

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015319.D
 Acq On : 17 Mar 2020 14:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 18 01:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	298289	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.84	114	416512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	201810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	154994	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	5.48	113	147853	56.27	ug/l	-0.01
Spiked Amount			Recovery	=	112.54%	
50) Toluene-d8	8.71	98	526442	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.13	95	205681	57.69	ug/l	0.00
Spiked Amount			Recovery	=	115.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	119213	45.640	ug/l	100
3) Chloromethane	1.31	50	134928	36.467	ug/l	98
4) Vinyl Chloride	1.40	62	142973	38.108	ug/l	98
5) Bromomethane	1.64	94	82860	35.924	ug/l	99
6) Chloroethane	1.72	64	91553	40.680	ug/l	99
7) Trichlorofluoromethane	1.92	101	182182	40.809	ug/l	96
8) Diethyl Ether	2.18	74	82958	41.028	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	129690	46.175	ug/l	99
10) Methyl Iodide	2.50	142	150498	47.428	ug/l	98
11) Tert butyl alcohol	3.04	59	146047	237.868	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124158	42.832	ug/l	97
13) Acrolein	2.28	56	118342	205.099	ug/l	98
14) Allyl chloride	2.72	41	262801	51.995	ug/l	95
15) Acrylonitrile	3.12	53	387410	253.364	ug/l	98
16) Acetone	2.43	43	318187	222.019	ug/l	97
17) Carbon Disulfide	2.56	76	350841	43.583	ug/l	100
18) Methyl Acetate	2.76	43	186179	53.128	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	429886	47.459	ug/l	99
20) Methylene Chloride	2.84	84	158042	47.121	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	141104	45.589	ug/l	99
22) Diisopropyl ether	3.84	45	521205	51.759	ug/l	96
23) Vinyl Acetate	3.79	43	2098518	253.519	ug/l	99
24) 1,1-Dichloroethane	3.68	63	263466	47.141	ug/l	99
25) 2-Butanone	4.65	43	499446	238.043	ug/l	98
26) 2,2-Dichloropropane	4.57	77	206120	46.458	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	168121	48.417	ug/l	100
28) Bromochloromethane	5.00	49	138010	54.229	ug/l	95
29) Tetrahydrofuran	5.11	42	333827	246.825	ug/l	97
30) Chloroform	5.19	83	277073	50.865	ug/l	99
31) Cyclohexane	5.57	56	255204	51.194	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	228822	50.675	ug/l	99
36) 1,1-Dichloropropene	5.78	75	186265	48.375	ug/l	99
37) Ethyl Acetate	4.81	43	207452	58.082	ug/l	99
38) Carbon Tetrachloride	5.77	117	172202	47.379	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	255036	56.724	ug/l	99
40) Benzene	6.13	78	574550	50.294	ug/l	97
41) Methacrylonitrile	5.02	41	121613	56.686	ug/l	97
42) 1,2-Dichloroethane	6.18	62	193691	49.372	ug/l	99
43) Isopropyl Acetate	6.42	43	334444	53.227	ug/l	99
44) Trichloroethene	7.20	130	175645	55.209	ug/l	98
45) 1,2-Dichloropropane	7.50	63	174990	59.179	ug/l	100
46) Dibromomethane	7.65	93	107181	55.629	ug/l	99
47) Bromodichloromethane	7.89	83	217535	57.095	ug/l	97
48) Methyl methacrylate	7.76	41	178645	55.861	ug/l	97
49) 1,4-Dioxane	7.73	88	73114	1057.410	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1009836	271.821	ug/l	100
52) Toluene	8.78	92	400877	57.392	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	238946	58.921	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	220218	48.034	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	164523	57.226	ug/l	97
56) Ethyl methacrylate	9.17	69	251383	61.301	ug/l	97
57) 1,3-Dichloropropane	9.36	76	279479	57.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	605321	270.958	ug/l	99
59) 2-Hexanone	9.48	43	807358	293.205	ug/l	99
60) Dibromochloromethane	9.57	129	172034	56.964	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155558	51.514	ug/l	99
64) Tetrachloroethene	9.33	164	176945	55.701	ug/l	97
65) Chlorobenzene	10.13	112	365404	47.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145895	50.160	ug/l	99
67) Ethyl Benzene	10.24	91	691334	52.780	ug/l	98
68) m/p-Xylenes	10.35	106	536662	107.687	ug/l	100
69) o-Xylene	10.69	106	282553	59.218	ug/l	98
70) Styrene	10.71	104	488976	59.769	ug/l	99
71) Bromoform	10.85	173	129708	57.507	ug/l #	99
73) Isopropylbenzene	11.01	105	747444	57.978	ug/l	100
74) N-amyl acetate	10.89	43	318673	58.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	234202	54.511	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	271590	67.467	ug/l	80
77) Bromobenzene	11.25	156	195509	54.417	ug/l	99
78) n-propylbenzene	11.35	91	865127	58.739	ug/l	99
79) 2-Chlorotoluene	11.42	91	505529	57.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	628391	58.554	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80305	56.616	ug/l	96
82) 4-Chlorotoluene	11.51	91	586719	56.461	ug/l	100
83) tert-Butylbenzene	11.76	119	516167	49.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	590605	54.781	ug/l	99
85) sec-Butylbenzene	11.94	105	682626	54.493	ug/l	100
86) p-Isopropyltoluene	12.06	119	632053	54.765	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	321453	50.896	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	321924	49.370	ug/l	99
89) n-Butylbenzene	12.38	91	568286	55.363	ug/l	100
90) Hexachloroethane	12.59	117	106851	48.972	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	321497	51.199	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45349	52.712	ug/l	99

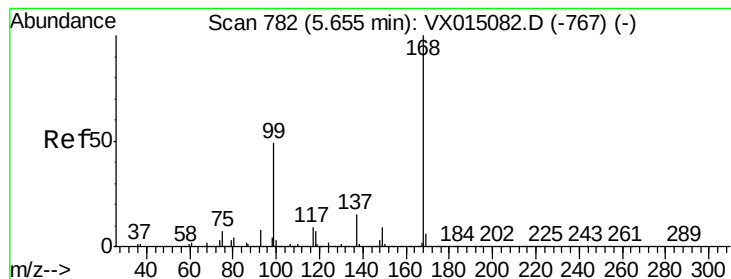
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	255570	58.634	ug/l	99
94) Hexachlorobutadiene	13.77	225	124888	55.837	ug/l	98
95) Naphthalene	13.83	128	721308	53.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	259763	59.731	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.02 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

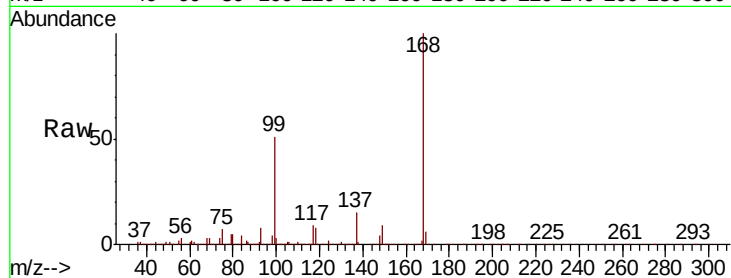
VSTDCCC050EC

Tot Ion:168 Resp: 298289

Ion Ratio Lower Upper

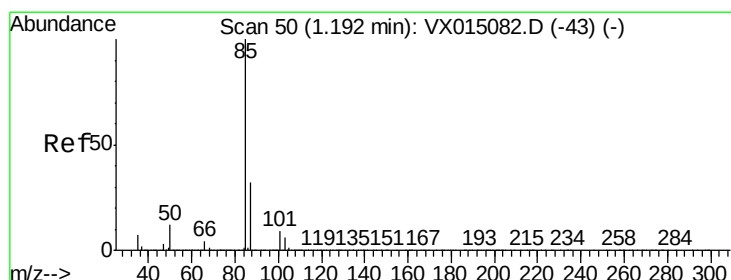
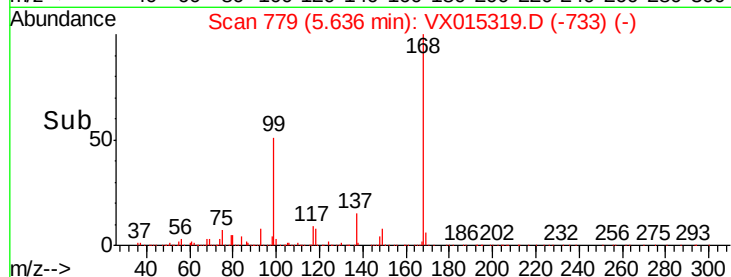
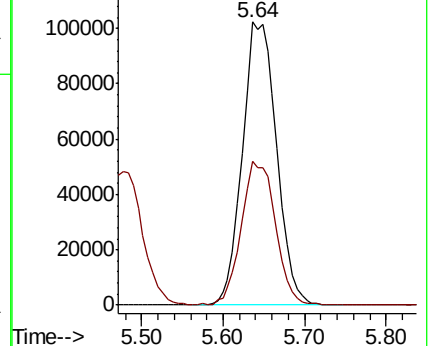
168 100

99 50.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.640 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015319.D

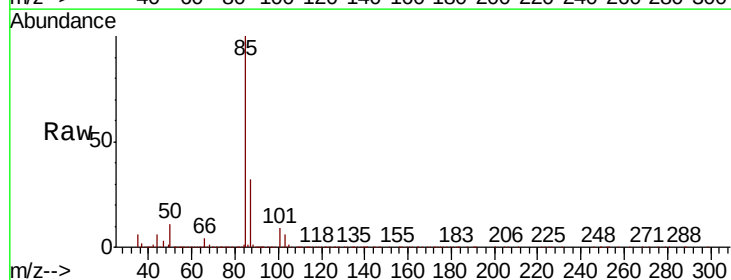
Acq: 17 Mar 2020 14:05

Tgt Ion: 85 Resp: 119213

Ion Ratio Lower Upper

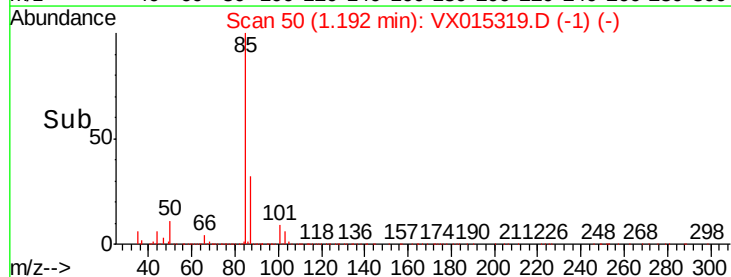
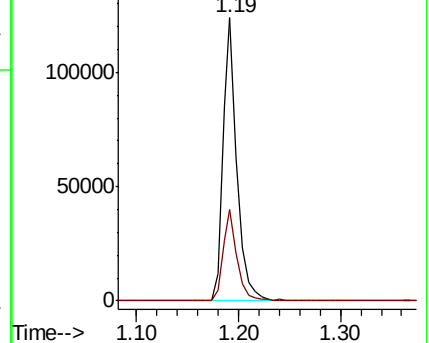
85 100

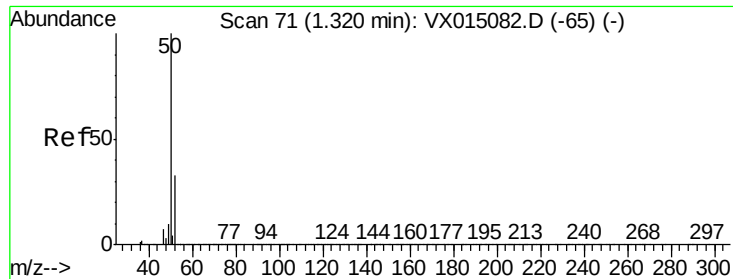
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 36.467 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

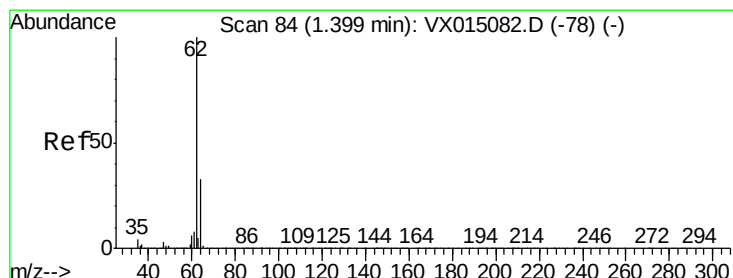
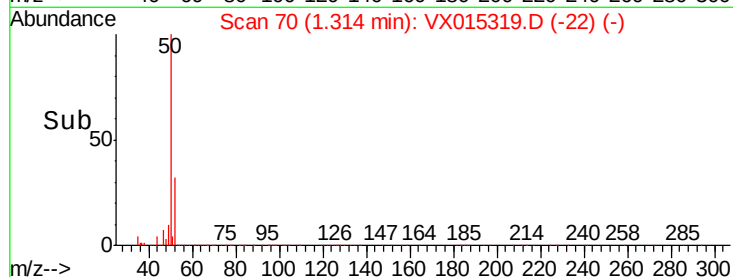
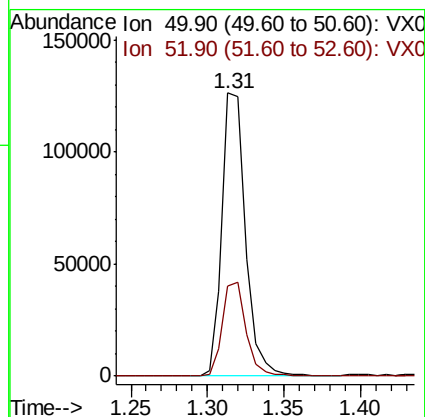
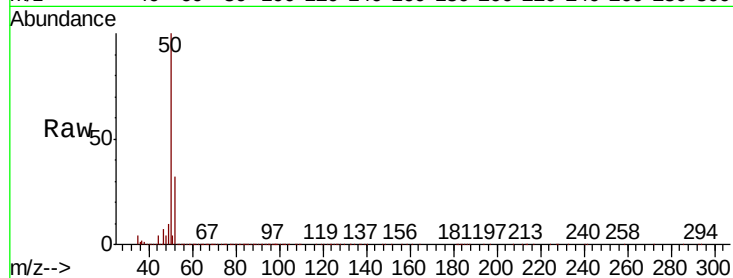
VSTDCCC050EC

Tot Ion: 50 Resp: 134928

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



#4

Vinyl Chloride

Concen: 38.108 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015319.D

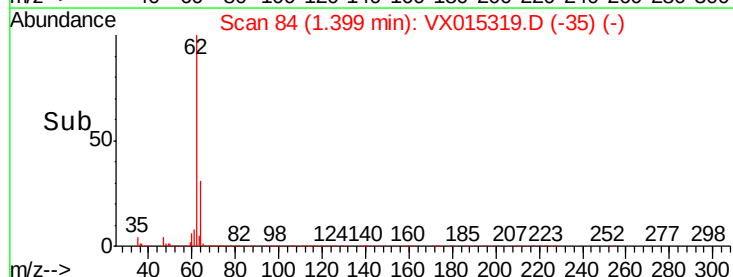
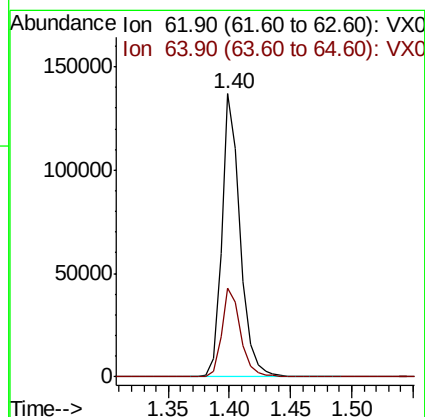
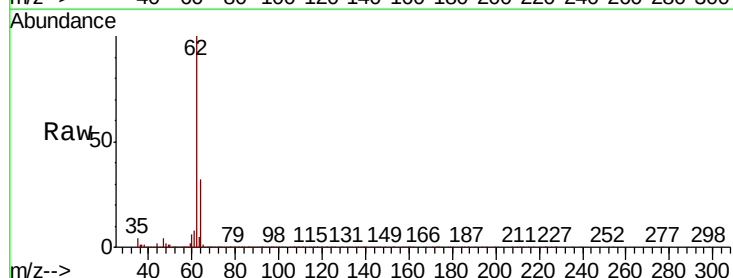
Acq: 17 Mar 2020 14:05

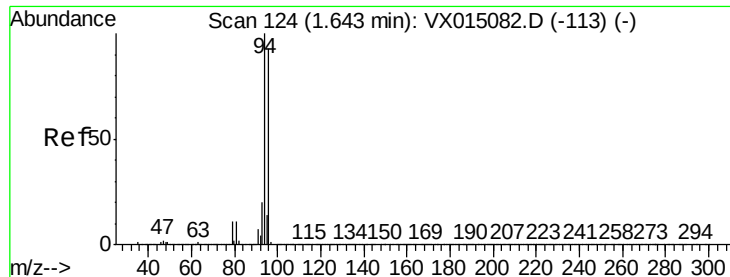
Tgt Ion: 62 Resp: 142973

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





#5

Bromomethane

Concen: 35.924 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

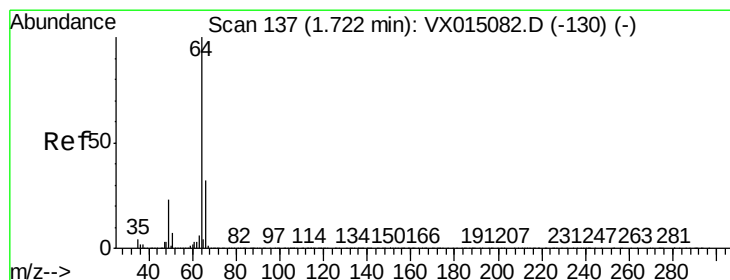
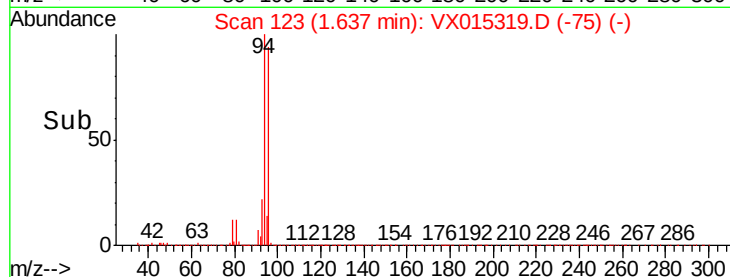
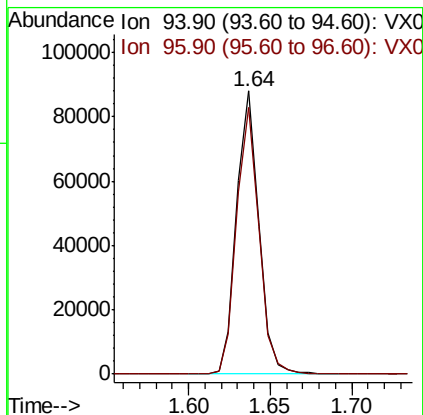
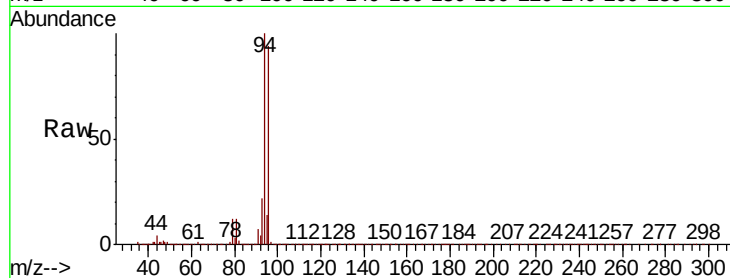
VSTDCCC050EC

Tot Ion: 94 Resp: 82860

Ion Ratio Lower Upper

94 100

96 94.3 74.6 111.8



#6

Chloroethane

Concen: 40.680 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015319.D

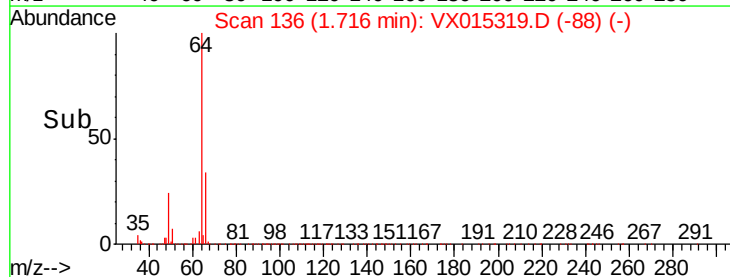
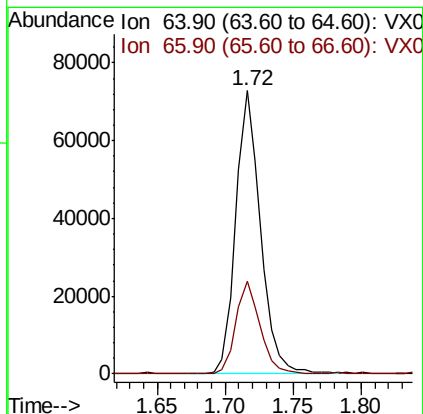
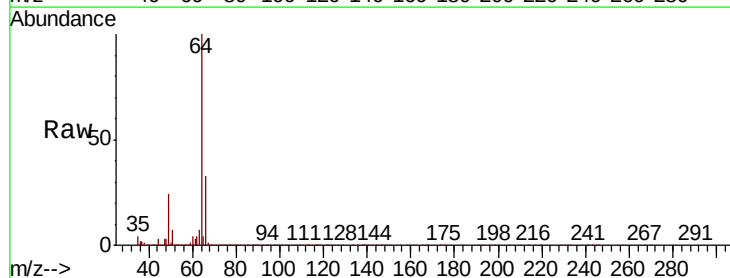
Acq: 17 Mar 2020 14:05

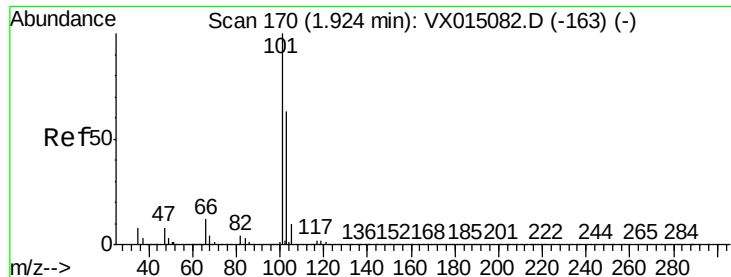
Tgt Ion: 64 Resp: 91553

Ion Ratio Lower Upper

64 100

66 32.7 25.8 38.8



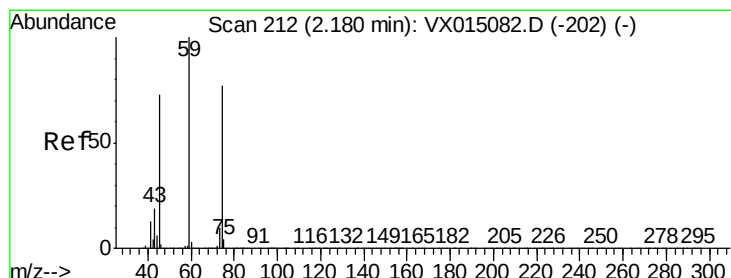
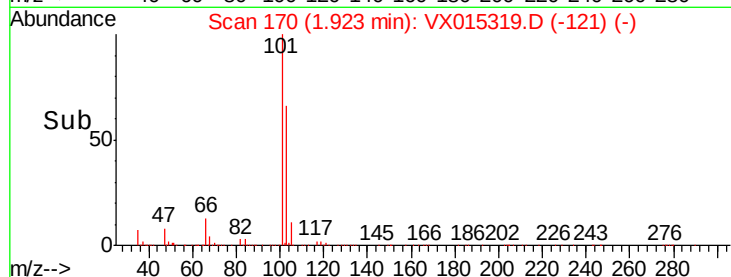
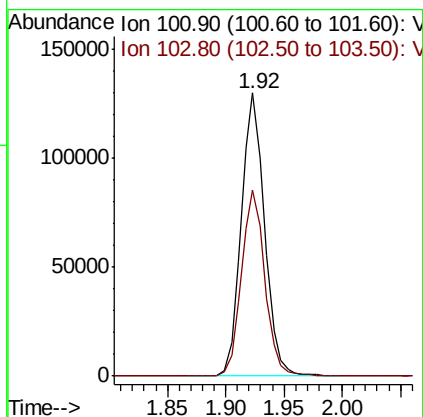
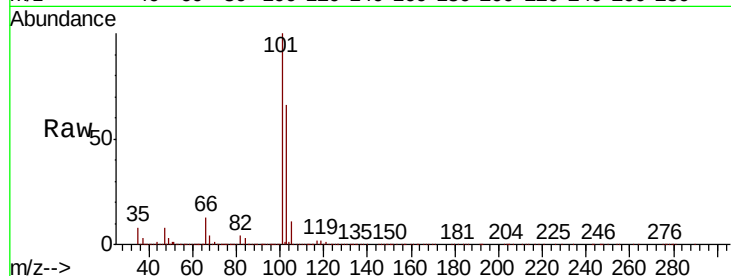


#7

Trichlorofluoromethane
 Concen: 40.809 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

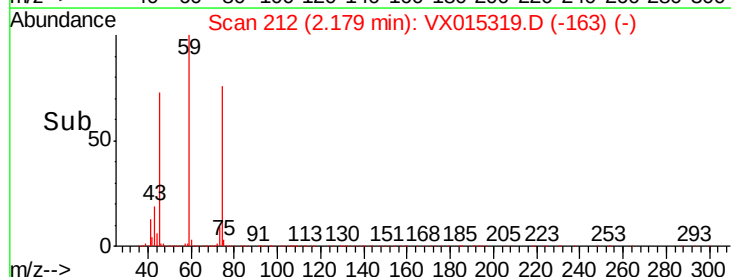
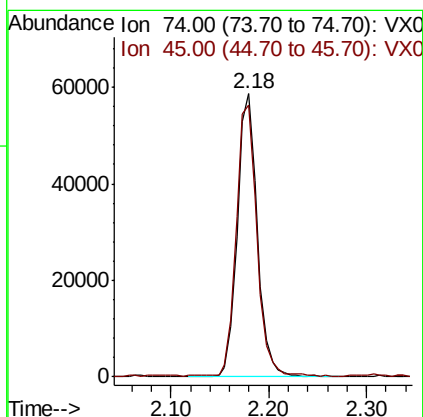
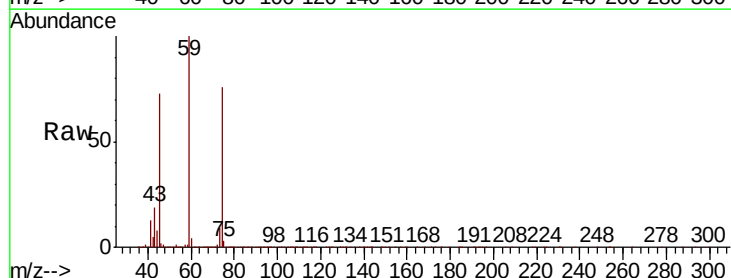
Tot Ion:101 Resp: 182182
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

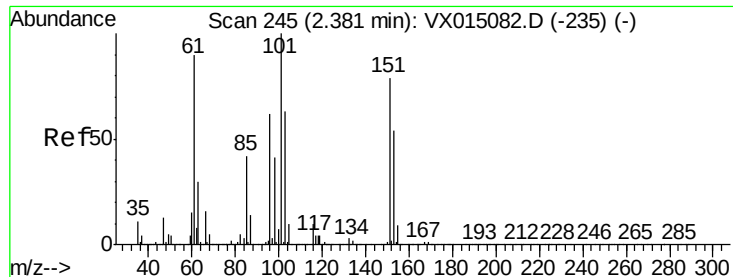


#8

Diethyl Ether
 Concen: 41.028 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion: 74 Resp: 82958
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.175 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

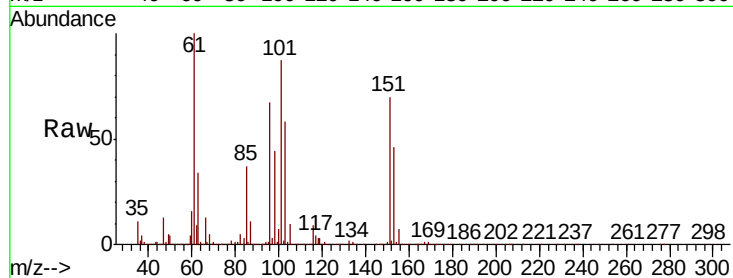
Tot Ion:101 Resp: 129690

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

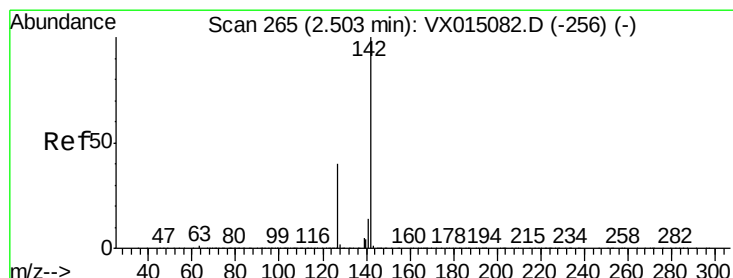
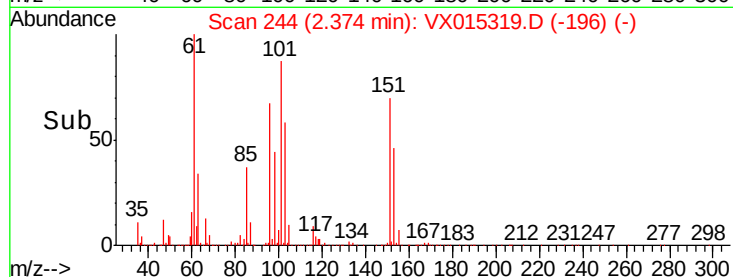
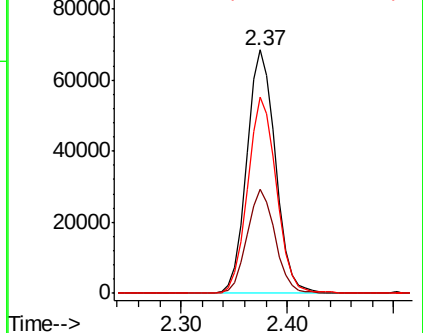
151 80.6 64.0 96.0



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: 47.428 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

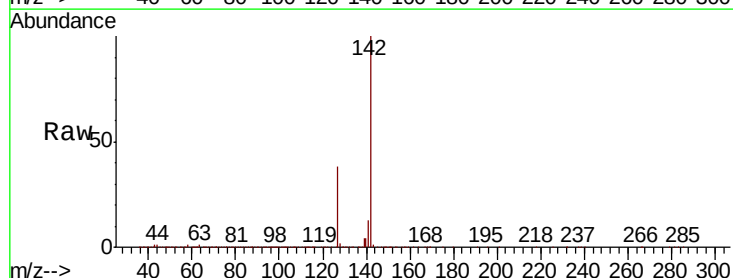
Tgt Ion:142 Resp: 150498

Ion Ratio Lower Upper

142 100

127 38.3 31.7 47.5

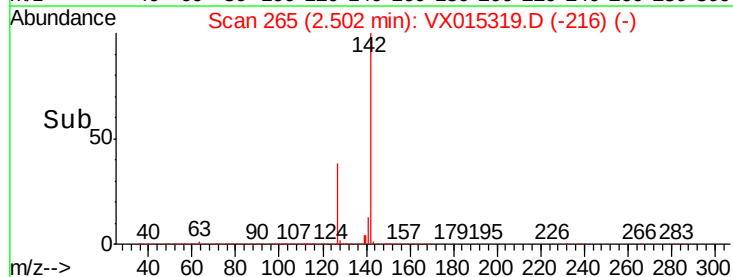
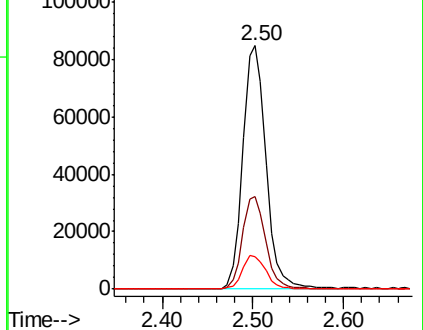
141 14.3 11.3 16.9

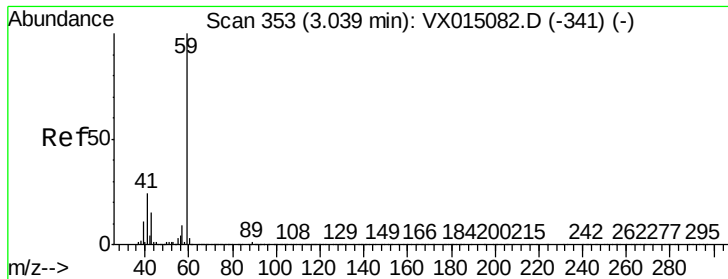


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

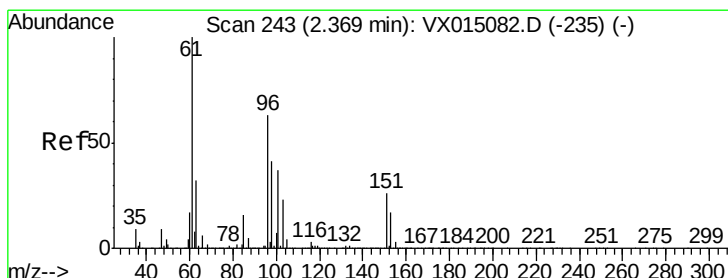
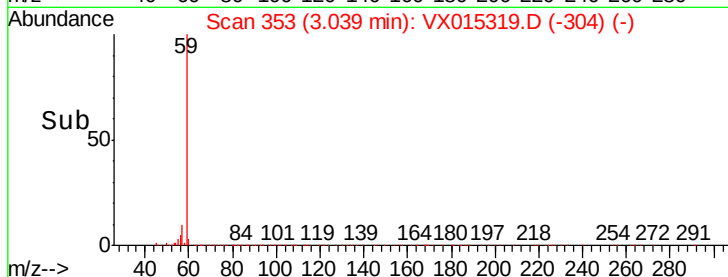
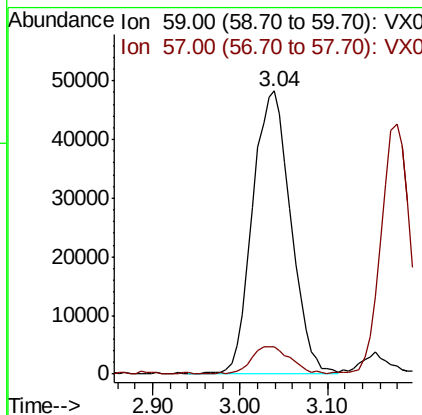
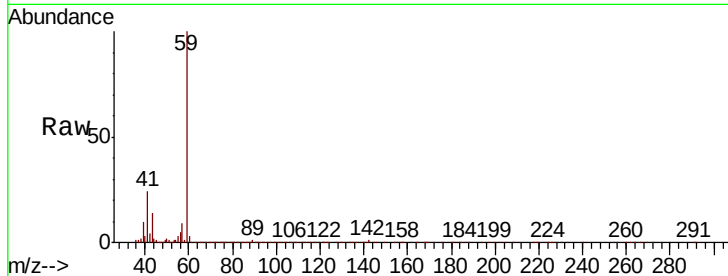




#11
Tert butyl alcohol
Concen: 237.868 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

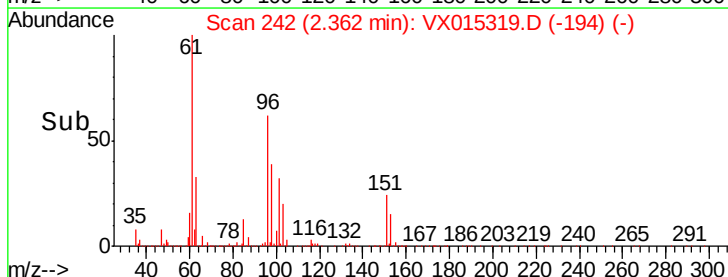
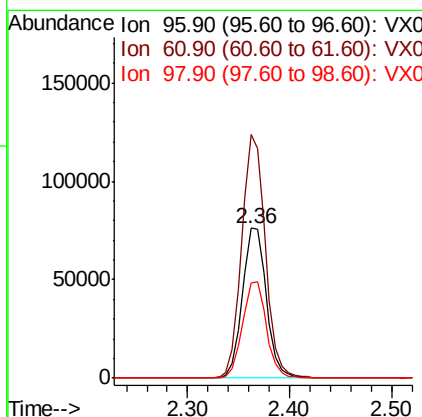
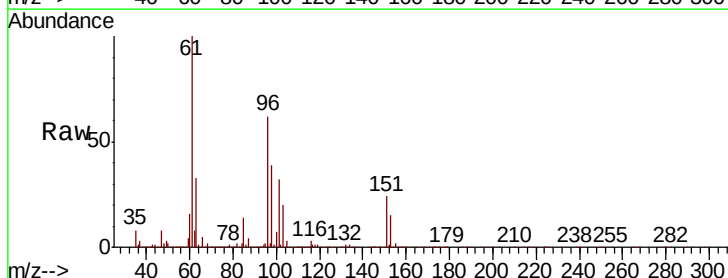
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

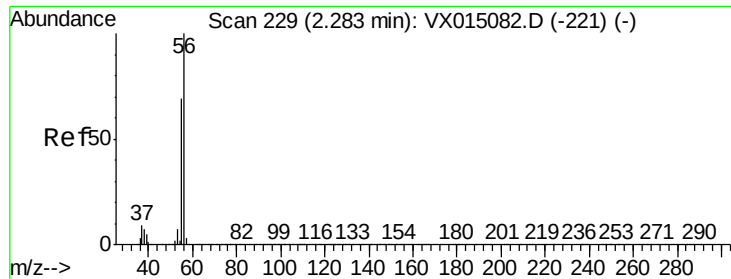
Tot Ion: 59 Resp: 146047
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 42.832 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 96 Resp: 124158
Ion Ratio Lower Upper
96 100
61 162.4 126.2 189.4
98 63.3 51.4 77.0

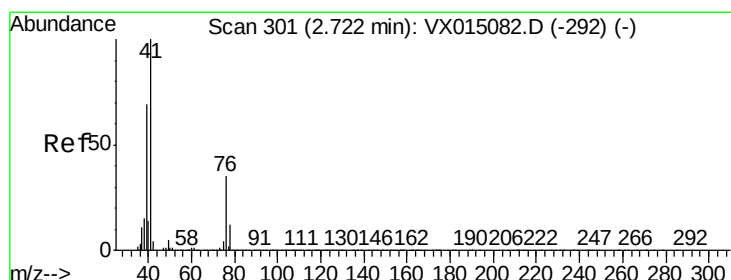
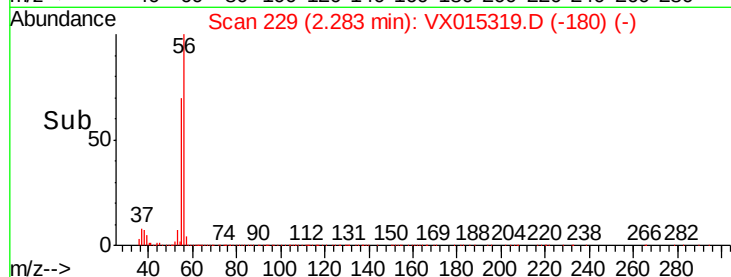
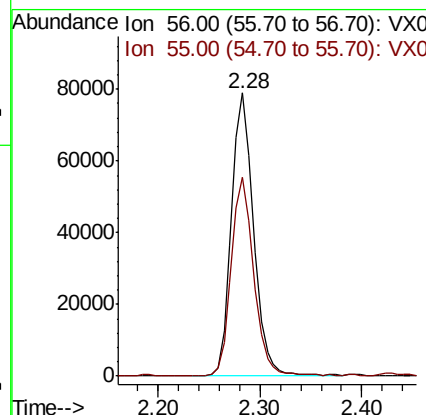
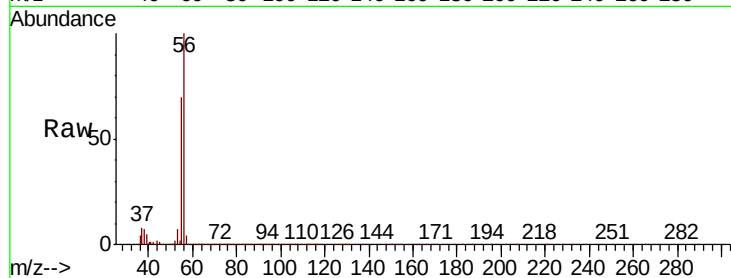




#13
Acrolein
Concen: 205.099 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

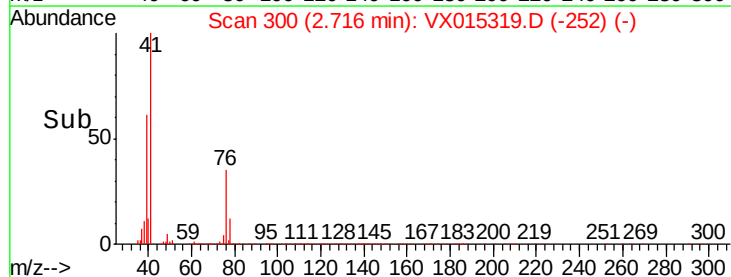
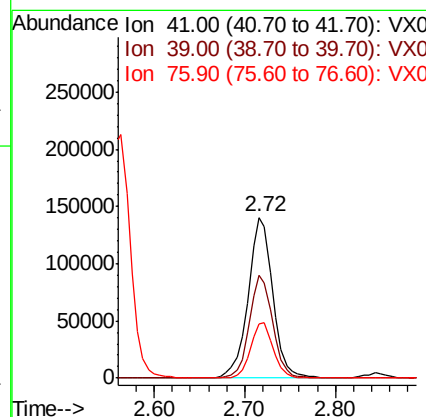
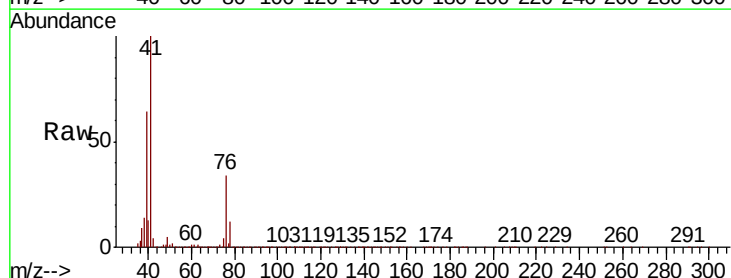
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

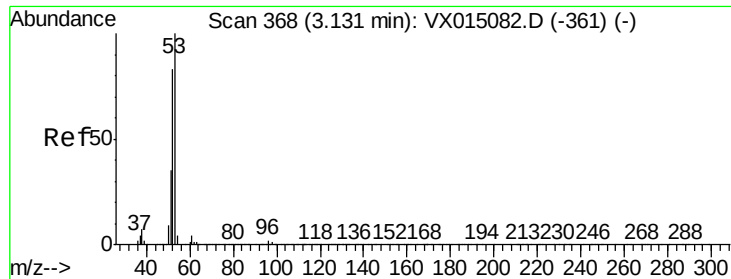
Tot Ion: 56 Resp: 118342
Ion Ratio Lower Upper
56 100
55 70.8 55.4 83.0



#14
Allyl chloride
Concen: 51.995 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 41 Resp: 262801
Ion Ratio Lower Upper
41 100
39 60.9 52.9 79.3
76 31.6 26.8 40.2





#15

Acrylonitrile

Concen: 253.364 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

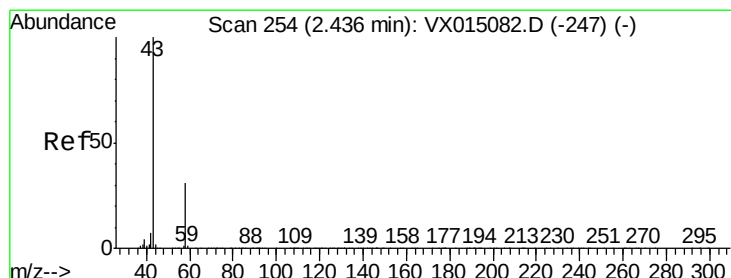
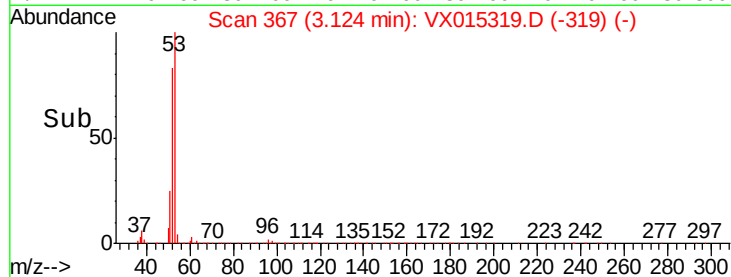
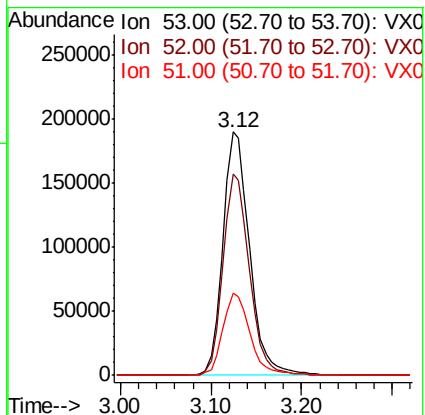
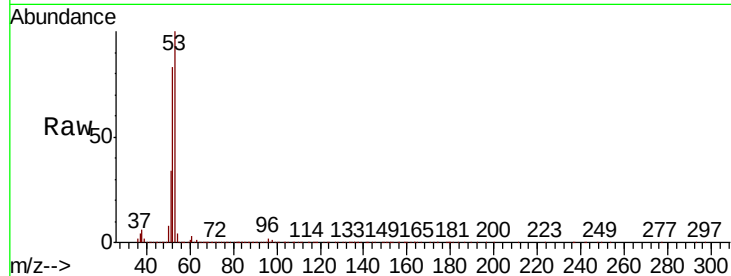
Tot Ion: 53 Resp: 387410

Ion Ratio Lower Upper

53 100

52 82.0 66.6 100.0

51 34.4 29.0 43.6



#16

Acetone

Concen: 222.019 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015319.D

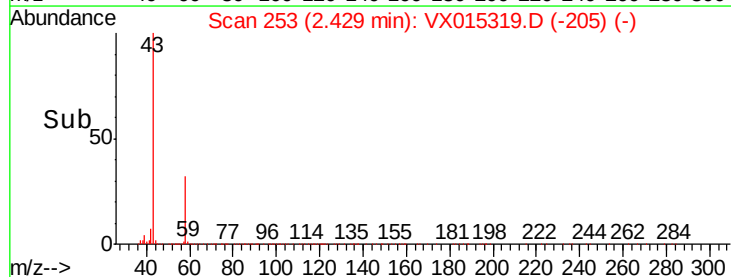
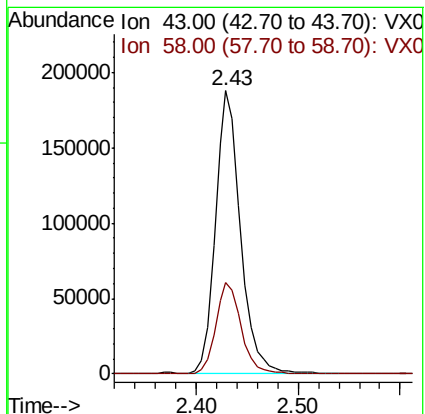
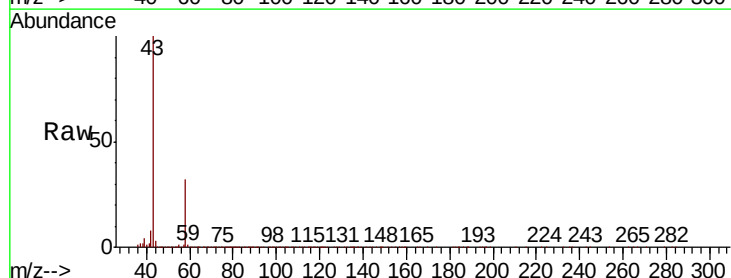
Acq: 17 Mar 2020 14:05

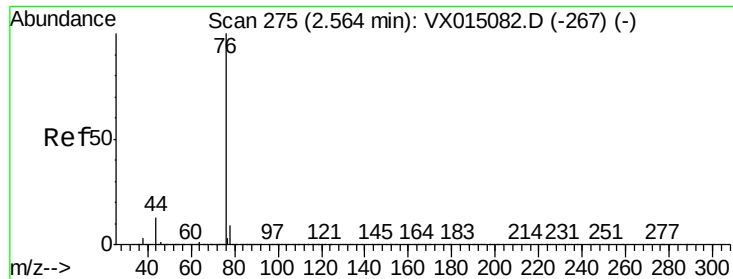
Tgt Ion: 43 Resp: 318187

Ion Ratio Lower Upper

43 100

58 32.4 24.8 37.2

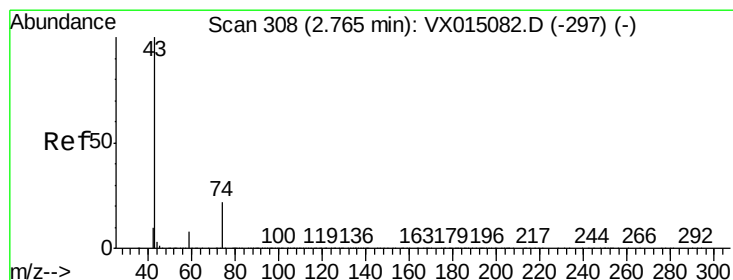
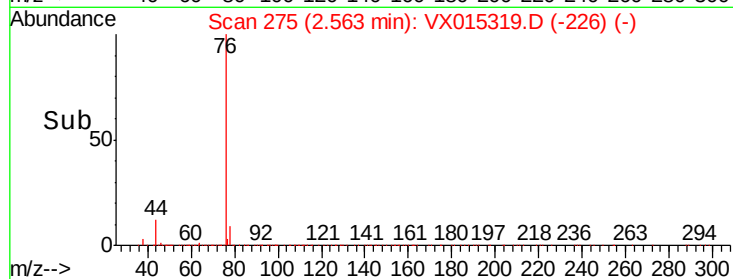
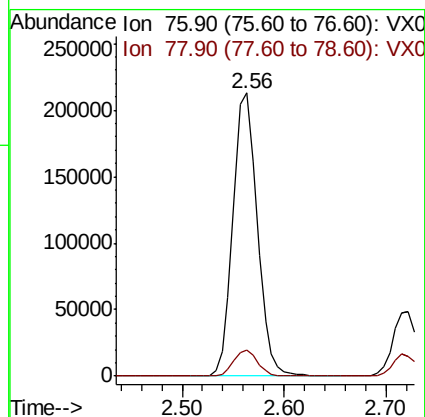
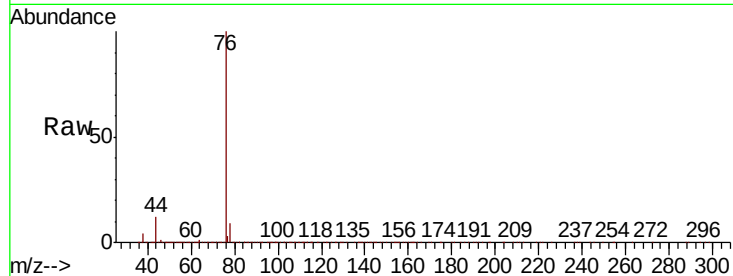




#17
Carbon Disulfide
Concen: 43.583 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

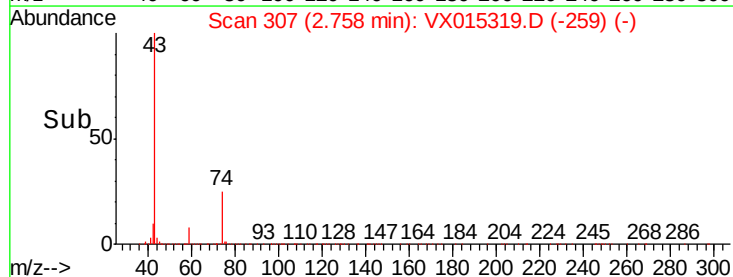
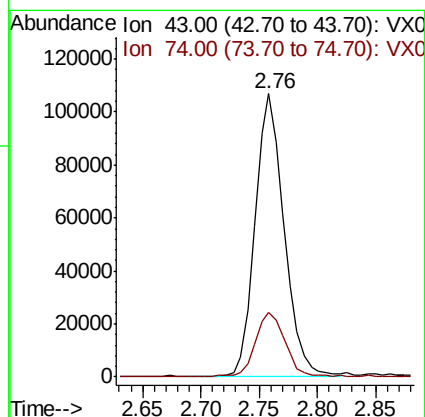
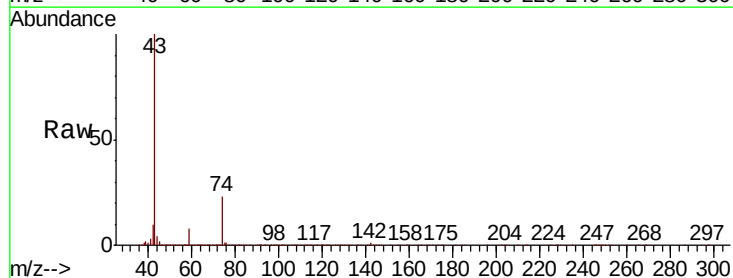
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

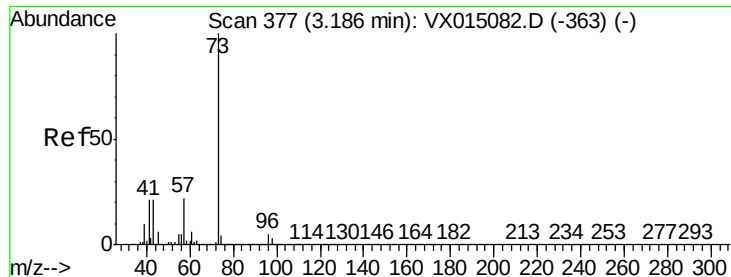
Tot Ion: 76 Resp: 350841
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 53.128 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 43 Resp: 186179
Ion Ratio Lower Upper
43 100
74 23.7 18.8 28.2

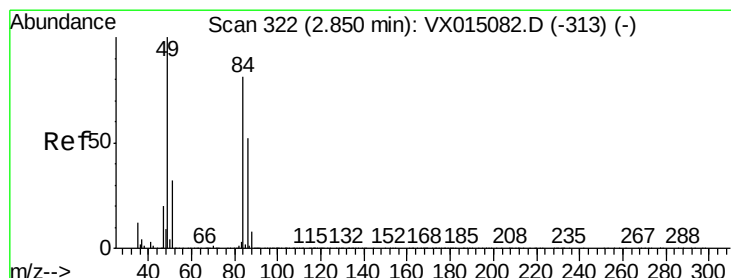
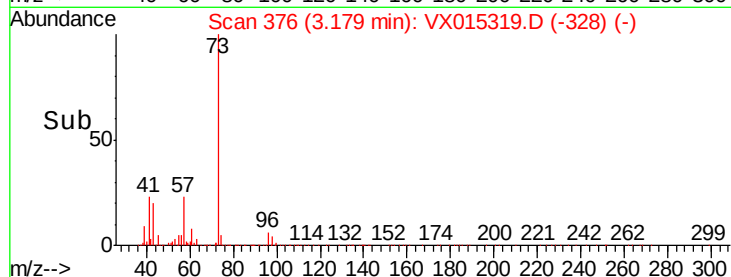
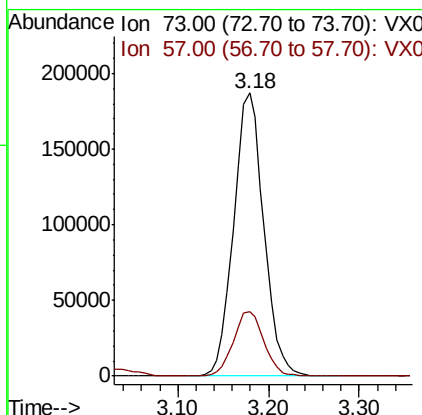
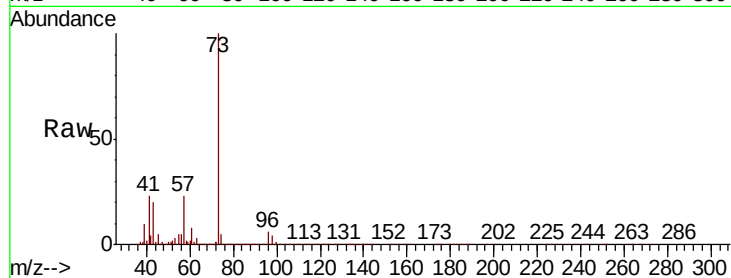




#19
Methyl tert-butyl Ether
Concen: 47.459 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

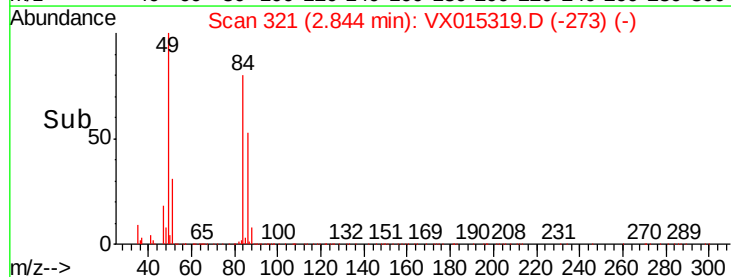
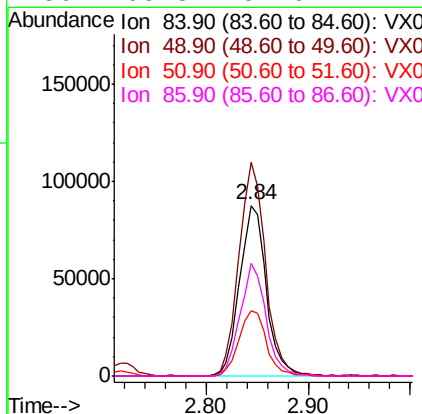
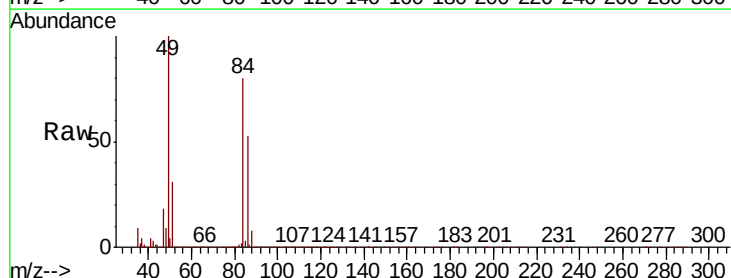
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

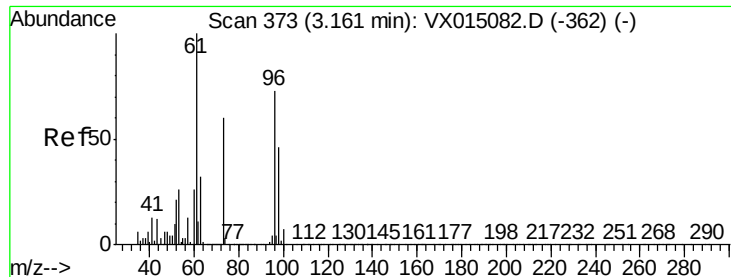
Tot Ion: 73 Resp: 429886
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 47.121 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 84 Resp: 158042
Ion Ratio Lower Upper
84 100
49 125.3 99.4 149.2
51 38.3 31.5 47.3
86 65.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.589 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

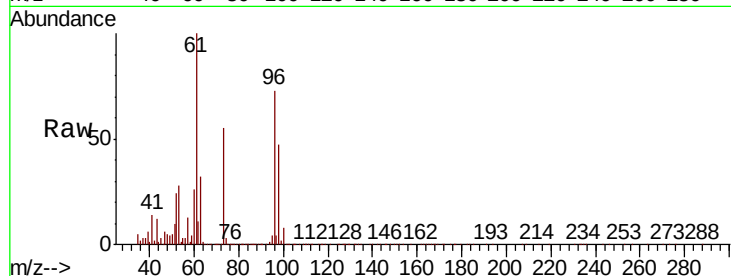
Tot Ion: 96 Resp: 141104

Ion Ratio Lower Upper

96 100

61 137.6 109.9 164.9

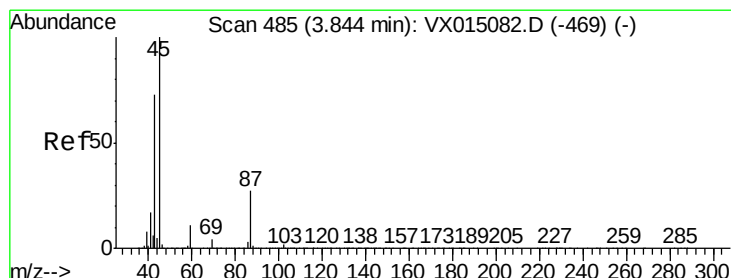
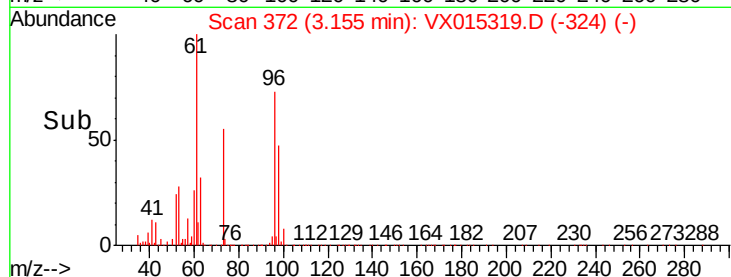
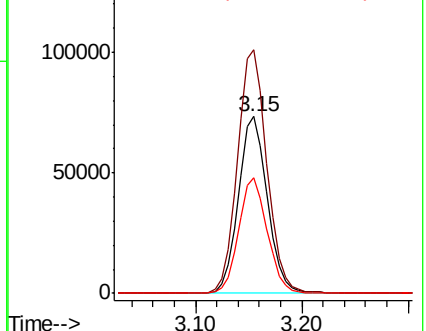
98 65.3 50.2 75.2



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: 51.759 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Tgt Ion: 45 Resp: 521205

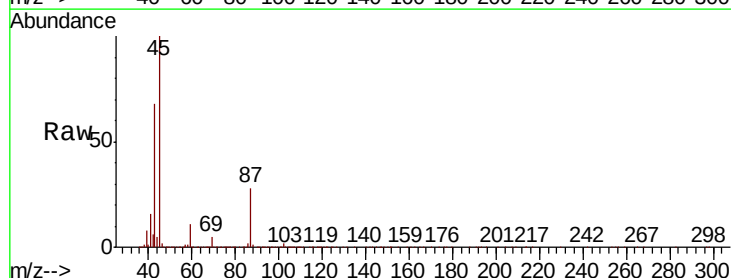
Ion Ratio Lower Upper

45 100

43 68.5 58.2 87.2

87 27.5 21.2 31.8

59 11.0 8.9 13.3

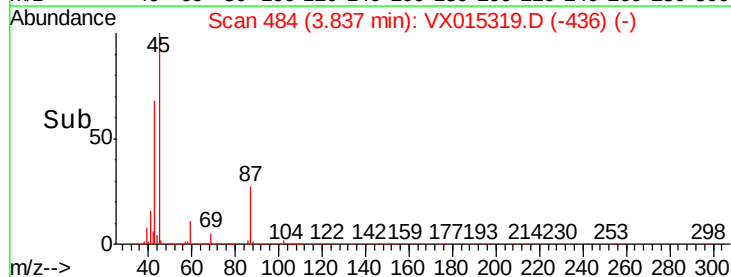
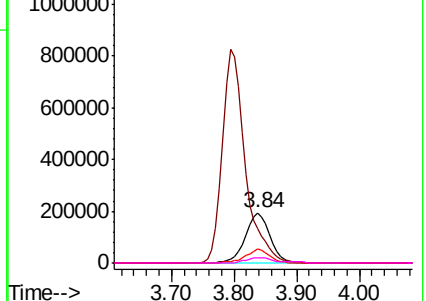


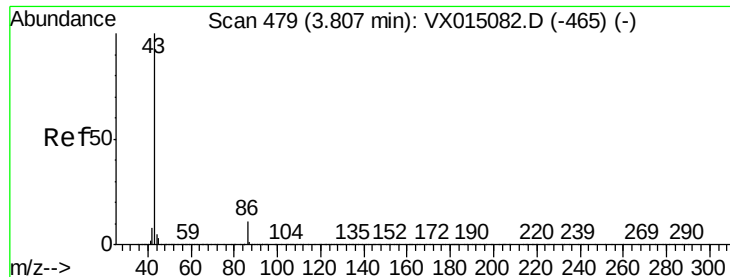
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 253.519 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

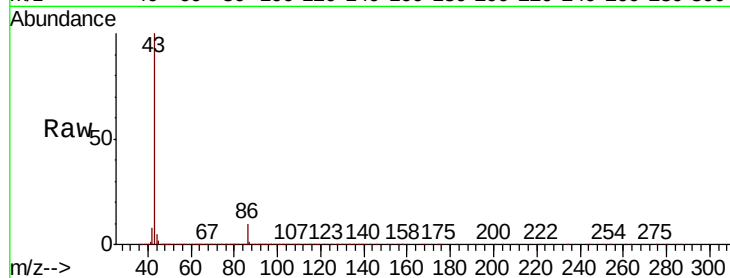
VSTDCCC050EC

Tot Ion: 43 Resp: 2098518

Ion Ratio Lower Upper

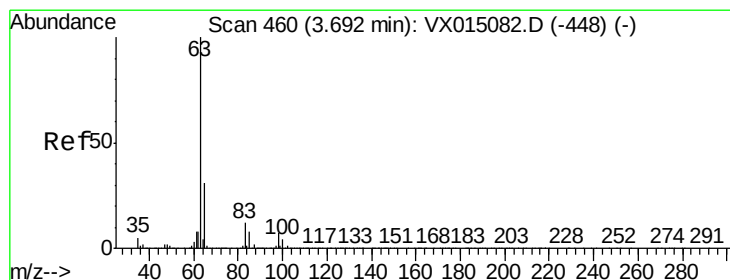
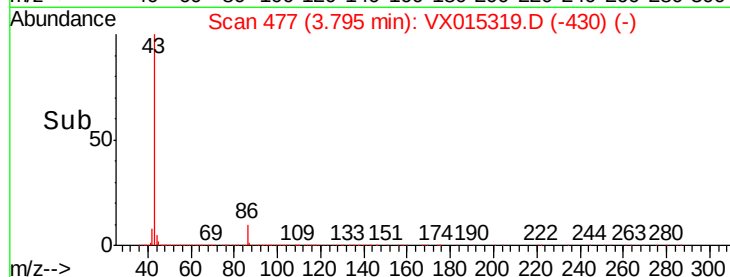
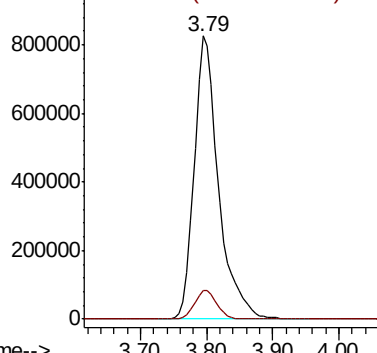
43 100

86 10.2 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.141 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

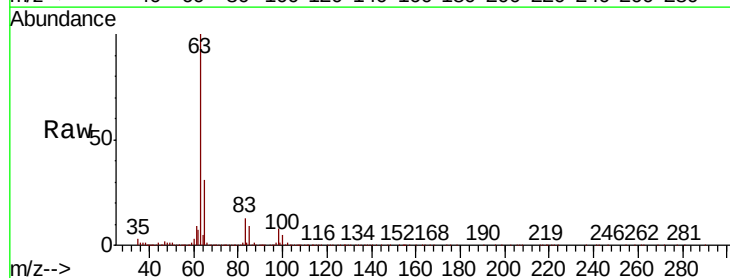
Tgt Ion: 63 Resp: 263466

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

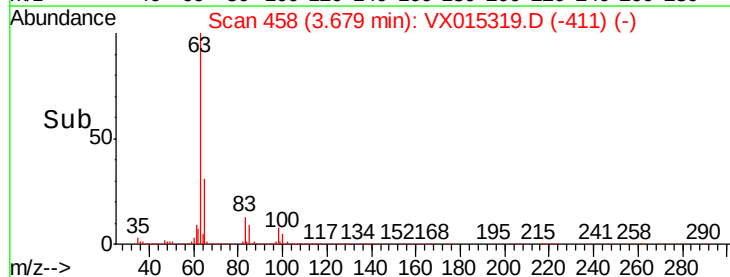
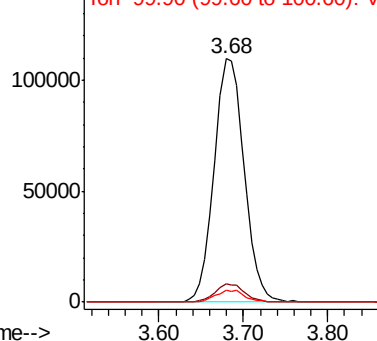
100 4.7 2.1 6.5

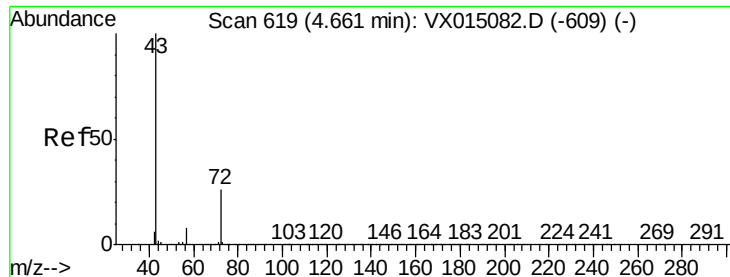


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

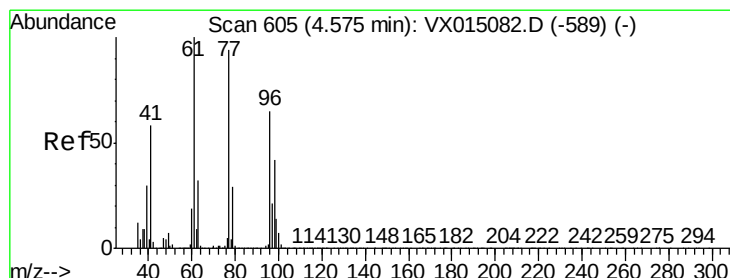
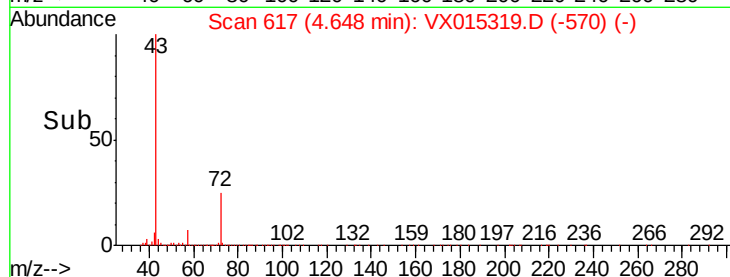
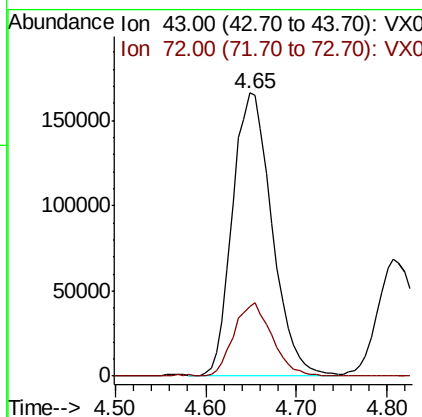
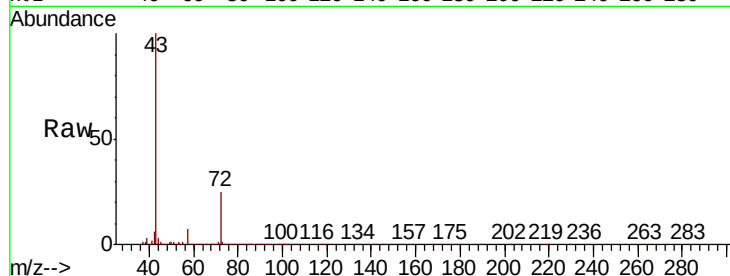




#25
2-Butanone
Concen: 238.043 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

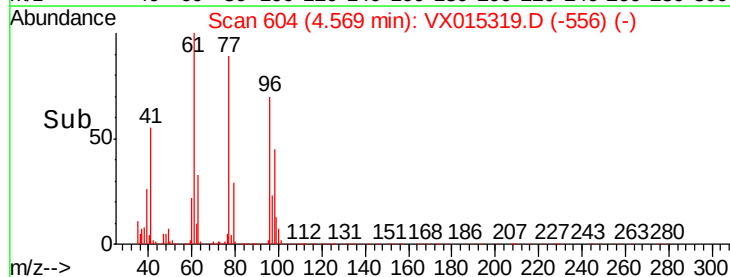
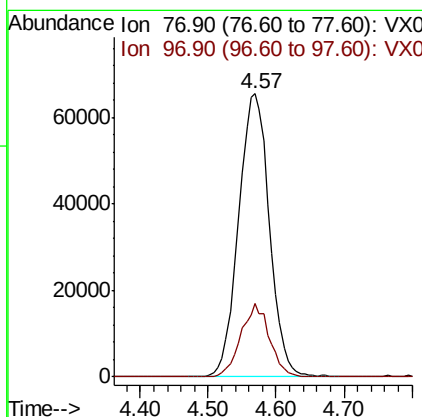
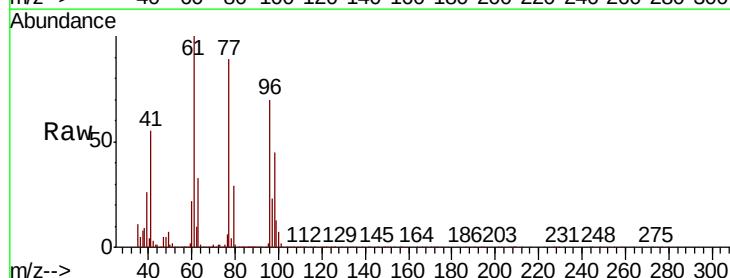
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

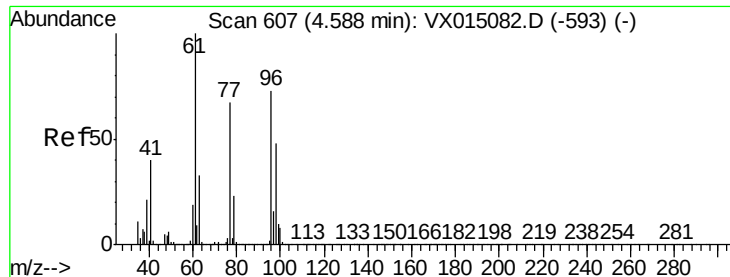
Tot Ion: 43 Resp: 499446
Ion Ratio Lower Upper
43 100
72 24.6 20.6 30.8



#26
2,2-Dichloropropane
Concen: 46.458 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 77 Resp: 206120
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4



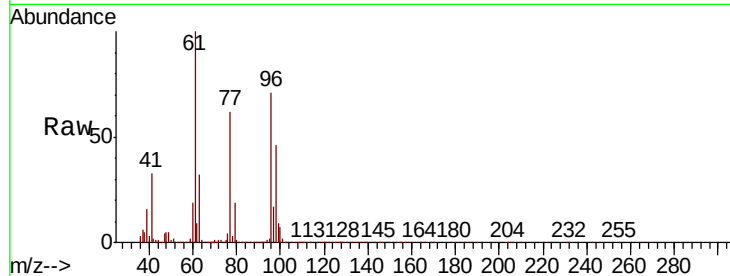


#27

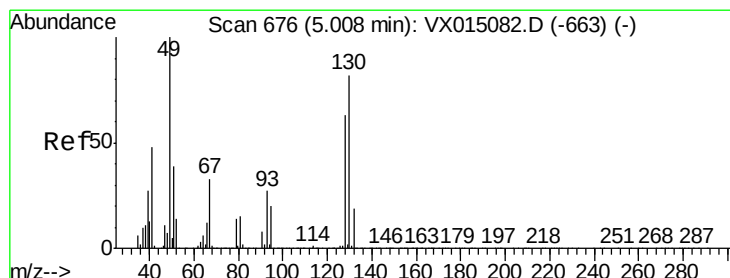
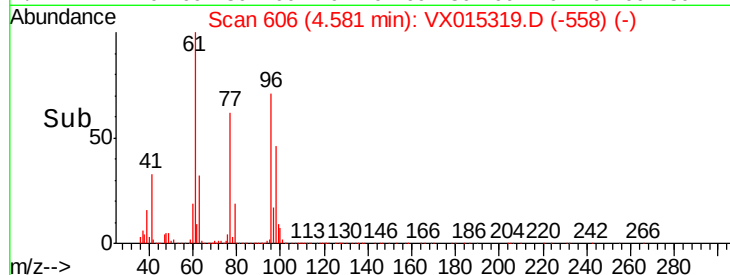
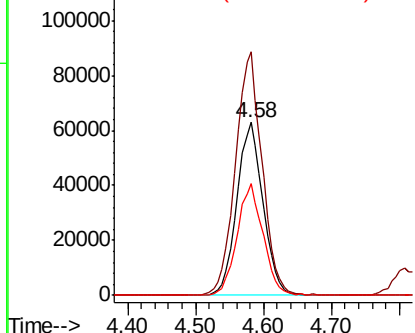
cis-1,2-Dichloroethene
Concen: 48.417 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	286.8
98	63.8	0.0	128.4



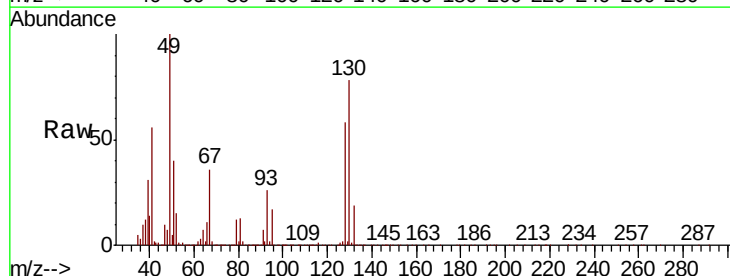
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



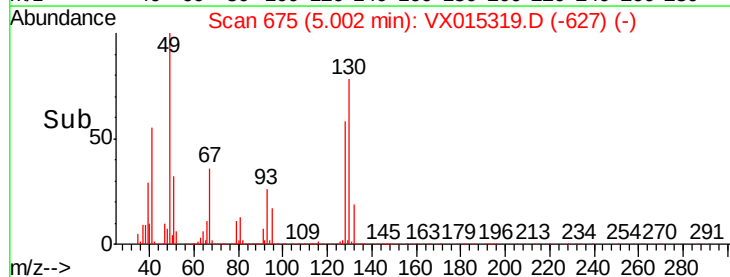
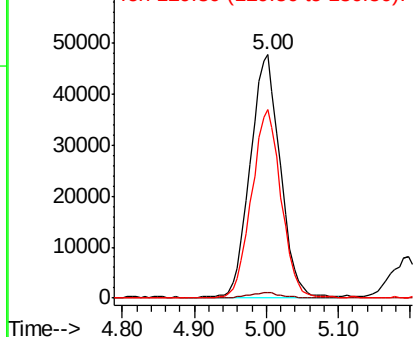
#28

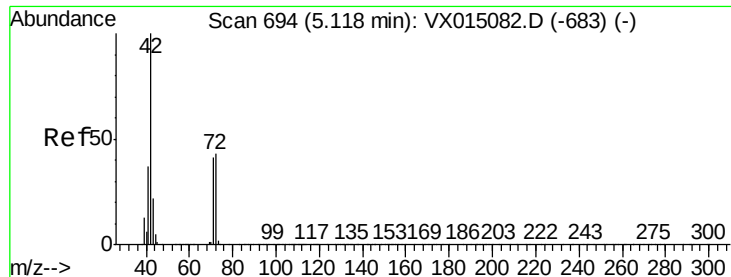
Bromochloromethane
Concen: 54.229 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.8	65.0	97.6



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





#29

Tetrahydrofuran

Concen: 246.825 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

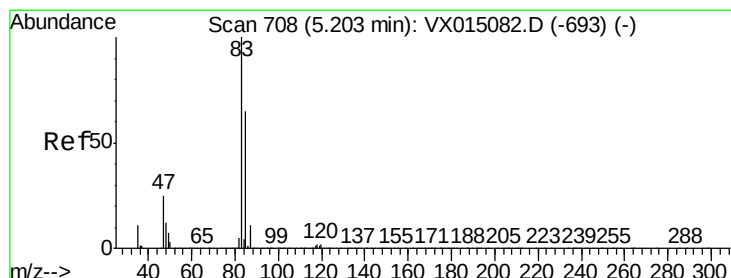
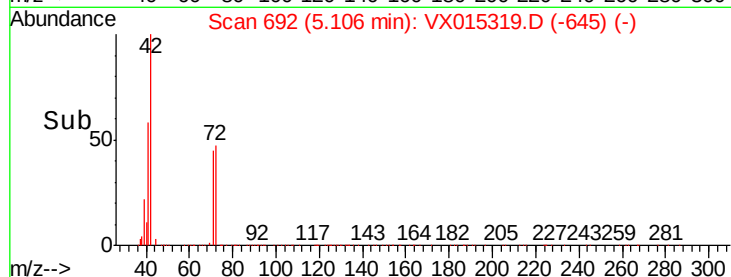
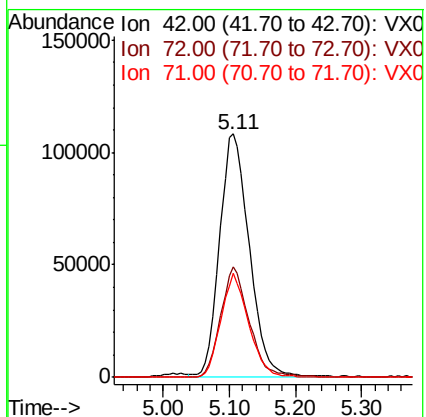
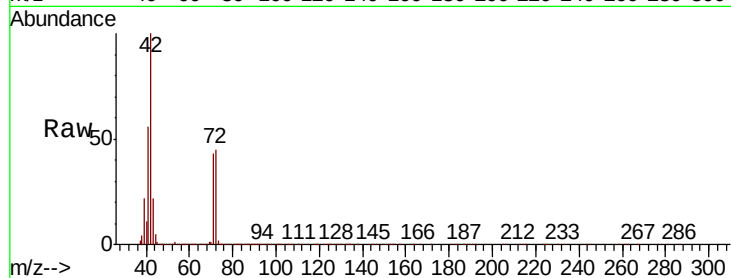
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 333827

Ion	Ratio	Lower	Upper
42	100		
72	43.5	36.4	54.6
71	40.3	33.3	49.9



#30

Chloroform

Concen: 50.865 ug/l

RT: 5.19 min Scan# 706

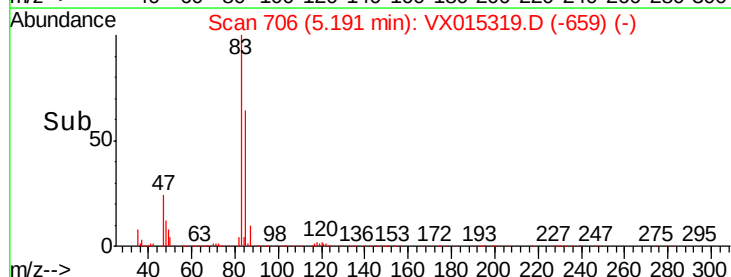
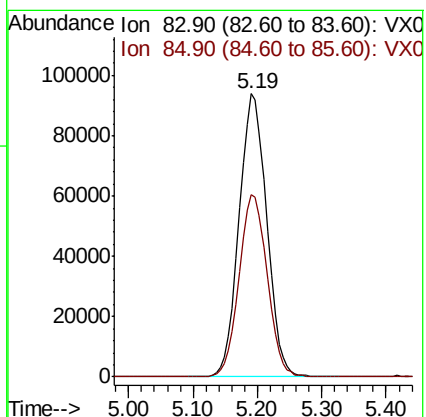
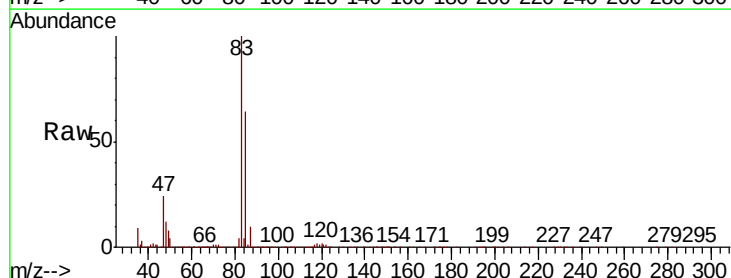
Delta R.T. -0.01 min

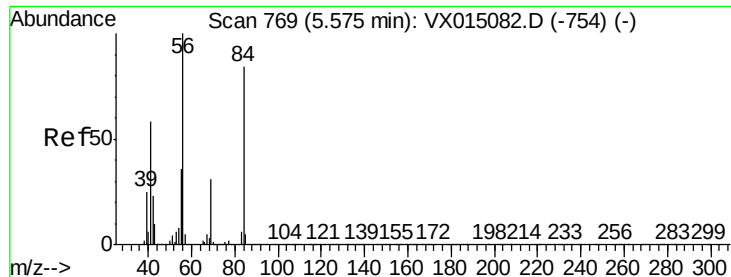
Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Tgt Ion: 83 Resp: 277073

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0

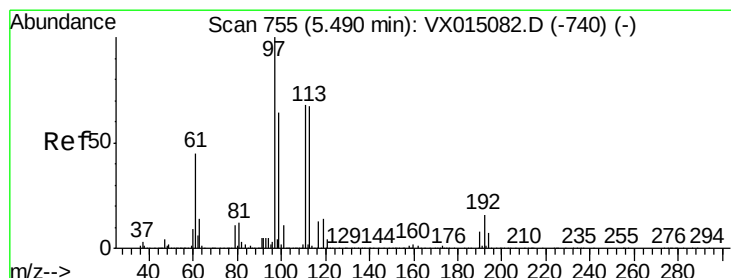
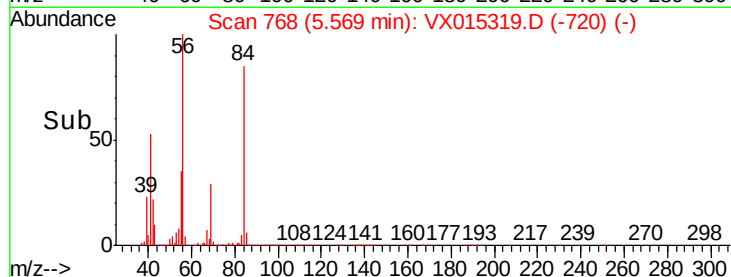
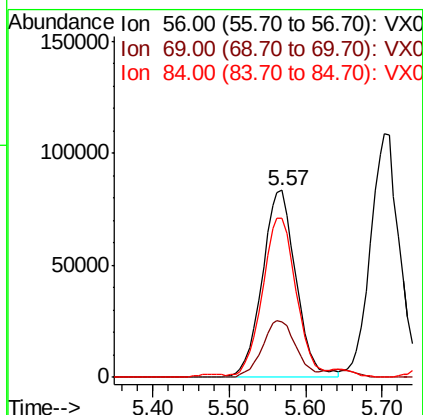
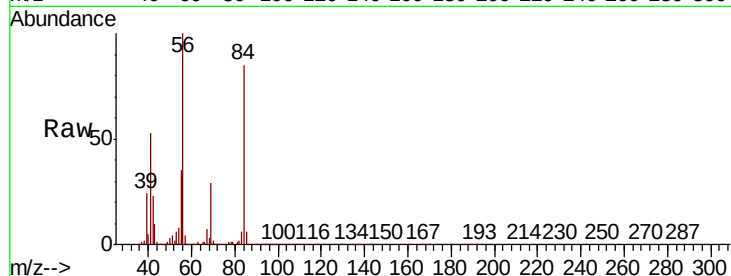




#31
Cyclohexane
Concen: 51.194 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

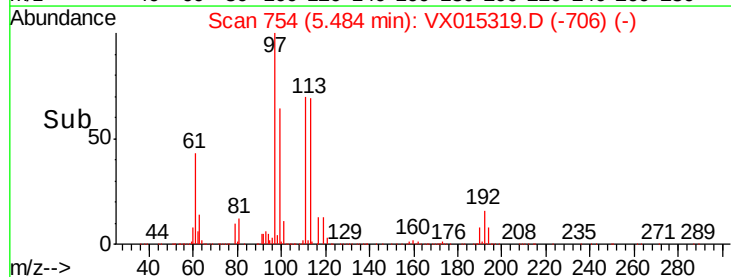
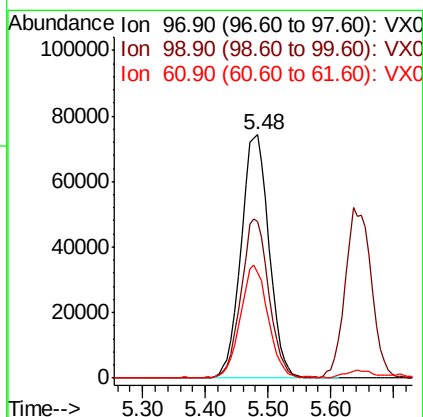
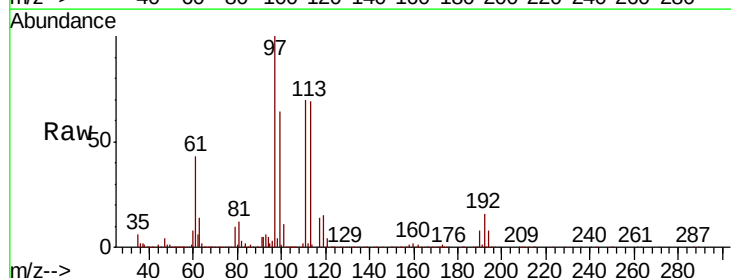
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

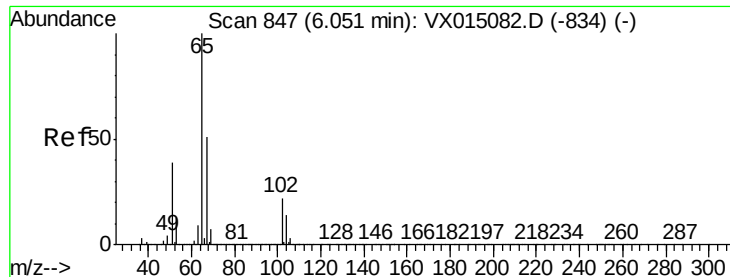
Tot Ion: 56 Resp: 255204
Ion Ratio Lower Upper
56 100
69 29.5 25.0 37.6
84 84.4 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 50.675 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 97 Resp: 228822
Ion Ratio Lower Upper
97 100
99 64.8 52.8 79.2
61 45.6 36.6 54.8

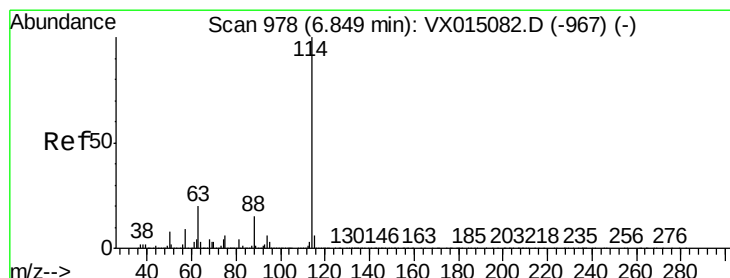
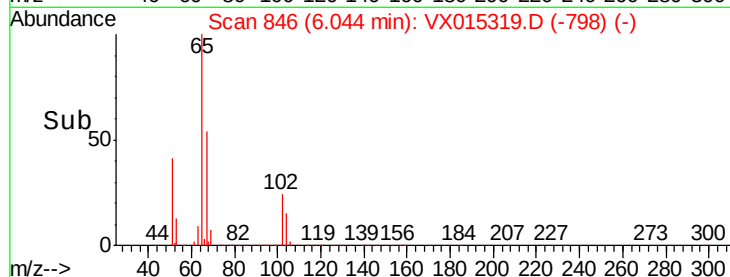
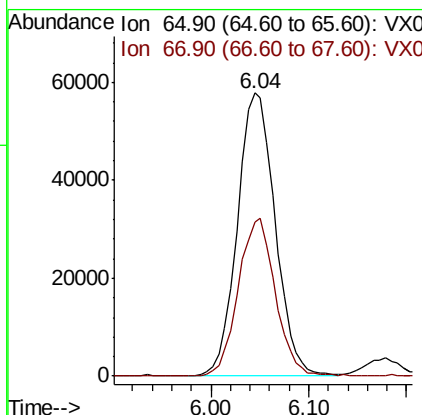
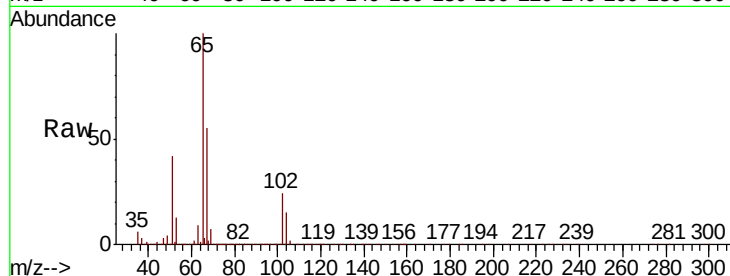




#33
 1,2-Dichloroethane-d4
 Concen: 43.798 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

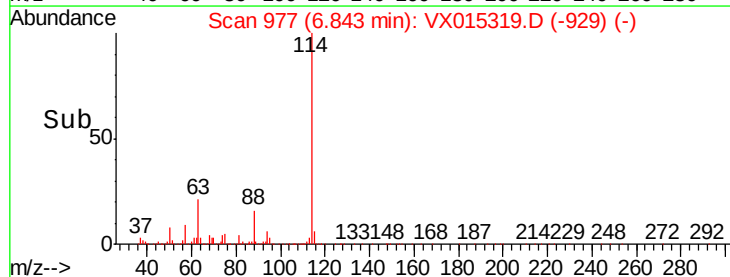
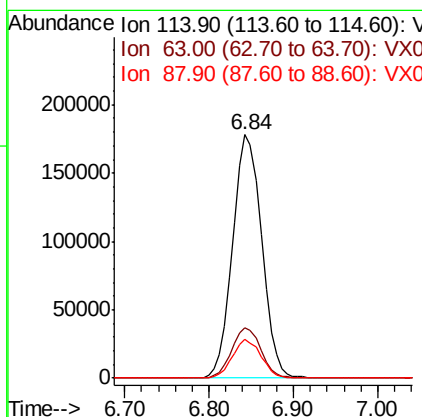
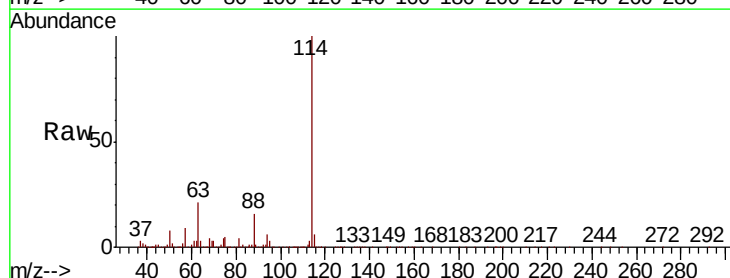
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

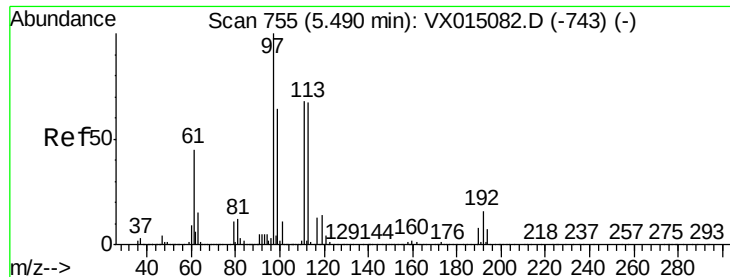
Tot Ion: 65 Resp: 154994
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion: 114 Resp: 416512
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.8 0.0 30.6

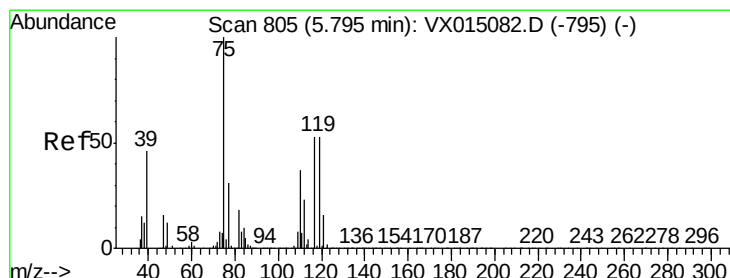
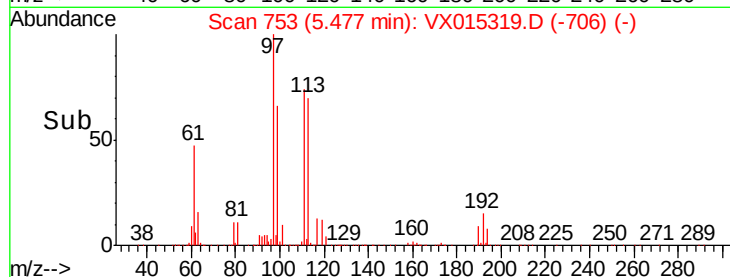
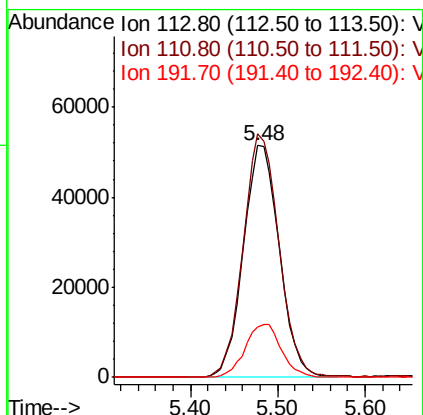
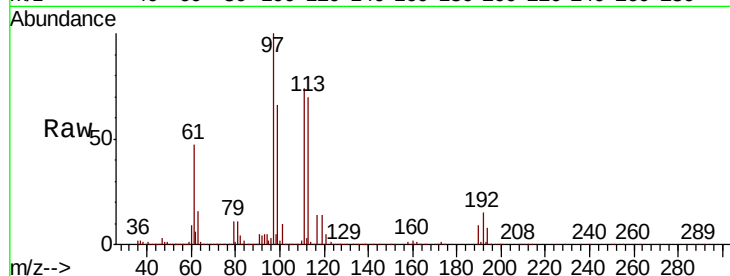




#35
Dibromofluoromethane
Concen: 56.268 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

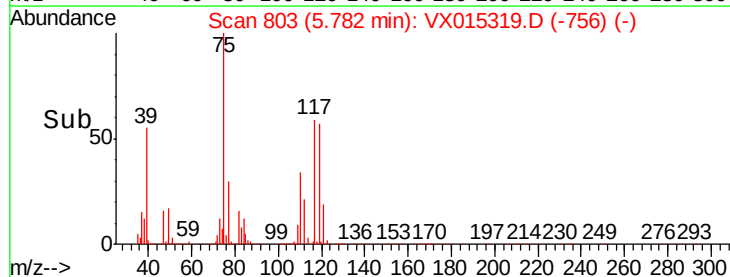
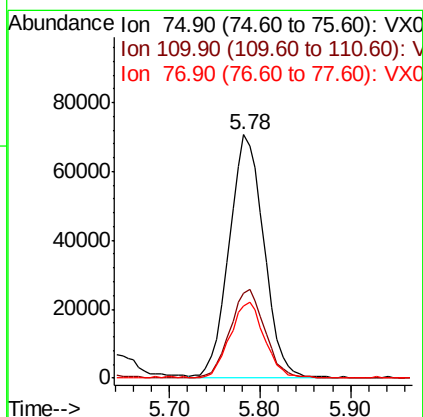
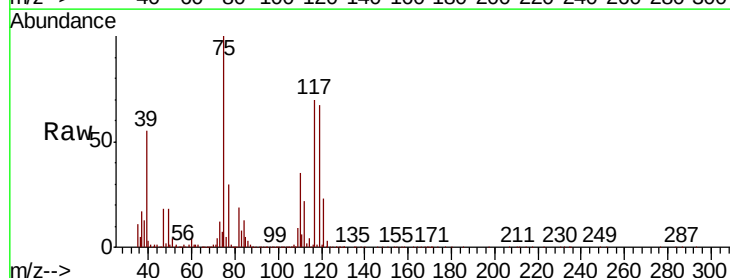
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

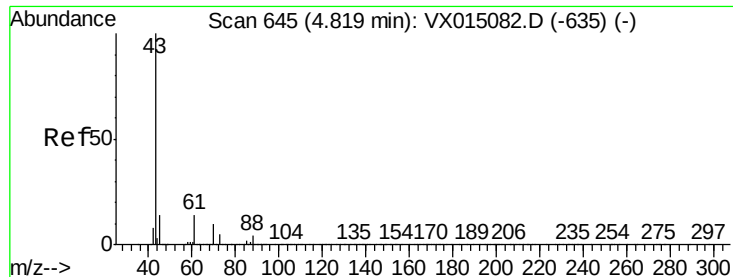
Tot Ion:113 Resp: 147853
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 23.1 18.6 28.0



#36
1,1-Dichloropropene
Concen: 48.375 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 75 Resp: 186265
Ion Ratio Lower Upper
75 100
110 36.5 17.9 53.8
77 30.8 24.8 37.2

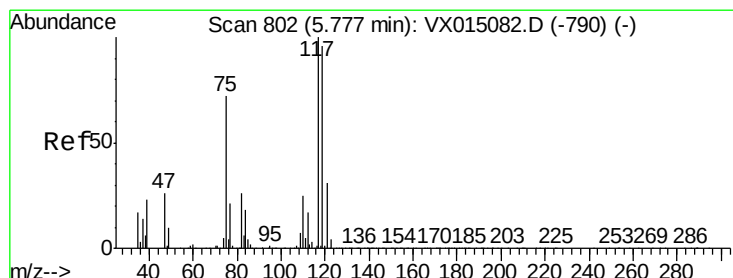
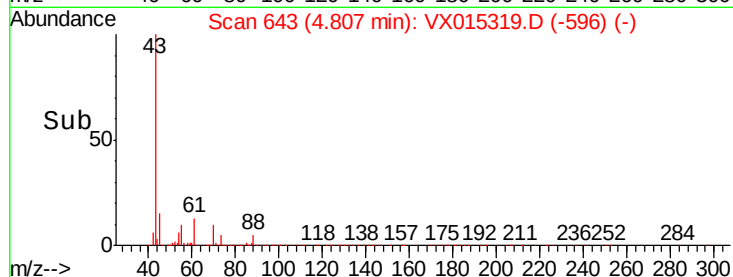
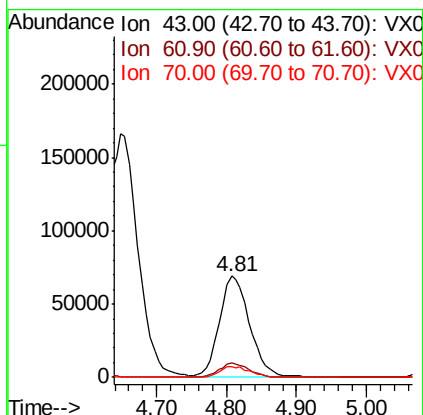
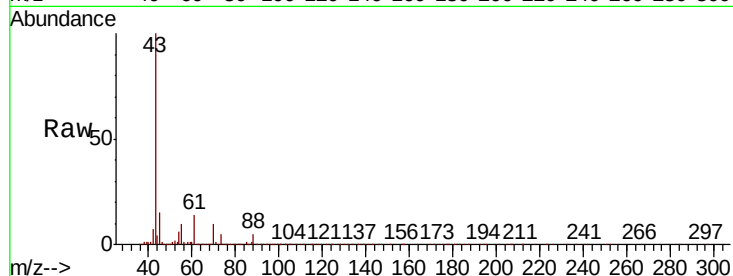




#37
Ethyl Acetate
Concen: 58.082 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

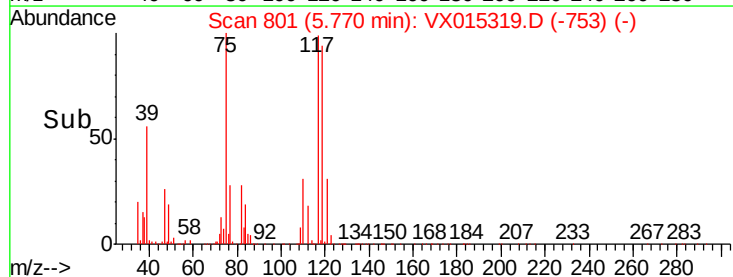
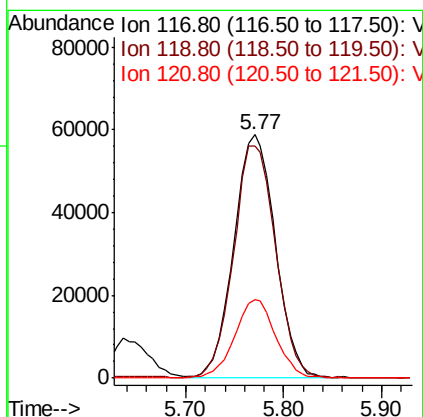
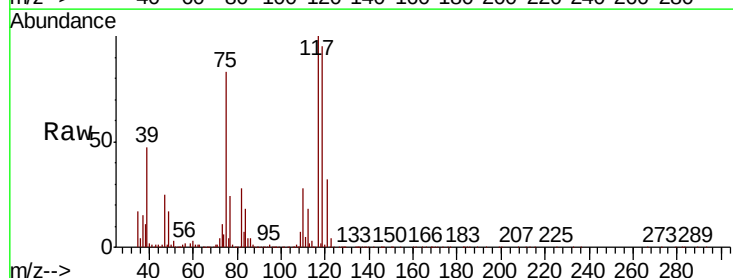
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

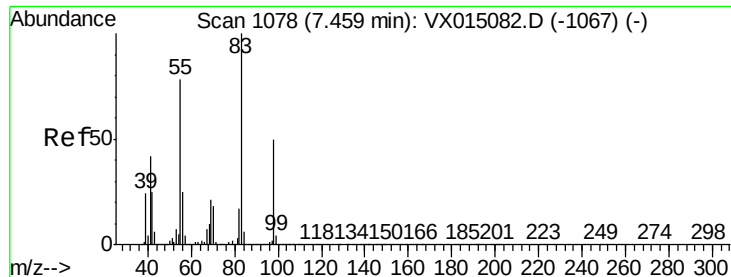
Tot Ion: 43 Resp: 207452
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 47.379 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 117 Resp: 172202
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3
121 32.1 24.6 37.0

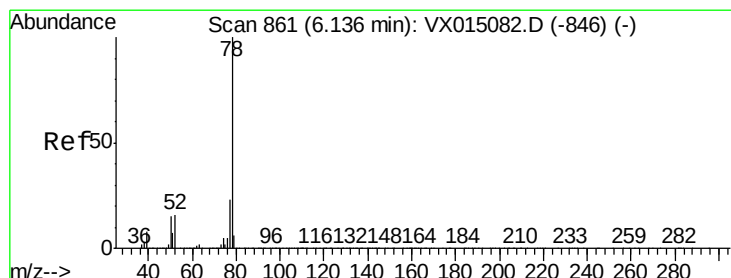
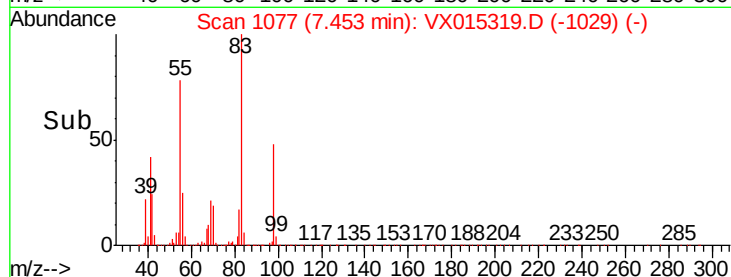
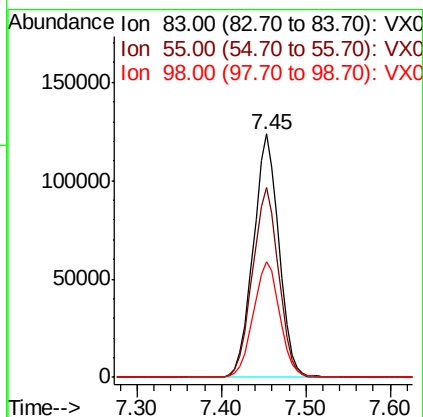
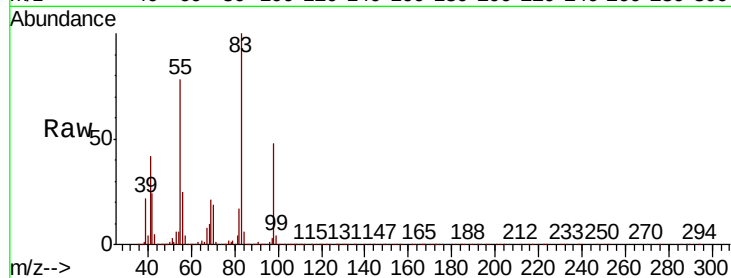




#39
Methylvlcyclohexane
Concen: 56.724 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

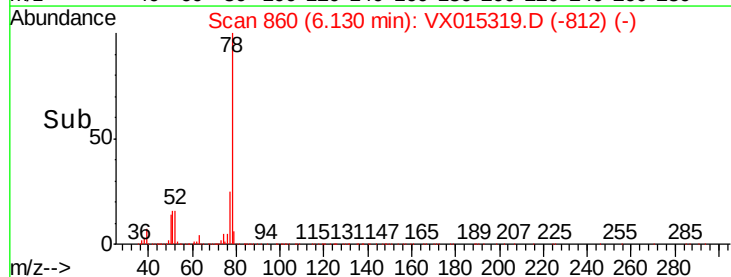
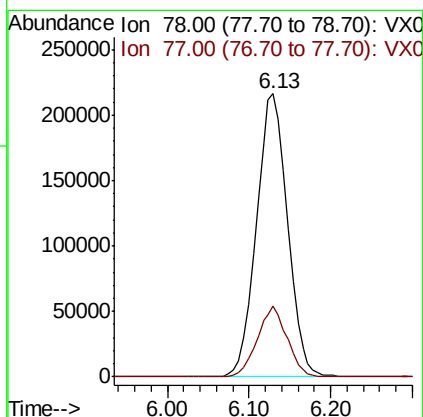
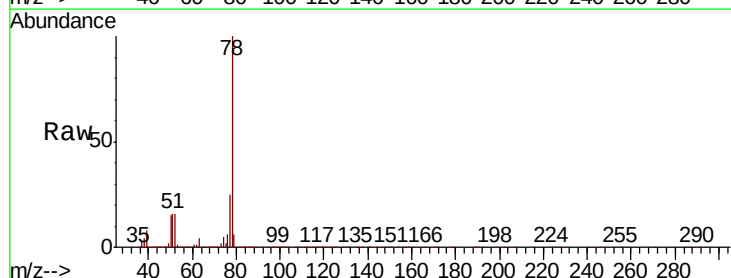
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

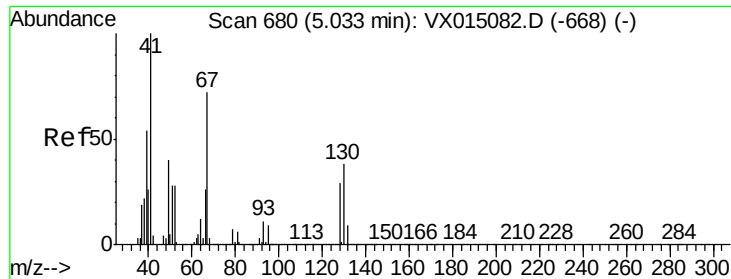
Tot Ion: 83 Resp: 255036
Ion Ratio Lower Upper
83 100
55 77.7 62.4 93.6
98 47.6 39.7 59.5



#40
Benzene
Concen: 50.294 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 78 Resp: 574550
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0





#41

Methacrylonitrile

Concen: 56.686 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 121613

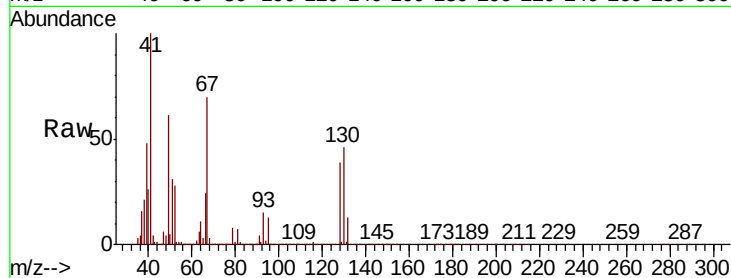
Ion Ratio Lower Upper

41 100

39 54.8 43.9 65.9

67 67.9 57.8 86.8

52 25.6 22.6 34.0

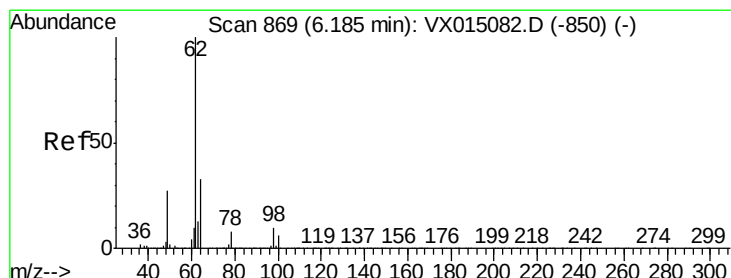
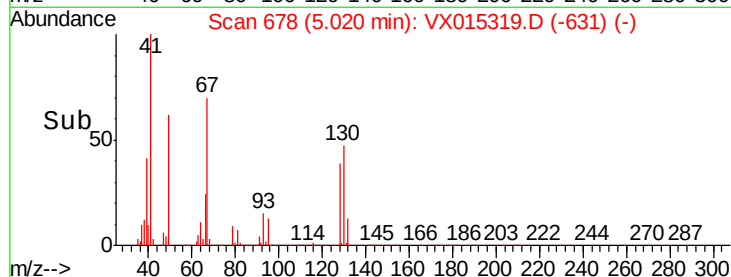
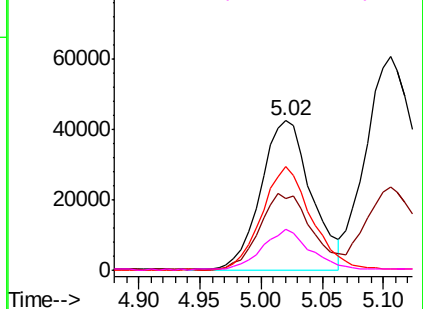


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.372 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015319.D

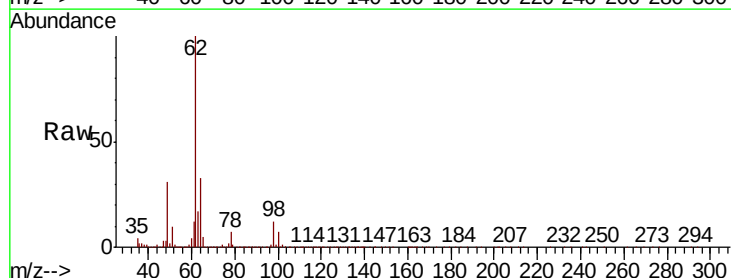
Acq: 17 Mar 2020 14:05

Tgt Ion: 62 Resp: 193691

Ion Ratio Lower Upper

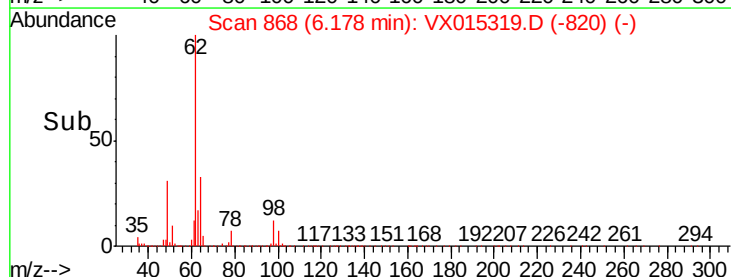
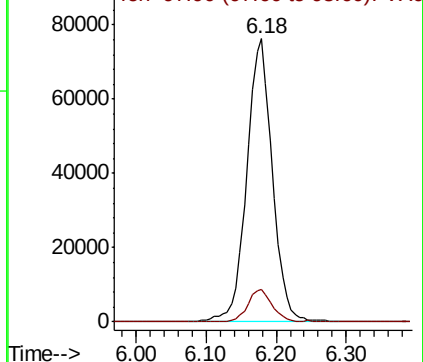
62 100

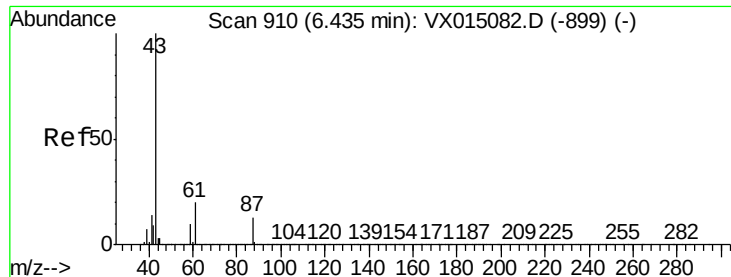
98 10.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.227 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

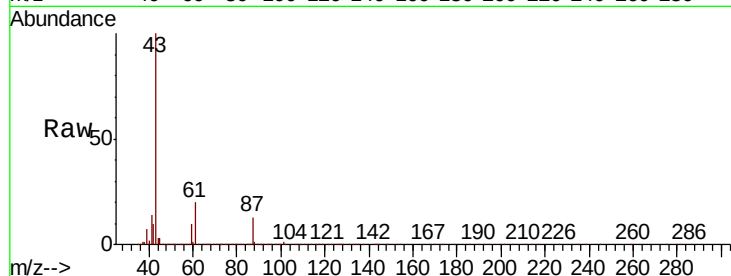
Tot Ion: 43 Resp: 334444

Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

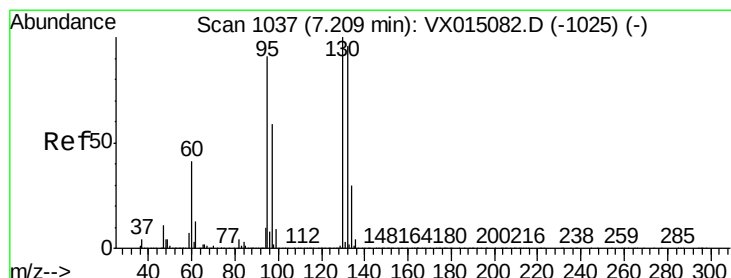
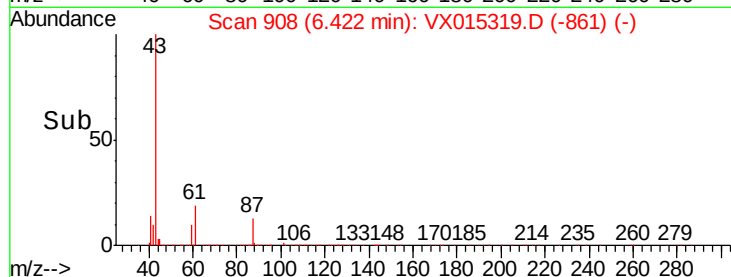
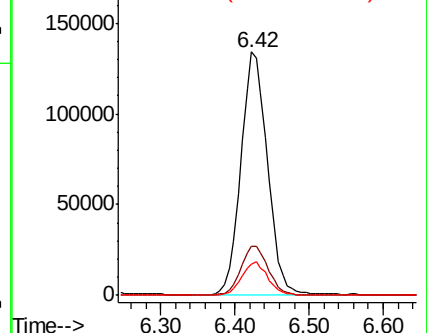
87 13.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.209 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015319.D

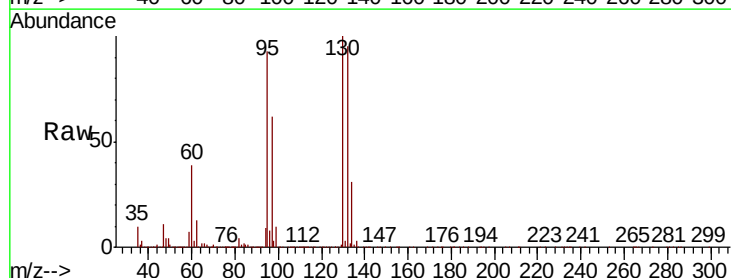
Acq: 17 Mar 2020 14:05

Tgt Ion:130 Resp: 175645

Ion Ratio Lower Upper

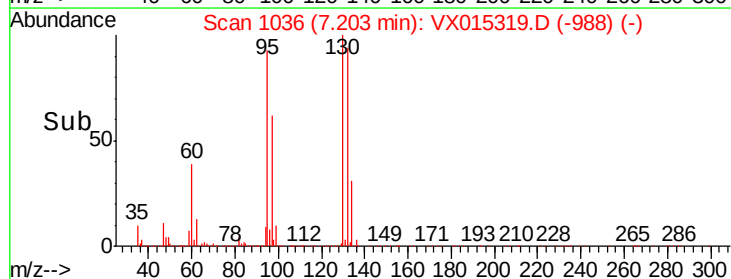
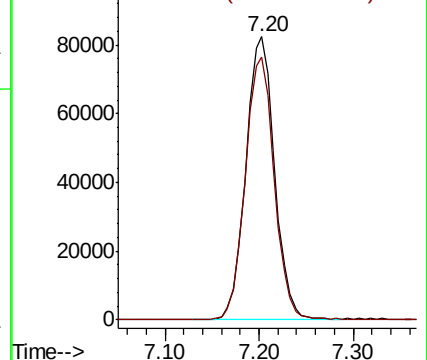
130 100

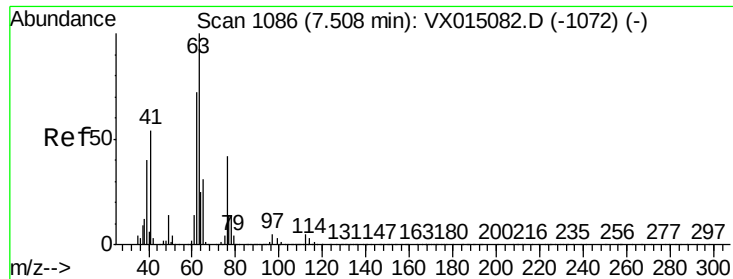
95 92.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

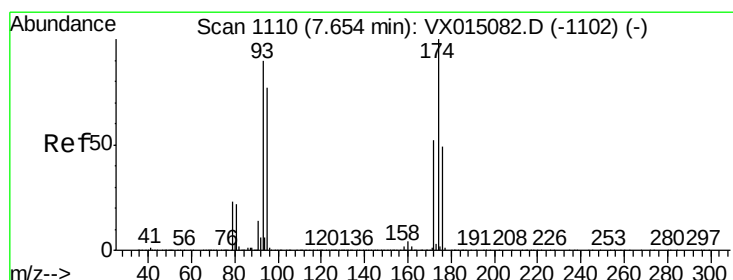
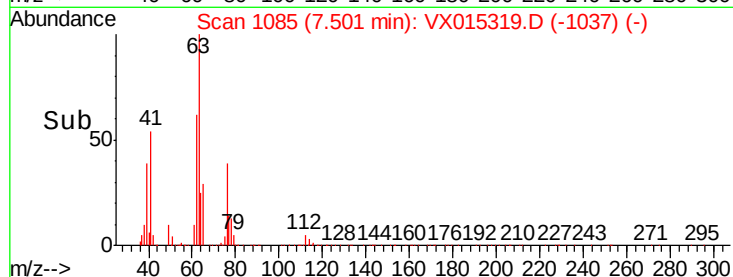
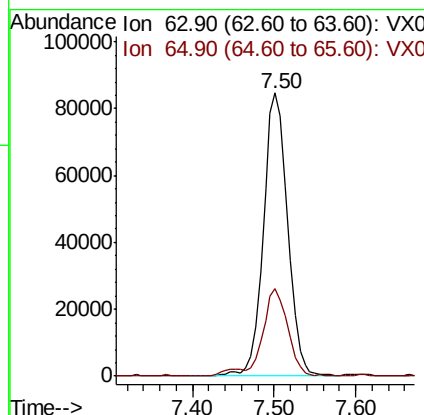
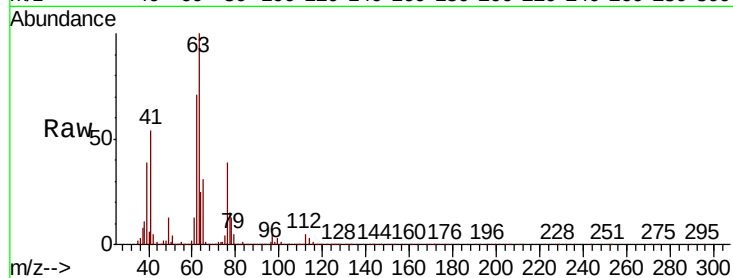




#45
 1,2-Dichloropropane
 Concen: 59.179 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

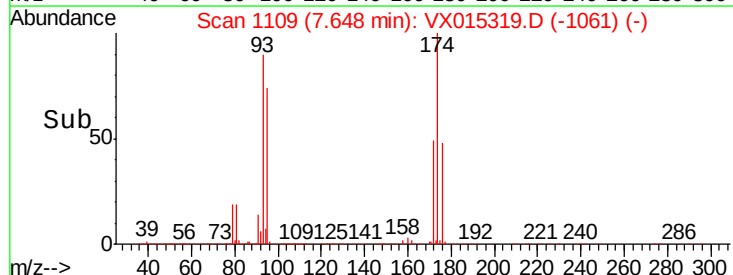
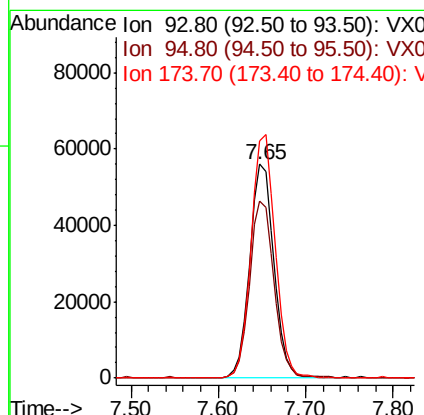
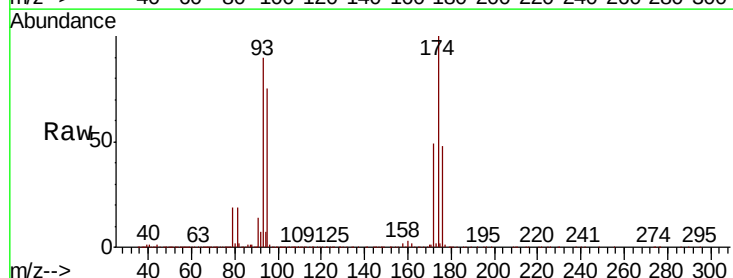
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

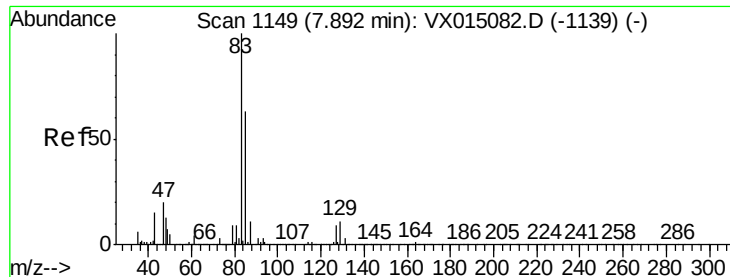
Tot Ion: 63 Resp: 174990
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 55.629 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion: 93 Resp: 107181
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.8 101.8
 174 113.8 91.0 136.4





#47

Bromodichloromethane

Concen: 57.095 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

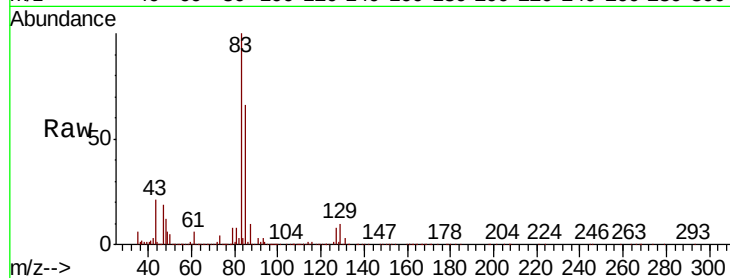
Tot Ion: 83 Resp: 217535

Ion Ratio Lower Upper

83 100

85 65.9 50.6 75.8

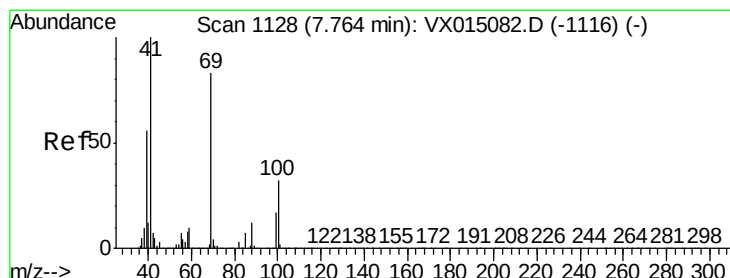
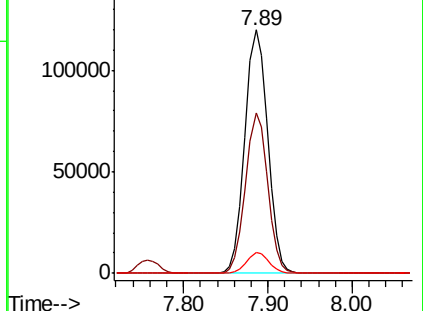
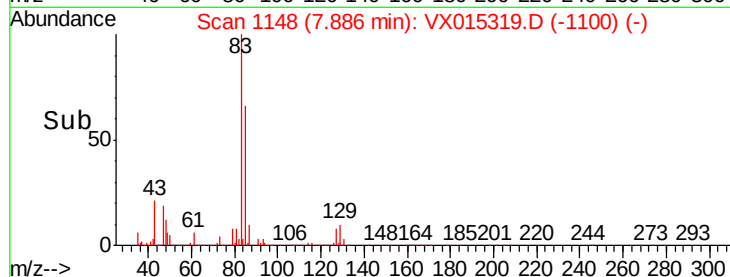
127 8.4 7.1 10.7



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: 55.861 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

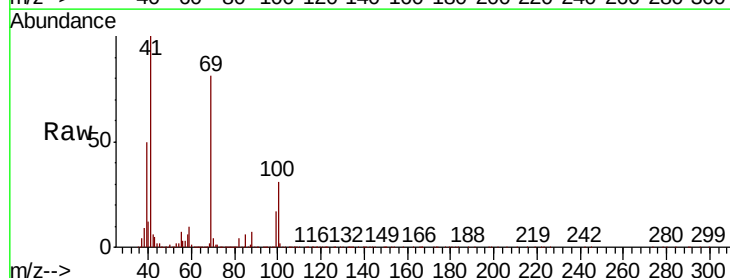
Tgt Ion: 41 Resp: 178645

Ion Ratio Lower Upper

41 100

69 81.6 65.4 98.2

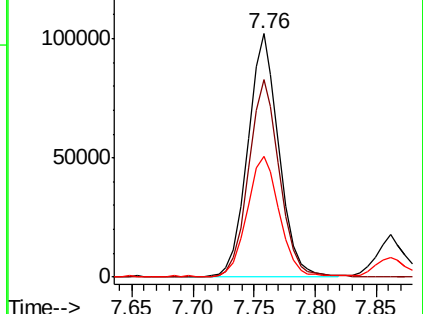
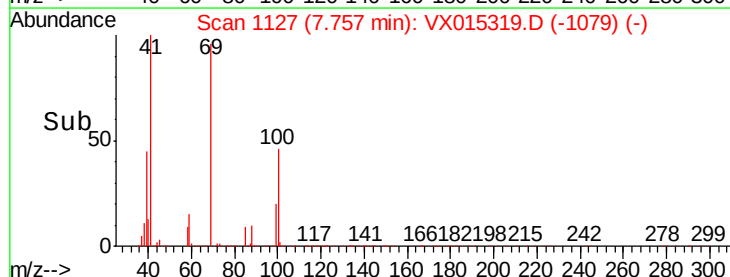
39 51.5 44.6 67.0

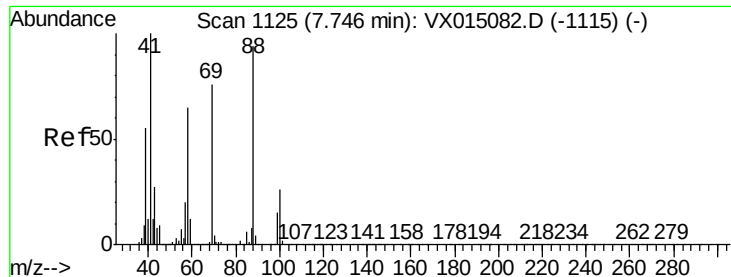


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

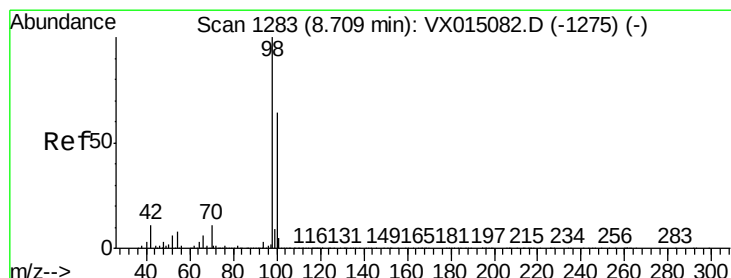
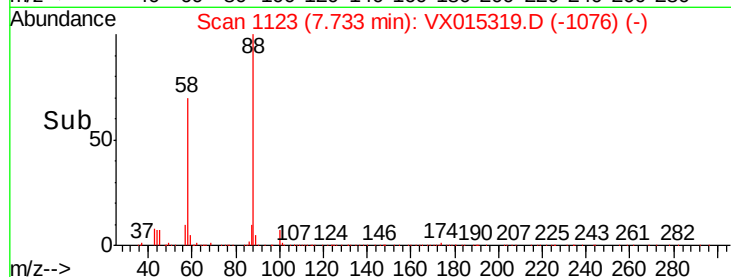
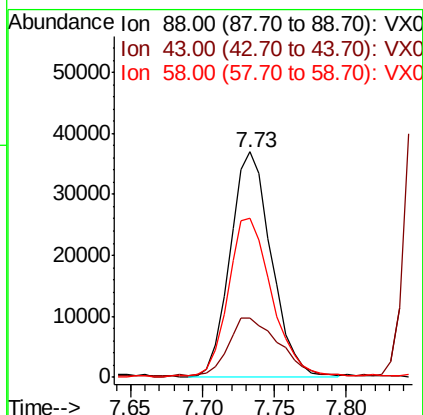
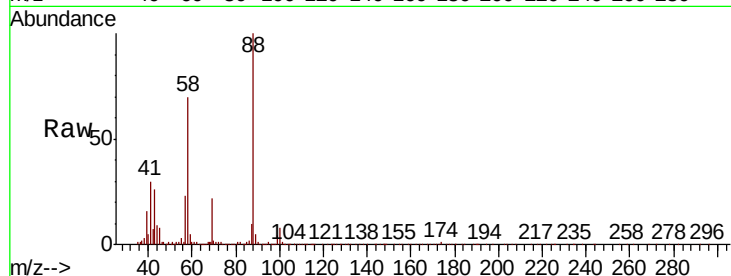




#49
1,4-Dioxane
Concen: 1057.410 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

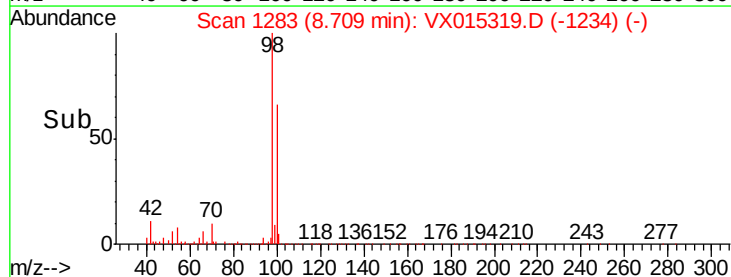
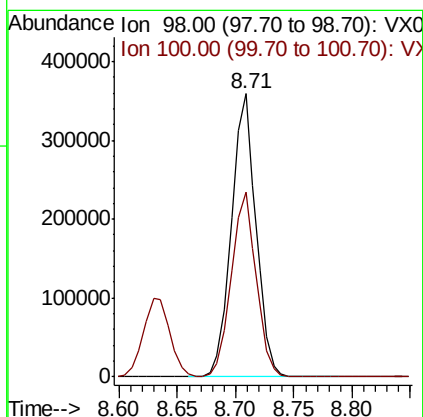
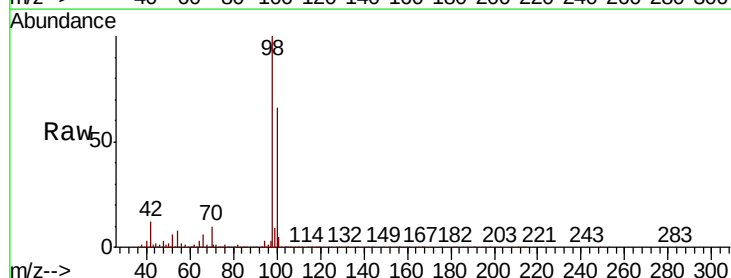
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

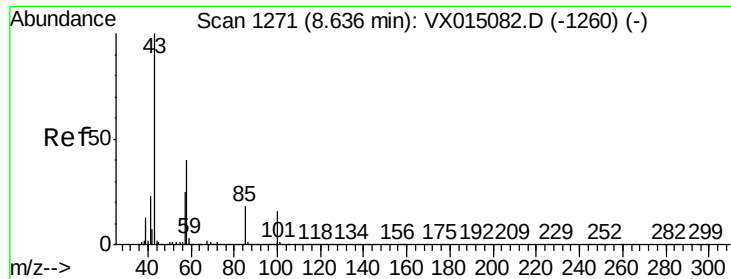
Tot Ion: 88 Resp: 73114
Ion Ratio Lower Upper
88 100
43 32.1 27.0 40.4
58 75.1 55.6 83.4



#50
Toluene-d8
Concen: 52.670 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 98 Resp: 526442
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 271.821 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

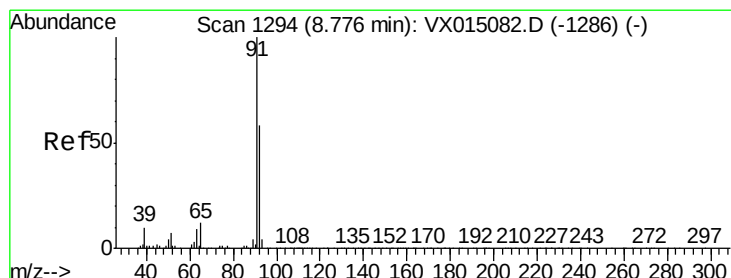
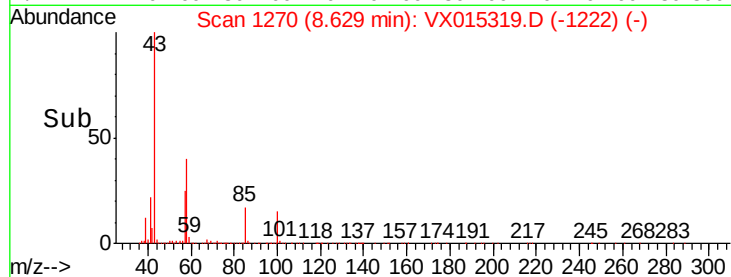
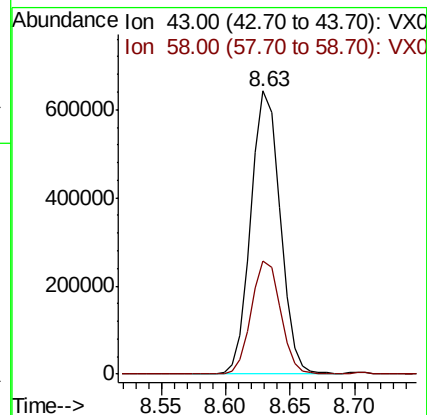
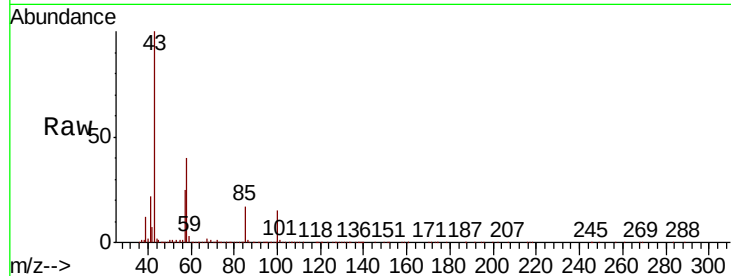
VSTDCCC050EC

Tot Ion: 43 Resp: 1009836

Ion Ratio Lower Upper

43 100

58 39.8 31.6 47.4



#52

Toluene

Concen: 57.392 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015319.D

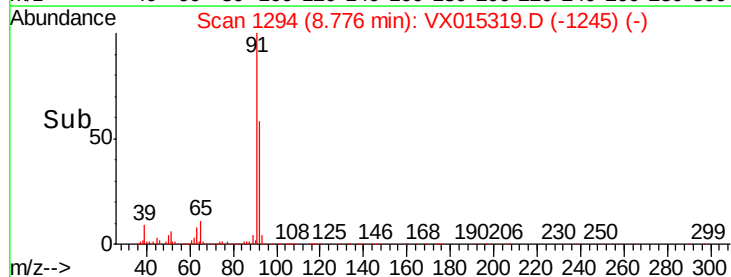
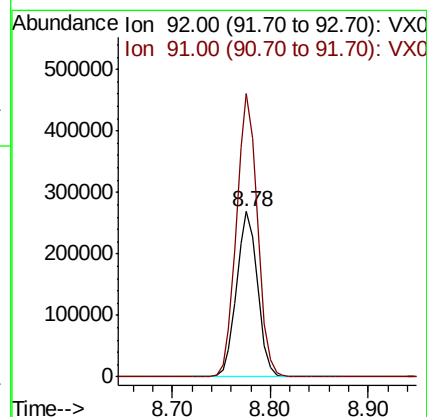
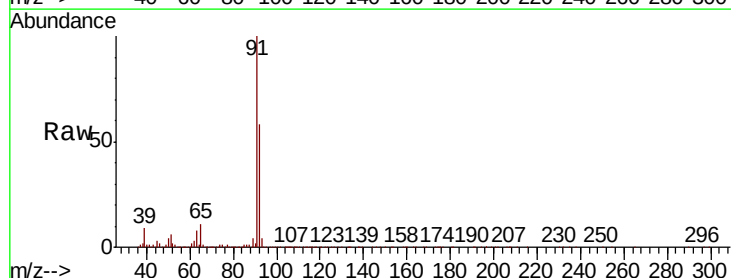
Acq: 17 Mar 2020 14:05

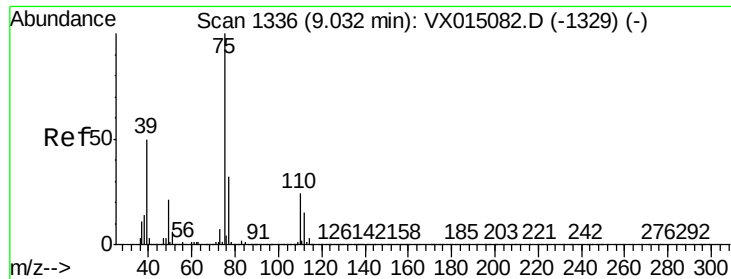
Tgt Ion: 92 Resp: 400877

Ion Ratio Lower Upper

92 100

91 171.2 136.9 205.3

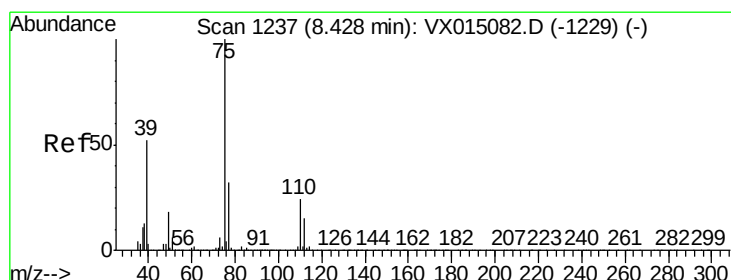
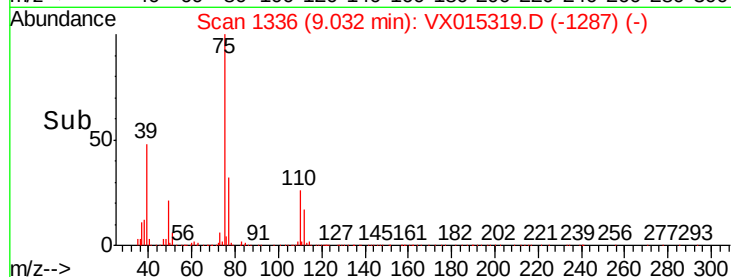
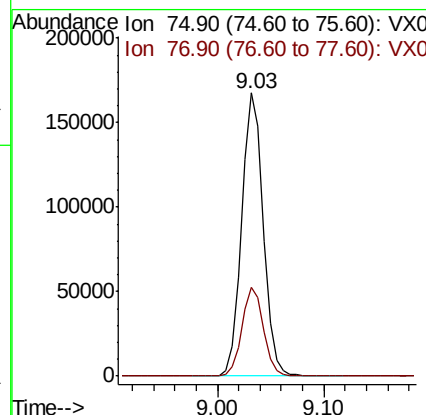
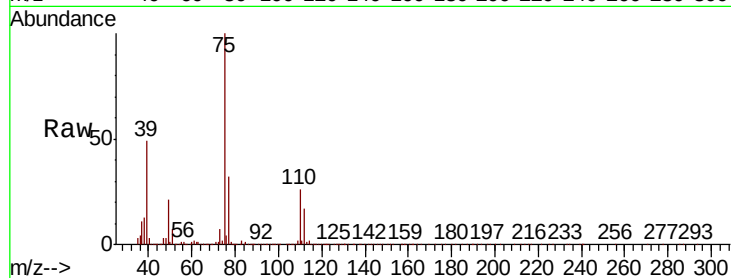




#53
t-1,3-Dichloropropene
Concen: 58.921 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

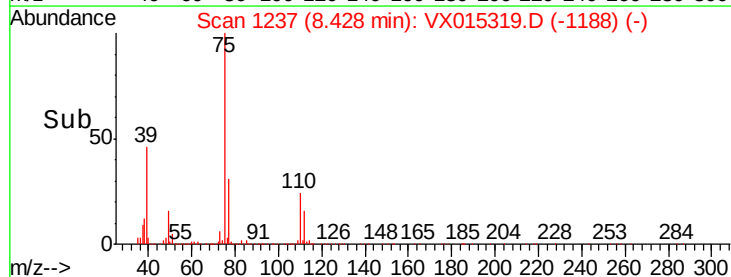
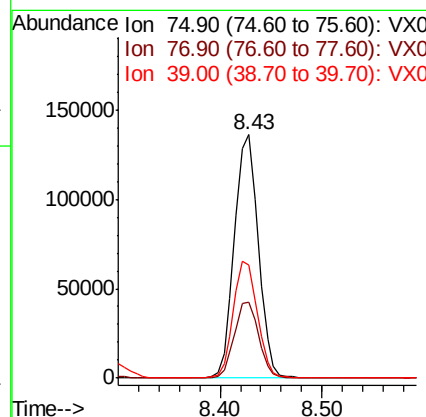
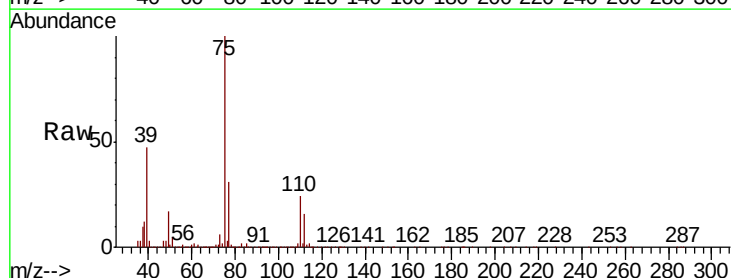
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

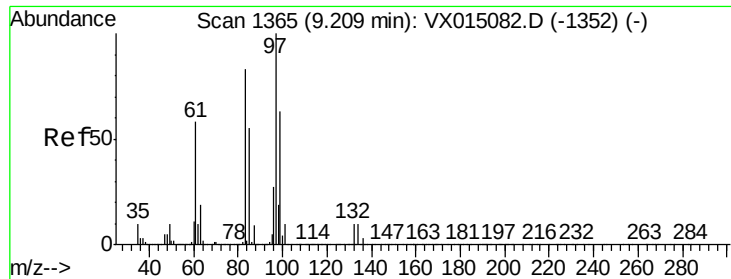
Tot Ion: 75 Resp: 238946
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.034 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 75 Resp: 220218
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
39 46.3 41.3 61.9

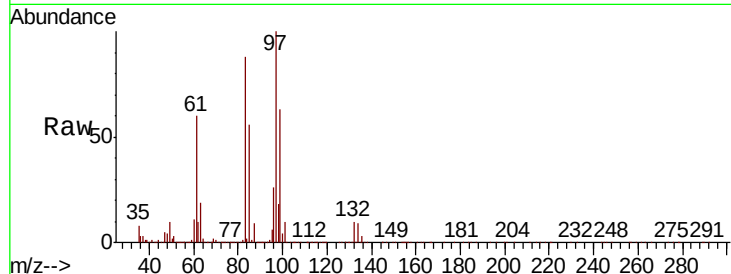




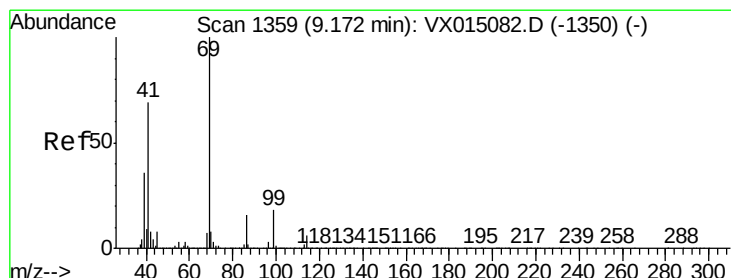
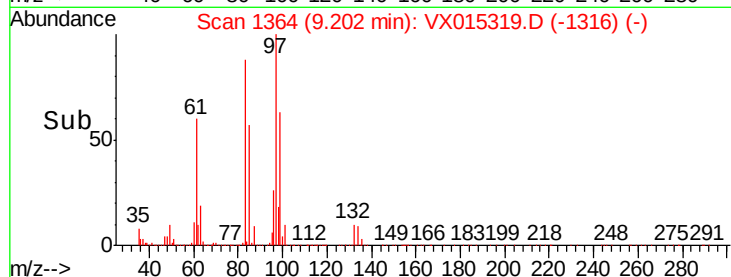
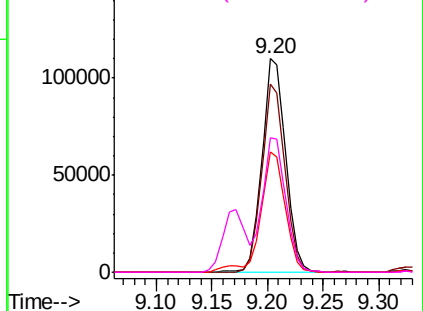
#55
 1,1,2-Trichloroethane
 Concen: 57.226 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	164523
Ion	Ratio	Lower	Upper
97	100		
83	88.0	66.4	99.6
85	56.4	43.5	65.3
99	62.6	50.7	76.1

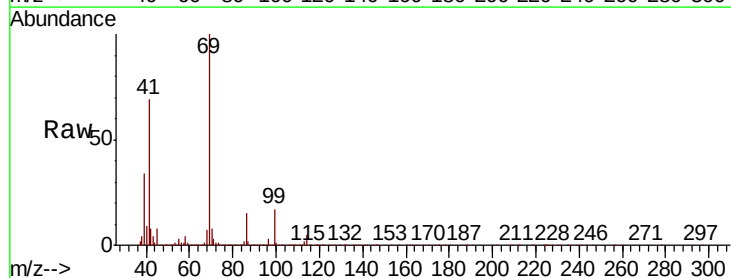


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

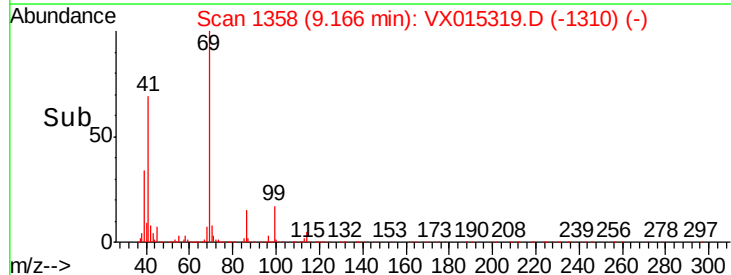
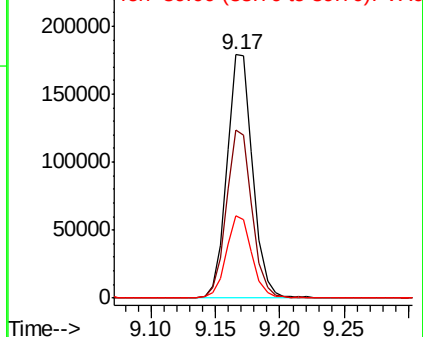


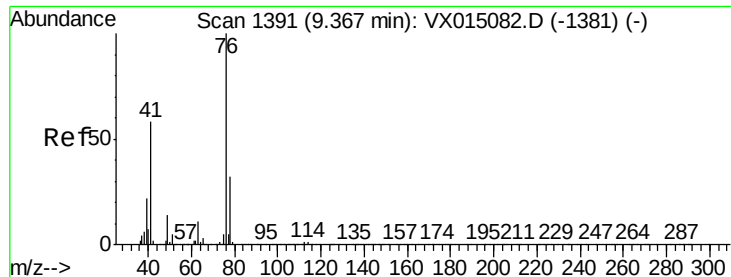
#56
 Ethyl methacrylate
 Concen: 61.301 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion:	69	Resp:	251383
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.8	83.8
39	33.3	29.4	44.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 57.782 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

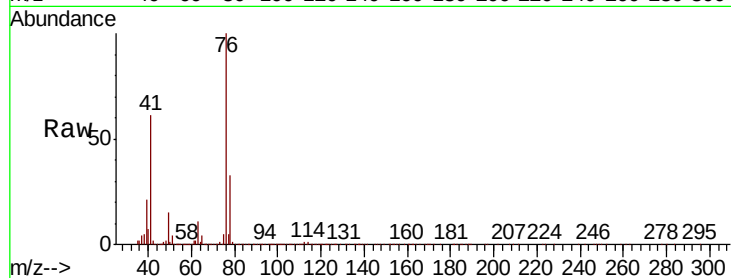
VSTDCCC050EC

Tot Ion: 76 Resp: 279479

Ion Ratio Lower Upper

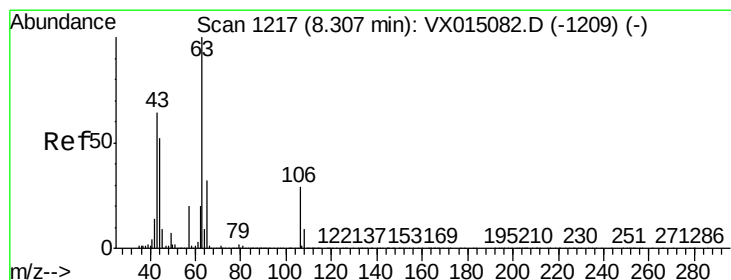
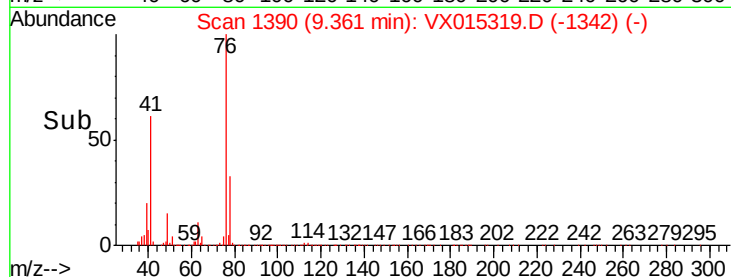
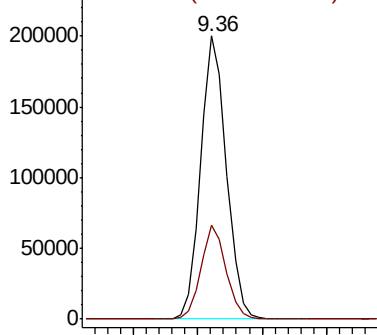
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.958 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015319.D

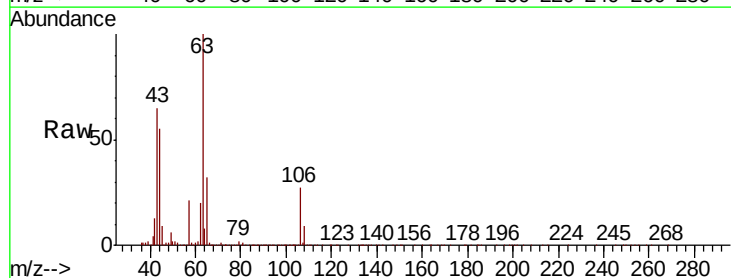
Acq: 17 Mar 2020 14:05

Tgt Ion: 63 Resp: 605321

Ion Ratio Lower Upper

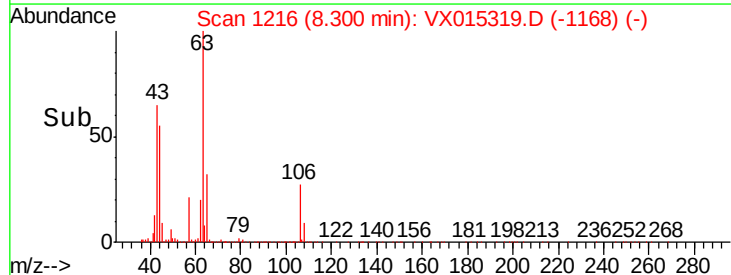
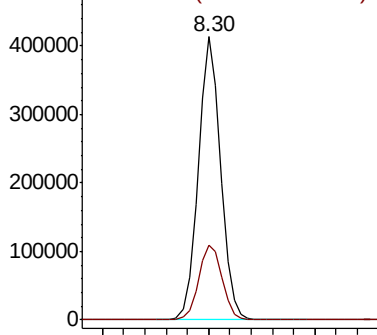
63 100

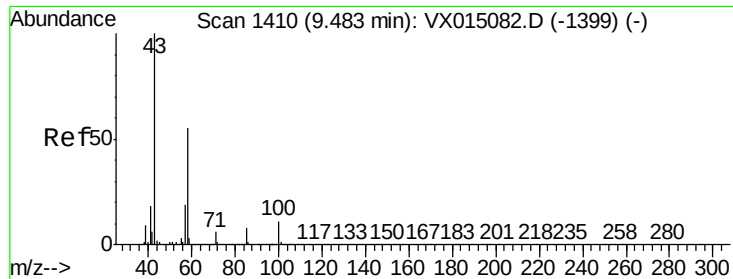
106 27.9 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

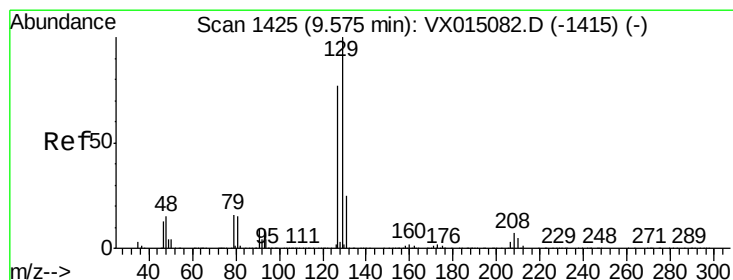
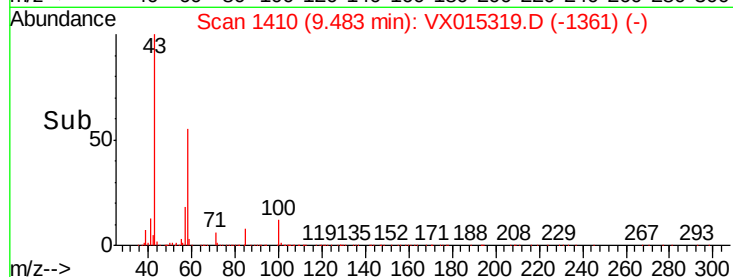
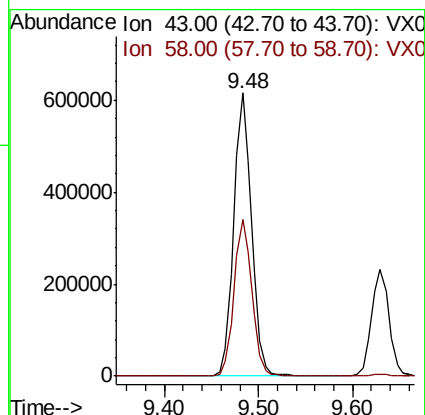
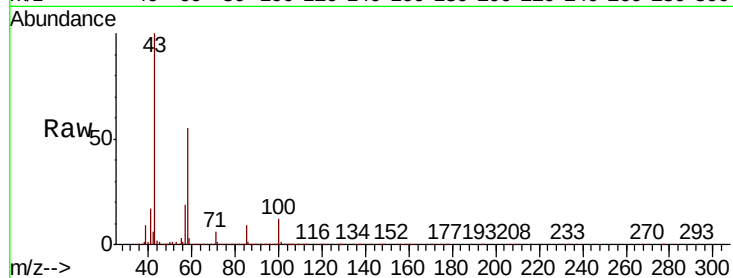




#59
2-Hexanone
Concen: 293.205 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

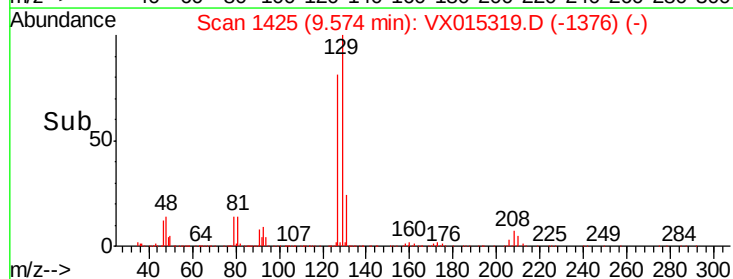
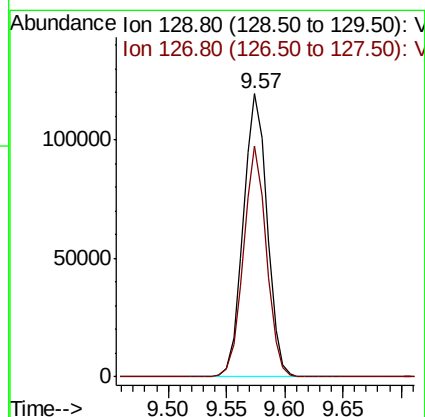
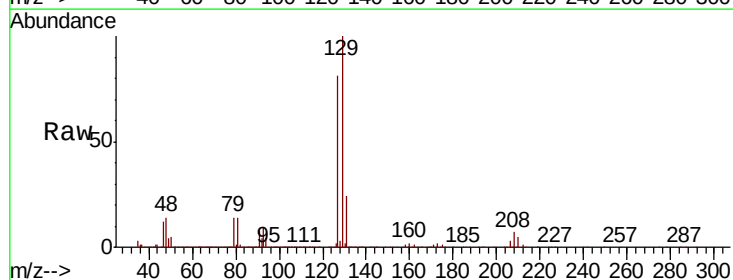
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

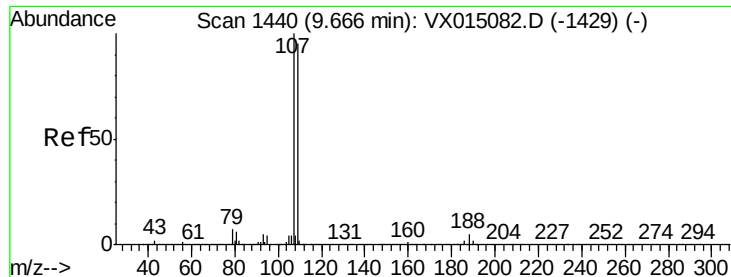
Tot Ion: 43 Resp: 807358
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 56.964 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 129 Resp: 172034
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.514 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

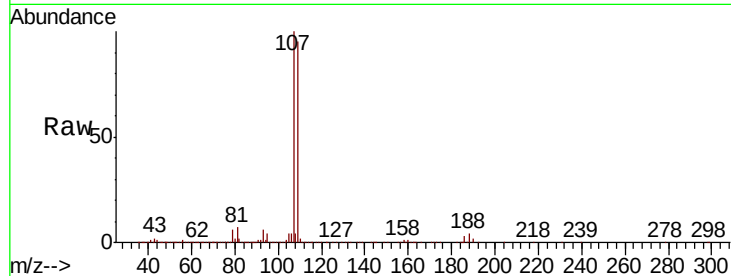
VSTDCCC050EC

Tot Ion:107 Resp: 155558

Ion Ratio Lower Upper

107 100

109 95.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

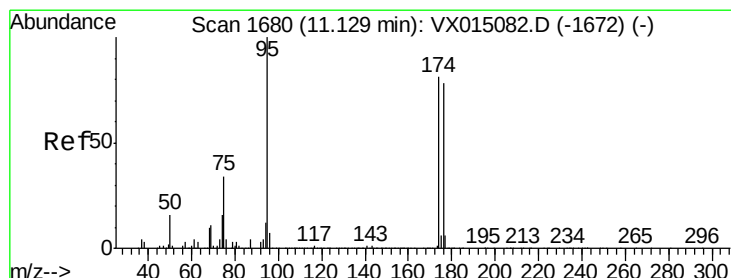
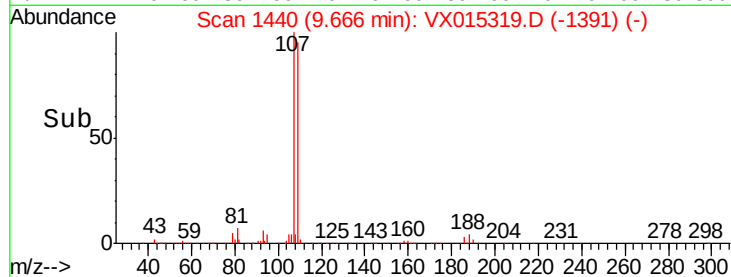
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.692 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

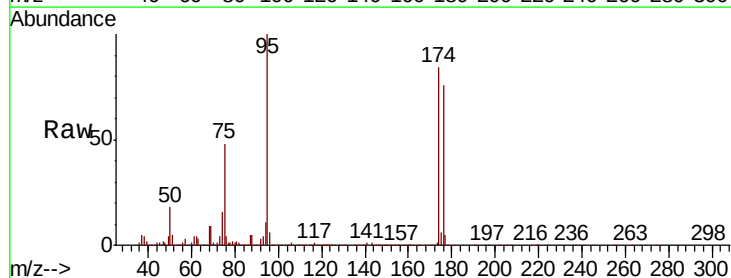
Tgt Ion: 95 Resp: 205681

Ion Ratio Lower Upper

95 100

174 87.8 0.0 177.6

176 85.5 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

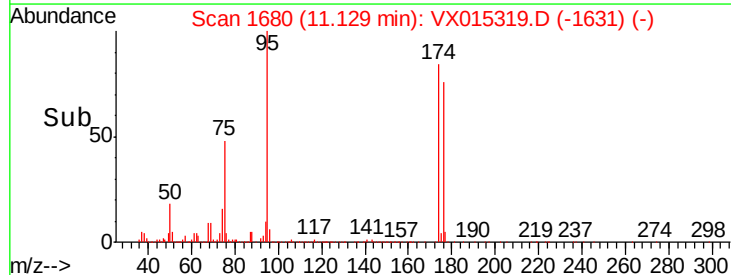
150000

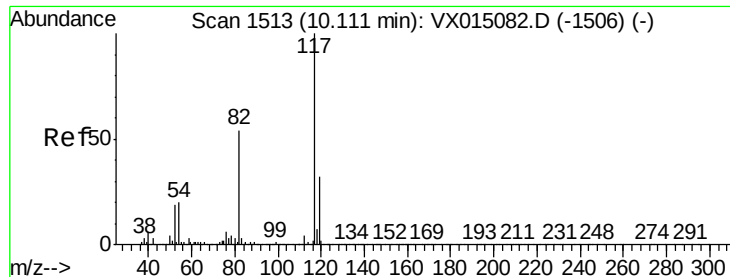
100000

50000

0

Time-->

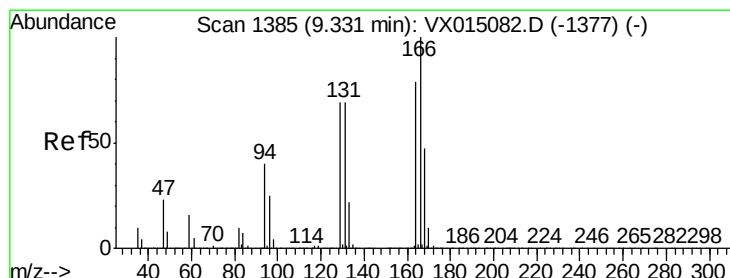
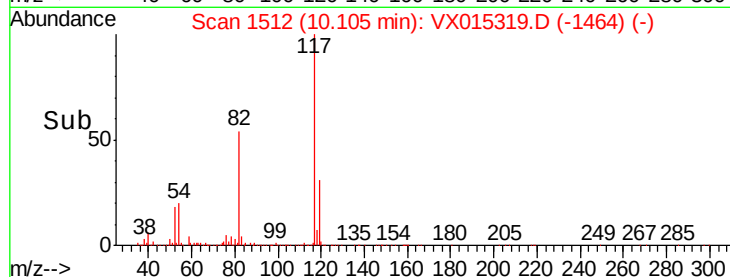
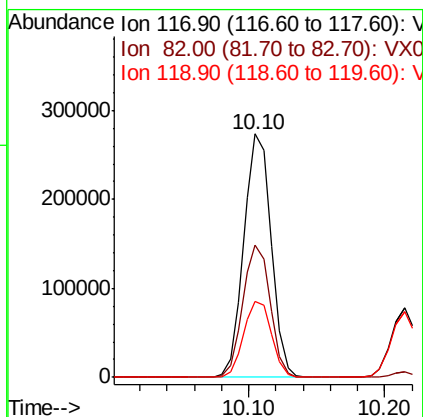
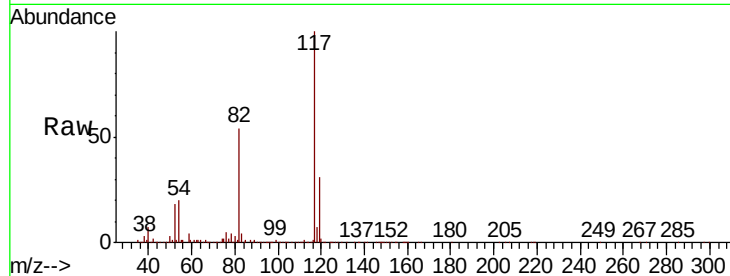




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

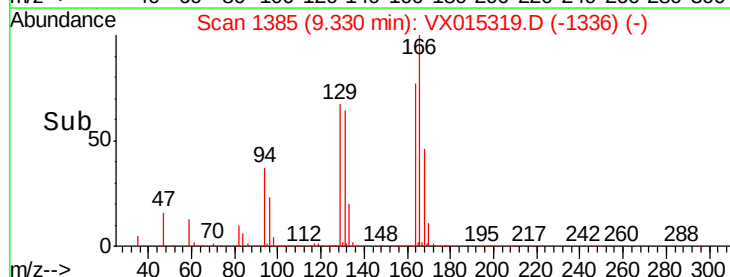
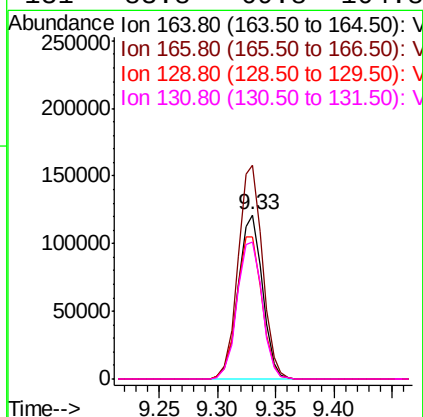
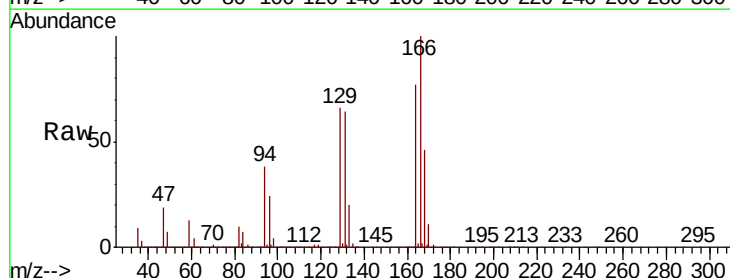
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

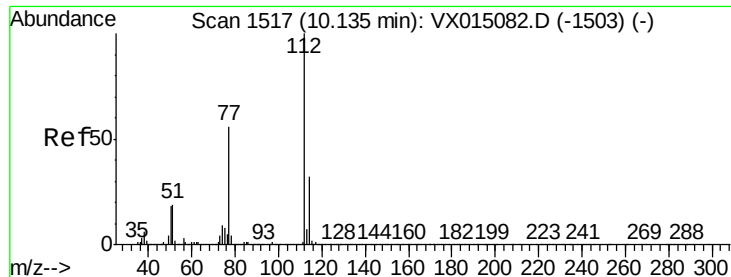
Tot Ion:117 Resp: 384212
Ion Ratio Lower Upper
117 100
82 54.4 43.3 64.9
119 31.1 25.8 38.8



#64
Tetrachloroethene
Concen: 55.701 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion:164 Resp: 176945
Ion Ratio Lower Upper
164 100
166 130.3 101.1 151.7
129 86.7 69.4 104.0
131 83.8 69.8 104.8

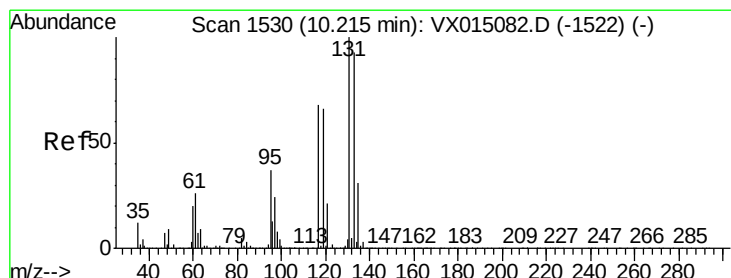
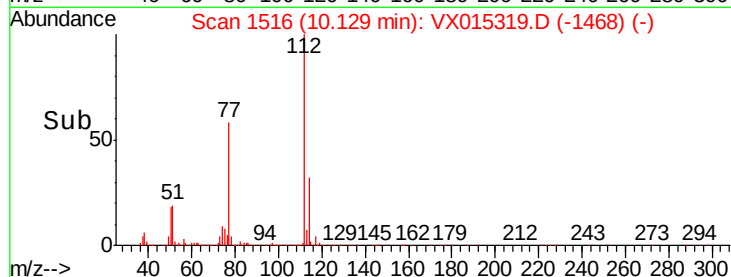
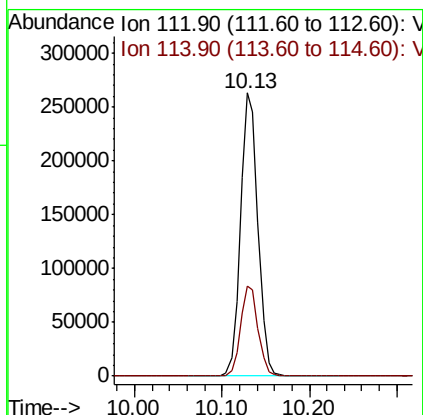
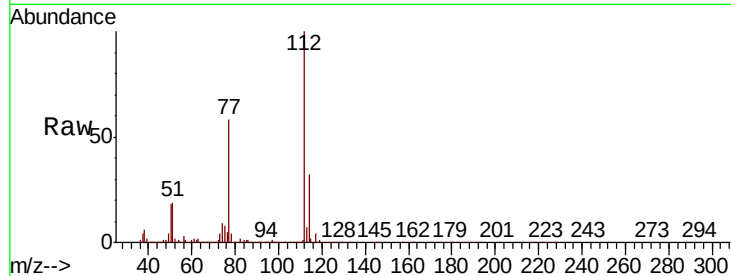




#65
Chlorobenzene
Concen: 47.371 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

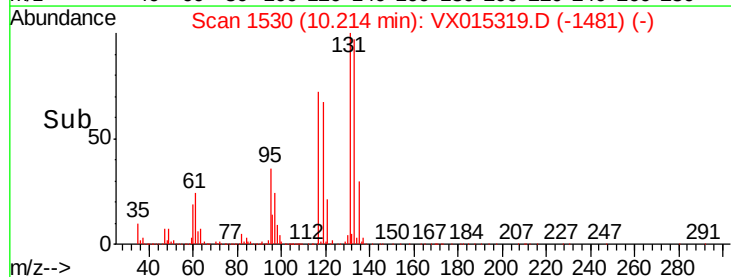
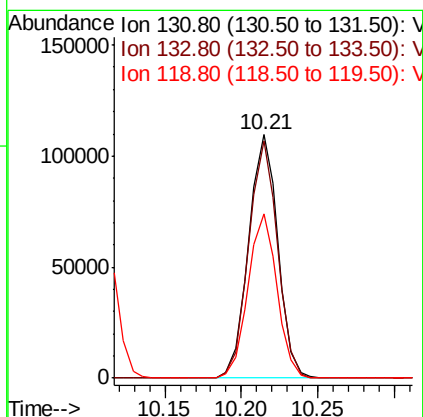
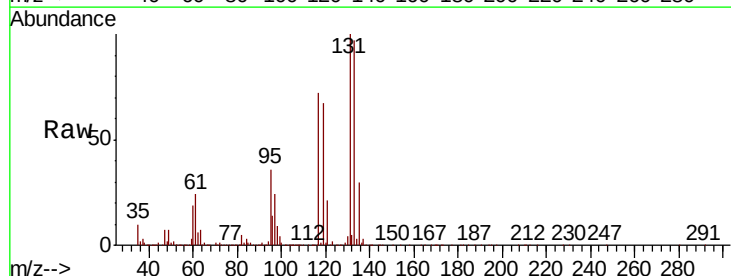
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

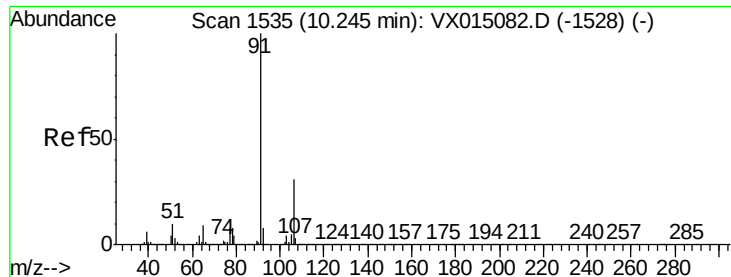
Tot Ion:112 Resp: 365404
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.160 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion:131 Resp: 145895
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 66.5 33.4 100.1

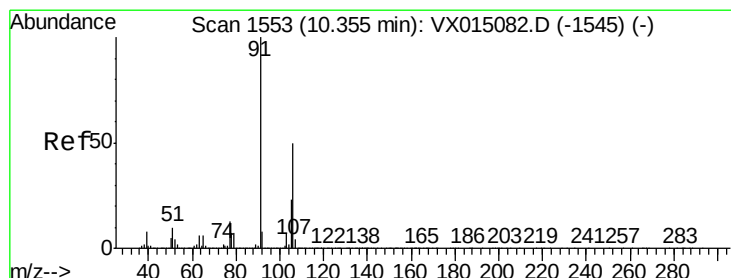
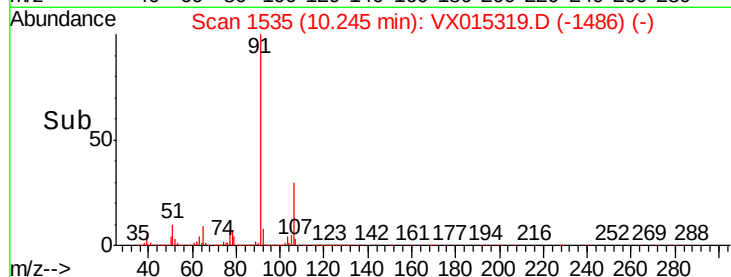
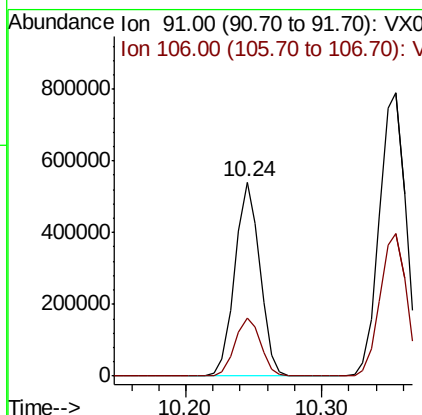
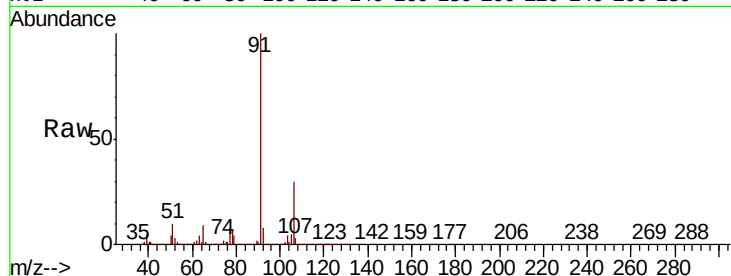




#67
Ethyl Benzene
Concen: 52.780 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

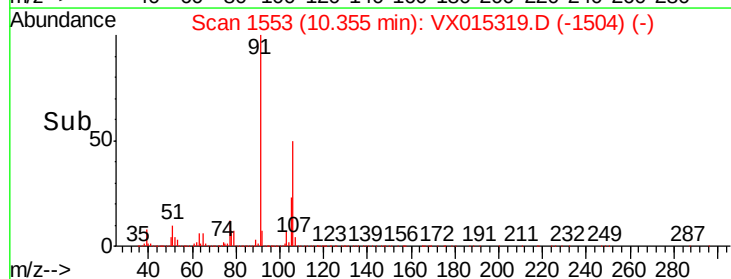
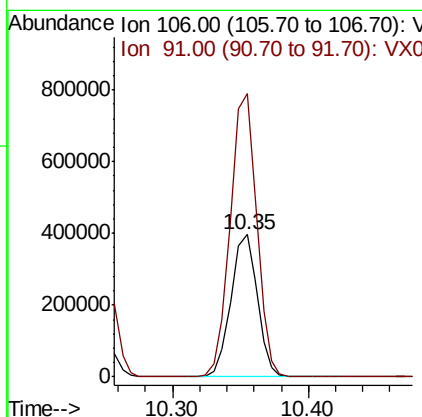
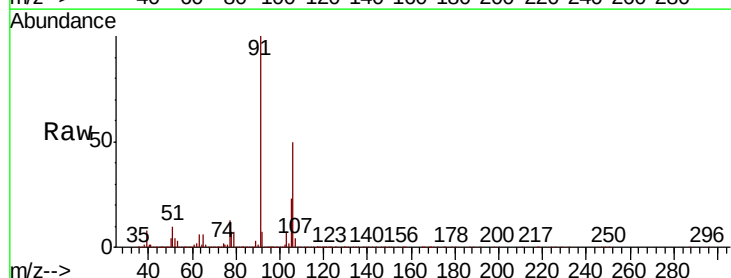
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

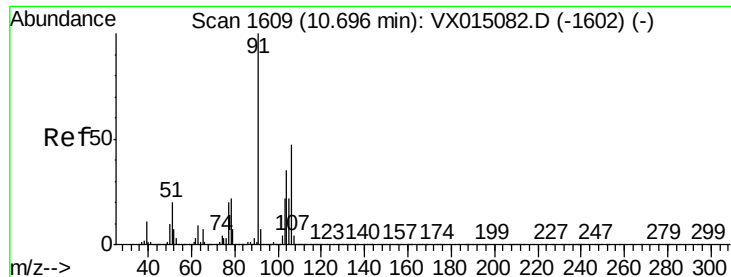
Tot Ion: 91 Resp: 691334
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 107.687 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 106 Resp: 536662
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.2

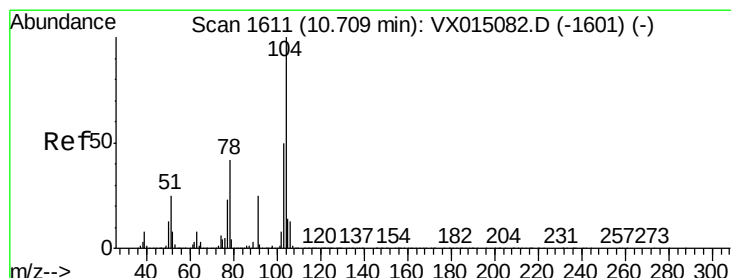
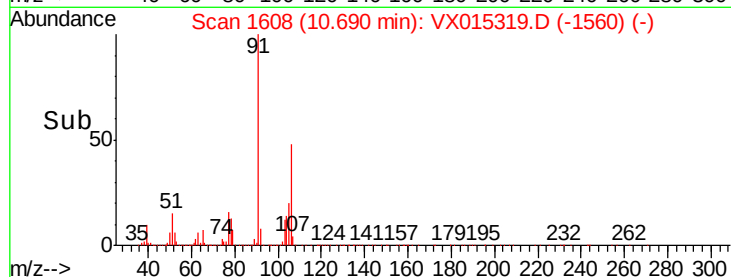
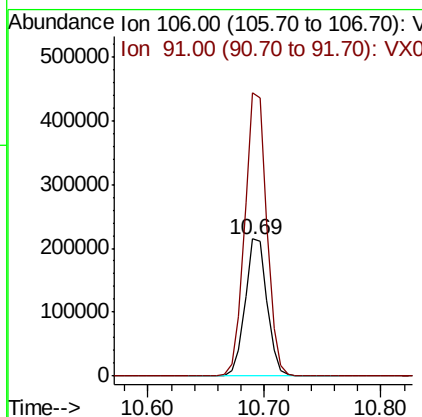
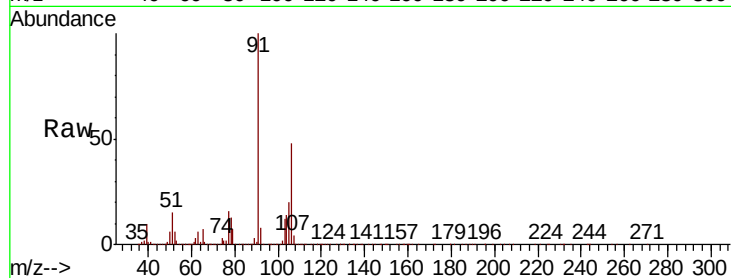




#69
o-Xylene
Concen: 59.218 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

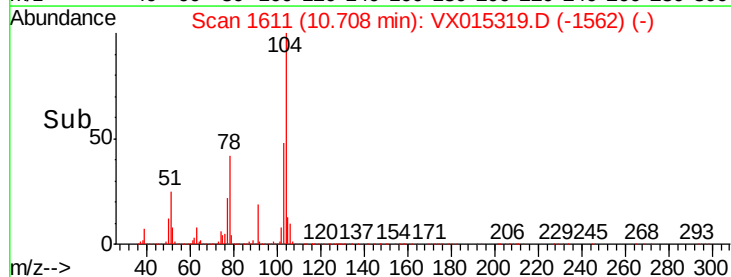
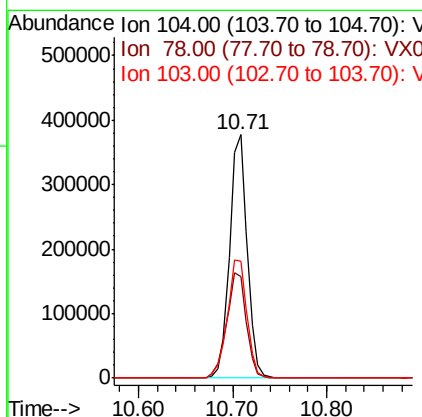
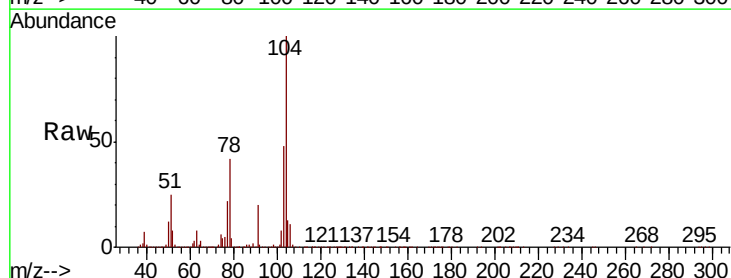
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

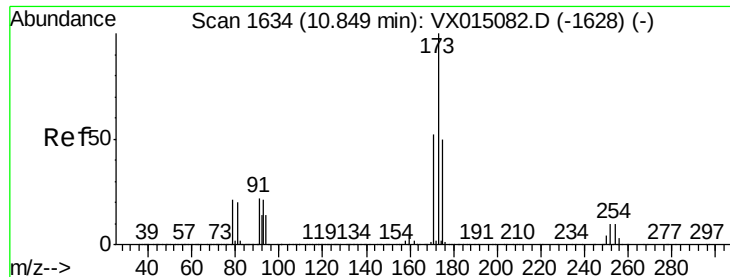
Tot Ion:106 Resp: 282553
Ion Ratio Lower Upper
106 100
91 207.1 105.4 316.1



#70
Styrene
Concen: 59.769 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion:104 Resp: 488976
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.9 43.7 65.5





#71

Bromoform

Concen: 57.507 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

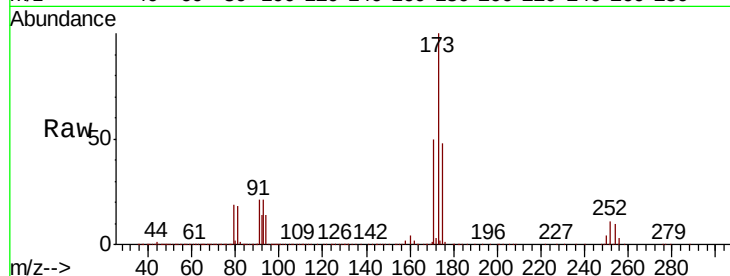
Tot Ion:173 Resp: 129708

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

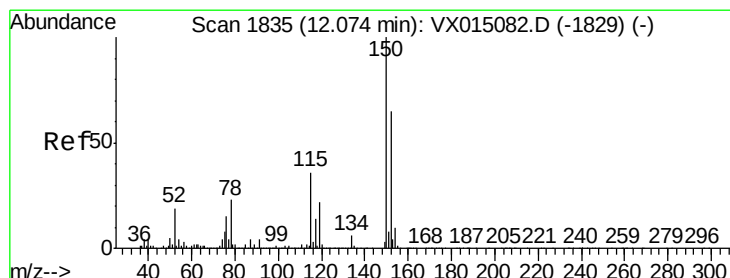
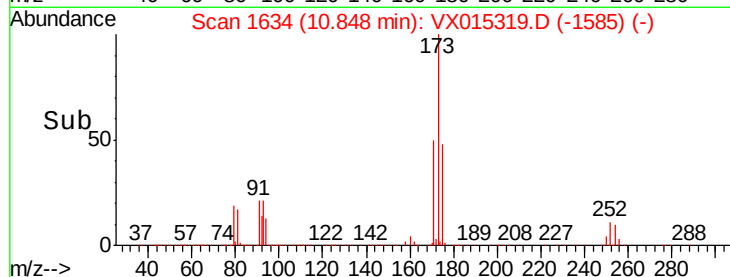
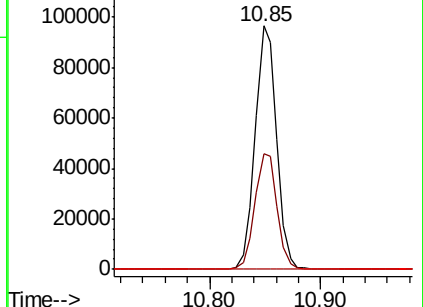
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

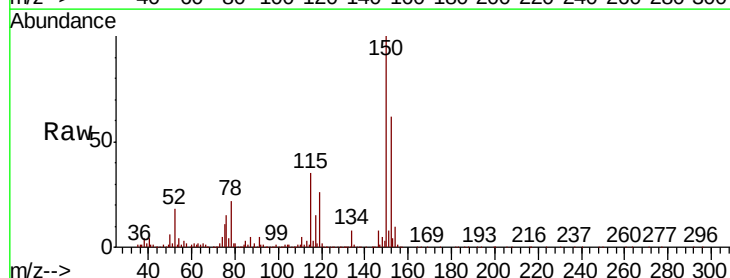
Tgt Ion:152 Resp: 201810

Ion Ratio Lower Upper

152 100

115 77.9 38.2 114.6

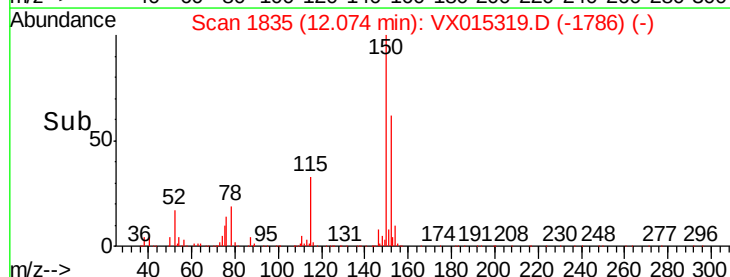
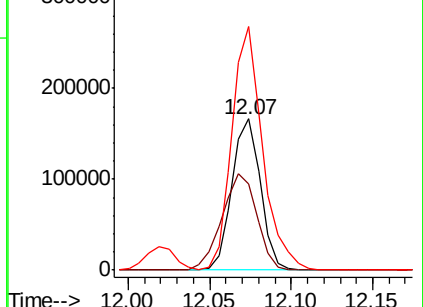
150 173.3 0.0 343.8

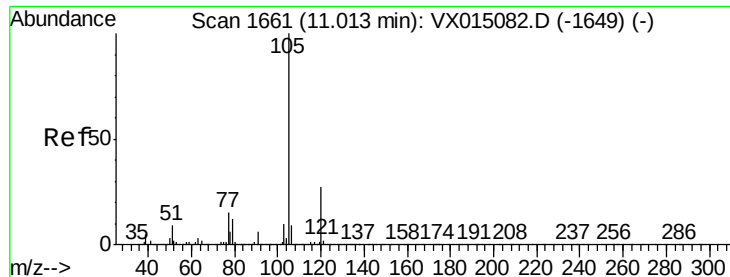


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.978 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

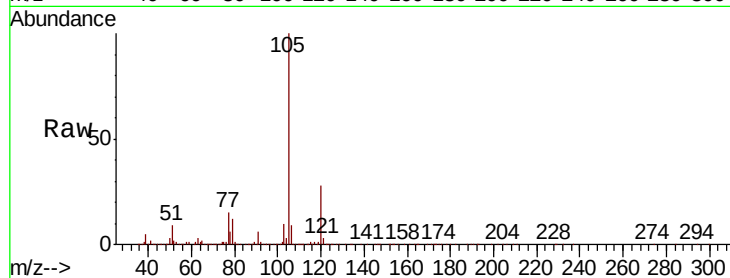
VSTDCCC050EC

Tot Ion:105 Resp: 747444

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

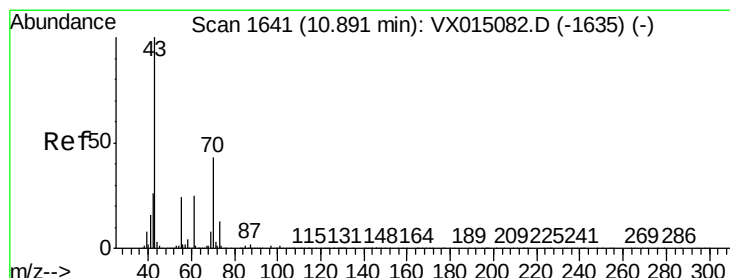
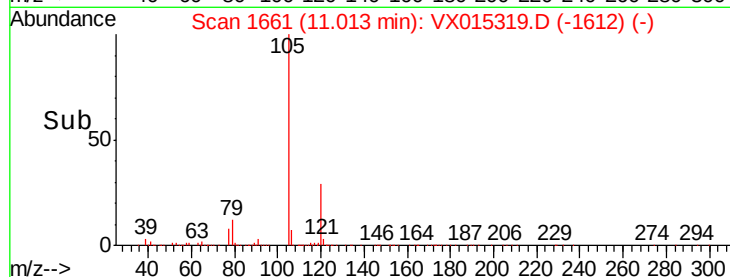
400000

200000

0

11.01

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 58.655 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Tgt Ion: 43 Resp: 318673

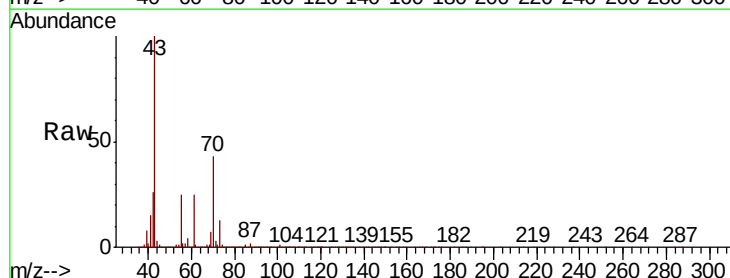
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 24.9 19.4 29.0

61 24.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

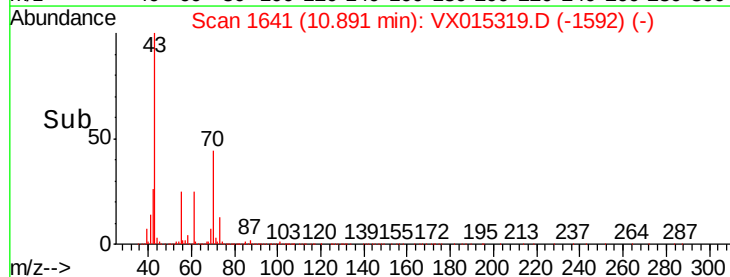
200000

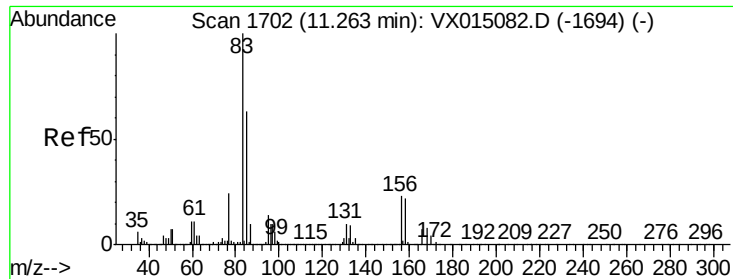
100000

0

10.89

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 54.511 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

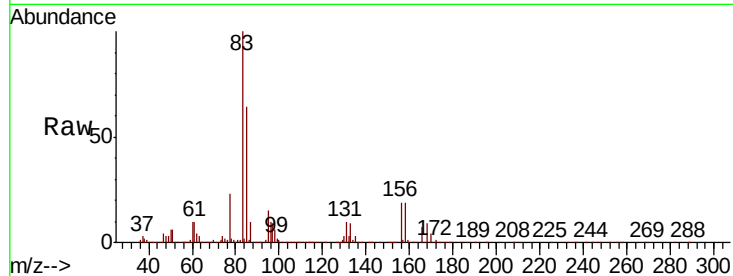
Tot Ion: 83 Resp: 234202

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

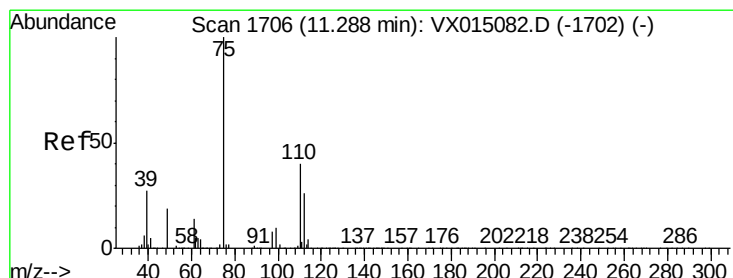
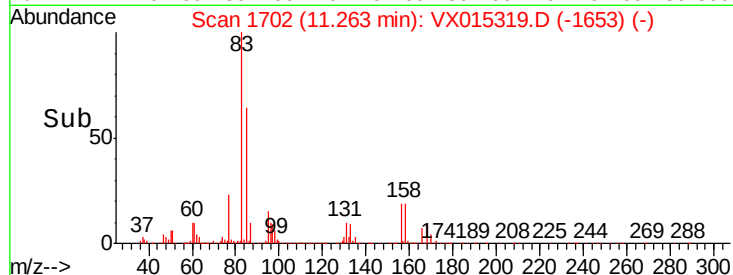
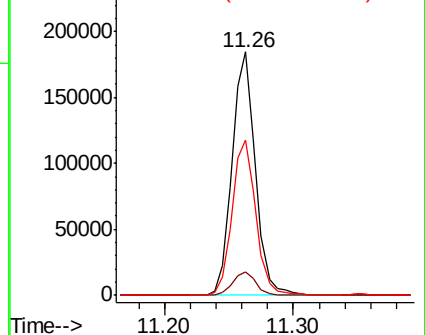
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.467 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015319.D

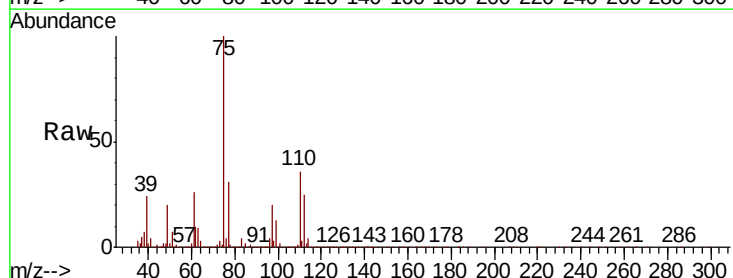
Acq: 17 Mar 2020 14:05

Tgt Ion: 75 Resp: 271590

Ion Ratio Lower Upper

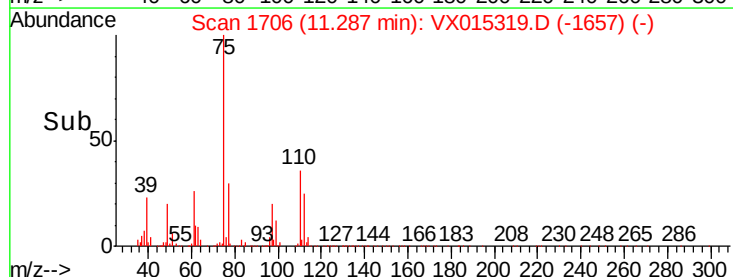
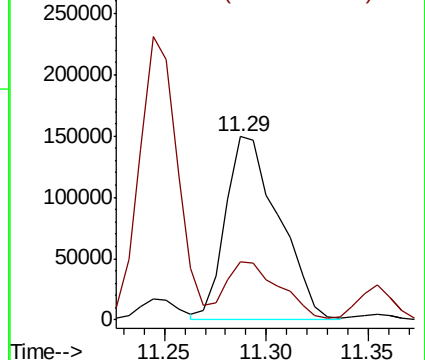
75 100

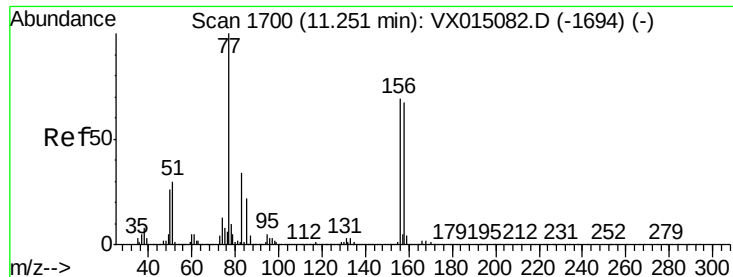
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.417 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

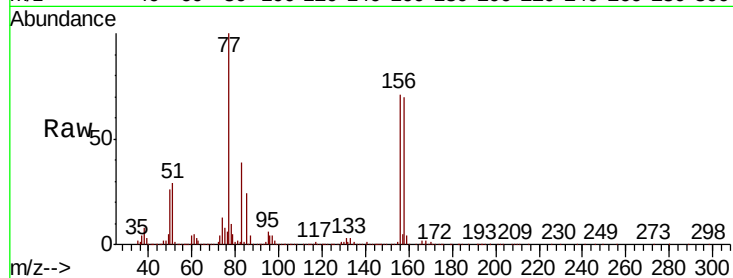
Tot Ion:156 Resp: 195509

Ion Ratio Lower Upper

156 100

77 151.9 75.3 225.9

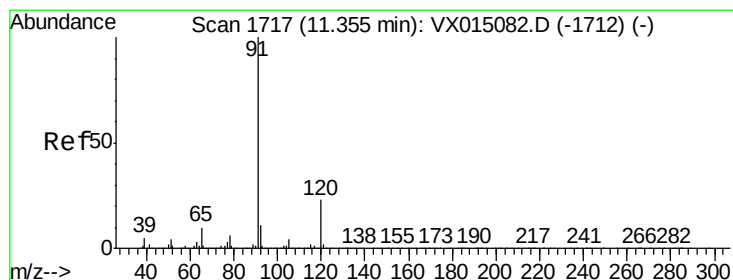
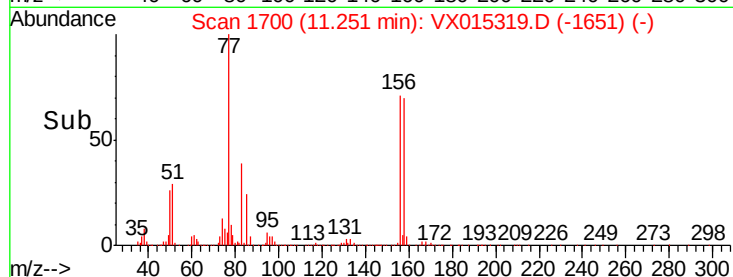
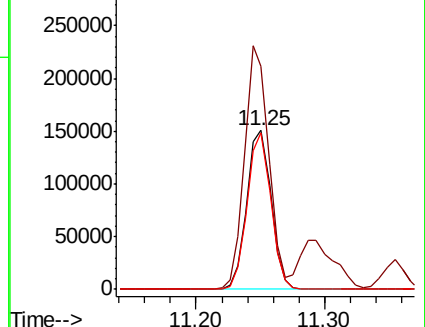
158 96.0 48.5 145.6



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: 58.739 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015319.D

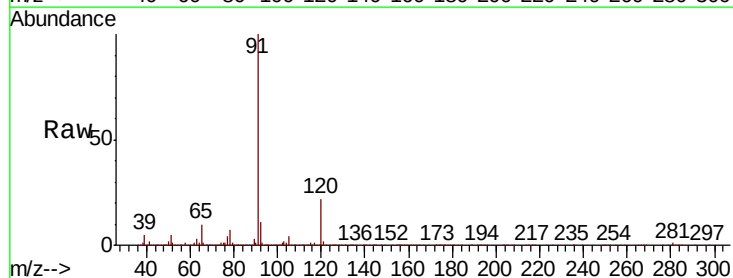
Acq: 17 Mar 2020 14:05

Tgt Ion: 91 Resp: 865127

Ion Ratio Lower Upper

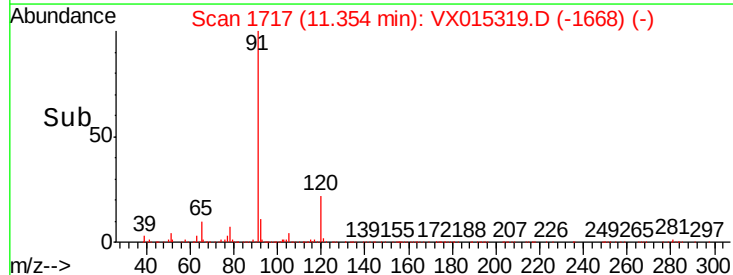
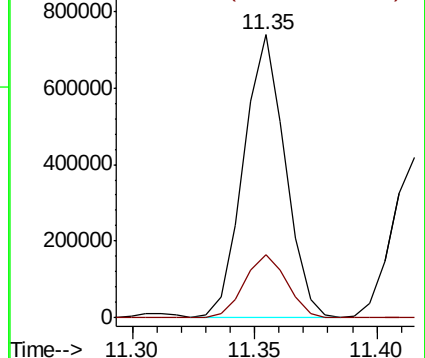
91 100

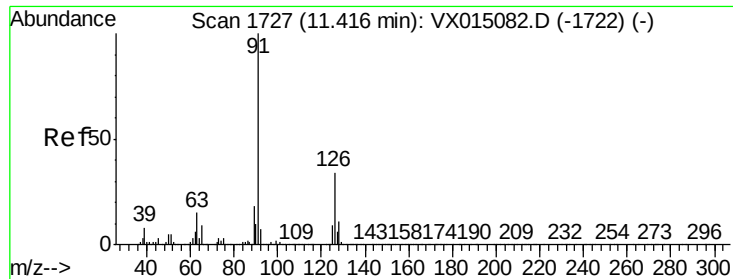
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

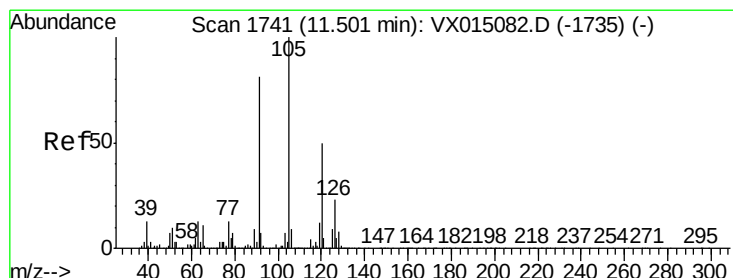
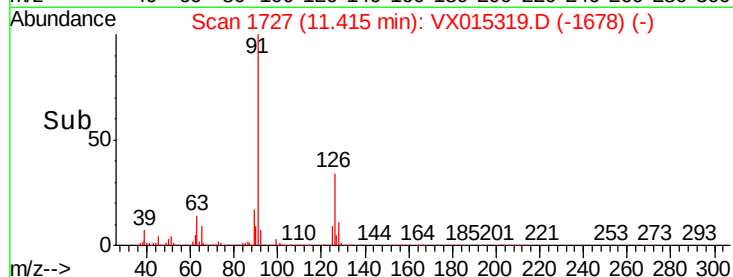
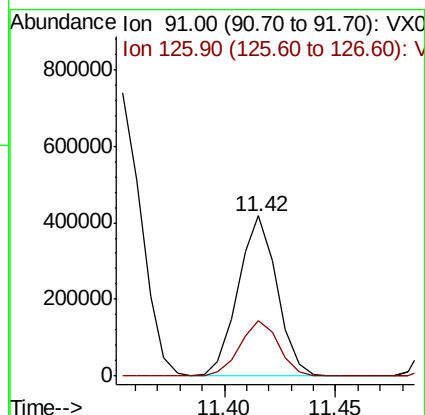
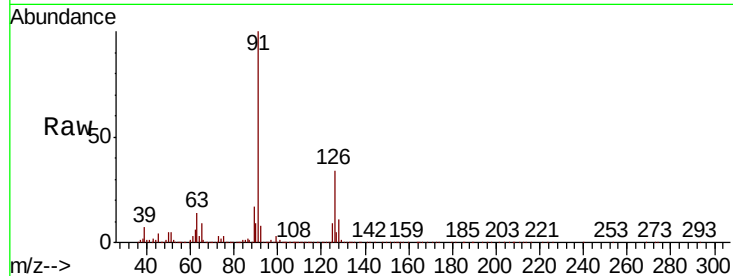




#79
2-Chlorotoluene
Concen: 57.474 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

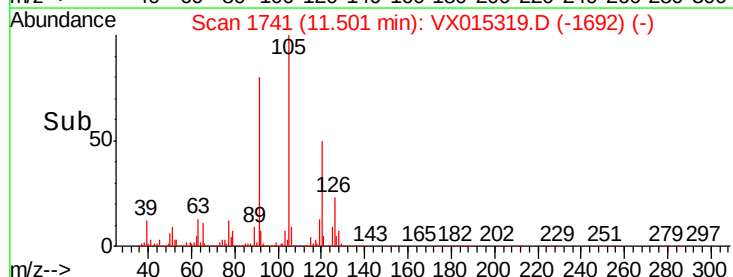
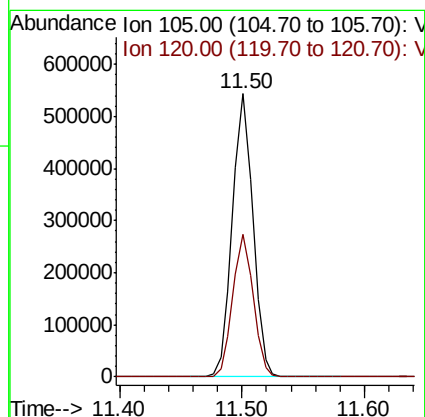
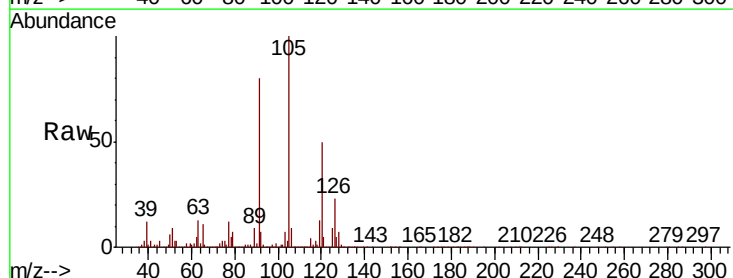
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

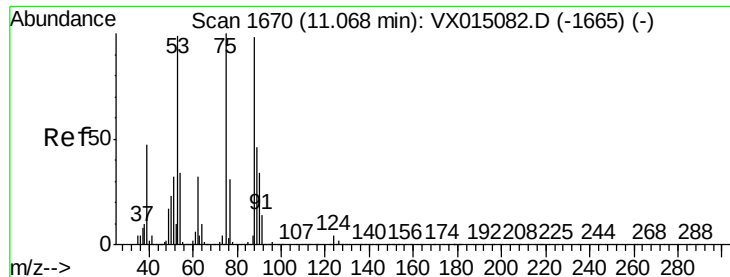
Tot Ion: 91 Resp: 505529
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 58.554 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 105 Resp: 628391
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 56.616 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

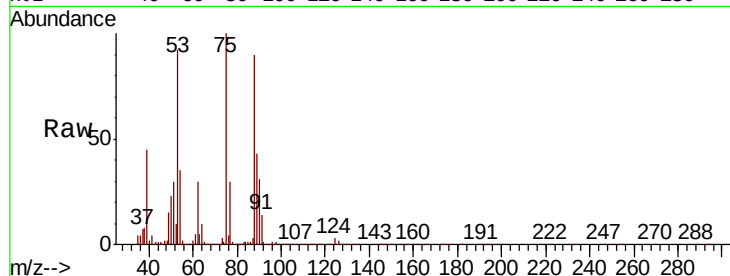
Tot Ion: 75 Resp: 80305

Ion Ratio Lower Upper

75 100

53 92.8 77.9 116.9

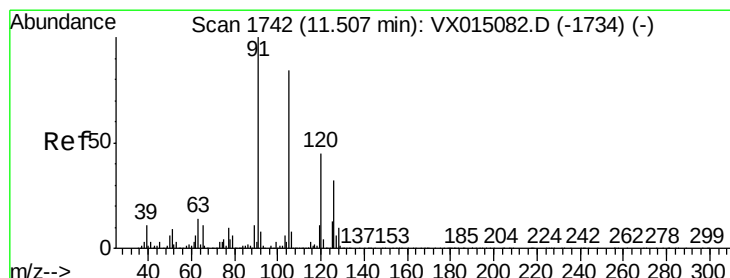
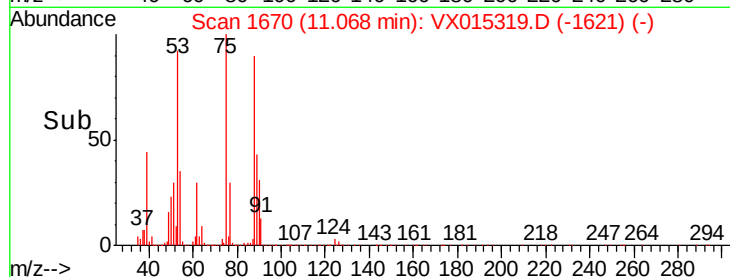
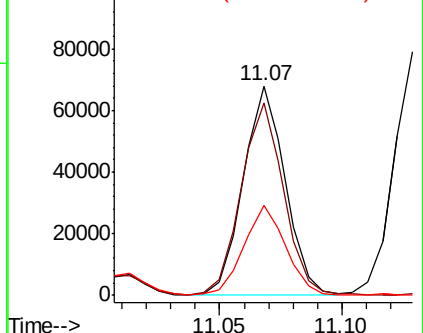
89 43.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.461 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015319.D

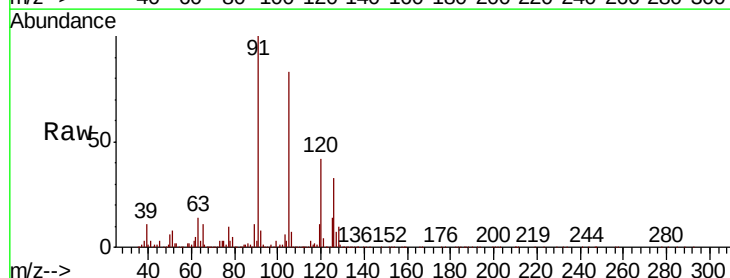
Acq: 17 Mar 2020 14:05

Tgt Ion: 91 Resp: 586719

Ion Ratio Lower Upper

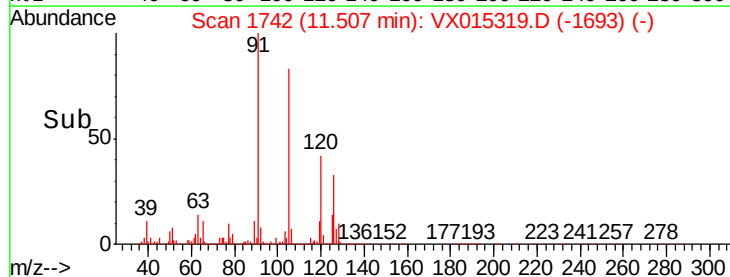
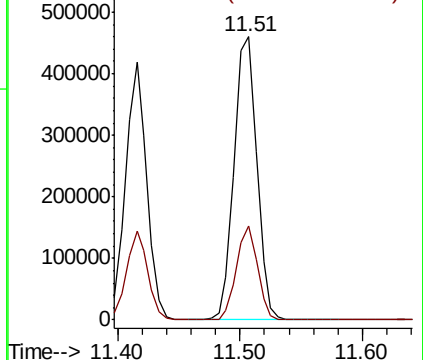
91 100

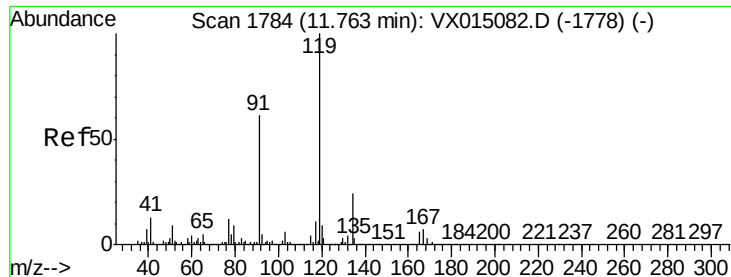
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.742 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

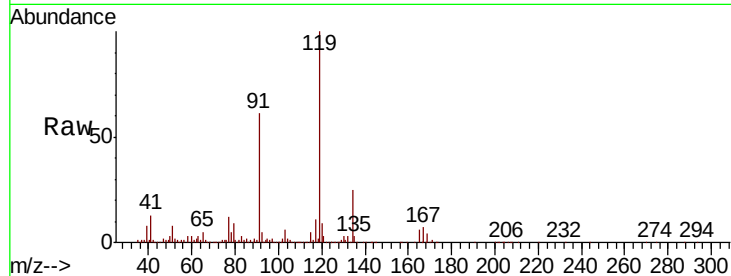
Tot Ion:119 Resp: 516167

Ion Ratio Lower Upper

119 100

91 57.3 28.5 85.6

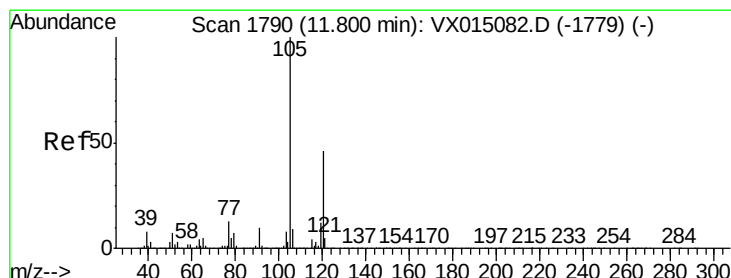
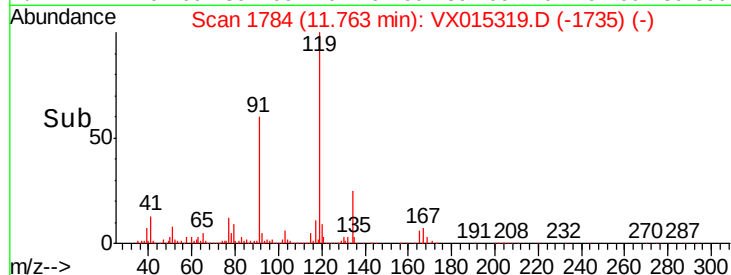
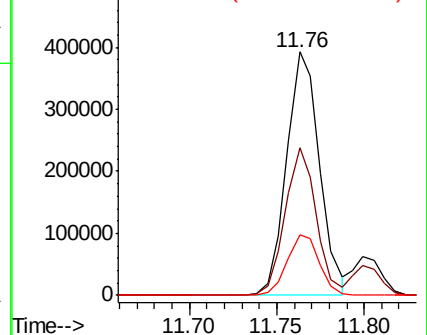
134 24.4 11.9 35.7



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: 54.781 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015319.D

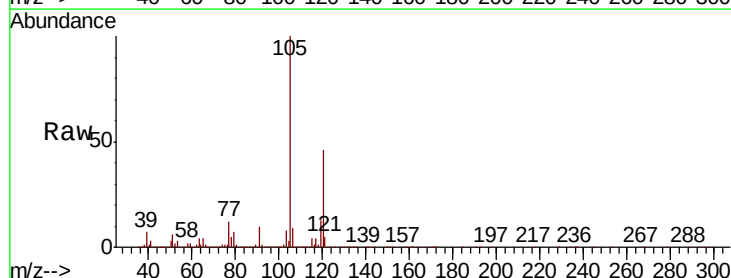
Acq: 17 Mar 2020 14:05

Tgt Ion:105 Resp: 590605

Ion Ratio Lower Upper

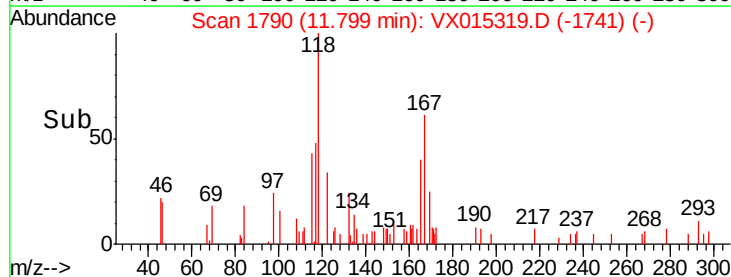
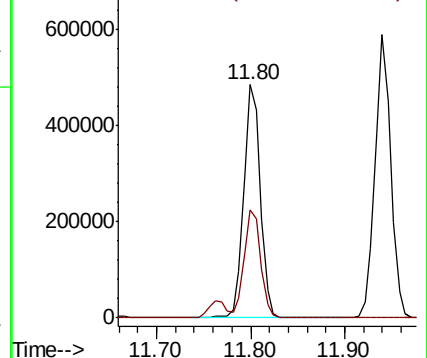
105 100

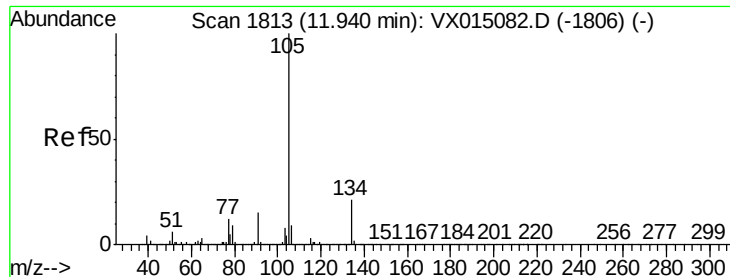
120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.493 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

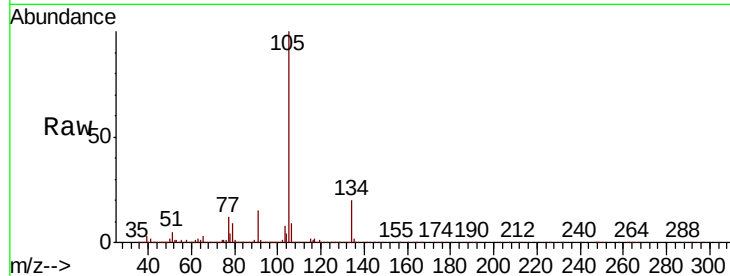
VSTDCCC050EC

Tot Ion:105 Resp: 682626

Ion Ratio Lower Upper

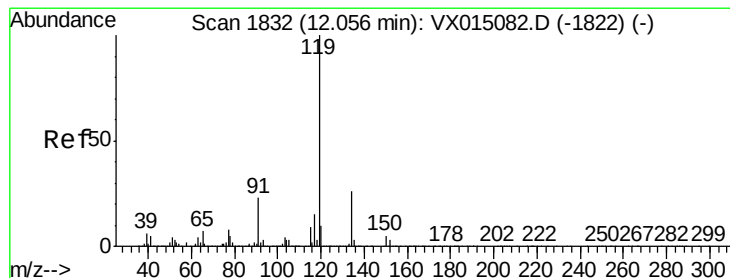
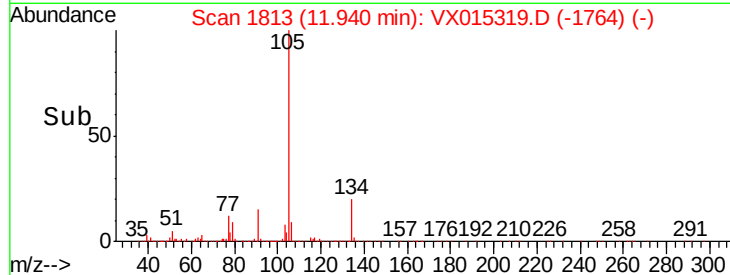
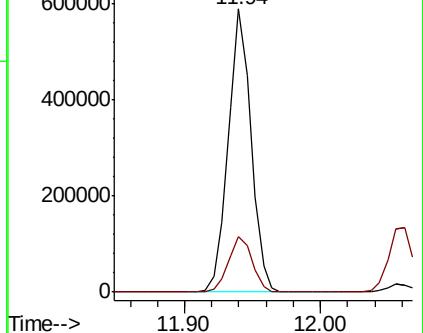
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.765 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

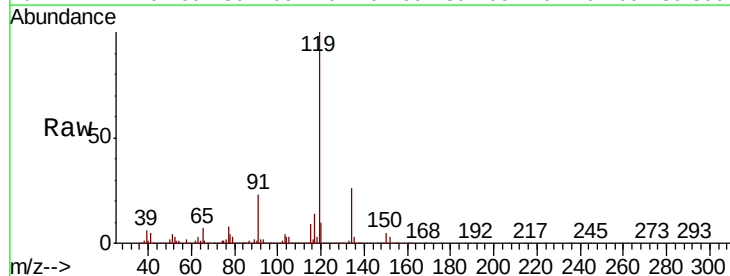
Tgt Ion:119 Resp: 632053

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

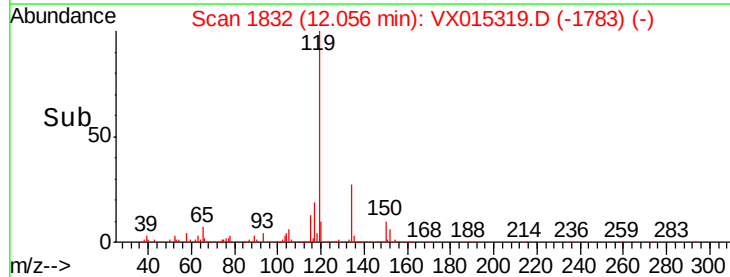
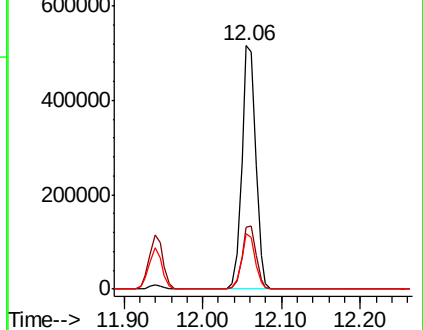
91 22.2 11.3 33.8

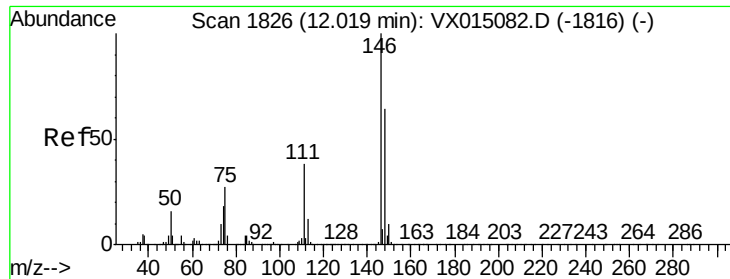


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.896 ug/l

RT: 12.02 min Scan# 1826

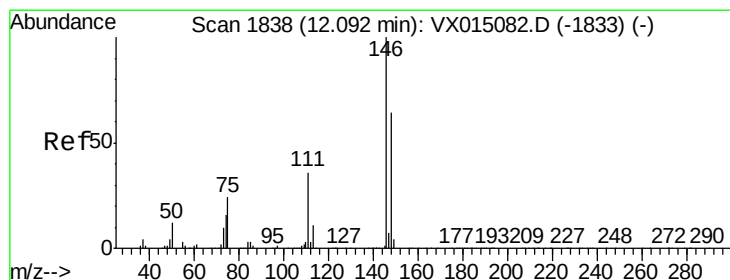
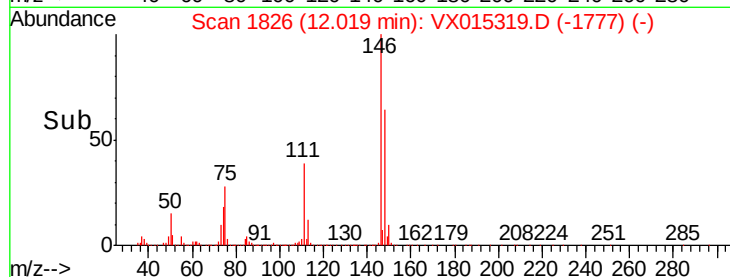
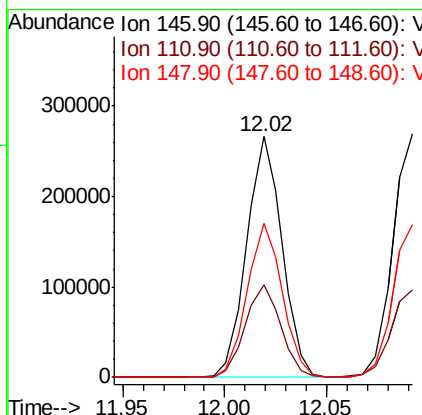
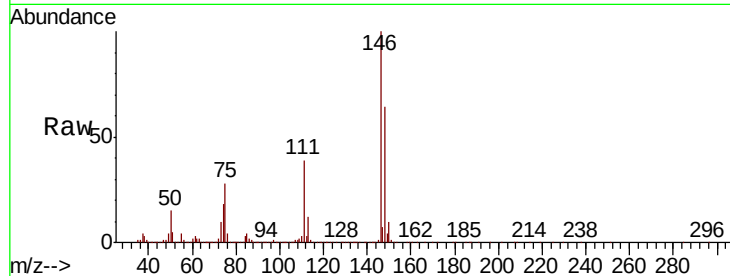
Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	63.8	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 49.370 ug/l

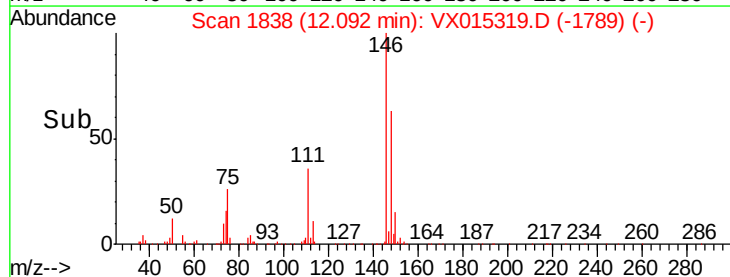
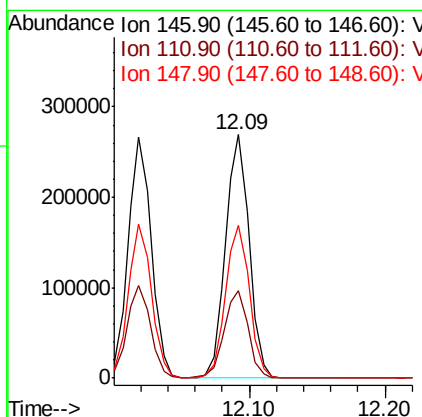
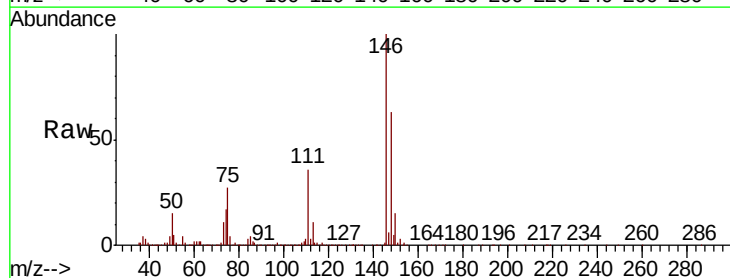
RT: 12.09 min Scan# 1838

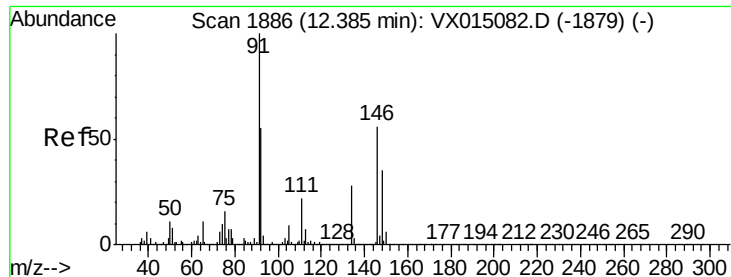
Delta R.T. -0.00 min

Lab File: VX015319.D

Acq: 17 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	63.9	32.5	97.4

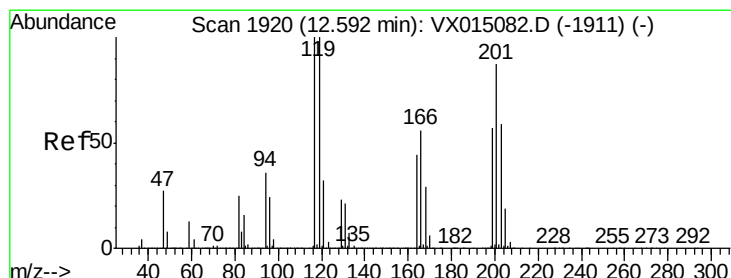
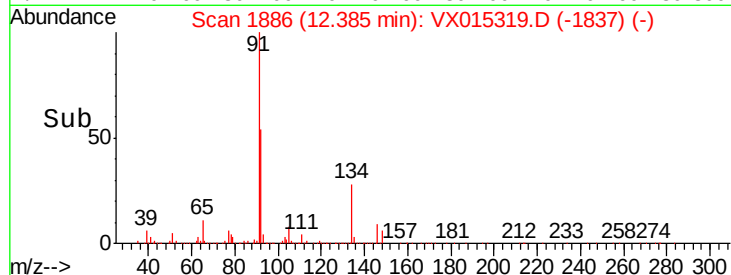
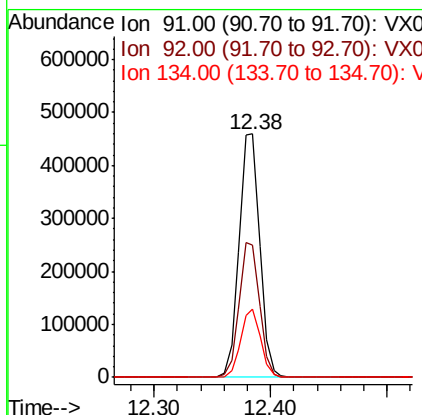
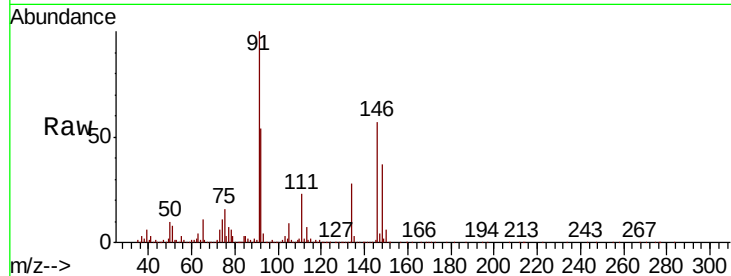




#89
n-Butylbenzene
Concen: 55.363 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

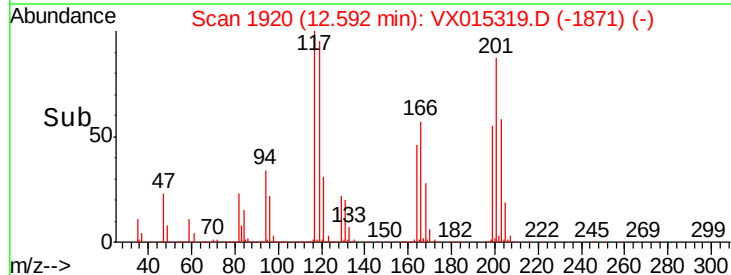
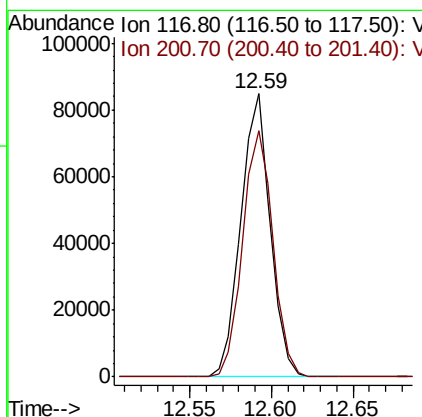
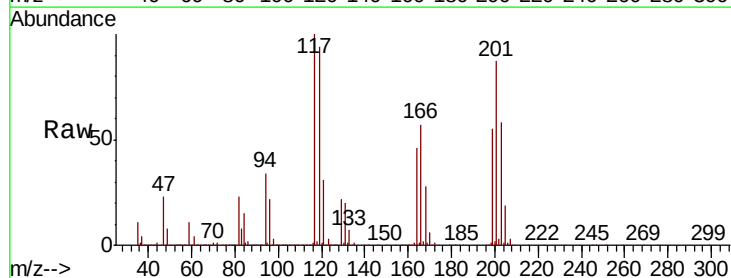
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

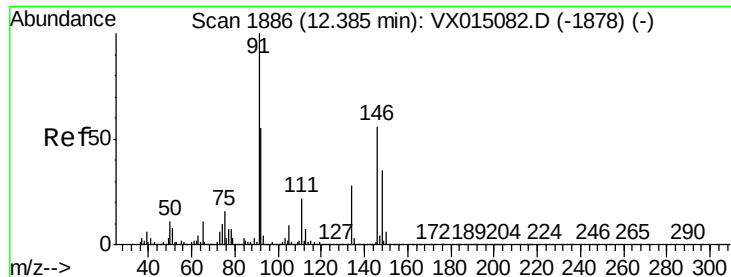
Tot Ion: 91 Resp: 568286
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 48.972 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion: 117 Resp: 106851
Ion Ratio Lower Upper
117 100
201 89.4 43.5 130.7

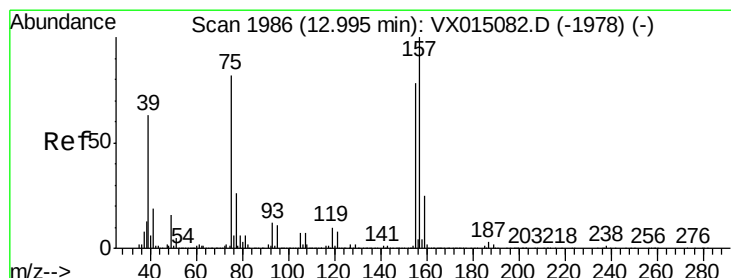
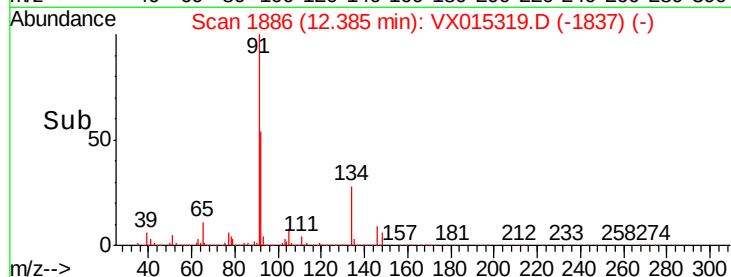
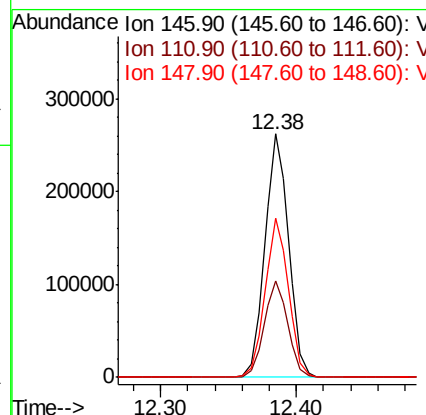
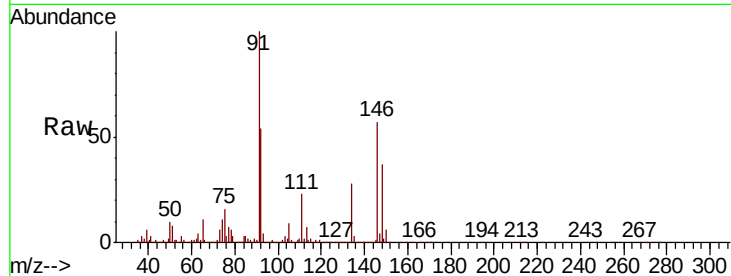




#91
 1,2-Dichlorobenzene
 Concen: 51.199 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

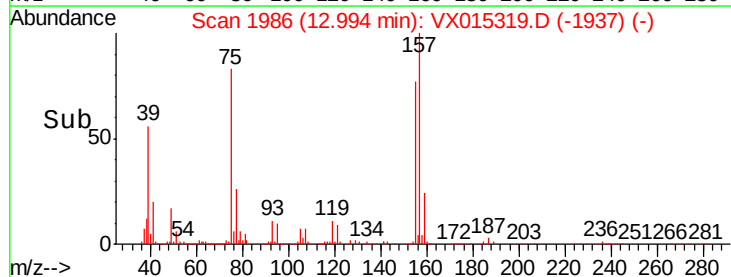
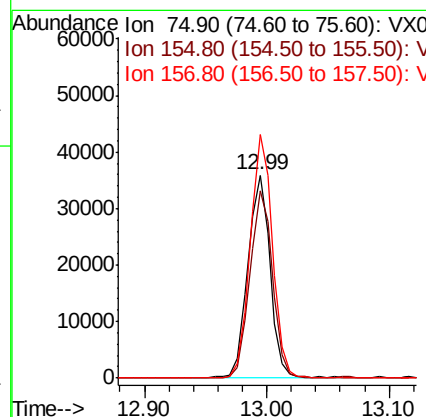
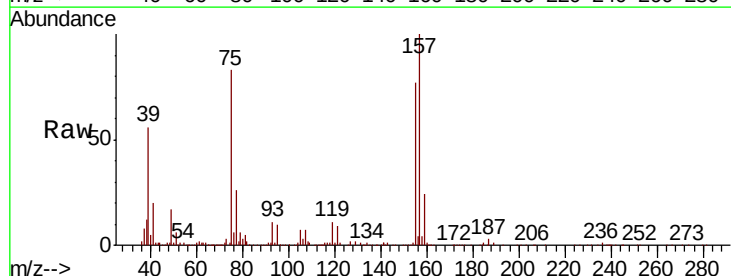
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

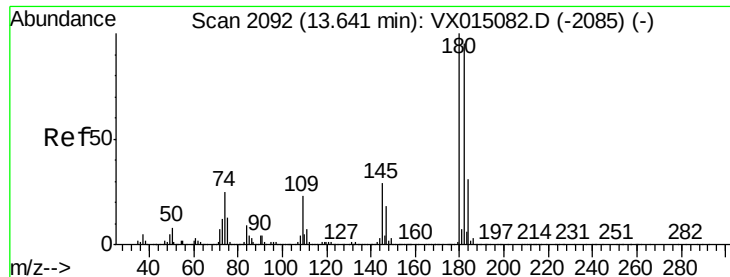
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	64.2	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.712 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	46.6	139.7
157	120.0	59.2	177.5

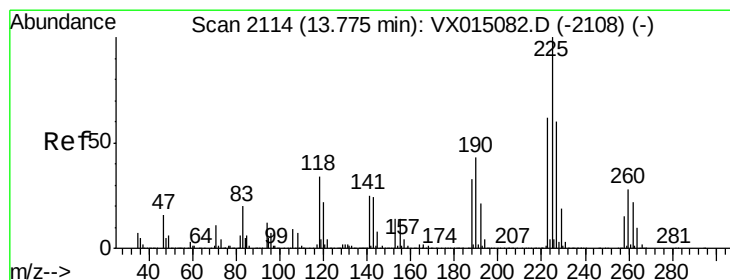
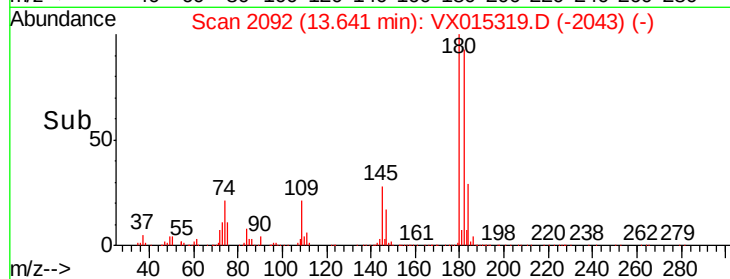
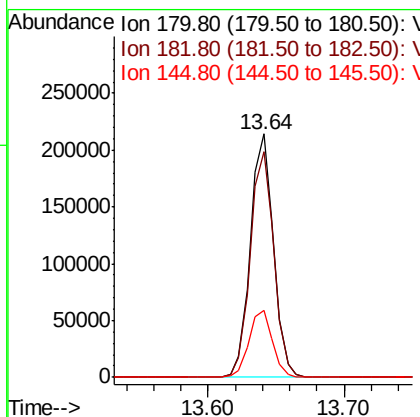
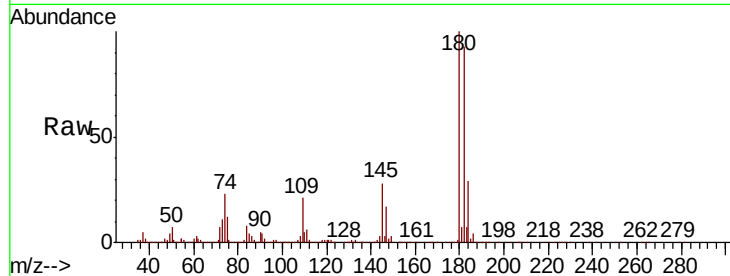




#93
 1,2,4-Trichlorobenzene
 Concen: 58.634 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

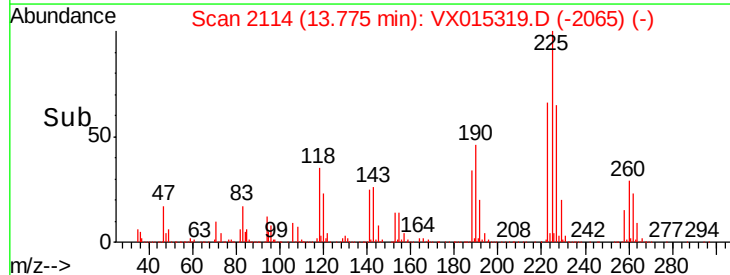
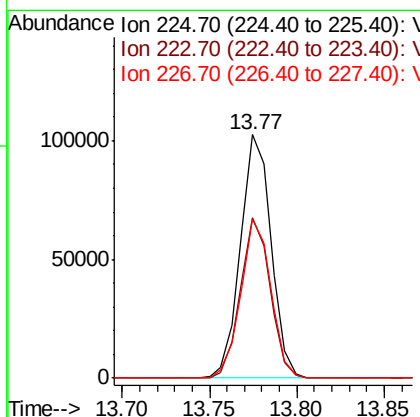
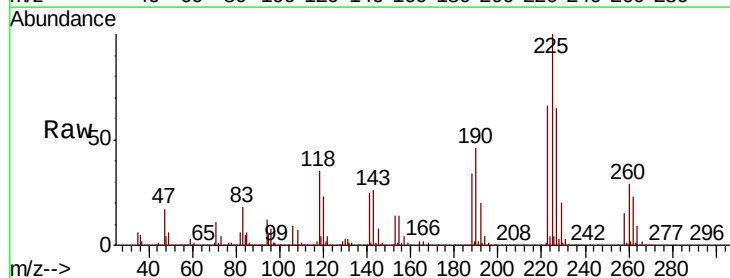
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

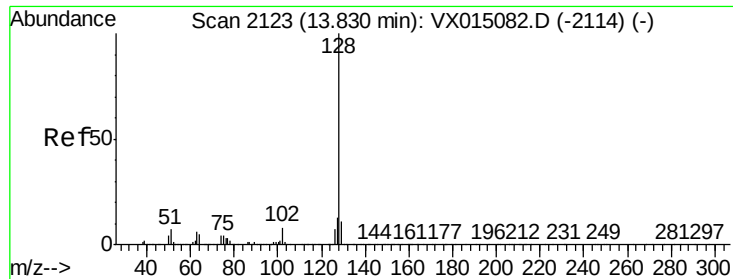
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 55.837 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015319.D
 Acq: 17 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	64.1	31.1	93.2

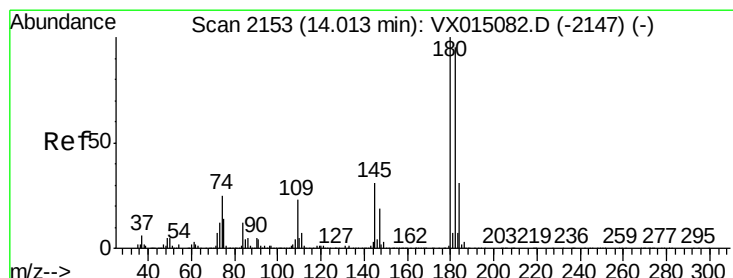
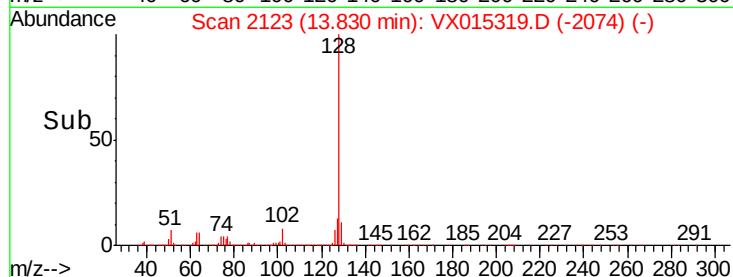
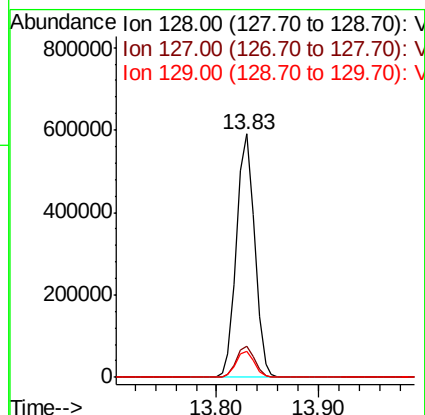
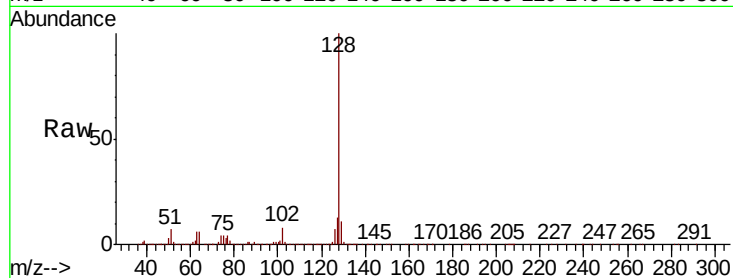




#95
Naphthalene
Concen: 53.884 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 721308
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 59.731 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015319.D
Acq: 17 Mar 2020 14:05

Tgt Ion:180 Resp: 259763
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.4
145 29.9 15.1 45.3

