

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016135.D
 Acq On : 08 May 2020 20:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 05:40:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	441976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	175597	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.47	113	137432	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.70	98	534575	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.12	95	208031	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	147624	51.141	ug/l	99
3) Chloromethane	1.31	50	150475	44.886	ug/l	99
4) Vinyl Chloride	1.39	62	173012	48.373	ug/l	99
5) Bromomethane	1.62	94	63466	35.198	ug/l	95
6) Chloroethane	1.70	64	105393	48.430	ug/l	99
7) Trichlorofluoromethane	1.91	101	226116	48.155	ug/l	99
8) Diethyl Ether	2.17	74	92585	46.797	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134327	49.585	ug/l	99
10) Methyl Iodide	2.49	142	107837	29.635	ug/l	100
11) Tert butyl alcohol	3.02	59	223321	246.088	ug/l	100
12) 1,1-Dichloroethene	2.35	96	136246	48.060	ug/l	95
13) Acrolein	2.27	56	89806	158.145	ug/l	100
14) Allyl chloride	2.71	41	255075	49.072	ug/l	98
15) Acrylonitrile	3.12	53	479757	254.840	ug/l	99
16) Acetone	2.42	43	394499	246.372	ug/l	96
17) Carbon Disulfide	2.55	76	405840	47.661	ug/l	99
18) Methyl Acetate	2.75	43	205122	52.100	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	500709	51.235	ug/l	100
20) Methylene Chloride	2.84	84	158536	48.028	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152598	48.303	ug/l	99
22) Diisopropyl ether	3.82	45	497417	50.724	ug/l	99
23) Vinyl Acetate	3.79	43	2235193	259.080	ug/l	100
24) 1,1-Dichloroethane	3.67	63	278781	50.820	ug/l	99
25) 2-Butanone	4.64	43	666809	258.429	ug/l	100
26) 2,2-Dichloropropane	4.56	77	223888	44.691	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	173733	50.303	ug/l	98
28) Bromochloromethane	4.98	49	123309	49.297	ug/l	100
29) Tetrahydrofuran	5.09	42	436861	255.524	ug/l	100
30) Chloroform	5.18	83	277376	50.784	ug/l	98
31) Cyclohexane	5.55	56	248438	49.833	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	252269	50.812	ug/l	100
36) 1,1-Dichloropropene	5.78	75	211972	48.722	ug/l	98
37) Ethyl Acetate	4.80	43	252761	50.126	ug/l	100
38) Carbon Tetrachloride	5.76	117	220107	49.774	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	247664	47.270	ug/l	99
40) Benzene	6.12	78	631706	49.624	ug/l	100
41) Methacrylonitrile	5.01	41	138563	50.882	ug/l	99
42) 1,2-Dichloroethane	6.17	62	224542	48.966	ug/l	100
43) Isopropyl Acetate	6.42	43	403642	50.170	ug/l	100
44) Trichloroethene	7.19	130	188038	41.579	ug/l	97
45) 1,2-Dichloropropane	7.49	63	165328	51.327	ug/l	99
46) Dibromomethane	7.64	93	107518	49.119	ug/l	98
47) Bromodichloromethane	7.88	83	228207	51.189	ug/l	98
48) Methyl methacrylate	7.75	41	192959	50.614	ug/l	98
49) 1,4-Dioxane	7.71	88	87186	953.555	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1279723	259.928	ug/l	99
52) Toluene	8.77	92	398254	50.192	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	261544	49.205	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	275177	49.563	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162066	51.915	ug/l	98
56) Ethyl methacrylate	9.16	69	267493	52.494	ug/l	97
57) 1,3-Dichloropropane	9.35	76	278392	51.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	684186	252.203	ug/l	99
59) 2-Hexanone	9.48	43	997845	258.078	ug/l	99
60) Dibromochloromethane	9.57	129	180989	52.641	ug/l	100
61) 1,2-Dibromoethane	9.66	107	172401	50.984	ug/l	99
64) Tetrachloroethene	9.32	164	210000	40.646	ug/l	94
65) Chlorobenzene	10.12	112	430014	48.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	164172	50.404	ug/l	99
67) Ethyl Benzene	10.24	91	766800	48.768	ug/l	100
68) m/p-Xylenes	10.34	106	581406	98.694	ug/l	99
69) o-Xylene	10.68	106	280403	49.518	ug/l	100
70) Styrene	10.69	104	489346	50.938	ug/l	100
71) Bromoform	10.84	173	140305	52.872	ug/l #	97
73) Isopropylbenzene	11.01	105	755868	48.649	ug/l	99
74) N-amyl acetate	10.88	43	354345	48.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	209683	66.045	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	234094m	48.292	ug/l	
77) Bromobenzene	11.24	156	190337	47.461	ug/l	98
78) n-propylbenzene	11.35	91	871941	48.240	ug/l	100
79) 2-Chlorotoluene	11.41	91	515856	48.350	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	638125	48.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97451	47.908	ug/l	99
82) 4-Chlorotoluene	11.49	91	612478	48.613	ug/l	100
83) tert-Butylbenzene	11.76	119	566374	50.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	643572	48.525	ug/l	100
85) sec-Butylbenzene	11.93	105	730037	47.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	675803	47.685	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	340100	47.231	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	347408	47.534	ug/l	99
89) n-Butylbenzene	12.37	91	602706	46.551	ug/l	100
90) Hexachloroethane	12.58	117	119506	49.099	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	324723	46.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62469	48.897	ug/l	99

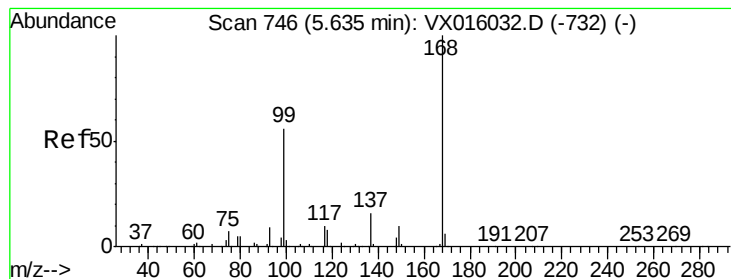
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237769	46.318	ug/l	99
94) Hexachlorobutadiene	13.77	225	91732	41.588	ug/l	100
95) Naphthalene	13.82	128	804248	48.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	233615	46.565	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

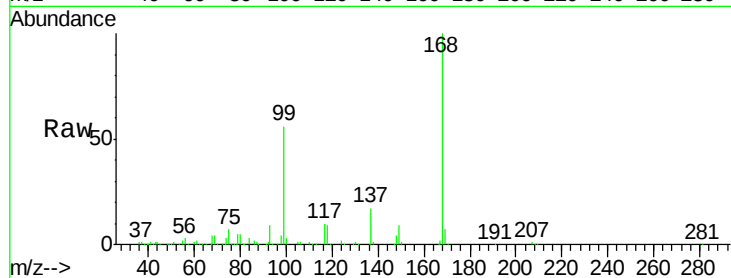
VSTDCCC050EC

Tot Ion:168 Resp: 272717

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

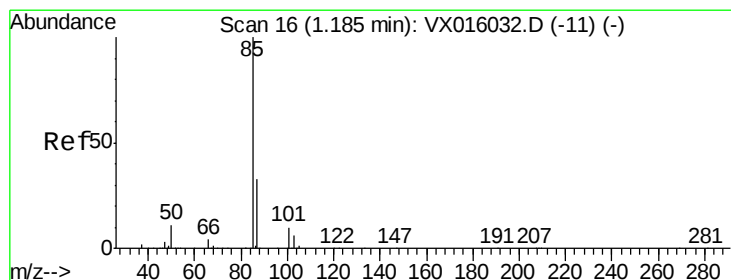
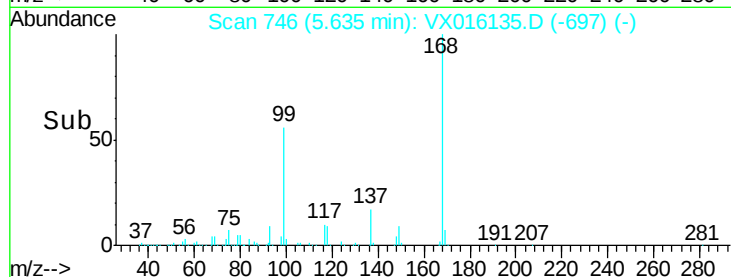
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.141 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016135.D

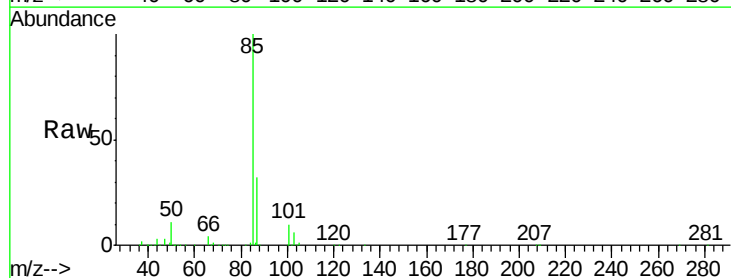
Acq: 08 May 2020 20:36

Tgt Ion: 85 Resp: 147624

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

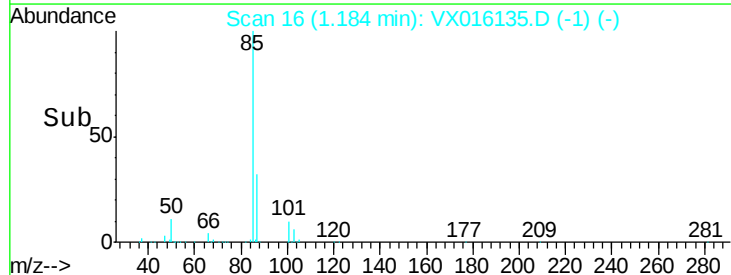
150000

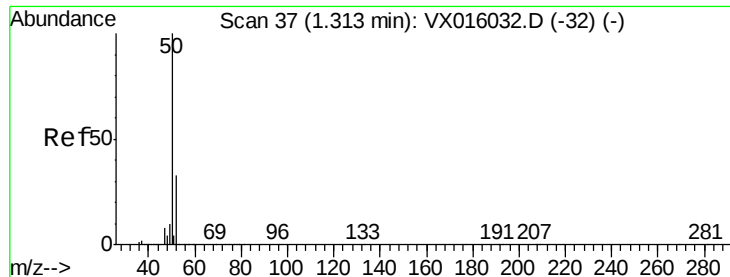
100000

50000

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Time-->





#3

Chloromethane

Concen: 44.886 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

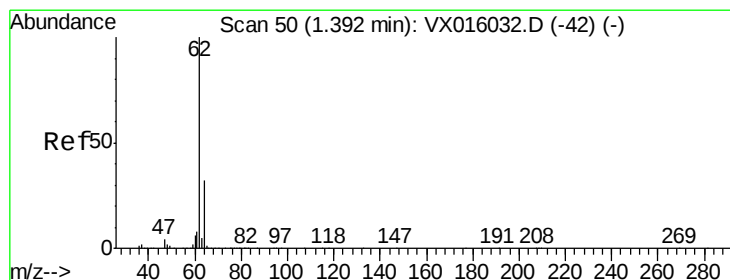
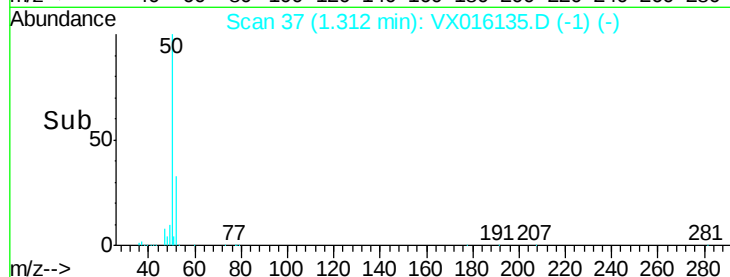
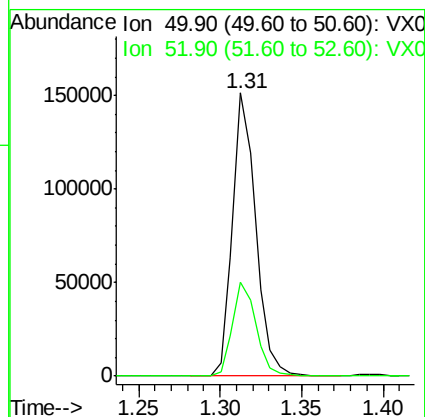
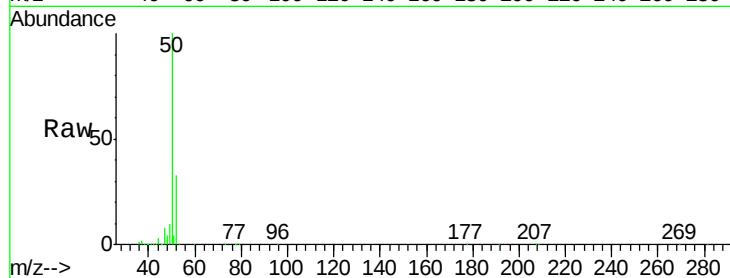
VSTDCCC050EC

Tot Ion: 50 Resp: 150475

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 48.373 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016135.D

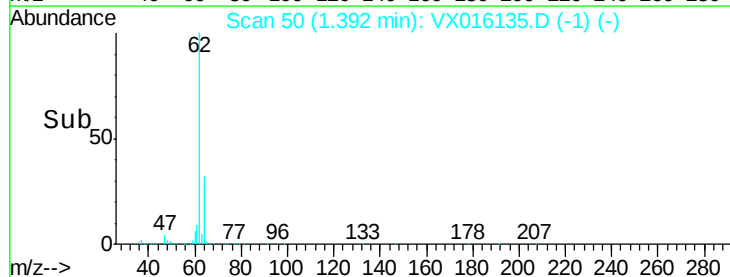
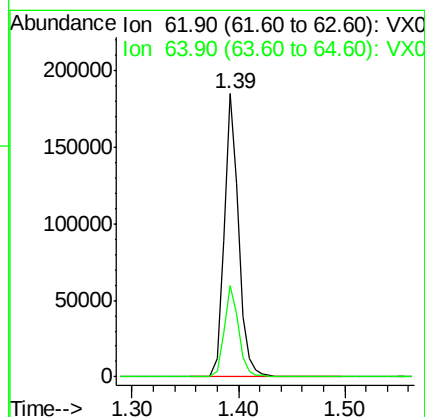
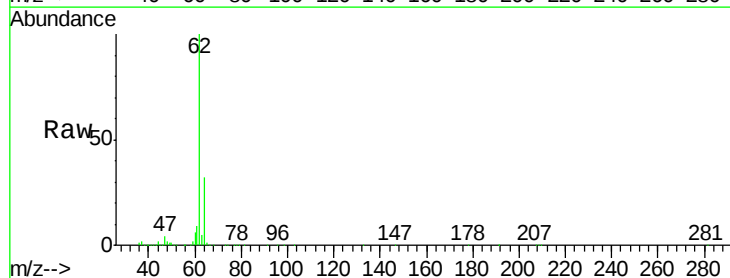
Acq: 08 May 2020 20:36

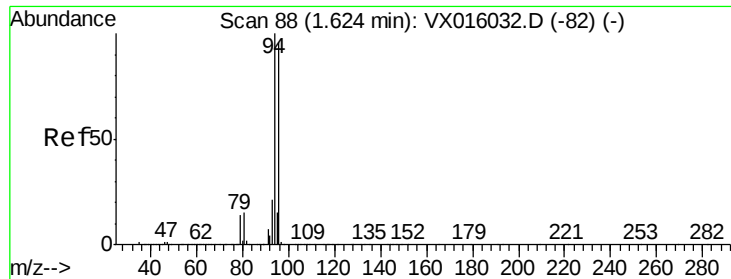
Tgt Ion: 62 Resp: 173012

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 35.198 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

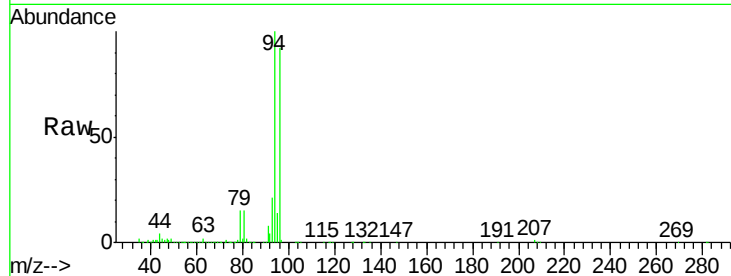
VSTDCCC050EC

Tot Ion: 94 Resp: 63466

Ion Ratio Lower Upper

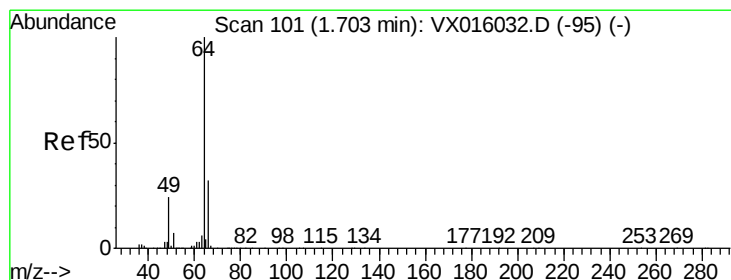
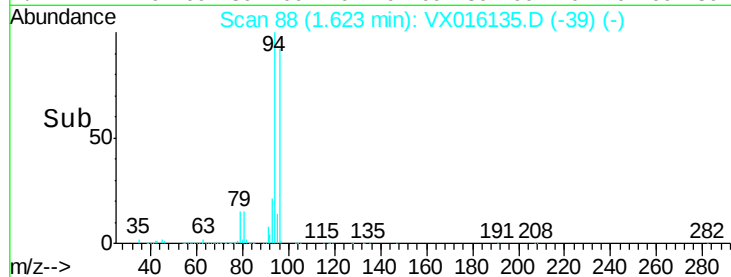
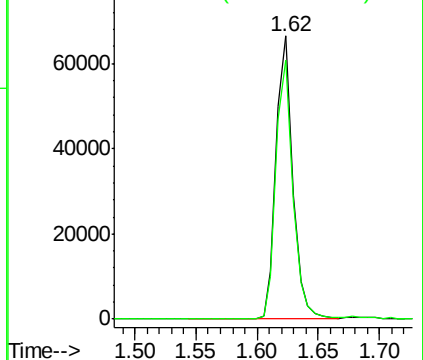
94 100

96 91.6 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.430 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016135.D

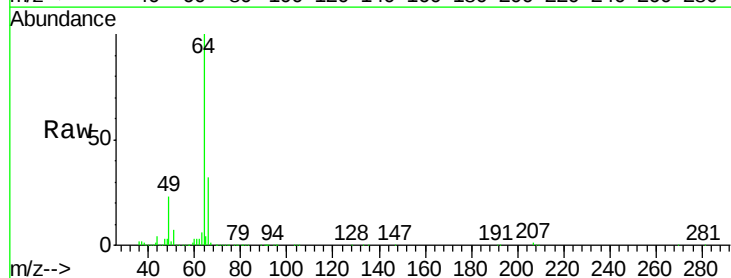
Acq: 08 May 2020 20:36

Tgt Ion: 64 Resp: 105393

Ion Ratio Lower Upper

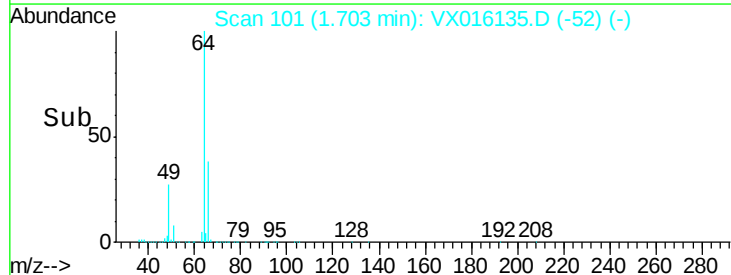
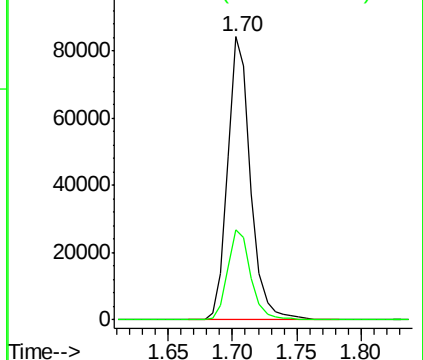
64 100

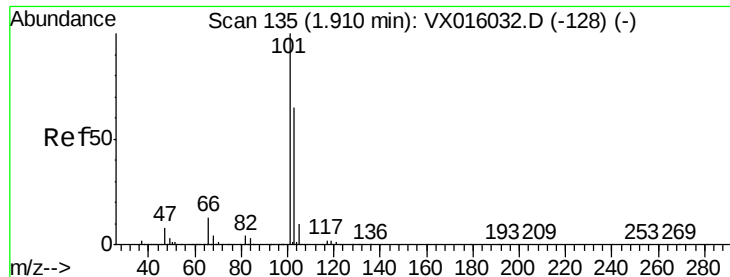
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



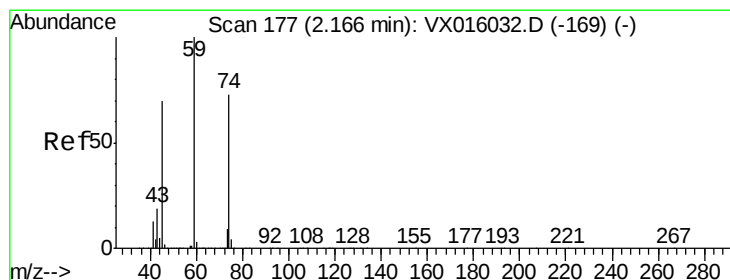
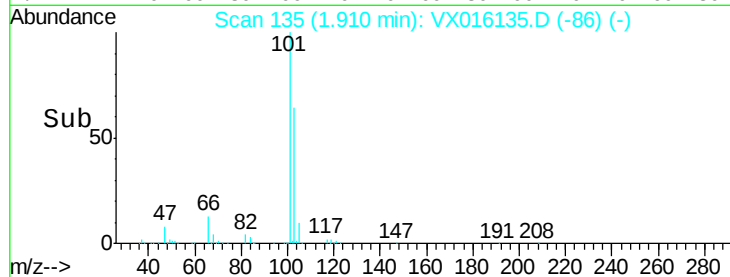
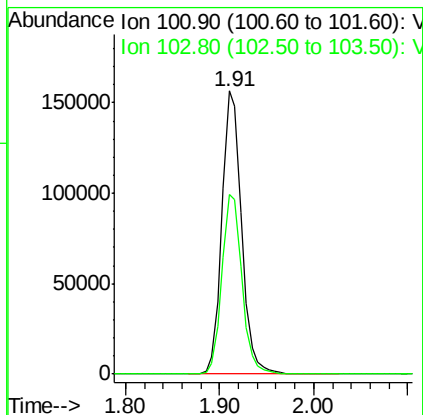
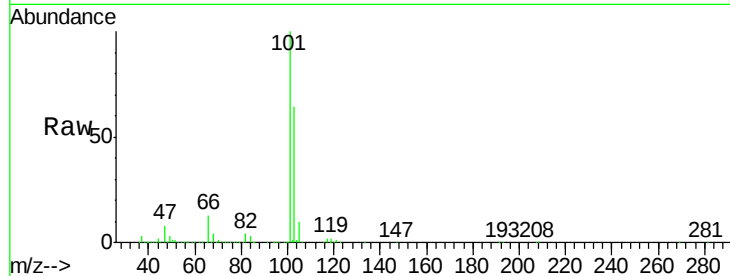


#7

Trichlorofluoromethane
 Concen: 48.155 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Instrument :
 MSVOA_X
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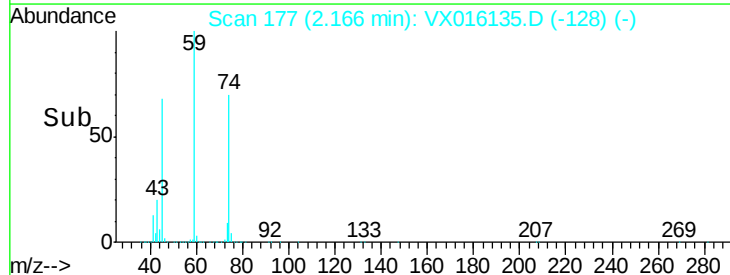
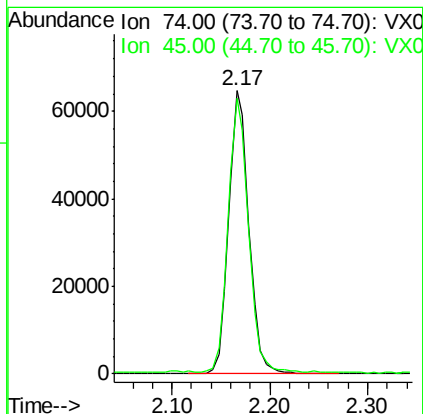
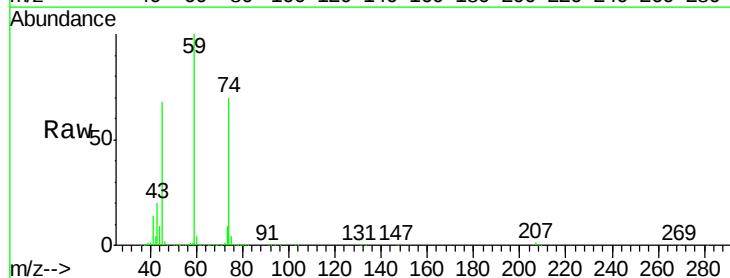
Tot Ion:101 Resp: 226116
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6

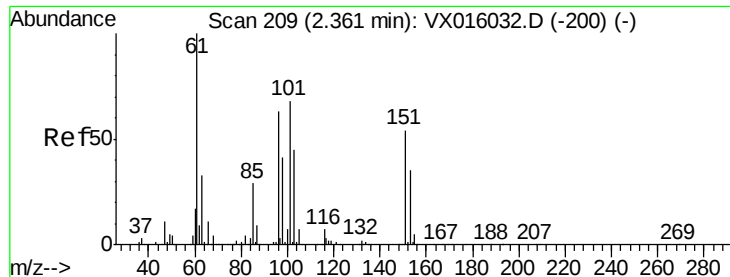


#8

Diethyl Ether
 Concen: 46.797 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion: 74 Resp: 92585
 Ion Ratio Lower Upper
 74 100
 45 97.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.585 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

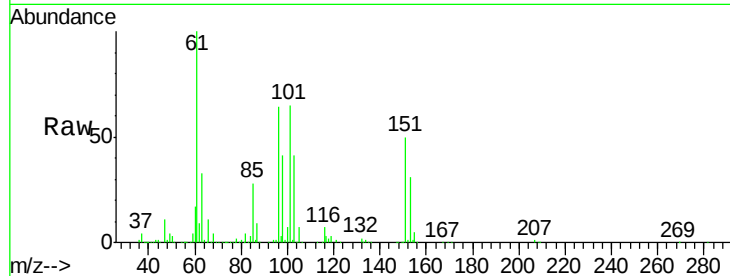
Tot Ion:101 Resp: 134327

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

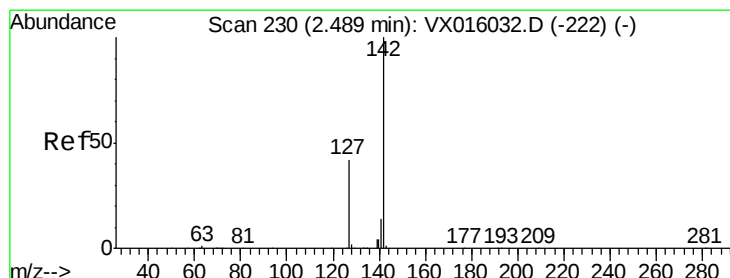
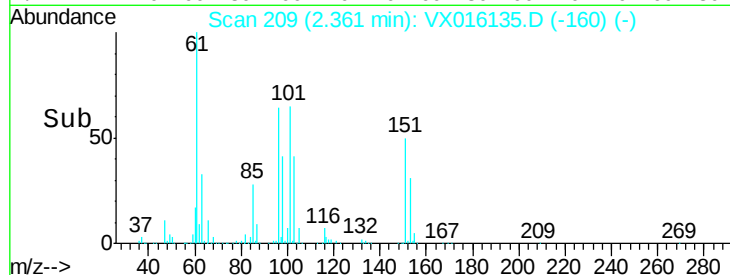
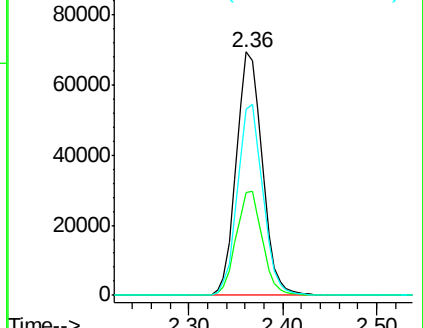
151 76.8 62.1 93.1



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: 29.635 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

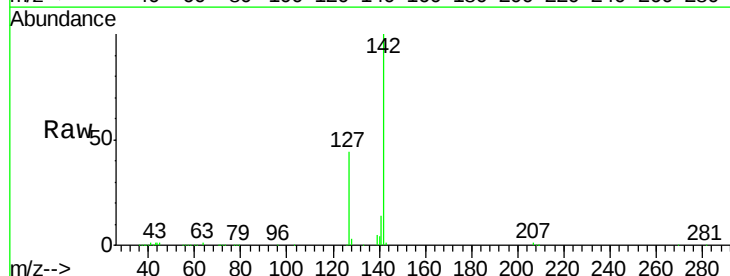
Tgt Ion:142 Resp: 107837

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

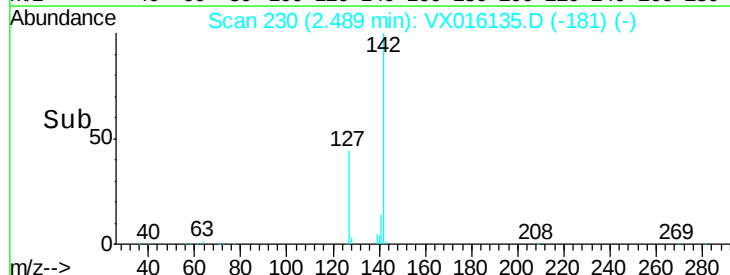
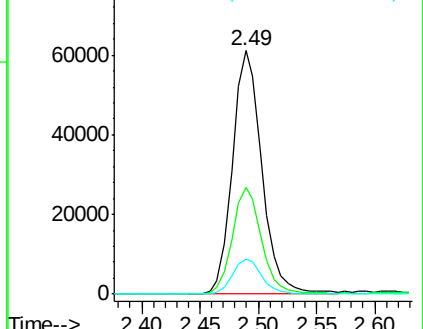
141 14.7 11.3 16.9

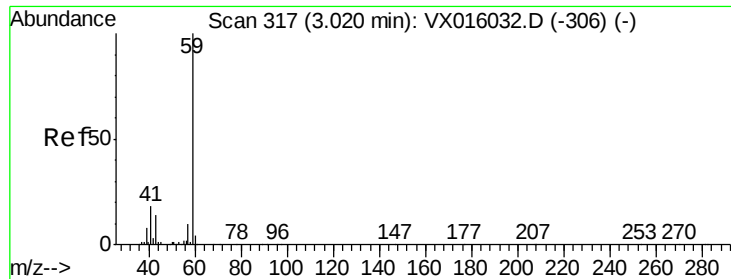


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



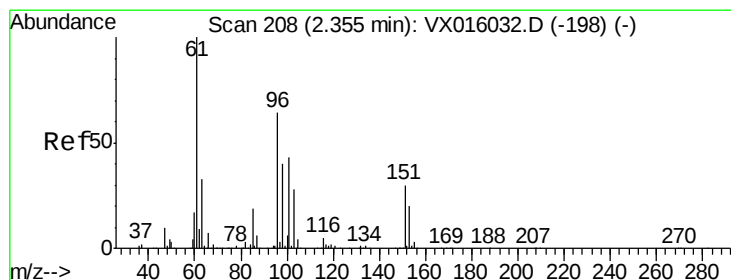
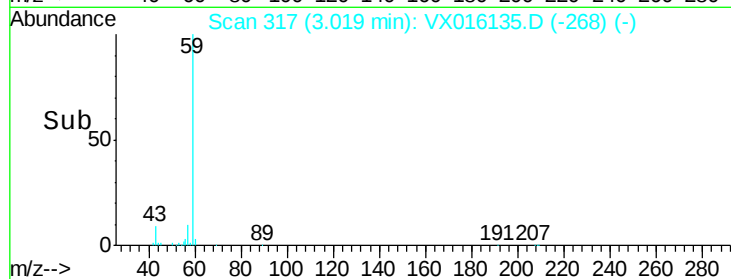
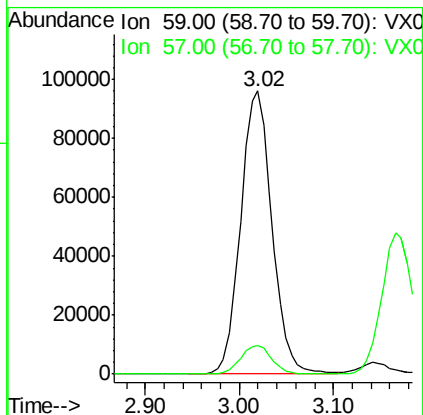
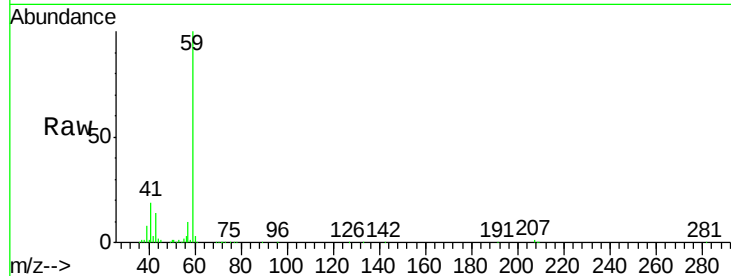


#11

Tert butyl alcohol
 Concen: 246.088 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

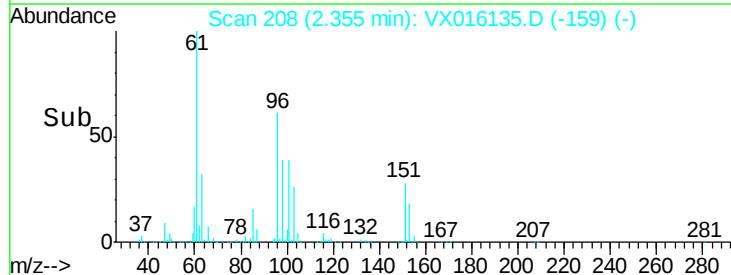
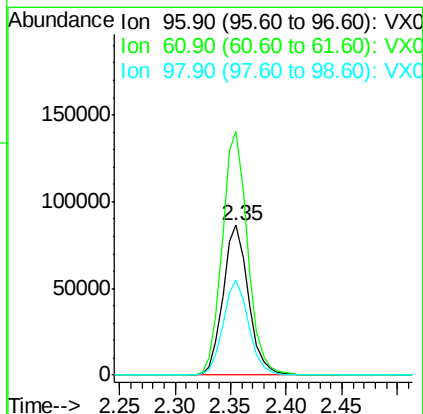
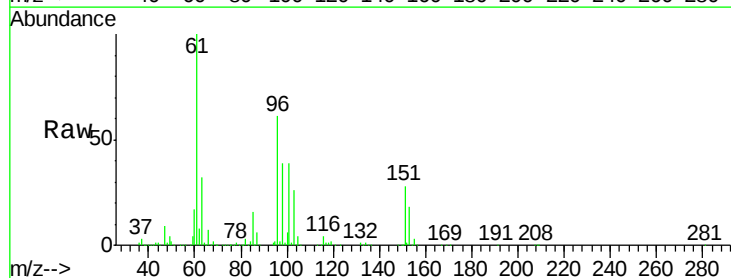
Tot Ion: 59 Resp: 223321
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

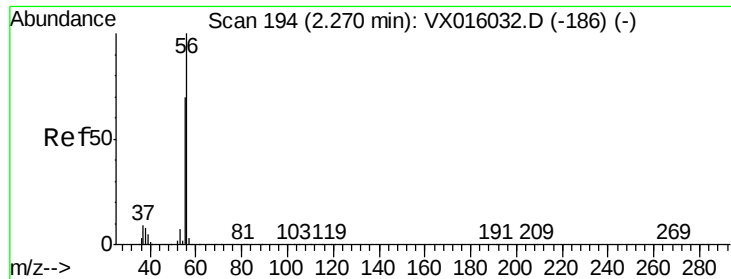


#12

1,1-Dichloroethene
 Concen: 48.060 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion: 96 Resp: 136246
 Ion Ratio Lower Upper
 96 100
 61 163.0 124.8 187.2
 98 64.1 49.7 74.5

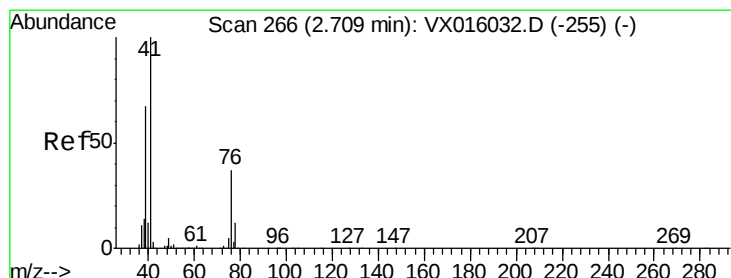
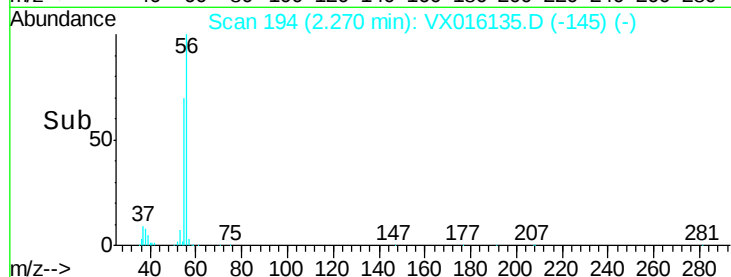
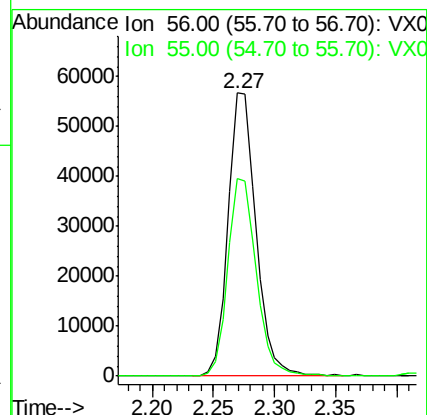
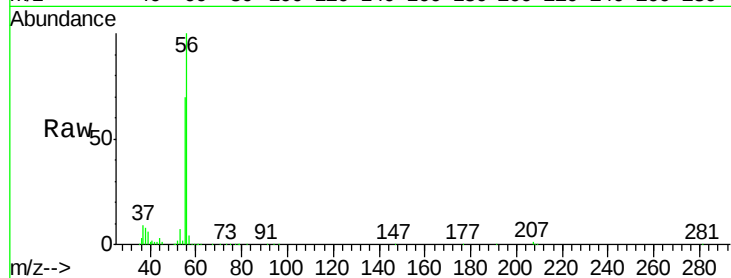




#13
Acrolein
Concen: 158.145 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

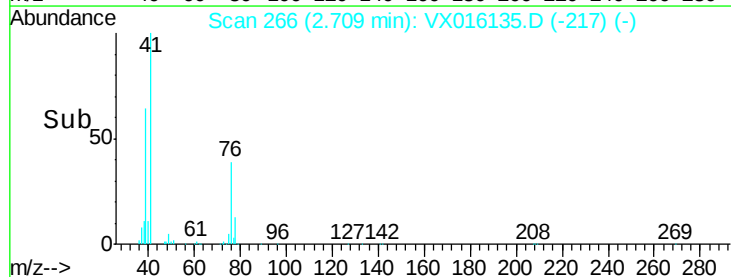
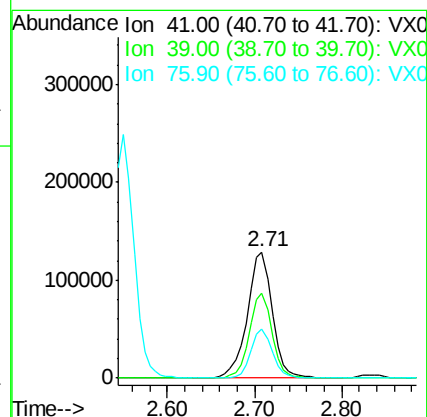
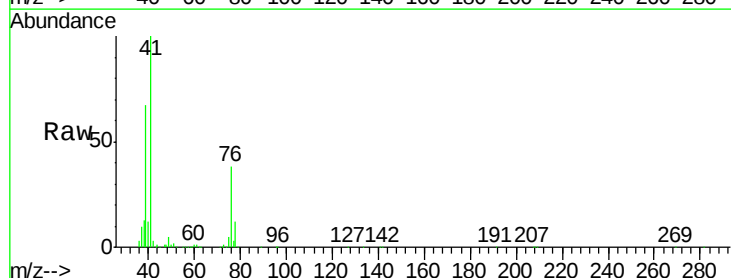
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

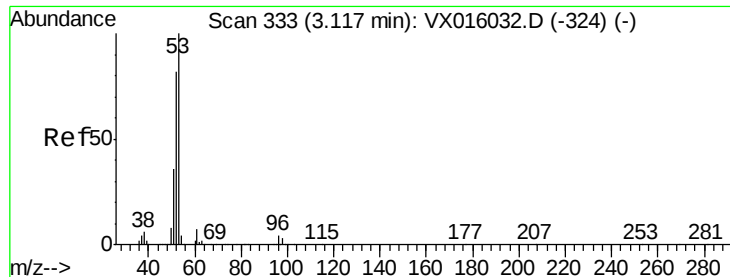
Tot Ion: 56 Resp: 89806
Ion Ratio Lower Upper
56 100
55 70.8 56.5 84.7



#14
Allyl chloride
Concen: 49.072 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 41 Resp: 255075
Ion Ratio Lower Upper
41 100
39 61.0 50.5 75.7
76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 254.840 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

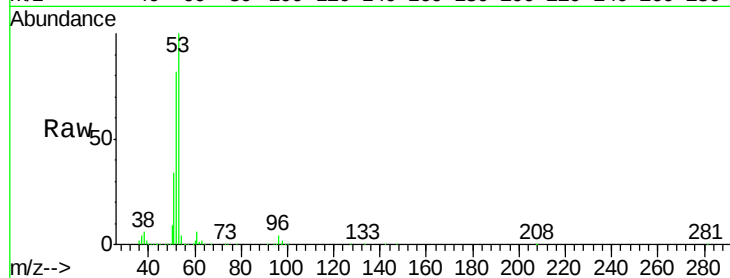
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 479757

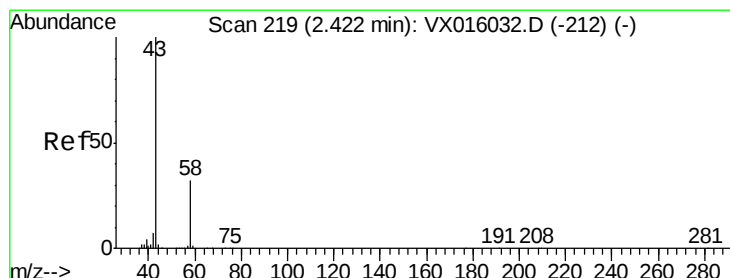
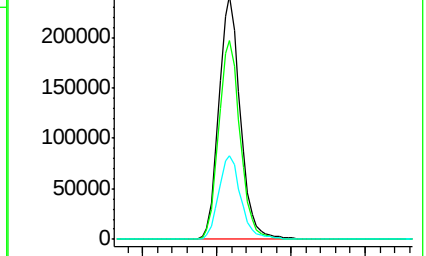
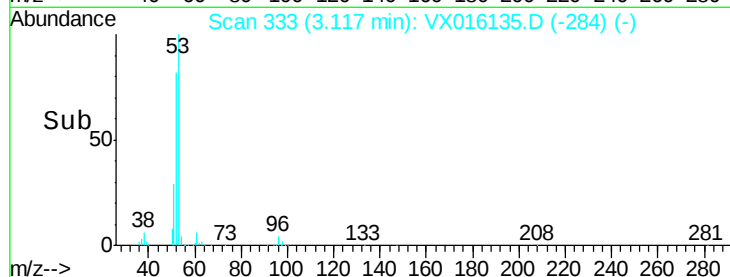
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.3	28.8	43.2



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: 246.372 ug/l

RT: 2.42 min Scan# 219

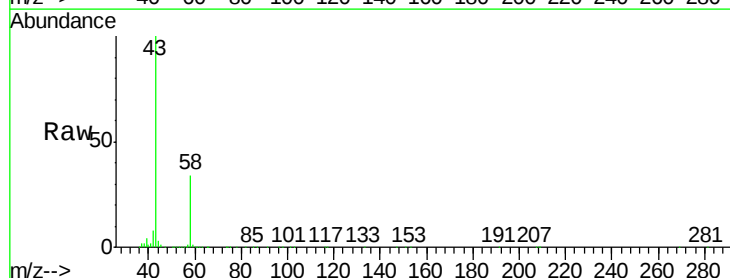
Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

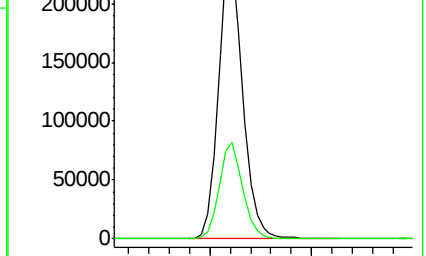
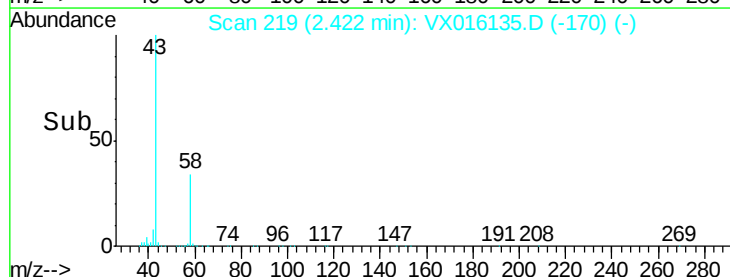
Tgt Ion: 43 Resp: 394499

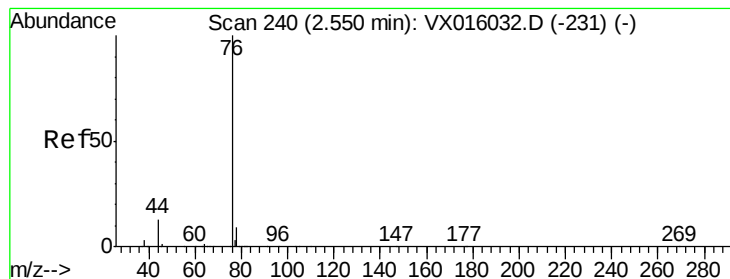
Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.661 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

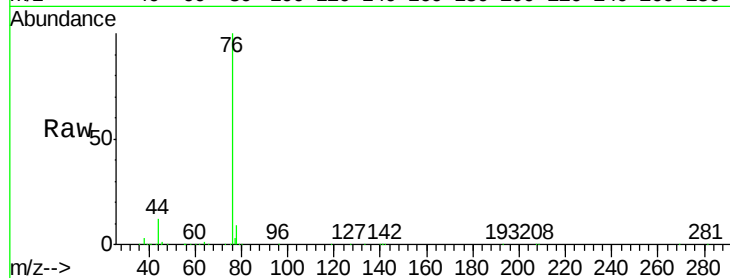
VSTDCCC050EC

Tot Ion: 76 Resp: 405840

Ion Ratio Lower Upper

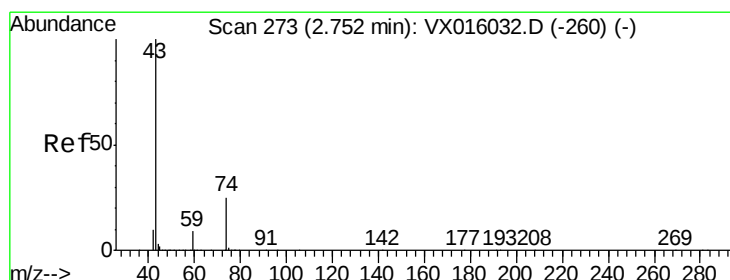
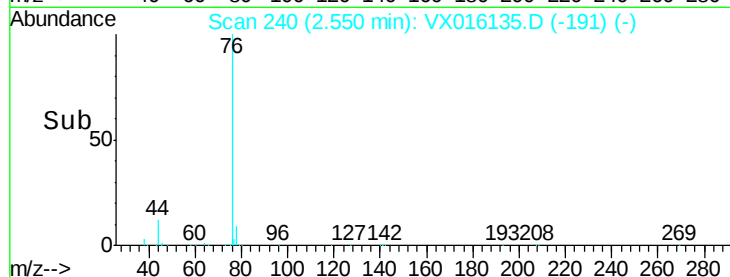
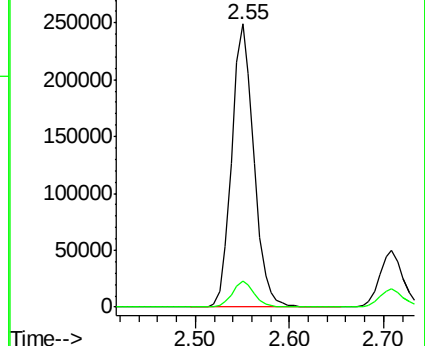
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.100 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016135.D

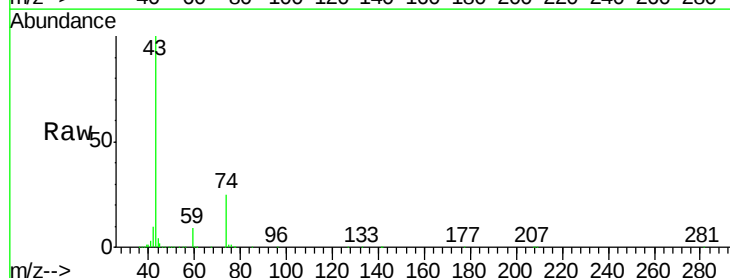
Acq: 08 May 2020 20:36

Tgt Ion: 43 Resp: 205122

Ion Ratio Lower Upper

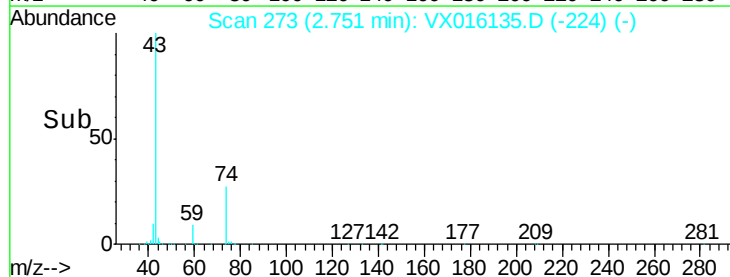
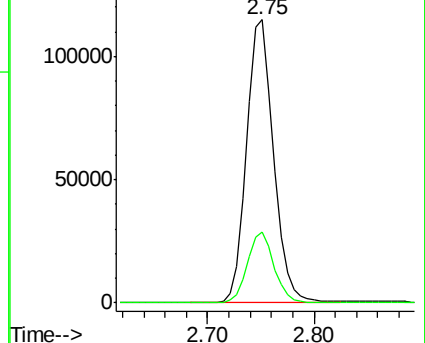
43 100

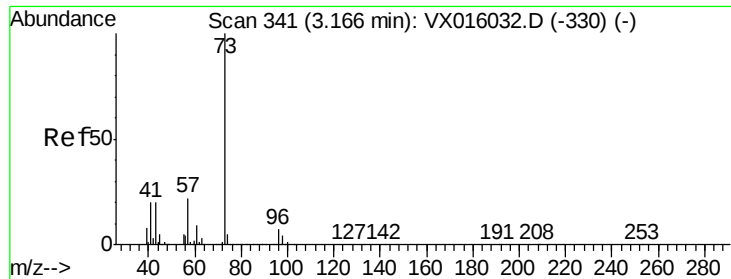
74 24.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

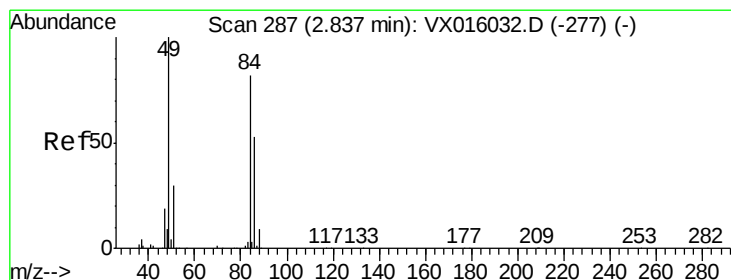
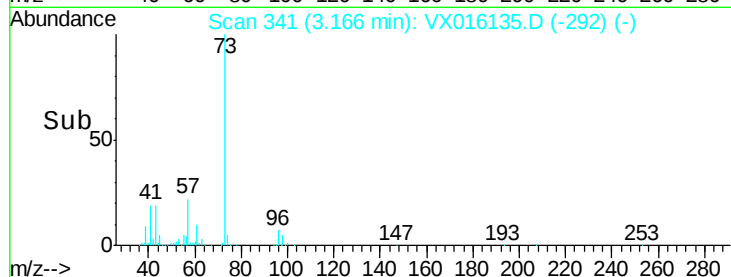
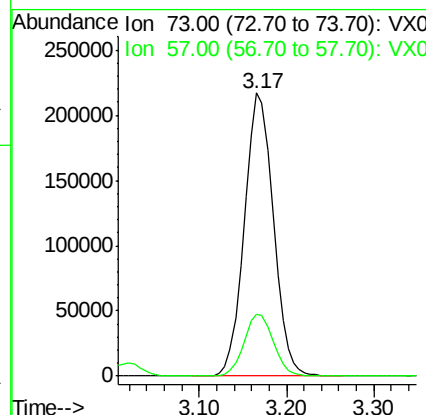
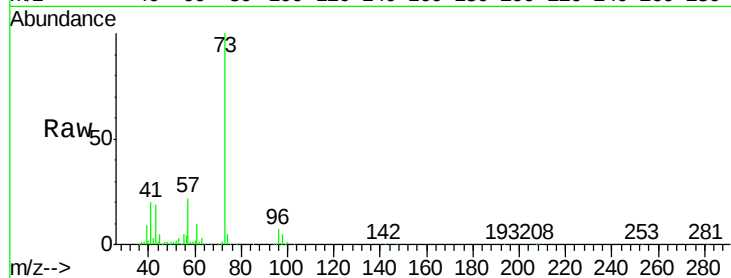




#19
Methvl tert-butvl Ether
Concen: 51.235 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

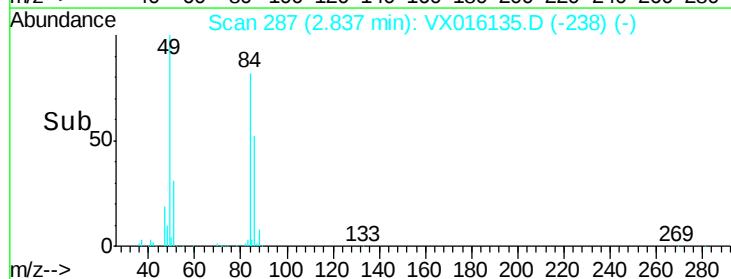
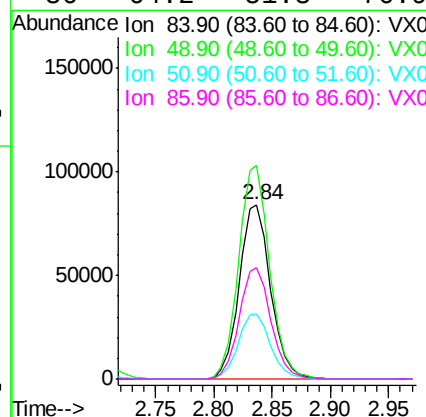
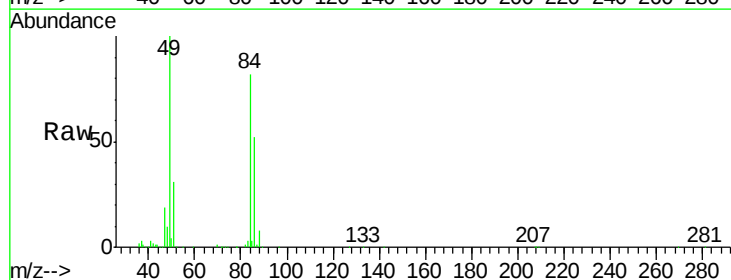
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

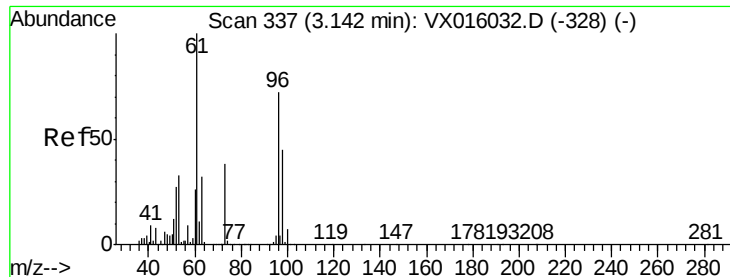
Tot Ion: 73 Resp: 500709
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 48.028 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 84 Resp: 158536
Ion Ratio Lower Upper
84 100
49 122.6 97.3 145.9
51 37.6 29.3 43.9
86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.303 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

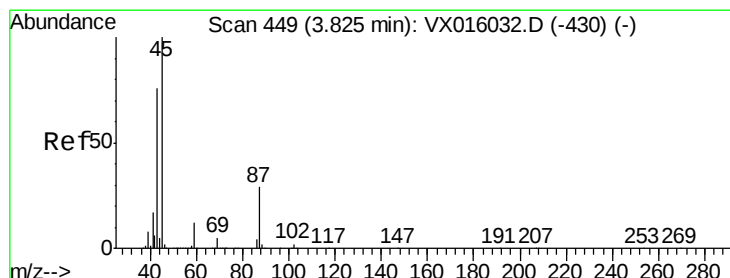
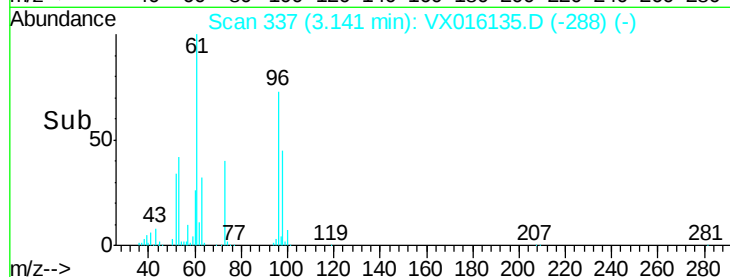
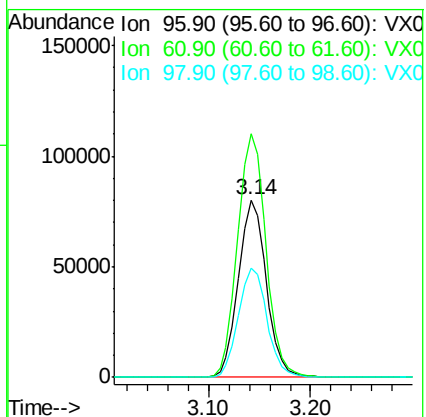
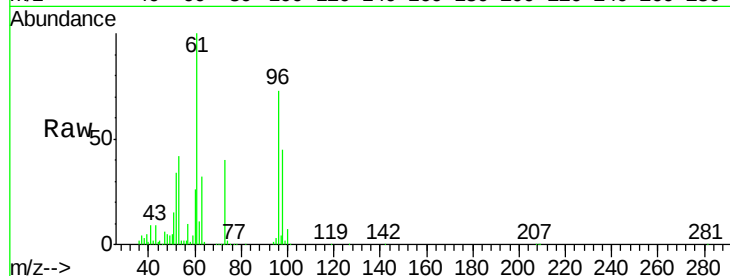
Tot Ion: 96 Resp: 152598

Ion Ratio Lower Upper

96 100

61 137.3 111.2 166.8

98 61.8 50.2 75.4



#22

Diisopropyl ether

Concen: 50.724 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Tgt Ion: 45 Resp: 497417

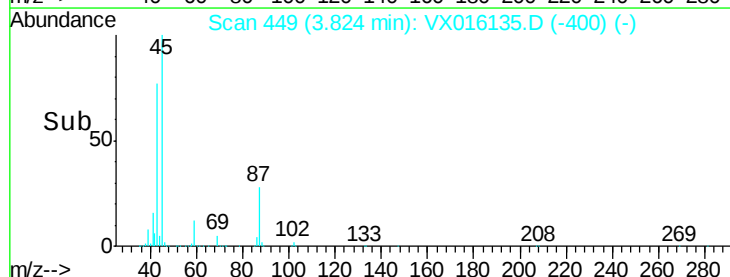
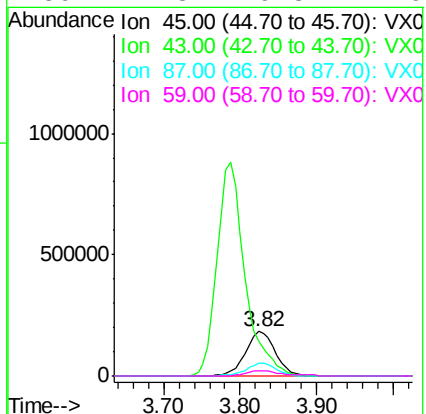
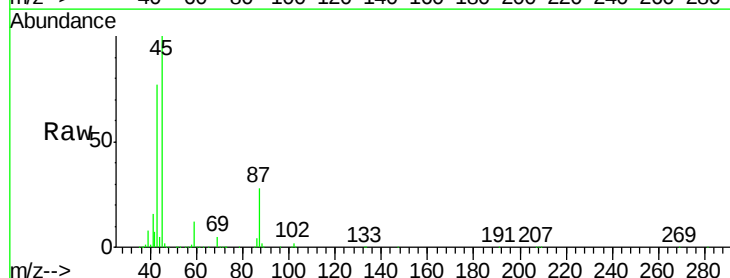
Ion Ratio Lower Upper

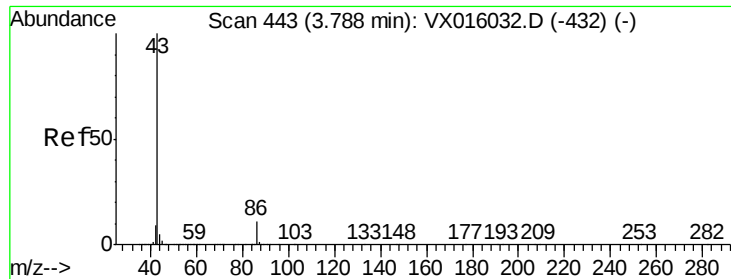
45 100

43 76.6 61.1 91.7

87 27.7 23.0 34.6

59 11.8 9.8 14.6





#23

Vinyl Acetate

Concen: 259.080 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

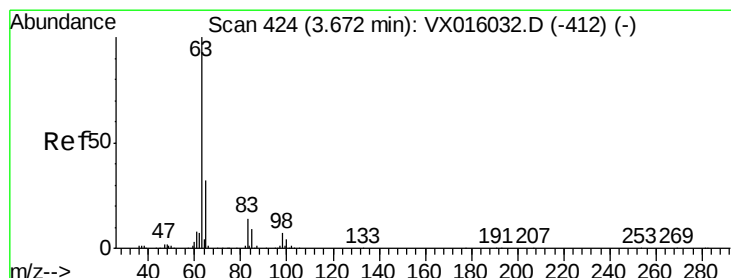
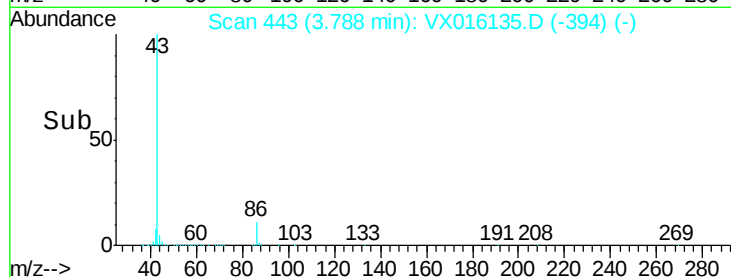
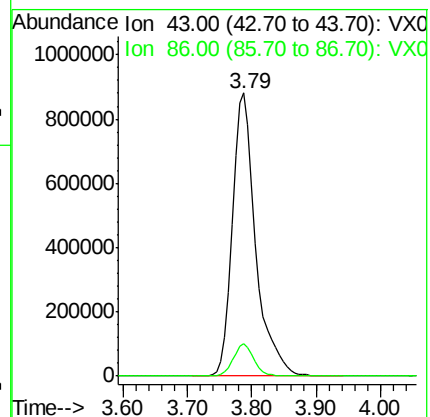
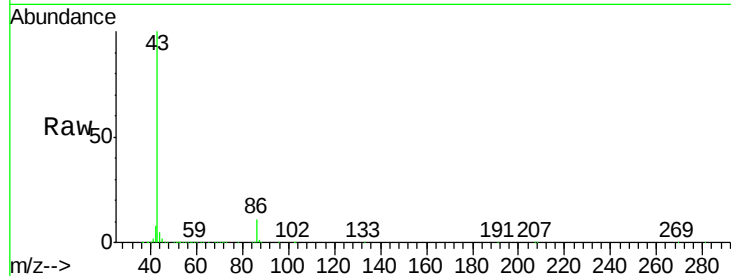
VSTDCCC050EC

Tot Ion: 43 Resp: 2235193

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.4



#24

1,1-Dichloroethane

Concen: 50.820 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

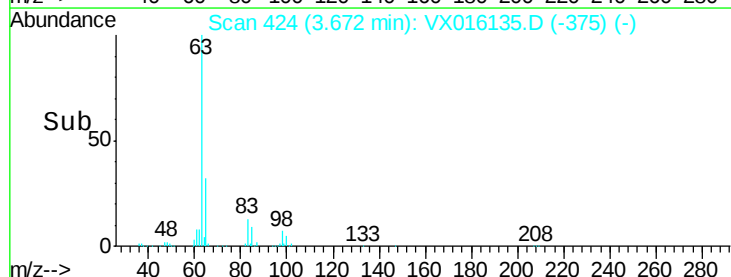
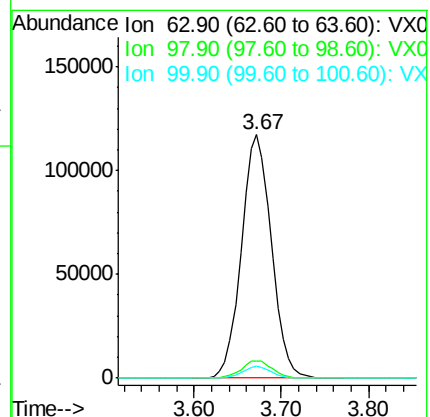
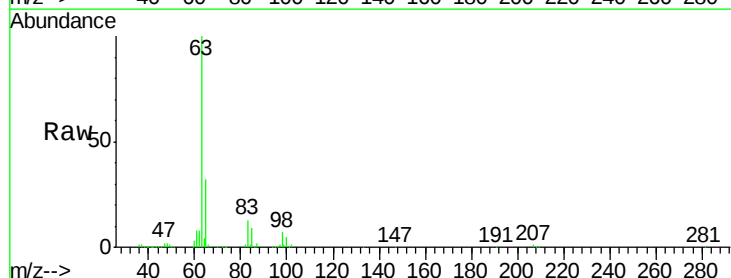
Tgt Ion: 63 Resp: 278781

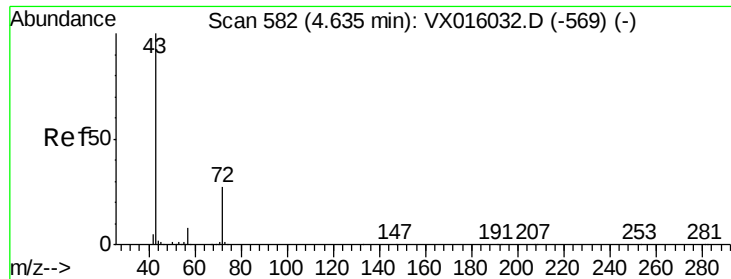
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 258.429 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

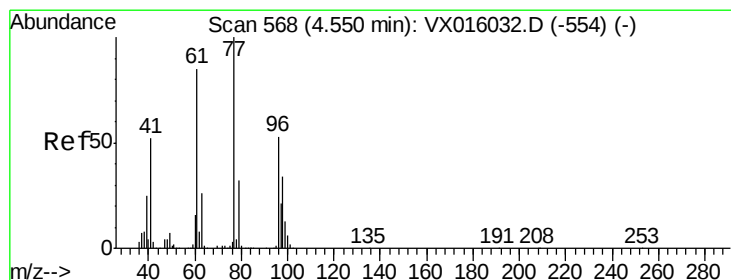
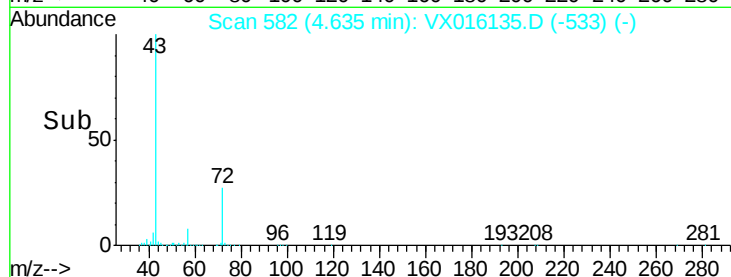
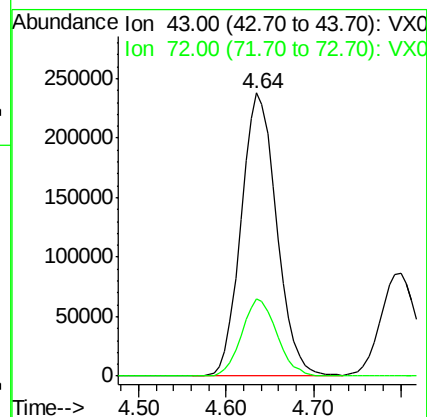
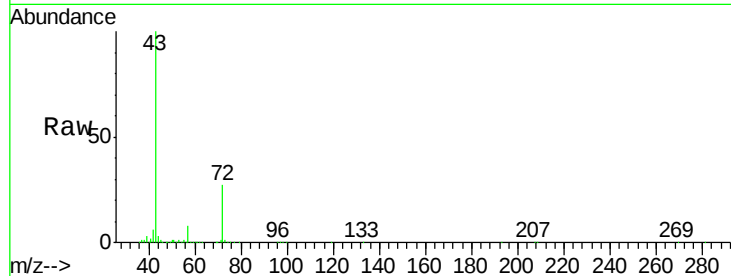
VSTDCCC050EC

Tot Ion: 43 Resp: 666809

Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8



#26

2,2-Dichloropropane

Concen: 44.691 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016135.D

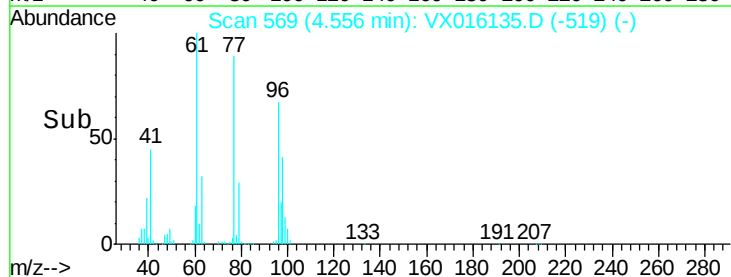
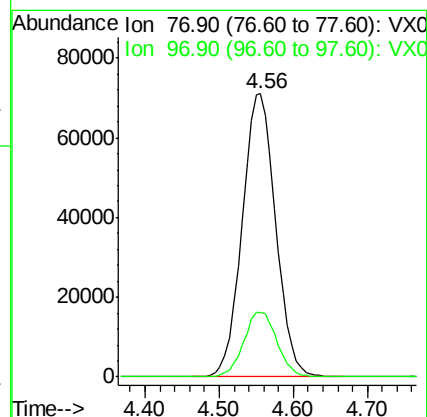
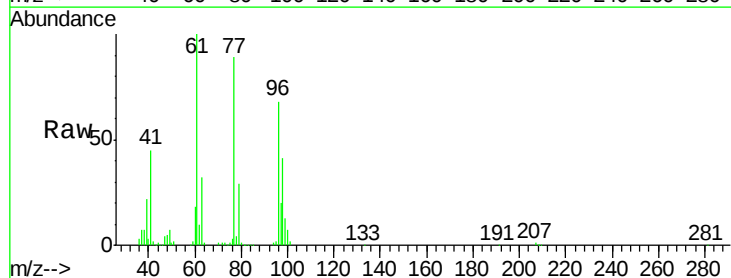
Acq: 08 May 2020 20:36

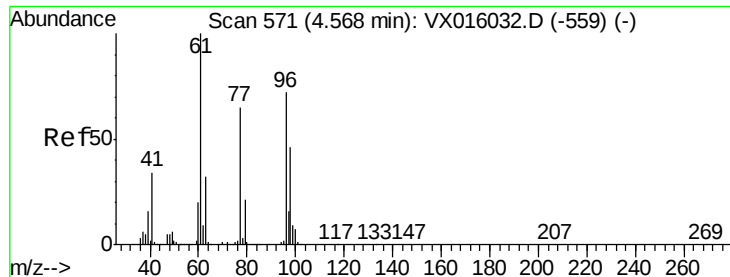
Tgt Ion: 77 Resp: 223888

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



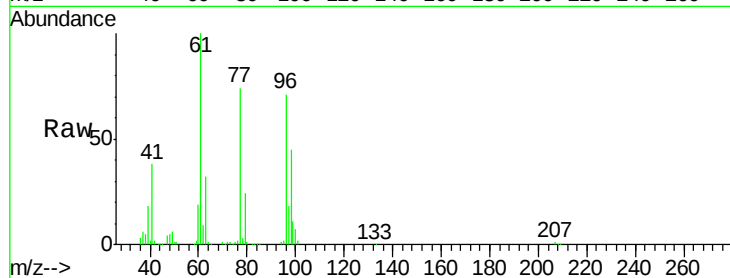


#27

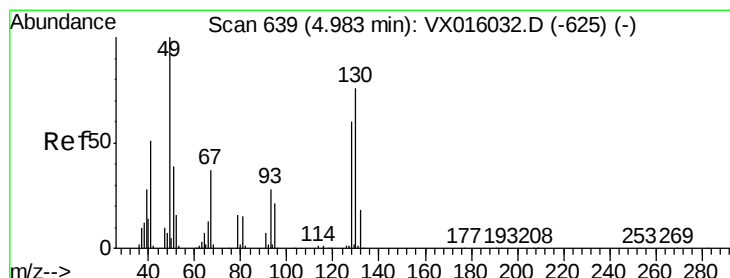
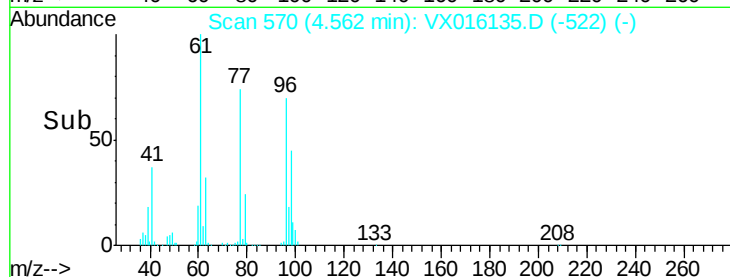
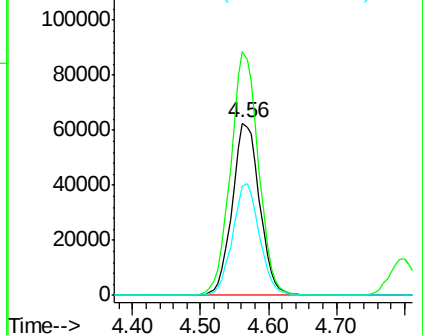
cis-1,2-Dichloroethene
Concen: 50.303 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	296.2
98	64.2	0.0	129.4



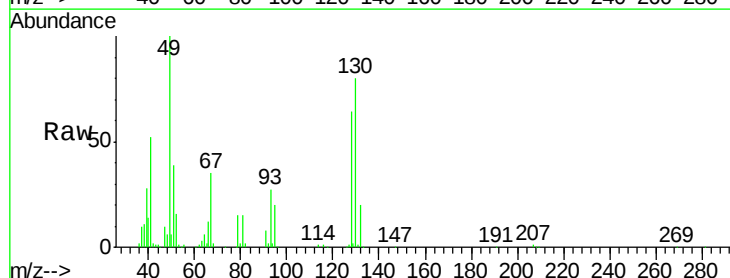
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



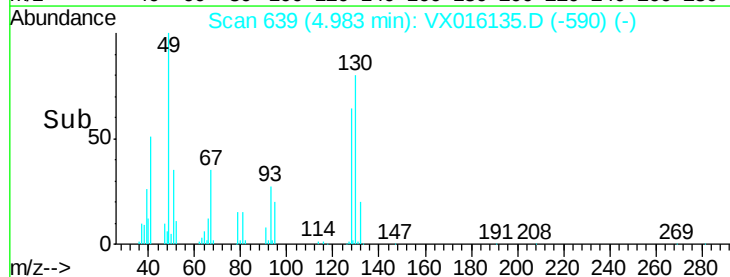
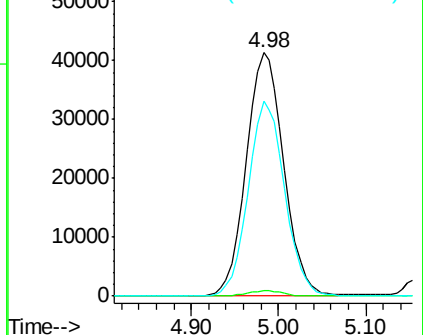
#28

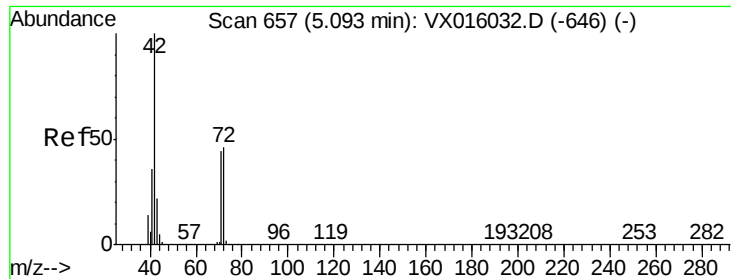
Bromochloromethane
Concen: 49.297 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	78.1	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 255.524 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

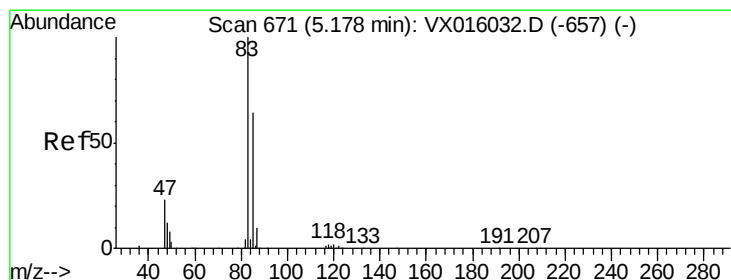
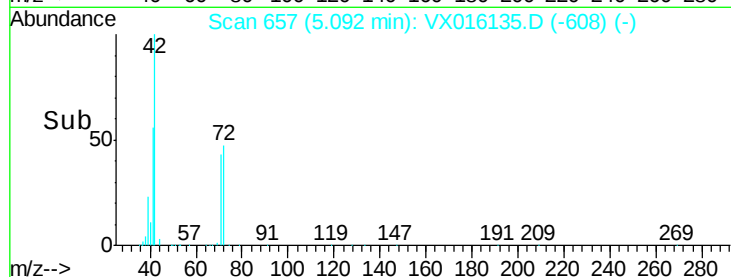
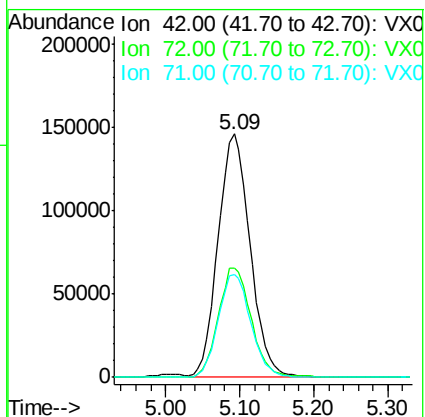
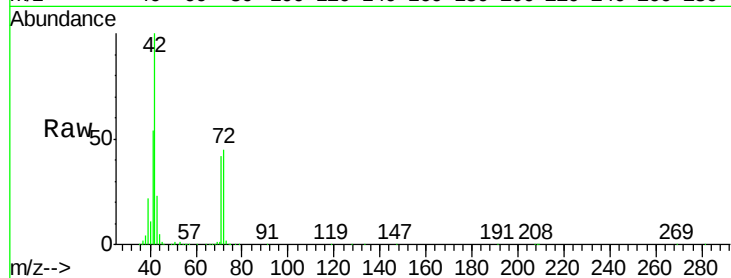
Tot Ion: 42 Resp: 436861

Ion Ratio Lower Upper

42 100

72 46.4 37.1 55.7

71 43.0 34.5 51.7



#30

Chloroform

Concen: 50.784 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016135.D

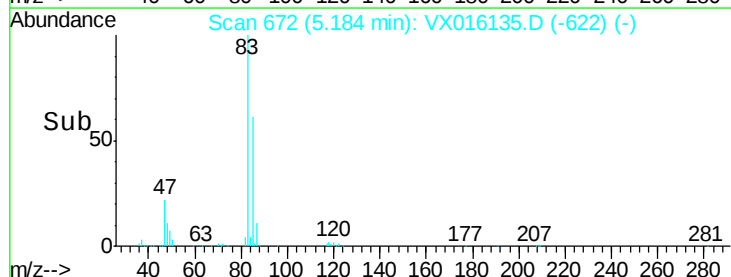
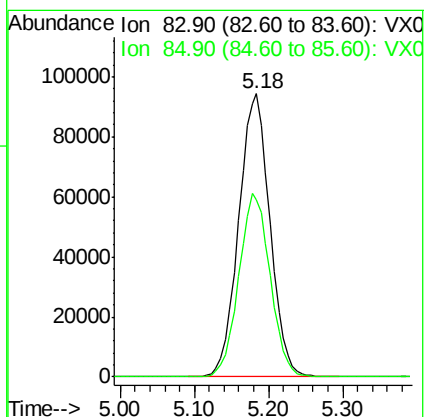
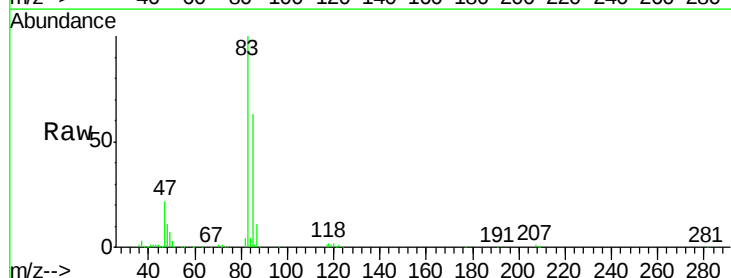
Acq: 08 May 2020 20:36

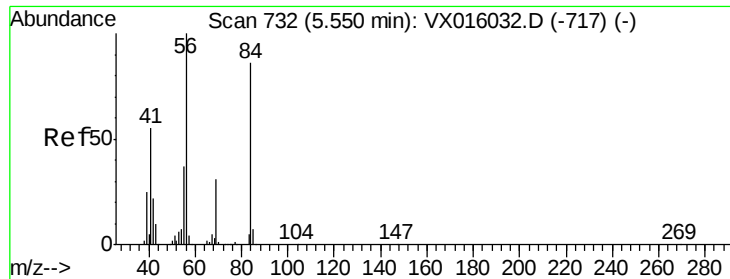
Tgt Ion: 83 Resp: 277376

Ion Ratio Lower Upper

83 100

85 62.5 51.6 77.4

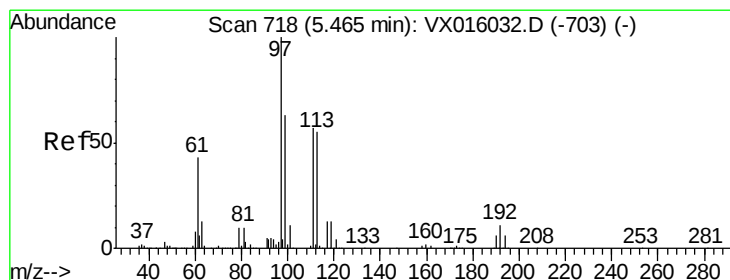
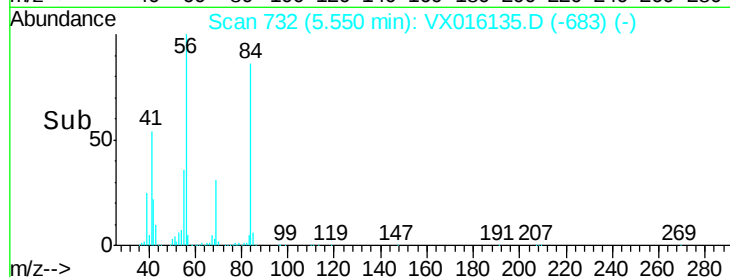
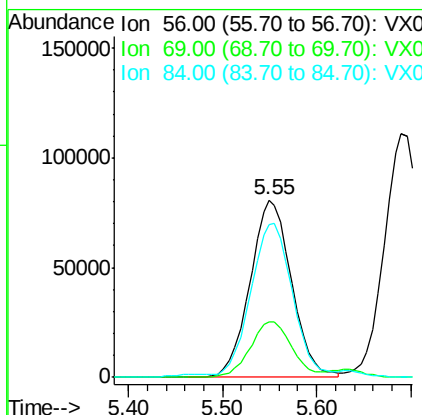
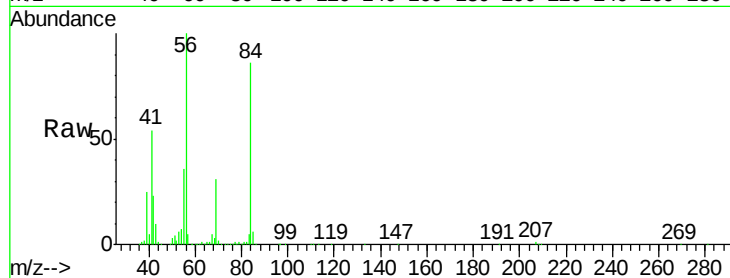




#31
Cyclohexane
Concen: 49.833 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

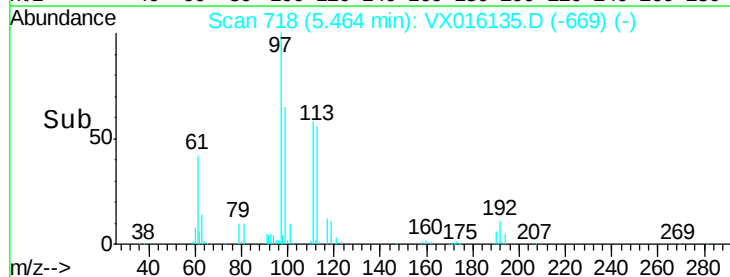
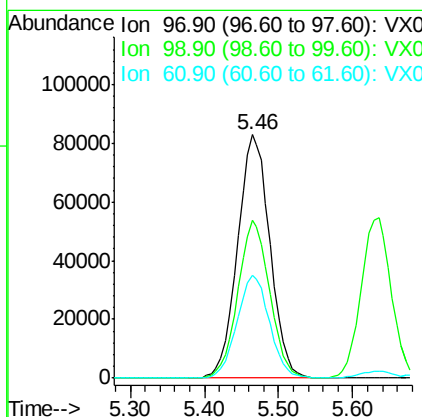
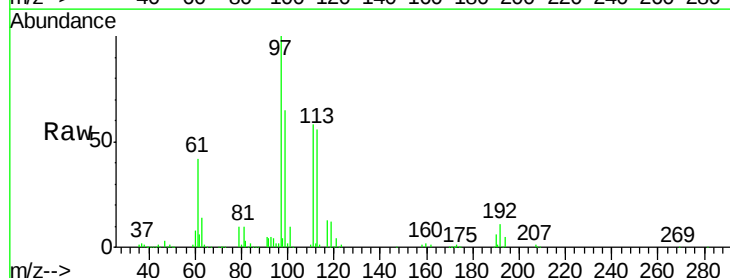
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

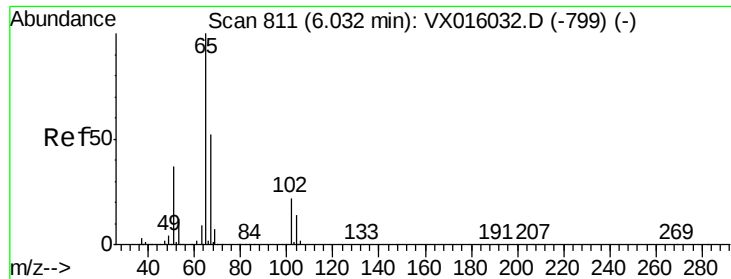
Tot Ion: 56 Resp: 248438
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 84.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.812 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 97 Resp: 252269
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 42.5 34.5 51.7

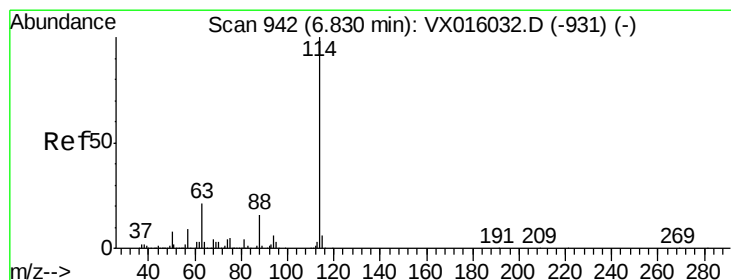
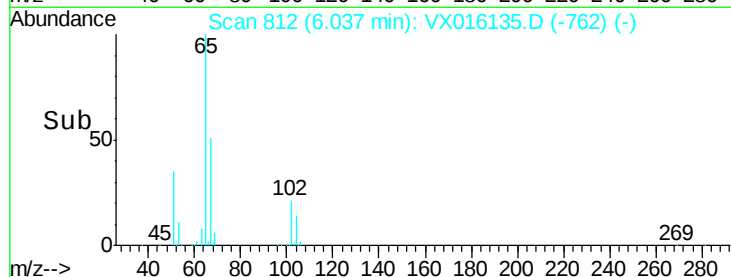
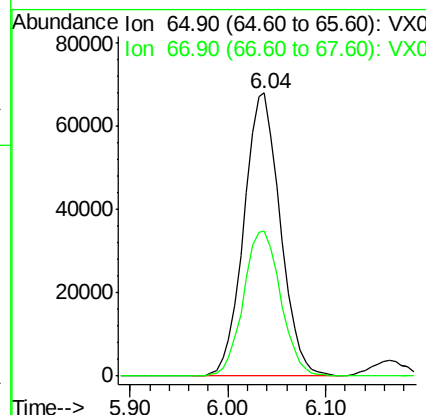
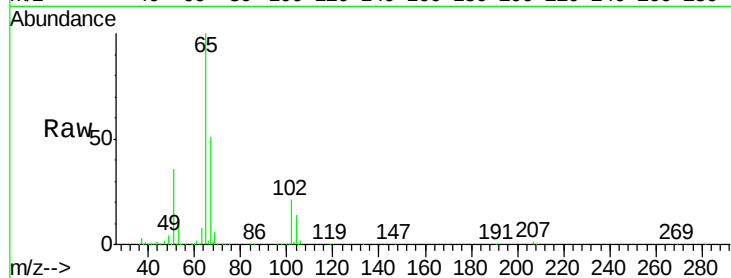




#33
 1,2-Dichloroethane-d4
 Concen: 48.931 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

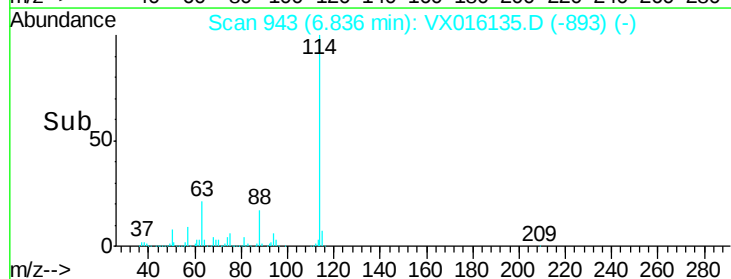
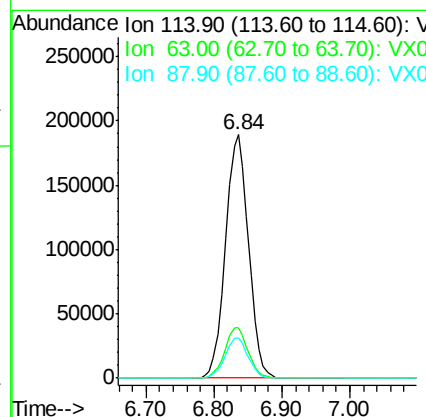
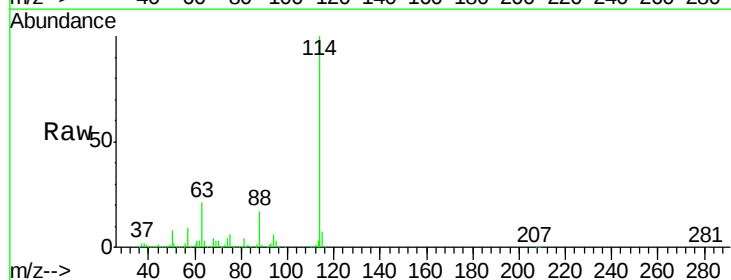
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

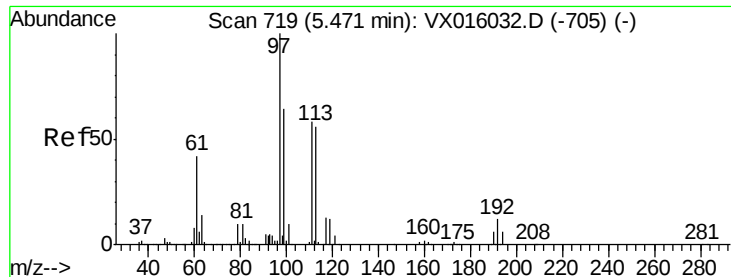
Tot Ion: 65 Resp: 175597
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion: 114 Resp: 441976
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.6 0.0 31.4

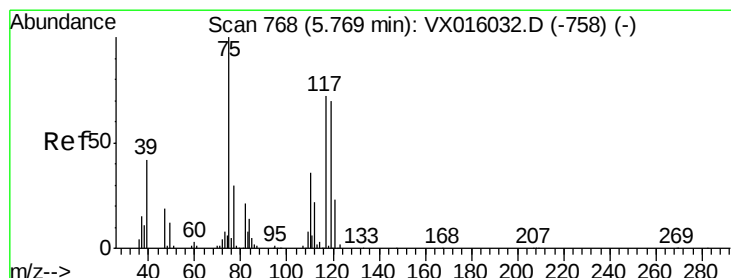
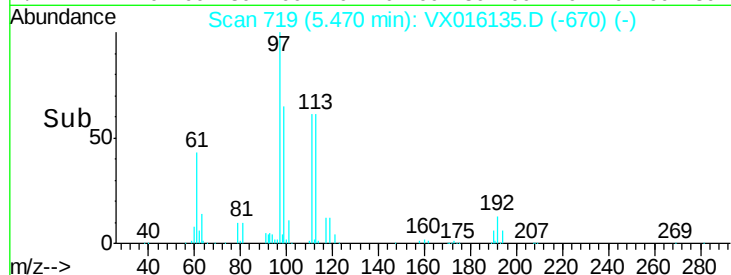
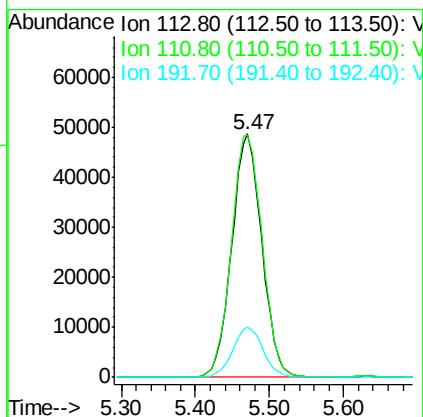
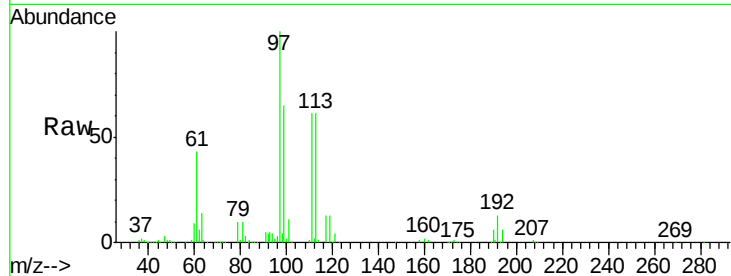




#35
Dibromofluoromethane
Concen: 49.081 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

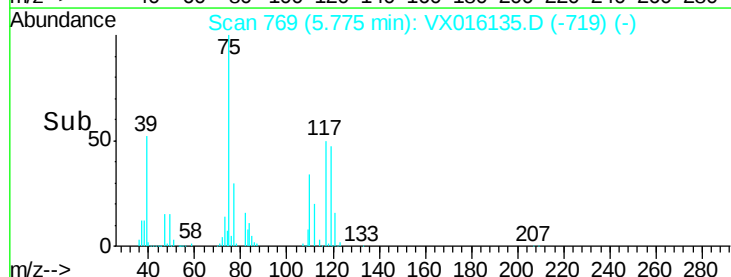
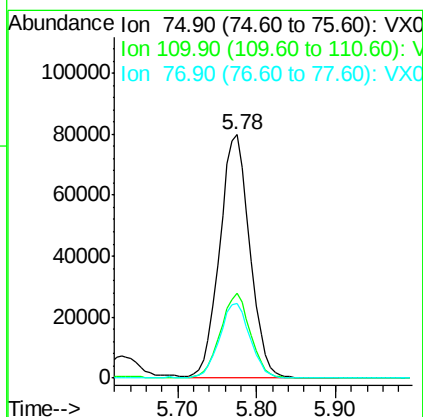
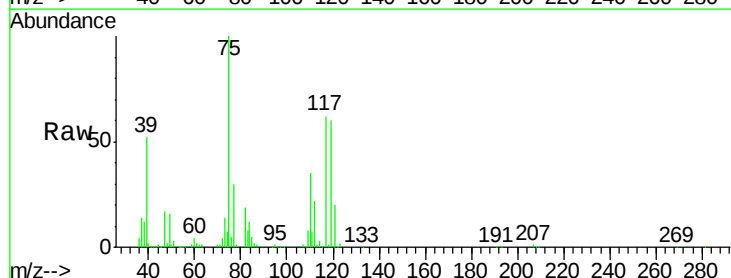
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

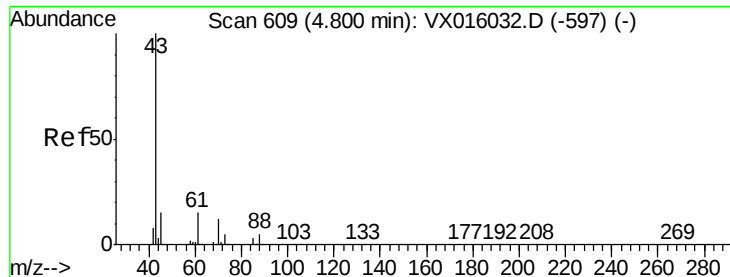
Tot Ion:113 Resp: 137432
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 20.9 17.0 25.4



#36
1,1-Dichloropropene
Concen: 48.722 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 75 Resp: 211972
Ion Ratio Lower Upper
75 100
110 34.5 18.1 54.1
77 31.2 25.0 37.6

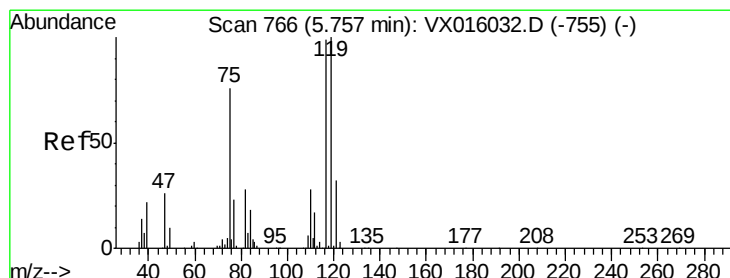
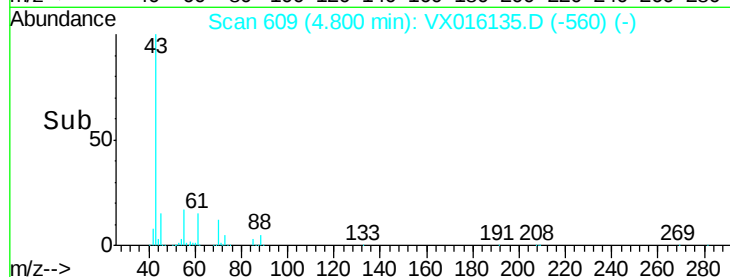
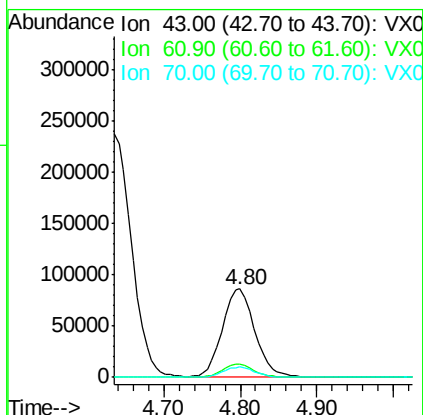
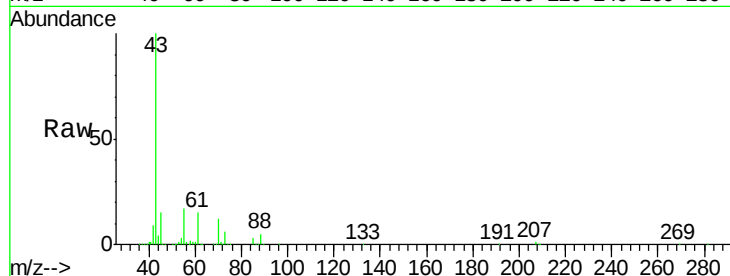




#37
Ethyl Acetate
Concen: 50.126 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

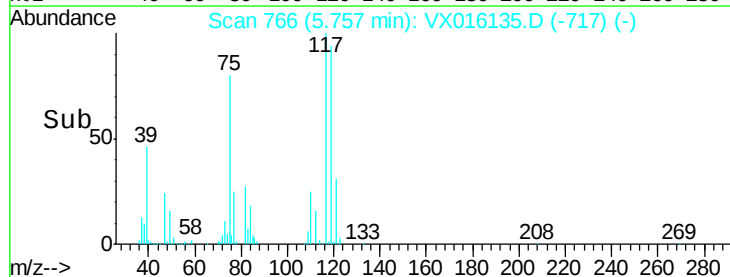
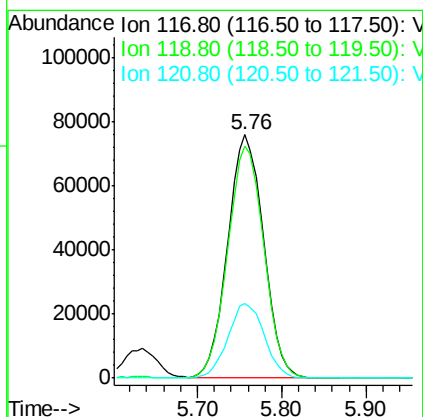
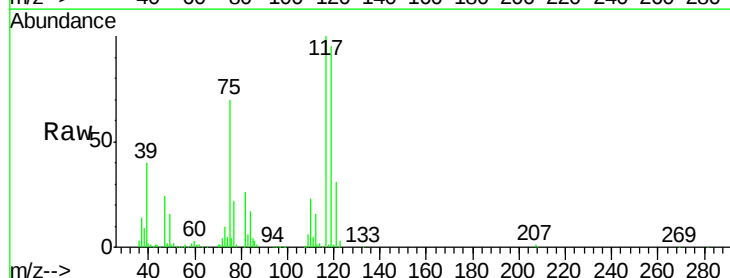
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

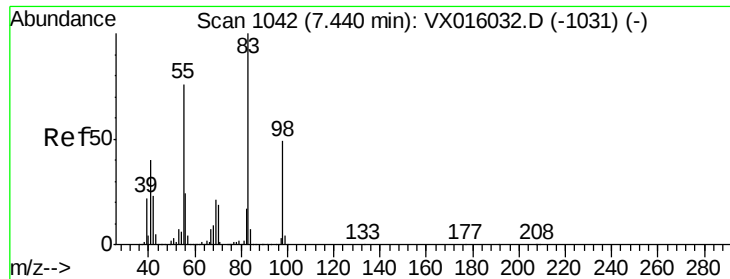
Tot Ion: 43 Resp: 252761
Ion Ratio Lower Upper
43 100
61 14.7 11.7 17.5
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.774 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 117 Resp: 220107
Ion Ratio Lower Upper
117 100
119 95.2 80.3 120.5
121 30.7 25.7 38.5

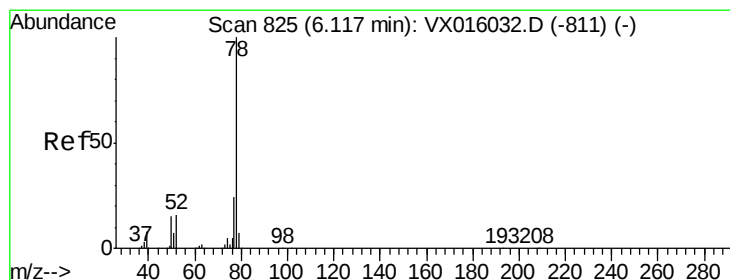
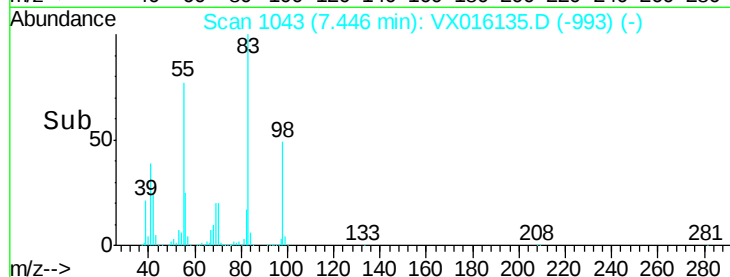
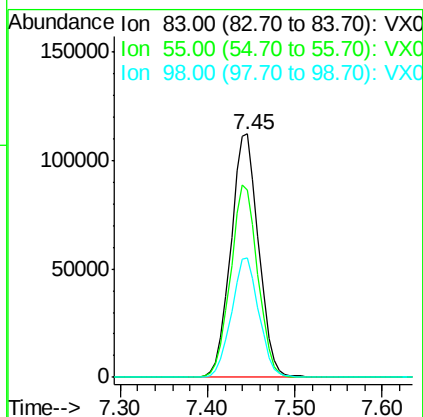
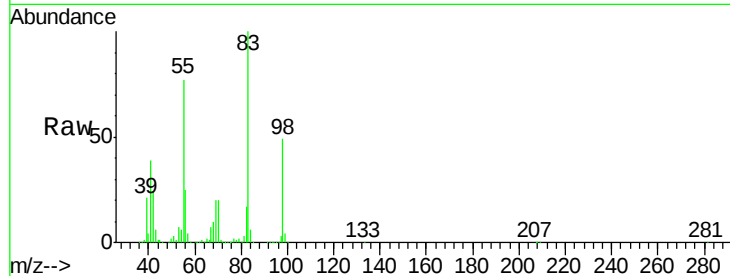




#39
Methvlcvclohexane
Concen: 47.270 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

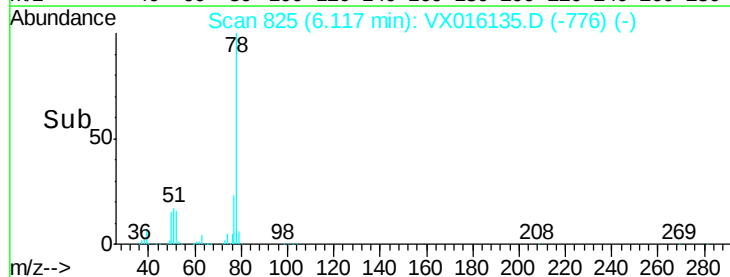
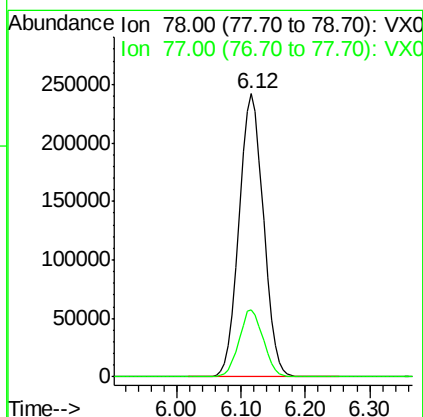
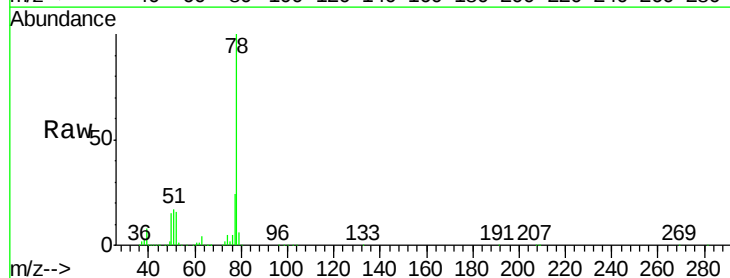
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

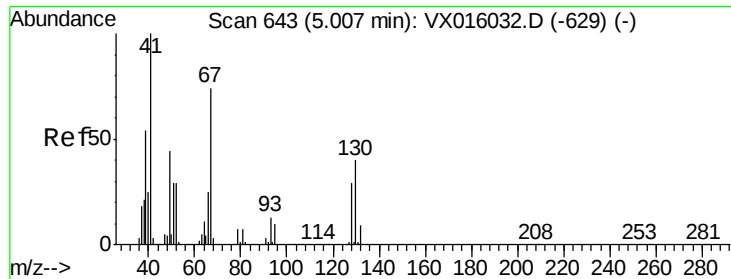
Tot Ion: 83 Resp: 247664
Ion Ratio Lower Upper
83 100
55 77.1 61.1 91.7
98 49.2 39.0 58.4



#40
Benzene
Concen: 49.624 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 78 Resp: 631706
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

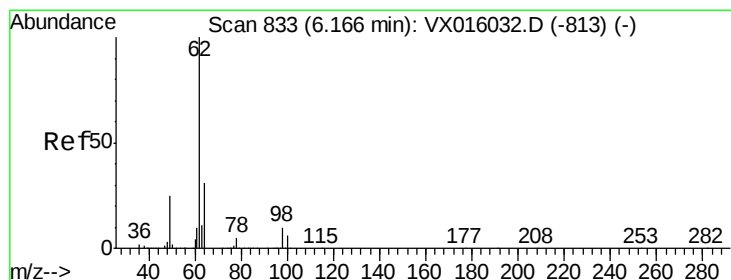
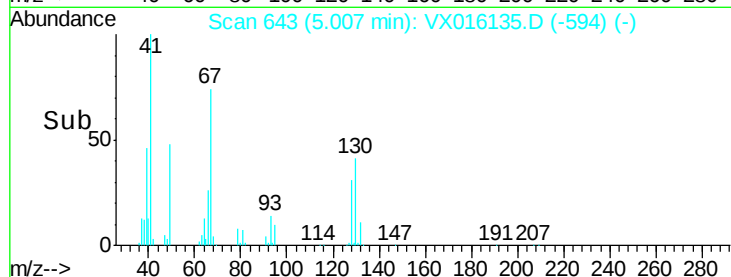
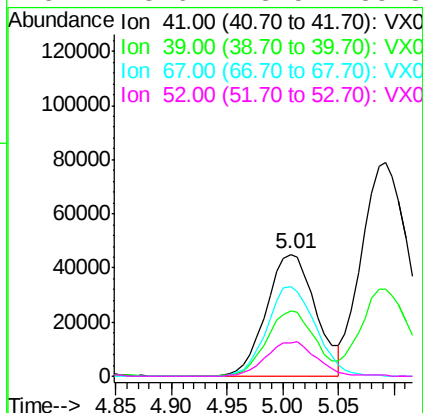
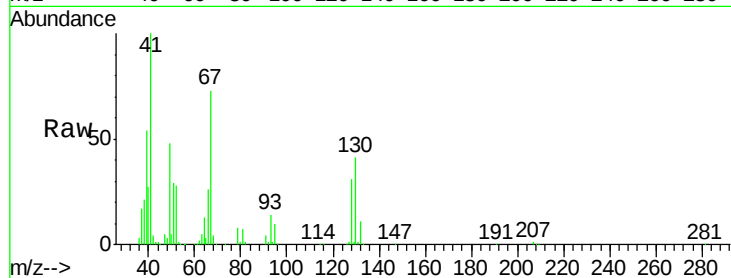




#41
Methacrylonitrile
Concen: 50.882 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

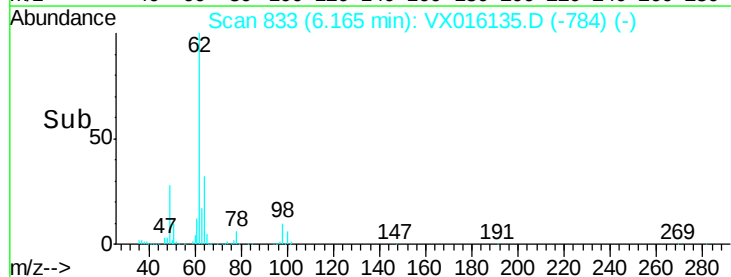
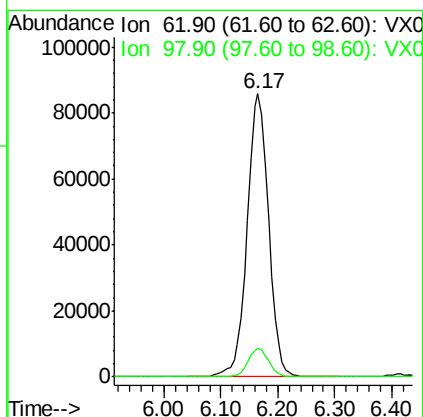
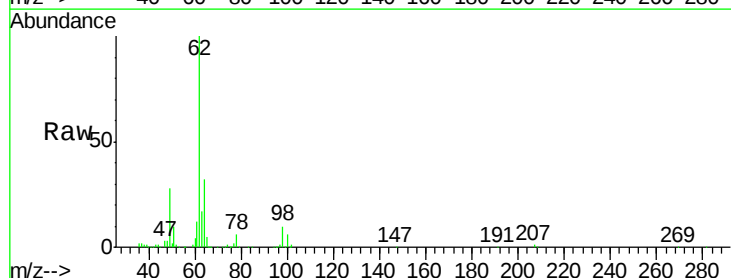
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

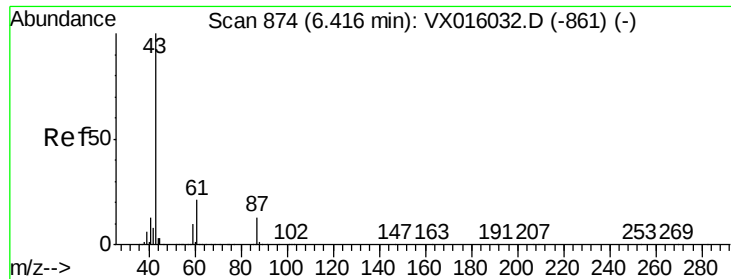
Tot Ion:	41	Resp:	138563
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.2	64.8
67	72.9	59.3	88.9
52	28.6	23.5	35.3



#42
1,2-Dichloroethane
Concen: 48.966 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion:	62	Resp:	224542
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



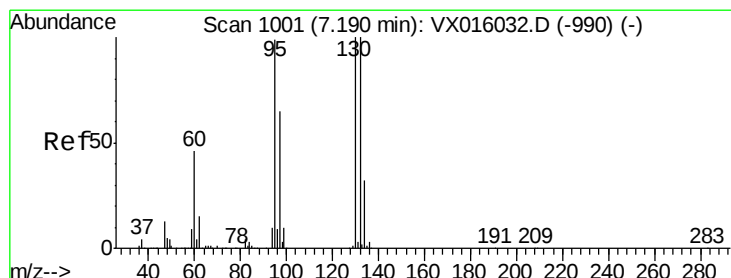
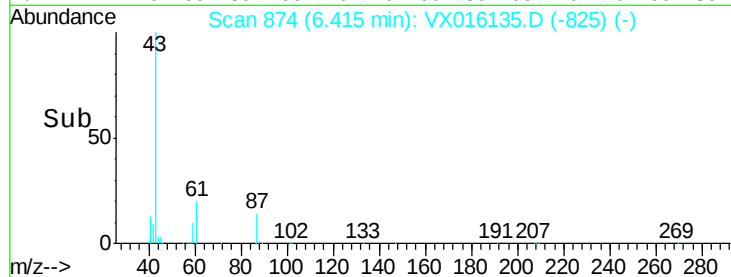
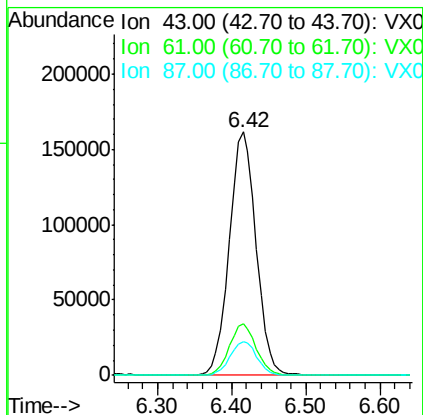
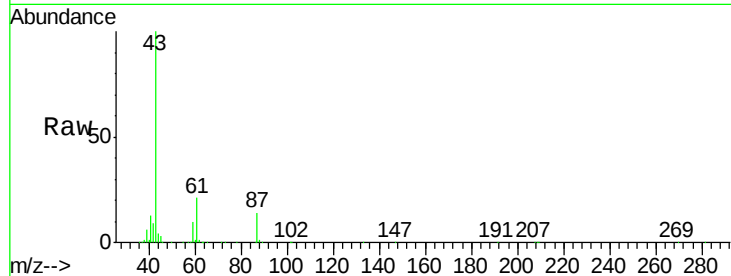


#43

Isopropyl Acetate
 Concen: 50.170 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

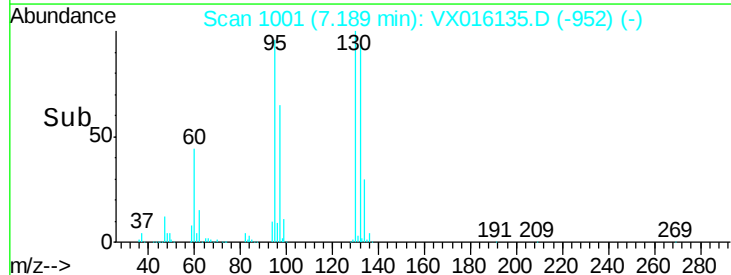
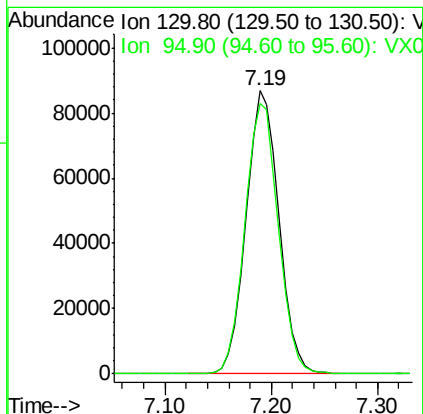
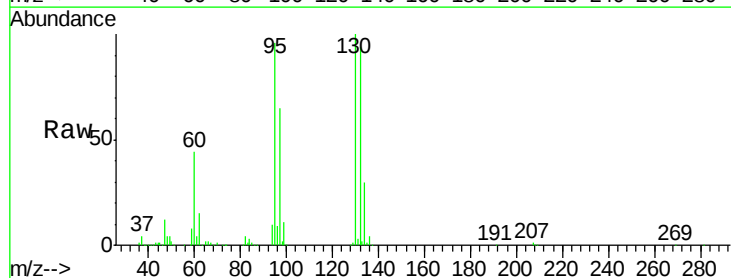
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.1	11.0	16.6

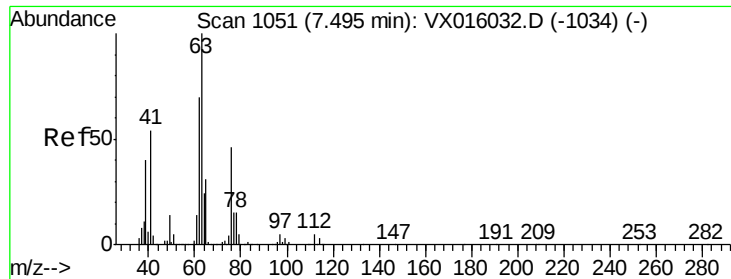


#44

Trichloroethene
 Concen: 41.579 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.327 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

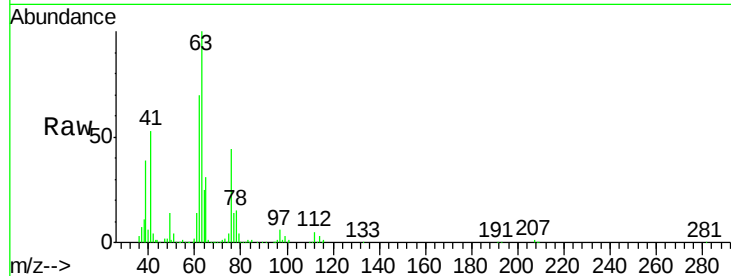
VSTDCCC050EC

Tot Ion: 63 Resp: 165328

Ion Ratio Lower Upper

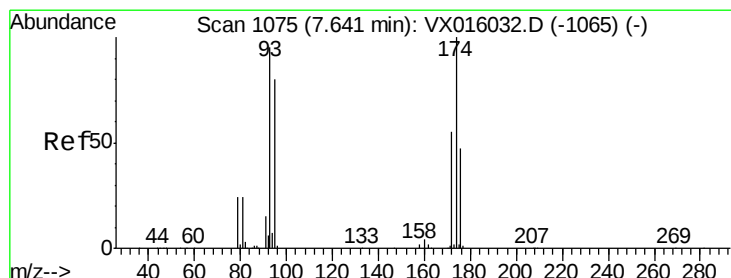
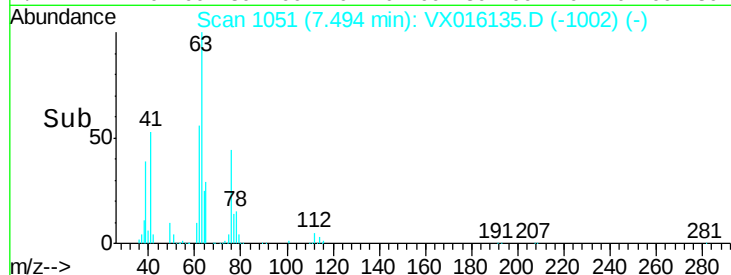
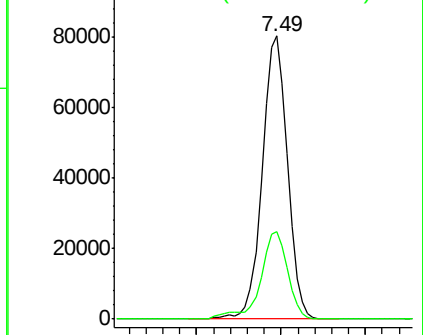
63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.119 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

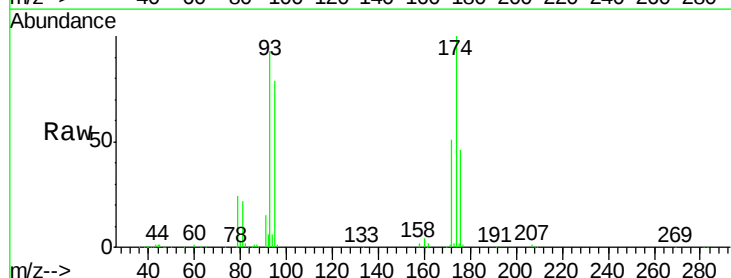
Tgt Ion: 93 Resp: 107518

Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

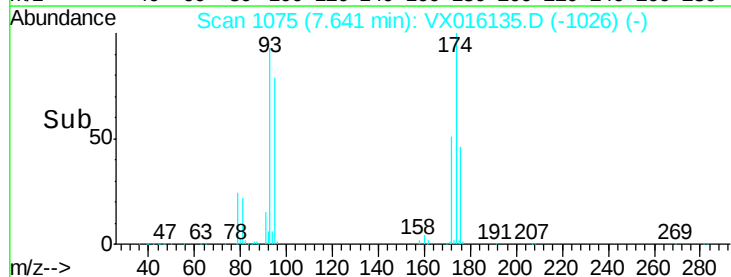
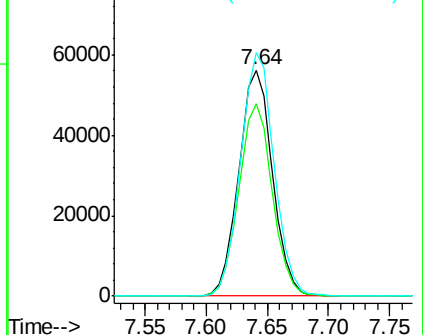
174 107.8 84.2 126.4

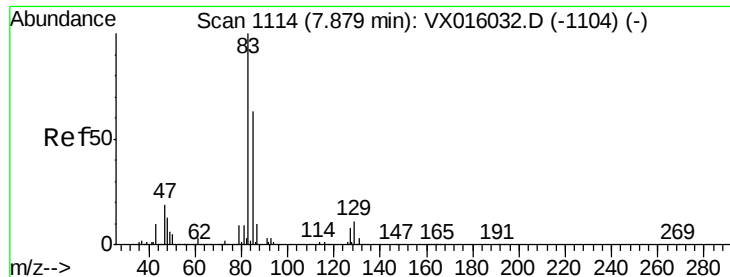


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.189 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

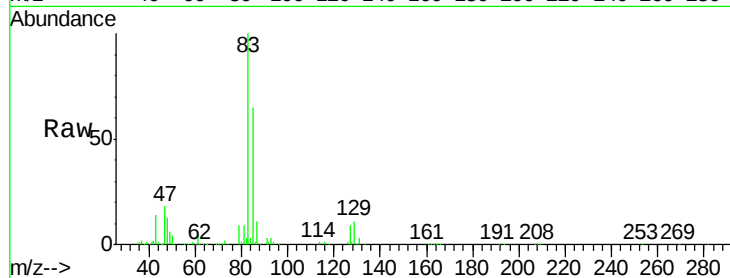
Tot Ion: 83 Resp: 228207

Ion Ratio Lower Upper

83 100

85 64.6 50.5 75.7

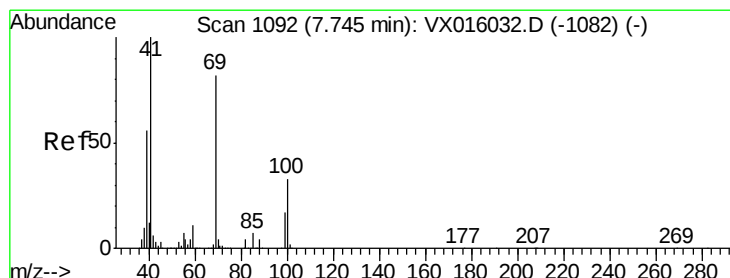
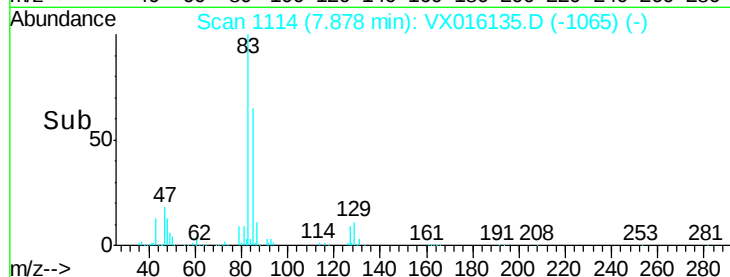
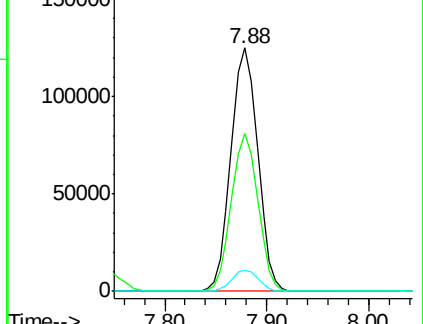
127 8.6 6.7 10.1



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: 50.614 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

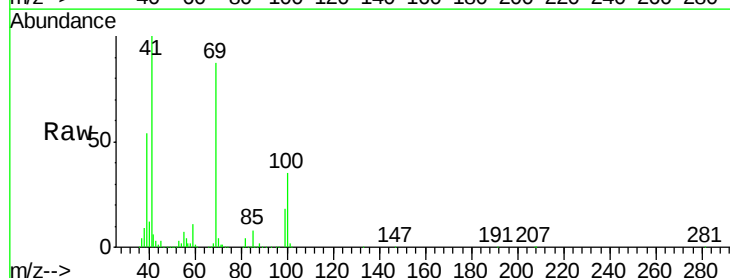
Tgt Ion: 41 Resp: 192959

Ion Ratio Lower Upper

41 100

69 86.0 67.8 101.6

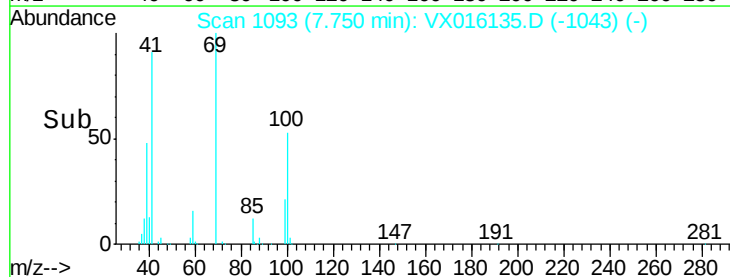
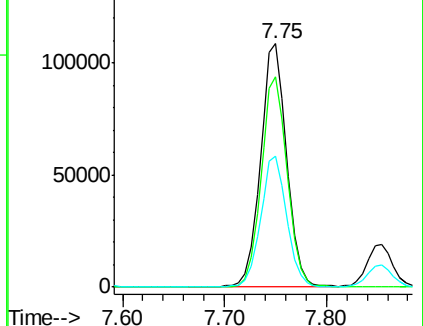
39 53.6 44.6 67.0

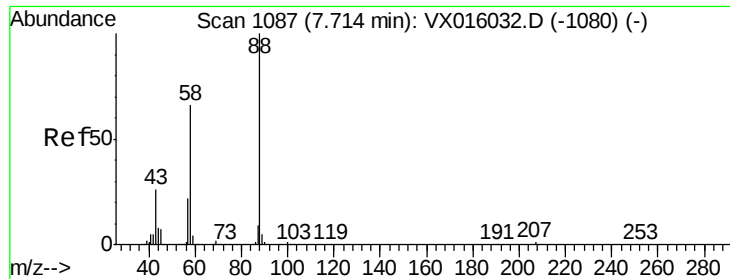


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 953.555 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

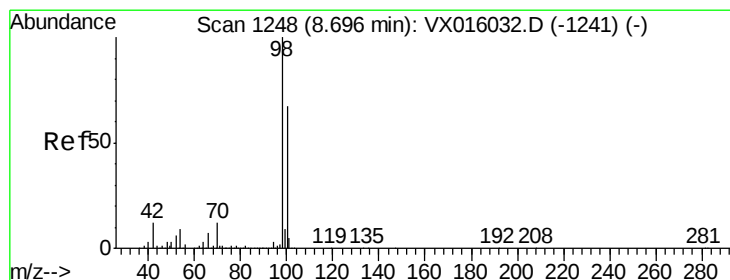
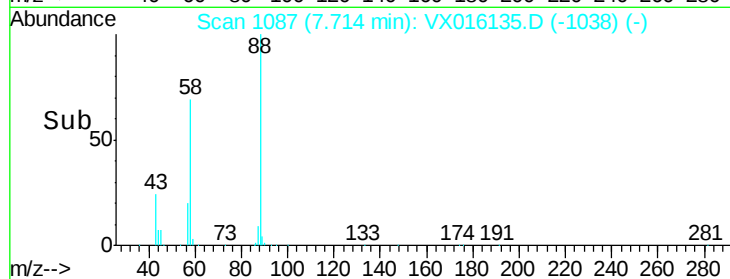
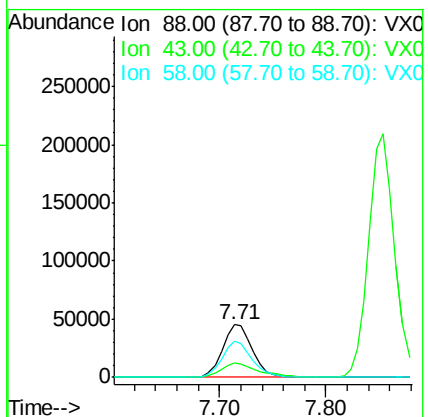
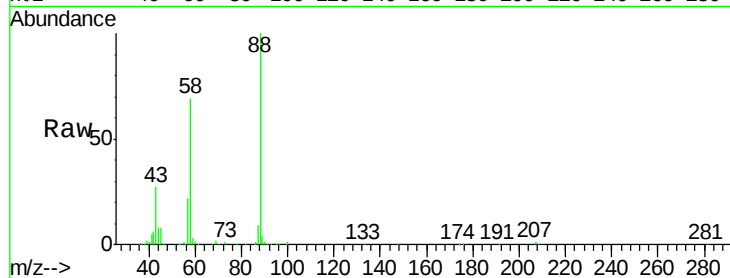
Tot Ion: 88 Resp: 87186

Ion Ratio Lower Upper

88 100

43 31.3 25.3 37.9

58 70.0 55.9 83.9



#50

Toluene-d8

Concen: 49.548 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016135.D

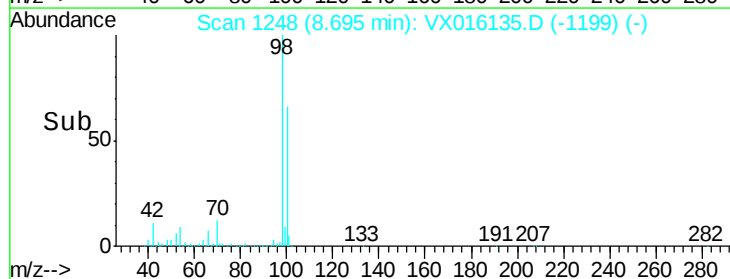
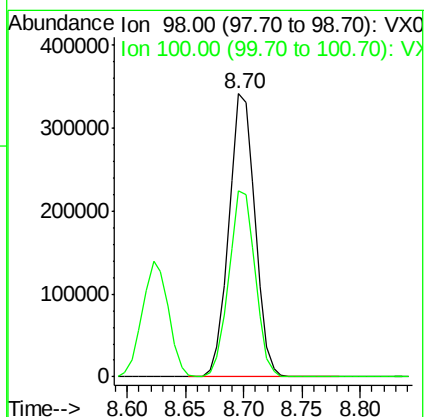
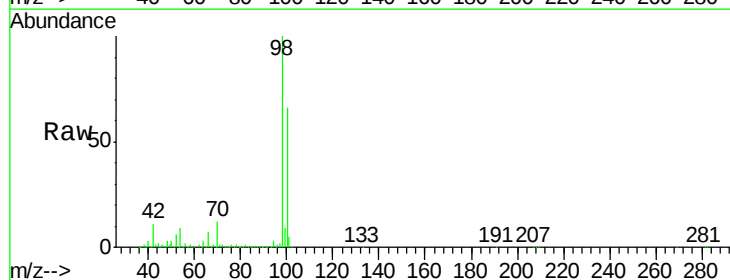
Acq: 08 May 2020 20:36

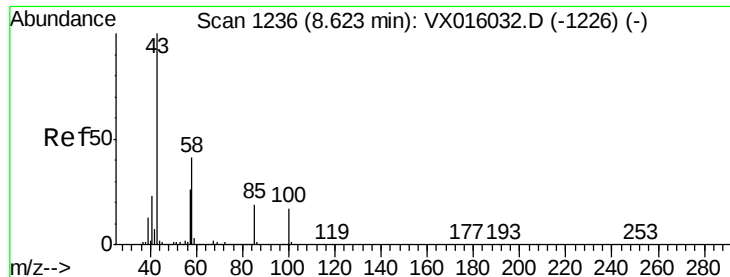
Tgt Ion: 98 Resp: 534575

Ion Ratio Lower Upper

98 100

100 66.1 53.7 80.5

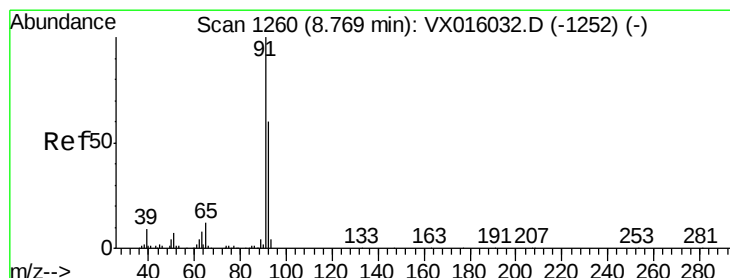
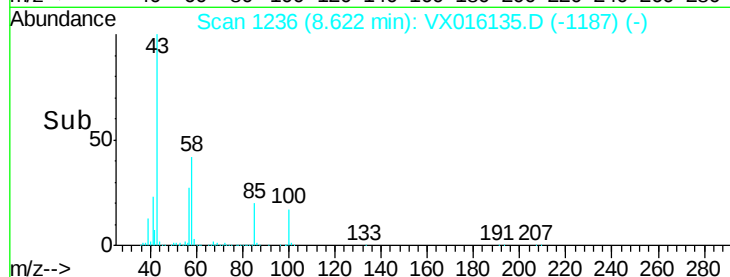
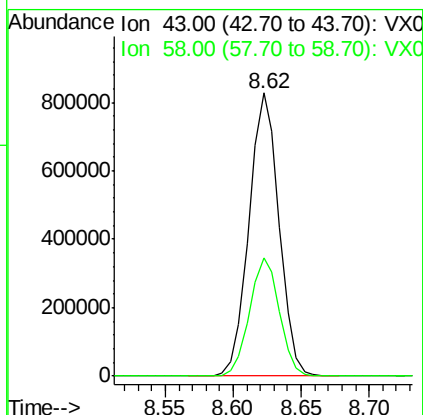
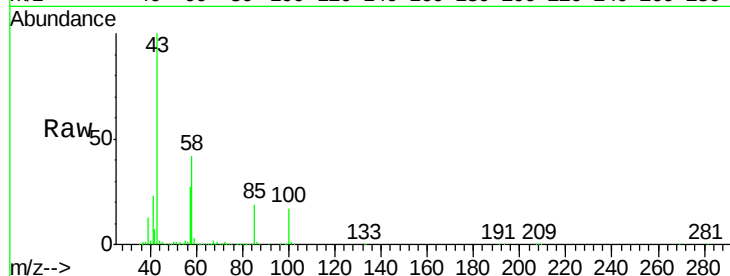




#51
 4-Methyl-2-Pentanone
 Concen: 259.928 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

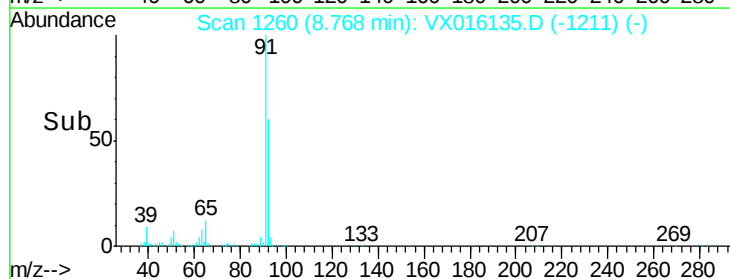
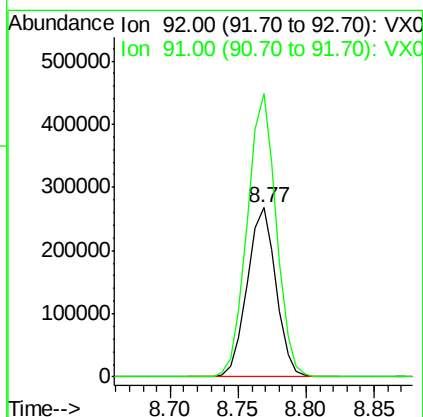
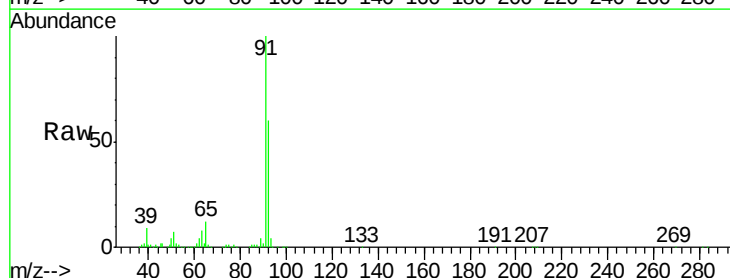
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

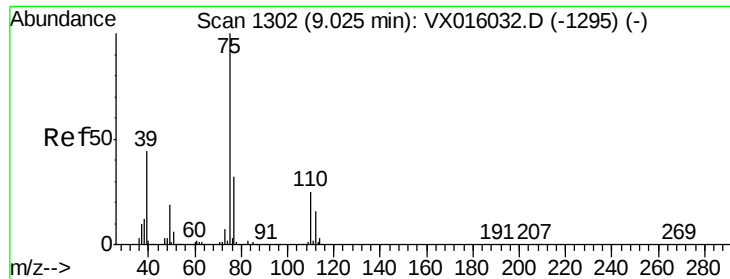
Tot Ion: 43 Resp: 1279723
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.0 49.4



#52
 Toluene
 Concen: 50.192 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion: 92 Resp: 398254
 Ion Ratio Lower Upper
 92 100
 91 168.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 49.205 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

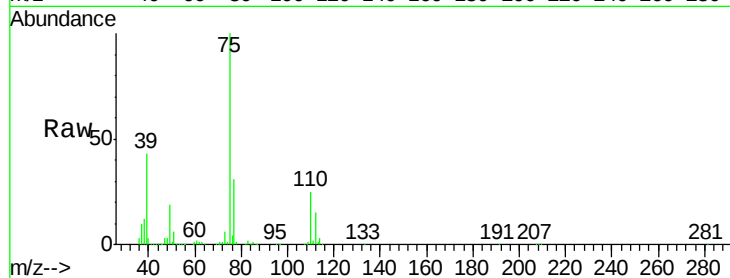
VSTDCCC050EC

Tot Ion: 75 Resp: 261544

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

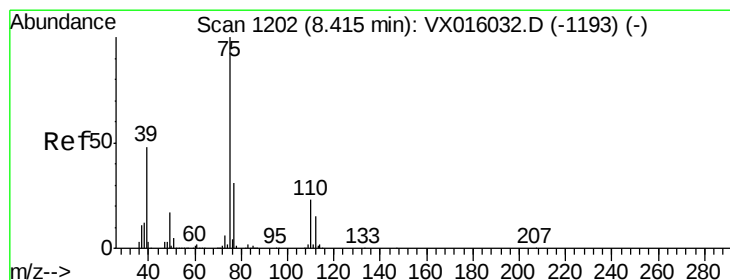
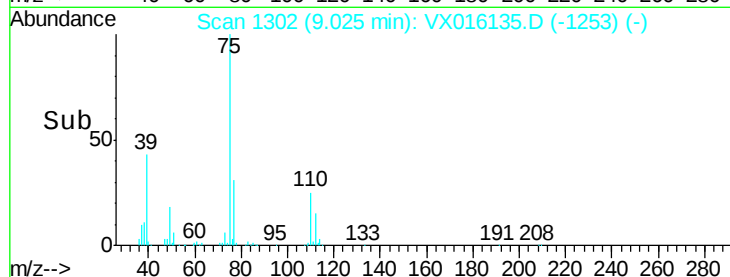
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.563 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

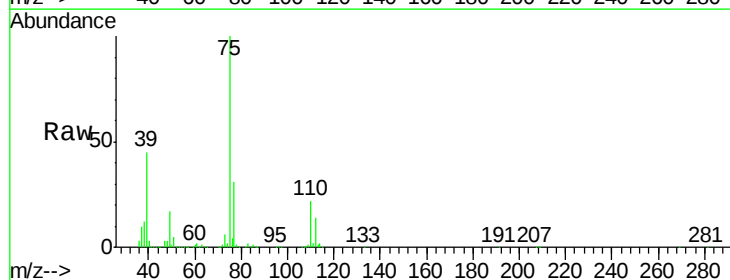
Tgt Ion: 75 Resp: 275177

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

39 45.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

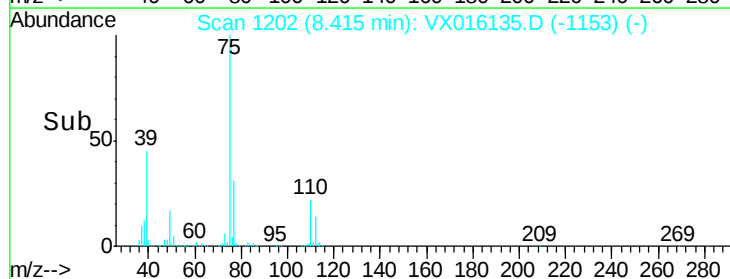
150000

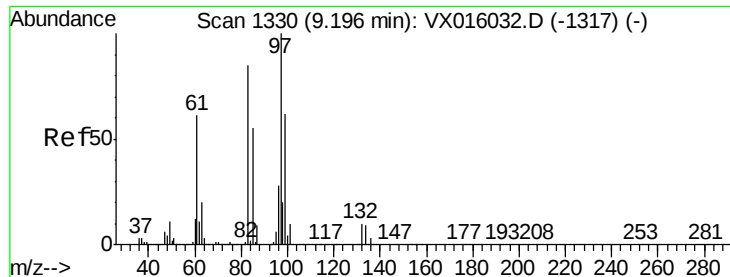
100000

50000

0

Time-->

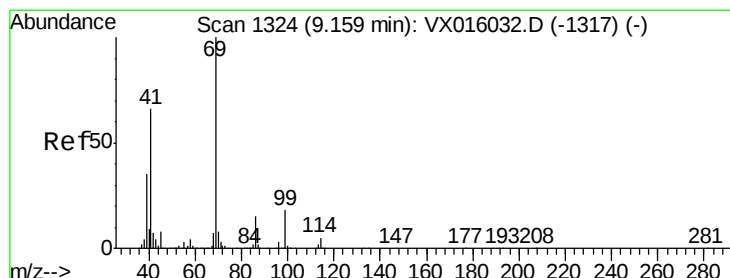
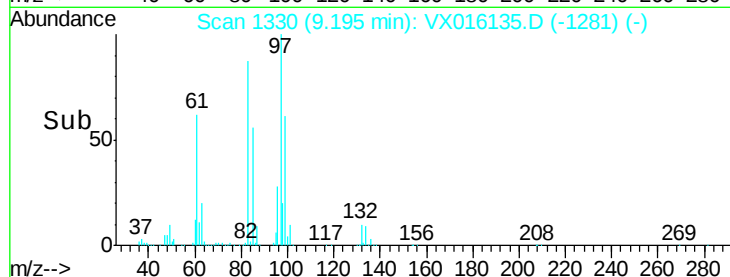
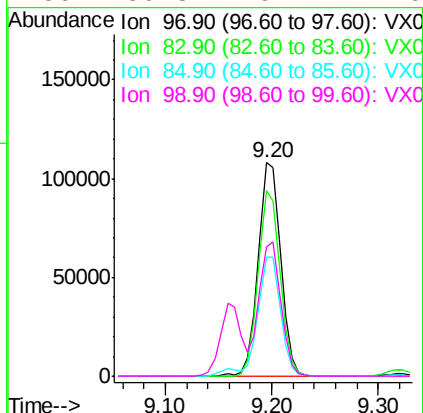
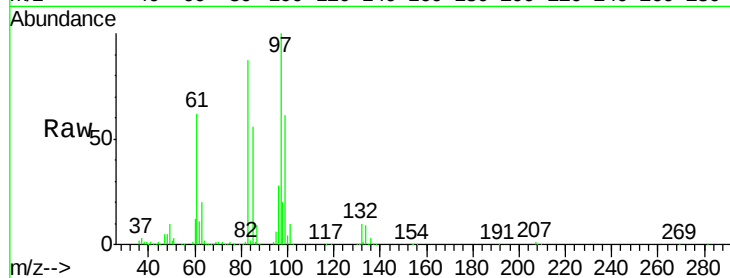




#55
 1,1,2-Trichloroethane
 Concen: 51.915 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

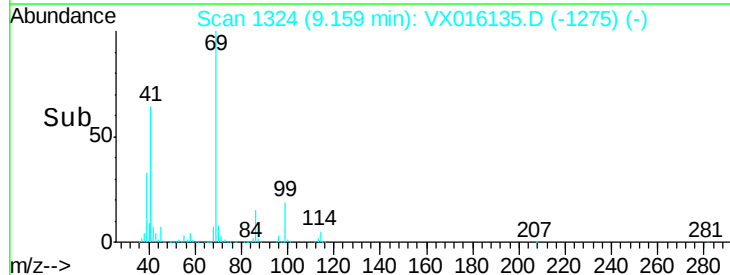
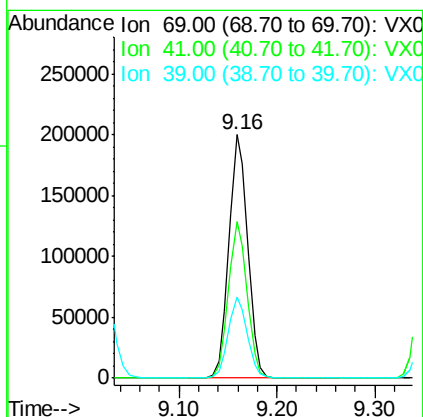
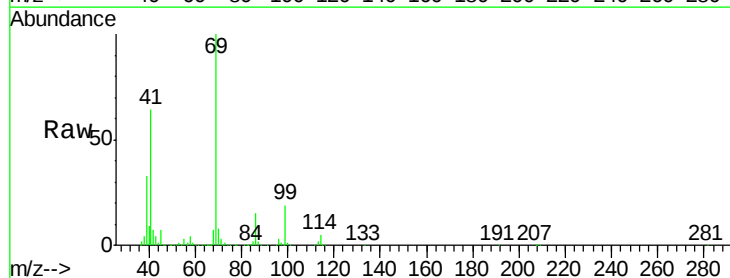
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

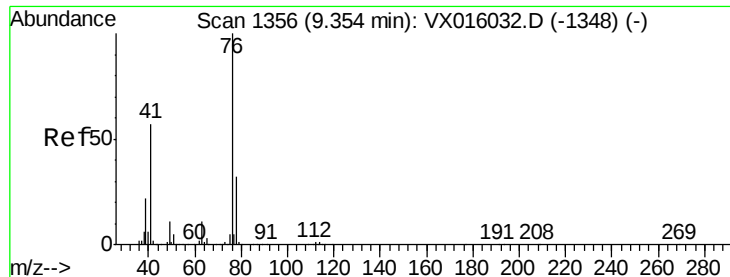
Tot Ion:	97	Resp:	162066
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.8	101.8
85	55.6	43.8	65.8
99	60.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.494 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion:	69	Resp:	267493
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.2	78.4
39	33.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.107 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

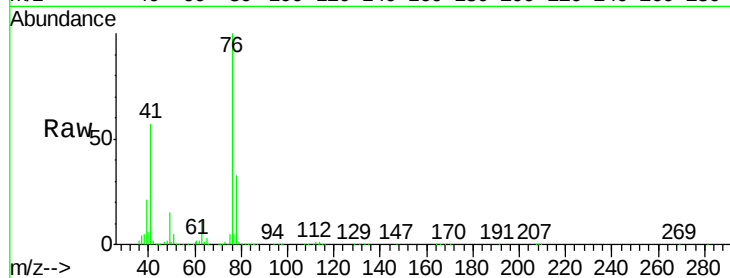
VSTDCCC050EC

Tot Ion: 76 Resp: 278392

Ion Ratio Lower Upper

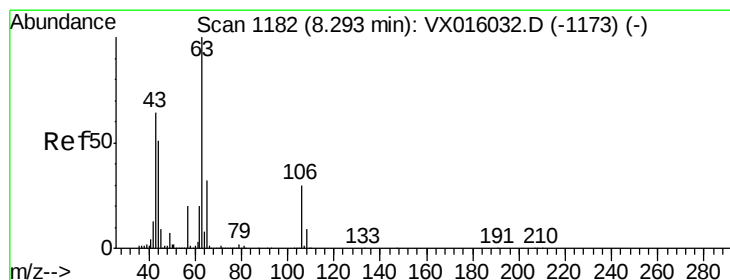
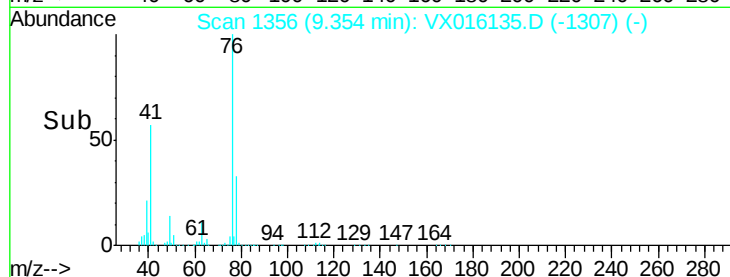
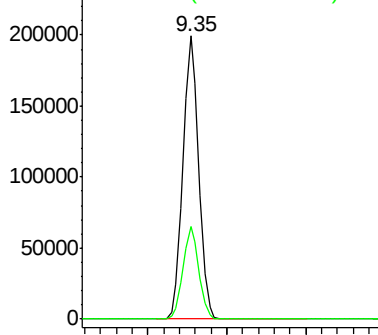
76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.203 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016135.D

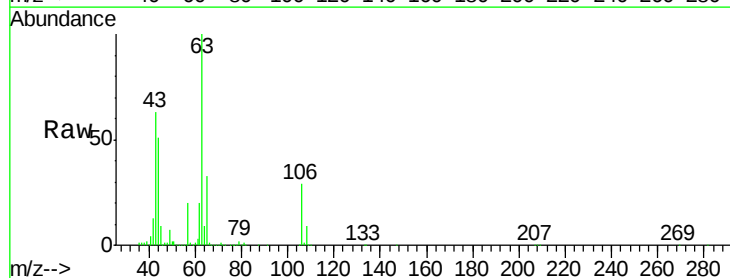
Acq: 08 May 2020 20:36

Tgt Ion: 63 Resp: 684186

Ion Ratio Lower Upper

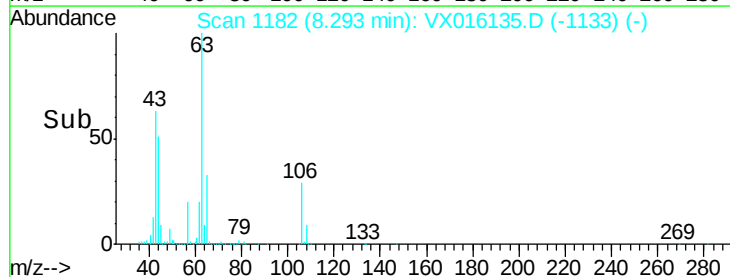
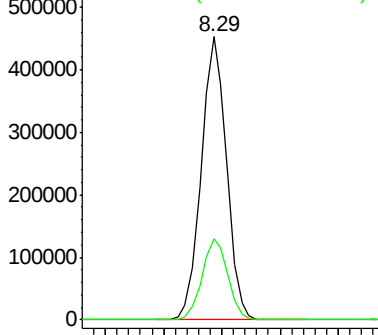
63 100

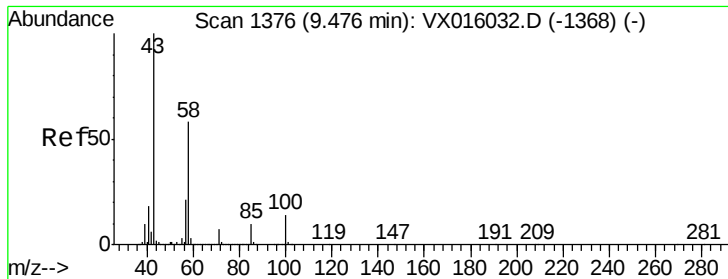
106 28.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

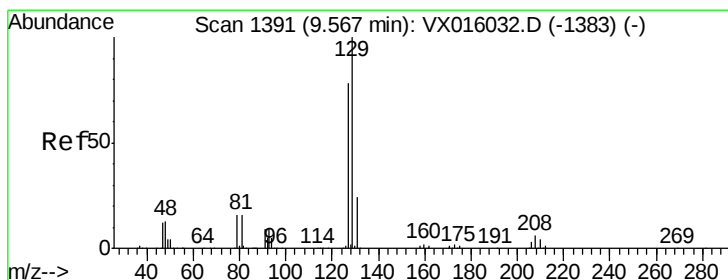
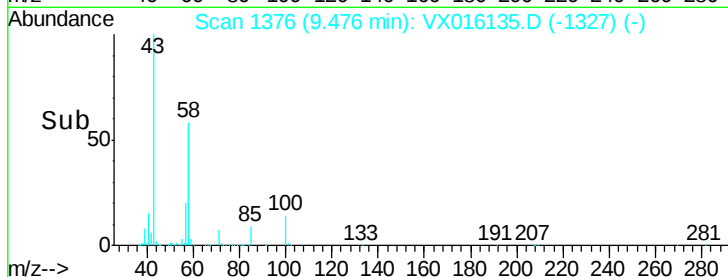
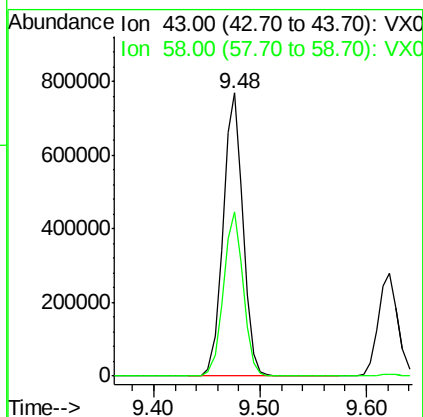
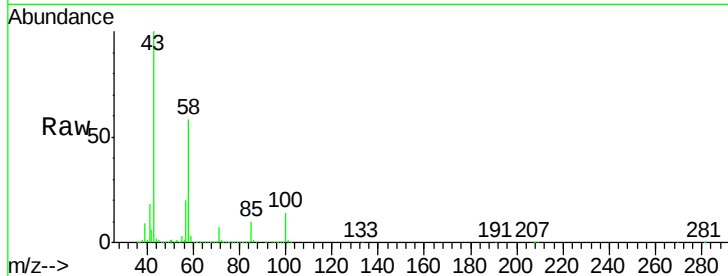




#59
2-Hexanone
Concen: 258.078 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

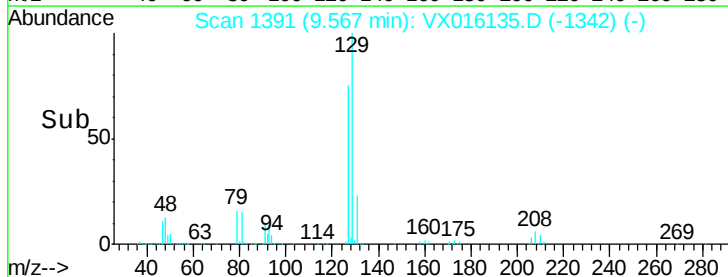
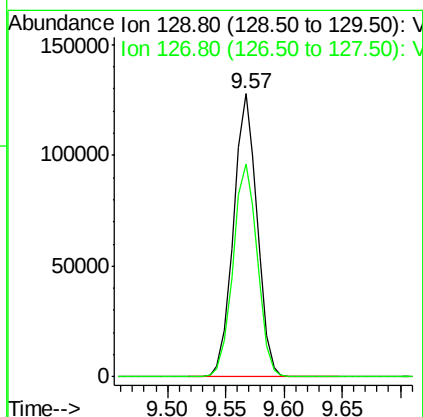
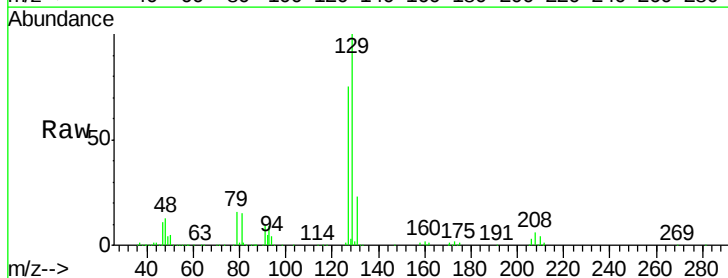
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

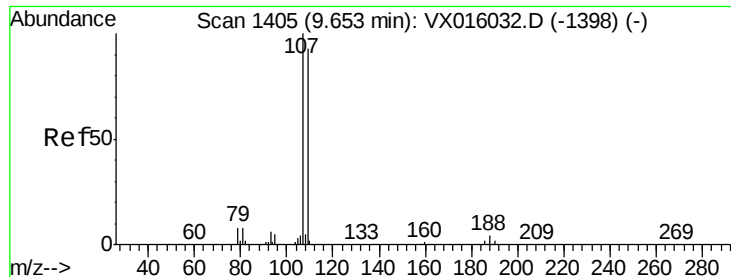
Tot Ion: 43 Resp: 997845
Ion Ratio Lower Upper
43 100
58 57.8 28.6 85.9



#60
Dibromochloromethane
Concen: 52.641 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 129 Resp: 180989
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.984 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

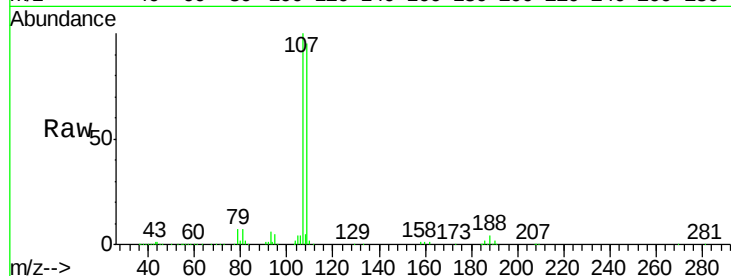
VSTDCCC050EC

Tot Ion: 107 Resp: 172401

Ion Ratio Lower Upper

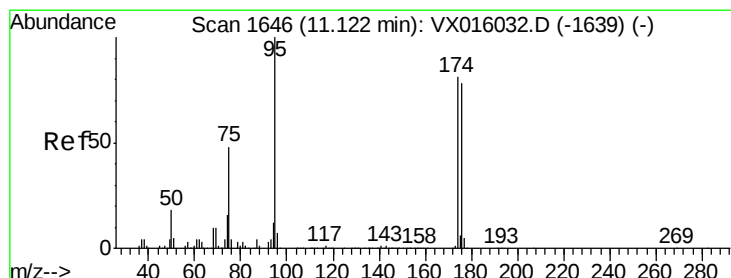
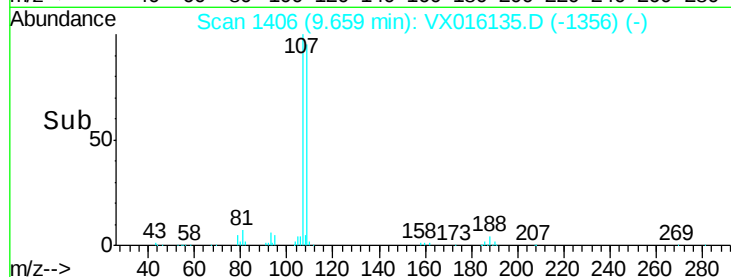
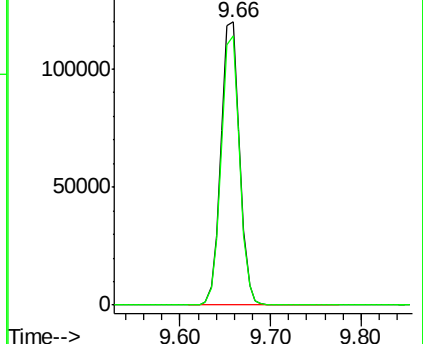
107 100

109 94.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.694 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

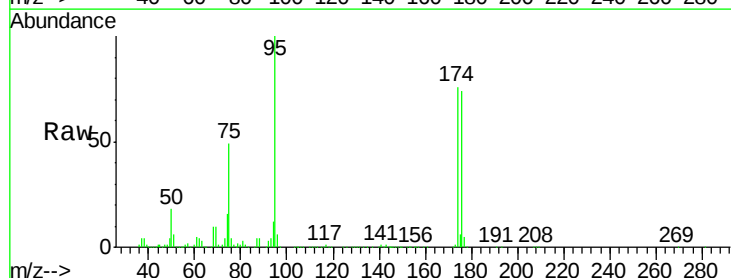
Tgt Ion: 95 Resp: 208031

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.4

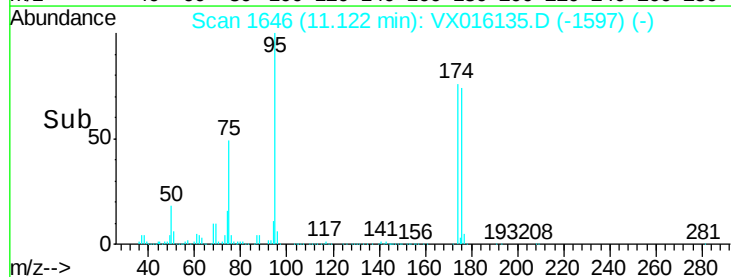
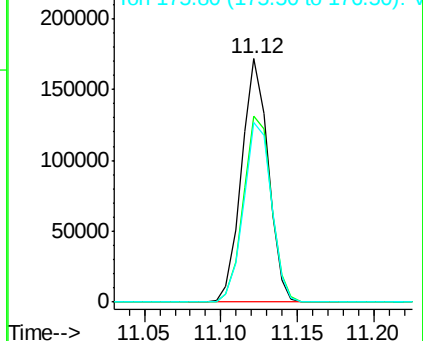
176 77.1 0.0 157.6

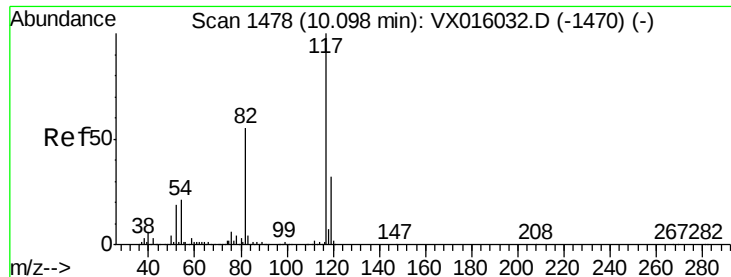


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

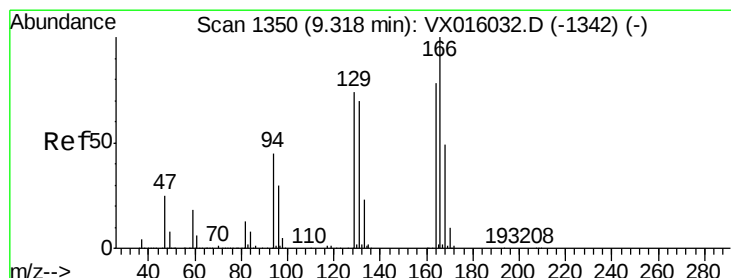
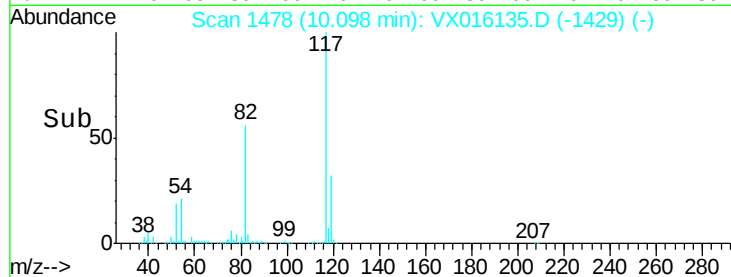
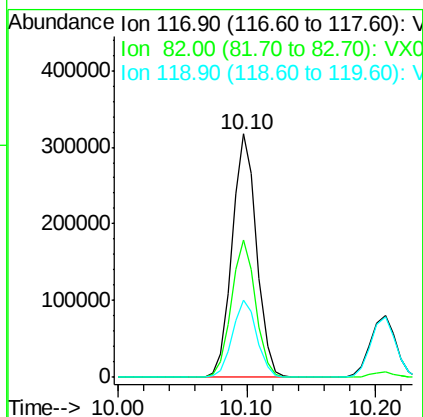
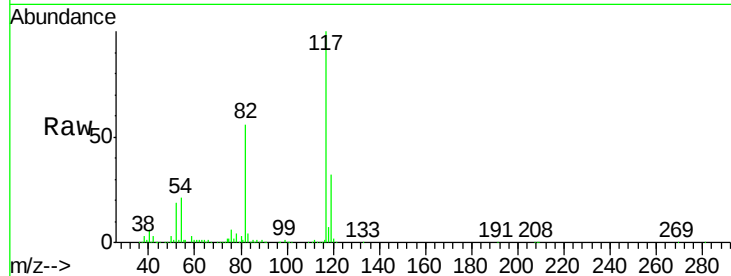




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

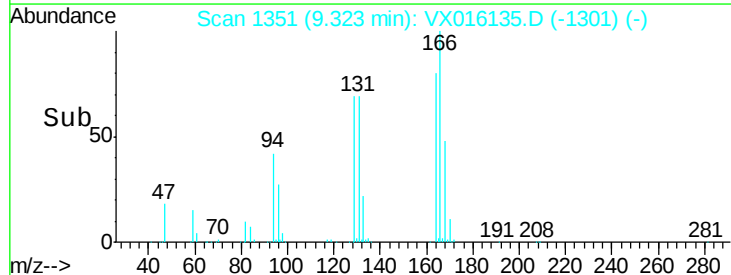
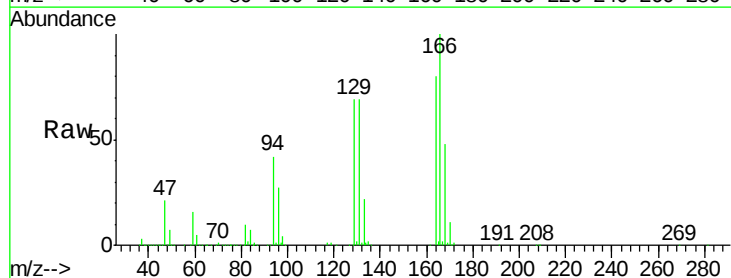
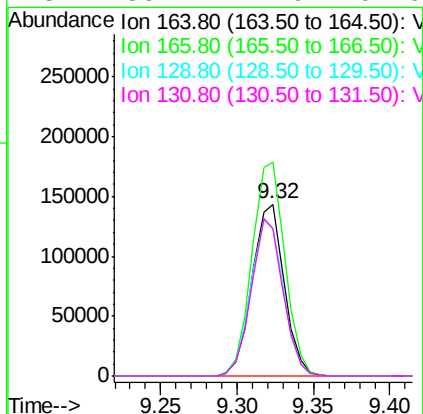
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

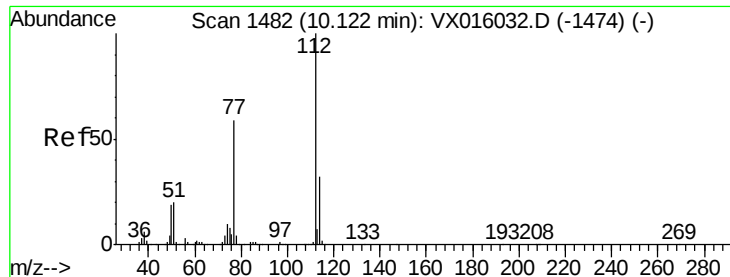
Tot Ion:117 Resp: 420860
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 40.646 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion:164 Resp: 210000
Ion Ratio Lower Upper
164 100
166 124.3 102.9 154.3
129 85.5 76.1 114.1
131 85.7 71.9 107.9

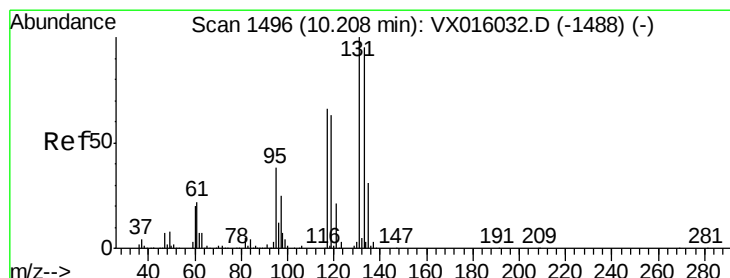
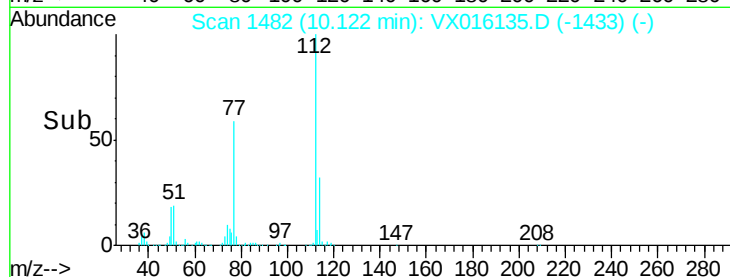
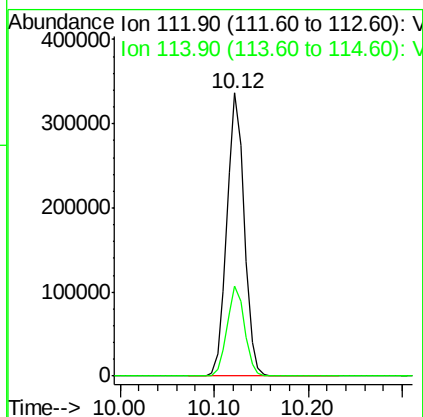
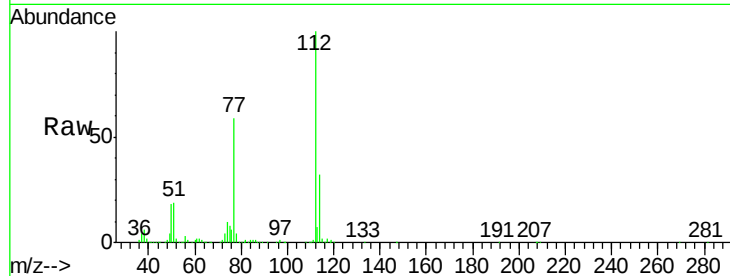




#65
Chlorobenzene
Concen: 48.797 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

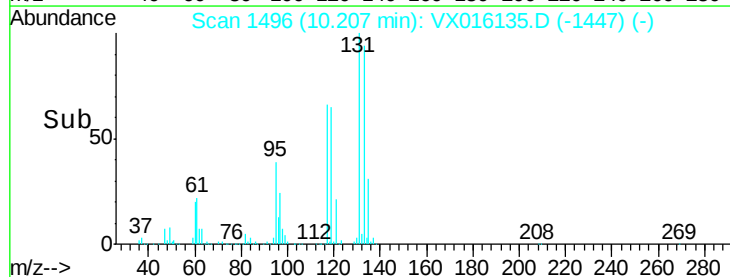
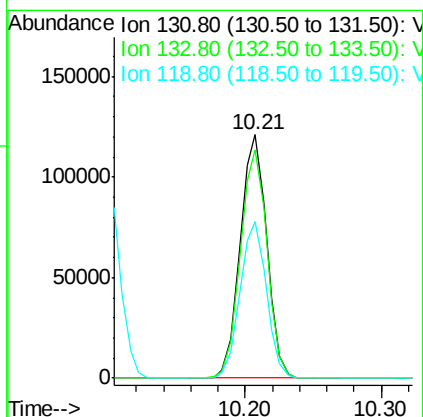
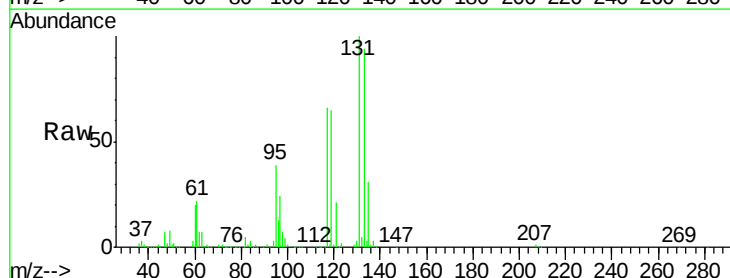
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

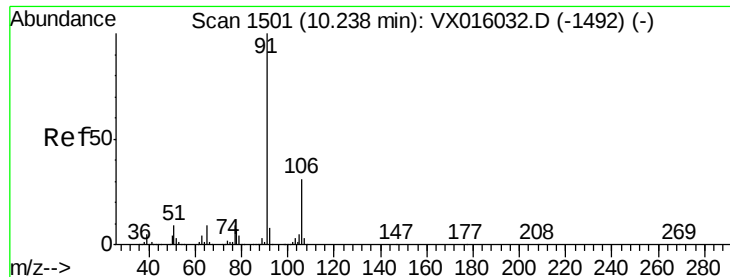
Tot Ion:112 Resp: 430014
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.404 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion:131 Resp: 164172
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.8
119 64.1 32.3 96.9

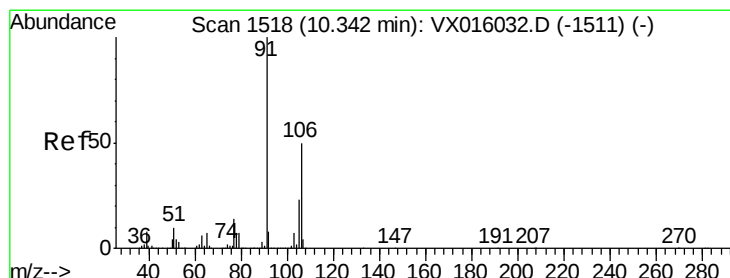
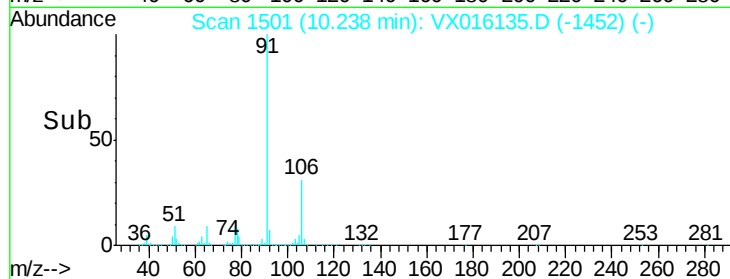
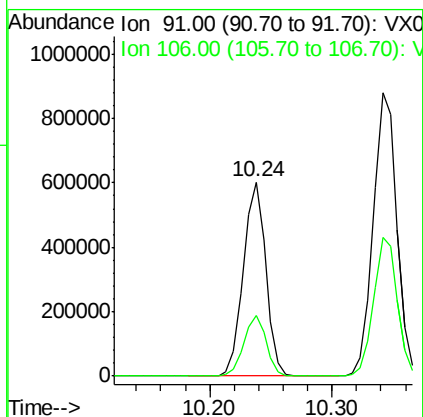
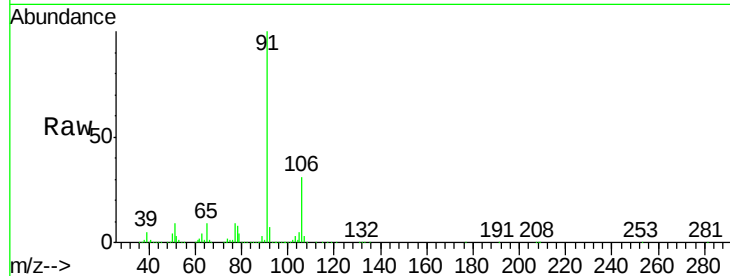




#67
Ethyl Benzene
Concen: 48.768 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

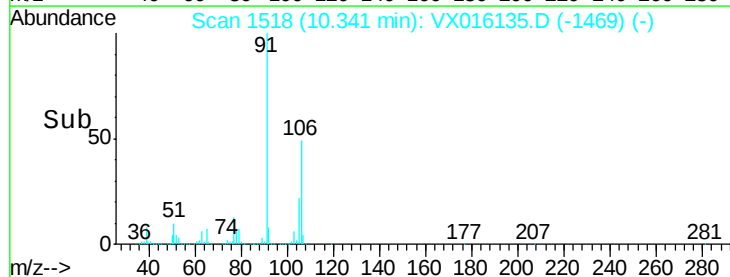
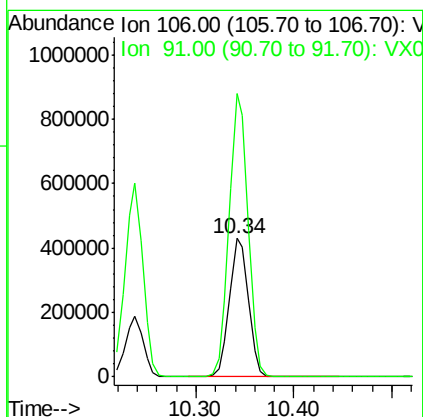
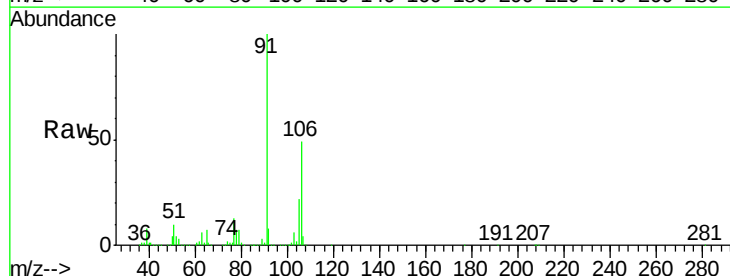
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

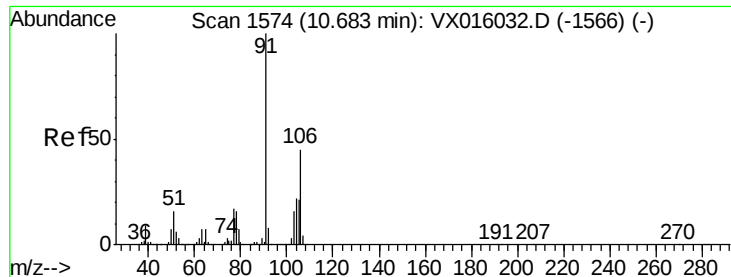
Tot Ion: 91 Resp: 766800
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 98.694 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion: 106 Resp: 581406
Ion Ratio Lower Upper
106 100
91 203.1 161.7 242.5

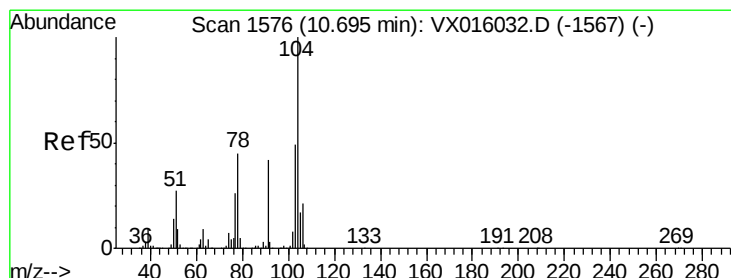
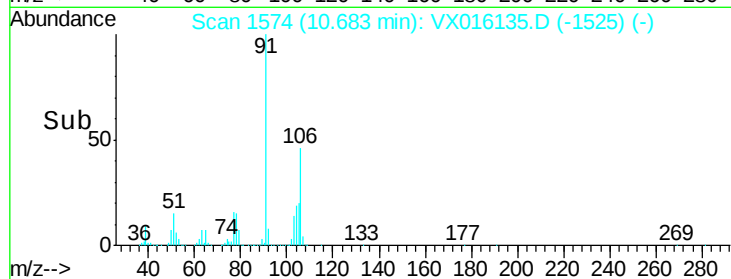
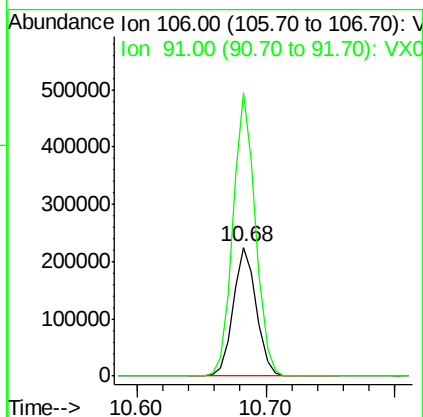
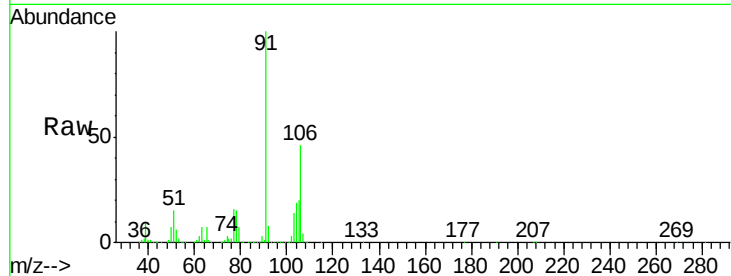




#69
o-Xylene
Concen: 49.518 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

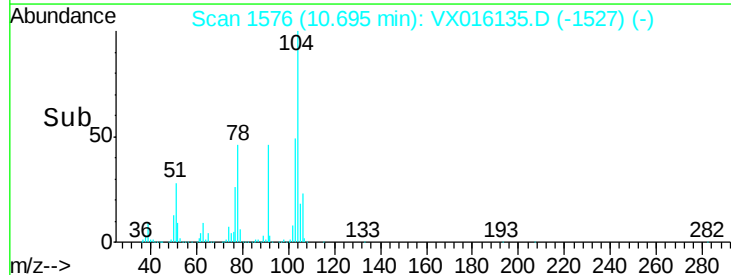
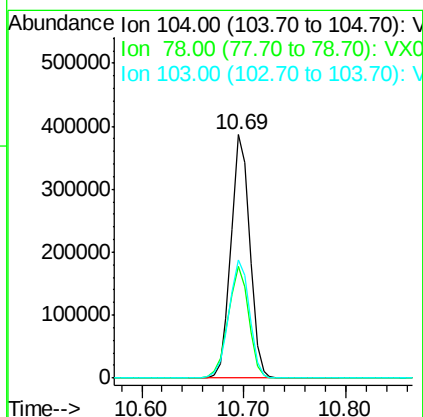
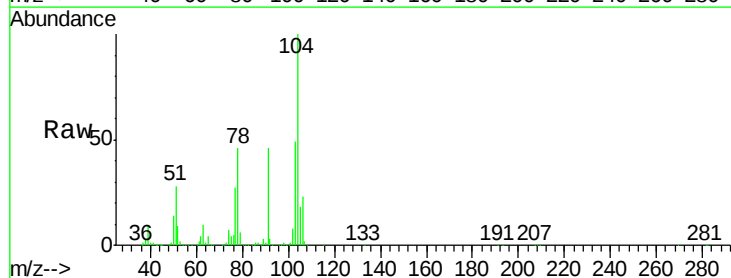
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

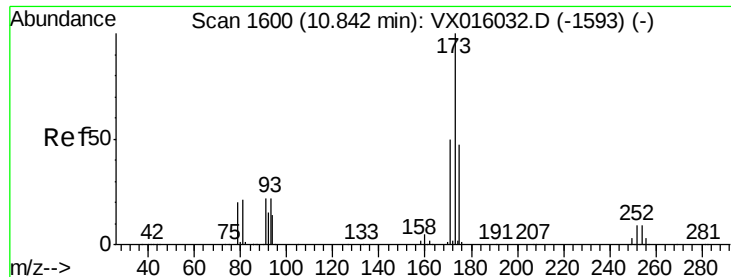
Tot Ion:106 Resp: 280403
Ion Ratio Lower Upper
106 100
91 214.4 107.5 322.6



#70
Styrene
Concen: 50.938 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016135.D
Acq: 08 May 2020 20:36

Tgt Ion:104 Resp: 489346
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 53.5 43.0 64.6





#71

Bromoform

Concen: 52.872 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

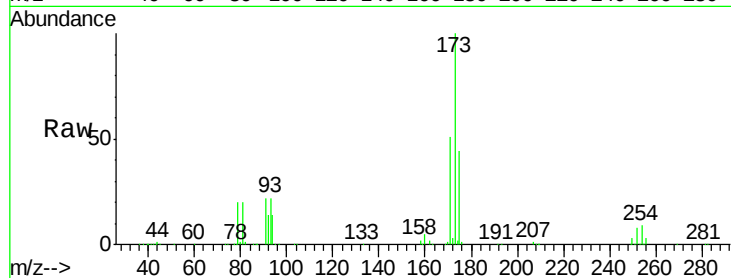
Tot Ion:173 Resp: 140305

Ion Ratio Lower Upper

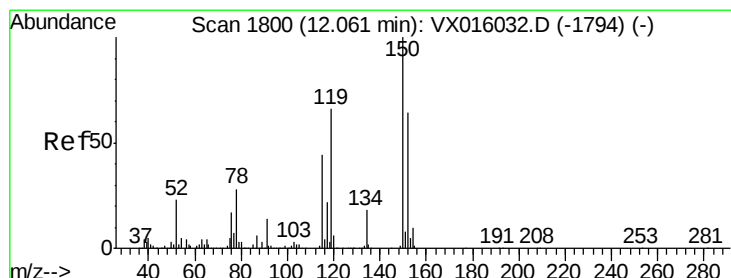
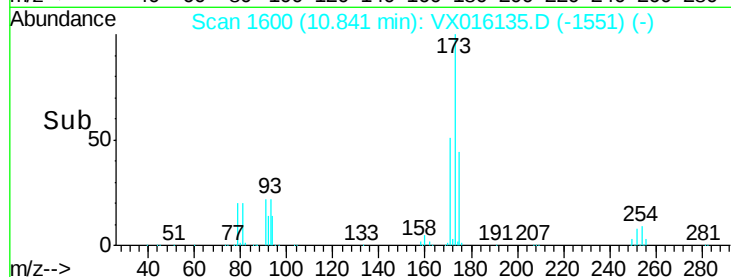
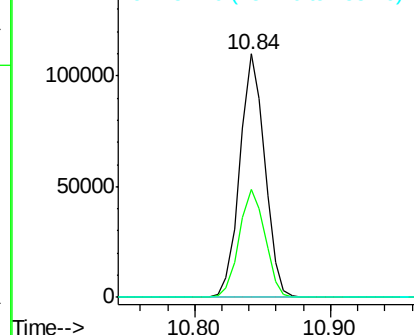
173 100

175 46.2 24.0 72.0

254 0.2 0.1 0.1#



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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

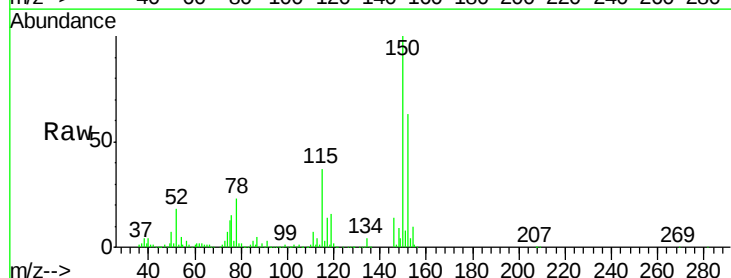
Tgt Ion:152 Resp: 213616

Ion Ratio Lower Upper

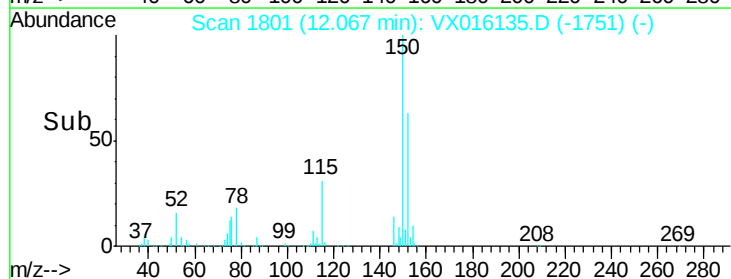
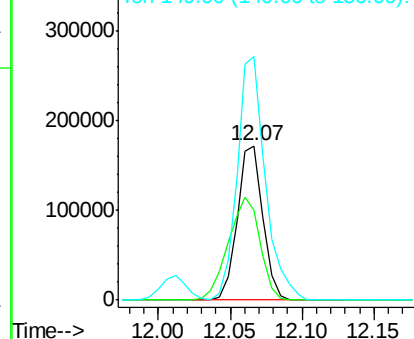
152 100

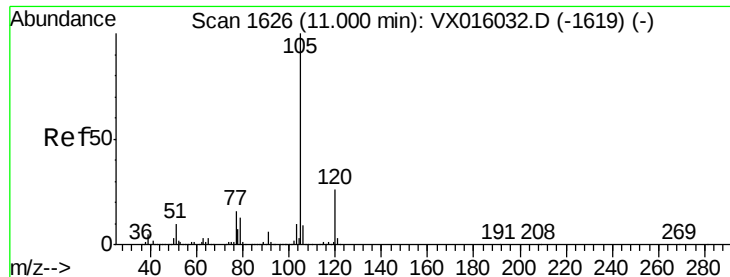
115 83.3 41.3 124.1

150 173.8 0.0 352.2



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: 48.649 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

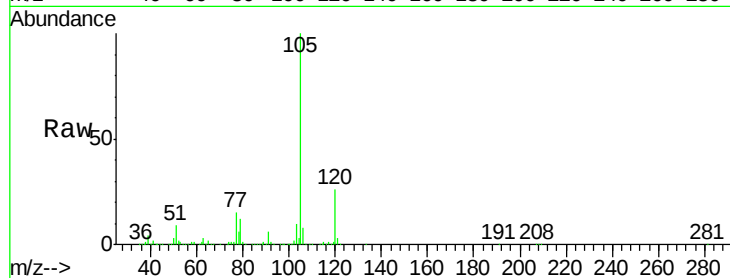
VSTDCCC050EC

Tot Ion:105 Resp: 755868

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

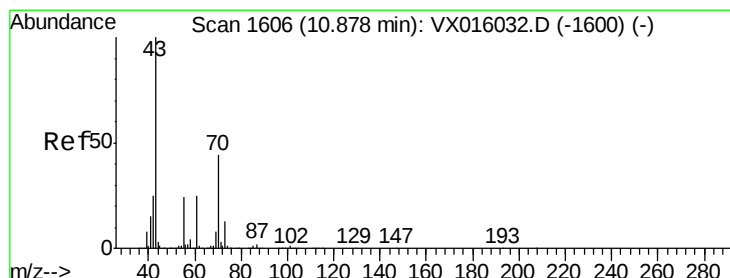
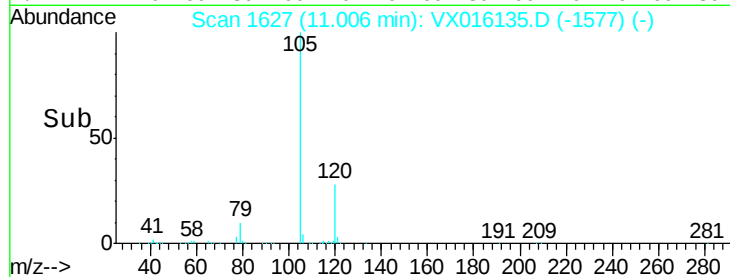
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.894 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Tgt Ion: 43 Resp: 354345

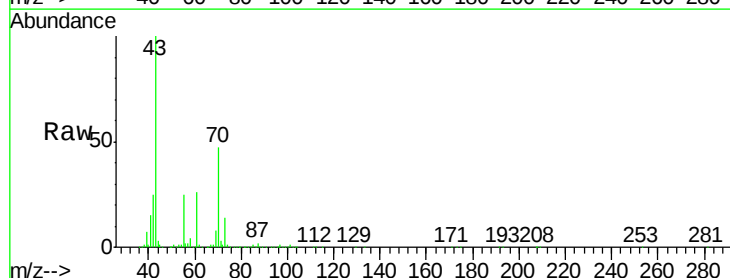
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 25.1 19.7 29.5

61 25.7 20.9 31.3



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

10.88

400000

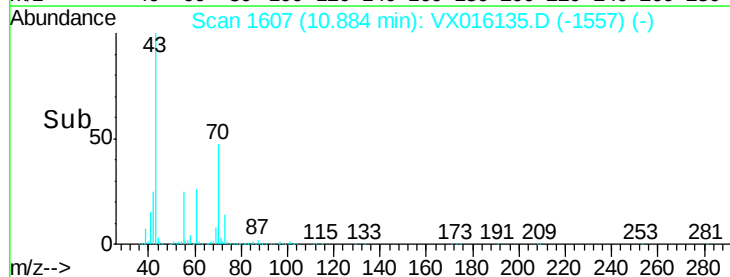
300000

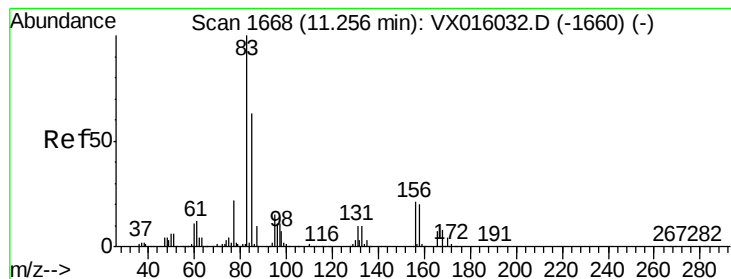
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 66.045 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

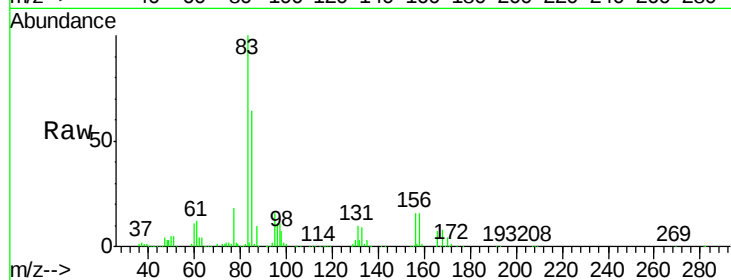
Tot Ion: 83 Resp: 209683

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

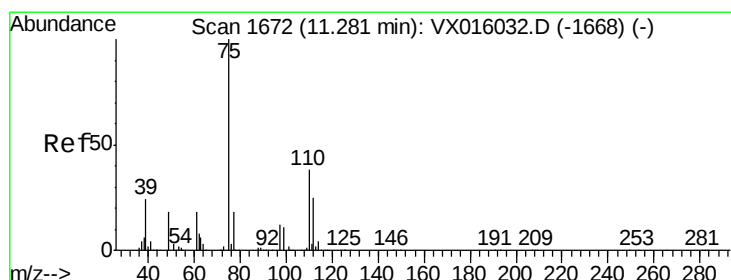
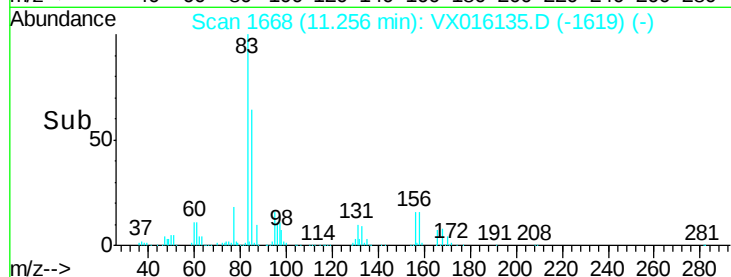
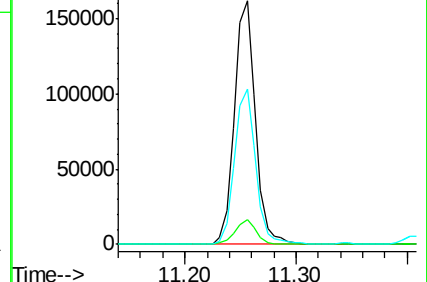
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.292 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016135.D

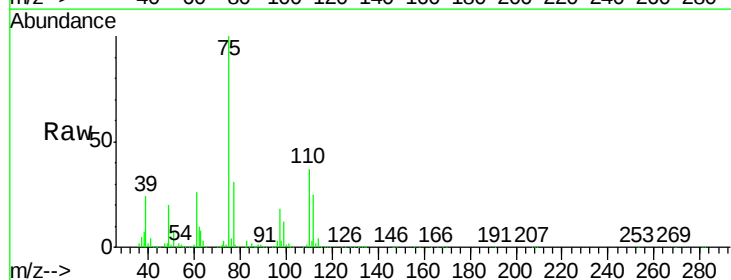
Acq: 08 May 2020 20:36

Tgt Ion: 75 Resp: 234094

Ion Ratio Lower Upper

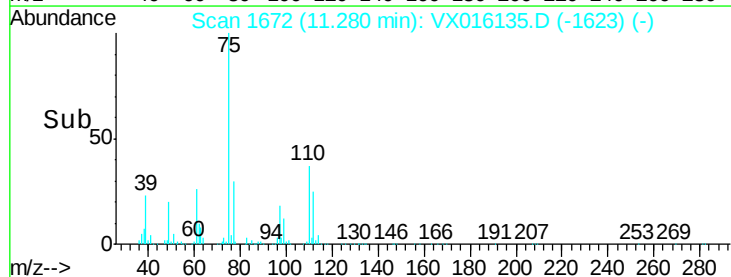
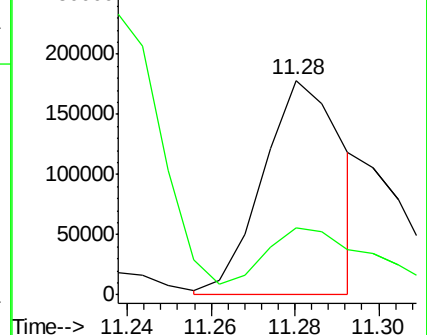
75 100

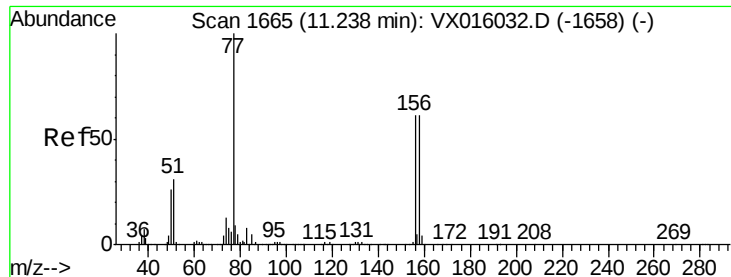
77 43.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.461 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

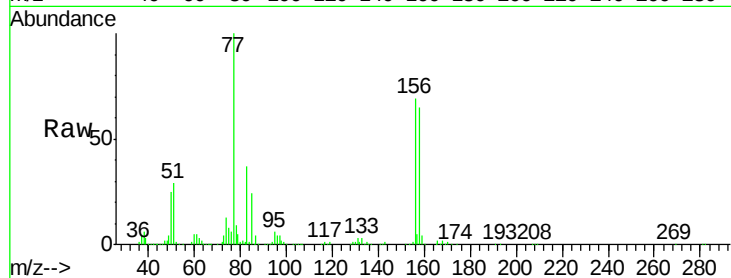
Tot Ion:156 Resp: 190337

Ion Ratio Lower Upper

156 100

77 161.4 80.1 240.3

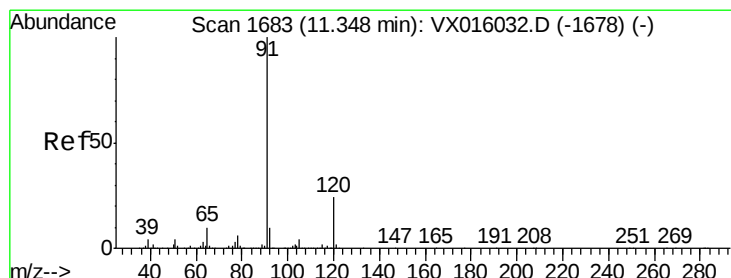
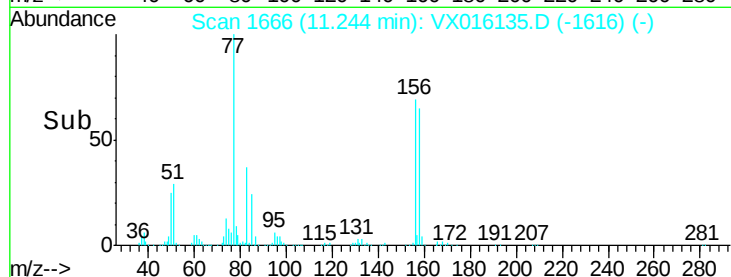
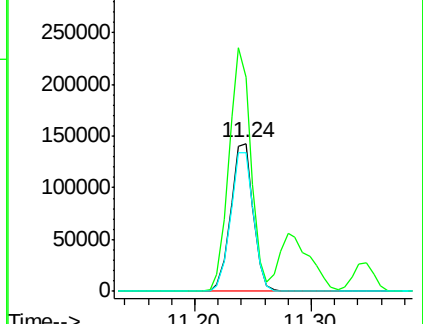
158 96.2 49.4 148.2



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: 48.240 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016135.D

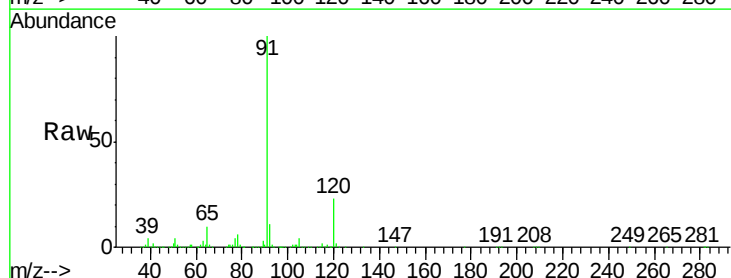
Acq: 08 May 2020 20:36

Tgt Ion: 91 Resp: 871941

Ion Ratio Lower Upper

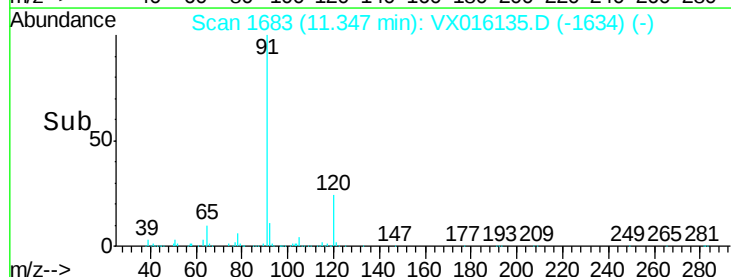
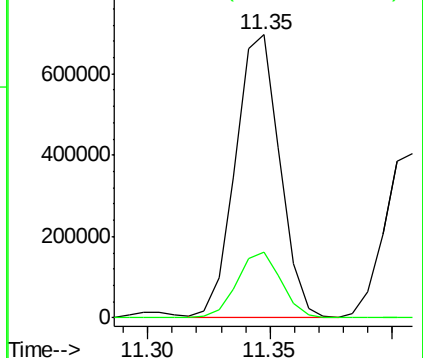
91 100

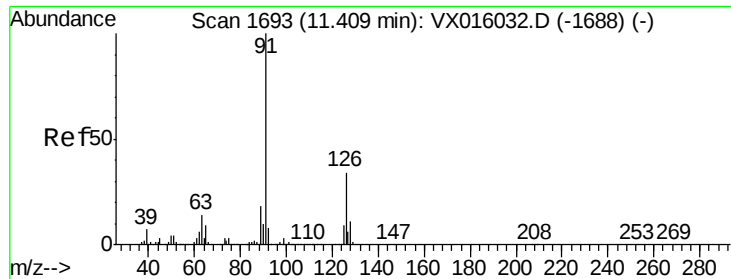
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

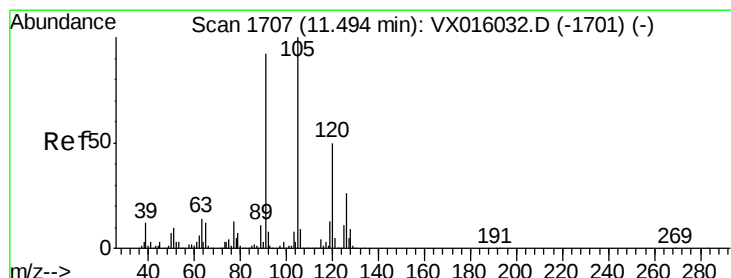
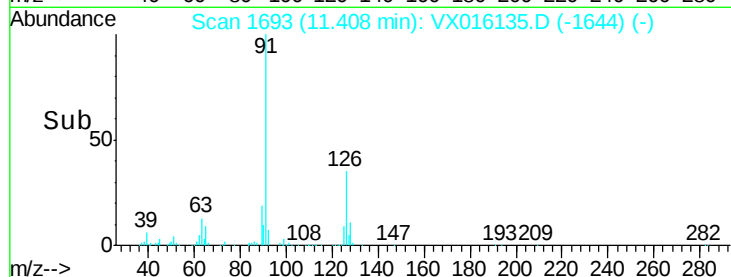
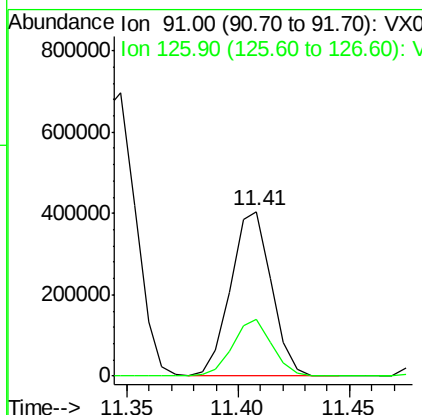
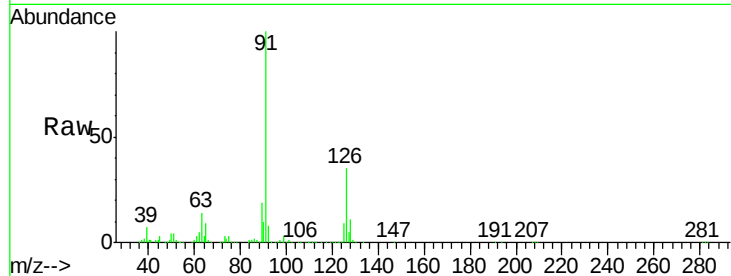




#79
 2-Chlorotoluene
 Concen: 48.350 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

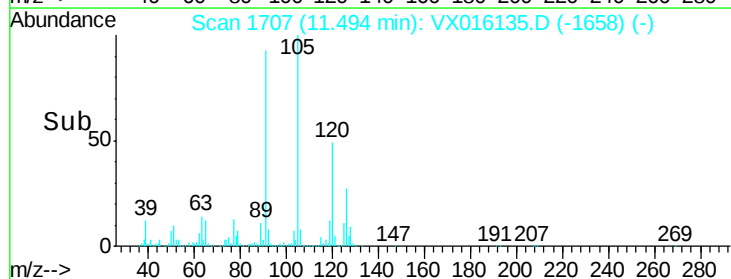
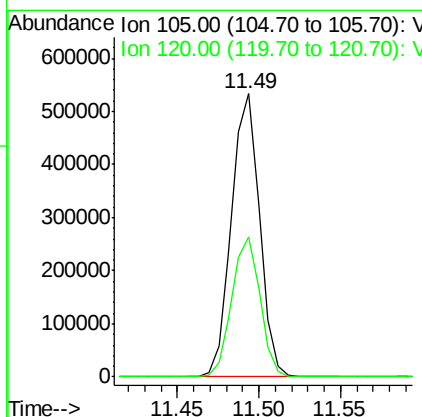
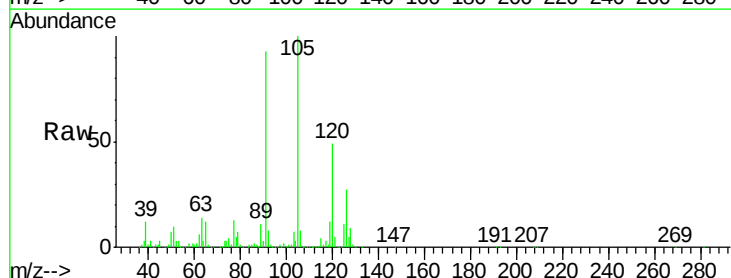
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

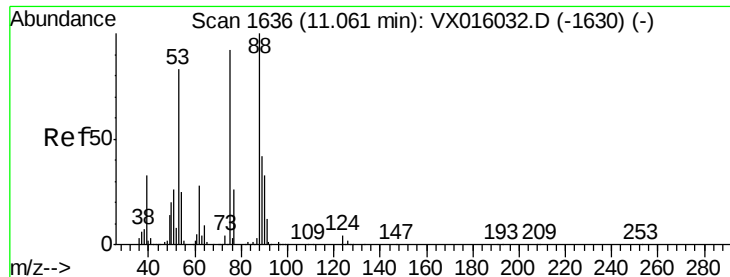
Tot Ion: 91 Resp: 515856
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.643 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion: 105 Resp: 638125
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.908 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

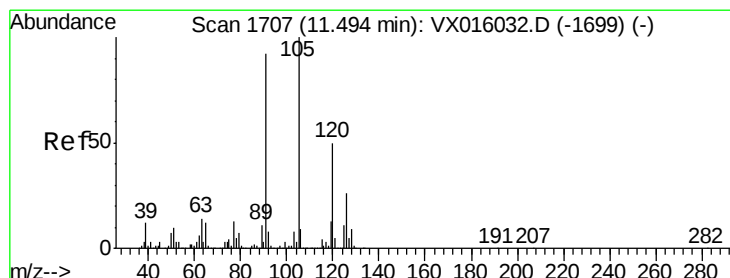
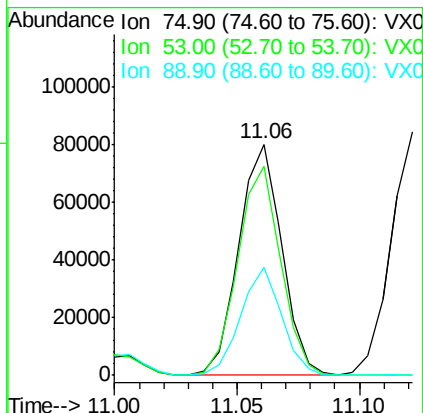
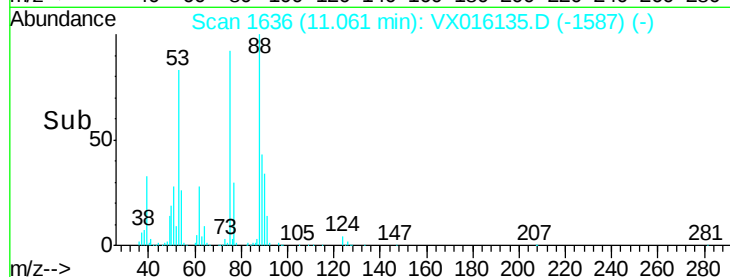
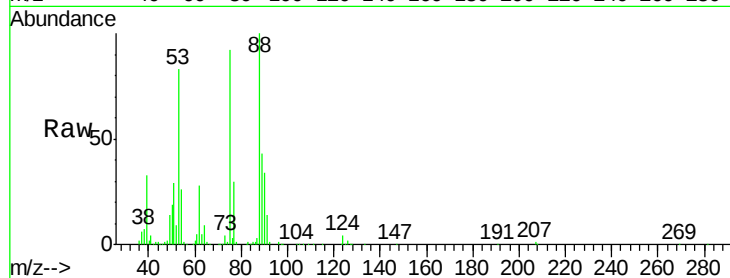
Tot Ion: 75 Resp: 97451

Ion Ratio Lower Upper

75 100

53 90.4 73.1 109.7

89 44.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.613 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016135.D

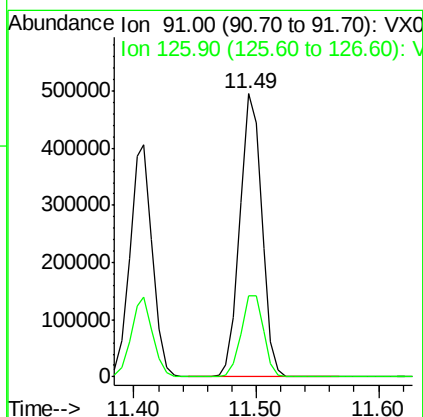
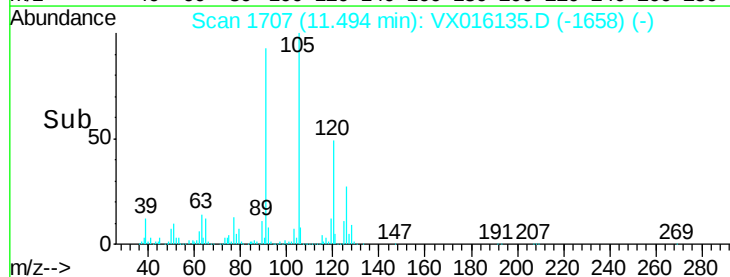
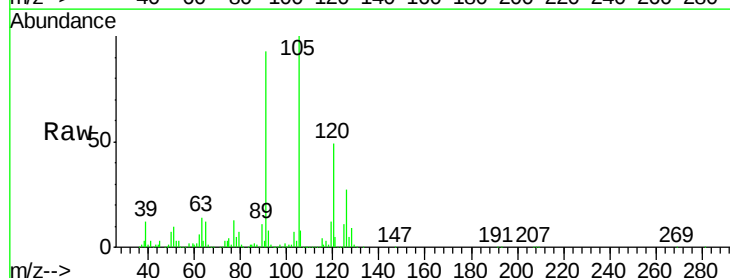
Acq: 08 May 2020 20:36

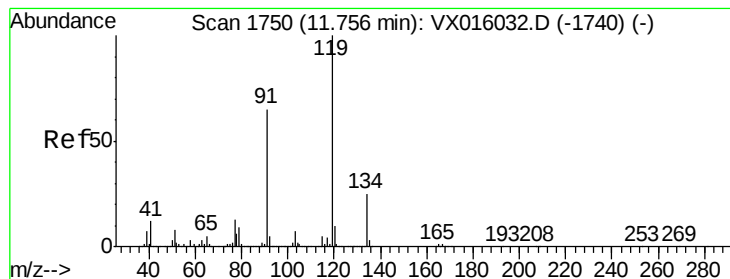
Tgt Ion: 91 Resp: 612478

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 50.097 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

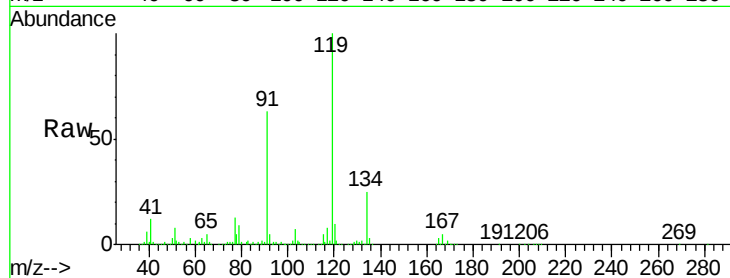
Tot Ion:119 Resp: 566374

Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.4

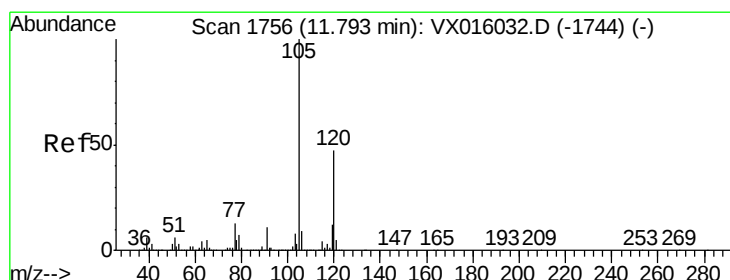
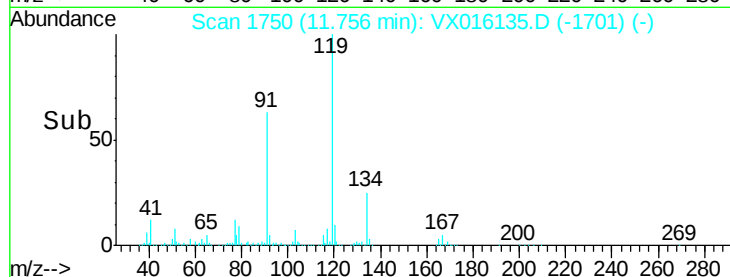
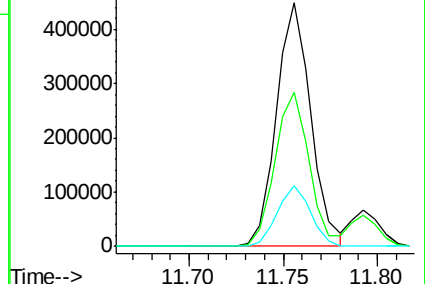
134 24.2 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.525 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016135.D

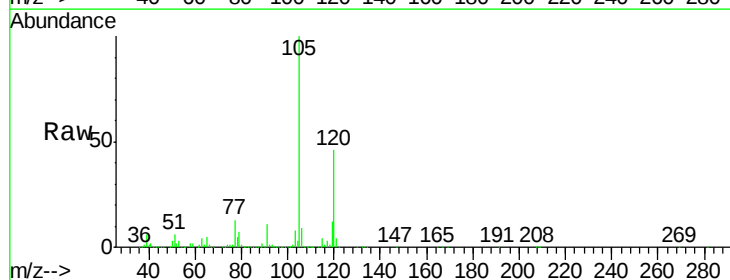
Acq: 08 May 2020 20:36

Tgt Ion:105 Resp: 643572

Ion Ratio Lower Upper

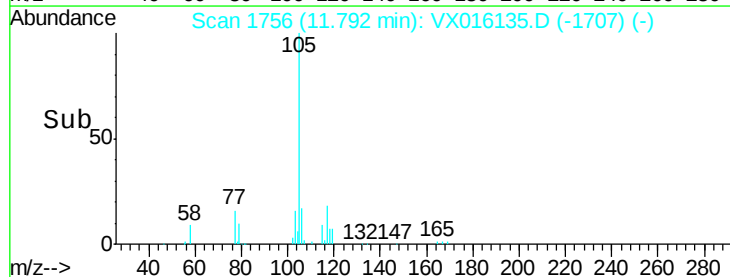
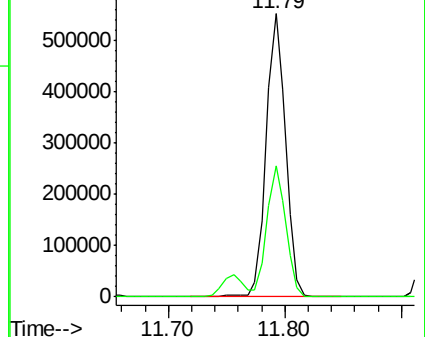
105 100

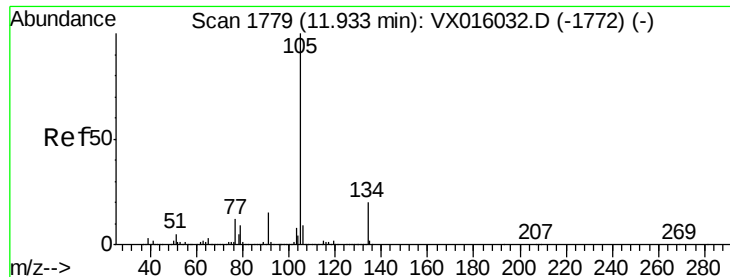
120 45.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

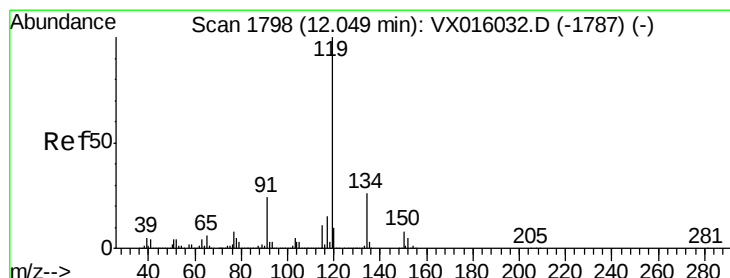
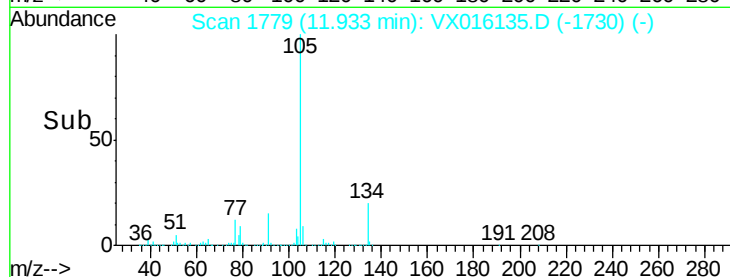
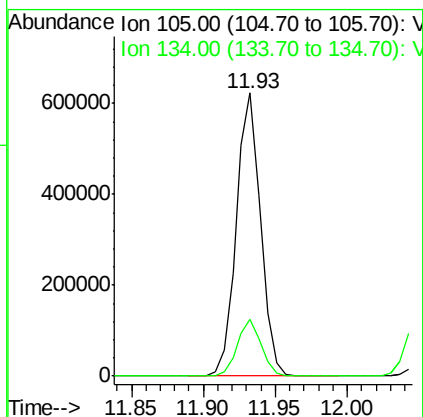
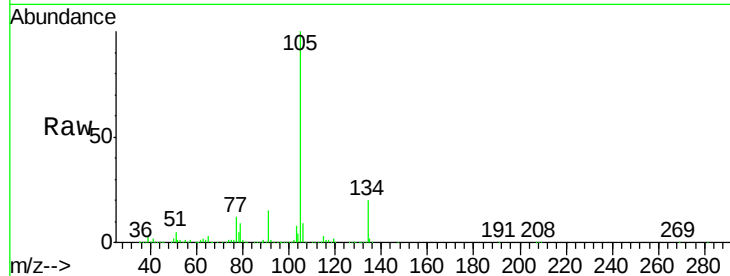




#85
 sec-Butylbenzene
 Concen: 47.826 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

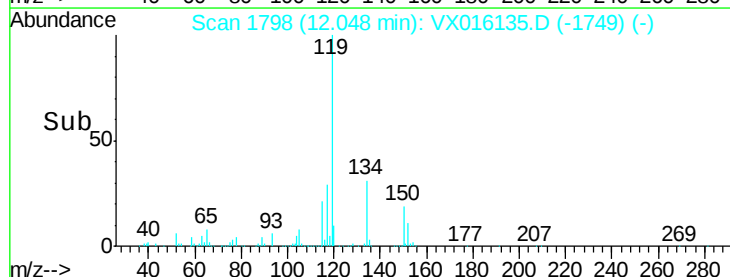
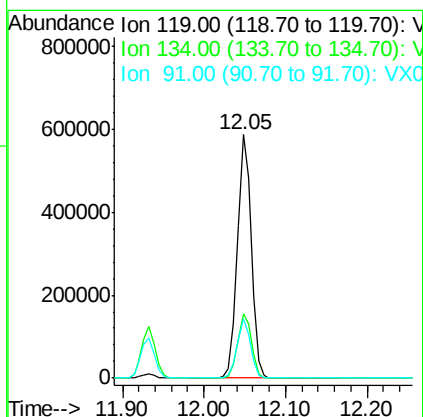
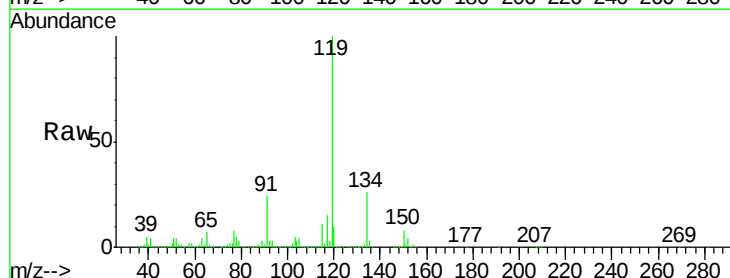
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

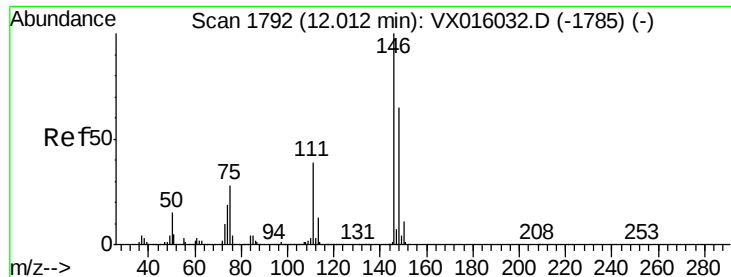
Tot Ion:105 Resp: 730037
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.685 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion:119 Resp: 675803
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.5 11.8 35.4

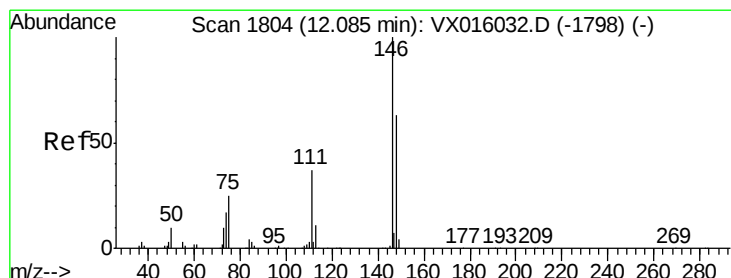
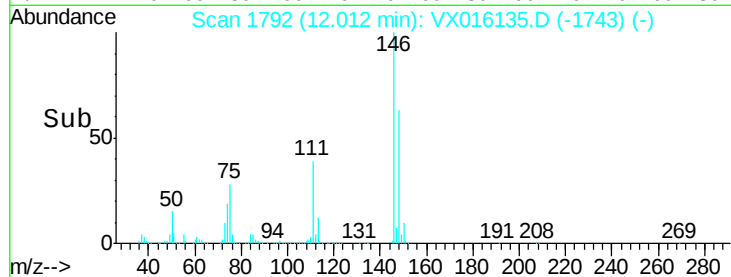
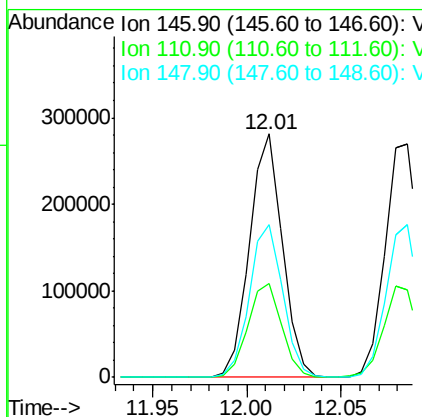
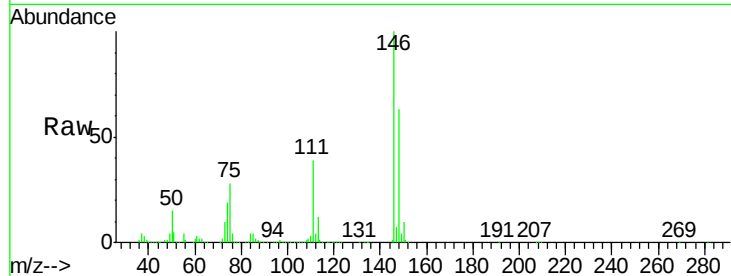




#87
 1,3-Dichlorobenzene
 Concen: 47.231 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

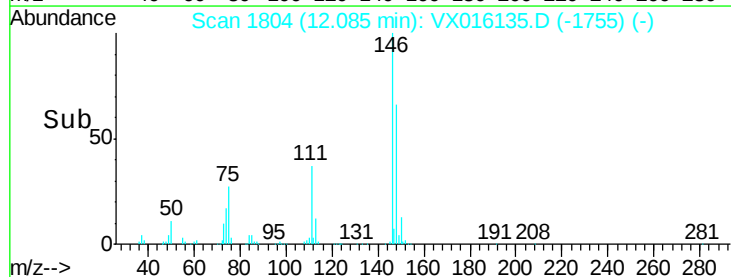
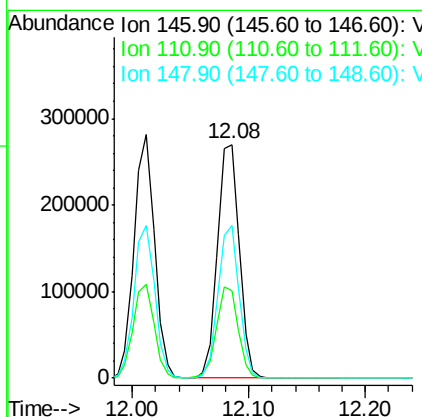
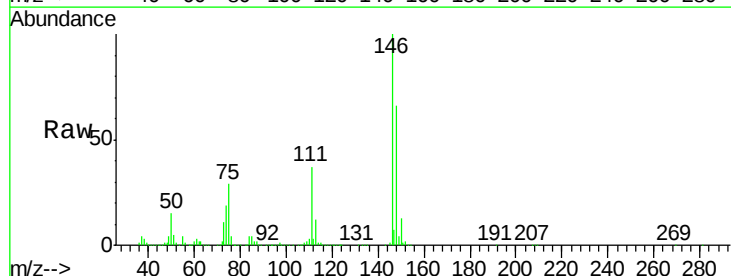
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

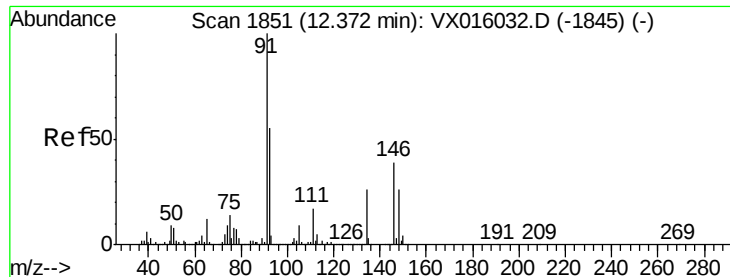
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.534 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.1	31.8	95.3





#89

n-Butylbenzene

Concen: 46.551 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

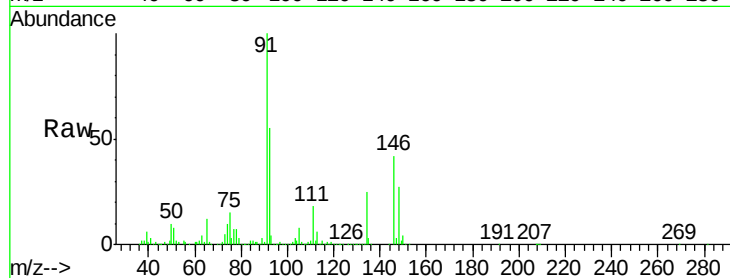
Tot Ion: 91 Resp: 602706

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.7

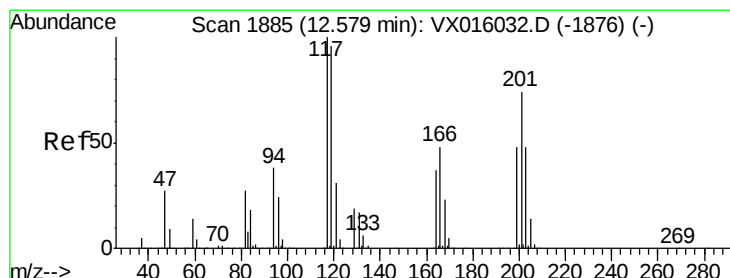
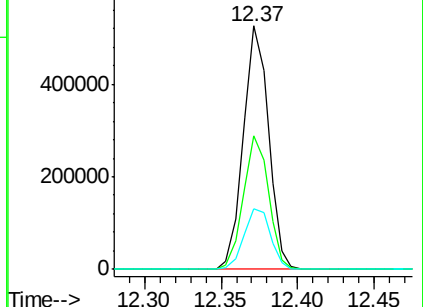
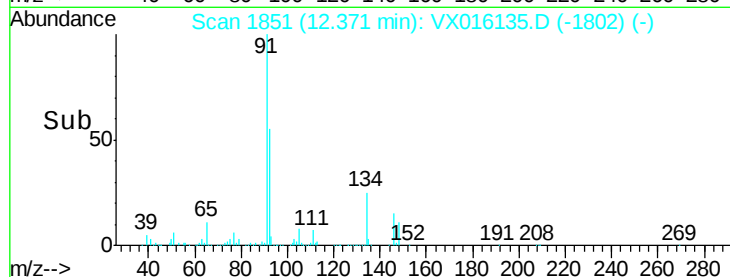
134 26.3 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016135.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016135.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016135.D (-1802) (-)



#90

Hexachloroethane

Concen: 49.099 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016135.D

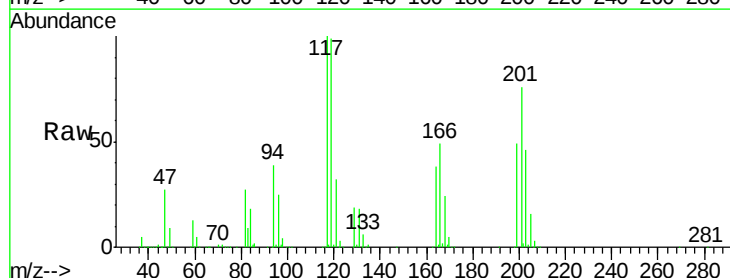
Acq: 08 May 2020 20:36

Tgt Ion: 117 Resp: 119506

Ion Ratio Lower Upper

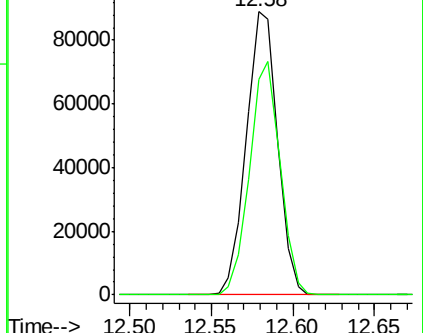
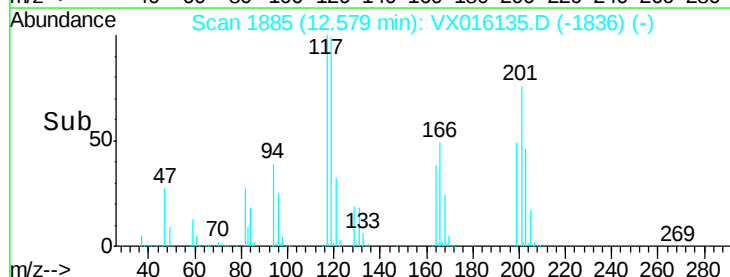
117 100

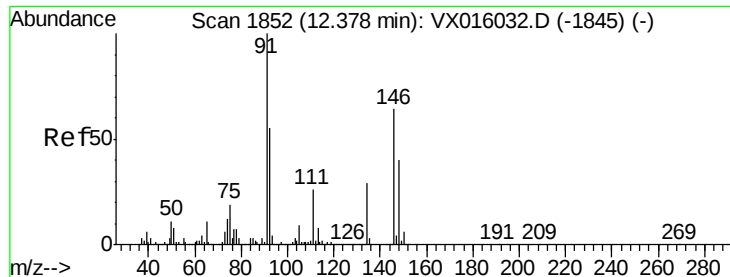
201 80.6 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016135.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016135.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 46.833 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

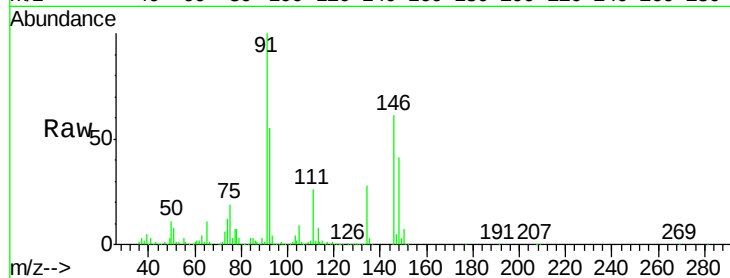
Tot Ion:146 Resp: 324723

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

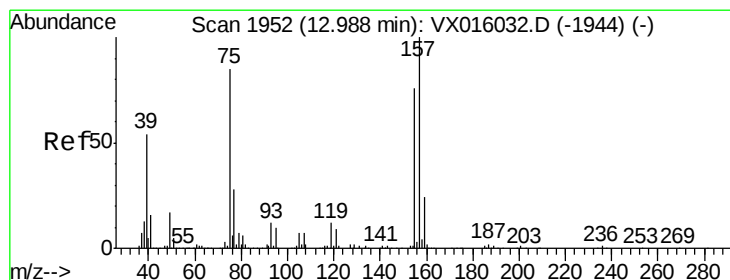
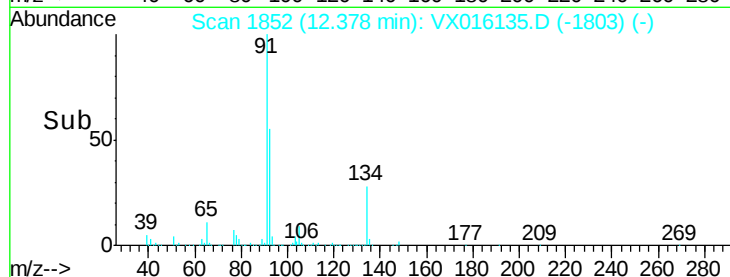
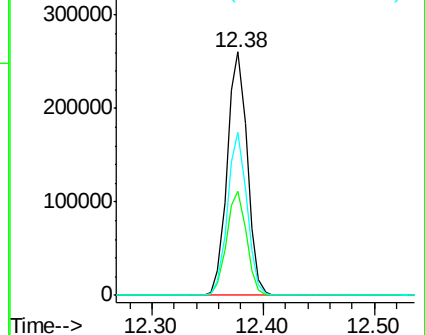
148 64.6 32.4 97.0



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: 48.897 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

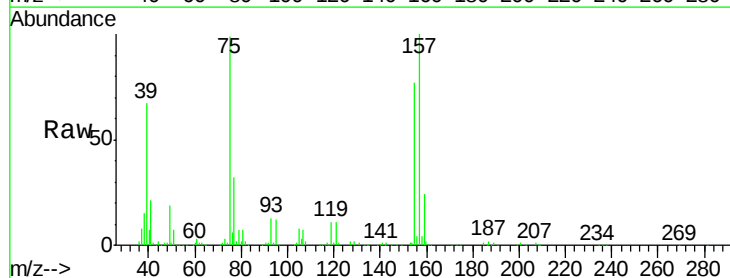
Tgt Ion: 75 Resp: 62469

Ion Ratio Lower Upper

75 100

155 85.4 42.5 127.5

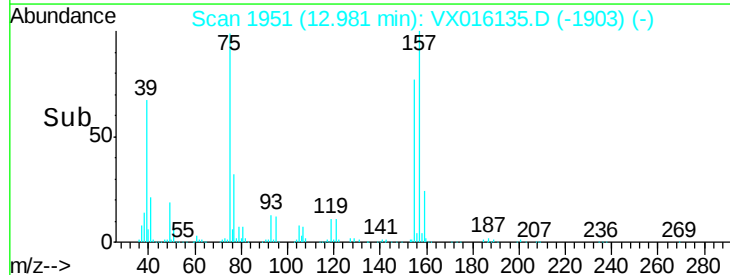
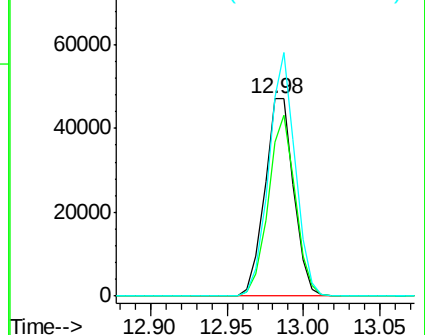
157 111.9 55.3 165.8

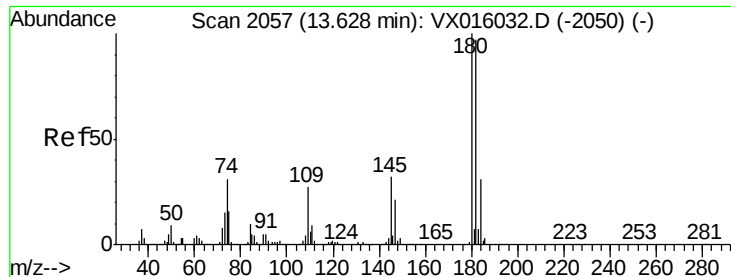


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

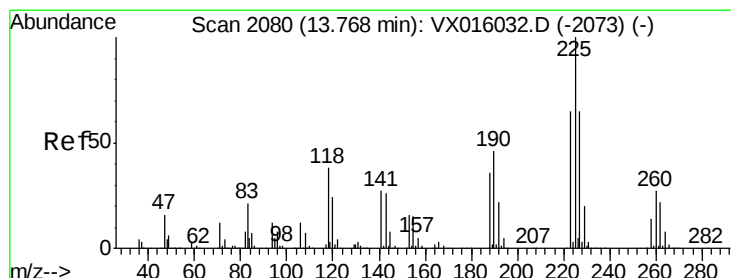
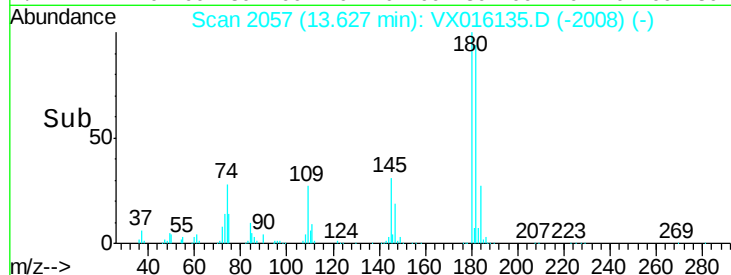
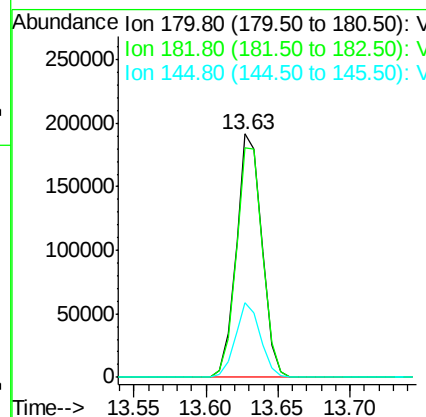
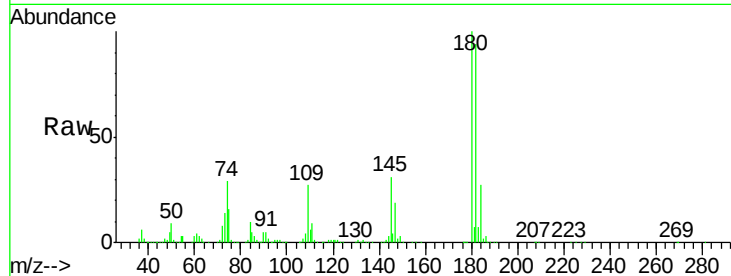




#93
 1,2,4-Trichlorobenzene
 Concen: 46.318 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

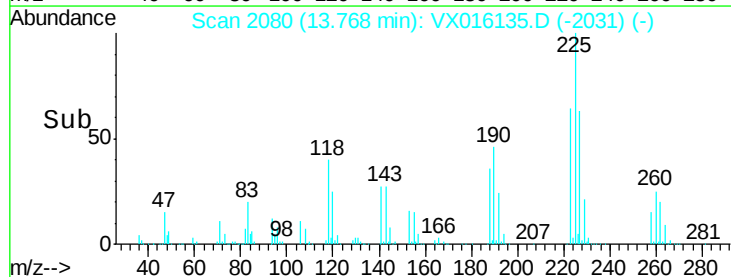
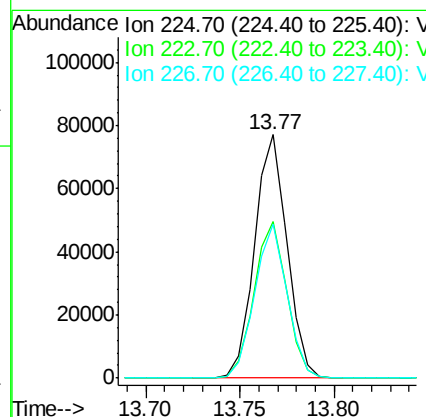
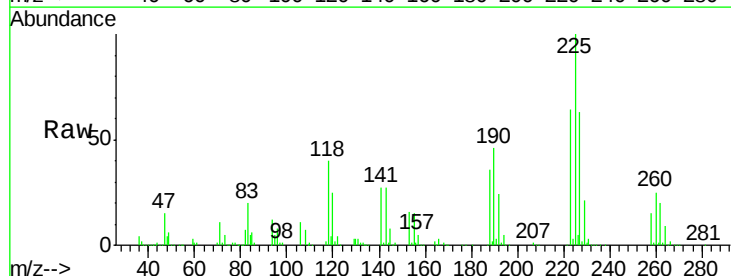
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

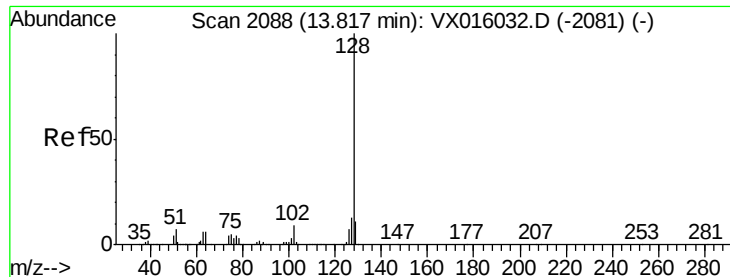
Tot Ion:180 Resp: 237769
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.7 146.1
 145 30.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 41.588 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016135.D
 Acq: 08 May 2020 20:36

Tgt Ion:225 Resp: 91732
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.3 96.9
 227 63.5 31.8 95.4





#95

Naphthalene

Concen: 48.384 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Instrument :

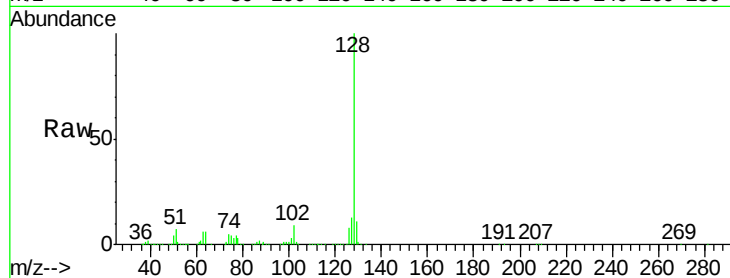
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 804248

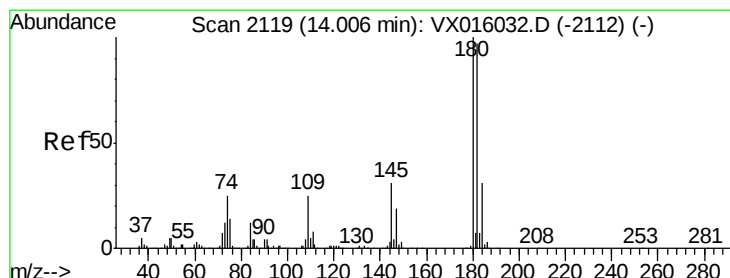
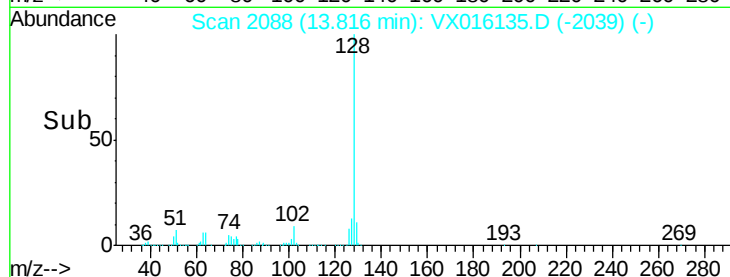
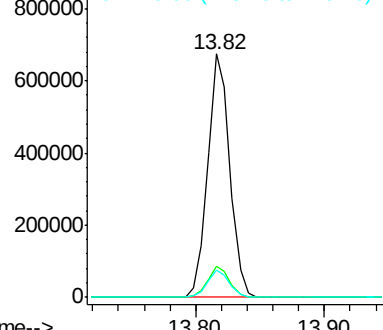
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.565 ug/l

RT: 14.01 min Scan# 2119

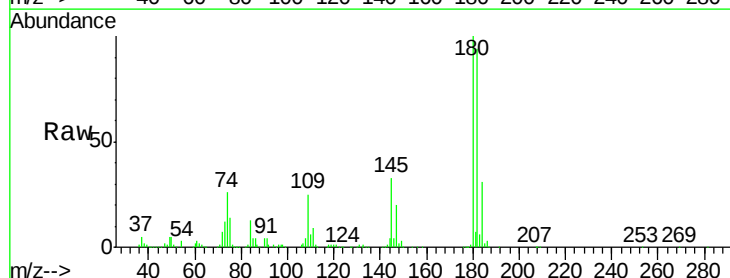
Delta R.T. -0.00 min

Lab File: VX016135.D

Acq: 08 May 2020 20:36

Tgt Ion:180 Resp: 233615

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	32.5	16.4	49.1



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

