

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016071.D
 Acq On : 05 May 2020 17:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 09:25:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	180317	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.47	113	141082	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
50) Toluene-d8	8.70	98	549566	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.12	95	210870	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	156274	48.998	ug/l	98
3) Chloromethane	1.31	50	174093	47.002	ug/l	99
4) Vinyl Chloride	1.39	62	187621	47.478	ug/l	100
5) Bromomethane	1.62	94	98250	49.316	ug/l	97
6) Chloroethane	1.71	64	117652	48.931	ug/l	98
7) Trichlorofluoromethane	1.92	101	251333	48.445	ug/l	99
8) Diethyl Ether	2.17	74	102901	47.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146630	48.988	ug/l	99
10) Methyl Iodide	2.49	142	186647	46.424	ug/l	100
11) Tert butyl alcohol	3.02	59	240763	240.124	ug/l	100
12) 1,1-Dichloroethene	2.36	96	151191	48.269	ug/l	97
13) Acrolein	2.28	56	124147	197.865	ug/l	99
14) Allyl chloride	2.71	41	277109	48.250	ug/l	98
15) Acrylonitrile	3.12	53	509147	244.779	ug/l	99
16) Acetone	2.42	43	425690	240.615	ug/l	99
17) Carbon Disulfide	2.55	76	454888	48.353	ug/l	100
18) Methyl Acetate	2.75	43	211272	48.568	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	536189	49.657	ug/l	99
20) Methylene Chloride	2.84	84	170693	46.802	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164322	47.077	ug/l	99
22) Diisopropyl ether	3.82	45	532678	49.164	ug/l	99
23) Vinyl Acetate	3.79	43	2391903	250.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	298791	49.298	ug/l	100
25) 2-Butanone	4.64	43	709250	248.785	ug/l	99
26) 2,2-Dichloropropane	4.56	77	259932	46.960	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	185525	48.618	ug/l	99
28) Bromochloromethane	4.98	49	130432	47.195	ug/l	99
29) Tetrahydrofuran	5.09	42	466244	246.823	ug/l	100
30) Chloroform	5.18	83	295712	49.002	ug/l	99
31) Cyclohexane	5.55	56	271271	49.248	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268006	48.858	ug/l	99
36) 1,1-Dichloropropene	5.77	75	226094	47.287	ug/l	100
37) Ethyl Acetate	4.79	43	271810	49.049	ug/l	99
38) Carbon Tetrachloride	5.76	117	239010	49.181	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	280548	48.724	ug/l	98
40) Benzene	6.12	78	674002	48.178	ug/l	99
41) Methacrylonitrile	5.01	41	144489	48.280	ug/l	99
42) 1,2-Dichloroethane	6.17	62	240795	47.781	ug/l	100
43) Isopropyl Acetate	6.42	43	430985	48.744	ug/l	99
44) Trichloroethene	7.19	130	224337	45.138	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172521	48.736	ug/l	97
46) Dibromomethane	7.64	93	115995	48.219	ug/l	100
47) Bromodichloromethane	7.88	83	241126	49.216	ug/l	99
48) Methyl methacrylate	7.74	41	205400	49.025	ug/l	99
49) 1,4-Dioxane	7.71	88	95230	947.726	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350241	249.550	ug/l	99
52) Toluene	8.77	92	426363	48.895	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	282747	48.403	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293988	48.182	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	169387	49.373	ug/l	99
56) Ethyl methacrylate	9.16	69	282910	50.519	ug/l	98
57) 1,3-Dichloropropane	9.35	76	294994	49.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	737950	247.521	ug/l	99
59) 2-Hexanone	9.48	43	1050186	247.152	ug/l	99
60) Dibromochloromethane	9.57	129	191082	50.571	ug/l	99
61) 1,2-Dibromoethane	9.65	107	184609	49.678	ug/l	100
64) Tetrachloroethene	9.32	164	260517	46.741	ug/l	96
65) Chlorobenzene	10.12	112	448985	47.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	172966	49.226	ug/l	98
67) Ethyl Benzene	10.24	91	820815	48.391	ug/l	99
68) m/p-Xylenes	10.34	106	620202	97.592	ug/l	99
69) o-Xylene	10.68	106	297682	48.731	ug/l	99
70) Styrene	10.70	104	514695	49.665	ug/l	100
71) Bromoform	10.84	173	144376	50.433	ug/l #	99
73) Isopropylbenzene	11.00	105	799290	48.294	ug/l	99
74) N-amyl acetate	10.88	43	376436	48.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176017	53.652	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	340319	65.908	ug/l	83
77) Bromobenzene	11.24	156	201543	47.179	ug/l	99
78) n-propylbenzene	11.35	91	932486	48.431	ug/l	100
79) 2-Chlorotoluene	11.40	91	548357	48.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	683487	48.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	105227	48.564	ug/l	100
82) 4-Chlorotoluene	11.49	91	650342	48.458	ug/l	99
83) tert-Butylbenzene	11.76	119	587351	48.772	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	692845	49.042	ug/l	99
85) sec-Butylbenzene	11.93	105	781923	48.089	ug/l	100
86) p-Isopropyltoluene	12.05	119	727451	48.187	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	359353	46.849	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	357075	45.866	ug/l	99
89) n-Butylbenzene	12.37	91	654926	47.488	ug/l	99
90) Hexachloroethane	12.58	117	127289	49.096	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	344433	46.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64047	47.063	ug/l	98

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QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	263627	48.211	ug/l	96
94) Hexachlorobutadiene	13.77	225	115860	49.214	ug/l	97
95) Naphthalene	13.82	128	856332	48.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	252458	47.240	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

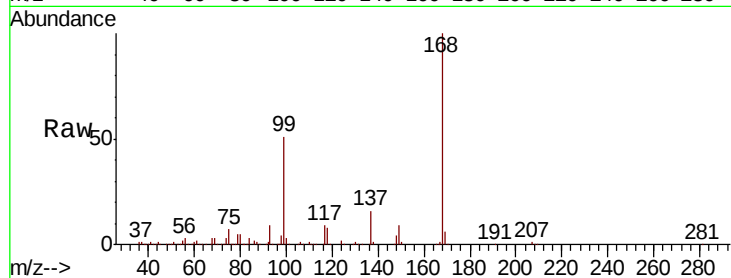
VSTDCCC050EC

Tot Ion:168 Resp: 301320

Ion Ratio Lower Upper

168 100

99 51.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

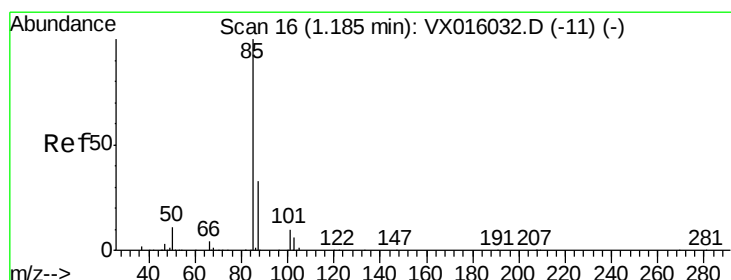
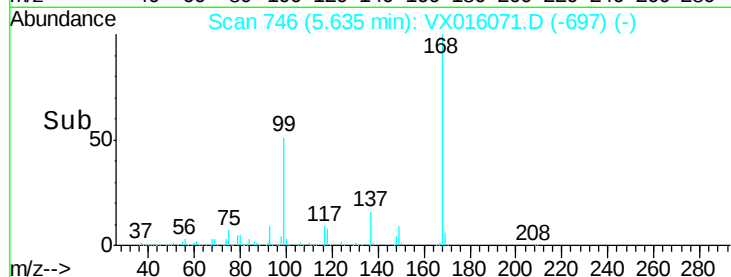
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.998 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016071.D

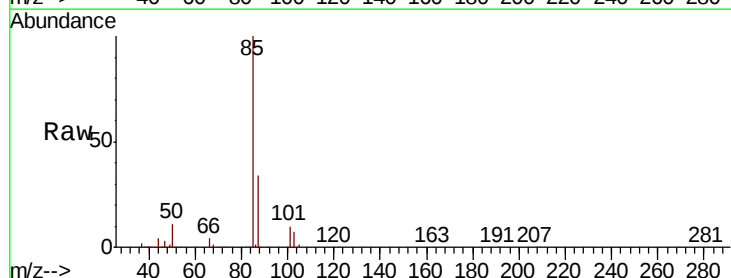
Acq: 05 May 2020 17:59

Tgt Ion: 85 Resp: 156274

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

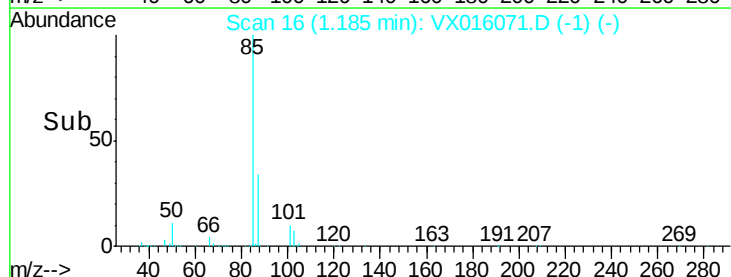
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.002 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

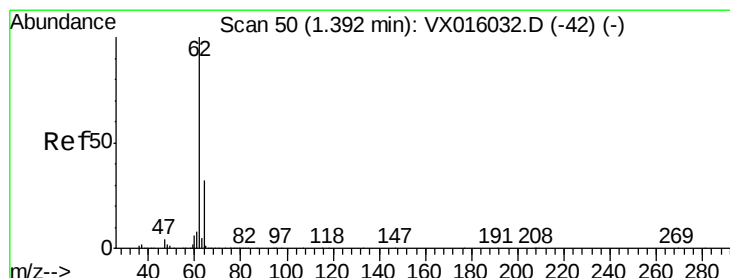
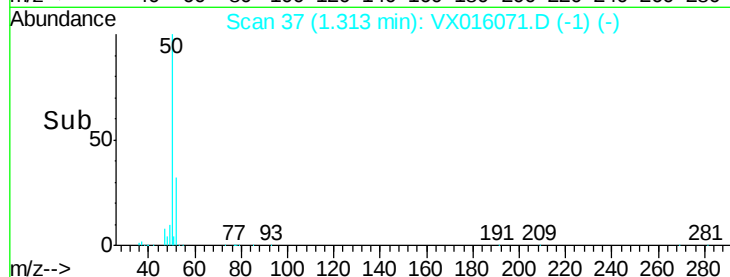
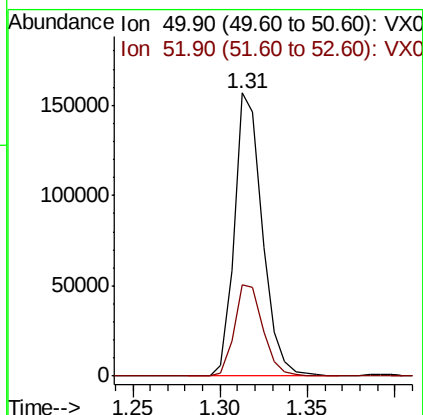
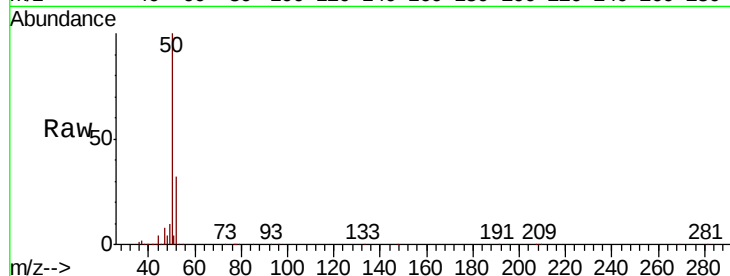
VSTDCCC050EC

Tot Ion: 50 Resp: 174093

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



#4

Vinyl Chloride

Concen: 47.478 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016071.D

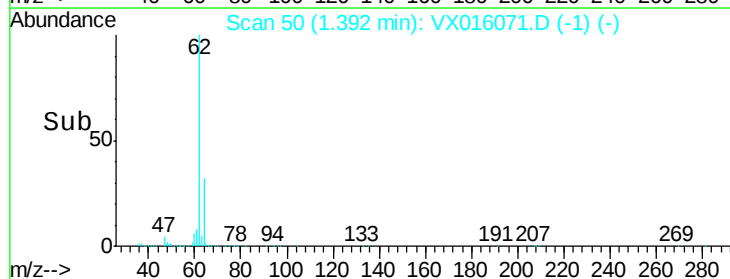
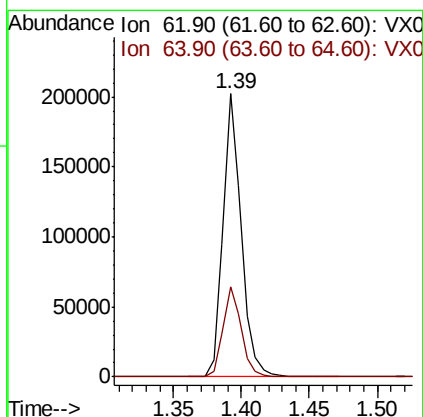
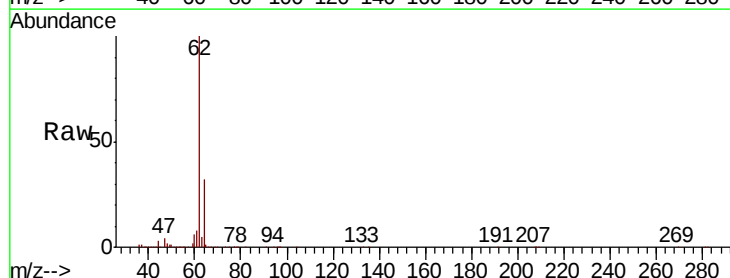
Acq: 05 May 2020 17:59

Tgt Ion: 62 Resp: 187621

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 49.316 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

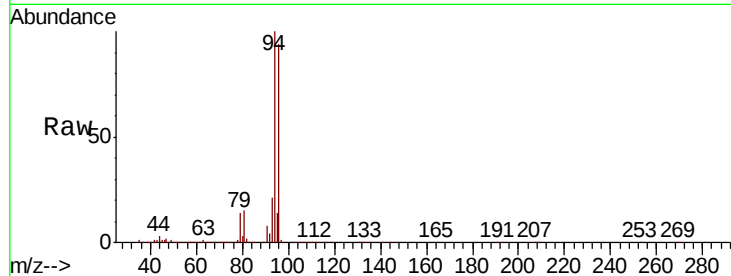
VSTDCCC050EC

Tot Ion: 94 Resp: 98250

Ion Ratio Lower Upper

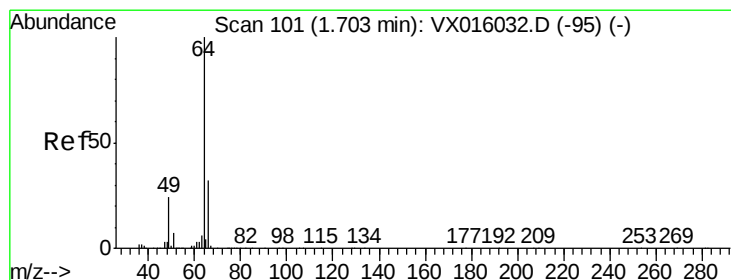
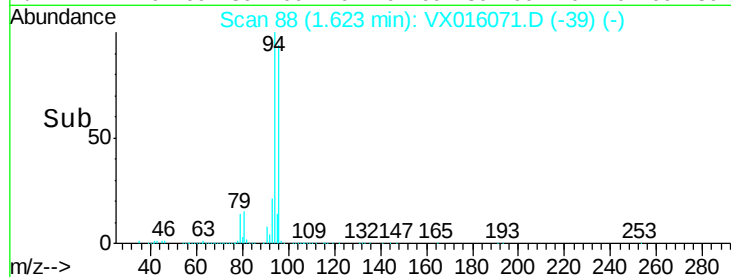
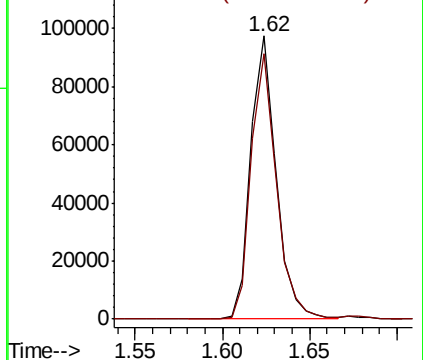
94 100

96 93.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.931 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016071.D

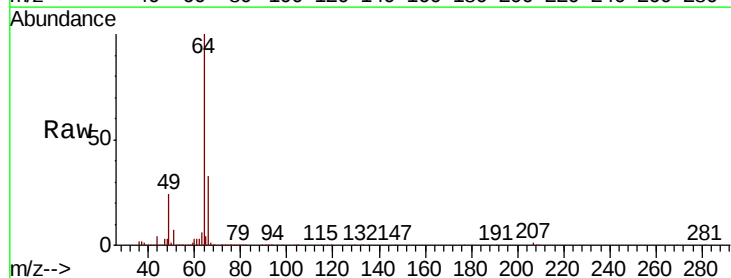
Acq: 05 May 2020 17:59

Tgt Ion: 64 Resp: 117652

Ion Ratio Lower Upper

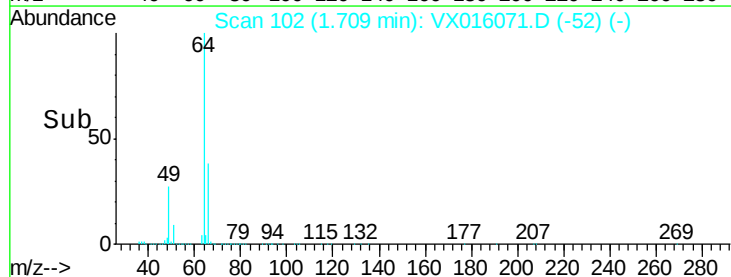
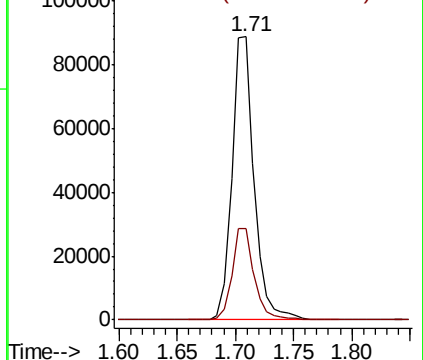
64 100

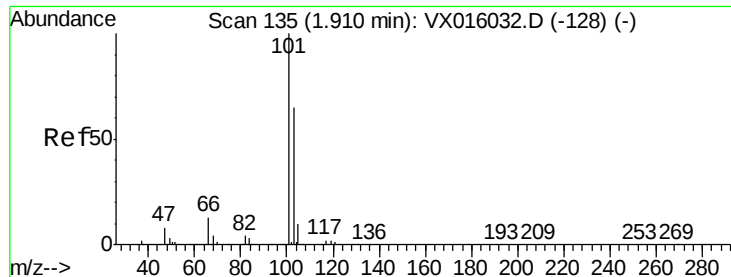
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



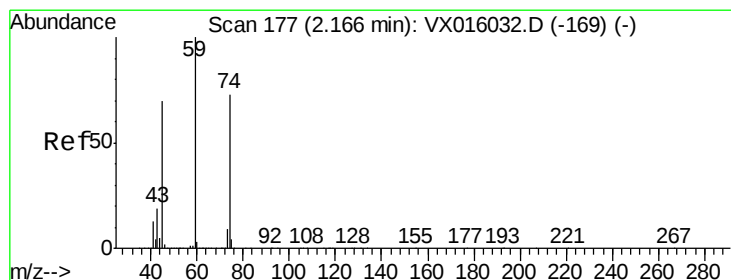
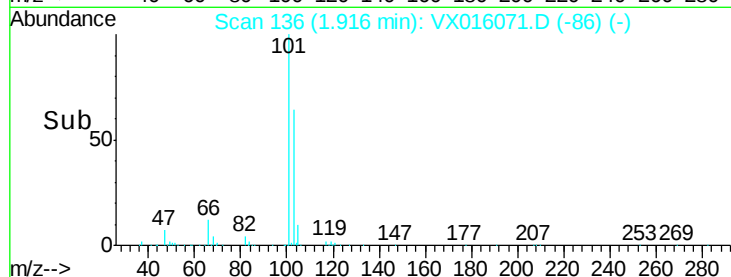
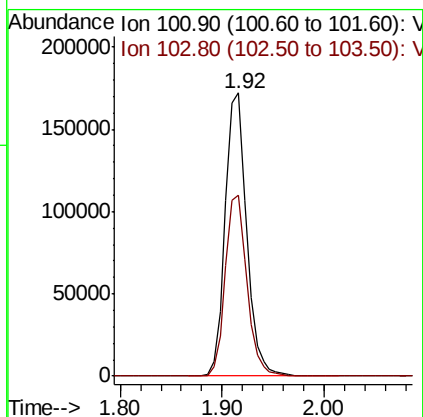
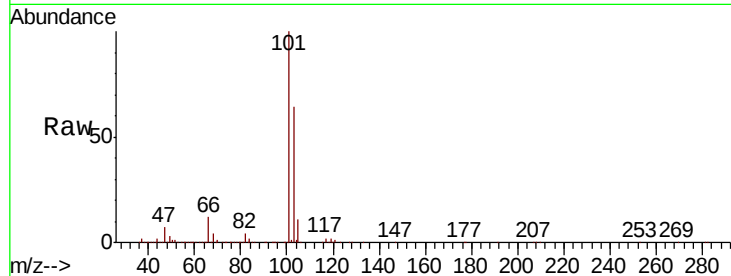


#7

Trichlorofluoromethane
 Concen: 48.445 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

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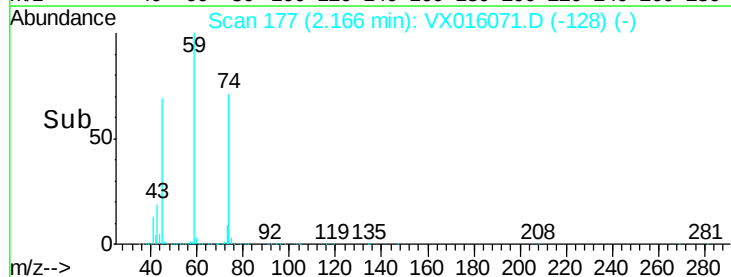
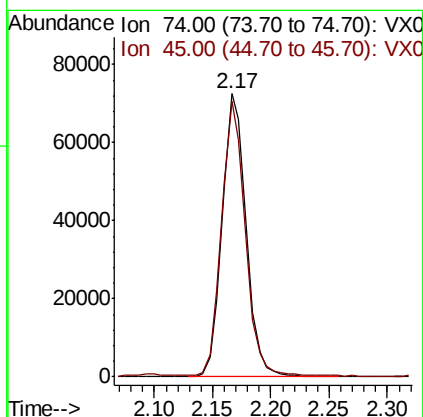
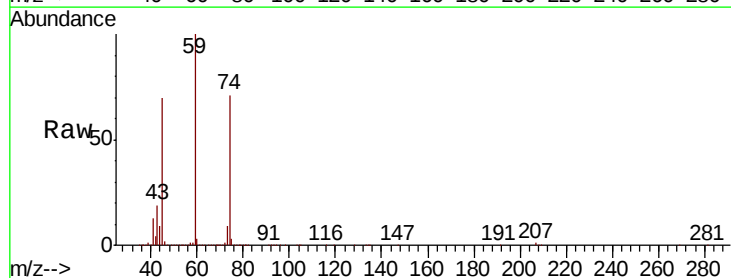
Tot Ion: 101 Resp: 251333
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6

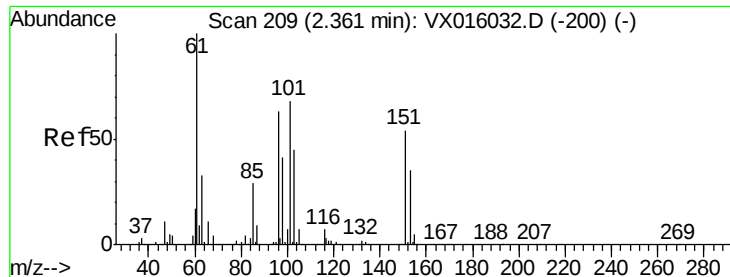


#8

Diethyl Ether
 Concen: 47.074 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion: 74 Resp: 102901
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.988 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

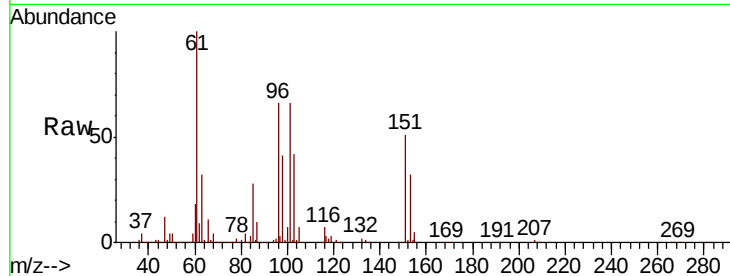
Tot Ion:101 Resp: 146630

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

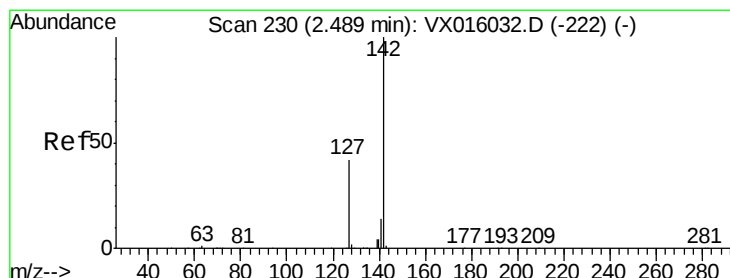
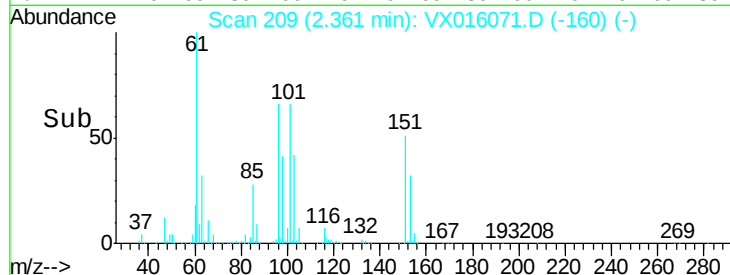
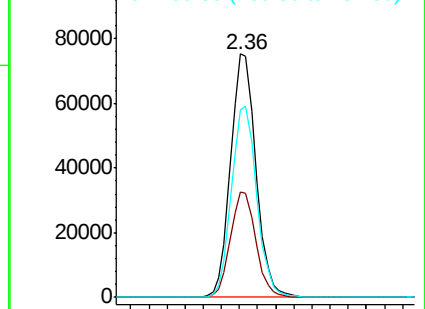
151 78.5 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.424 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

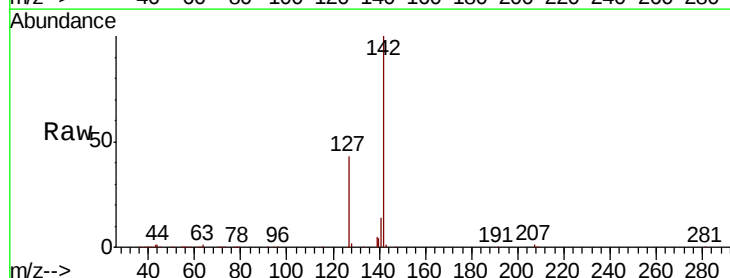
Tgt Ion:142 Resp: 186647

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

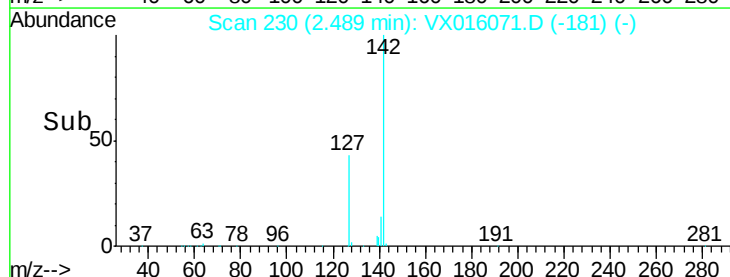
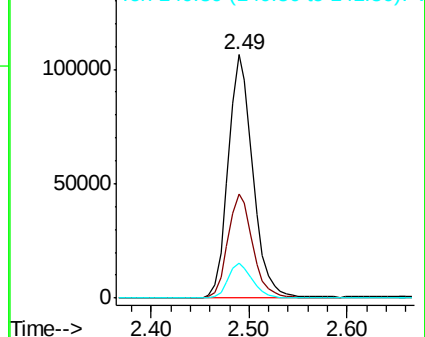
141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



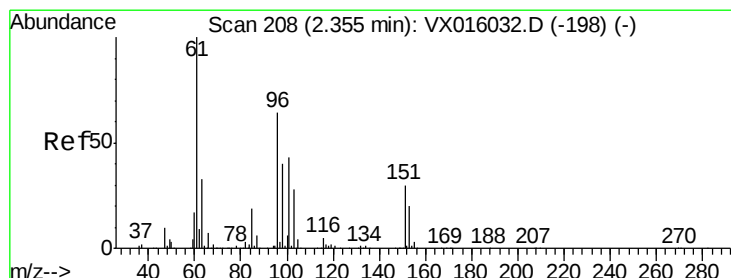
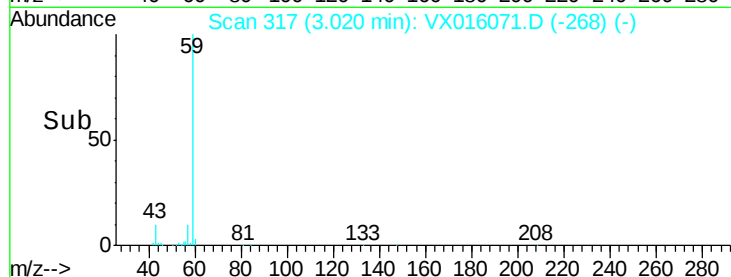
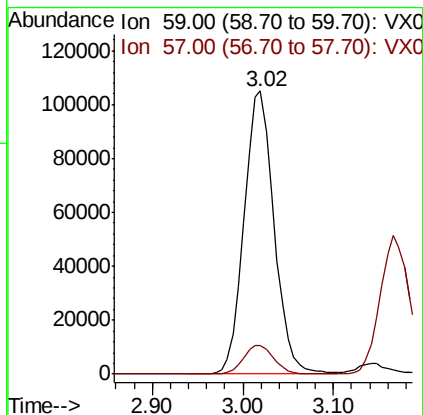
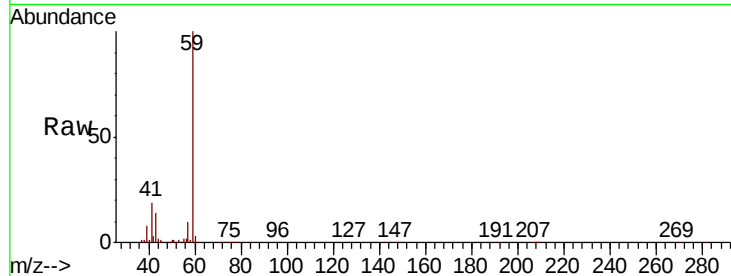


#11

Tert butyl alcohol
 Concen: 240.124 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

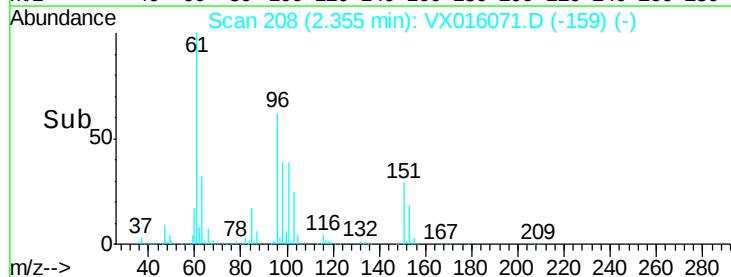
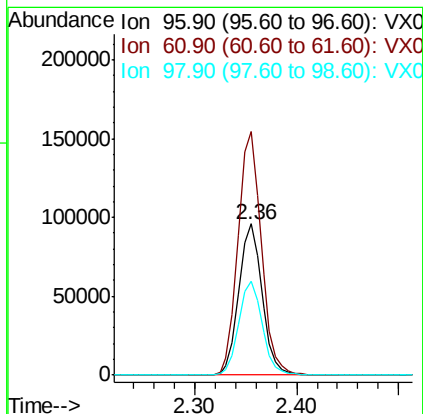
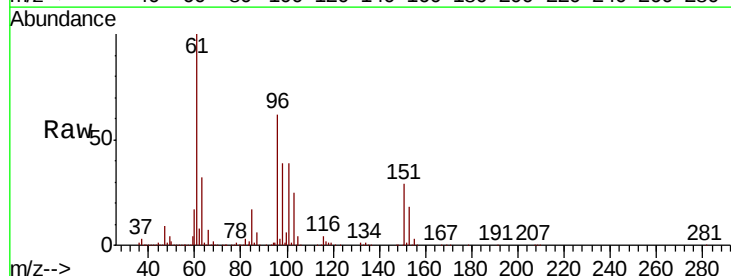
Tot Ion: 59 Resp: 240763
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

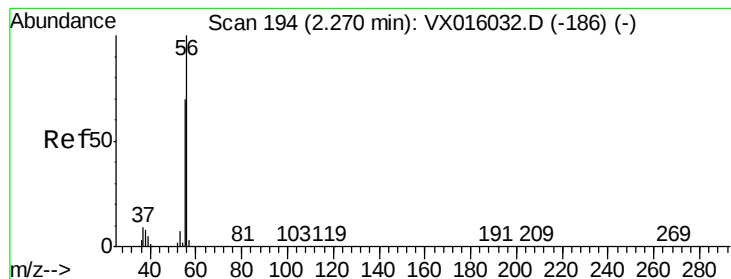


#12

1,1-Dichloroethene
 Concen: 48.269 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion: 96 Resp: 151191
 Ion Ratio Lower Upper
 96 100
 61 161.4 124.8 187.2
 98 62.5 49.7 74.5





#13

Acrolein

Concen: 197.865 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

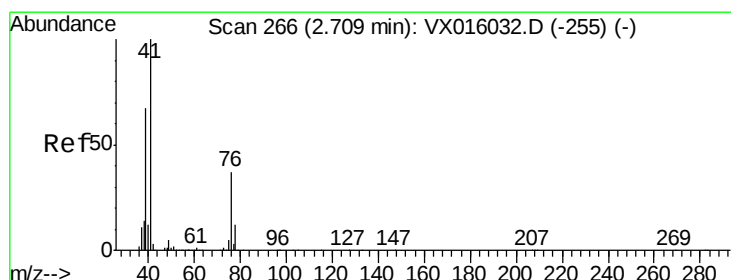
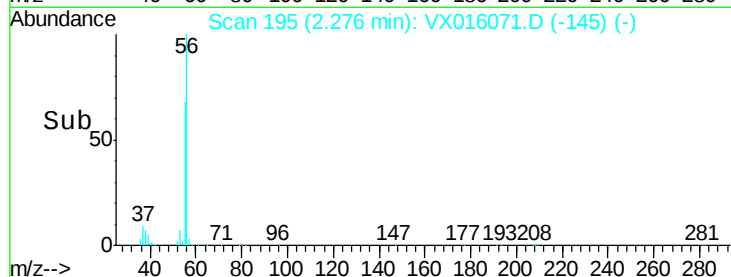
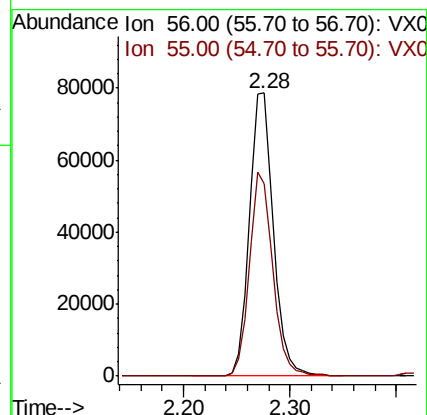
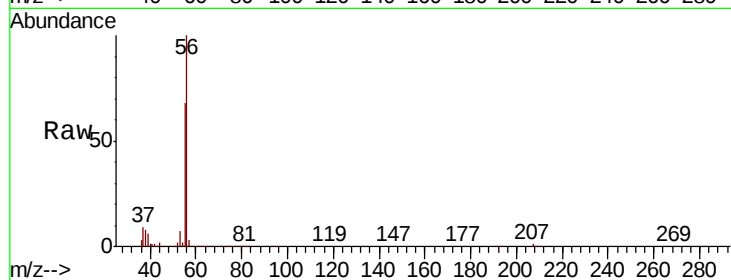
VSTDCCC050EC

Tot Ion: 56 Resp: 124147

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 48.250 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

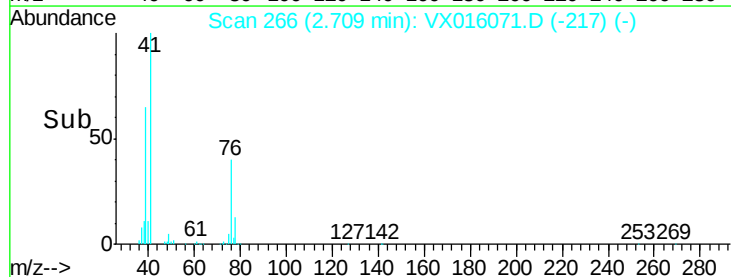
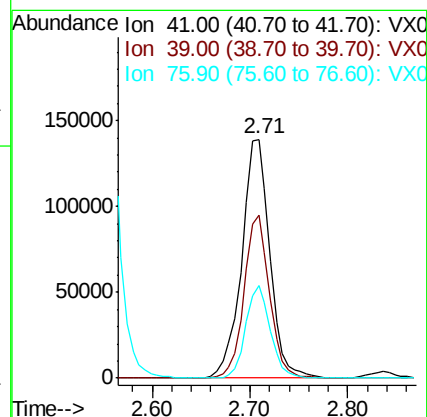
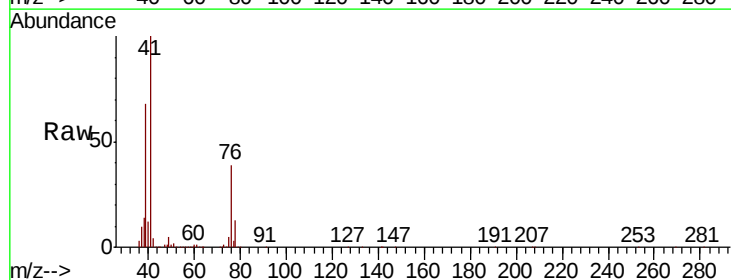
Tgt Ion: 41 Resp: 277109

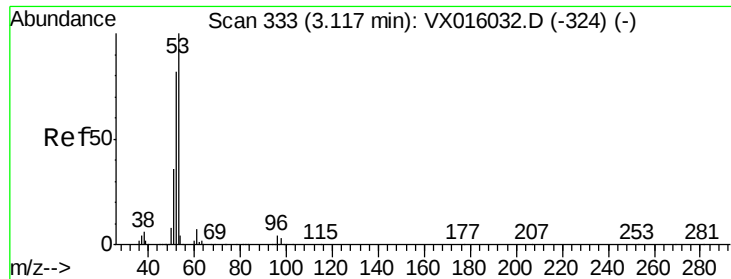
Ion Ratio Lower Upper

41 100

39 61.5 50.5 75.7

76 33.6 26.6 40.0





#15

Acrylonitrile

Concen: 244.779 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

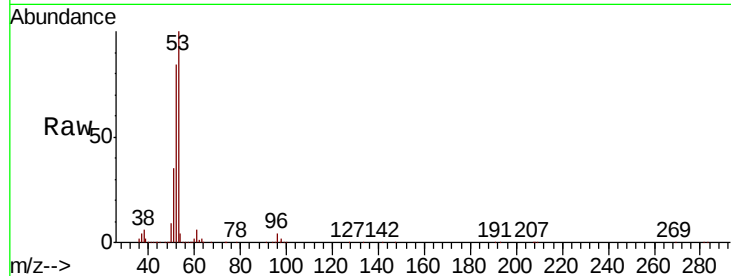
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 509147

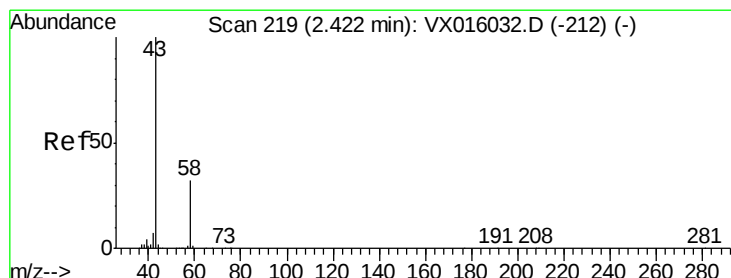
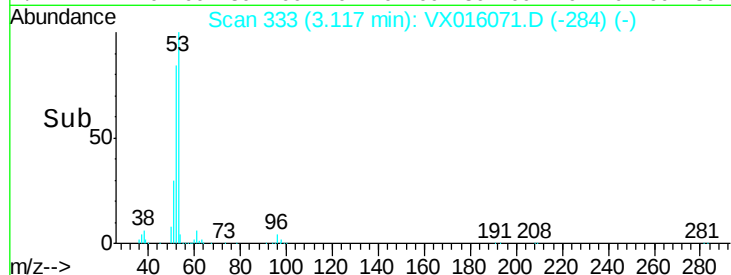
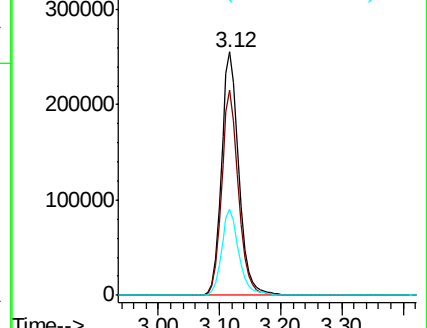
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.2	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.615 ug/l

RT: 2.42 min Scan# 219

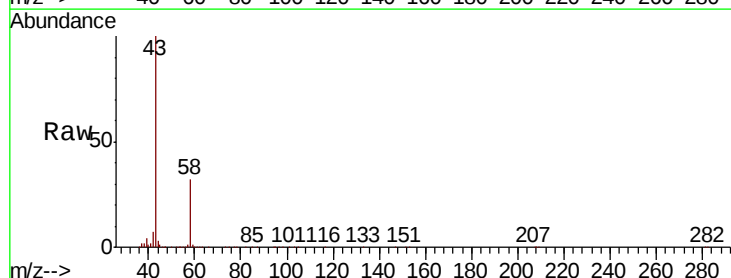
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

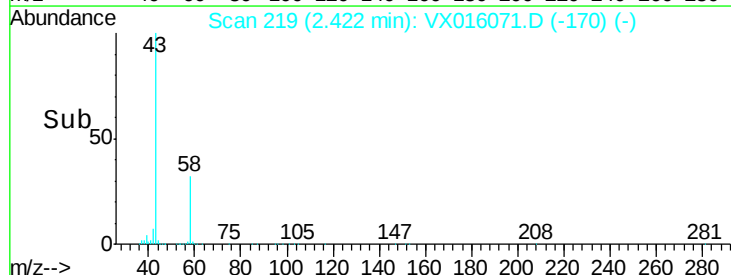
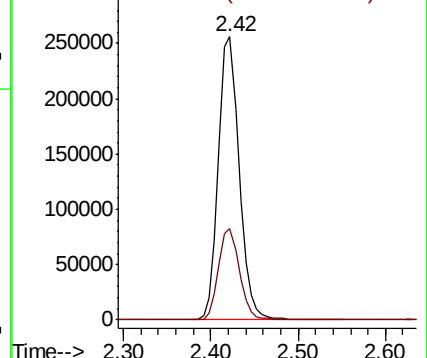
Tgt Ion: 43 Resp: 425690

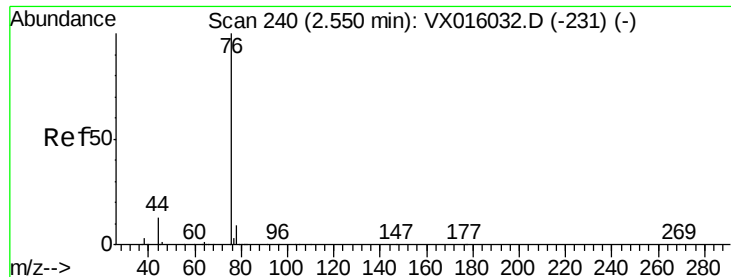
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.353 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

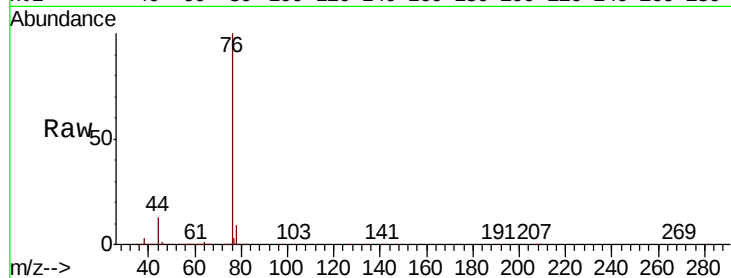
VSTDCCC050EC

Tot Ion: 76 Resp: 454888

Ion Ratio Lower Upper

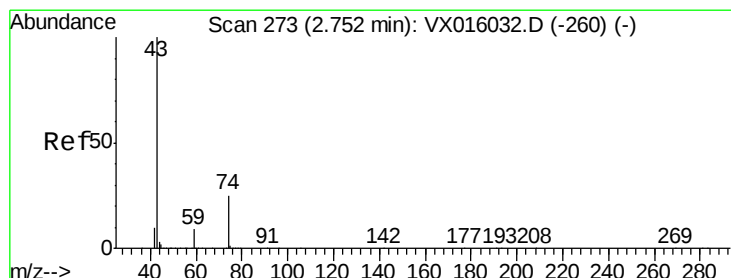
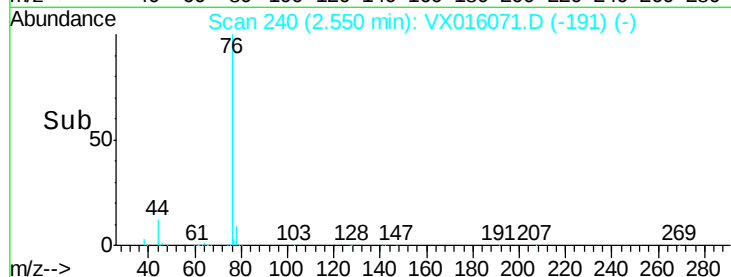
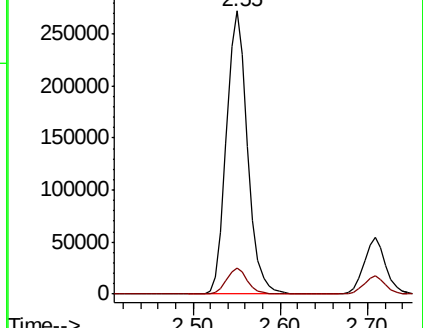
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.568 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016071.D

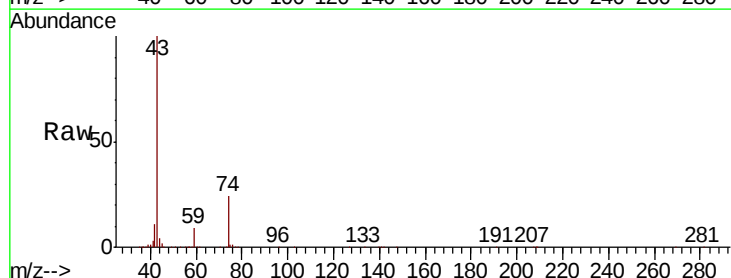
Acq: 05 May 2020 17:59

Tgt Ion: 43 Resp: 211272

Ion Ratio Lower Upper

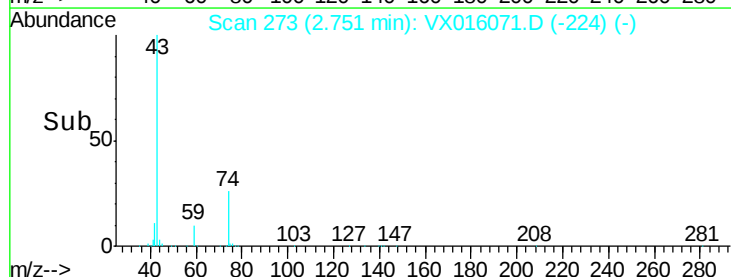
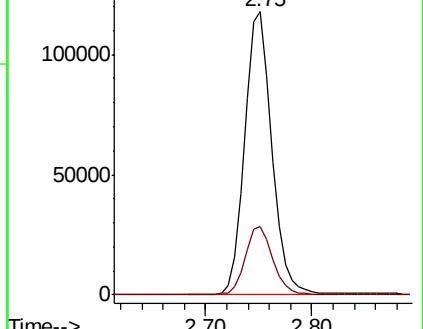
43 100

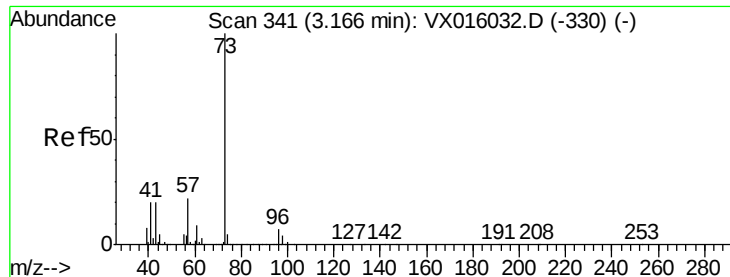
74 24.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

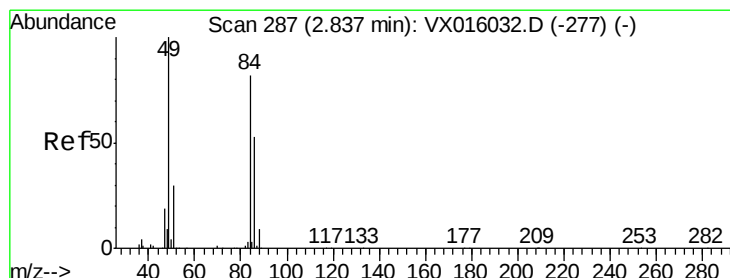
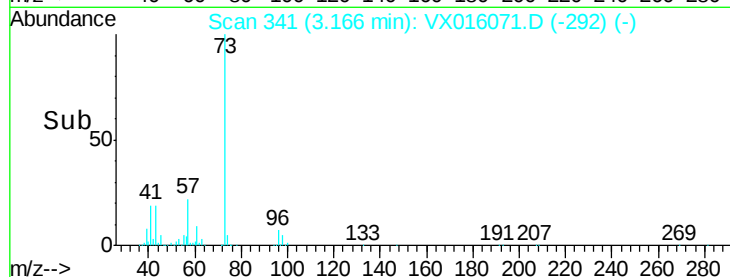
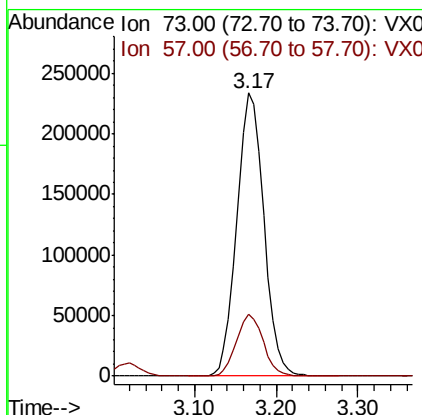
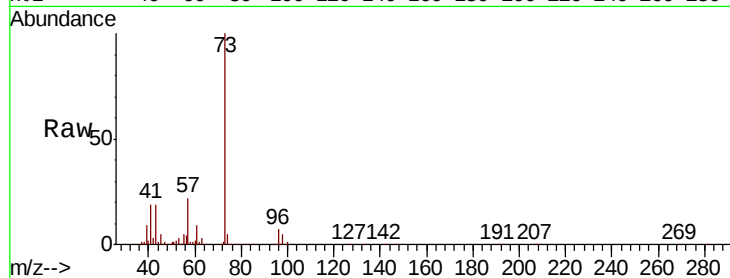




#19
Methyl tert-butyl Ether
Concen: 49.657 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

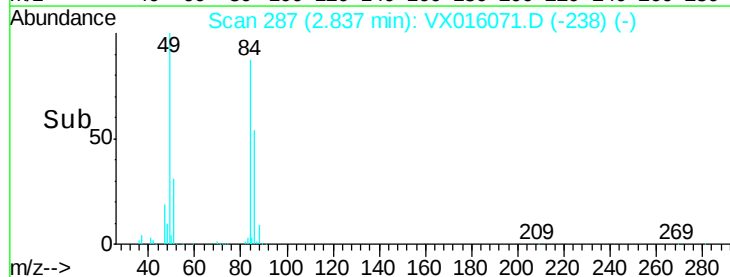
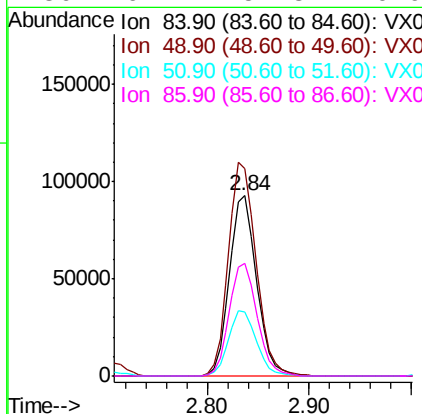
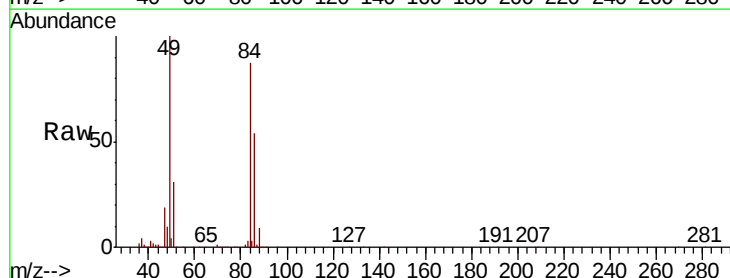
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 536189
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 46.802 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 84 Resp: 170693
Ion Ratio Lower Upper
84 100
49 115.4 97.3 145.9
51 35.8 29.3 43.9
86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.077 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

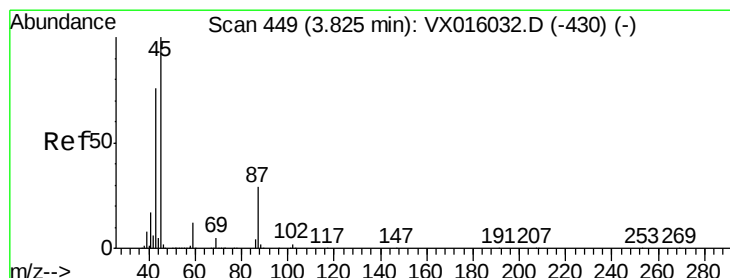
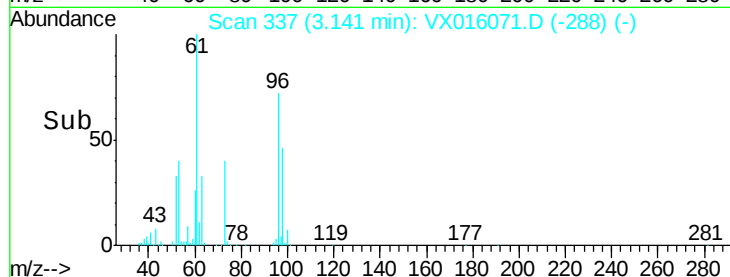
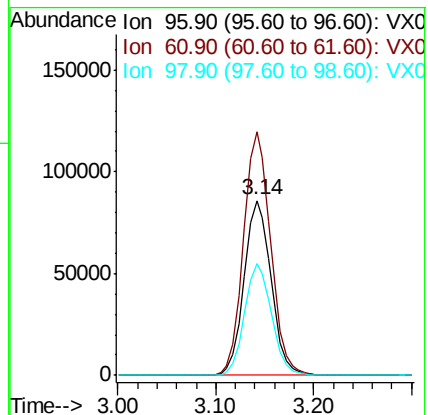
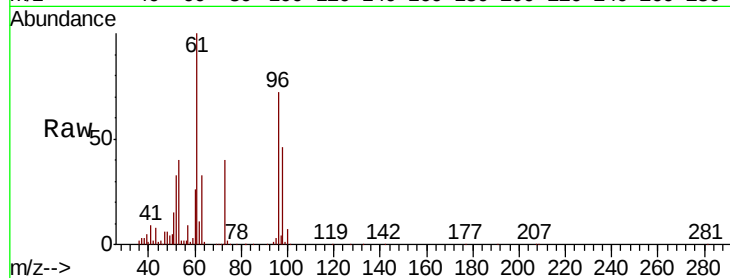
Tot Ion: 96 Resp: 164322

Ion Ratio Lower Upper

96 100

61 139.6 111.2 166.8

98 64.3 50.2 75.4



#22

Diisopropyl ether

Concen: 49.164 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion: 45 Resp: 532678

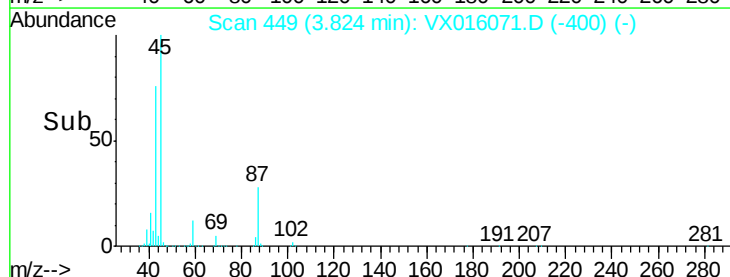
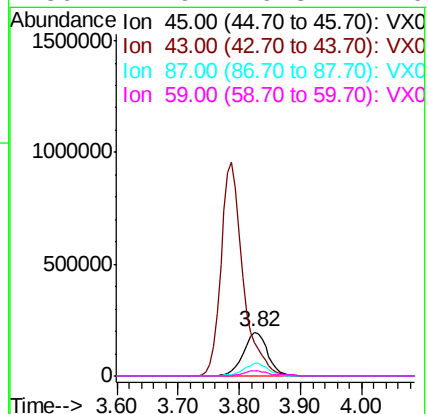
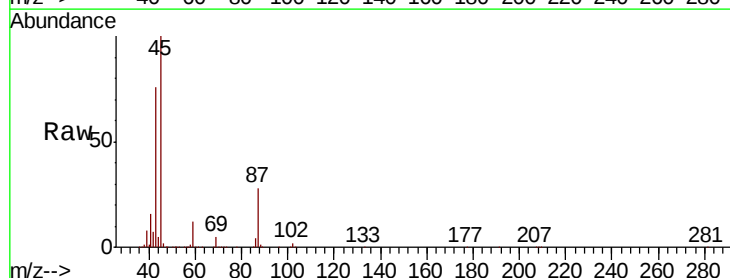
Ion Ratio Lower Upper

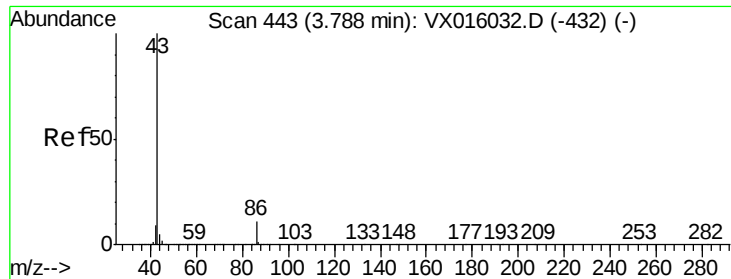
45 100

43 76.2 61.1 91.7

87 28.1 23.0 34.6

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 250.927 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

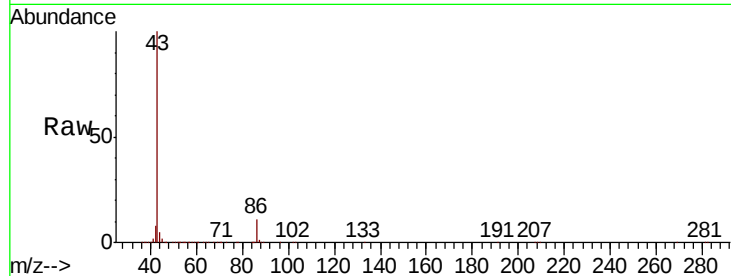
VSTDCCC050EC

Tot Ion: 43 Resp: 2391903

Ion Ratio Lower Upper

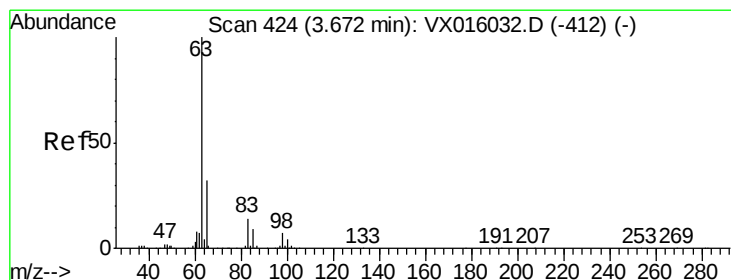
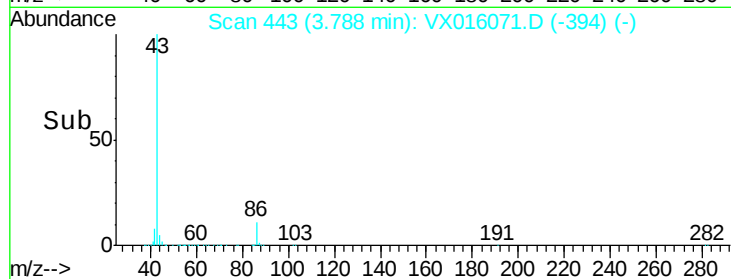
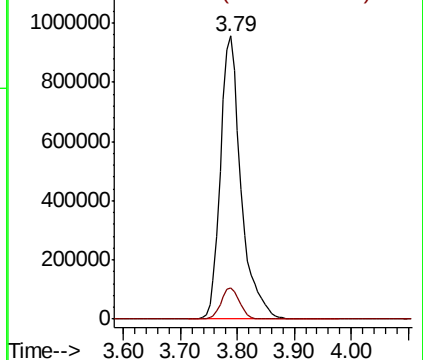
43 100

86 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.298 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

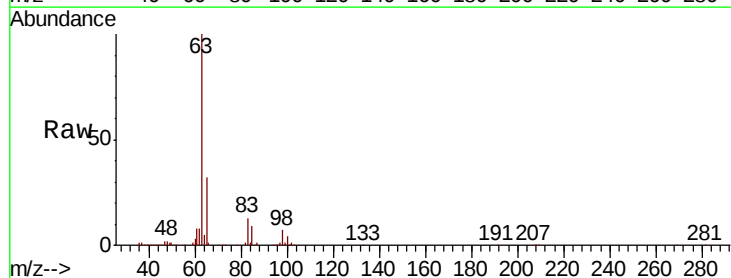
Tgt Ion: 63 Resp: 298791

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

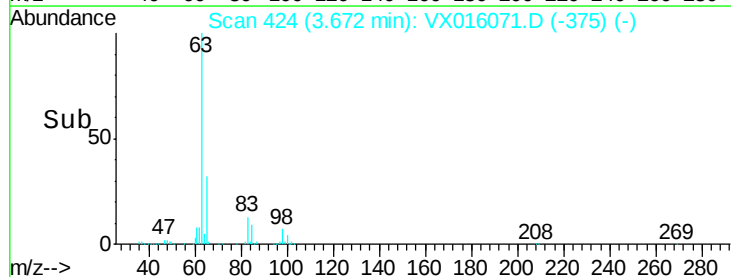
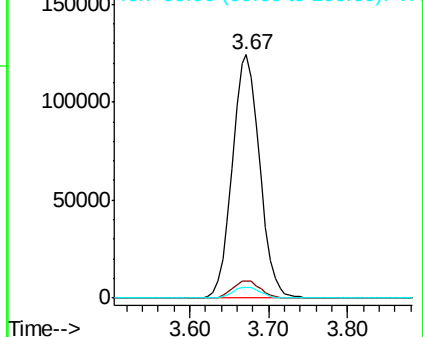
100 4.5 2.1 6.5

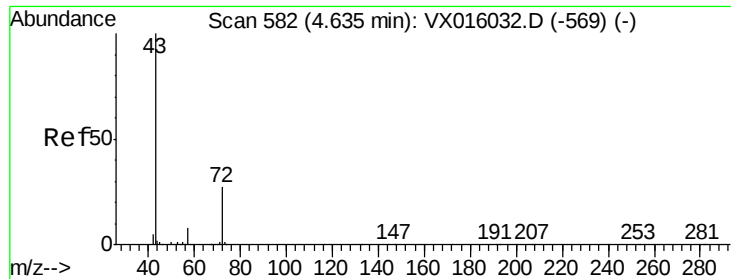


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

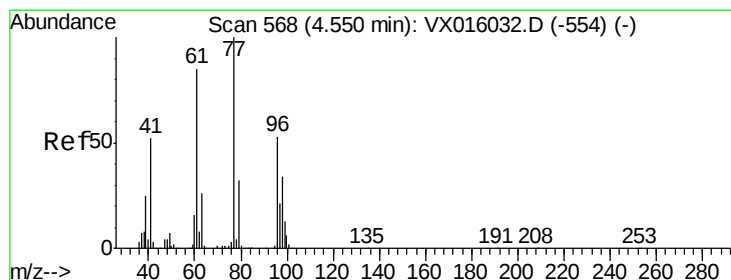
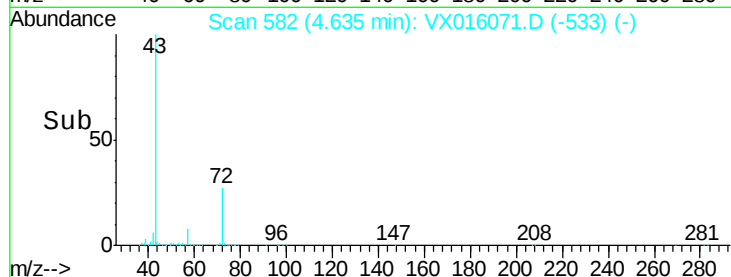
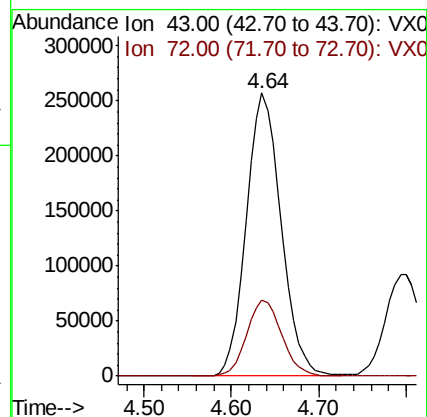
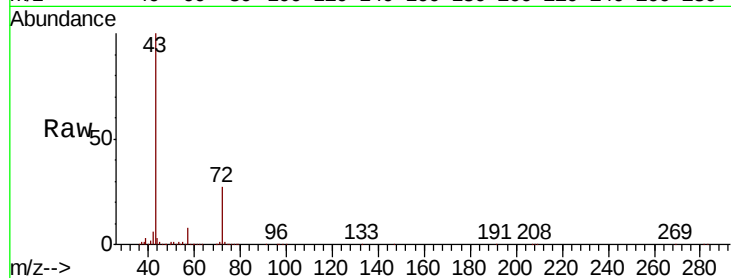




#25
2-Butanone
Concen: 248.785 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

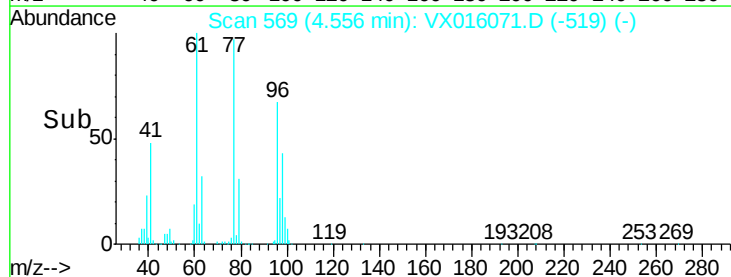
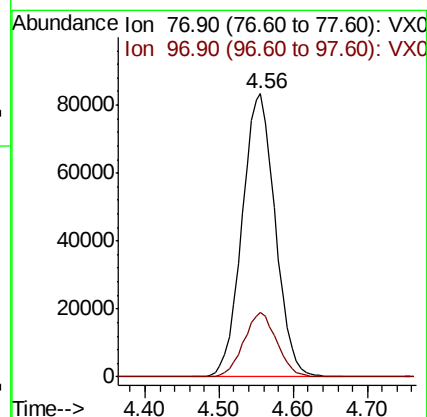
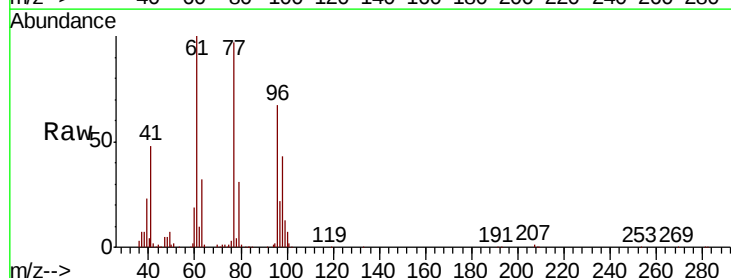
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

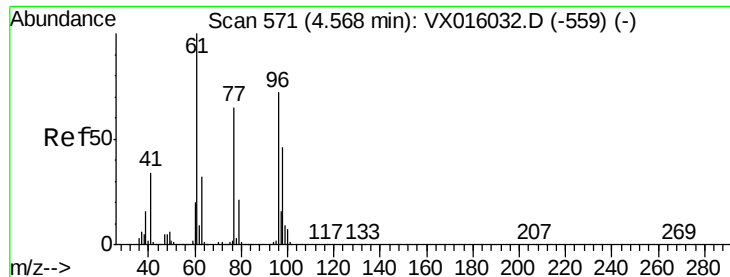
Tot Ion: 43 Resp: 709250
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.8



#26
2,2-Dichloropropane
Concen: 46.960 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 77 Resp: 259932
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6



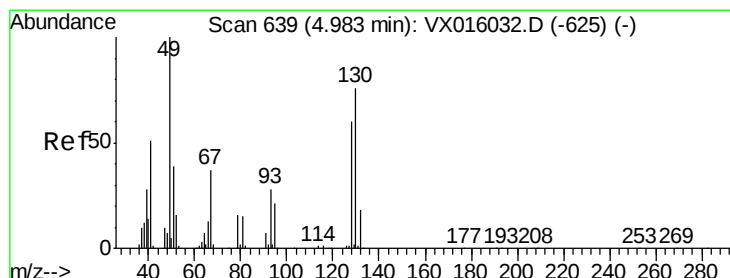
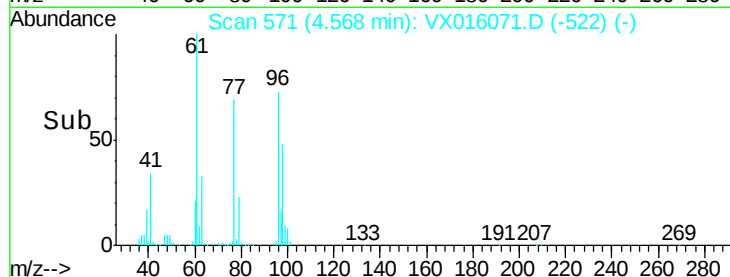
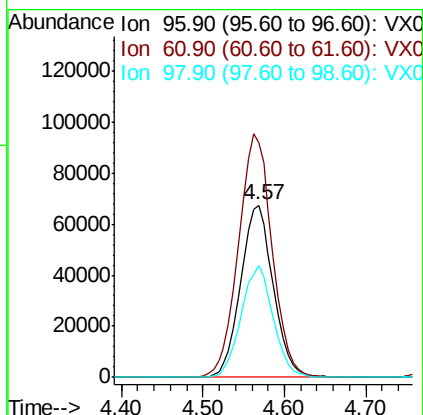
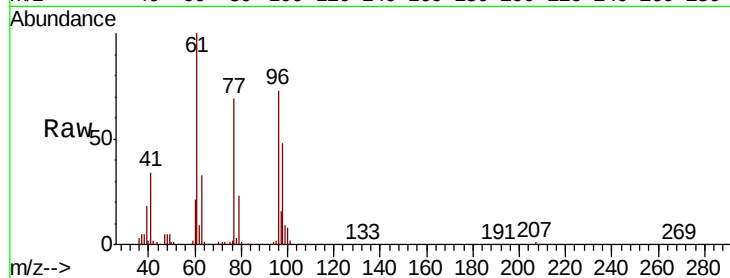


#27

cis-1,2-Dichloroethene
Concen: 48.618 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

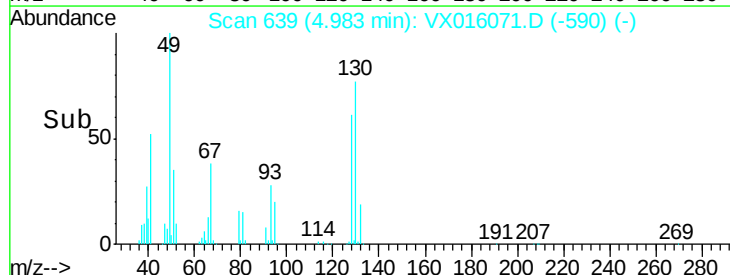
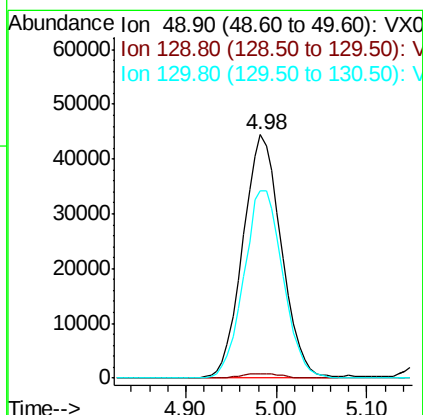
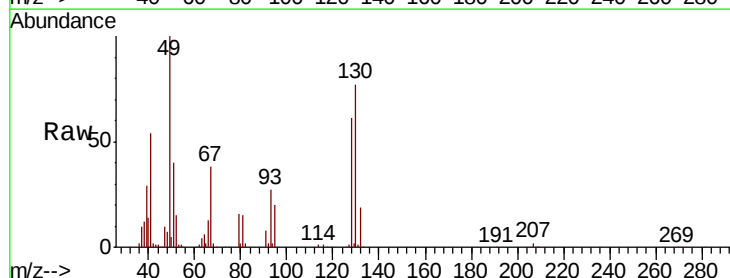
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	296.2
98	64.5	0.0	129.4

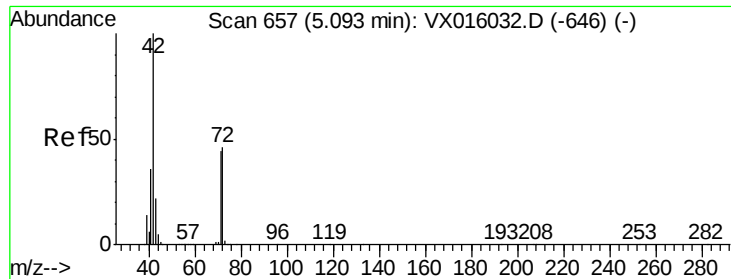


#28

Bromochloromethane
Concen: 47.195 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.6	62.4	93.6





#29

Tetrahydrofuran

Concen: 246.823 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

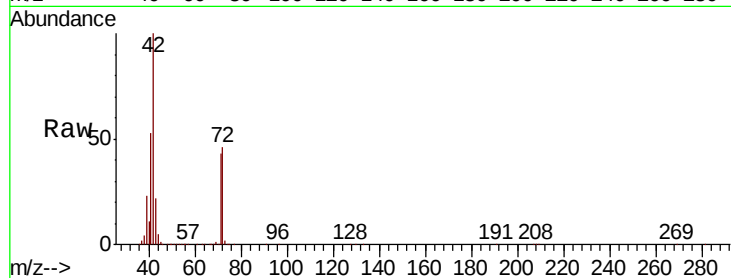
Tot Ion: 42 Resp: 466244

Ion Ratio Lower Upper

42 100

72 46.7 37.1 55.7

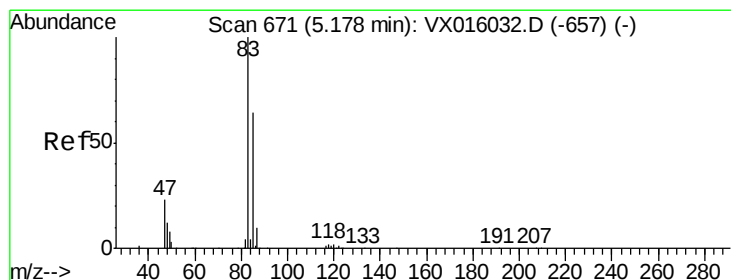
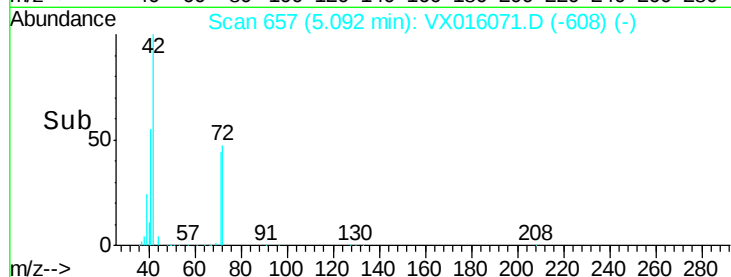
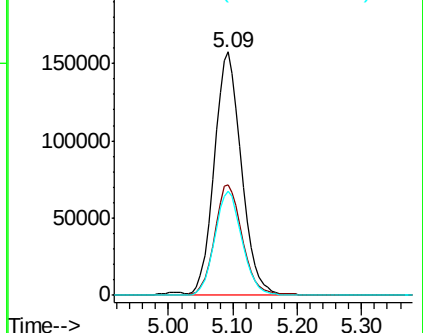
71 43.3 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.002 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016071.D

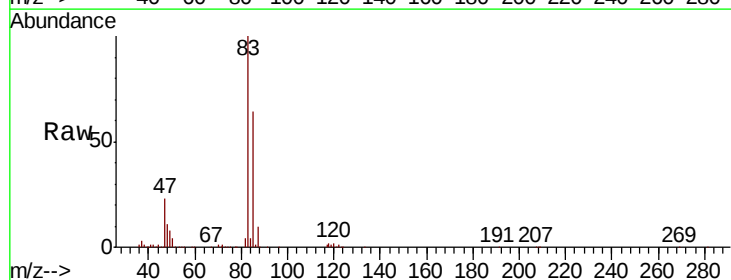
Acq: 05 May 2020 17:59

Tgt Ion: 83 Resp: 295712

Ion Ratio Lower Upper

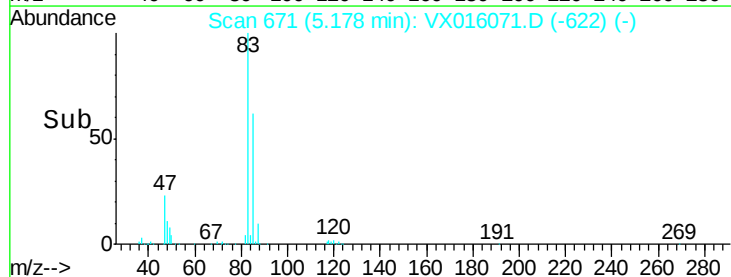
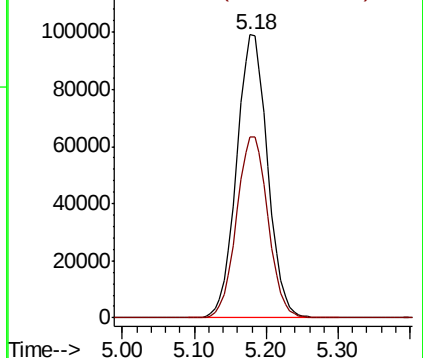
83 100

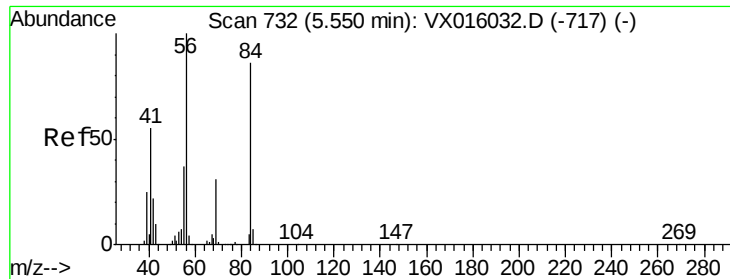
85 63.7 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

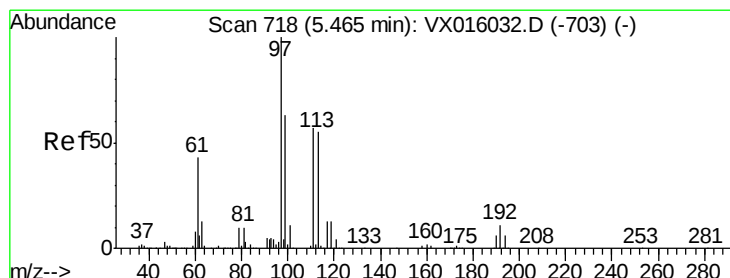
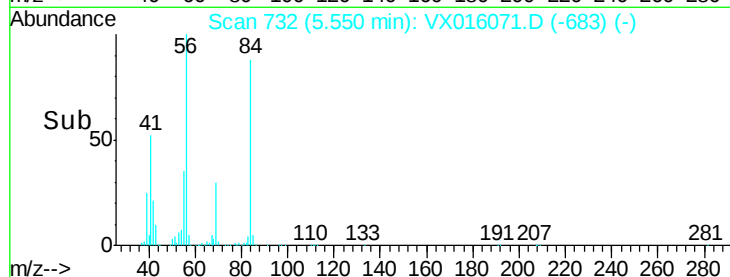
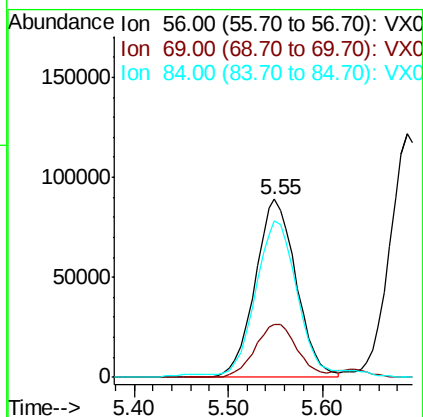
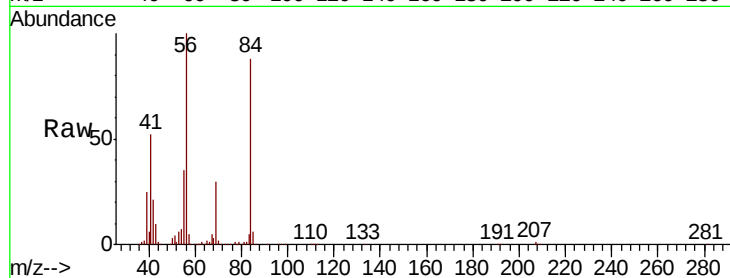




#31
Cyclohexane
Concen: 49.248 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

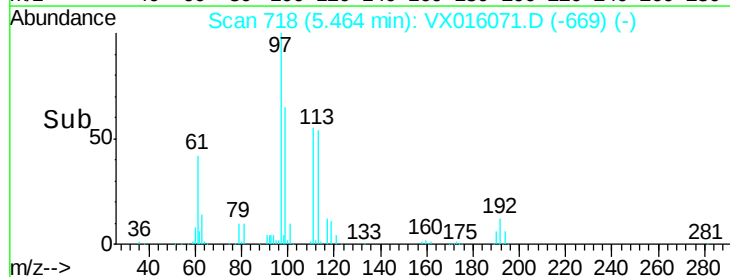
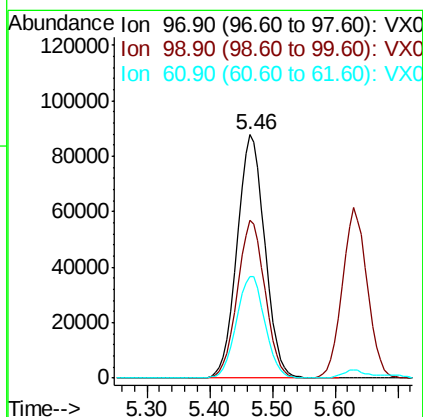
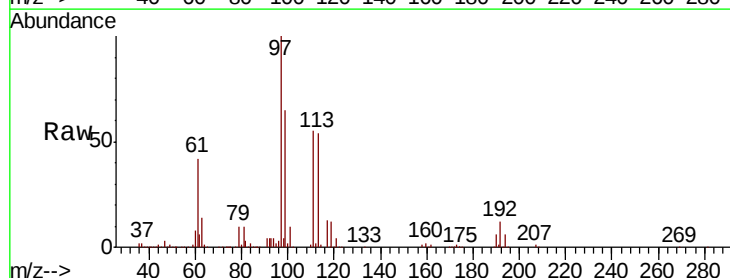
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 271271
Ion Ratio Lower Upper
56 100
69 29.7 25.0 37.6
84 86.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.858 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 97 Resp: 268006
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 43.1 34.5 51.7

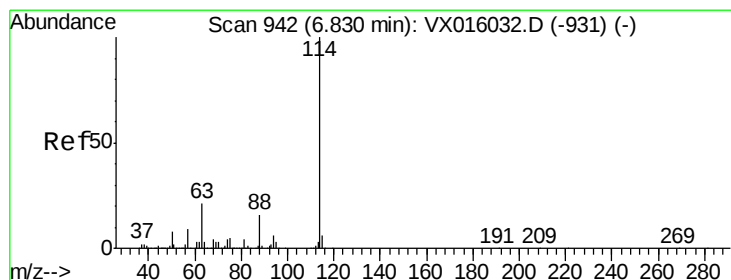
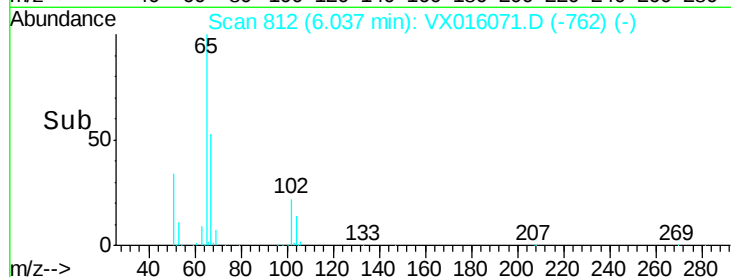
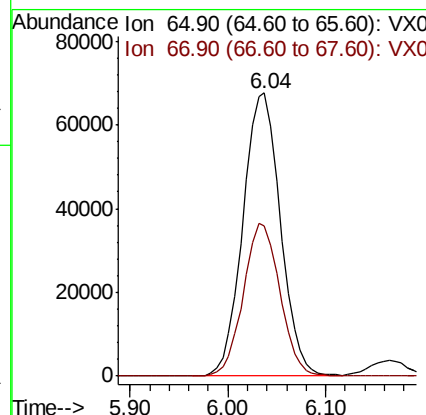
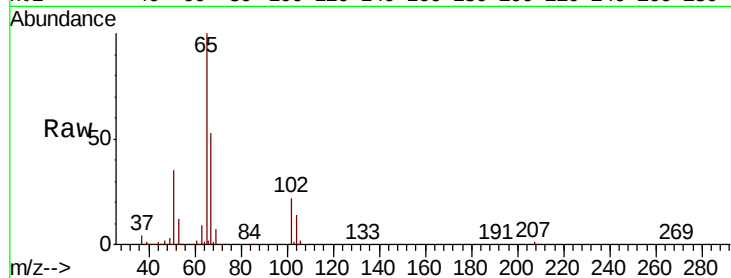




#33
 1,2-Dichloroethane-d4
 Concen: 45.476 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

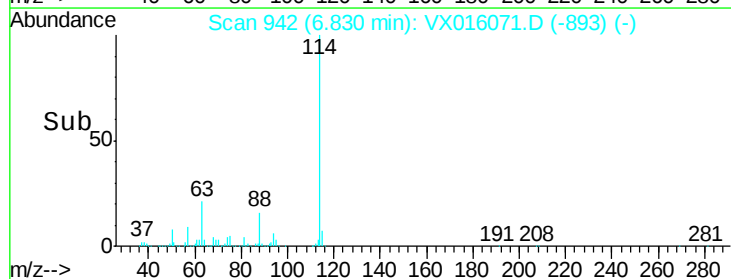
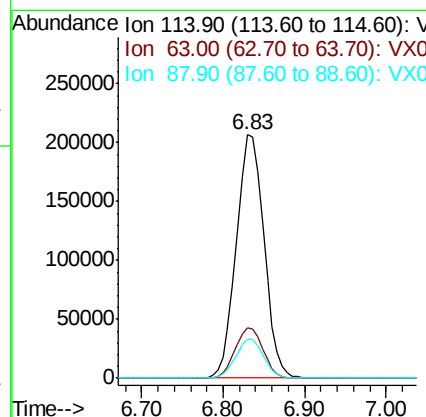
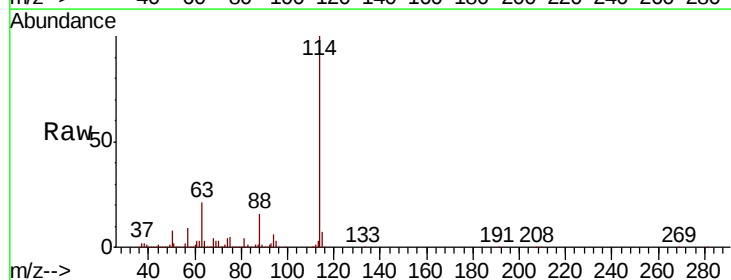
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 180317
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion: 114 Resp: 485723
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.847 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

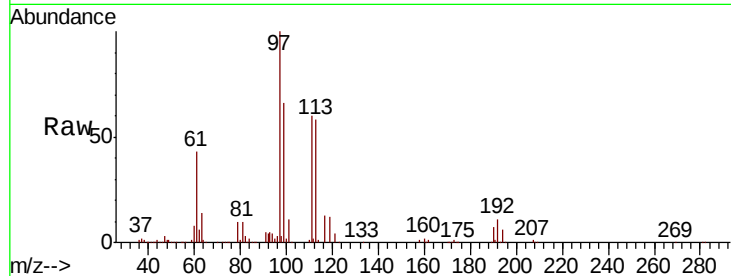
Tot Ion:113 Resp: 141082

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

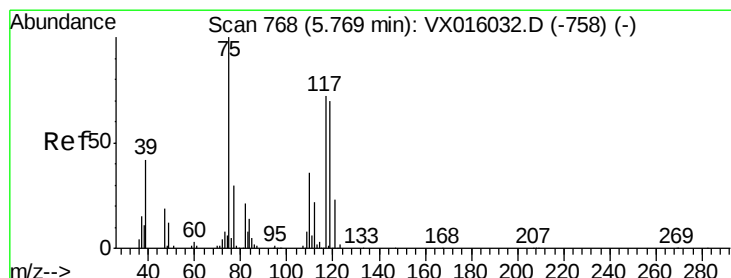
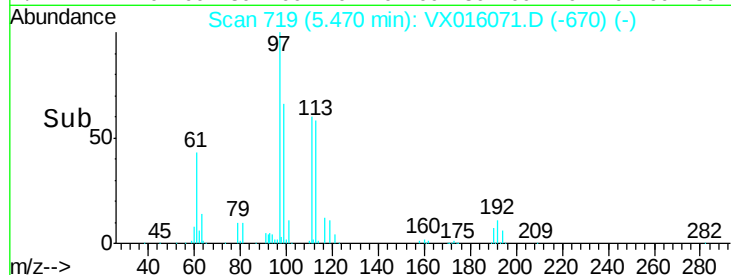
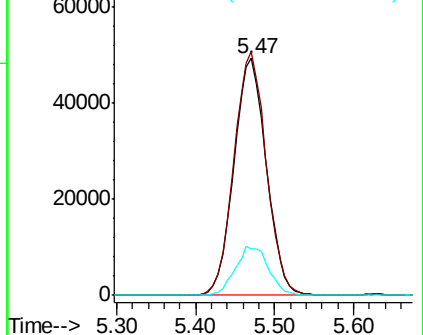
192 21.0 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.287 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

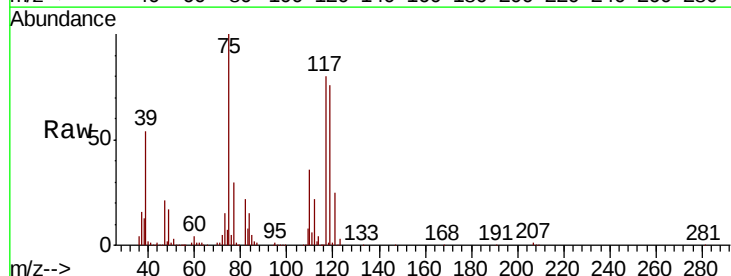
Tgt Ion: 75 Resp: 226094

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.1

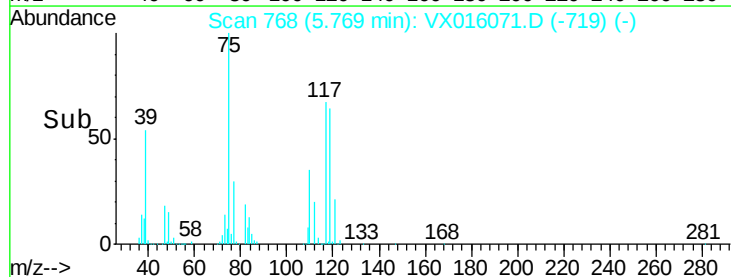
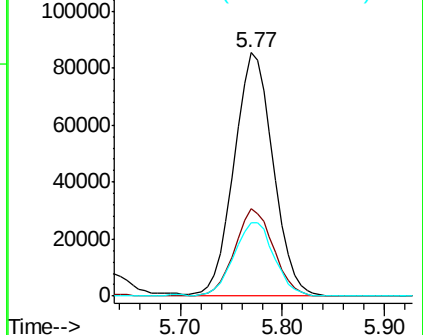
77 31.3 25.0 37.6

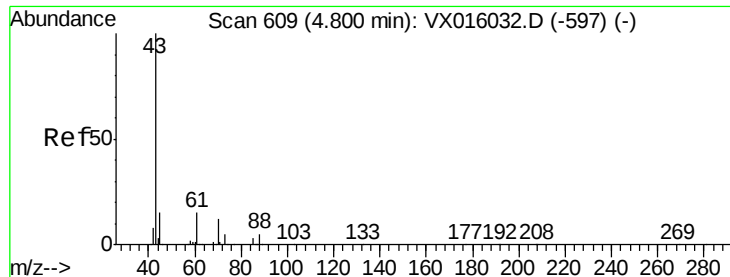


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

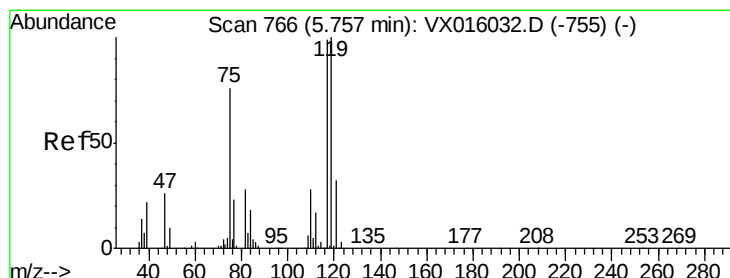
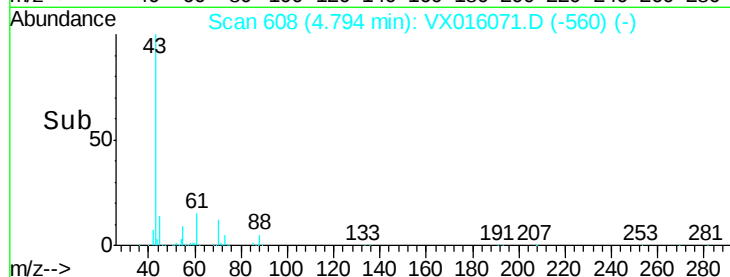
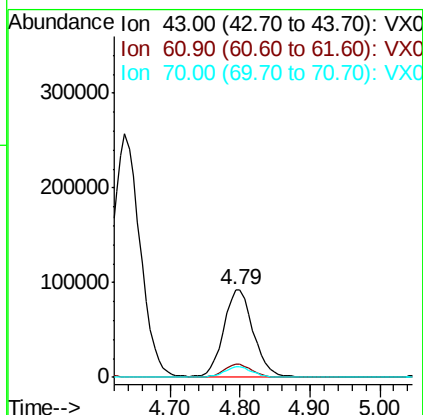
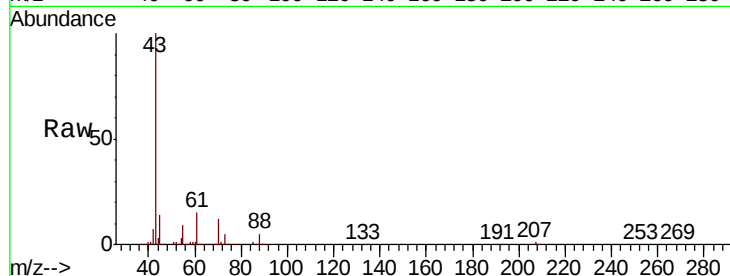




#37
Ethyl Acetate
Concen: 49.049 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

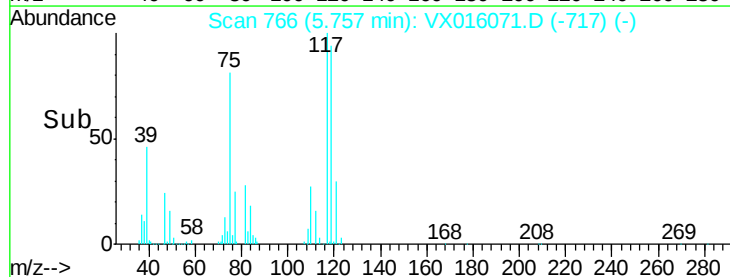
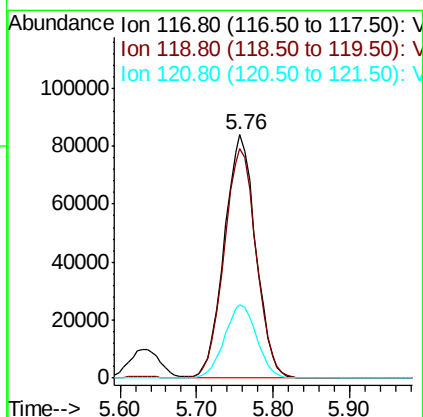
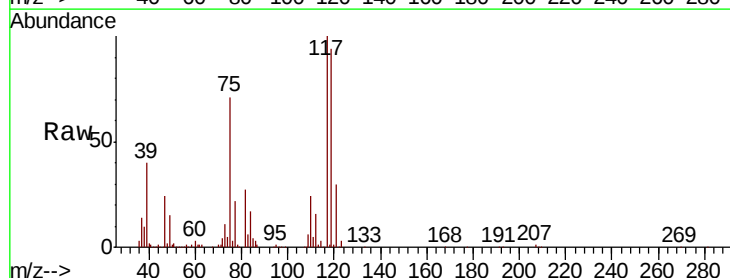
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

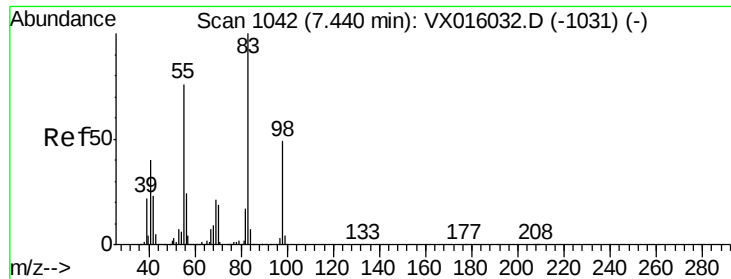
Tot Ion: 43 Resp: 271810
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.181 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 117 Resp: 239010
Ion Ratio Lower Upper
117 100
119 94.3 80.3 120.5
121 30.0 25.7 38.5

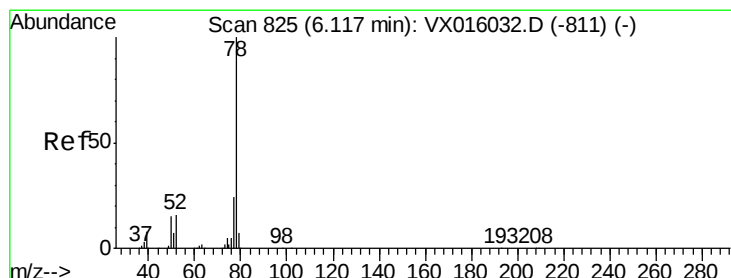
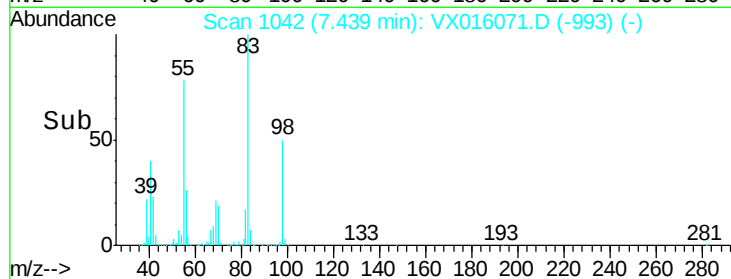
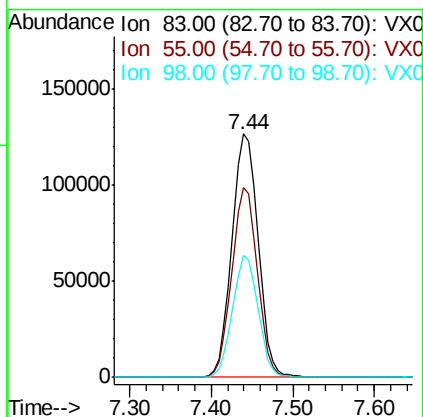
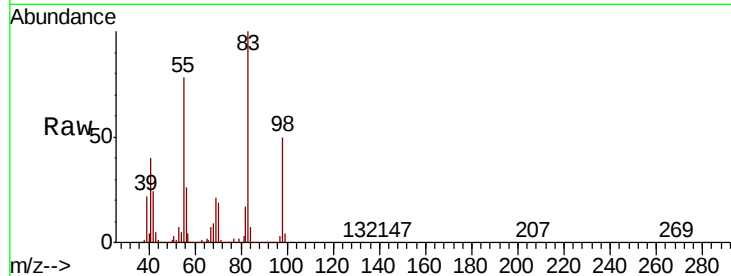




#39
Methvlcvclohexane
Concen: 48.724 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

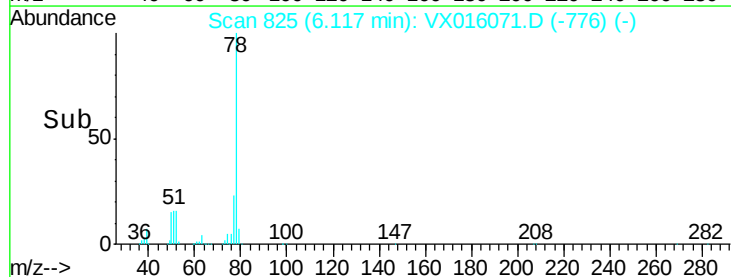
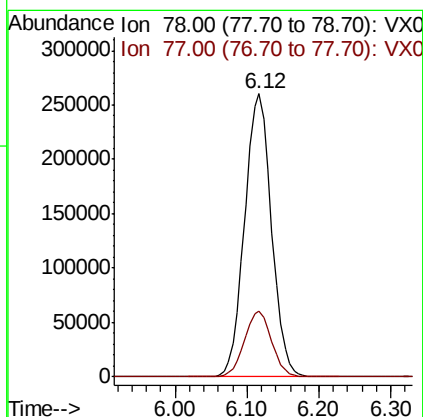
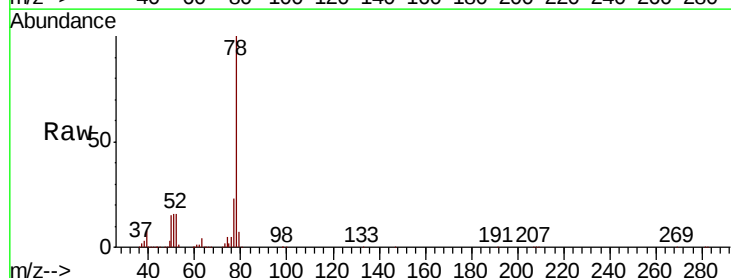
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 280548
Ion Ratio Lower Upper
83 100
55 78.1 61.1 91.7
98 50.1 39.0 58.4



#40
Benzene
Concen: 48.178 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 78 Resp: 674002
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

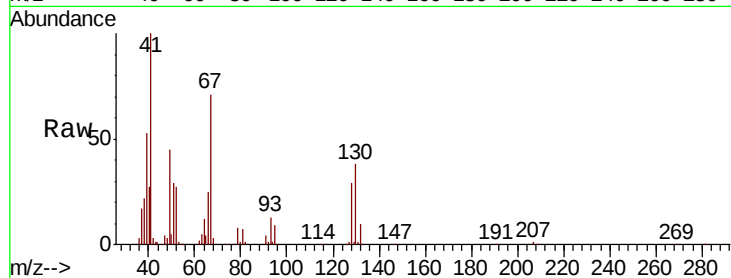




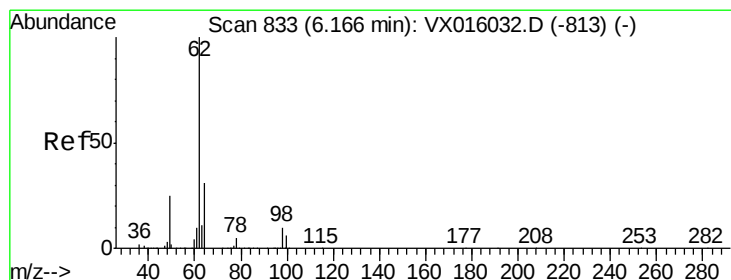
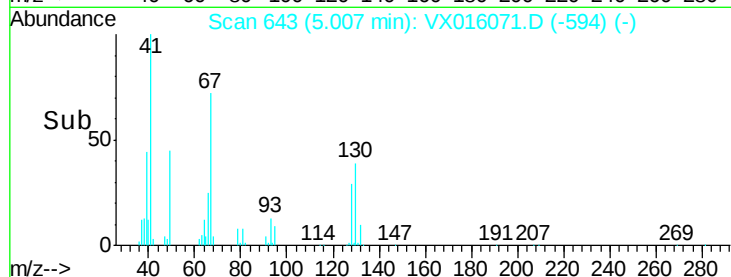
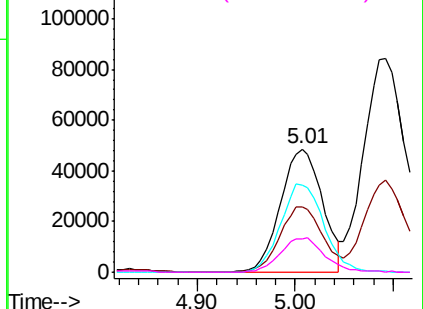
#41
Methacrylonitrile
Concen: 48.280 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	144489
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.2	64.8
67	74.8	59.3	88.9
52	28.6	23.5	35.3

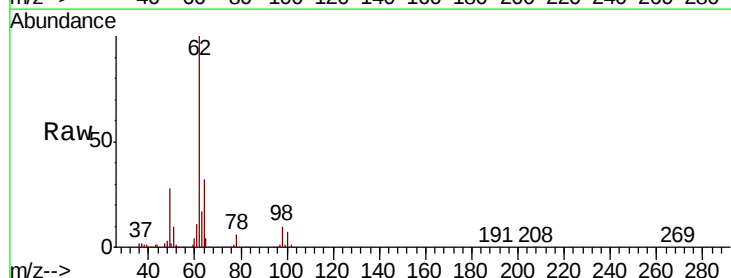


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

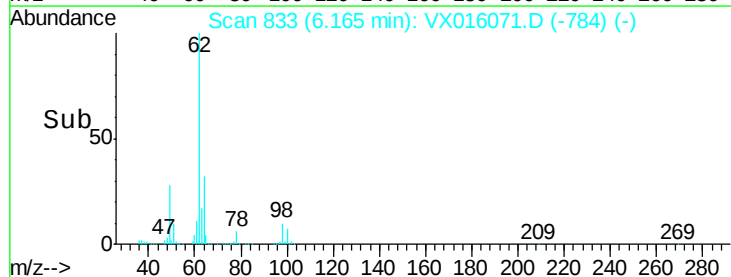
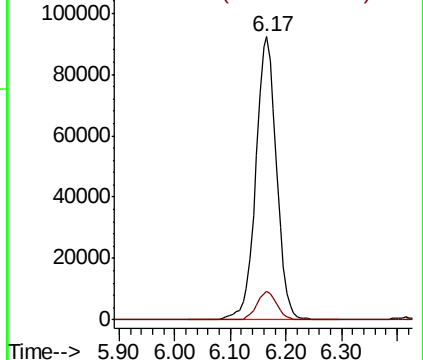


#42
1,2-Dichloroethane
Concen: 47.781 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion:	62	Resp:	240795
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



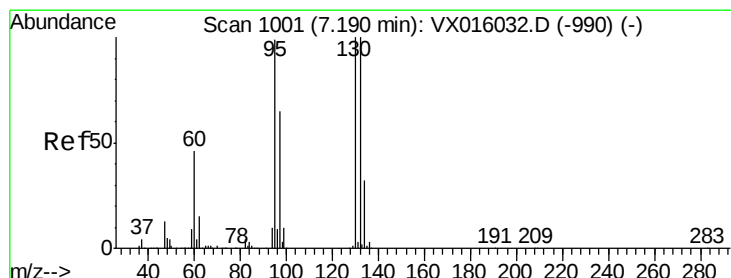
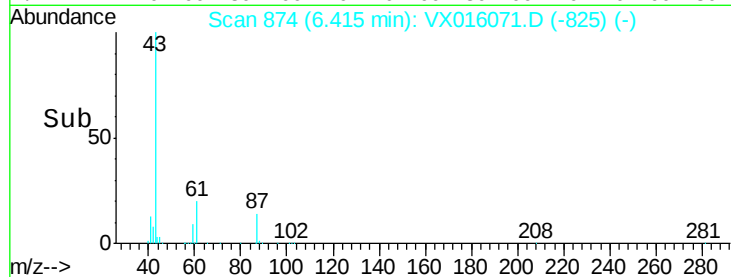
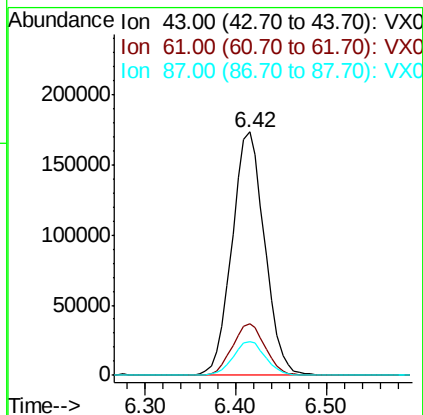
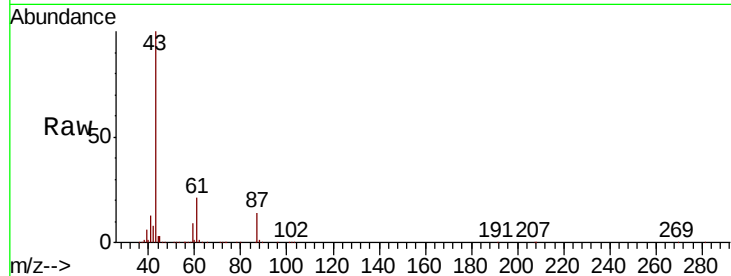


#43

Isopropyl Acetate
 Concen: 48.744 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

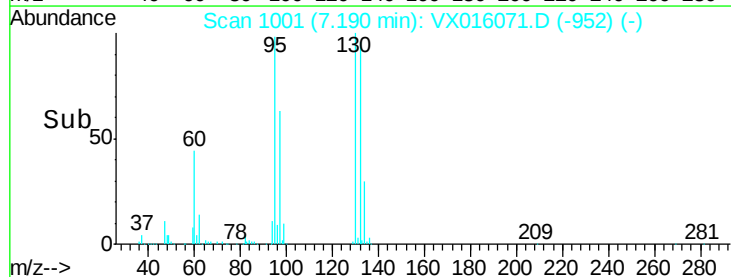
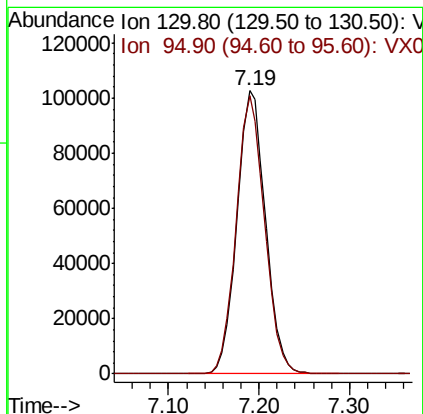
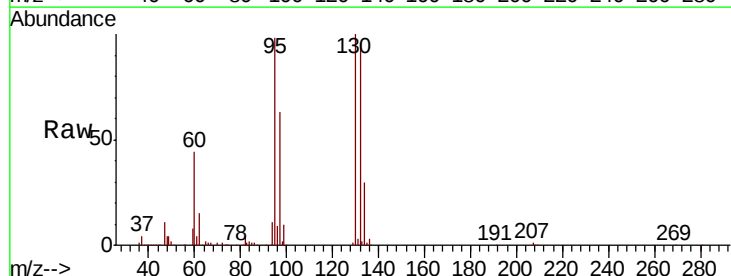
Tot Ion	43	Resp	430985
Ion Ratio	Lower	Upper	
43	100		
61	21.5	17.0	25.4
87	14.0	11.0	16.6



#44

Trichloroethene
 Concen: 45.138 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	130	Resp	224337
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	197.4

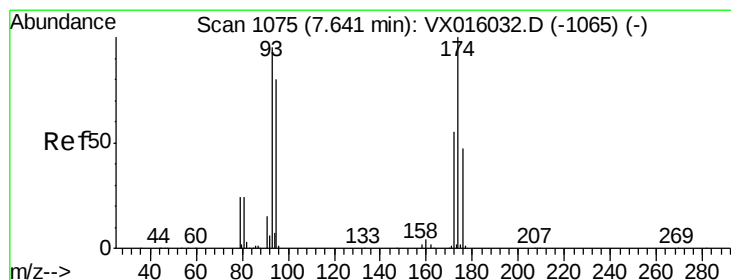
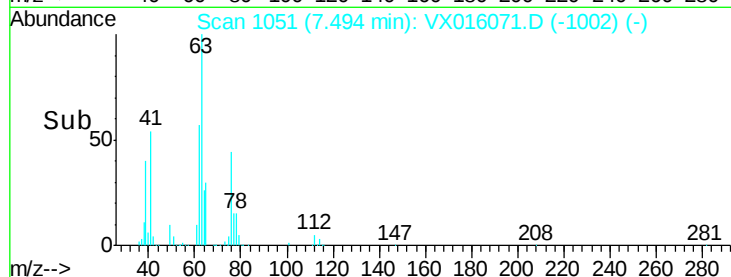
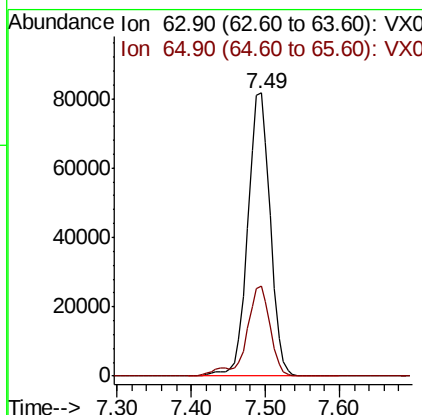
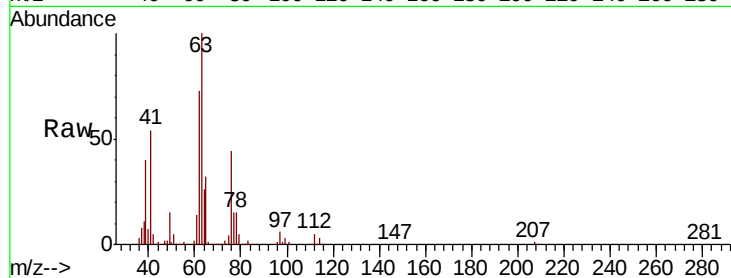




#45
 1,2-Dichloropropane
 Concen: 48.736 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

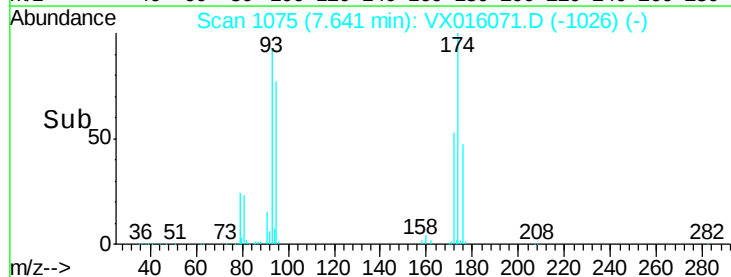
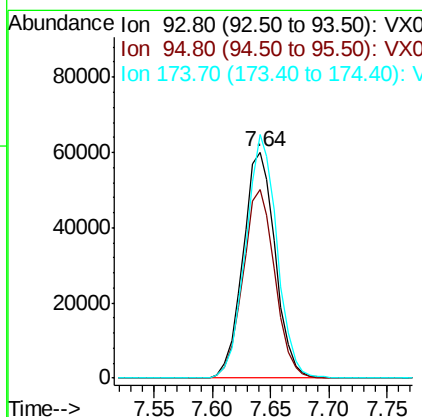
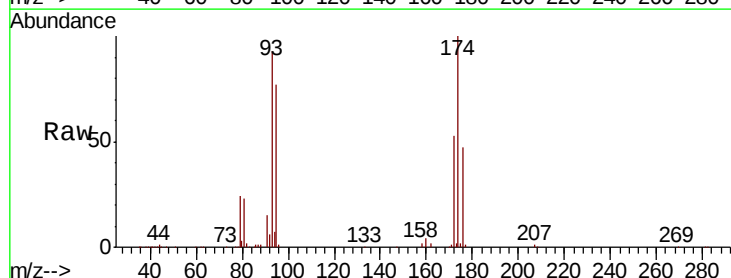
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 172521
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6



#46
 Dibromomethane
 Concen: 48.219 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion: 93 Resp: 115995
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 105.1 84.2 126.4





#47

Bromodichloromethane

Concen: 49.216 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

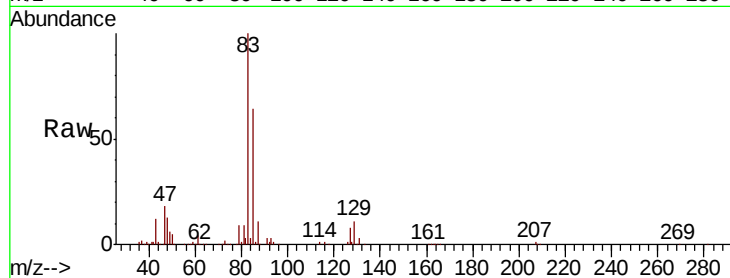
Tot Ion: 83 Resp: 241126

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7

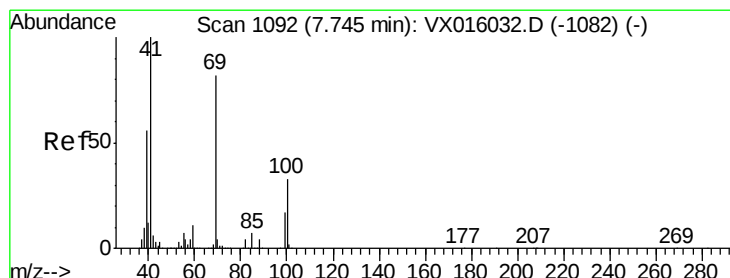
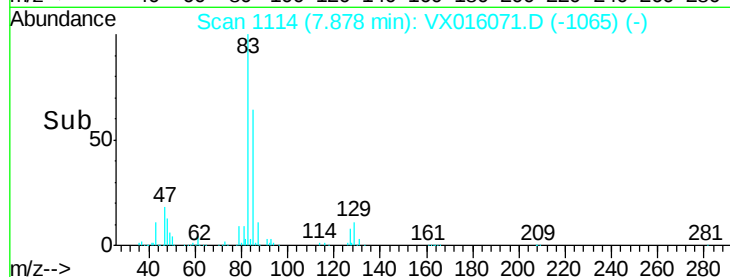
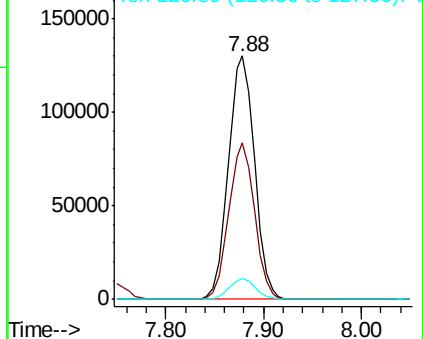
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.025 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

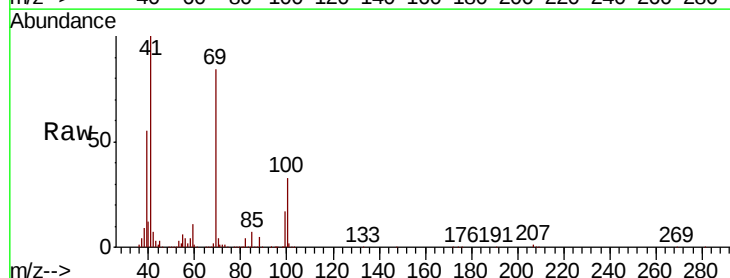
Tgt Ion: 41 Resp: 205400

Ion Ratio Lower Upper

41 100

69 85.0 67.8 101.6

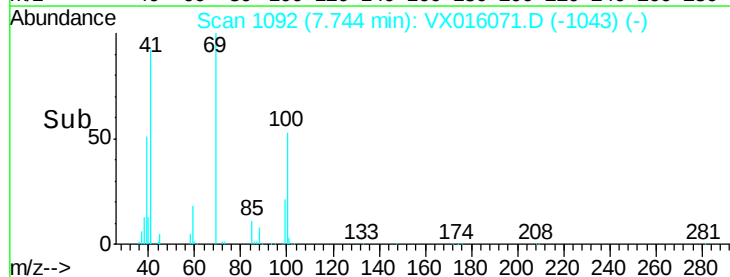
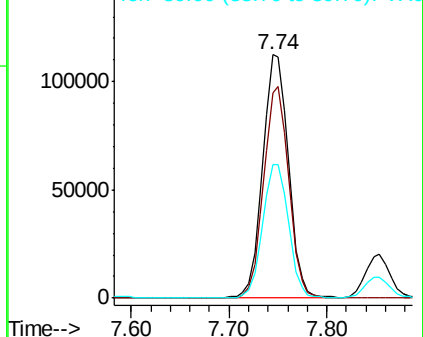
39 55.0 44.6 67.0

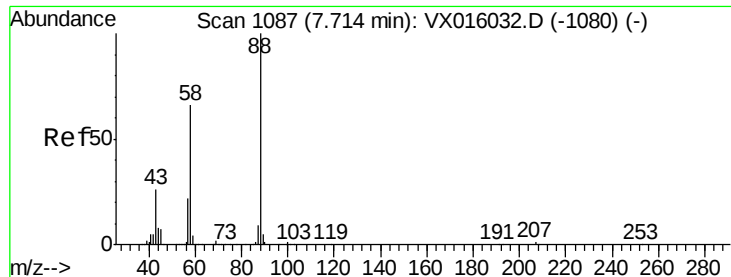


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

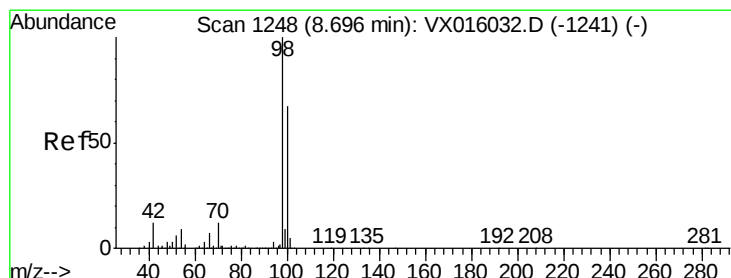
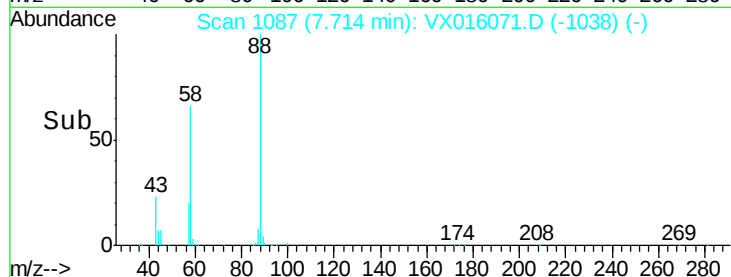
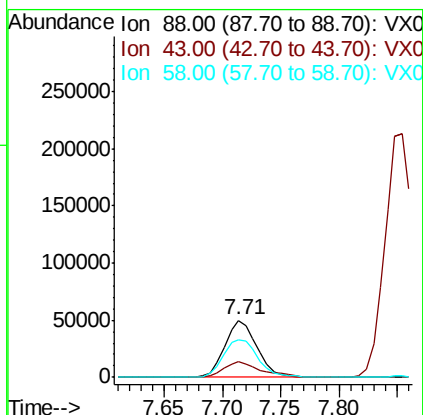
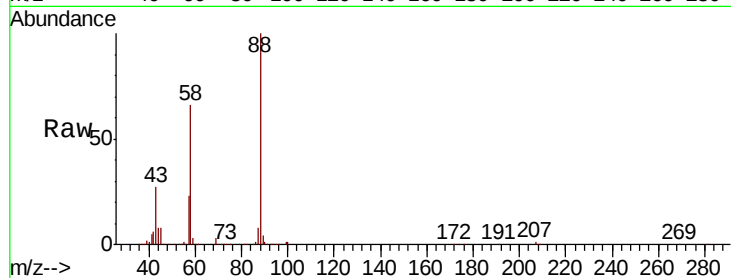




#49
1,4-Dioxane
Concen: 947.726 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

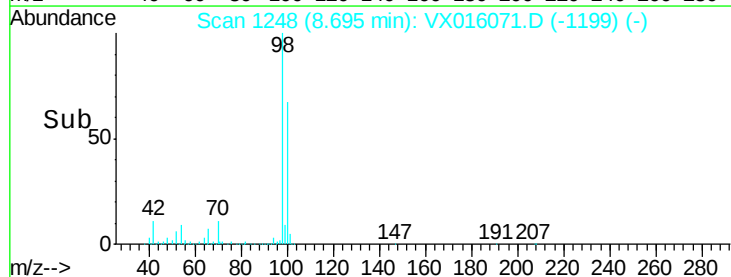
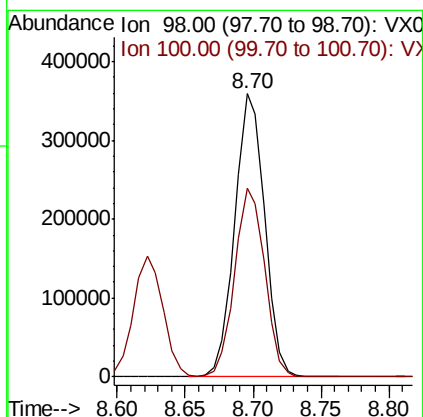
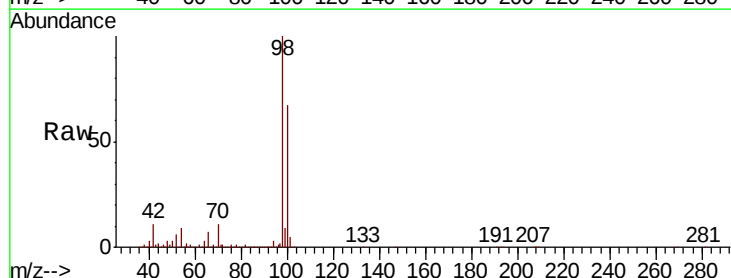
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

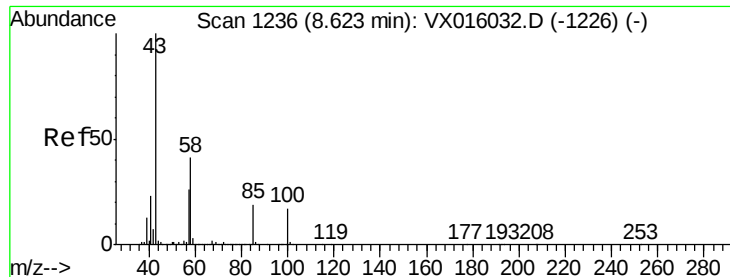
Tot Ion	88	Resp	95230
Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.3	37.9
58	71.5	55.9	83.9



#50
Toluene-d8
Concen: 46.350 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	98	Resp	549566
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 249.550 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

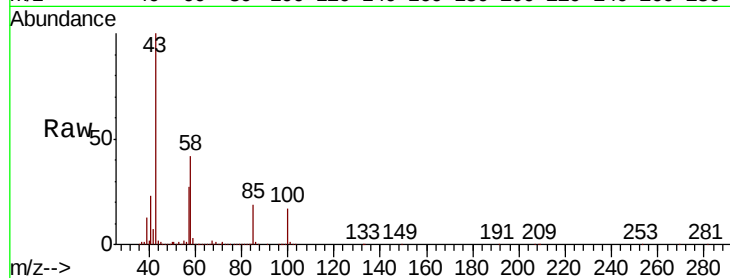
VSTDCCC050EC

Tot Ion: 43 Resp: 1350241

Ion Ratio Lower Upper

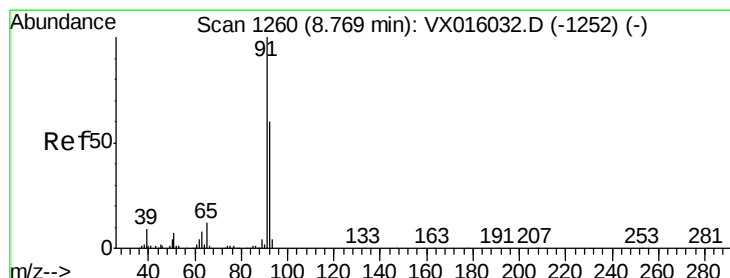
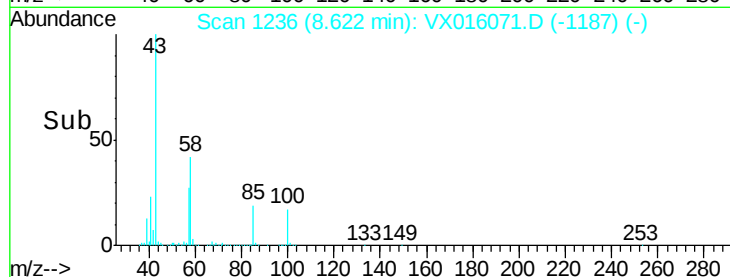
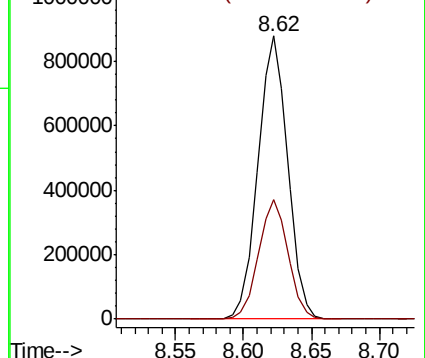
43 100

58 41.8 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.895 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016071.D

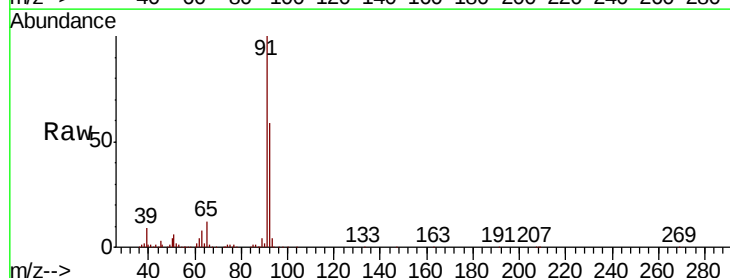
Acq: 05 May 2020 17:59

Tgt Ion: 92 Resp: 426363

Ion Ratio Lower Upper

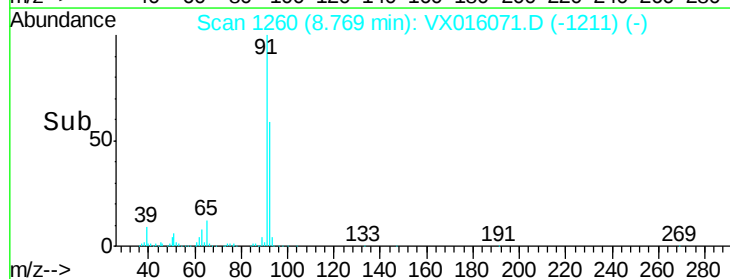
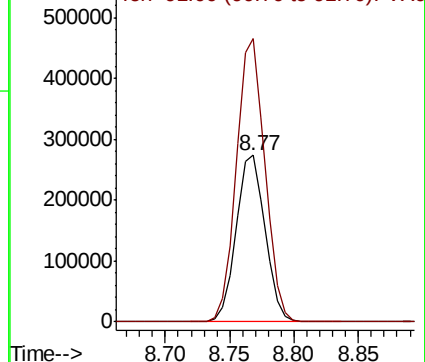
92 100

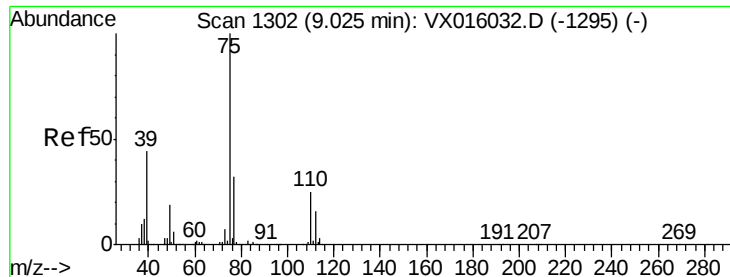
91 168.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.403 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

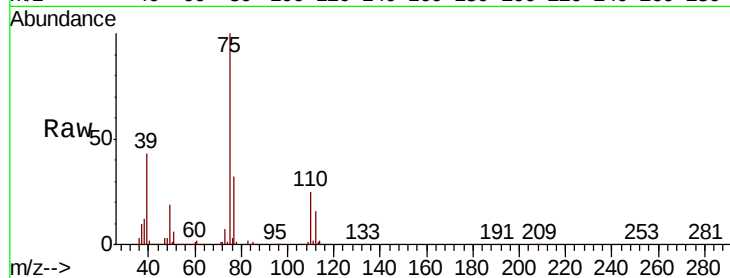
VSTDCCC050EC

Tot Ion: 75 Resp: 282747

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

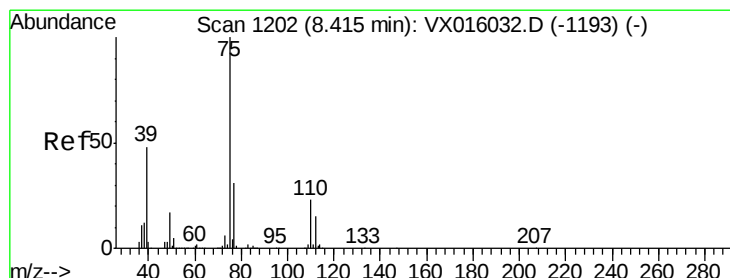
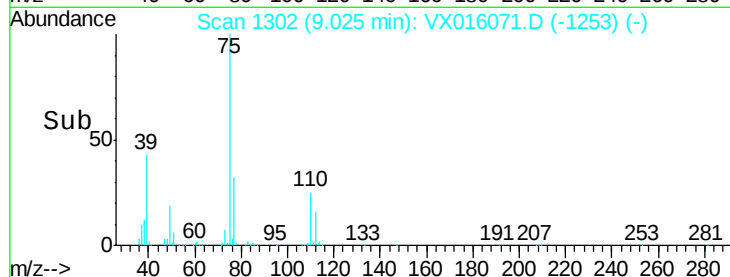
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.182 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

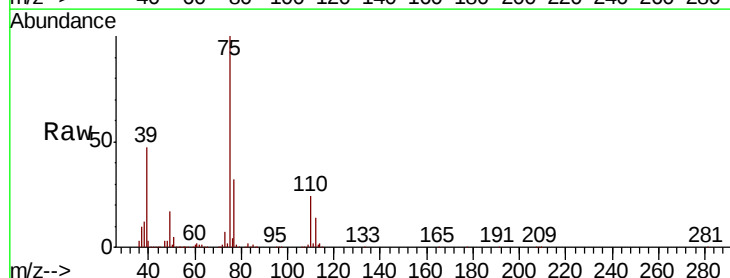
Tgt Ion: 75 Resp: 293988

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 47.3 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

250000

200000

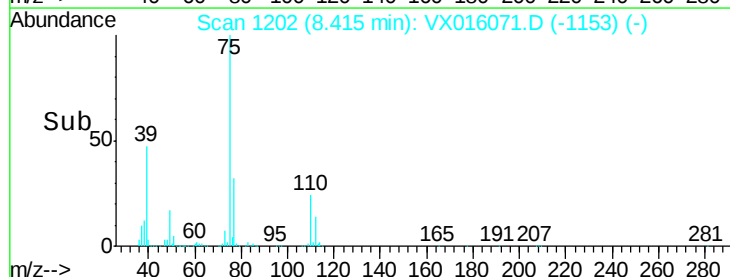
150000

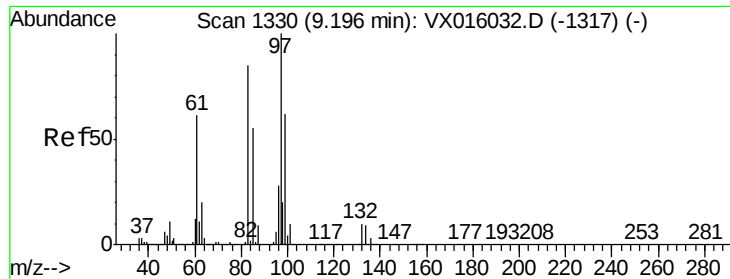
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.373 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 169387

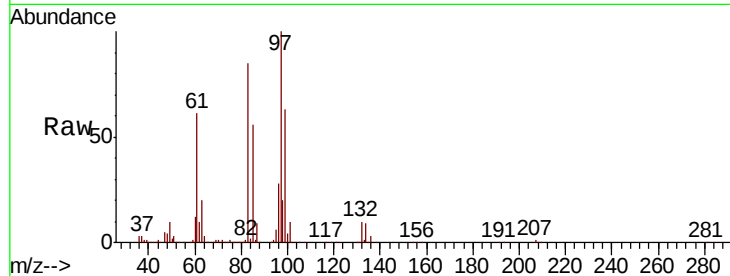
Ion Ratio Lower Upper

97 100

83 85.3 67.8 101.8

85 55.6 43.8 65.8

99 63.2 49.4 74.0

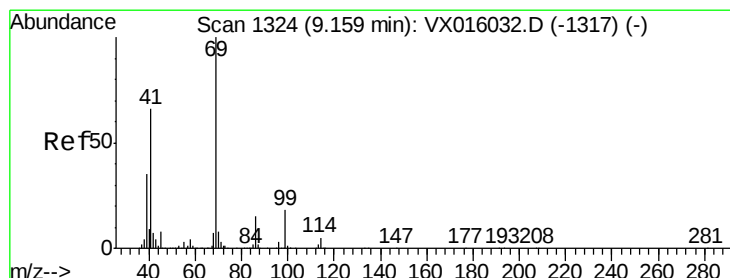
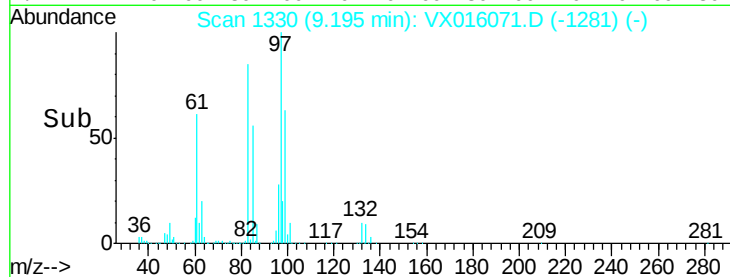
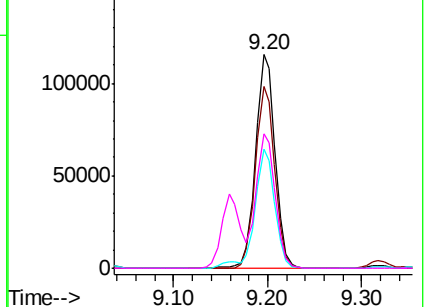


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.519 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

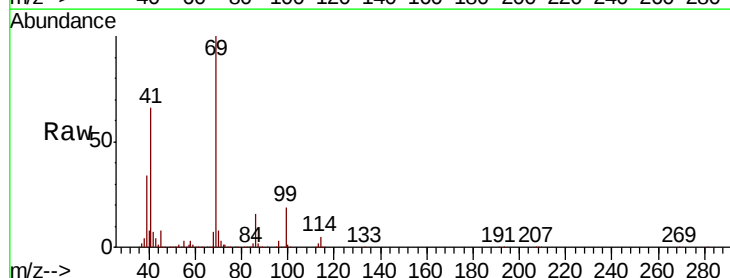
Tgt Ion: 69 Resp: 282910

Ion Ratio Lower Upper

69 100

41 64.1 52.2 78.4

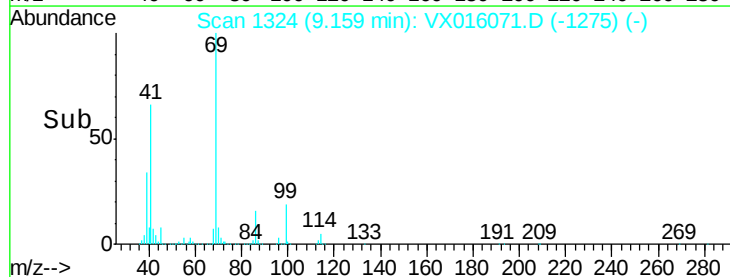
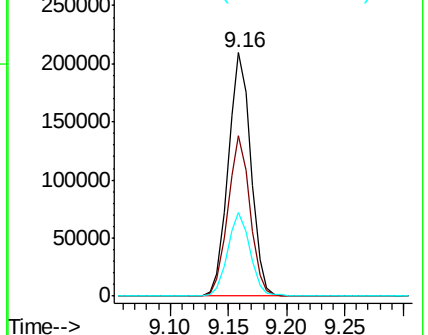
39 34.2 28.2 42.4

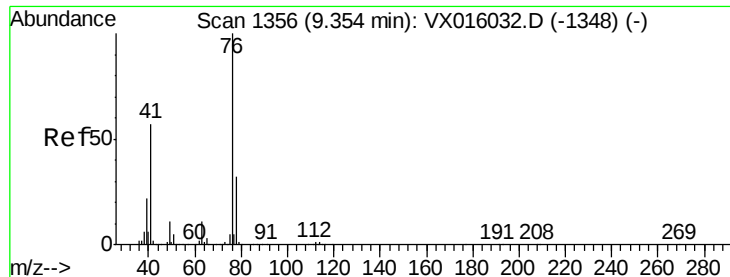


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.278 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

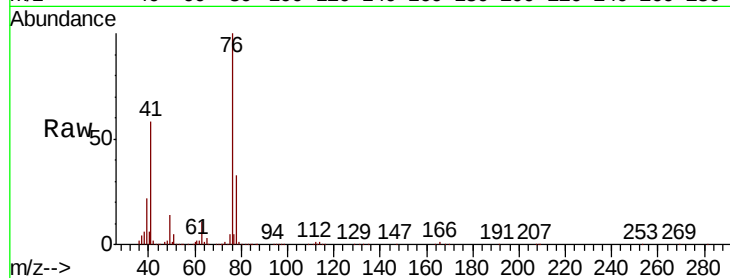
VSTDCCC050EC

Tot Ion: 76 Resp: 294994

Ion Ratio Lower Upper

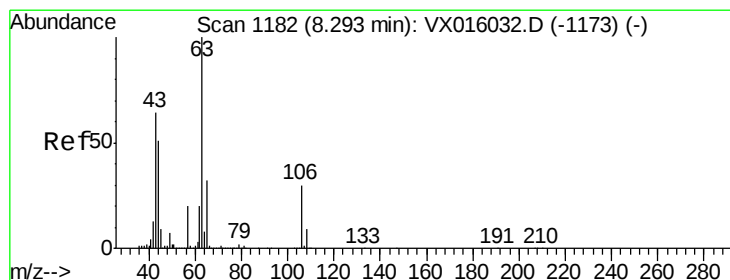
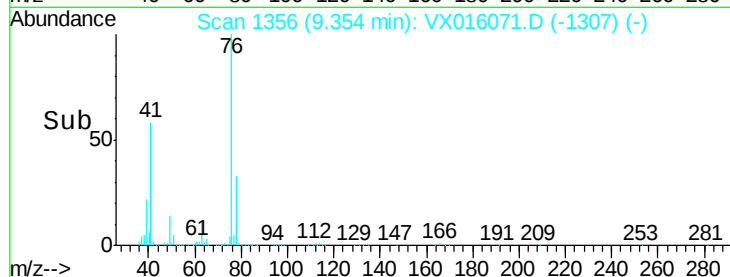
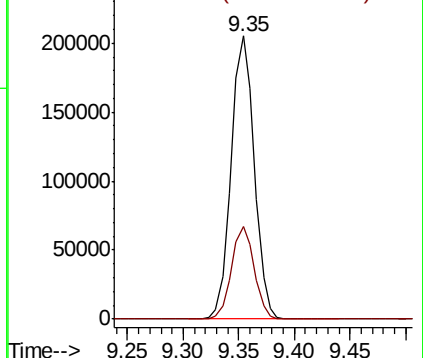
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.521 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016071.D

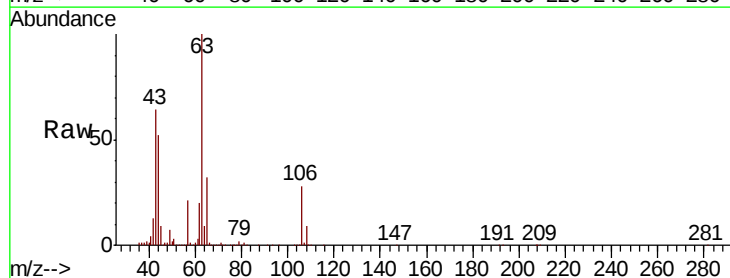
Acq: 05 May 2020 17:59

Tgt Ion: 63 Resp: 737950

Ion Ratio Lower Upper

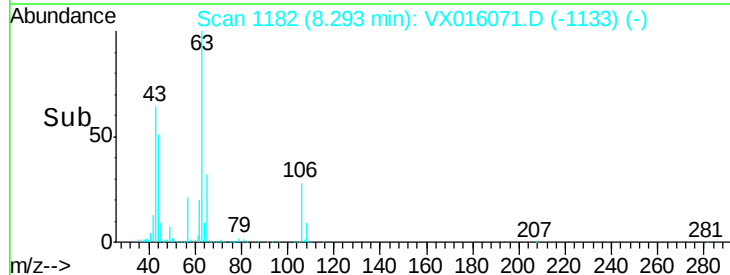
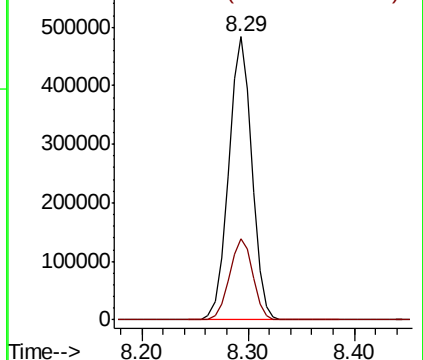
63 100

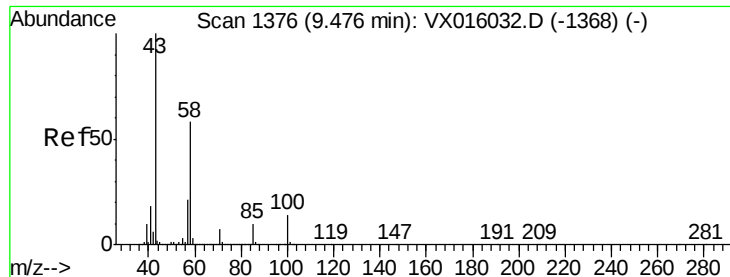
106 28.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

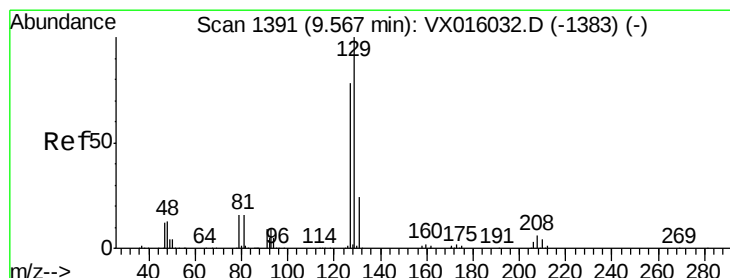
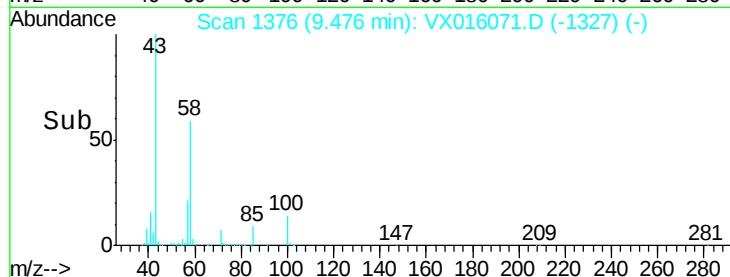
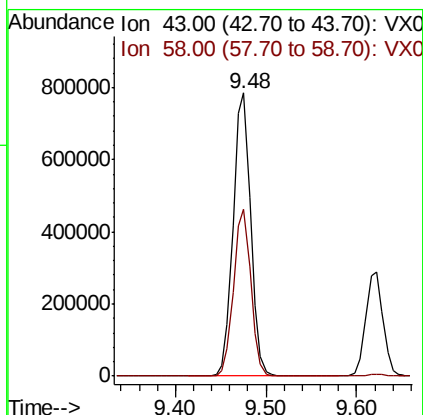
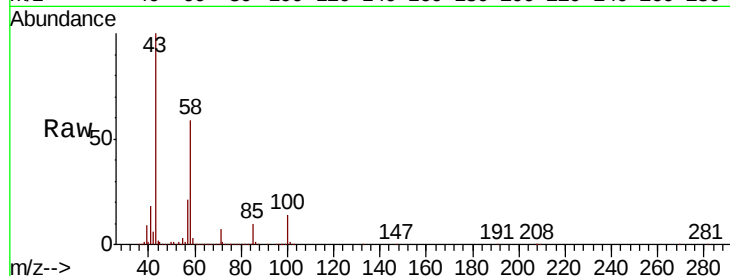




#59
2-Hexanone
Concen: 247.152 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

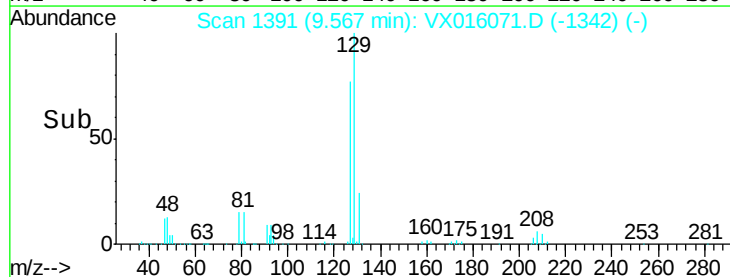
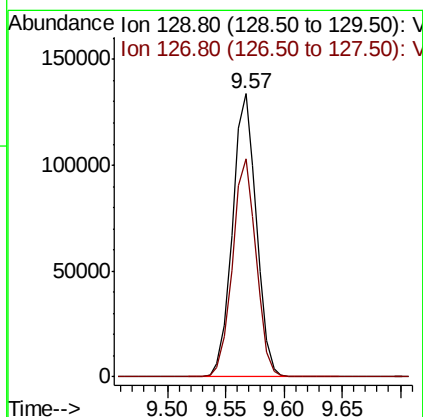
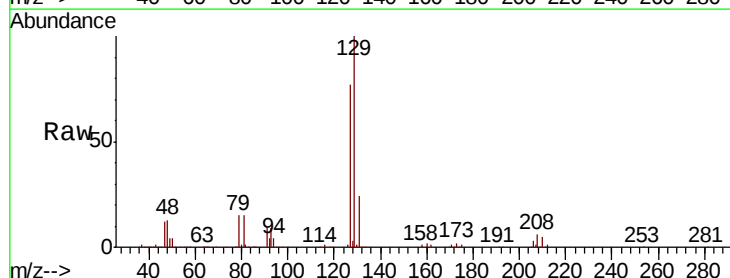
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

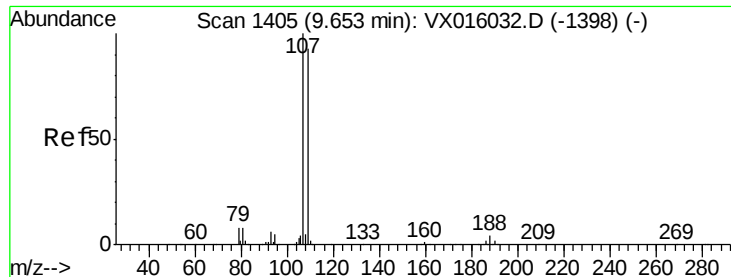
Tot Ion: 43 Resp: 1050186
Ion Ratio Lower Upper
43 100
58 58.2 28.6 85.9



#60
Dibromochloromethane
Concen: 50.571 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 129 Resp: 191082
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.678 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

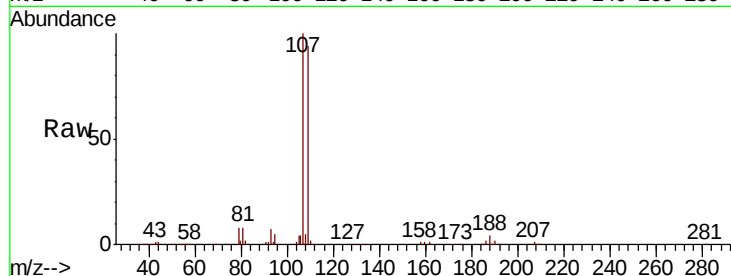
VSTDCCC050EC

Tot Ion:107 Resp: 184609

Ion Ratio Lower Upper

107 100

109 93.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

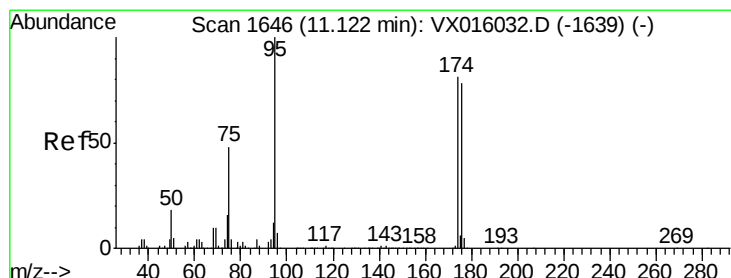
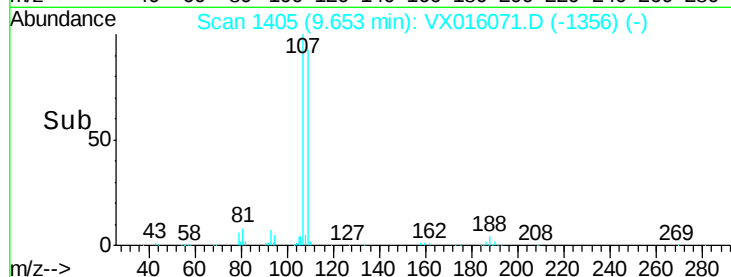
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.758 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

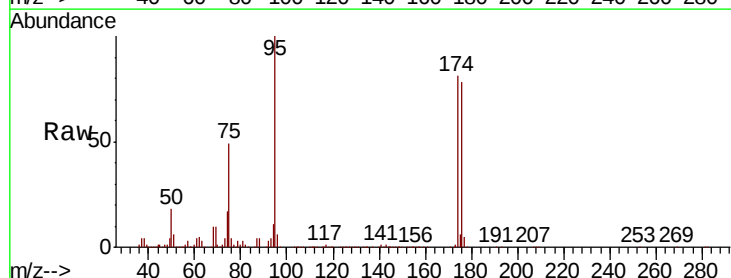
Tgt Ion: 95 Resp: 210870

Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 79.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

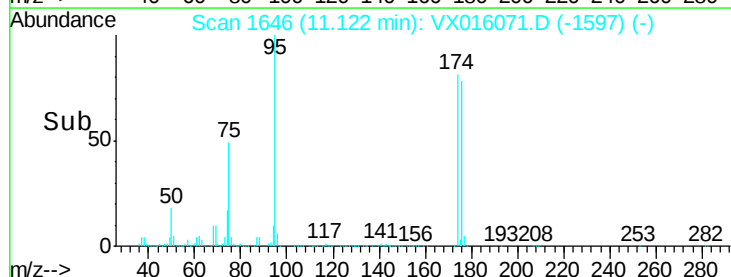
150000

100000

50000

0

Time--> 11.10 11.20

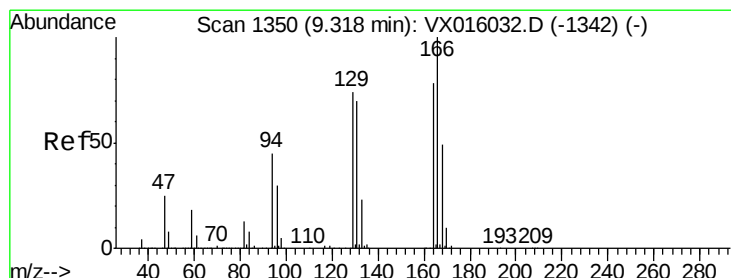
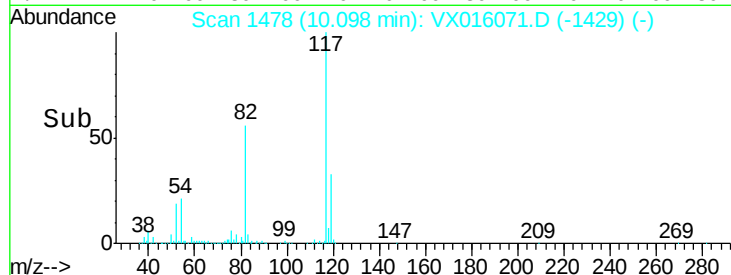
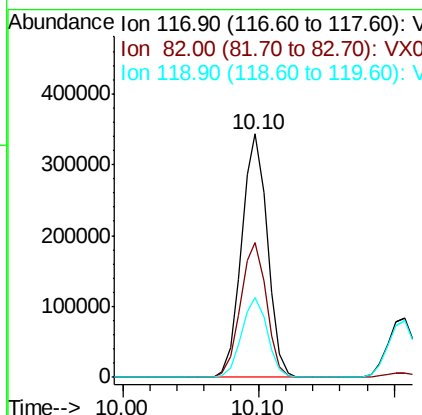
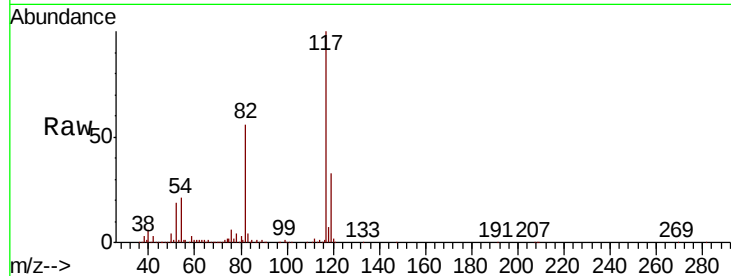




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

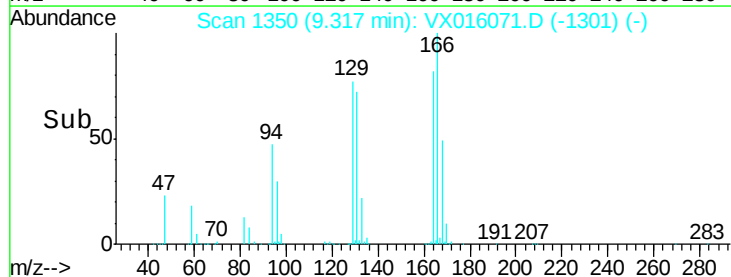
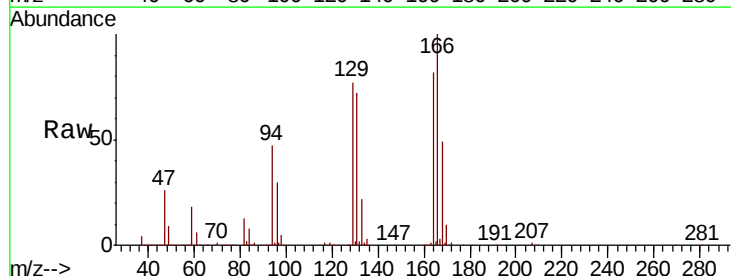
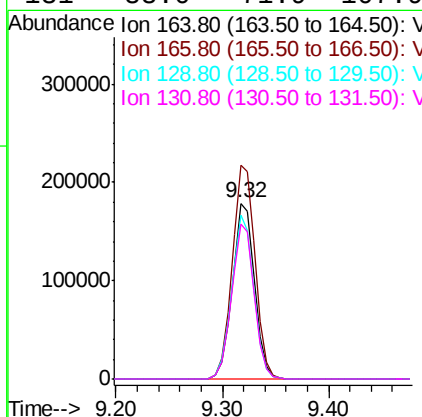
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

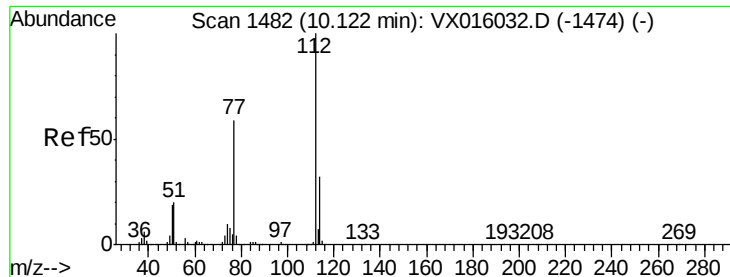
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.4	66.6
119	32.9	25.5	38.3



#64
Tetrachloroethene
Concen: 46.741 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	102.9	154.3
129	93.1	76.1	114.1
131	88.0	71.9	107.9

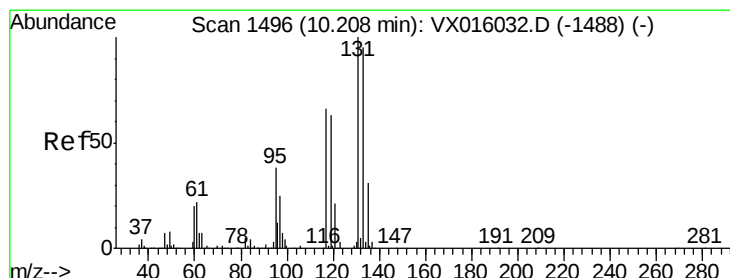
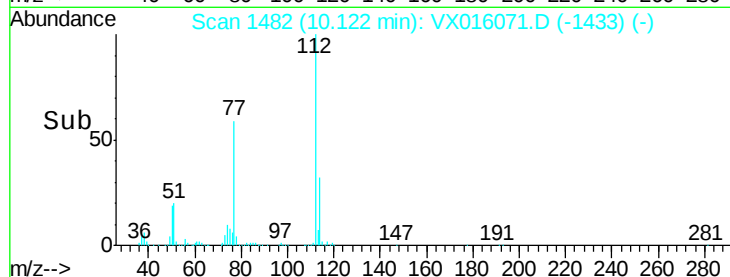
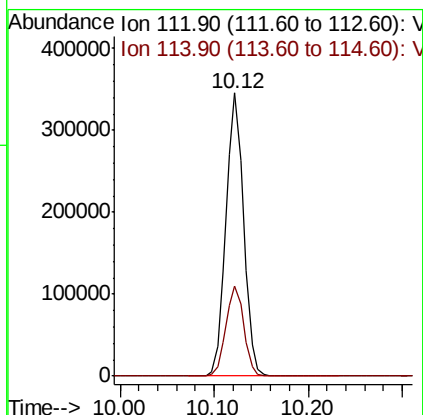
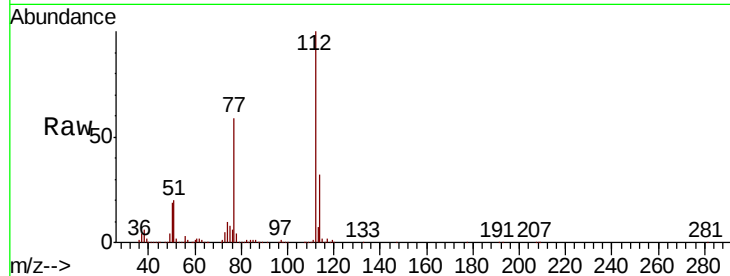




#65
Chlorobenzene
Concen: 47.229 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

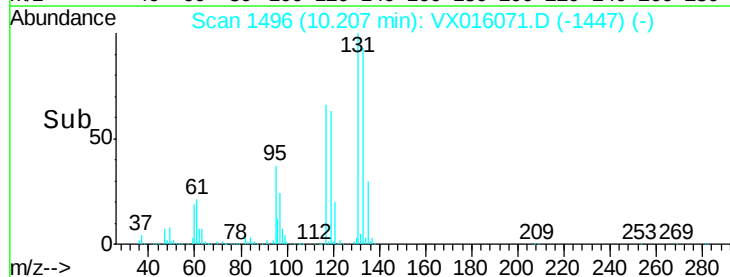
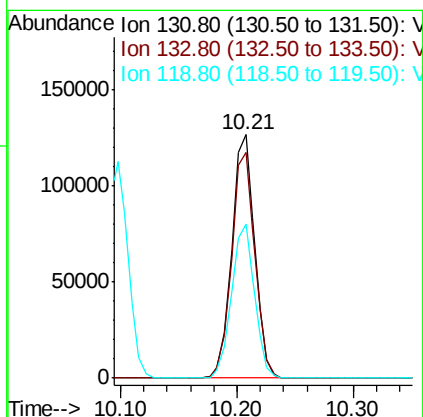
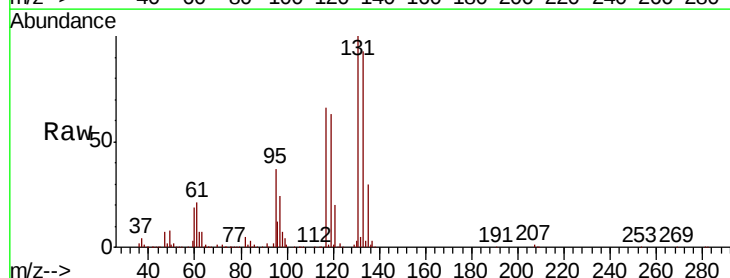
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

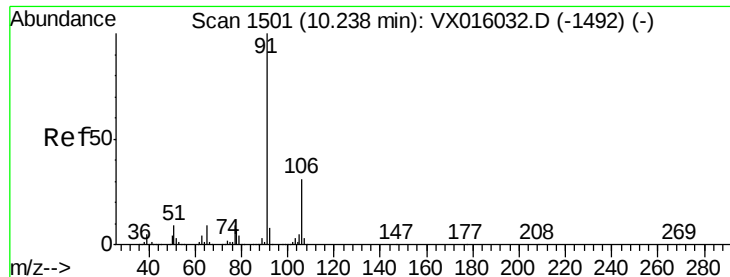
Tot Ion:112 Resp: 448985
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.226 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion:131 Resp: 172966
Ion Ratio Lower Upper
131 100
133 94.2 48.3 144.8
119 63.8 32.3 96.9

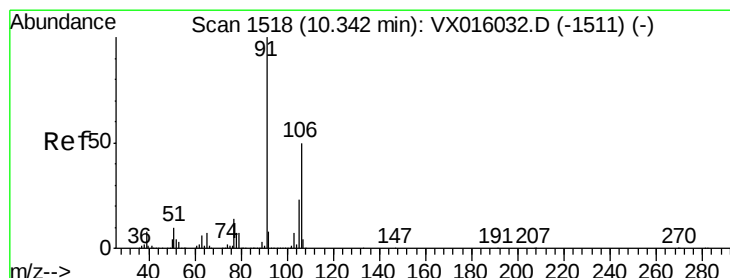
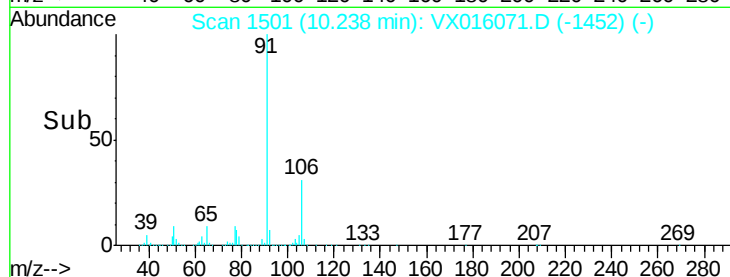
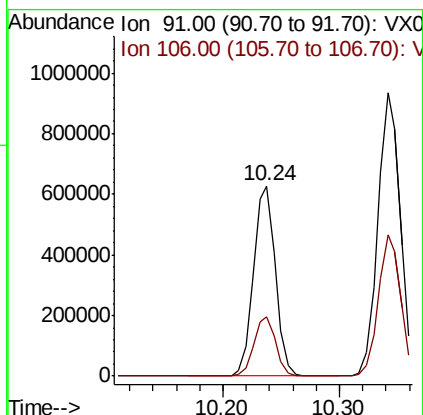
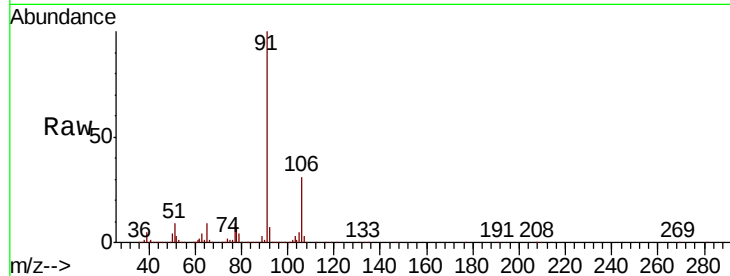




#67
Ethyl Benzene
Concen: 48.391 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

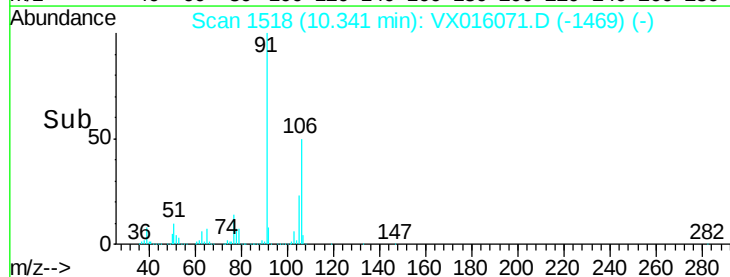
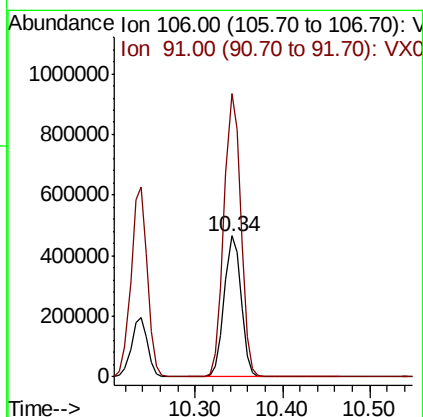
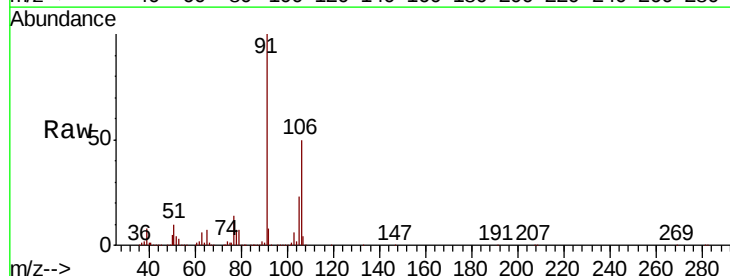
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

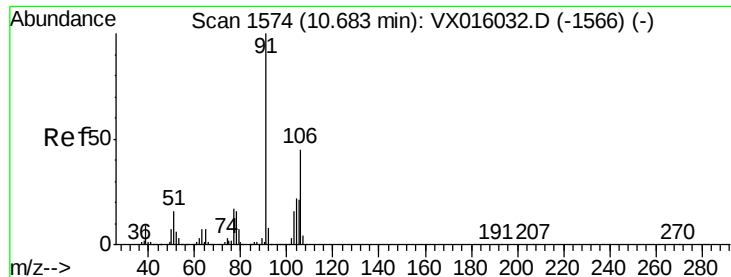
Tot Ion: 91 Resp: 820815
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 97.592 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 106 Resp: 620202
Ion Ratio Lower Upper
106 100
91 201.0 161.7 242.5

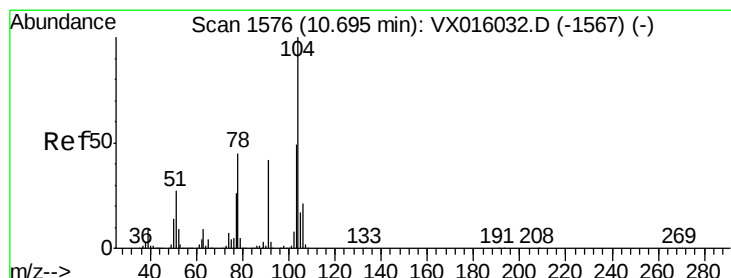
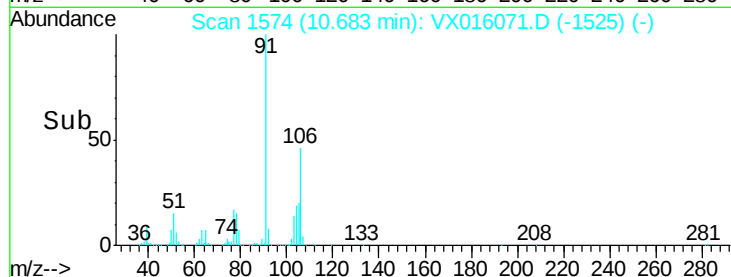
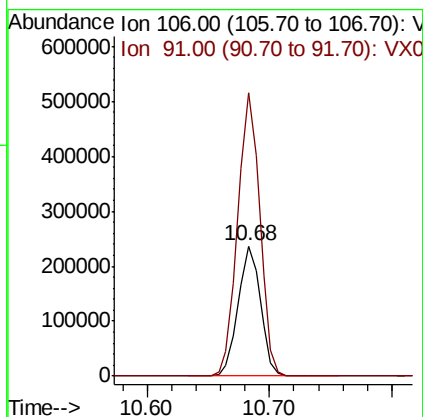
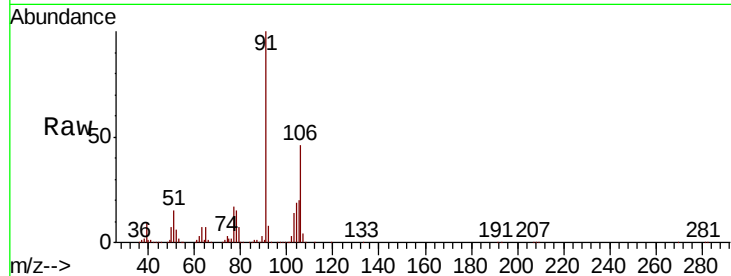




#69
o-Xylene
Concen: 48.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

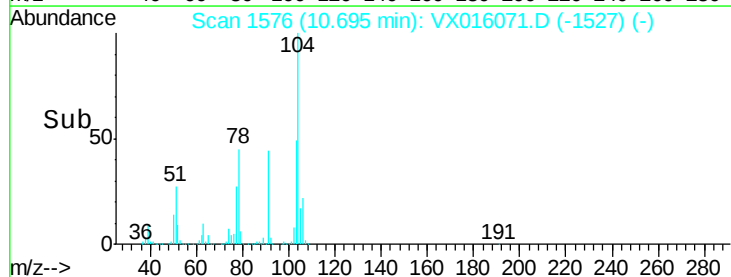
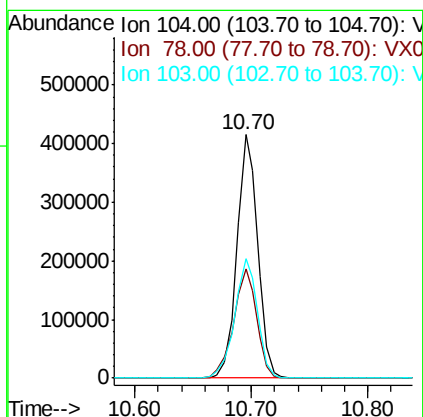
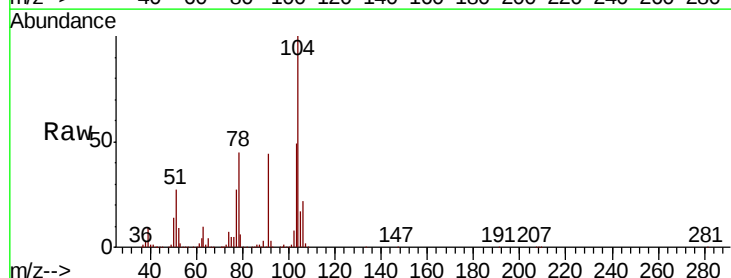
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

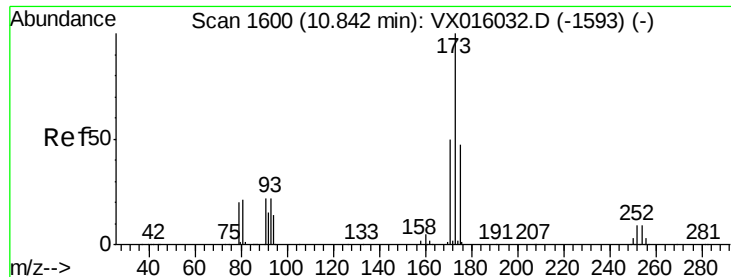
Tot Ion:106 Resp: 297682
Ion Ratio Lower Upper
106 100
91 216.2 107.5 322.6



#70
Styrene
Concen: 49.665 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion:104 Resp: 514695
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 50.433 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

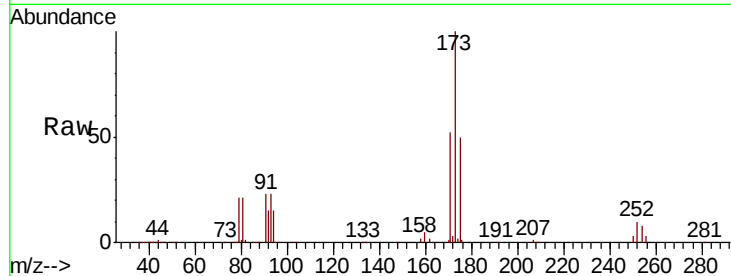
Tot Ion:173 Resp: 144376

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

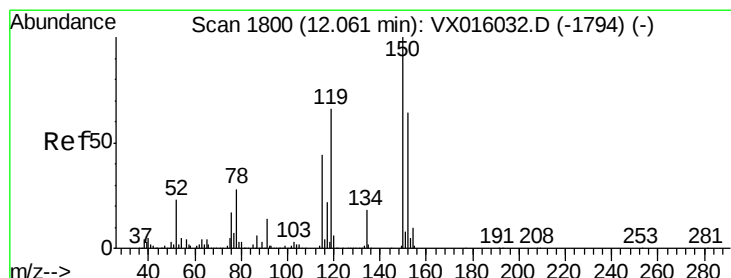
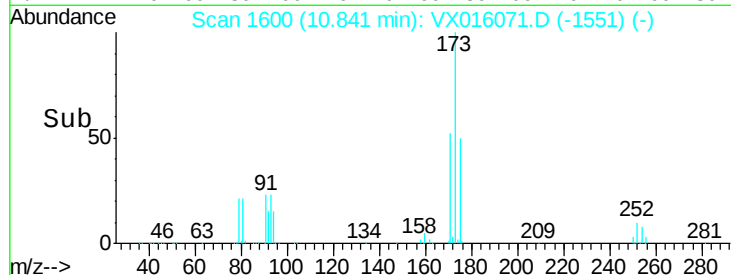
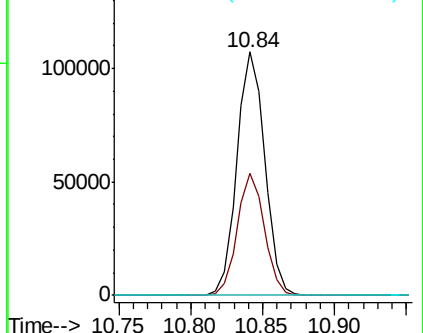
254 0.1 0.1 0.1#



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: VX016071.D

Acq: 05 May 2020 17:59

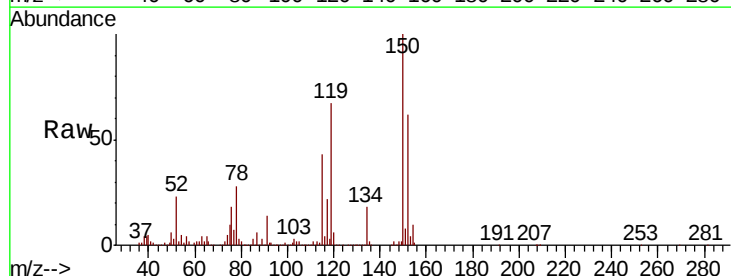
Tgt Ion:152 Resp: 227546

Ion Ratio Lower Upper

152 100

115 82.6 41.3 124.1

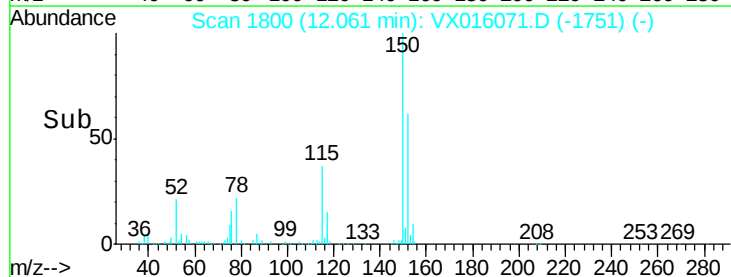
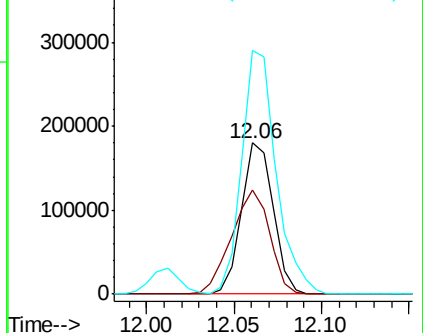
150 175.1 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.294 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

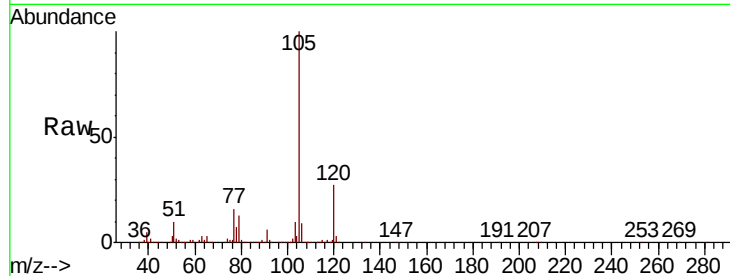
VSTDCCC050EC

Tot Ion: 105 Resp: 799290

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

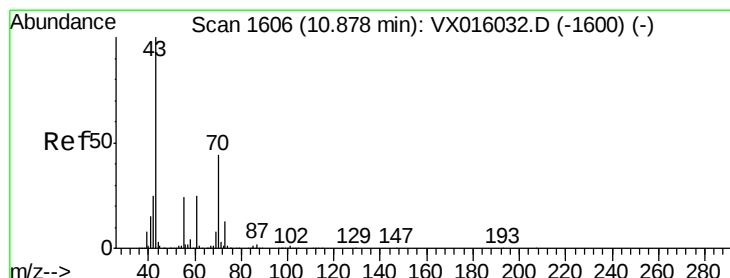
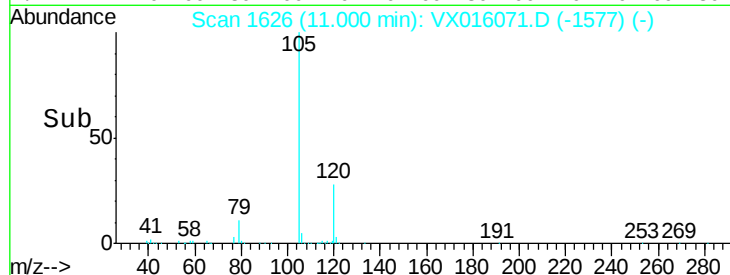
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.762 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion: 43 Resp: 376436

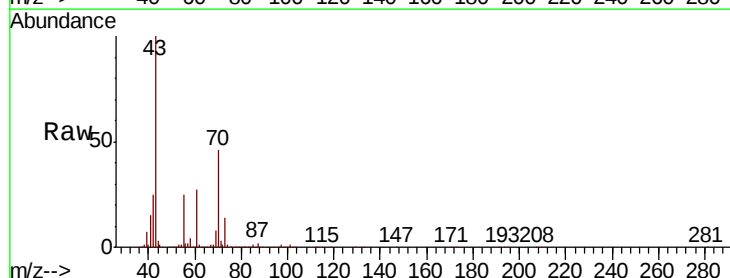
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 24.7 19.7 29.5

61 25.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

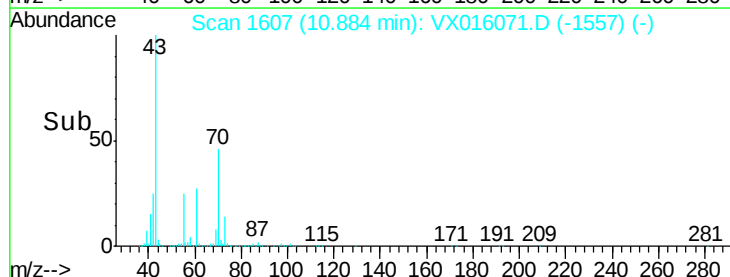
300000

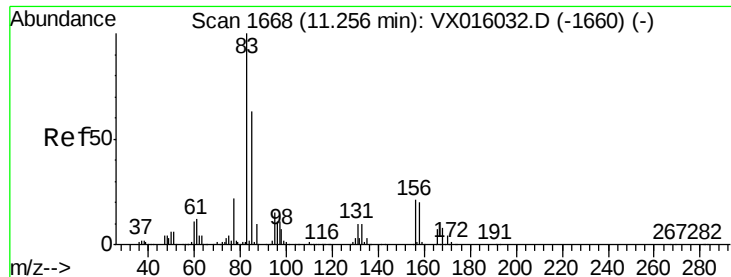
200000

100000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 53.652 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

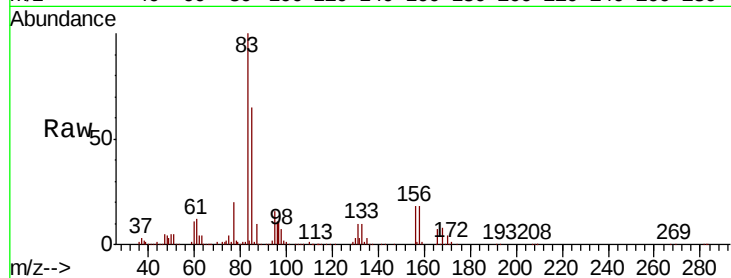
Tot Ion: 83 Resp: 176017

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

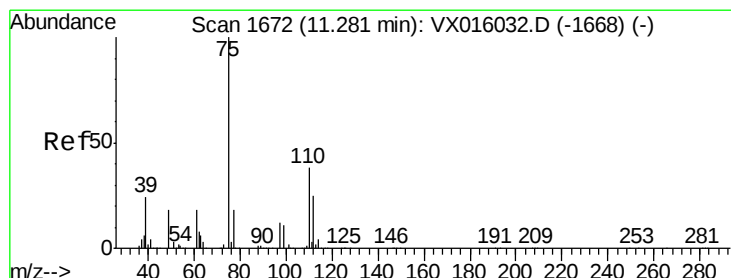
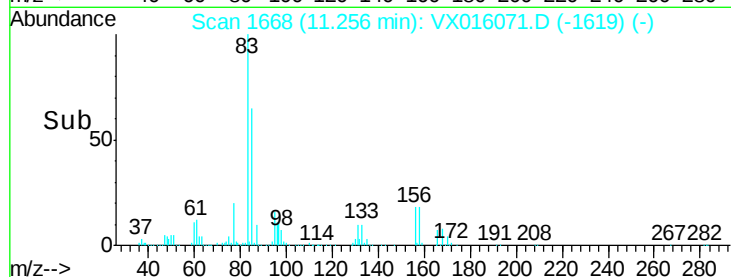
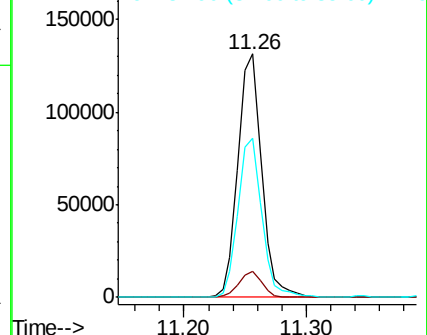
85 65.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.908 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016071.D

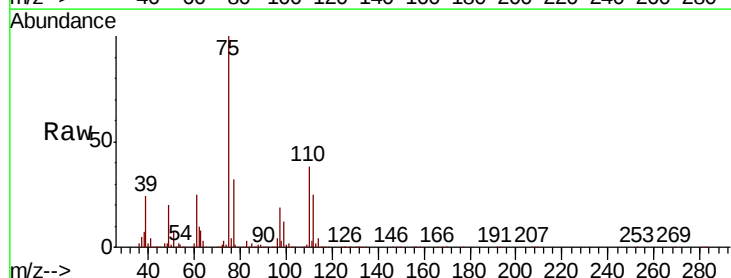
Acq: 05 May 2020 17:59

Tgt Ion: 75 Resp: 340319

Ion Ratio Lower Upper

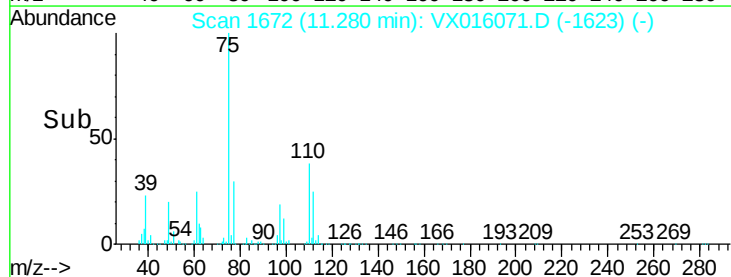
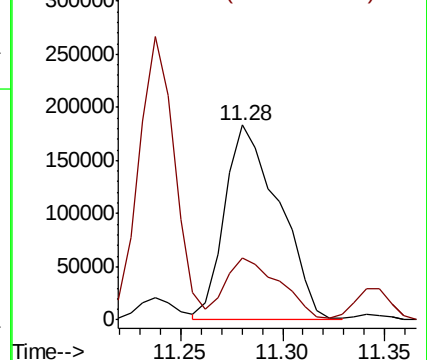
75 100

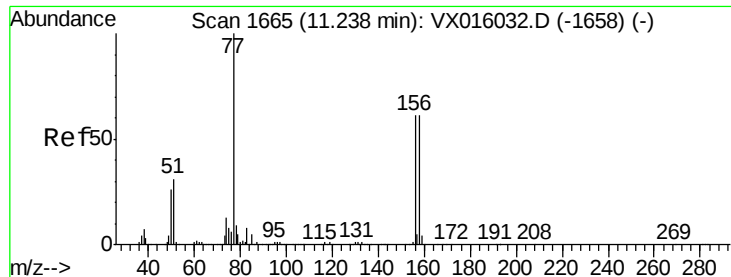
77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.179 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

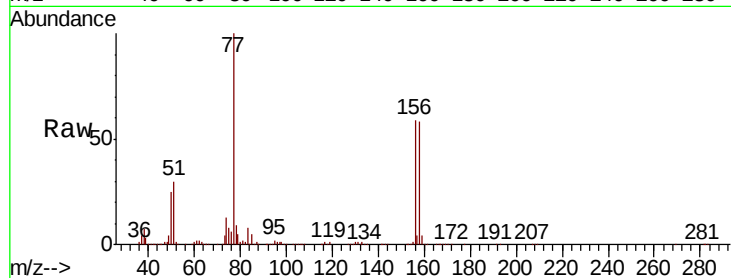
Tot Ion:156 Resp: 201543

Ion Ratio Lower Upper

156 100

77 162.7 80.1 240.3

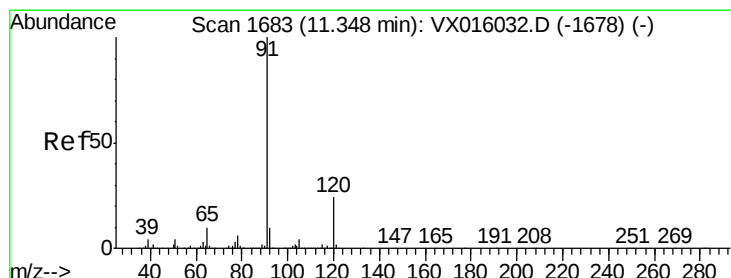
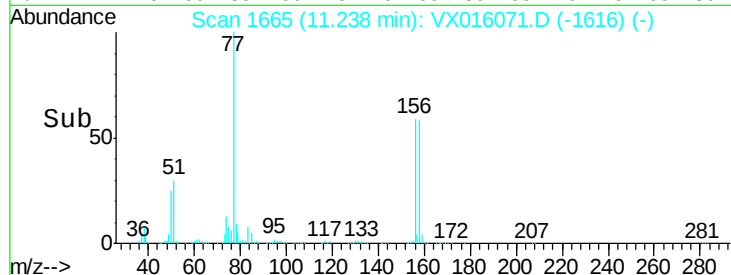
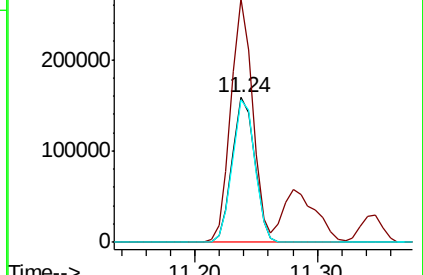
158 98.0 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.431 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016071.D

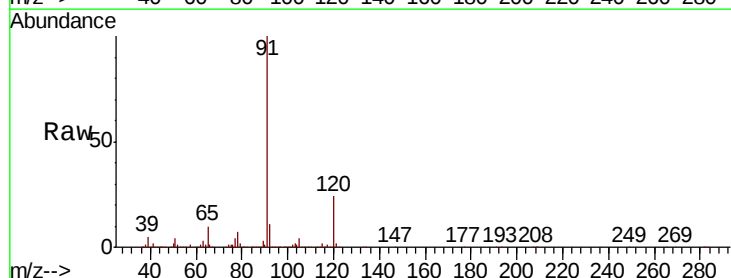
Acq: 05 May 2020 17:59

Tgt Ion: 91 Resp: 932486

Ion Ratio Lower Upper

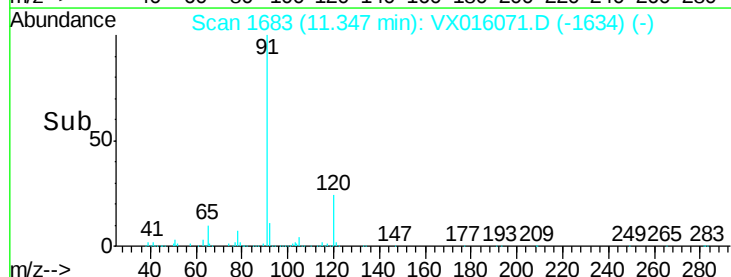
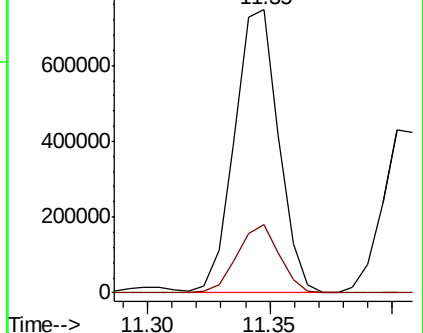
91 100

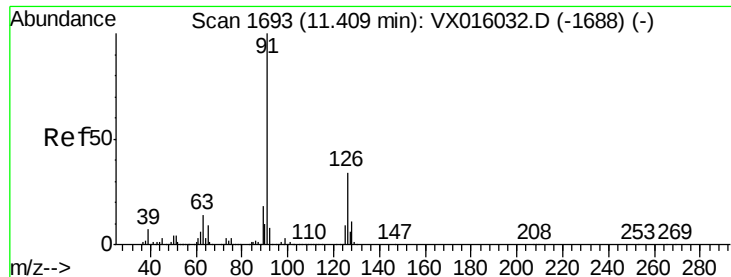
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.250 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

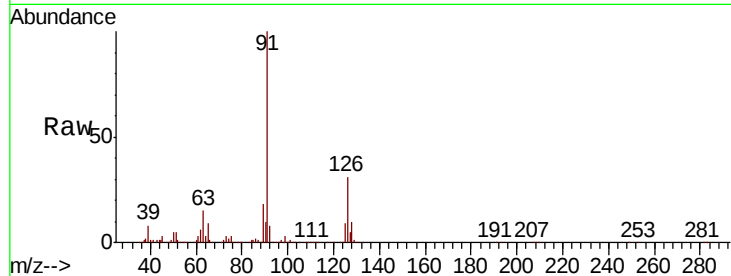
VSTDCCC050EC

Tot Ion: 91 Resp: 548357

Ion Ratio Lower Upper

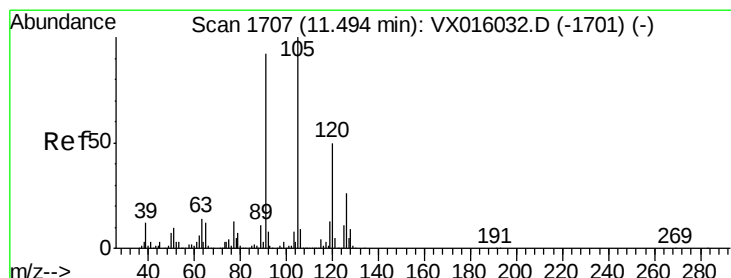
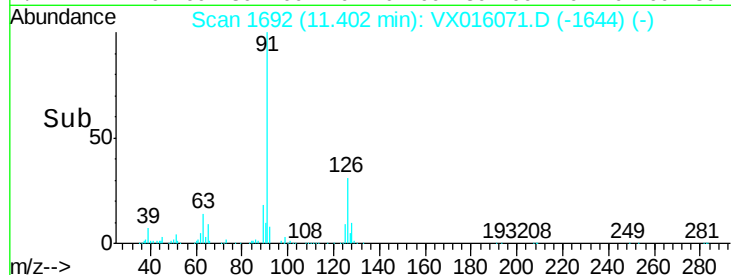
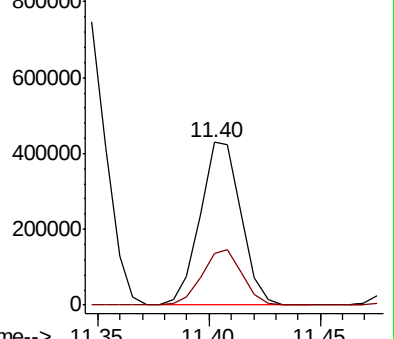
91 100

126 33.3 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016071.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016071.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.912 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016071.D

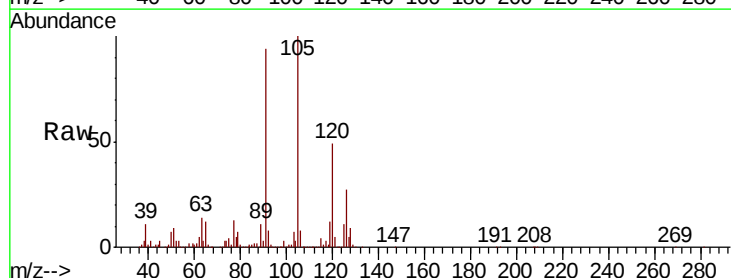
Acq: 05 May 2020 17:59

Tgt Ion: 105 Resp: 683487

Ion Ratio Lower Upper

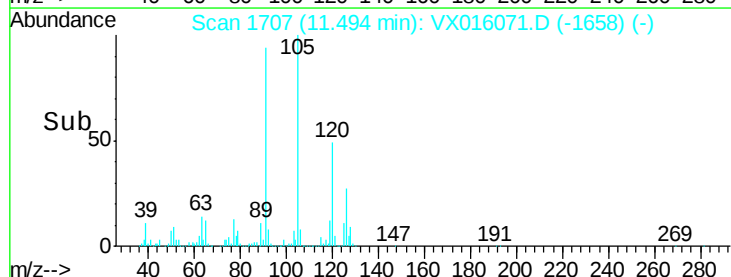
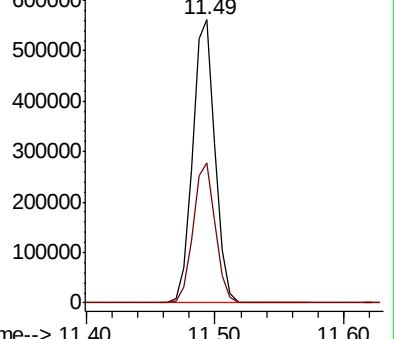
105 100

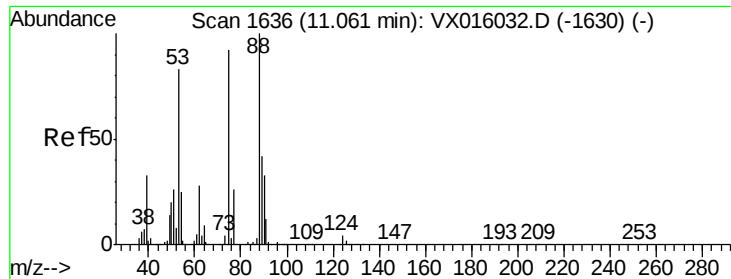
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016071.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016071.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.564 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

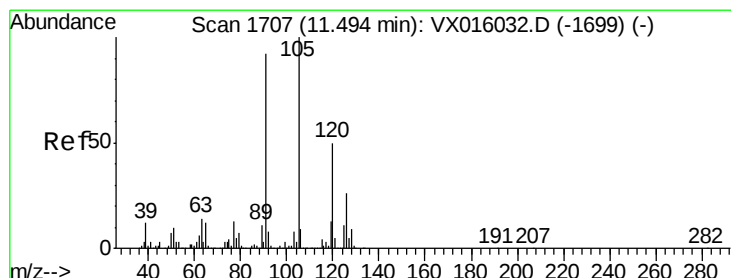
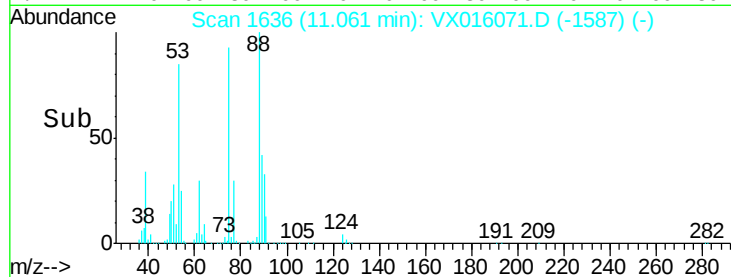
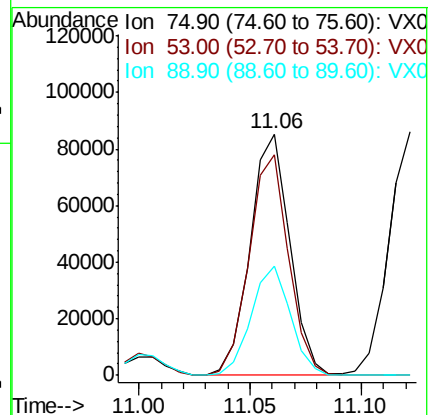
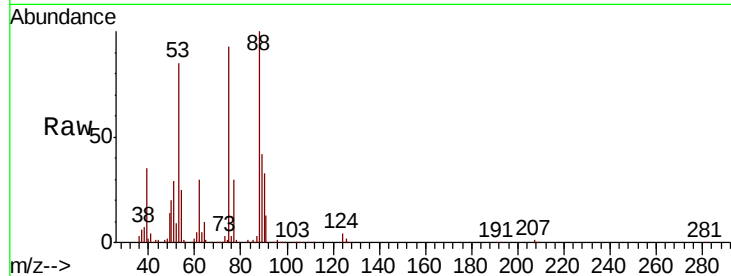
Tot Ion: 75 Resp: 105227

Ion Ratio Lower Upper

75 100

53 91.5 73.1 109.7

89 45.4 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.458 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016071.D

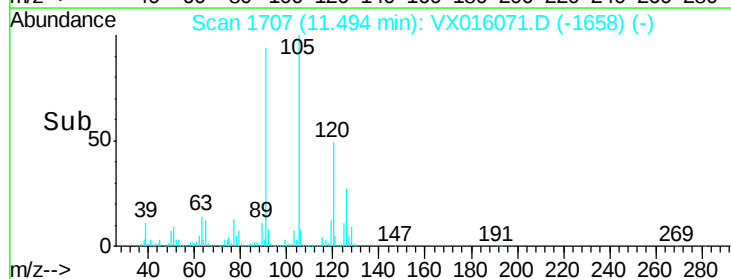
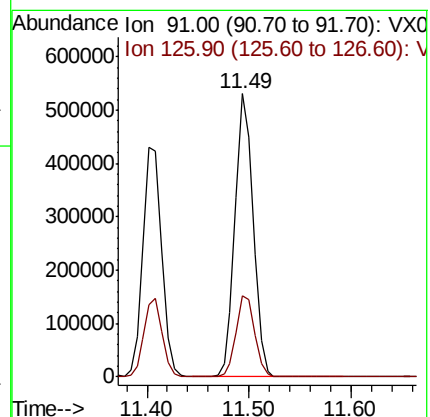
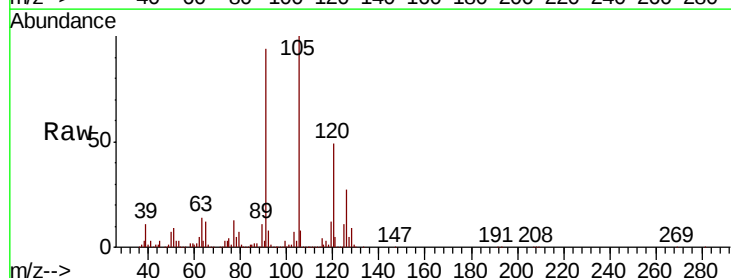
Acq: 05 May 2020 17:59

Tgt Ion: 91 Resp: 650342

Ion Ratio Lower Upper

91 100

126 29.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 48.772 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

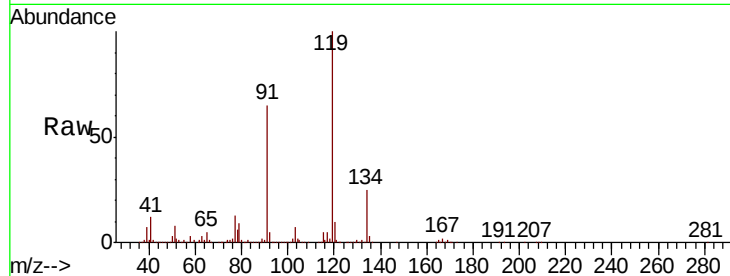
Tot Ion:119 Resp: 587351

Ion Ratio Lower Upper

119 100

91 64.1 32.8 98.4

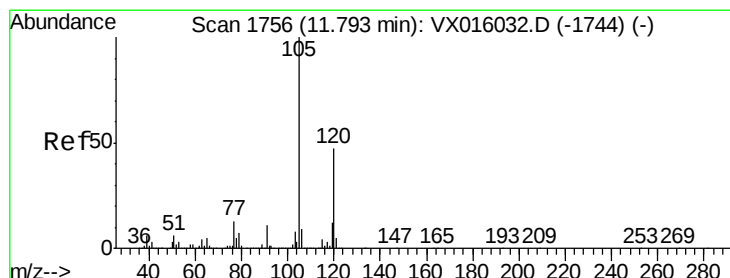
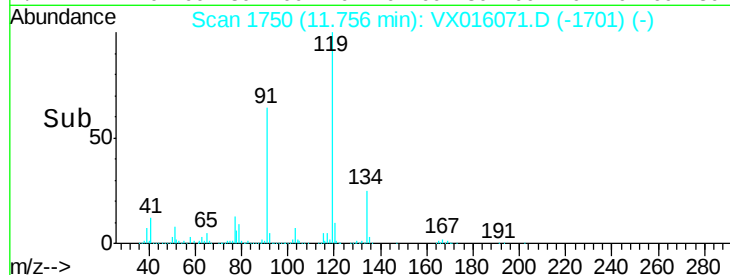
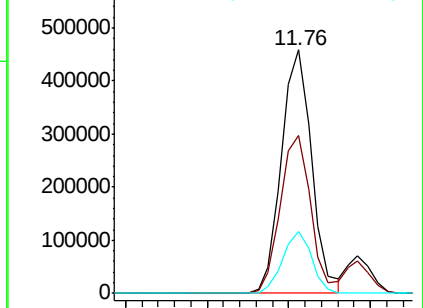
134 24.4 12.4 37.0



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: 49.042 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016071.D

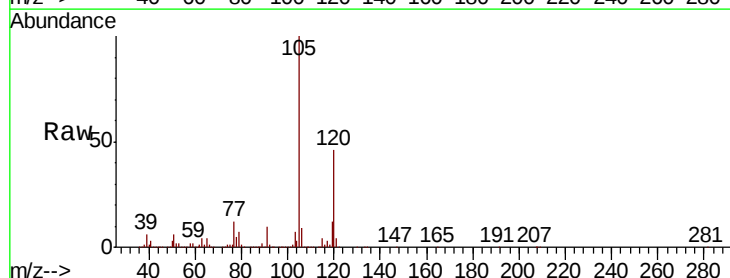
Acq: 05 May 2020 17:59

Tgt Ion:105 Resp: 692845

Ion Ratio Lower Upper

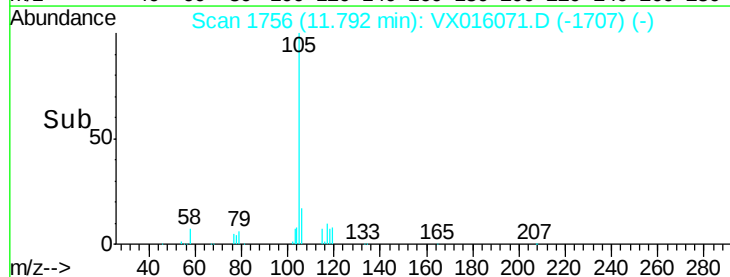
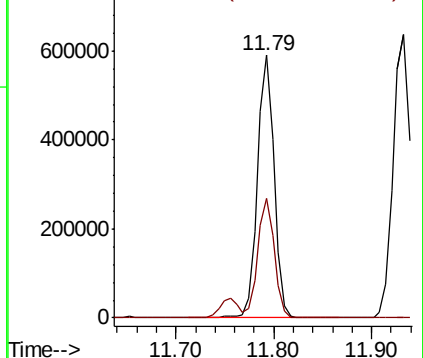
105 100

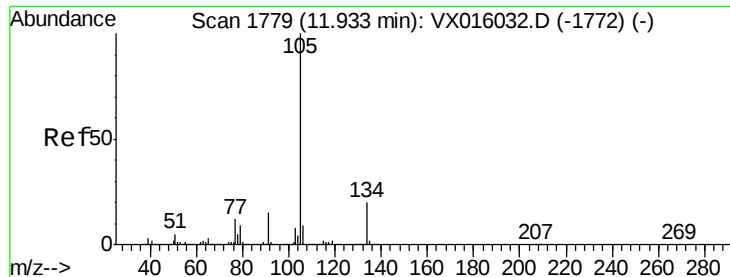
120 45.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

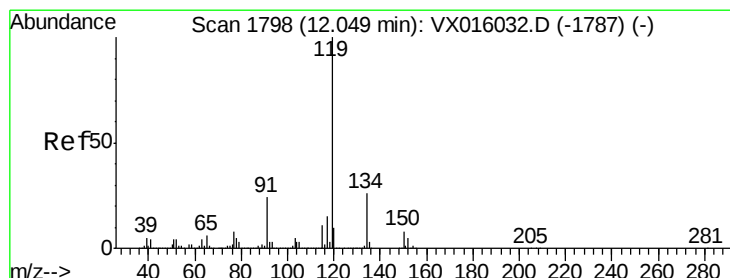
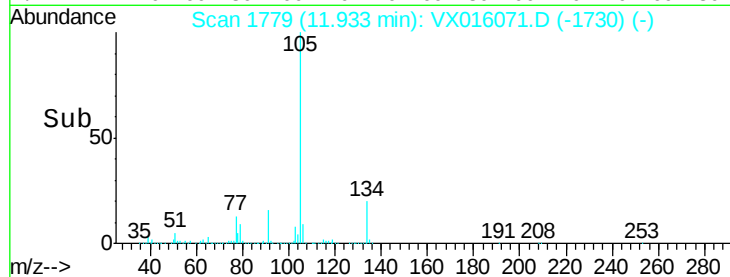
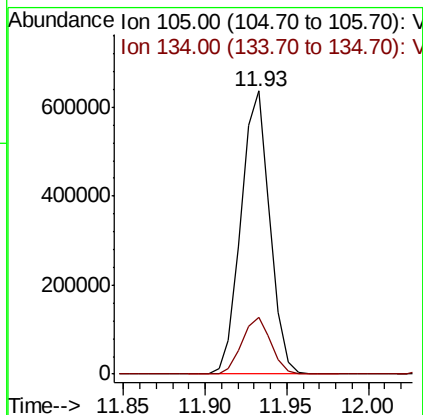
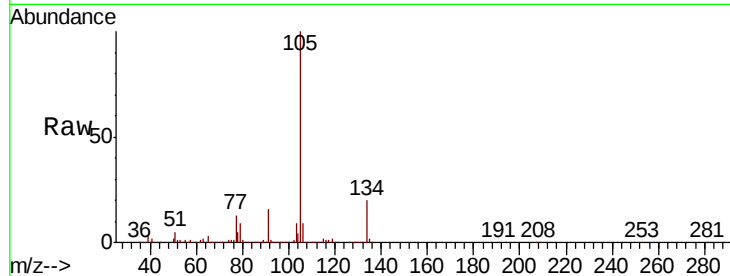




#85
 sec-Butylbenzene
 Concen: 48.089 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

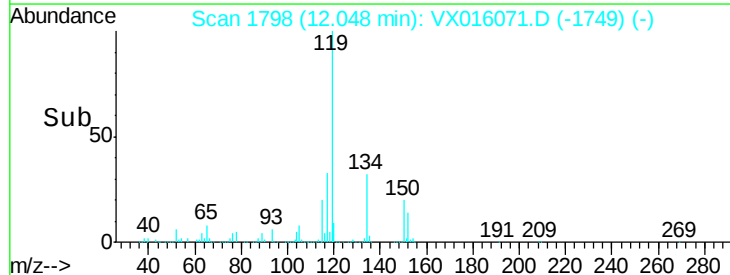
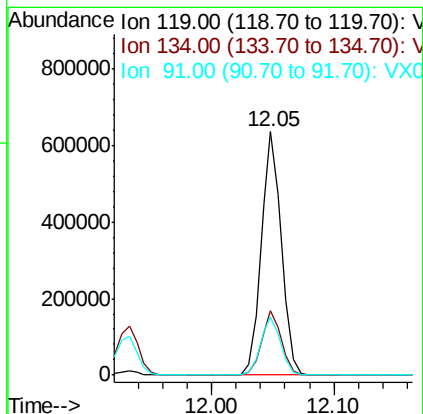
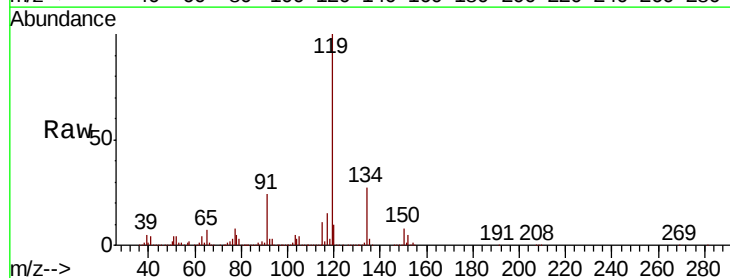
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

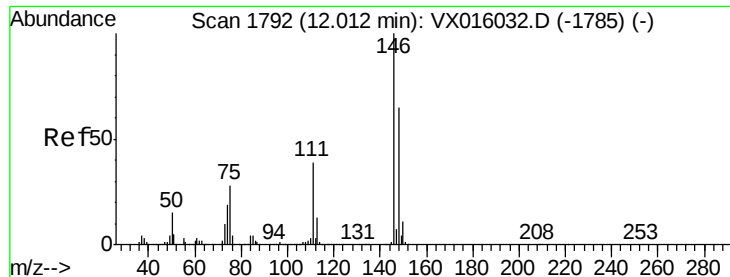
Tot Ion:105 Resp: 781923
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.187 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion:119 Resp: 727451
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 46.849 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

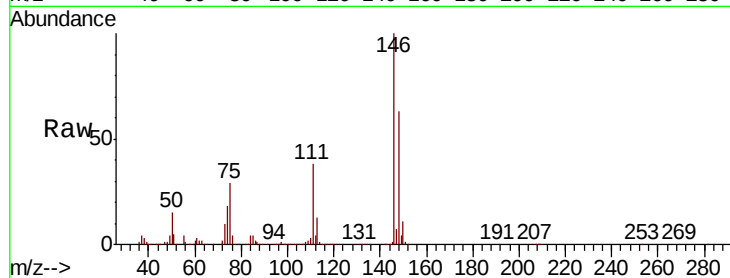
Tot Ion:146 Resp: 359353

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.6

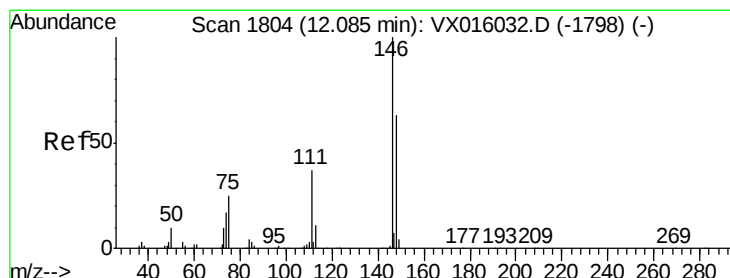
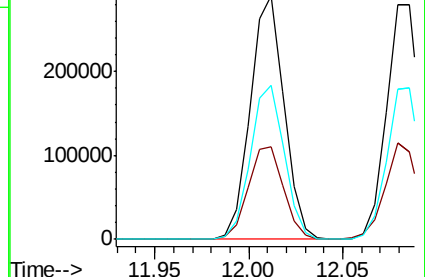
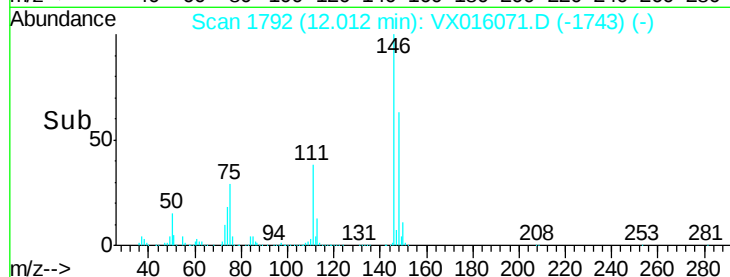
148 63.4 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 45.866 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

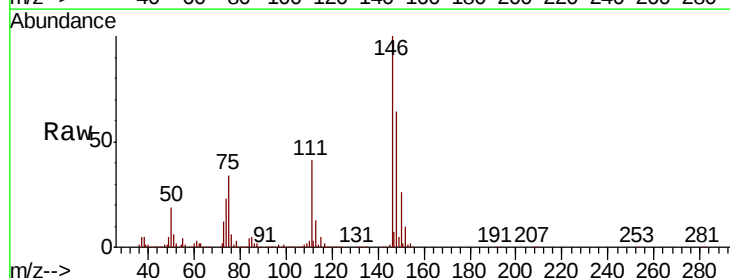
Tgt Ion:146 Resp: 357075

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

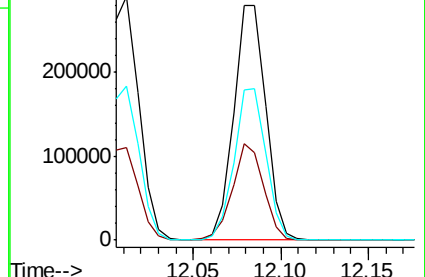
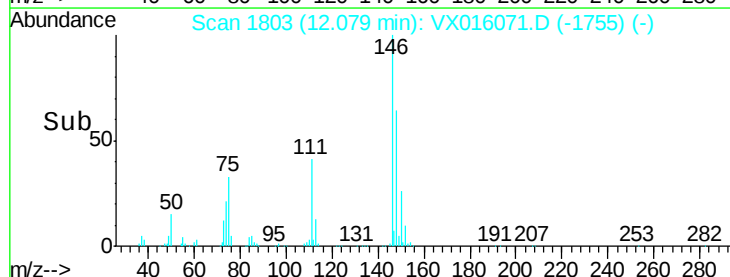
148 64.3 31.8 95.3

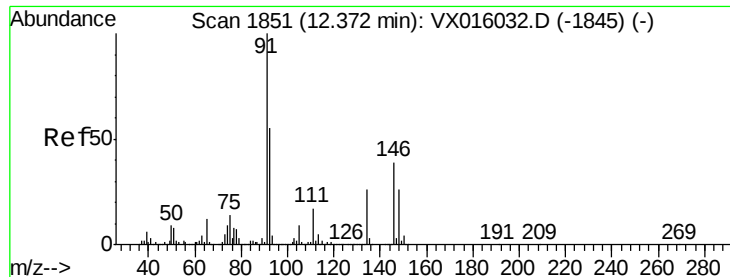


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

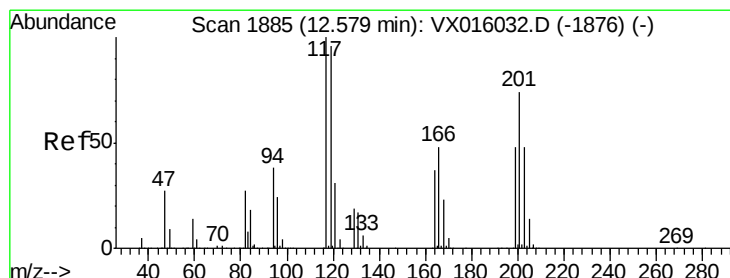
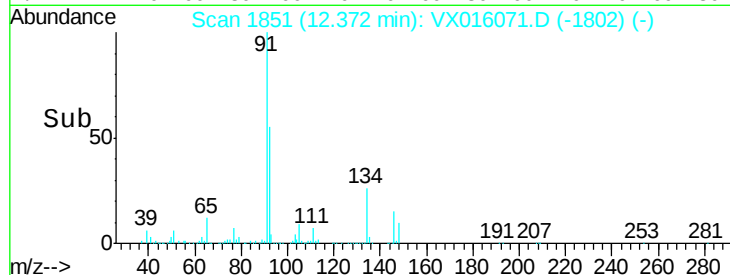
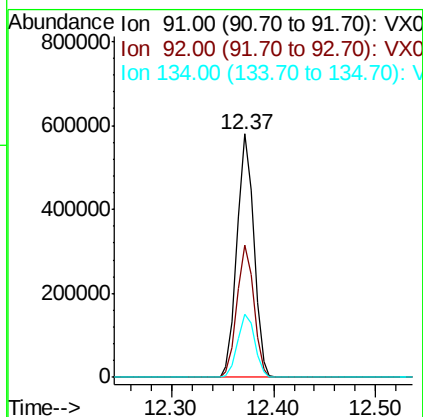
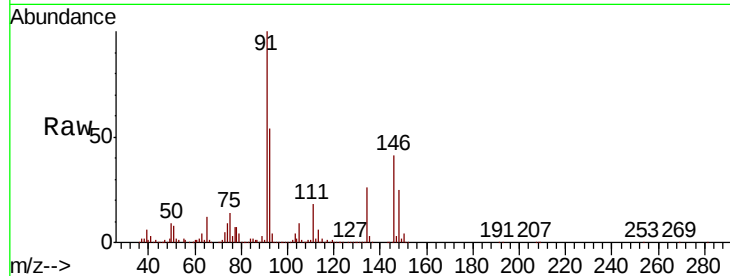




#89
n-Butylbenzene
Concen: 47.488 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

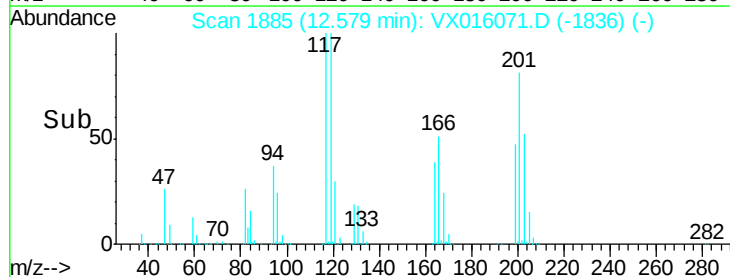
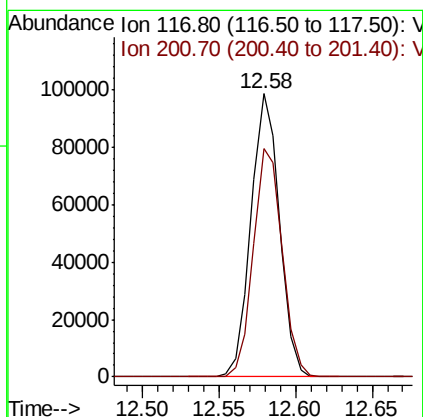
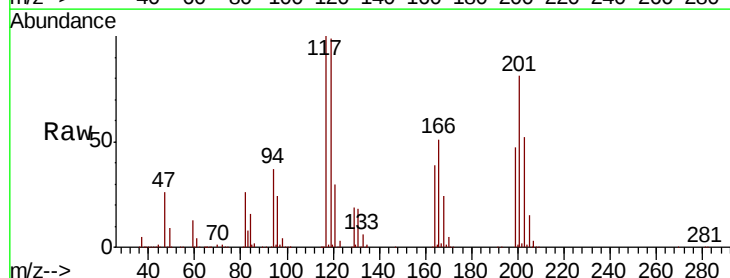
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

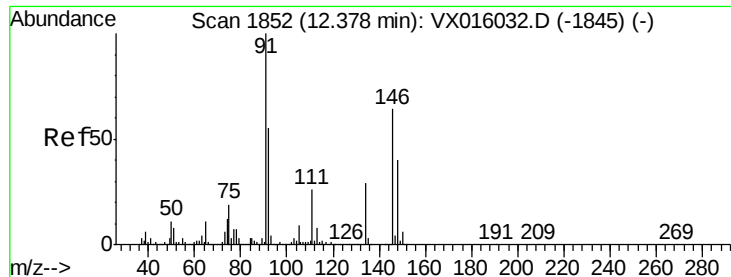
Tot Ion: 91 Resp: 654926
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 49.096 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 117 Resp: 127289
Ion Ratio Lower Upper
117 100
201 82.2 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 46.634 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

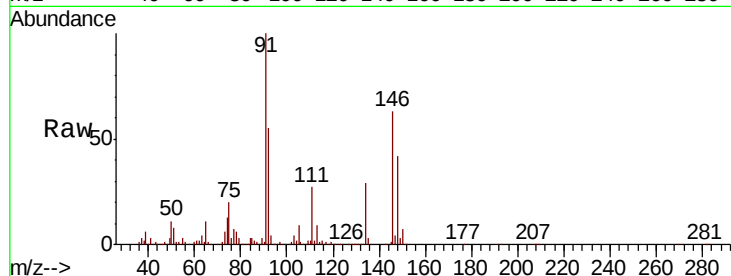
Tot Ion:146 Resp: 344433

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

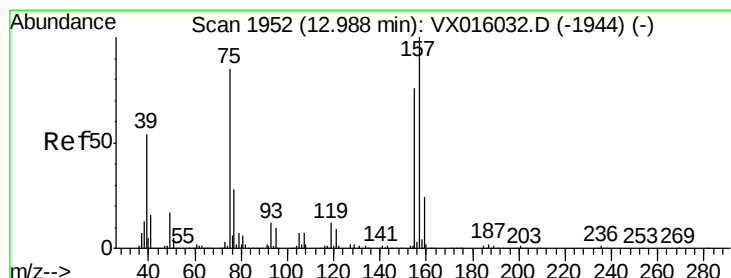
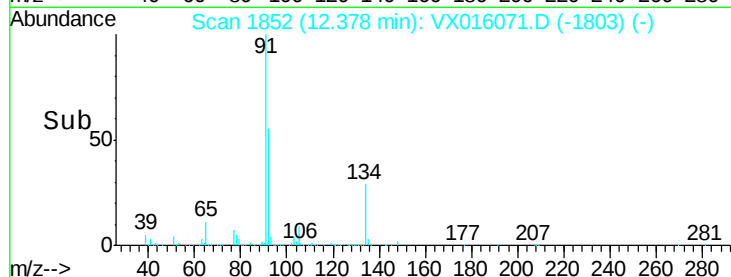
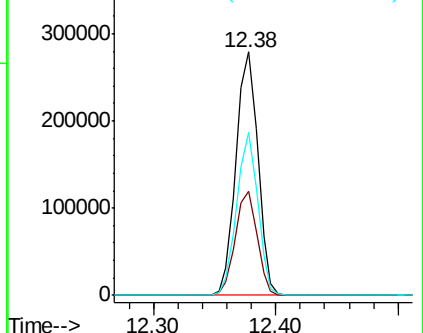
148 64.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.063 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

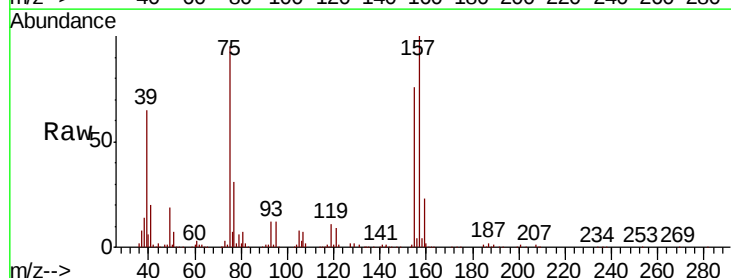
Tgt Ion: 75 Resp: 64047

Ion Ratio Lower Upper

75 100

155 85.9 42.5 127.5

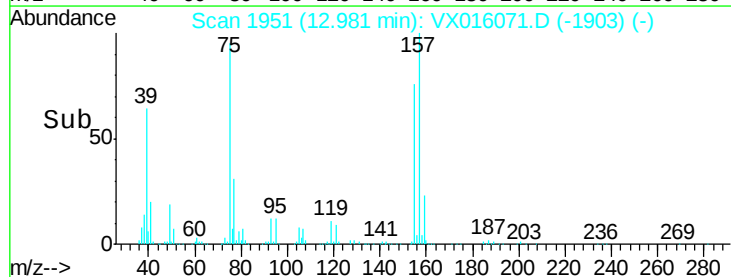
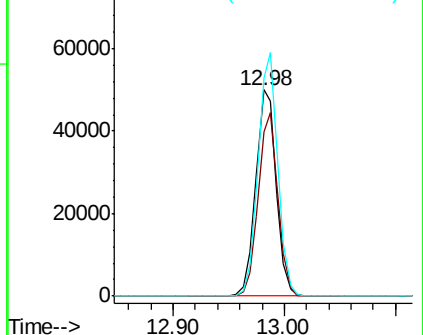
157 113.3 55.3 165.8

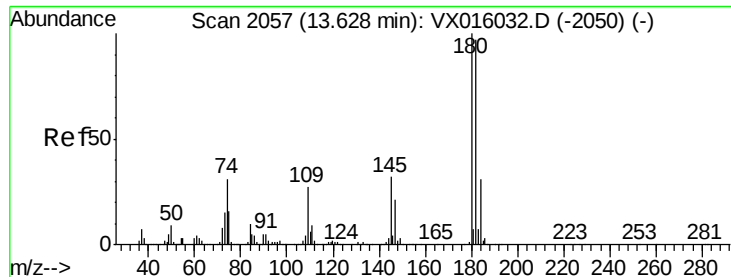


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

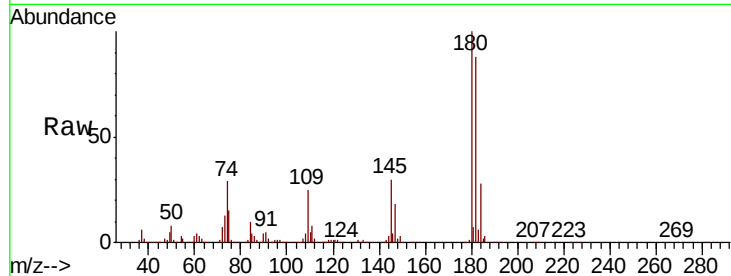




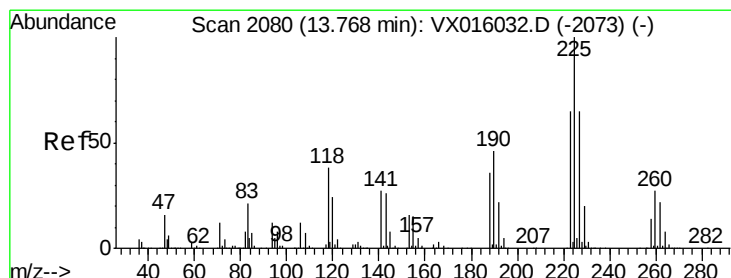
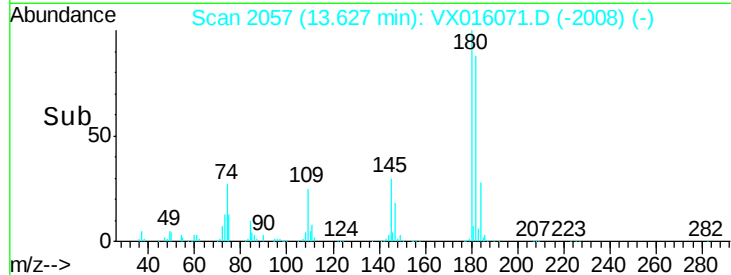
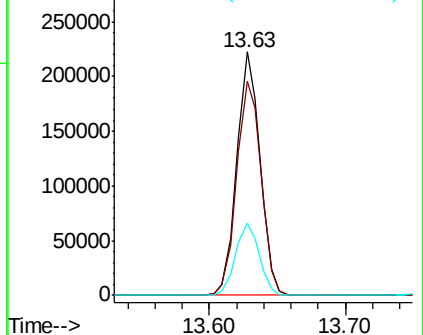
#93
 1,2,4-Trichlorobenzene
 Concen: 48.211 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.7	146.1
145	30.3	15.7	47.1

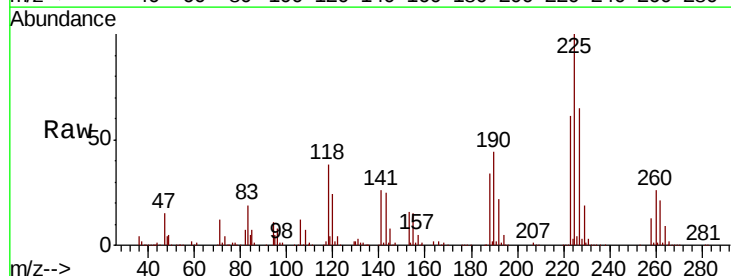


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

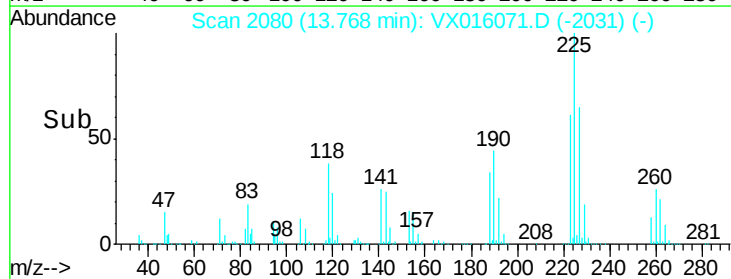
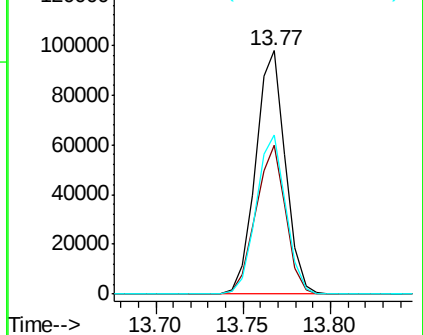


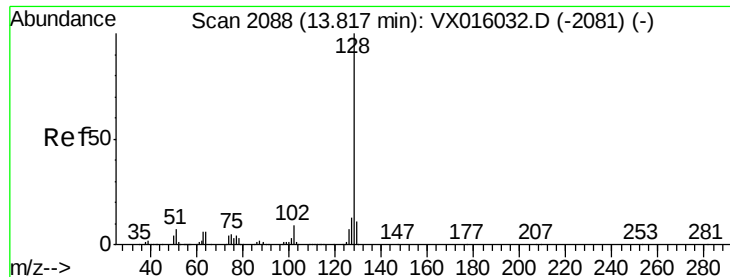
#94
 Hexachlorobutadiene
 Concen: 49.214 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.3	96.9
227	65.5	31.8	95.4



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

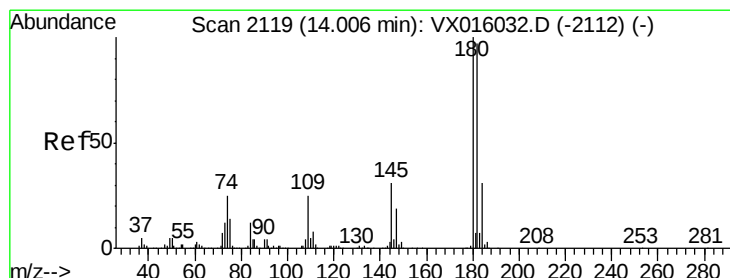
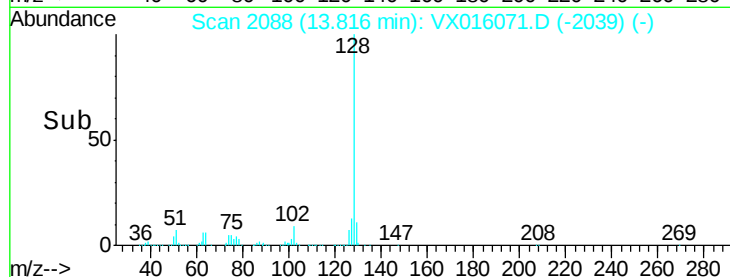
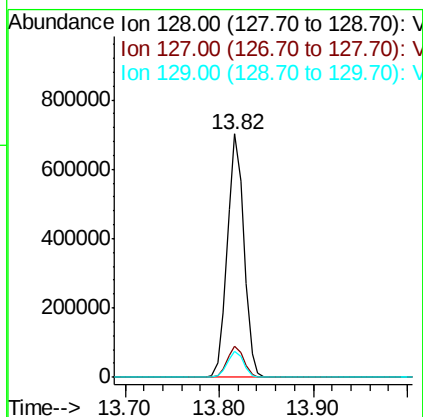
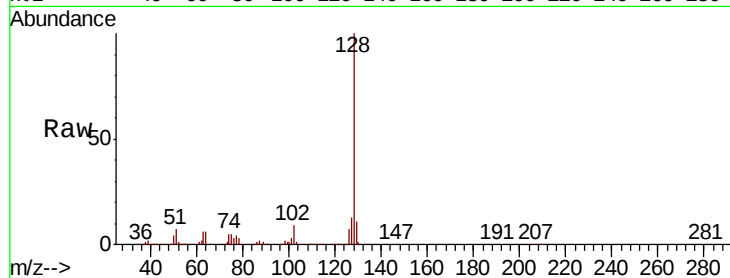




#95
Naphthalene
Concen: 48.364 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 856332
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.240 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion:180 Resp: 252458
Ion Ratio Lower Upper
180 100
182 96.3 48.4 145.0
145 32.1 16.4 49.1

