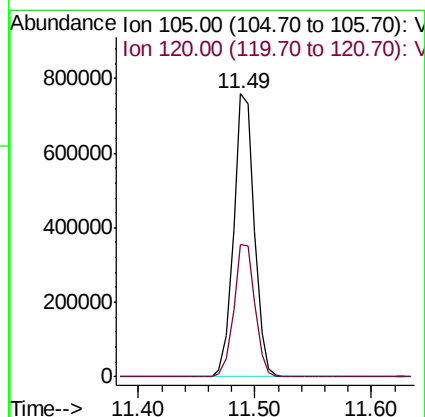
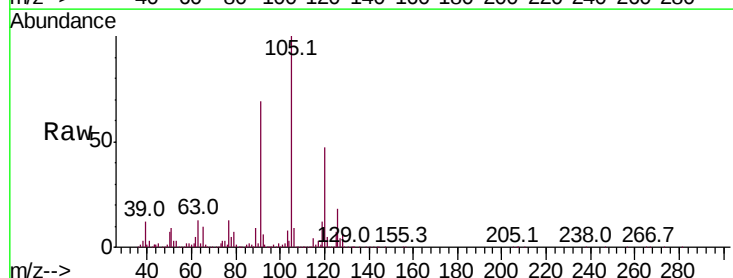
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

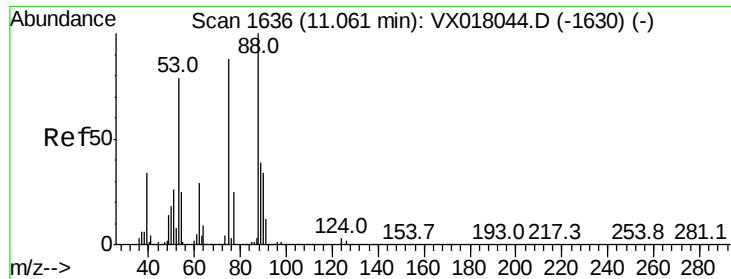
Tot Ion: 91 Resp: 752422
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 45.057 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 105 Resp: 931581
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 40.432 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

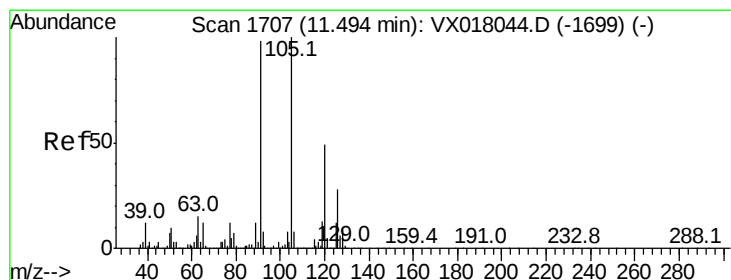
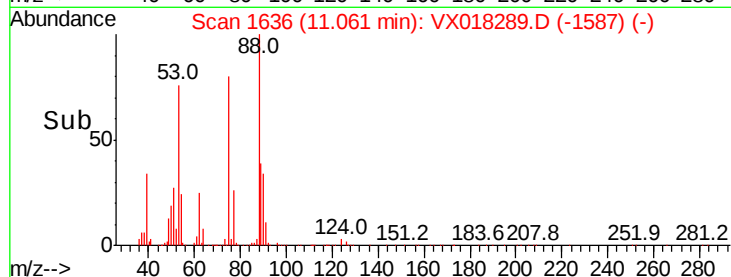
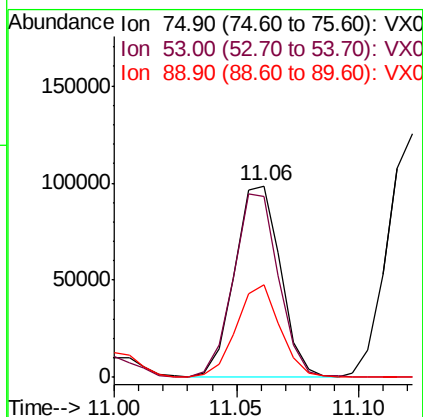
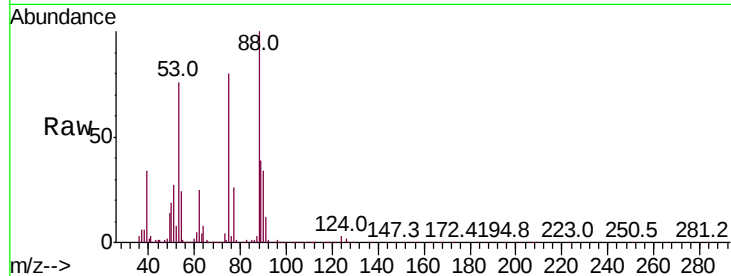
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 127026

Ion	Ratio	Lower	Upper
75	100		
53	95.1	74.7	112.1
89	46.8	36.6	54.8



#82

4-Chlorotoluene

Concen: 42.412 ug/l

RT: 11.49 min Scan# 1707

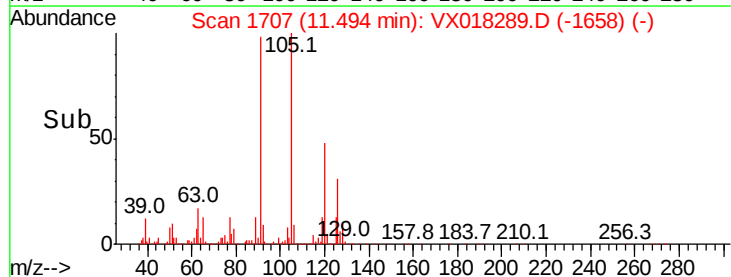
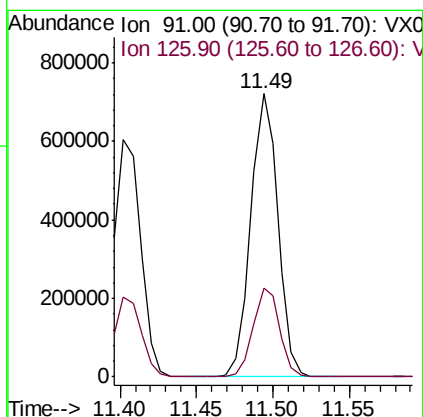
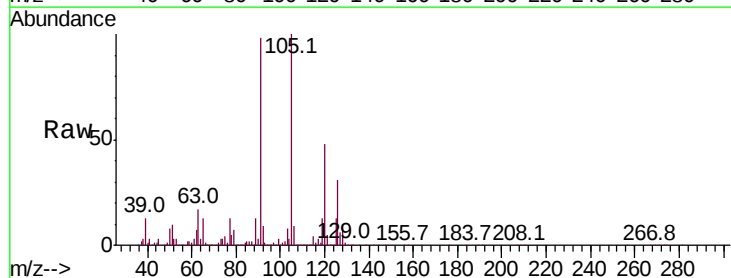
Delta R.T. -0.00 min

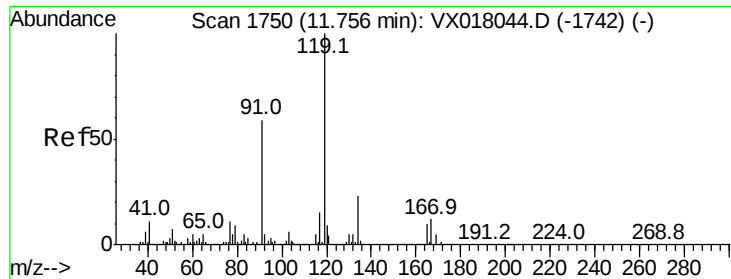
Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Tgt Ion: 91 Resp: 889897

Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.1	45.3





#83

tert-Butylbenzene

Concen: 44.543 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

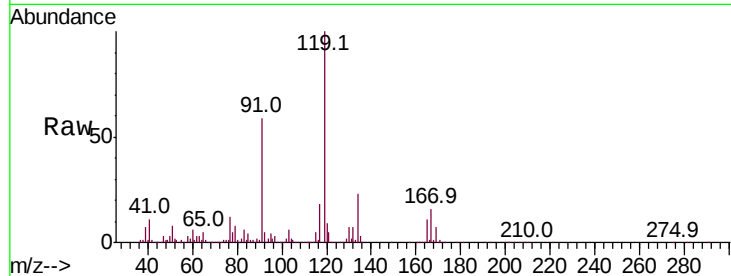
Tot Ion:119 Resp: 908848

Ion Ratio Lower Upper

119 100

91 57.4 28.2 84.7

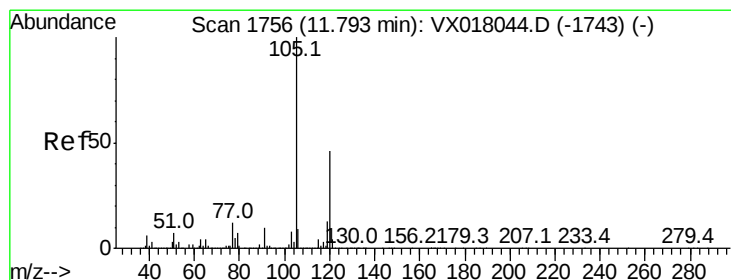
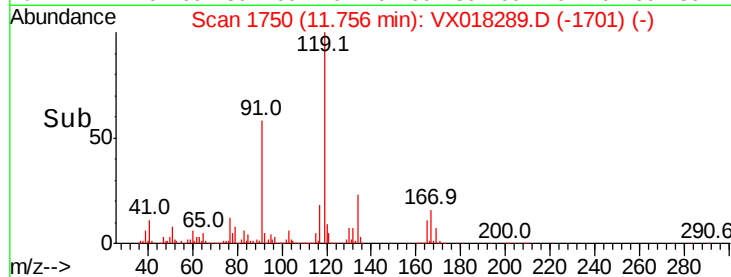
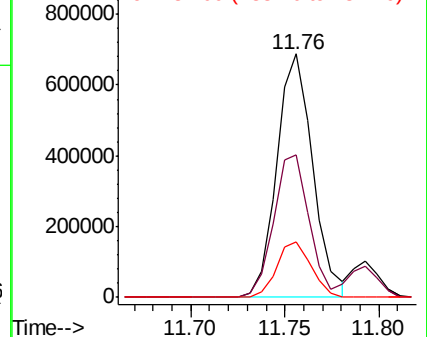
134 22.2 11.3 33.8



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: 45.160 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018289.D

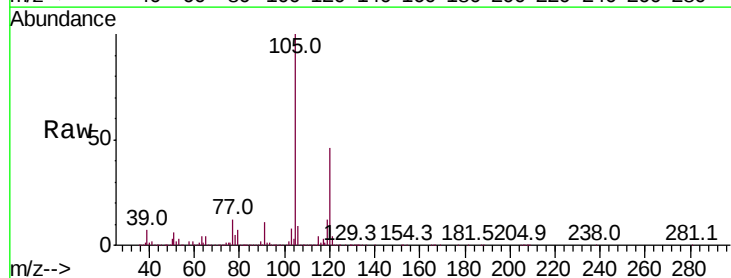
Acq: 08 Sep 2020 20:35

Tgt Ion:105 Resp: 954603

Ion Ratio Lower Upper

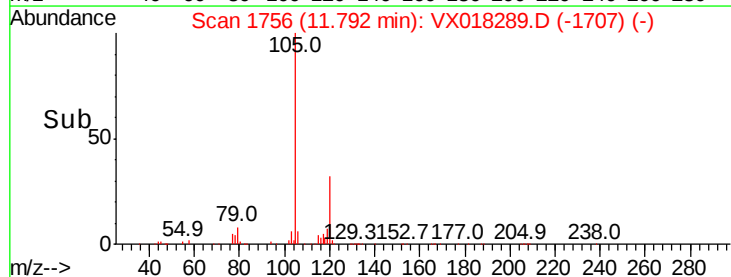
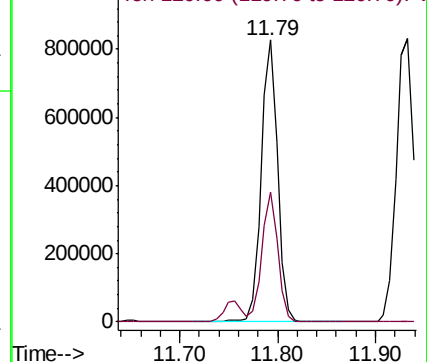
105 100

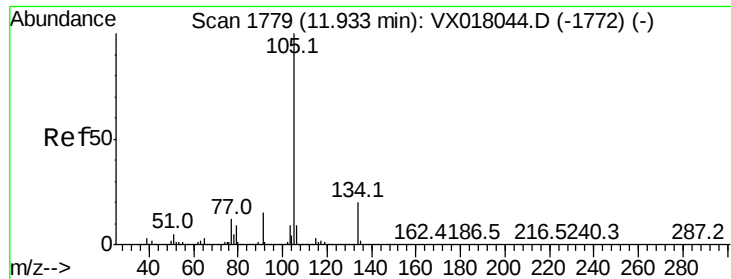
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

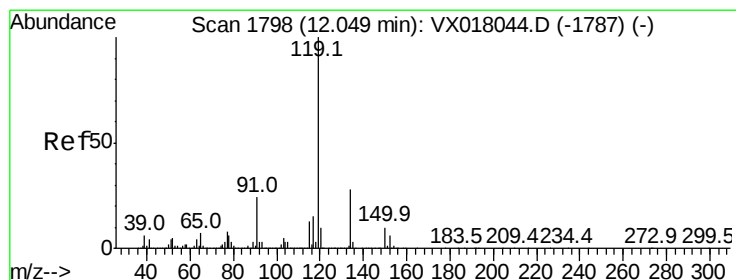
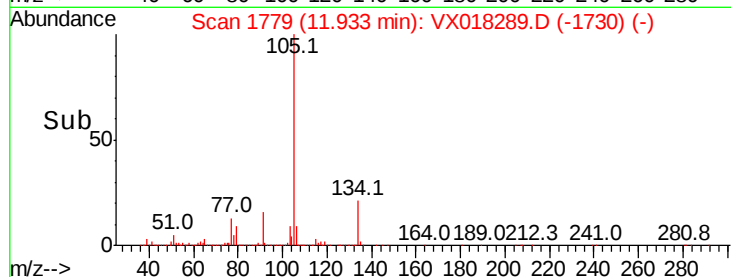
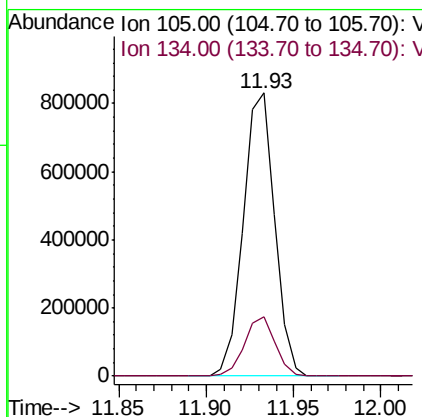
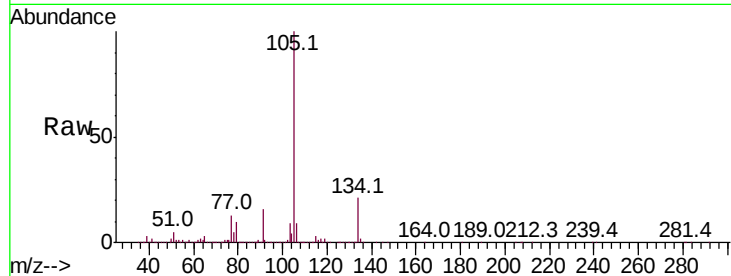




#85
 sec-Butylbenzene
 Concen: 44.641 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

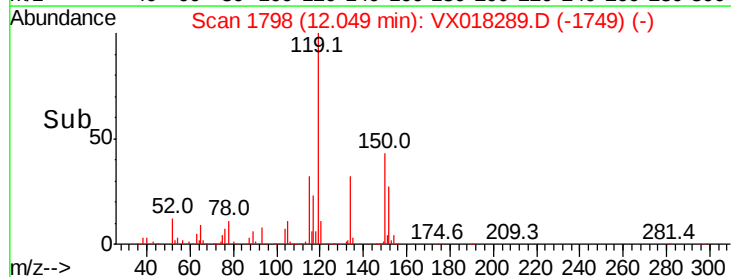
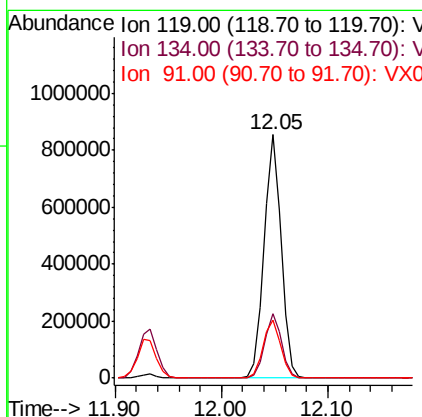
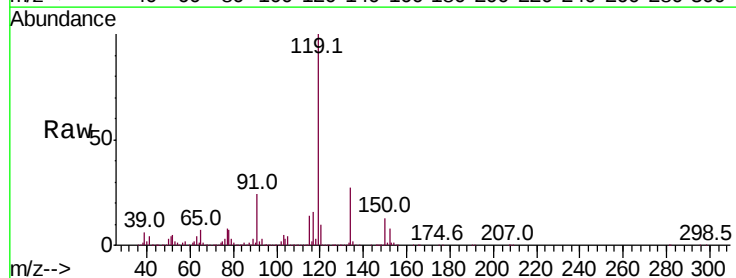
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

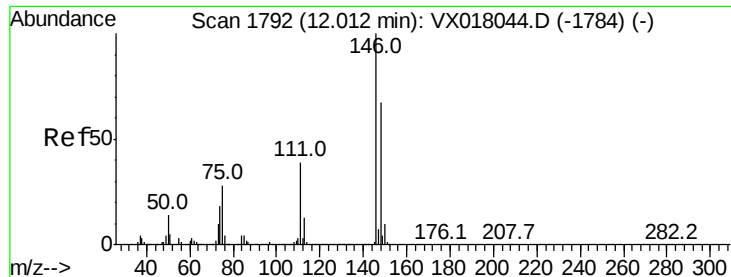
Tot Ion:105 Resp: 1035826
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 45.408 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion:119 Resp: 967811
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 42.256 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

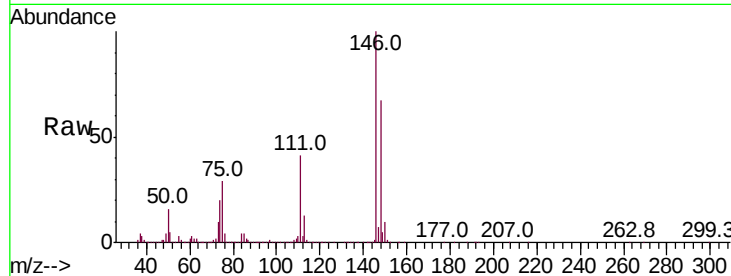
Tot Ion:146 Resp: 515970

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

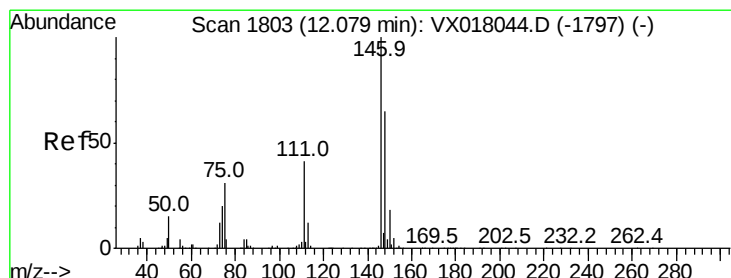
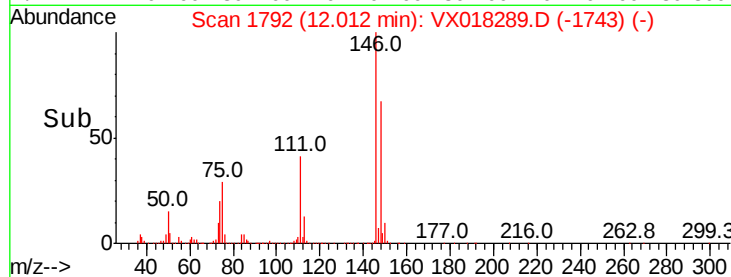
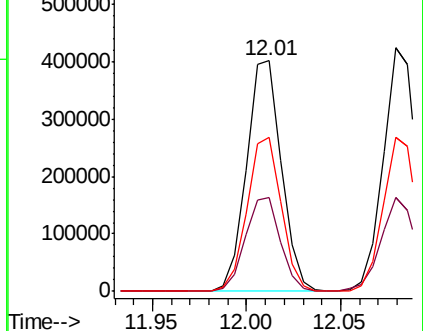
148 65.4 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 43.291 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

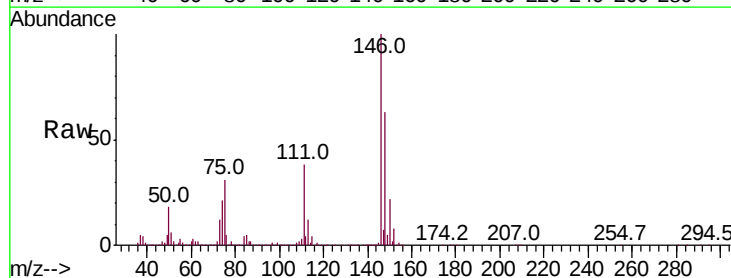
Tgt Ion:146 Resp: 529275

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.8

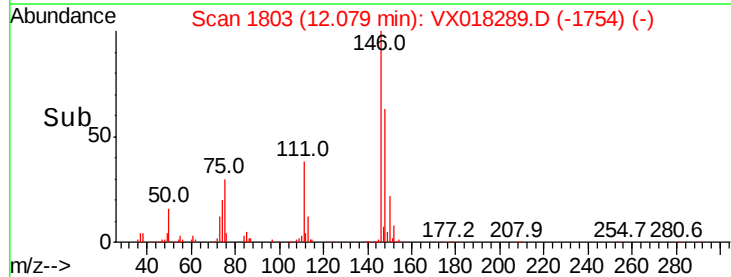
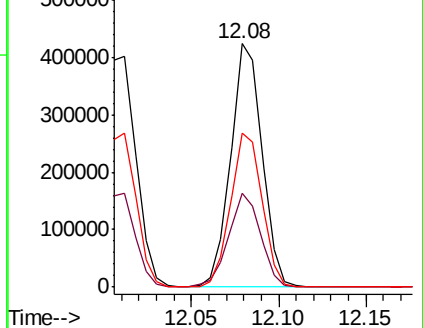
148 63.8 33.1 99.2

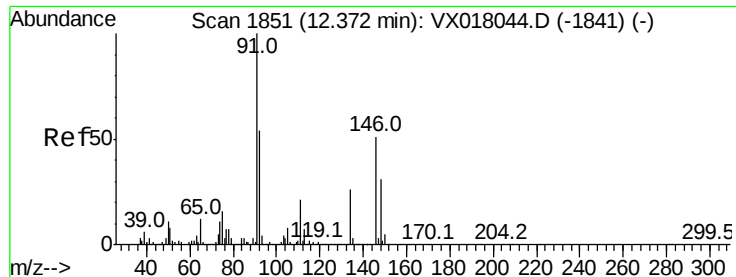


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

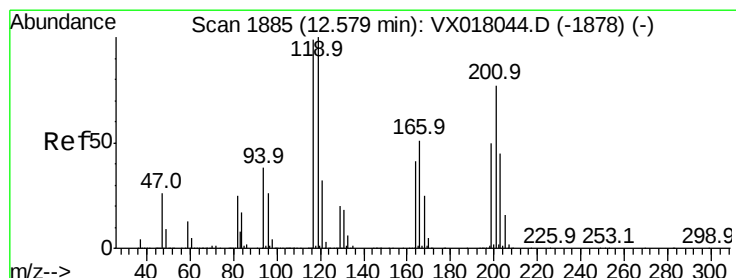
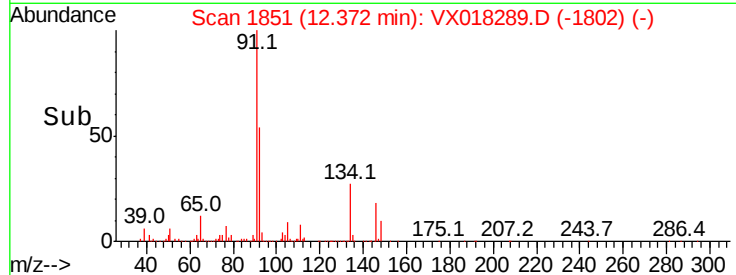
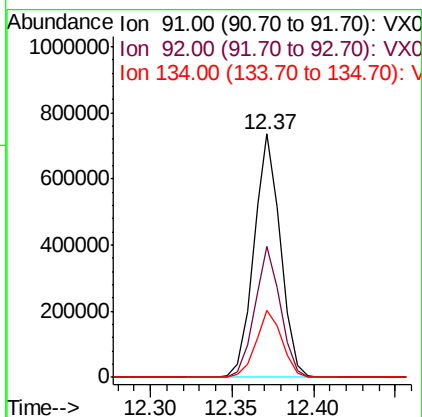
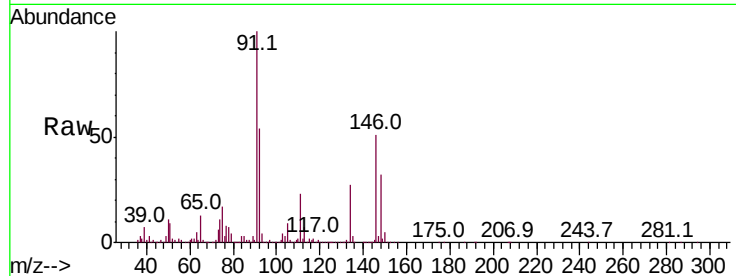




#89
n-Butylbenzene
Concen: 42.404 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

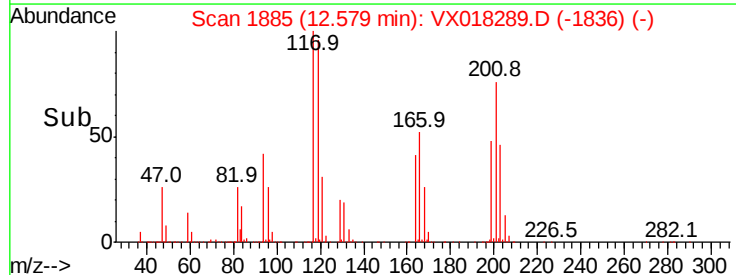
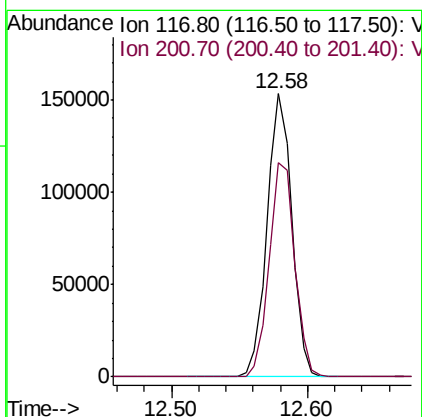
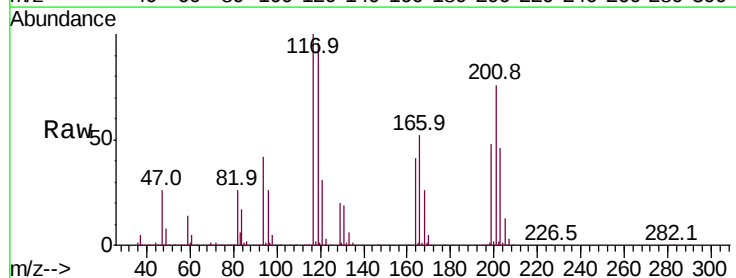
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

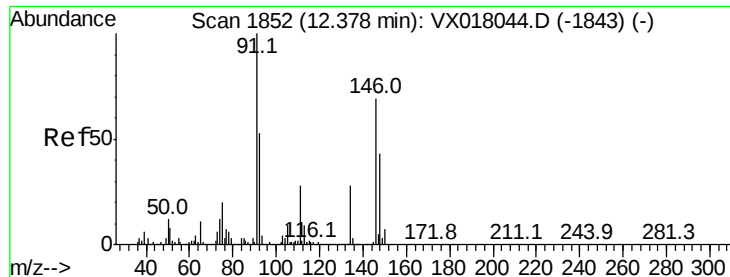
Tot Ion: 91 Resp: 824908
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 27.2 12.9 38.7



#90
Hexachloroethane
Concen: 46.860 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018289.D
Acq: 08 Sep 2020 20:35

Tgt Ion: 117 Resp: 196502
Ion Ratio Lower Upper
117 100
201 78.0 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 43.596 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

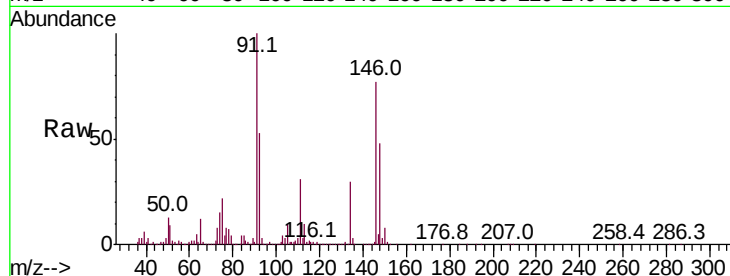
Tot Ion:146 Resp: 501098

Ion Ratio Lower Upper

146 100

111 43.0 20.8 62.5

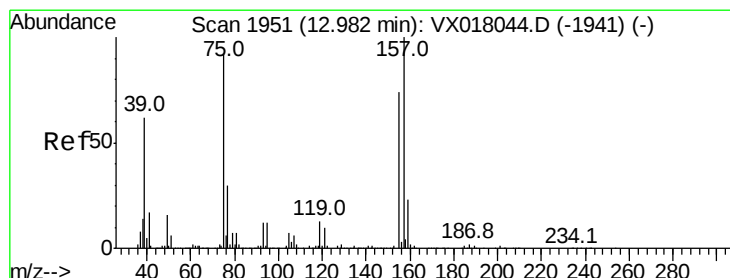
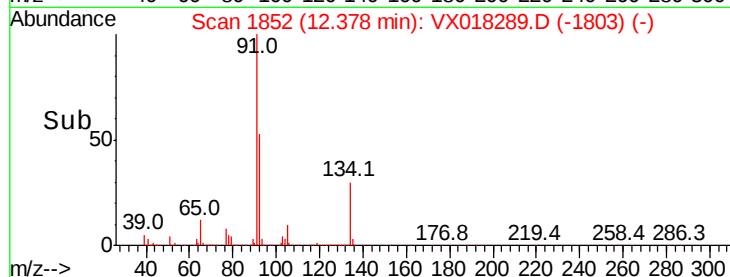
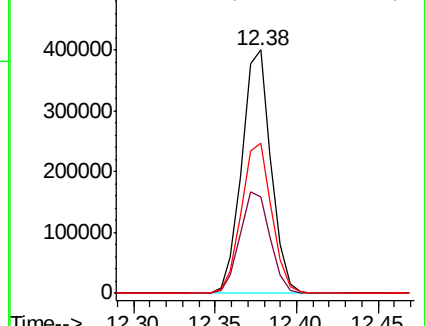
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.690 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

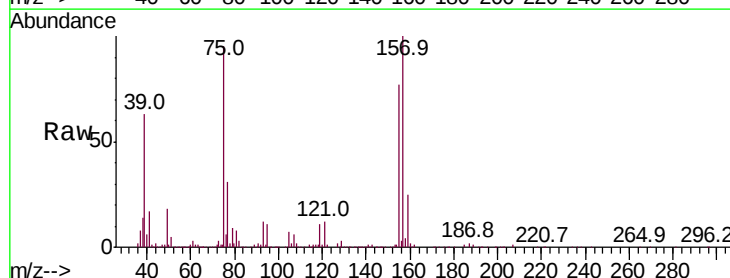
Tgt Ion: 75 Resp: 92521

Ion Ratio Lower Upper

75 100

155 82.2 40.2 120.6

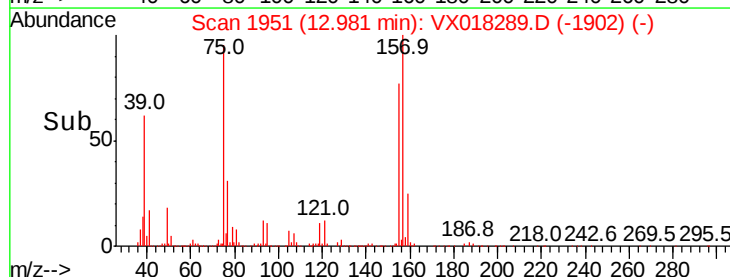
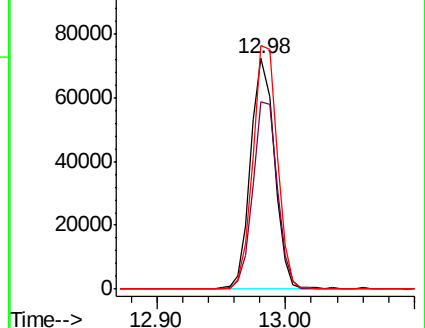
157 106.8 55.0 165.2

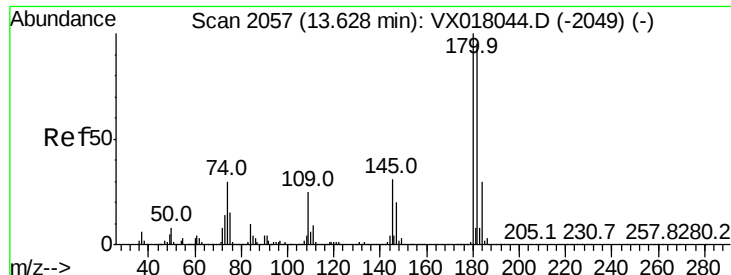


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

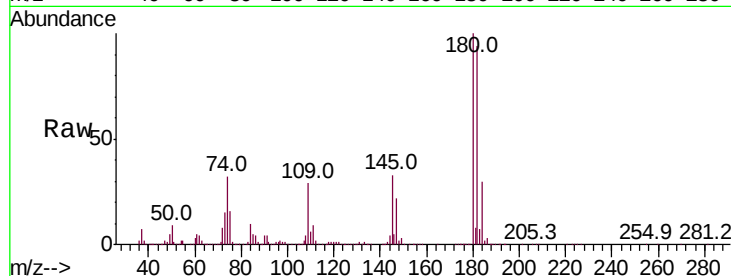




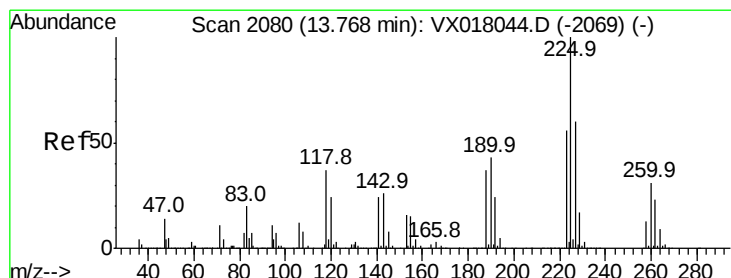
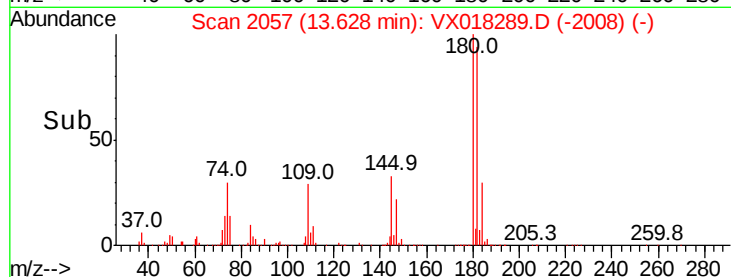
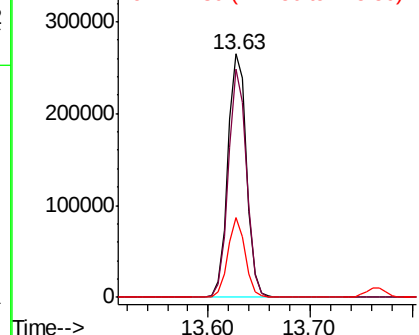
#93
 1,2,4-Trichlorobenzene
 Concen: 43.702 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.5	142.6
145	30.8	15.7	47.1

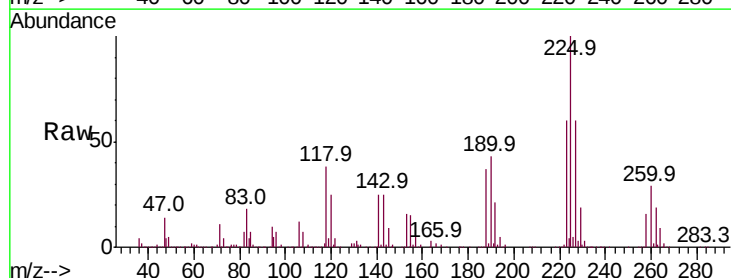


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

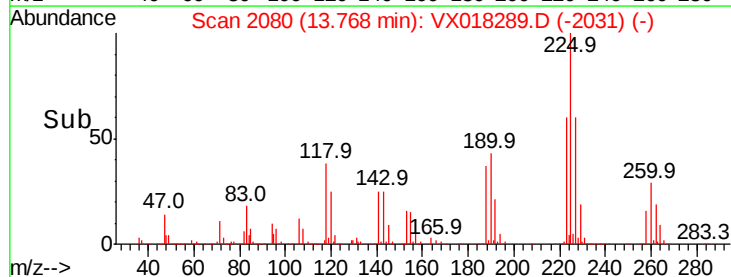
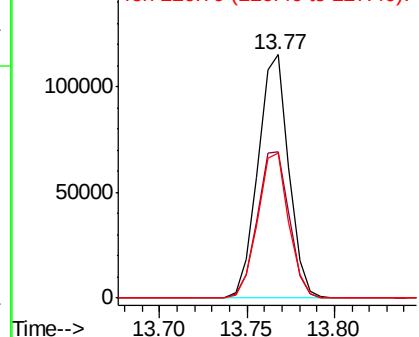


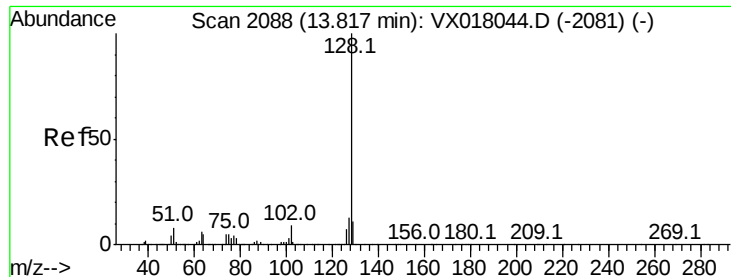
#94
 Hexachlorobutadiene
 Concen: 46.550 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018289.D
 Acq: 08 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.7	92.1
227	60.2	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: 42.254 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

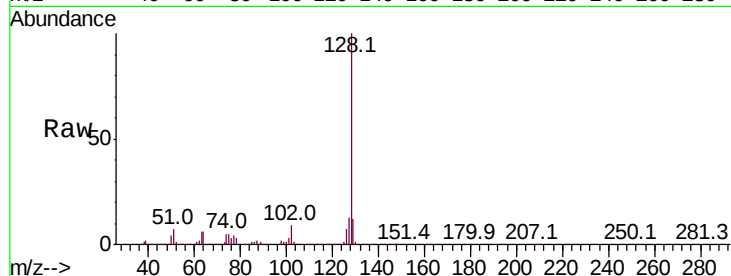
Tot Ion:128 Resp: 1065847

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

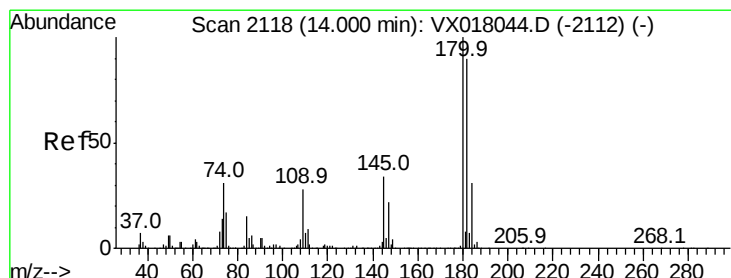
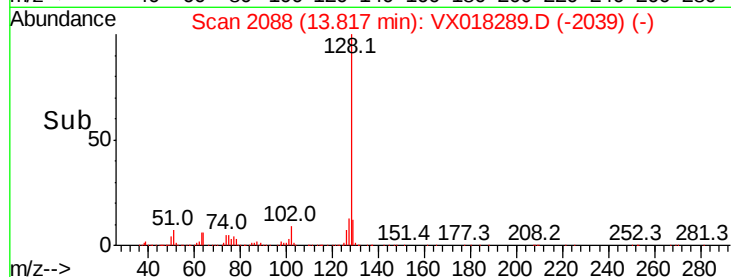
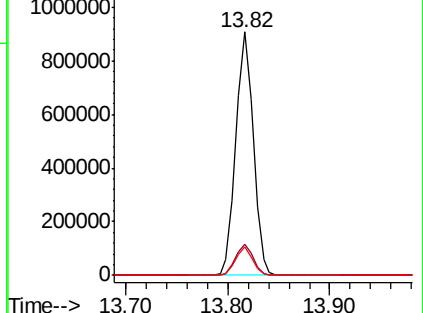
129 11.2 8.7 13.1



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: 43.733 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018289.D

Acq: 08 Sep 2020 20:35

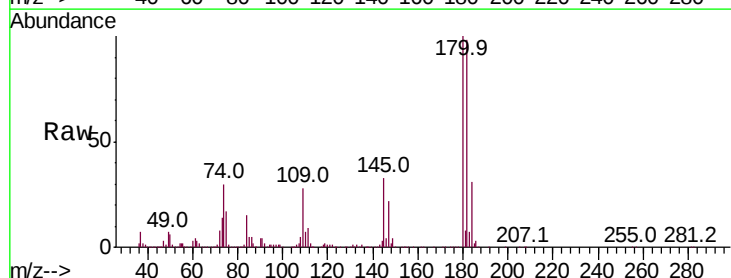
Tgt Ion:180 Resp: 331209

Ion Ratio Lower Upper

180 100

182 97.1 47.3 142.0

145 33.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

