

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016083.D
 Acq On : 07 May 2020 09:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 02:01:07 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	339728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	524565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	196379	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	
35) Dibromofluoromethane	5.46	113	153354	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	8.70	98	593643	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.12	95	228142	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	171675	47.742	ug/l	99
3) Chloromethane	1.31	50	190218	45.549	ug/l	100
4) Vinyl Chloride	1.39	62	202706	45.496	ug/l	99
5) Bromomethane	1.62	94	98778	43.976	ug/l	96
6) Chloroethane	1.71	64	124928	46.083	ug/l	99
7) Trichlorofluoromethane	1.92	101	267716	45.769	ug/l	99
8) Diethyl Ether	2.17	74	106760	43.318	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153882	45.599	ug/l	99
10) Methyl Iodide	2.49	142	201920	44.544	ug/l	99
11) Tert butyl alcohol	3.01	59	235478	208.301	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155205	43.949	ug/l	92
13) Acrolein	2.27	56	134714	190.433	ug/l	100
14) Allyl chloride	2.70	41	297452	45.937	ug/l	98
15) Acrylonitrile	3.11	53	516864	220.396	ug/l	99
16) Acetone	2.42	43	416231	208.670	ug/l	96
17) Carbon Disulfide	2.55	76	484088	45.628	ug/l	100
18) Methyl Acetate	2.75	43	219732	44.803	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	571538	46.947	ug/l	99
20) Methylene Chloride	2.83	84	181558	44.153	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	177851	45.192	ug/l	98
22) Diisopropyl ether	3.82	45	571017	46.744	ug/l	91
23) Vinyl Acetate	3.78	43	2514551	233.970	ug/l	100
24) 1,1-Dichloroethane	3.67	63	319301	46.726	ug/l	99
25) 2-Butanone	4.63	43	686165	213.476	ug/l	99
26) 2,2-Dichloropropane	4.55	77	292410	46.855	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	197876	45.992	ug/l	99
28) Bromochloromethane	4.98	49	144820	46.477	ug/l	100
29) Tetrahydrofuran	5.08	42	463961	217.846	ug/l	100
30) Chloroform	5.18	83	316983	46.588	ug/l	99
31) Cyclohexane	5.54	56	295023	47.505	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	288573	46.660	ug/l	100
36) 1,1-Dichloropropene	5.76	75	245700	47.583	ug/l	99
37) Ethyl Acetate	4.79	43	272662	45.559	ug/l	99
38) Carbon Tetrachloride	5.75	117	256641	48.899	ug/l	96

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Quant Time: May 08 02:01:07 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)
39) Methylcyclohexane	7.44	83	305887	49.191	ug/l	97
40) Benzene	6.11	78	721747	47.771	ug/l	100
41) Methacrylonitrile	5.00	41	147675	45.691	ug/l	99
42) 1,2-Dichloroethane	6.16	62	253637	46.603	ug/l	100
43) Isopropyl Acetate	6.41	43	445660	46.671	ug/l	100
44) Trichloroethene	7.19	130	265197	49.408	ug/l	99
45) 1,2-Dichloropropane	7.49	63	186199	48.706	ug/l	99
46) Dibromomethane	7.63	93	122631	47.203	ug/l	99
47) Bromodichloromethane	7.87	83	258282	48.814	ug/l	100
48) Methyl methacrylate	7.74	41	210389	46.498	ug/l	98
49) 1,4-Dioxane	7.71	88	96383	888.176	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1363414	233.327	ug/l	100
52) Toluene	8.76	92	456130	48.435	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	303783	48.153	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	320316	48.610	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	177243	47.837	ug/l	99
56) Ethyl methacrylate	9.16	69	296512	49.027	ug/l	98
57) 1,3-Dichloropropane	9.35	76	312766	48.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	775930	240.989	ug/l	100
59) 2-Hexanone	9.47	43	1070580	233.296	ug/l	99
60) Dibromochloromethane	9.57	129	207265	50.792	ug/l	99
61) 1,2-Dibromoethane	9.65	107	192630	47.998	ug/l	99
64) Tetrachloroethene	9.32	164	295944	50.101	ug/l	98
65) Chlorobenzene	10.12	112	487247	48.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	183406	49.251	ug/l	99
67) Ethyl Benzene	10.23	91	881780	49.052	ug/l	99
68) m/p-Xylenes	10.34	106	672761	99.888	ug/l	99
69) o-Xylene	10.68	106	318687	49.225	ug/l	99
70) Styrene	10.70	104	554291	50.467	ug/l	100
71) Bromoform	10.84	173	156424	51.558	ug/l	100
73) Isopropylbenzene	11.00	105	871379	48.176	ug/l	100
74) N-amyl acetate	10.88	43	385471	45.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	135733	39.455	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	350398	62.094	ug/l	83
77) Bromobenzene	11.24	156	215270	46.110	ug/l	99
78) n-propylbenzene	11.34	91	1008347	47.921	ug/l	100
79) 2-Chlorotoluene	11.40	91	588798	47.406	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	739223	48.405	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	111404	47.046	ug/l #	89
82) 4-Chlorotoluene	11.49	91	697095	47.528	ug/l	100
83) tert-Butylbenzene	11.76	119	632795	48.081	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	747325	48.403	ug/l	99
85) sec-Butylbenzene	11.93	105	855953	48.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	804936	48.789	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	394794	47.096	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	394911	46.415	ug/l	100
89) n-Butylbenzene	12.37	91	738397	48.991	ug/l	99
90) Hexachloroethane	12.58	117	139296	49.162	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	375011	46.460	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63476	42.680	ug/l	98

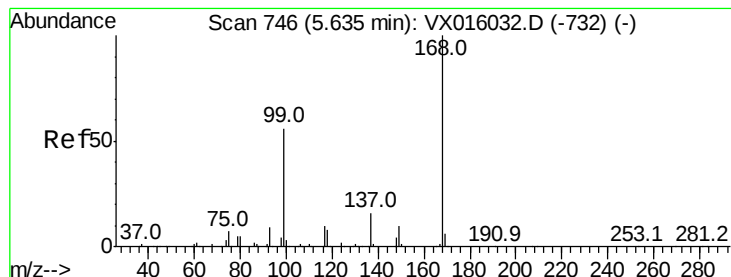
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	280055	46.864	ug/l	99
94) Hexachlorobutadiene	13.77	225	137023	53.215	ug/l	97
95) Naphthalene	13.82	128	901526	46.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	288325	49.368	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

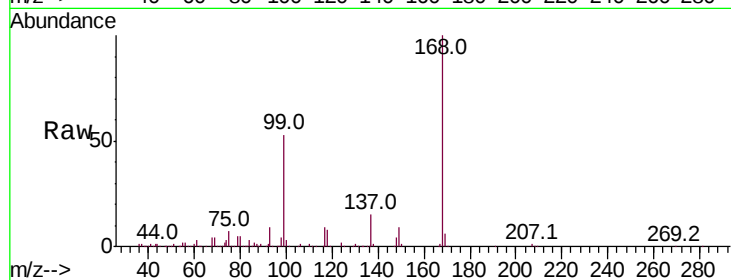
VSTDCCC050

Tot Ion:168 Resp: 339728

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

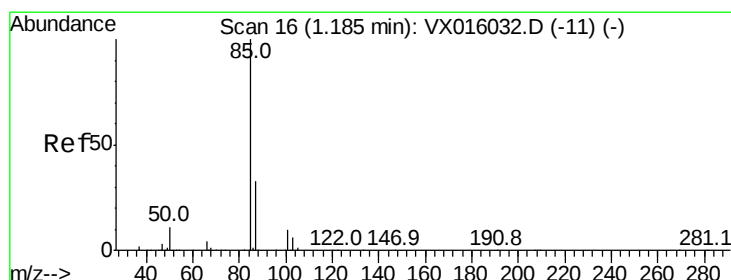
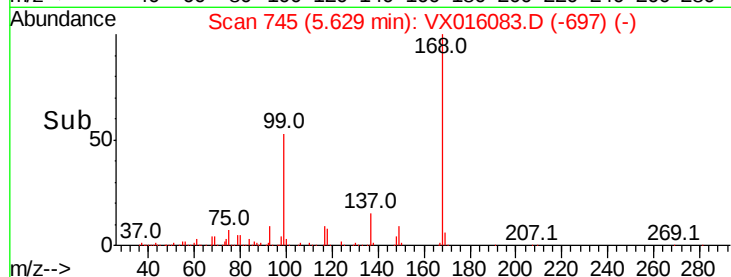
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.742 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016083.D

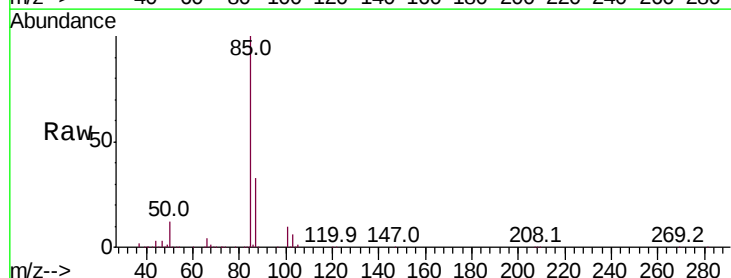
Acq: 07 May 2020 09:55

Tgt Ion: 85 Resp: 171675

Ion Ratio Lower Upper

85 100

87 33.2 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

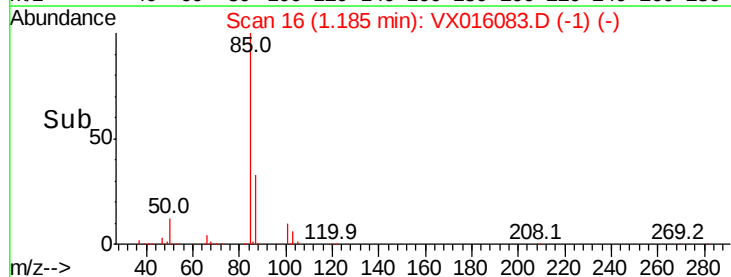
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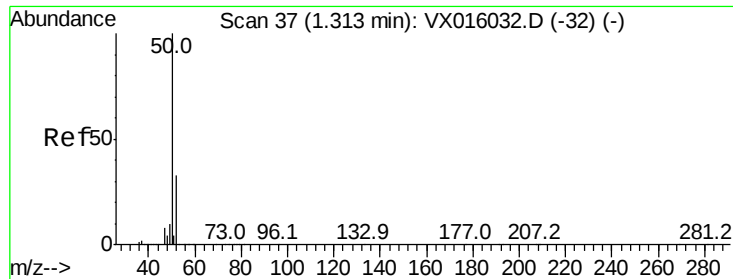
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.549 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

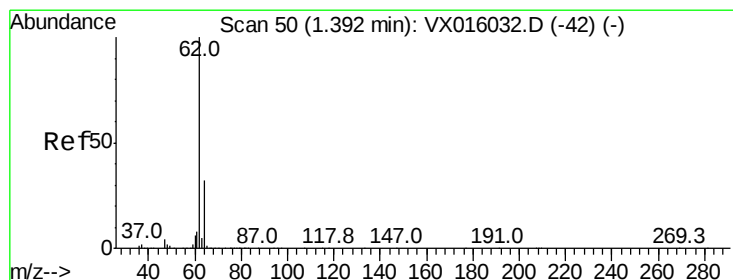
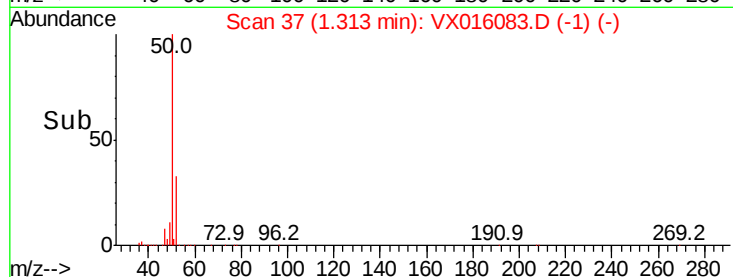
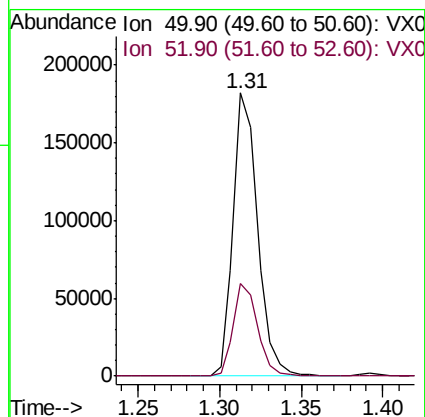
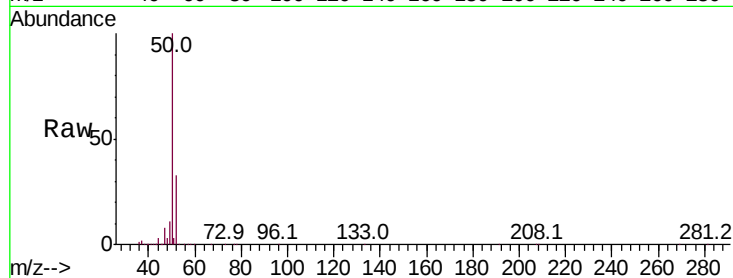
VSTDCCC050

Tot Ion: 50 Resp: 190218

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 45.496 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016083.D

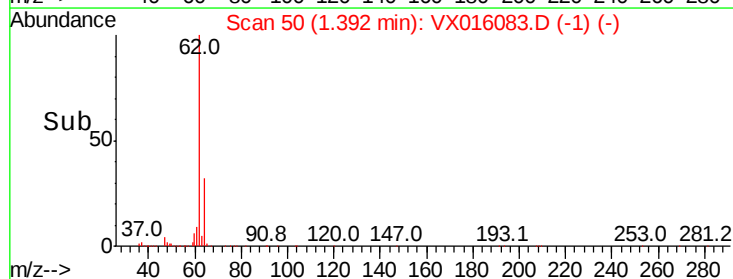
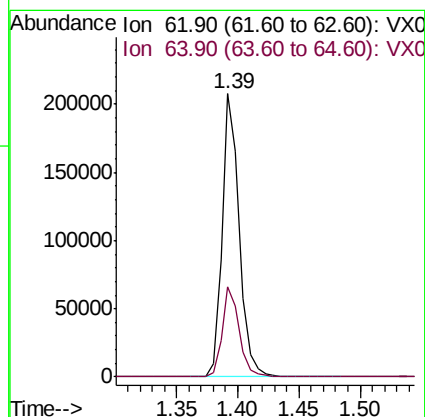
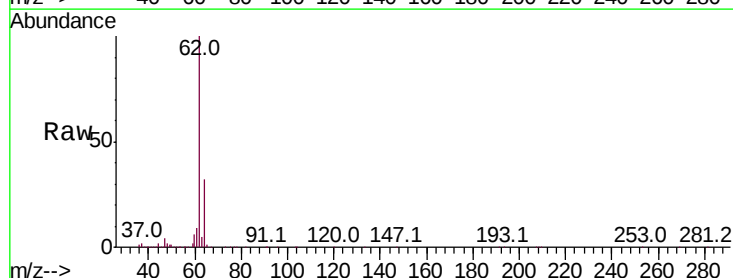
Acq: 07 May 2020 09:55

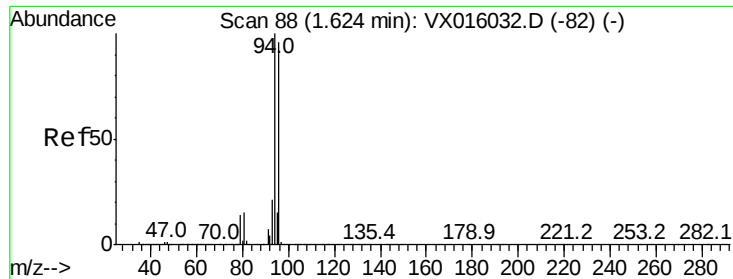
Tgt Ion: 62 Resp: 202706

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 43.976 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

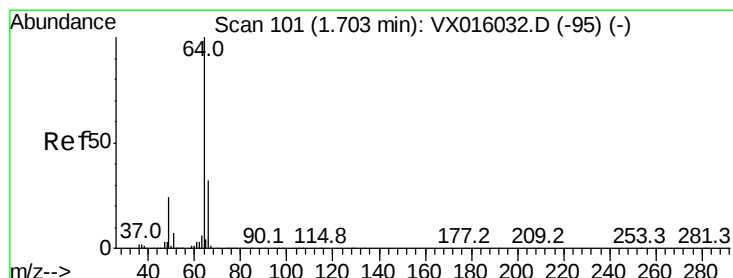
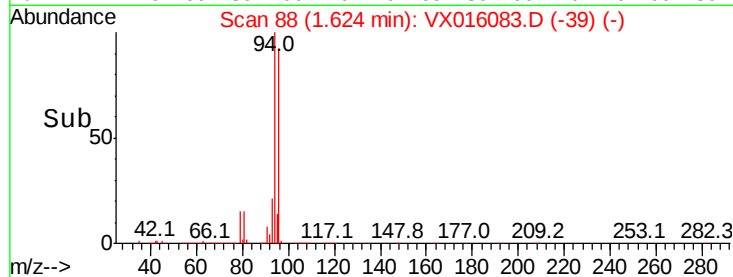
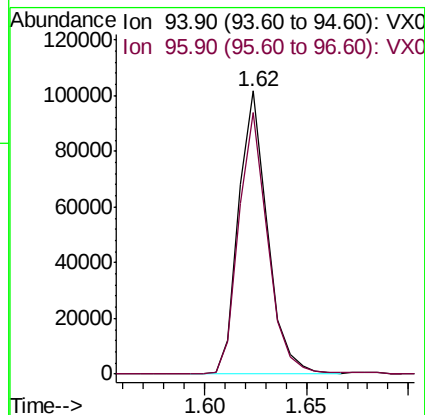
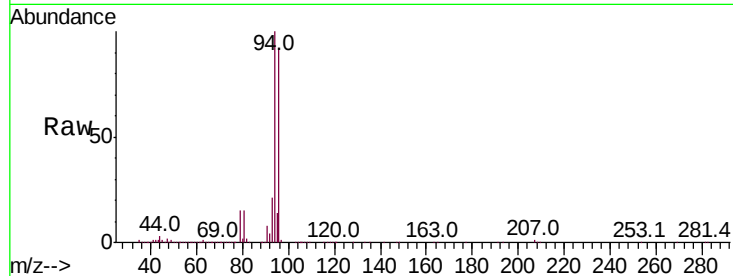
VSTDCCC050

Tot Ion: 94 Resp: 98778

Ion Ratio Lower Upper

94 100

96 92.2 76.9 115.3



#6

Chloroethane

Concen: 46.083 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016083.D

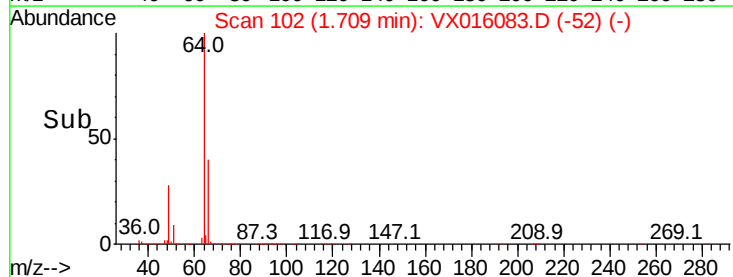
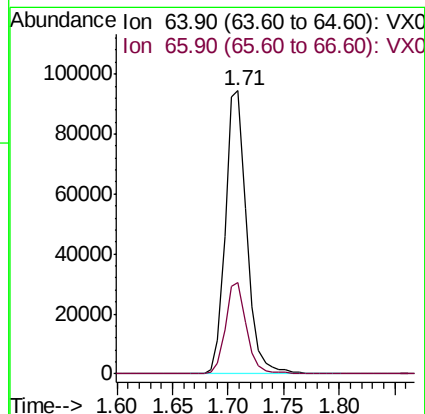
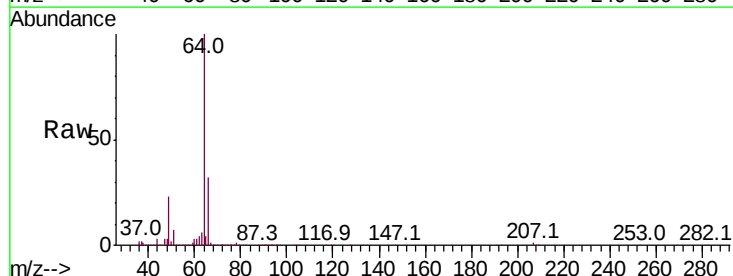
Acq: 07 May 2020 09:55

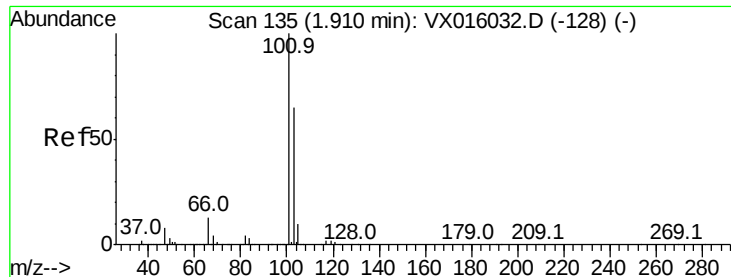
Tgt Ion: 64 Resp: 124928

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



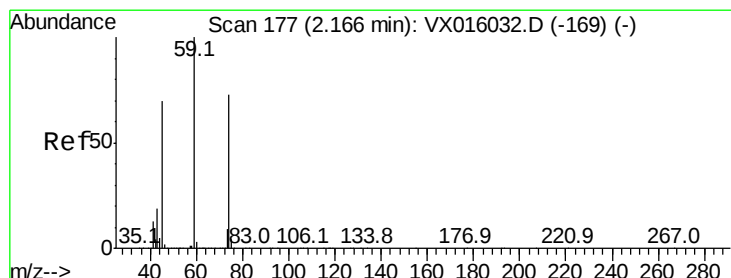
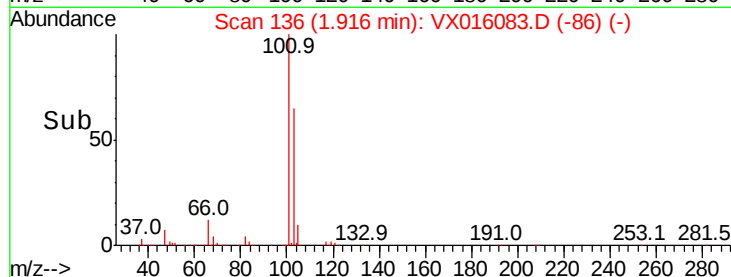
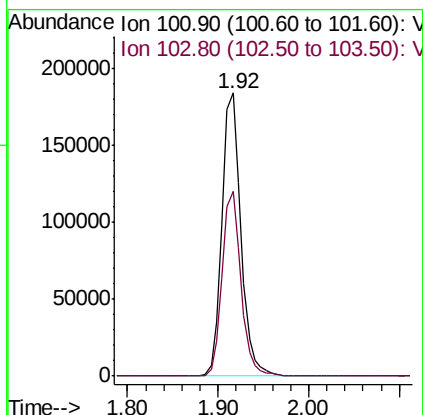
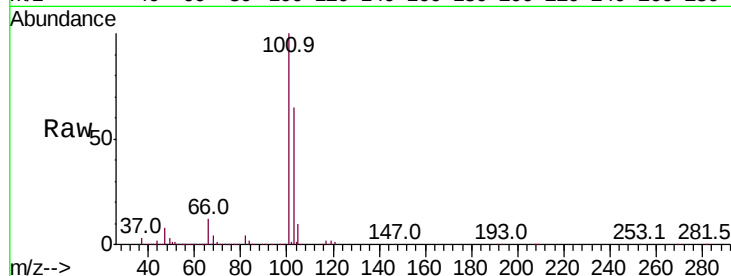


#7

Trichlorofluoromethane
Concen: 45.769 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016083.D
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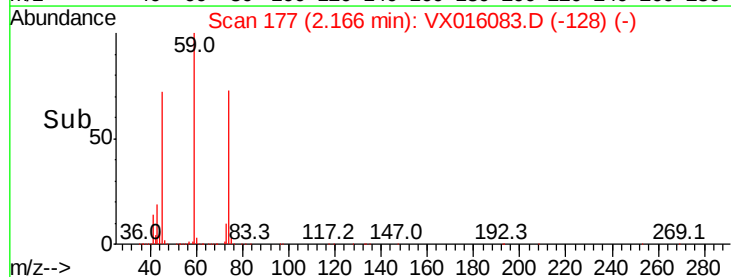
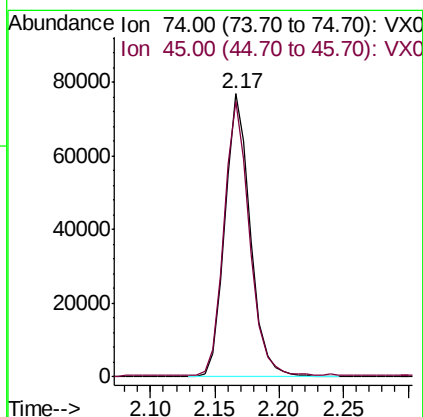
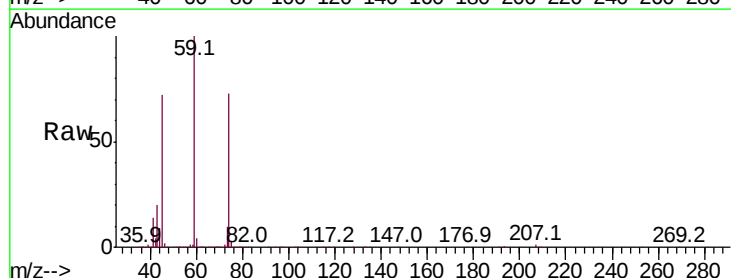
Tot Ion:101 Resp: 267716
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

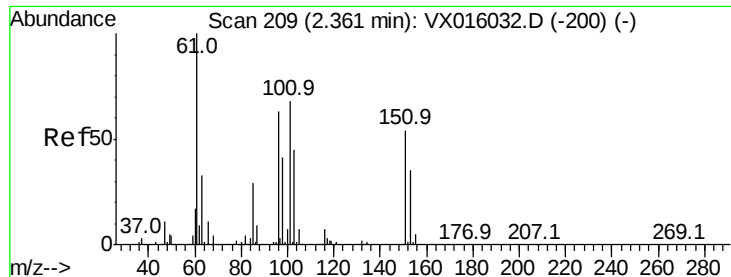


#8

Diethyl Ether
Concen: 43.318 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 74 Resp: 106760
Ion Ratio Lower Upper
74 100
45 97.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.599 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

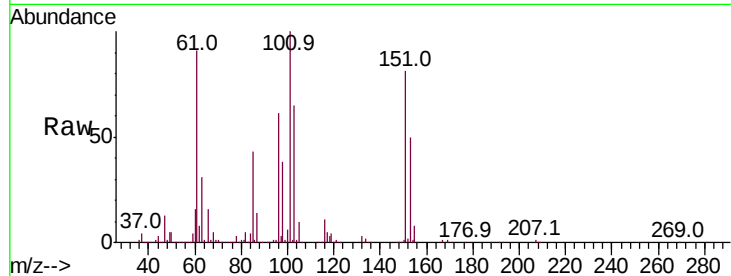
Tot Ion:101 Resp: 153882

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

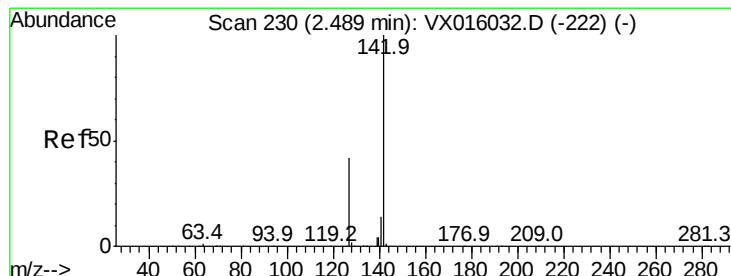
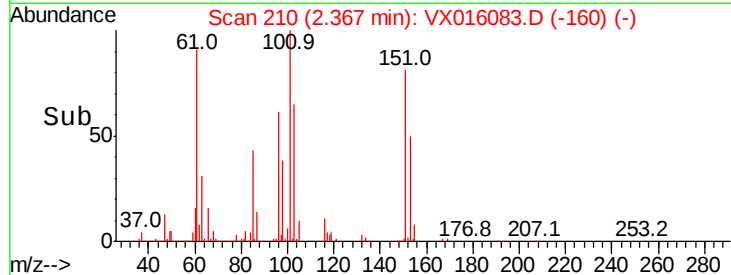
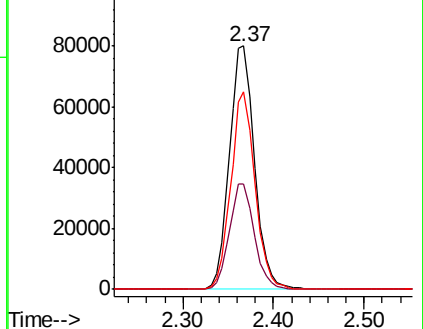
151 78.3 62.1 93.1



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: 44.544 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

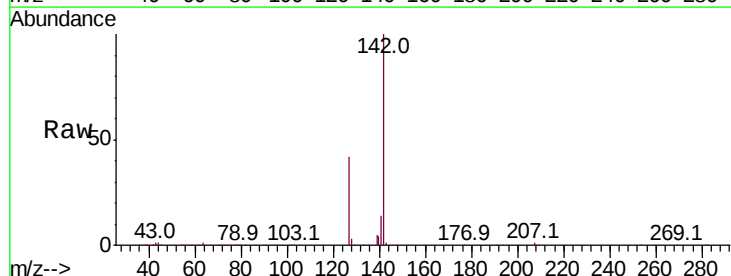
Tgt Ion:142 Resp: 201920

Ion Ratio Lower Upper

142 100

127 42.6 34.6 52.0

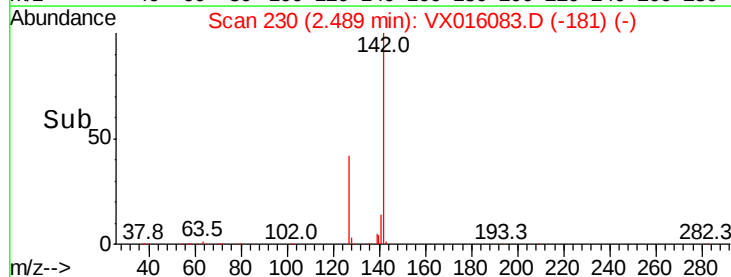
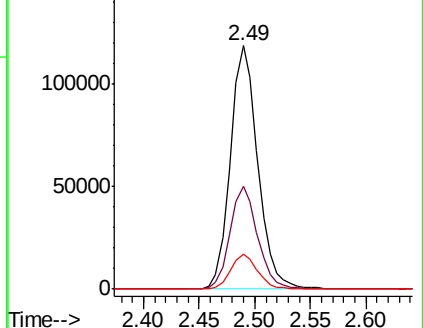
141 14.2 11.3 16.9

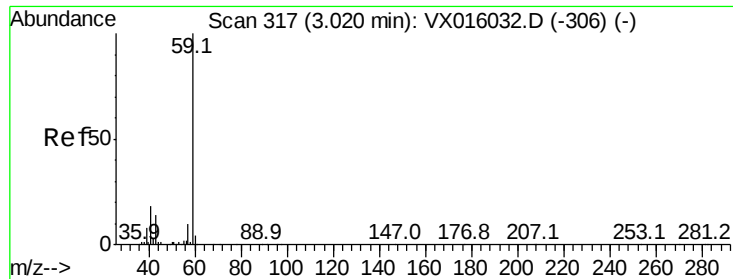


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



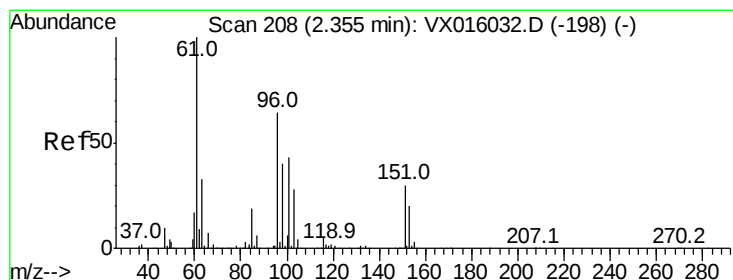
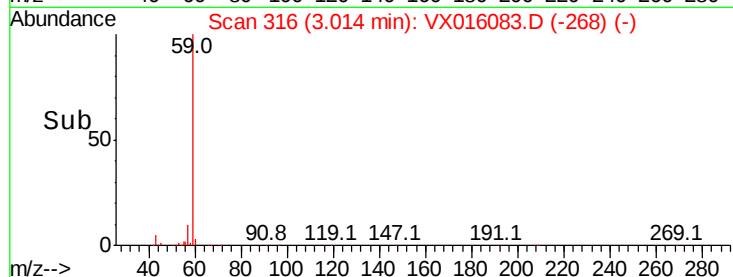
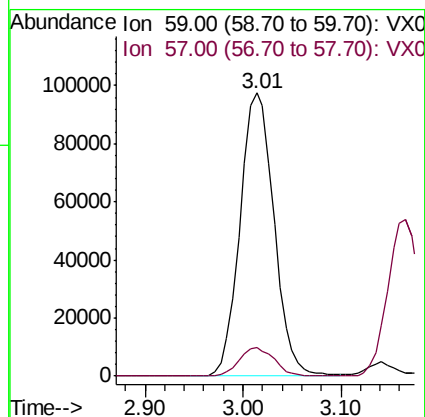
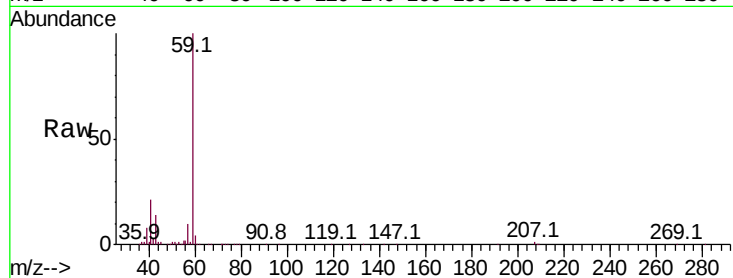


#11

Tert butyl alcohol
 Concen: 208.301 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

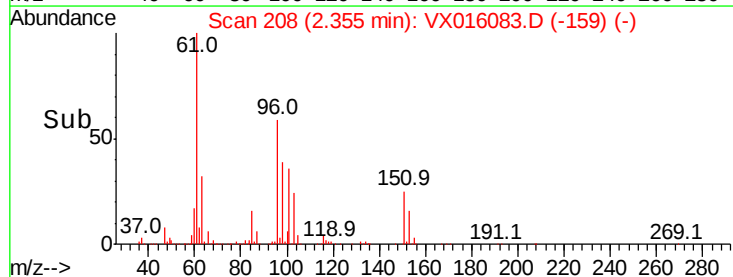
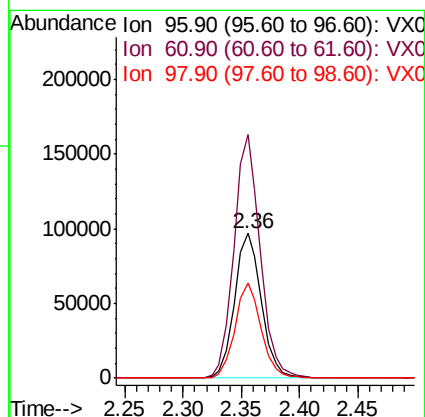
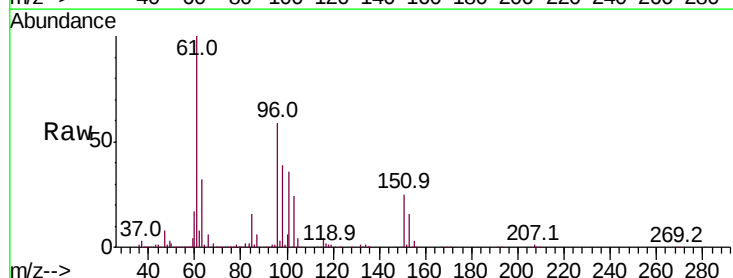
Tot Ion: 59 Resp: 235478
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

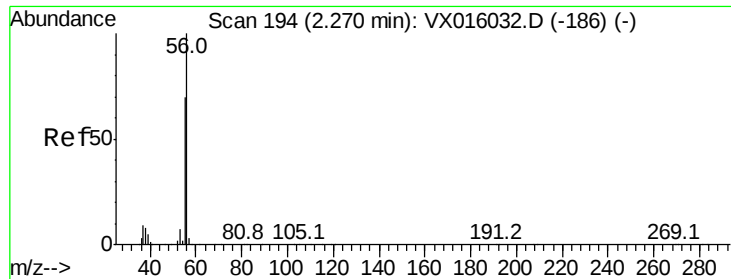


#12

1,1-Dichloroethene
 Concen: 43.949 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Tgt Ion: 96 Resp: 155205
 Ion Ratio Lower Upper
 96 100
 61 168.6 124.8 187.2
 98 65.5 49.7 74.5





#13

Acrolein

Concen: 190.433 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

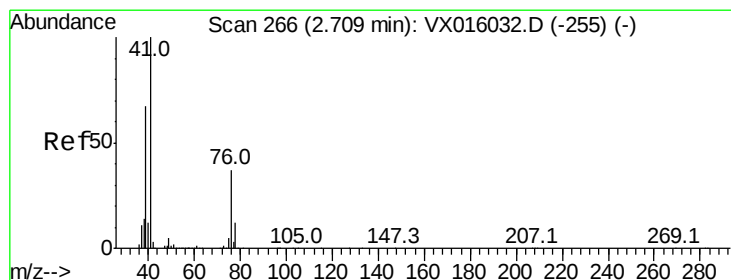
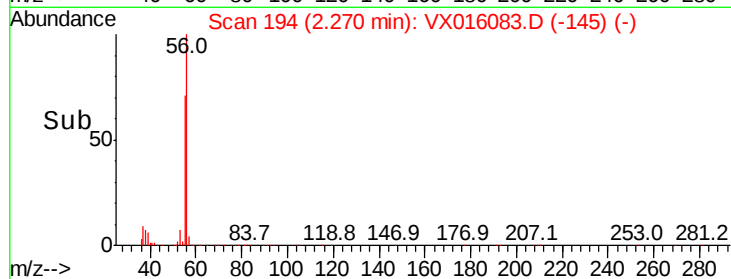
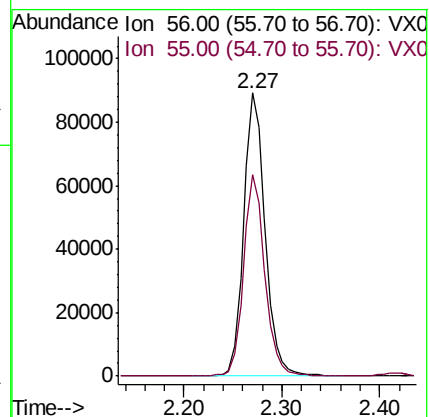
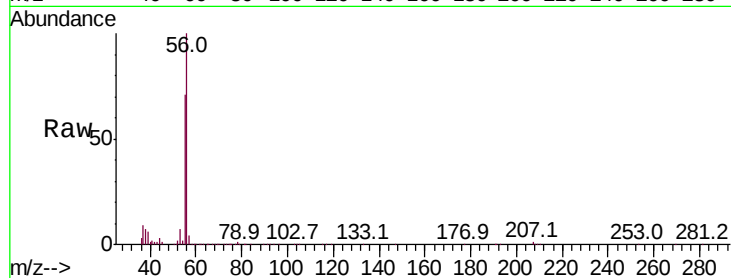
VSTDCCC050

Tot Ion: 56 Resp: 134714

Ion Ratio Lower Upper

56 100

55 70.9 56.5 84.7



#14

Allyl chloride

Concen: 45.937 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

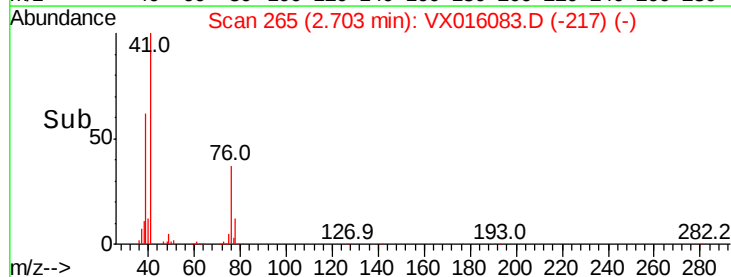
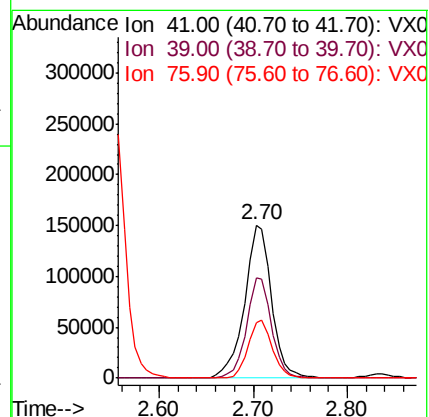
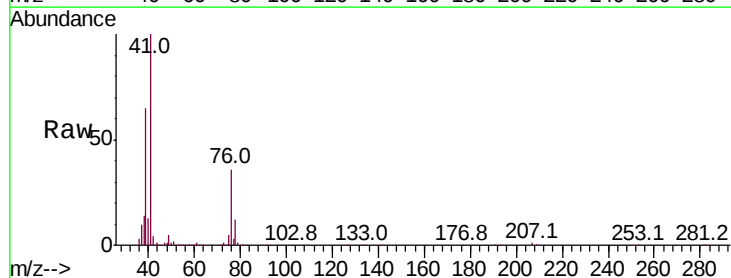
Tgt Ion: 41 Resp: 297452

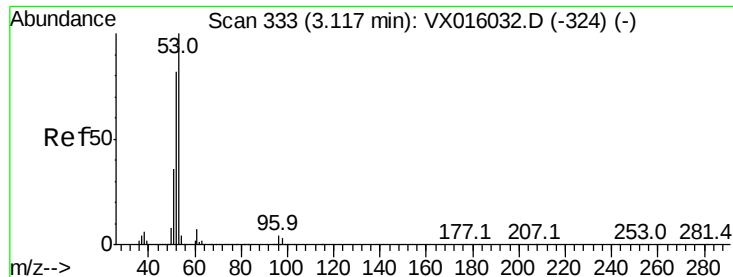
Ion Ratio Lower Upper

41 100

39 60.9 50.5 75.7

76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 220.396 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

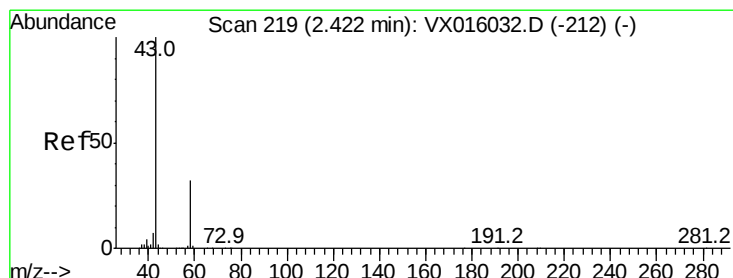
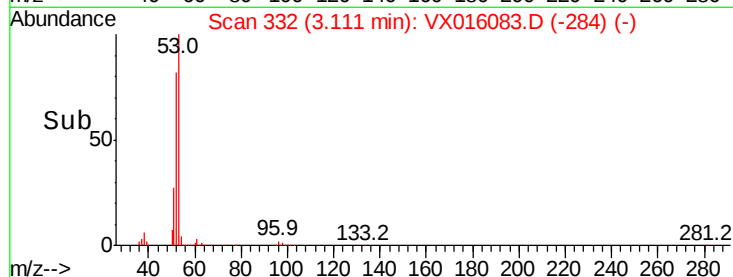
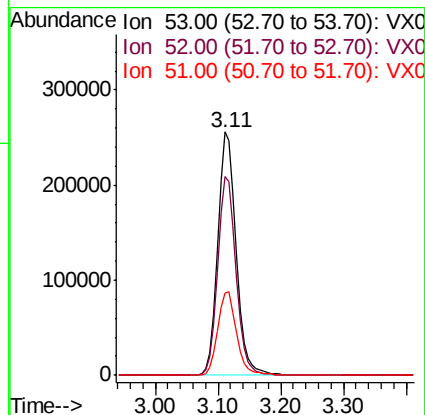
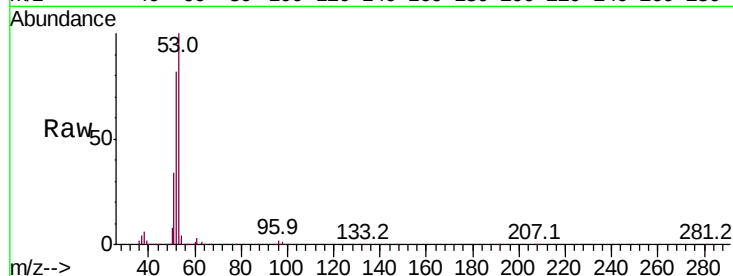
Tot Ion: 53 Resp: 516864

Ion Ratio Lower Upper

53 100

52 81.7 66.1 99.1

51 35.4 28.8 43.2



#16

Acetone

Concen: 208.670 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016083.D

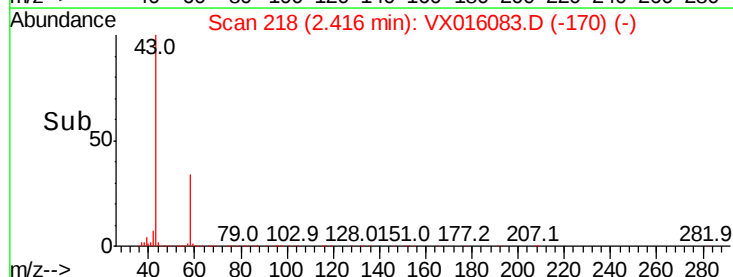
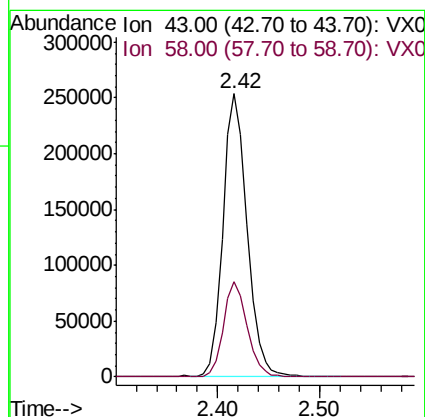
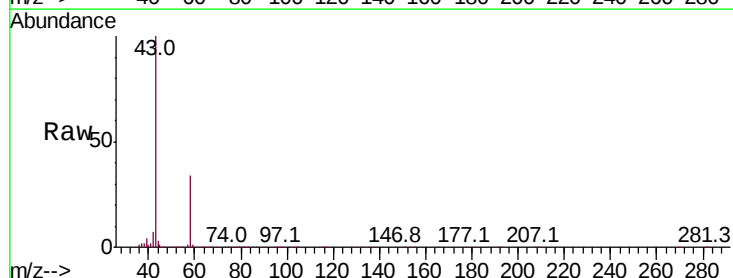
Acq: 07 May 2020 09:55

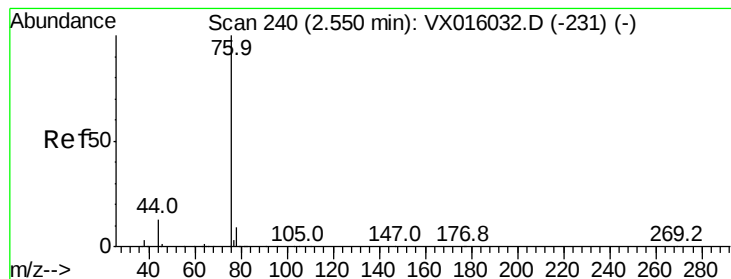
Tgt Ion: 43 Resp: 416231

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.0





#17

Carbon Disulfide

Concen: 45.628 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

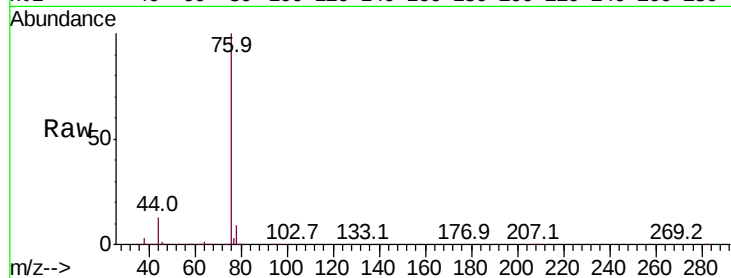
VSTDCCC050

Tot Ion: 76 Resp: 484088

Ion Ratio Lower Upper

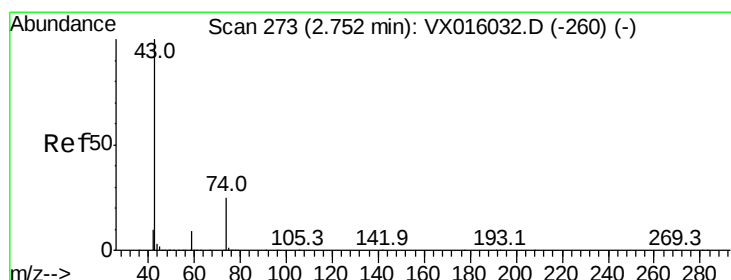
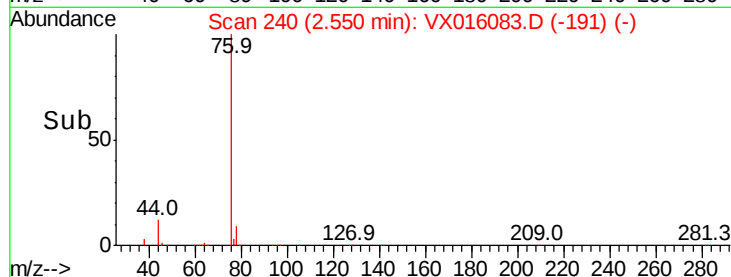
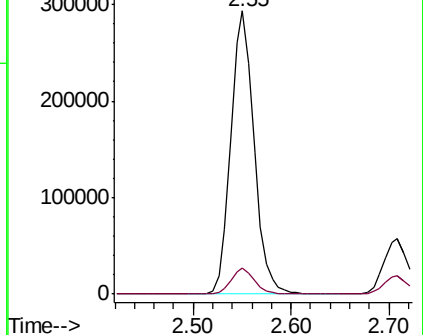
76 100

78 9.3 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: 44.803 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016083.D

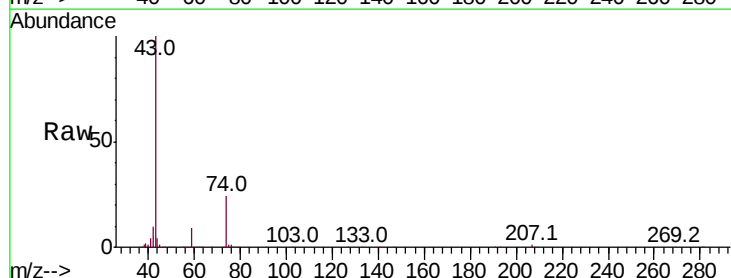
Acq: 07 May 2020 09:55

Tgt Ion: 43 Resp: 219732

Ion Ratio Lower Upper

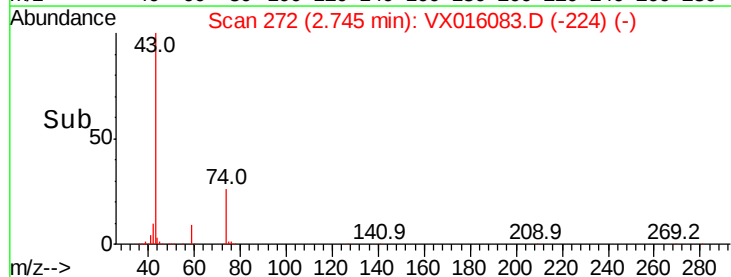
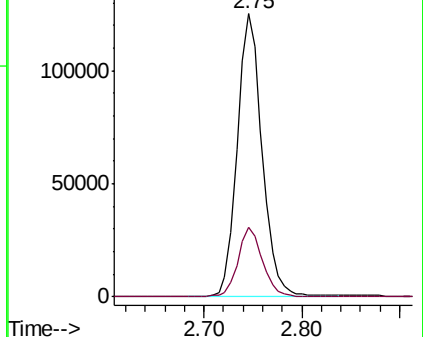
43 100

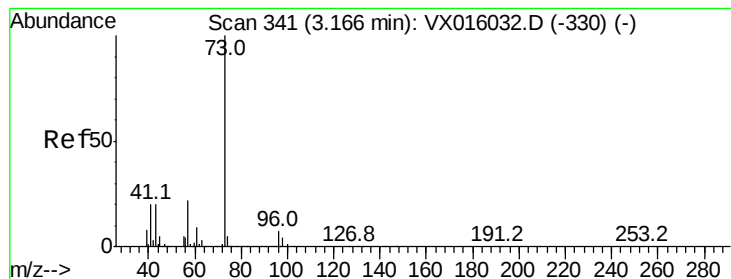
74 24.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



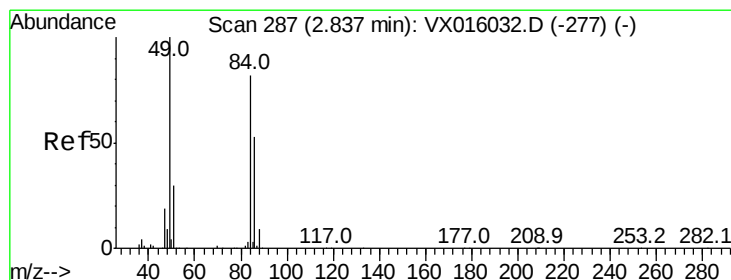
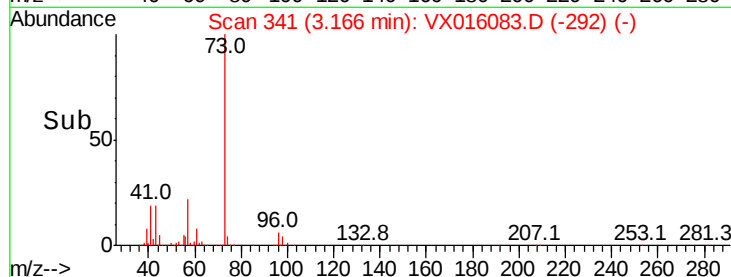
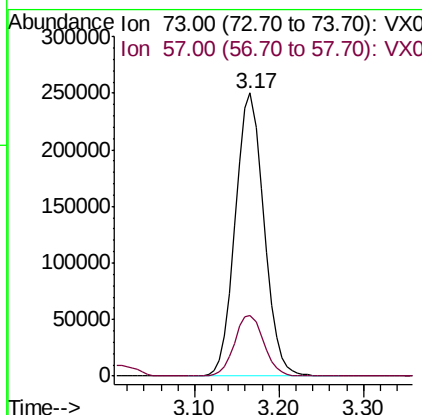
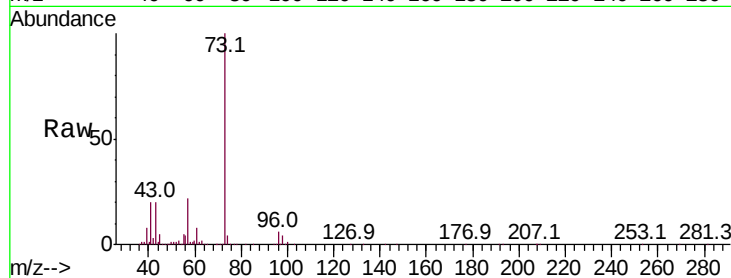


#19

Methyl tert-butyl Ether
 Concen: 46.947 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

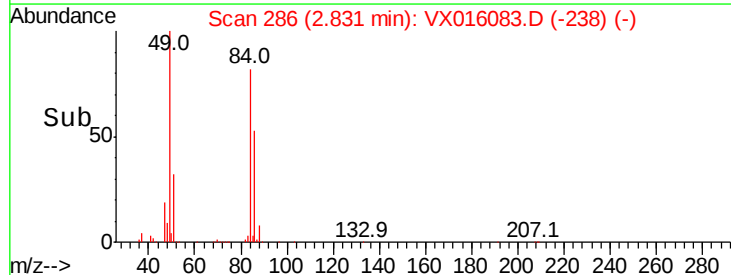
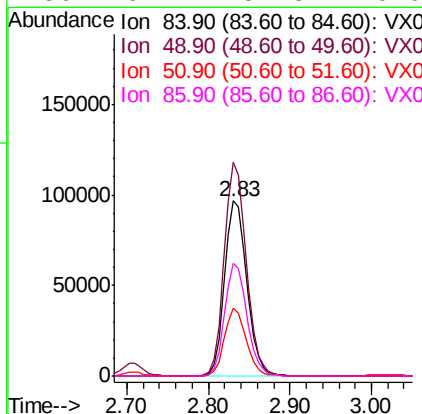
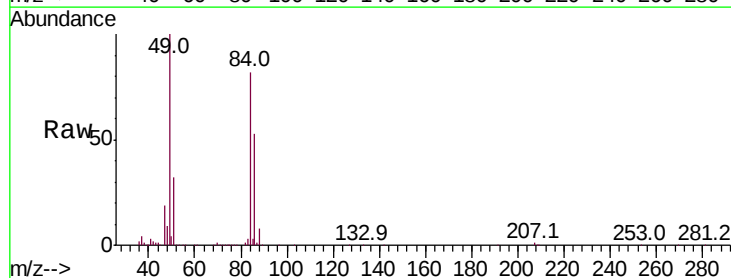
Tot Ion: 73 Resp: 571538
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.8 26.6

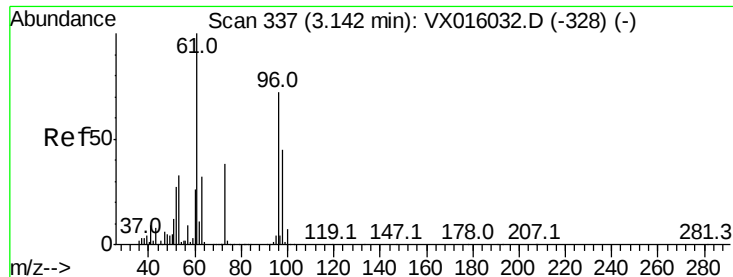


#20

Methylene Chloride
 Concen: 44.153 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Tgt Ion: 84 Resp: 181558
 Ion Ratio Lower Upper
 84 100
 49 122.0 97.3 145.9
 51 38.6 29.3 43.9
 86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.192 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

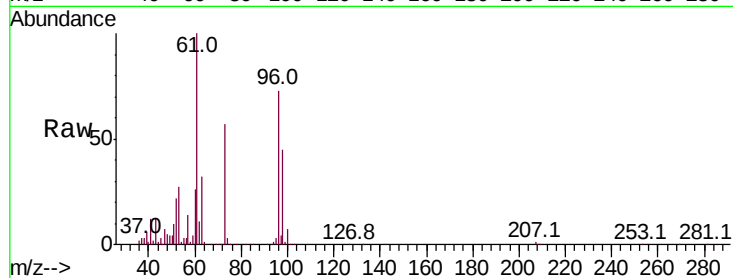
Tot Ion: 96 Resp: 177851

Ion Ratio Lower Upper

96 100

61 136.8 111.2 166.8

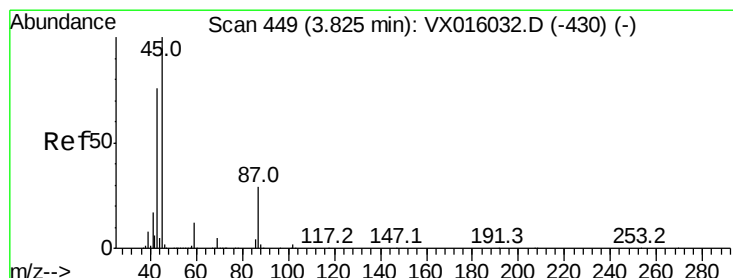
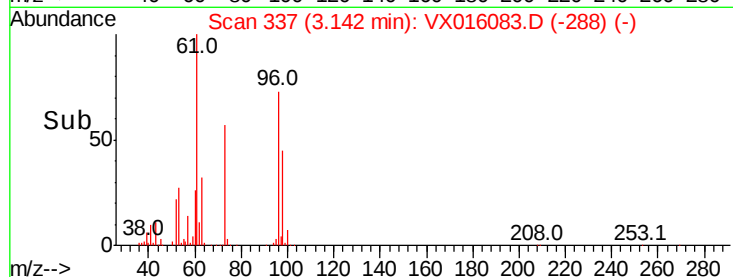
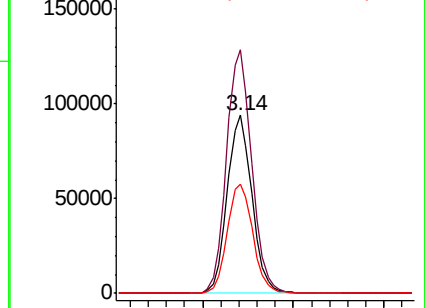
98 61.5 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.744 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion: 45 Resp: 571017

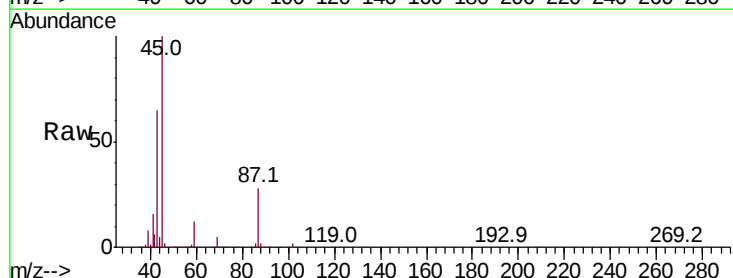
Ion Ratio Lower Upper

45 100

43 64.8 61.1 91.7

87 28.0 23.0 34.6

59 11.7 9.8 14.6

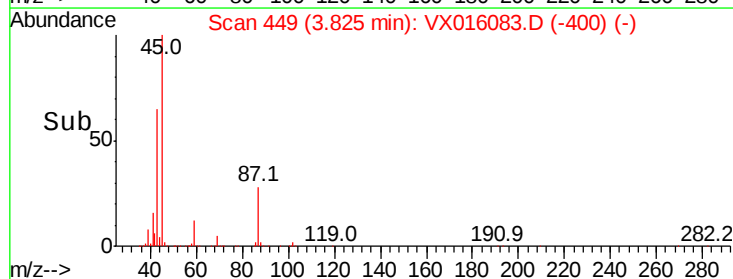
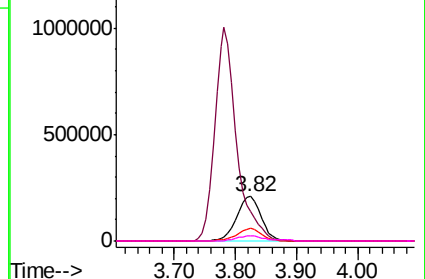


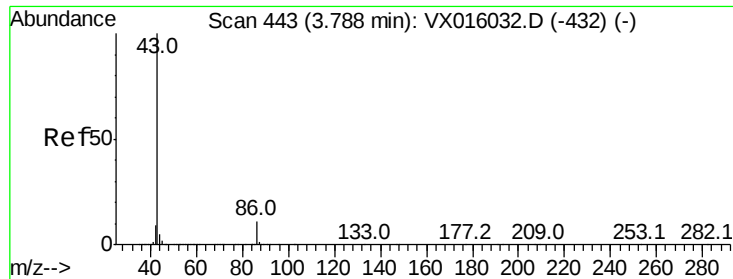
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 233.970 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

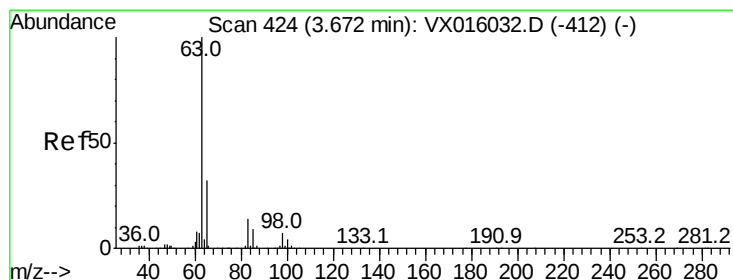
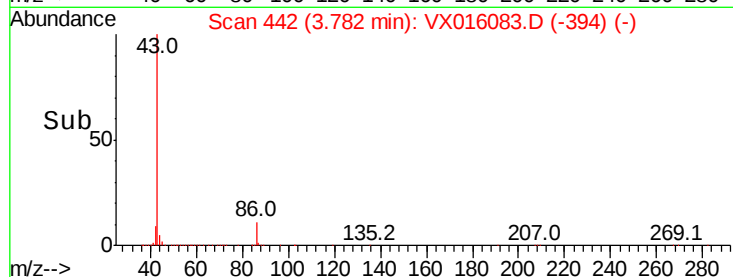
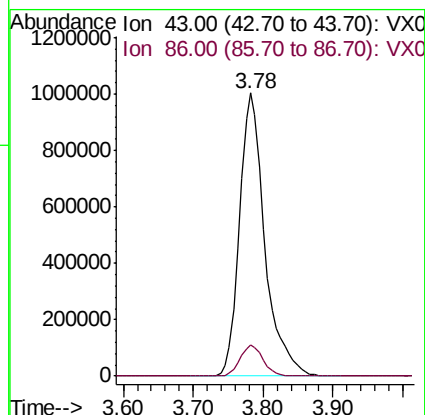
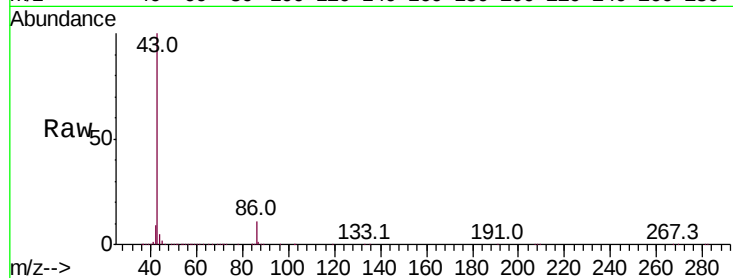
VSTDCCC050

Tot Ion: 43 Resp: 2514551

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



#24

1,1-Dichloroethane

Concen: 46.726 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

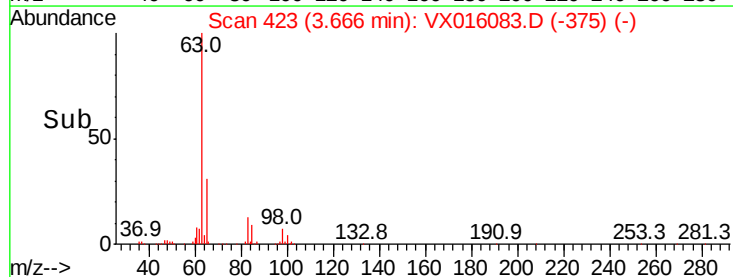
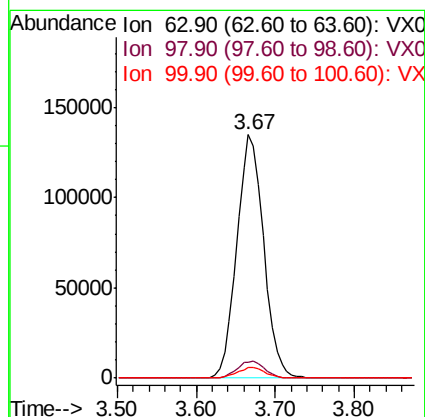
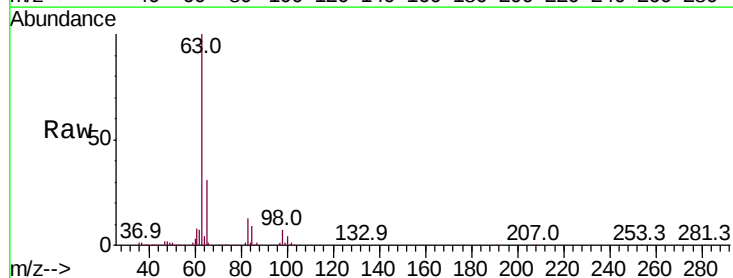
Tgt Ion: 63 Resp: 319301

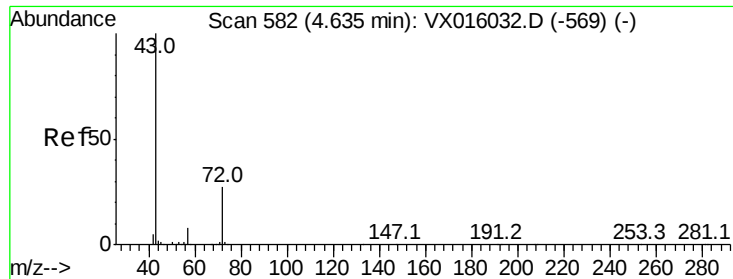
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.3 2.1 6.5

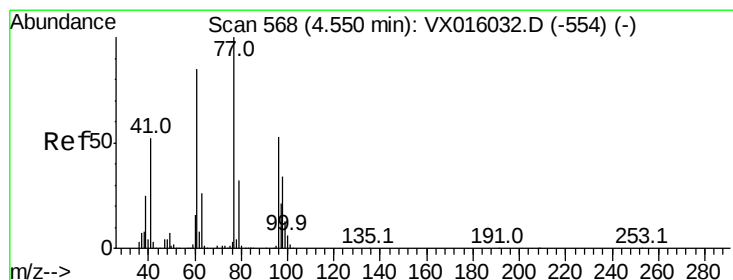
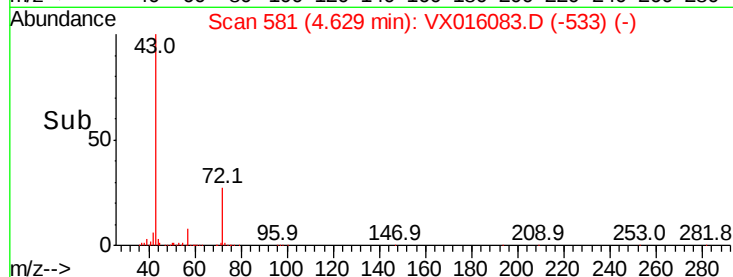
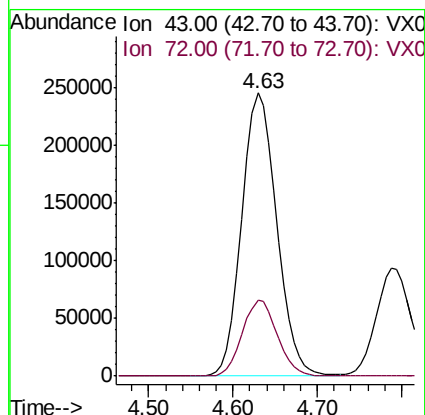
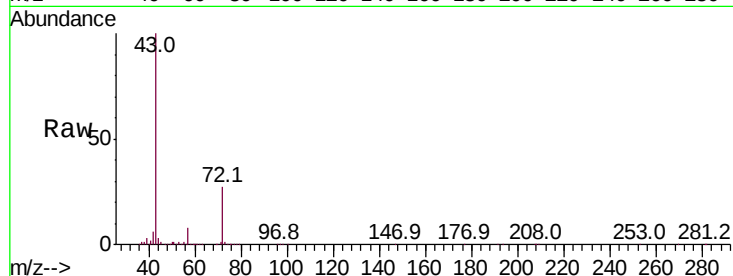




#25
2-Butanone
Concen: 213.476 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

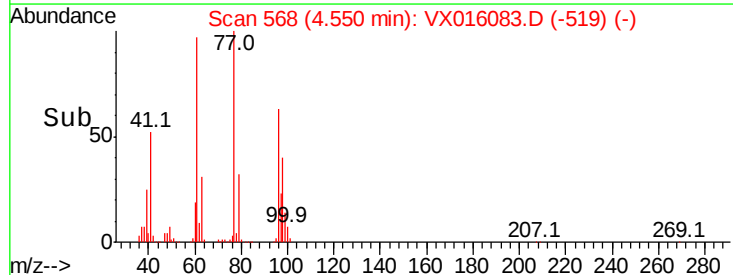
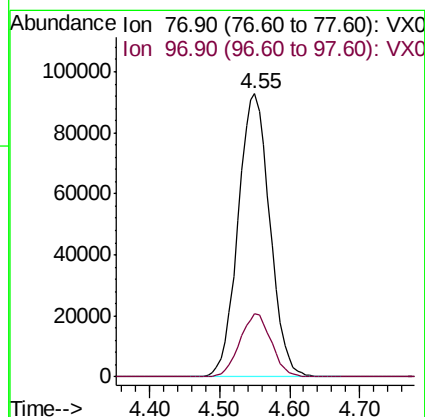
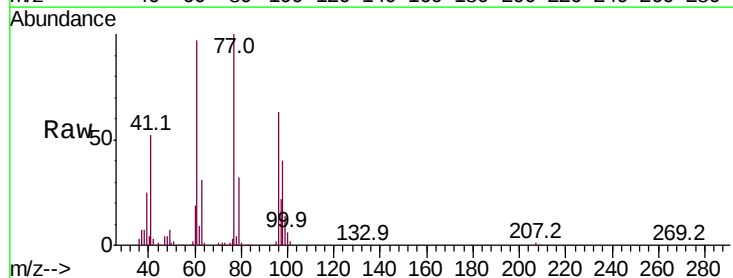
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

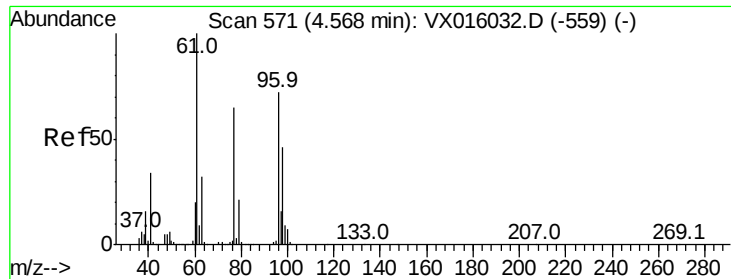
Tot Ion: 43 Resp: 686165
Ion Ratio Lower Upper
43 100
72 27.0 21.8 32.8



#26
2,2-Dichloropropane
Concen: 46.855 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 77 Resp: 292410
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6



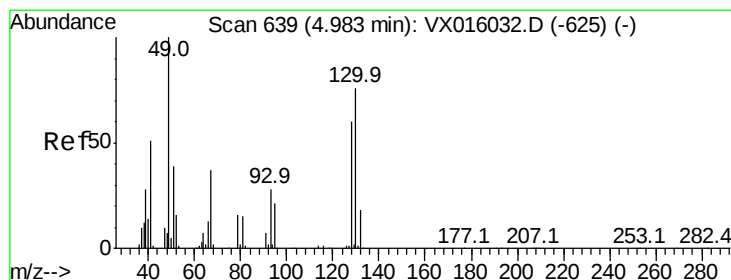
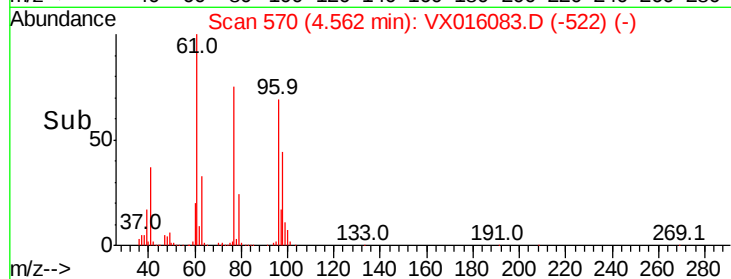
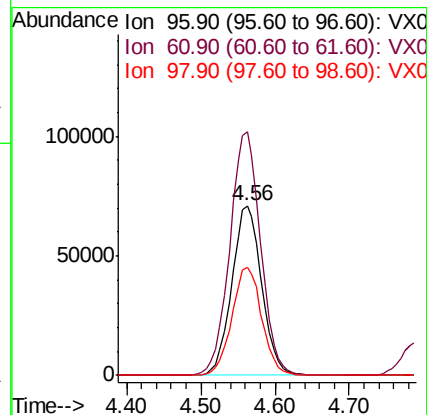
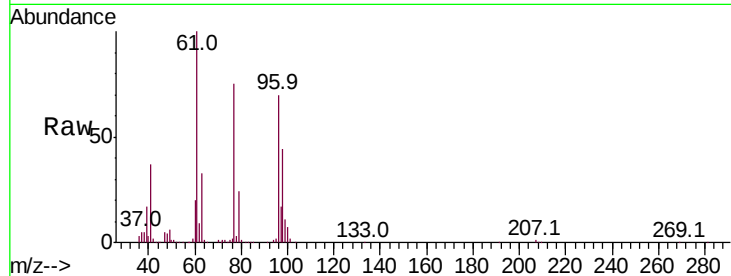


#27

cis-1,2-Dichloroethene
Concen: 45.992 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

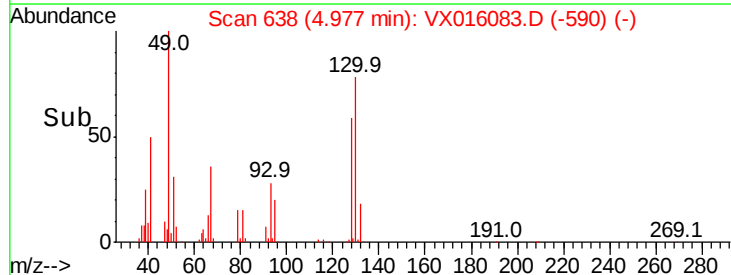
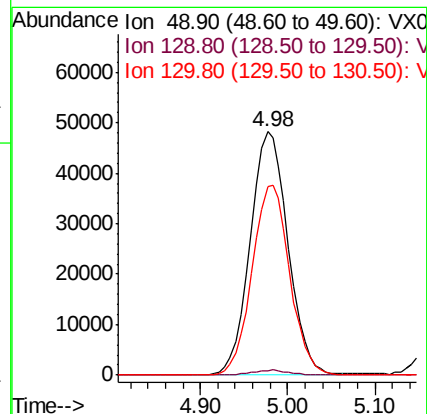
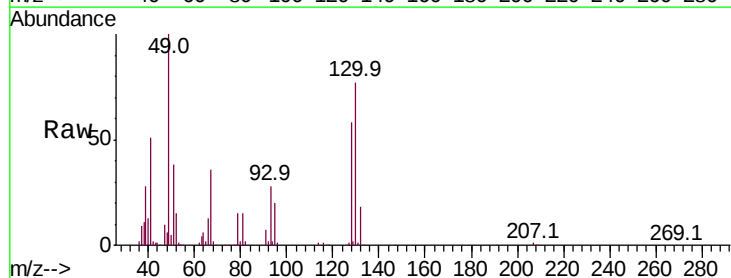
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	296.2
98	64.2	0.0	129.4

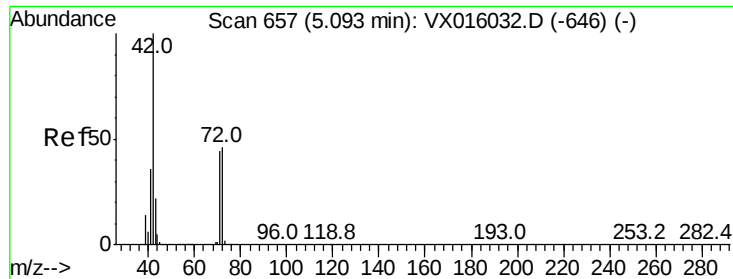


#28

Bromochloromethane
Concen: 46.477 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	77.8	62.4	93.6





#29

Tetrahydrofuran

Concen: 217.846 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

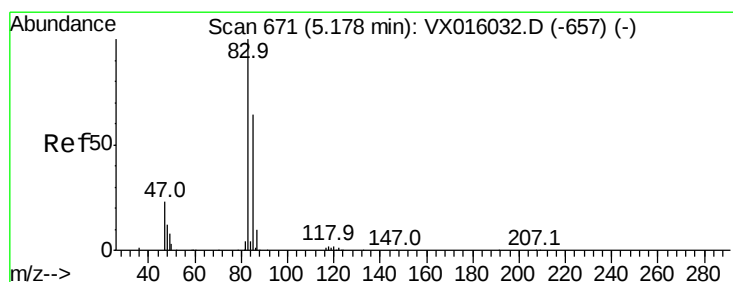
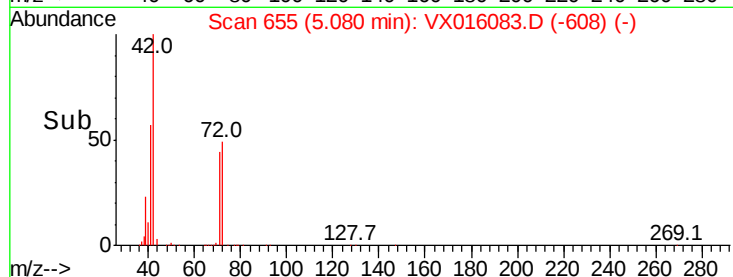
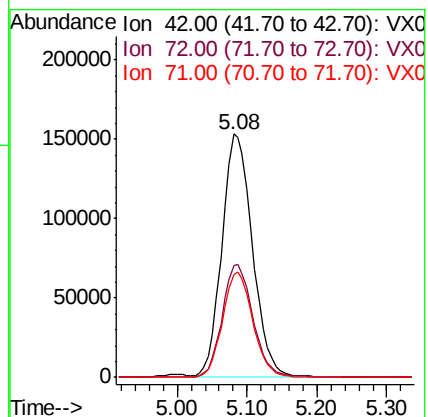
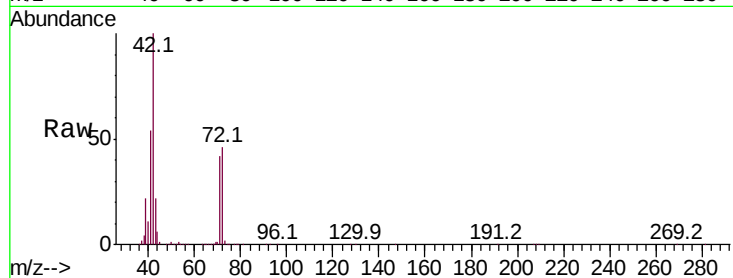
Tot Ion: 42 Resp: 463961

Ion Ratio Lower Upper

42 100

72 46.9 37.1 55.7

71 43.0 34.5 51.7



#30

Chloroform

Concen: 46.588 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016083.D

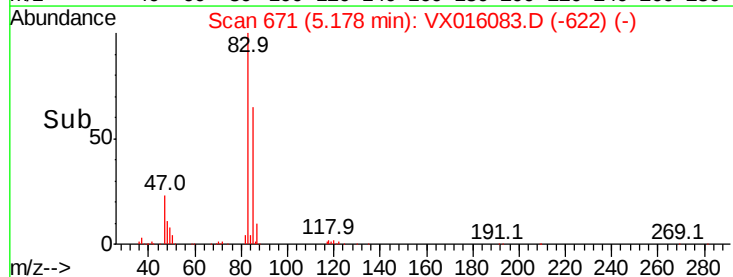
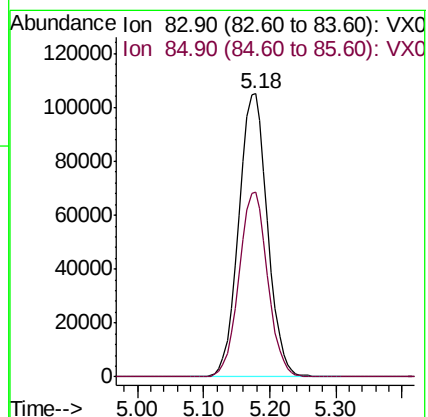
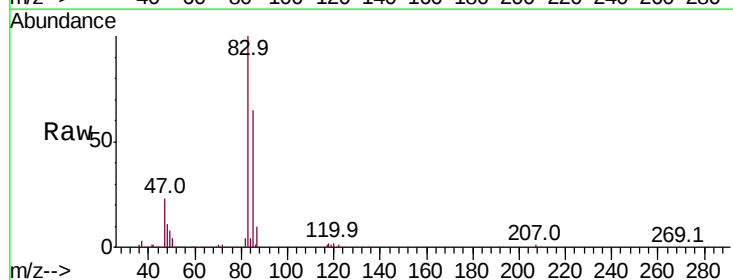
Acq: 07 May 2020 09:55

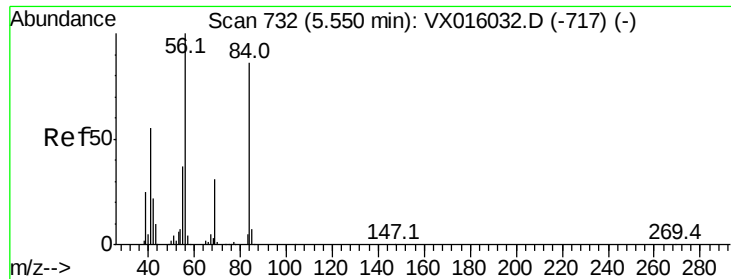
Tgt Ion: 83 Resp: 316983

Ion Ratio Lower Upper

83 100

85 65.2 51.6 77.4

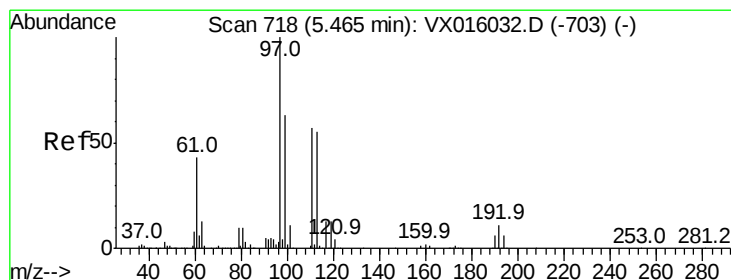
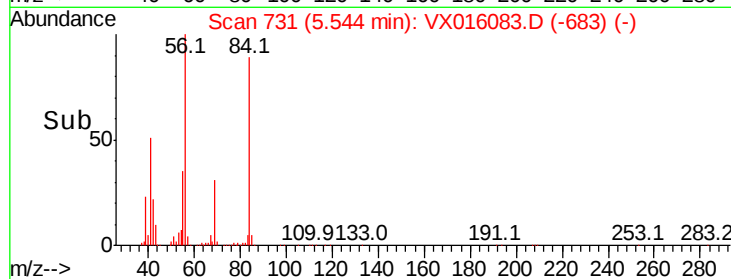
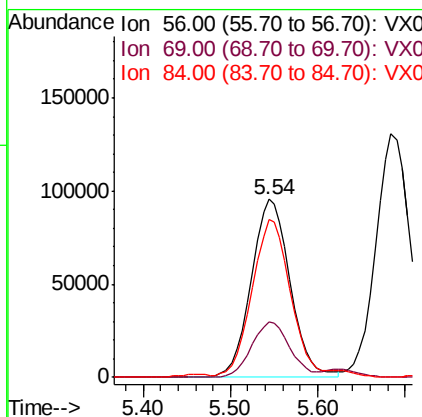
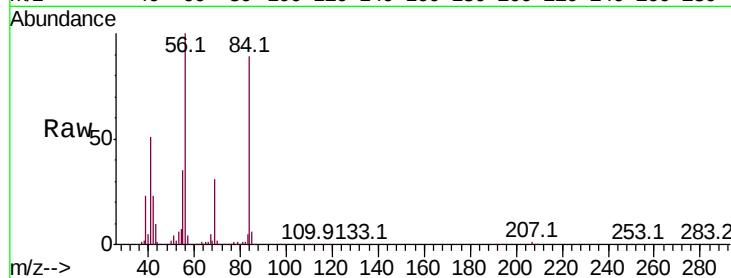




#31
Cyclohexane
Concen: 47.505 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

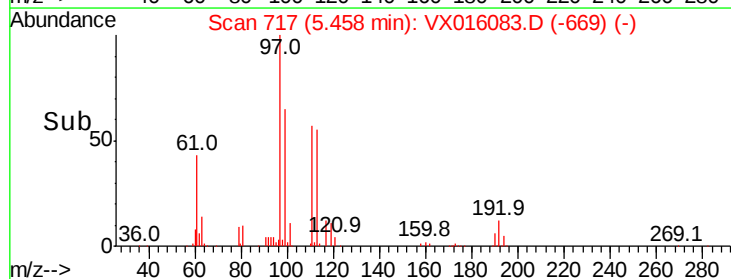
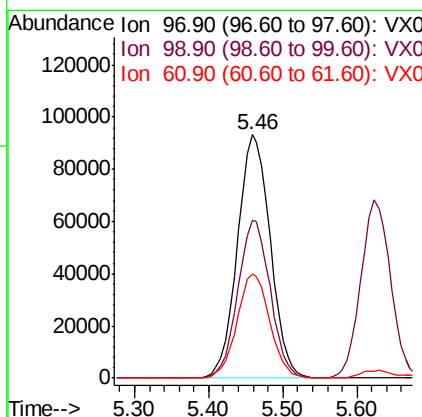
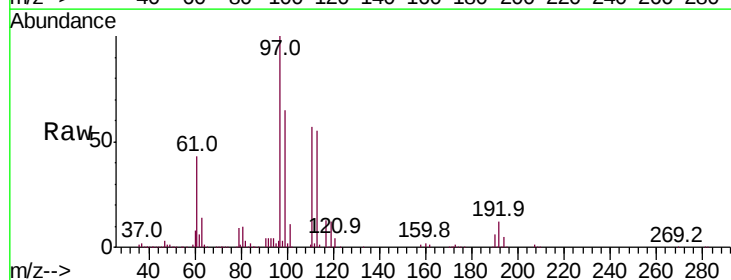
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

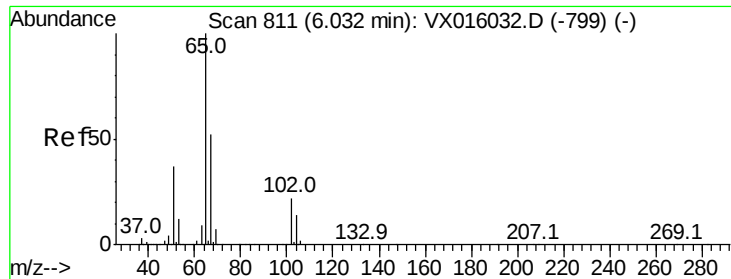
Tot Ion: 56 Resp: 295023
Ion Ratio Lower Upper
56 100
69 30.9 25.0 37.6
84 87.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 46.660 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 97 Resp: 288573
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 42.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.928 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

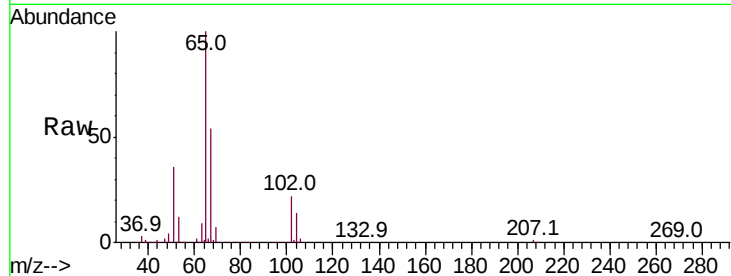
VSTDCCC050

Tot Ion: 65 Resp: 196379

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

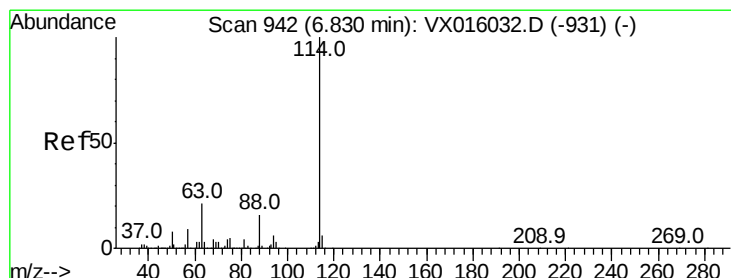
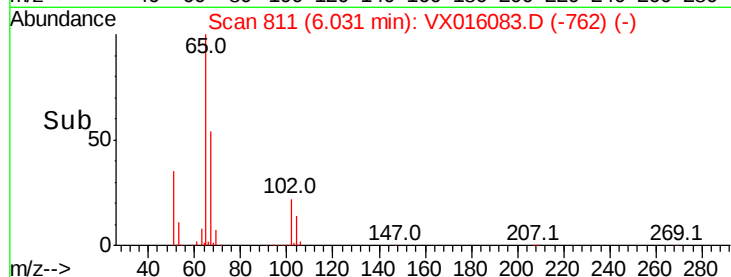
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

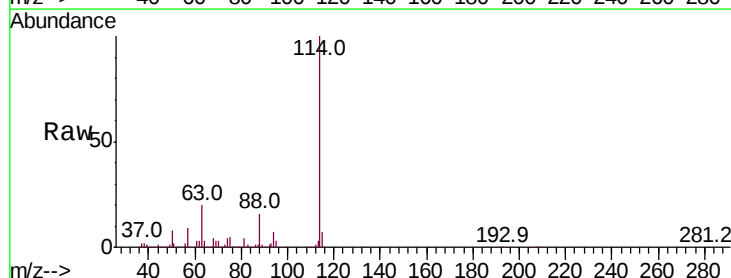
Tgt Ion:114 Resp: 524565

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

250000

200000

150000

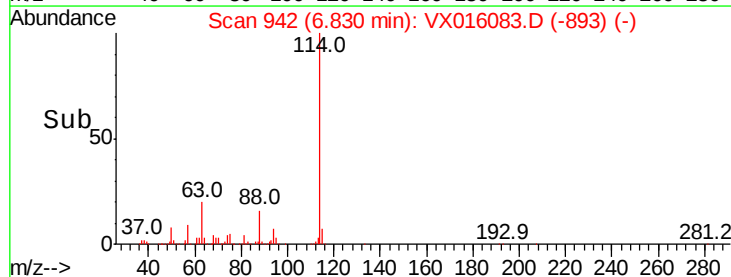
100000

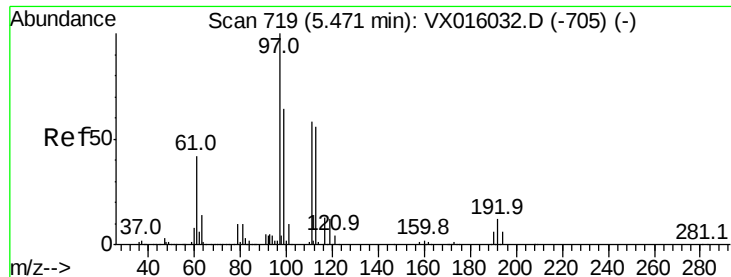
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 46.144 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

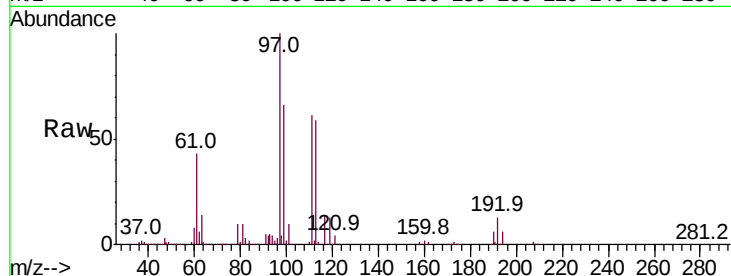
Tot Ion:113 Resp: 153354

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

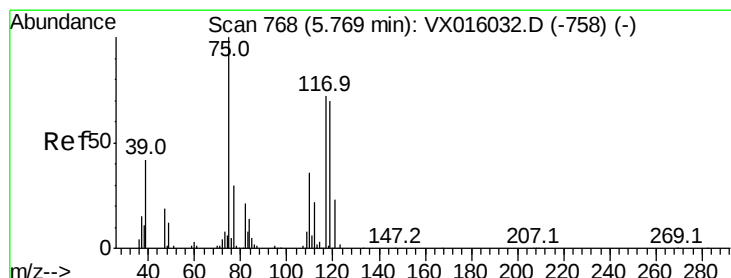
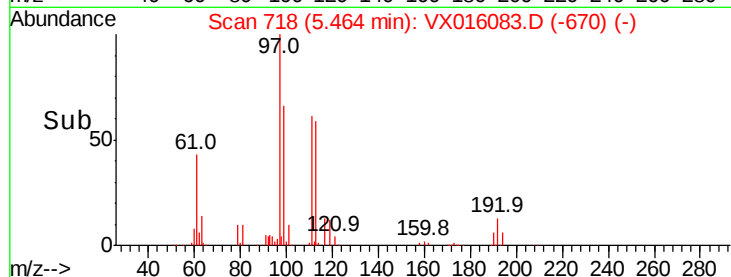
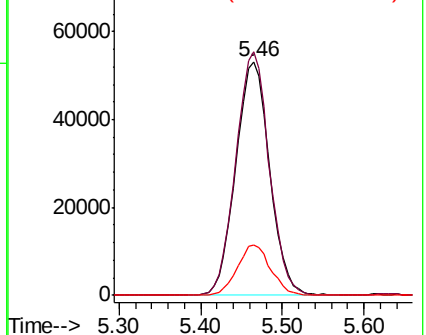
192 21.3 17.0 25.4



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: 47.583 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

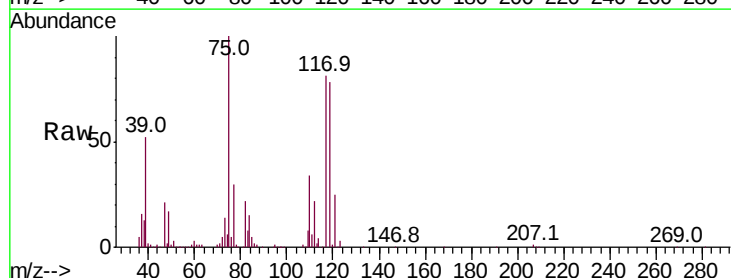
Tgt Ion: 75 Resp: 245700

Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.1

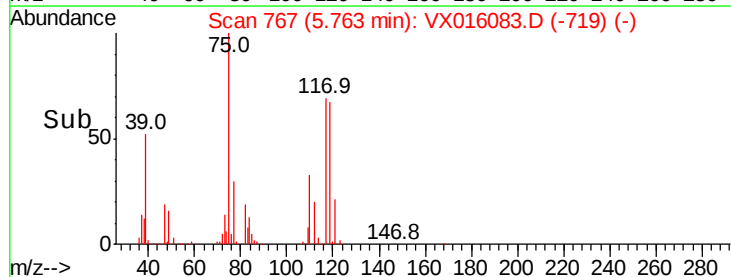
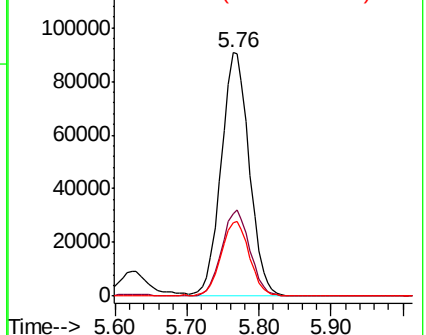
77 30.8 25.0 37.6

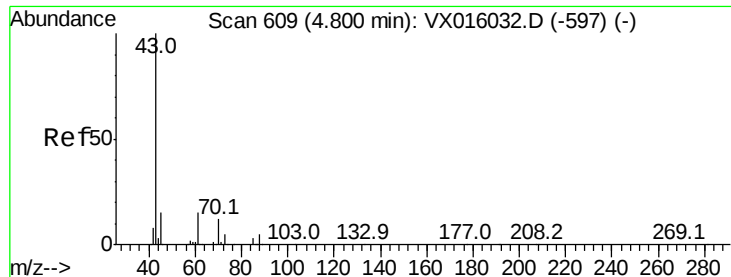


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

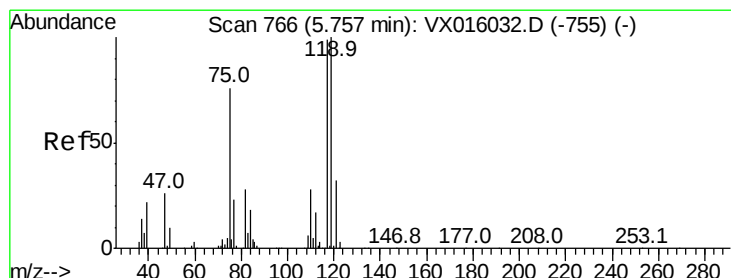
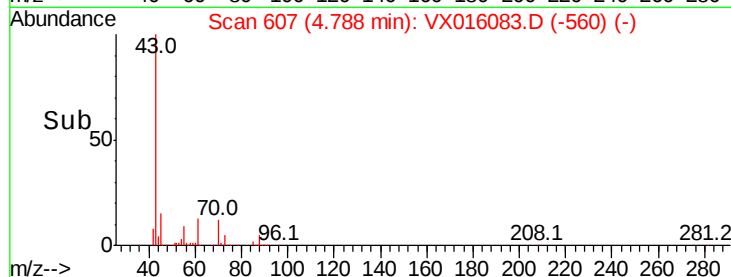
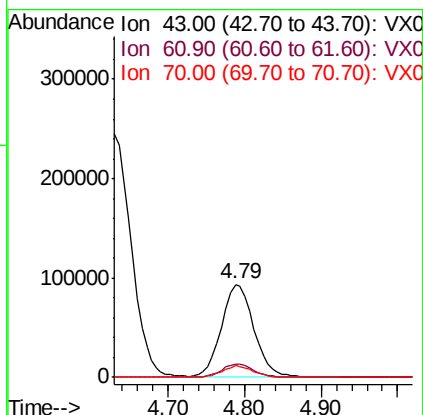
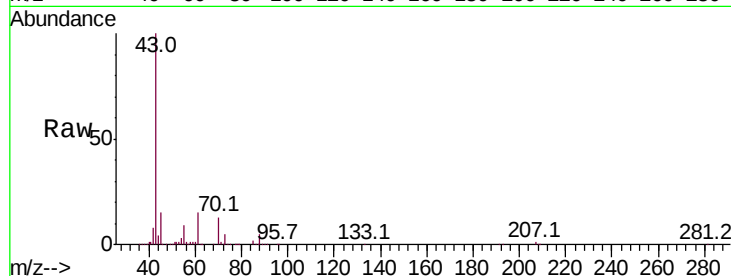




#37
Ethyl Acetate
Concen: 45.559 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

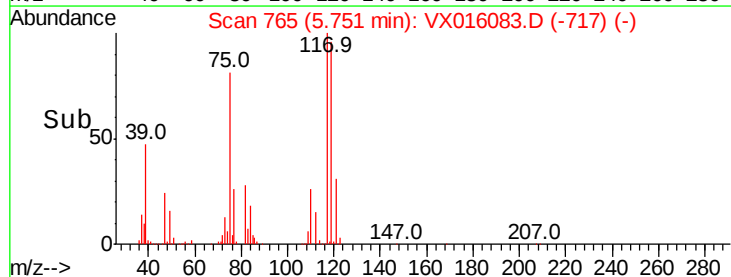
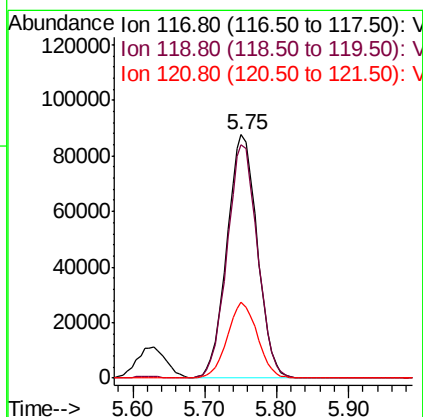
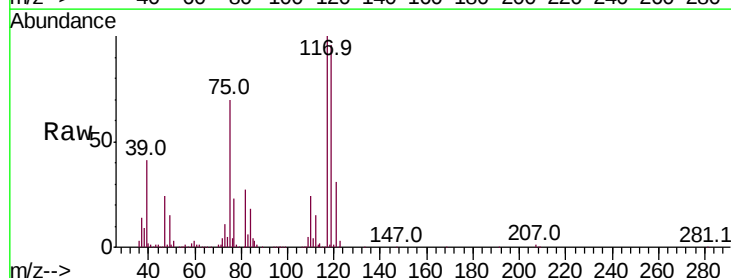
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

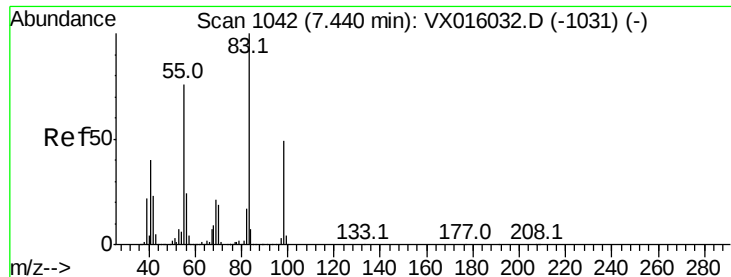
Tot Ion: 43 Resp: 272662
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.899 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 117 Resp: 256641
Ion Ratio Lower Upper
117 100
119 95.7 80.3 120.5
121 31.1 25.7 38.5

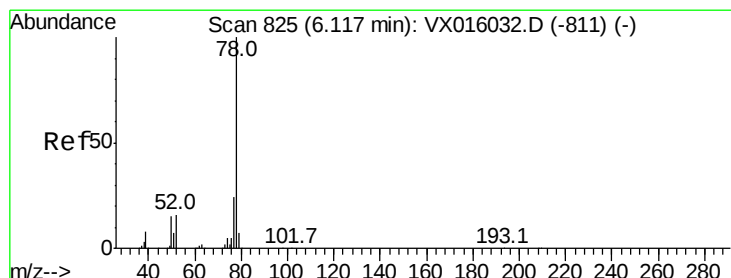
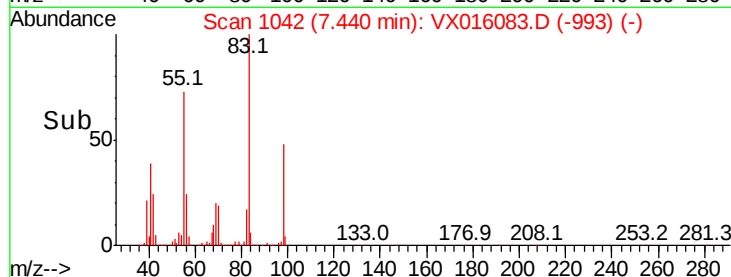
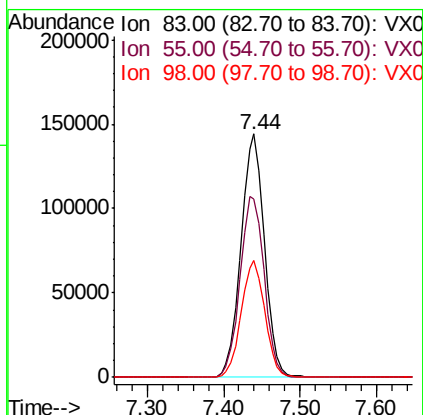
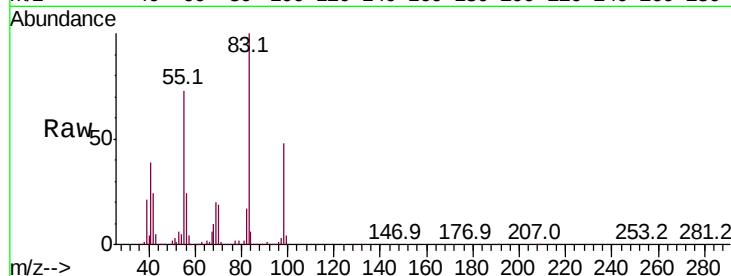




#39
Methvlcvclohexane
Concen: 49.191 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

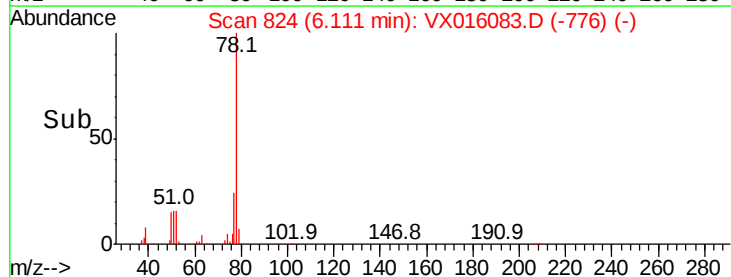
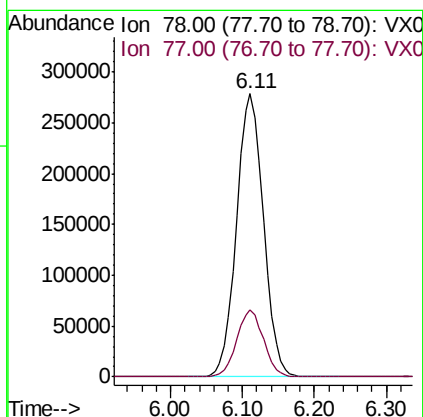
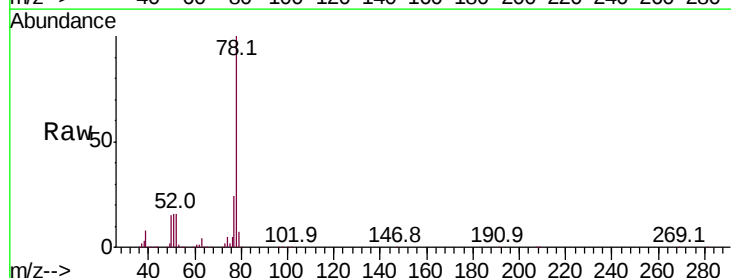
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

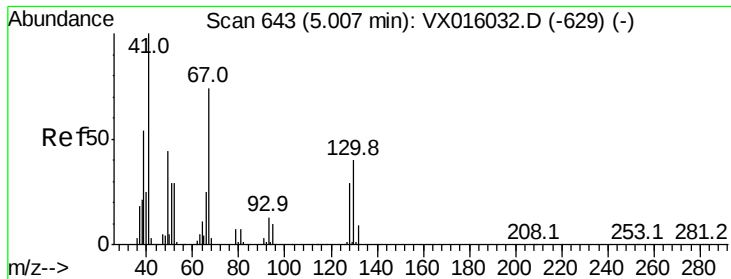
Tot Ion: 83 Resp: 305887
Ion Ratio Lower Upper
83 100
55 73.2 61.1 91.7
98 48.2 39.0 58.4



#40
Benzene
Concen: 47.771 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 78 Resp: 721747
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

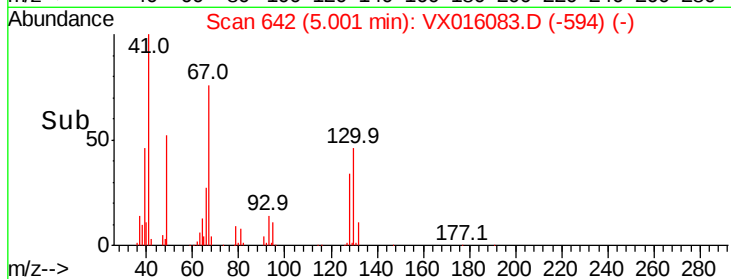
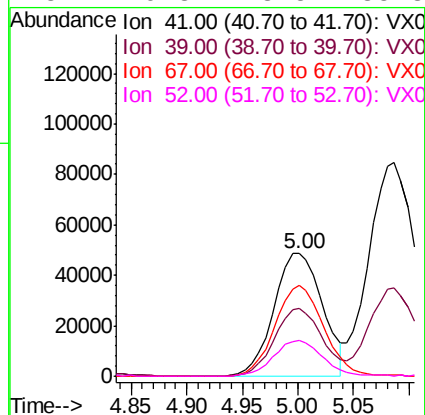
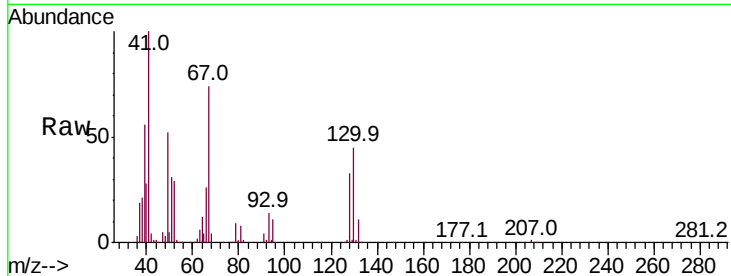




#41
Methacrylonitrile
Concen: 45.691 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

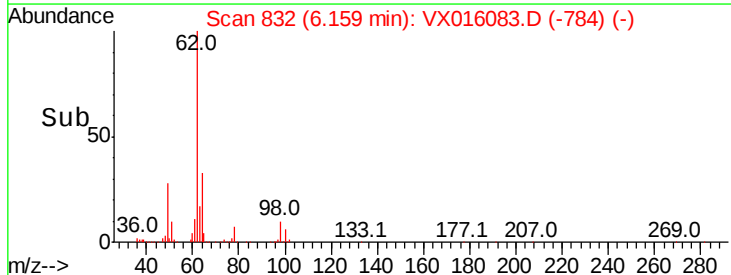
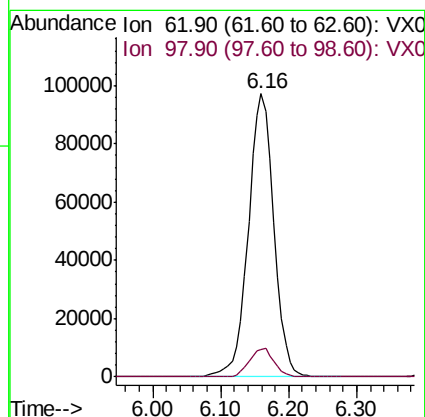
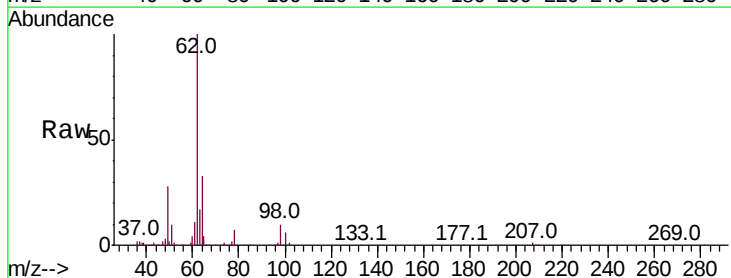
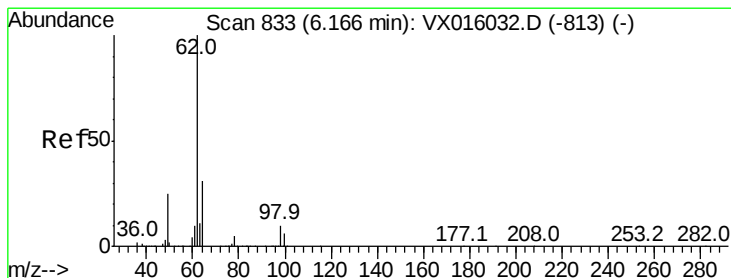
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

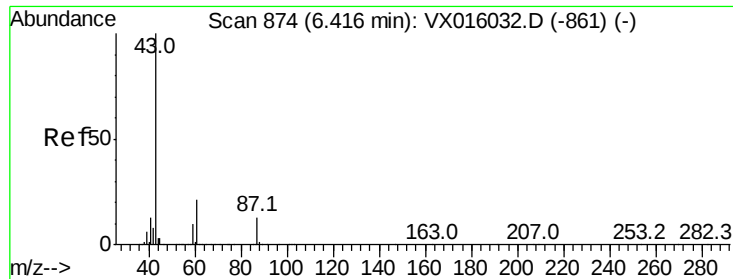
Tot Ion:	41	Resp:	147675
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.2	64.8
67	75.0	59.3	88.9
52	29.3	23.5	35.3



#42
1,2-Dichloroethane
Concen: 46.603 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion:	62	Resp:	253637
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



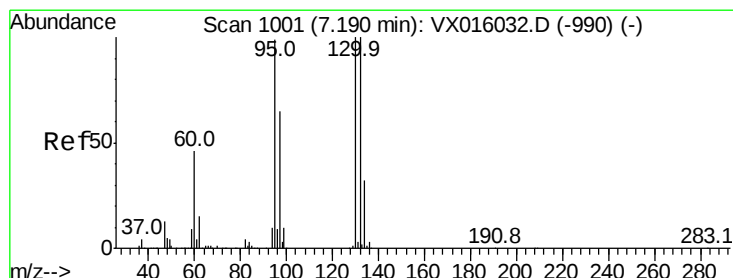
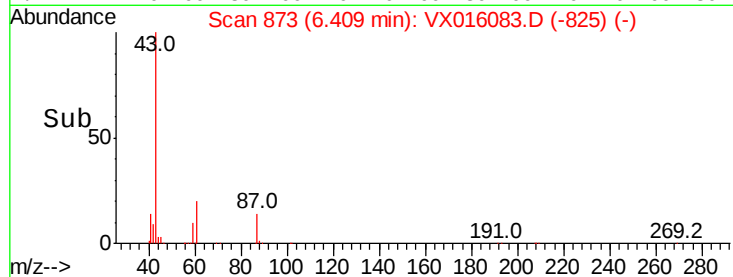
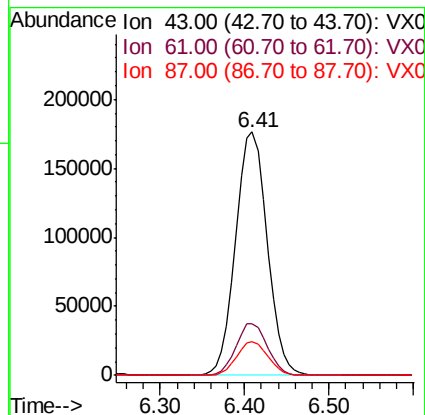
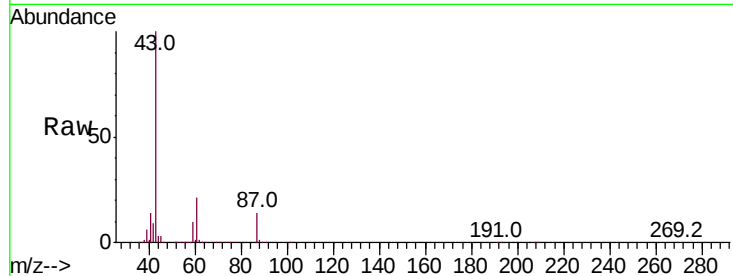


#43

Isopropyl Acetate
 Concen: 46.671 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

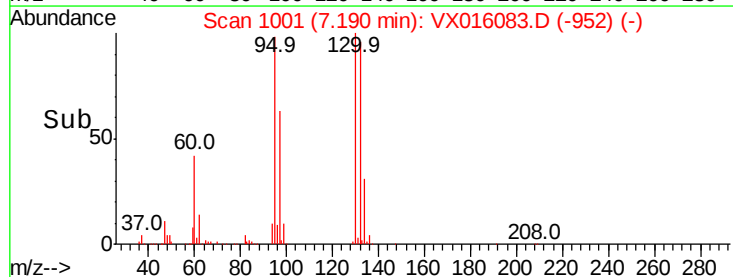
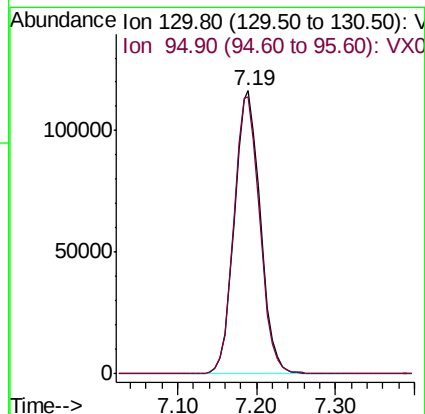
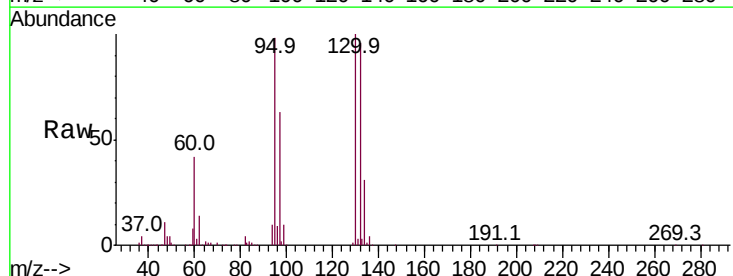
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	13.9	11.0	16.6

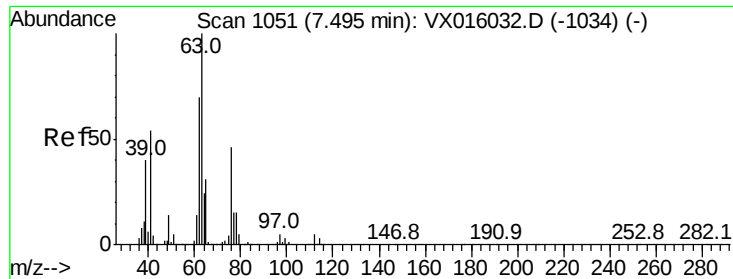


#44

Trichloroethene
 Concen: 49.408 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.706 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

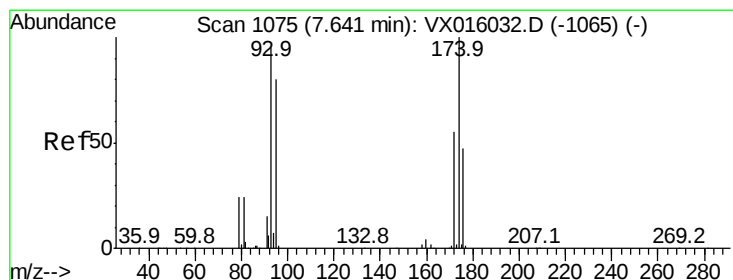
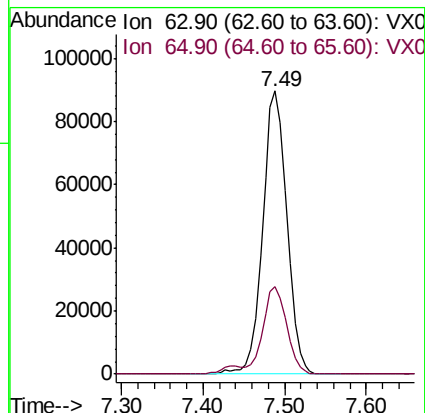
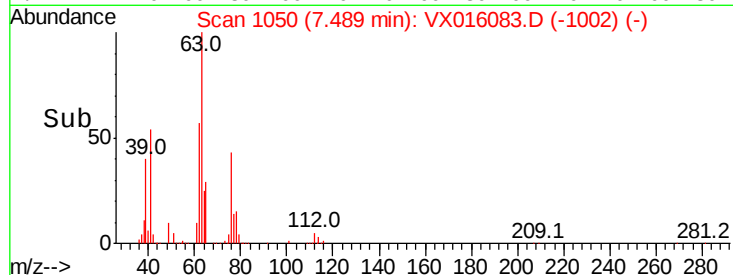
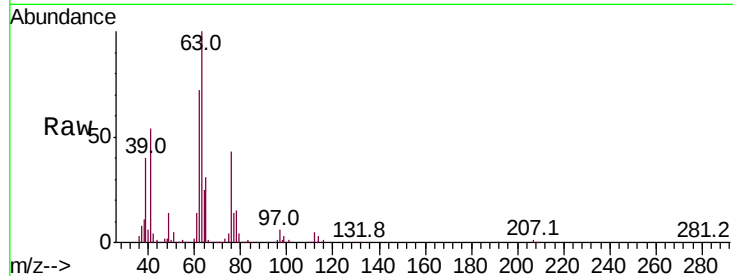
VSTDCCC050

Tot Ion: 63 Resp: 186199

Ion Ratio Lower Upper

63 100

65 30.9 24.4 36.6



#46

Dibromomethane

Concen: 47.203 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

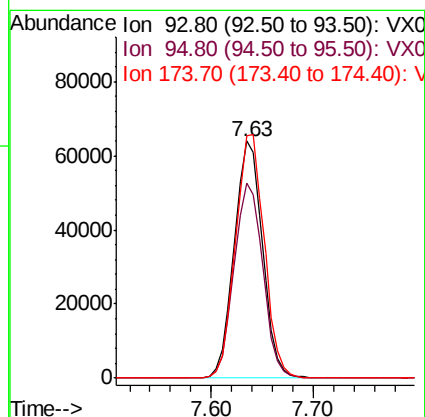
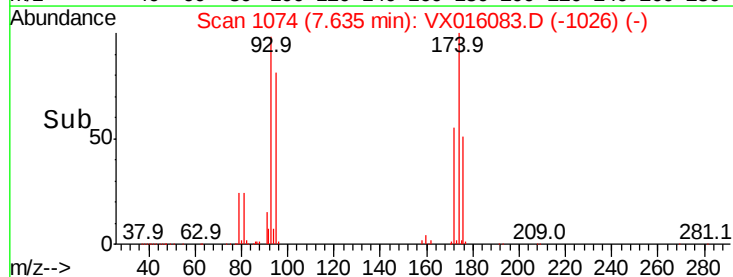
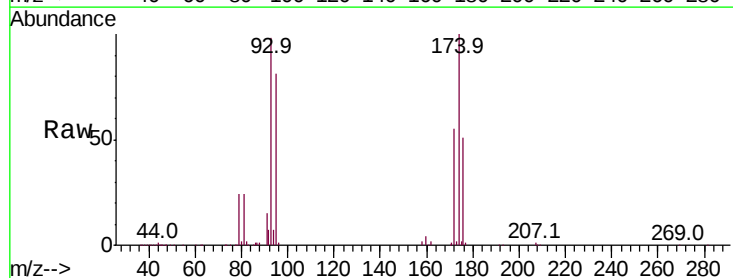
Tgt Ion: 93 Resp: 122631

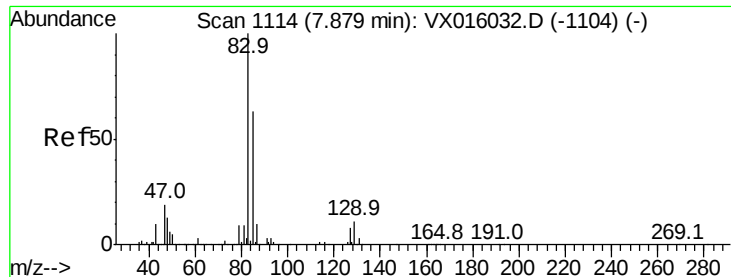
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 104.7 84.2 126.4





#47

Bromodichloromethane

Concen: 48.814 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

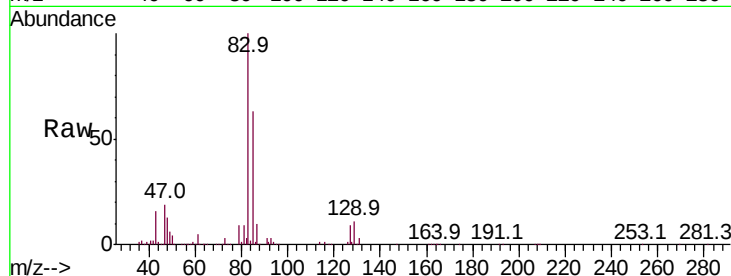
Tot Ion: 83 Resp: 258282

Ion Ratio Lower Upper

83 100

85 62.9 50.5 75.7

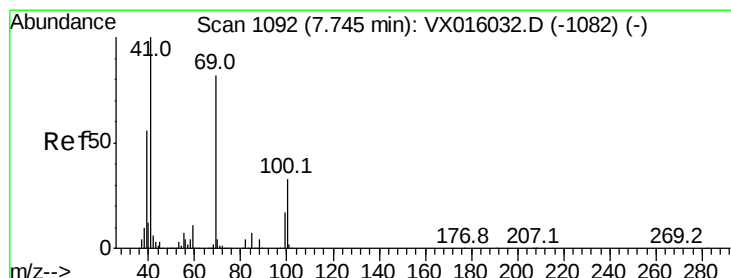
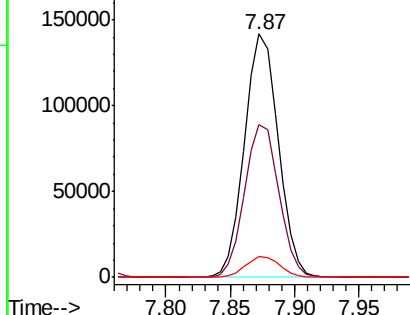
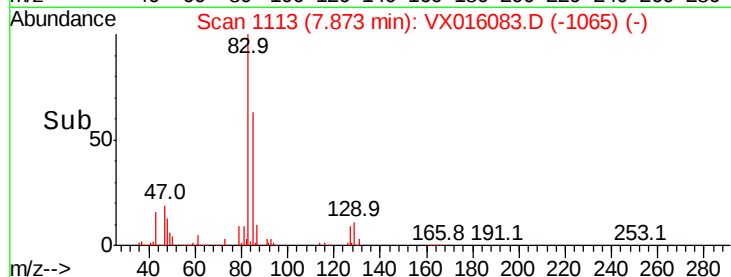
127 8.7 6.7 10.1



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: 46.498 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

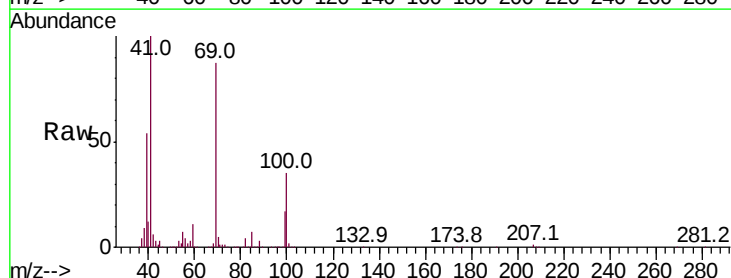
Tgt Ion: 41 Resp: 210389

Ion Ratio Lower Upper

41 100

69 86.6 67.8 101.6

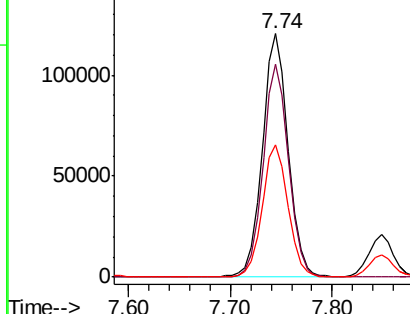
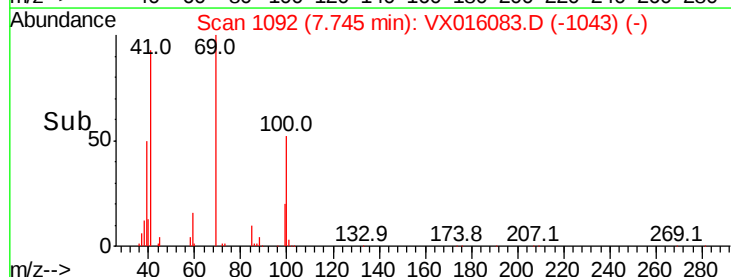
39 54.4 44.6 67.0

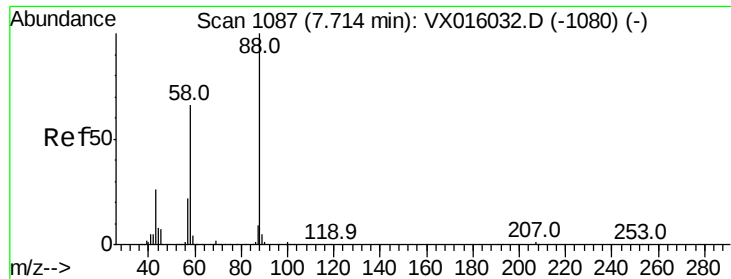


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 888.176 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

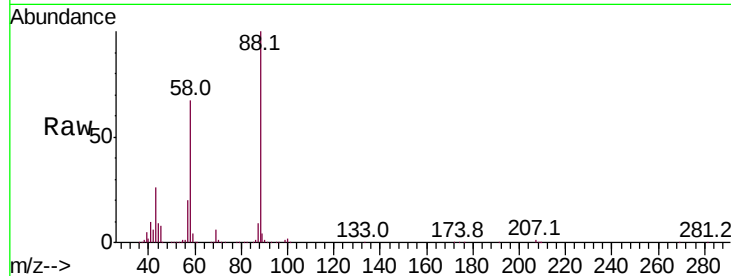
Tot Ion: 88 Resp: 96383

Ion Ratio Lower Upper

88 100

43 31.8 25.3 37.9

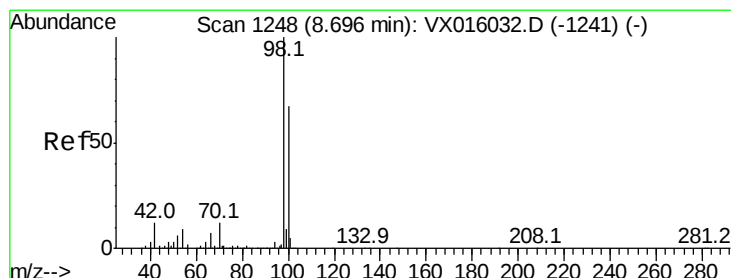
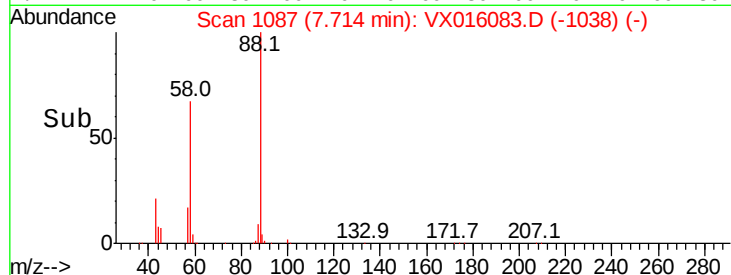
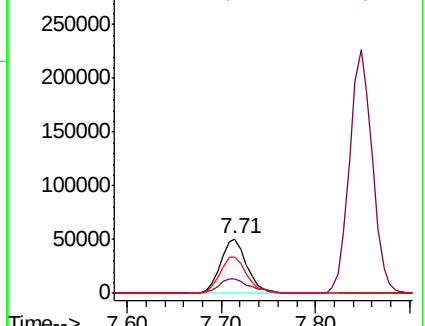
58 70.3 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.360 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016083.D

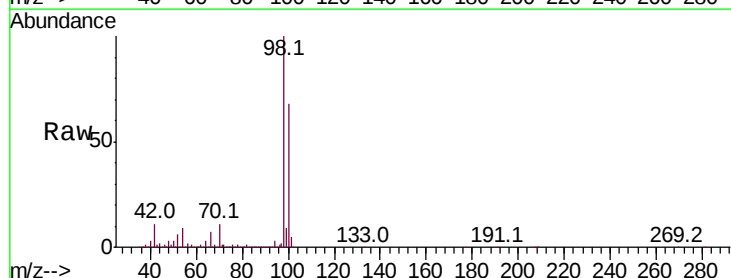
Acq: 07 May 2020 09:55

Tgt Ion: 98 Resp: 593643

Ion Ratio Lower Upper

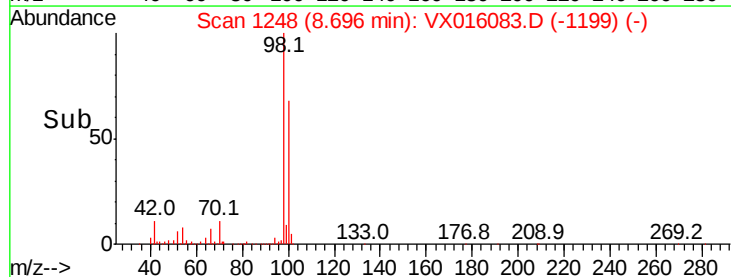
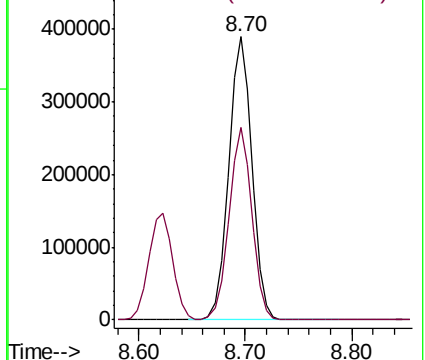
98 100

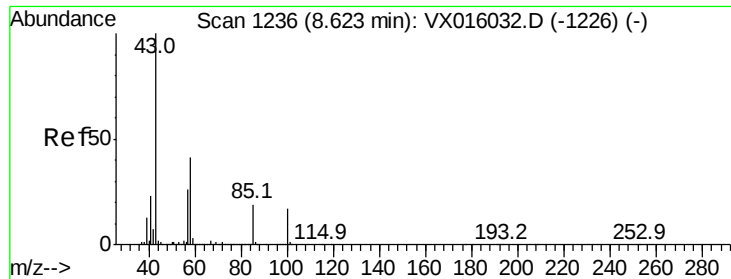
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 233.327 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

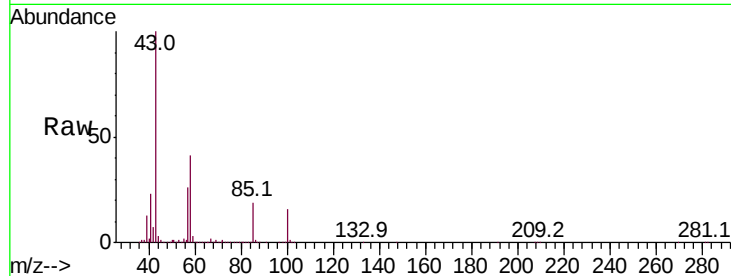
VSTDCCC050

Tot Ion: 43 Resp: 1363414

Ion Ratio Lower Upper

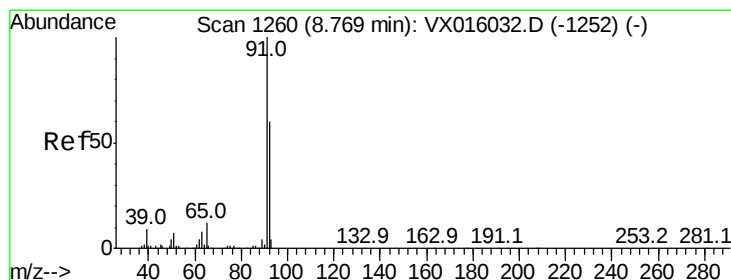
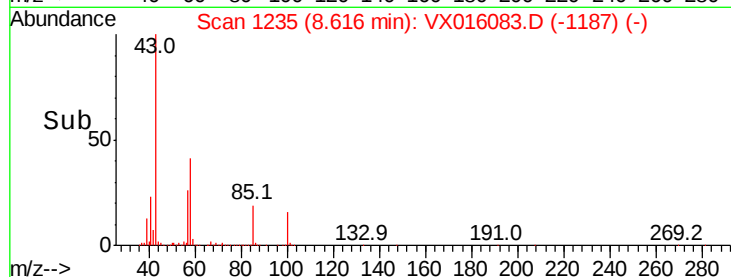
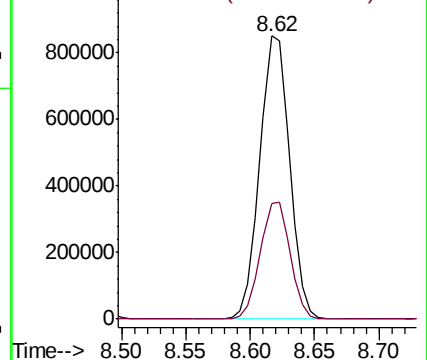
43 100

58 41.3 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: 48.435 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016083.D

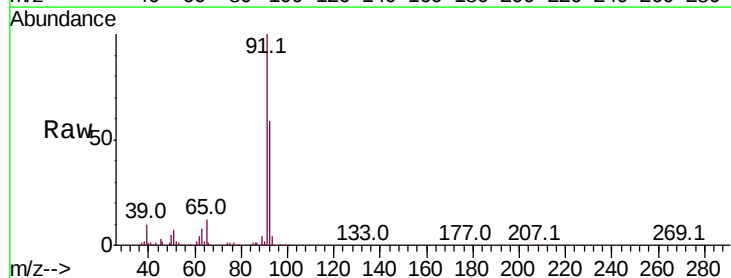
Acq: 07 May 2020 09:55

Tgt Ion: 92 Resp: 456130

Ion Ratio Lower Upper

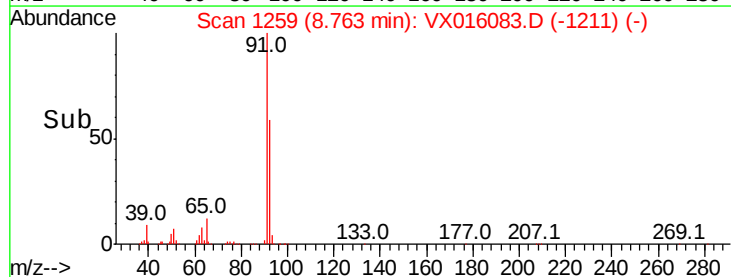
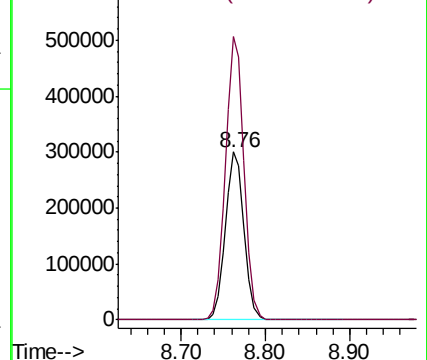
92 100

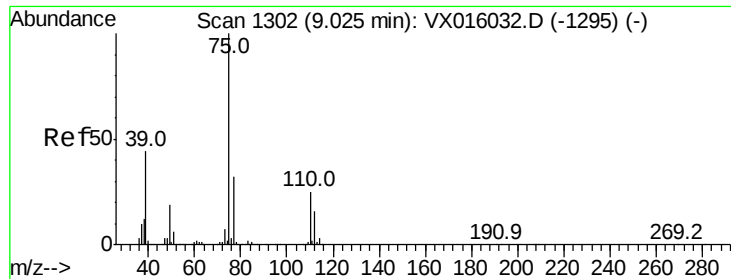
91 168.3 134.5 201.7



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: 48.153 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

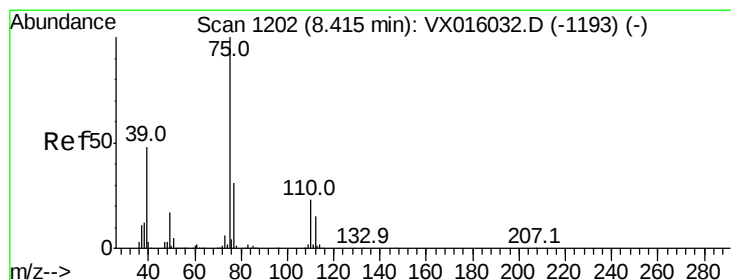
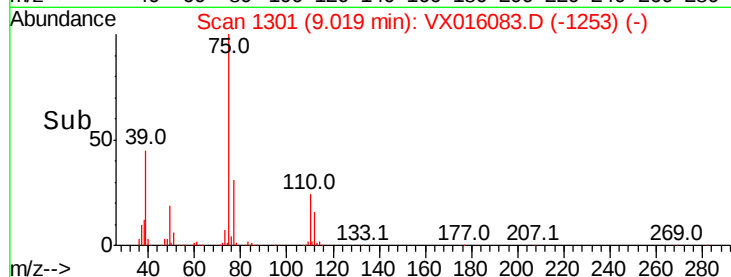
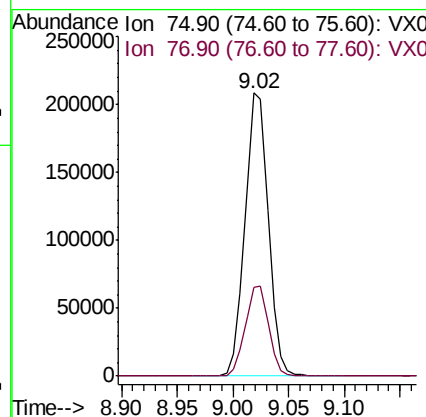
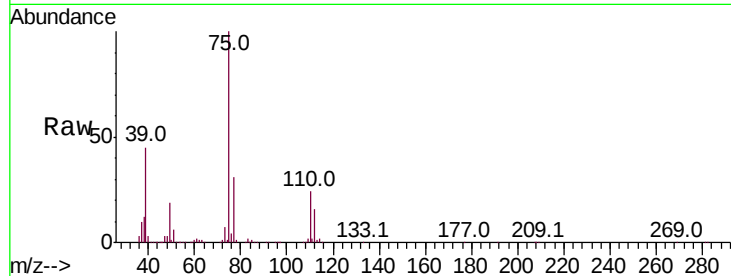
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 303783

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5



#54

cis-1,3-Dichloropropene

Concen: 48.610 ug/l

RT: 8.42 min Scan# 1202

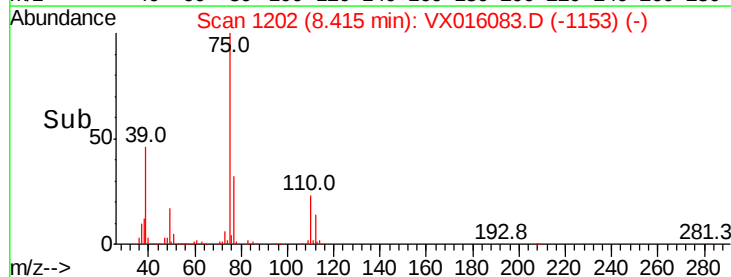
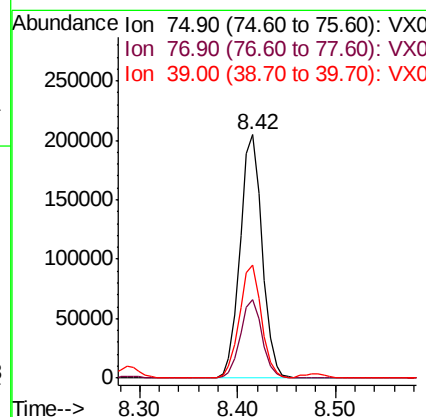
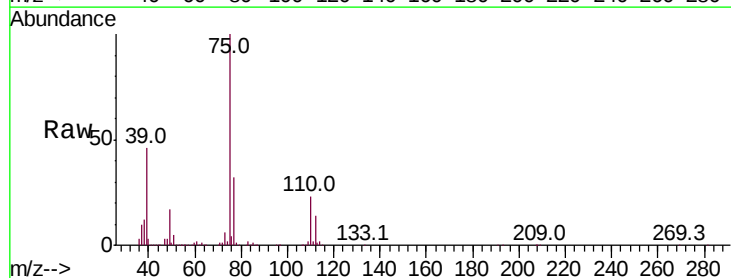
Delta R.T. -0.00 min

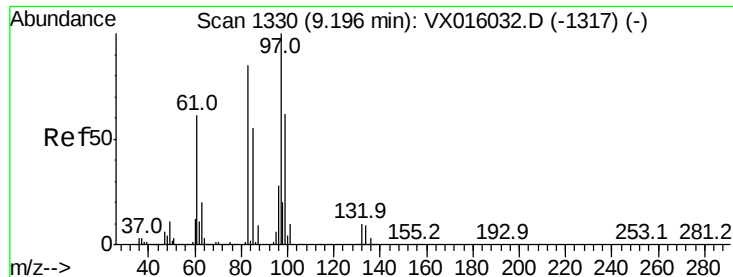
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion: 75 Resp: 320316

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	46.3	38.7	58.1

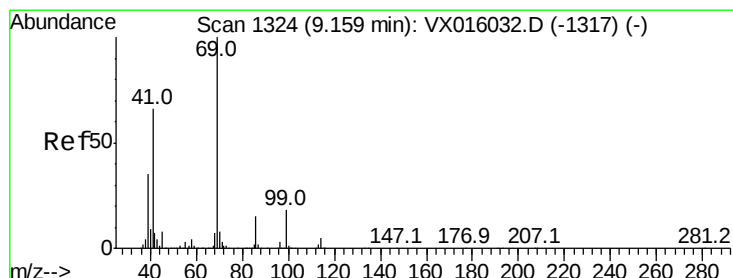
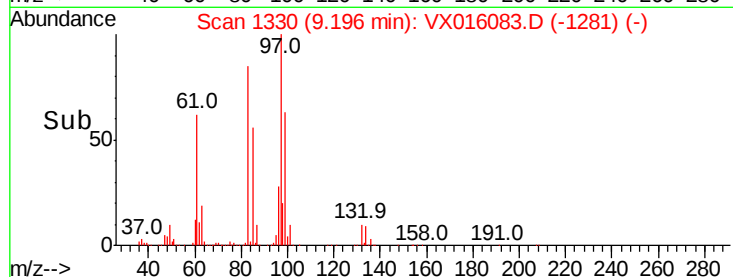
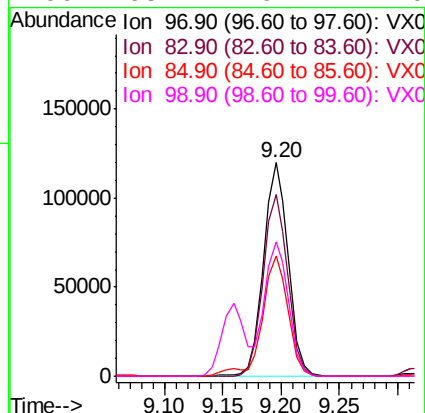
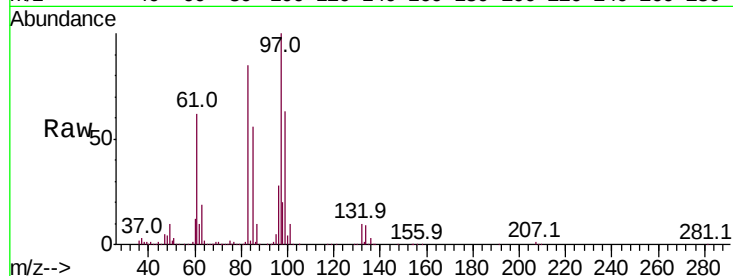




#55
1,1,2-Trichloroethane
Concen: 47.837 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

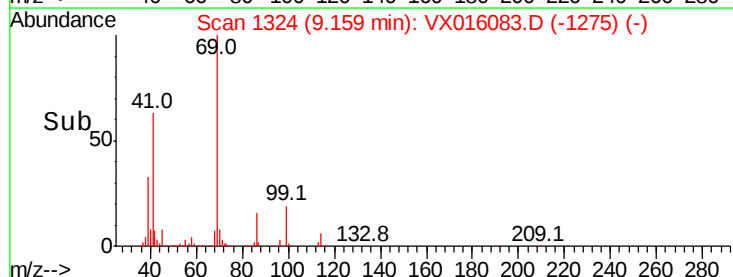
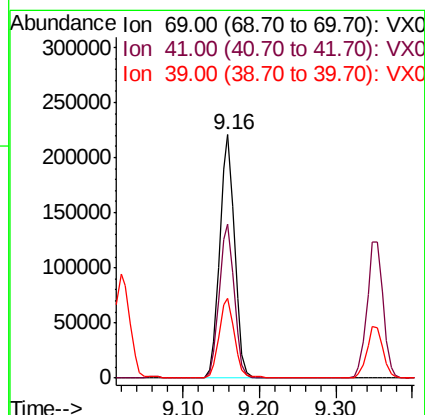
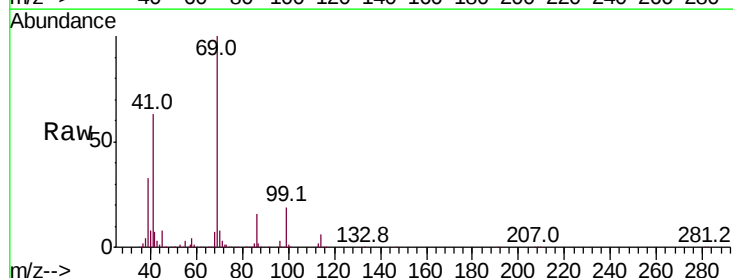
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

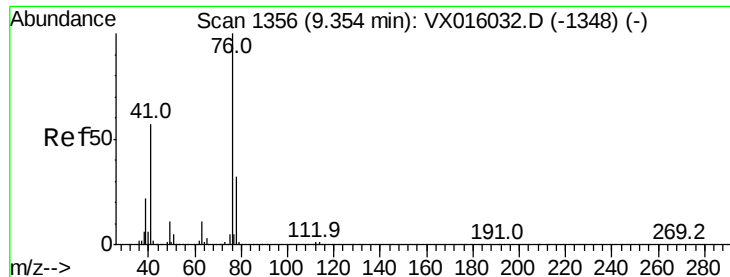
Tot Ion:	97	Resp:	177243
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.8	101.8
85	56.2	43.8	65.8
99	63.2	49.4	74.0



#56
Ethyl methacrylate
Concen: 49.027 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion:	69	Resp:	296512
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.2	78.4
39	34.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.378 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

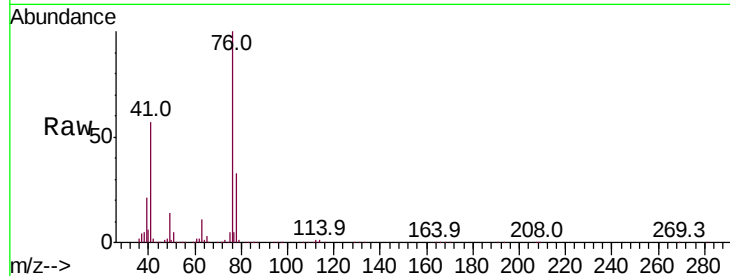
VSTDCCC050

Tot Ion: 76 Resp: 312766

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

9.35

200000

150000

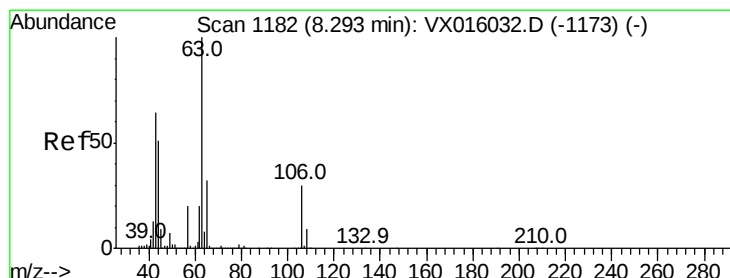
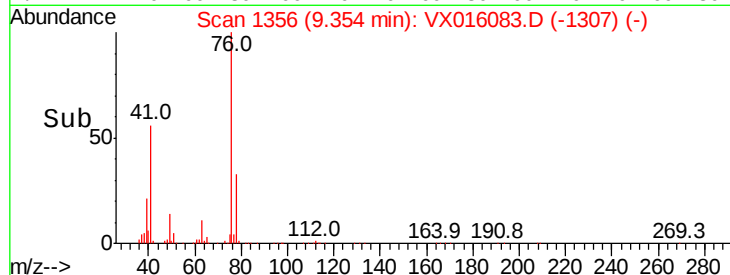
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.989 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016083.D

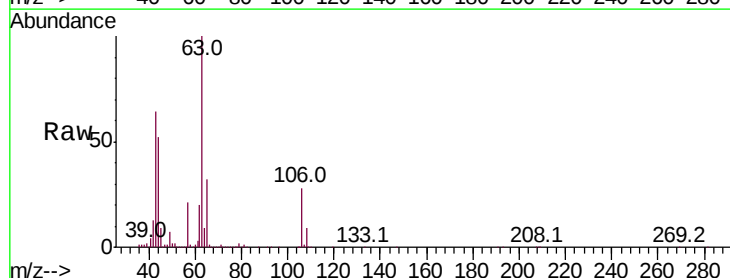
Acq: 07 May 2020 09:55

Tgt Ion: 63 Resp: 775930

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

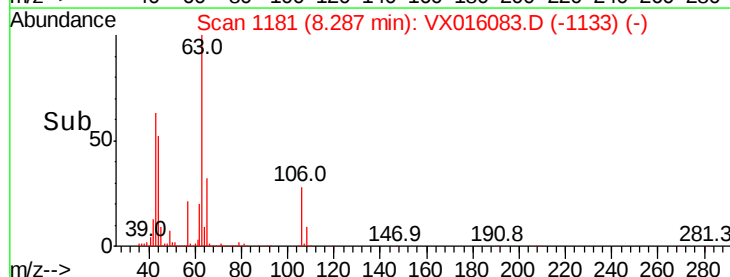
200000

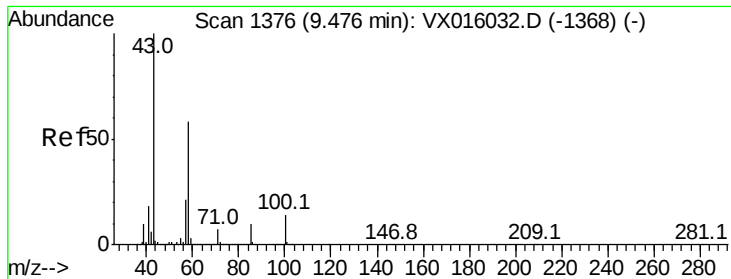
100000

0

8.20 8.30 8.40

Time-->

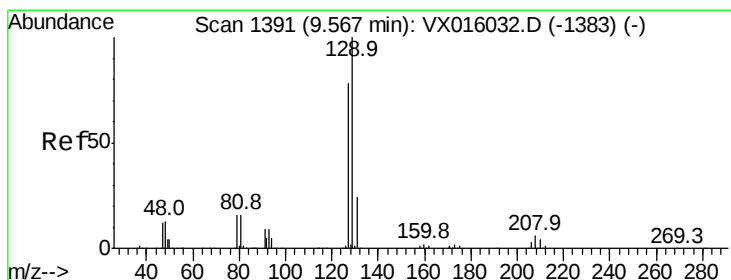
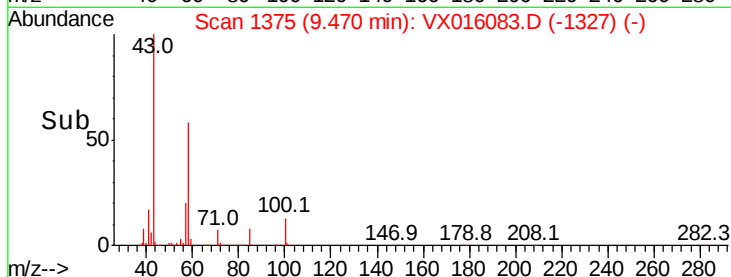
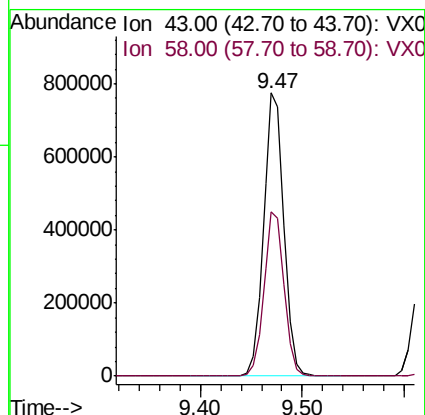
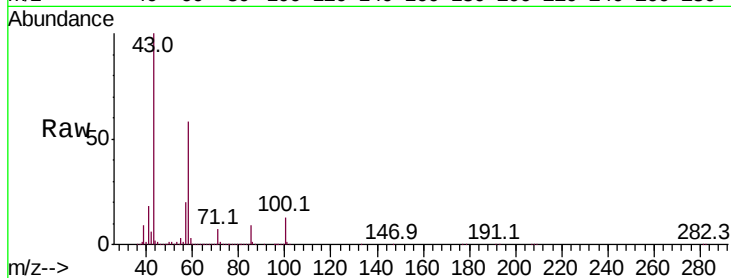




#59
2-Hexanone
Concen: 233.296 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

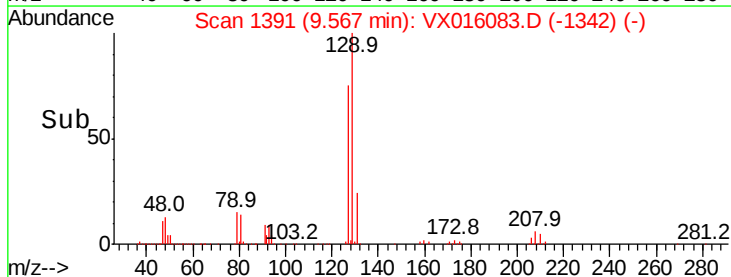
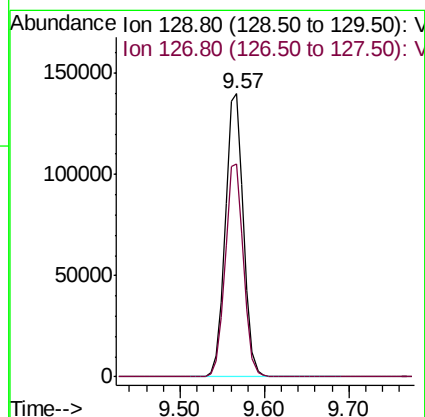
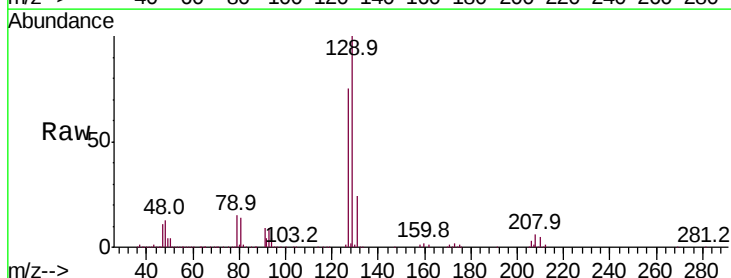
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

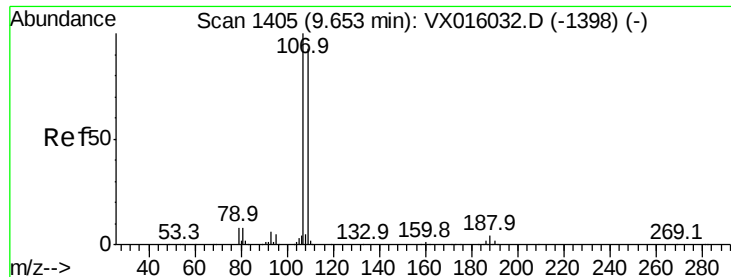
Tot Ion: 43 Resp: 1070580
Ion Ratio Lower Upper
43 100
58 58.1 28.6 85.9



#60
Dibromochloromethane
Concen: 50.792 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 129 Resp: 207265
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 47.998 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

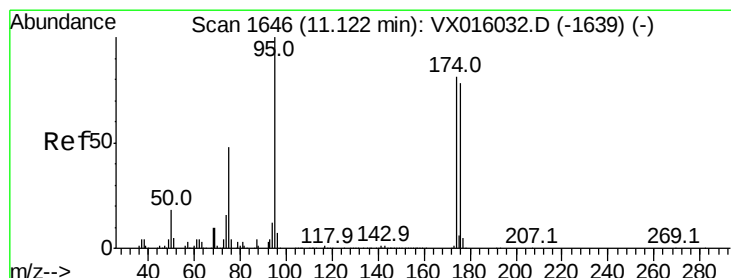
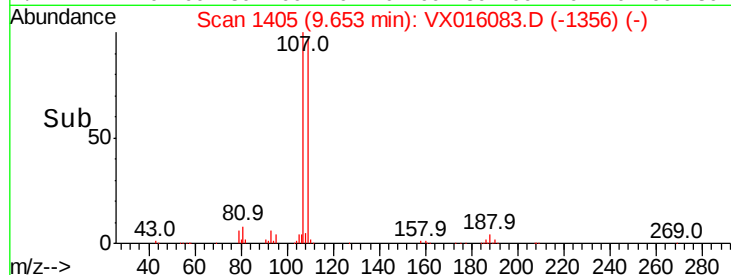
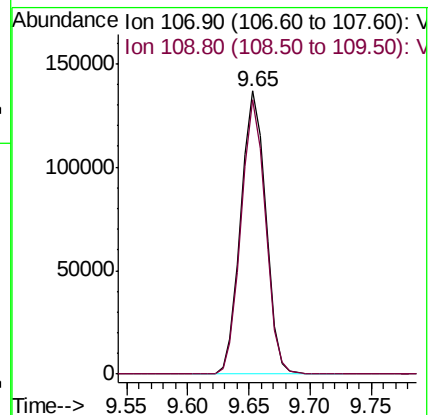
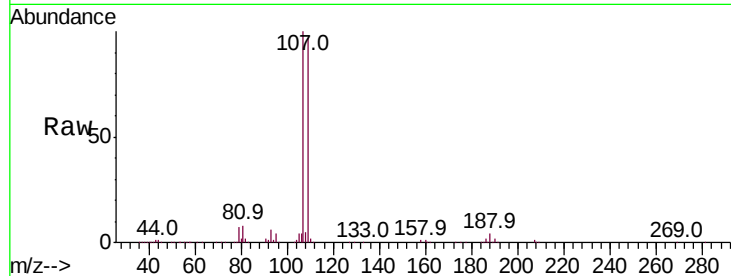
VSTDCCC050

Tot Ion:107 Resp: 192630

Ion Ratio Lower Upper

107 100

109 94.8 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 46.842 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

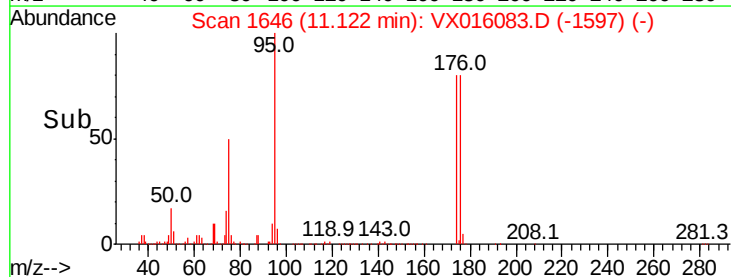
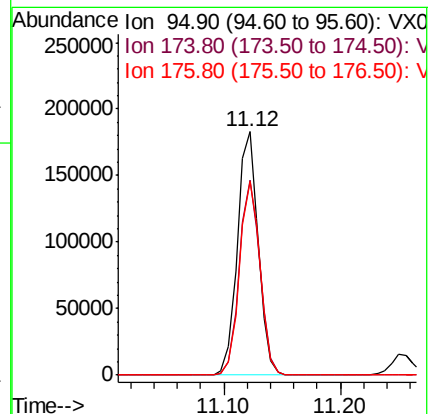
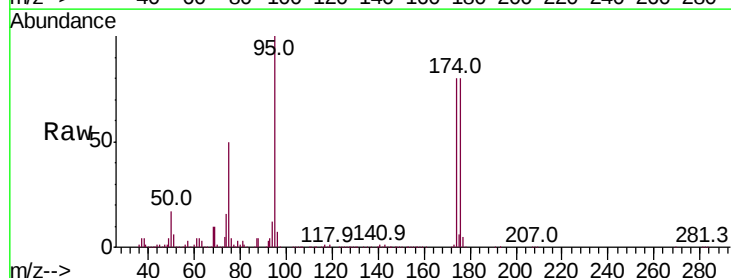
Tgt Ion: 95 Resp: 228142

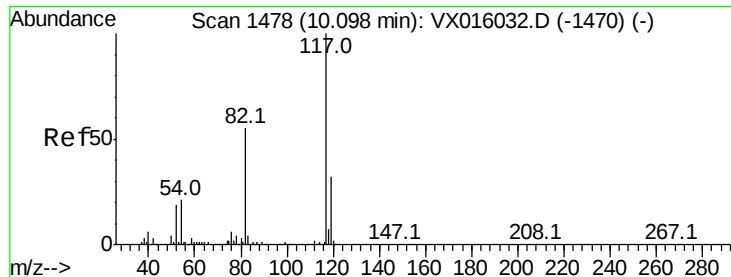
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.4

176 78.9 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

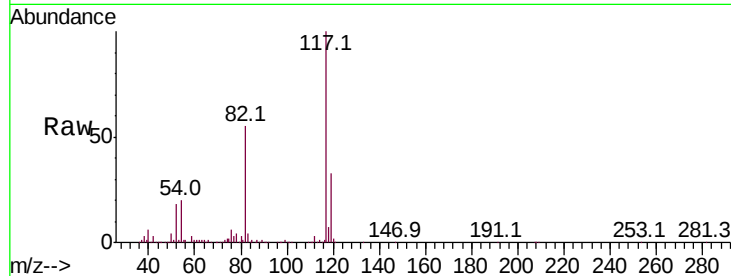
Tot Ion:117 Resp: 481169

Ion Ratio Lower Upper

117 100

82 55.1 44.4 66.6

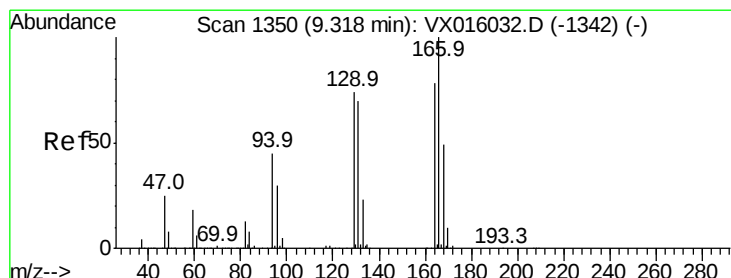
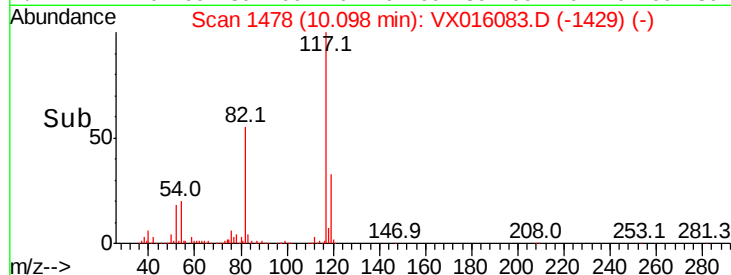
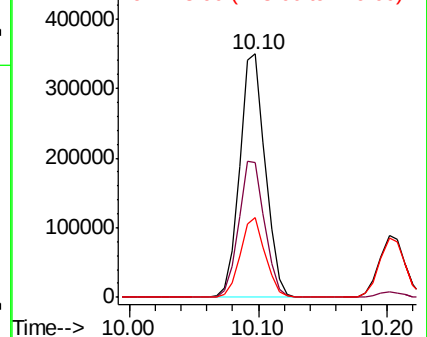
119 33.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.101 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion:164 Resp: 295944

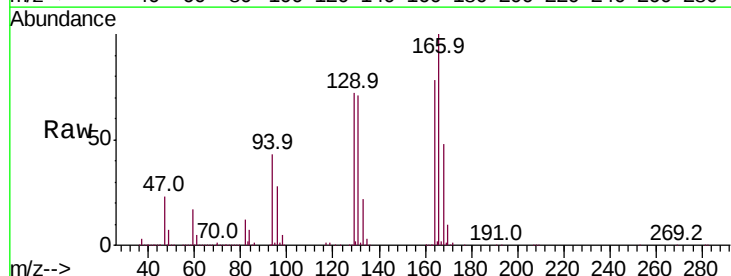
Ion Ratio Lower Upper

164 100

166 128.2 102.9 154.3

129 92.0 76.1 114.1

131 91.6 71.9 107.9

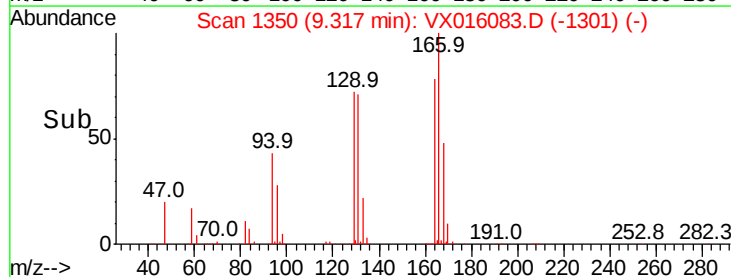
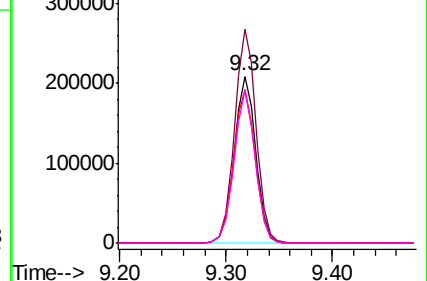


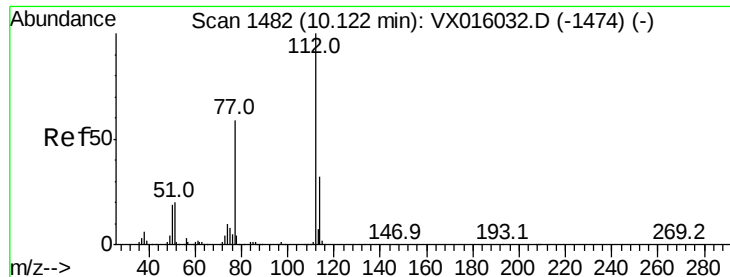
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.361 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

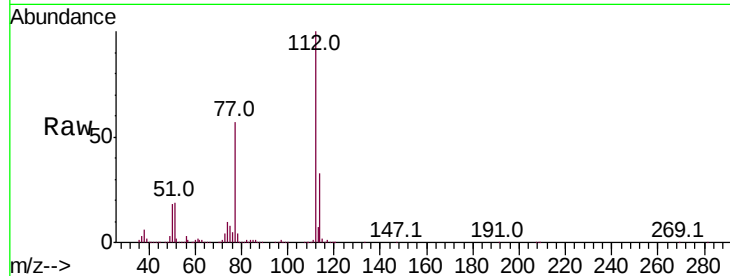
VSTDCCC050

Tot Ion:112 Resp: 487247

Ion Ratio Lower Upper

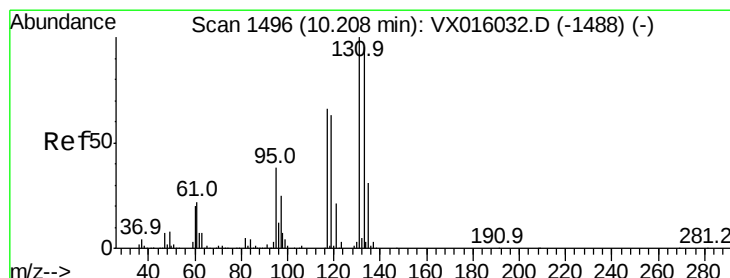
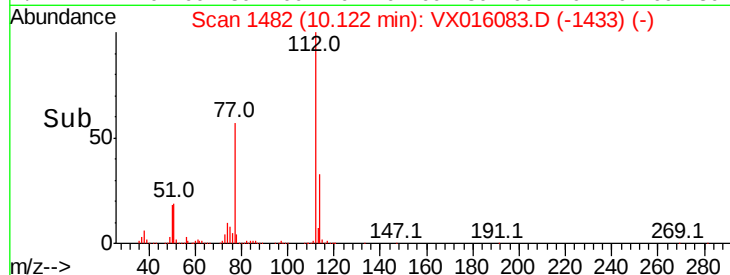
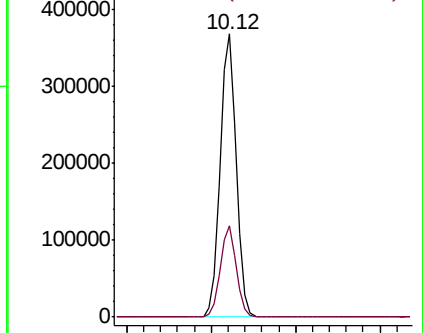
112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.251 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

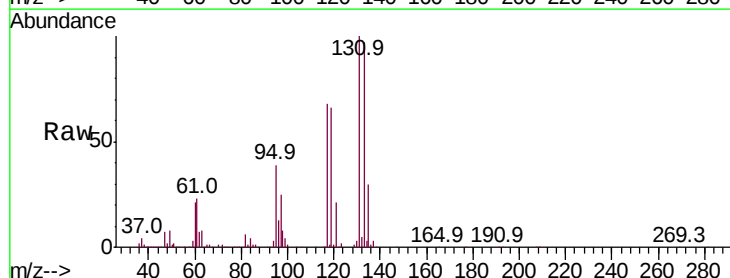
Tgt Ion:131 Resp: 183406

Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.8

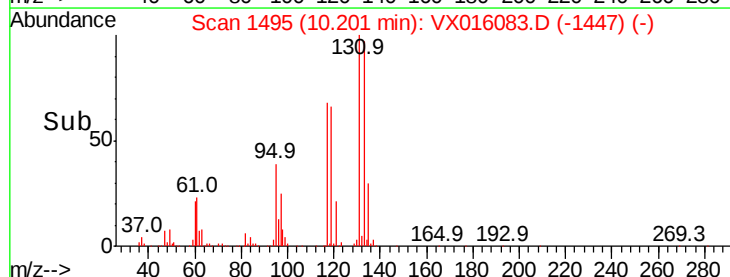
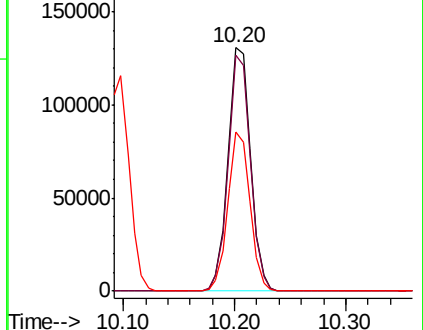
119 64.0 32.3 96.9

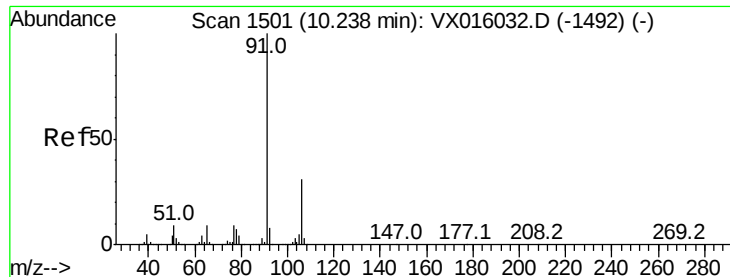


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.052 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

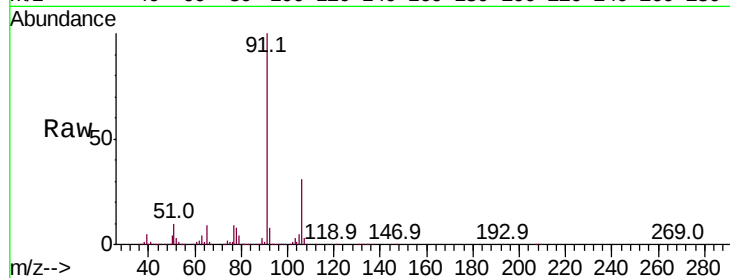
VSTDCCC050

Tot Ion: 91 Resp: 881780

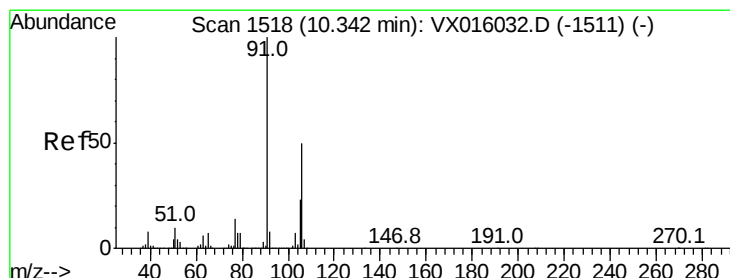
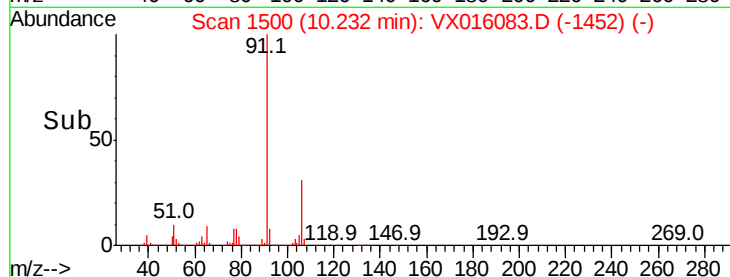
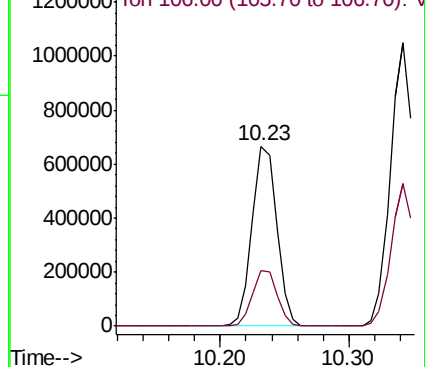
Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016083.D (-1452) (-)



#68

m/p-Xylenes

Concen: 99.888 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016083.D

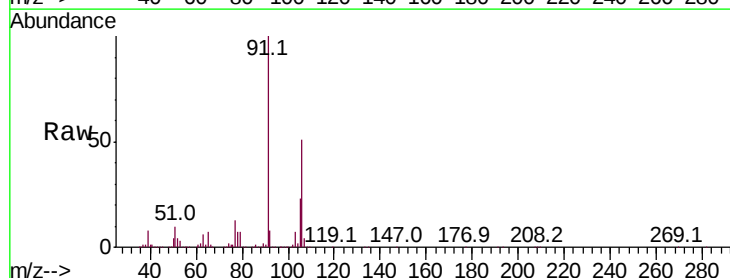
Acq: 07 May 2020 09:55

Tgt Ion: 106 Resp: 672761

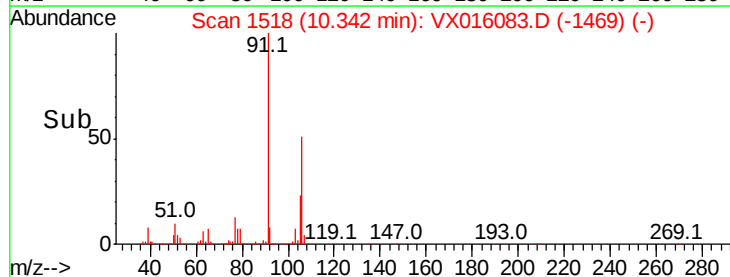
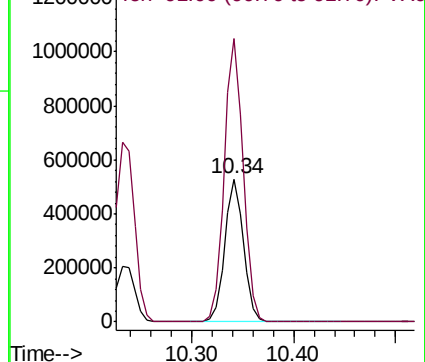
Ion Ratio Lower Upper

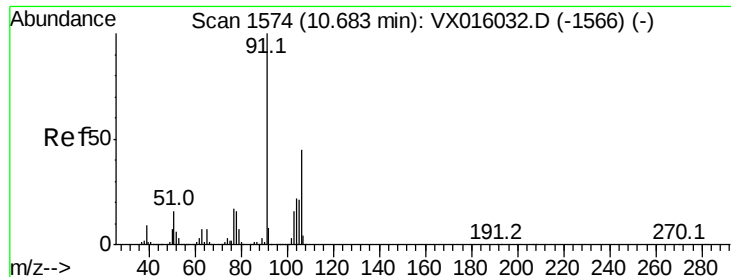
106 100

91 201.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016083.D (-1469) (-)

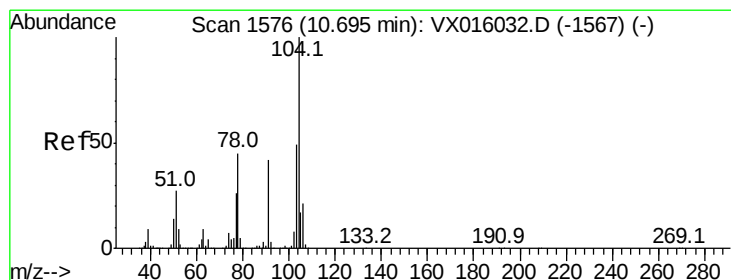
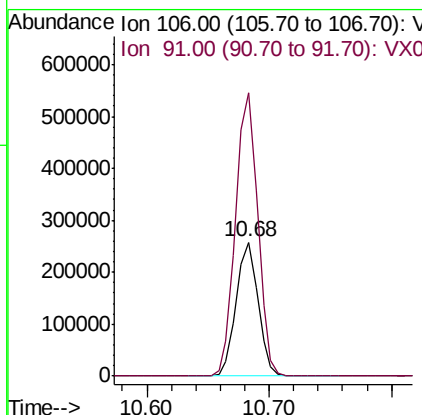
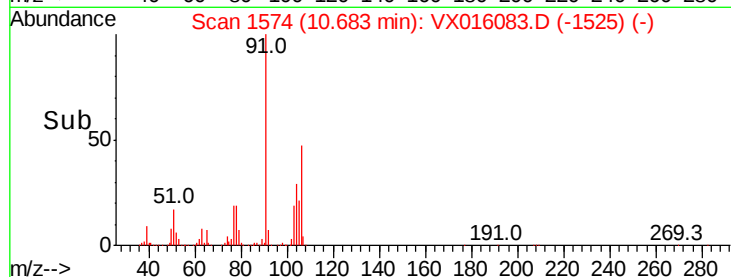
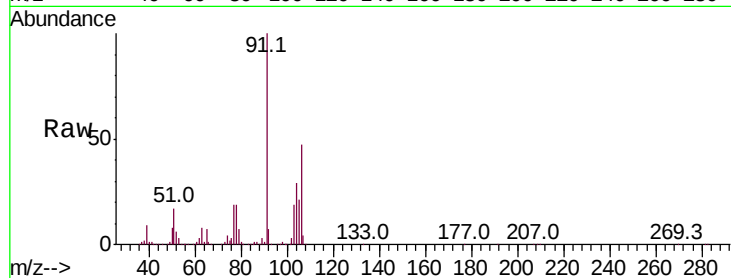




#69
o-Xylene
Concen: 49.225 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

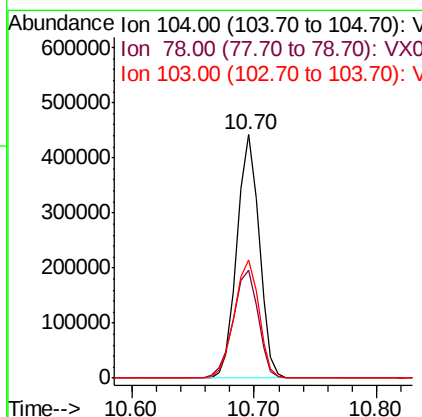
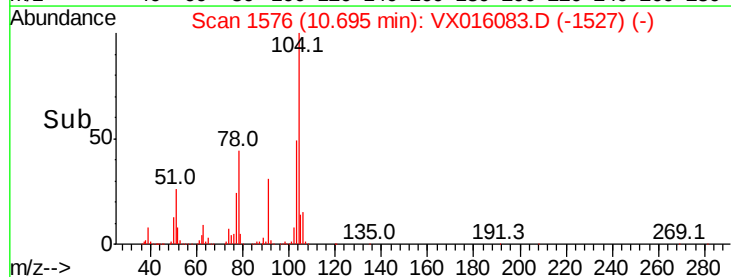
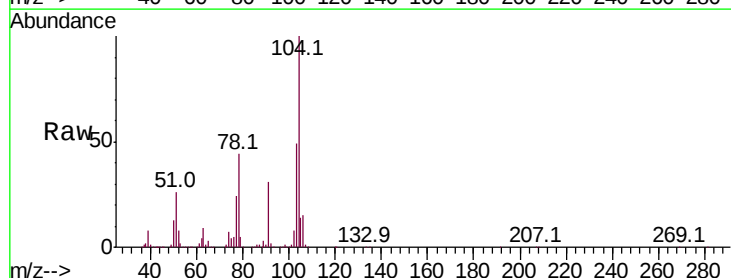
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

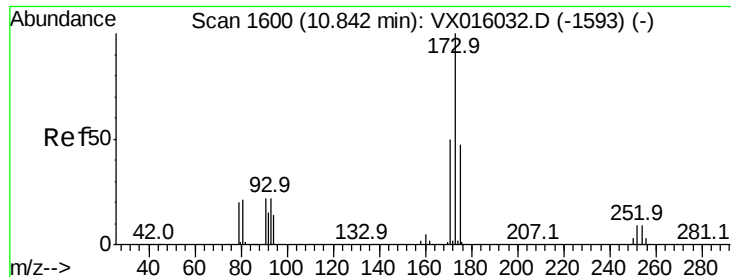
Tot Ion:106 Resp: 318687
Ion Ratio Lower Upper
106 100
91 214.2 107.5 322.6



#70
Styrene
Concen: 50.467 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion:104 Resp: 554291
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 51.558 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

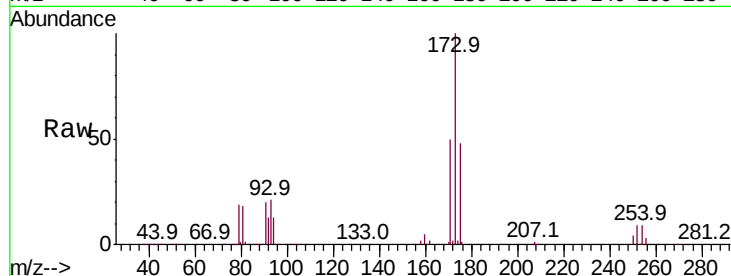
Tot Ion:173 Resp: 156424

Ion Ratio Lower Upper

173 100

175 48.3 24.0 72.0

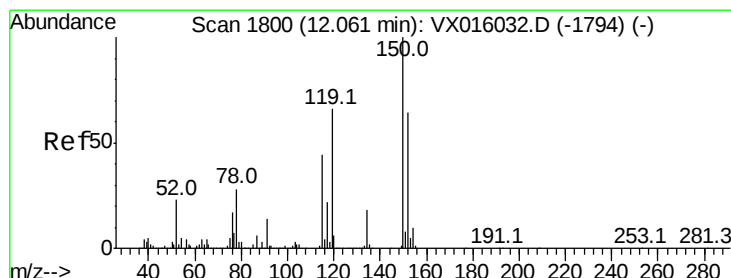
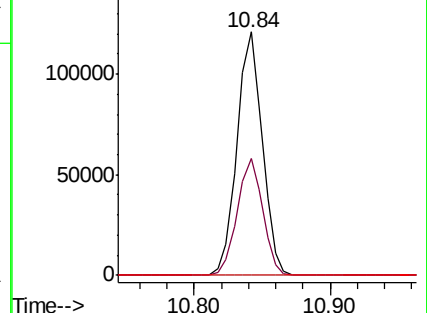
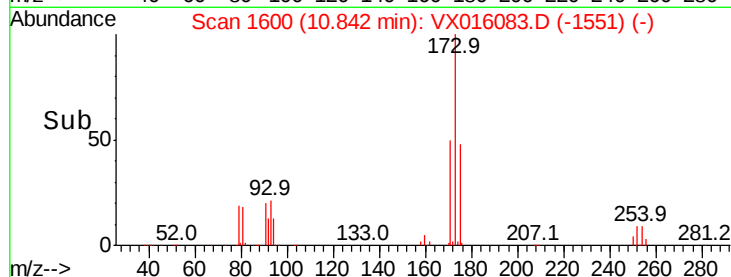
254 0.1 0.1 0.1



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: VX016083.D

Acq: 07 May 2020 09:55

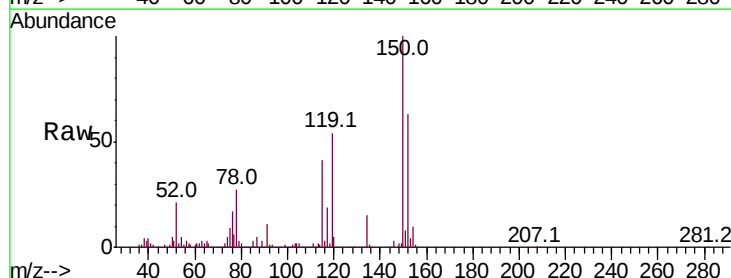
Tgt Ion:152 Resp: 248676

Ion Ratio Lower Upper

152 100

115 82.2 41.3 124.1

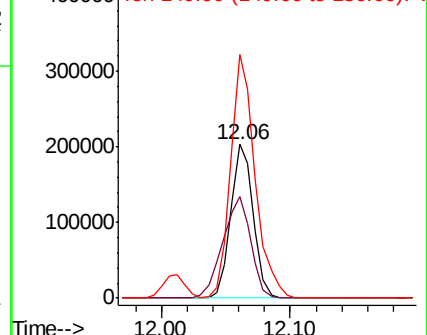
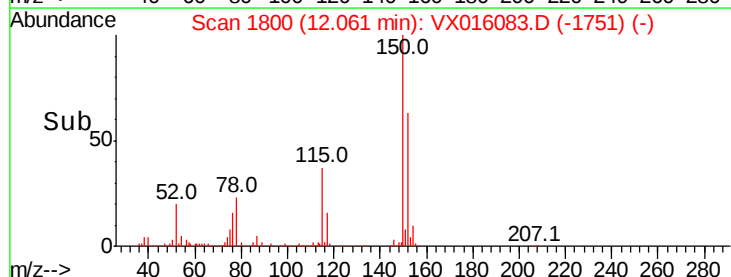
150 173.1 0.0 352.2

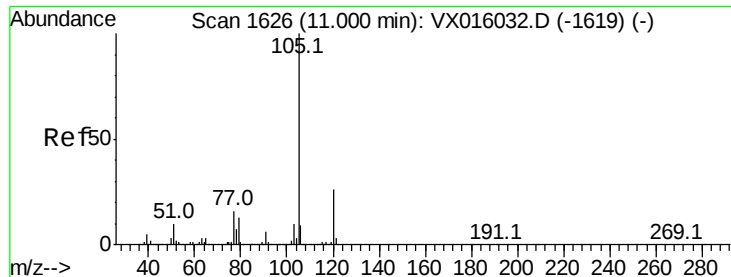


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.176 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

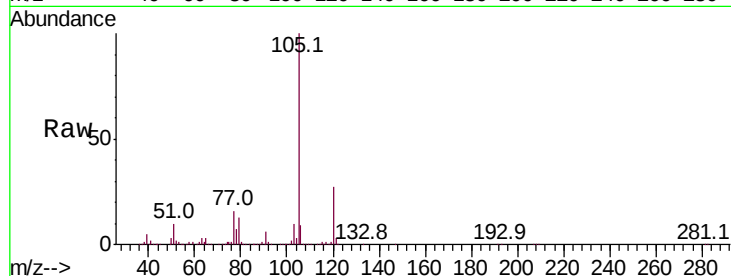
VSTDCCC050

Tot Ion:105 Resp: 871379

Ion Ratio Lower Upper

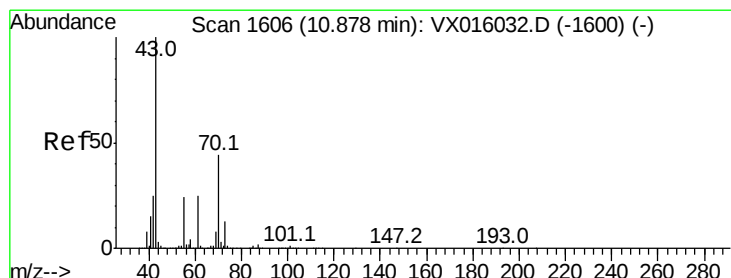
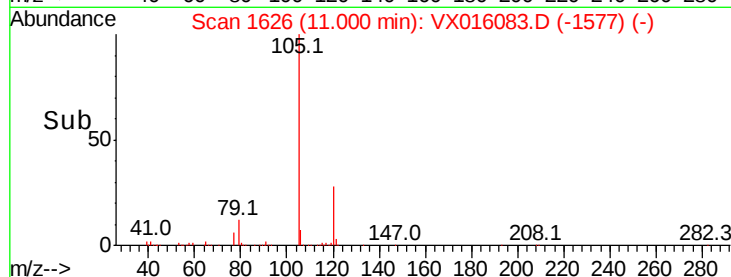
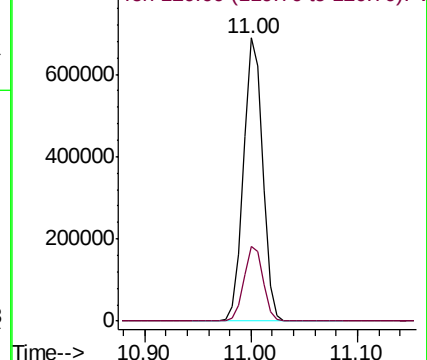
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.690 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion: 43 Resp: 385471

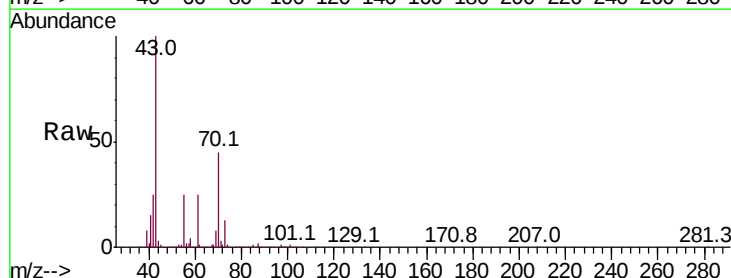
Ion Ratio Lower Upper

43 100

70 45.7 36.5 54.7

55 25.2 19.7 29.5

61 25.5 20.9 31.3

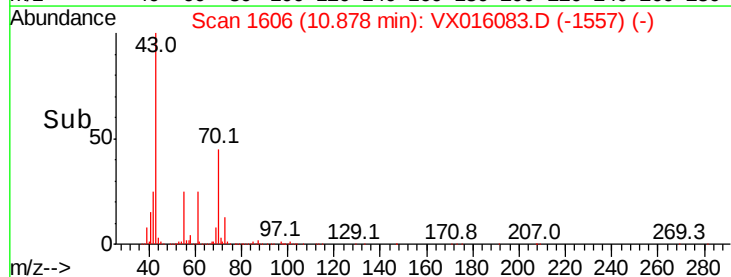
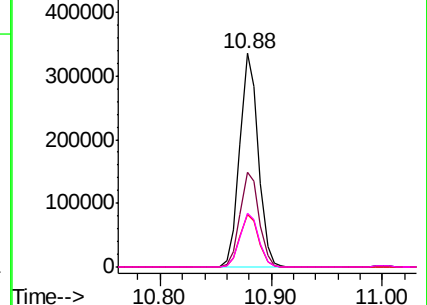


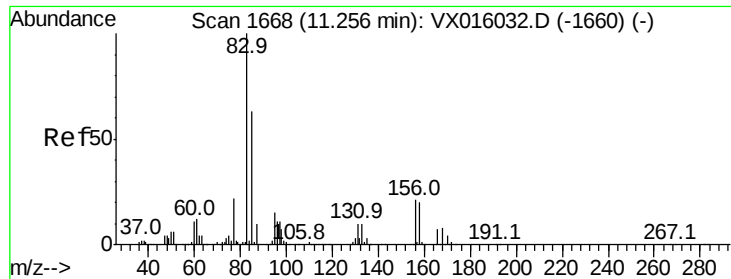
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 39.455 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

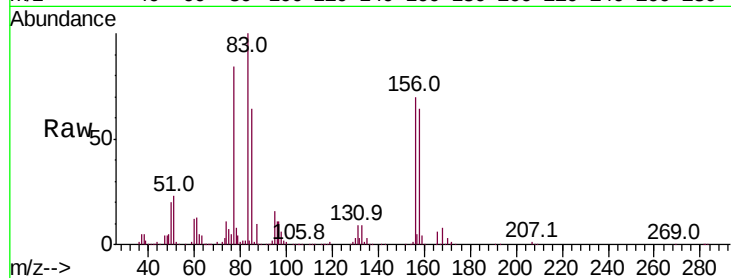
Tot Ion: 83 Resp: 135733

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

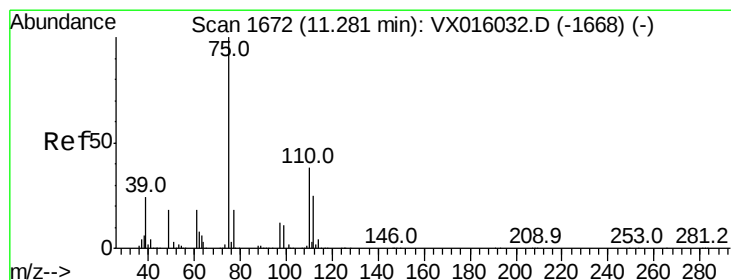
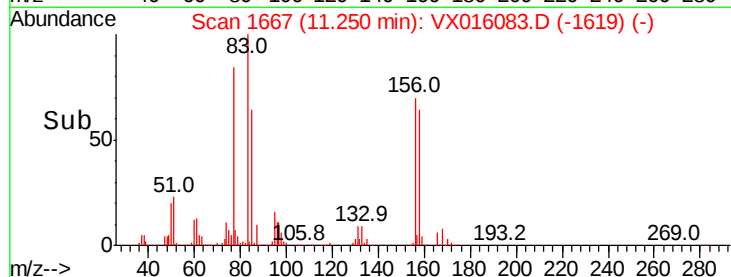
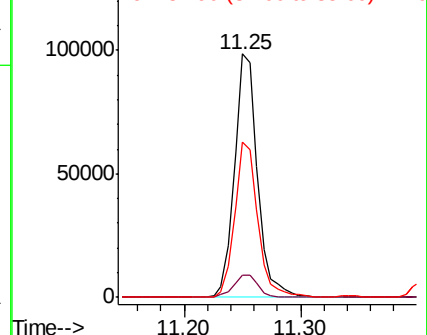
85 64.2 32.0 96.0



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: 62.094 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016083.D

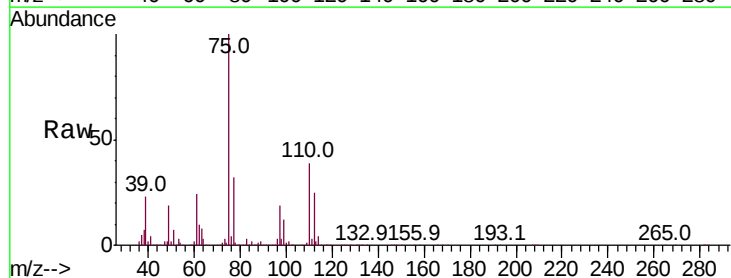
Acq: 07 May 2020 09:55

Tgt Ion: 75 Resp: 350398

Ion Ratio Lower Upper

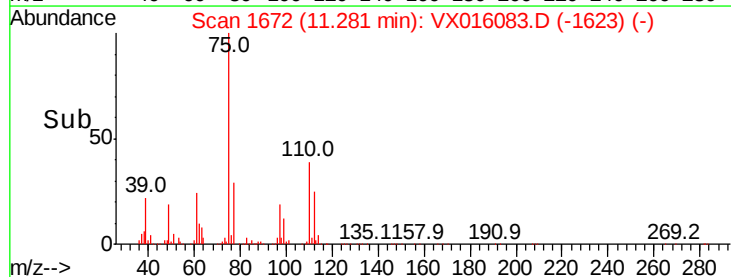
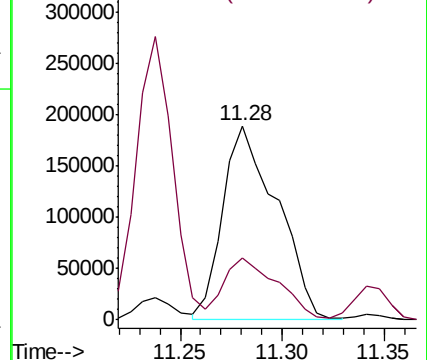
75 100

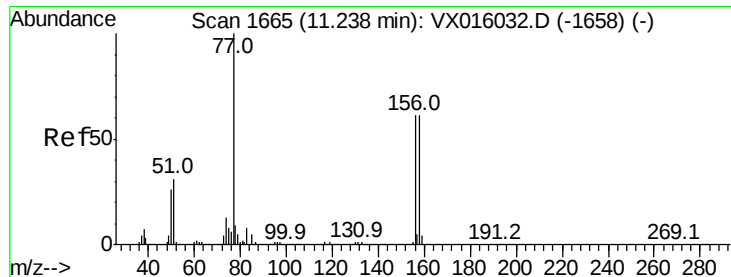
77 31.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

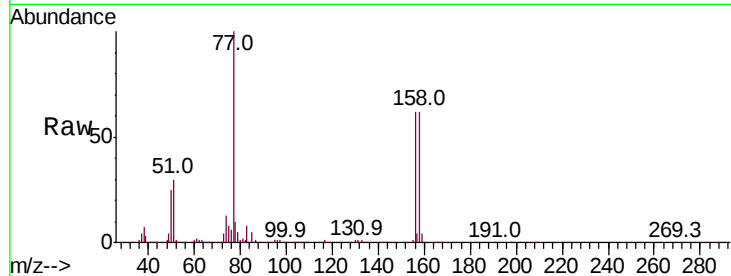




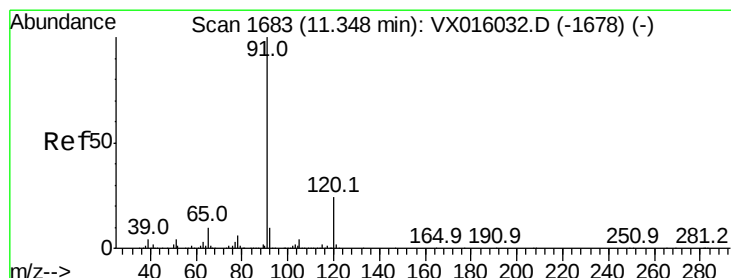
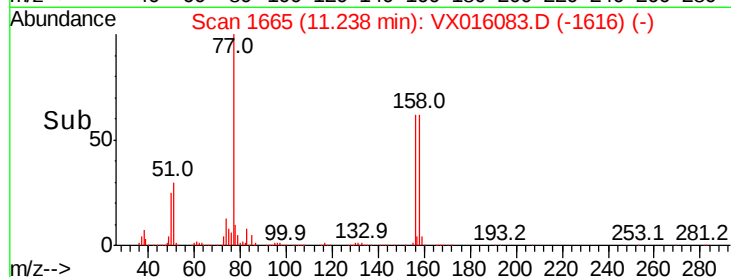
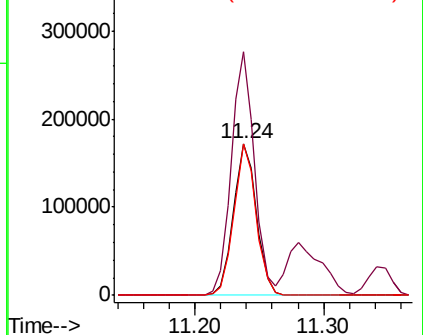
#77
Bromobenzene
Concen: 46.110 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 215270
Ion Ratio Lower Upper
156 100
77 160.9 80.1 240.3
158 96.4 49.4 148.2

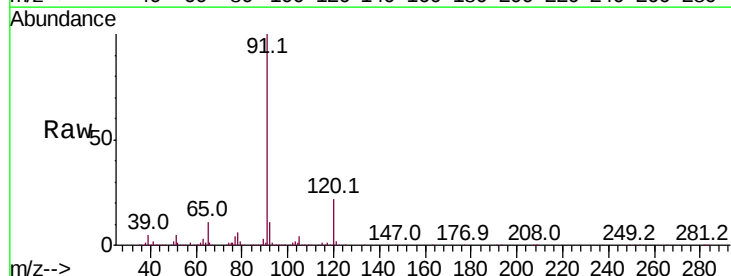


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

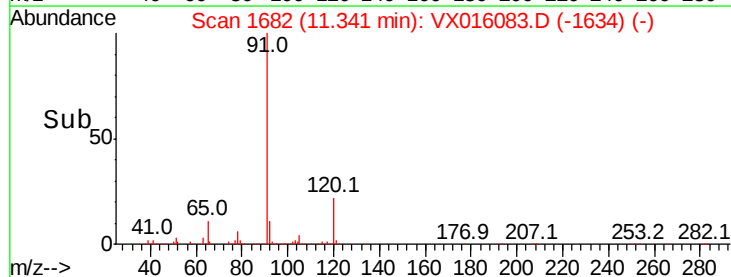
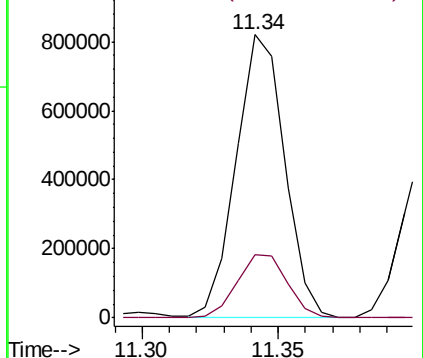


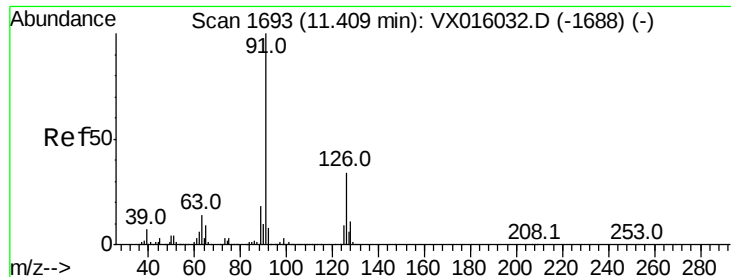
#78
n-propylbenzene
Concen: 47.921 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion: 91 Resp: 1008347
Ion Ratio Lower Upper
91 100
120 23.2 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: 47.406 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

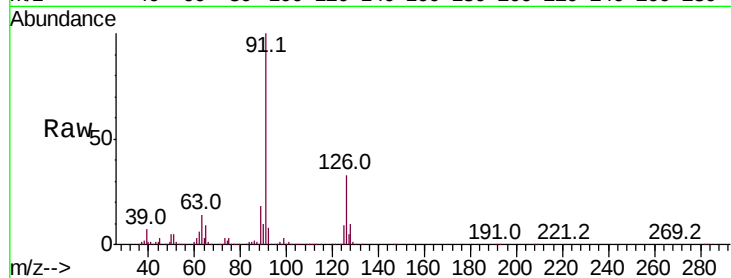
VSTDCCC050

Tot Ion: 91 Resp: 588798

Ion Ratio Lower Upper

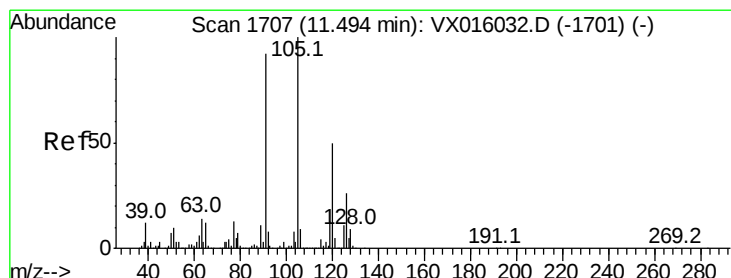
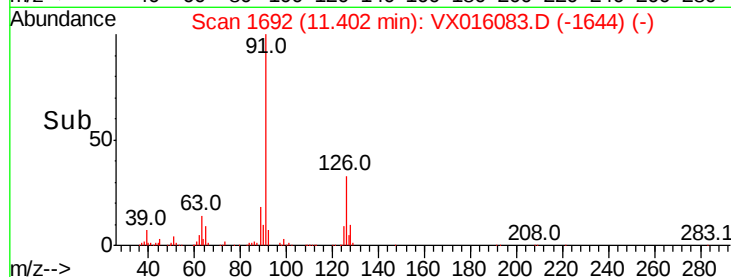
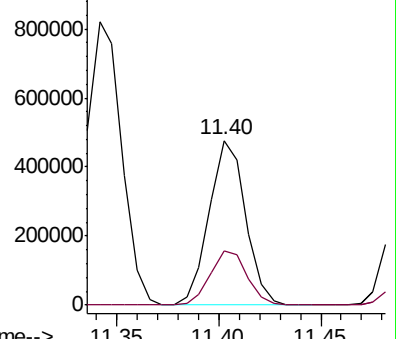
91 100

126 33.6 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016083.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016083.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.405 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016083.D

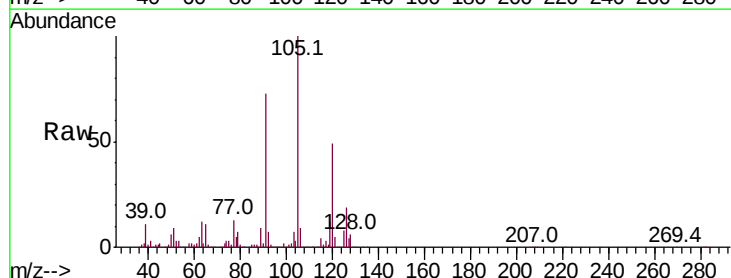
Acq: 07 May 2020 09:55

Tgt Ion: 105 Resp: 739223

Ion Ratio Lower Upper

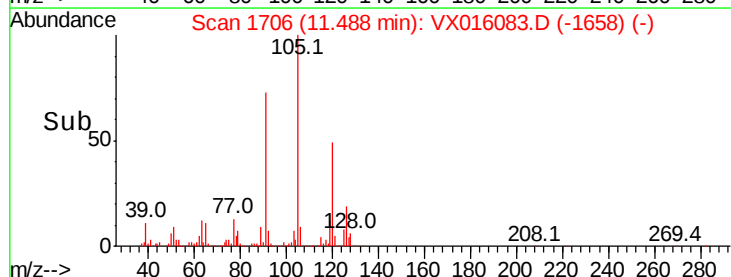
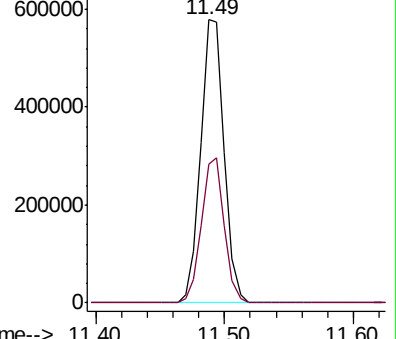
105 100

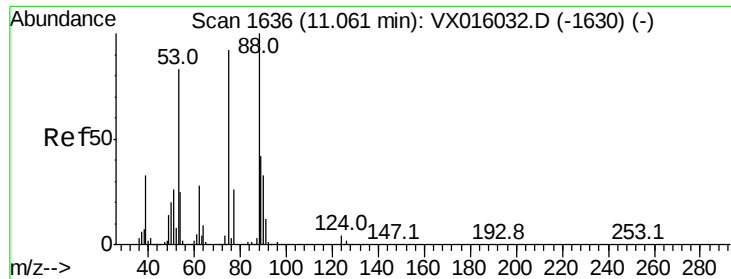
120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016083.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016083.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.046 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

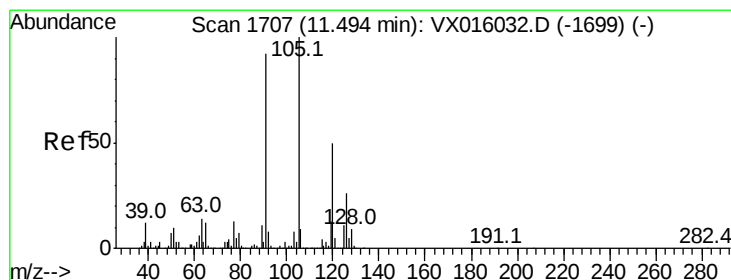
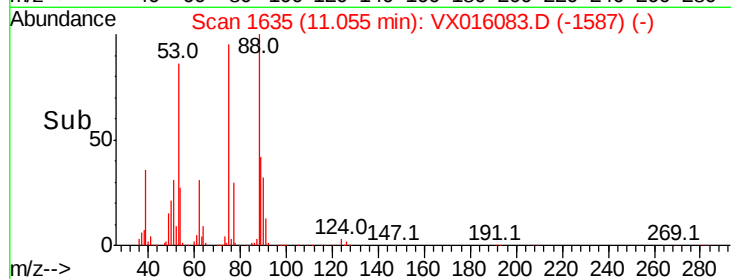
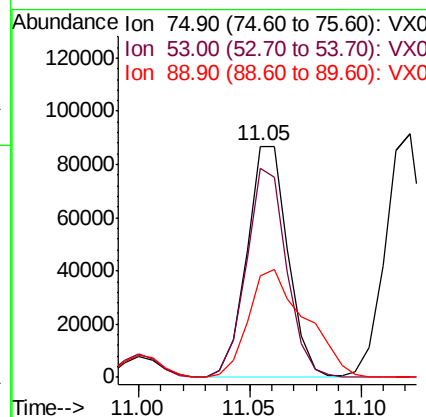
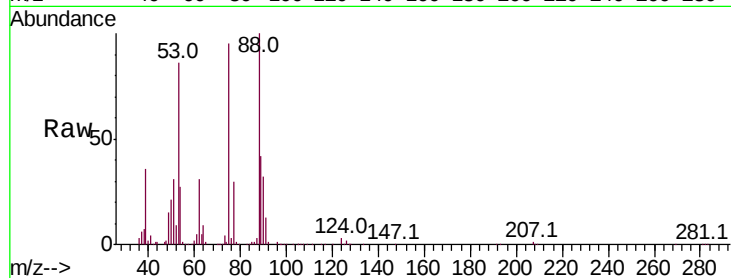
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 111404

Ion	Ratio	Lower	Upper
75	100		
53	89.1	73.1	109.7
89	65.0	36.7	55.1#



#82

4-Chlorotoluene

Concen: 47.528 ug/l

RT: 11.49 min Scan# 1707

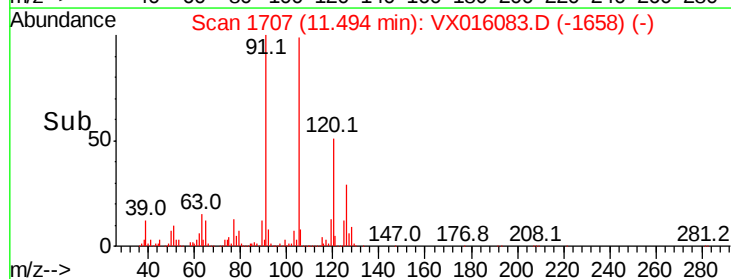
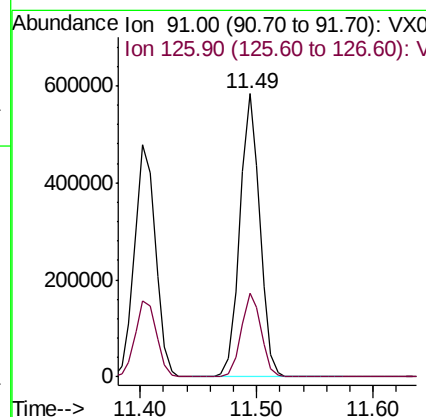
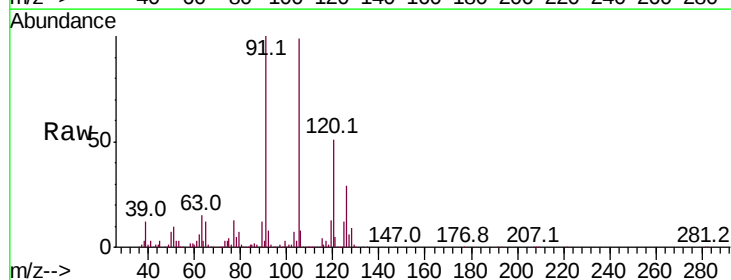
Delta R.T. -0.00 min

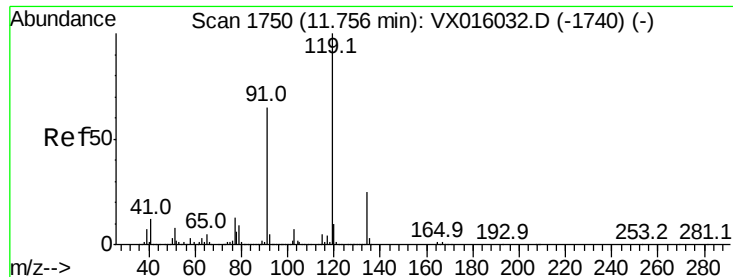
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion: 91 Resp: 697095

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.3





#83

tert-Butylbenzene

Concen: 48.081 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

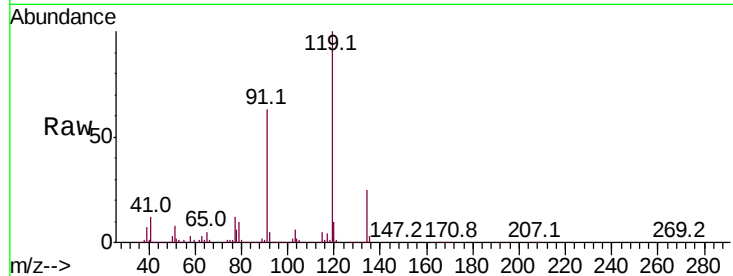
Tot Ion:119 Resp: 632795

Ion Ratio Lower Upper

119 100

91 64.6 32.8 98.4

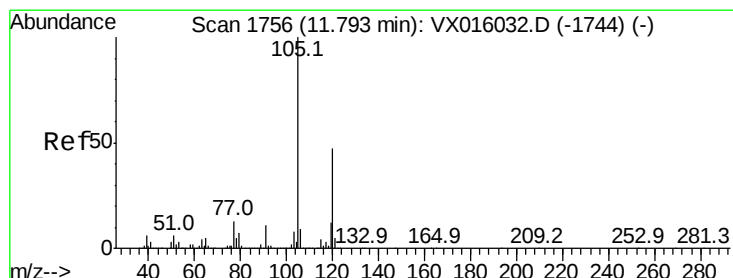
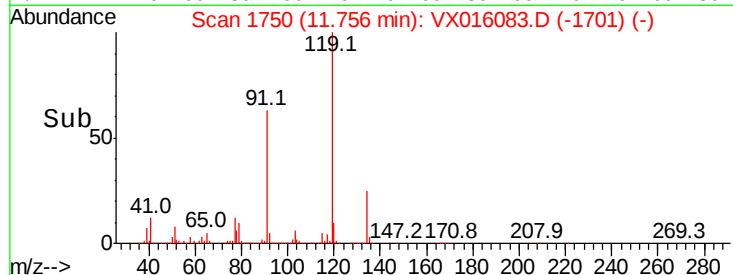
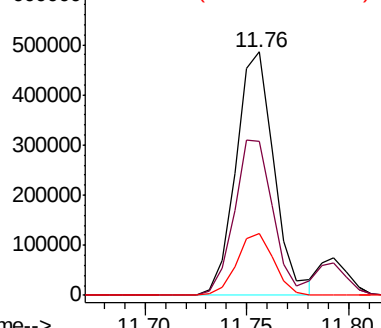
134 24.7 12.4 37.0



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: 48.403 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016083.D

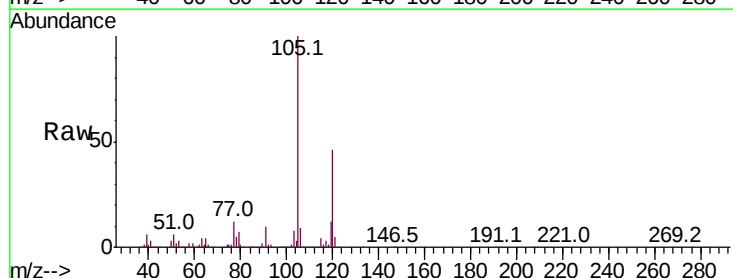
Acq: 07 May 2020 09:55

Tgt Ion:105 Resp: 747325

Ion Ratio Lower Upper

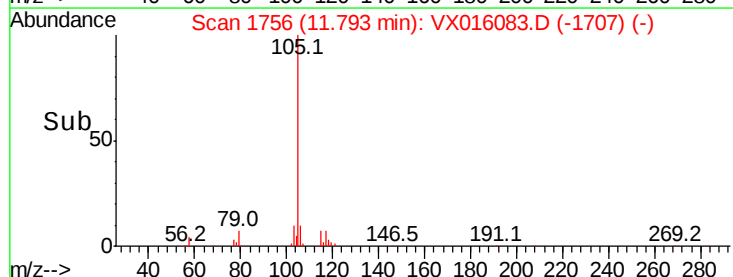
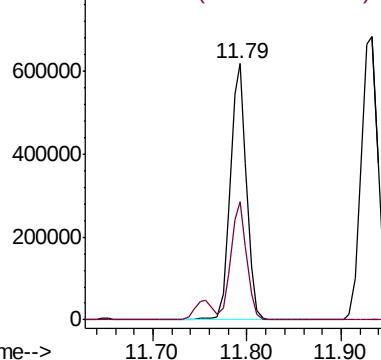
105 100

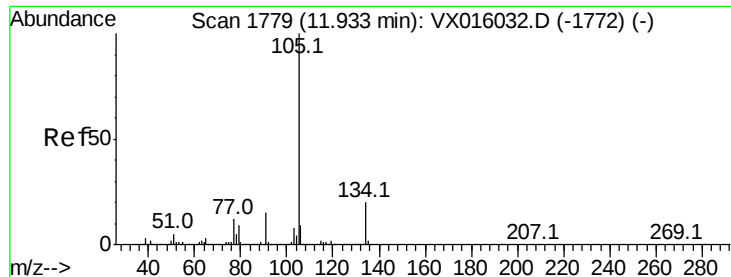
120 45.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.169 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

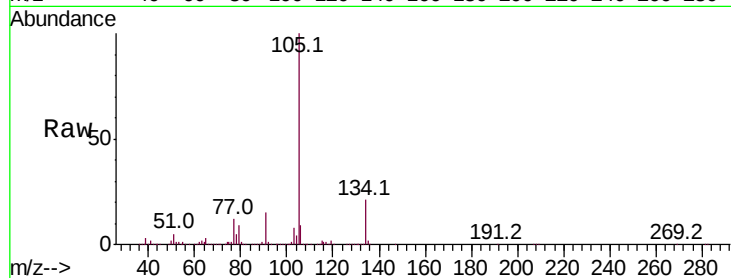
VSTDCCC050

Tot Ion:105 Resp: 855953

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

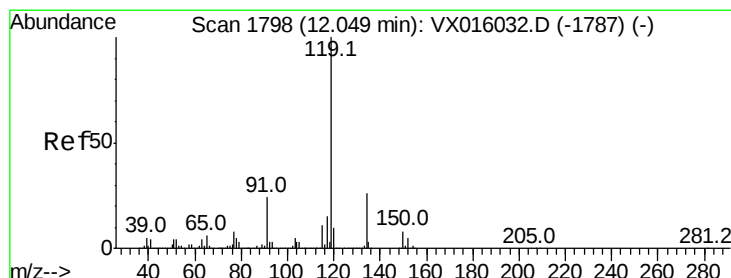
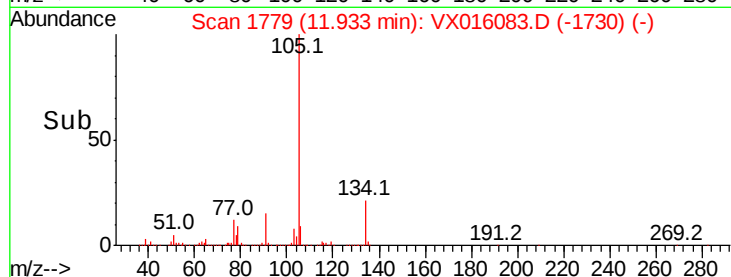
400000

200000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.789 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

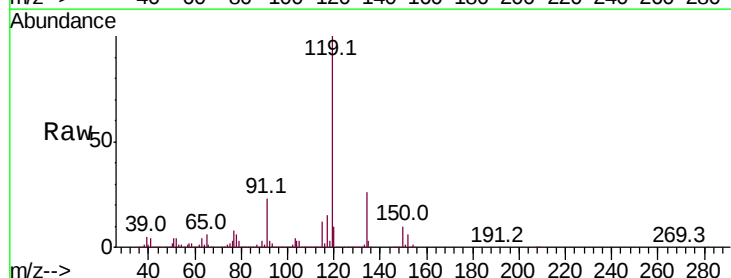
Tgt Ion:119 Resp: 804936

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

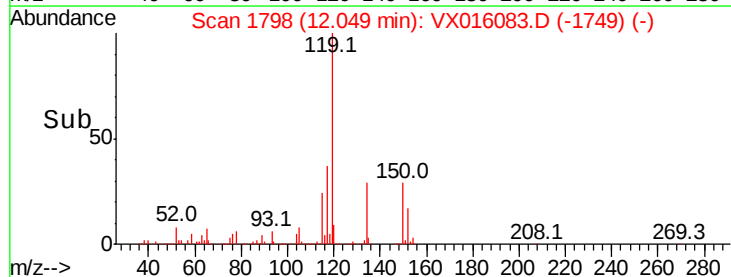
400000

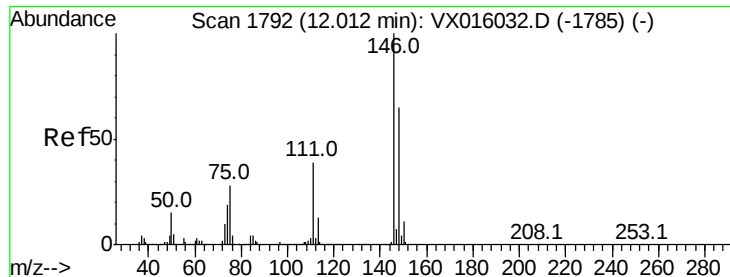
200000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.096 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

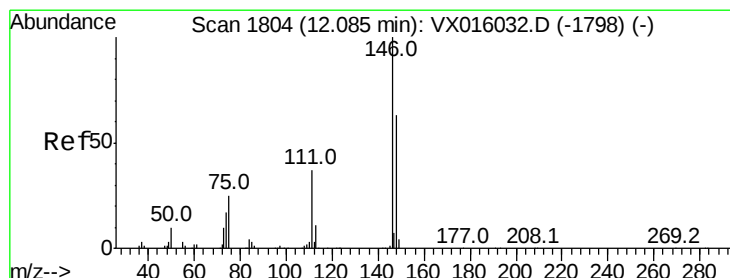
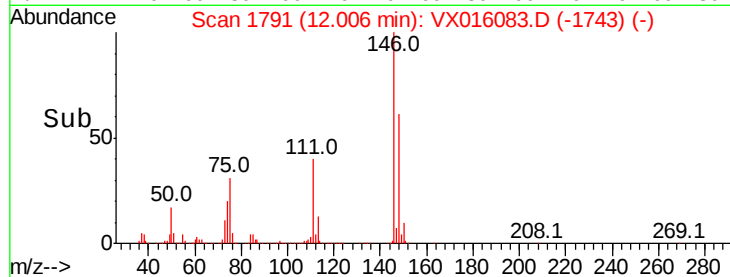
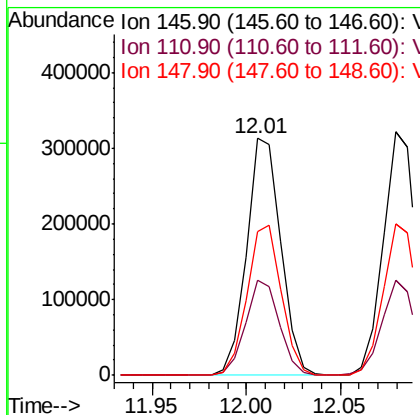
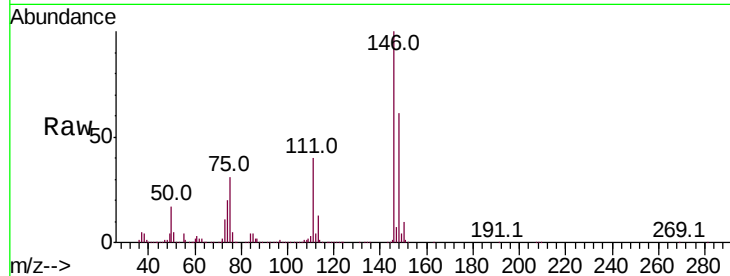
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 394794

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	63.4	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 46.415 ug/l

RT: 12.08 min Scan# 1803

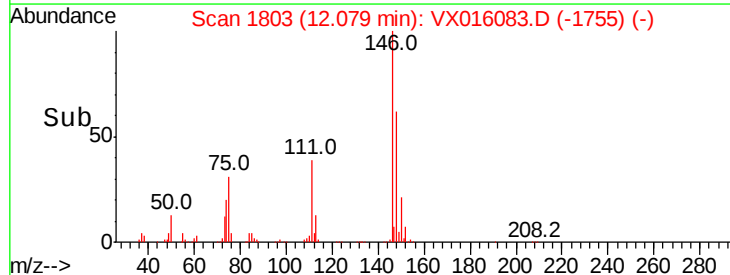
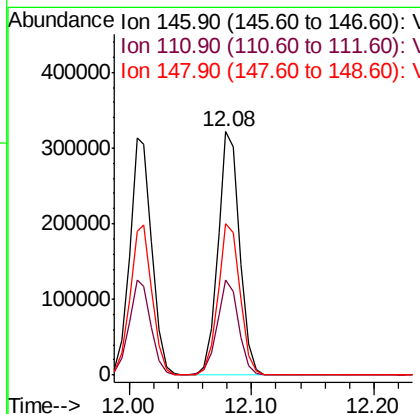
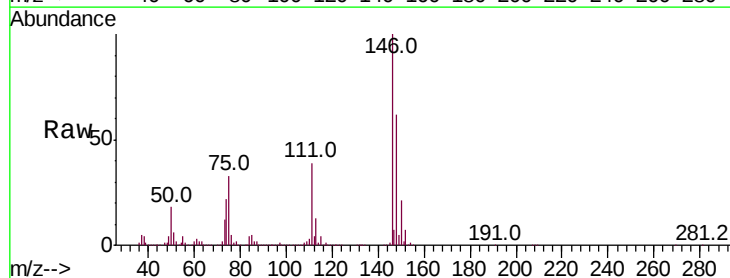
Delta R.T. -0.01 min

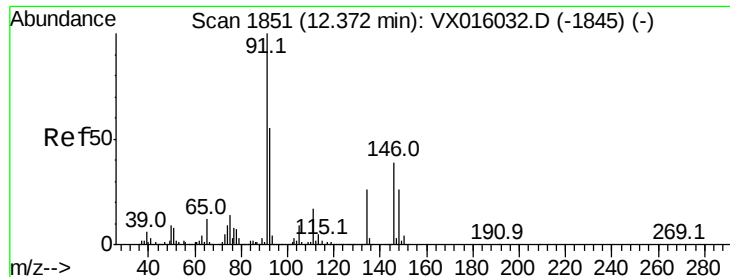
Lab File: VX016083.D

Acq: 07 May 2020 09:55

Tgt Ion:146 Resp: 394911

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	63.4	31.8	95.3





#89

n-Butylbenzene

Concen: 48.991 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

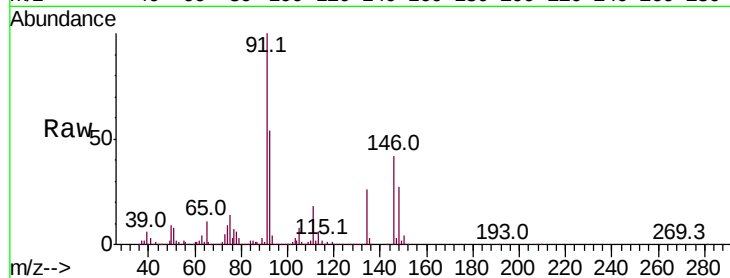
Tot Ion: 91 Resp: 738397

Ion Ratio Lower Upper

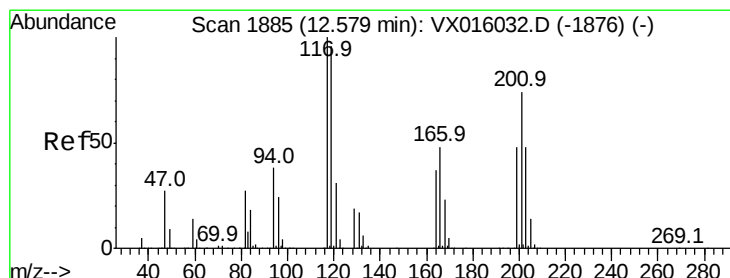
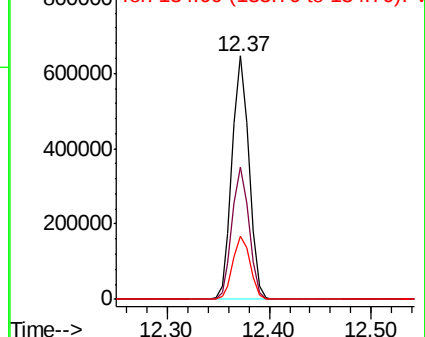
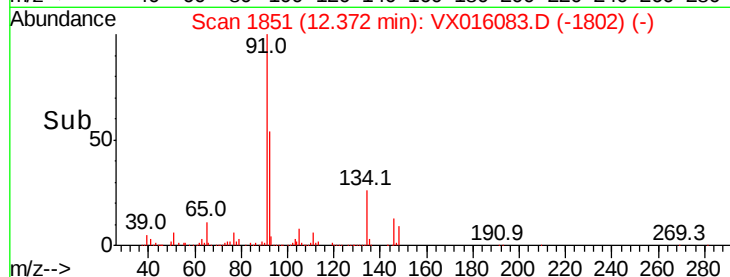
91 100

92 54.4 27.6 82.7

134 26.4 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016083.D (-1802) (-)



#90

Hexachloroethane

Concen: 49.162 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016083.D

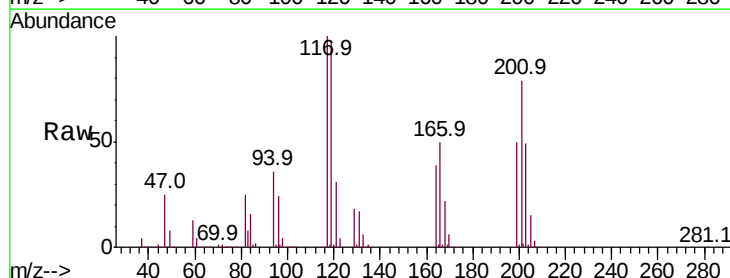
Acq: 07 May 2020 09:55

Tgt Ion: 117 Resp: 139296

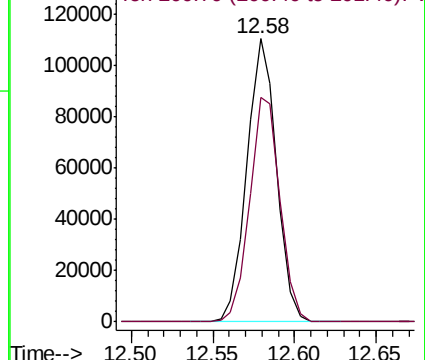
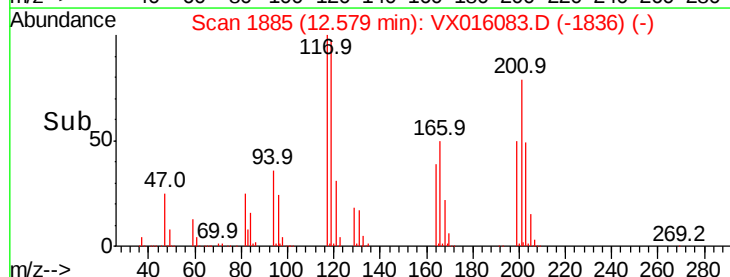
Ion Ratio Lower Upper

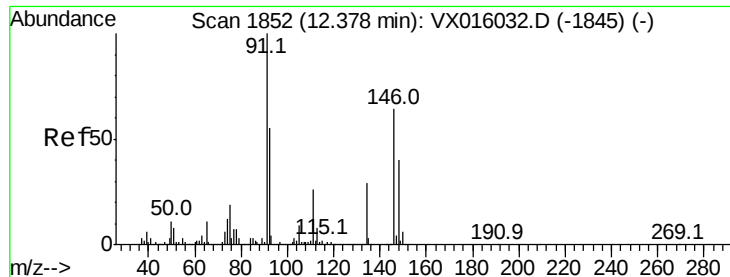
117 100

201 81.5 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016083.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 46.460 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

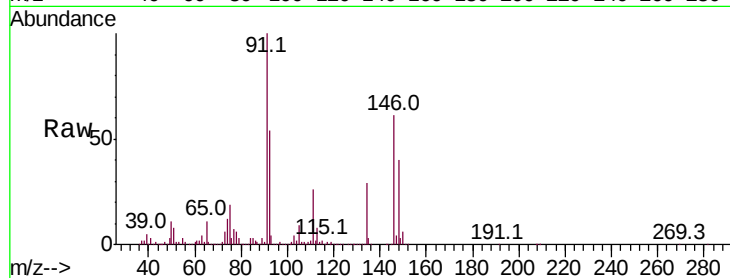
Tot Ion:146 Resp: 375011

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

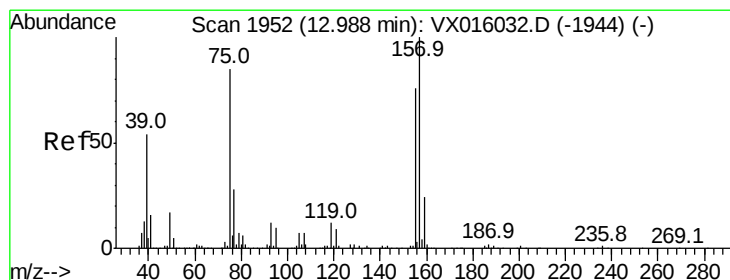
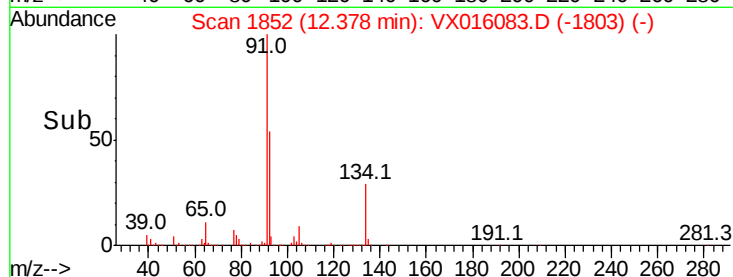
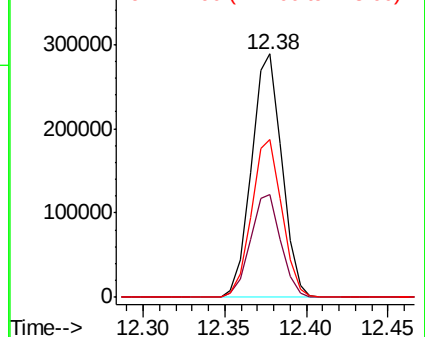
148 64.7 32.4 97.0



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: 42.680 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016083.D

Acq: 07 May 2020 09:55

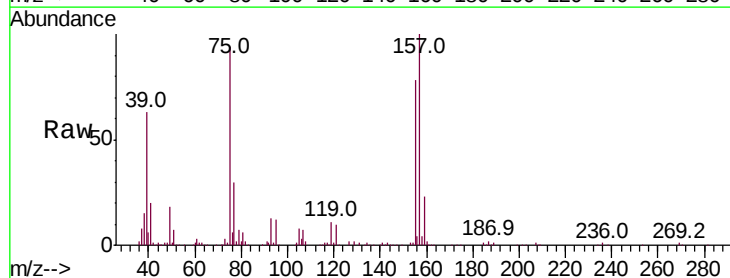
Tgt Ion: 75 Resp: 63476

Ion Ratio Lower Upper

75 100

155 87.8 42.5 127.5

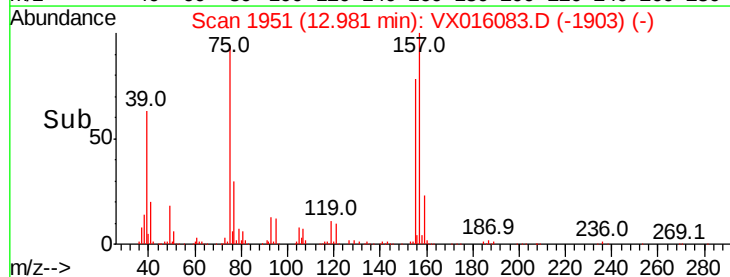
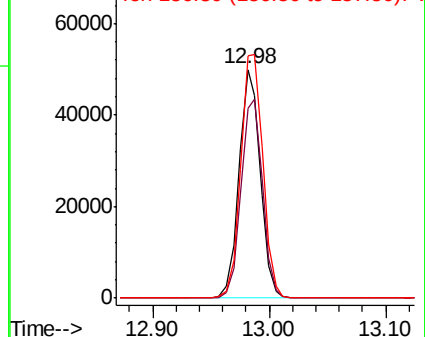
157 111.0 55.3 165.8

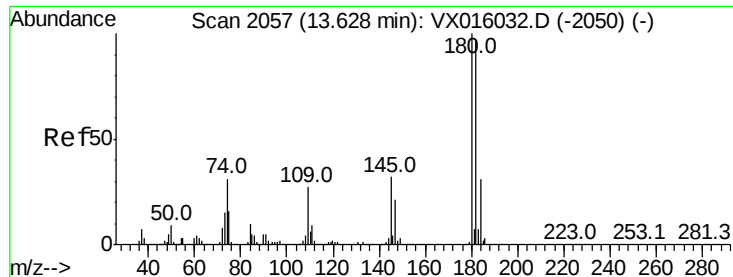


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

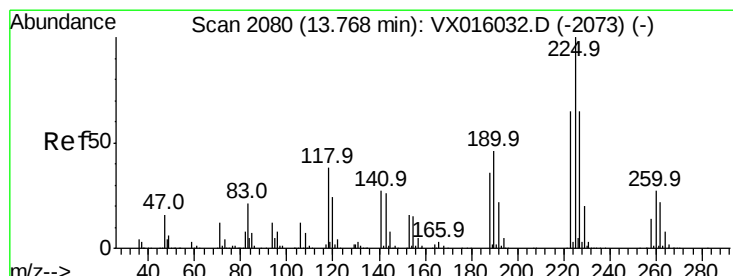
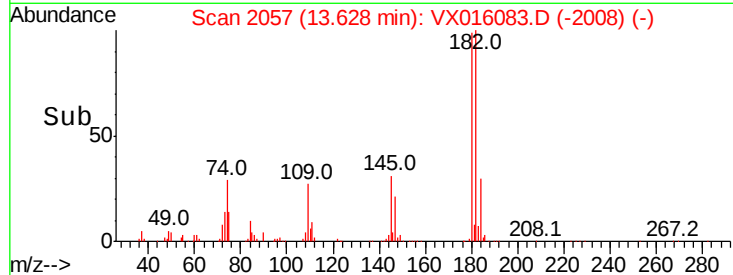
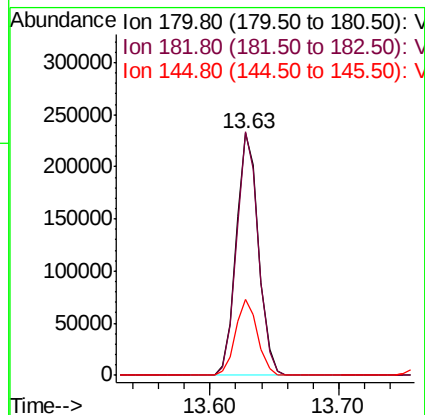
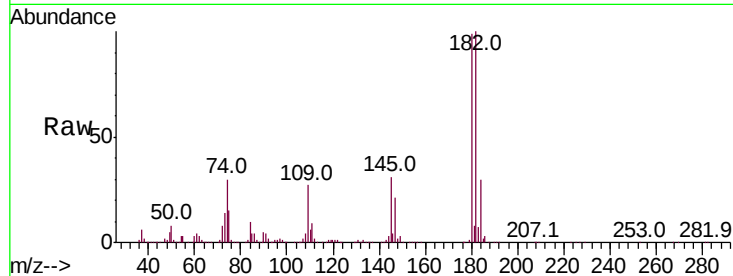




#93
 1,2,4-Trichlorobenzene
 Concen: 46.864 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

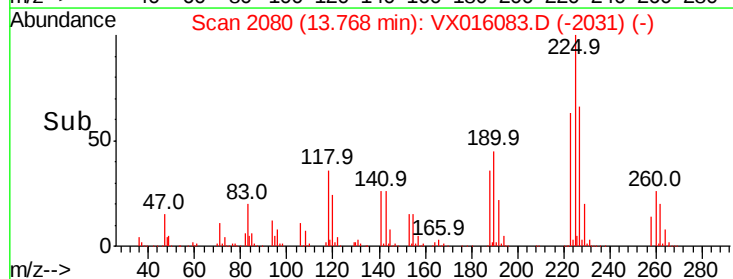
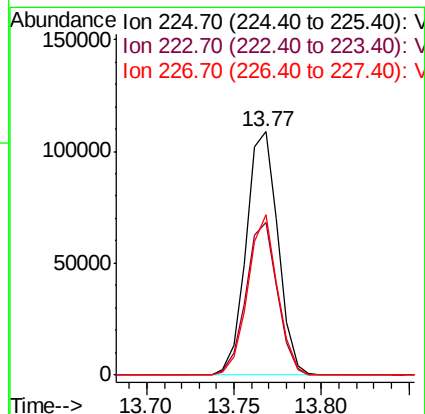
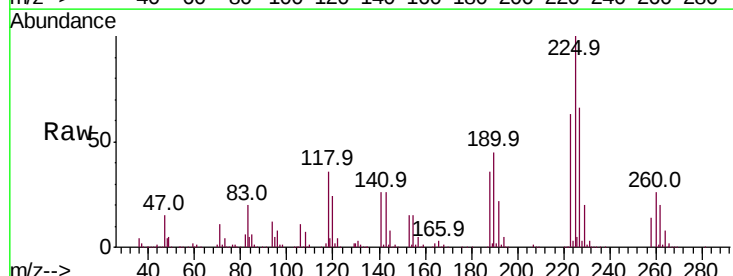
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

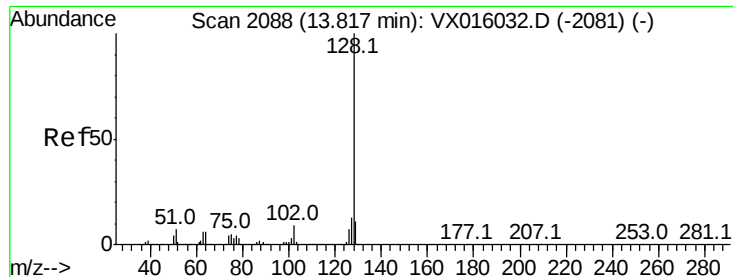
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.7	146.1
145	31.1	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 53.215 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016083.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.3	96.9
227	61.2	31.8	95.4

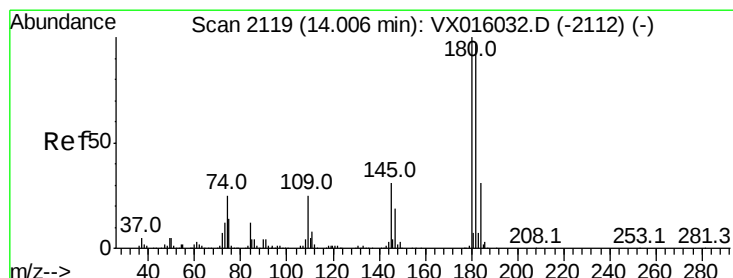
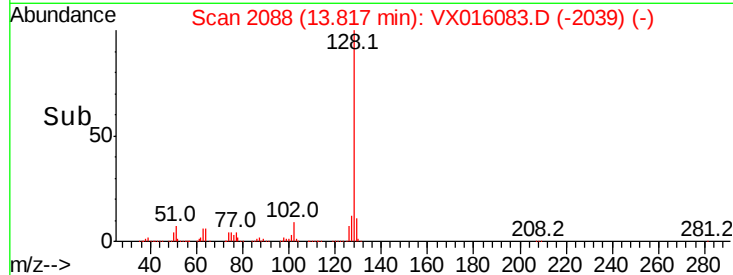
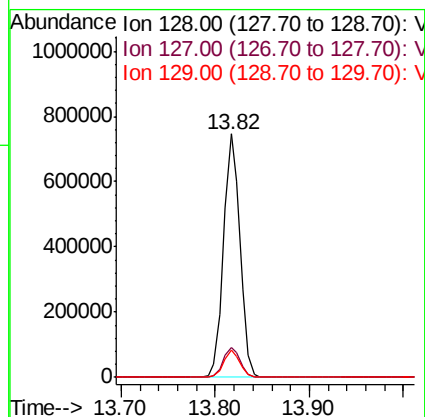
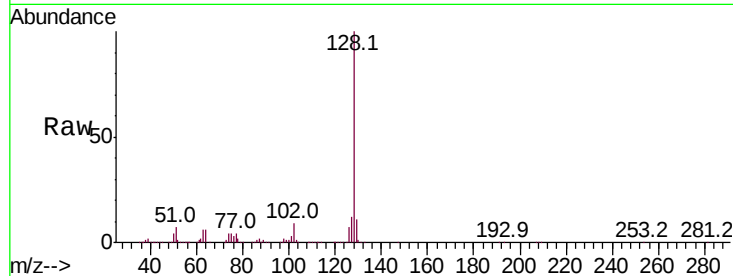




#95
Naphthalene
Concen: 46.590 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 901526
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.368 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016083.D
Acq: 07 May 2020 09:55

Tgt Ion:180 Resp: 288325
Ion Ratio Lower Upper
180 100
182 92.4 48.4 145.0
145 31.2 16.4 49.1

