

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015964.D
 Acq On : 28 Apr 2020 11:58
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 28 12:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 12:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	541857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	492547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	85024	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	
35) Dibromofluoromethane	5.47	113	61852	18.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.76%	
50) Toluene-d8	8.70	98	252491	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	11.12	95	94249	18.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	57515	18.177	ug/l	100
3) Chloromethane	1.31	50	71379	18.113	ug/l	98
4) Vinyl Chloride	1.39	62	86112	17.964	ug/l	99
5) Bromomethane	1.63	94	56846	28.952	ug/l	99
6) Chloroethane	1.71	64	52060	17.634	ug/l	99
7) Trichlorofluoromethane	1.92	101	104651	17.663	ug/l	93
8) Diethyl Ether	2.17	74	47080	17.402	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59501	17.955	ug/l	98
10) Methyl Iodide	2.49	142	76858	17.226	ug/l	99
11) Tert butyl alcohol	3.01	59	106511	96.522	ug/l	100
12) 1,1-Dichloroethene	2.36	96	62858	18.005	ug/l	98
13) Acrolein	2.28	56	23191	103.911	ug/l	98
14) Allyl chloride	2.71	41	114994	18.554	ug/l	99
15) Acrylonitrile	3.12	53	210625	93.289	ug/l	100
16) Acetone	2.42	43	183369	94.022	ug/l	100
17) Carbon Disulfide	2.55	76	191601	16.687	ug/l	98
18) Methyl Acetate	2.75	43	103840	18.267	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	231069	18.272	ug/l	99
20) Methylene Chloride	2.84	84	73538	18.459	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	68255	17.810	ug/l	99
22) Diisopropyl ether	3.82	45	223512	18.184	ug/l	97
23) Vinyl Acetate	3.79	43	981893	93.499	ug/l	100
24) 1,1-Dichloroethane	3.67	63	128805	18.466	ug/l	99
25) 2-Butanone	4.64	43	297679	94.465	ug/l	99
26) 2,2-Dichloropropane	4.56	77	114250	18.044	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	79055	18.206	ug/l	98
28) Bromochloromethane	4.98	49	60625	19.661	ug/l	98
29) Tetrahydrofuran	5.09	42	192628	92.875	ug/l	99
30) Chloroform	5.18	83	128660	18.614	ug/l	97
31) Cyclohexane	5.56	56	117698	18.710	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	112373	18.182	ug/l	99
36) 1,1-Dichloropropene	5.78	75	97635	17.663	ug/l	99
37) Ethyl Acetate	4.79	43	115589	18.903	ug/l	99
38) Carbon Tetrachloride	5.76	117	94992	17.922	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	117353	17.685	ug/l	100
40) Benzene	6.12	78	291171	18.072	ug/l	98
41) Methacrylonitrile	5.01	41	61506	19.115	ug/l	98
42) 1,2-Dichloroethane	6.17	62	107178	18.208	ug/l	100
43) Isopropyl Acetate	6.42	43	187435	18.462	ug/l	100
44) Trichloroethene	7.20	130	98233	18.557	ug/l	96
45) 1,2-Dichloropropane	7.49	63	76724	18.639	ug/l	98
46) Dibromomethane	7.64	93	50842	18.261	ug/l	99
47) Bromodichloromethane	7.88	83	103039	18.208	ug/l	98
48) Methyl methacrylate	7.75	41	88239	18.569	ug/l	99
49) 1,4-Dioxane	7.71	88	40456	379.993	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	576175	94.109	ug/l	100
52) Toluene	8.77	92	182609	18.142	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	121404	17.865	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	128244	18.081	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	73134	18.089	ug/l	99
56) Ethyl methacrylate	9.16	69	122648	18.521	ug/l	99
57) 1,3-Dichloropropane	9.35	76	125187	17.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	311282	91.885	ug/l	100
59) 2-Hexanone	9.48	43	447960	93.894	ug/l	99
60) Dibromochloromethane	9.57	129	72943	17.845	ug/l	100
61) 1,2-Dibromoethane	9.66	107	76568	18.143	ug/l	99
64) Tetrachloroethene	9.32	164	97377	18.128	ug/l	92
65) Chlorobenzene	10.12	112	190990	18.346	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	67388	18.062	ug/l	99
67) Ethyl Benzene	10.24	91	353502	18.467	ug/l	99
68) m/p-Xylenes	10.34	106	257970	36.112	ug/l	99
69) o-Xylene	10.68	106	124288	18.029	ug/l	99
70) Styrene	10.70	104	212149	18.197	ug/l	100
71) Bromoform	10.84	173	45654	17.290	ug/l #	97
73) Isopropylbenzene	11.01	105	337950	18.679	ug/l	100
74) N-amyl acetate	10.88	43	161971	19.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	59672	17.065	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	146226	25.427	ug/l	81
77) Bromobenzene	11.24	156	74569	18.358	ug/l	100
78) n-propylbenzene	11.35	91	390850	18.212	ug/l	99
79) 2-Chlorotoluene	11.40	91	232018	18.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	284276	18.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	44885	18.069	ug/l	98
82) 4-Chlorotoluene	11.49	91	273282	18.206	ug/l	100
83) tert-Butylbenzene	11.76	119	235196	18.187	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	283662	18.226	ug/l	100
85) sec-Butylbenzene	11.93	105	324322	18.131	ug/l	99
86) p-Isopropyltoluene	12.05	119	289575	17.619	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134805	17.507	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	139573	17.973	ug/l	99
89) n-Butylbenzene	12.37	91	274834	18.092	ug/l	98
90) Hexachloroethane	12.58	117	49750	17.663	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	134131	18.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	27102	18.252	ug/l	98

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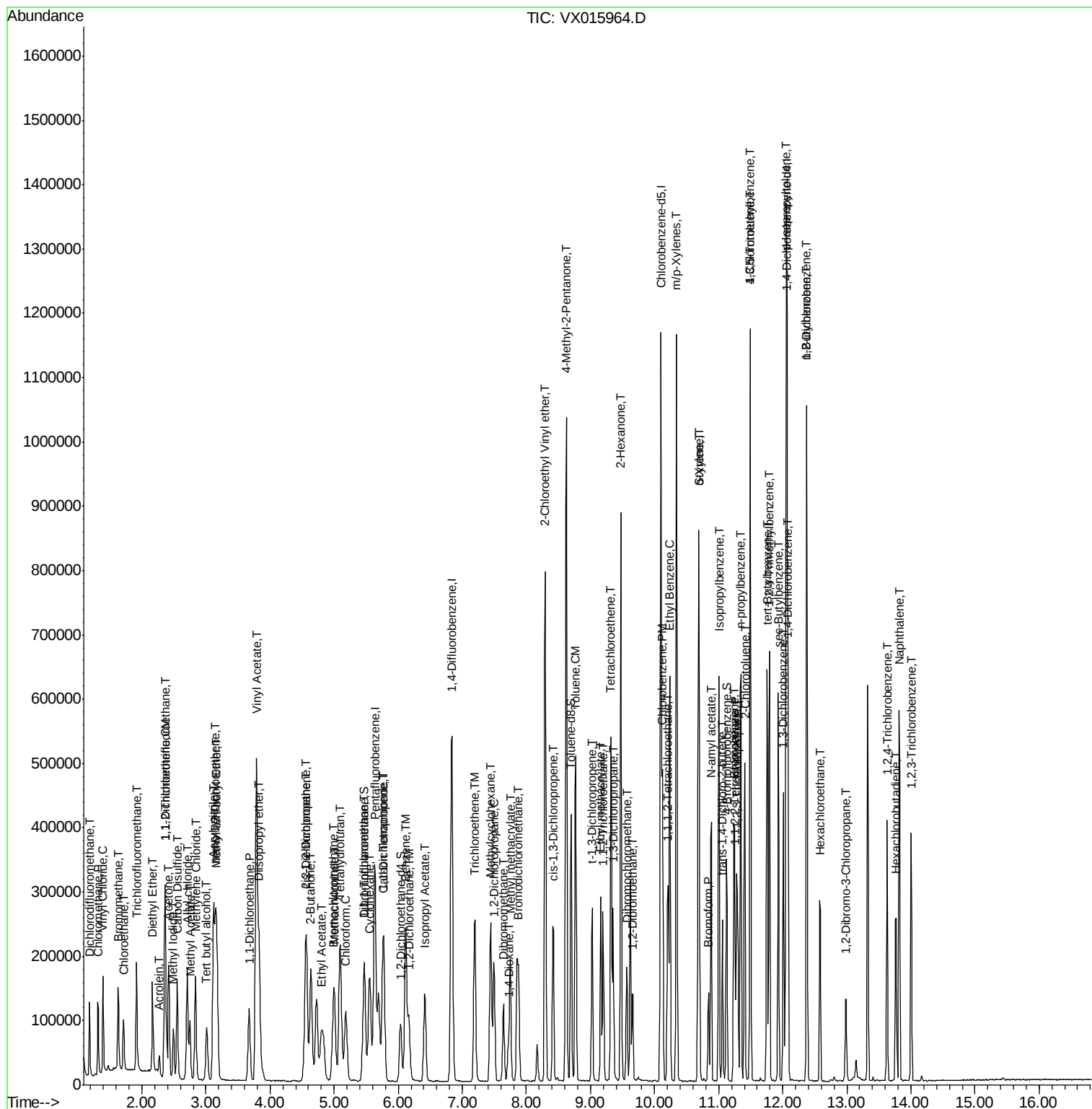
Instrument :
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ClientSampleId :
VSTDICCC050

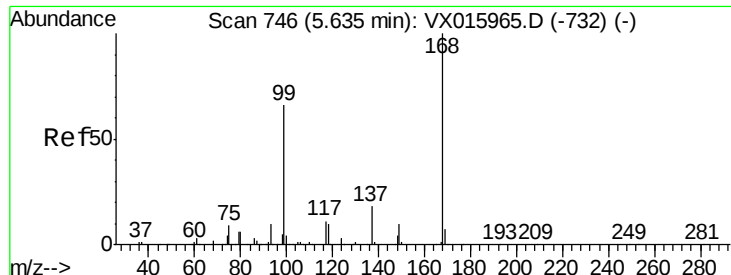
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 12:43:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85983	17.843	ug/l	99
94) Hexachlorobutadiene	13.76	225	32258	17.725	ug/l	95
95) Naphthalene	13.82	128	338027	18.478	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	86429	18.255	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

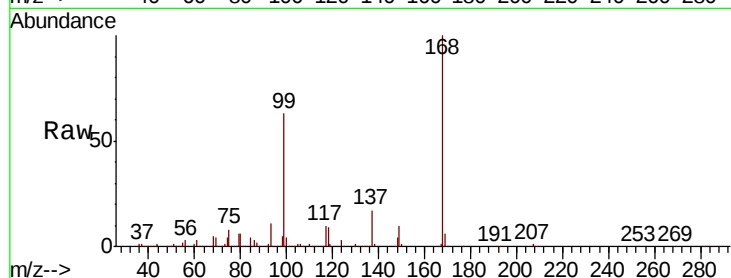
VSTDICCC050

Tot Ion:168 Resp: 293122

Ion Ratio Lower Upper

168 100

99 63.3 52.8 79.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

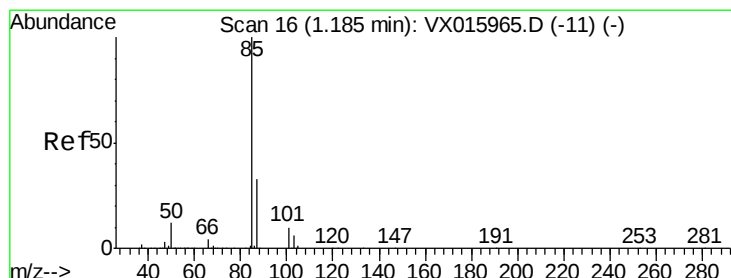
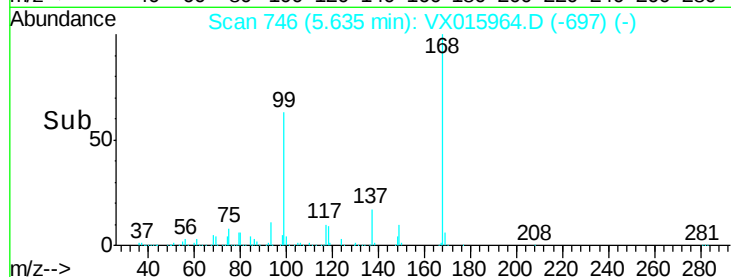
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.177 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX015964.D

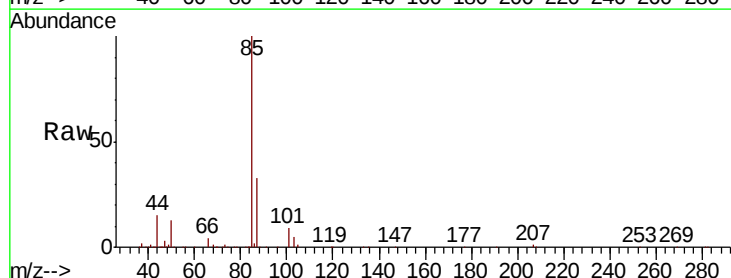
Acq: 28 Apr 2020 11:58

Tgt Ion: 85 Resp: 57515

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

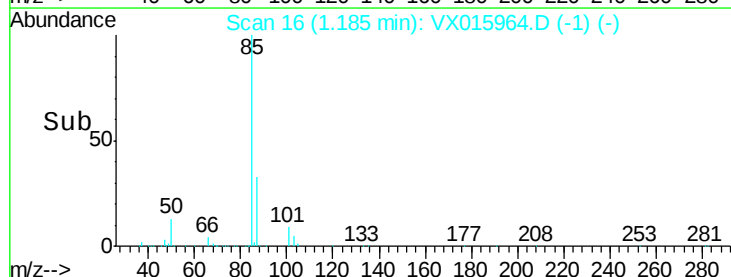
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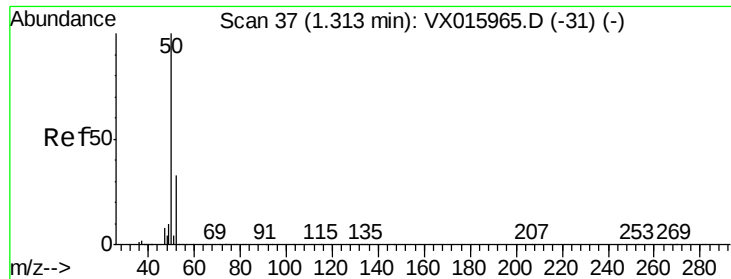
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20000

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Time-->





#3

Chloromethane

Concen: 18.113 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

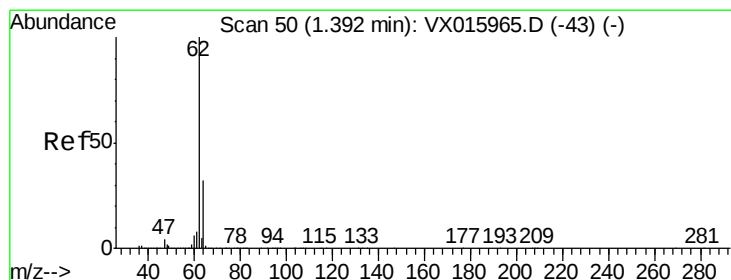
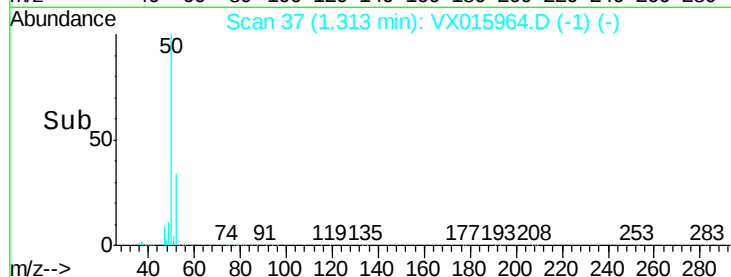
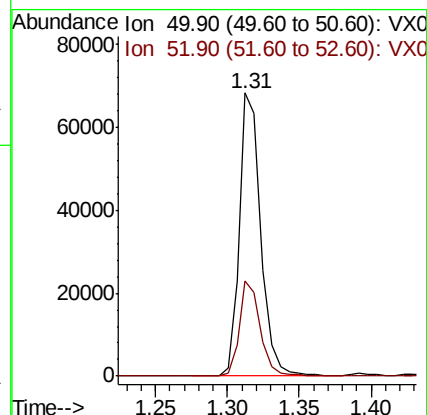
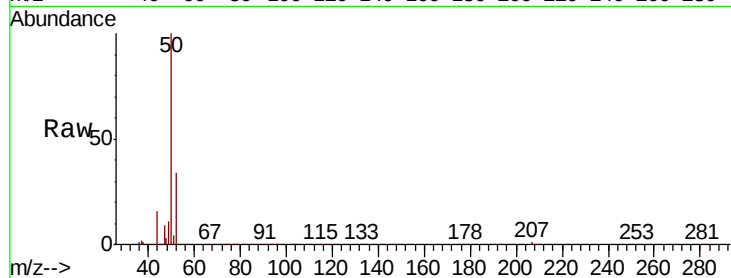
VSTDICCC050

Tot Ion: 50 Resp: 71379

Ion Ratio Lower Upper

50 100

52 33.8 26.3 39.5



#4

Vinyl Chloride

Concen: 17.964 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015964.D

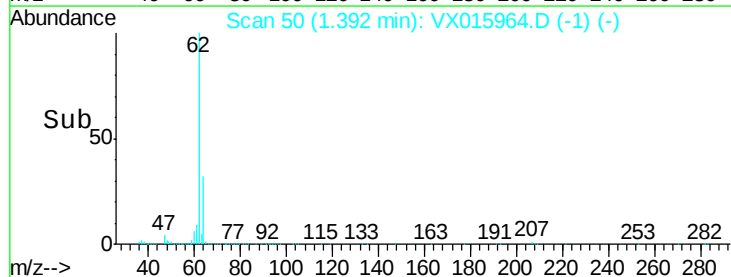
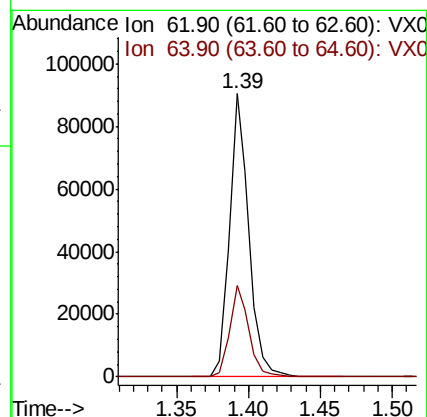
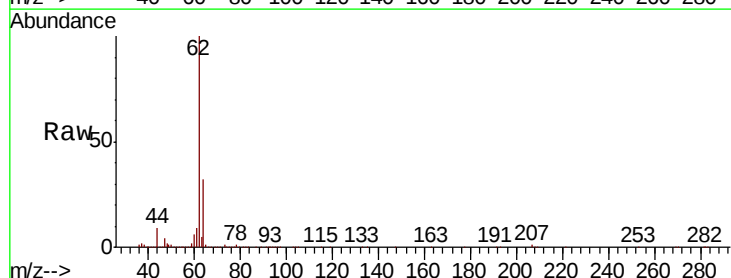
Acq: 28 Apr 2020 11:58

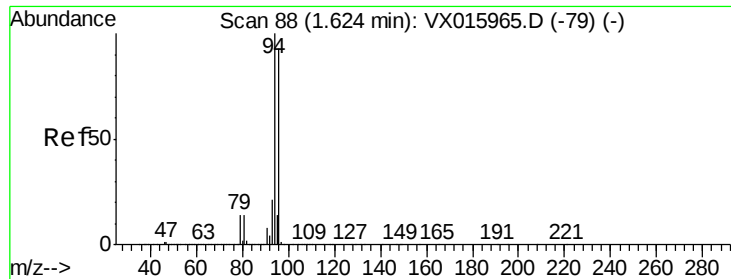
Tgt Ion: 62 Resp: 86112

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 28.952 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

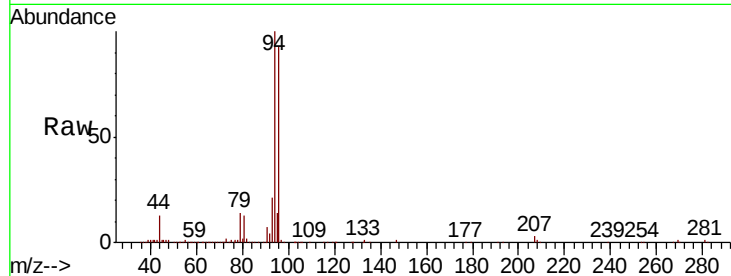
VSTDICCC050

Tot Ion: 94 Resp: 56846

Ion Ratio Lower Upper

94 100

96 92.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

50000

40000

30000

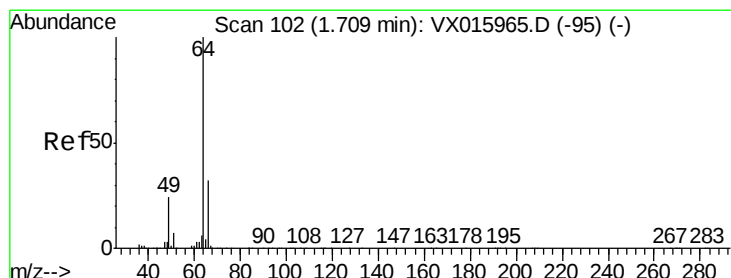
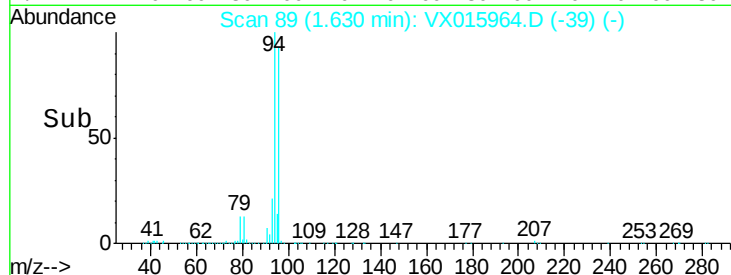
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.634 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015964.D

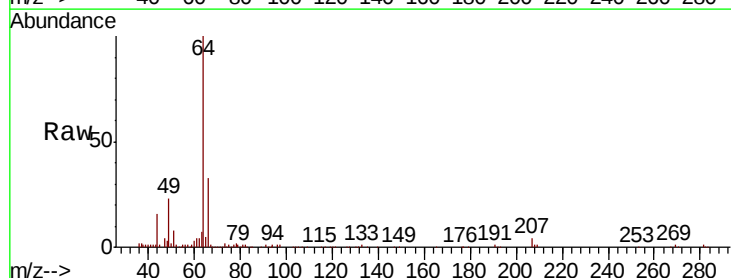
Acq: 28 Apr 2020 11:58

Tgt Ion: 64 Resp: 52060

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

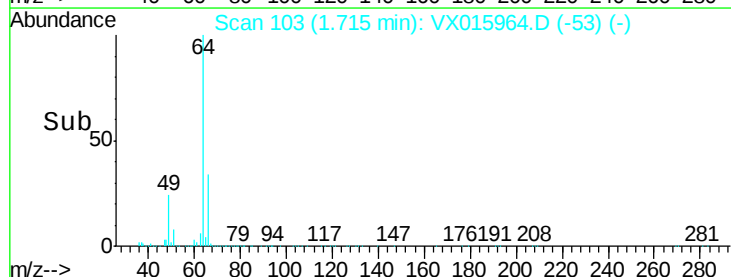
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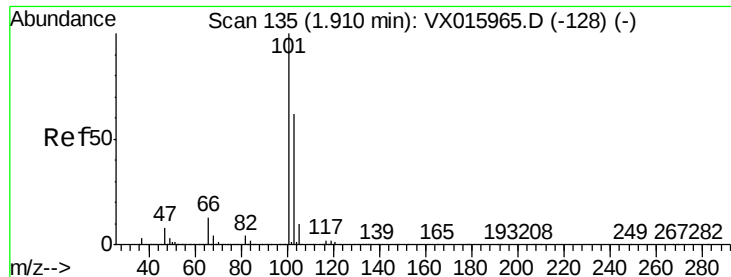
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Time-->

1.60 1.65 1.70 1.75 1.80



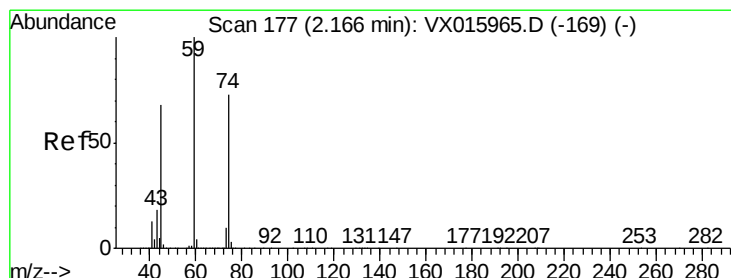
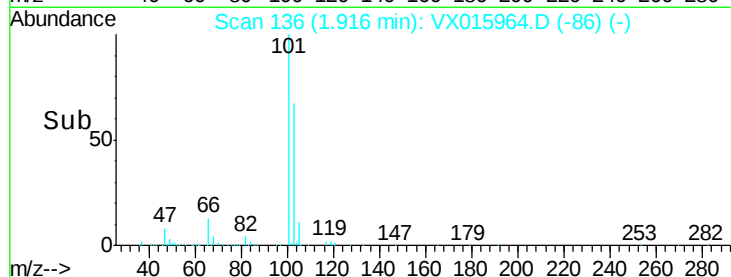
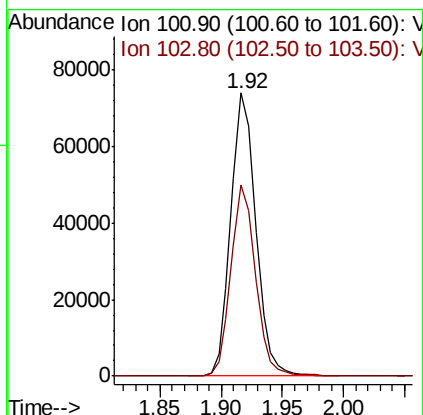
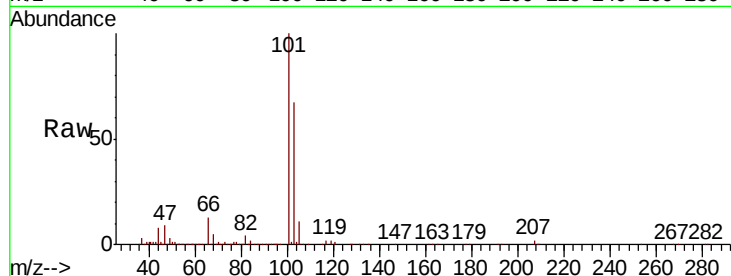


#7

Trichlorofluoromethane
 Concen: 17.663 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

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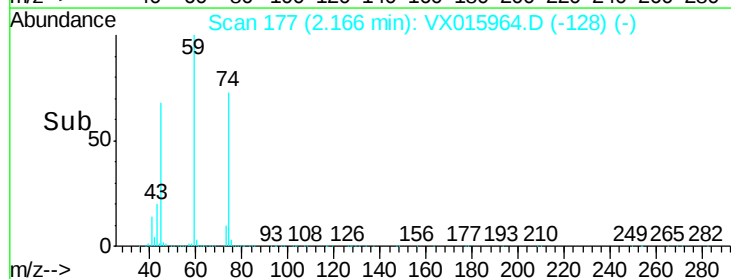
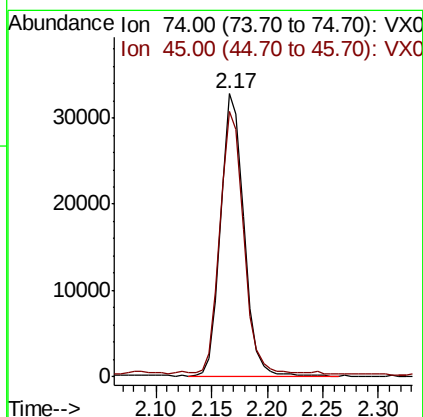
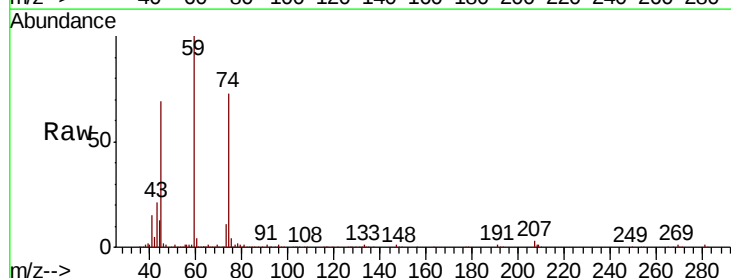
Tot Ion:101 Resp: 104651
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.4 74.2

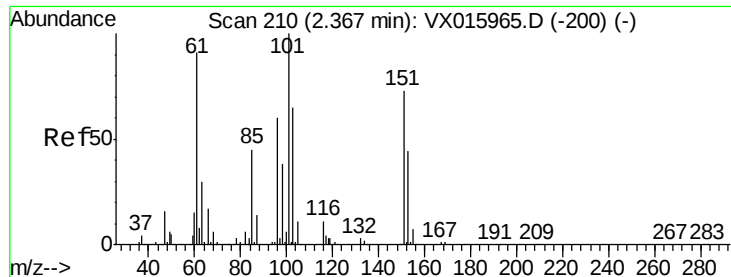


#8

Diethyl Ether
 Concen: 17.402 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion: 74 Resp: 47080
 Ion Ratio Lower Upper
 74 100
 45 95.8 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.955 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

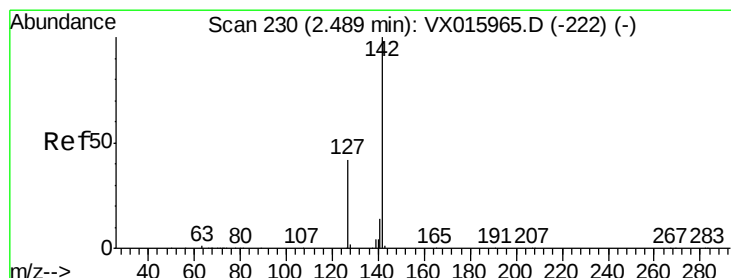
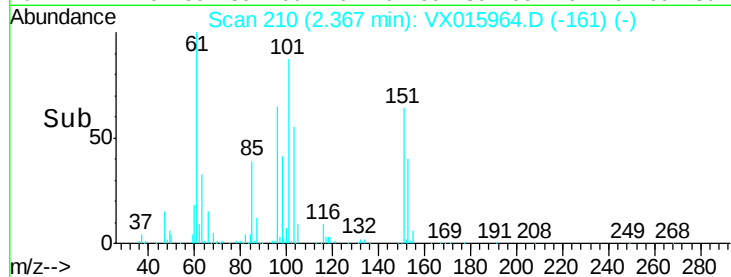
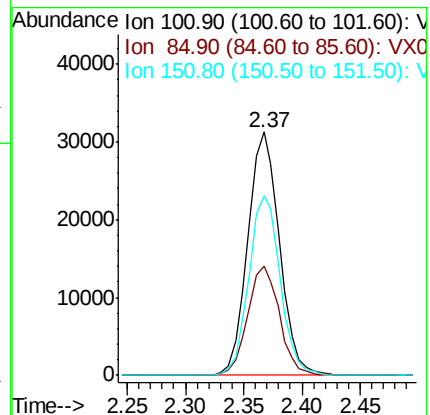
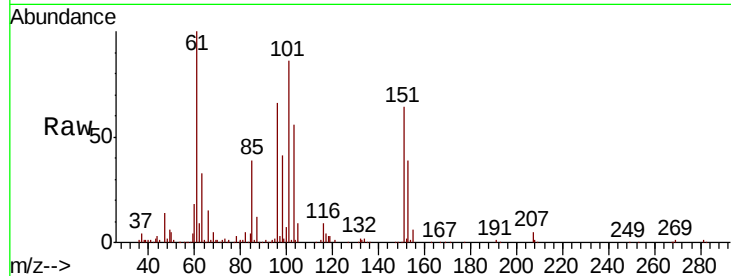
Tot Ion:101 Resp: 59501

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.4

151 73.6 57.2 85.8



#10

Methyl Iodide

Concen: 17.226 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

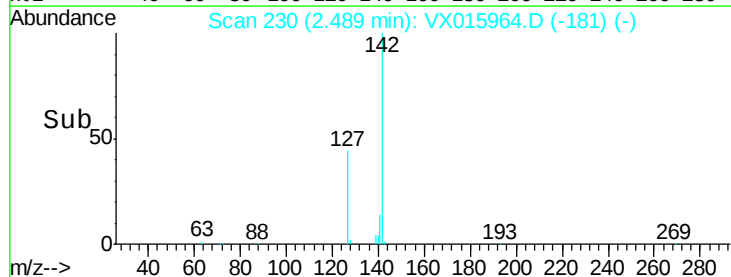
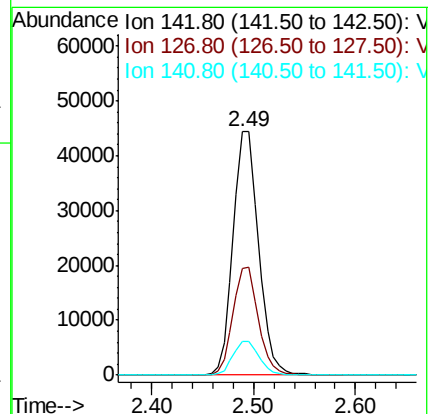
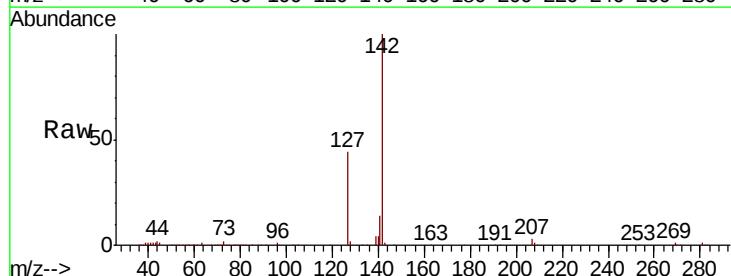
Tgt Ion:142 Resp: 76858

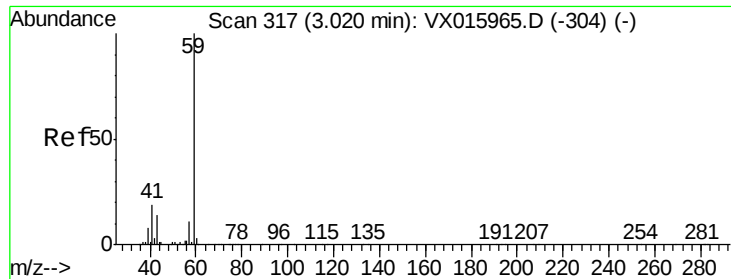
Ion Ratio Lower Upper

142 100

127 44.1 34.6 51.8

141 14.2 11.3 16.9



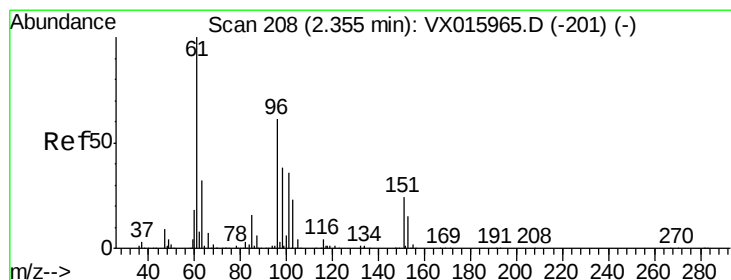
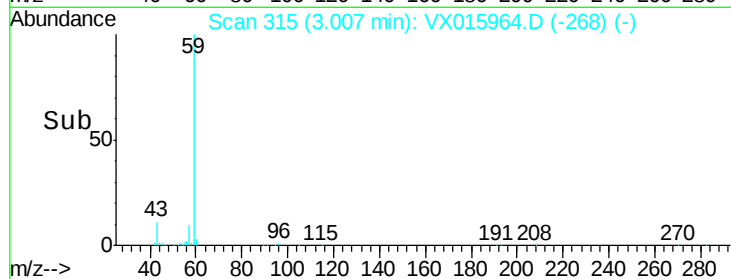
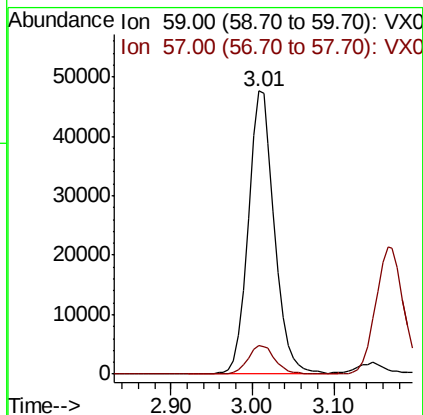
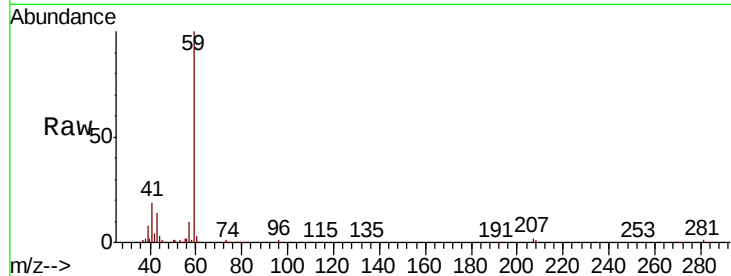


#11

Tert butyl alcohol
 Concen: 96.522 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

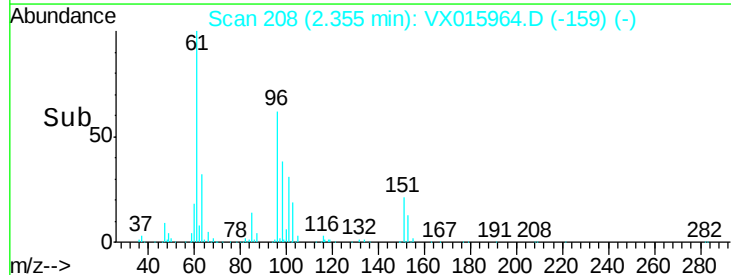
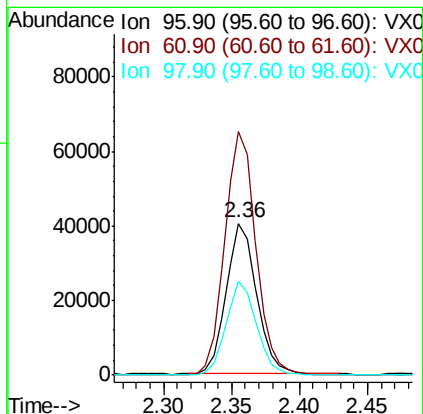
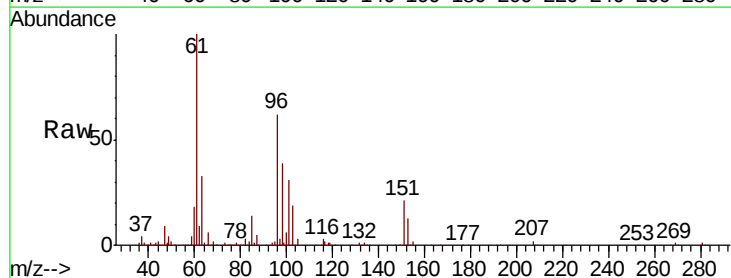
Tot Ion: 59 Resp: 106511
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

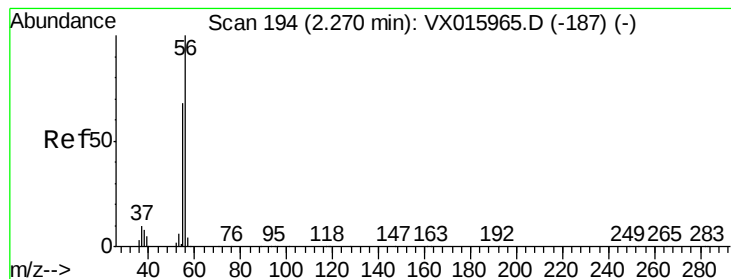


#12

1,1-Dichloroethene
 Concen: 18.005 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion: 96 Resp: 62858
 Ion Ratio Lower Upper
 96 100
 61 161.3 131.1 196.7
 98 62.3 49.4 74.2





#13

Acrolein

Concen: 103.911 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

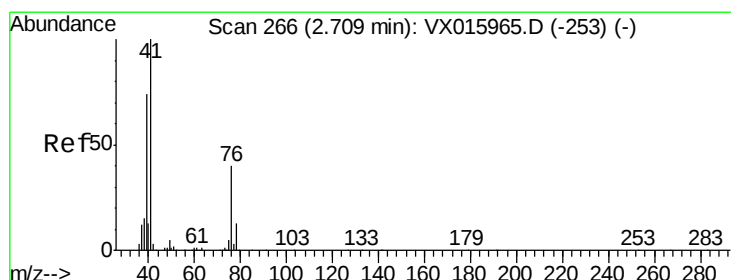
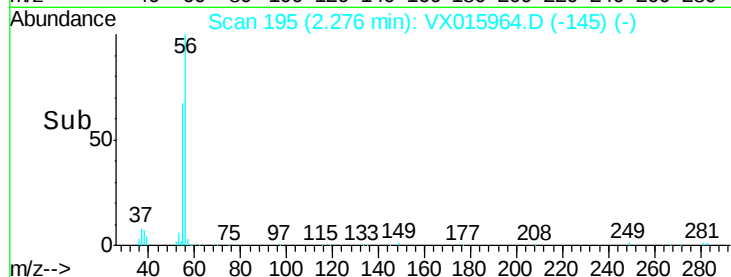
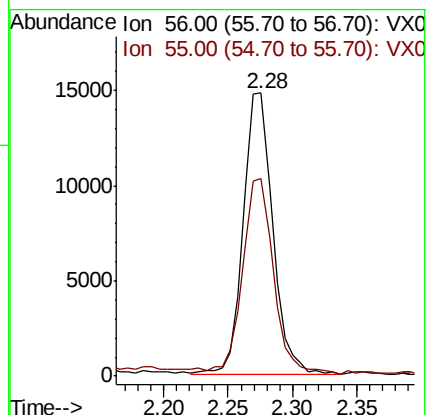
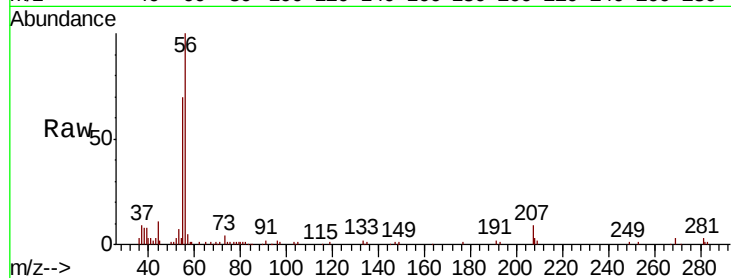
VSTDICCC050

Tot Ion: 56 Resp: 23191

Ion Ratio Lower Upper

56 100

55 73.1 57.2 85.8



#14

Allyl chloride

Concen: 18.554 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

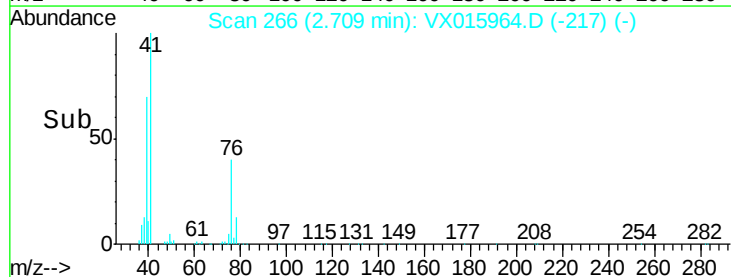
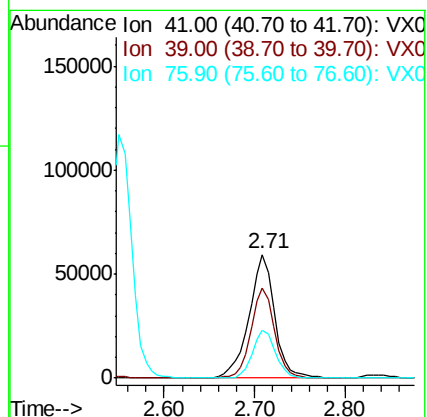
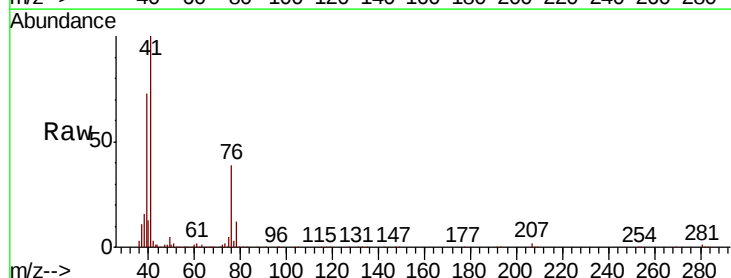
Tgt Ion: 41 Resp: 114994

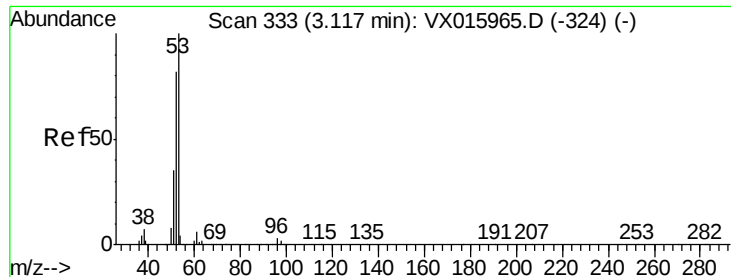
Ion Ratio Lower Upper

41 100

39 66.9 53.2 79.8

76 35.5 27.7 41.5





#15

Acrylonitrile

Concen: 93.289 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

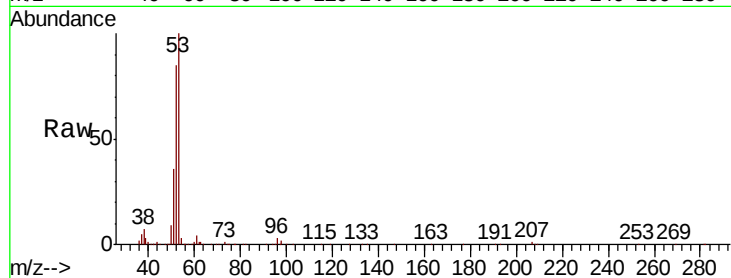
Tot Ion: 53 Resp: 210625

Ion Ratio Lower Upper

53 100

52 82.3 66.3 99.5

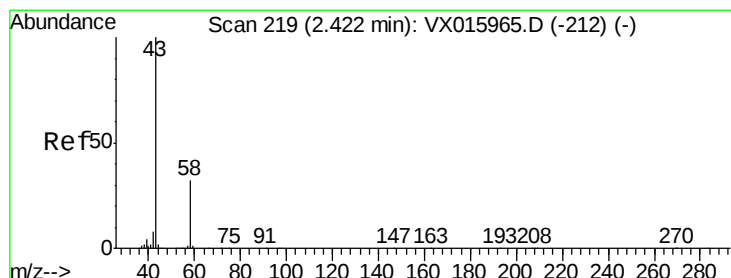
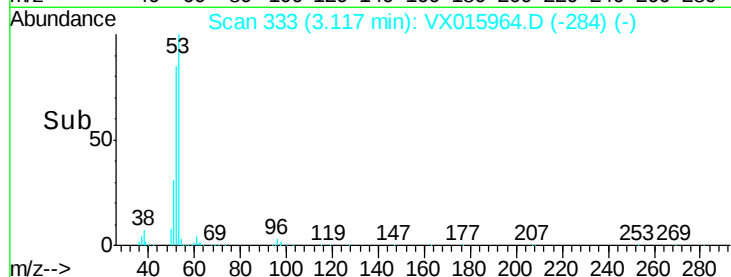
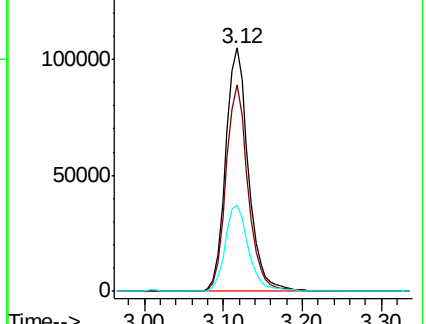
51 36.2 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.022 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015964.D

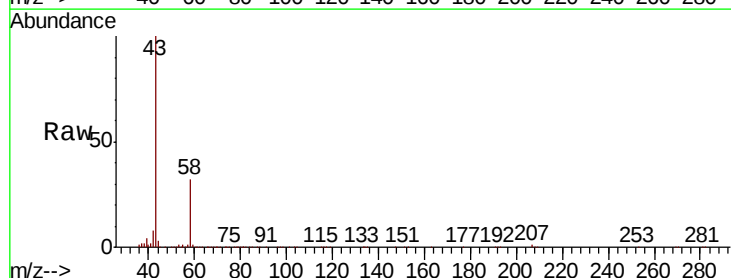
Acq: 28 Apr 2020 11:58

Tgt Ion: 43 Resp: 183369

Ion Ratio Lower Upper

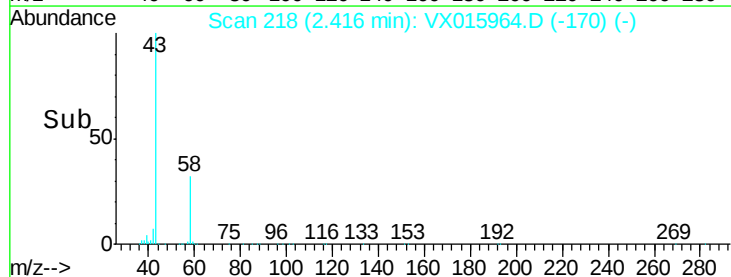
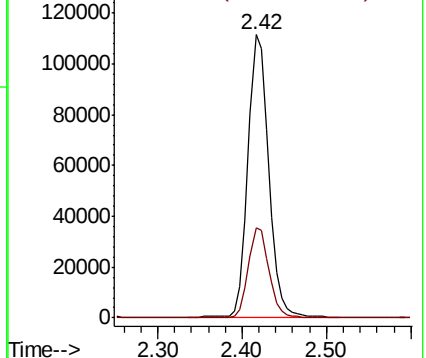
43 100

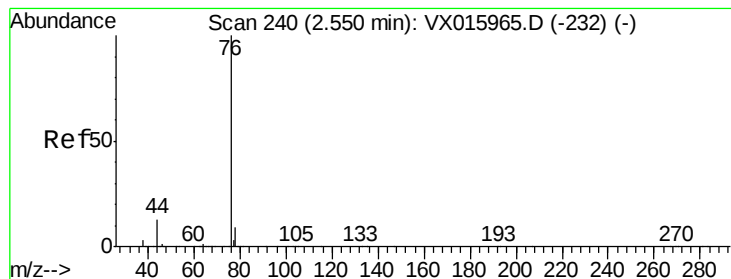
58 31.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.687 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

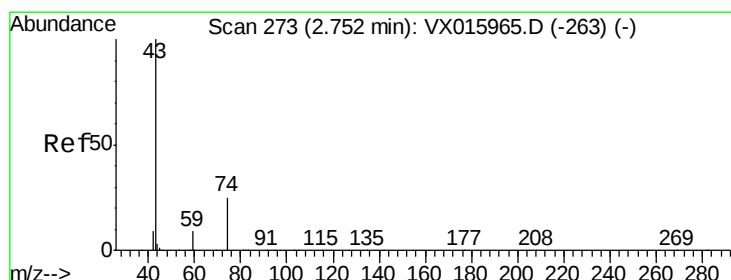
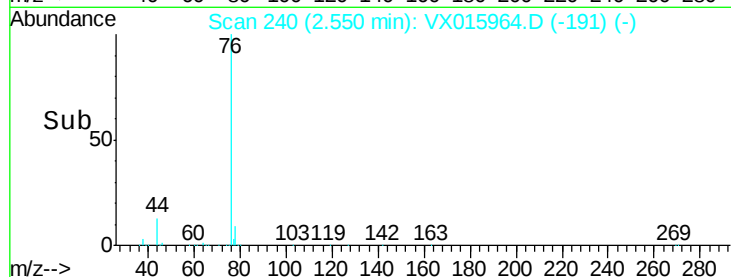
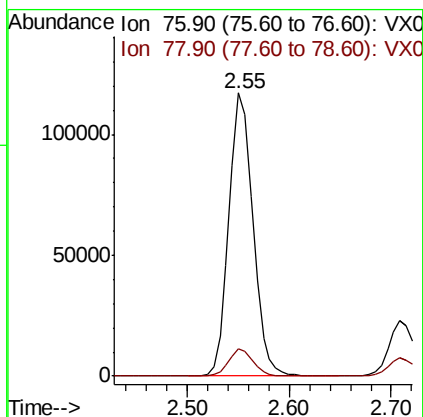
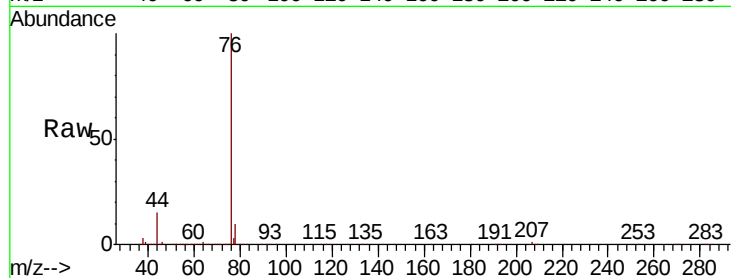
VSTDICCC050

Tot Ion: 76 Resp: 191601

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 18.267 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015964.D

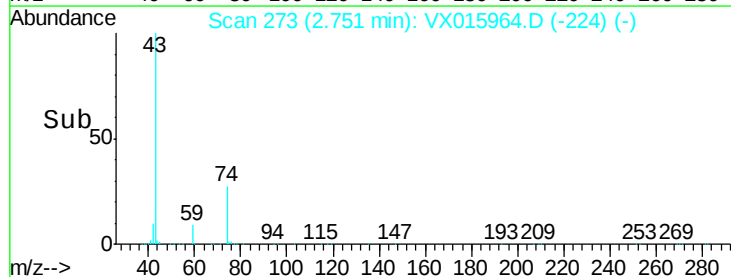
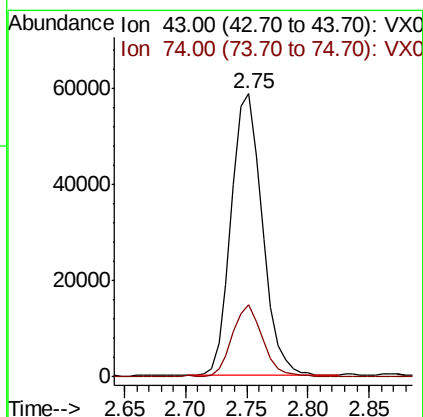
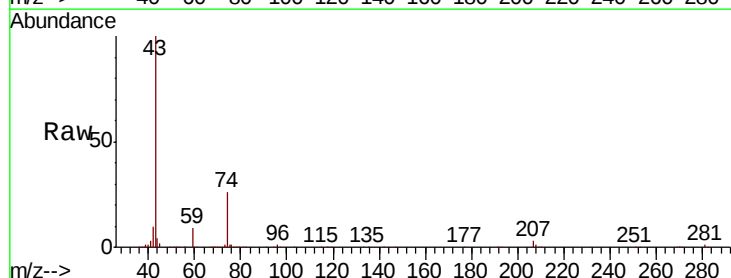
Acq: 28 Apr 2020 11:58

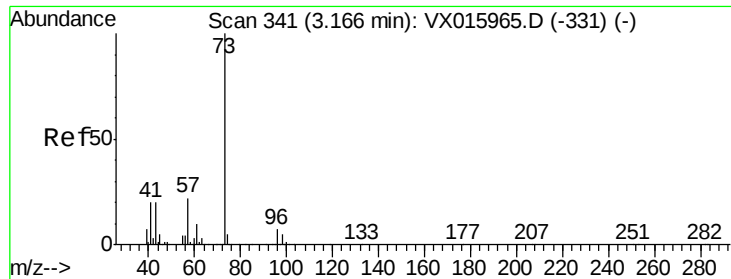
Tgt Ion: 43 Resp: 103840

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.6

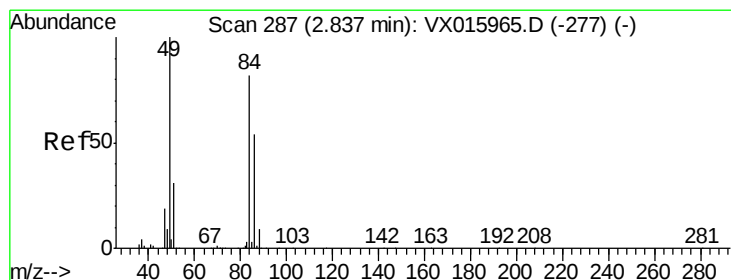
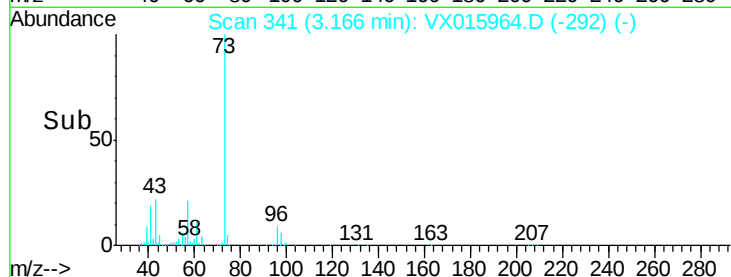
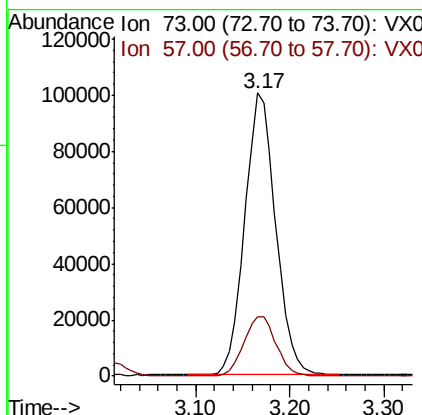
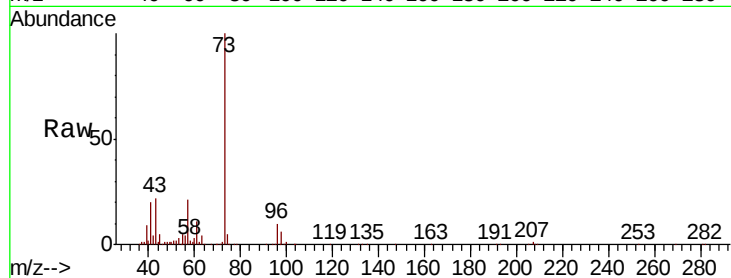




#19
Methvl tert-butvl Ether
Concen: 18.272 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

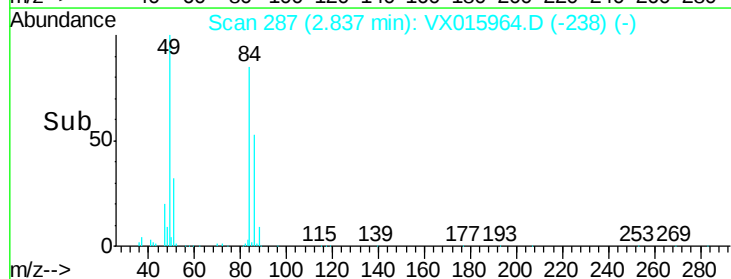
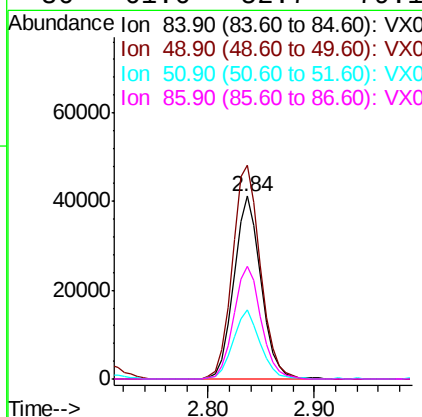
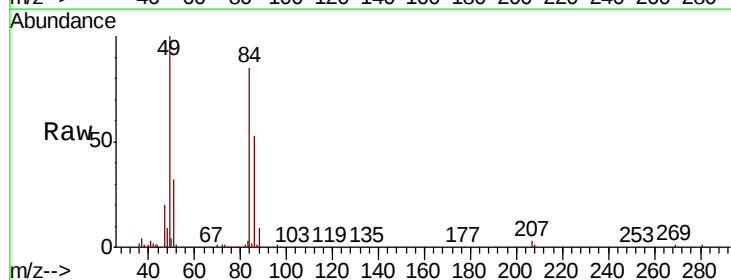
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

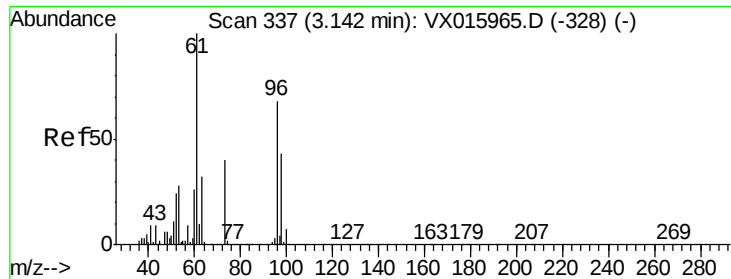
Tot Ion: 73 Resp: 231069
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 18.459 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion: 84 Resp: 73538
Ion Ratio Lower Upper
84 100
49 117.0 97.7 146.5
51 37.5 29.8 44.8
86 61.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.810 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

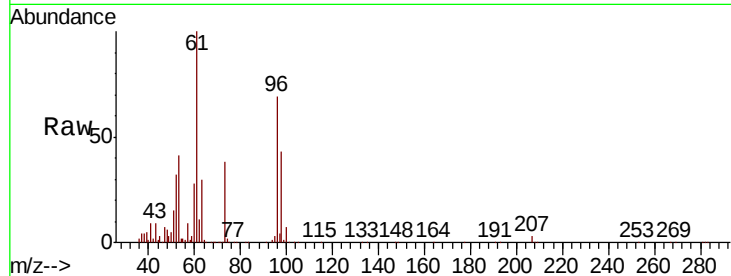
Tot Ion: 96 Resp: 68255

Ion Ratio Lower Upper

96 100

61 145.4 117.2 175.8

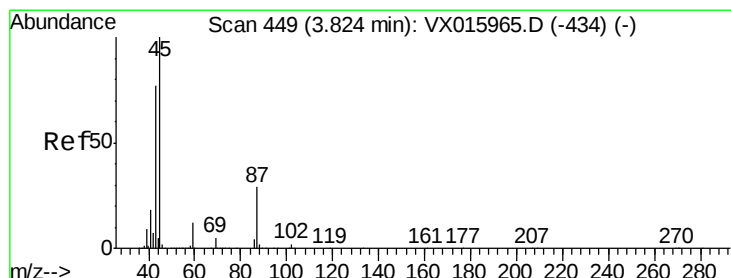
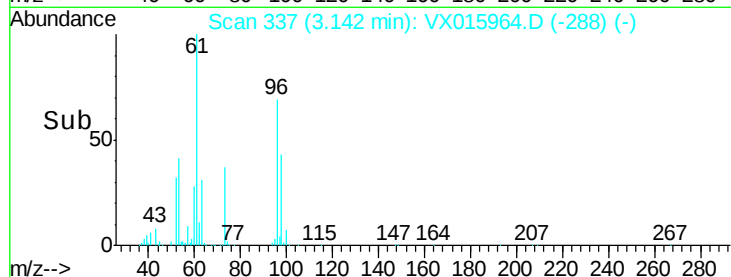
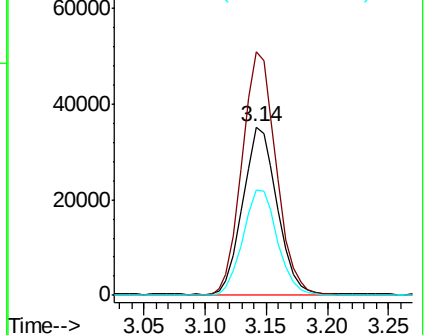
98 62.9 50.7 76.1



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: 18.184 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Tgt Ion: 45 Resp: 223512

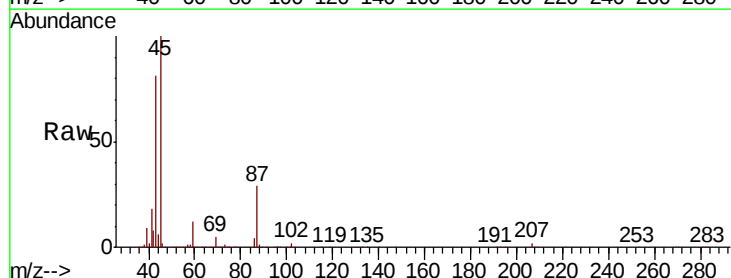
Ion Ratio Lower Upper

45 100

43 80.4 61.8 92.6

87 29.0 23.3 34.9

59 12.1 9.7 14.5

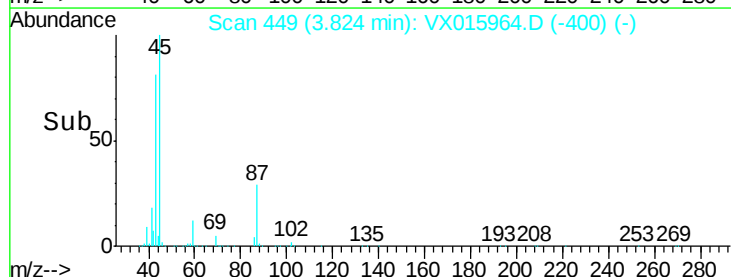
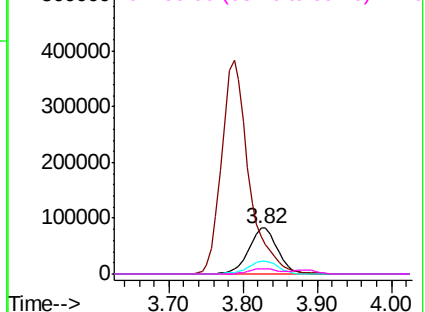


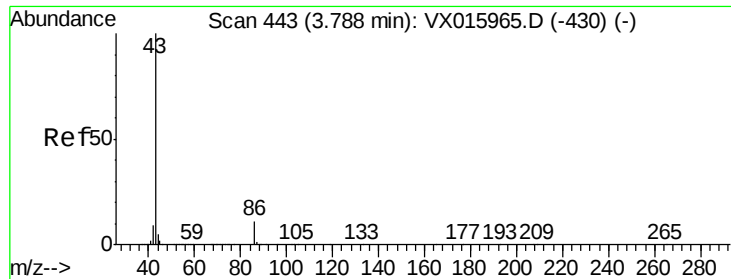
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.499 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

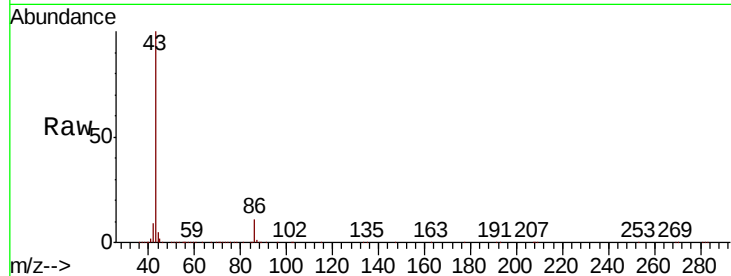
VSTDICCC050

Tot Ion: 43 Resp: 981893

Ion Ratio Lower Upper

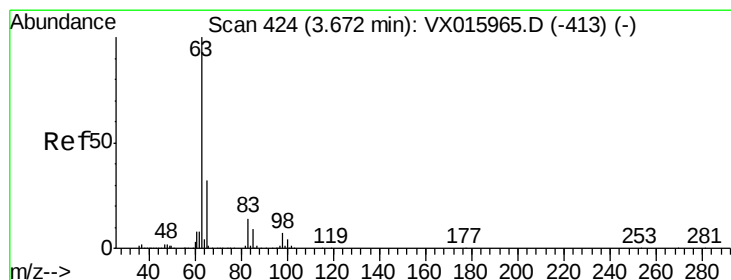
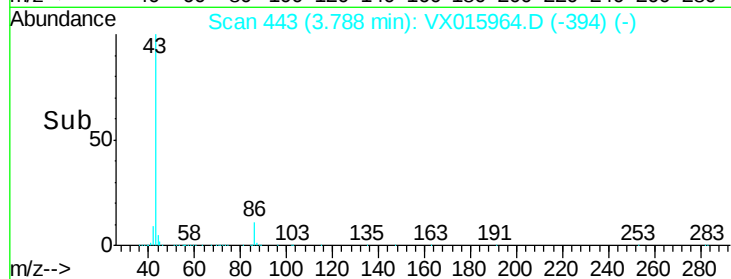
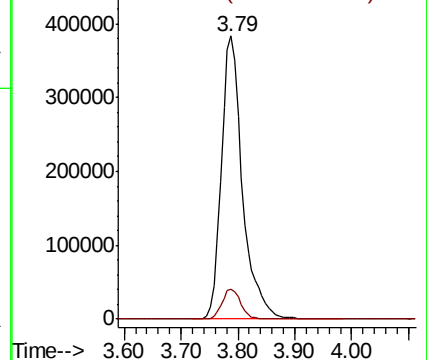
43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.466 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

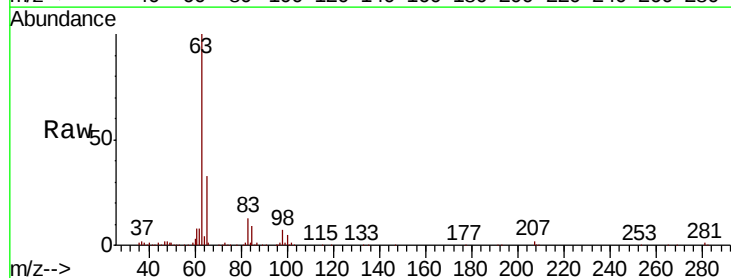
Tgt Ion: 63 Resp: 128805

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

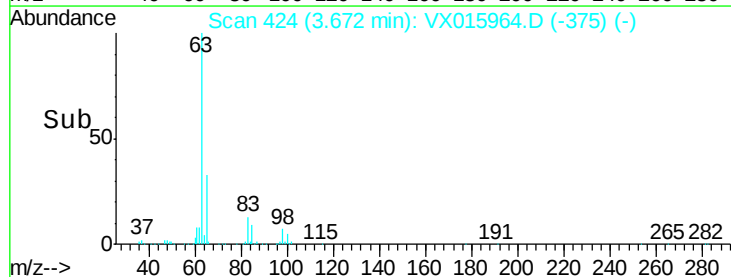
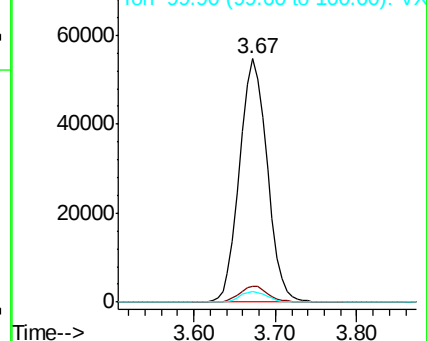
100 4.6 2.1 6.2

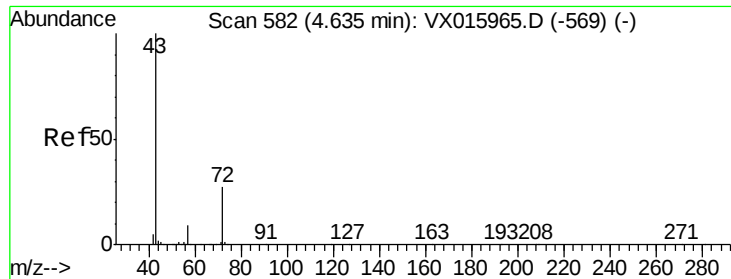


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.465 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

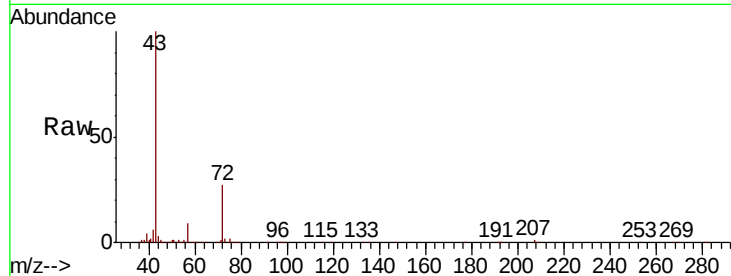
VSTDICCC050

Tot Ion: 43 Resp: 297679

Ion Ratio Lower Upper

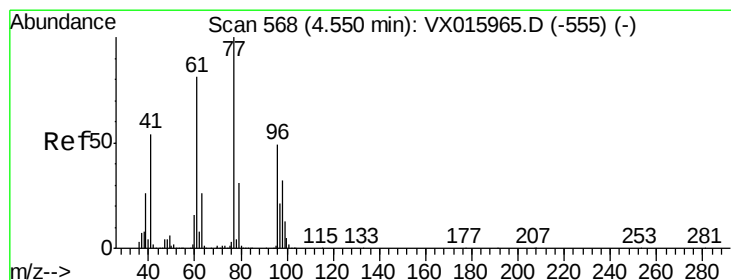
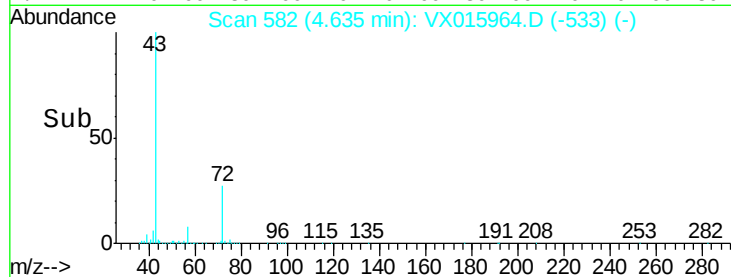
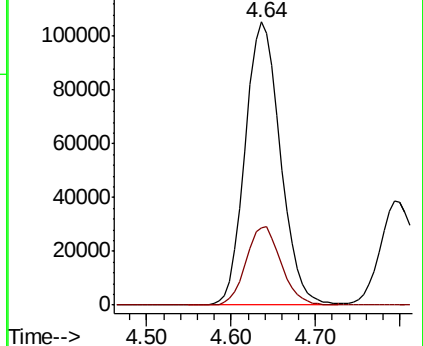
43 100

72 27.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.044 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX015964.D

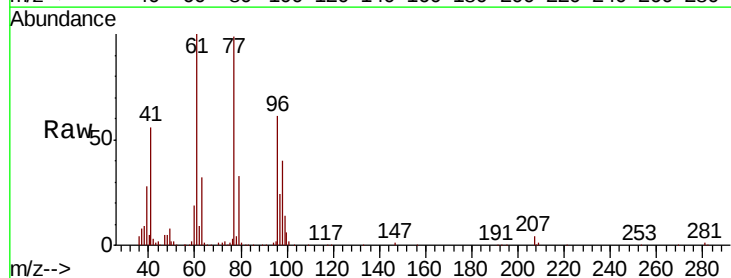
Acq: 28 Apr 2020 11:58

Tgt Ion: 77 Resp: 114250

Ion Ratio Lower Upper

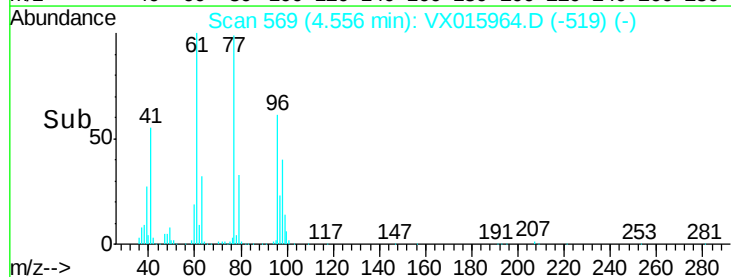
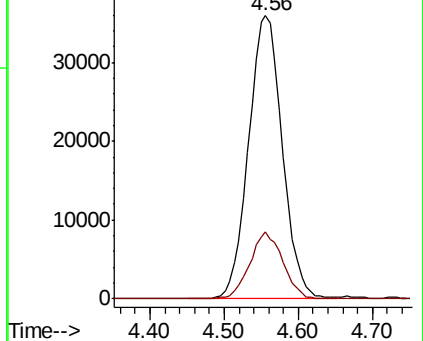
77 100

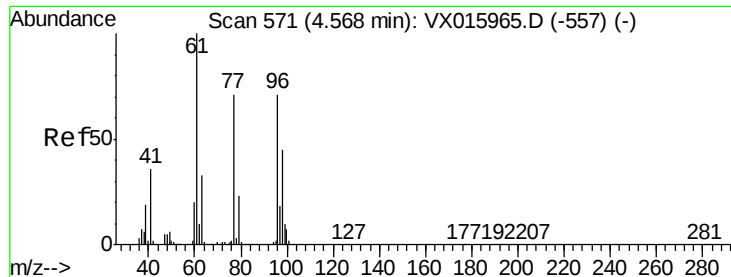
97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



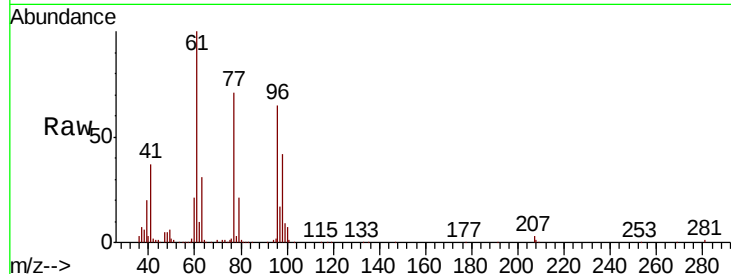


#27

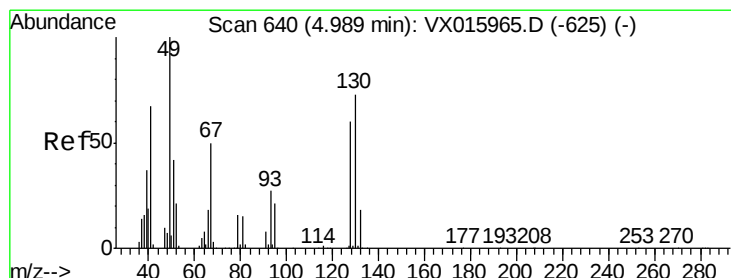
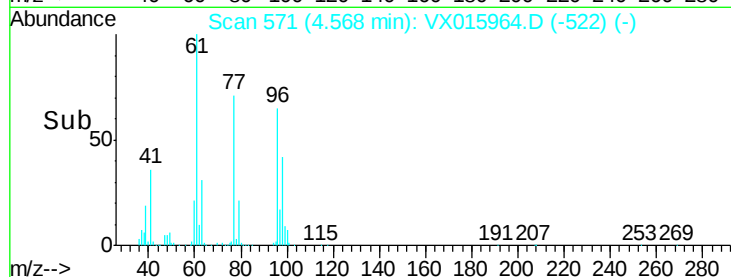
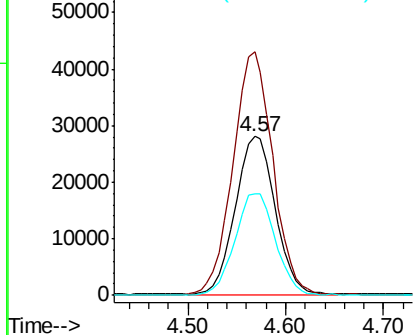
cis-1,2-Dichloroethene
Concen: 18.206 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	302.6
98	65.3	0.0	129.0



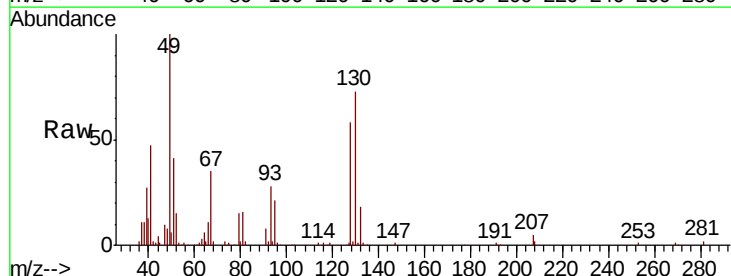
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



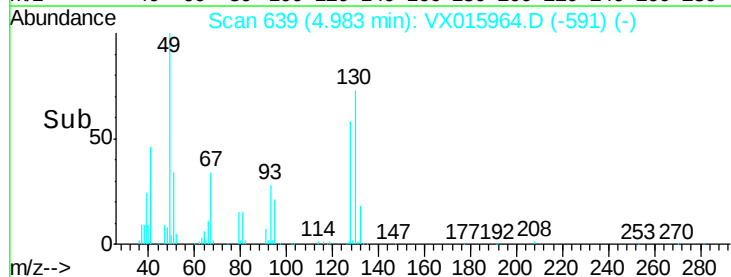
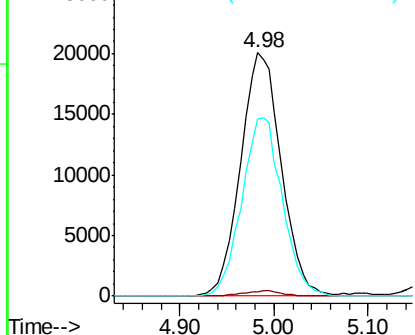
#28

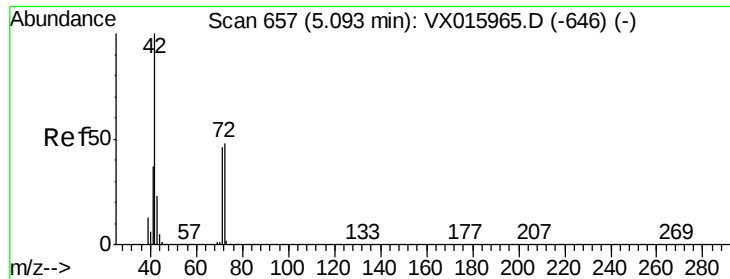
Bromochloromethane
Concen: 19.661 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.0	59.5	89.3



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: 92.875 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

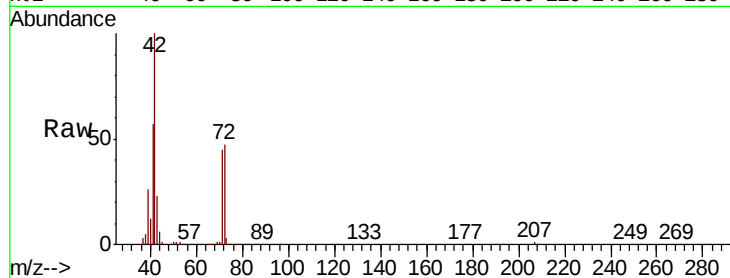
Tot Ion: 42 Resp: 192628

Ion Ratio Lower Upper

42 100

72 48.4 38.0 57.0

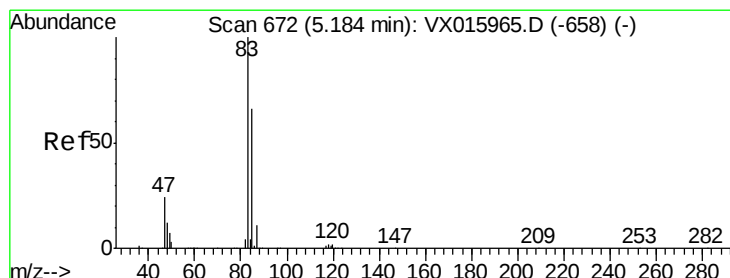
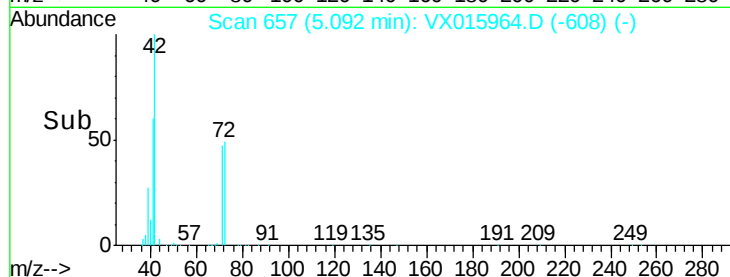
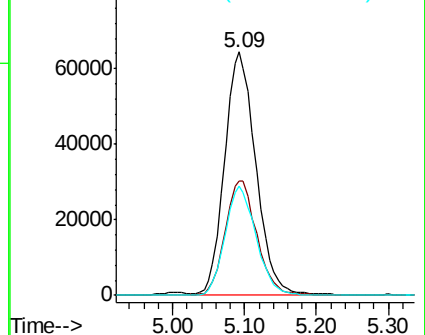
71 44.9 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.614 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015964.D

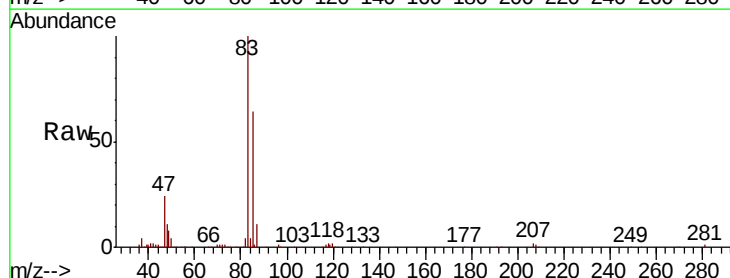
Acq: 28 Apr 2020 11:58

Tgt Ion: 83 Resp: 128660

Ion Ratio Lower Upper

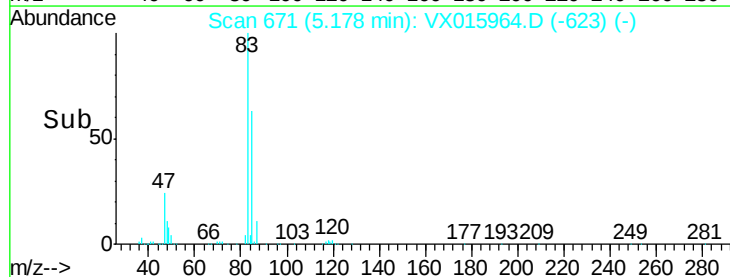
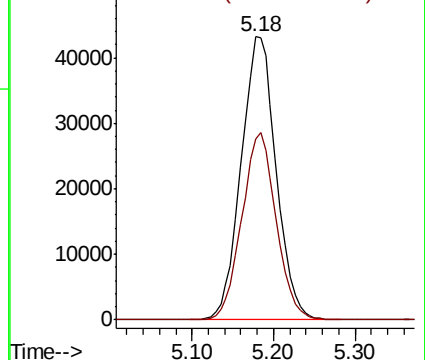
83 100

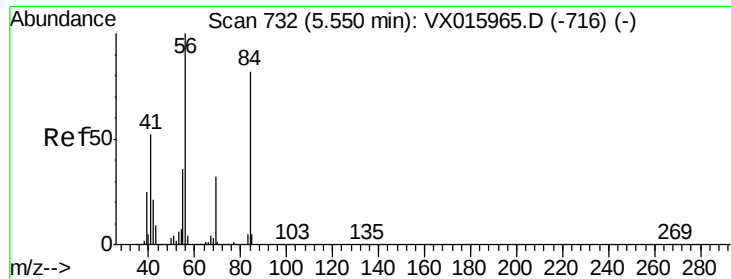
85 63.8 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

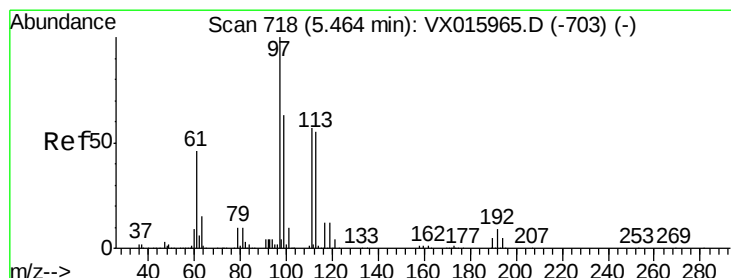
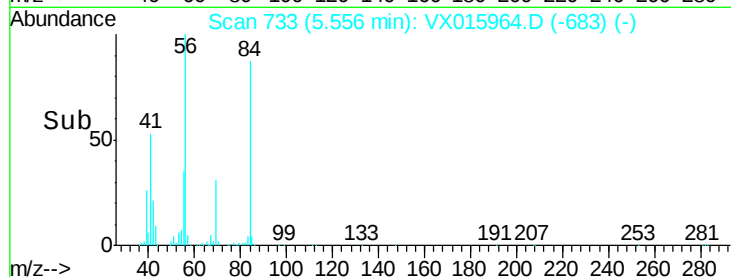
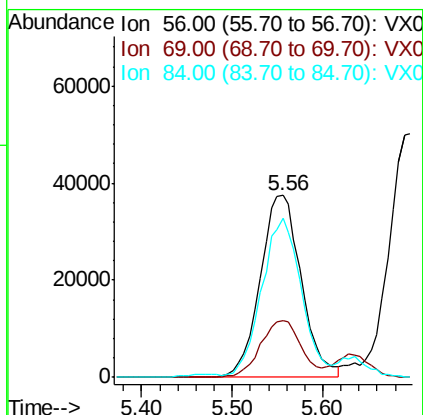
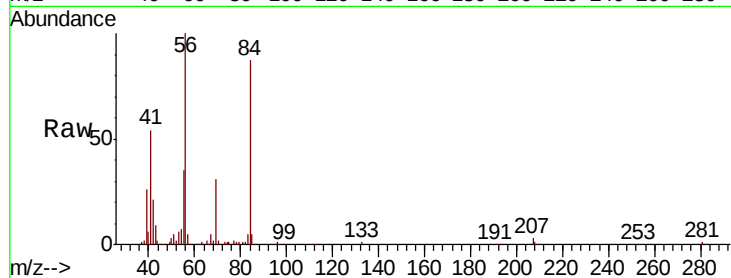




#31
Cyclohexane
Concen: 18.710 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

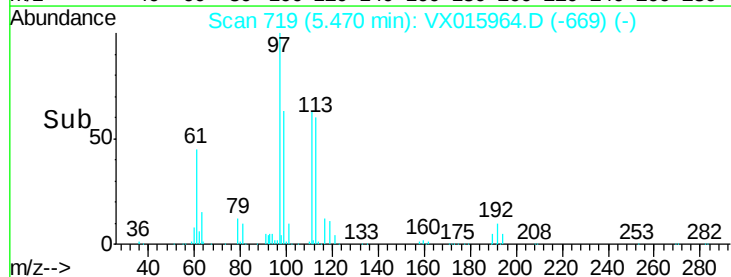
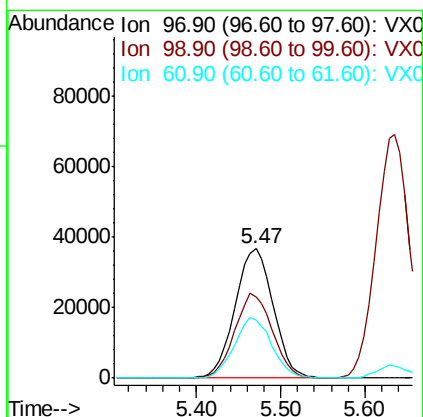
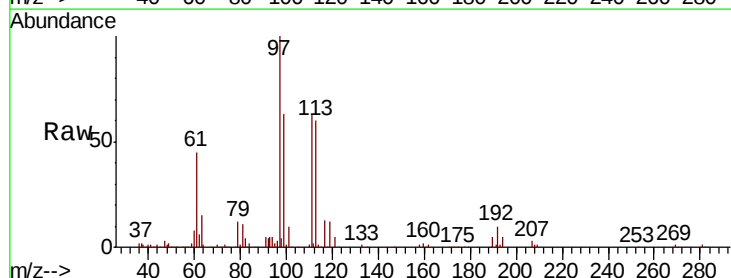
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

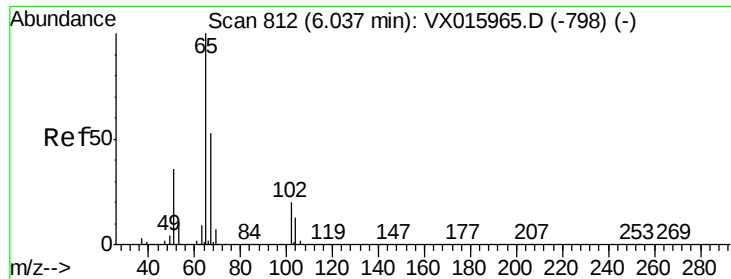
Tot Ion: 56 Resp: 117698
Ion Ratio Lower Upper
56 100
69 31.1 25.3 37.9
84 86.1 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 18.182 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion: 97 Resp: 112373
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 45.9 36.3 54.5

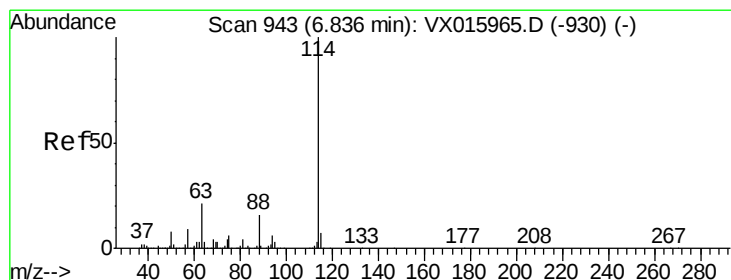
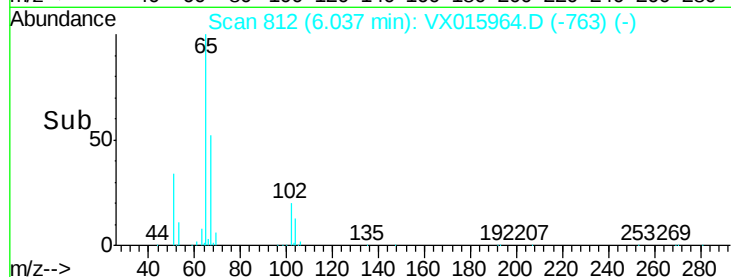
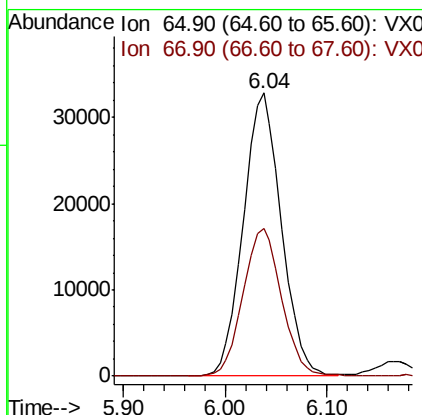
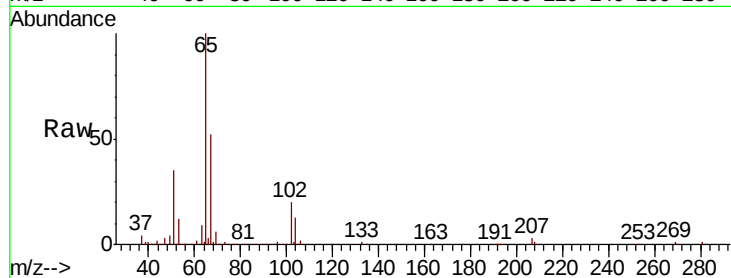




#33
 1,2-Dichloroethane-d4
 Concen: 19.253 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

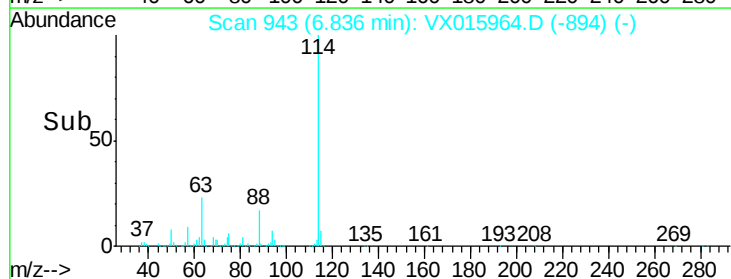
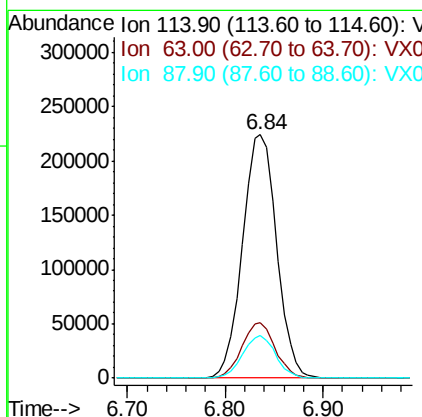
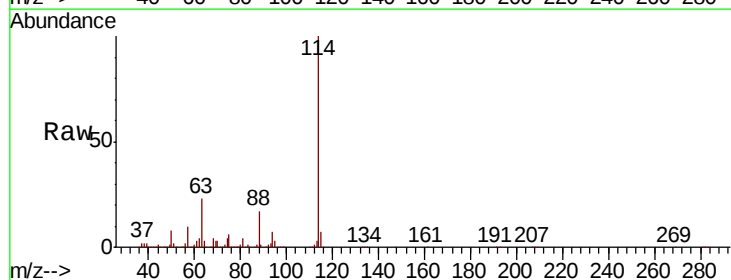
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

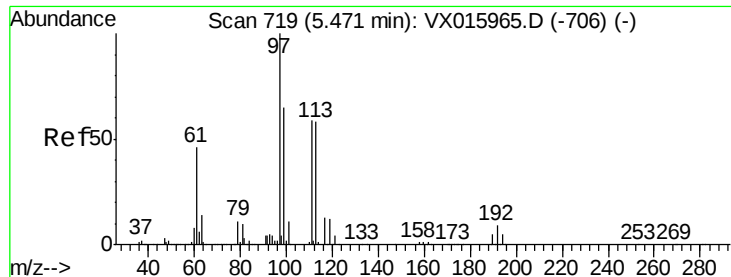
Tot Ion: 65 Resp: 85024
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion: 114 Resp: 541857
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.4
 88 17.4 0.0 32.6

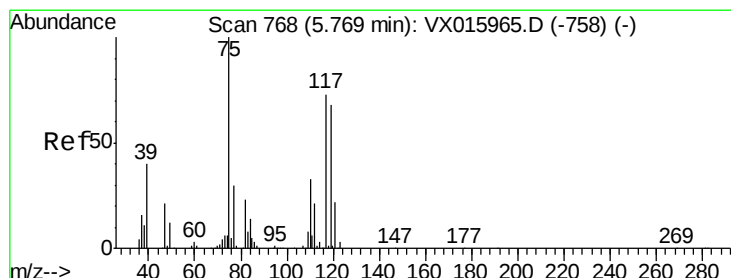
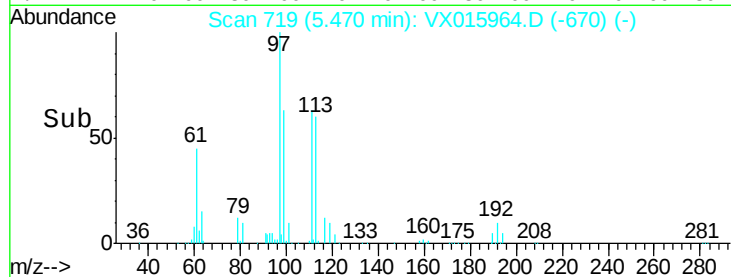
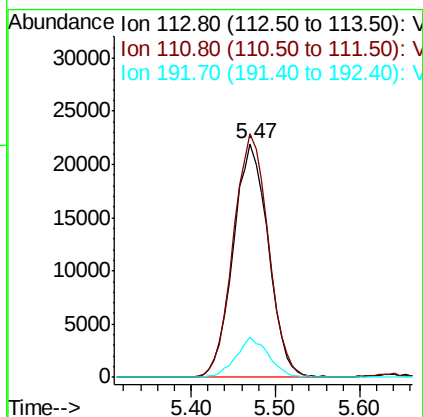
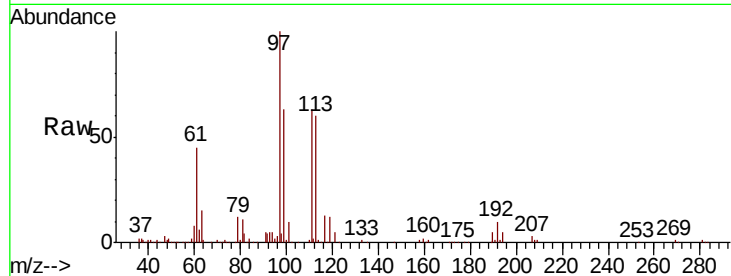




#35
 Dibromofluoromethane
 Concen: 18.884 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

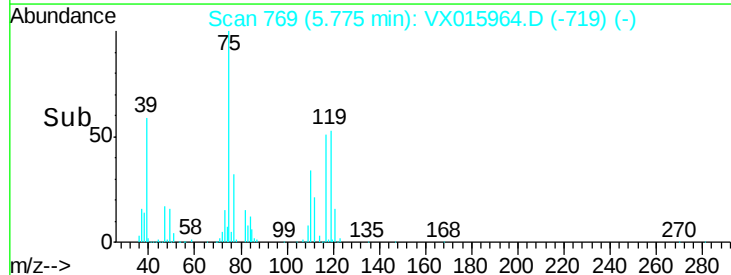
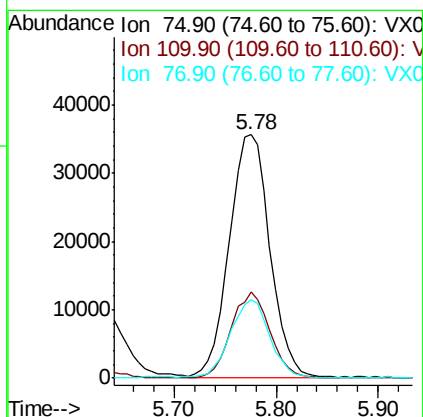
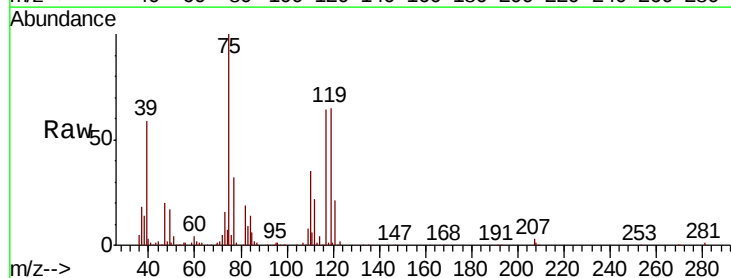
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

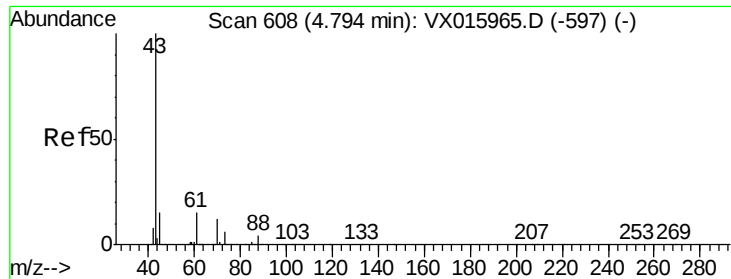
Tot Ion:113 Resp: 61852
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.6 122.4
 192 15.9 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: 17.663 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion: 75 Resp: 97635
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.1 51.2
 77 31.6 24.7 37.1

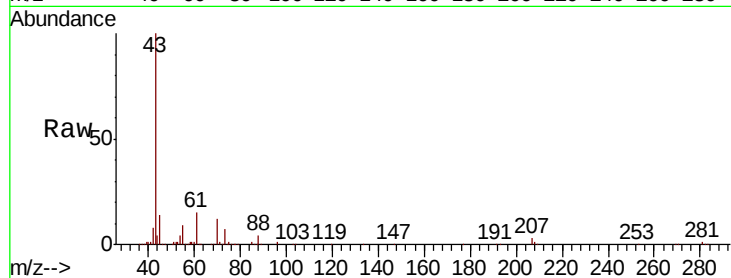




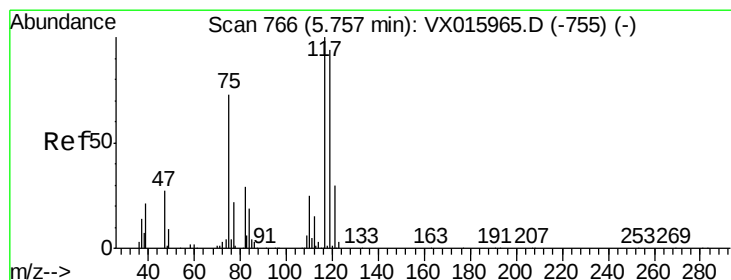
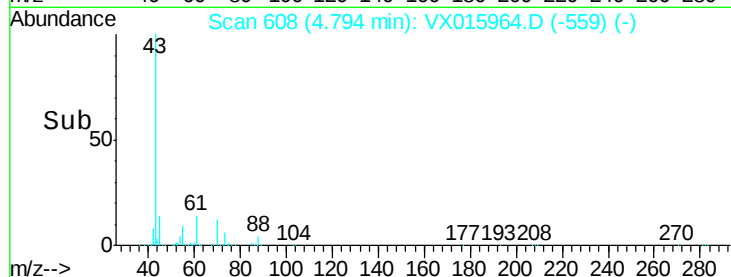
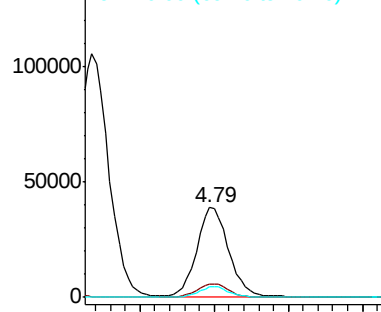
#37
Ethyl Acetate
Concen: 18.903 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.8
70	11.8	9.5	14.3

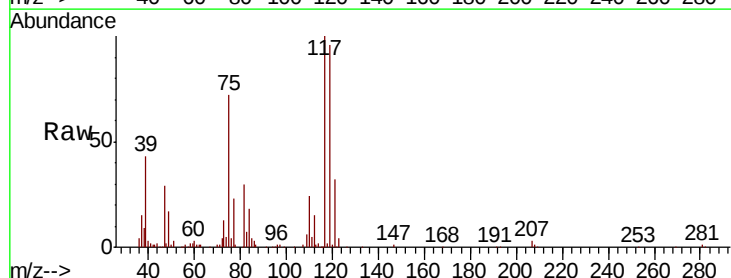


Abundance Ion 43.00 (42.70 to 43.70): VX015965.D (-597) (-)

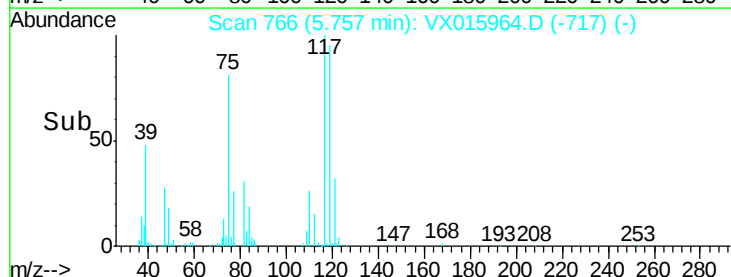
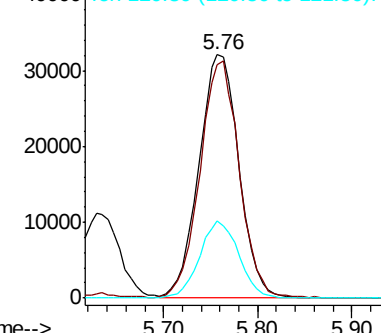


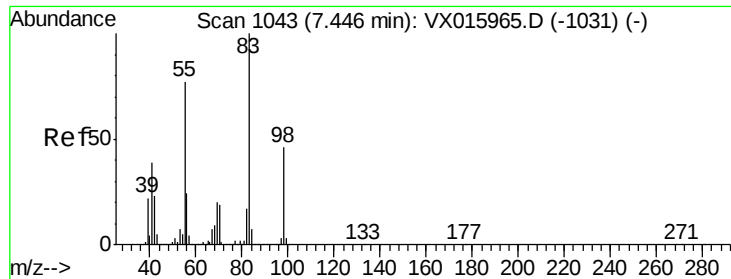
#38
Carbon Tetrachloride
Concen: 17.922 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.8	112.2
121	31.6	24.0	36.0



Abundance Ion 116.80 (116.50 to 117.50): VX015965.D (-755) (-)

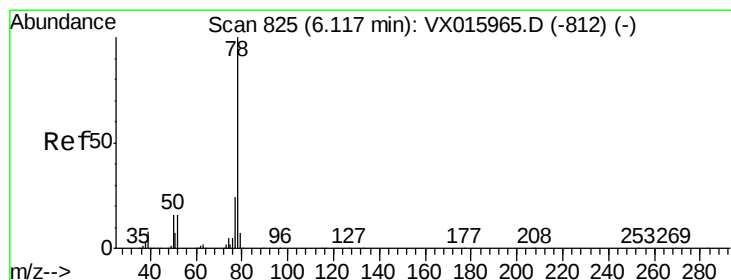
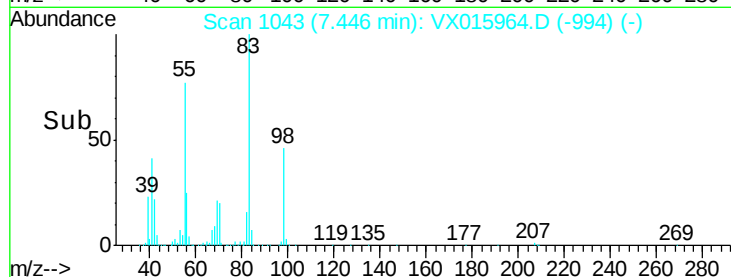
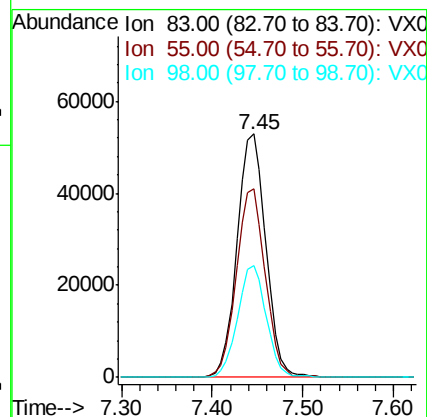
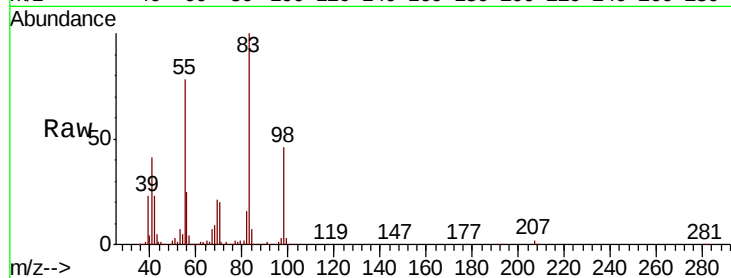




#39
Methvlcvclohexane
Concen: 17.685 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

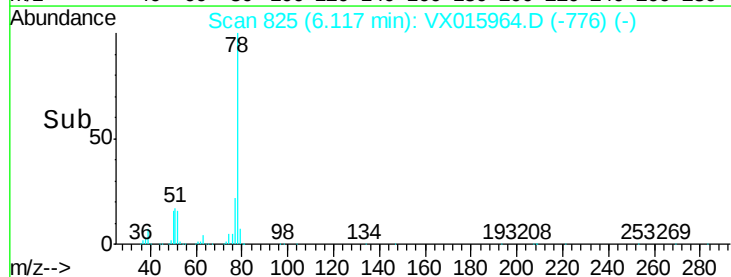
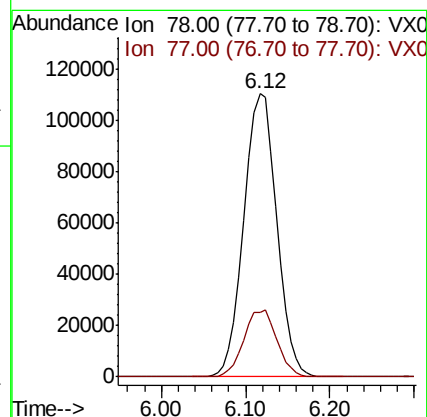
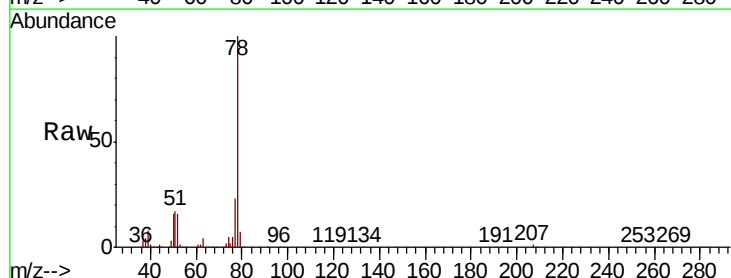
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

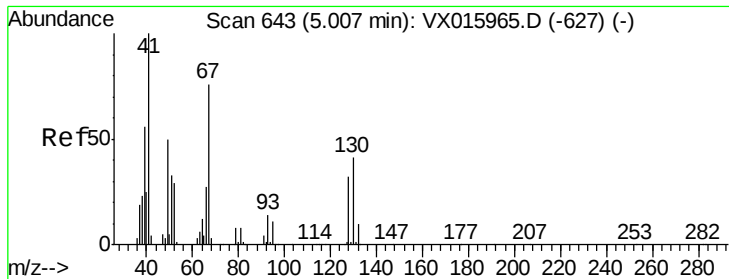
Tot Ion: 83 Resp: 117353
Ion Ratio Lower Upper
83 100
55 77.6 61.8 92.6
98 45.9 36.8 55.2



#40
Benzene
Concen: 18.072 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion: 78 Resp: 291171
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

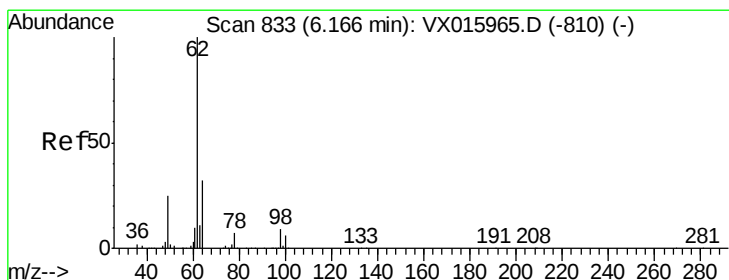
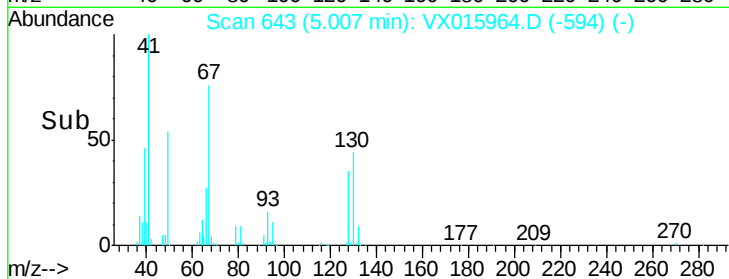
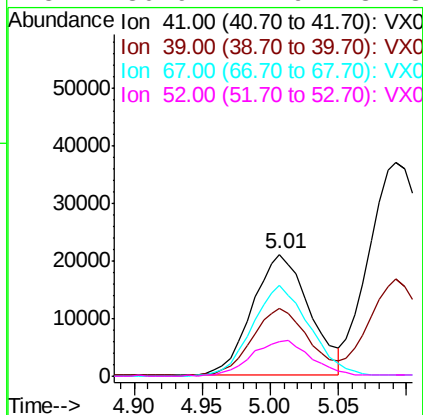
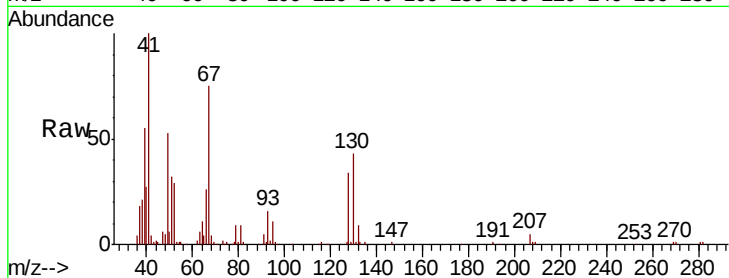




#41
Methacrylonitrile
Concen: 19.115 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

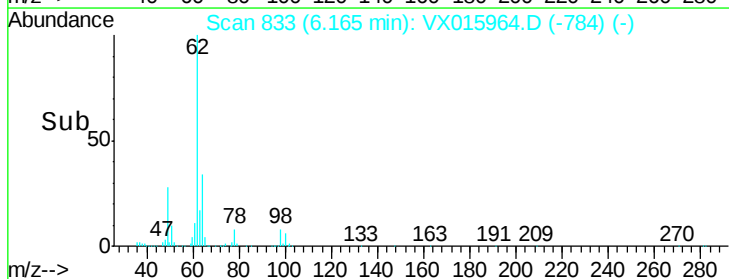
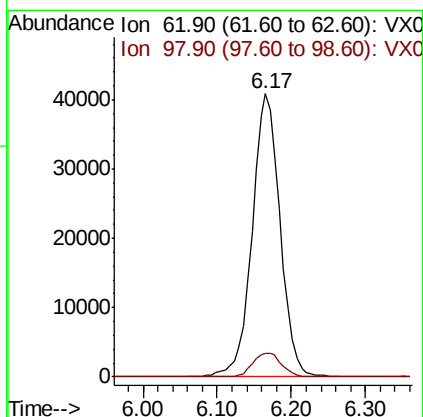
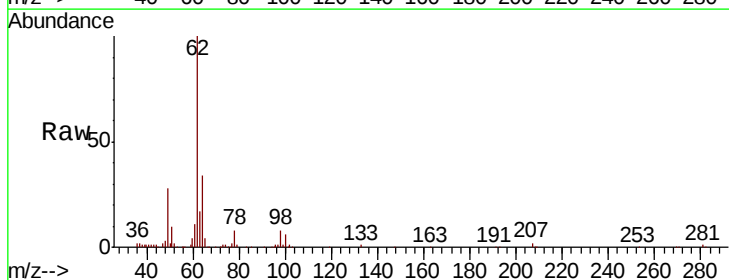
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

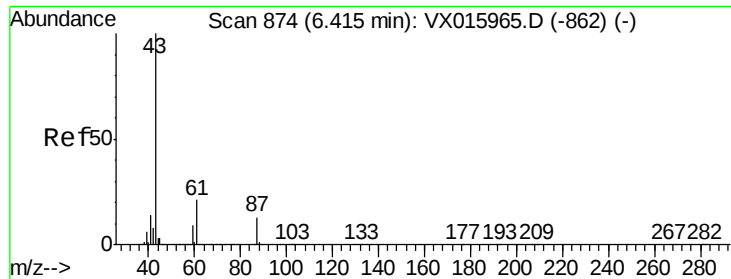
Tot Ion:	41	Resp:	61506
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.3	67.9
67	75.9	62.2	93.4
52	30.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 18.208 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion:	62	Resp:	107178
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



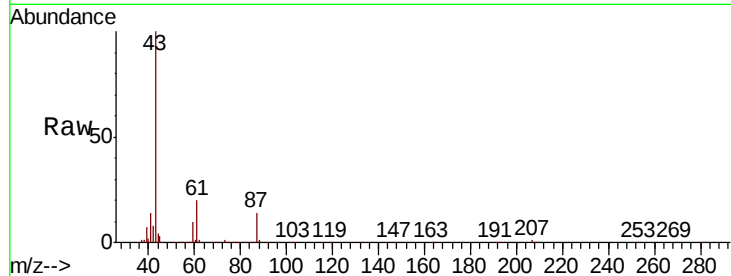


#43

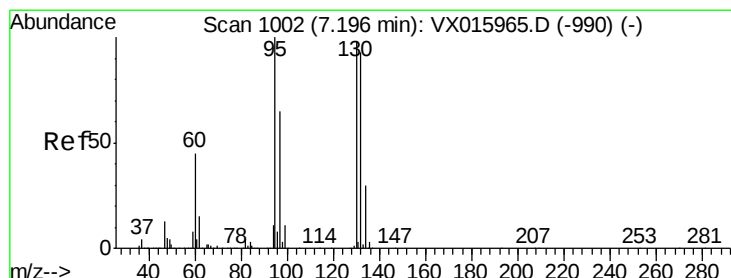
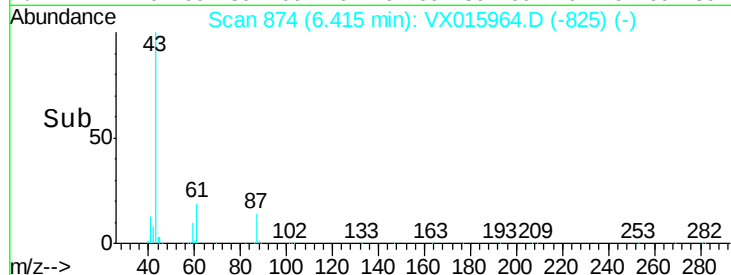
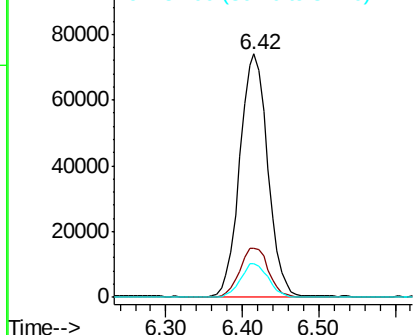
Isopropyl Acetate
 Concen: 18.462 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.9	25.3
87	13.9	11.0	16.4



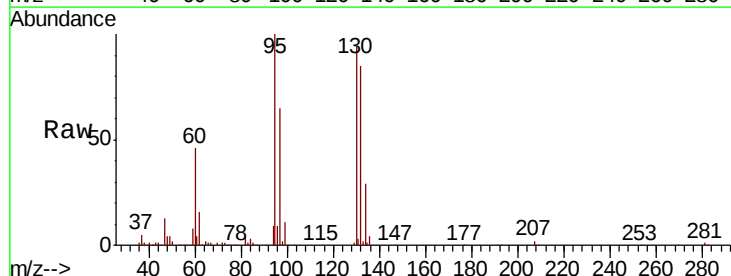
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



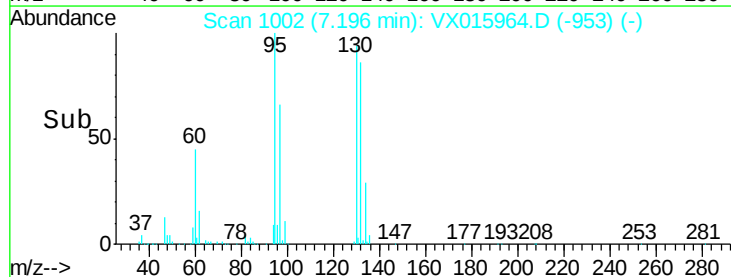
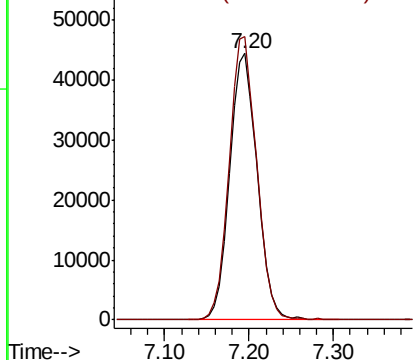
#44

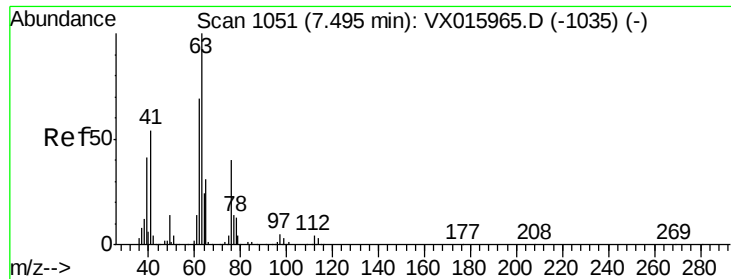
Trichloroethene
 Concen: 18.557 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	204.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.639 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

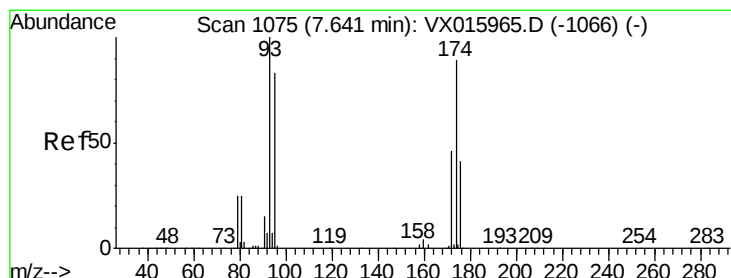
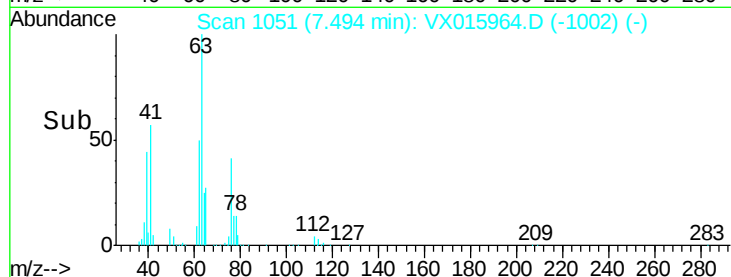
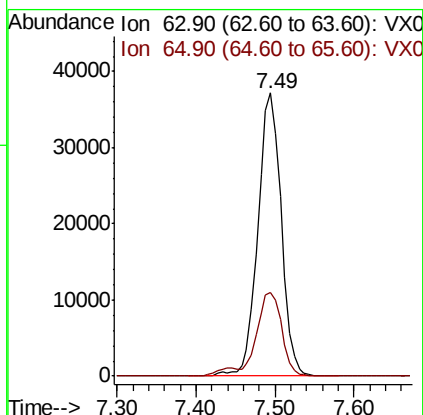
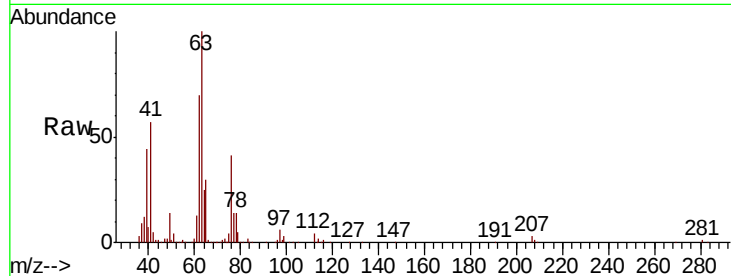
VSTDICCC050

Tot Ion: 63 Resp: 76724

Ion Ratio Lower Upper

63 100

65 29.6 24.7 37.1



#46

Dibromomethane

Concen: 18.261 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

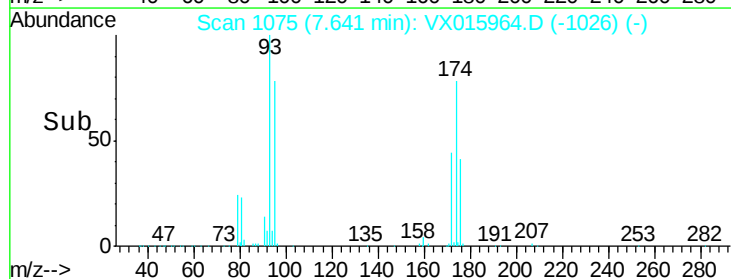
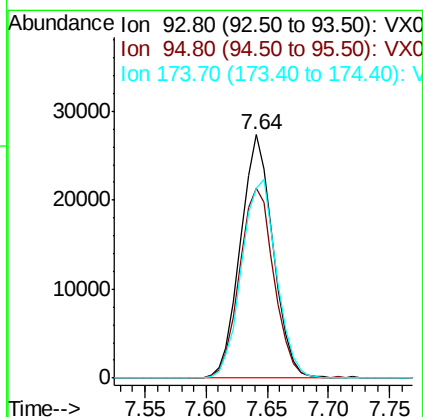
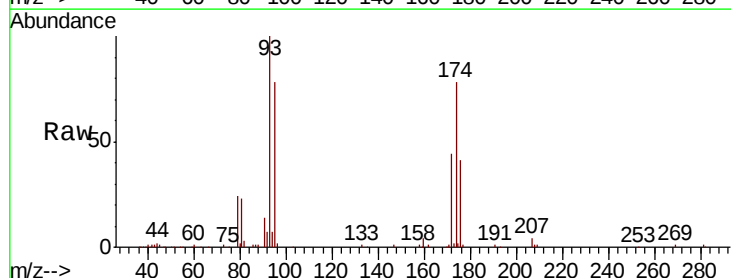
Tgt Ion: 93 Resp: 50842

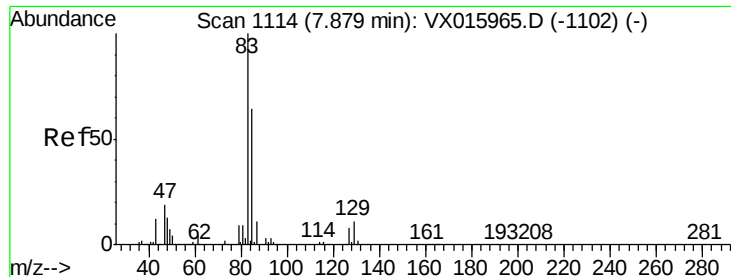
Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

174 87.1 68.3 102.5





#47

Bromodichloromethane

Concen: 18.208 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

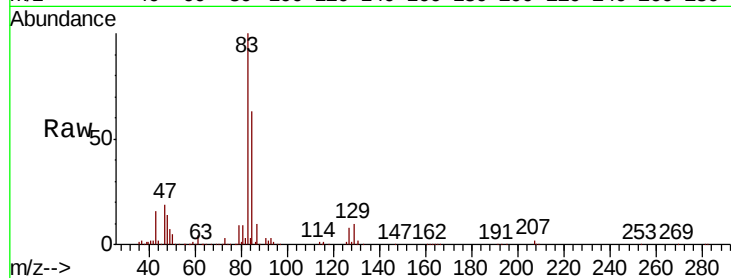
Tot Ion: 83 Resp: 103039

Ion Ratio Lower Upper

83 100

85 63.1 51.6 77.4

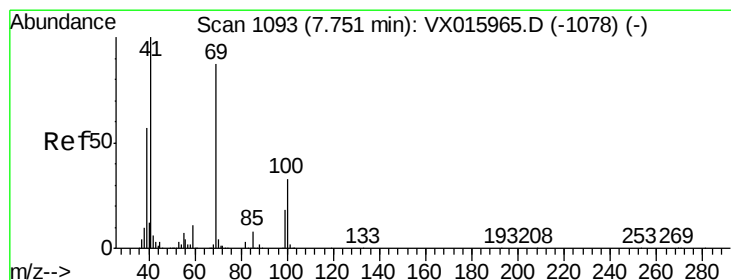
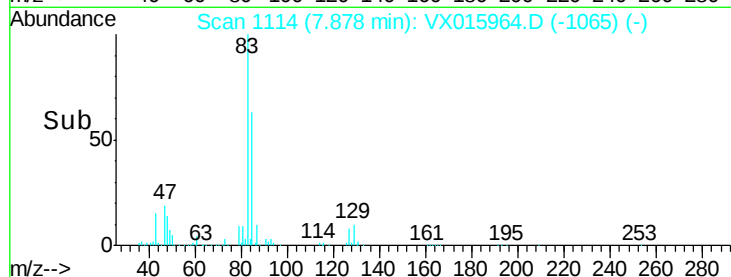
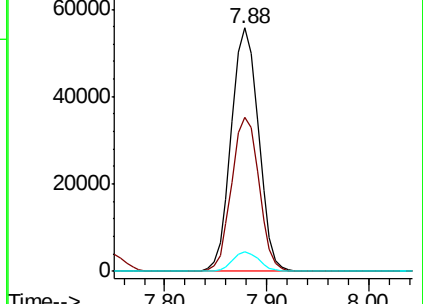
127 8.1 6.2 9.4



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: 18.569 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

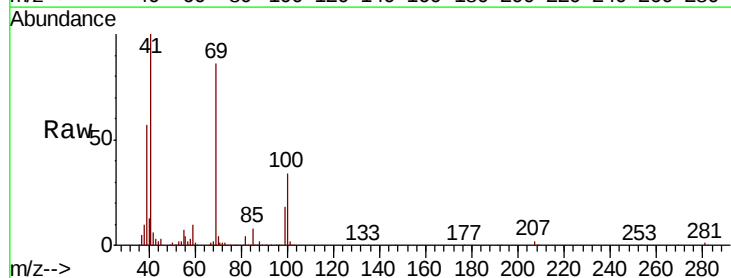
Tgt Ion: 41 Resp: 88239

Ion Ratio Lower Upper

41 100

69 85.5 69.0 103.4

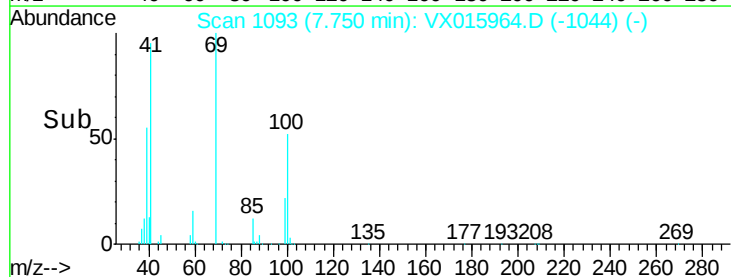
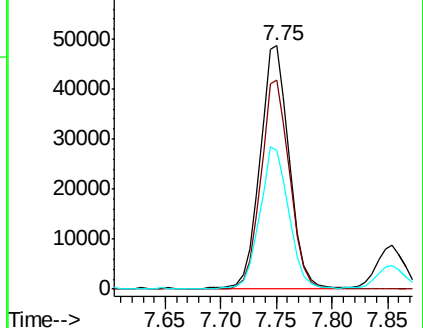
39 57.8 46.6 69.8

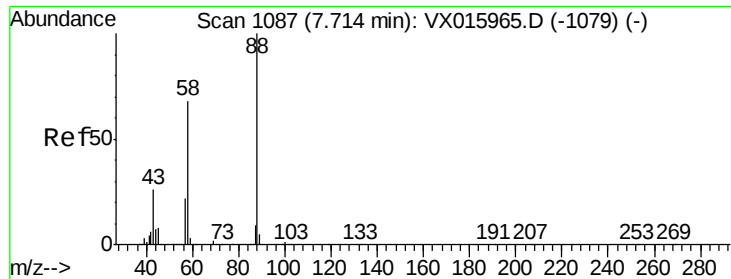


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 379.993 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

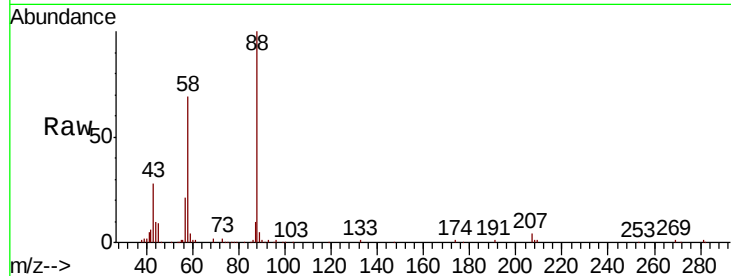
Tot Ion: 88 Resp: 40456

Ion Ratio Lower Upper

88 100

43 31.5 25.1 37.7

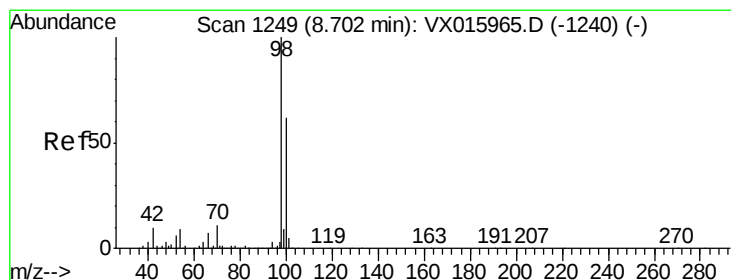
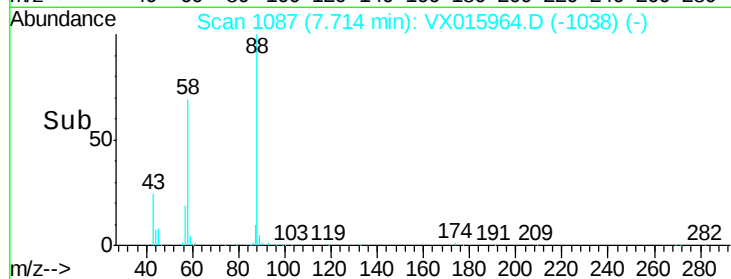
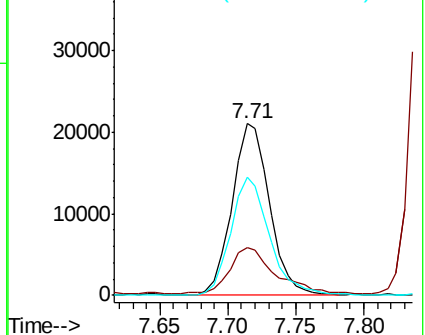
58 71.5 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 19.404 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VX015964.D

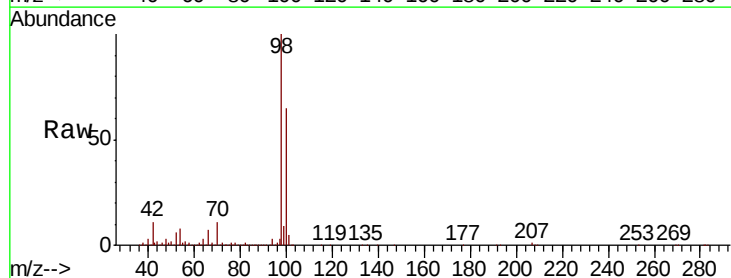
Acq: 28 Apr 2020 11:58

Tgt Ion: 98 Resp: 252491

Ion Ratio Lower Upper

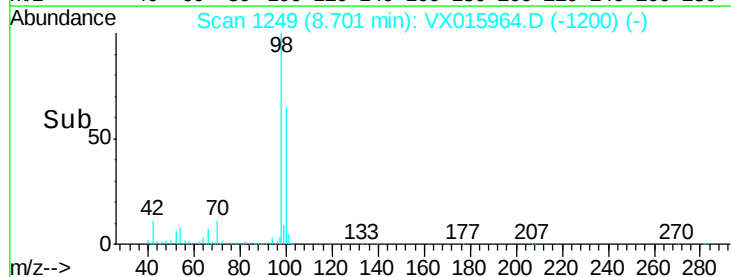
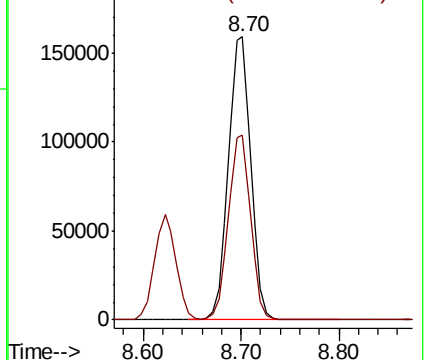
98 100

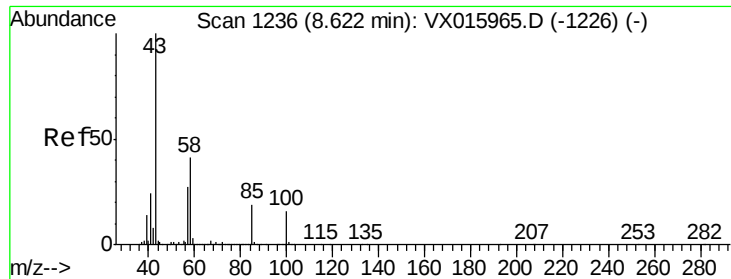
100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 94.109 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

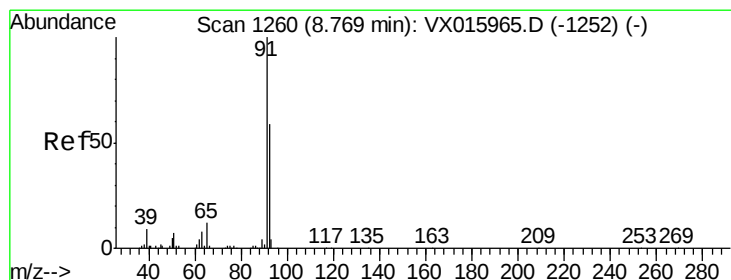
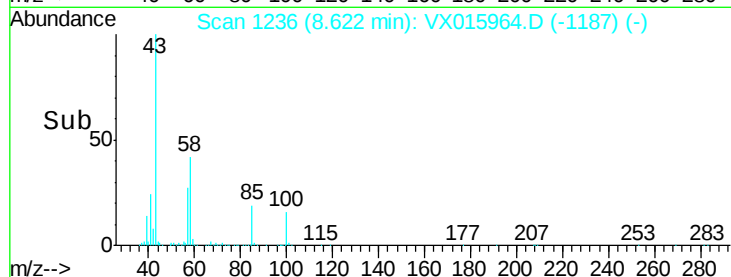
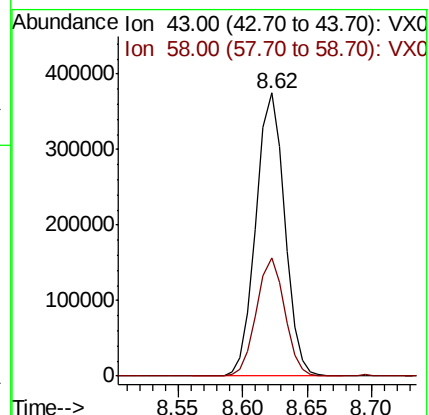
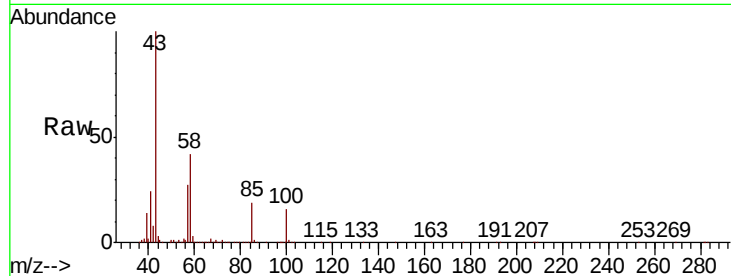
VSTDICCC050

Tot Ion: 43 Resp: 576175

Ion Ratio Lower Upper

43 100

58 40.9 33.0 49.4



#52

Toluene

Concen: 18.142 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX015964.D

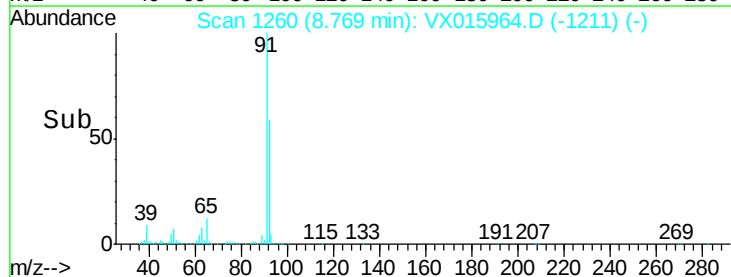
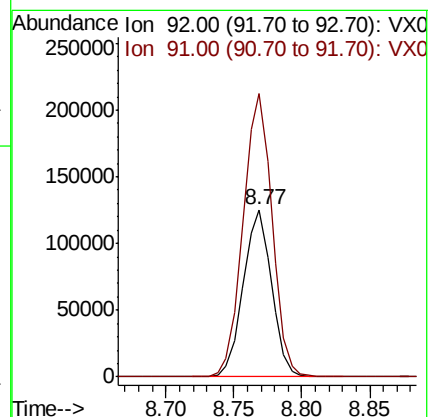
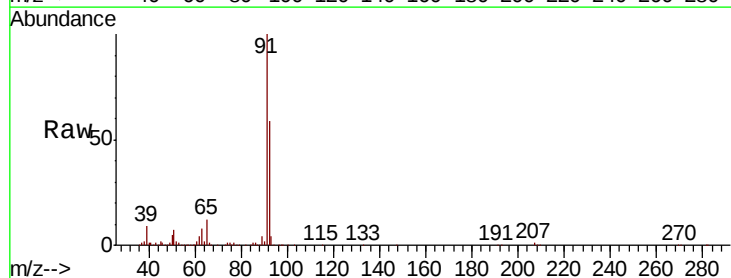
Acq: 28 Apr 2020 11:58

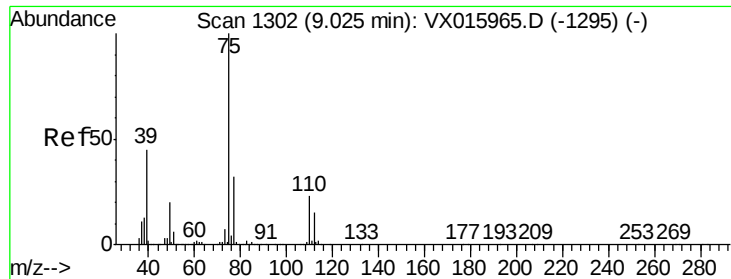
Tgt Ion: 92 Resp: 182609

Ion Ratio Lower Upper

92 100

91 172.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 17.865 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

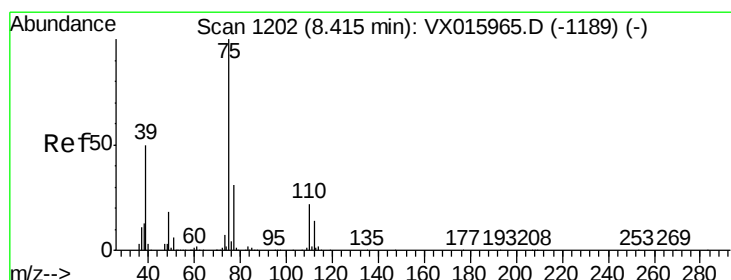
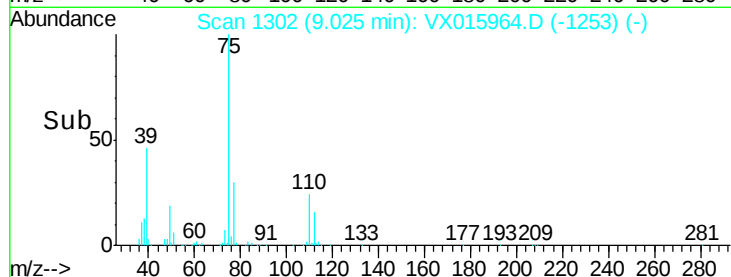
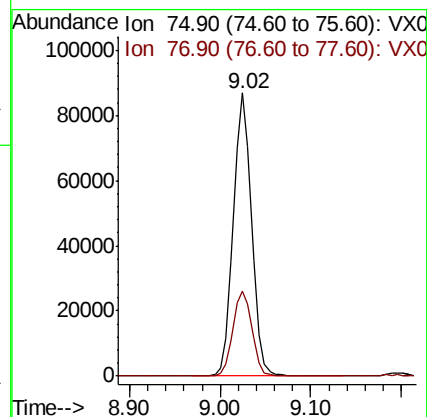
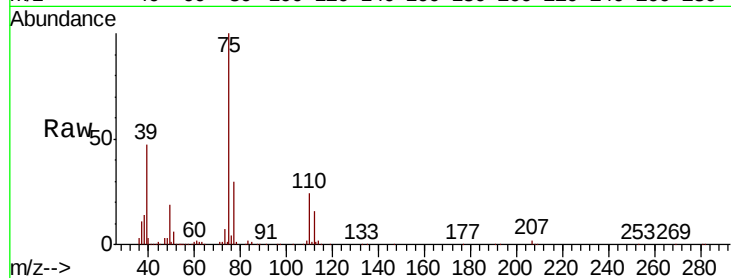
VSTDICCC050

Tot Ion: 75 Resp: 121404

Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.081 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

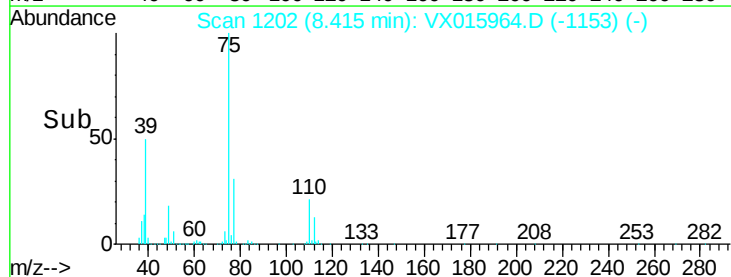
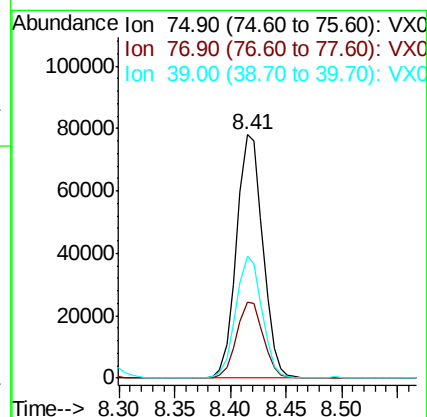
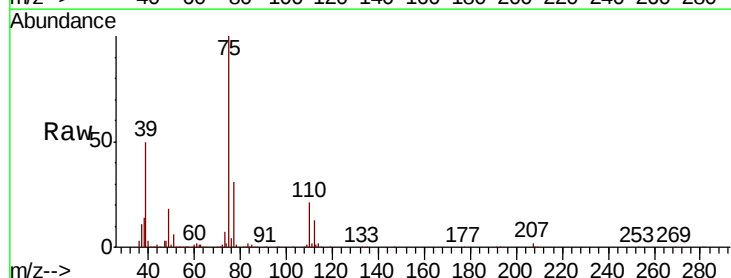
Tgt Ion: 75 Resp: 128244

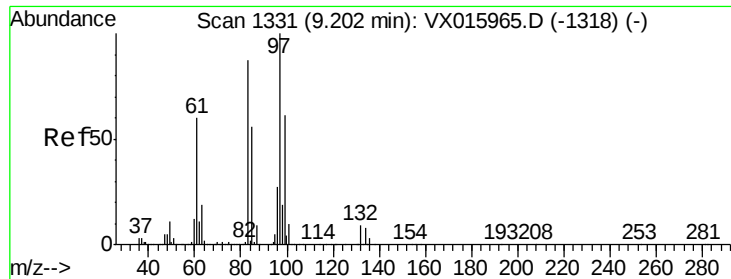
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 50.0 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 18.089 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 73134

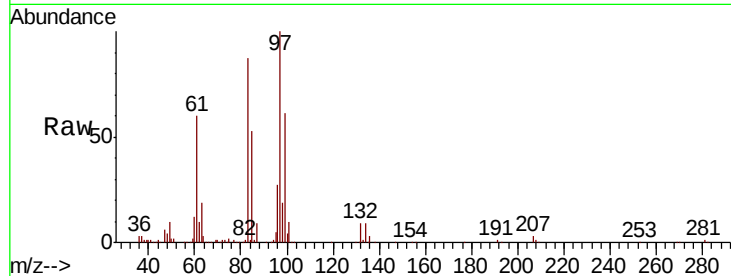
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.4	104.0
85	53.0	45.0	67.6
99	60.7	48.6	73.0

97 100

83 87.1 69.4 104.0

85 53.0 45.0 67.6

99 60.7 48.6 73.0

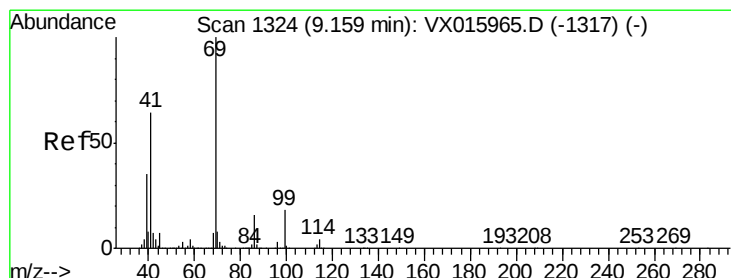
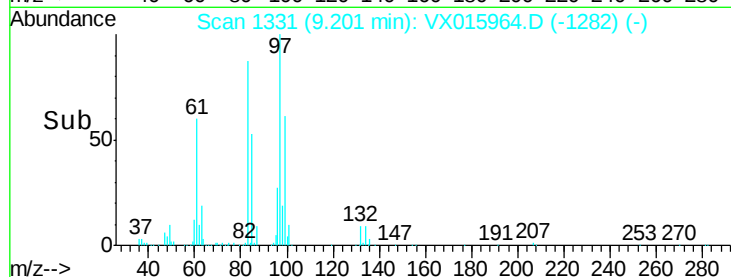
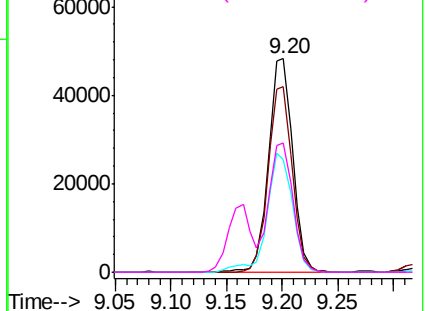


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.521 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

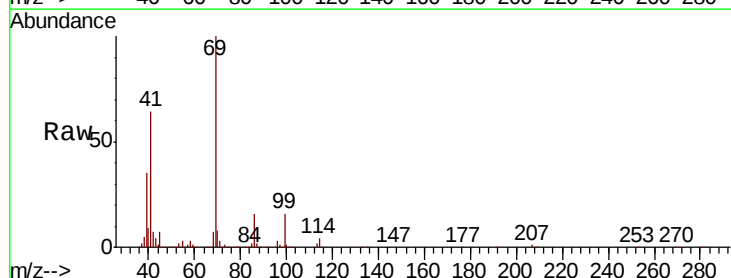
Tgt Ion: 69 Resp: 122648

Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.1	76.7
39	37.0	28.4	42.6

69 100

41 64.4 51.1 76.7

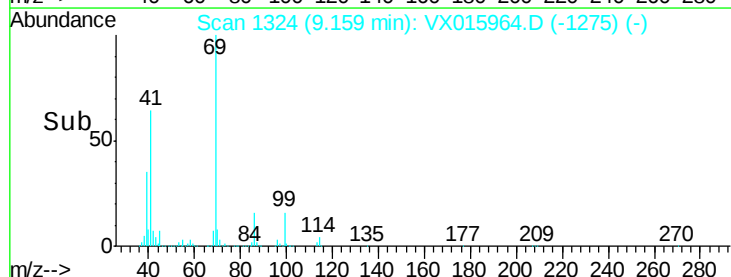
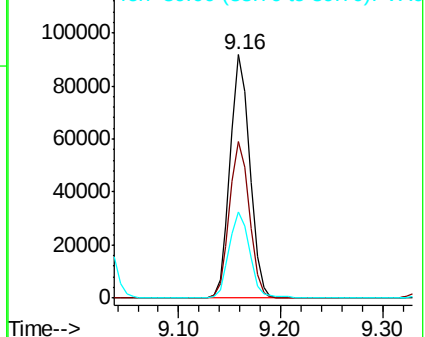
39 37.0 28.4 42.6

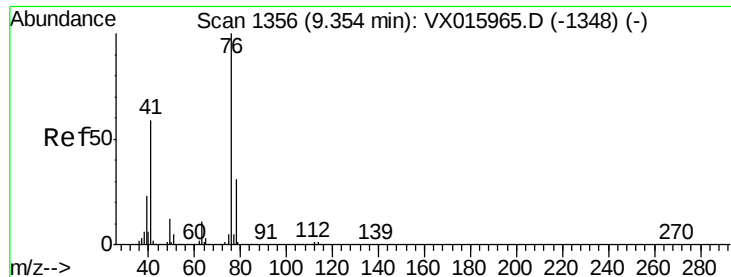


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.880 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

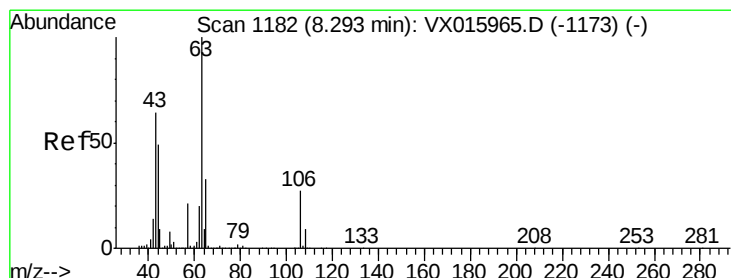
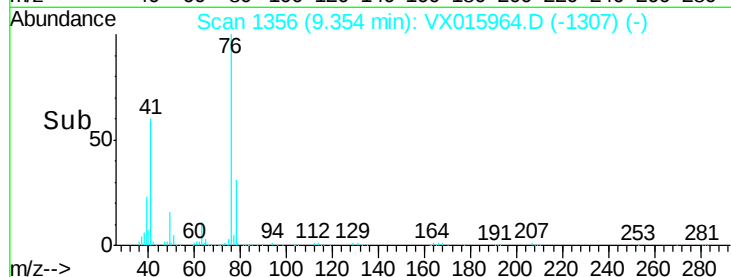
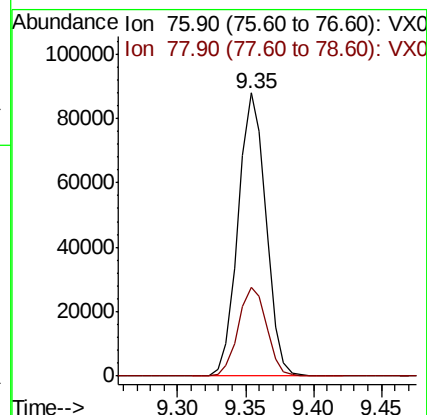
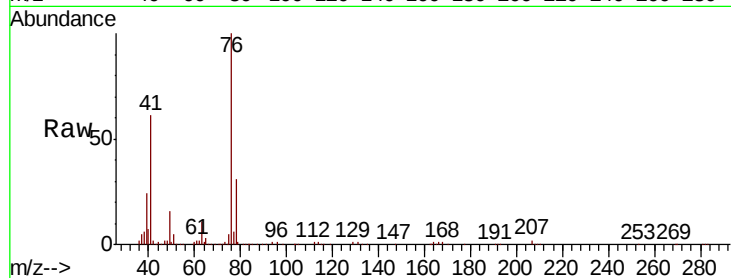
VSTDICCC050

Tot Ion: 76 Resp: 125187

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.885 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015964.D

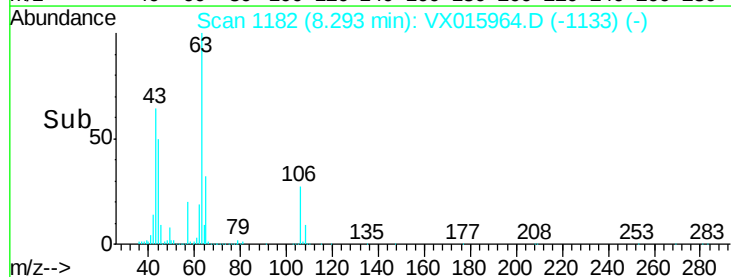
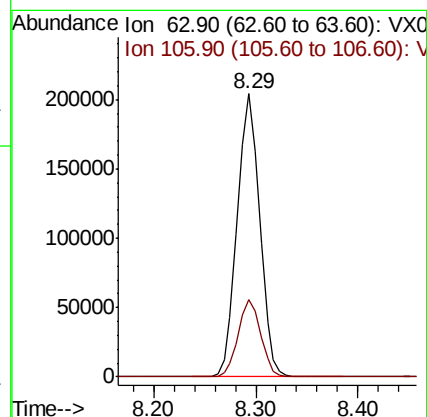
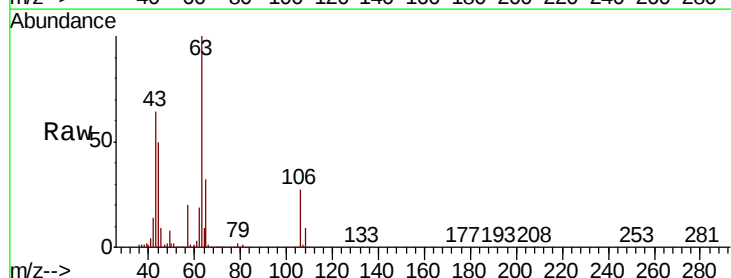
Acq: 28 Apr 2020 11:58

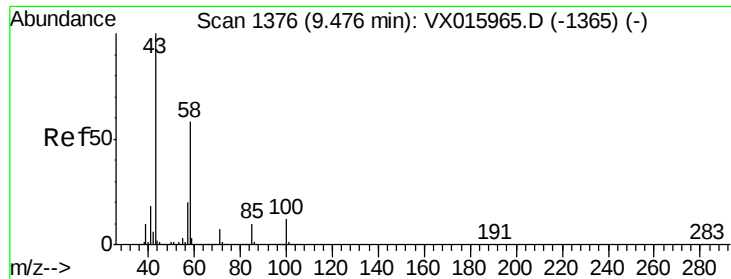
Tgt Ion: 63 Resp: 311282

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5

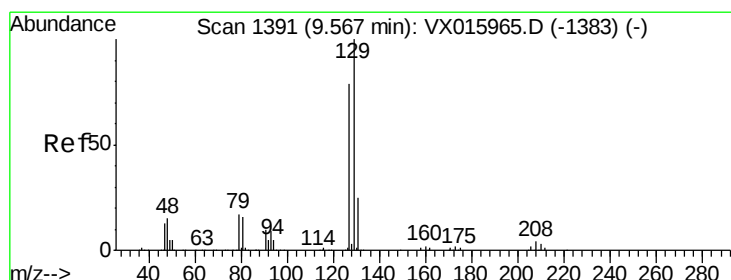
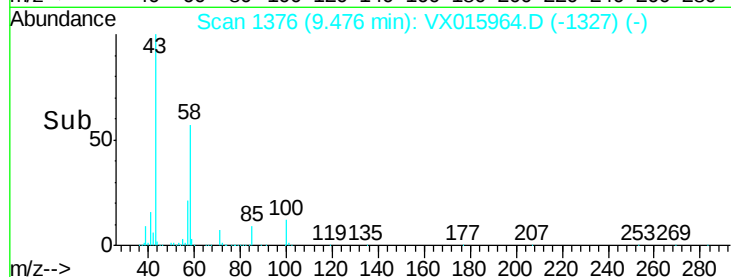
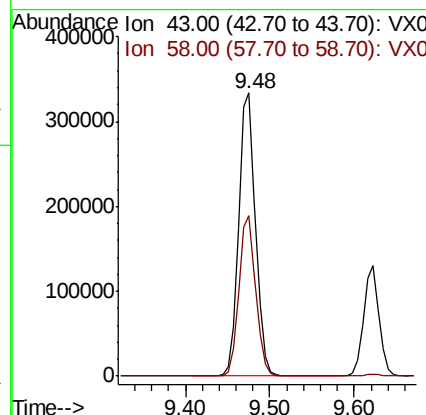
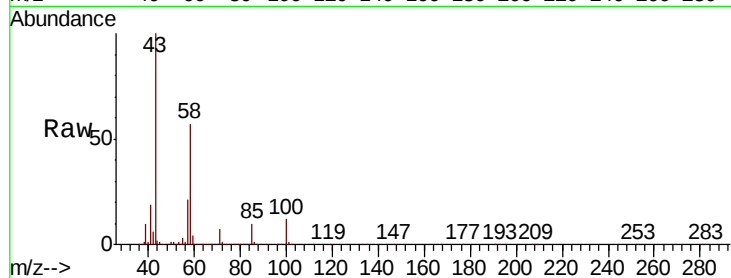




#59
2-Hexanone
Concen: 93.894 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

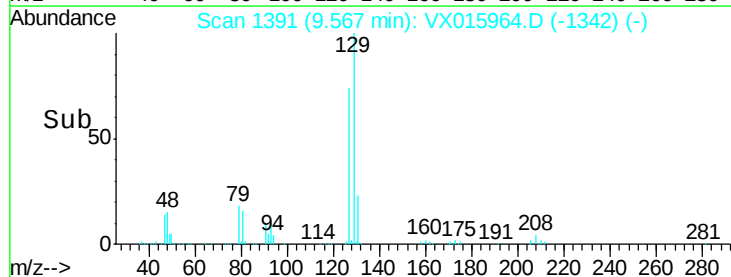
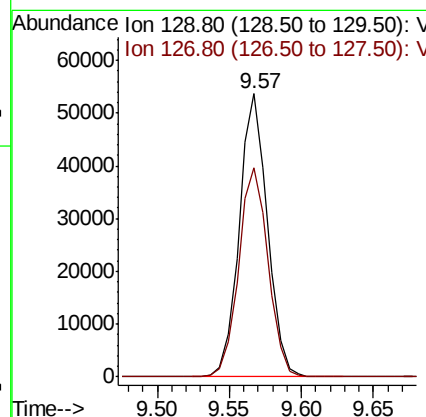
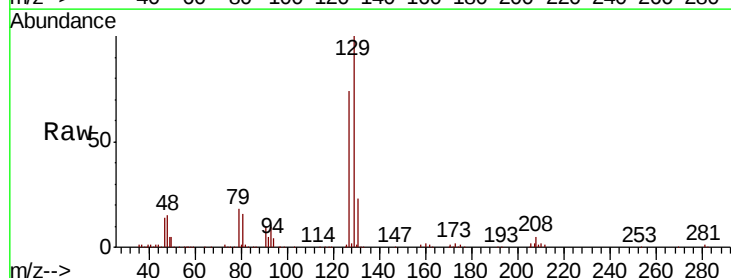
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

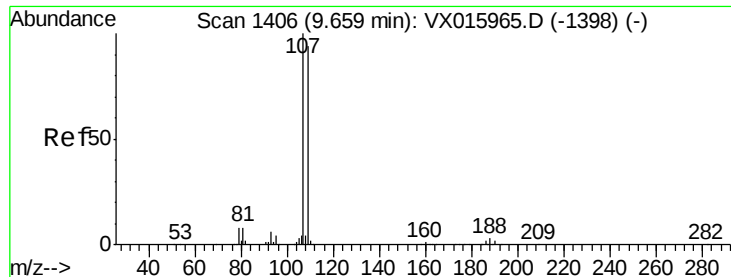
Tot Ion: 43 Resp: 447960
Ion Ratio Lower Upper
43 100
58 56.5 28.6 85.8



#60
Dibromochloromethane
Concen: 17.845 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion: 129 Resp: 72943
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.143 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

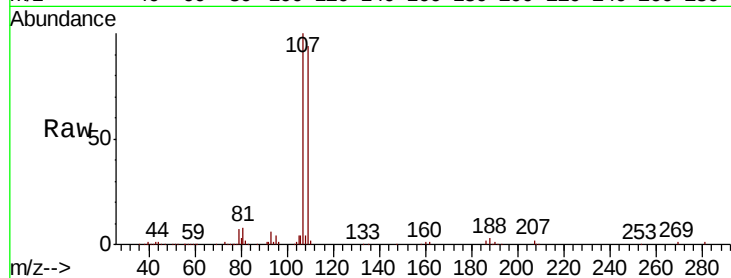
VSTDICCC050

Tot Ion:107 Resp: 76568

Ion Ratio Lower Upper

107 100

109 95.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

20000

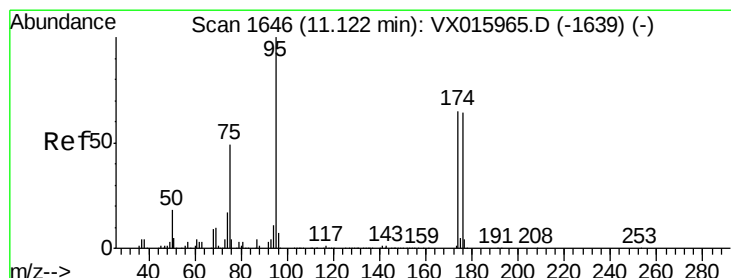
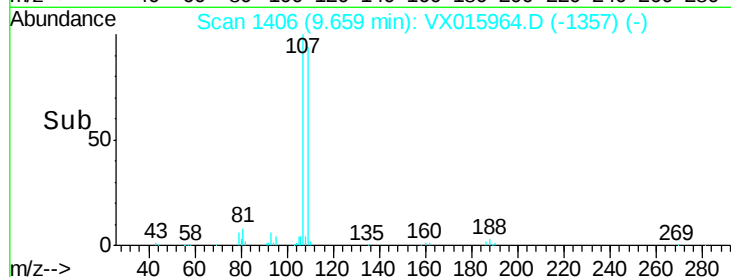
10000

0

9.66

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 18.449 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

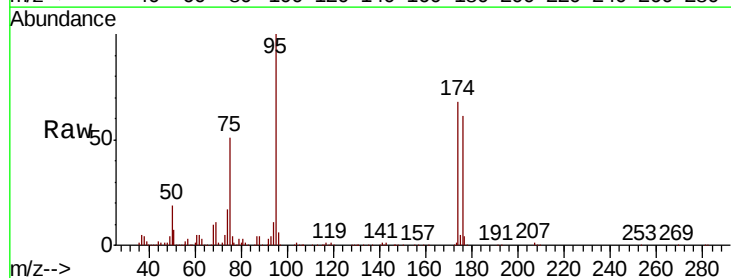
Tgt Ion: 95 Resp: 94249

Ion Ratio Lower Upper

95 100

174 67.2 0.0 133.6

176 61.8 0.0 130.4



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

100000

80000

60000

40000

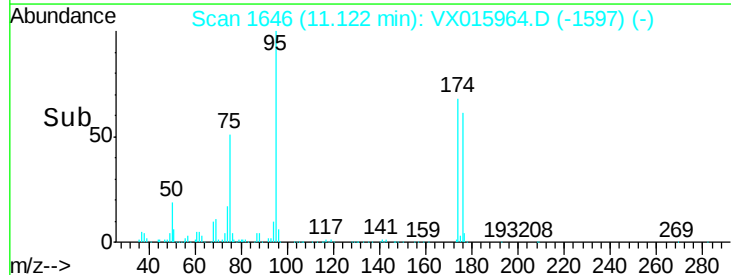
20000

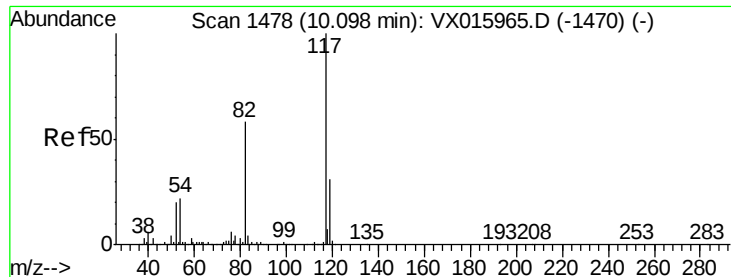
0

11.12

11.10 11.20

Time-->

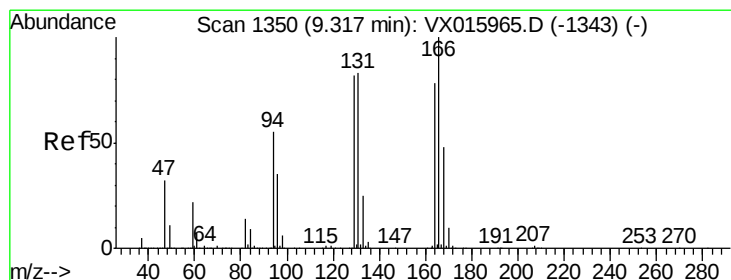
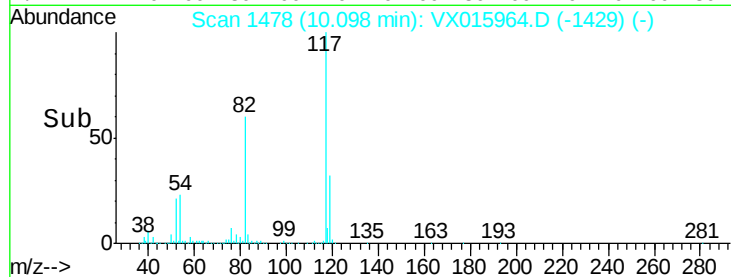
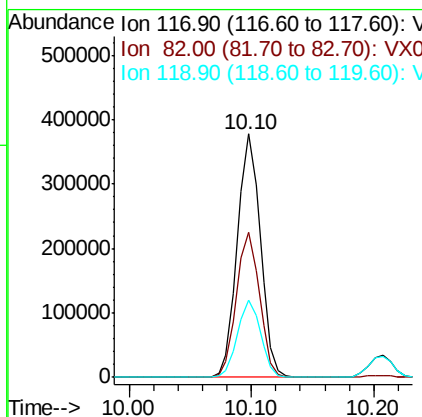
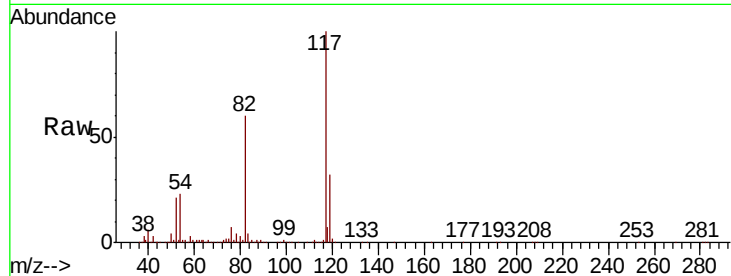




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

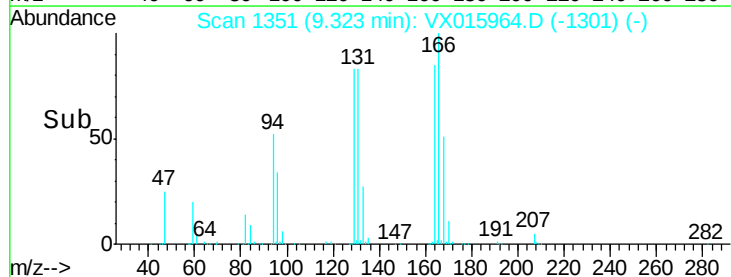
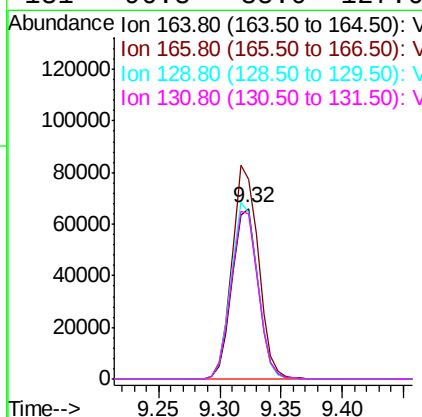
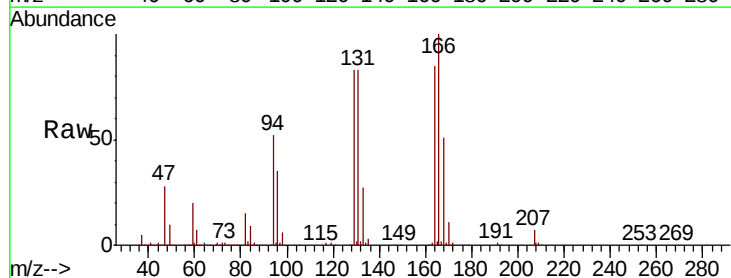
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

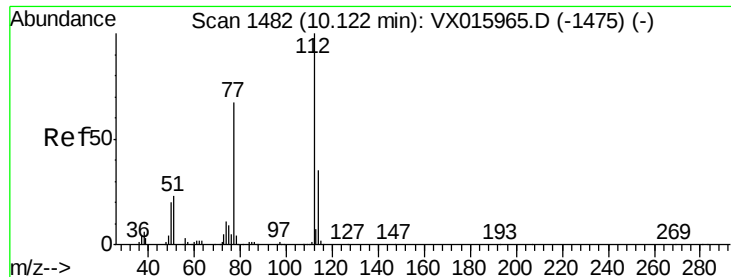
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.6	70.0
119	31.8	25.2	37.8



#64
Tetrachloroethene
Concen: 18.128 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.0	102.0	153.0
129	97.3	83.6	125.4
131	96.8	85.0	127.6

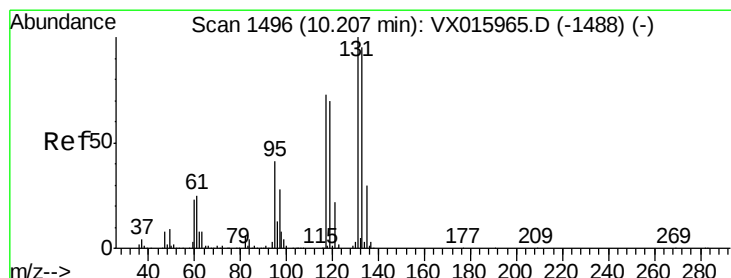
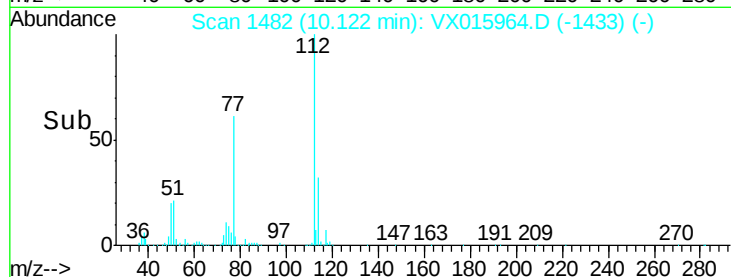
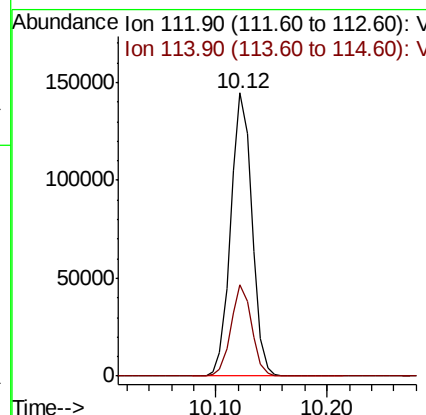
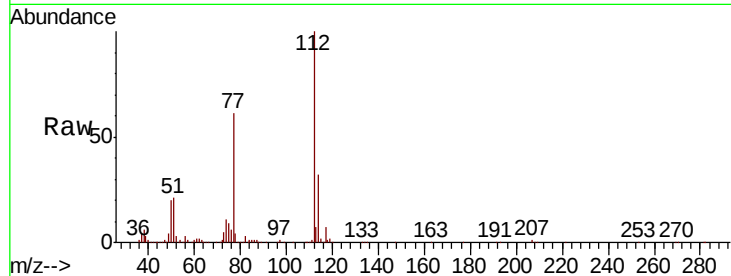




#65
Chlorobenzene
Concen: 18.346 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

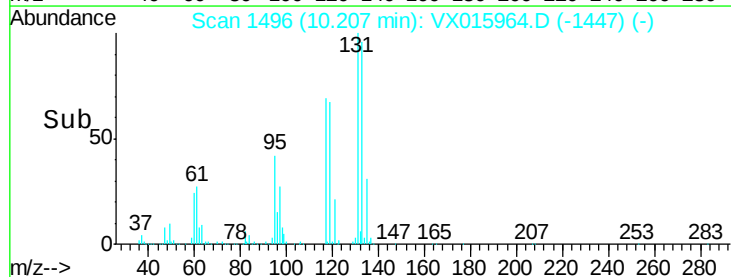
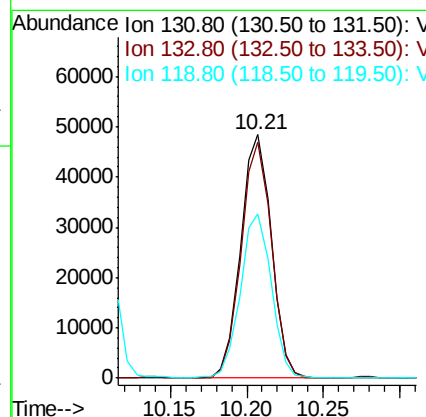
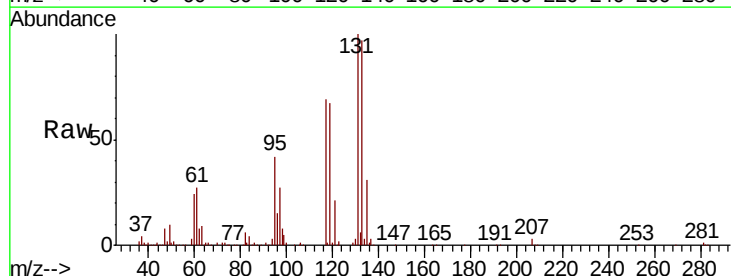
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

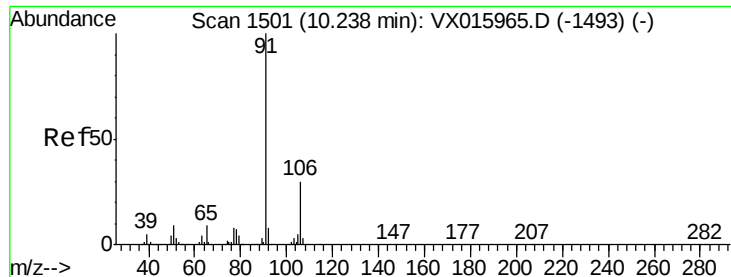
Tot Ion:112 Resp: 190990
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.062 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion:131 Resp: 67388
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 68.0 33.9 101.7





#67

Ethyl Benzene

Concen: 18.467 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

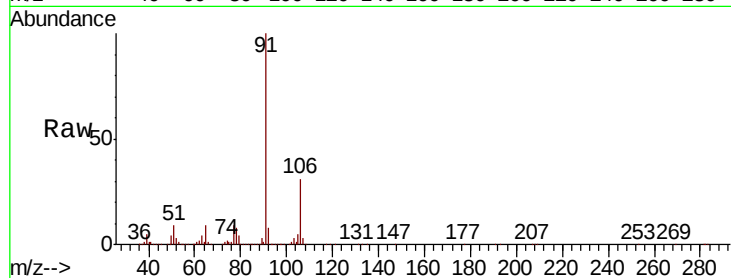
VSTDICCC050

Tot Ion: 91 Resp: 353502

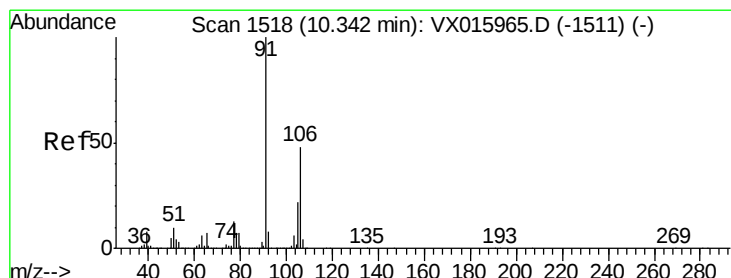
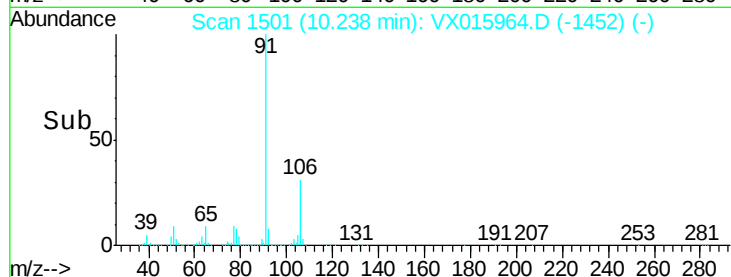
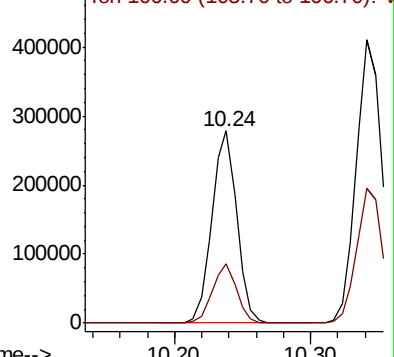
Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1493) (-)



#68

m/p-Xylenes

Concen: 36.112 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX015964.D

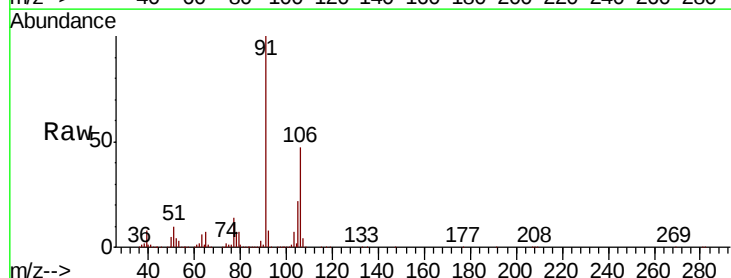
Acq: 28 Apr 2020 11:58

Tgt Ion: 106 Resp: 257970

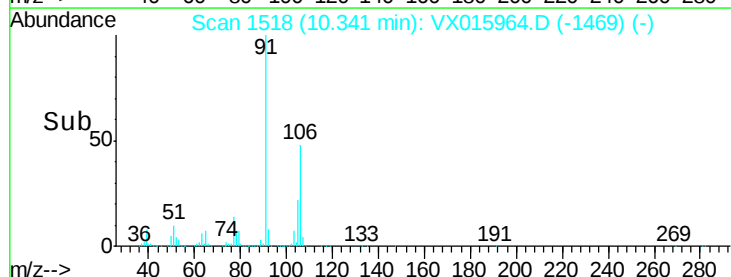
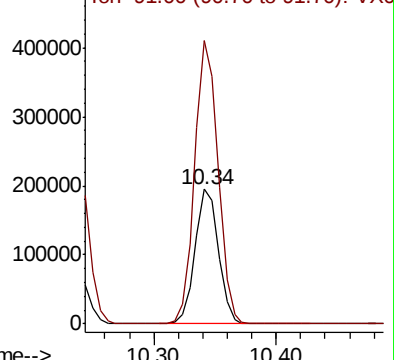
Ion Ratio Lower Upper

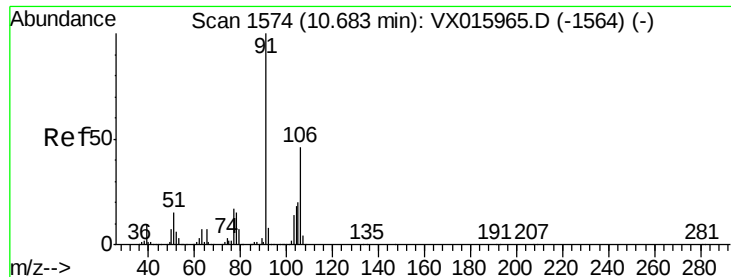
106 100

91 209.9 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): VX015964.D (-1511) (-)

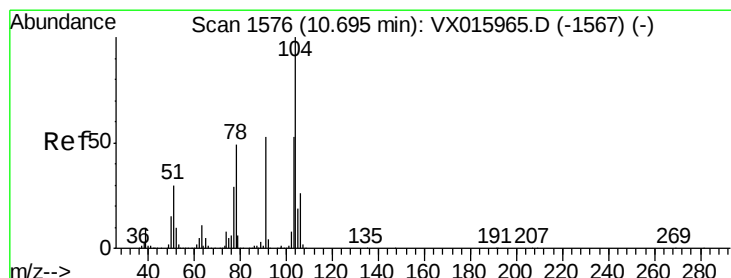
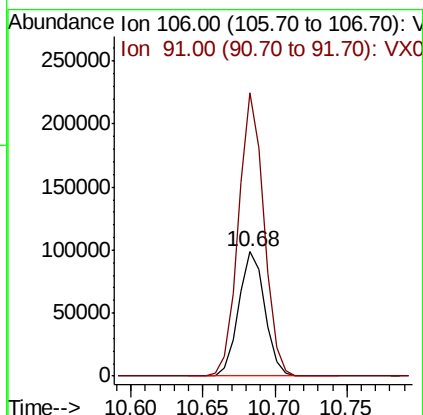
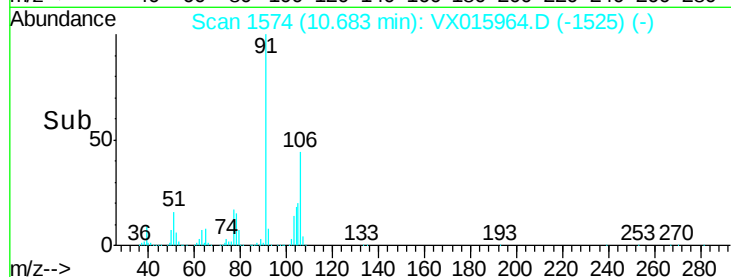
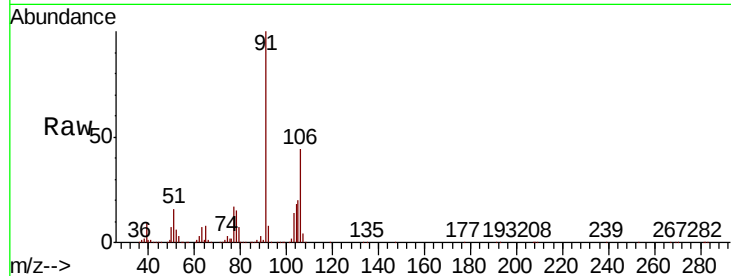




#69
o-Xylene
Concen: 18.029 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

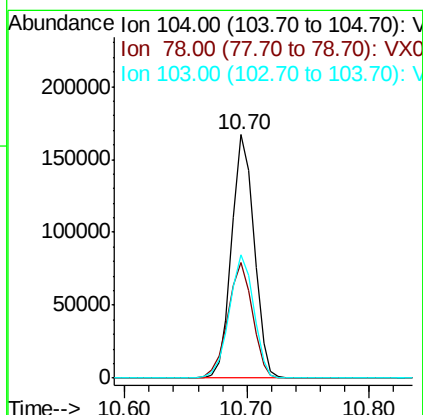
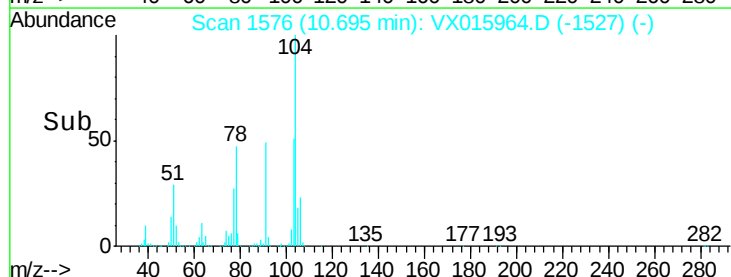
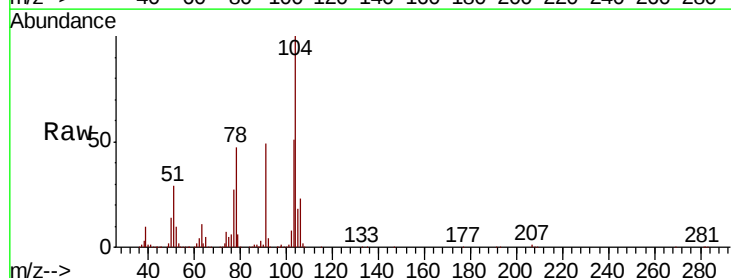
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

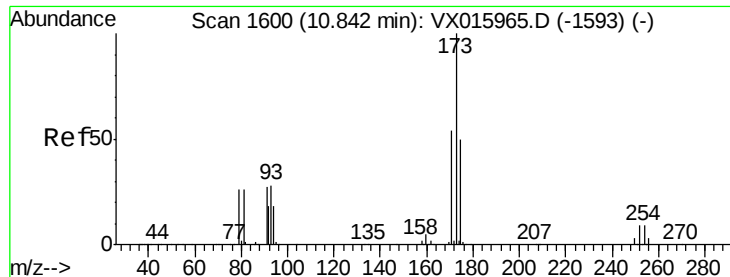
Tot Ion:106 Resp: 124288
Ion Ratio Lower Upper
106 100
91 221.6 109.8 329.4



#70
Styrene
Concen: 18.197 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion:104 Resp: 212149
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 55.0 44.2 66.2





#71

Bromoform

Concen: 17.290 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

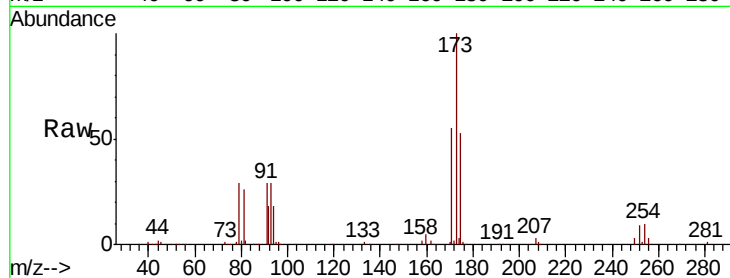
Tot Ion:173 Resp: 45654

Ion Ratio Lower Upper

173 100

175 49.3 23.6 71.0

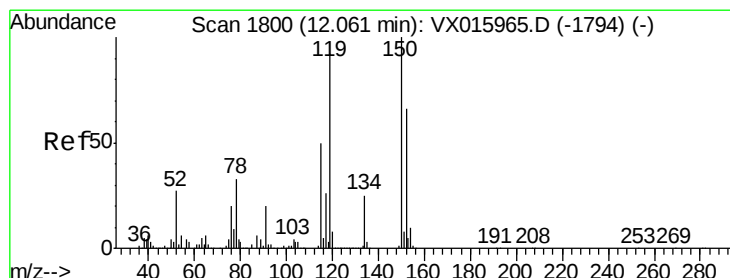
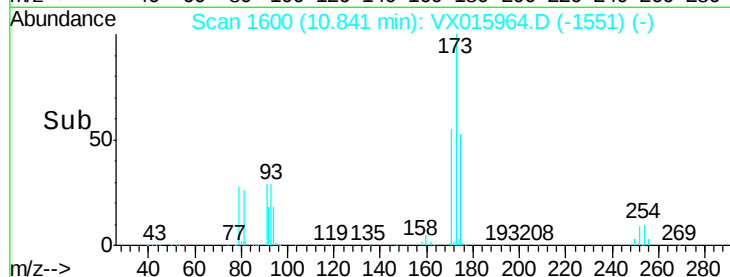
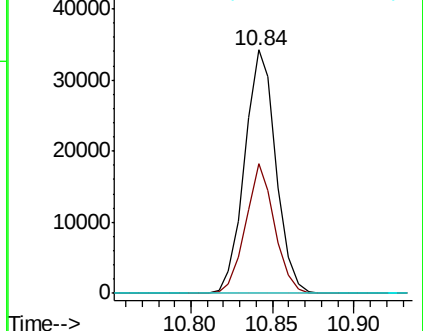
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

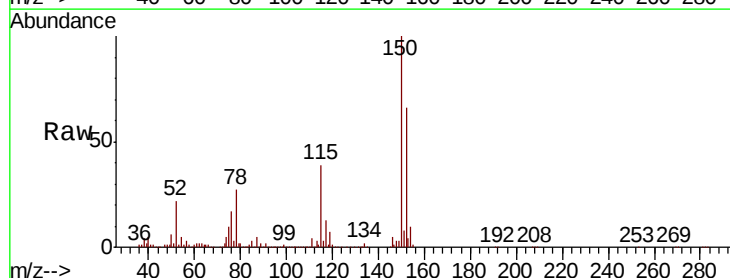
Tgt Ion:152 Resp: 229385

Ion Ratio Lower Upper

152 100

115 73.3 45.2 135.6

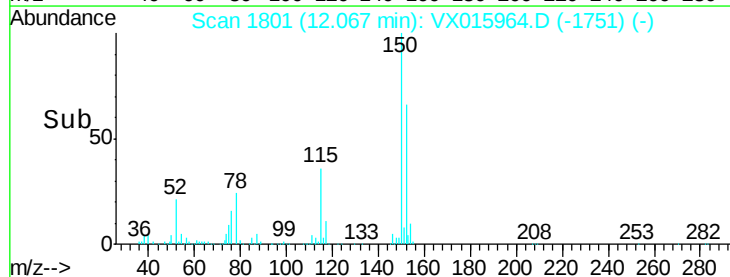
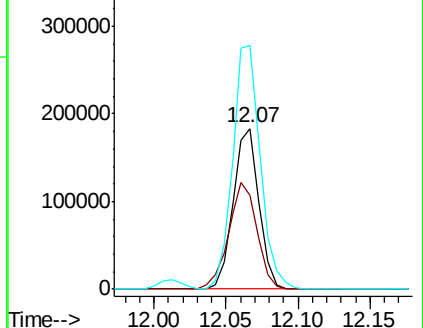
150 163.2 0.0 354.6

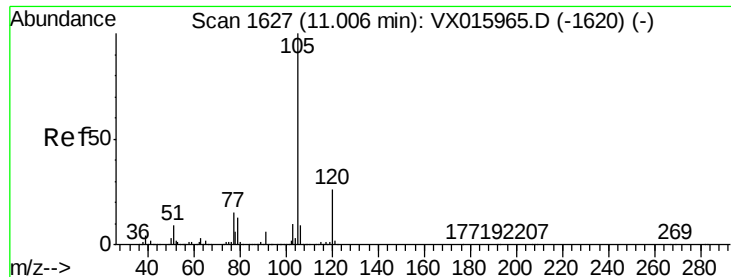


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.679 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

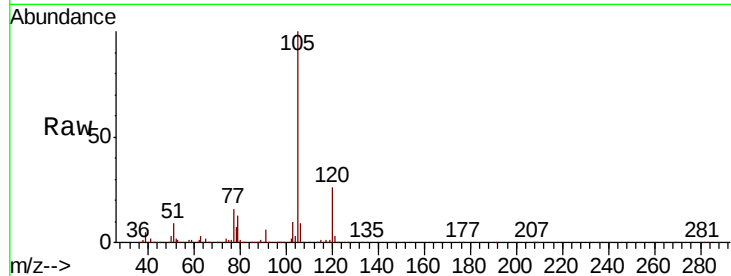
VSTDICCC050

Tot Ion:105 Resp: 337950

Ion Ratio Lower Upper

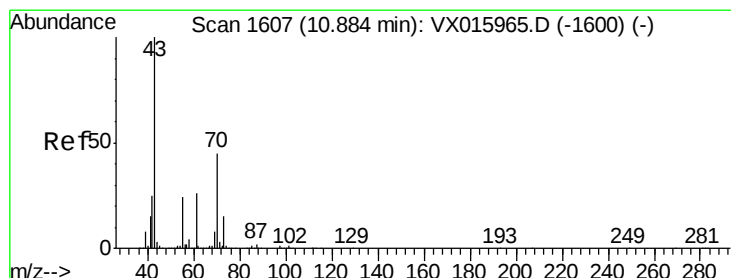
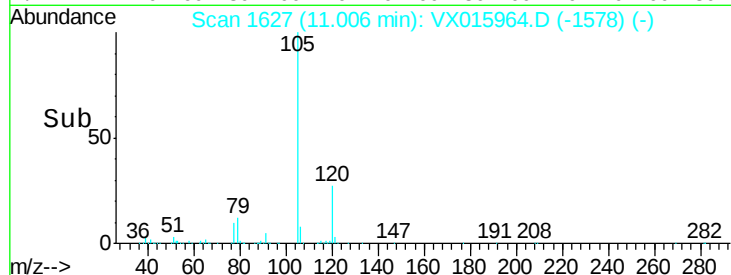
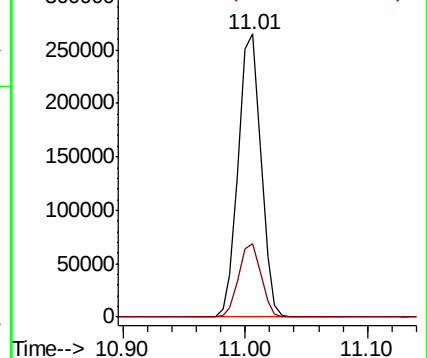
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.009 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Tgt Ion: 43 Resp: 161971

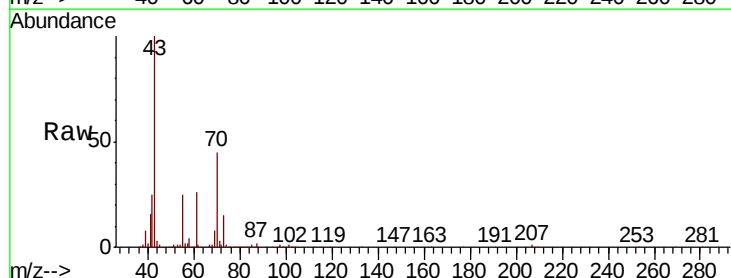
Ion Ratio Lower Upper

43 100

70 43.9 35.6 53.4

55 25.1 19.5 29.3

61 25.4 20.4 30.6

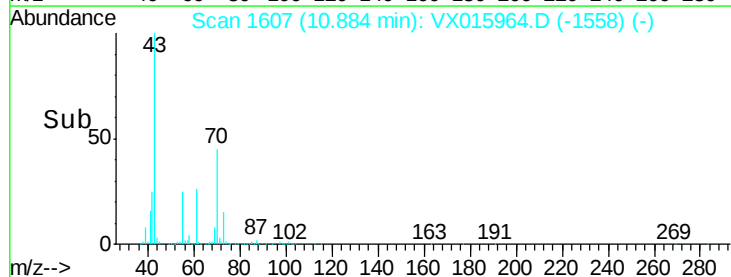
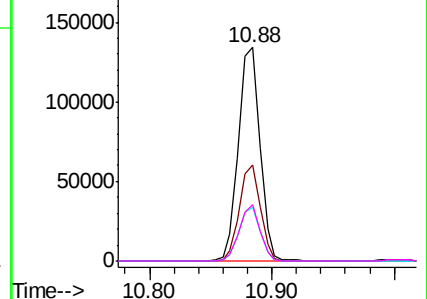


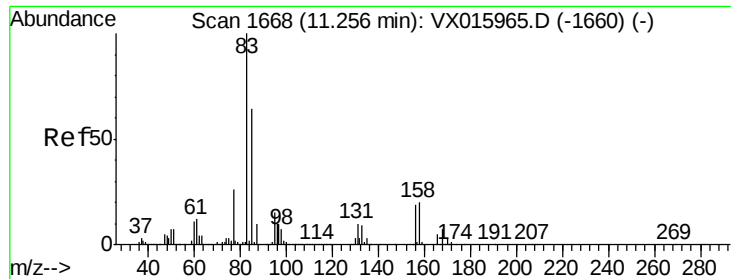
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.065 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

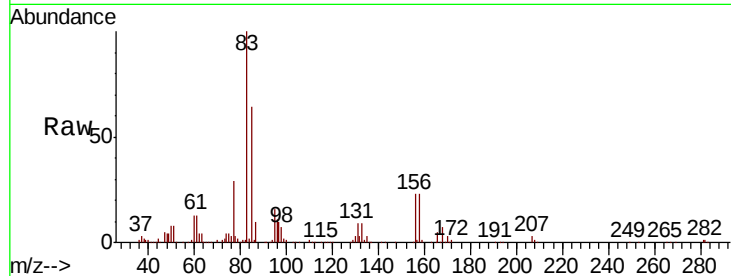
Tot Ion: 83 Resp: 59672

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

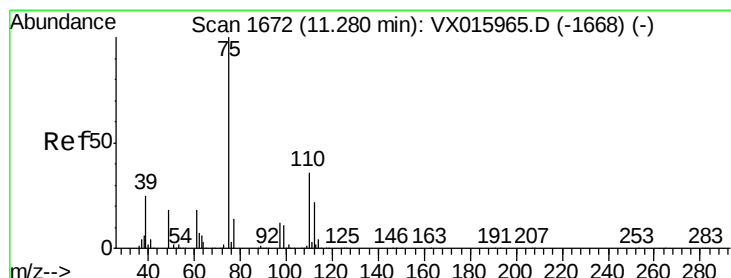
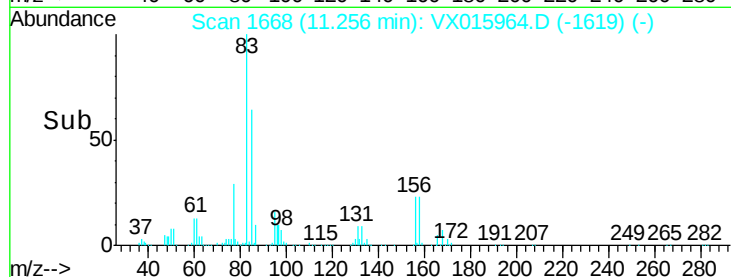
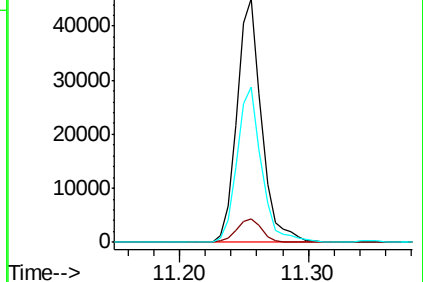
85 63.8 32.5 97.4



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: 25.427 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015964.D

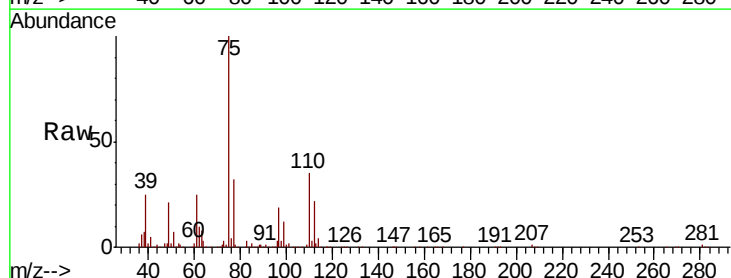
Acq: 28 Apr 2020 11:58

Tgt Ion: 75 Resp: 146226

Ion Ratio Lower Upper

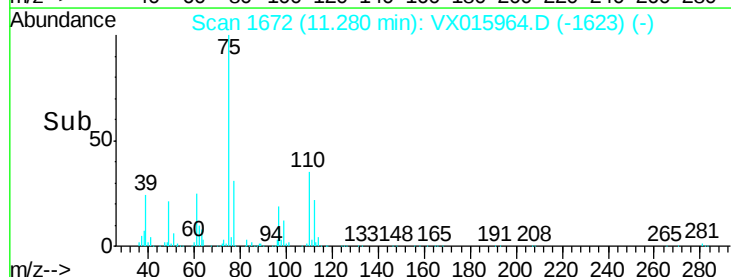
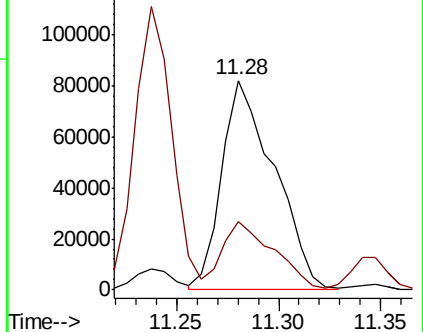
75 100

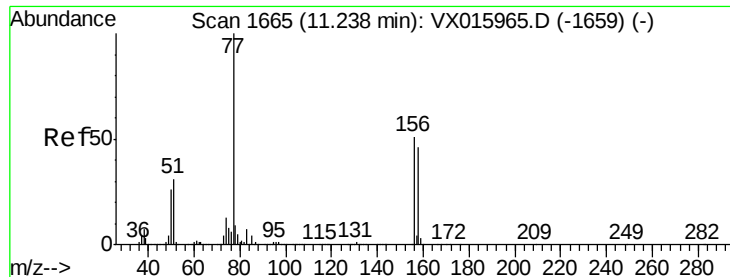
77 31.8 22.0 66.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.358 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

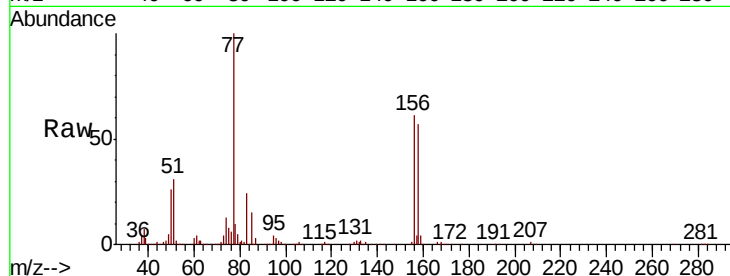
Tot Ion:156 Resp: 74569

Ion Ratio Lower Upper

156 100

77 187.4 93.8 281.3

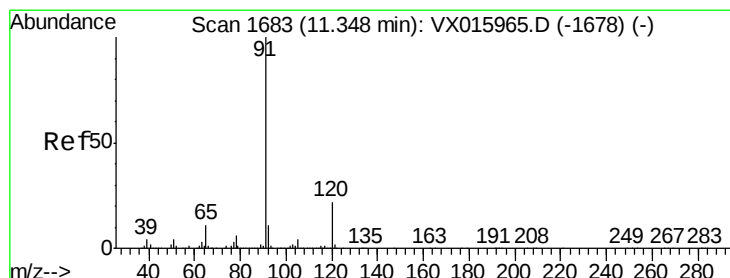
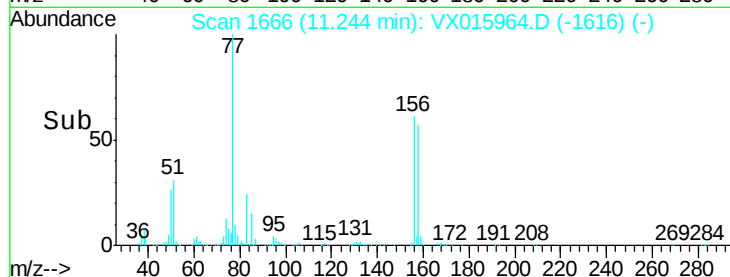
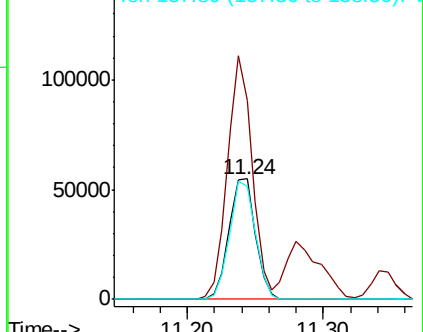
158 95.9 47.5 142.5



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: 18.212 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX015964.D

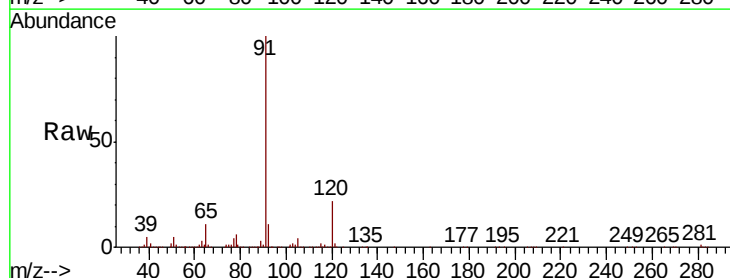
Acq: 28 Apr 2020 11:58

Tgt Ion: 91 Resp: 390850

Ion Ratio Lower Upper

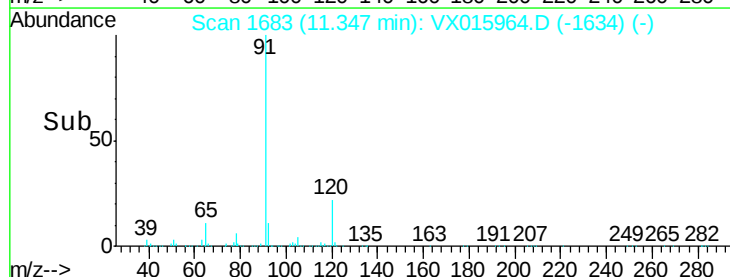
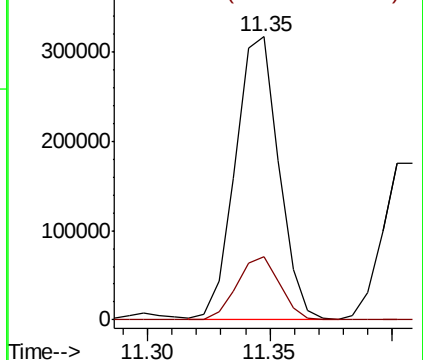
91 100

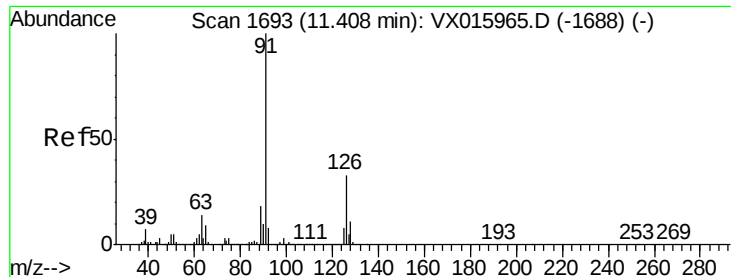
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

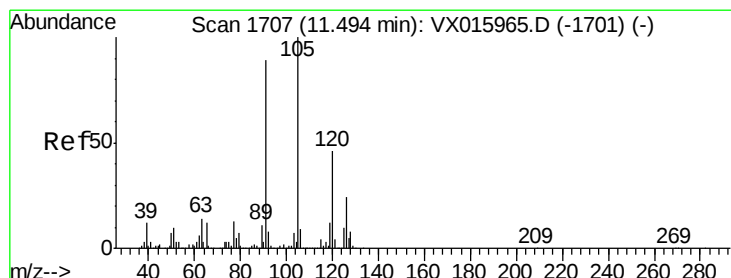
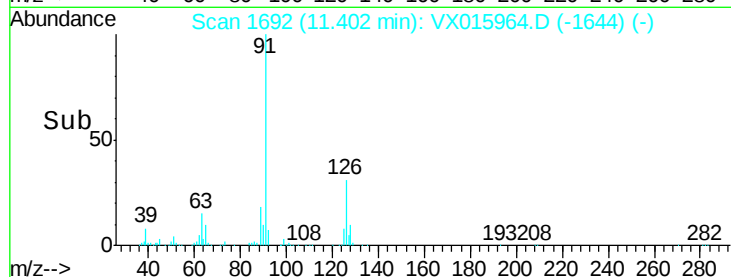
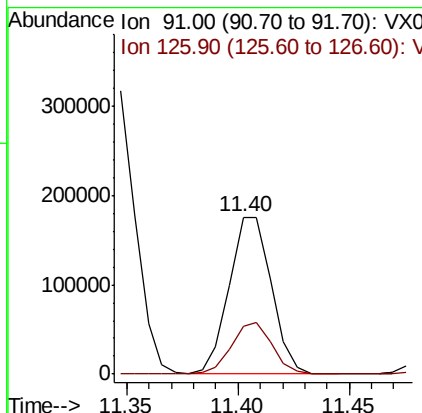
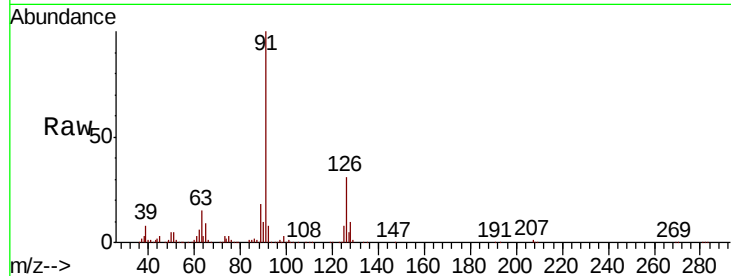




#79
 2-Chlorotoluene
 Concen: 18.403 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

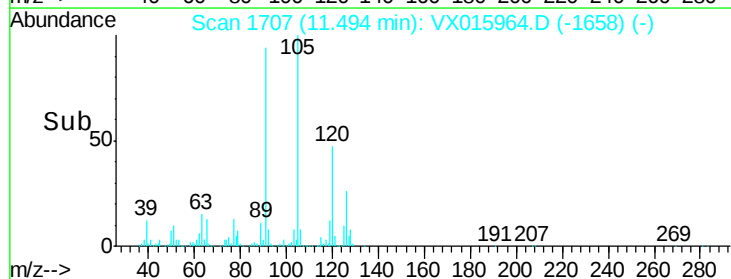
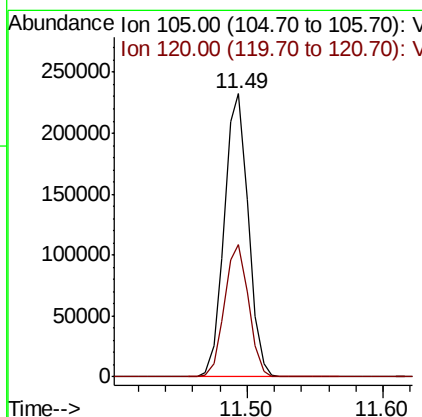
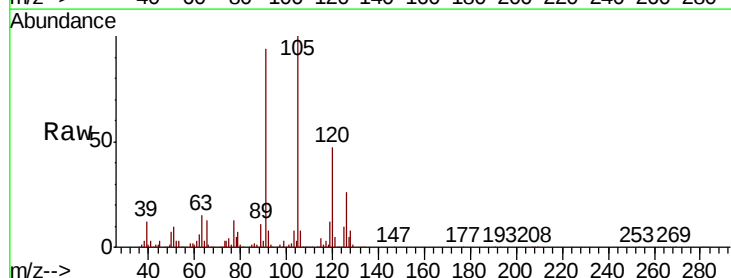
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

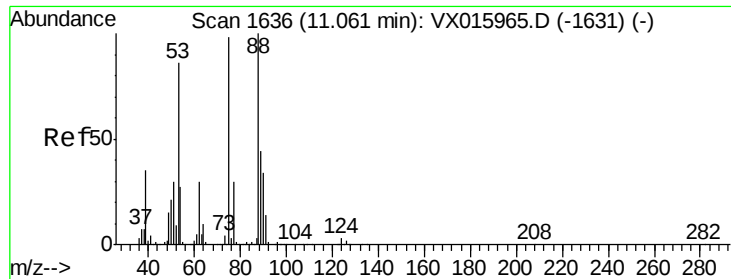
Tot Ion: 91 Resp: 232018
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.438 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion: 105 Resp: 284276
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.069 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

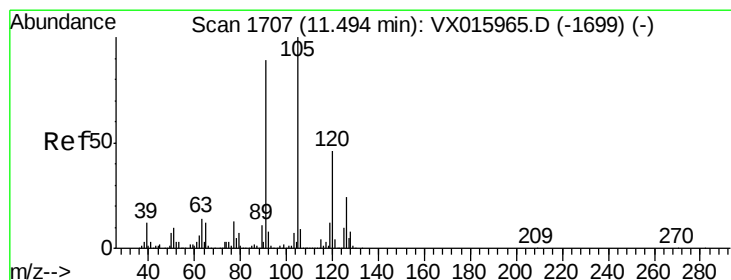
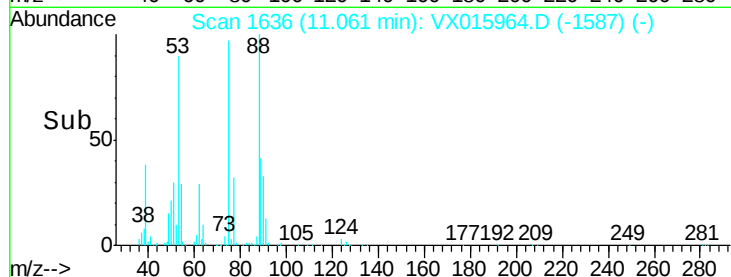
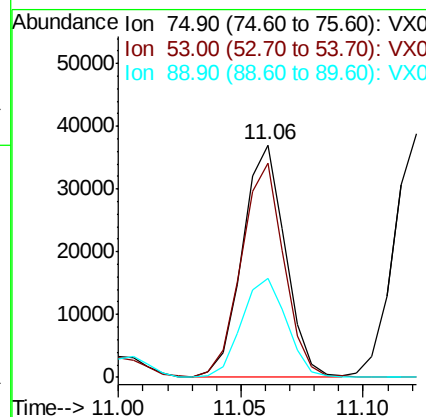
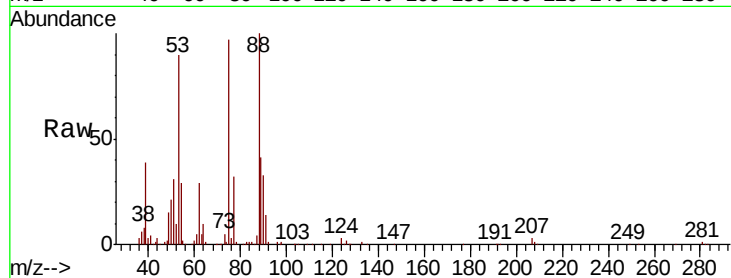
Tot Ion: 75 Resp: 44885

Ion Ratio Lower Upper

75 100

53 92.1 71.4 107.0

89 45.0 36.2 54.4



#82

4-Chlorotoluene

Concen: 18.206 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015964.D

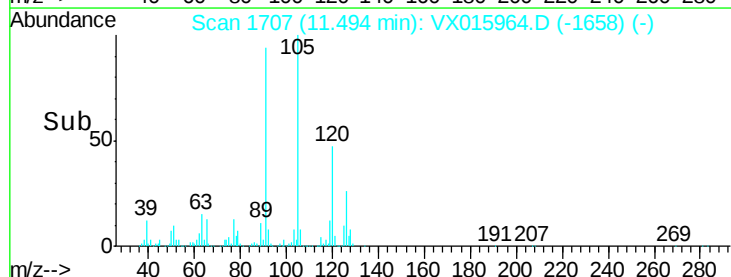
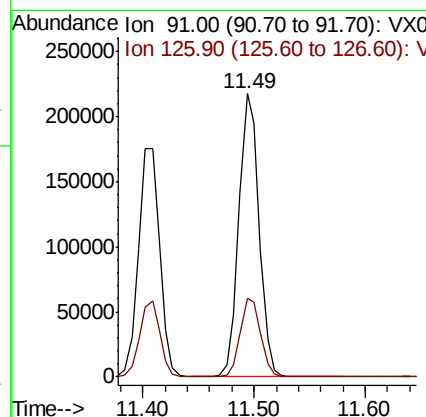
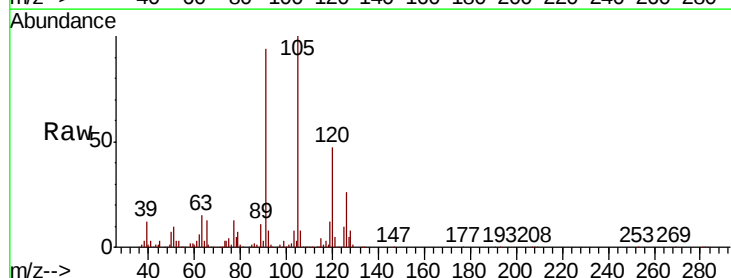
Acq: 28 Apr 2020 11:58

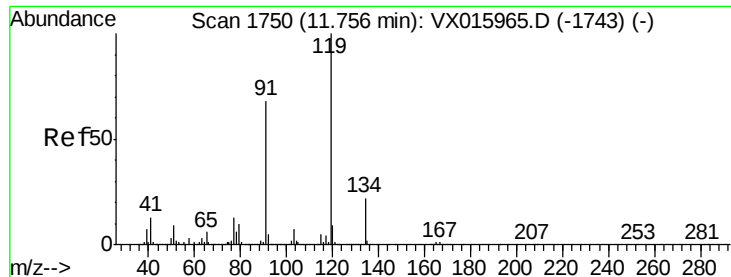
Tgt Ion: 91 Resp: 273282

Ion Ratio Lower Upper

91 100

126 27.9 14.1 42.2





#83

tert-Butylbenzene

Concen: 18.187 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

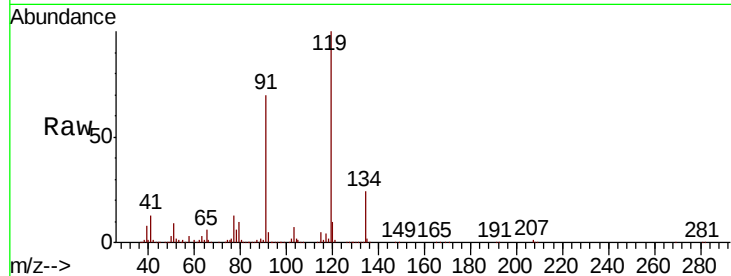
Tot Ion:119 Resp: 235196

Ion Ratio Lower Upper

119 100

91 70.5 34.9 104.7

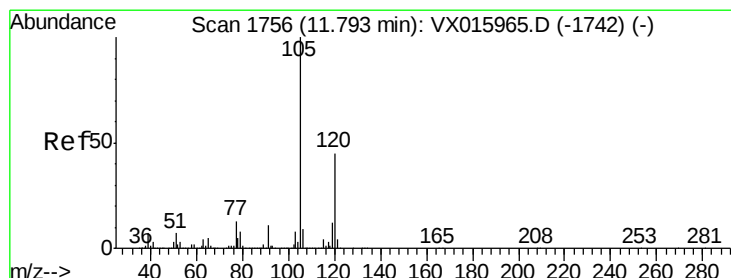
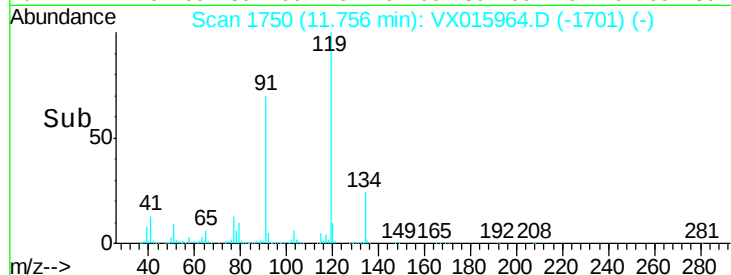
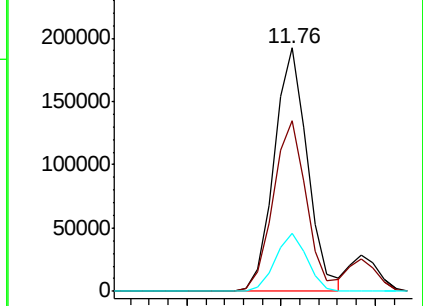
134 22.9 11.4 34.1



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: 18.226 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX015964.D

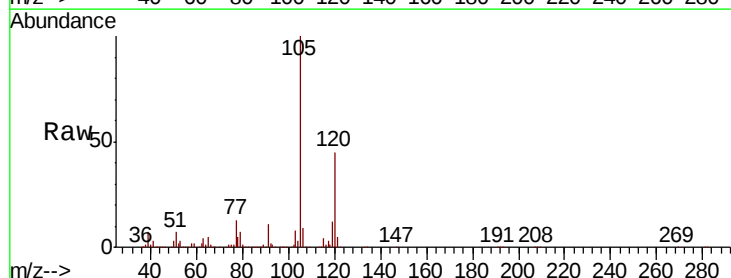
Acq: 28 Apr 2020 11:58

Tgt Ion:105 Resp: 283662

Ion Ratio Lower Upper

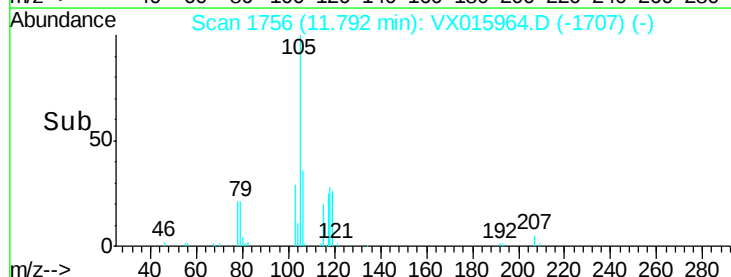
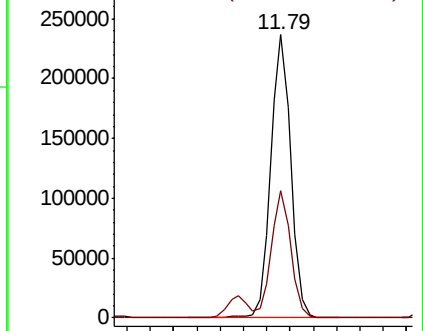
105 100

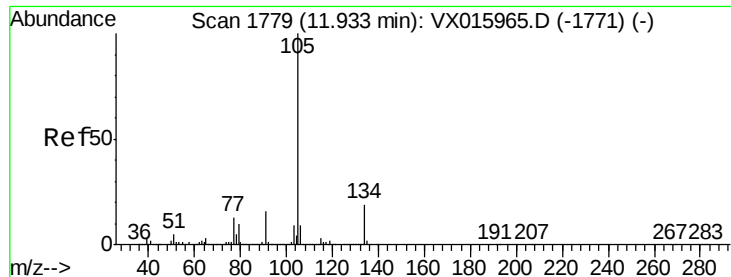
120 43.6 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.131 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

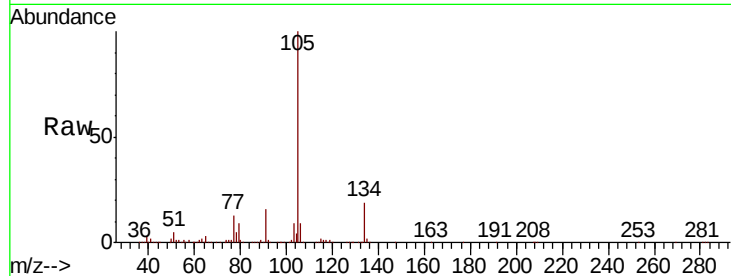
VSTDICCC050

Tot Ion:105 Resp: 324322

Ion Ratio Lower Upper

105 100

134 19.1 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

300000

250000

200000

150000

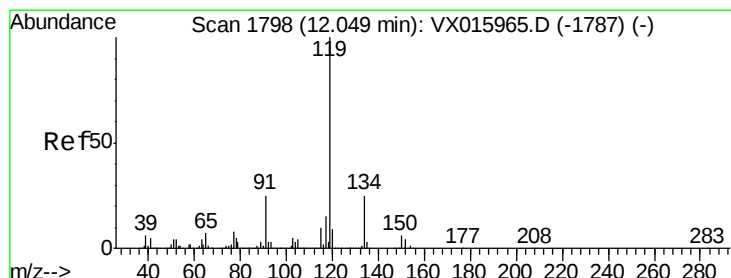
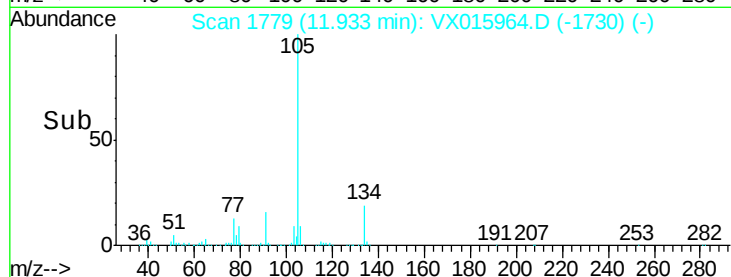
100000

50000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 17.619 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

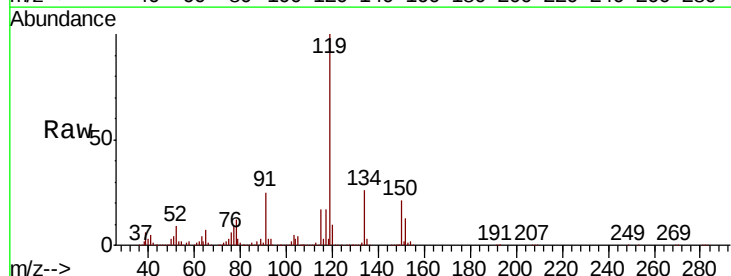
Tgt Ion:119 Resp: 289575

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.3 12.3 36.8



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): V

12.05

300000

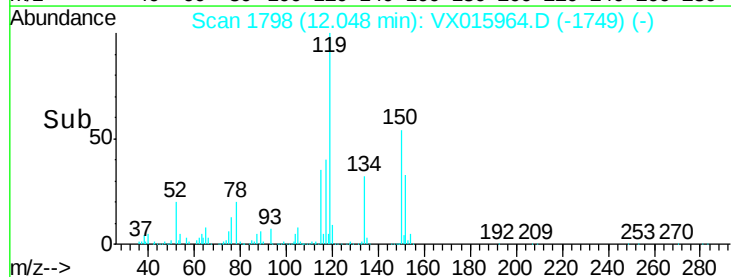
200000

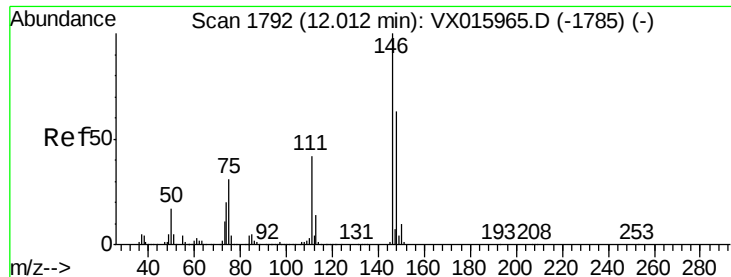
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 17.507 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

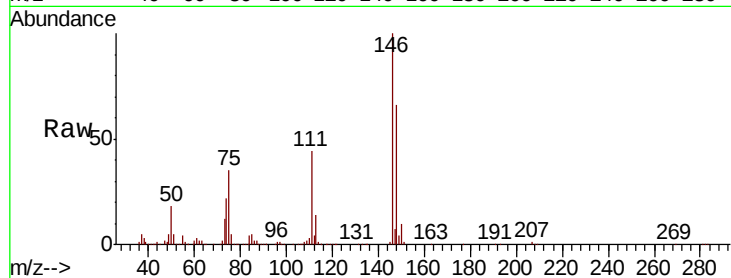
Tot Ion:146 Resp: 134805

Ion Ratio Lower Upper

146 100

111 44.7 22.0 66.0

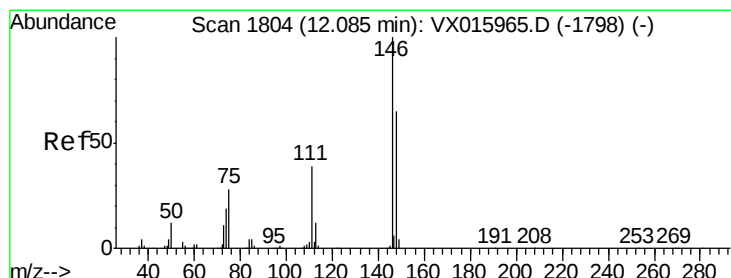
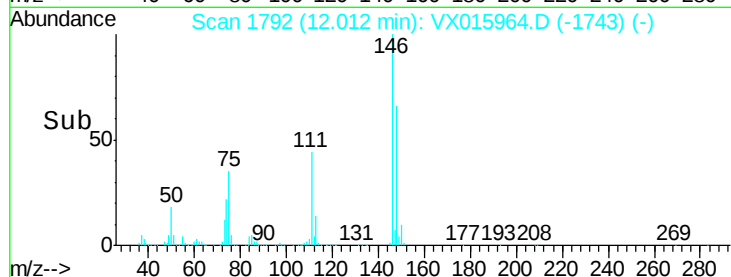
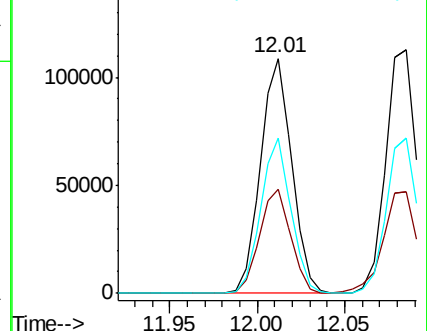
148 63.8 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.973 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

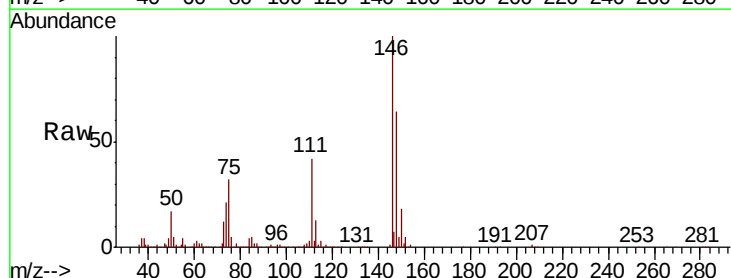
Tgt Ion:146 Resp: 139573

Ion Ratio Lower Upper

146 100

111 44.6 21.6 65.0

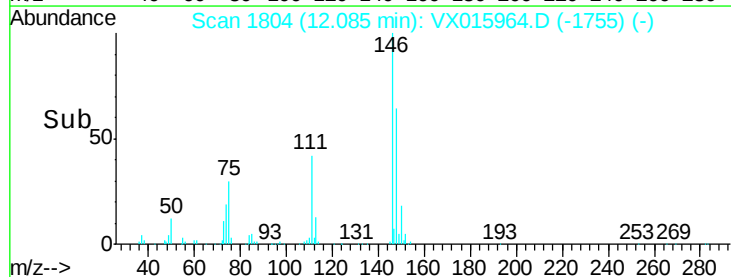
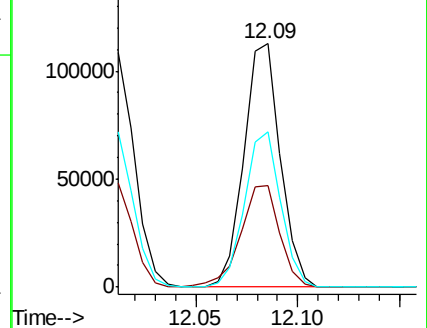
148 63.7 32.1 96.5

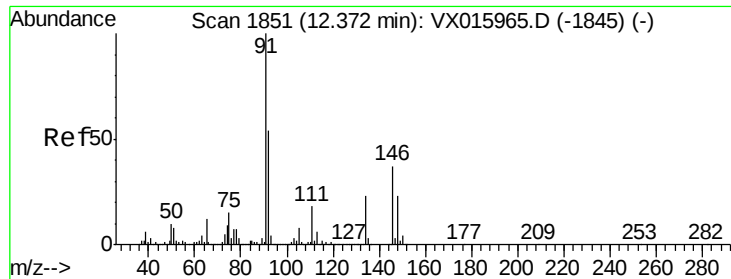


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.092 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

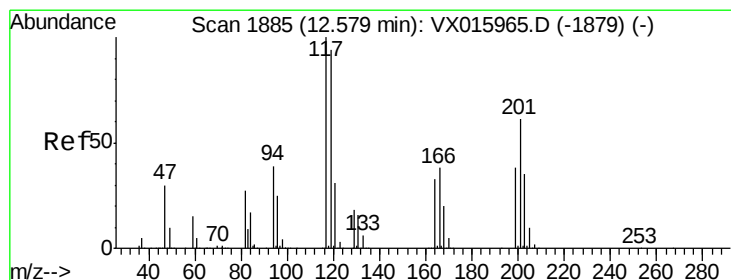
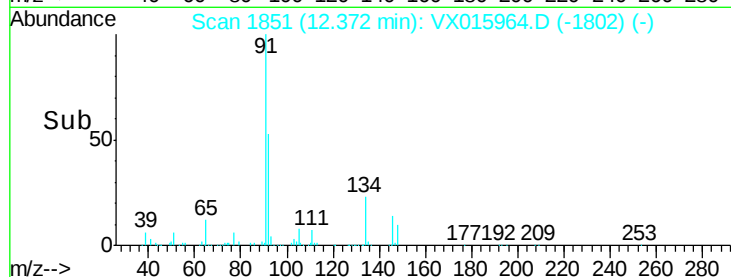
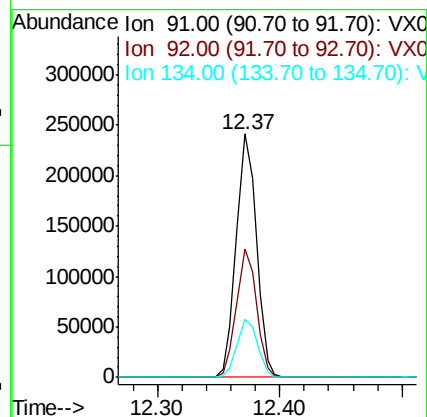
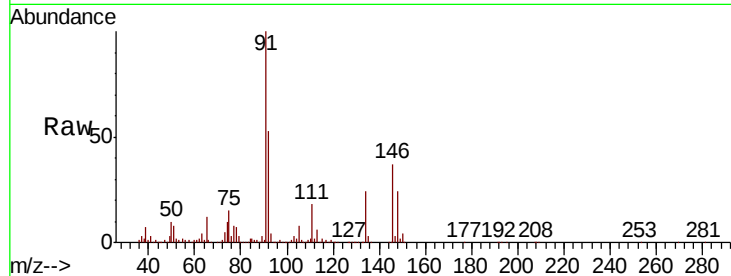
Tot Ion: 91 Resp: 274834

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.6

134 24.3 12.0 36.0



#90

Hexachloroethane

Concen: 17.663 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015964.D

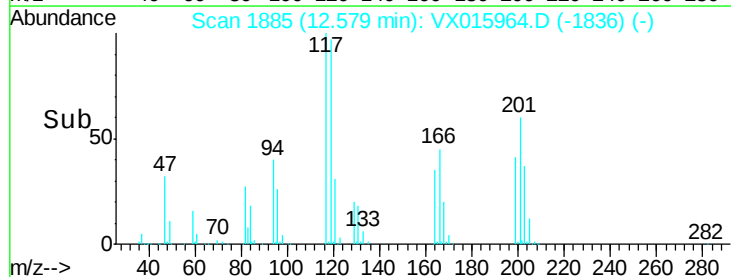
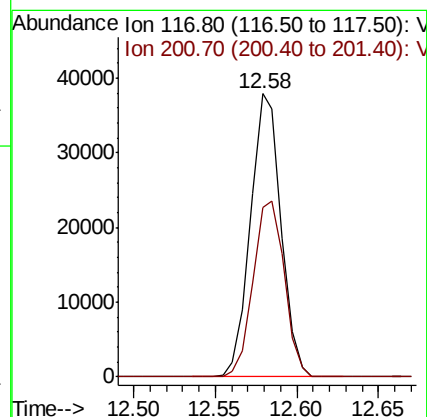
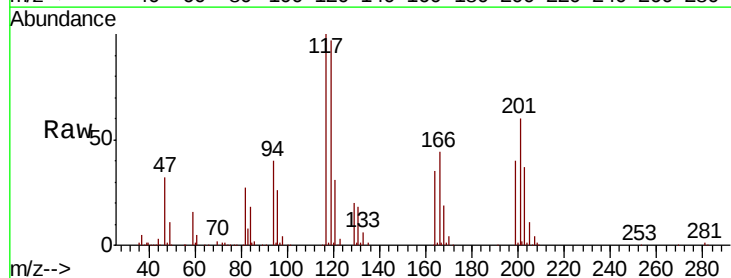
Acq: 28 Apr 2020 11:58

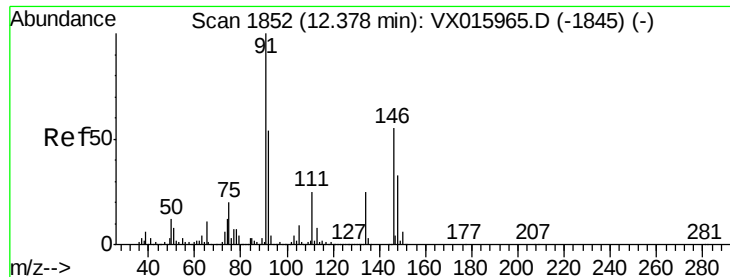
Tgt Ion: 117 Resp: 49750

Ion Ratio Lower Upper

117 100

201 63.4 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 18.139 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

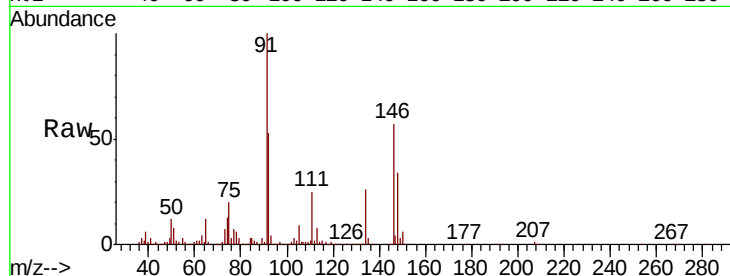
Tot Ion:146 Resp: 134131

Ion Ratio Lower Upper

146 100

111 45.3 22.9 68.8

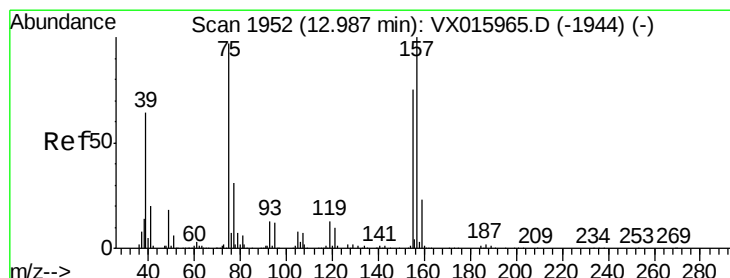
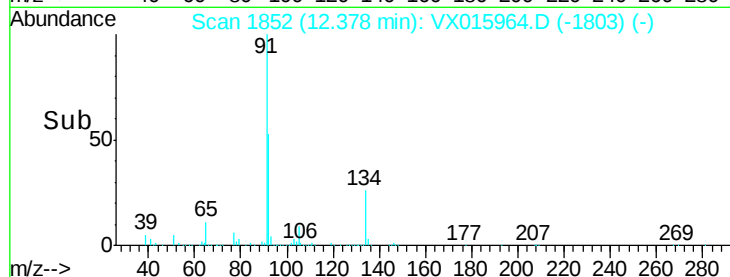
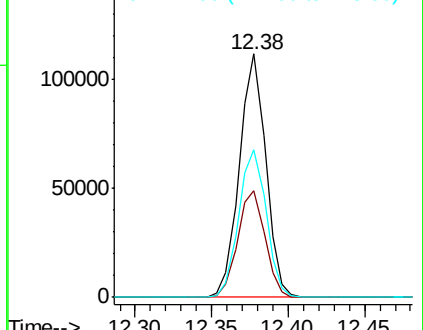
148 62.9 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.252 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX015964.D

Acq: 28 Apr 2020 11:58

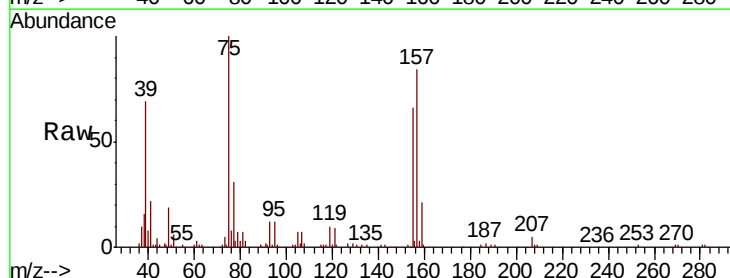
Tgt Ion: 75 Resp: 27102

Ion Ratio Lower Upper

75 100

155 73.7 36.1 108.3

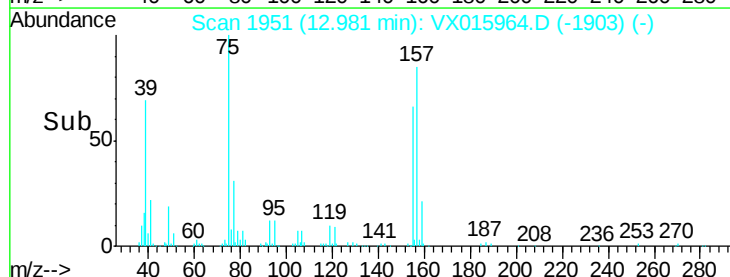
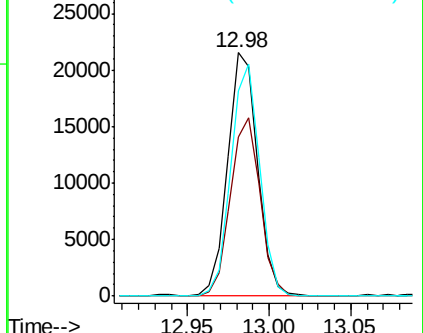
157 92.5 46.9 140.8

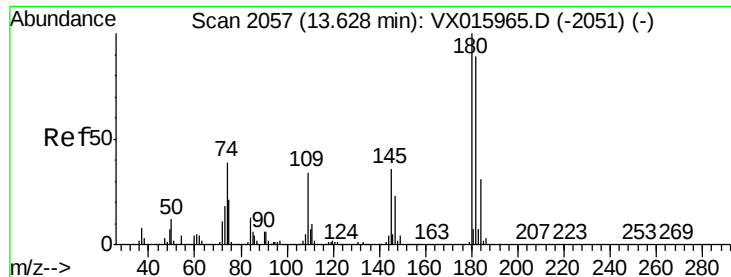


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

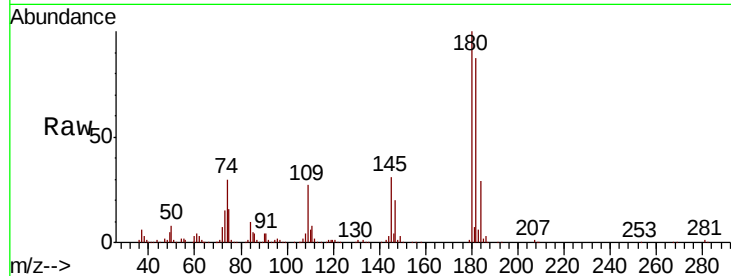




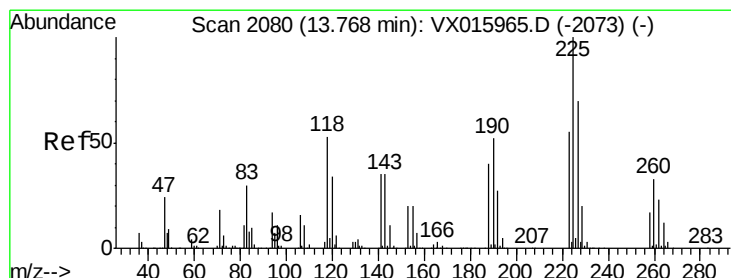
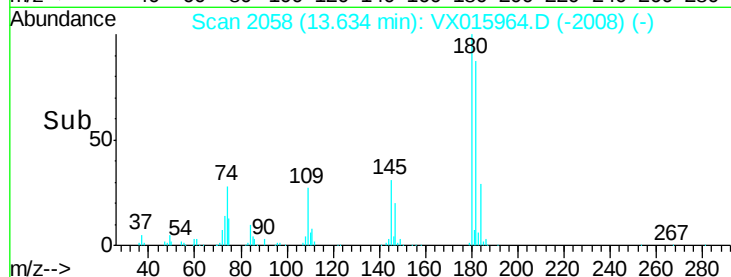
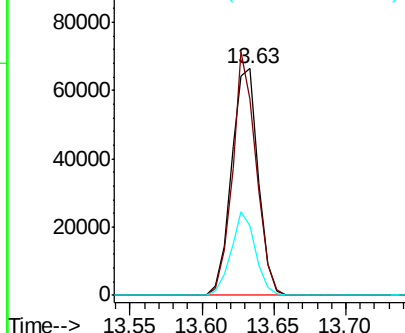
#93
 1,2,4-Trichlorobenzene
 Concen: 17.843 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 85983
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.4 145.0
 145 33.8 16.9 50.7

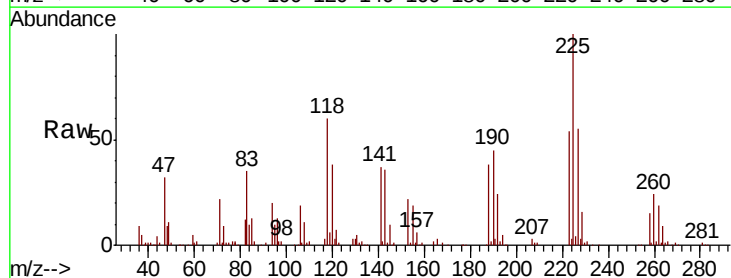


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

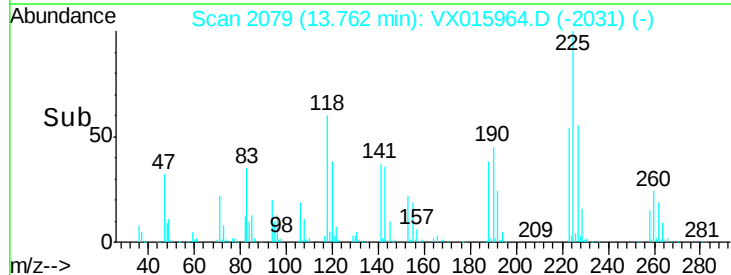
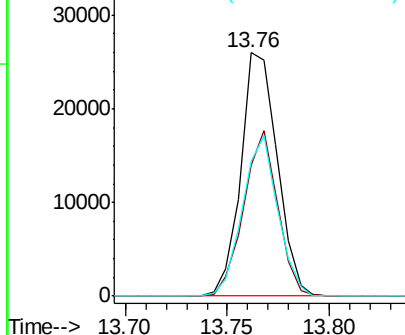


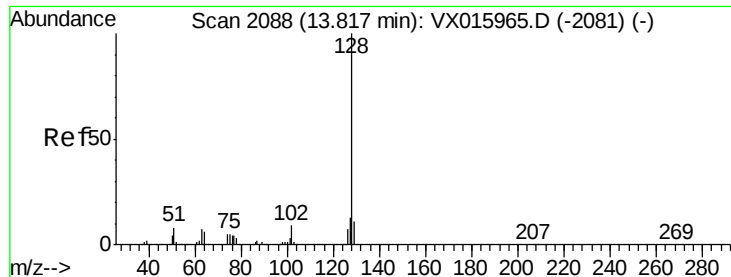
#94
 Hexachlorobutadiene
 Concen: 17.725 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX015964.D
 Acq: 28 Apr 2020 11:58

Tgt Ion:225 Resp: 32258
 Ion Ratio Lower Upper
 225 100
 223 63.5 29.1 87.3
 227 63.9 32.8 98.4



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

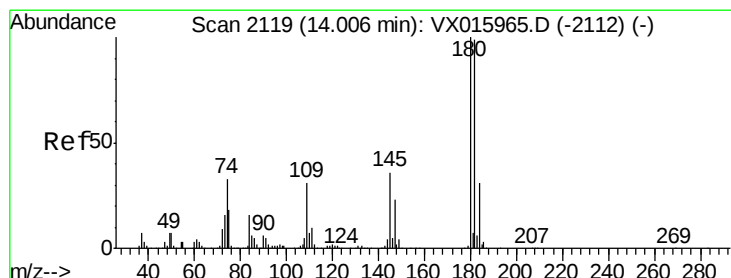
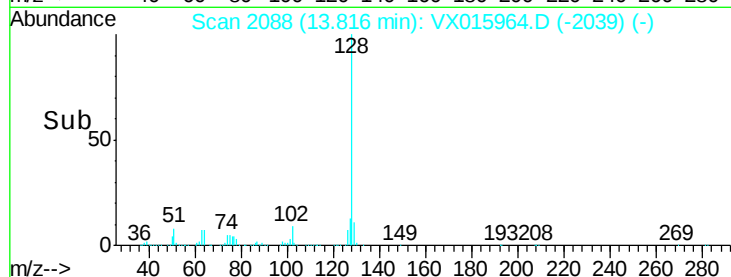
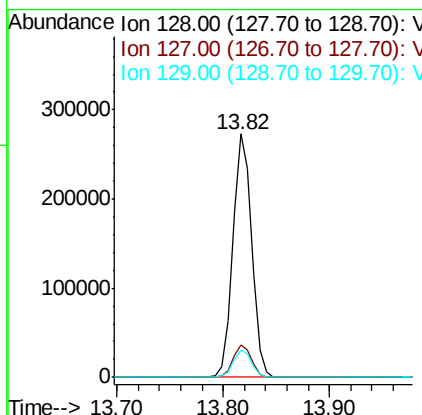
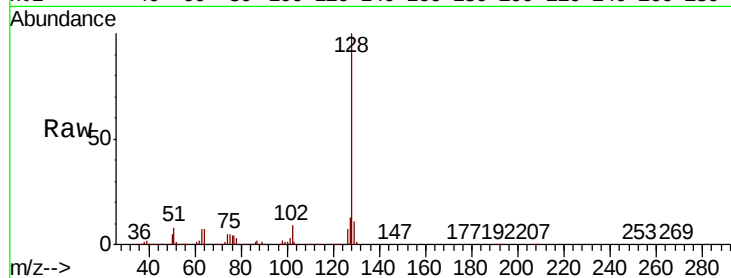




#95
Naphthalene
Concen: 18.478 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 338027
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.255 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX015964.D
Acq: 28 Apr 2020 11:58

Tgt Ion:180 Resp: 86429
Ion Ratio Lower Upper
180 100
182 92.9 46.5 139.5
145 35.5 17.9 53.7

