

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016499.D
 Acq On : 28 May 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 03:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	291877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	184006	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	146994	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	8.70	98	573424	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.12	95	218582	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	148897	51.837	ug/l	97
3) Chloromethane	1.31	50	181588	52.313	ug/l	99
4) Vinyl Chloride	1.39	62	190751	51.964	ug/l	100
5) Bromomethane	1.62	94	93184	52.208	ug/l	100
6) Chloroethane	1.70	64	114674	53.553	ug/l	98
7) Trichlorofluoromethane	1.91	101	249393	51.732	ug/l	98
8) Diethyl Ether	2.17	74	102943	51.210	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130992	49.370	ug/l	99
10) Methyl Iodide	2.49	142	154918	48.940	ug/l	100
11) Tert butyl alcohol	3.02	59	238140	256.204	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145357	51.756	ug/l	98
13) Acrolein	2.27	56	108842	275.274	ug/l	98
14) Allyl chloride	2.70	41	267275	51.748	ug/l	99
15) Acrylonitrile	3.12	53	511644	268.719	ug/l	99
16) Acetone	2.42	43	421531	265.435	ug/l	100
17) Carbon Disulfide	2.55	76	425263	50.990	ug/l	100
18) Methyl Acetate	2.75	43	219556	53.904	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	540780	53.623	ug/l	100
20) Methylene Chloride	2.83	84	168559	51.301	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	162977	52.463	ug/l	96
22) Diisopropyl ether	3.82	45	527044	53.118	ug/l	99
23) Vinyl Acetate	3.78	43	2379348	273.966	ug/l	100
24) 1,1-Dichloroethane	3.67	63	296272	52.904	ug/l	99
25) 2-Butanone	4.64	43	721923	268.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	212809	46.439	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	185667	51.663	ug/l	99
28) Bromochloromethane	4.98	49	135632	52.118	ug/l	99
29) Tetrahydrofuran	5.09	42	472771	271.946	ug/l	99
30) Chloroform	5.18	83	294444	52.181	ug/l	98
31) Cyclohexane	5.55	56	249298	49.482	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	268740	52.605	ug/l	98
36) 1,1-Dichloropropene	5.77	75	223098	49.455	ug/l	99
37) Ethyl Acetate	4.80	43	274302	50.647	ug/l	99
38) Carbon Tetrachloride	5.76	117	231732	48.882	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	242899	49.573	ug/l	98
40) Benzene	6.12	78	678337	50.495	ug/l	100
41) Methacrylonitrile	5.01	41	148081	49.777	ug/l	100
42) 1,2-Dichloroethane	6.17	62	236182	49.437	ug/l	99
43) Isopropyl Acetate	6.42	43	432898	51.243	ug/l	99
44) Trichloroethene	7.19	130	204446	47.967	ug/l	99
45) 1,2-Dichloropropane	7.49	63	175094	51.198	ug/l	99
46) Dibromomethane	7.64	93	114983	50.056	ug/l	100
47) Bromodichloromethane	7.88	83	239975	50.454	ug/l	99
48) Methyl methacrylate	7.74	41	208402	51.523	ug/l	98
49) 1,4-Dioxane	7.71	88	89460	945.068	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1372473	260.918	ug/l	99
52) Toluene	8.77	92	432945	51.107	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278010	51.404	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	291054	50.843	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	171480	50.912	ug/l	97
56) Ethyl methacrylate	9.16	69	290202	52.903	ug/l	100
57) 1,3-Dichloropropane	9.35	76	293798	50.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734954	256.688	ug/l	100
59) 2-Hexanone	9.48	43	1076903	263.262	ug/l	99
60) Dibromochloromethane	9.57	129	193637	51.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184701	51.209	ug/l	99
64) Tetrachloroethene	9.32	164	227603	46.377	ug/l	99
65) Chlorobenzene	10.12	112	457464	51.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	173543	50.836	ug/l	99
67) Ethyl Benzene	10.24	91	796612	50.031	ug/l	99
68) m/p-Xylenes	10.34	106	596463	101.034	ug/l	99
69) o-Xylene	10.68	106	290230	50.763	ug/l	98
70) Styrene	10.70	104	514749	52.379	ug/l	100
71) Bromoform	10.84	173	151660	52.566	ug/l	# 100
73) Isopropylbenzene	11.00	105	765065	51.121	ug/l	100
74) N-amyl acetate	10.88	43	372503	54.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212317	56.607	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	330064	69.521	ug/l	84
77) Bromobenzene	11.24	156	200338	51.038	ug/l	100
78) n-propylbenzene	11.34	91	864784	51.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	524611	51.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	648860	51.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97587	50.562	ug/l	99
82) 4-Chlorotoluene	11.49	91	624577	51.823	ug/l	99
83) tert-Butylbenzene	11.76	119	567244	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	654676	51.804	ug/l	100
85) sec-Butylbenzene	11.93	105	709491	52.969	ug/l	100
86) p-Isopropyltoluene	12.05	119	669614	53.368	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	345693	50.834	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349430	50.241	ug/l	98
89) n-Butylbenzene	12.37	91	566750	54.230	ug/l	100
90) Hexachloroethane	12.58	117	114723	52.935	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	337237	51.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64270	52.902	ug/l	99

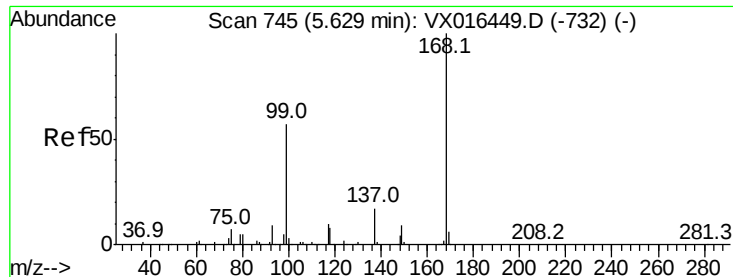
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237625	54.306	ug/l	98
94) Hexachlorobutadiene	13.77	225	87720	51.059	ug/l	99
95) Naphthalene	13.82	128	787246	52.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228671	53.342	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

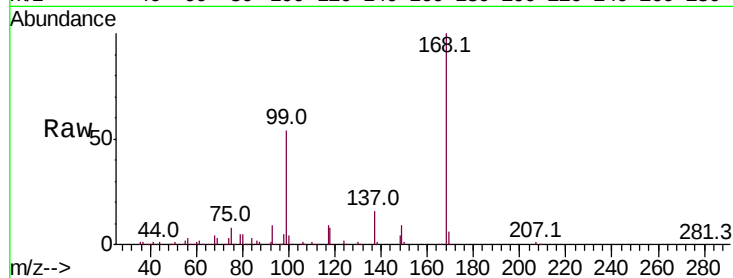
VSTDCCC050EC

Tot Ion:168 Resp: 291877

Ion Ratio Lower Upper

168 100

99 53.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

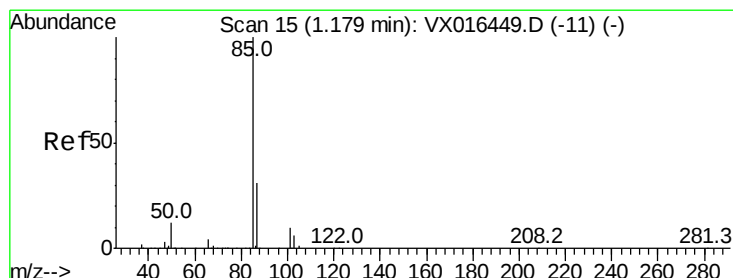
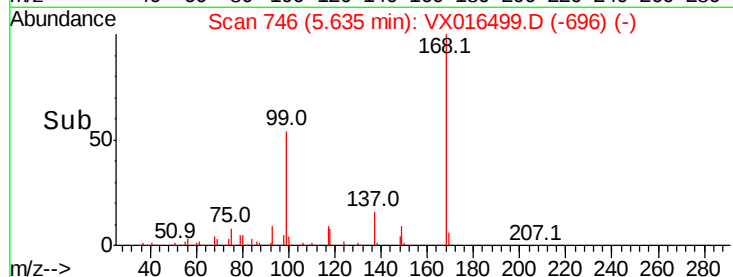
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.837 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016499.D

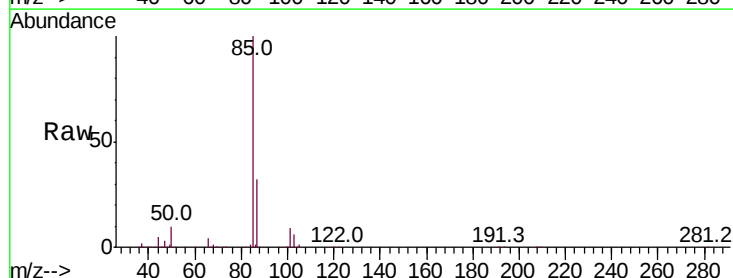
Acq: 28 May 2020 20:27

Tgt Ion: 85 Resp: 148897

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

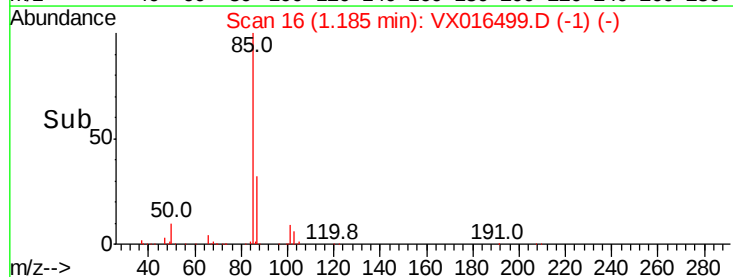
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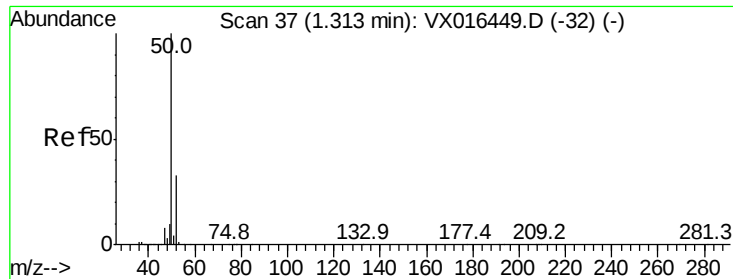
100000

50000

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Time-->





#3

Chloromethane

Concen: 52.313 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

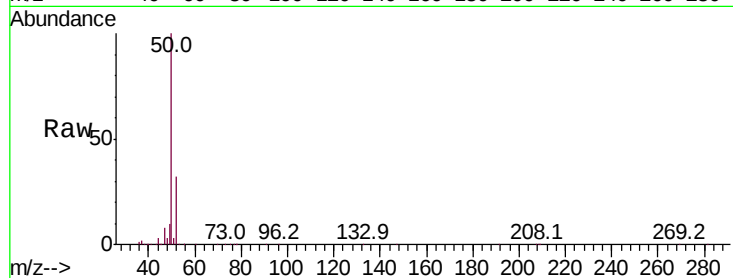
VSTDCCC050EC

Tot Ion: 50 Resp: 181588

Ion Ratio Lower Upper

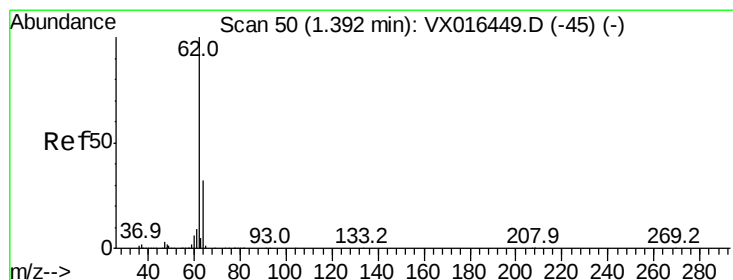
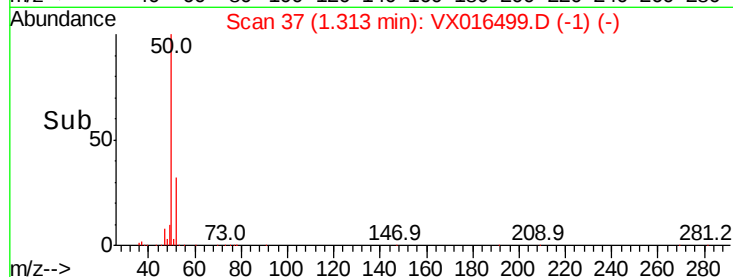
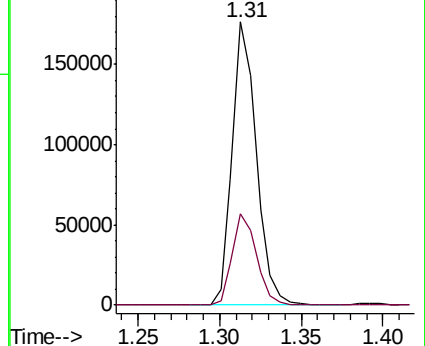
50 100

52 32.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.964 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016499.D

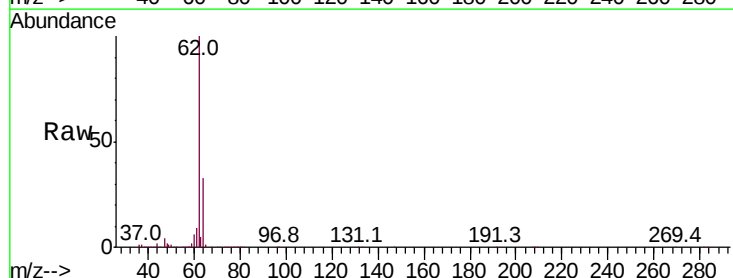
Acq: 28 May 2020 20:27

Tgt Ion: 62 Resp: 190751

Ion Ratio Lower Upper

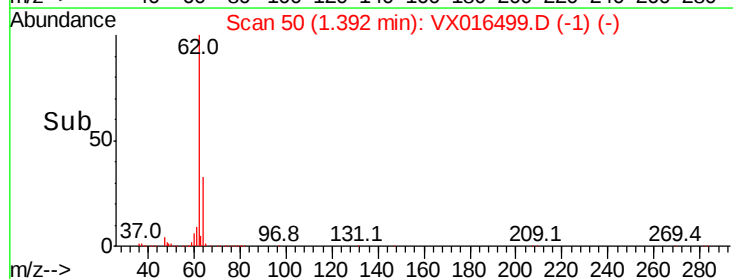
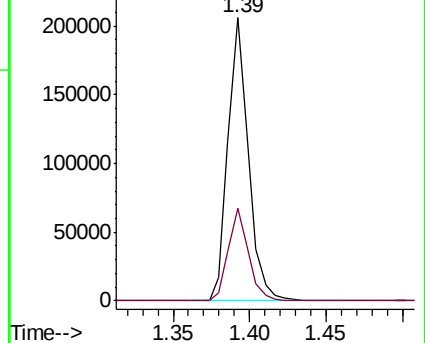
62 100

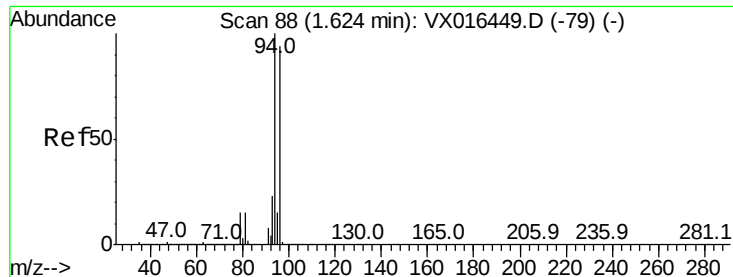
64 32.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.208 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

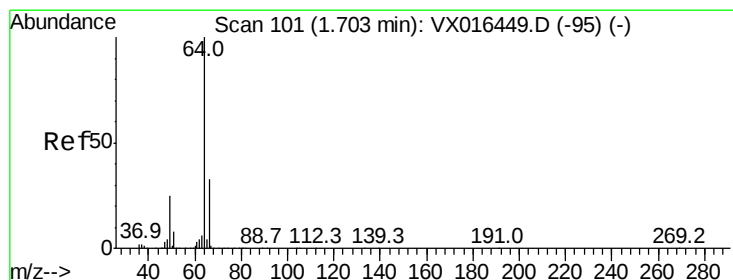
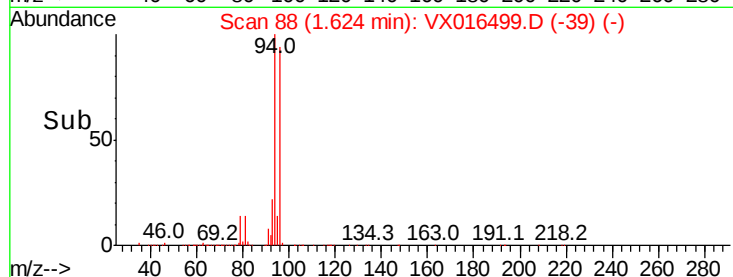
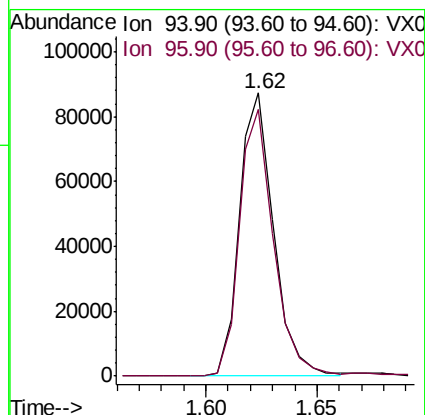
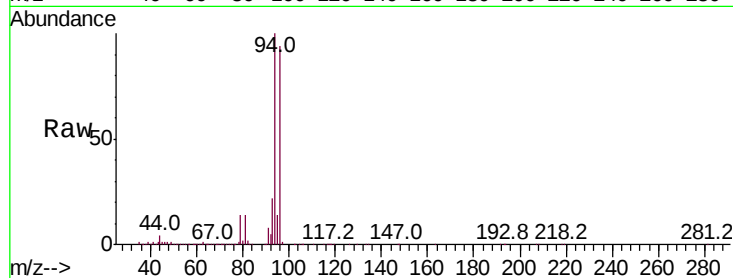
VSTDCCC050EC

Tot Ion: 94 Resp: 93184

Ion Ratio Lower Upper

94 100

96 94.1 75.1 112.7



#6

Chloroethane

Concen: 53.553 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016499.D

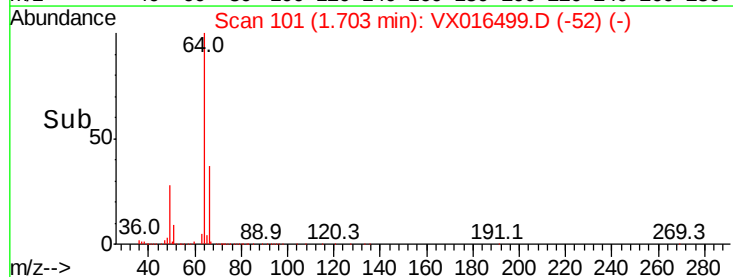
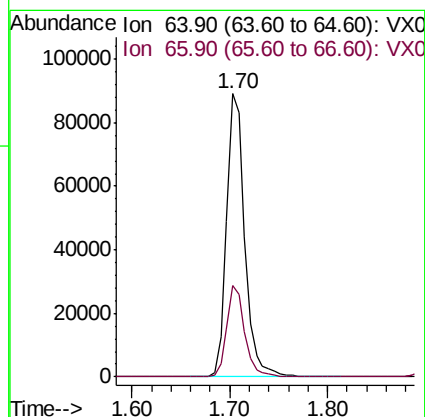
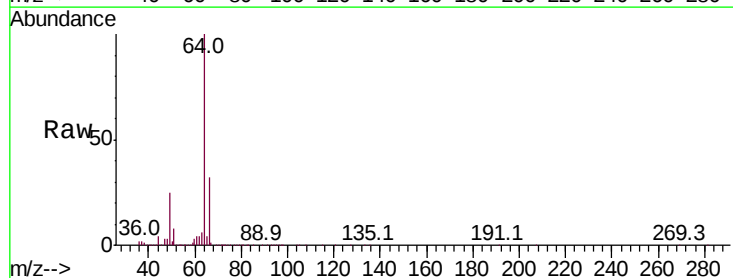
Acq: 28 May 2020 20:27

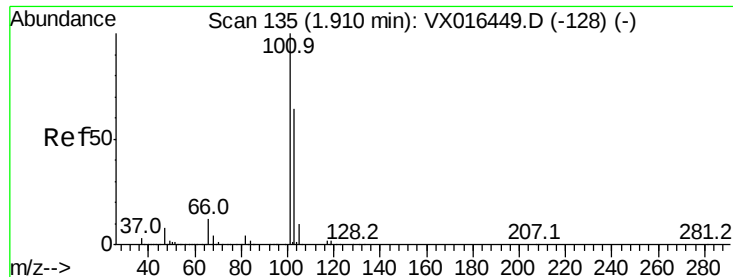
Tgt Ion: 64 Resp: 114674

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1



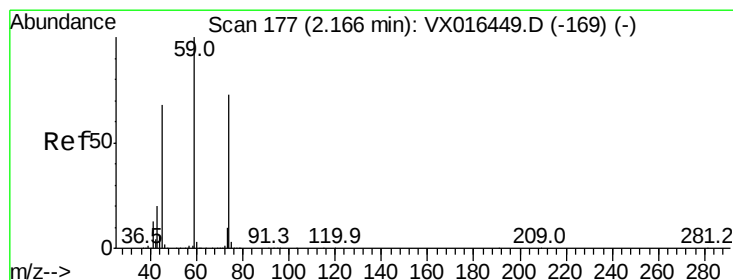
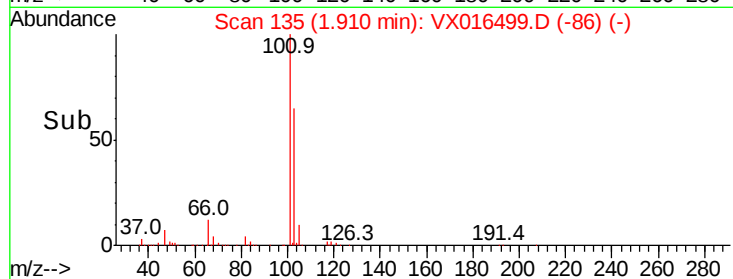
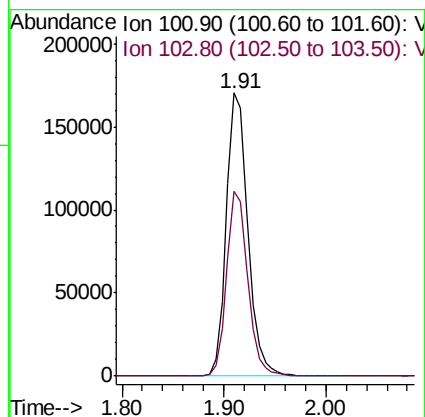
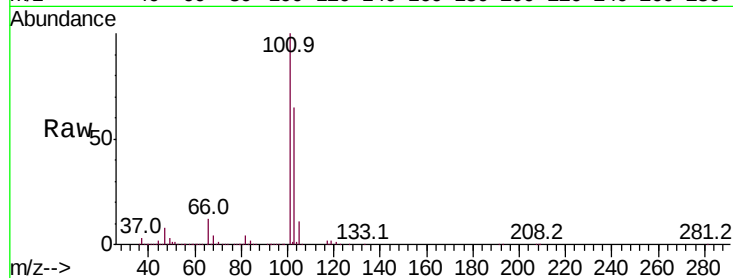


#7

Trichlorofluoromethane
 Concen: 51.732 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

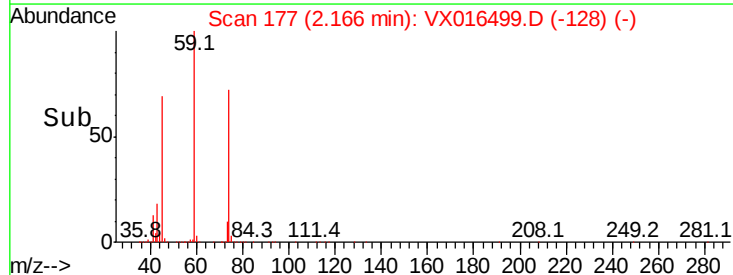
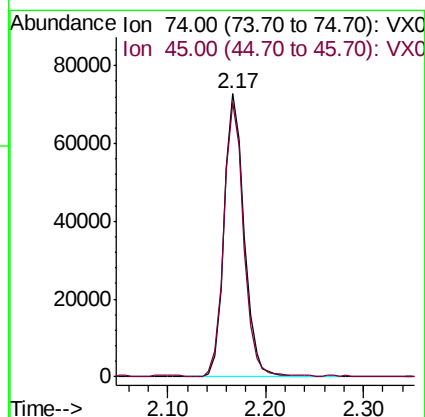
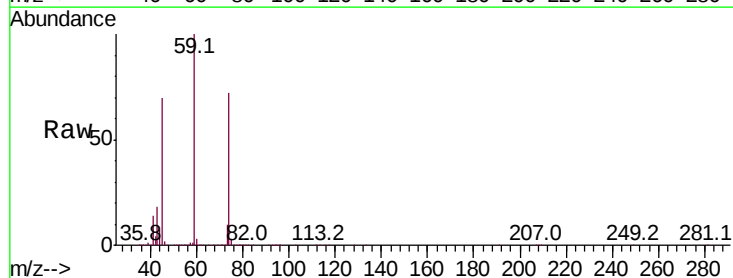
Tot Ion:101 Resp: 249393
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.9 76.3

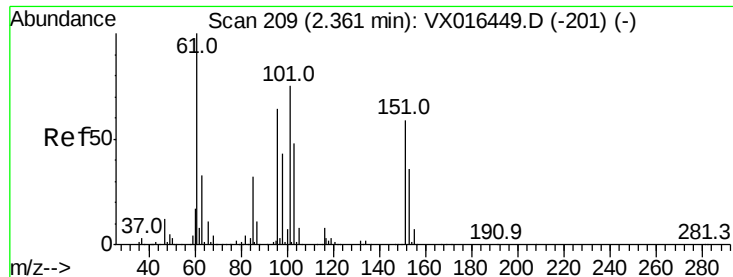


#8

Diethyl Ether
 Concen: 51.210 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion: 74 Resp: 102943
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.370 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

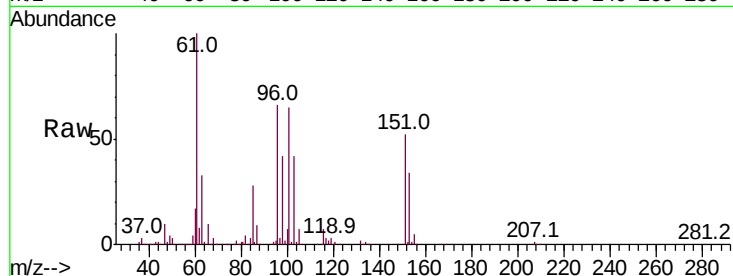
Tot Ion:101 Resp: 130992

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

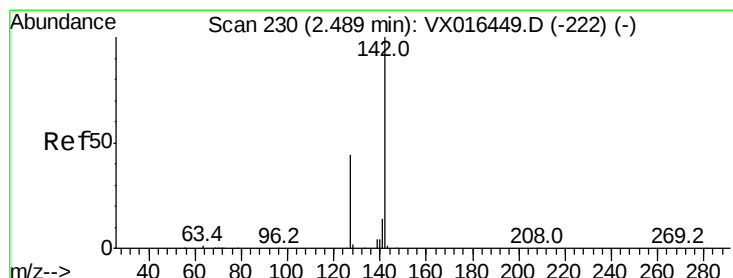
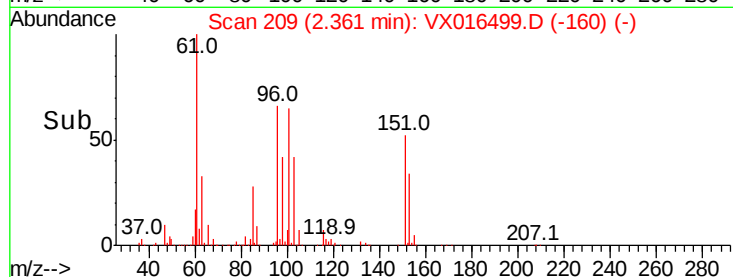
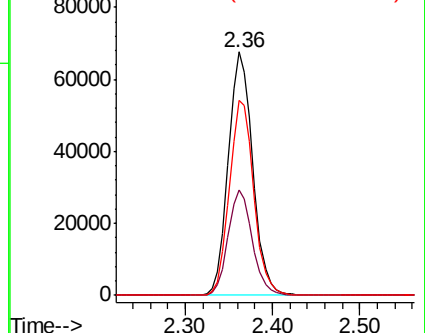
151 80.5 63.8 95.6



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: 48.940 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

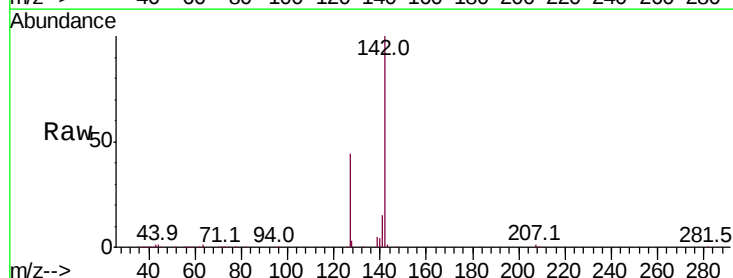
Tgt Ion:142 Resp: 154918

Ion Ratio Lower Upper

142 100

127 43.7 35.3 52.9

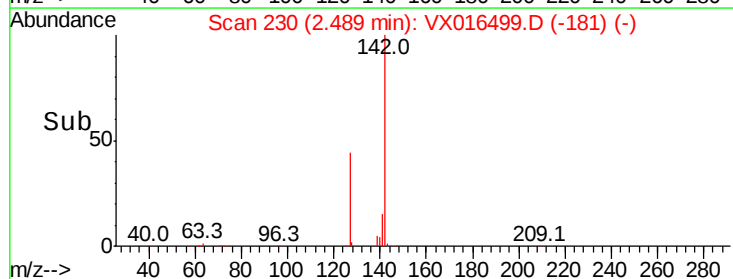
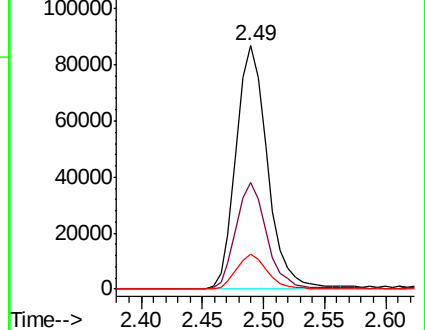
141 14.3 11.4 17.2

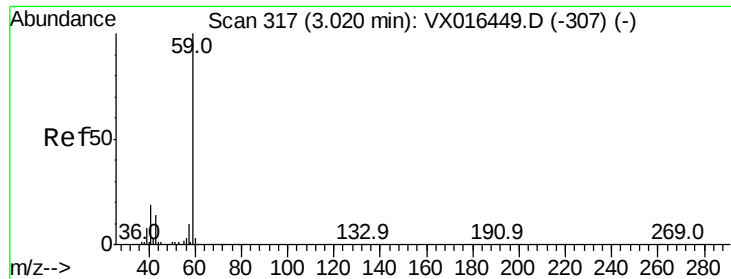


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



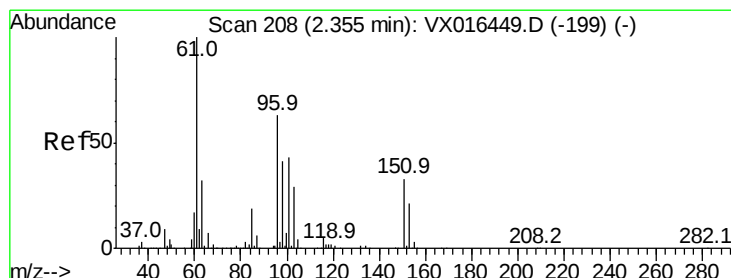
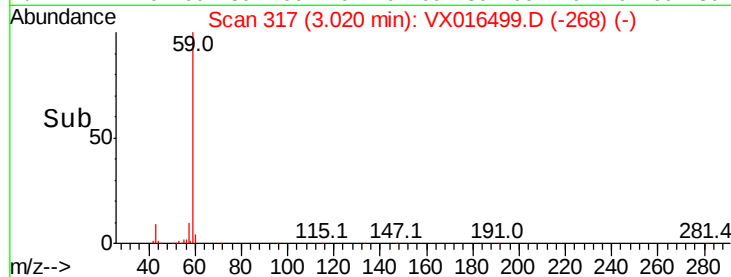
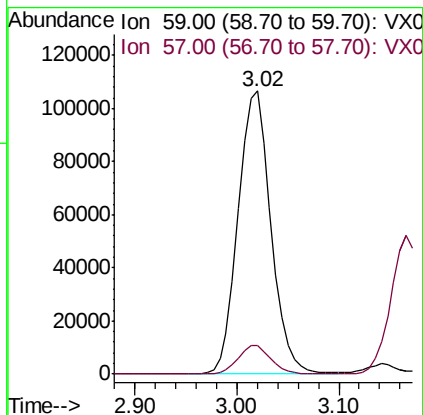
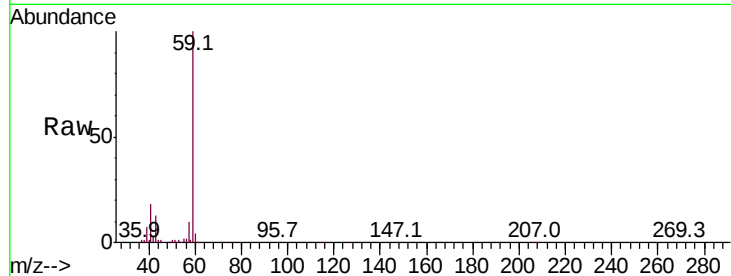


#11

Tert butyl alcohol
 Concen: 256.204 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

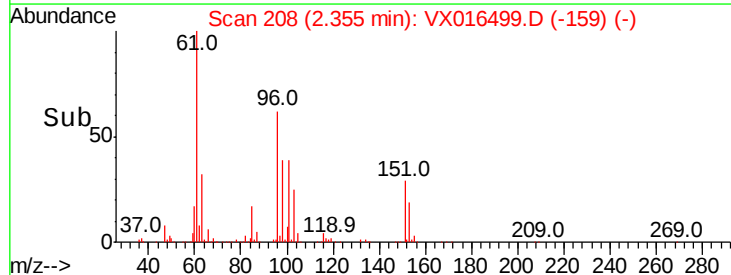
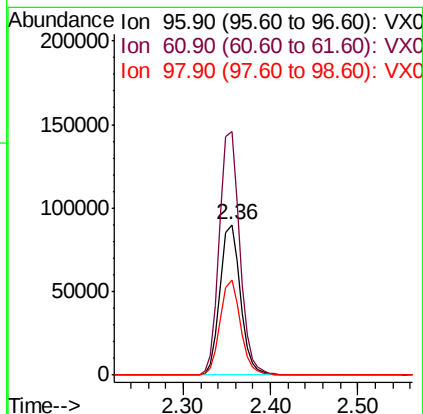
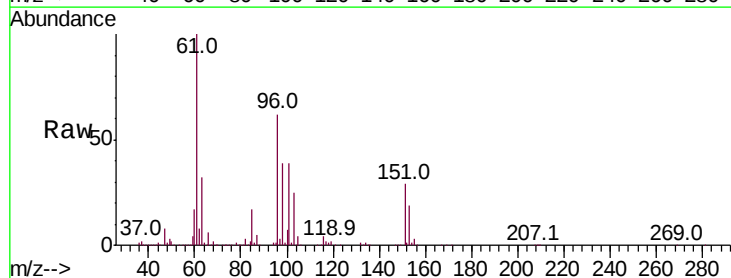
Tot Ion: 59 Resp: 238140
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

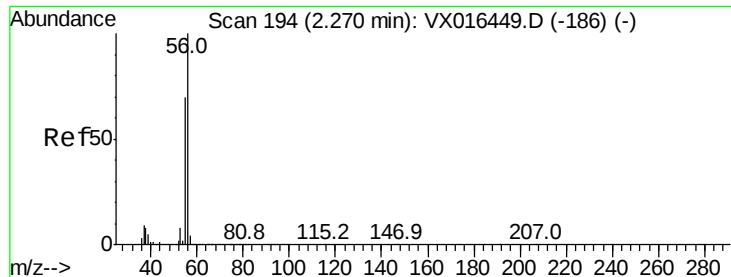


#12

1,1-Dichloroethene
 Concen: 51.756 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion: 96 Resp: 145357
 Ion Ratio Lower Upper
 96 100
 61 161.9 126.6 189.8
 98 63.5 51.3 76.9





#13

Acrolein

Concen: 275.274 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

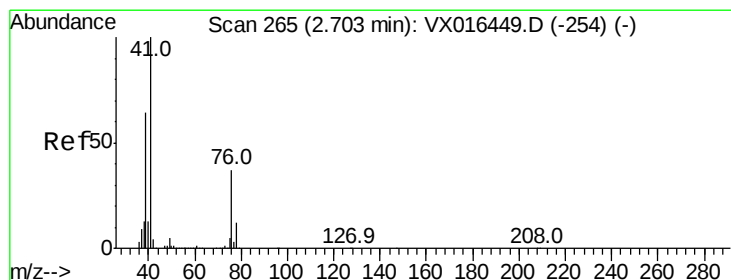
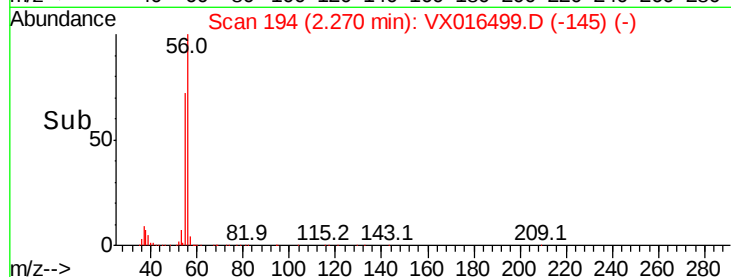
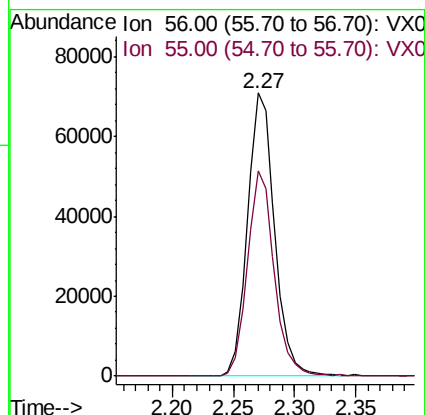
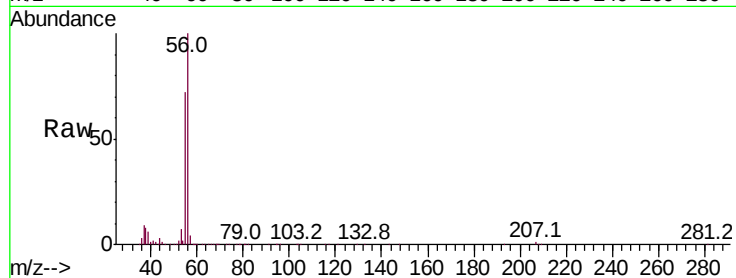
VSTDCCC050EC

Tot Ion: 56 Resp: 108842

Ion Ratio Lower Upper

56 100

55 71.3 58.3 87.5



#14

Allyl chloride

Concen: 51.748 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

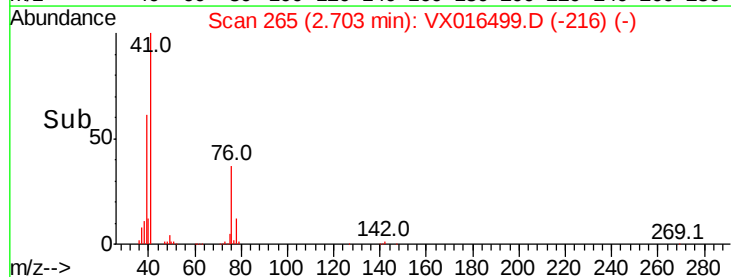
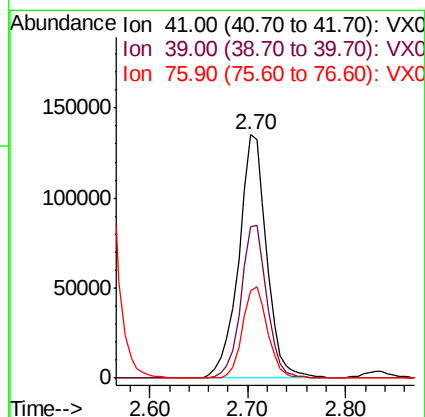
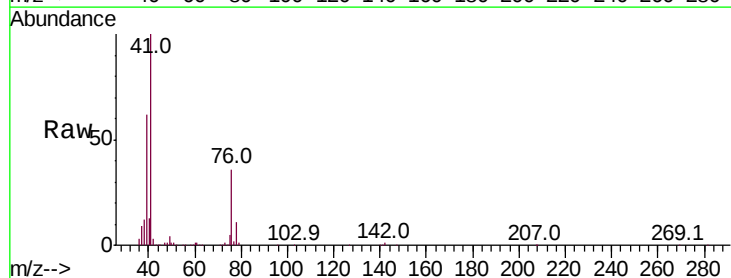
Tgt Ion: 41 Resp: 267275

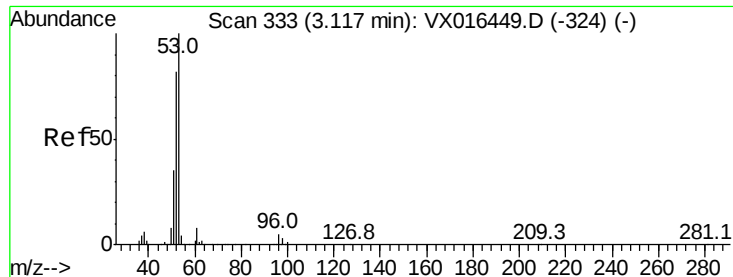
Ion Ratio Lower Upper

41 100

39 58.4 47.7 71.5

76 33.9 26.6 40.0





#15

Acrylonitrile

Concen: 268.719 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

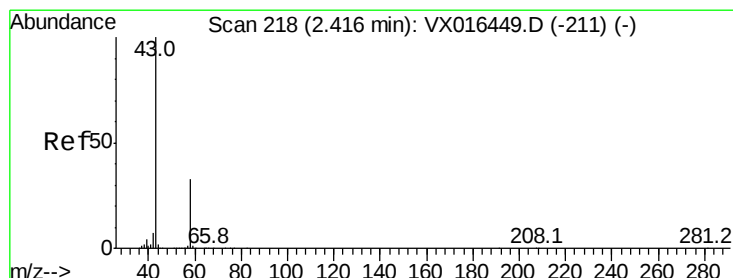
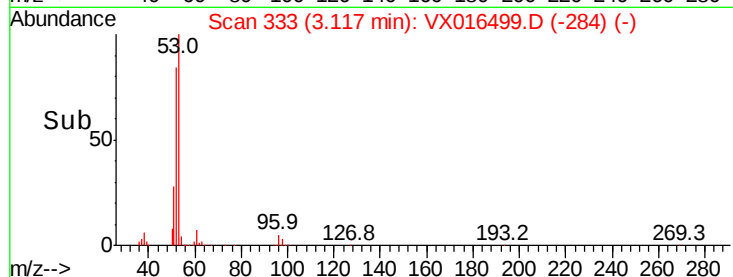
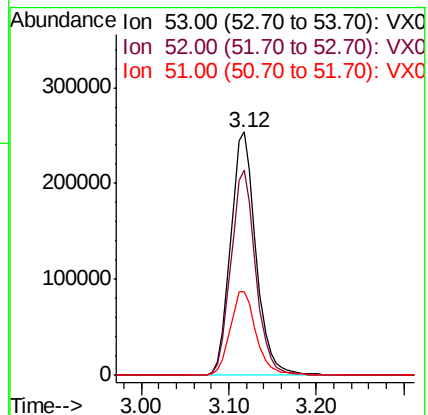
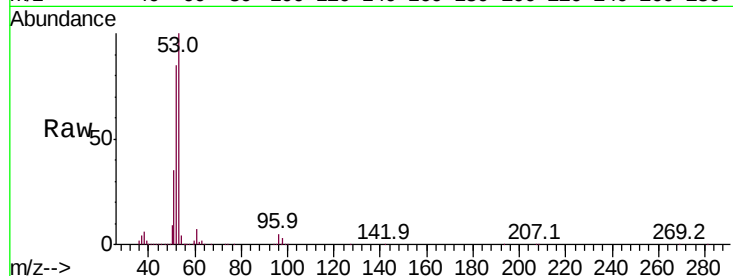
Tot Ion: 53 Resp: 511644

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 35.6 28.6 43.0



#16

Acetone

Concen: 265.435 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016499.D

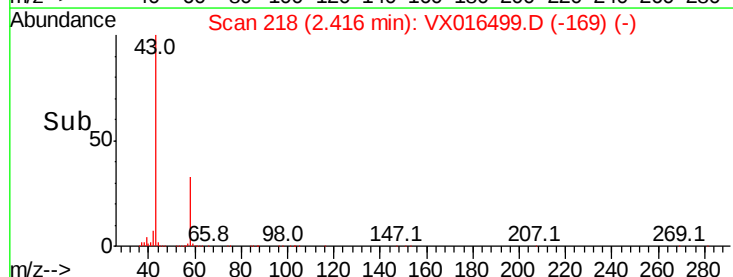
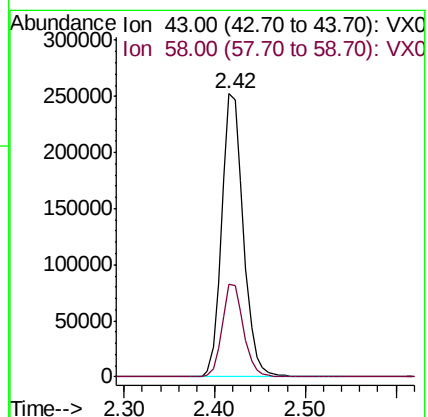
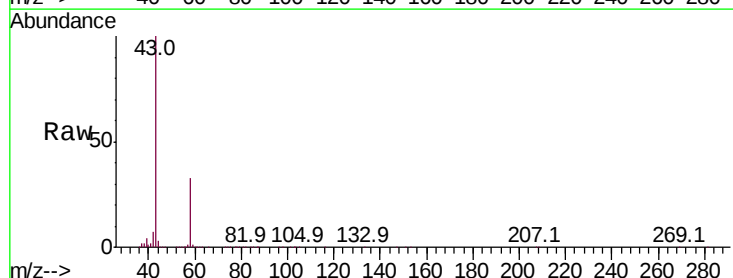
Acq: 28 May 2020 20:27

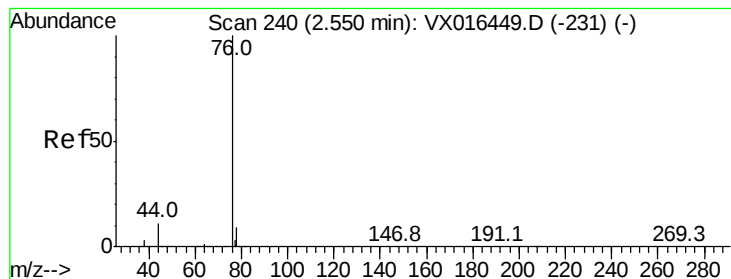
Tgt Ion: 43 Resp: 421531

Ion Ratio Lower Upper

43 100

58 32.6 26.1 39.1





#17

Carbon Disulfide

Concen: 50.990 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

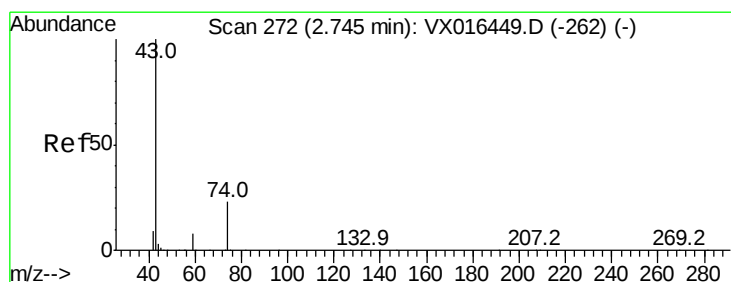
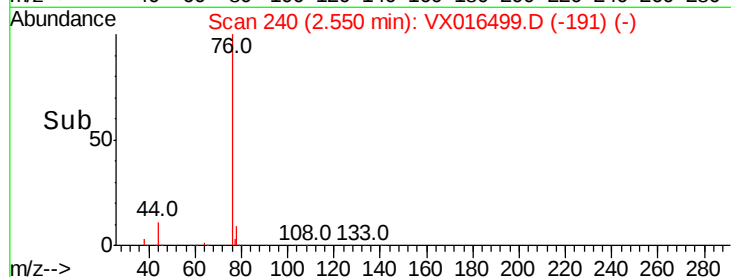
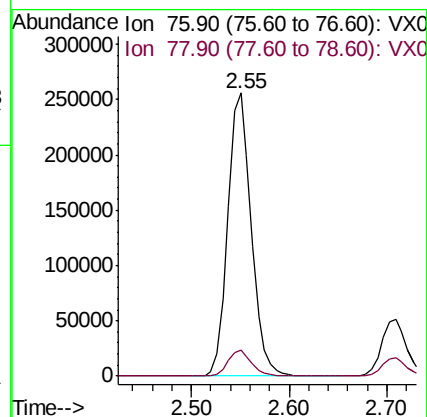
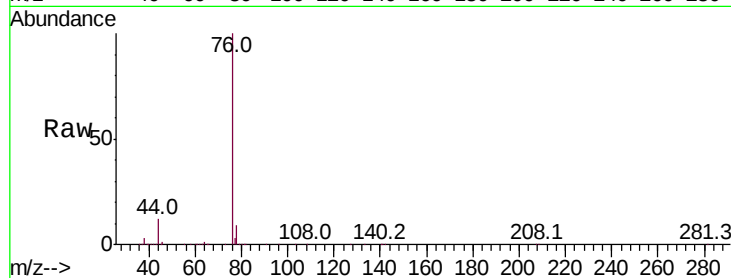
VSTDCCC050EC

Tot Ion: 76 Resp: 425263

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 53.904 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016499.D

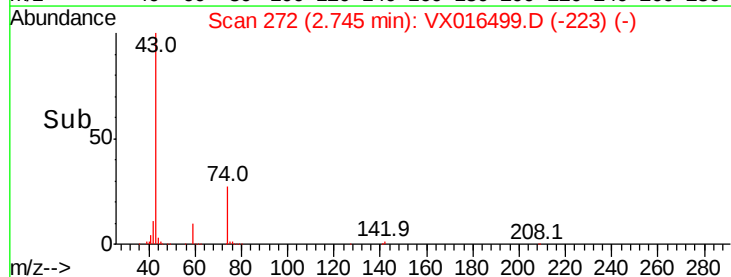
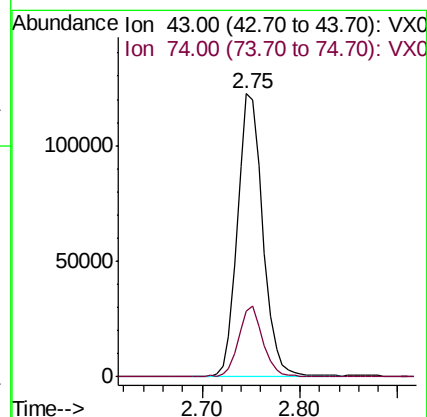
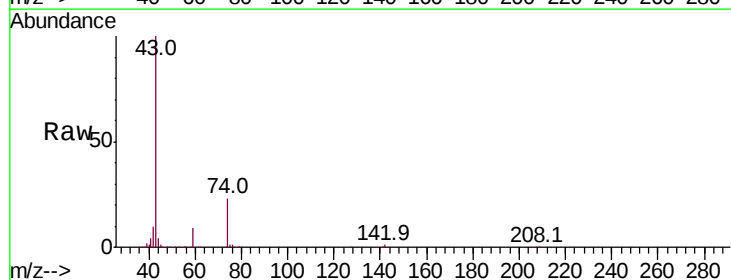
Acq: 28 May 2020 20:27

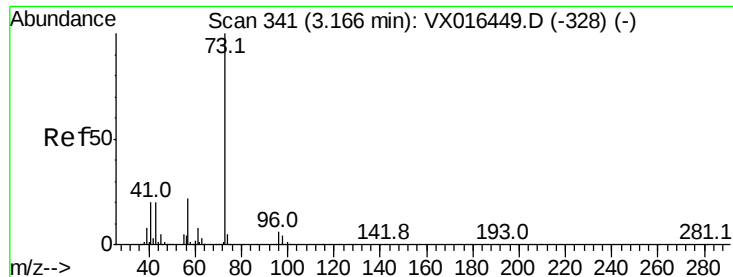
Tgt Ion: 43 Resp: 219556

Ion Ratio Lower Upper

43 100

74 24.4 19.7 29.5



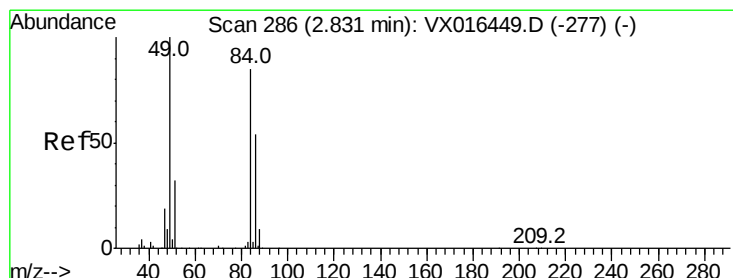
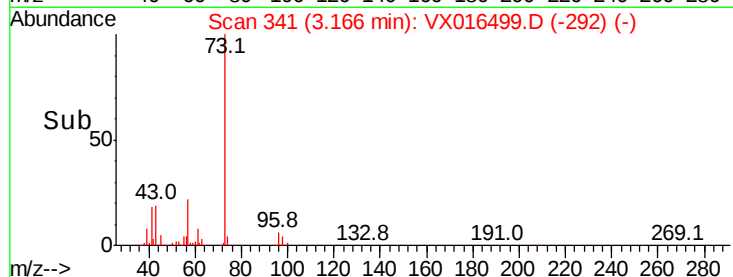
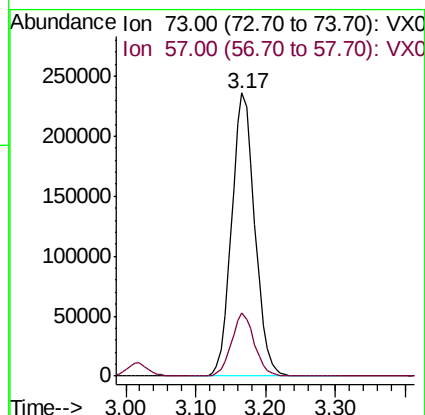
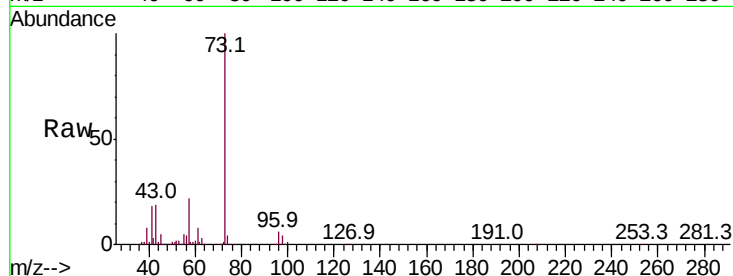


#19

Methyl tert-butyl Ether
 Concen: 53.623 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

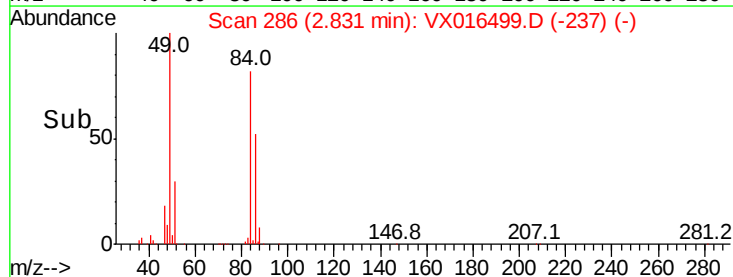
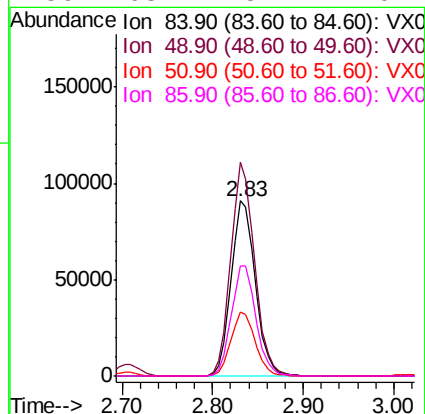
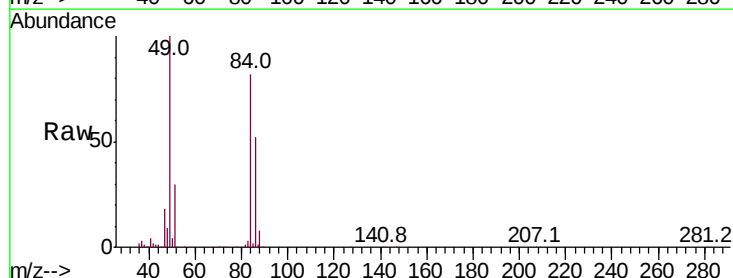
Tot Ion: 73 Resp: 540780
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

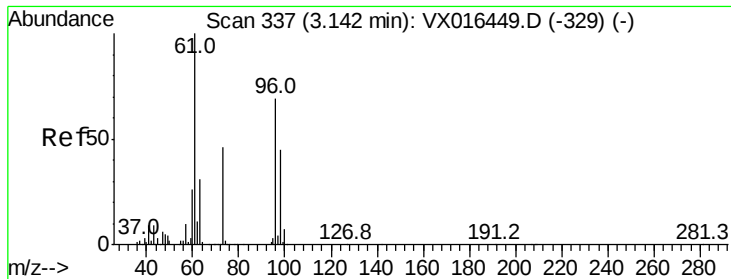


#20

Methylene Chloride
 Concen: 51.301 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion: 84 Resp: 168559
 Ion Ratio Lower Upper
 84 100
 49 122.0 94.5 141.7
 51 36.8 30.2 45.4
 86 63.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 52.463 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

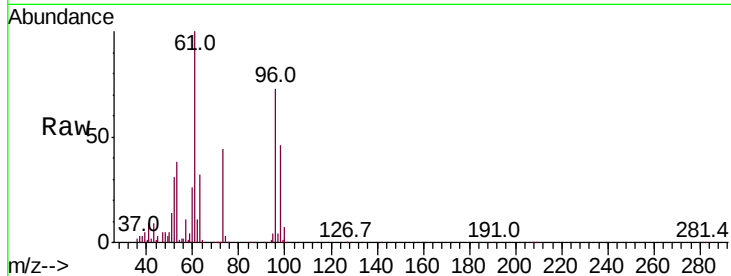
Tot Ion: 96 Resp: 162977

Ion Ratio Lower Upper

96 100

61 137.7 115.3 172.9

98 63.8 51.9 77.9

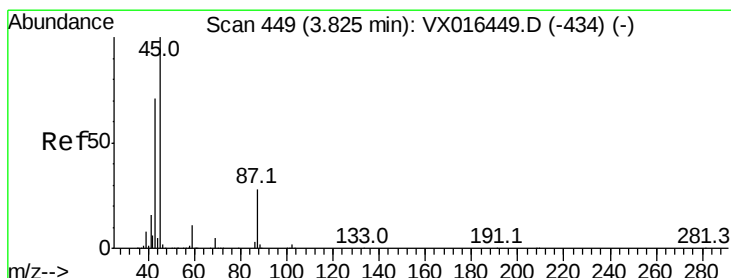
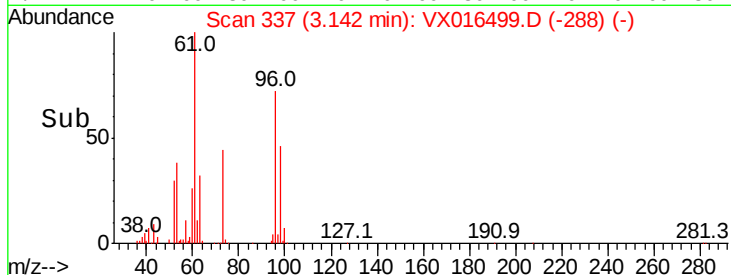
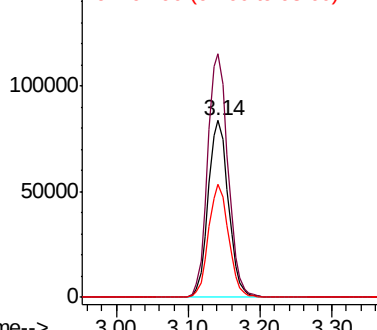


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.118 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion: 45 Resp: 527044

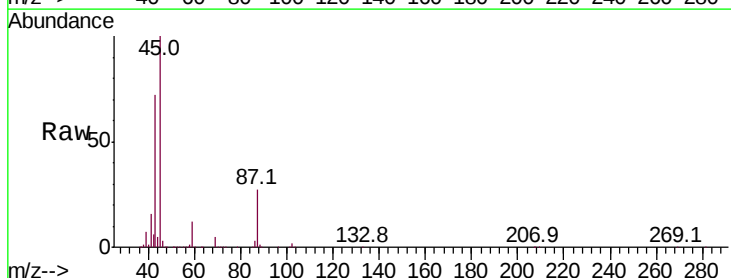
Ion Ratio Lower Upper

45 100

43 72.4 57.0 85.6

87 27.3 22.5 33.7

59 12.0 9.1 13.7



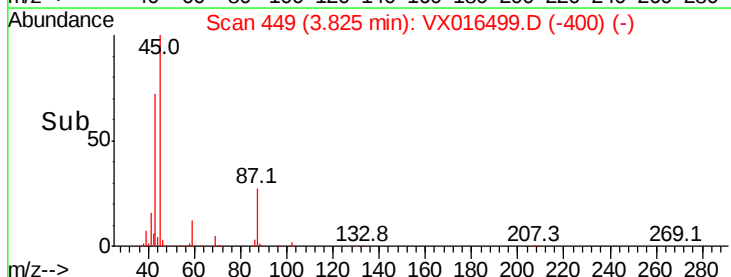
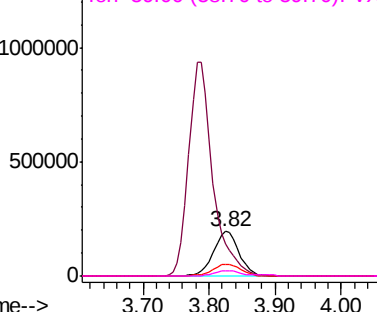
Abundance

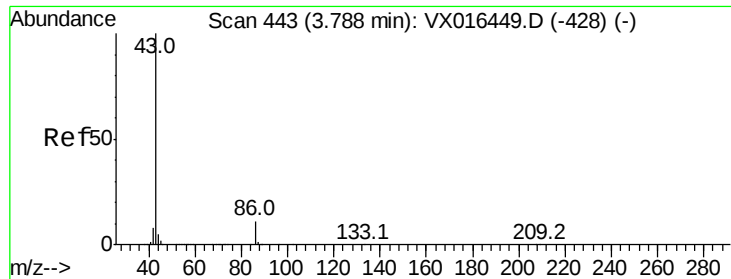
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 273.966 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

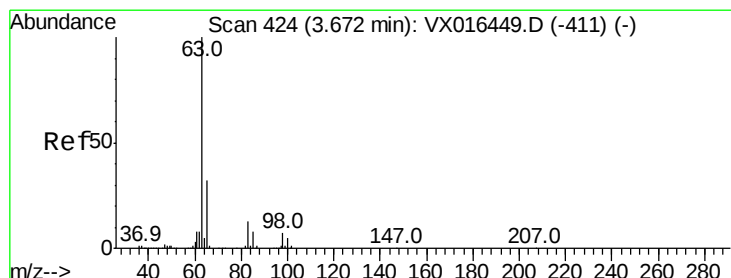
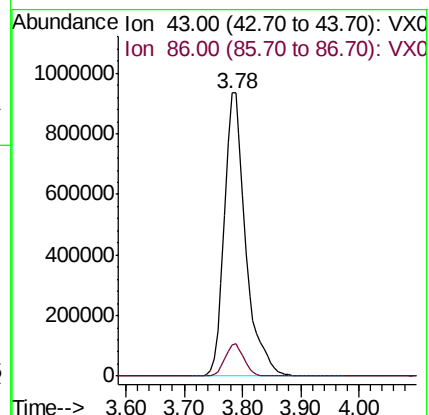
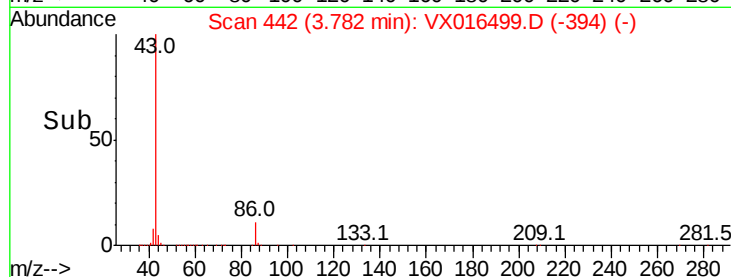
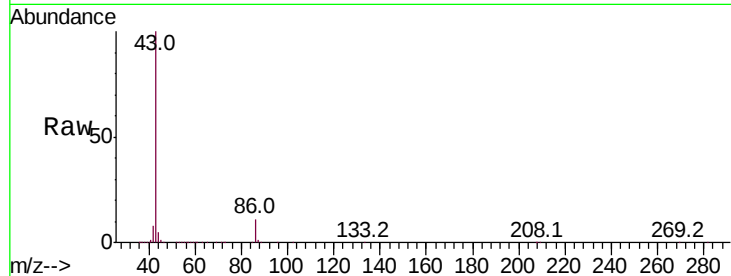
VSTDCCC050EC

Tot Ion: 43 Resp: 2379348

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.904 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

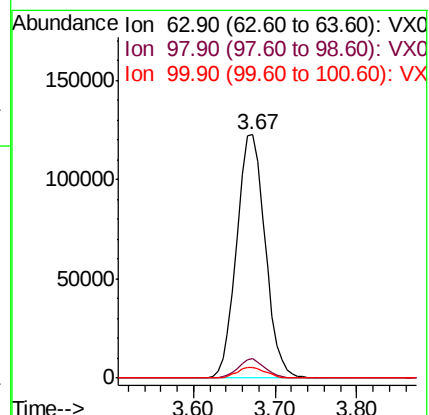
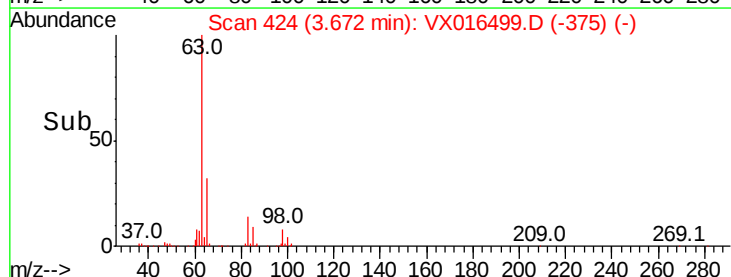
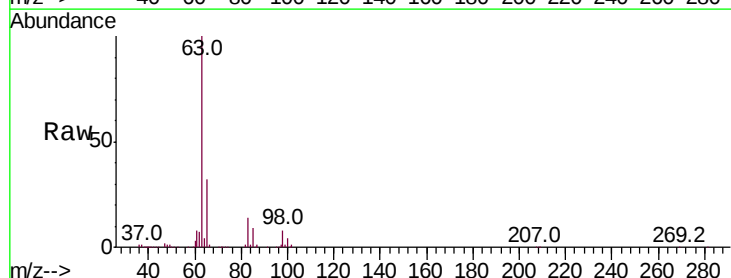
Tgt Ion: 63 Resp: 296272

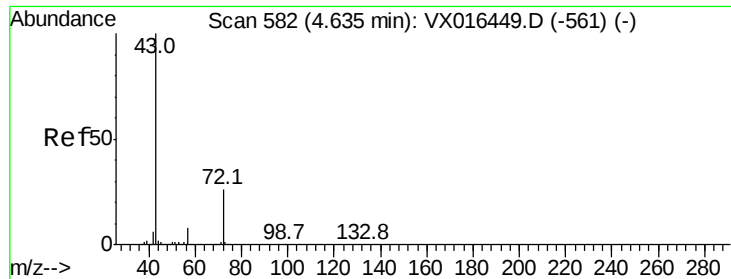
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 268.279 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

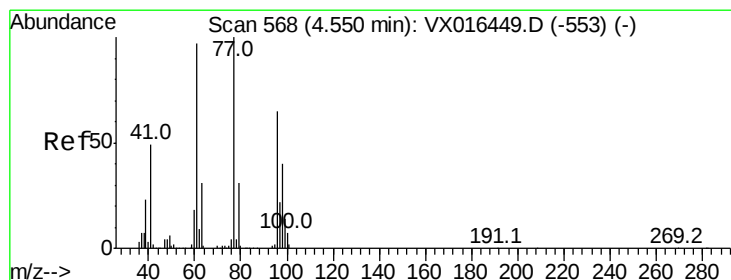
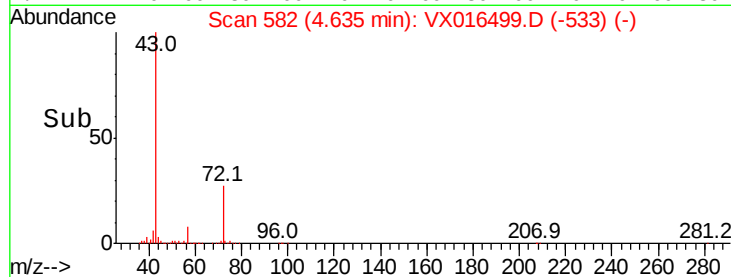
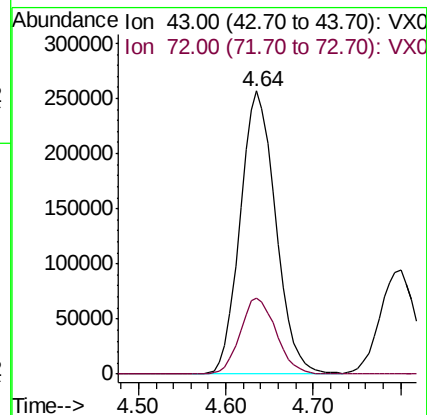
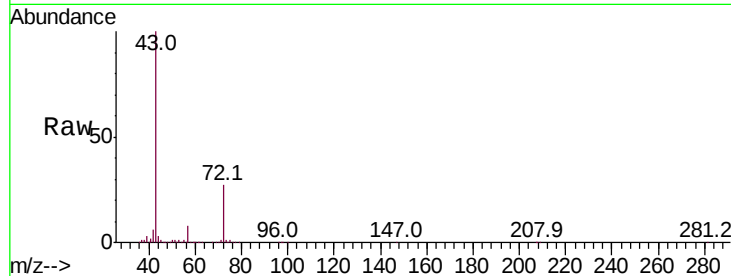
VSTDCCC050EC

Tot Ion: 43 Resp: 721923

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 46.439 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016499.D

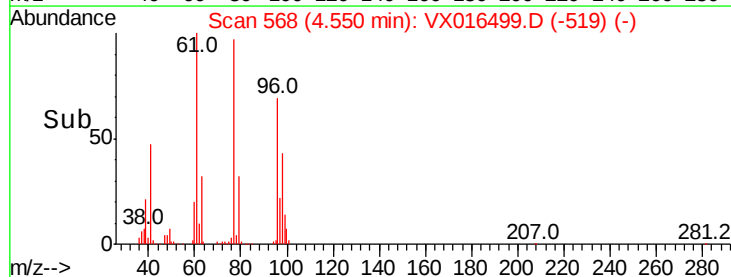
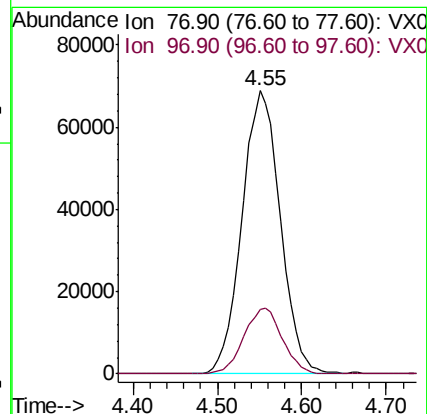
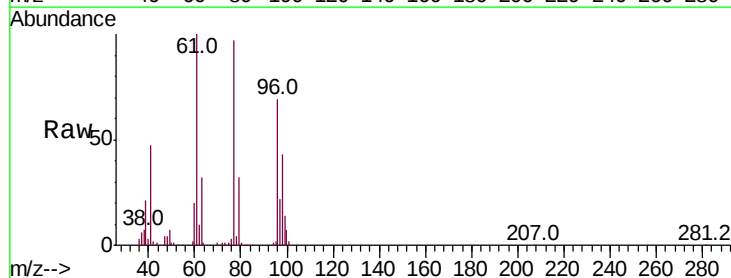
Acq: 28 May 2020 20:27

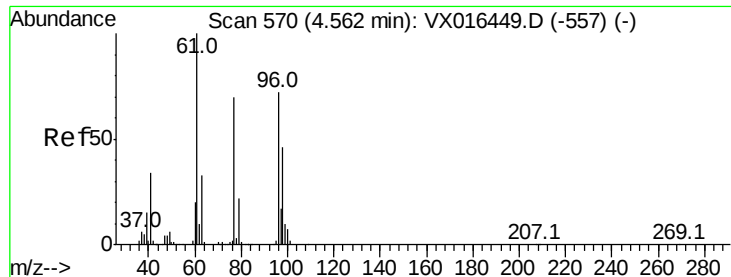
Tgt Ion: 77 Resp: 212809

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



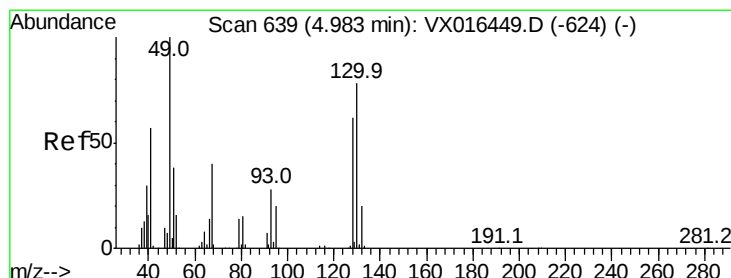
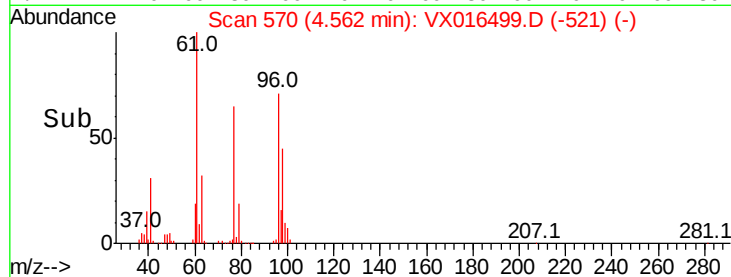
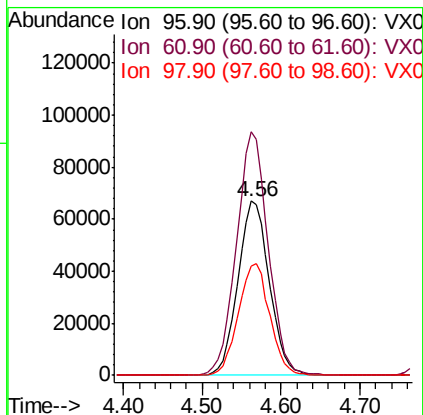
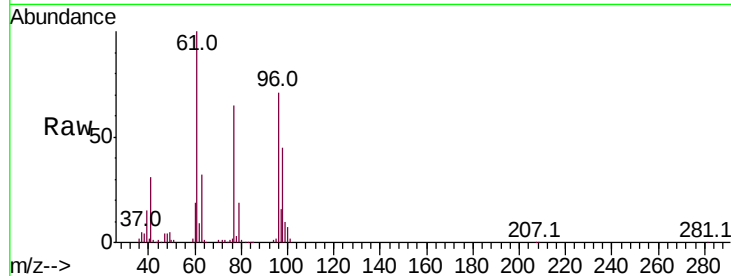


#27

cis-1,2-Dichloroethene
 Concen: 51.663 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

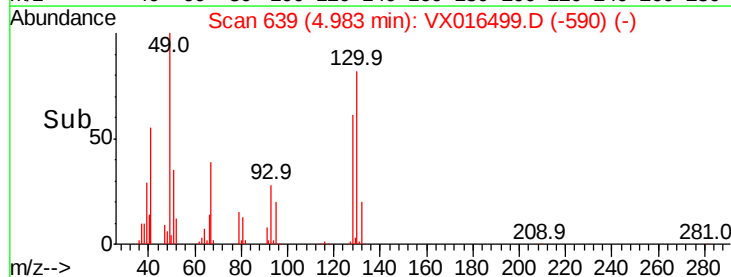
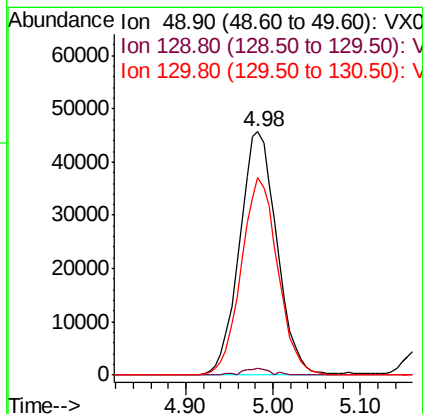
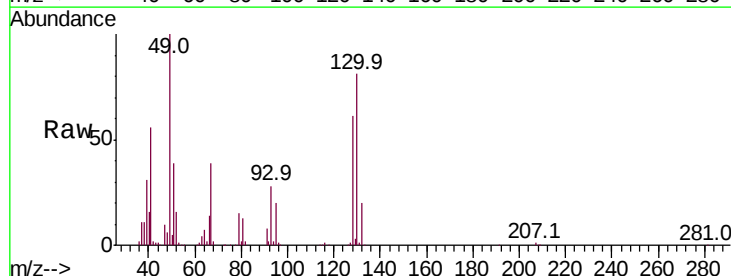
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	284.6
98	63.9	0.0	127.2

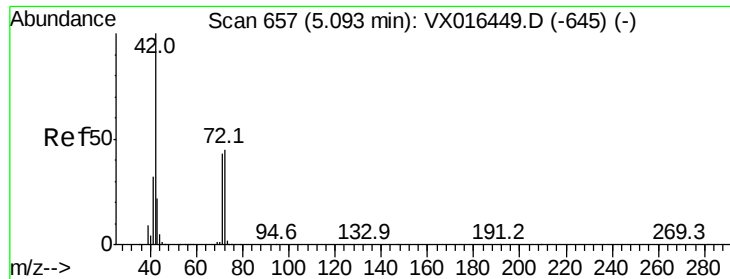


#28

Bromochloromethane
 Concen: 52.118 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.3	63.0	94.4

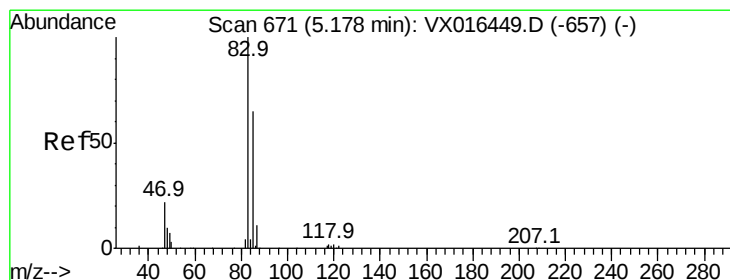
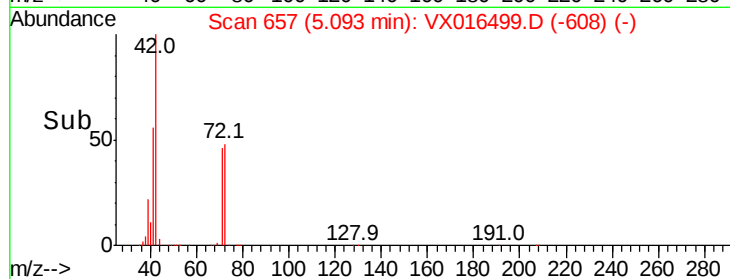
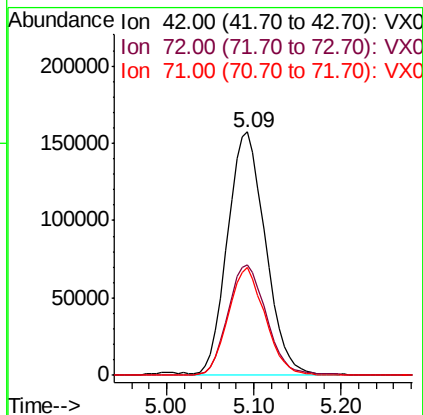
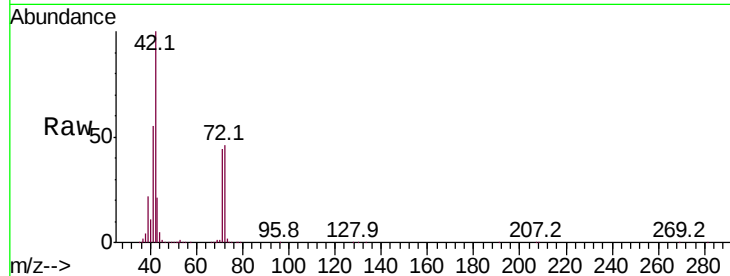




#29
Tetrahydrofuran
Concen: 271.946 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

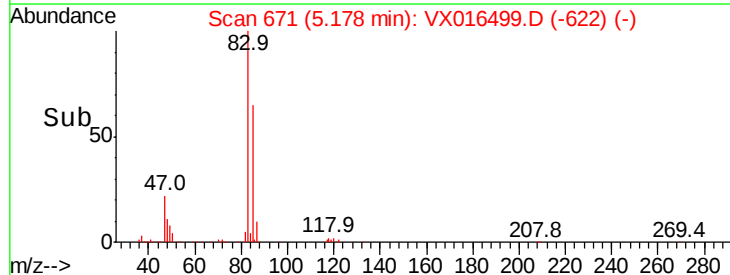
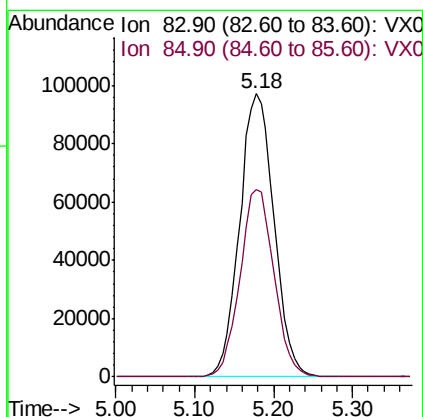
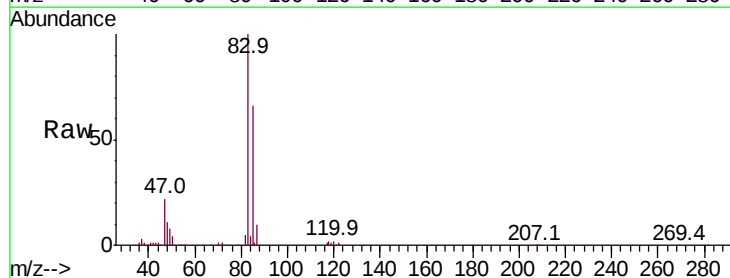
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

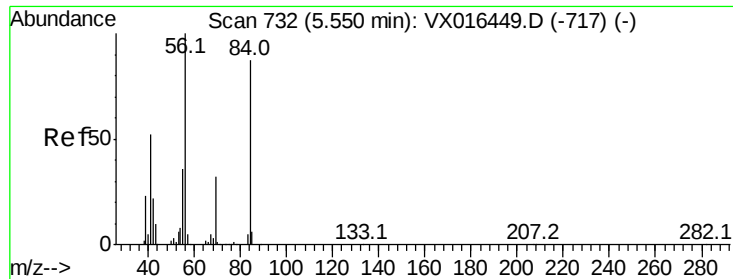
Tot Ion: 42 Resp: 472771
Ion Ratio Lower Upper
42 100
72 46.6 37.0 55.4
71 43.3 34.1 51.1



#30
Chloroform
Concen: 52.181 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 83 Resp: 294444
Ion Ratio Lower Upper
83 100
85 66.3 52.0 78.0

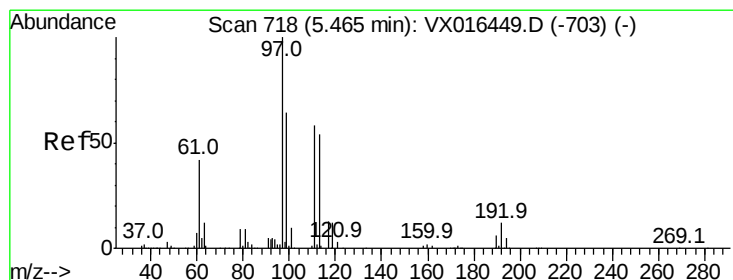
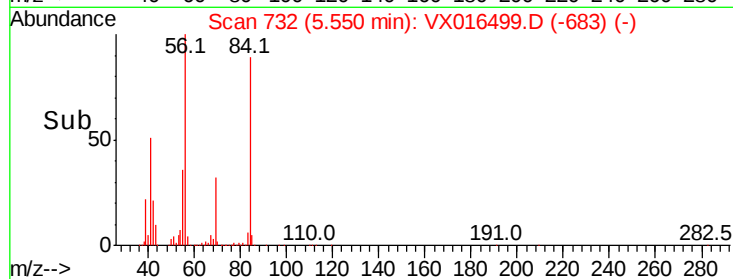
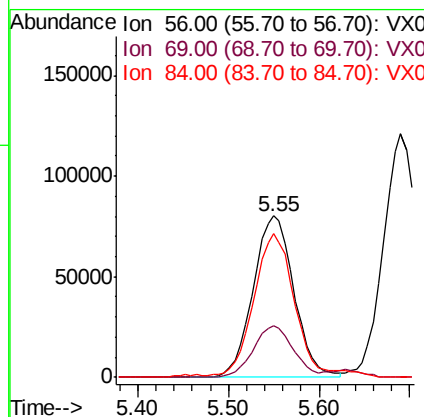
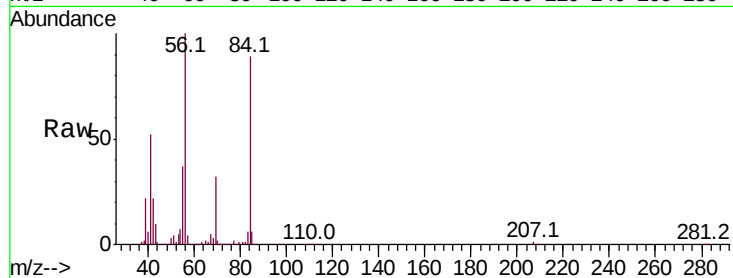




#31
Cyclohexane
Concen: 49.482 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

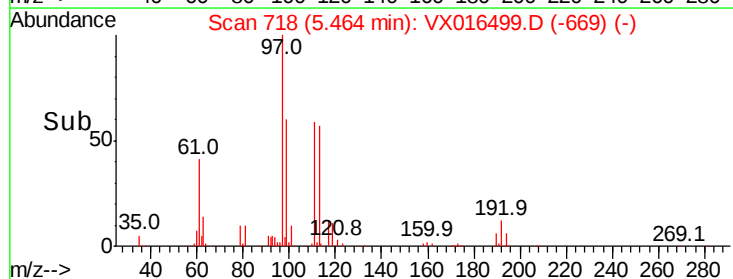
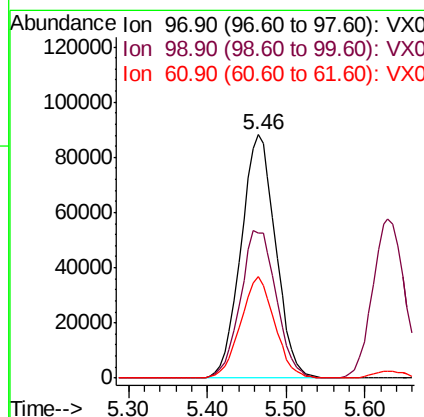
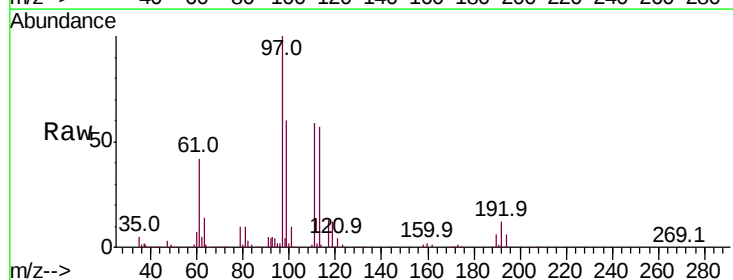
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

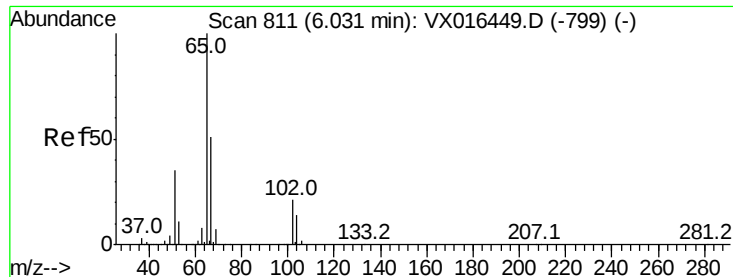
Tot Ion: 56 Resp: 249298
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 88.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.605 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 97 Resp: 268740
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.2
61 41.0 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 50.764 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

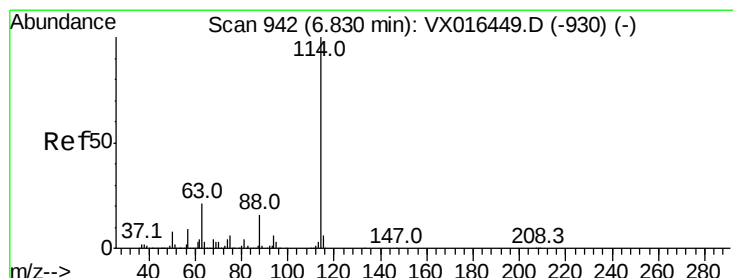
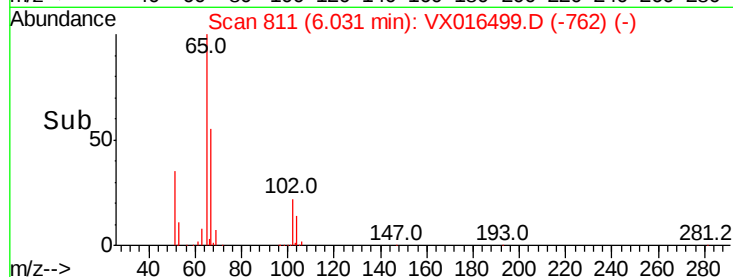
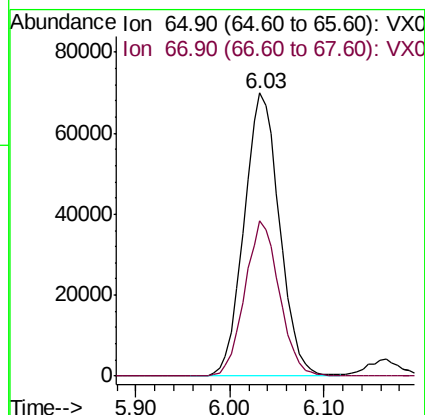
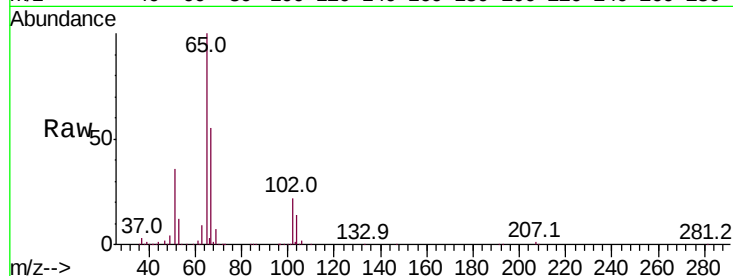
VSTDCCC050EC

Tot Ion: 65 Resp: 184006

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

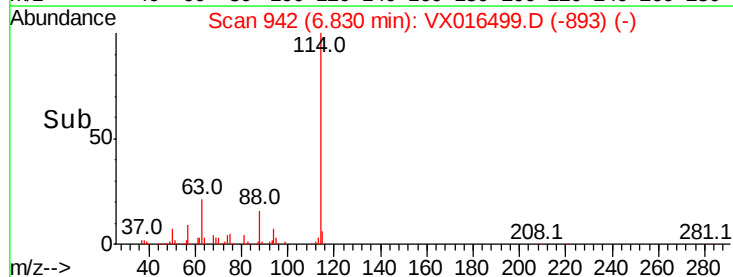
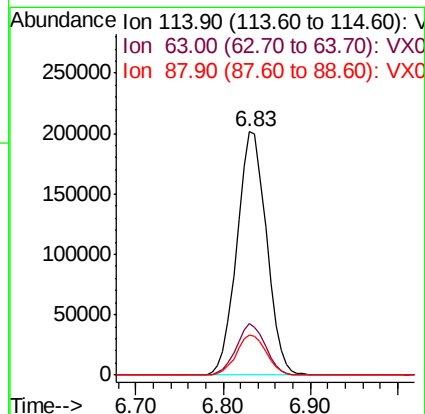
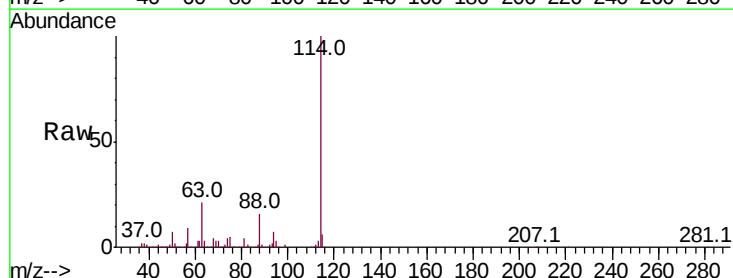
Tgt Ion: 114 Resp: 476451

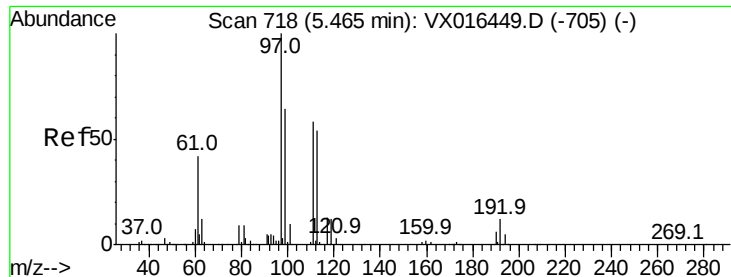
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.4 0.0 32.8

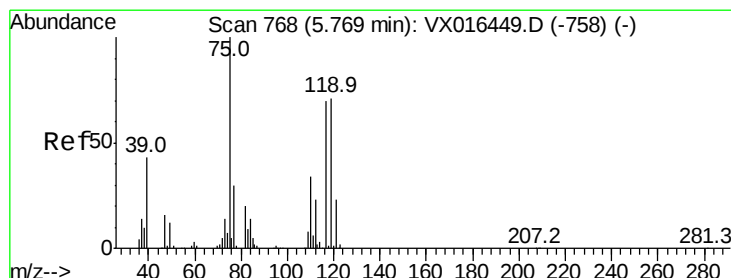
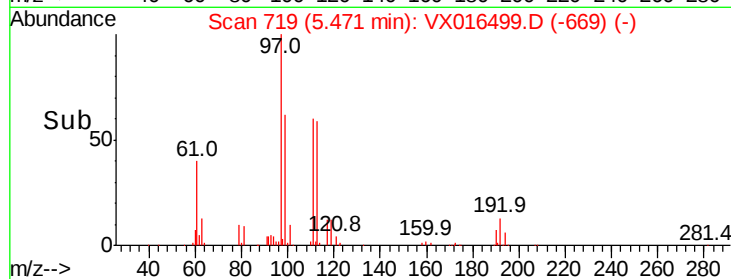
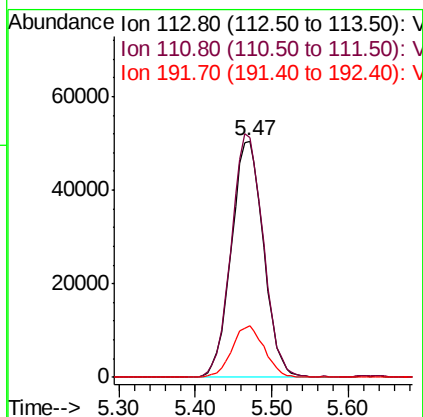
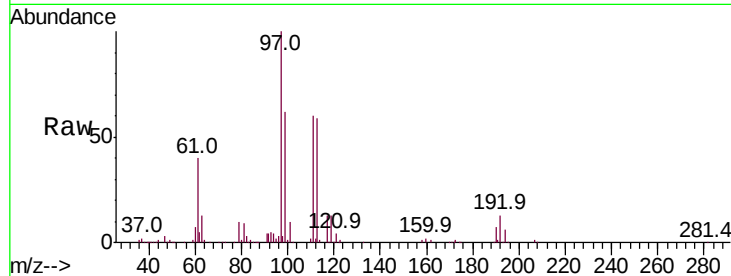




#35
 Dibromofluoromethane
 Concen: 50.105 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

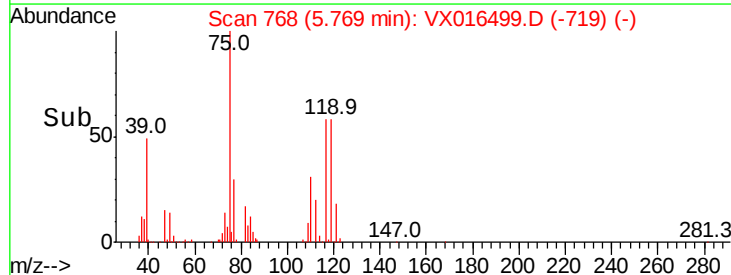
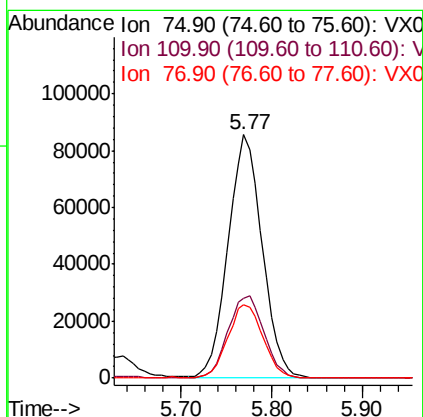
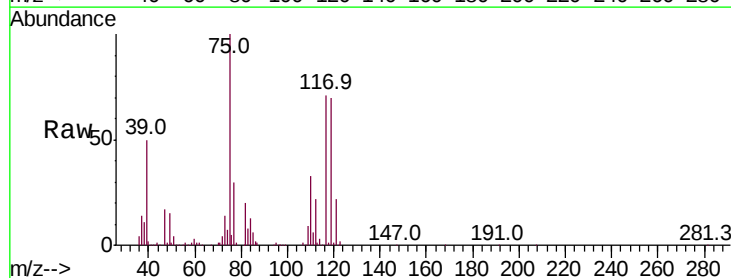
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

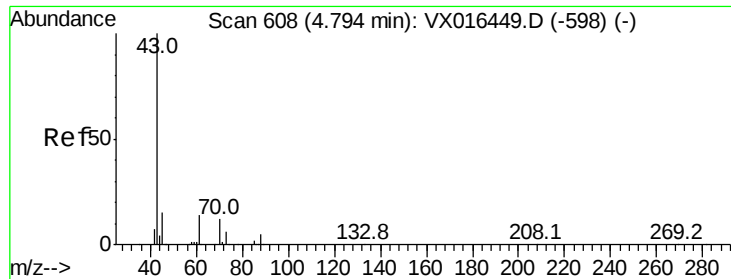
Tot Ion:113 Resp: 146994
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.6
 192 21.8 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 49.455 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion: 75 Resp: 223098
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.4 52.3
 77 31.0 24.2 36.4





#37

Ethyl Acetate

Concen: 50.647 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

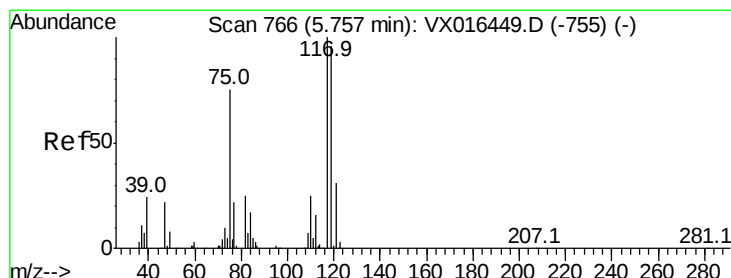
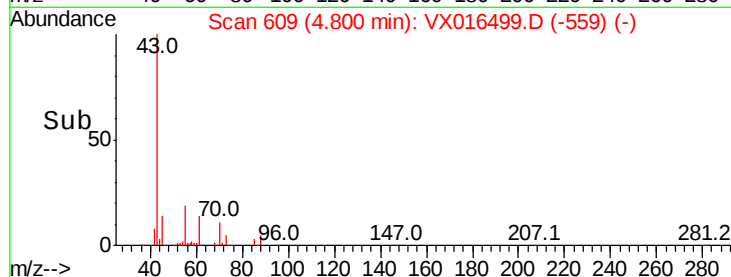
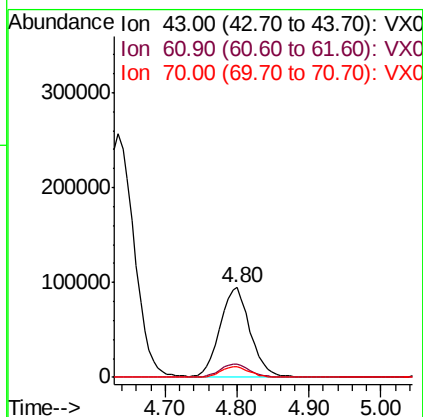
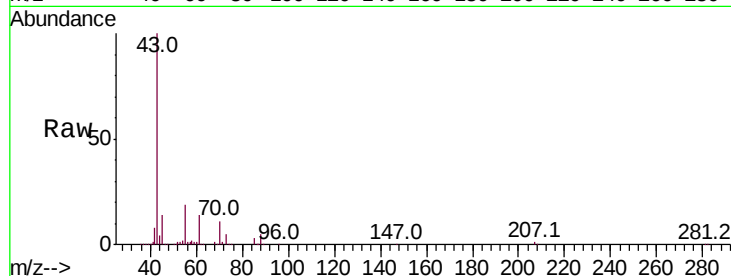
Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 274302

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.6	9.3	13.9



#38

Carbon Tetrachloride

Concen: 48.882 ug/l

RT: 5.76 min Scan# 766

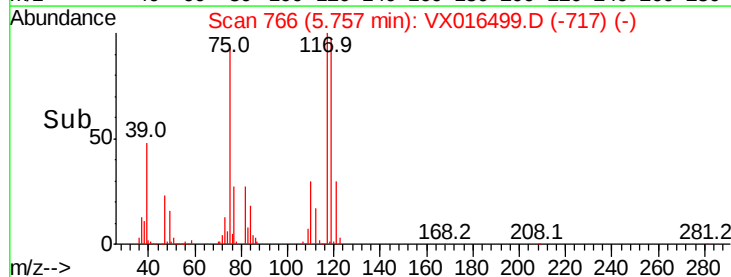
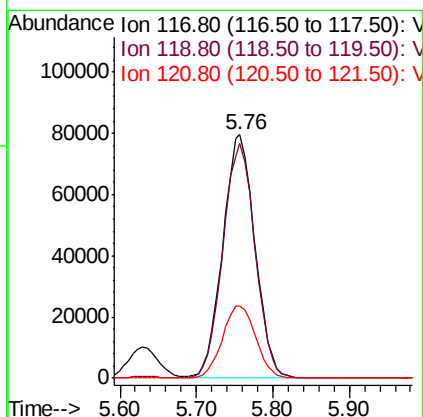
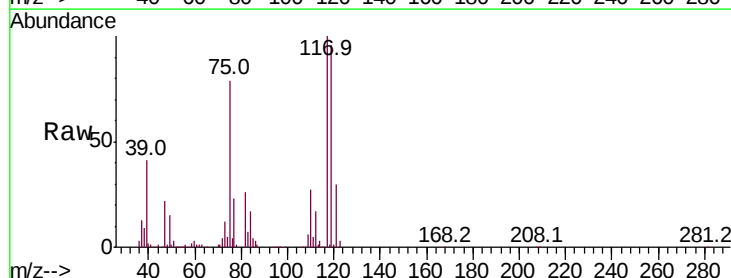
Delta R.T. -0.00 min

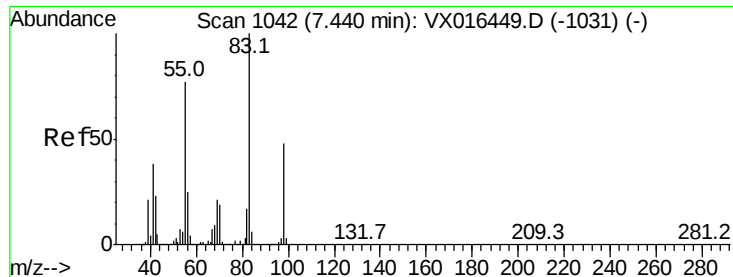
Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion: 117 Resp: 231732

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	29.6	24.6	37.0

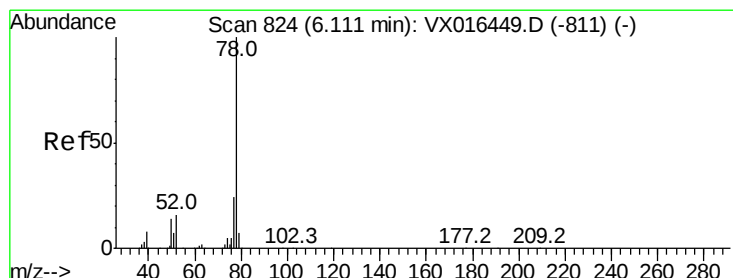
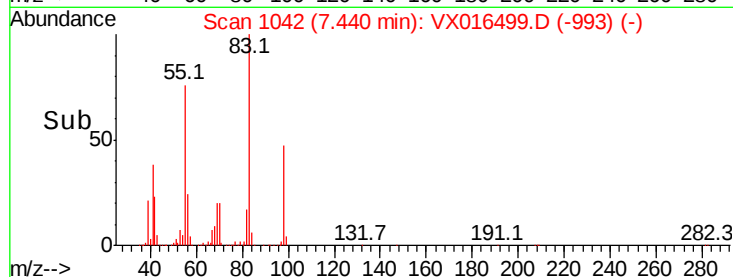
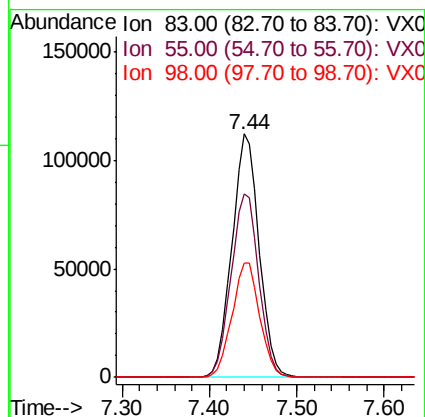
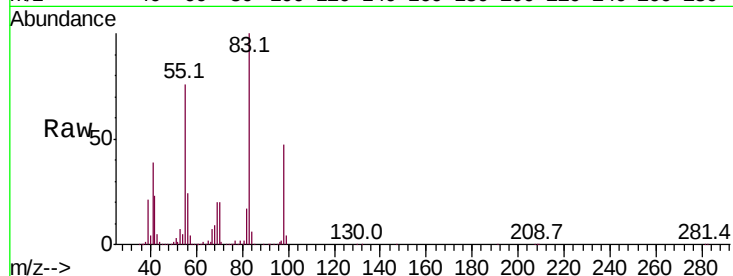




#39
Methvlcvclohexane
Concen: 49.573 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

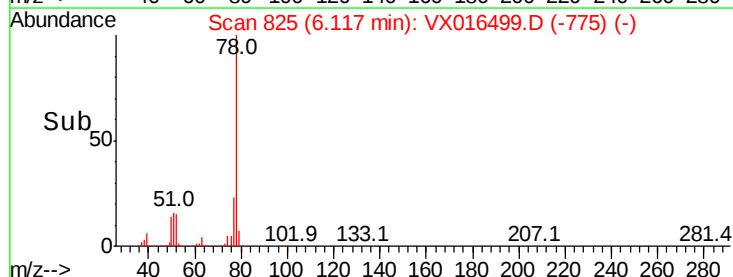
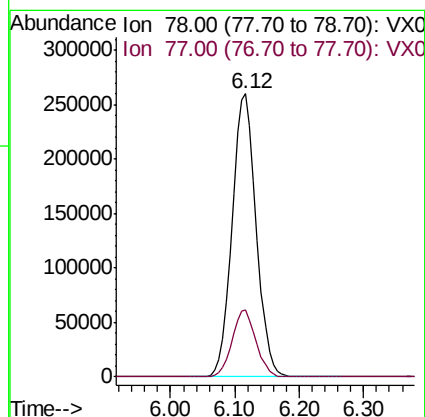
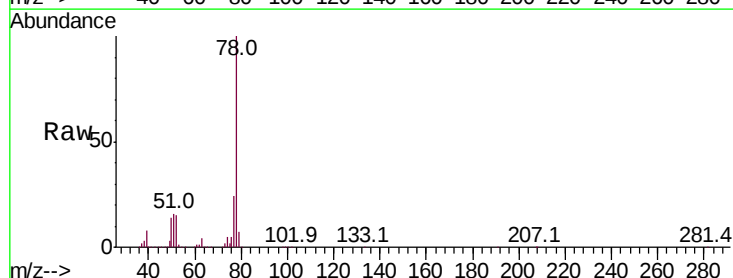
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

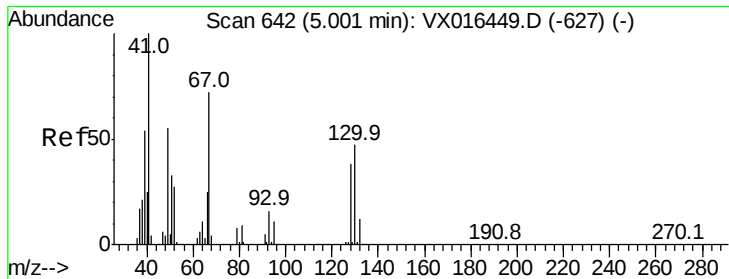
Tot Ion	83	Resp	242899
Ion Ratio	100		
Lower	61.7		
Upper	92.5		
83	75.5		
55	47.0		
98	38.7		



#40
Benzene
Concen: 50.495 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	78	Resp	678337
Ion Ratio	100		
Lower	18.9		
Upper	28.3		
78	23.7		
77			





#41

Methacrylonitrile

Concen: 49.777 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 148081

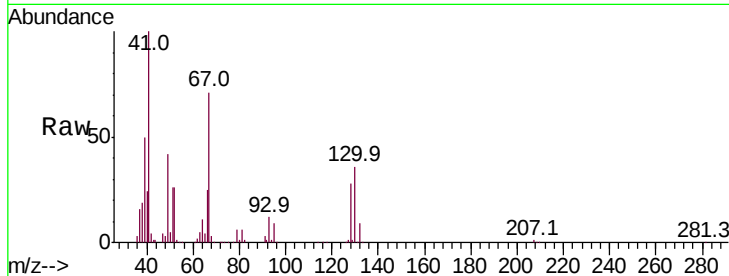
Ion Ratio Lower Upper

41 100

39 53.7 43.0 64.4

67 73.8 58.9 88.3

52 28.9 23.1 34.7

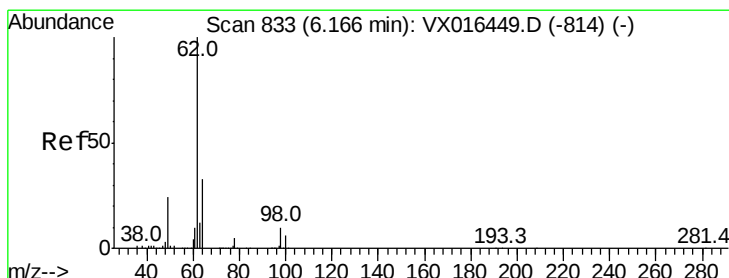
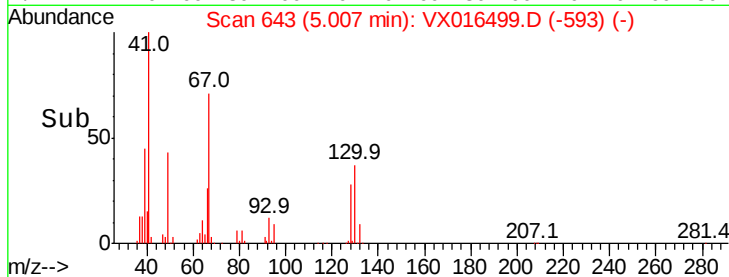
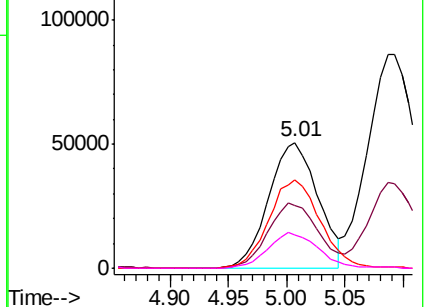


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.437 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016499.D

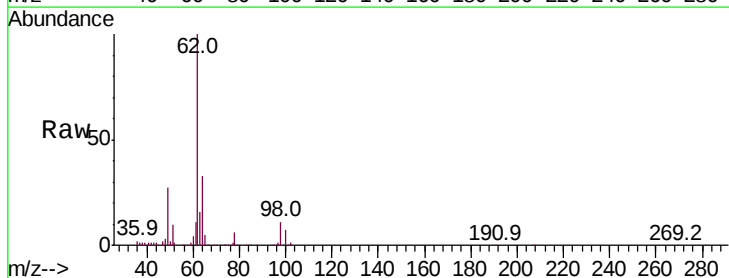
Acq: 28 May 2020 20:27

Tgt Ion: 62 Resp: 236182

Ion Ratio Lower Upper

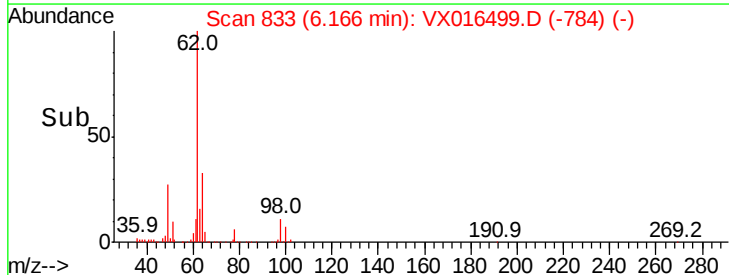
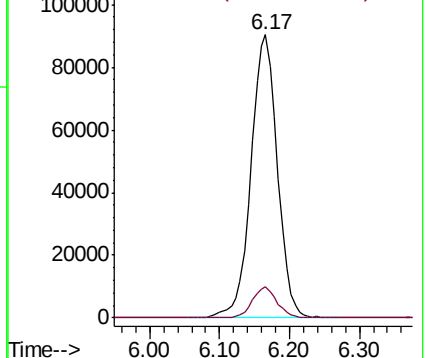
62 100

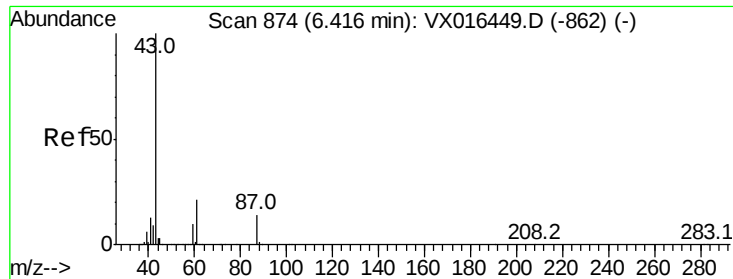
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.243 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

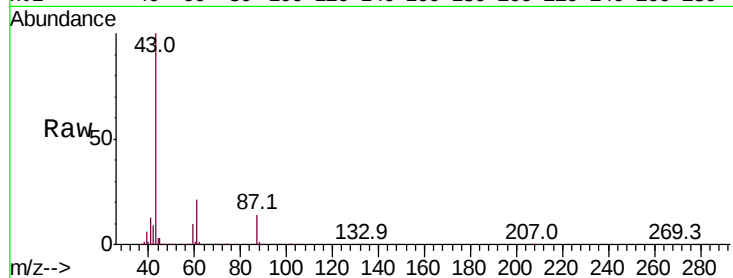
Tot Ion: 43 Resp: 432898

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

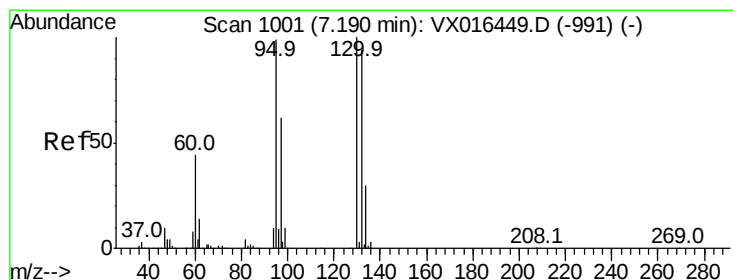
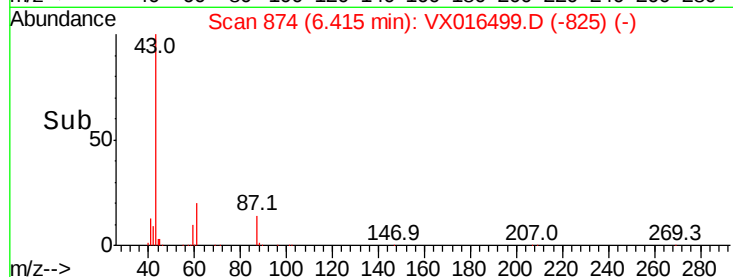
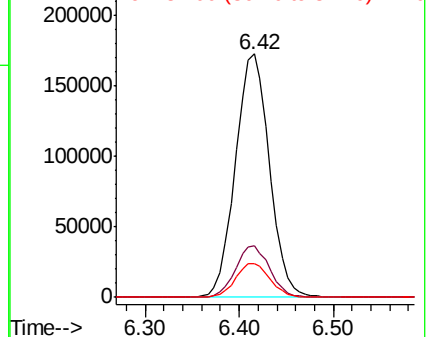
87 14.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.967 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016499.D

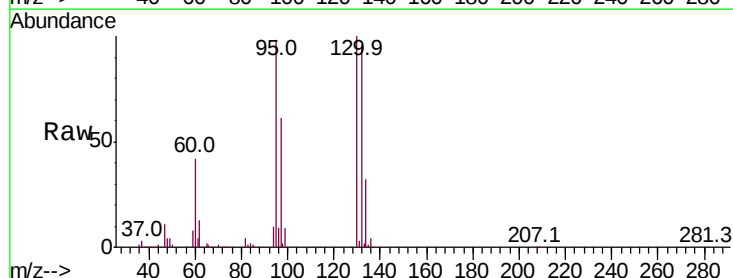
Acq: 28 May 2020 20:27

Tgt Ion:130 Resp: 204446

Ion Ratio Lower Upper

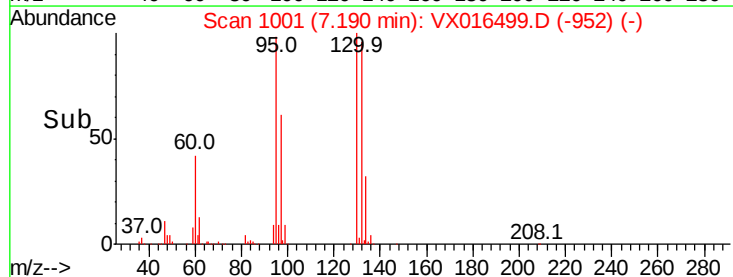
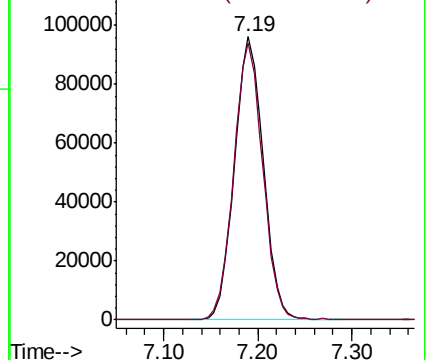
130 100

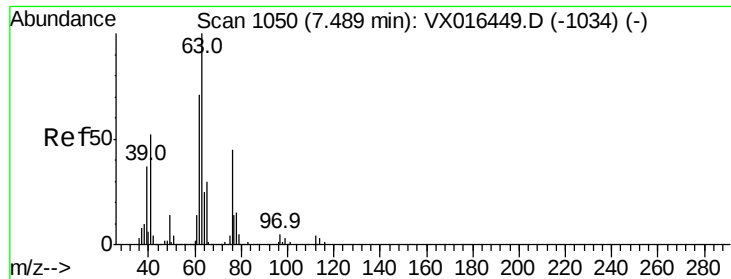
95 98.0 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.198 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

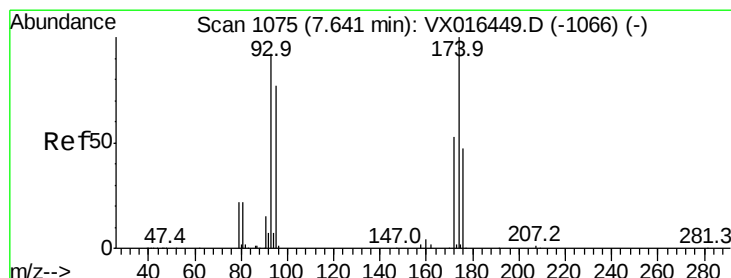
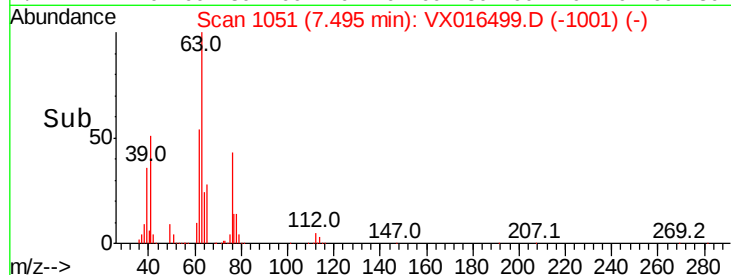
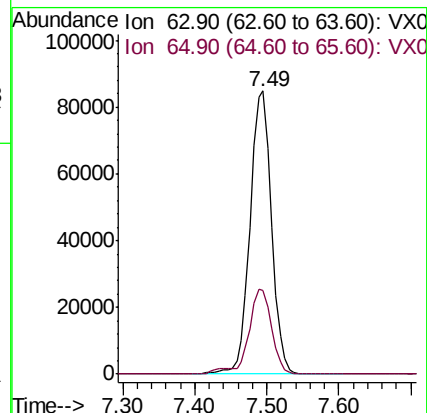
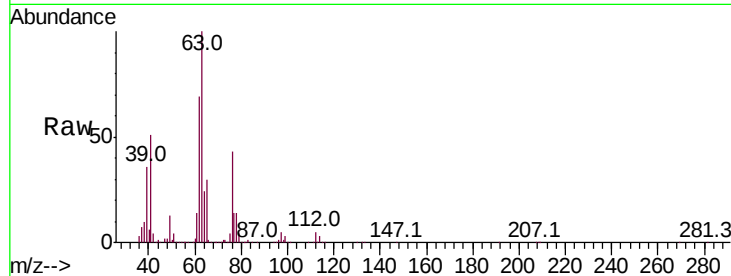
VSTDCCC050EC

Tot Ion: 63 Resp: 175094

Ion Ratio Lower Upper

63 100

65 29.8 24.2 36.2



#46

Dibromomethane

Concen: 50.056 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

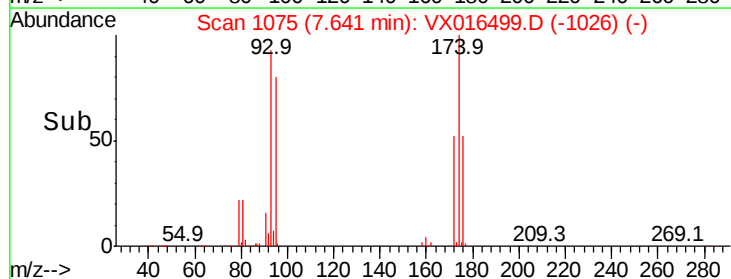
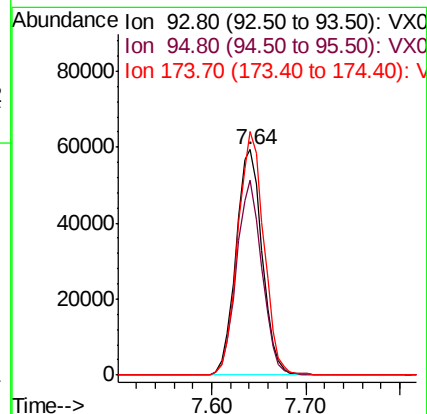
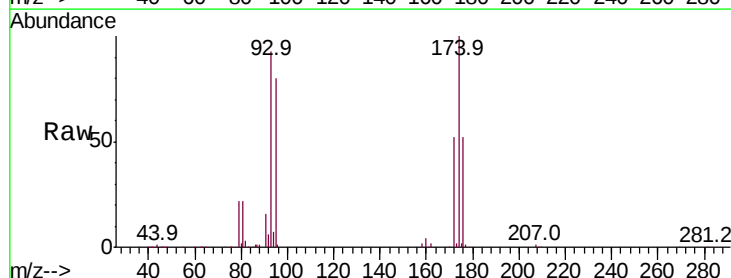
Tgt Ion: 93 Resp: 114983

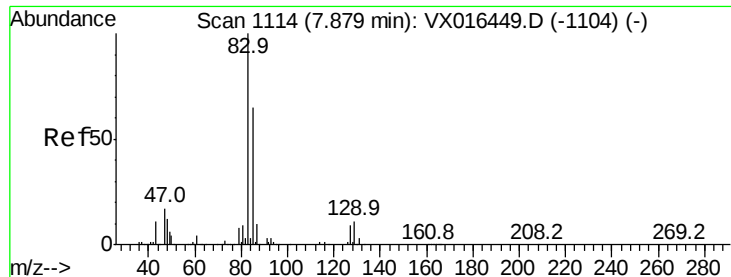
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 107.7 86.2 129.4





#47

Bromodichloromethane

Concen: 50.454 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

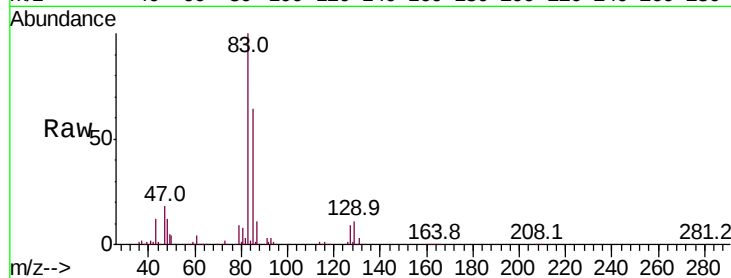
Tot Ion: 83 Resp: 239975

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

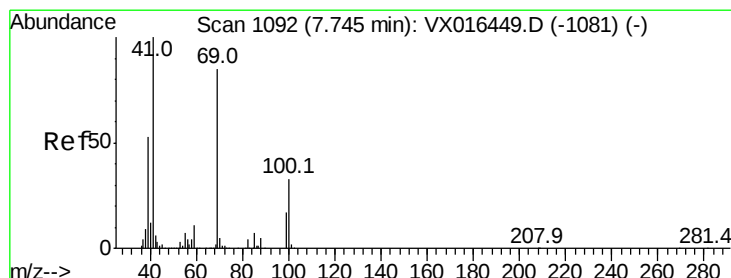
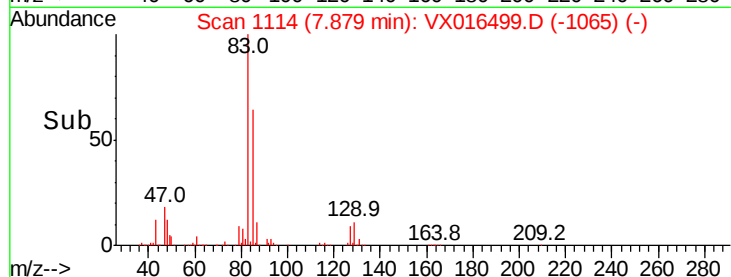
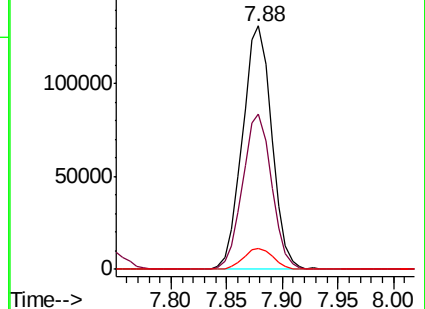
127 8.7 7.4 11.0



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: 51.523 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

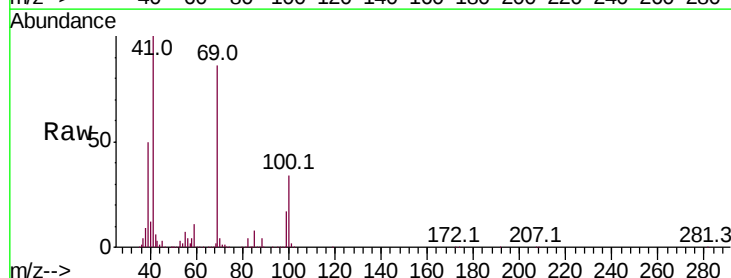
Tgt Ion: 41 Resp: 208402

Ion Ratio Lower Upper

41 100

69 87.1 68.6 102.8

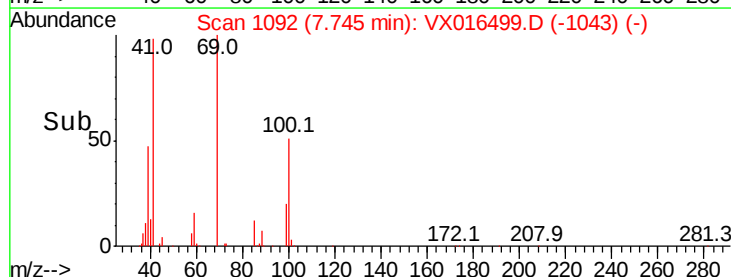
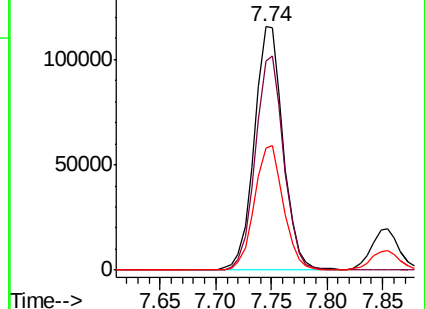
39 51.4 42.4 63.6

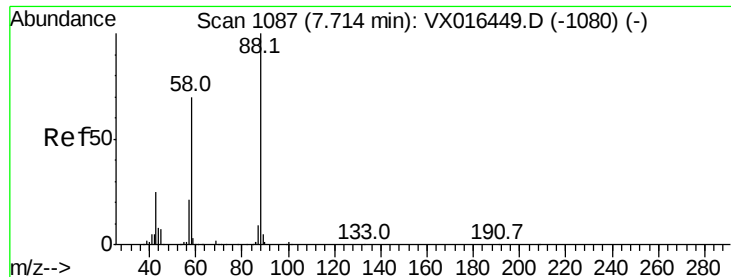


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 945.068 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

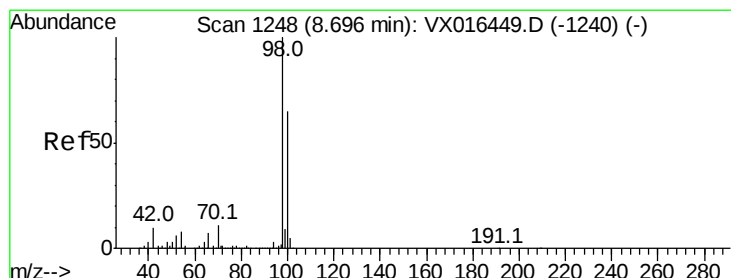
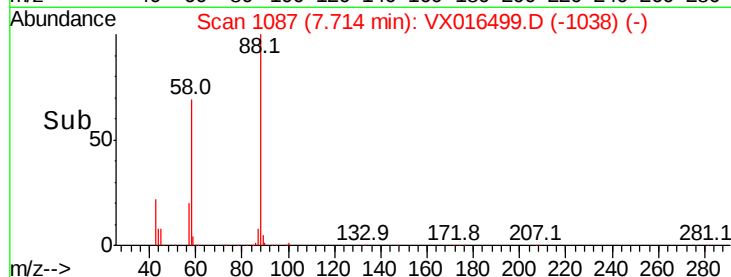
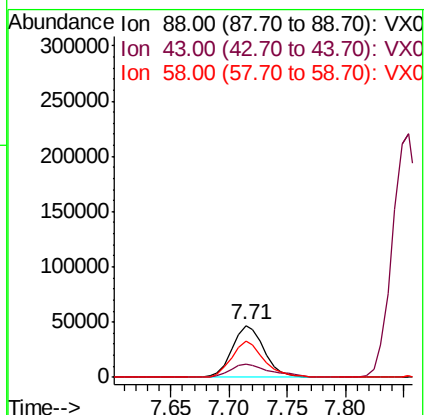
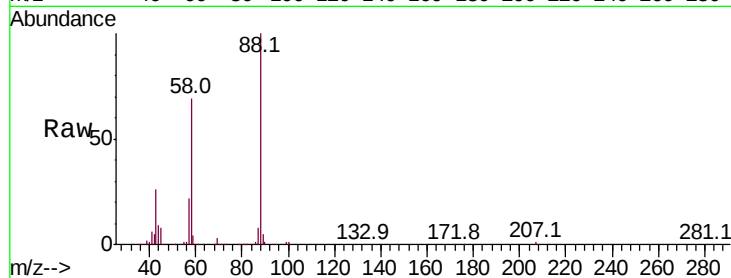
Tot Ion: 88 Resp: 89460

Ion Ratio Lower Upper

88 100

43 31.4 24.2 36.4

58 70.6 56.5 84.7



#50

Toluene-d8

Concen: 50.218 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016499.D

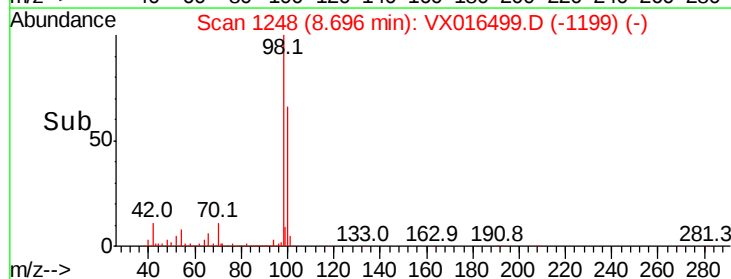
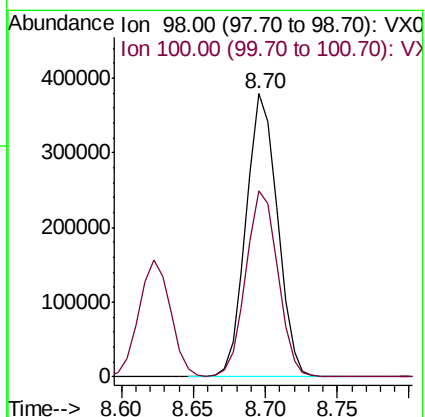
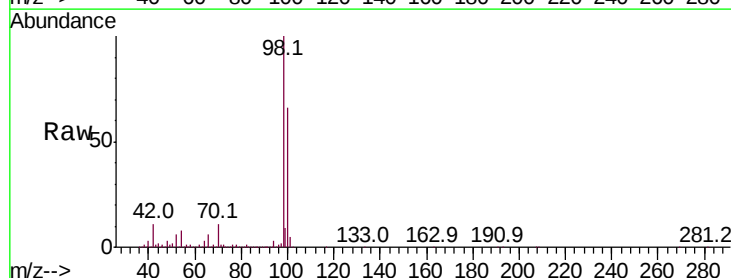
Acq: 28 May 2020 20:27

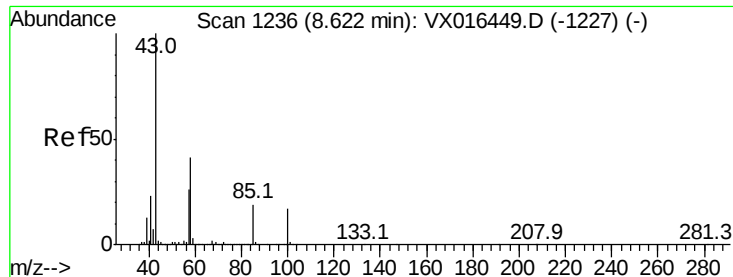
Tgt Ion: 98 Resp: 573424

Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.6

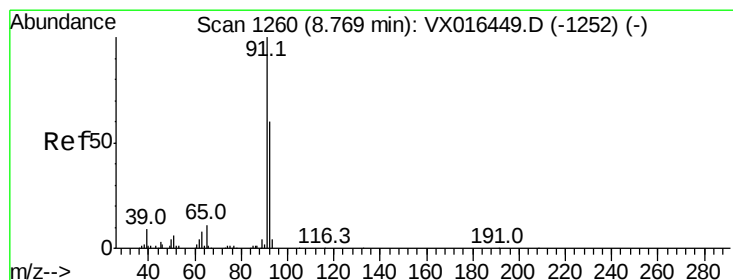
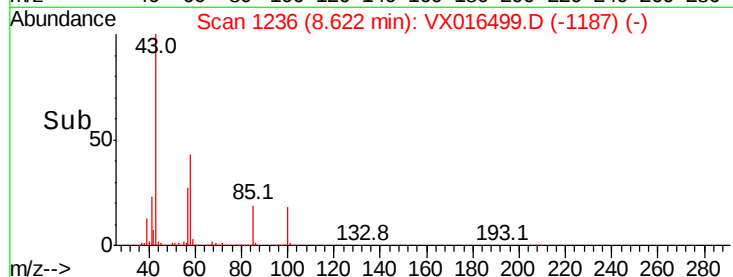
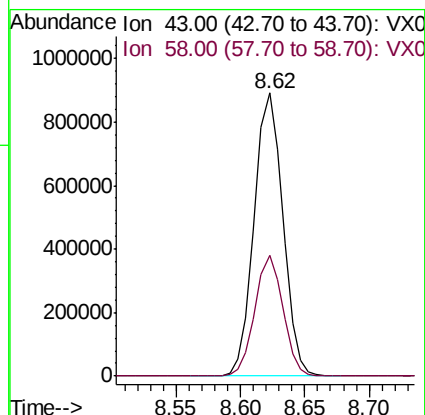
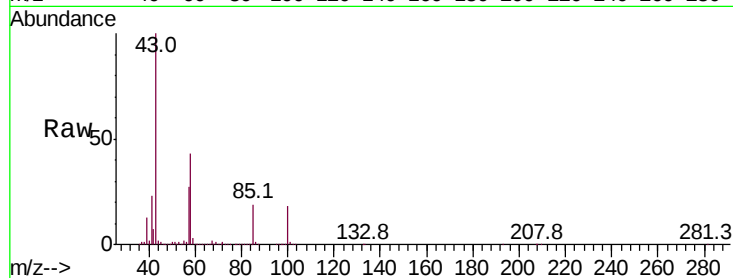




#51
4-Methyl-2-Pentanone
Concen: 260.918 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

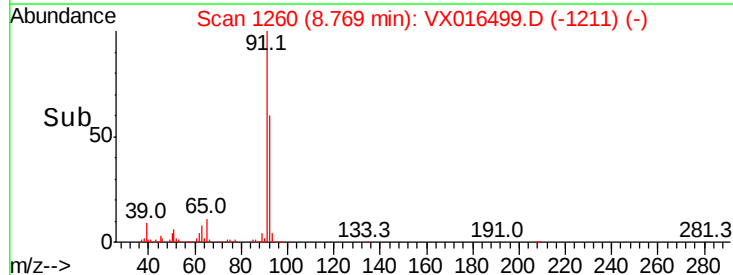
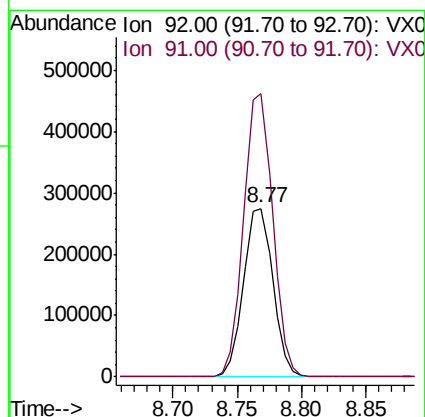
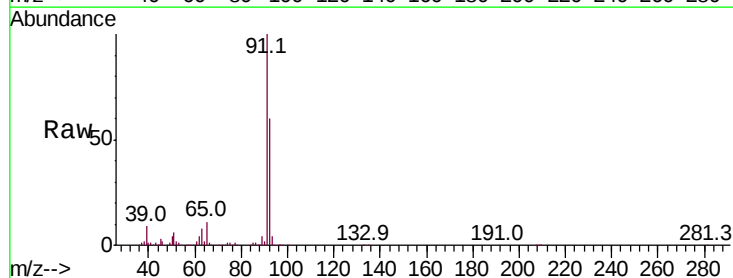
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

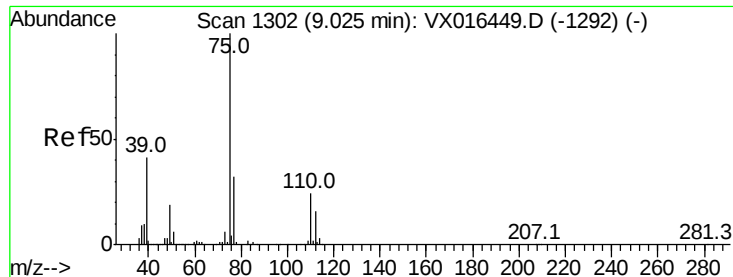
Tot Ion: 43 Resp: 1372473
Ion Ratio Lower Upper
43 100
58 41.7 33.0 49.6



#52
Toluene
Concen: 51.107 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 92 Resp: 432945
Ion Ratio Lower Upper
92 100
91 166.7 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

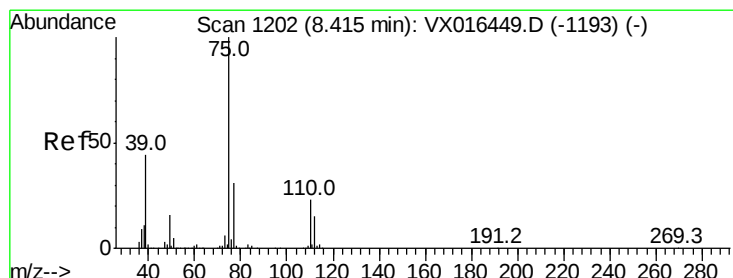
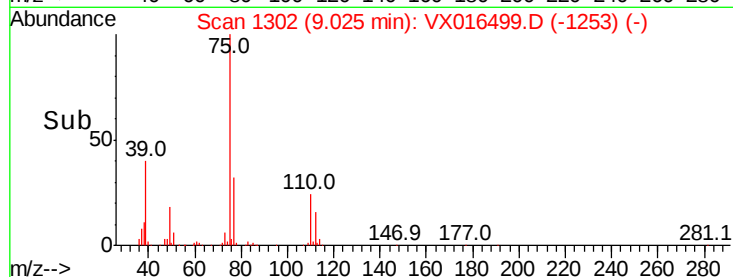
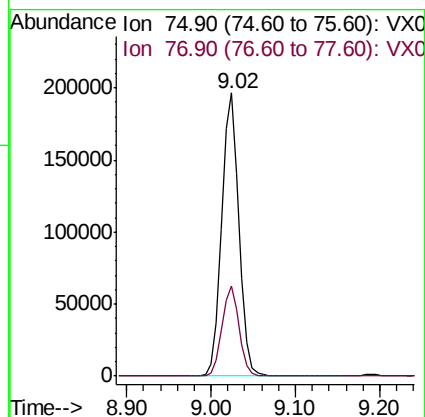
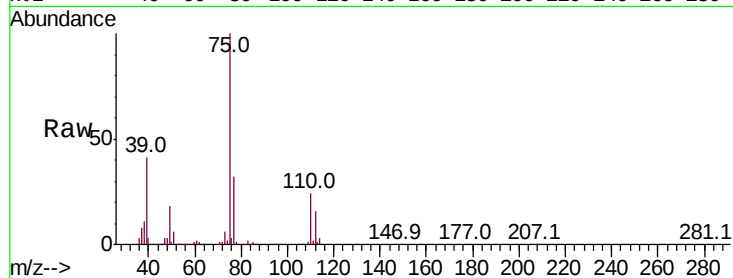
VSTDCCC050EC

Tot Ion: 75 Resp: 278010

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.843 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

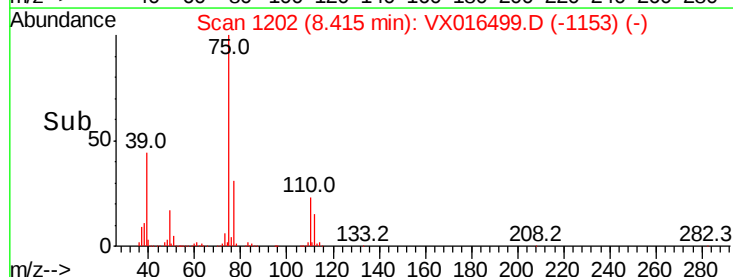
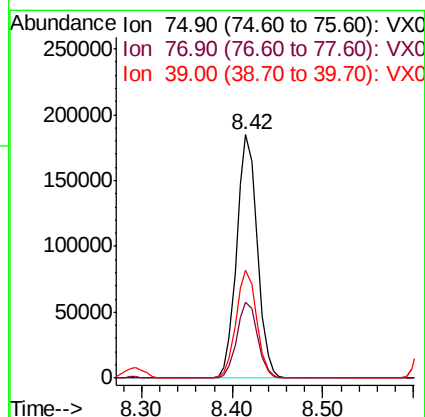
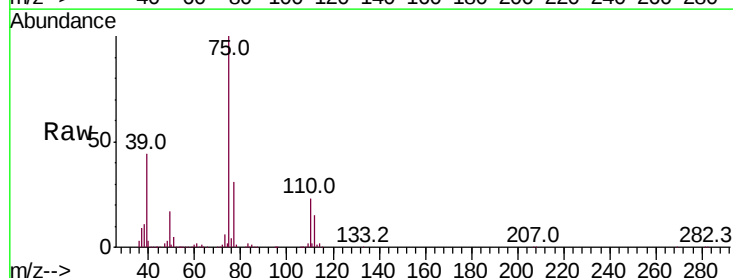
Tgt Ion: 75 Resp: 291054

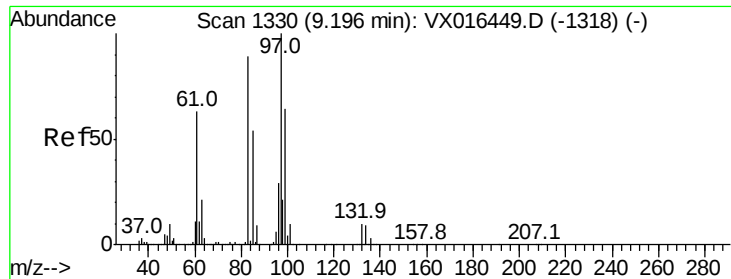
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 44.0 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 50.912 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 171480

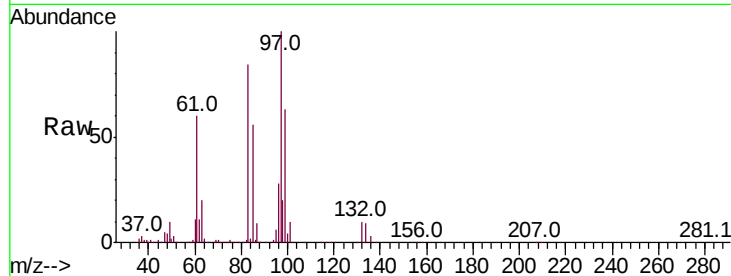
Ion Ratio Lower Upper

97 100

83 84.1 70.9 106.3

85 55.8 43.4 65.2

99 62.7 51.0 76.6

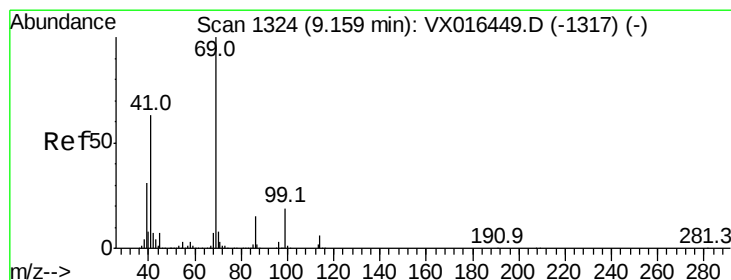
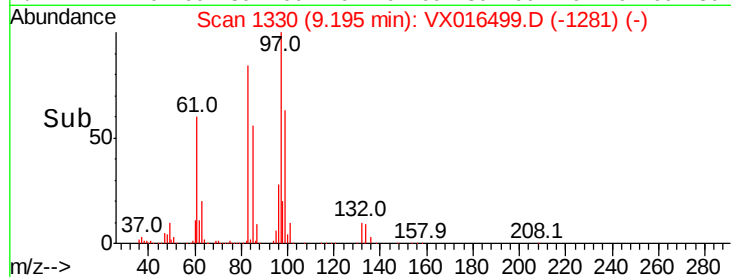
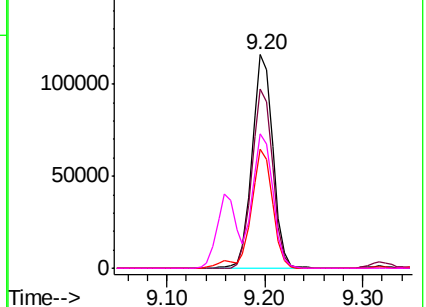


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.903 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

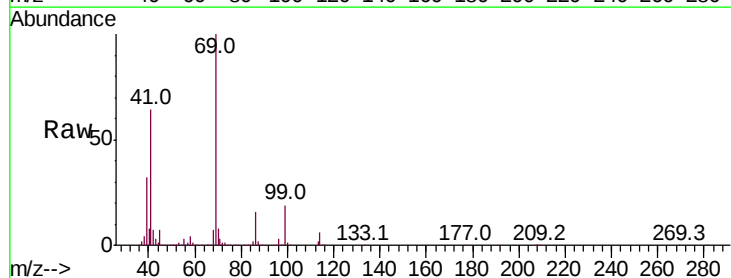
Tgt Ion: 69 Resp: 290202

Ion Ratio Lower Upper

69 100

41 63.3 50.7 76.1

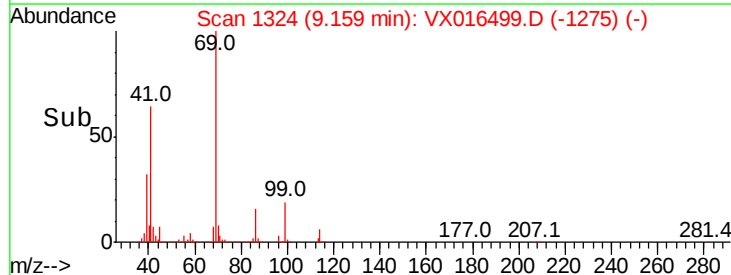
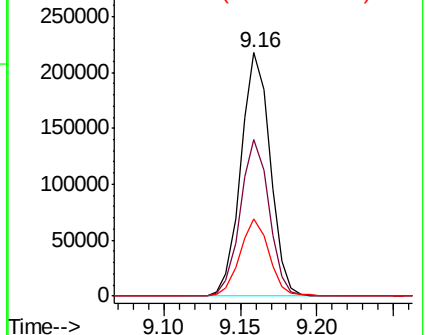
39 31.5 25.8 38.6

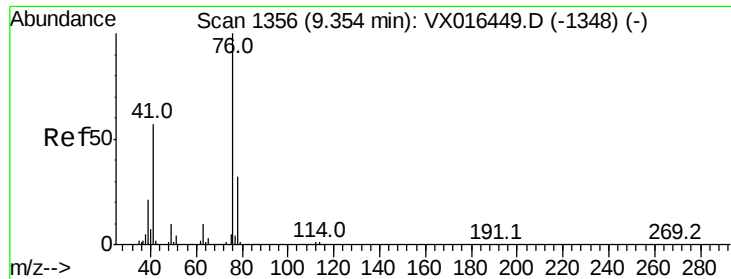


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.819 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

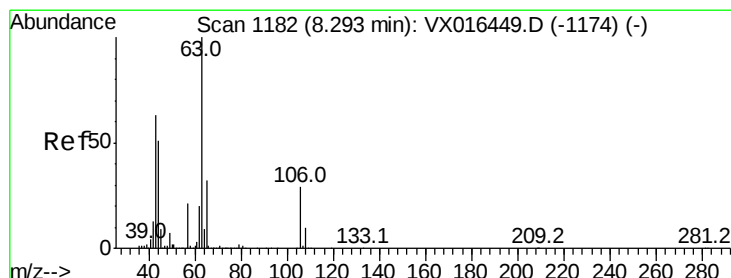
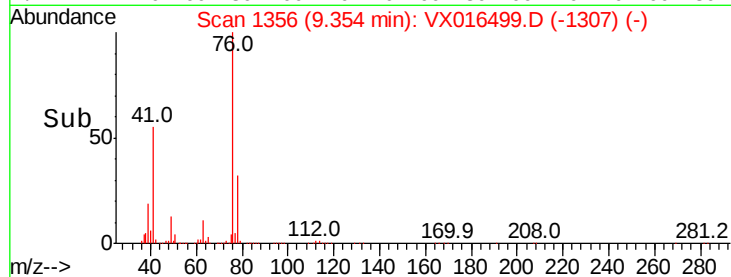
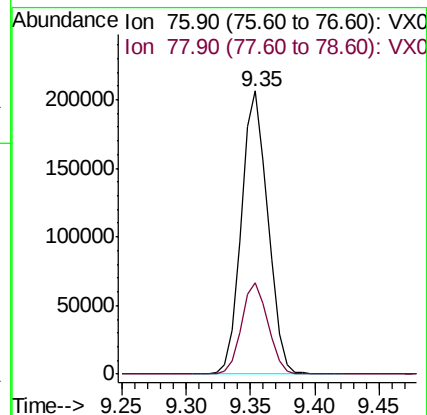
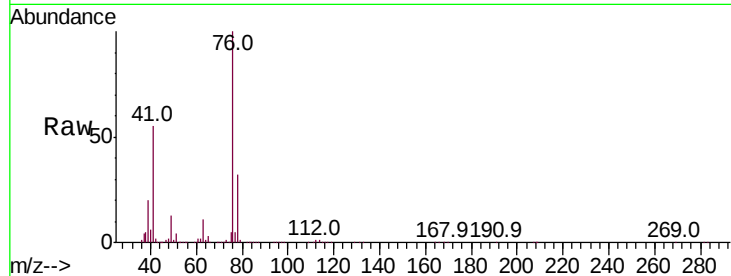
VSTDCCC050EC

Tot Ion: 76 Resp: 293798

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 256.688 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016499.D

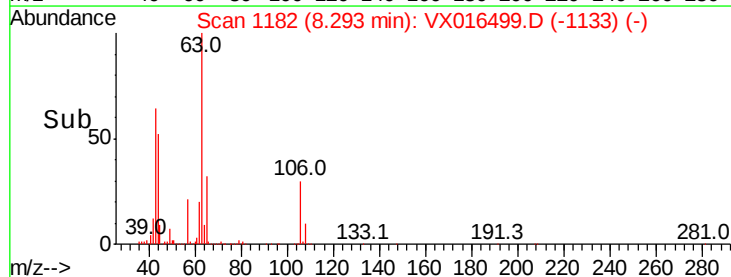
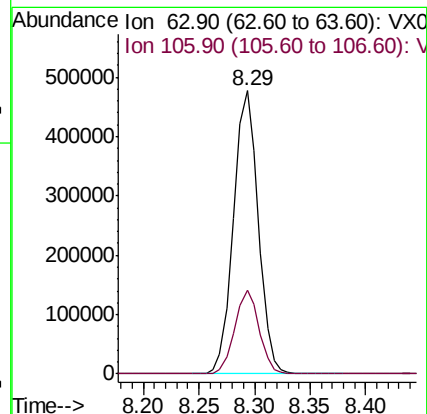
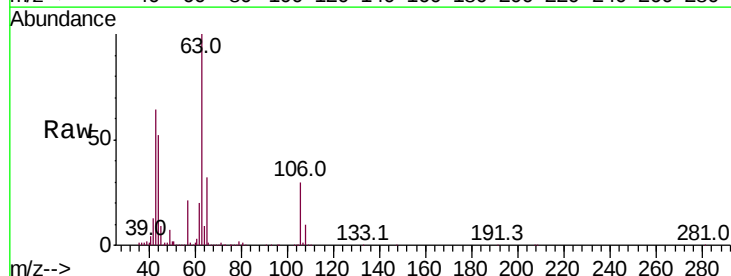
Acq: 28 May 2020 20:27

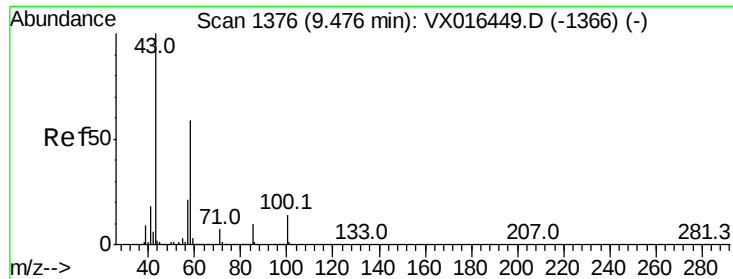
Tgt Ion: 63 Resp: 734954

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8

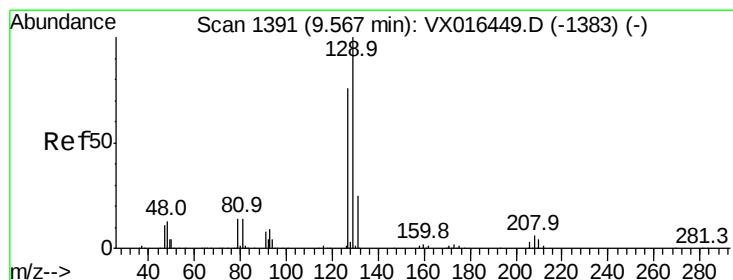
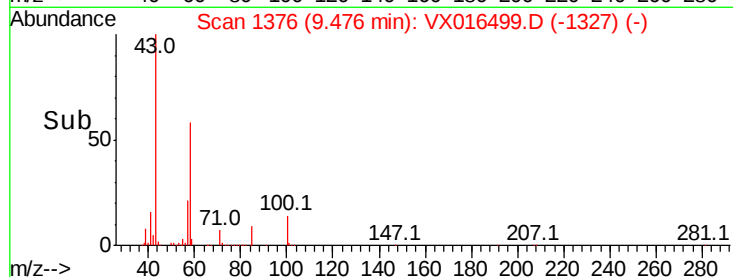
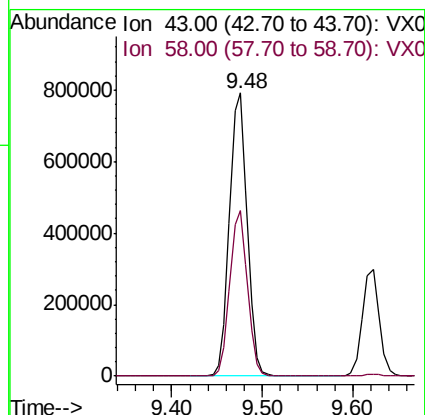
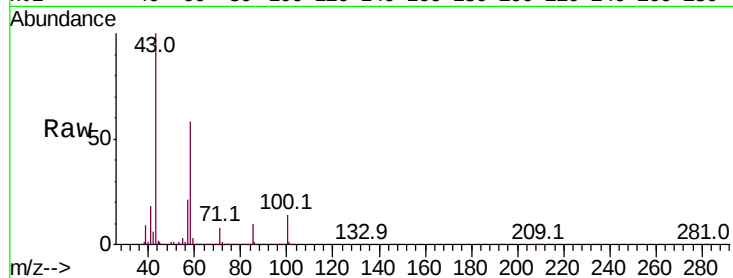




#59
2-Hexanone
Concen: 263.262 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

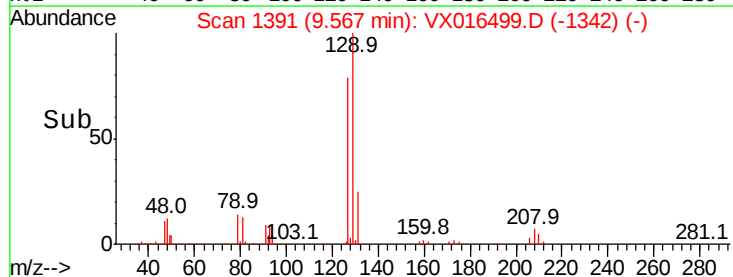
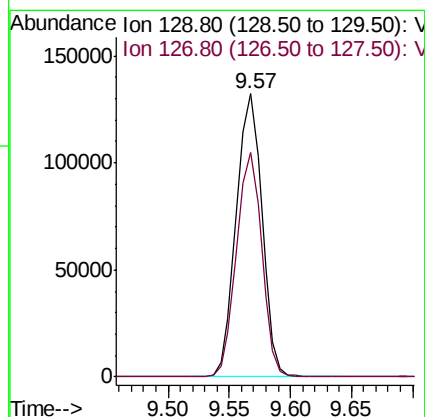
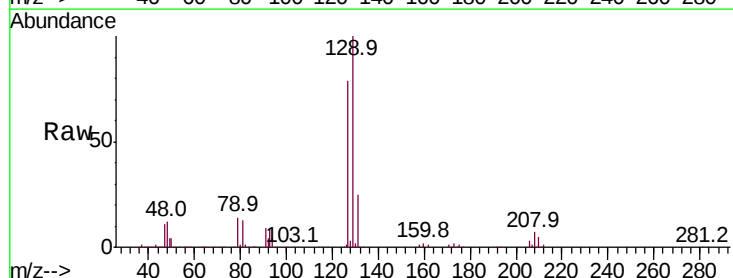
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

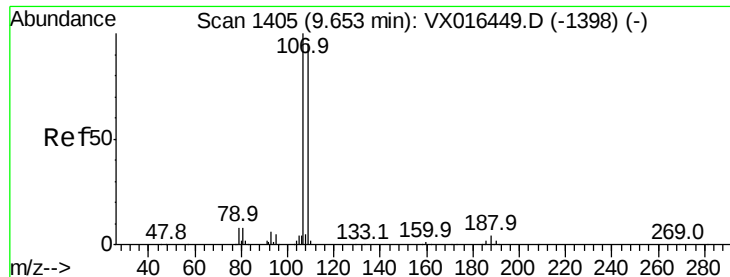
Tot Ion: 43 Resp: 1076903
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4



#60
Dibromochloromethane
Concen: 51.086 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 129 Resp: 193637
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.209 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

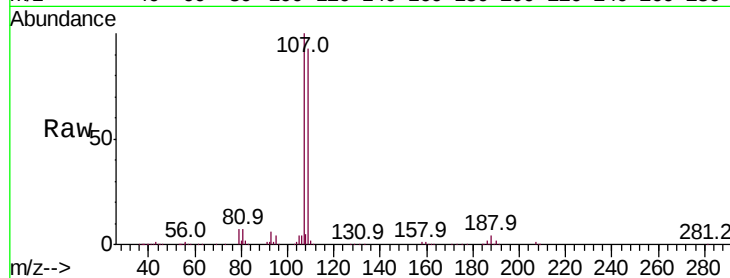
VSTDCCC050EC

Tot Ion:107 Resp: 184701

Ion Ratio Lower Upper

107 100

109 93.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

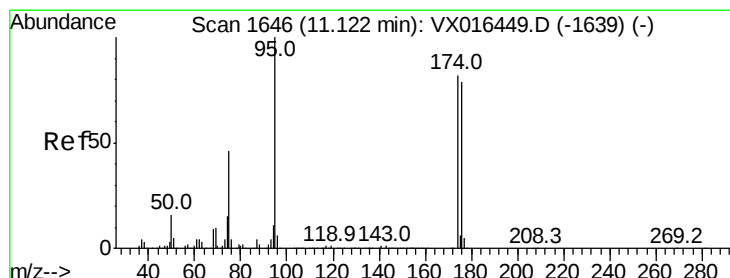
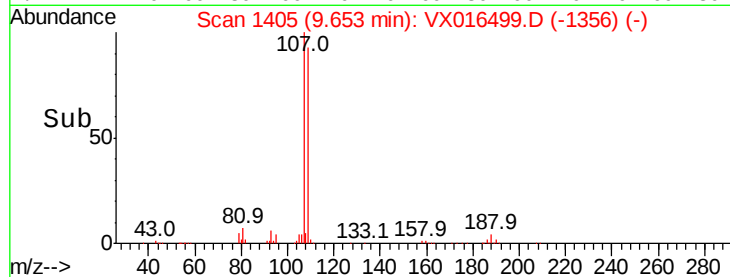
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.541 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

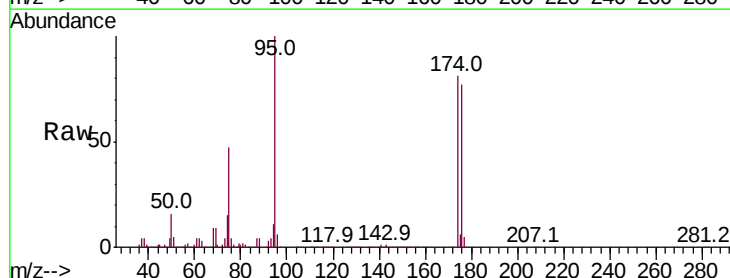
Tgt Ion: 95 Resp: 218582

Ion Ratio Lower Upper

95 100

174 80.7 0.0 163.0

176 78.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

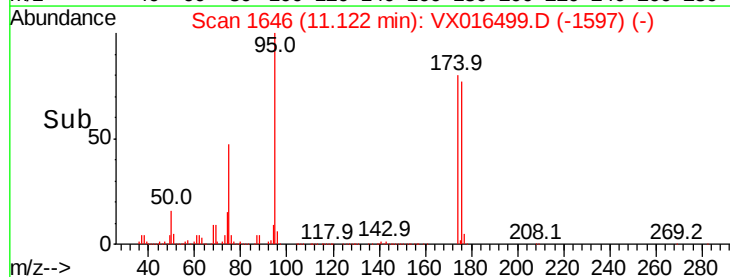
150000

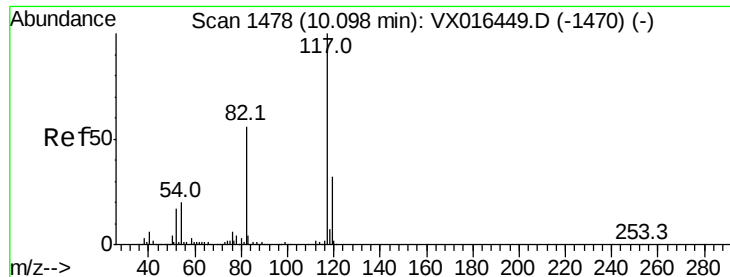
100000

50000

0

Time-->

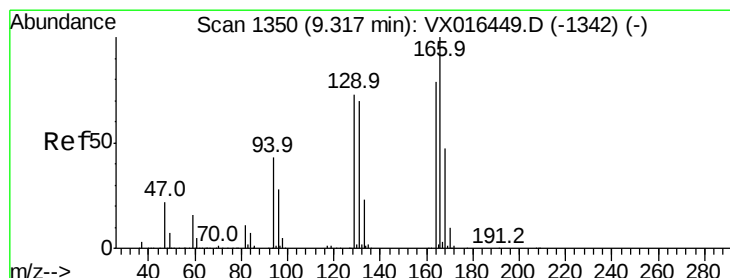
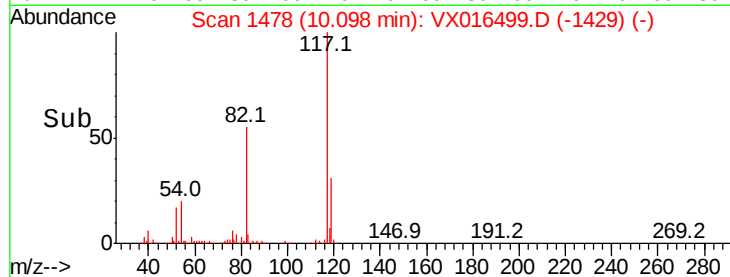
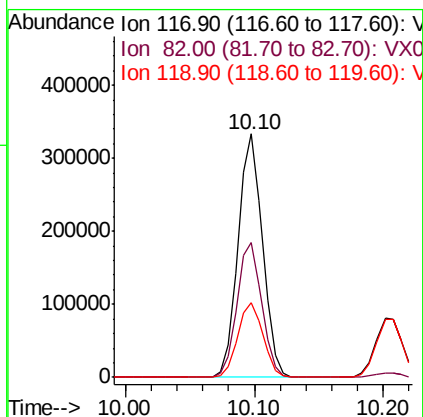
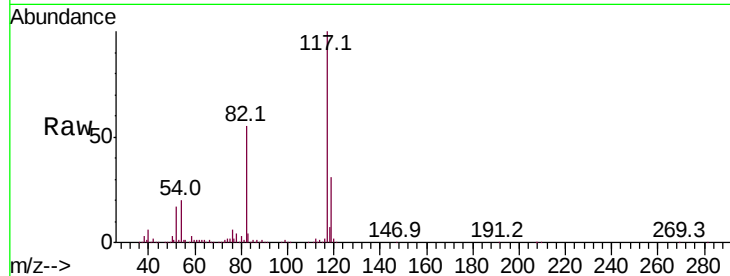




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

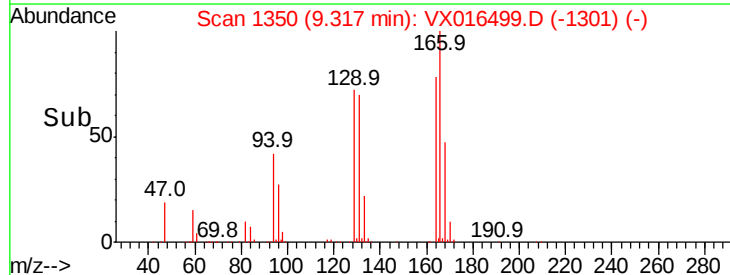
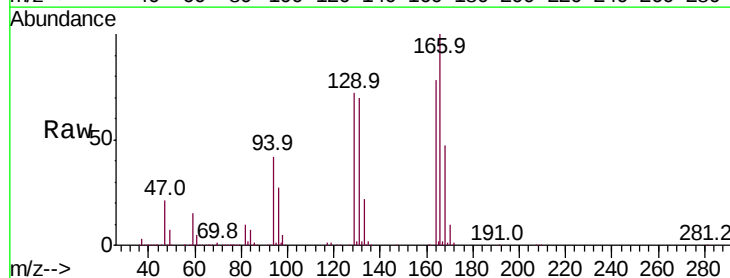
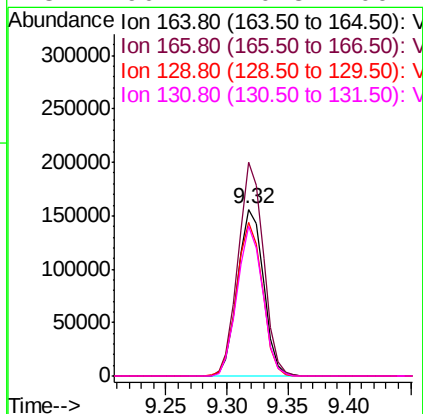
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

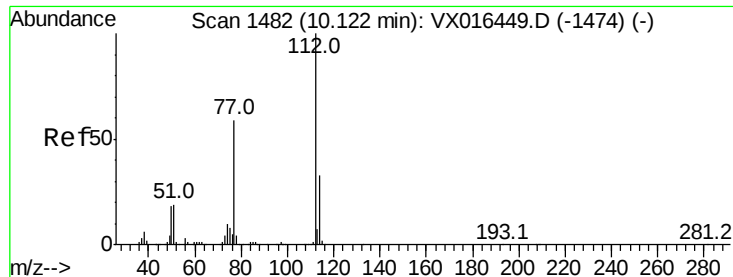
Tot Ion:117 Resp: 438661
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 30.6 25.8 38.8



#64
Tetrachloroethene
Concen: 46.377 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion:164 Resp: 227603
Ion Ratio Lower Upper
164 100
166 128.3 100.9 151.3
129 92.1 73.2 109.8
131 90.1 70.8 106.2





#65

Chlorobenzene

Concen: 51.153 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

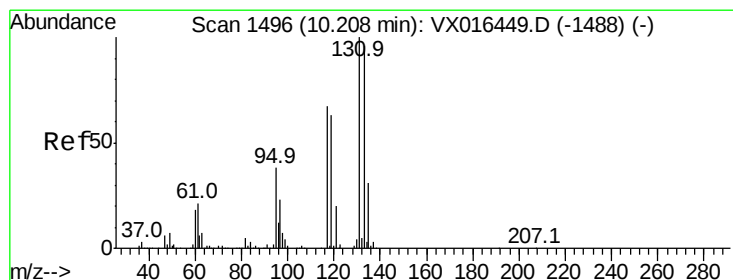
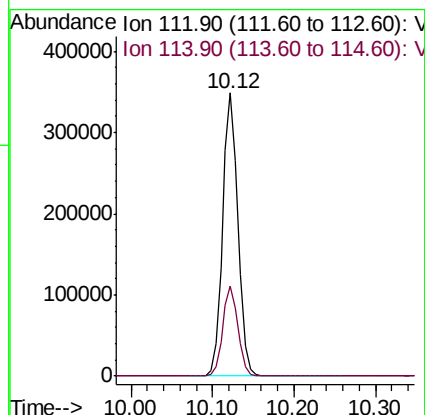
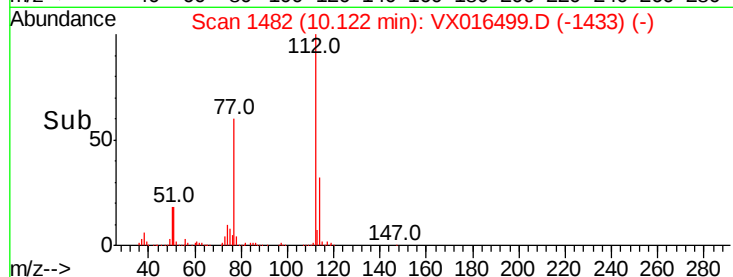
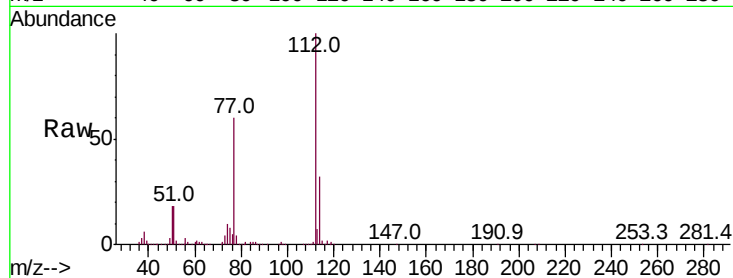
VSTDCCC050EC

Tot Ion:112 Resp: 457464

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.836 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

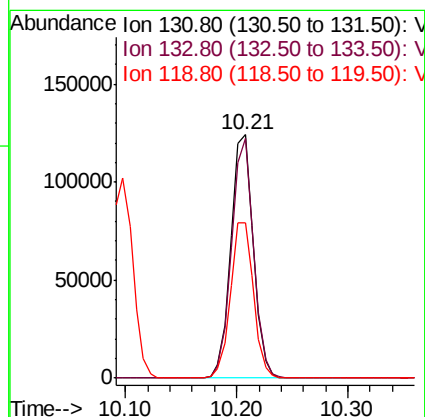
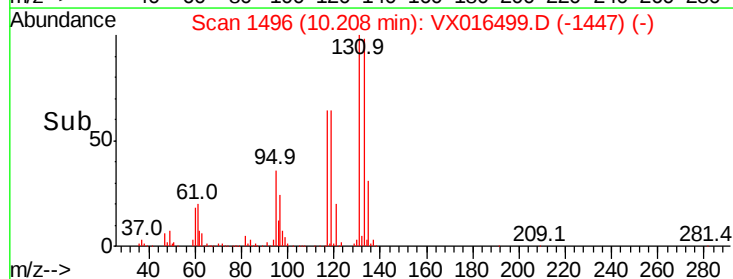
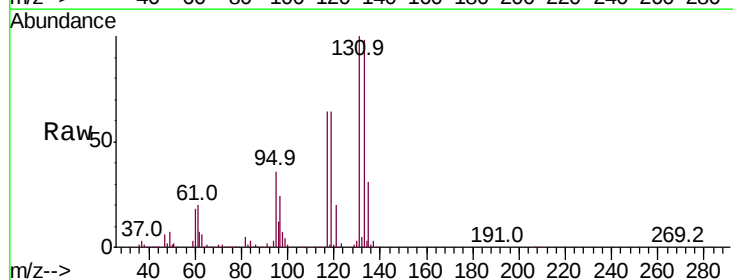
Tgt Ion:131 Resp: 173543

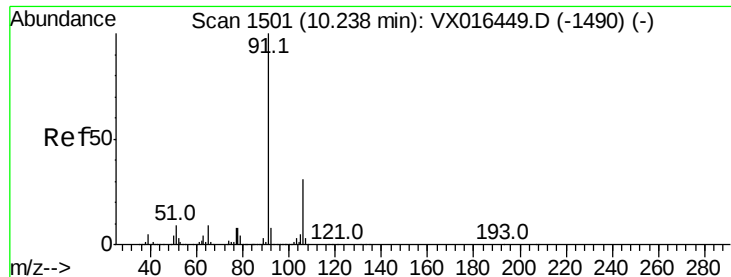
Ion Ratio Lower Upper

131 100

133 96.4 48.4 145.3

119 65.2 32.0 96.2





#67

Ethyl Benzene

Concen: 50.031 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

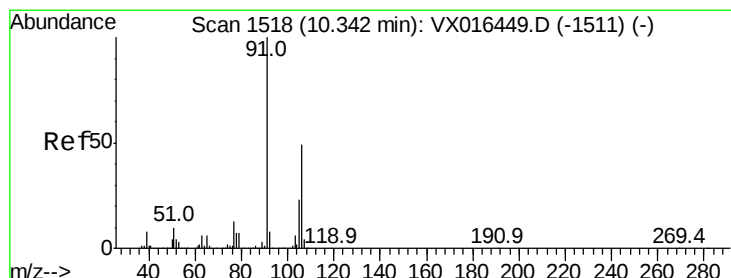
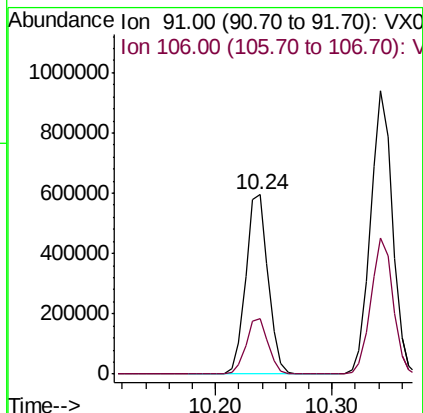
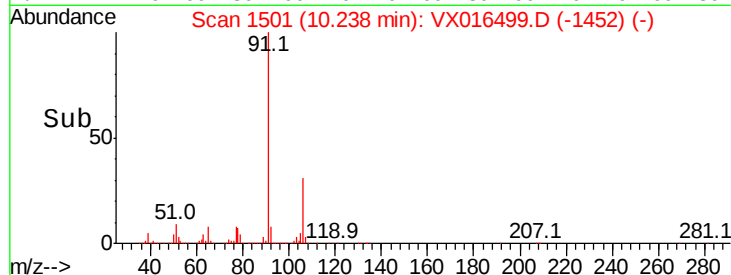
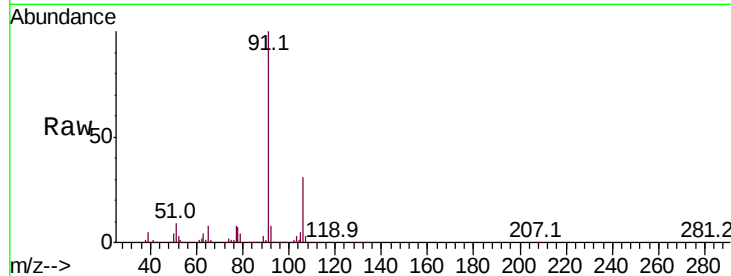
VSTDCCC050EC

Tot Ion: 91 Resp: 796612

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 101.034 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016499.D

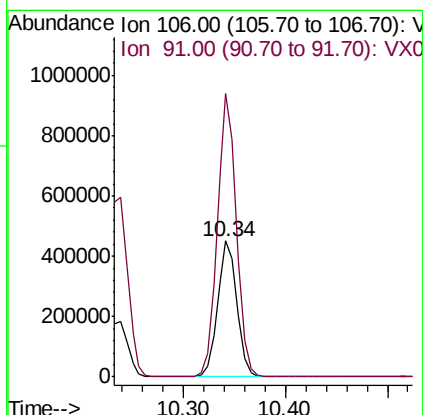
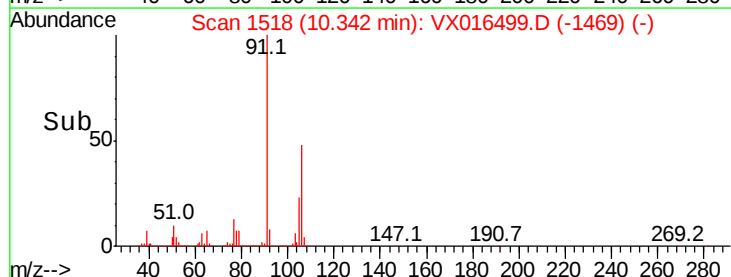
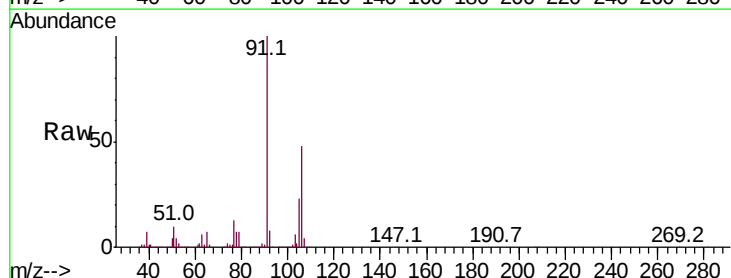
Acq: 28 May 2020 20:27

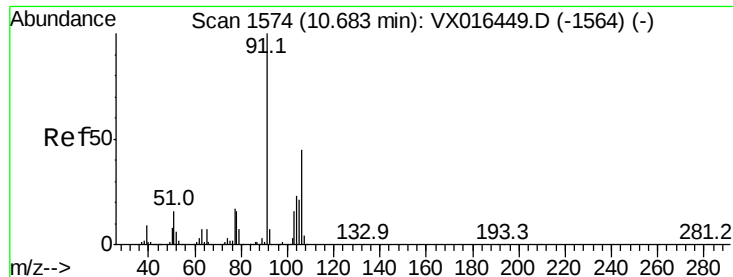
Tgt Ion: 106 Resp: 596463

Ion Ratio Lower Upper

106 100

91 205.7 163.8 245.8

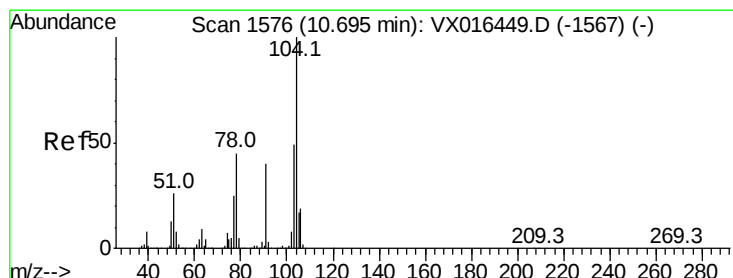
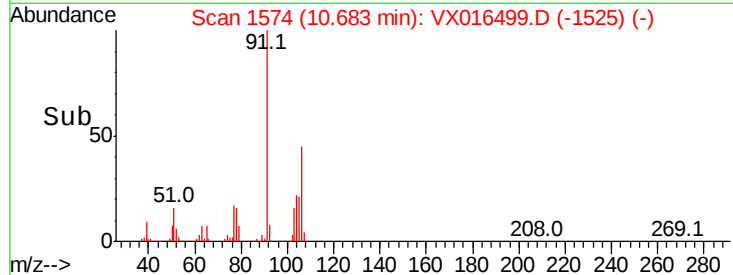
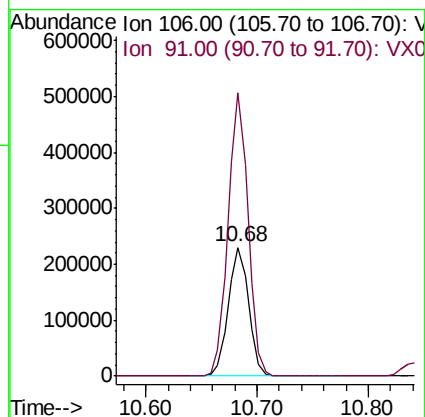
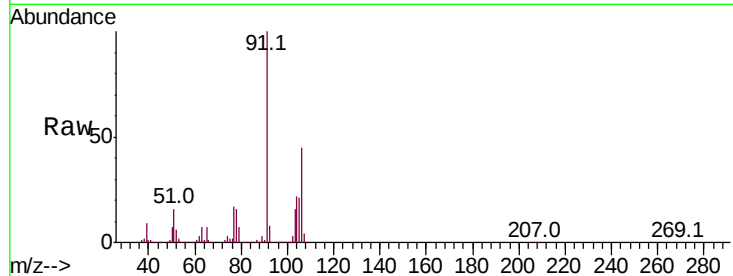




#69
o-Xylene
Concen: 50.763 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

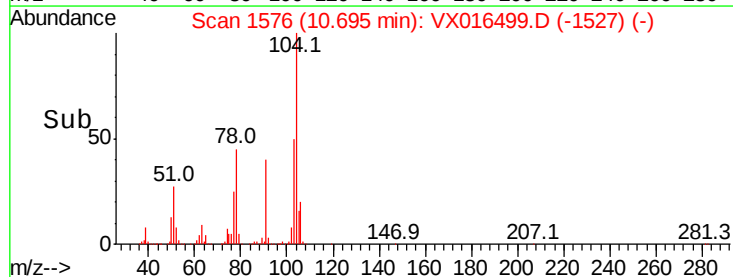
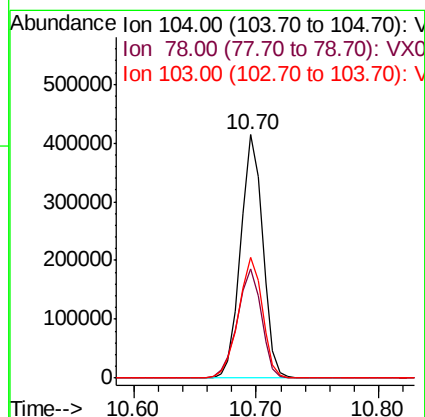
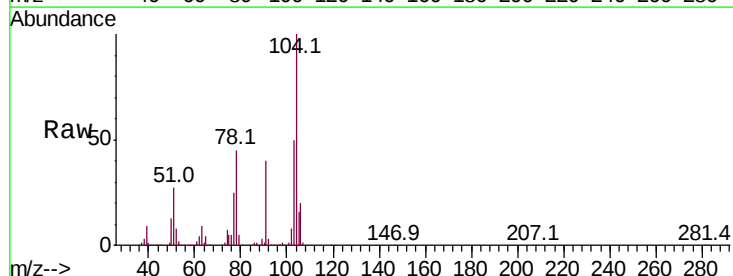
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

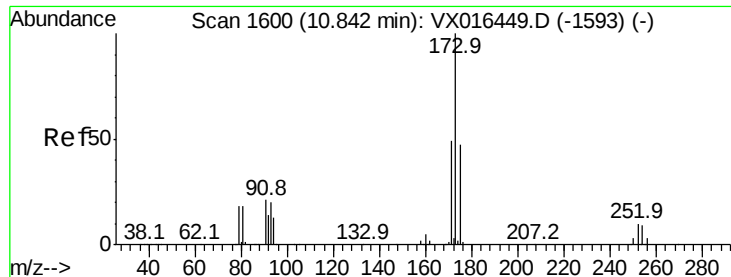
Tot Ion:106 Resp: 290230
Ion Ratio Lower Upper
106 100
91 216.6 109.6 328.8



#70
Styrene
Concen: 52.379 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion:104 Resp: 514749
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 53.9 43.1 64.7





#71

Bromoform

Concen: 52.566 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

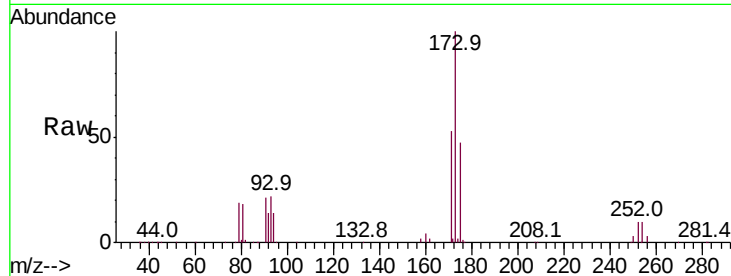
Tot Ion:173 Resp: 151660

Ion Ratio Lower Upper

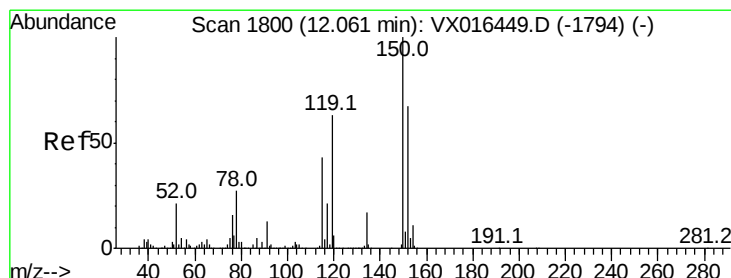
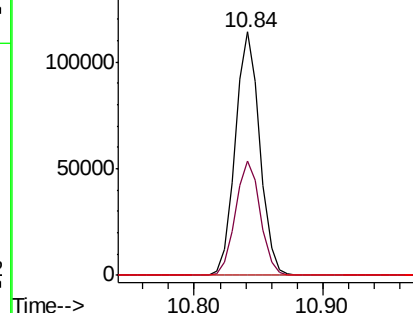
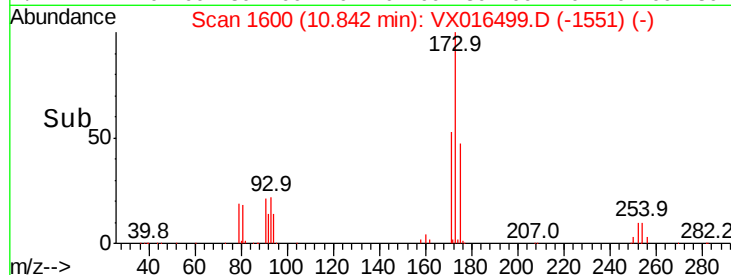
173 100

175 47.7 23.9 71.7

254 0.1 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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

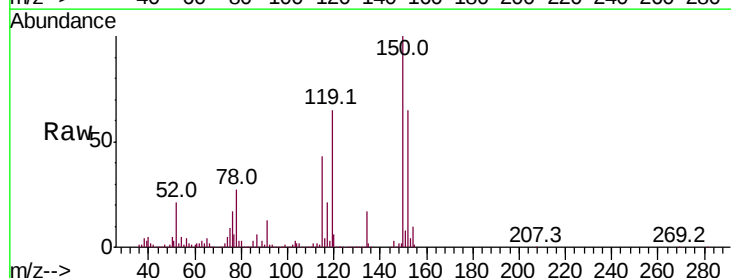
Tgt Ion:152 Resp: 215994

Ion Ratio Lower Upper

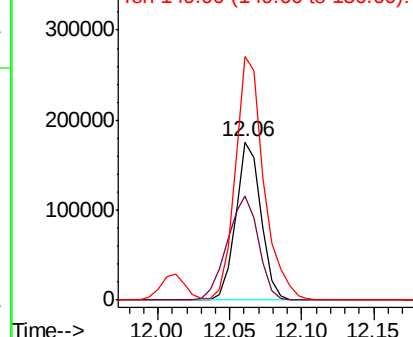
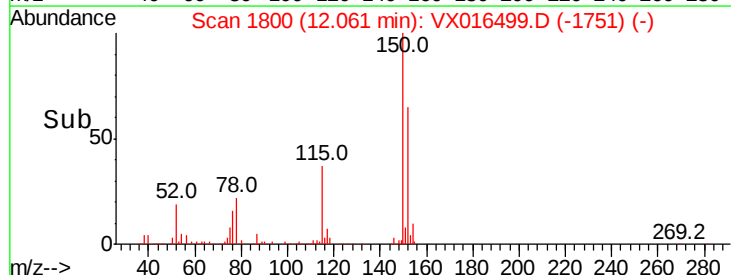
152 100

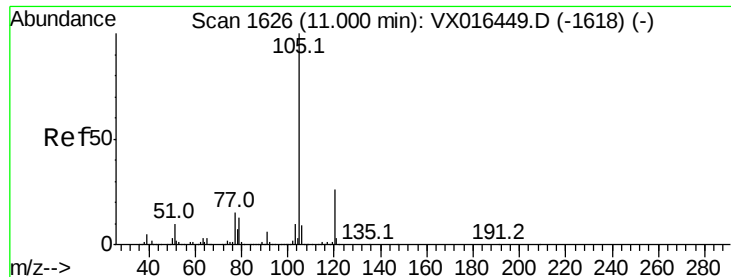
115 81.0 39.9 119.6

150 173.1 0.0 341.0



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: 51.121 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

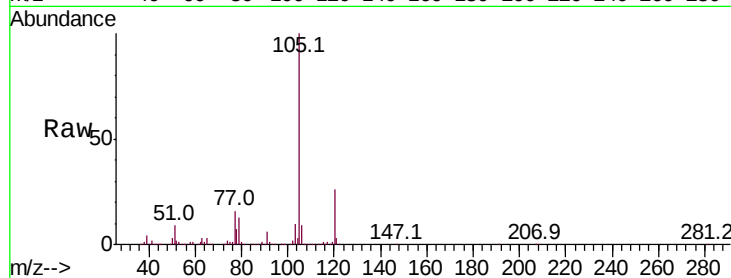
VSTDCCC050EC

Tot Ion:105 Resp: 765065

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

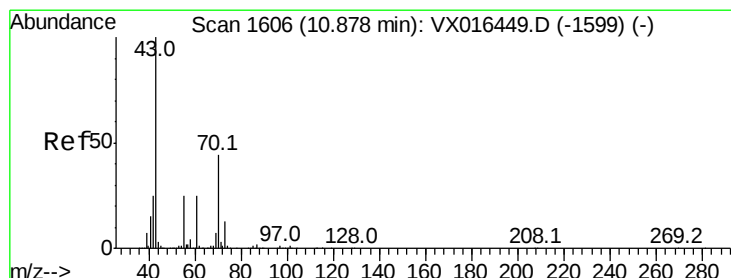
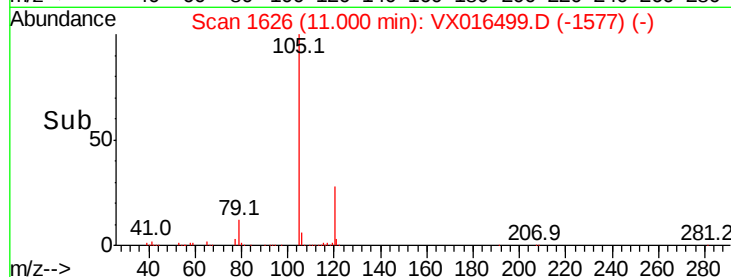
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 54.112 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion: 43 Resp: 372503

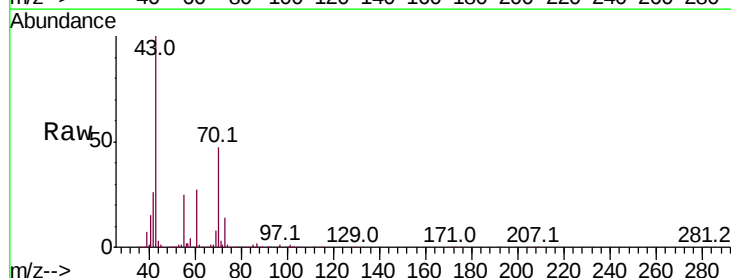
Ion Ratio Lower Upper

43 100

70 46.1 36.1 54.1

55 25.3 20.2 30.4

61 26.1 20.3 30.5



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

400000

300000

200000

100000

0

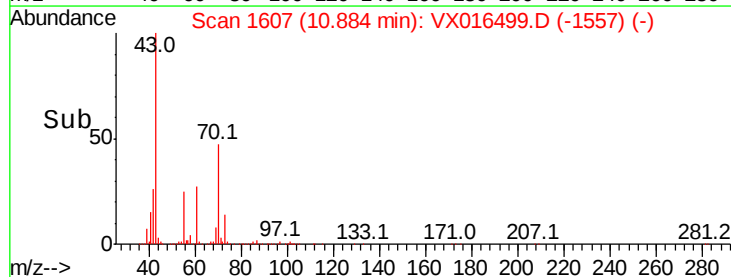
10.88

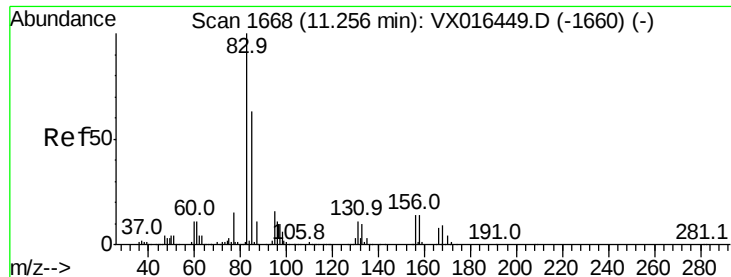
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.607 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

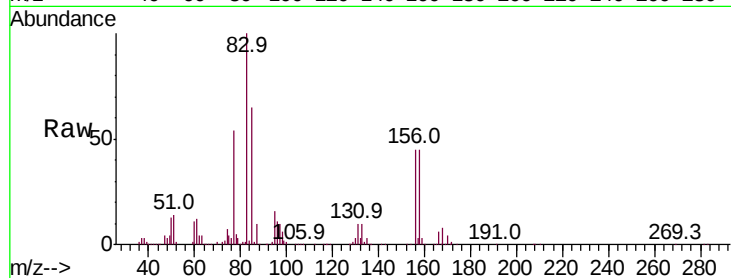
Tot Ion: 83 Resp: 212317

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

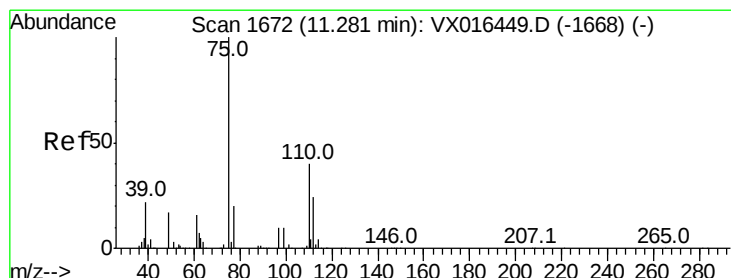
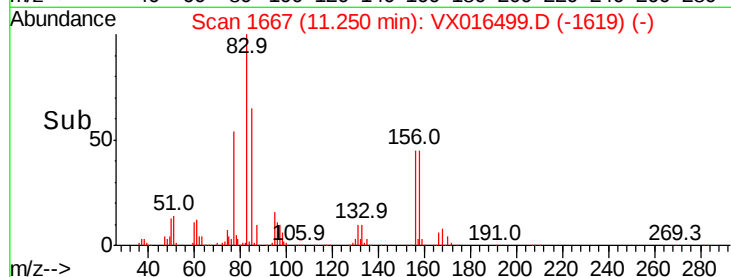
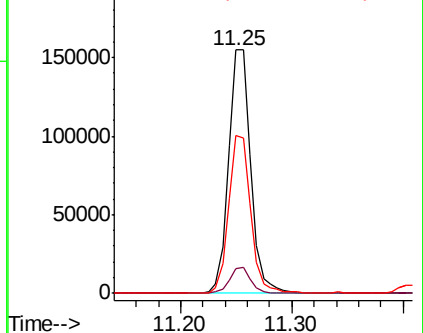
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.521 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016499.D

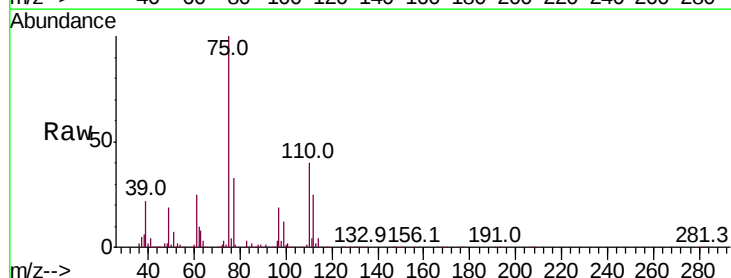
Acq: 28 May 2020 20:27

Tgt Ion: 75 Resp: 330064

Ion Ratio Lower Upper

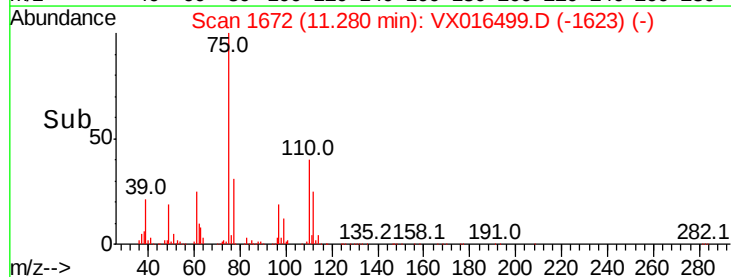
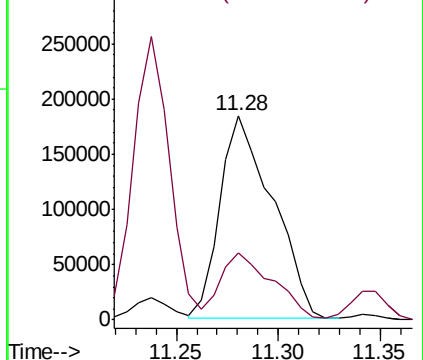
75 100

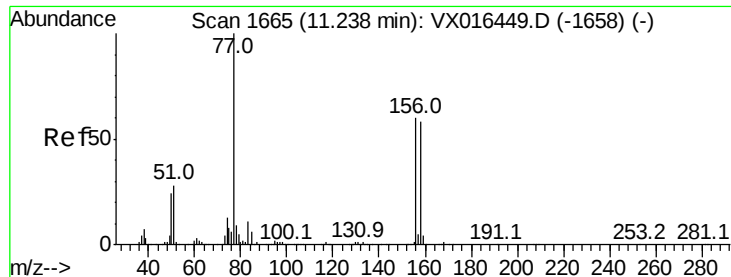
77 32.6 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.038 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

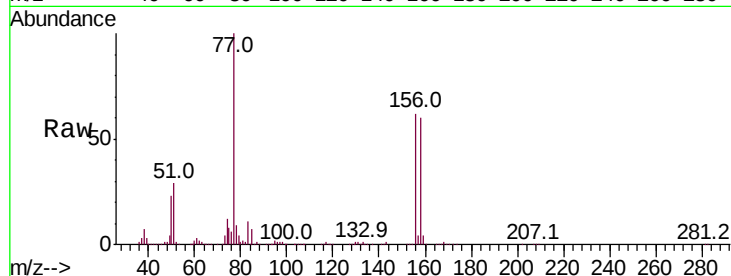
Tot Ion:156 Resp: 200338

Ion Ratio Lower Upper

156 100

77 159.1 79.6 238.8

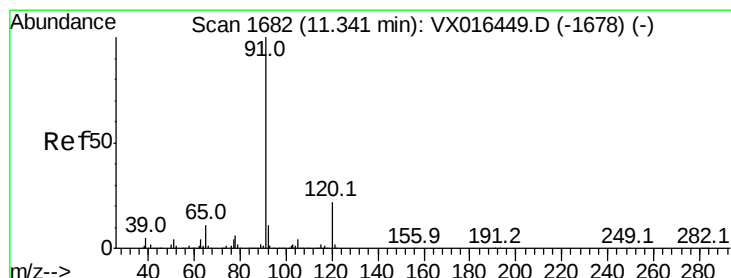
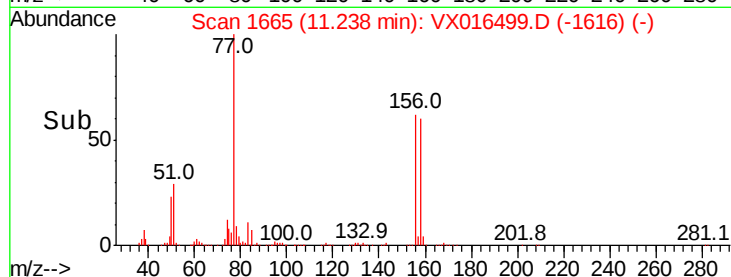
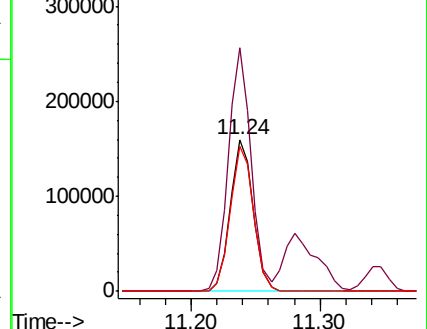
158 97.2 48.1 144.4



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: 51.721 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016499.D

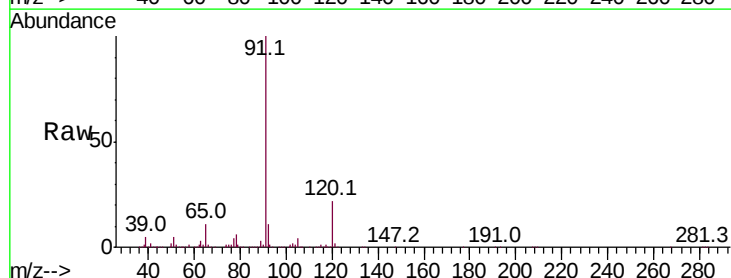
Acq: 28 May 2020 20:27

Tgt Ion: 91 Resp: 864784

Ion Ratio Lower Upper

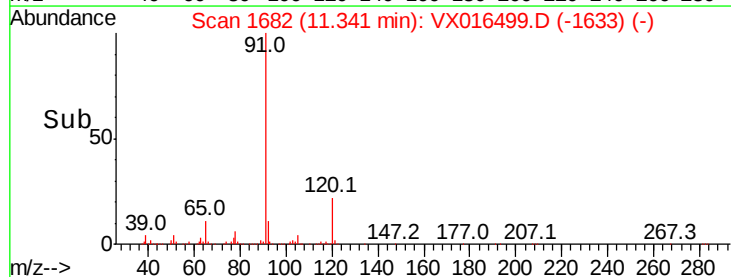
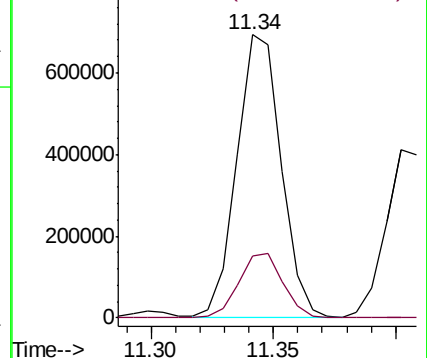
91 100

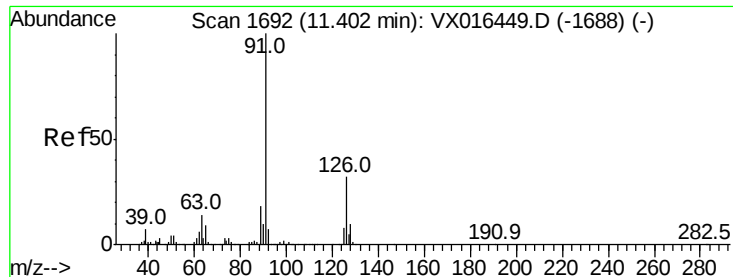
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.403 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

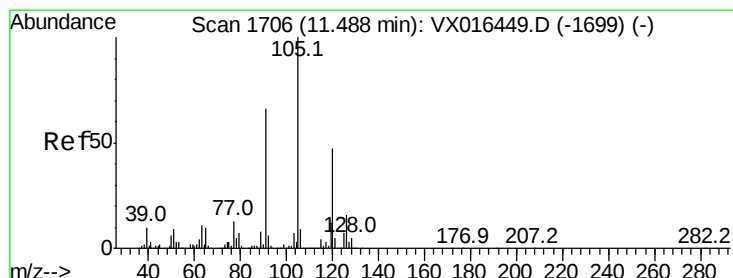
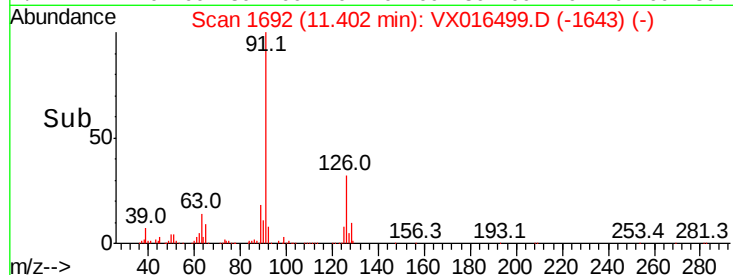
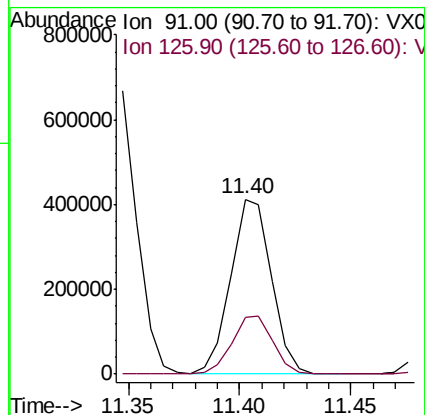
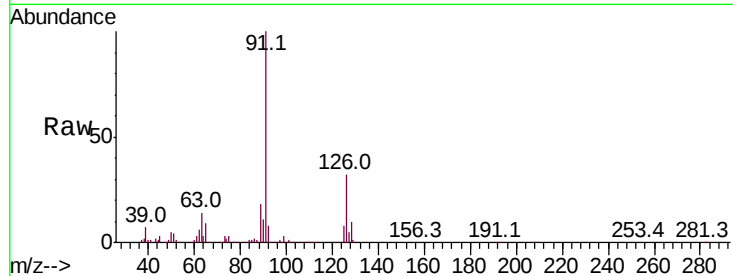
VSTDCCC050EC

Tot Ion: 91 Resp: 524611

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 51.925 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016499.D

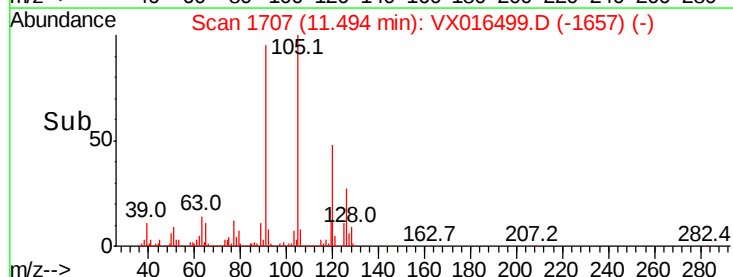
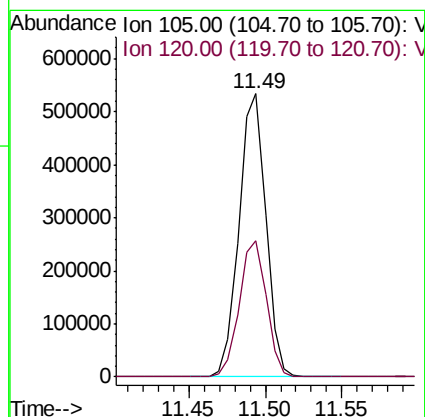
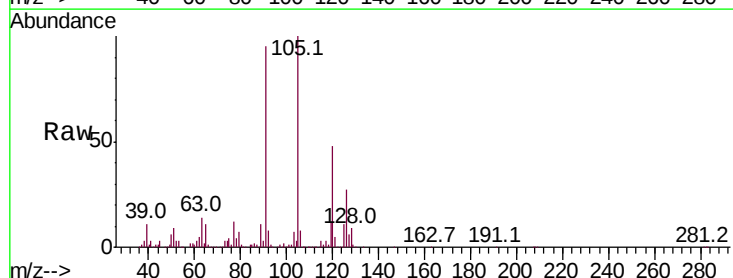
Acq: 28 May 2020 20:27

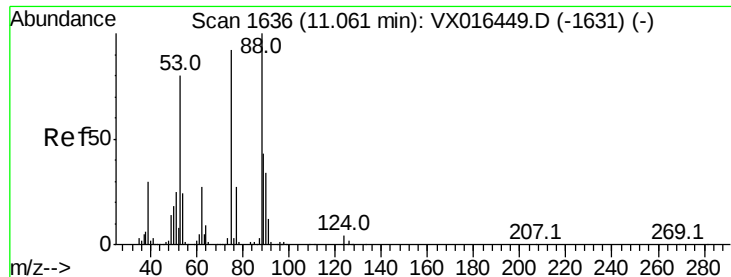
Tgt Ion:105 Resp: 648860

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

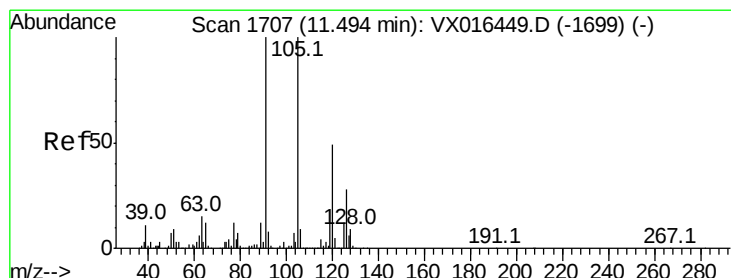
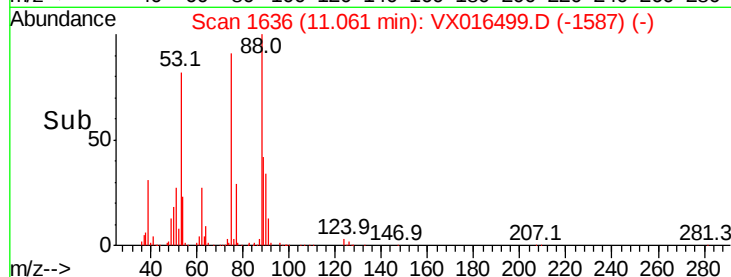
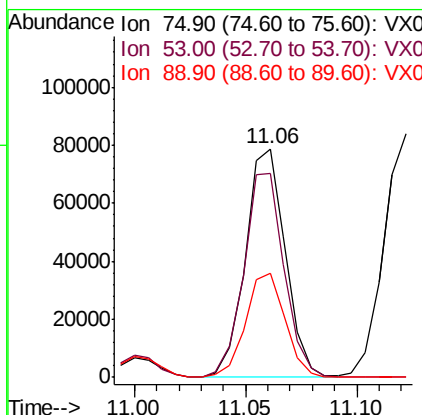
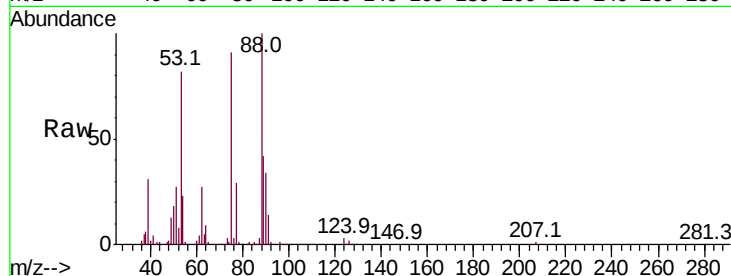




#81
trans-1,4-Dichloro-2-butene
Concen: 50.562 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

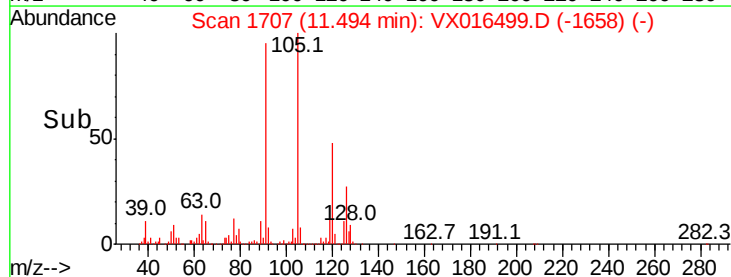
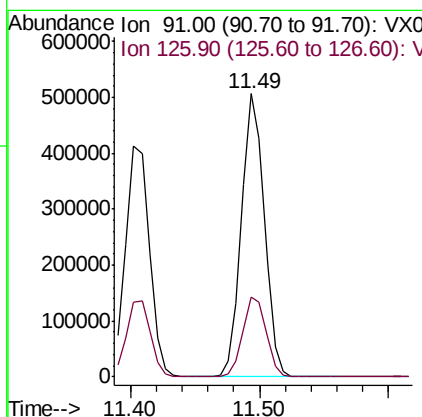
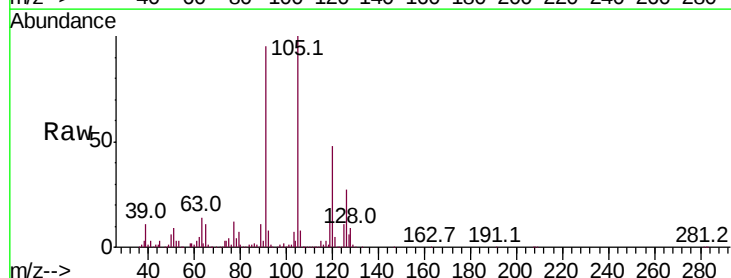
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

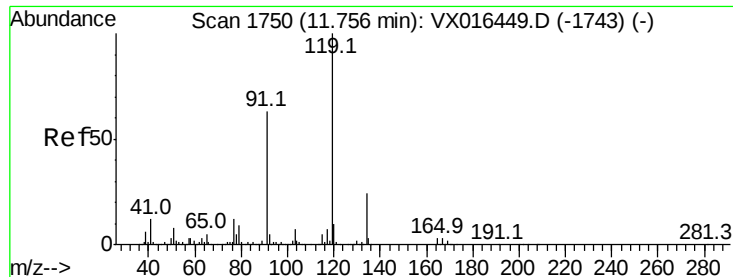
Tot Ion: 75 Resp: 97587
Ion Ratio Lower Upper
75 100
53 90.9 71.3 106.9
89 45.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.823 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 91 Resp: 624577
Ion Ratio Lower Upper
91 100
126 28.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 53.125 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

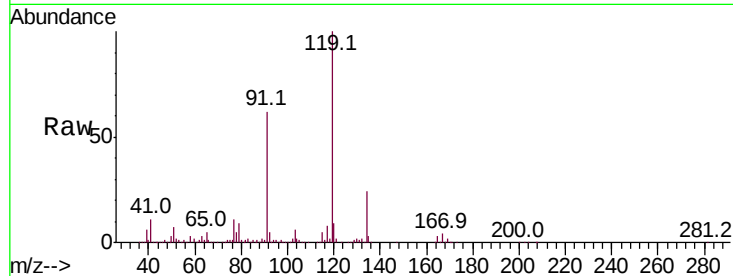
Tot Ion:119 Resp: 567244

Ion Ratio Lower Upper

119 100

91 61.9 31.3 93.8

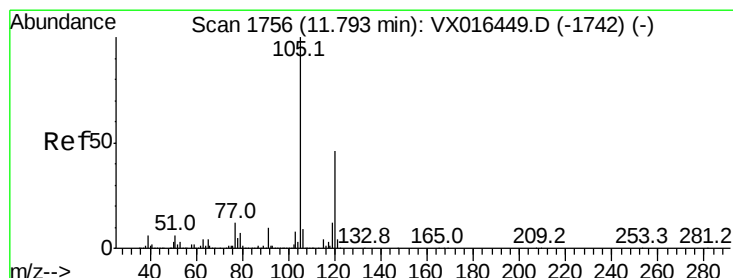
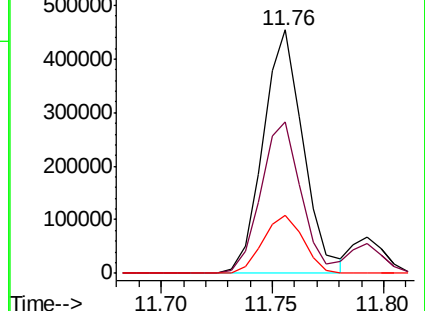
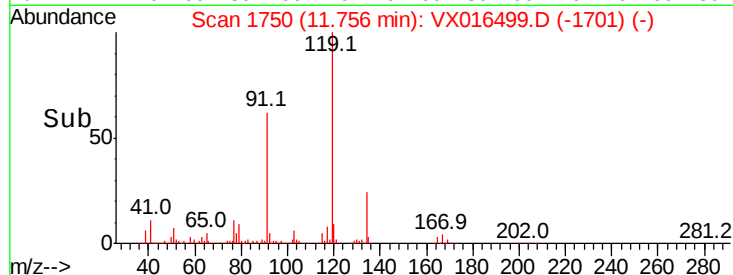
134 24.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.804 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016499.D

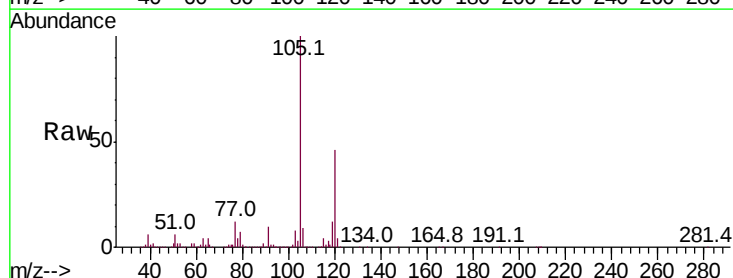
Acq: 28 May 2020 20:27

Tgt Ion:105 Resp: 654676

Ion Ratio Lower Upper

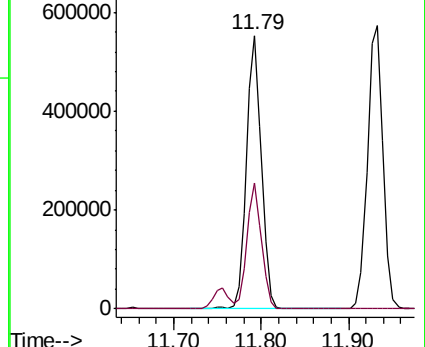
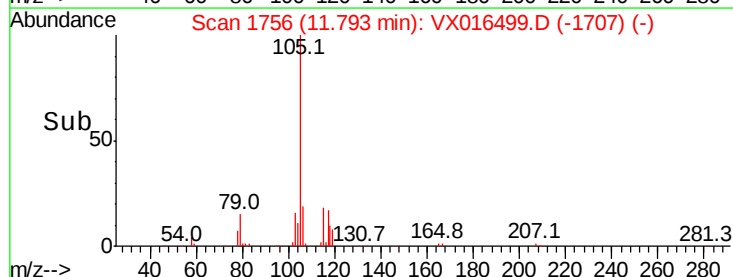
105 100

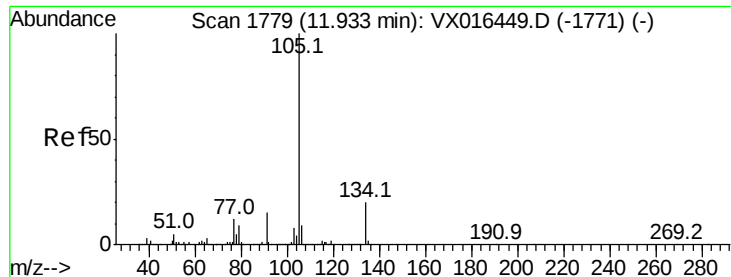
120 44.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

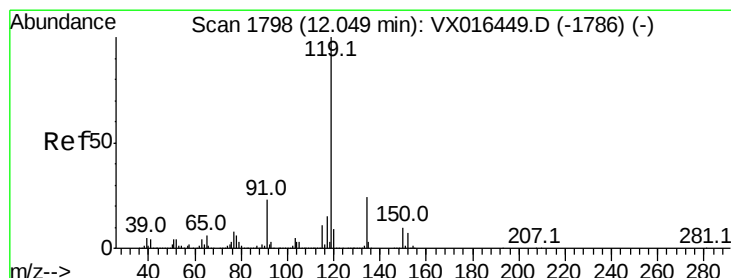
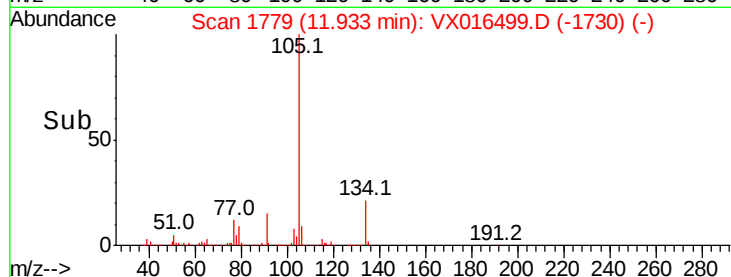
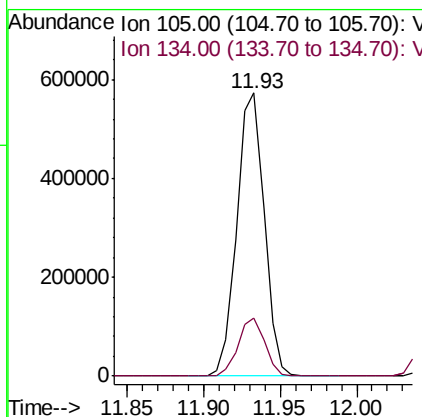
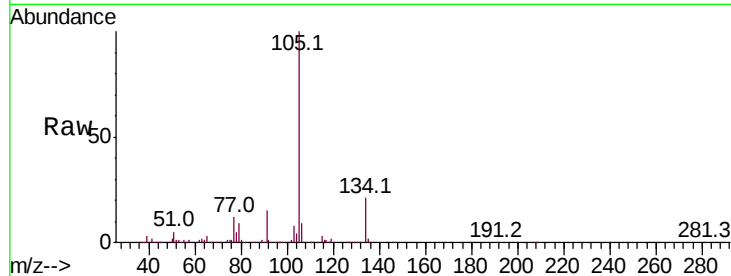




#85
 sec-Butylbenzene
 Concen: 52.969 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

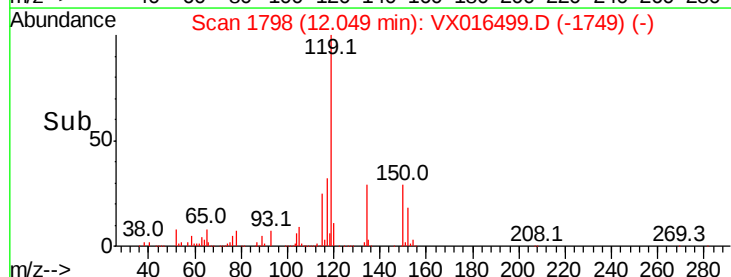
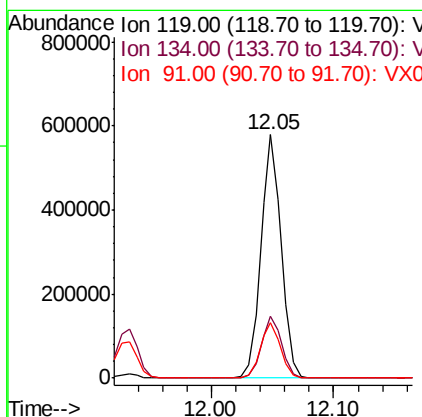
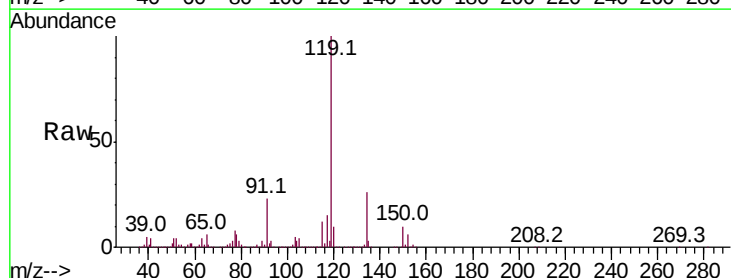
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

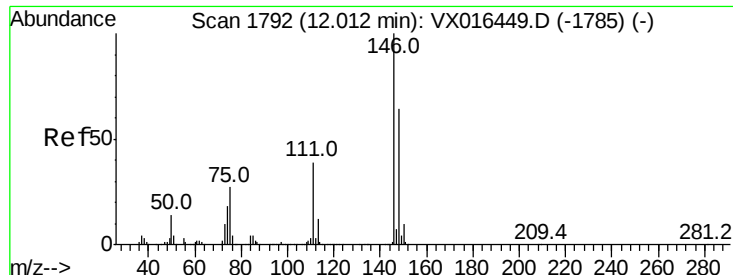
Tot Ion:105 Resp: 709491
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.368 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion:119 Resp: 669614
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.834 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

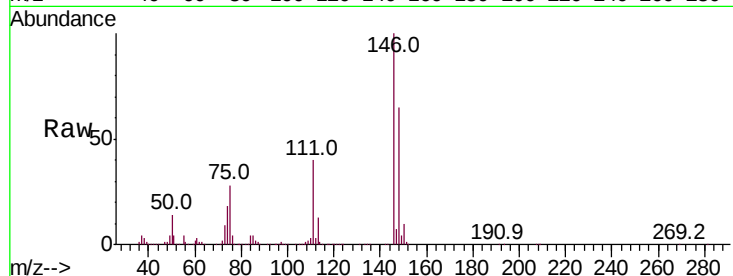
Tot Ion:146 Resp: 345693

Ion Ratio Lower Upper

146 100

111 41.0 20.0 60.0

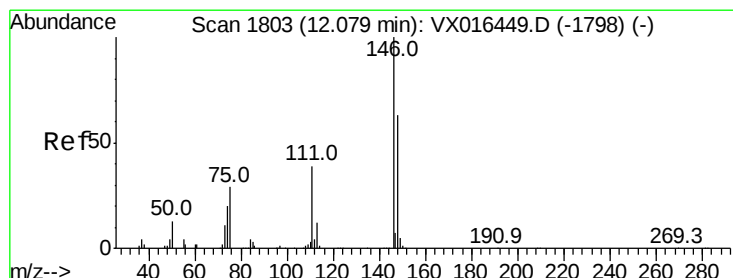
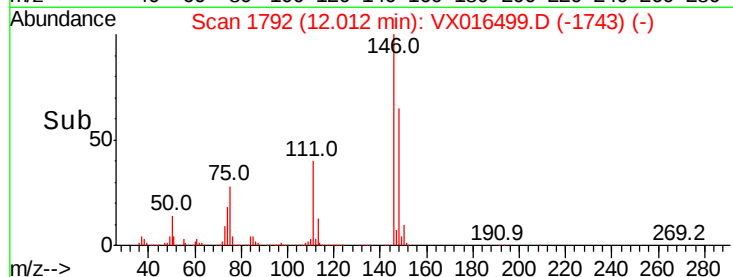
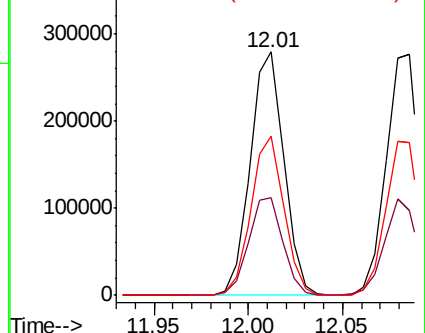
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.241 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

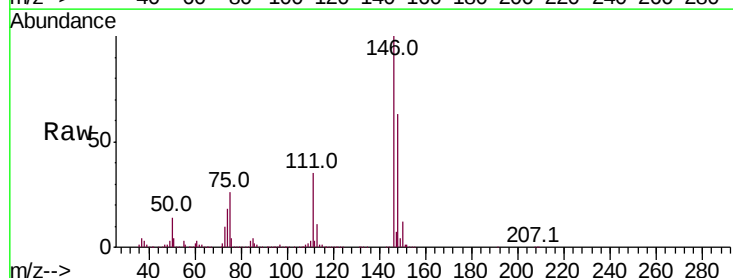
Tgt Ion:146 Resp: 349430

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

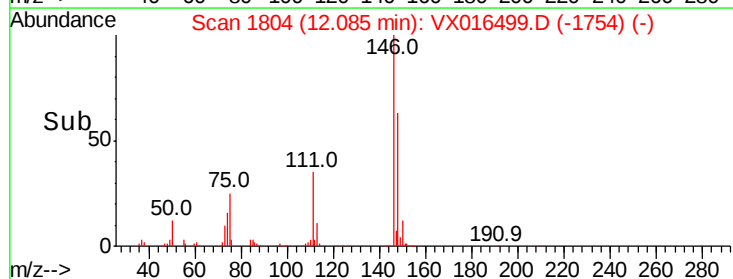
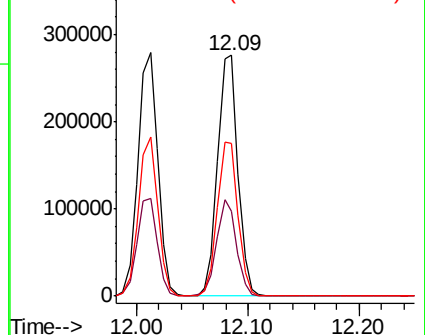
148 64.7 31.4 94.3

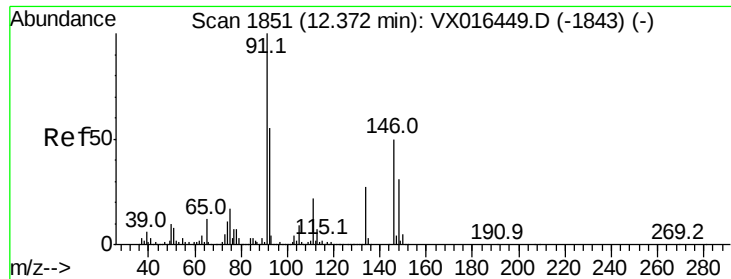


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

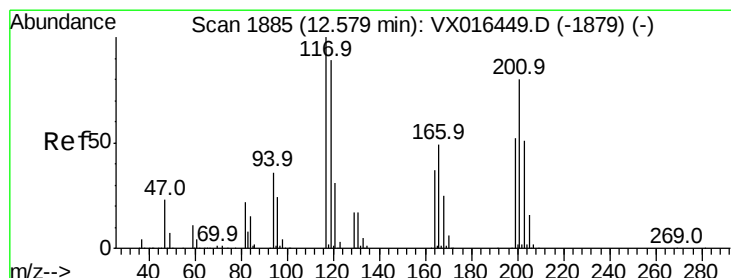
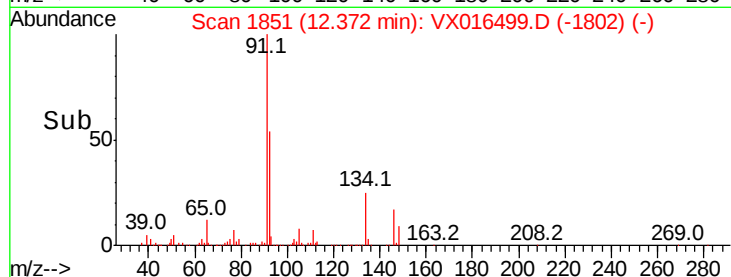
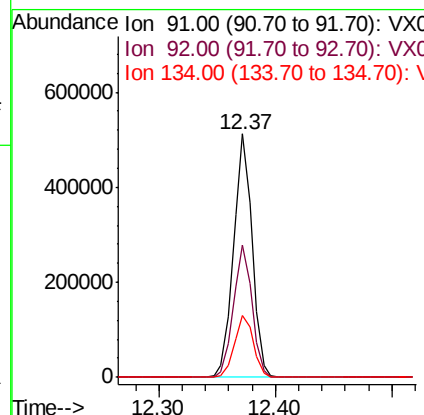
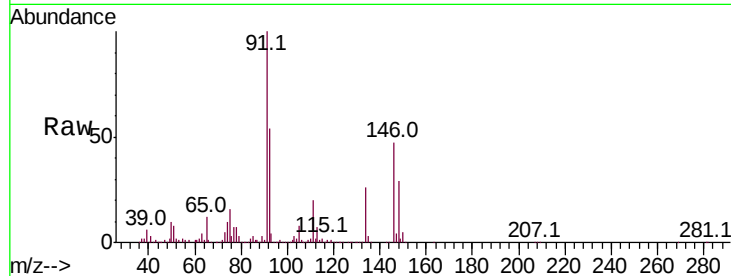




#89
n-Butylbenzene
Concen: 54.230 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

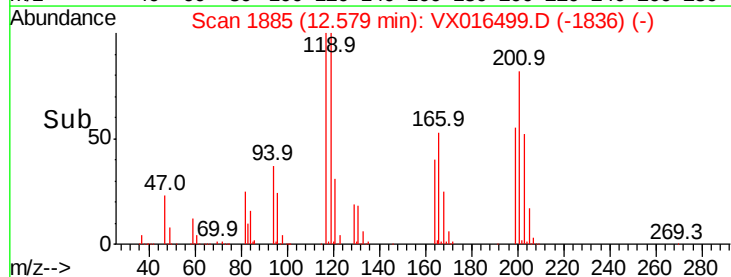
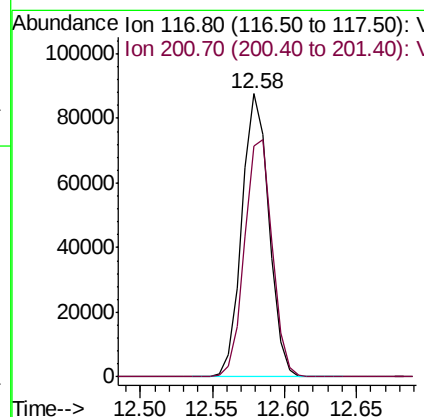
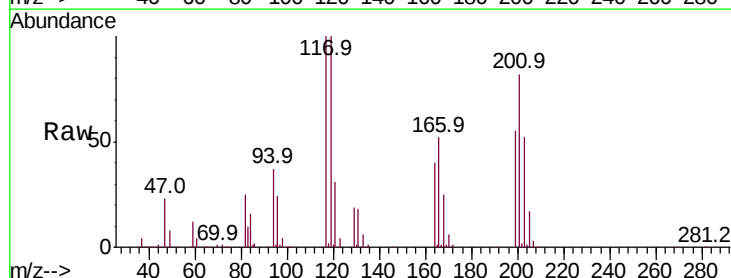
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

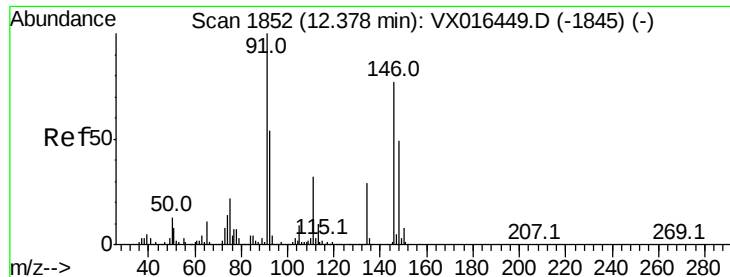
Tot Ion: 91 Resp: 566750
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 52.935 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 117 Resp: 114723
Ion Ratio Lower Upper
117 100
201 84.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 51.185 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

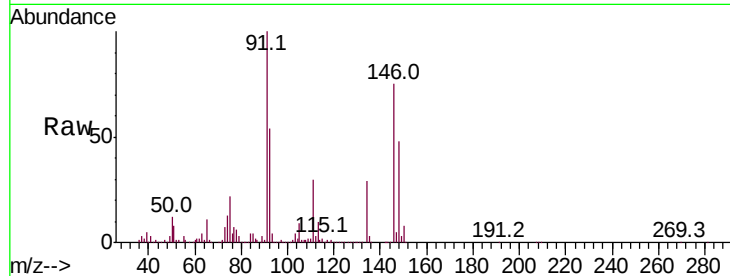
Tot Ion:146 Resp: 337237

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

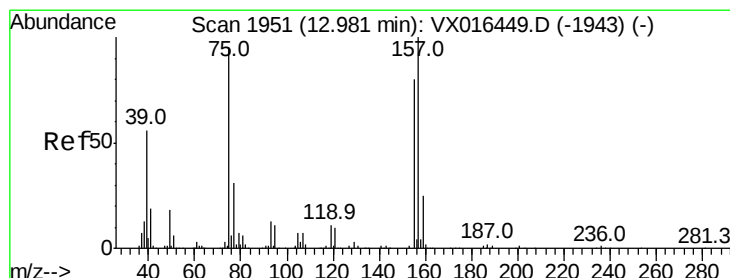
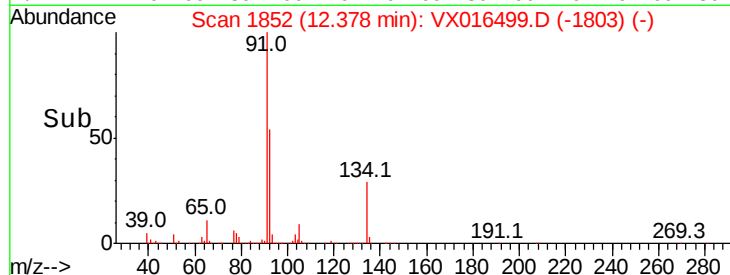
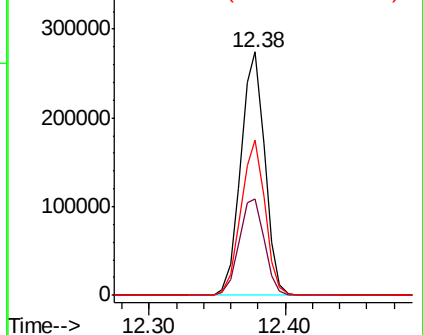
148 63.8 31.9 95.7



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: 52.902 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

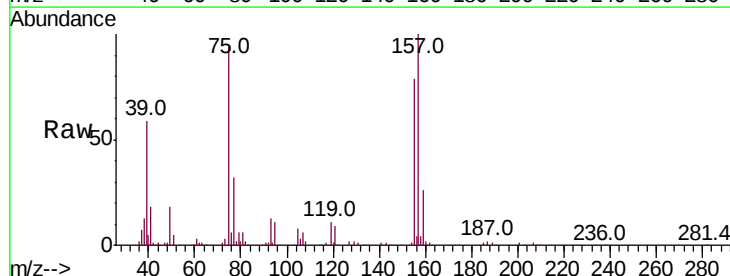
Tgt Ion: 75 Resp: 64270

Ion Ratio Lower Upper

75 100

155 89.0 44.1 132.4

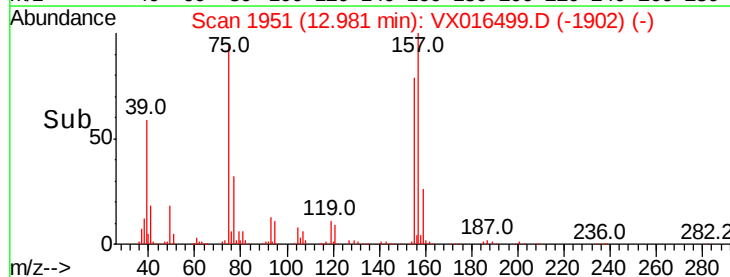
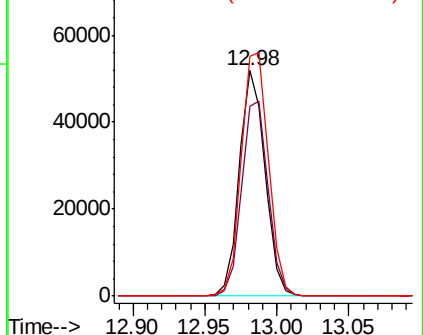
157 113.8 57.8 173.3

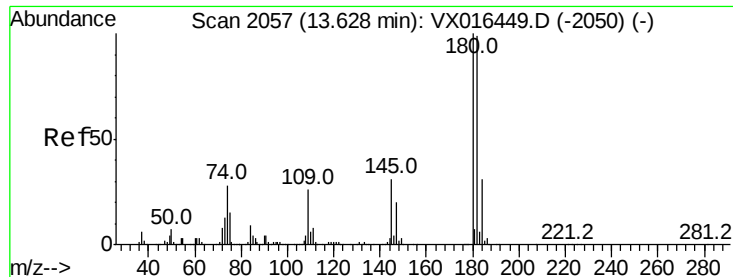


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

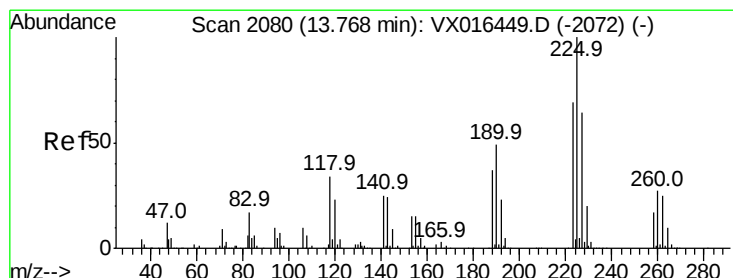
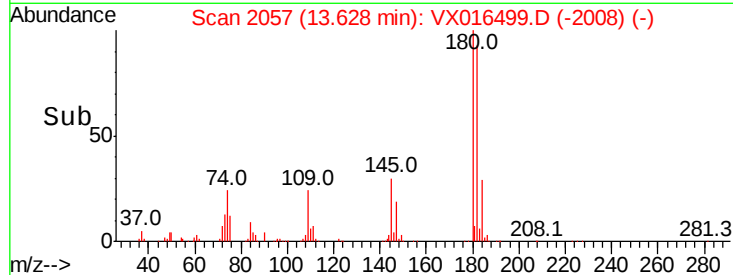
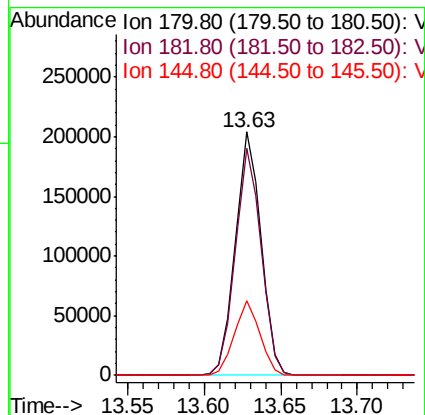
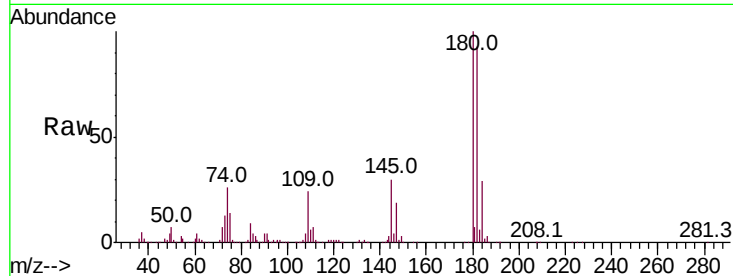




#93
 1,2,4-Trichlorobenzene
 Concen: 54.306 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

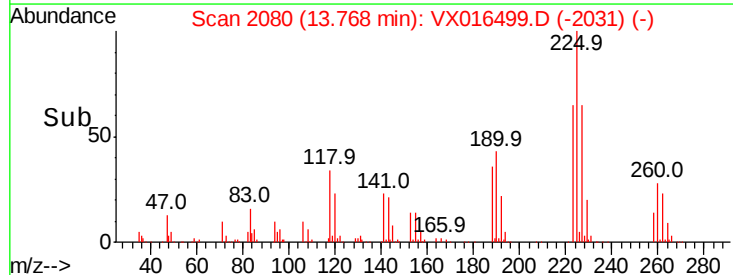
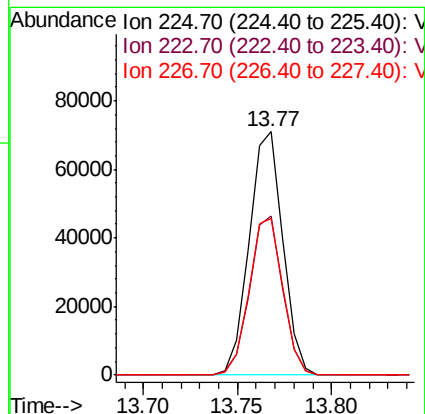
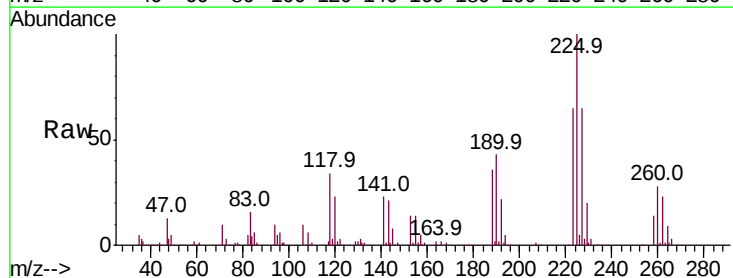
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

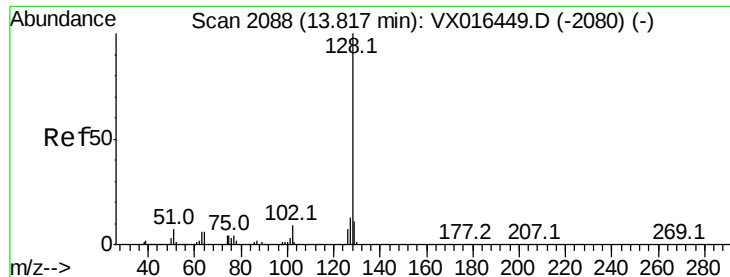
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.3	144.8
145	30.2	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 51.059 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.3	96.8
227	64.6	31.6	94.7





#95

Naphthalene

Concen: 52.481 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

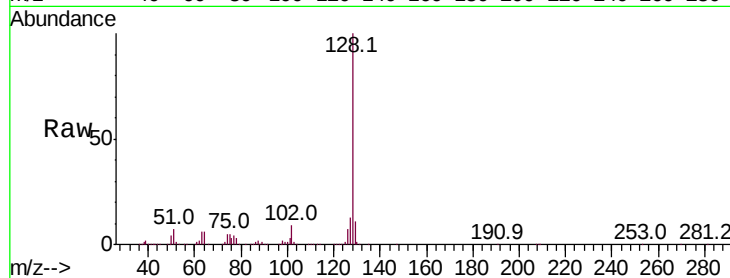
Tot Ion:128 Resp: 787246

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

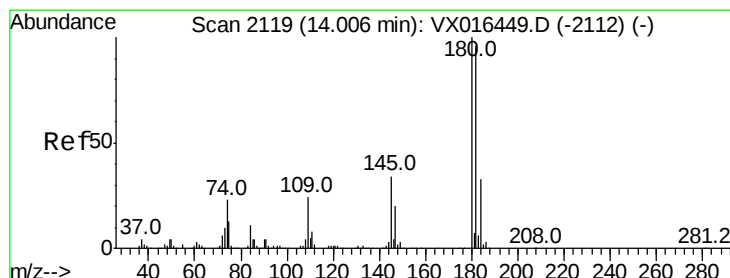
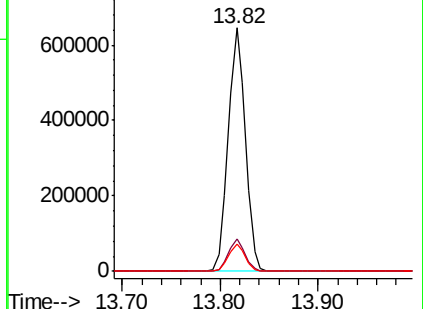
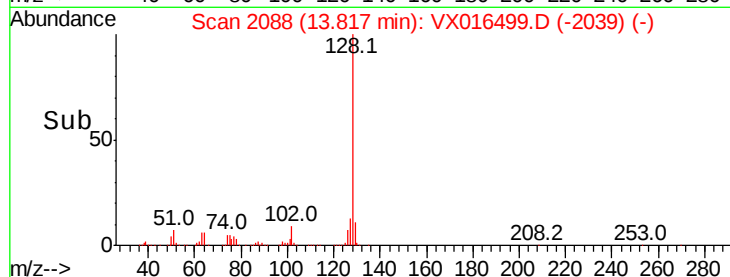
129 11.0 8.6 13.0



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: 53.342 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

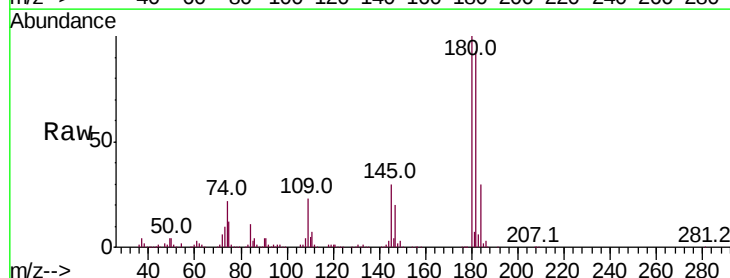
Tgt Ion:180 Resp: 228671

Ion Ratio Lower Upper

180 100

182 96.2 48.6 145.8

145 32.2 16.6 49.8



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

