

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015829.D
 Acq On : 22 Apr 2020 05:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 07:21:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	833662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1289478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1210955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	657997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	540089	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
35) Dibromofluoromethane	5.47	113	424952	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.70	98	1623405	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.12	95	676217	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	291612	39.704	ug/l	100
3) Chloromethane	1.31	50	339695	36.318	ug/l	98
4) Vinyl Chloride	1.39	62	401439	46.741	ug/l	97
5) Bromomethane	1.62	94	128783	29.158	ug/l	97
6) Chloroethane	1.71	64	256935	48.236	ug/l	99
7) Trichlorofluoromethane	1.92	101	578306	50.209	ug/l	99
8) Diethyl Ether	2.17	74	241782	49.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	383008	51.009	ug/l	96
10) Methyl Iodide	2.49	142	425737	42.055	ug/l	96
11) Tert butyl alcohol	3.02	59	592482	210.524	ug/l	100
12) 1,1-Dichloroethene	2.36	96	388813	49.400	ug/l	98
13) Acrolein	2.28	56	441478	275.380	ug/l	99
14) Allyl chloride	2.71	41	851566	46.305	ug/l	95
15) Acrylonitrile	3.12	53	1399014	260.665	ug/l	99
16) Acetone	2.42	43	1171215	231.857	ug/l	95
17) Carbon Disulfide	2.55	76	959391	39.958	ug/l	100
18) Methyl Acetate	2.75	43	715185	55.472	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1576114	51.633	ug/l	100
20) Methylene Chloride	2.84	84	471534	49.975	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	432122	49.471	ug/l	99
22) Diisopropyl ether	3.83	45	1686036	51.739	ug/l	96
23) Vinyl Acetate	3.79	43	7264119	246.199	ug/l	100
24) 1,1-Dichloroethane	3.67	63	863515	50.328	ug/l	98
25) 2-Butanone	4.64	43	1990080	244.969	ug/l	99
26) 2,2-Dichloropropane	4.56	77	542857	38.546	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	531113	52.555	ug/l	96
28) Bromochloromethane	4.98	49	374970	45.773	ug/l	93
29) Tetrahydrofuran	5.09	42	1294331	247.833	ug/l	98
30) Chloroform	5.19	83	861307	52.177	ug/l	97
31) Cyclohexane	5.56	56	735077	49.386	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	764504	51.174	ug/l	98
36) 1,1-Dichloropropene	5.78	75	621947	52.348	ug/l	98
37) Ethyl Acetate	4.80	43	780947	50.481	ug/l	99
38) Carbon Tetrachloride	5.76	117	634451	49.303	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	706648	51.584	ug/l	96
40) Benzene	6.12	78	1904270	54.716	ug/l	98
41) Methacrylonitrile	5.01	41	461091	53.692	ug/l	97
42) 1,2-Dichloroethane	6.17	62	704080	50.365	ug/l	97
43) Isopropyl Acetate	6.42	43	1355535	51.906	ug/l	98
44) Trichloroethene	7.19	130	671452	70.741	ug/l	92
45) 1,2-Dichloropropane	7.50	63	519837	54.601	ug/l	96
46) Dibromomethane	7.64	93	354591	56.777	ug/l	93
47) Bromodichloromethane	7.88	83	698017	52.452	ug/l	97
48) Methyl methacrylate	7.75	41	661222	50.691	ug/l	94
49) 1,4-Dioxane	7.72	88	229973	945.073	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4004484	270.575	ug/l	98
52) Toluene	8.77	92	1237359	57.667	ug/l	96
53) t-1,3-Dichloropropene	9.03	75	797863	51.121	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	840028	52.836	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	509943	58.007	ug/l	96
56) Ethyl methacrylate	9.16	69	872710	56.329	ug/l	93
57) 1,3-Dichloropropane	9.36	76	867972	54.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1844625	244.779	ug/l	98
59) 2-Hexanone	9.48	43	3023098	270.556	ug/l	97
60) Dibromochloromethane	9.57	129	544316	51.528	ug/l	98
61) 1,2-Dibromoethane	9.65	107	531317	55.584	ug/l	99
64) Tetrachloroethene	9.32	164	879261	96.212	ug/l	95
65) Chlorobenzene	10.12	112	1340921	55.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	534465	55.396	ug/l	99
67) Ethyl Benzene	10.24	91	2363104	55.171	ug/l	98
68) m/p-Xylenes	10.34	106	1758077	110.229	ug/l	98
69) o-Xylene	10.68	106	876992	55.645	ug/l	100
70) Styrene	10.70	104	1576882	56.858	ug/l	97
71) Bromoform	10.84	173	395168	44.992	ug/l #	95
73) Isopropylbenzene	11.00	105	2372443	55.028	ug/l	100
74) N-amyl acetate	10.88	43	1246889	52.000	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	539937	36.498	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	935501	69.137	ug/l	83
77) Bromobenzene	11.24	156	665773	57.894	ug/l	92
78) n-propylbenzene	11.34	91	2639764	53.546	ug/l	98
79) 2-Chlorotoluene	11.40	91	1608162	53.221	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2019181	54.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	265009	46.993	ug/l	95
82) 4-Chlorotoluene	11.50	91	1899922	53.635	ug/l	98
83) tert-Butylbenzene	11.76	119	1839362	51.142	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	2068581	55.131	ug/l	99
85) sec-Butylbenzene	11.93	105	2342965	56.328	ug/l	99
86) p-Isopropyltoluene	12.05	119	2179676	56.446	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1145101	55.622	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1154342	55.047	ug/l	99
89) n-Butylbenzene	12.37	91	1876894	53.786	ug/l	99
90) Hexachloroethane	12.58	117	260882	34.711	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1113778	55.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	161322	38.636	ug/l	88

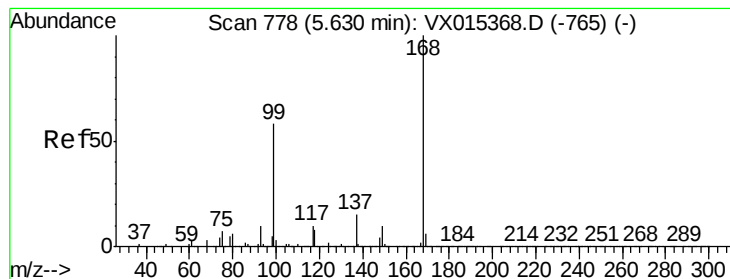
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	894742	56.144	ug/l	98
94) Hexachlorobutadiene	13.77	225	372739	49.126	ug/l	93
95) Naphthalene	13.82	128	2634743	54.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	879277	57.306	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

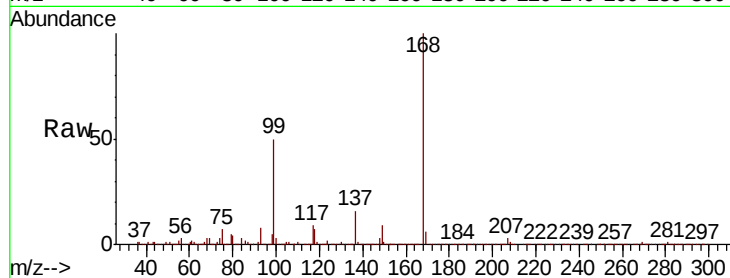
VSTDCCC050EC

Tot Ion:168 Resp: 833662

Ion Ratio Lower Upper

168 100

99 49.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

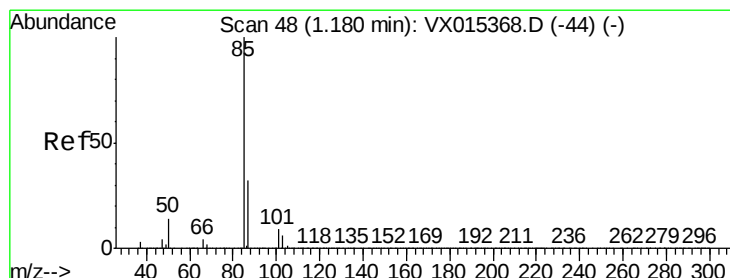
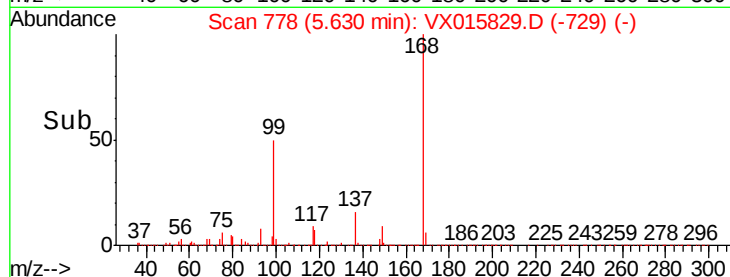
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.704 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015829.D

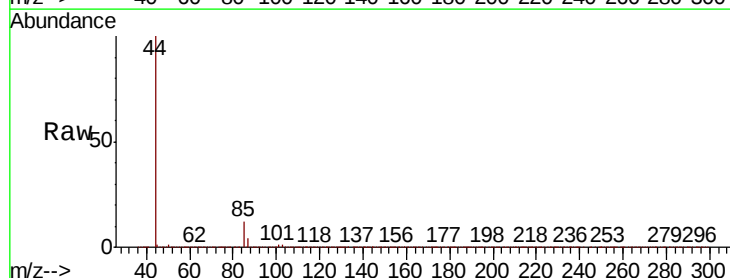
Acq: 22 Apr 2020 05:29

Tgt Ion: 85 Resp: 291612

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

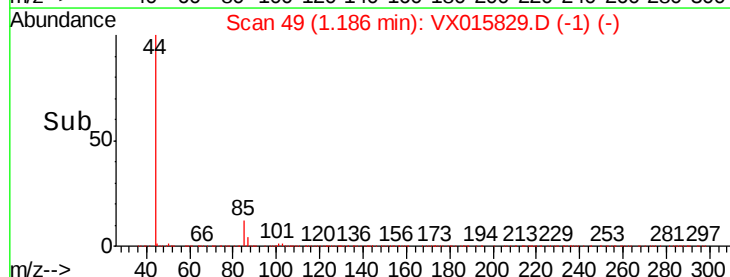
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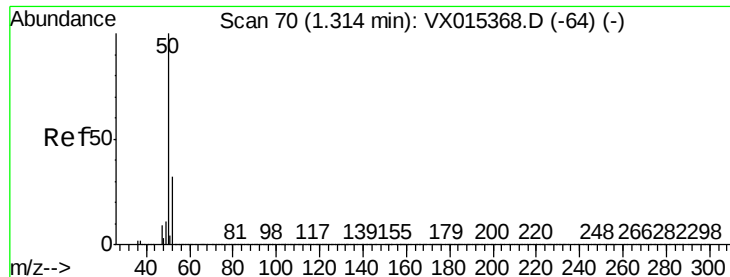
200000

100000

0

Time-->





#3

Chloromethane

Concen: 36.318 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

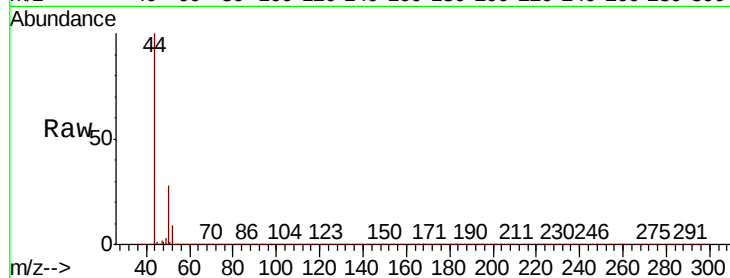
VSTDCCC050EC

Tot Ion: 50 Resp: 339695

Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

400000

300000

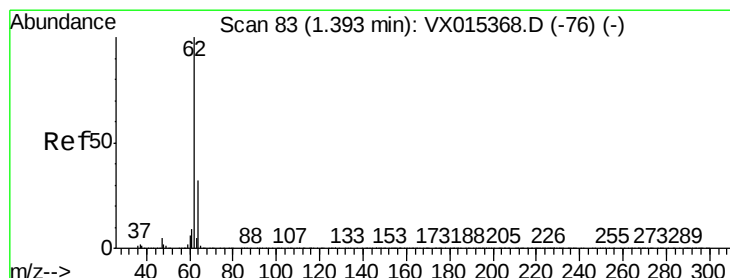
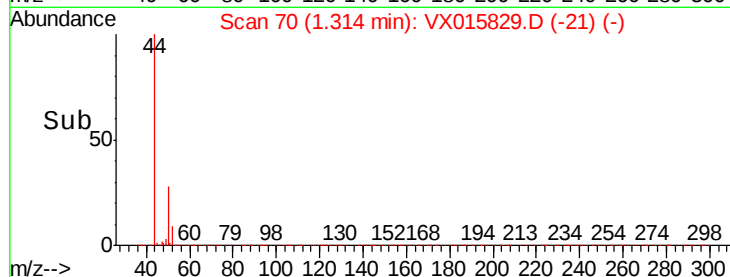
200000

100000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.741 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015829.D

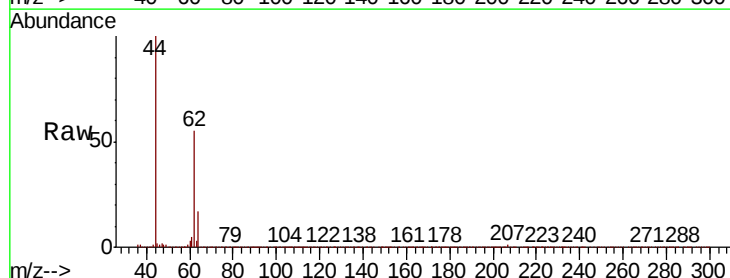
Acq: 22 Apr 2020 05:29

Tgt Ion: 62 Resp: 401439

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

500000

400000

300000

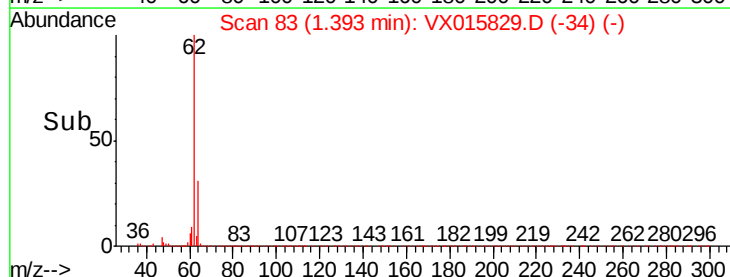
200000

100000

0

Time-->

1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 29.158 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

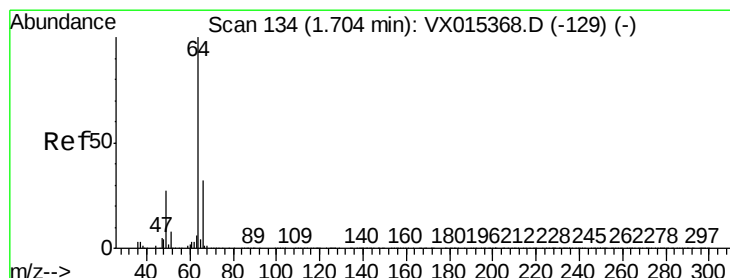
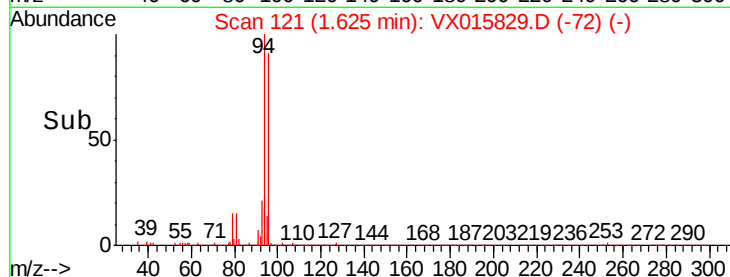
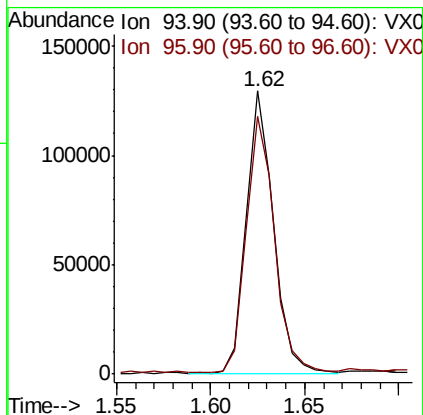
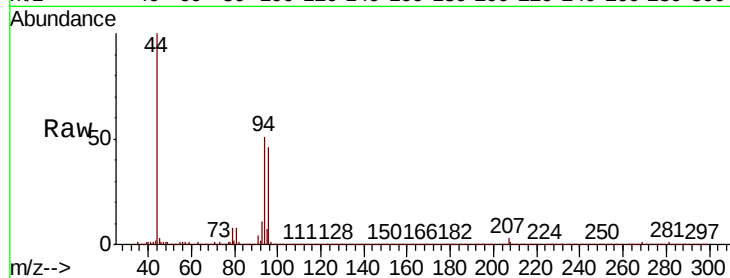
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 94 Resp: 128783

Ion Ratio Lower Upper

94 100

96 90.6 74.8 112.2



#6

Chloroethane

Concen: 48.236 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015829.D

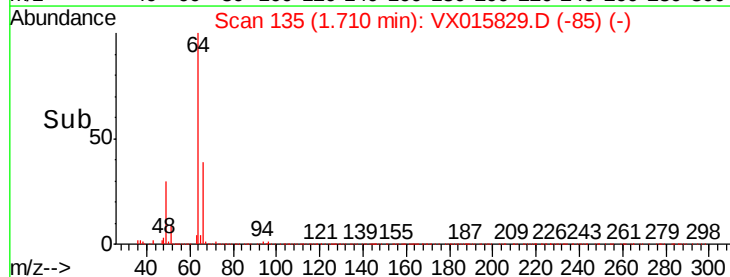
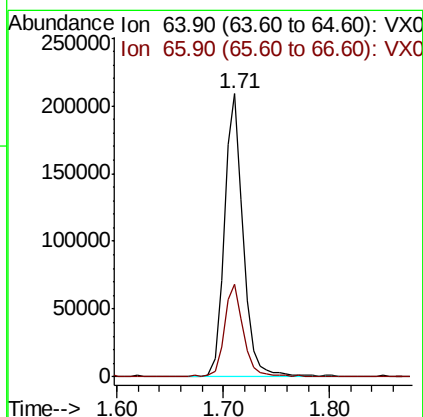
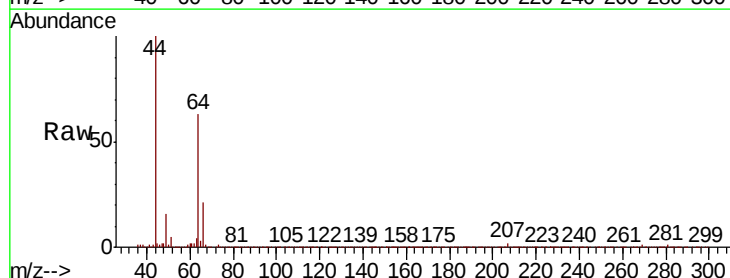
Acq: 22 Apr 2020 05:29

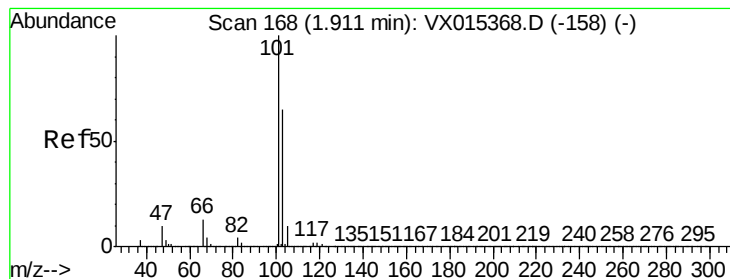
Tgt Ion: 64 Resp: 256935

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2



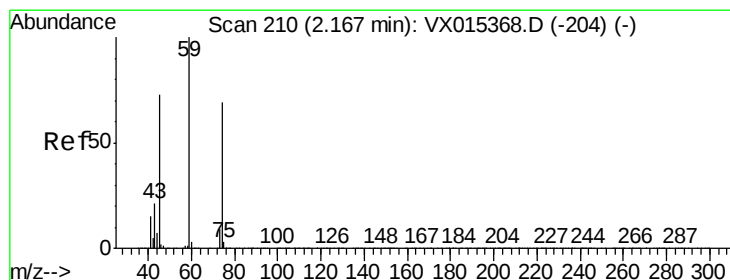
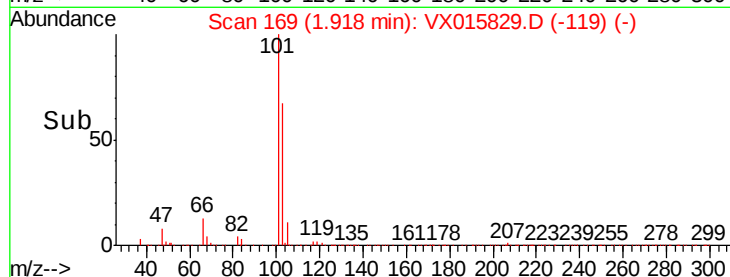
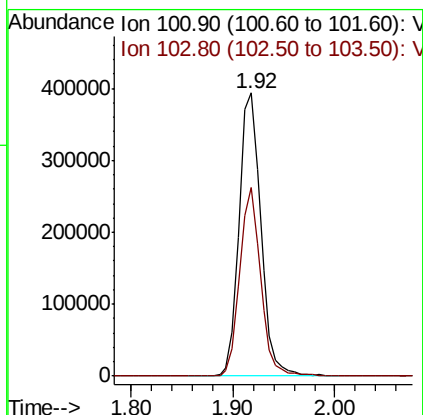
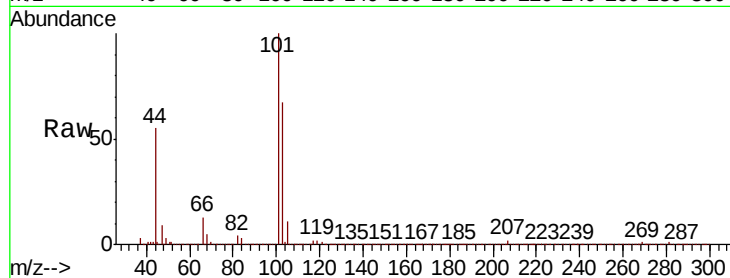


#7

Trichlorofluoromethane
 Concen: 50.209 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
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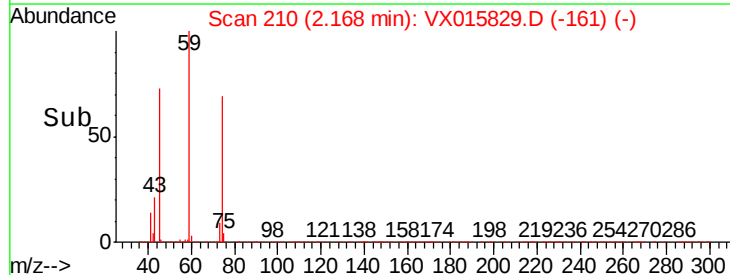
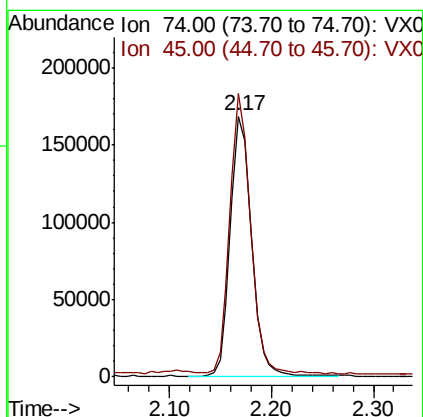
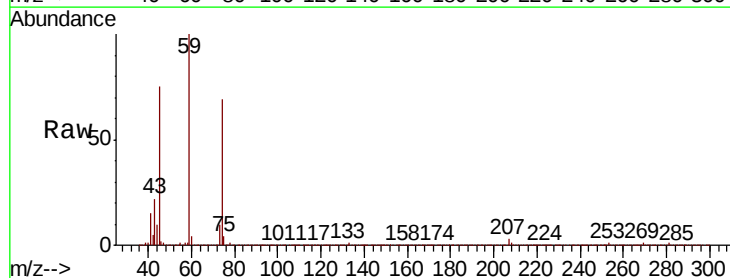
Tot Ion:101 Resp: 578306
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5

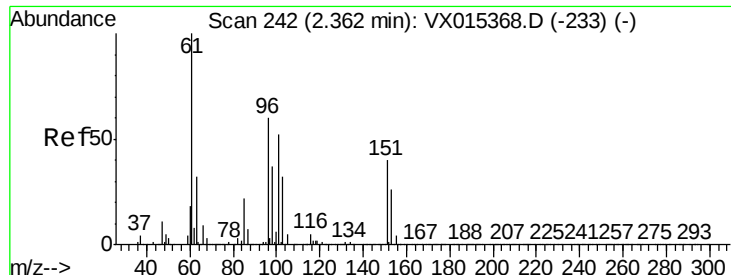


#8

Diethyl Ether
 Concen: 49.768 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 74 Resp: 241782
 Ion Ratio Lower Upper
 74 100
 45 104.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.009 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

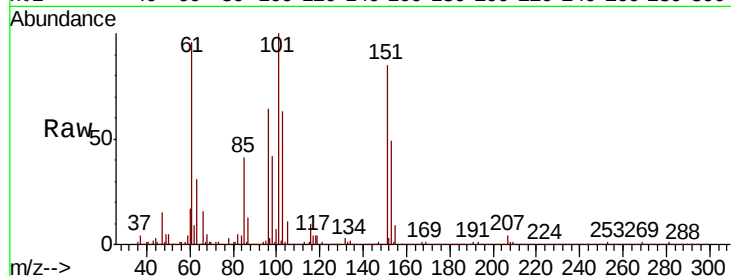
Tot Ion:101 Resp: 383008

Ion Ratio Lower Upper

101 100

85 42.3 35.0 52.4

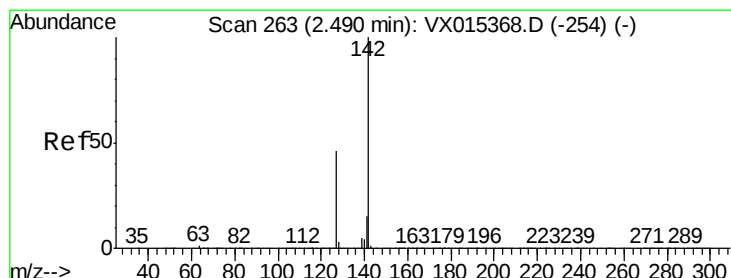
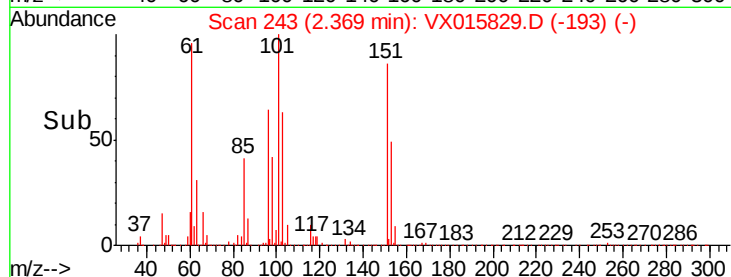
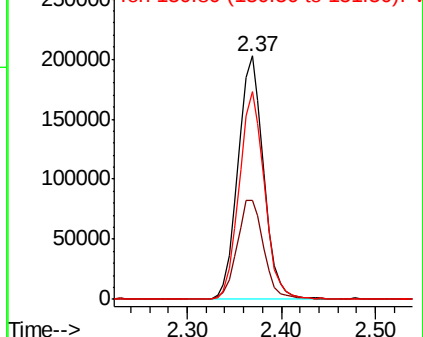
151 84.8 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.055 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

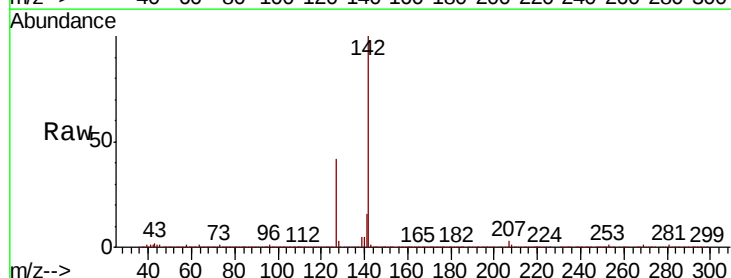
Tgt Ion:142 Resp: 425737

Ion Ratio Lower Upper

142 100

127 41.6 35.9 53.9

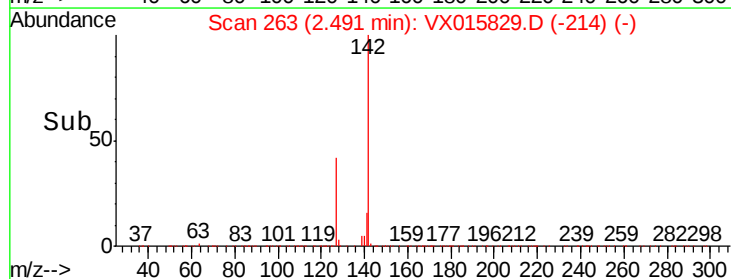
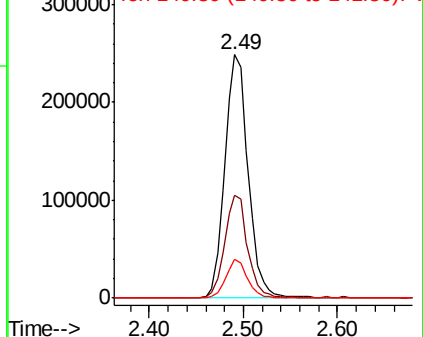
141 14.8 11.6 17.4

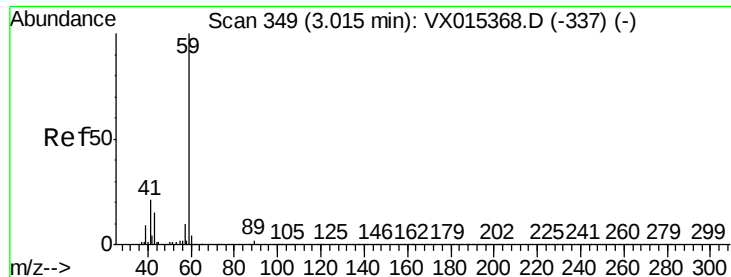


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

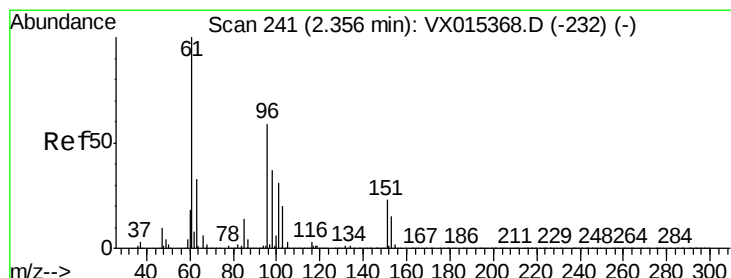
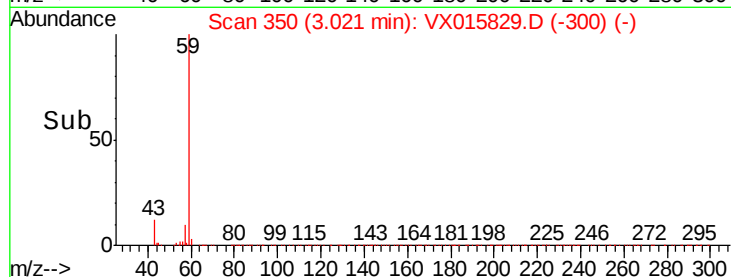
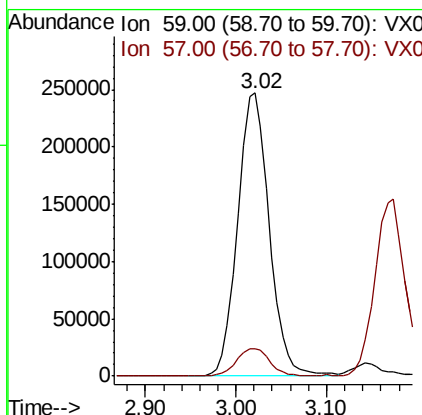
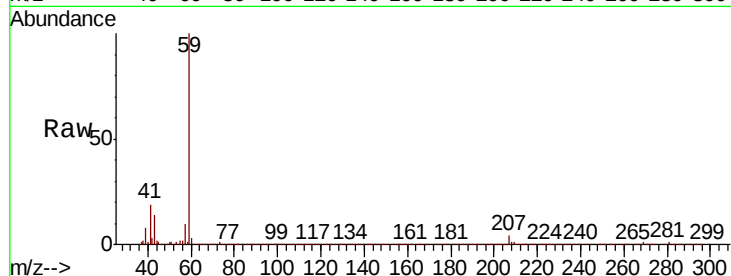




#11
Tert butyl alcohol
Concen: 210.524 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

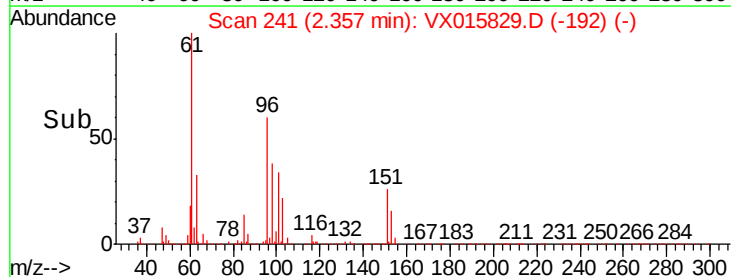
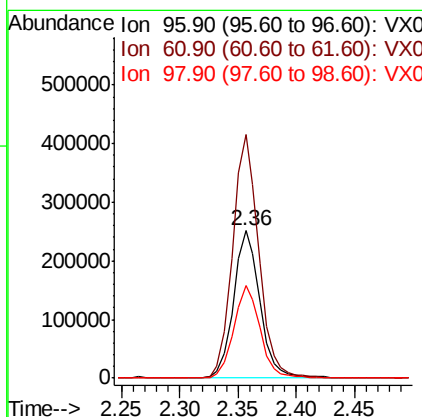
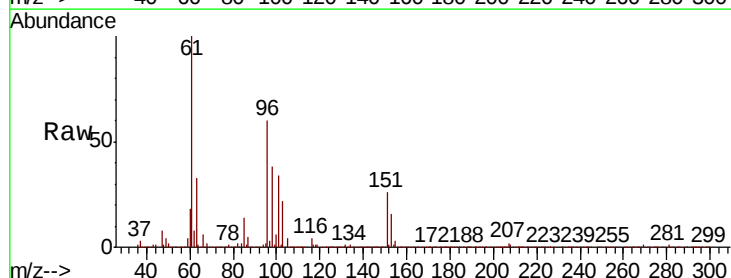
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 592482
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.400 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 96 Resp: 388813
Ion Ratio Lower Upper
96 100
61 166.1 135.7 203.5
98 63.0 50.6 75.8

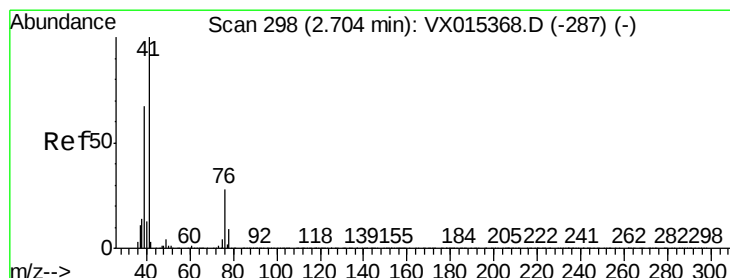
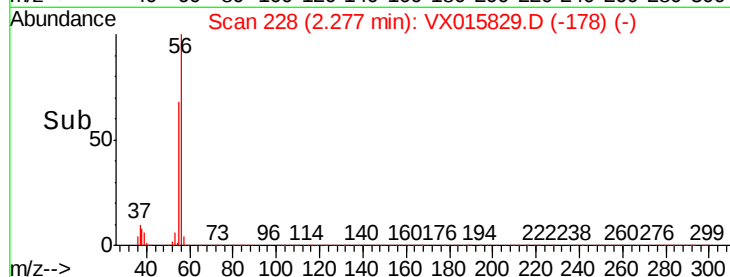
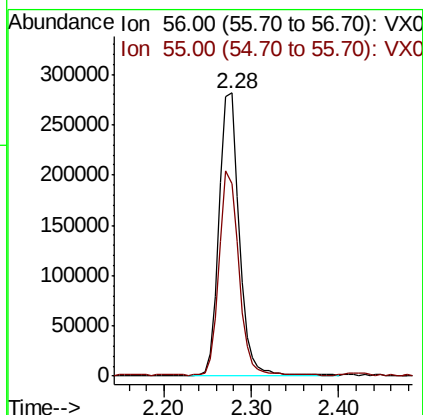
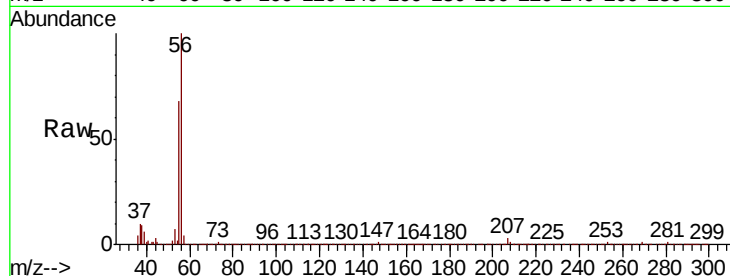




#13
Acrolein
Concen: 275.380 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

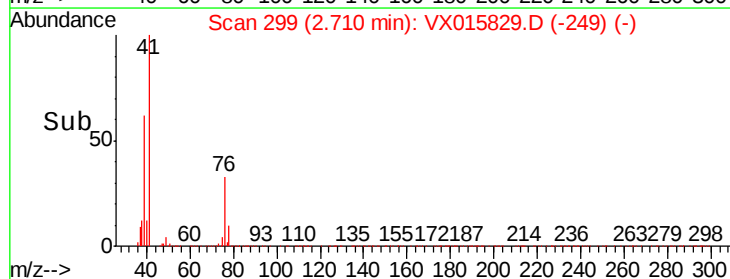
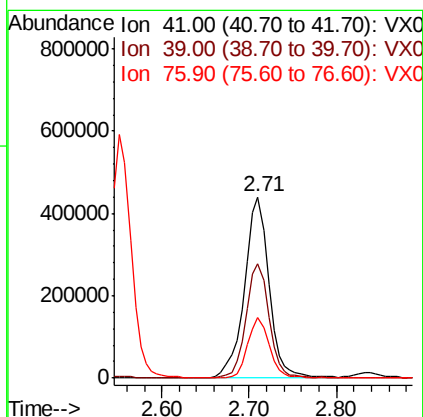
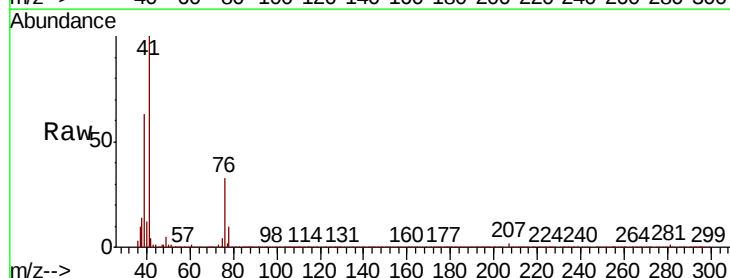
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 441478
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 46.305 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 41 Resp: 851566
Ion Ratio Lower Upper
41 100
39 59.8 51.4 77.0
76 29.5 21.8 32.8





#15

Acrylonitrile

Concen: 260.665 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

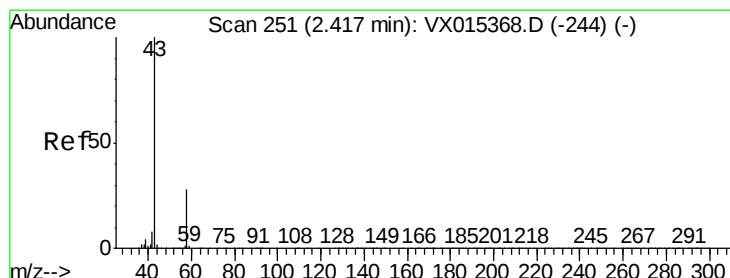
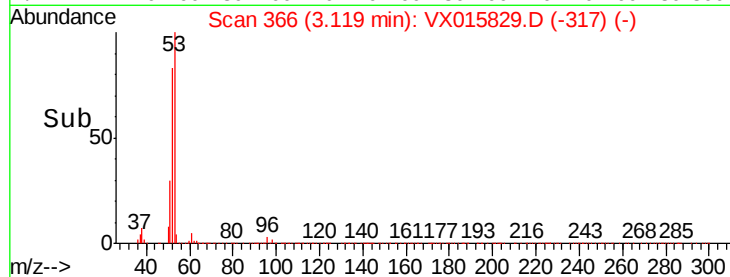
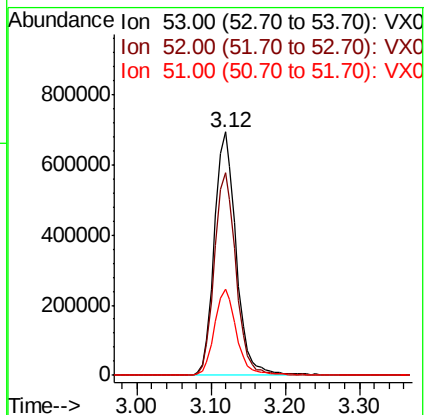
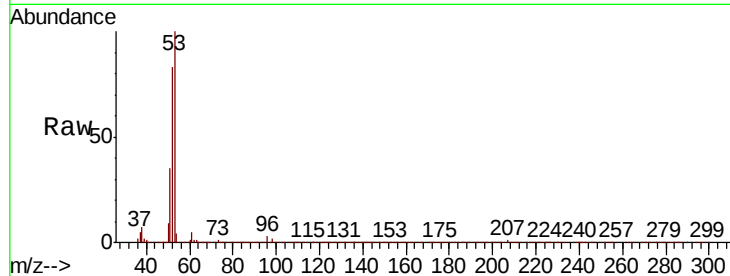
Tot Ion: 53 Resp: 1399014

Ion Ratio Lower Upper

53 100

52 82.6 66.8 100.2

51 35.5 29.5 44.3



#16

Acetone

Concen: 231.857 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015829.D

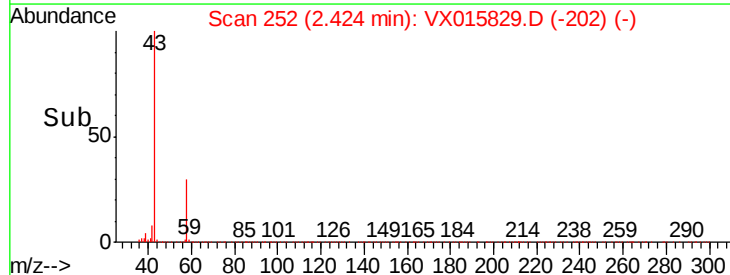
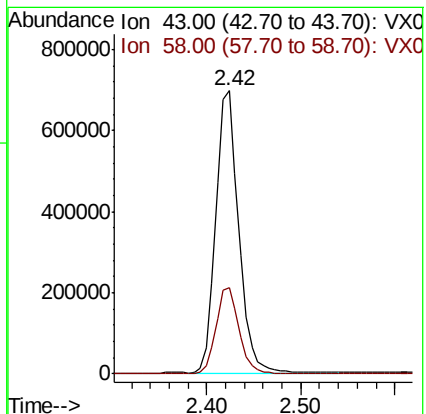
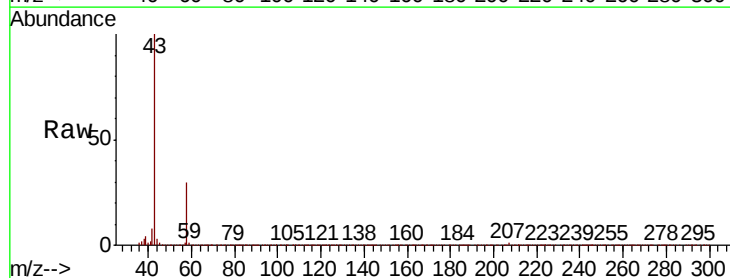
Acq: 22 Apr 2020 05:29

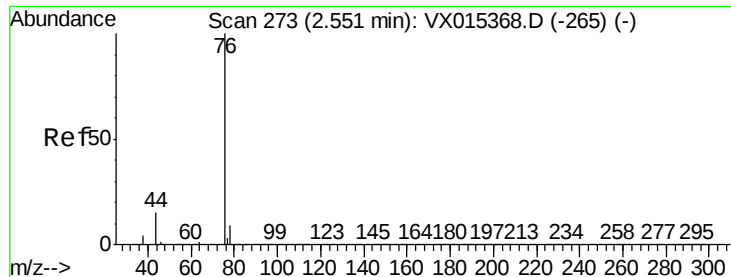
Tgt Ion: 43 Resp: 1171215

Ion Ratio Lower Upper

43 100

58 30.3 22.1 33.1





#17

Carbon Disulfide

Concen: 39.958 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

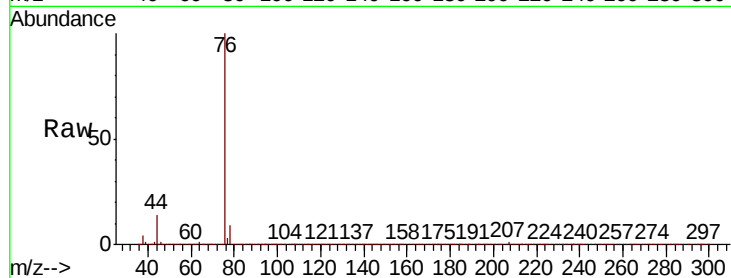
VSTDCCC050EC

Tot Ion: 76 Resp: 959391

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

600000

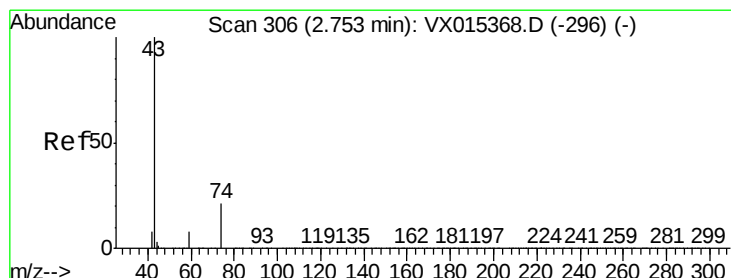
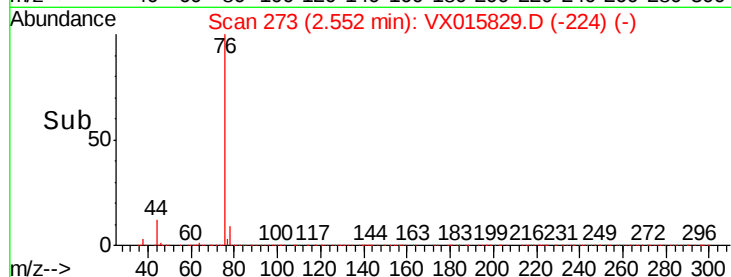
400000

200000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 55.472 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015829.D

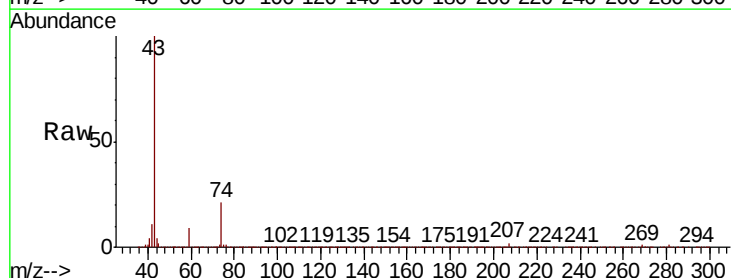
Acq: 22 Apr 2020 05:29

Tgt Ion: 43 Resp: 715185

Ion Ratio Lower Upper

43 100

74 22.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

400000

300000

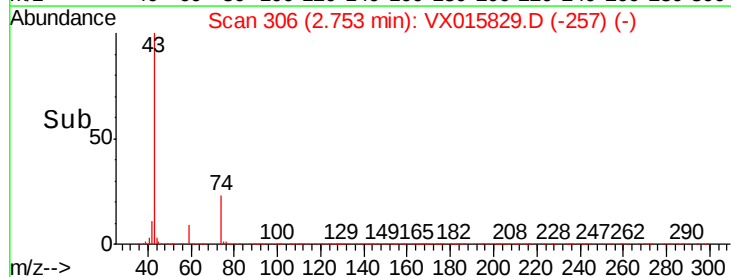
200000

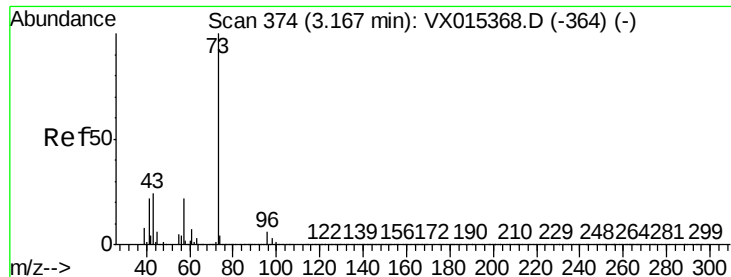
100000

0

2.65 2.70 2.75 2.80 2.85

Time-->



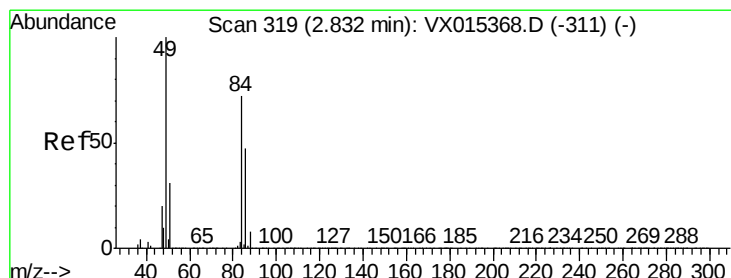
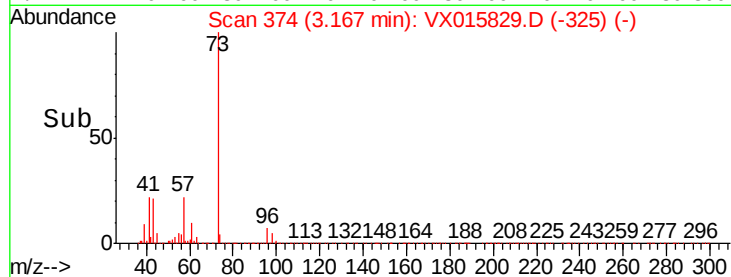
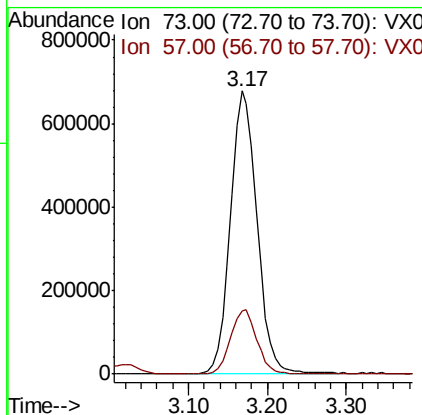
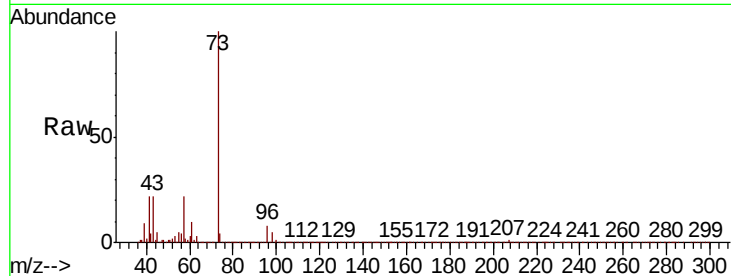


#19

Methyl tert-butyl Ether
 Concen: 51.633 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

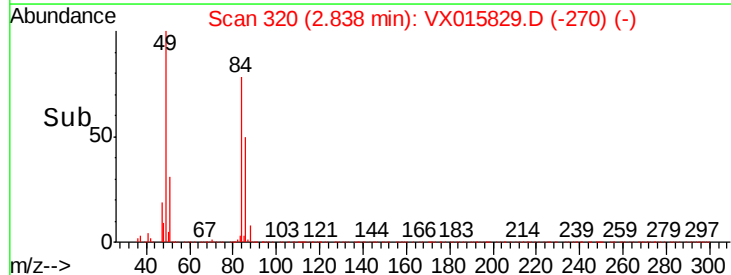
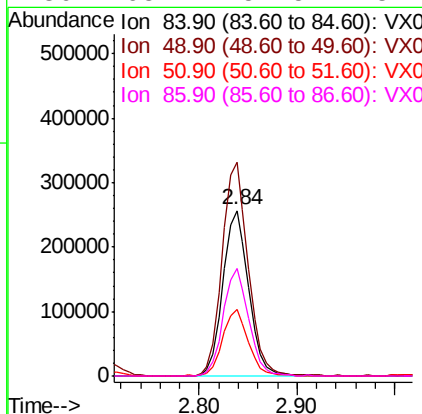
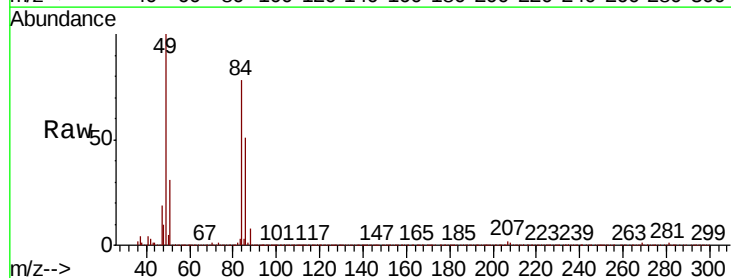
Tot Ion: 73 Resp: 1576114
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.9 26.9



#20

Methylene Chloride
 Concen: 49.975 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 84 Resp: 471534
 Ion Ratio Lower Upper
 84 100
 49 128.9 111.3 166.9
 51 40.0 34.0 51.0
 86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.471 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

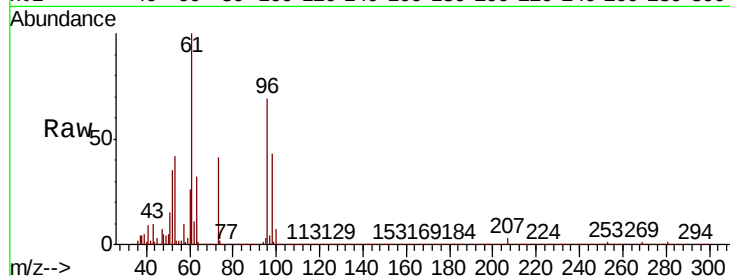
Tot Ion: 96 Resp: 432122

Ion Ratio Lower Upper

96 100

61 146.1 116.9 175.3

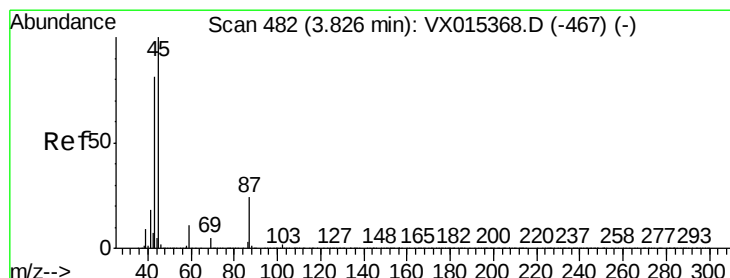
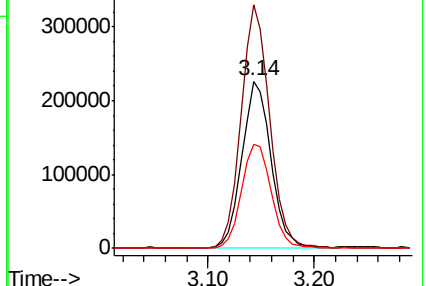
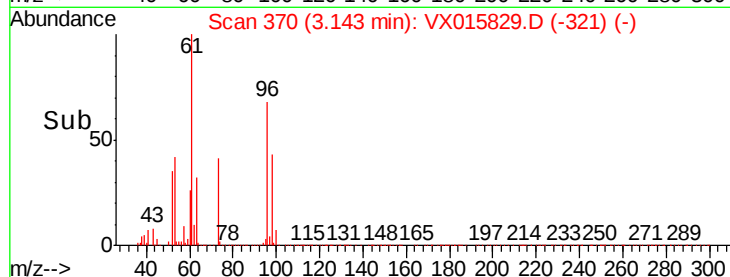
98 62.5 48.6 73.0



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



#22

Diisopropyl ether

Concen: 51.739 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion: 45 Resp: 1686036

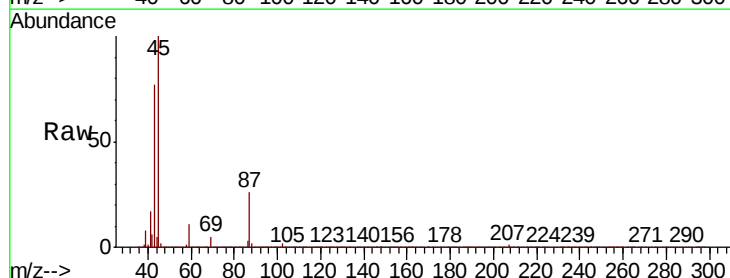
Ion Ratio Lower Upper

45 100

43 76.6 64.7 97.1

87 25.5 19.4 29.0

59 10.8 8.7 13.1

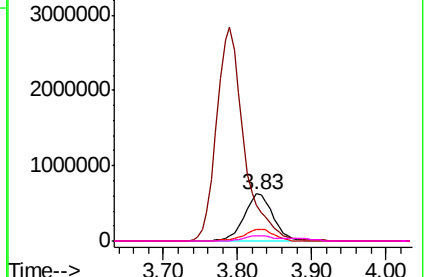
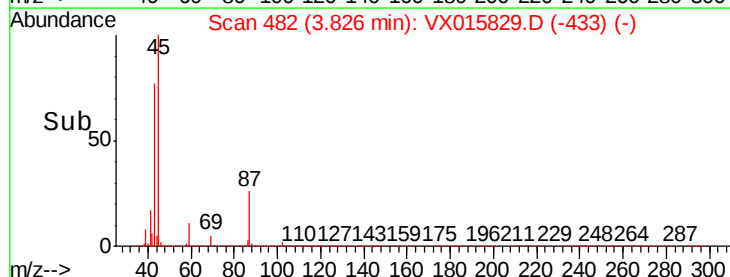


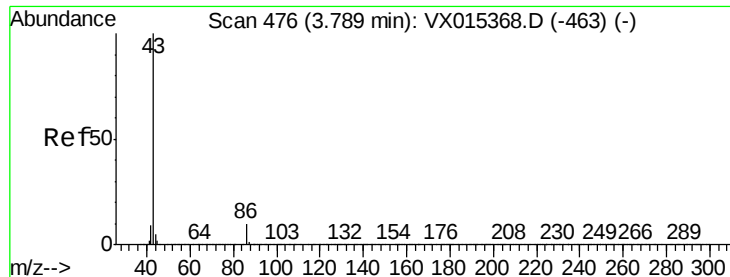
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.199 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

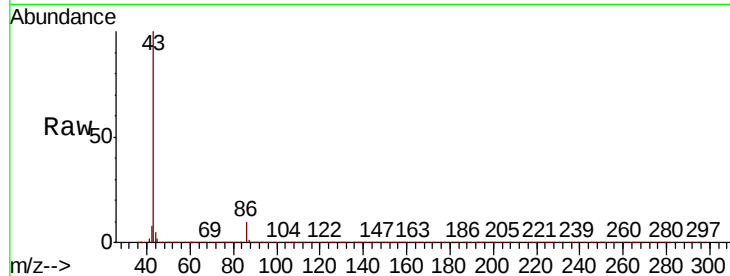
VSTDCCC050EC

Tot Ion: 43 Resp: 7264119

Ion Ratio Lower Upper

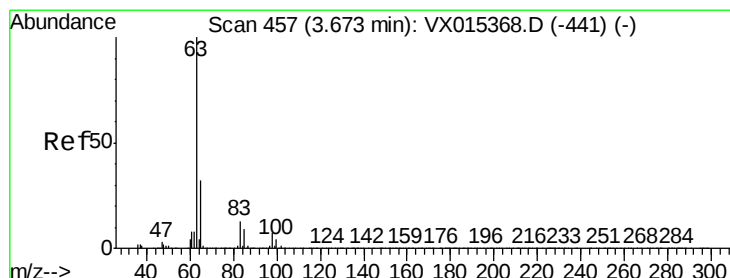
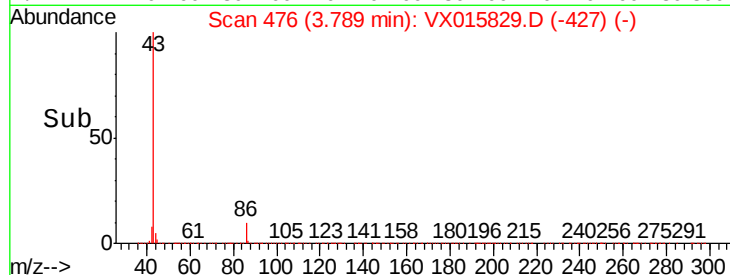
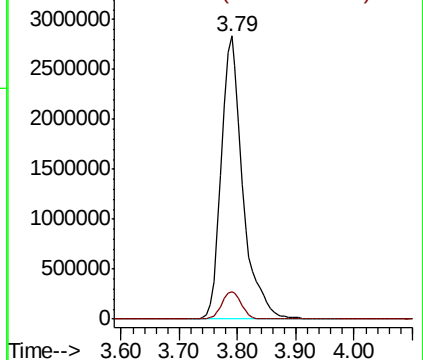
43 100

86 9.8 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.328 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

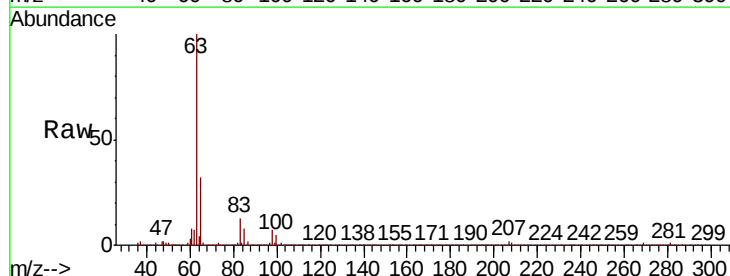
Tgt Ion: 63 Resp: 863515

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

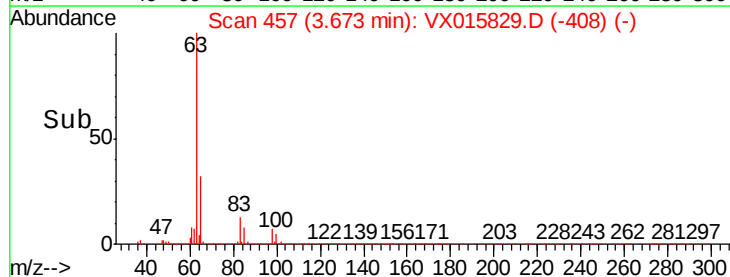
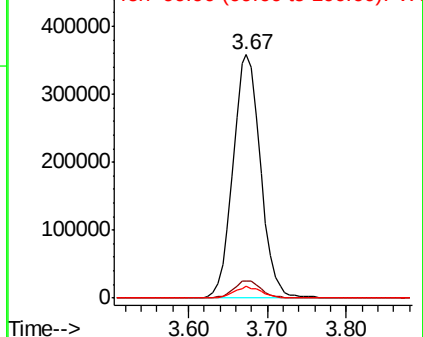
100 4.9 2.1 6.5

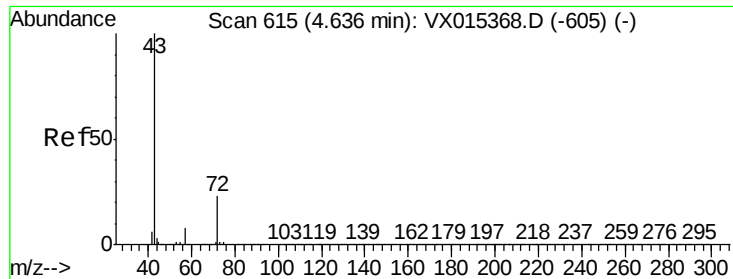


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

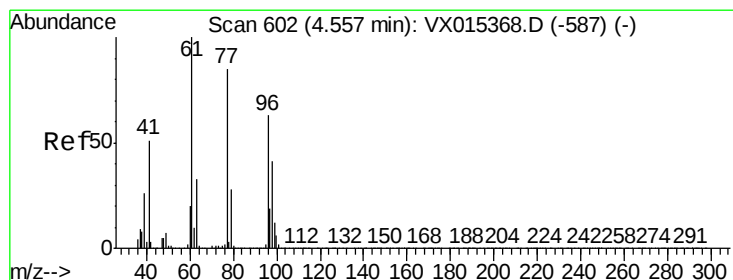
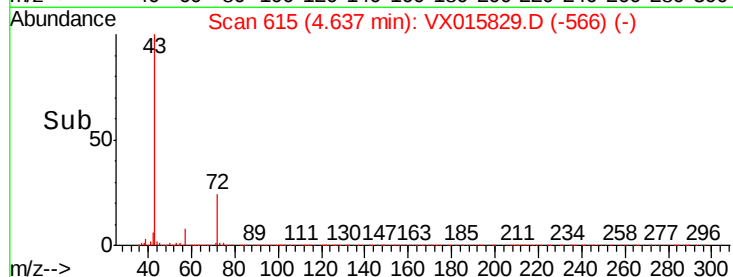
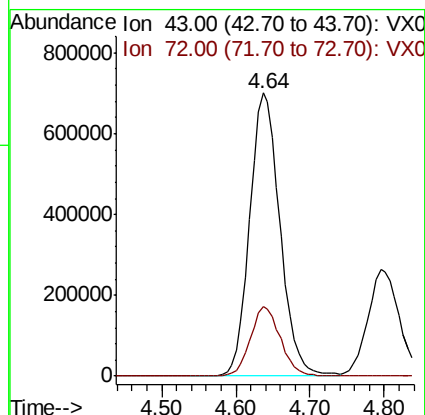
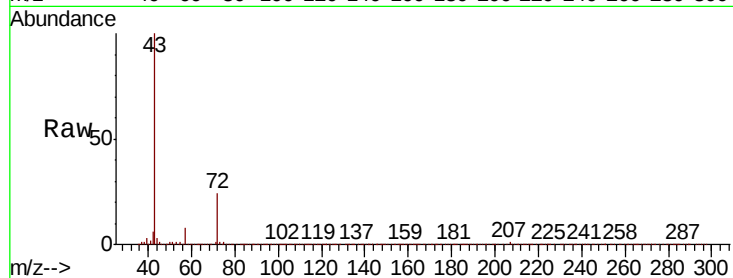




#25
2-Butanone
Concen: 244.969 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

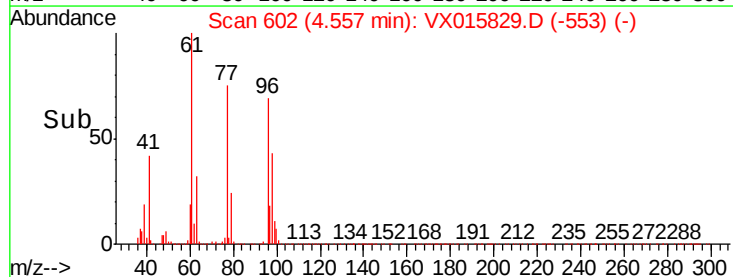
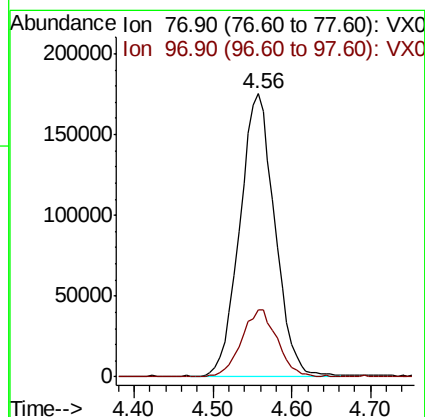
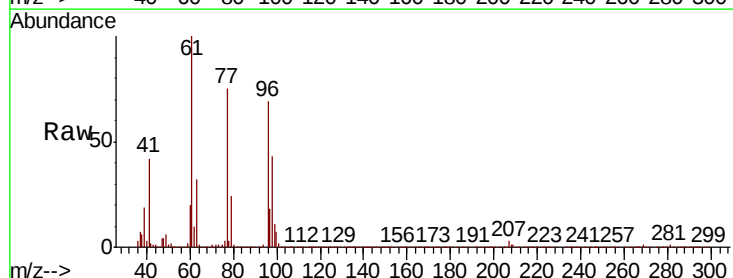
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

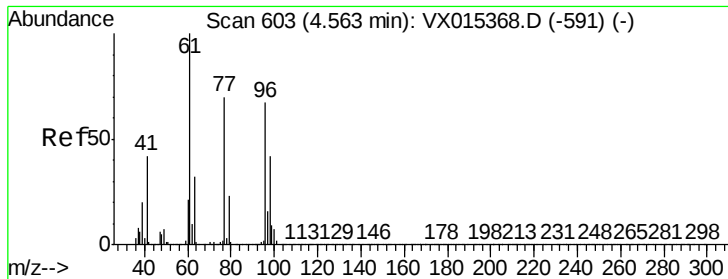
Tot Ion: 43 Resp: 1990080
Ion Ratio Lower Upper
43 100
72 24.3 19.0 28.4



#26
2,2-Dichloropropane
Concen: 38.546 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 77 Resp: 542857
Ion Ratio Lower Upper
77 100
97 24.4 11.3 33.8



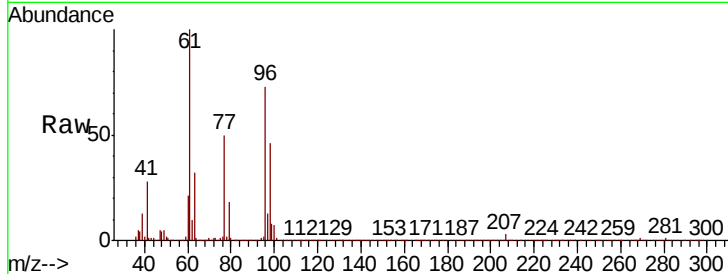


#27

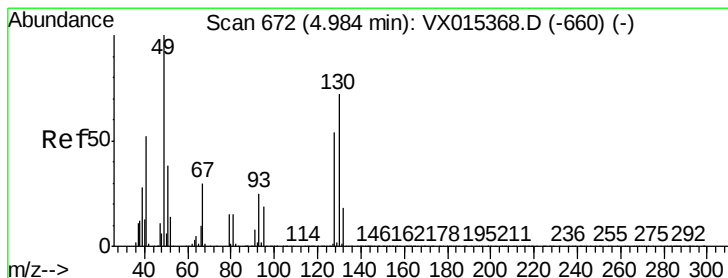
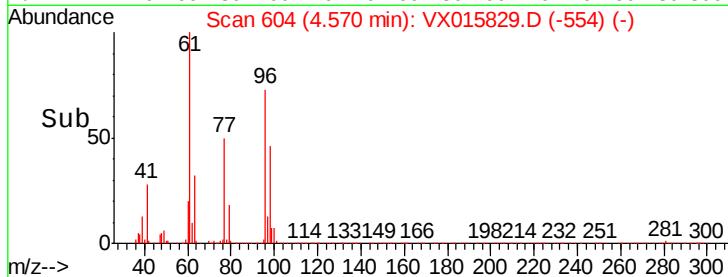
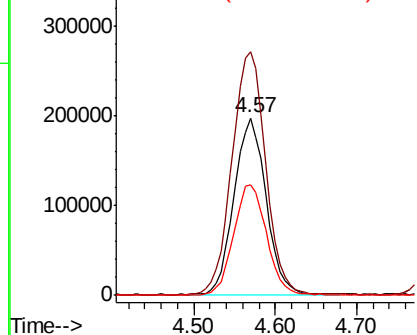
cis-1,2-Dichloroethene
Concen: 52.555 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	308.4
98	64.6	0.0	129.2



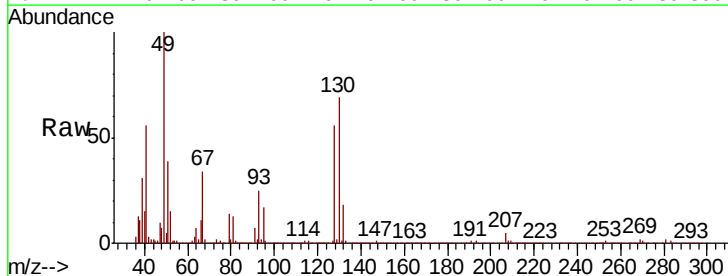
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



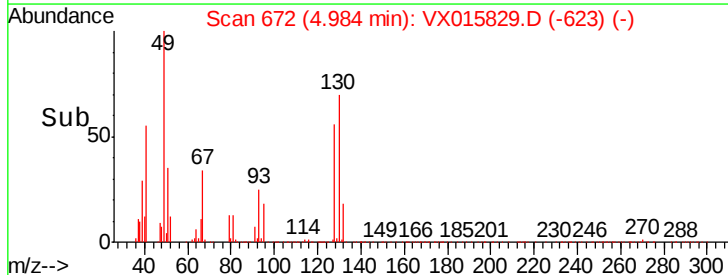
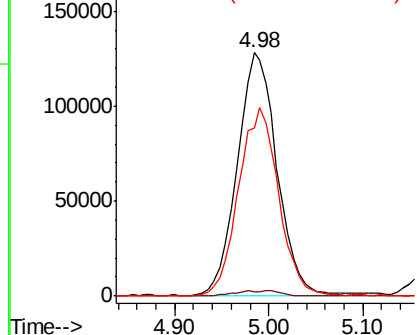
#28

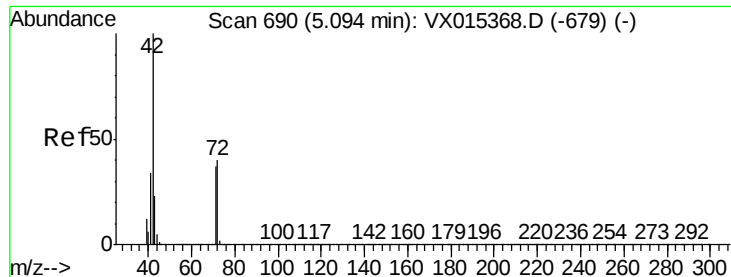
Bromochloromethane
Concen: 45.773 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	78.4	57.7	86.5



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: 247.833 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

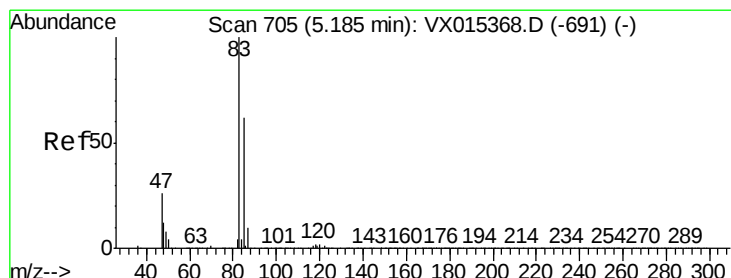
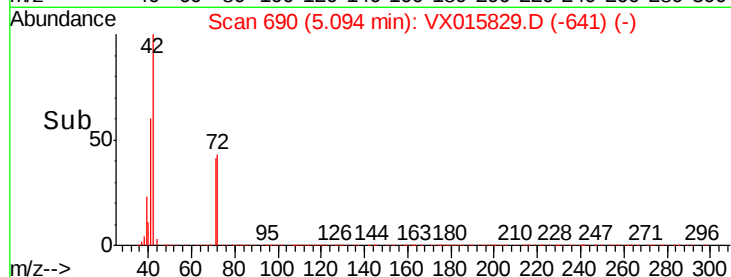
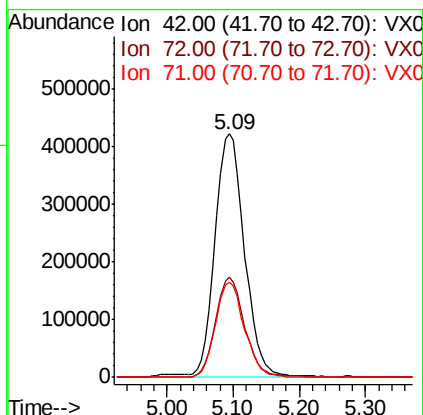
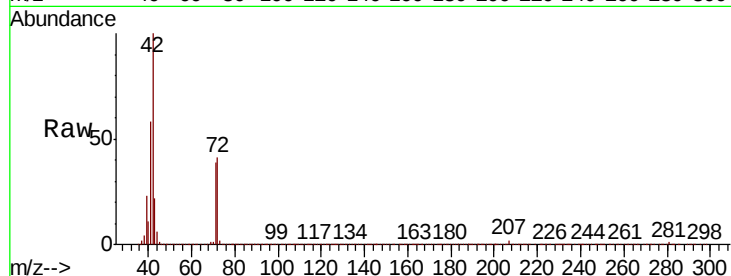
Tot Ion: 42 Resp: 1294331

Ion Ratio Lower Upper

42 100

72 41.0 31.7 47.5

71 38.6 29.6 44.4



#30

Chloroform

Concen: 52.177 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015829.D

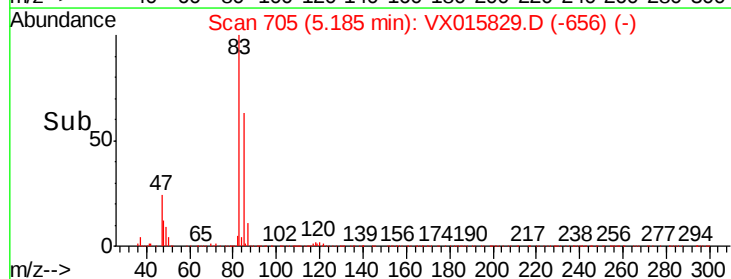
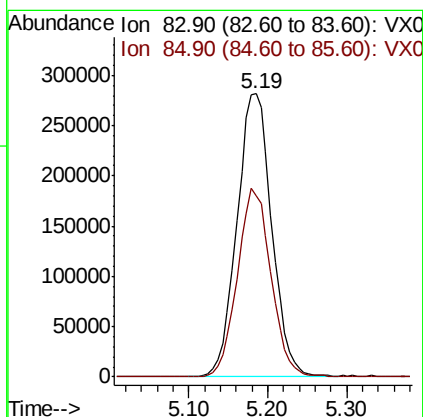
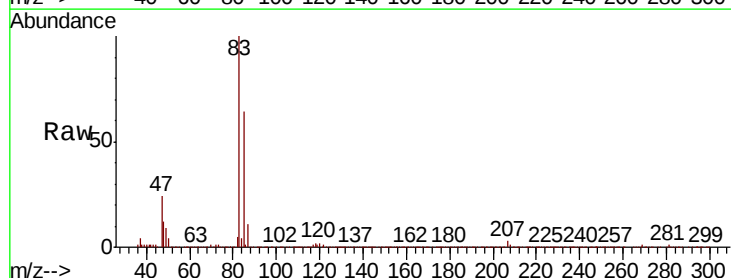
Acq: 22 Apr 2020 05:29

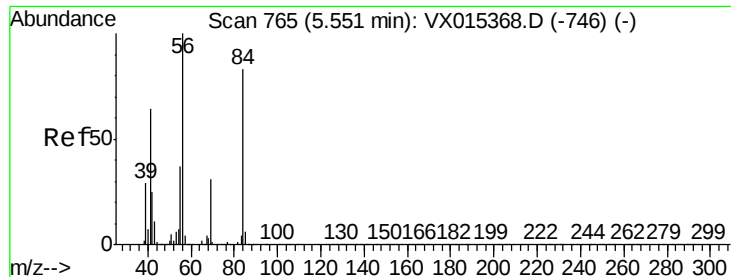
Tgt Ion: 83 Resp: 861307

Ion Ratio Lower Upper

83 100

85 63.9 49.5 74.3





#31

Cyclohexane

Concen: 49.386 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

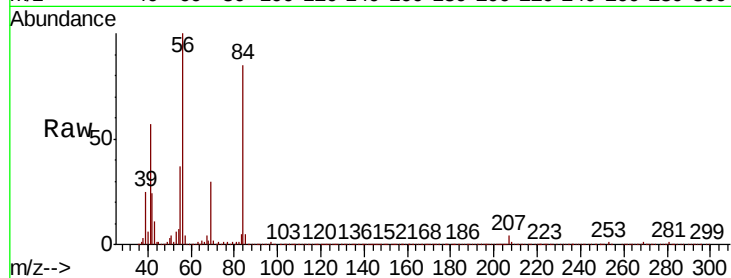
Tot Ion: 56 Resp: 735077

Ion Ratio Lower Upper

56 100

69 30.1 24.6 36.8

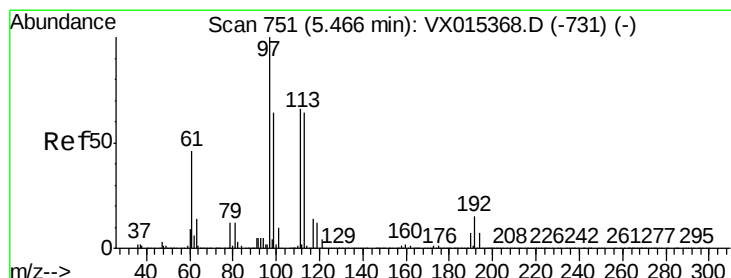
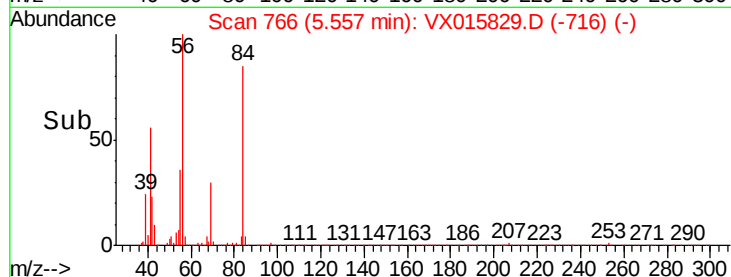
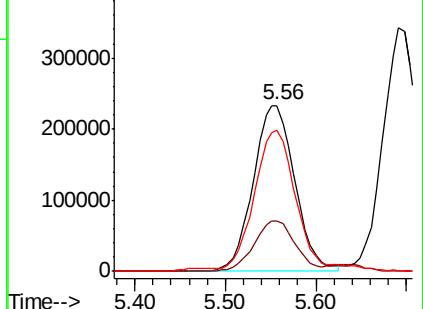
84 83.3 66.1 99.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.174 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

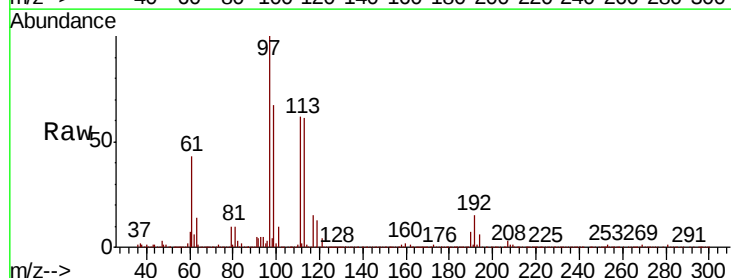
Tgt Ion: 97 Resp: 764504

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

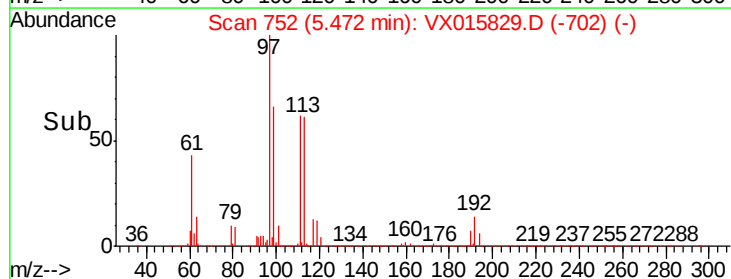
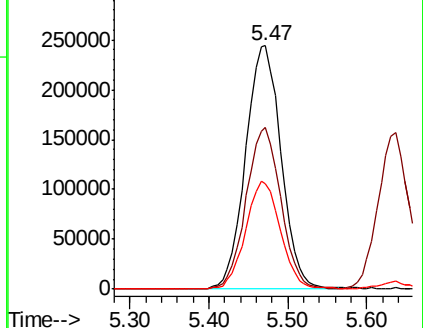
61 43.3 36.1 54.1

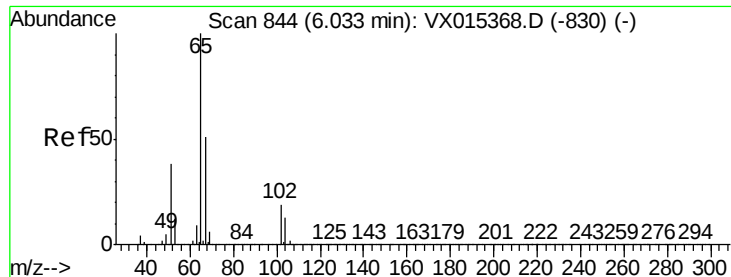


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

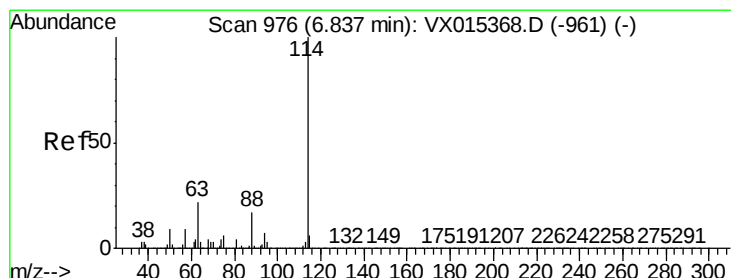
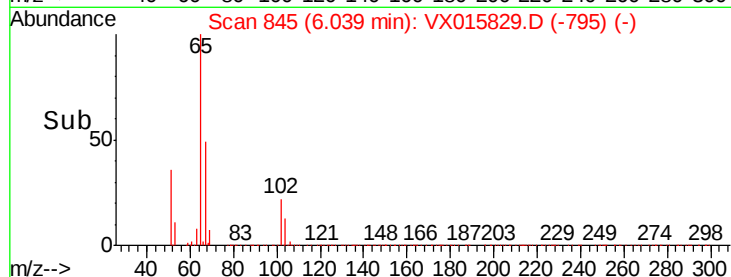
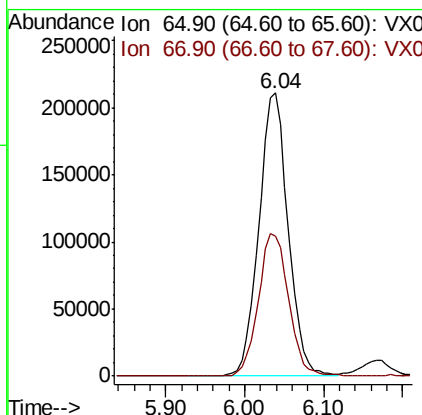
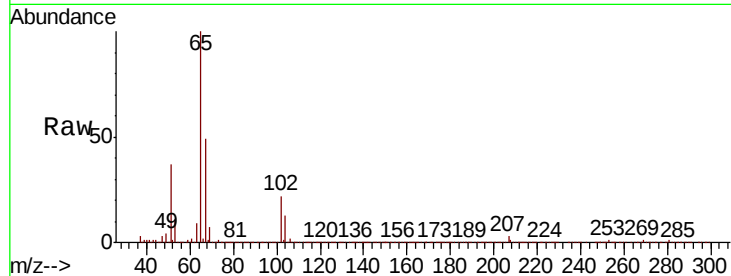




#33
 1,2-Dichloroethane-d4
 Concen: 45.934 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

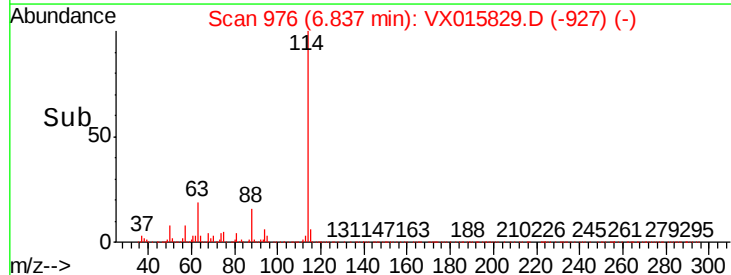
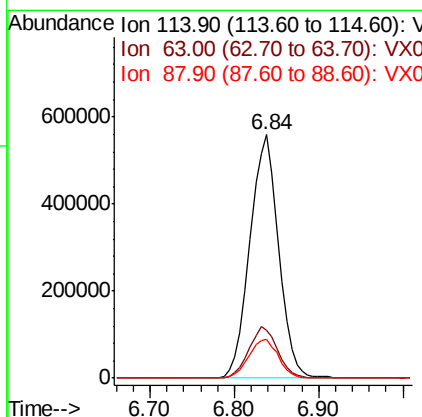
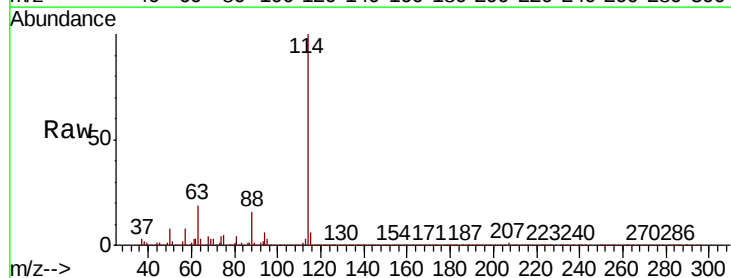
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

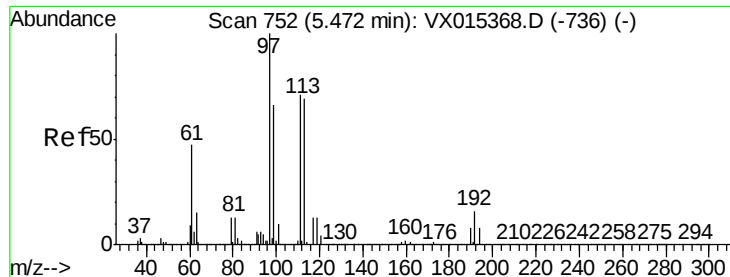
Tot Ion: 65 Resp: 540089
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 114 Resp: 1289478
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 44.2
 88 15.9 0.0 33.8

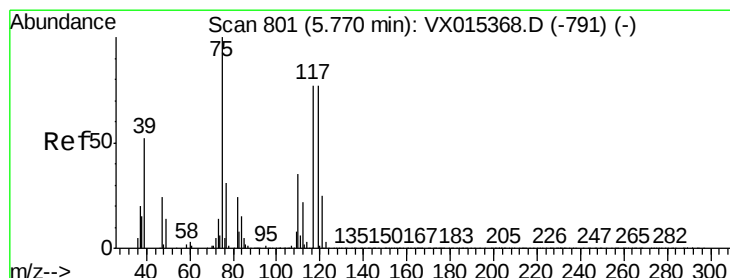
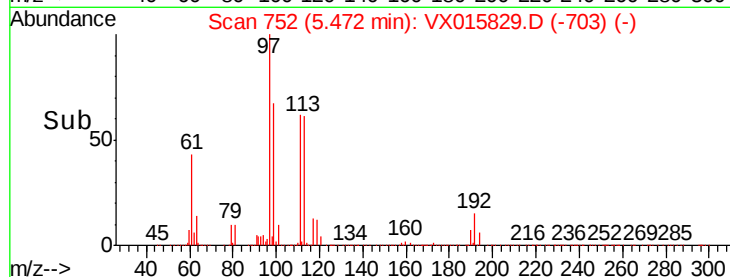
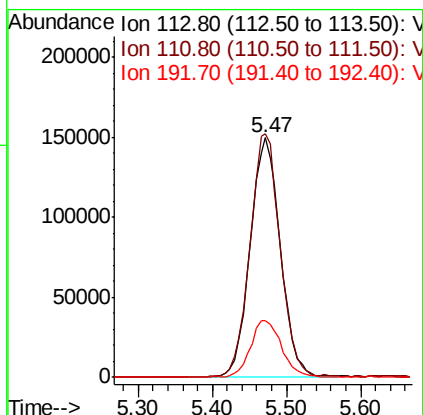
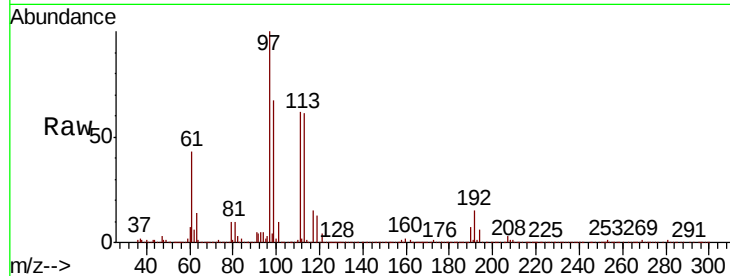




#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

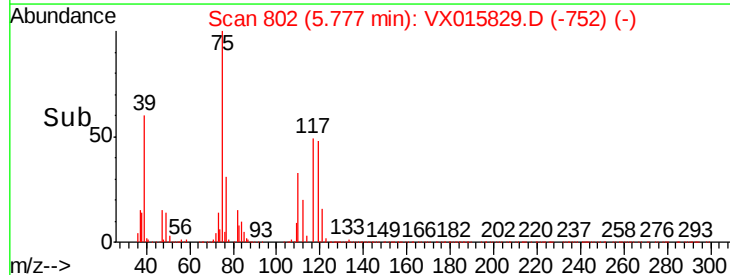
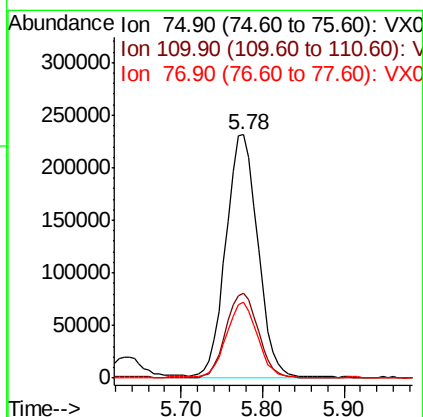
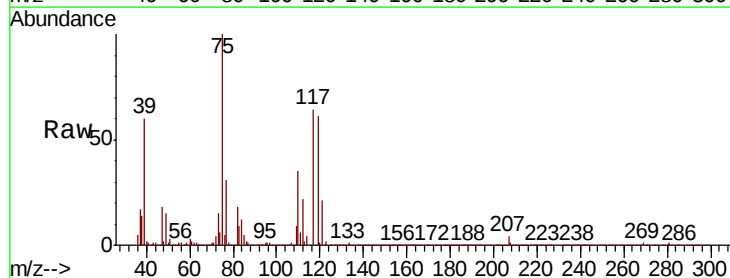
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	24.6	17.8	26.6



#36
1,1-Dichloropropene
Concen: 52.348 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	30.3	24.6	36.8

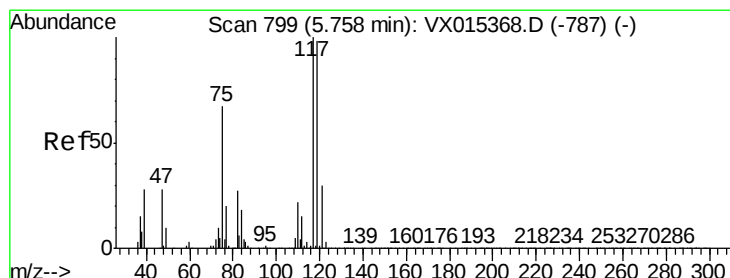
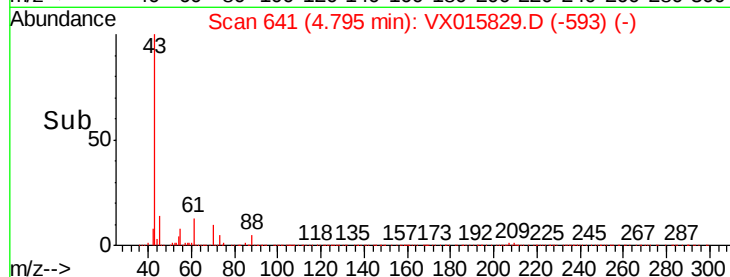
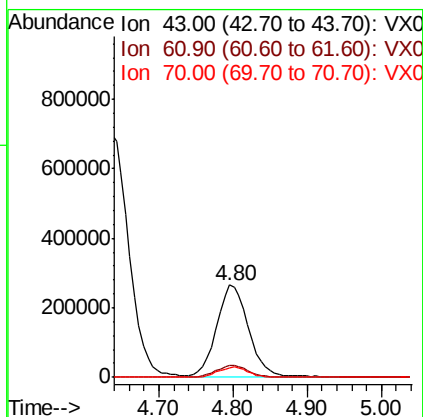
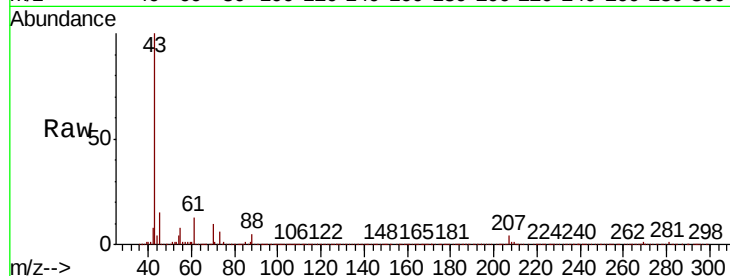




#37
Ethyl Acetate
Concen: 50.481 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

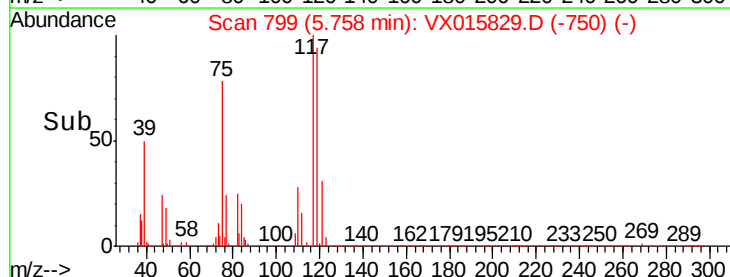
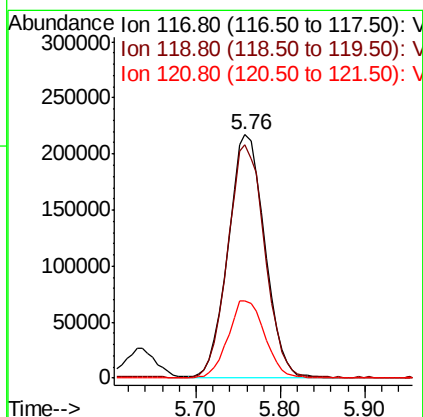
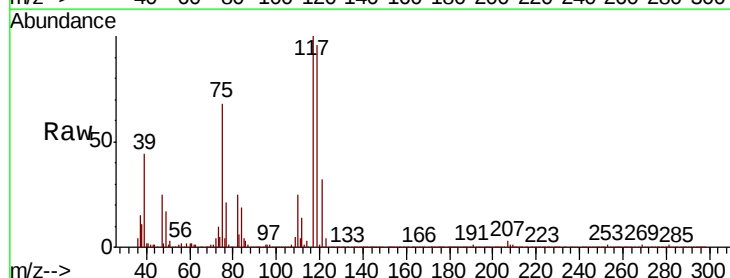
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

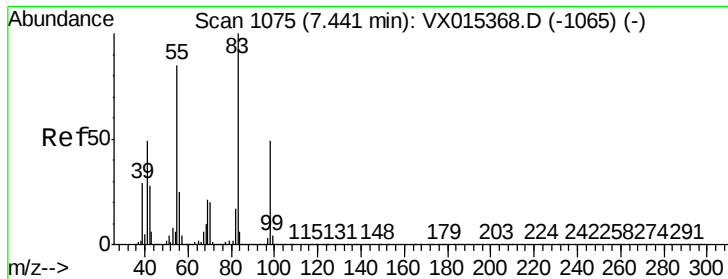
Tot Ion:	43	Resp:	780947
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	10.4	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.303 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:	117	Resp:	634451
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.0	117.0
121	31.8	23.8	35.8

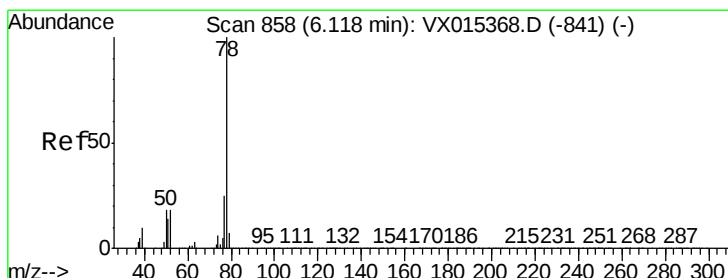
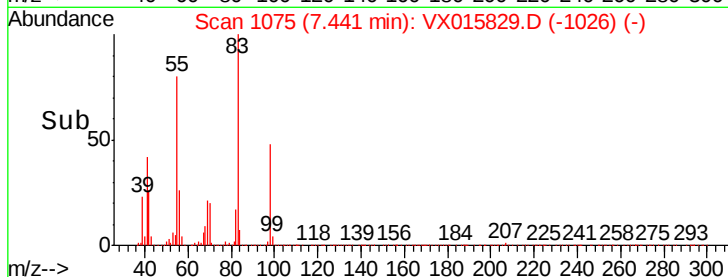
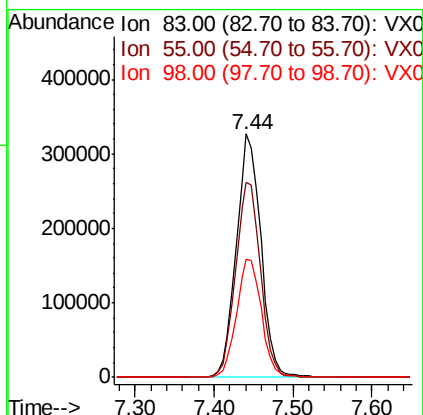
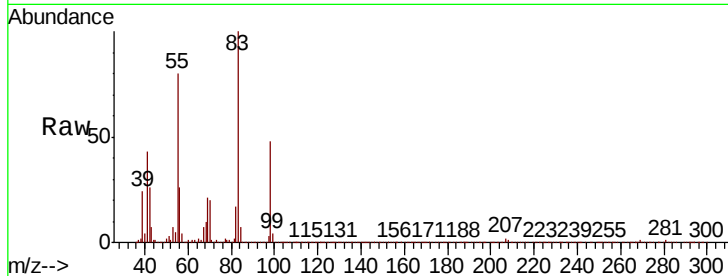




#39
Methvlcvclohexane
Concen: 51.584 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

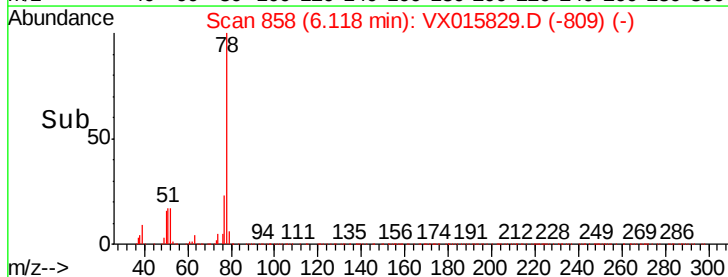
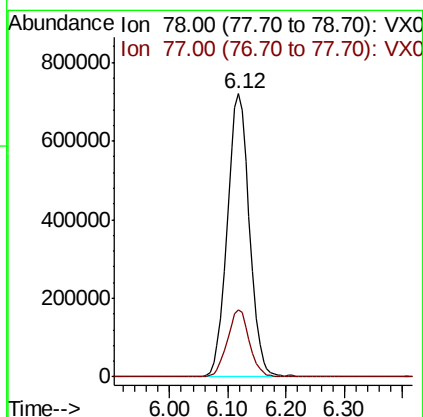
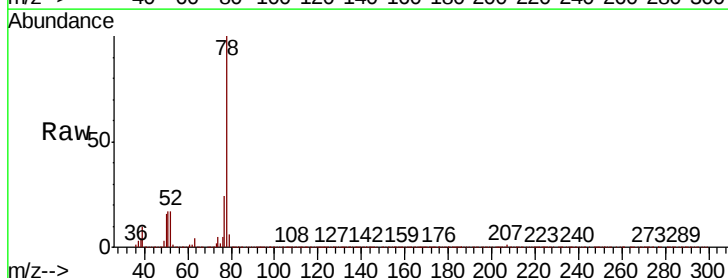
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

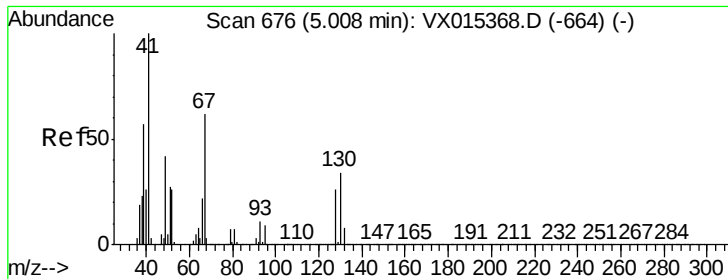
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	67.8	101.6
98	48.3	39.3	58.9



#40
Benzene
Concen: 54.716 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.8	29.8

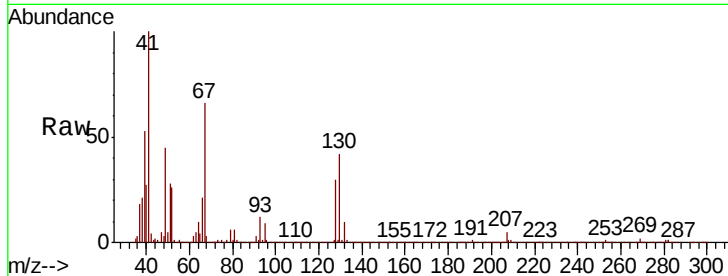




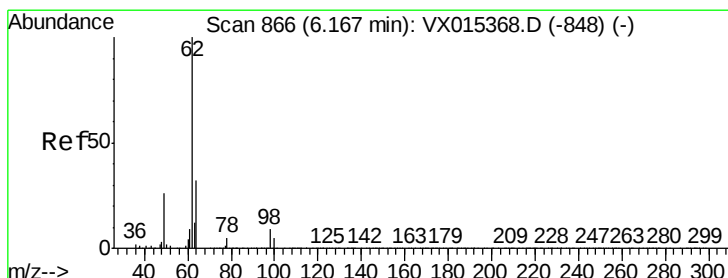
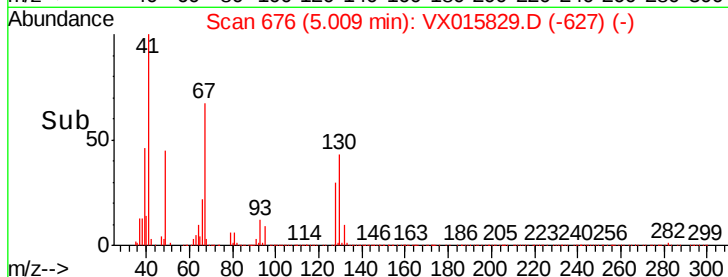
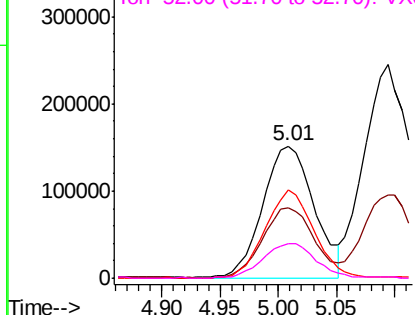
#41
Methacrylonitrile
Concen: 53.692 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	461091
Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	63.5	48.9	73.3
52	26.5	21.8	32.6

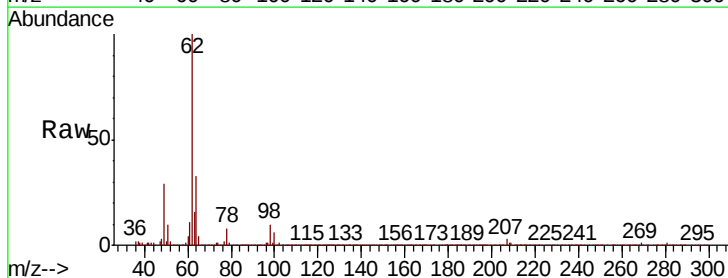


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

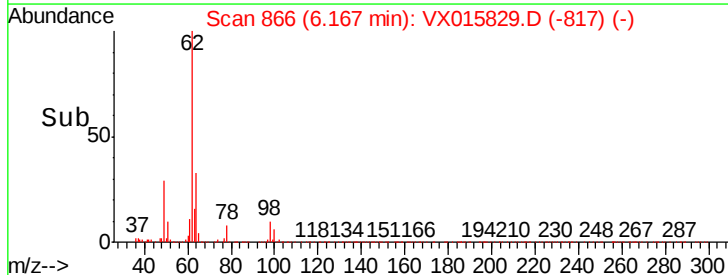
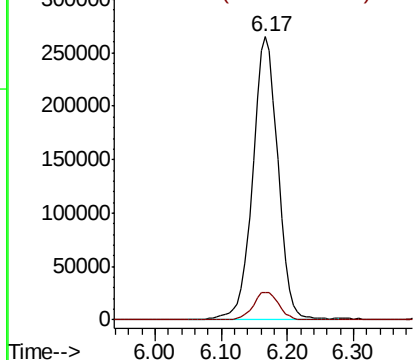


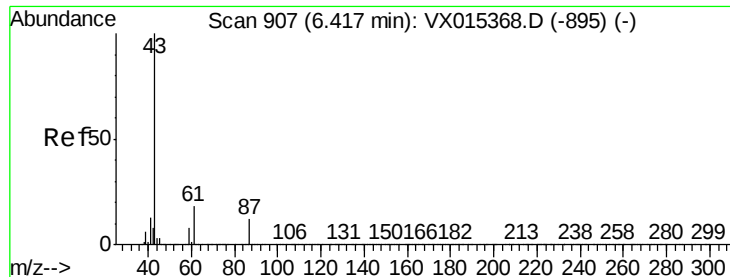
#42
1,2-Dichloroethane
Concen: 50.365 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:	62	Resp:	704080
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6



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



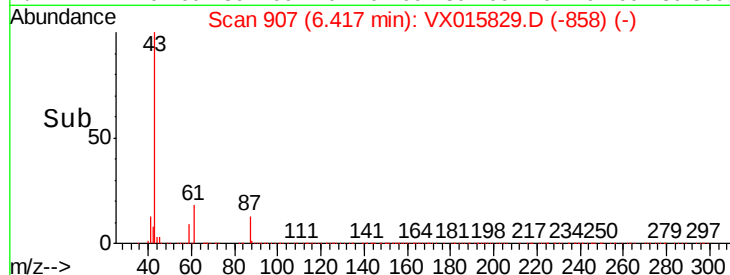
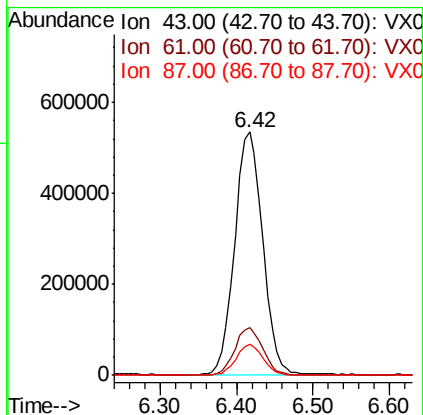
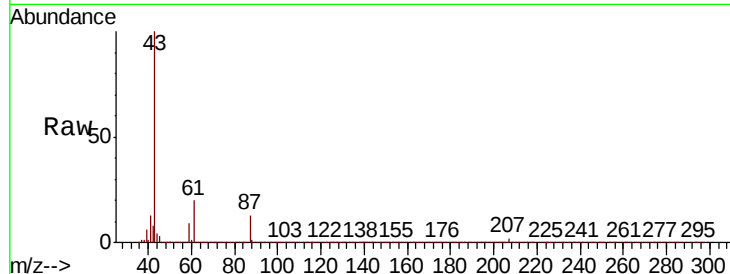


#43

Isopropyl Acetate
 Concen: 51.906 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

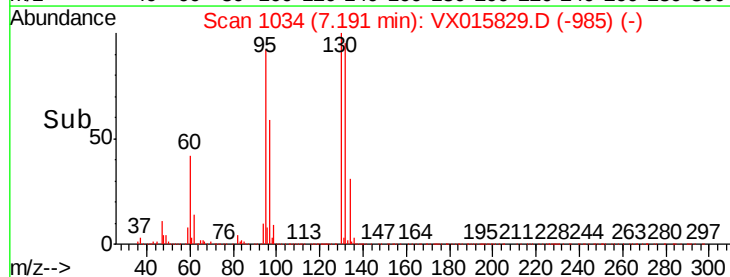
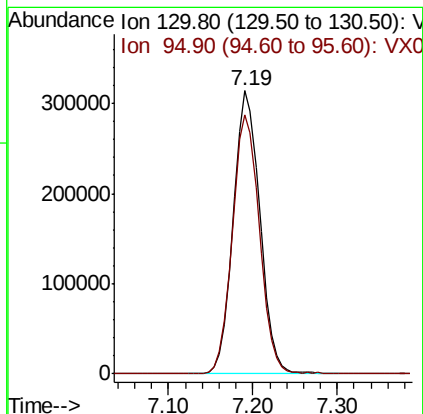
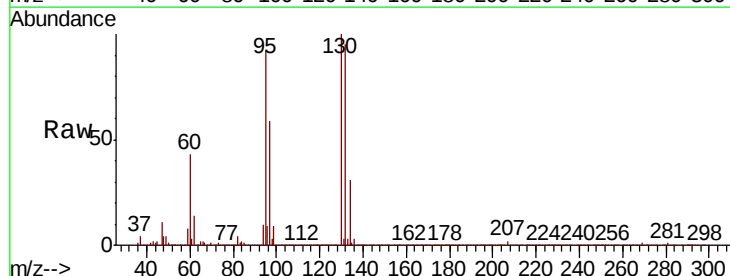
Tot Ion: 43 Resp: 1355535
 Ion Ratio Lower Upper
 43 100
 61 19.5 14.8 22.2
 87 12.7 9.4 14.0

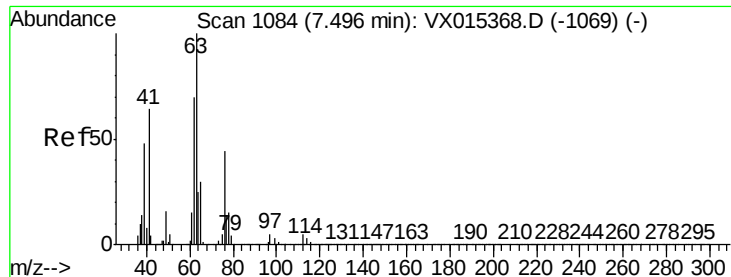


#44

Trichloroethene
 Concen: 70.741 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 130 Resp: 671452
 Ion Ratio Lower Upper
 130 100
 95 91.4 0.0 199.0

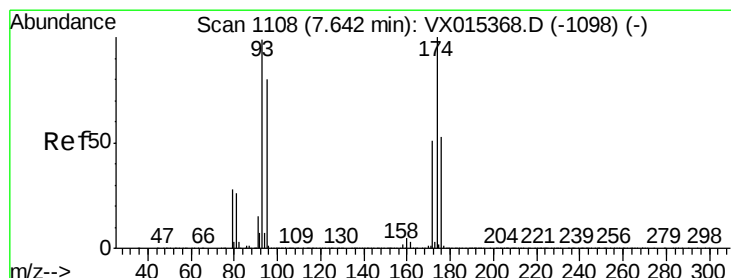
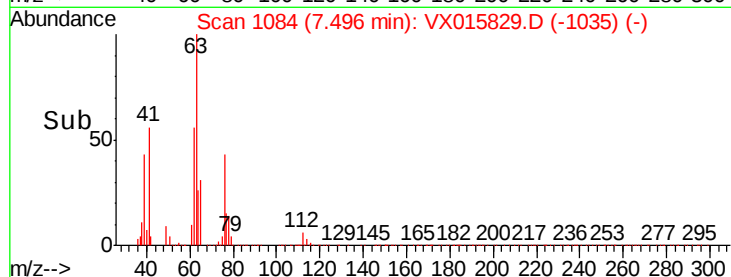
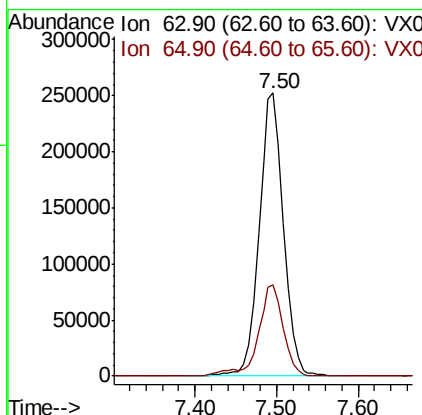
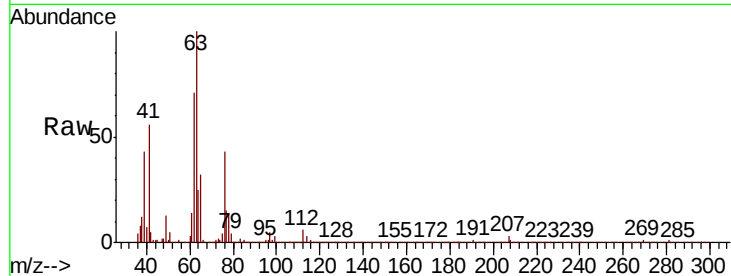




#45
 1,2-Dichloropropane
 Concen: 54.601 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

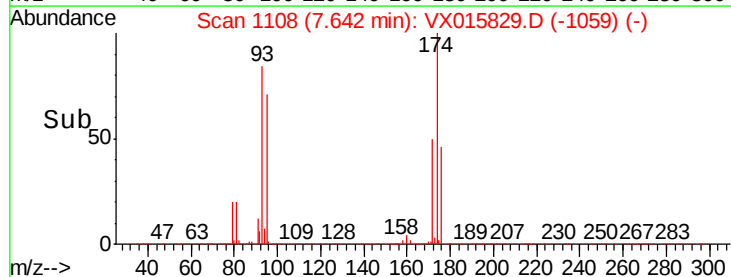
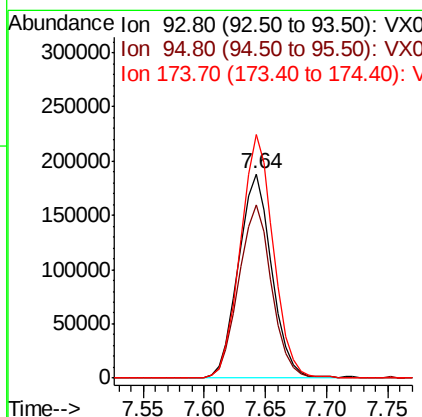
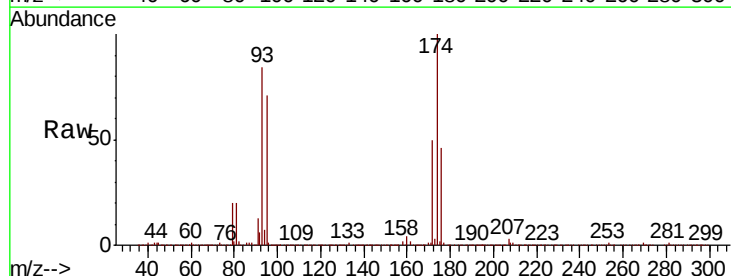
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

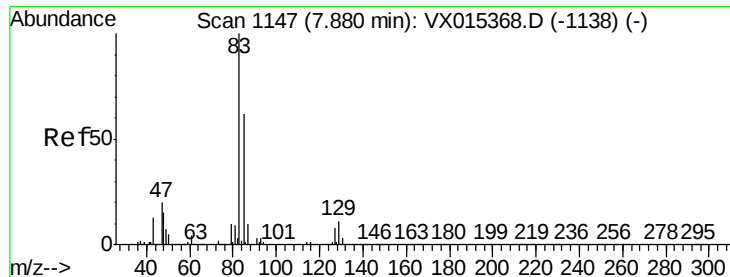
Tot Ion: 63 Resp: 519837
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.9 35.9



#46
 Dibromomethane
 Concen: 56.777 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 93 Resp: 354591
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.8 98.8
 174 118.4 86.2 129.2





#47

Bromodichloromethane

Concen: 52.452 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

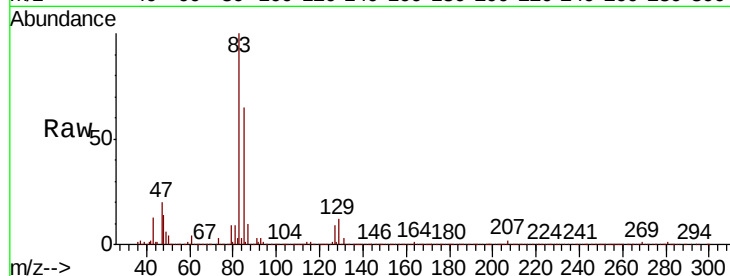
Tot Ion: 83 Resp: 698017

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

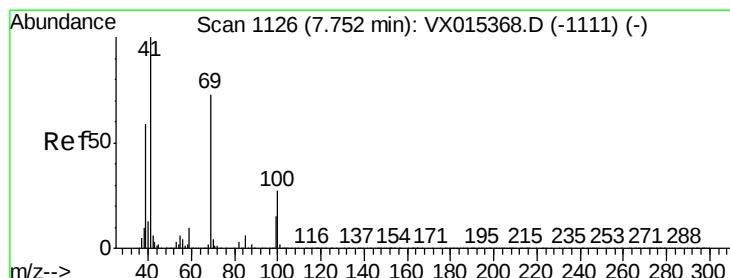
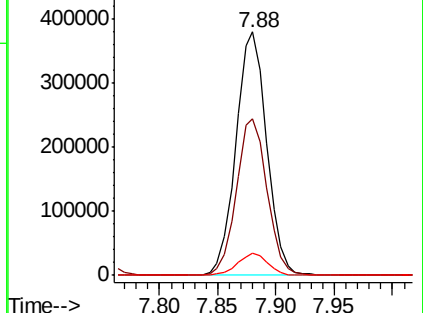
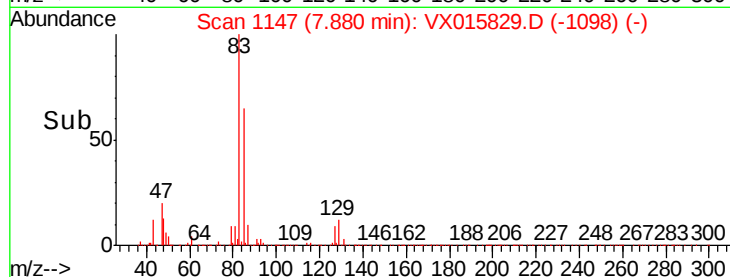
127 8.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.691 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

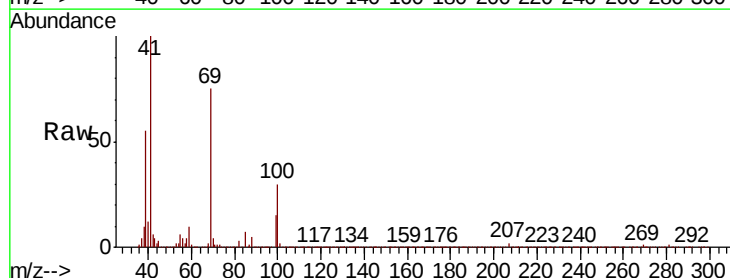
Tgt Ion: 41 Resp: 661222

Ion Ratio Lower Upper

41 100

69 76.6 56.7 85.1

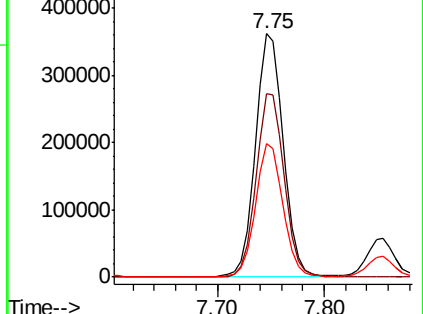
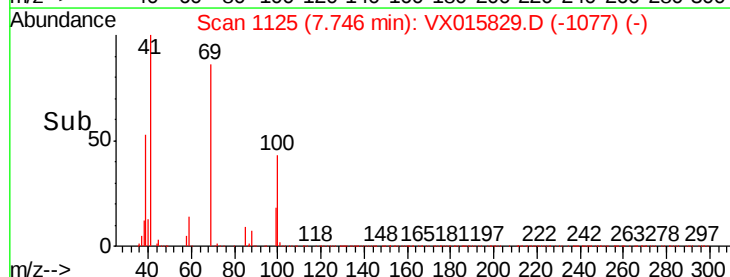
39 54.8 46.5 69.7

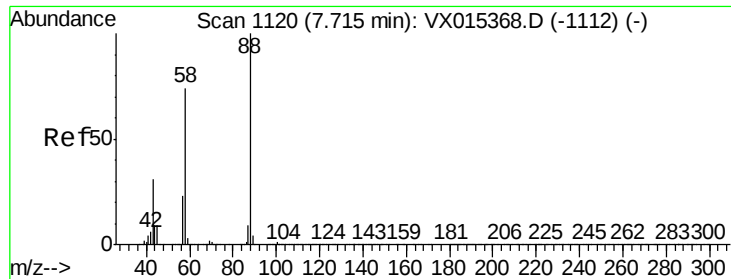


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

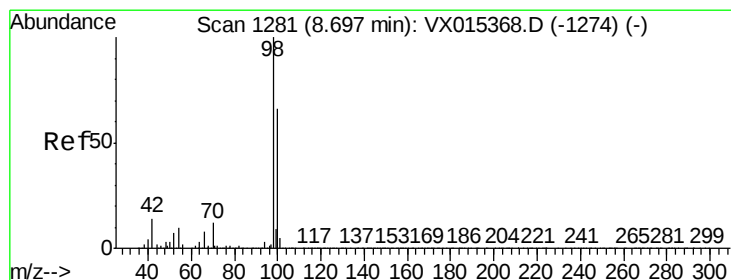
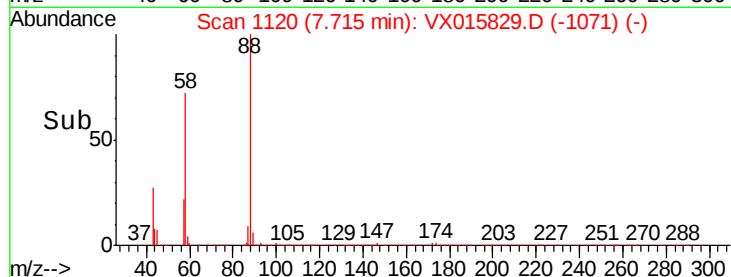
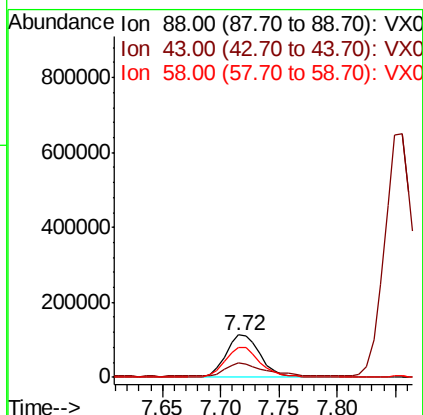
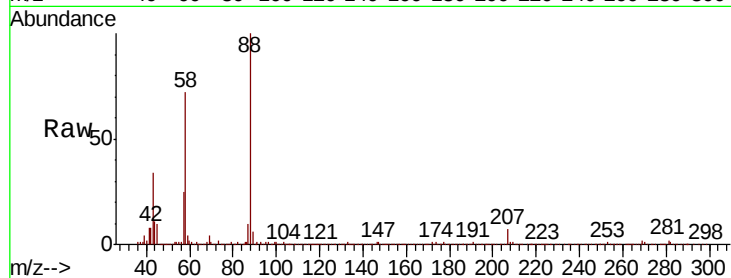




#49
1,4-Dioxane
Concen: 945.073 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

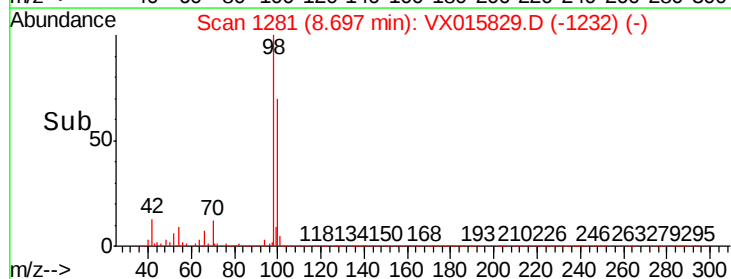
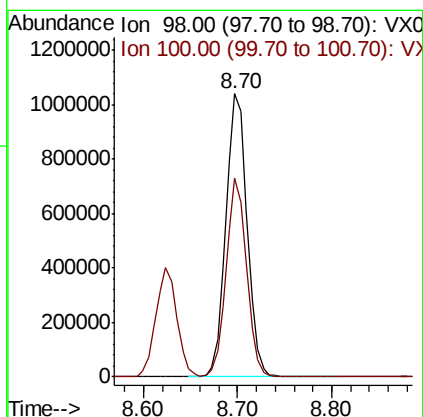
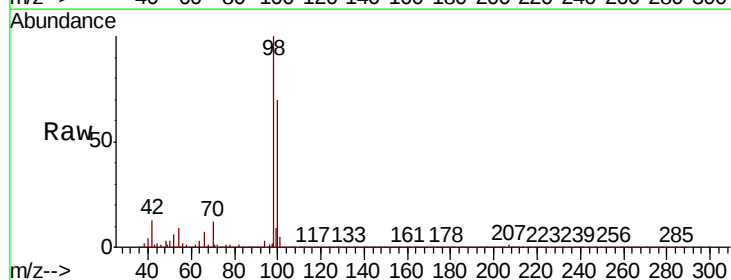
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

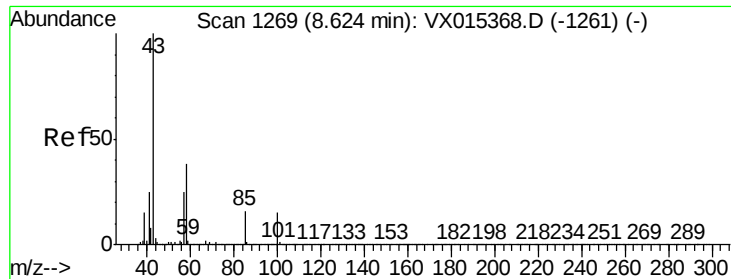
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	30.1	45.1
58	72.8	60.6	90.8



#50
Toluene-d8
Concen: 53.494 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.5	80.3

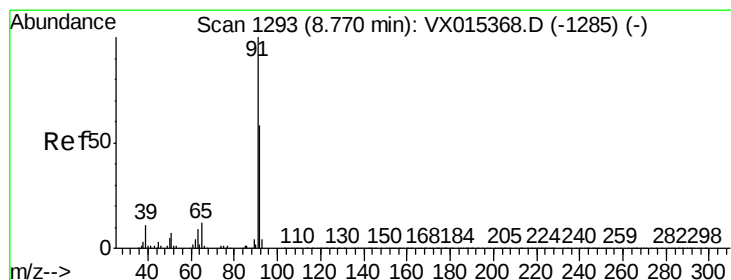
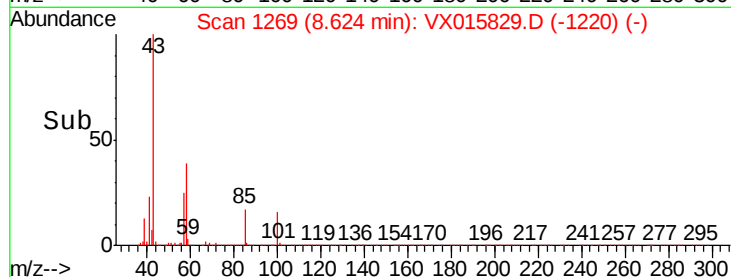
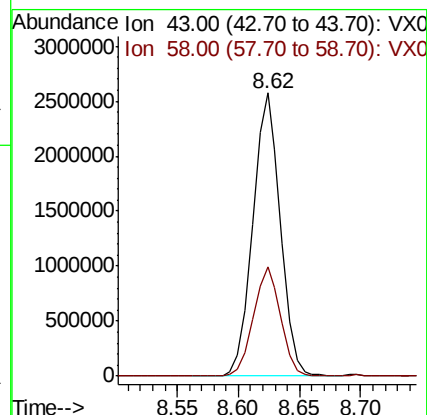
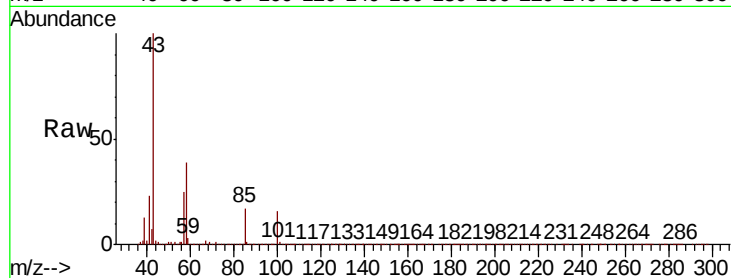




#51
4-Methyl-2-Pentanone
Concen: 270.575 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

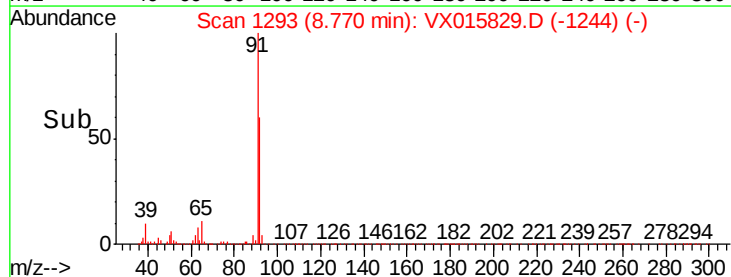
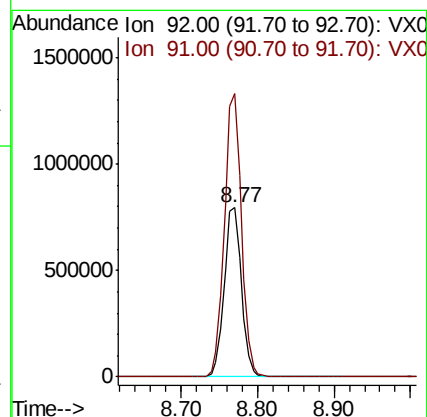
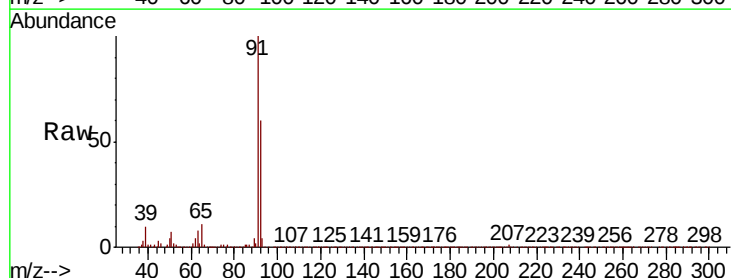
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4004484
Ion Ratio Lower Upper
43 100
58 38.3 29.7 44.5



#52
Toluene
Concen: 57.667 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 92 Resp: 1237359
Ion Ratio Lower Upper
92 100
91 165.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.121 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

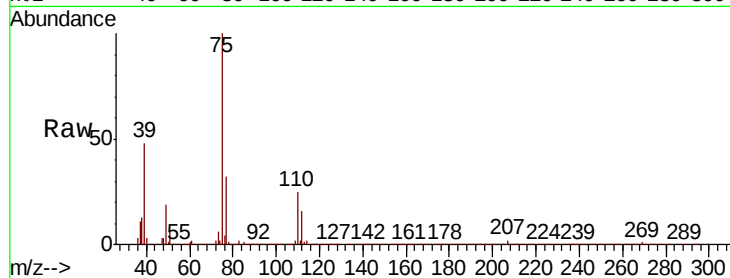
VSTDCCC050EC

Tot Ion: 75 Resp: 797863

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

600000

500000

400000

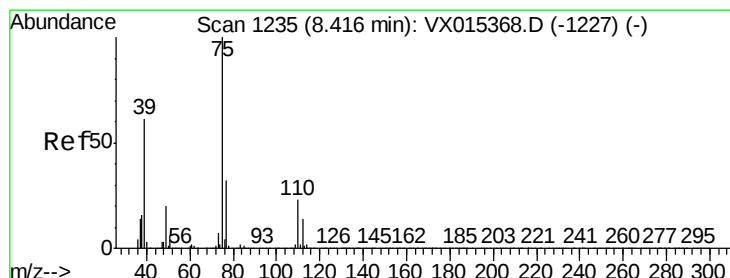
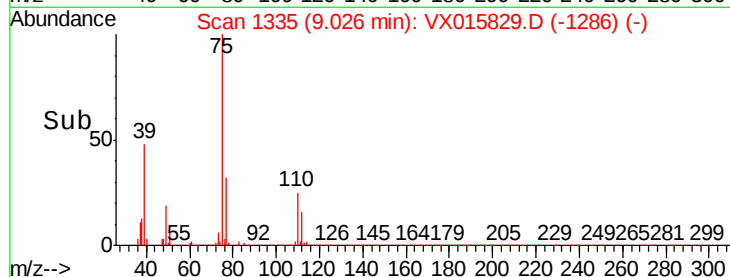
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.836 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

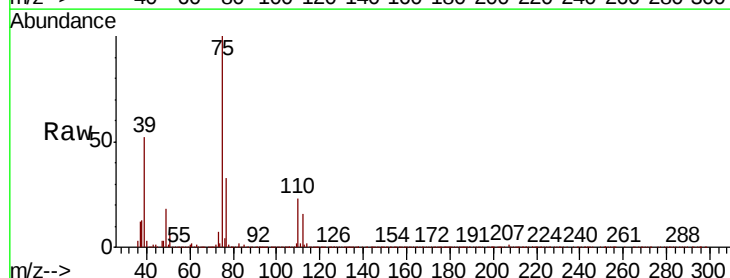
Tgt Ion: 75 Resp: 840028

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 52.4 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

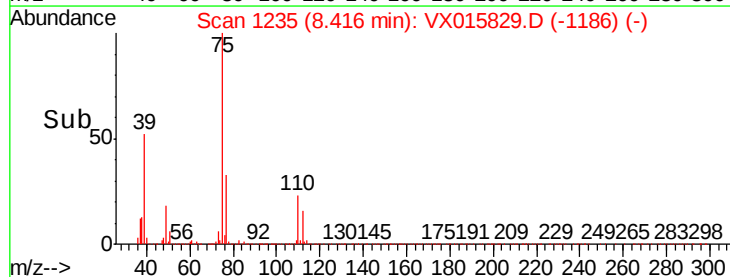
600000

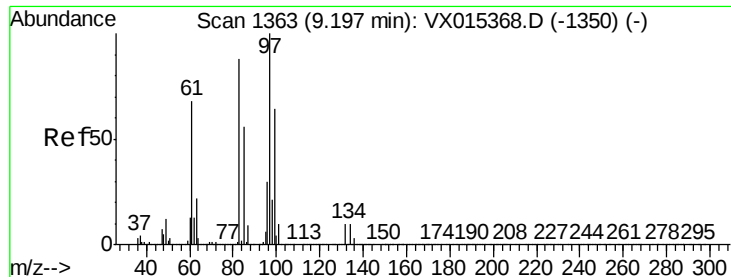
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 58.007 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 509943

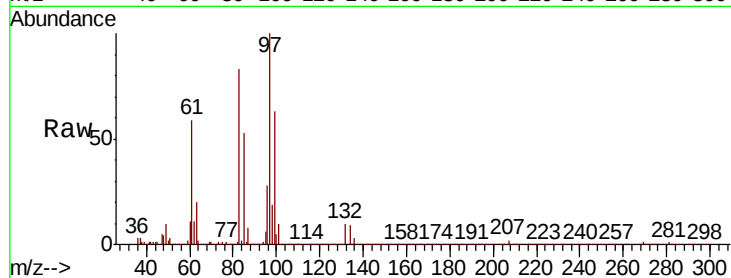
Ion Ratio Lower Upper

97 100

83 83.1 70.2 105.4

85 53.1 44.7 67.1

99 62.6 51.1 76.7

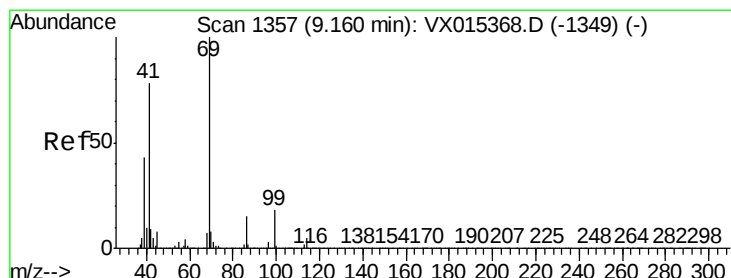
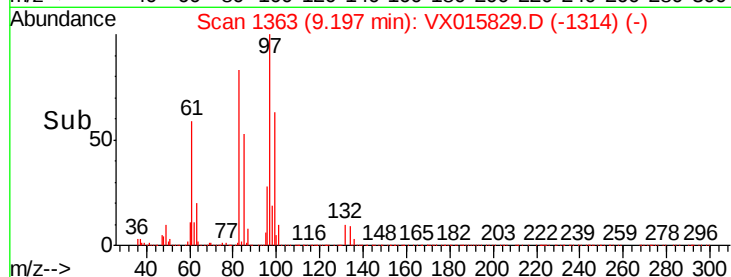
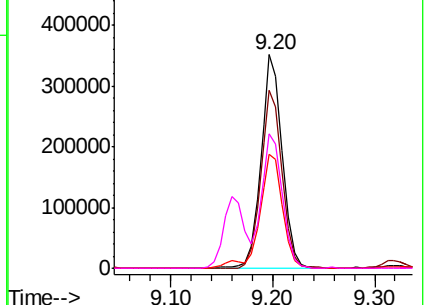


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 56.329 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

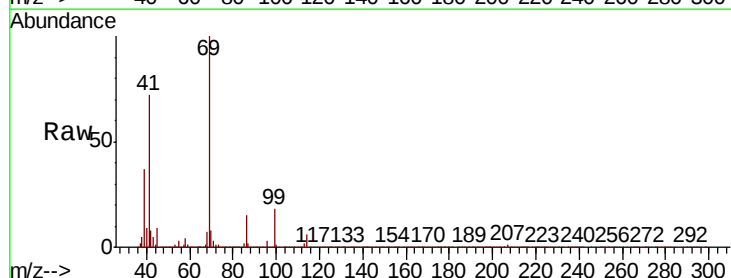
Tgt Ion: 69 Resp: 872710

Ion Ratio Lower Upper

69 100

41 71.8 61.6 92.4

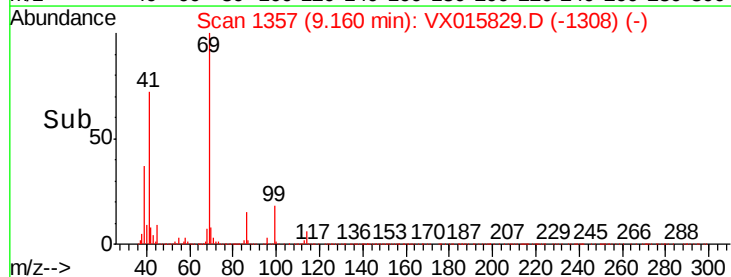
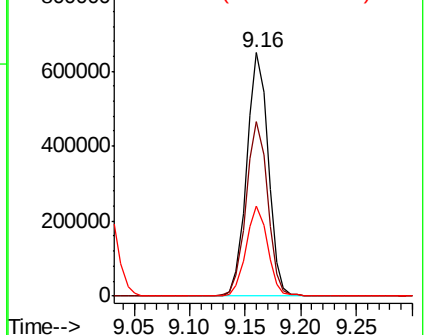
39 37.1 34.0 51.0

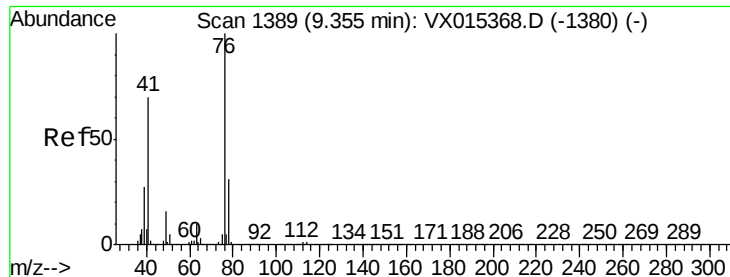


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.801 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

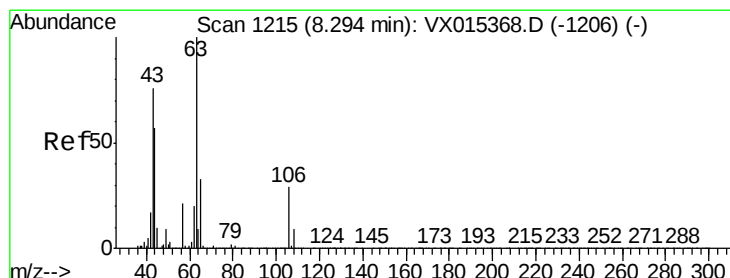
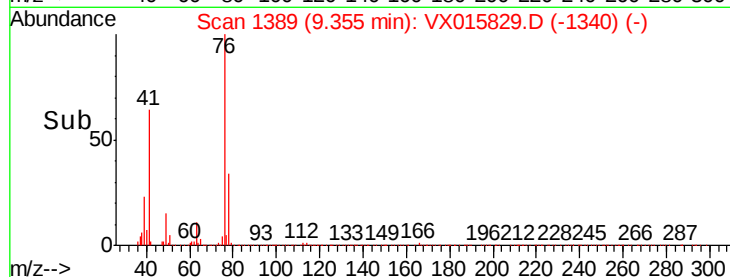
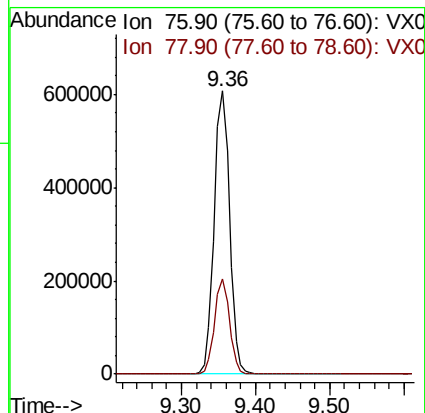
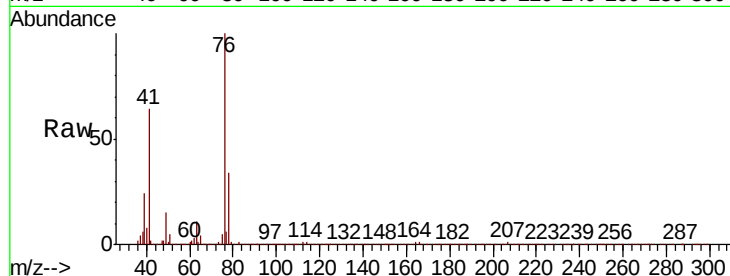
VSTDCCC050EC

Tot Ion: 76 Resp: 867972

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.779 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015829.D

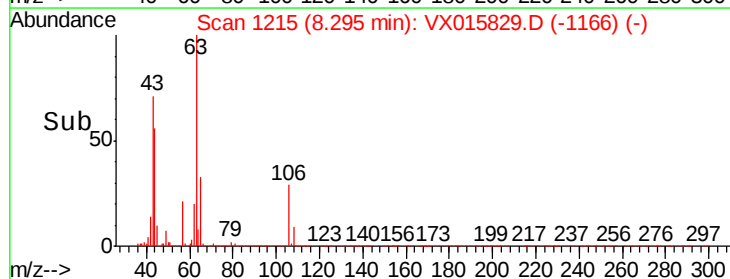
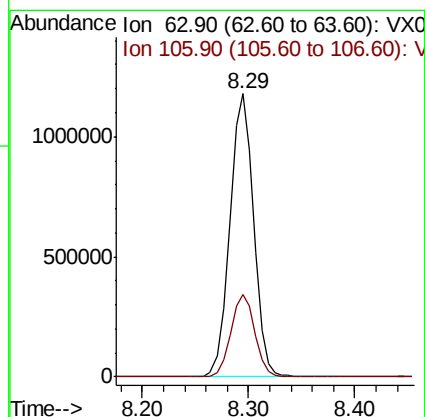
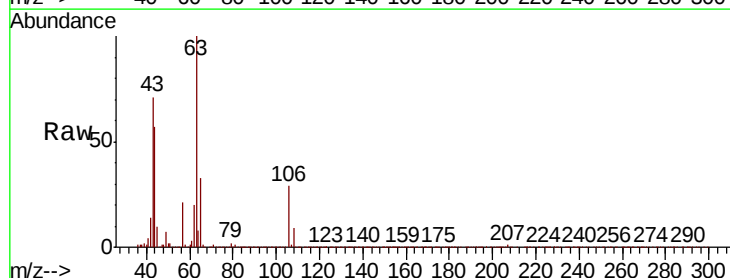
Acq: 22 Apr 2020 05:29

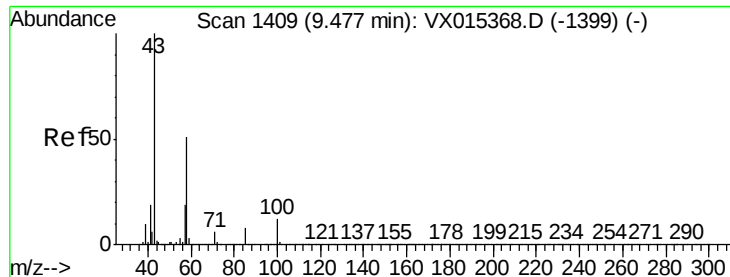
Tgt Ion: 63 Resp: 1844625

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

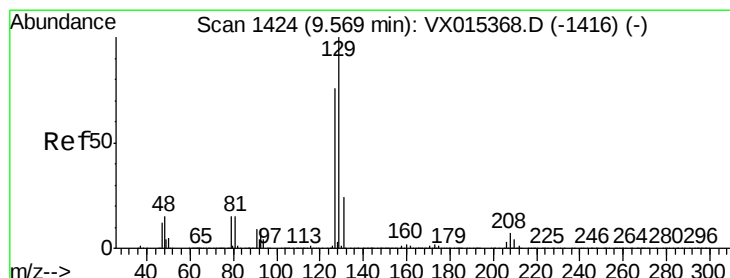
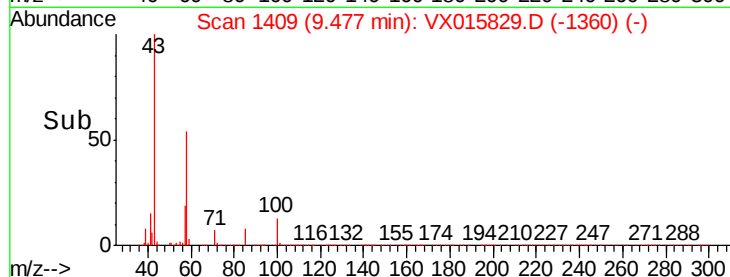
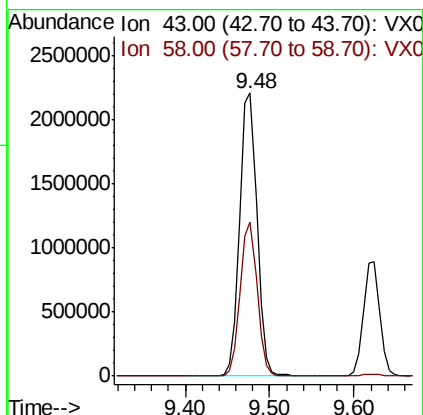
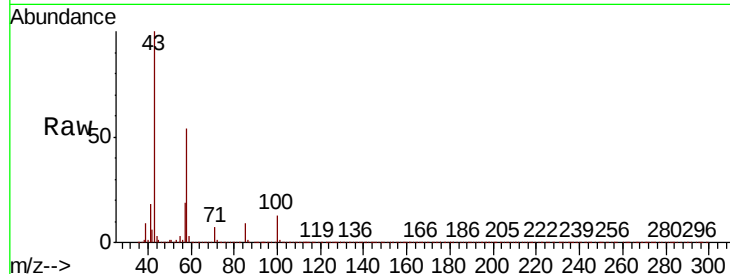




#59
2-Hexanone
Concen: 270.556 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

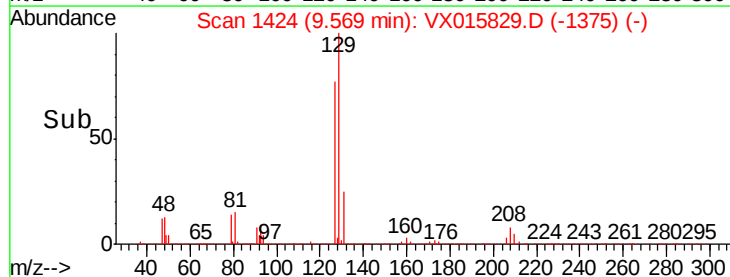
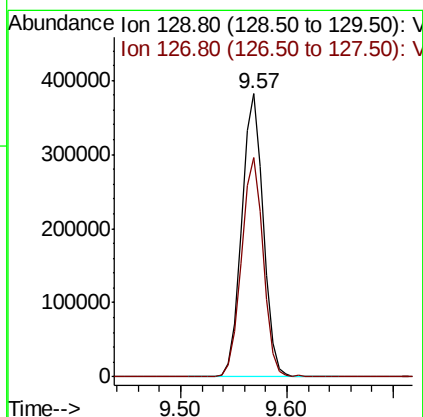
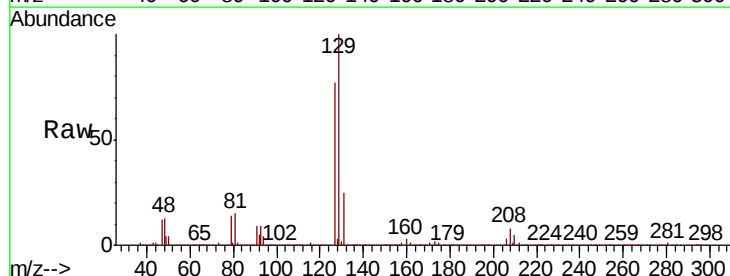
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

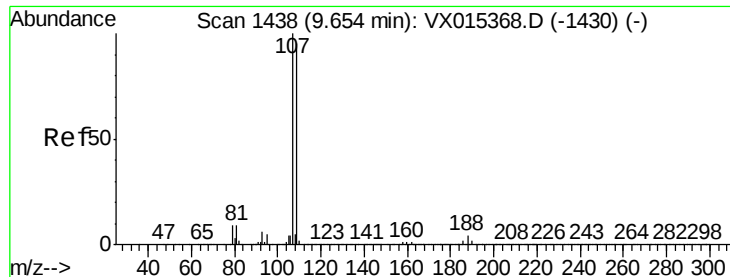
Tot Ion: 43 Resp: 3023098
Ion Ratio Lower Upper
43 100
58 53.2 25.6 76.6



#60
Dibromochloromethane
Concen: 51.528 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 129 Resp: 544316
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.584 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

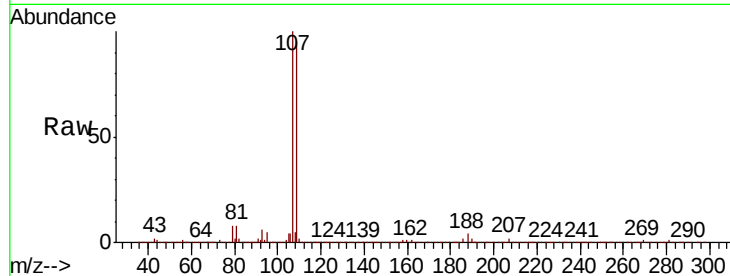
VSTDCCC050EC

Tot Ion:107 Resp: 531317

Ion Ratio Lower Upper

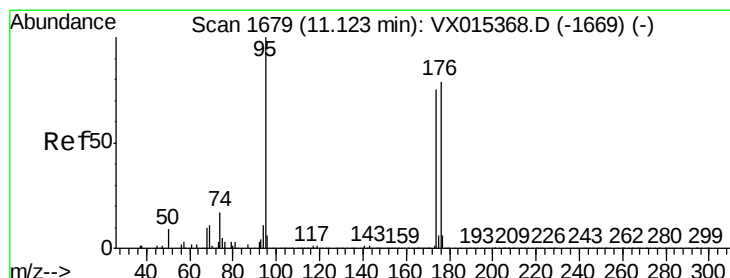
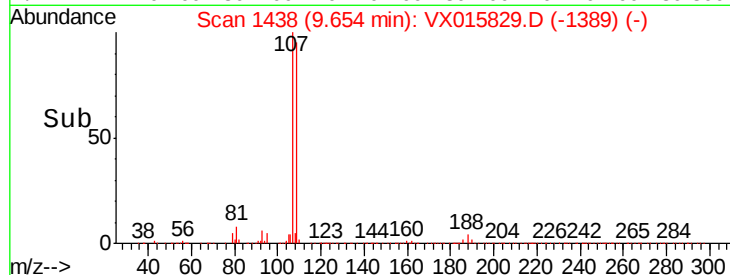
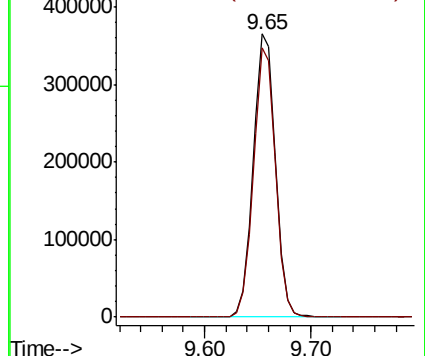
107 100

109 94.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.829 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

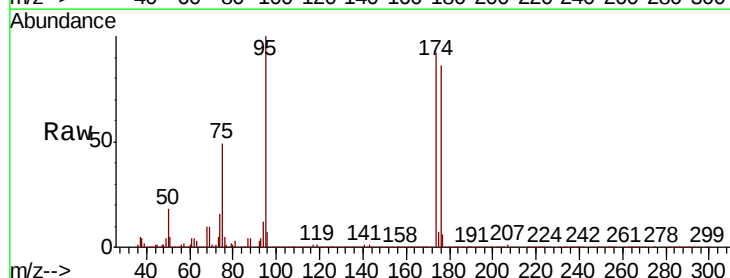
Tgt Ion: 95 Resp: 676217

Ion Ratio Lower Upper

95 100

174 88.5 0.0 158.6

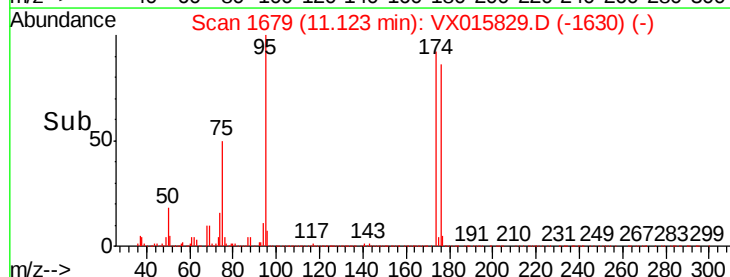
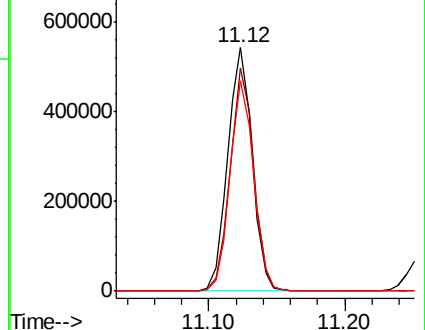
176 83.7 0.0 159.0

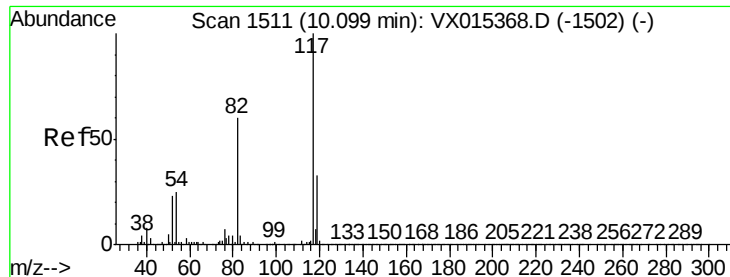


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

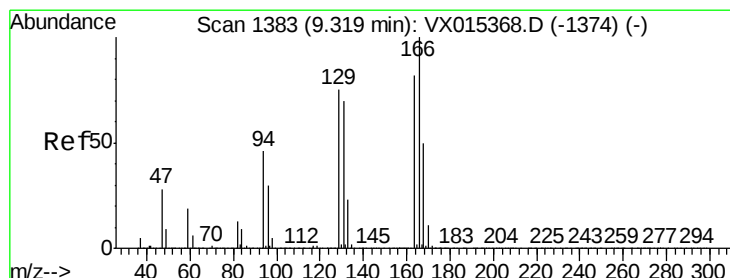
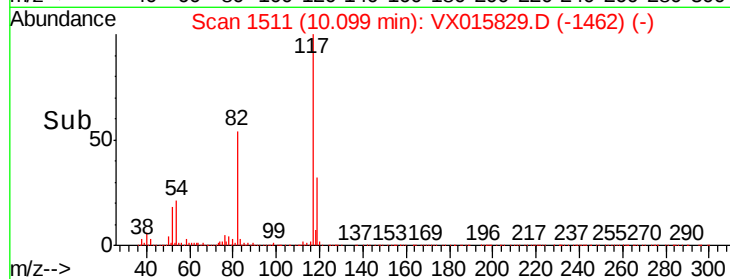
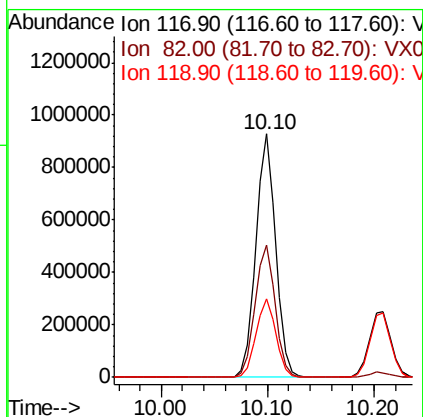
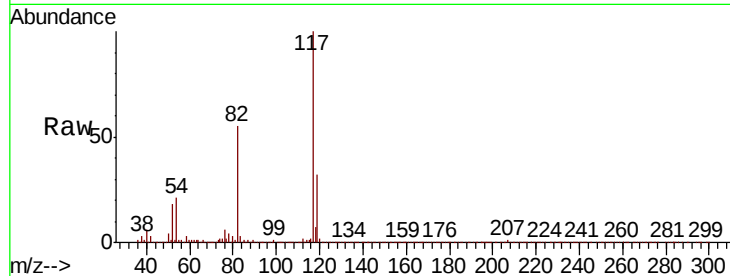




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

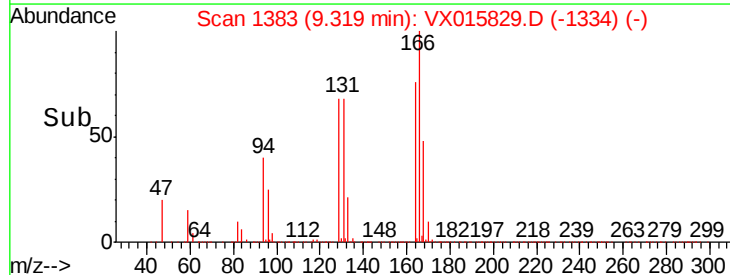
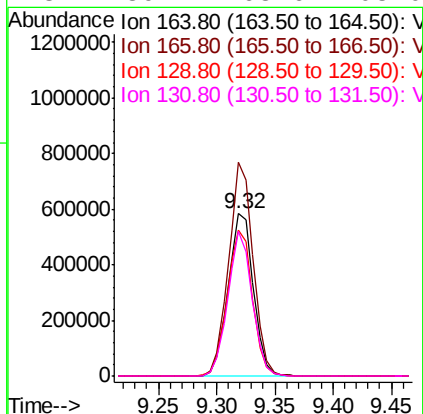
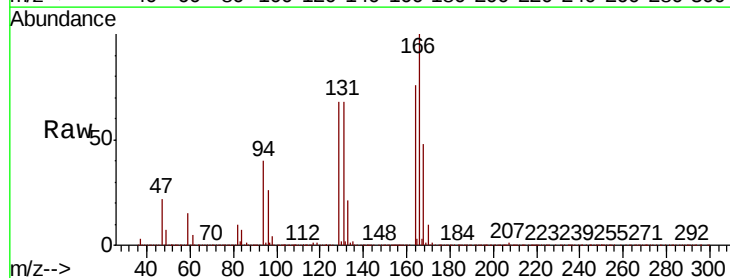
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

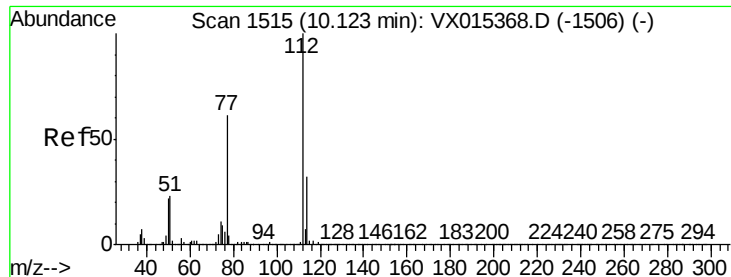
Tot Ion:117 Resp: 1210955
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.8
119 32.2 26.8 40.2



#64
Tetrachloroethene
Concen: 96.212 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:164 Resp: 879261
Ion Ratio Lower Upper
164 100
166 131.9 97.8 146.6
129 90.1 73.0 109.4
131 89.2 68.6 103.0





#65

Chlorobenzene

Concen: 55.524 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

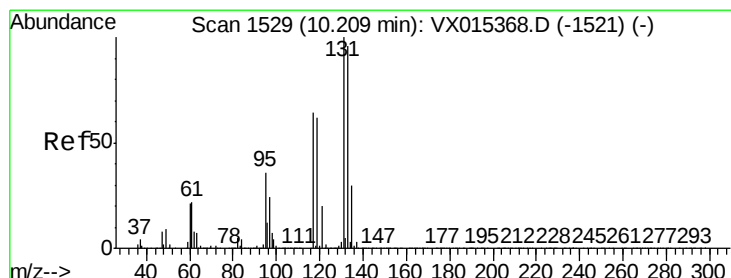
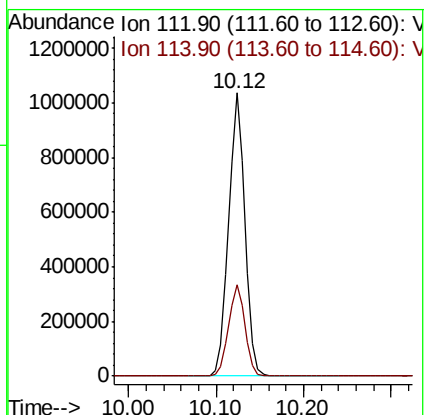
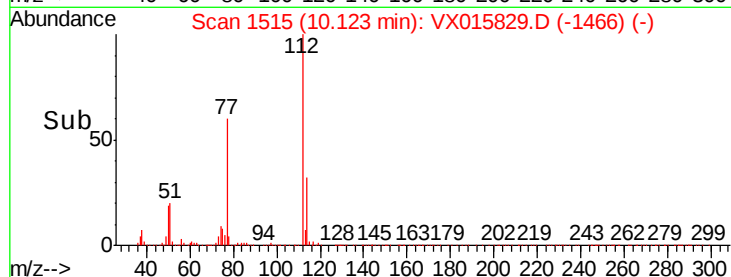
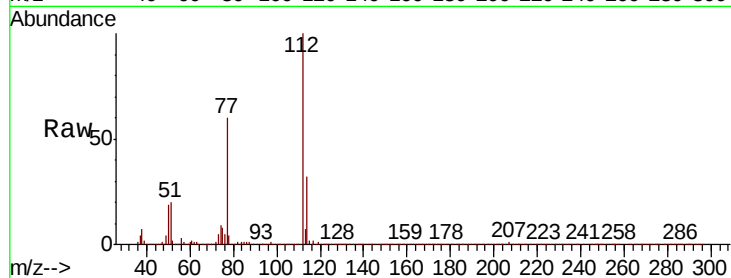
VSTDCCC050EC

Tot Ion:112 Resp: 1340921

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 55.396 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

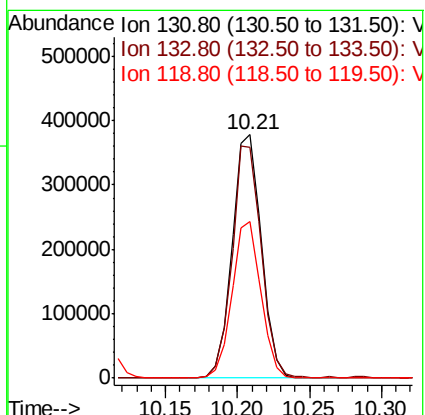
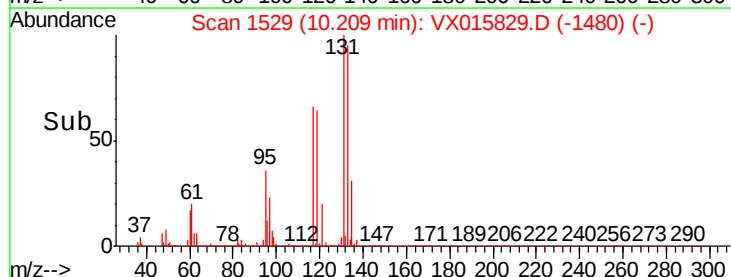
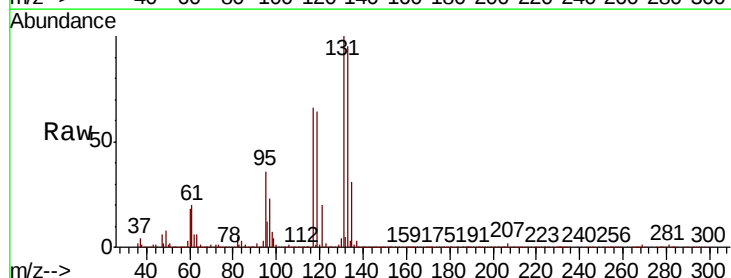
Tgt Ion:131 Resp: 534465

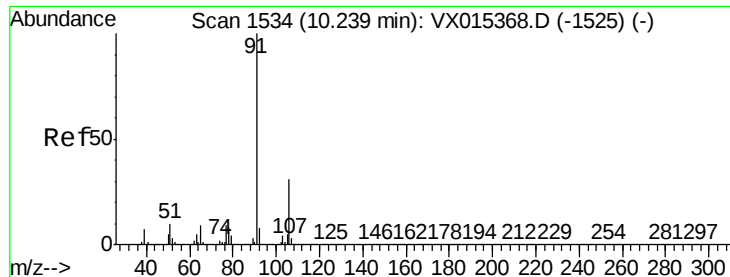
Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

119 63.5 31.1 93.3





#67

Ethyl Benzene

Concen: 55.171 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

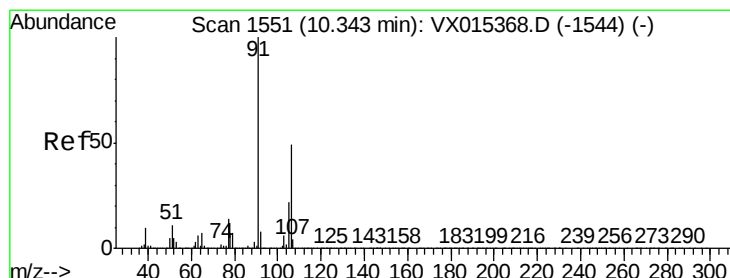
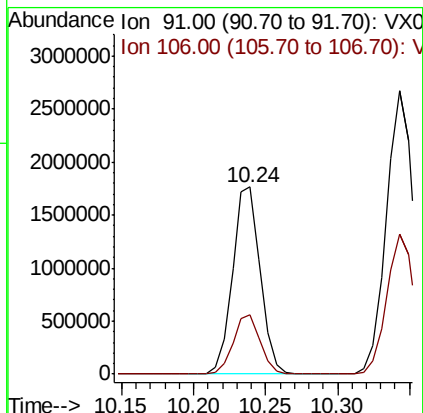
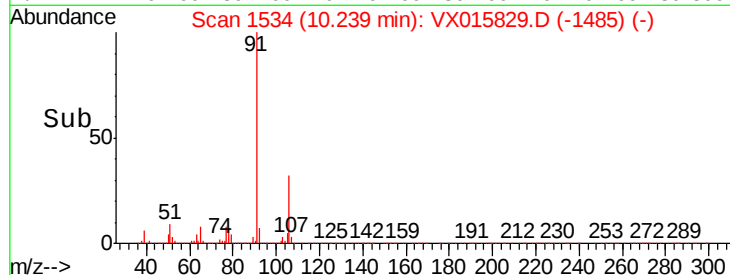
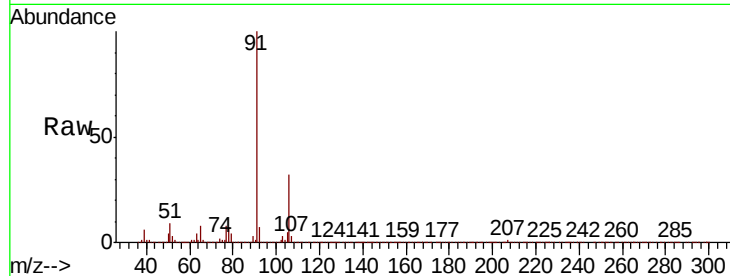
VSTDCCC050EC

Tot Ion: 91 Resp: 2363104

Ion Ratio Lower Upper

91 100

106 32.0 24.8 37.2



#68

m/p-Xylenes

Concen: 110.229 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015829.D

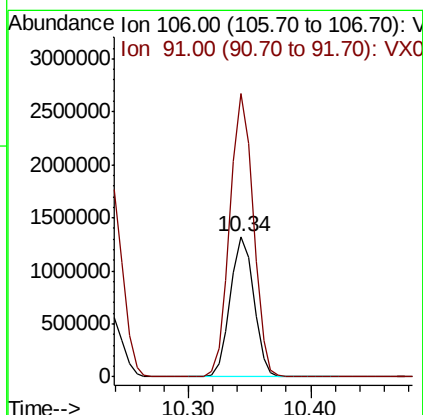
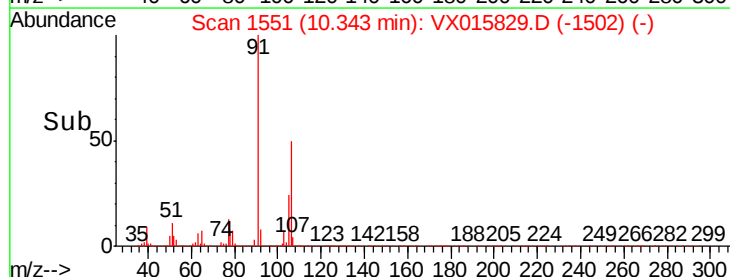
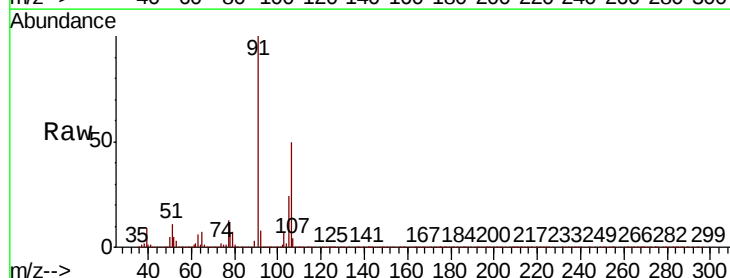
Acq: 22 Apr 2020 05:29

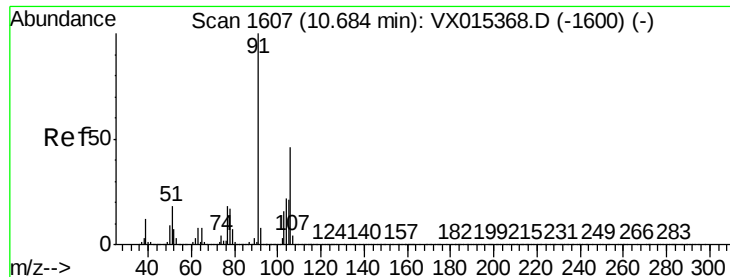
Tgt Ion: 106 Resp: 1758077

Ion Ratio Lower Upper

106 100

91 201.3 163.4 245.0

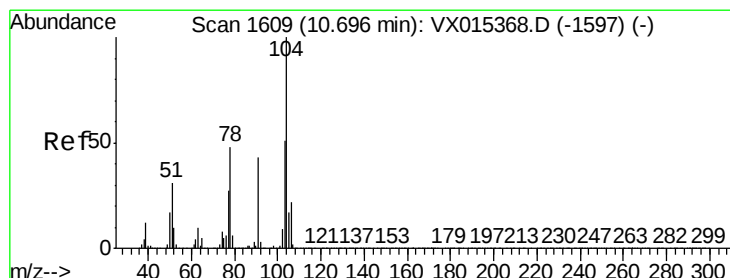
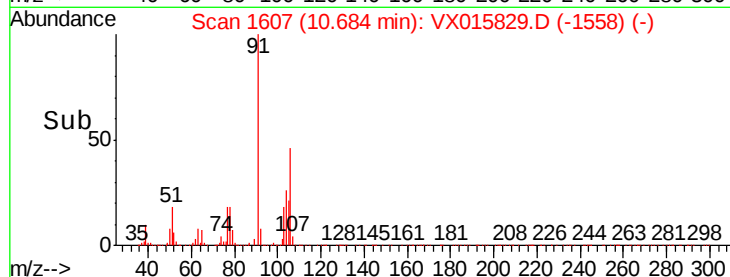
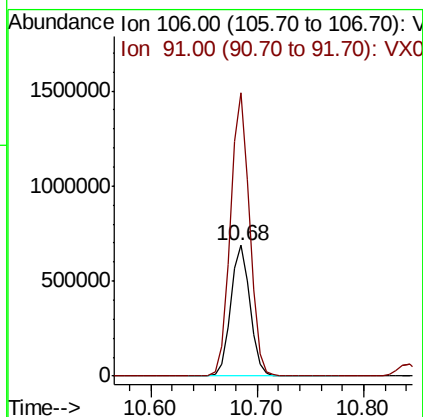
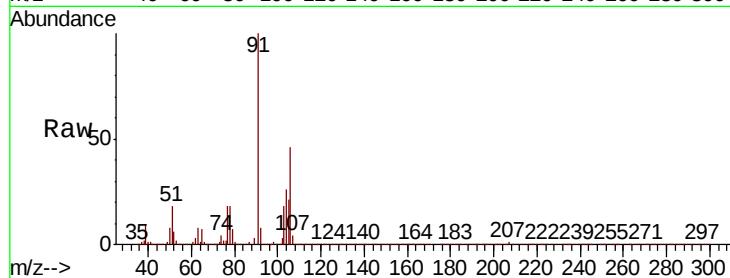




#69
o-Xylene
Concen: 55.645 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

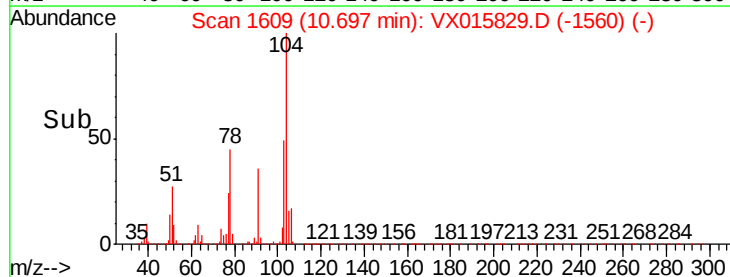
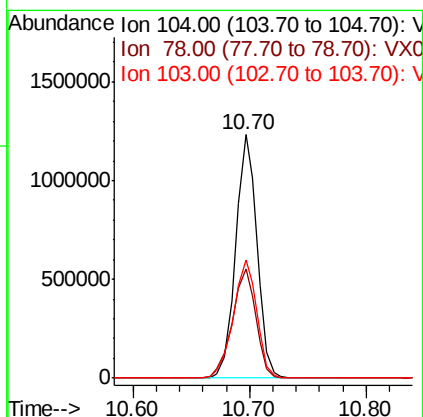
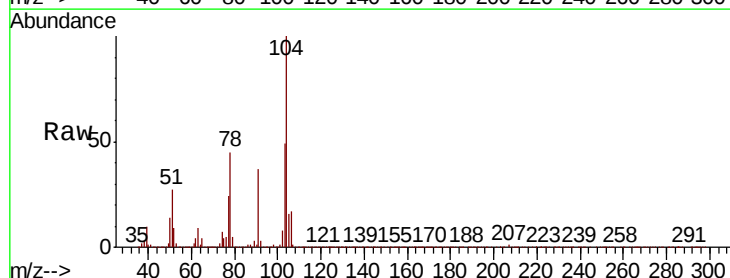
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

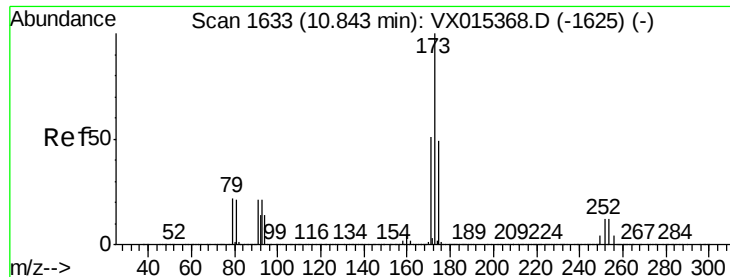
Tot Ion:106 Resp: 876992
Ion Ratio Lower Upper
106 100
91 214.5 107.1 321.3



#70
Styrene
Concen: 56.858 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:104 Resp: 1576882
Ion Ratio Lower Upper
104 100
78 49.5 42.0 63.0
103 53.2 43.4 65.0

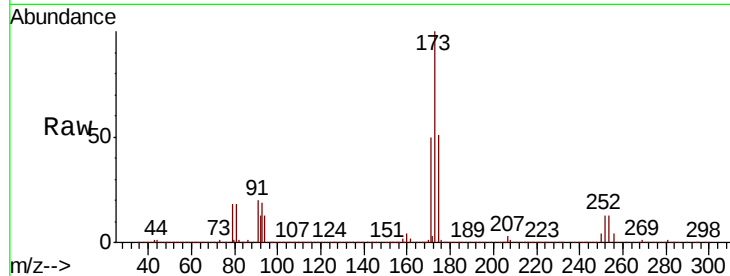




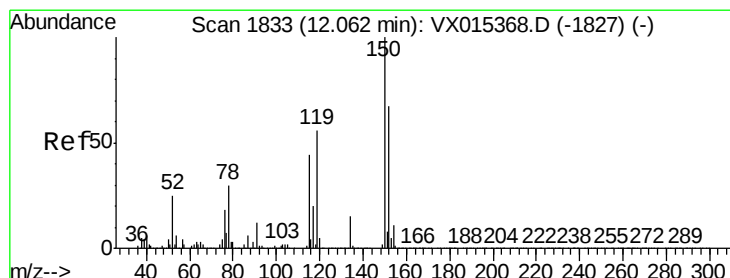
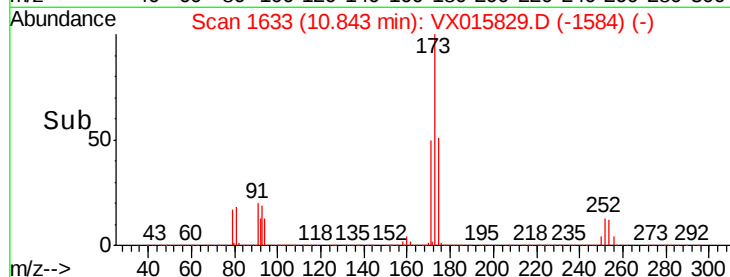
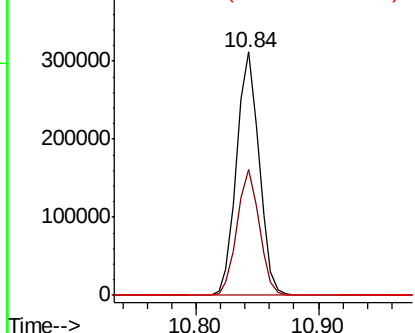
#71
Bromoform
Concen: 44.992 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 395168
Ion Ratio Lower Upper
173 100
175 51.2 23.9 71.7
254 0.3 0.1 0.1#

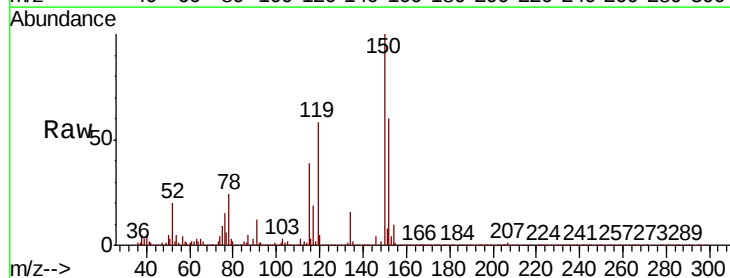


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

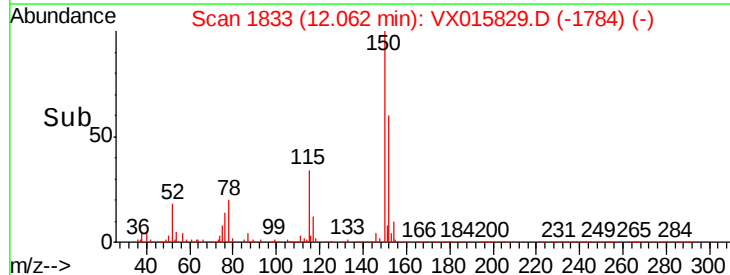
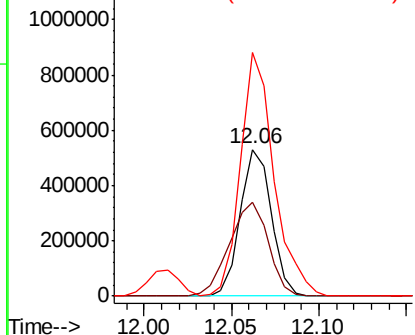


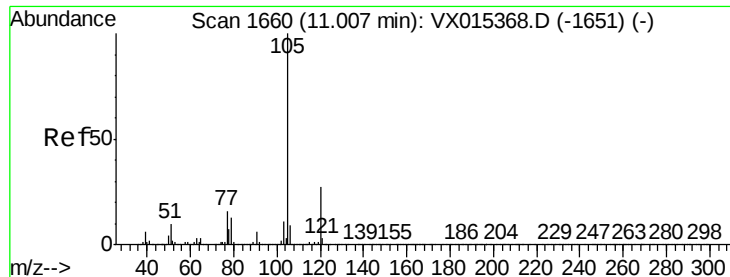
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:152 Resp: 657997
Ion Ratio Lower Upper
152 100
115 79.3 39.0 116.9
150 178.3 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.028 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

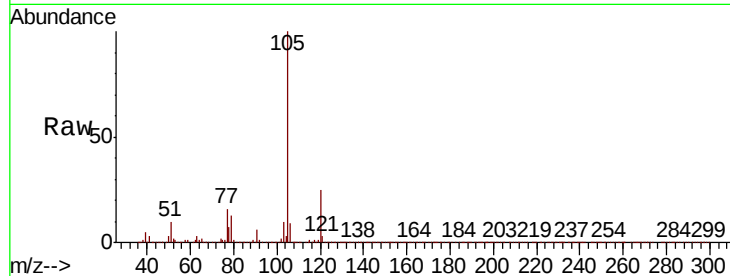
VSTDCCC050EC

Tot Ion:105 Resp: 2372443

Ion Ratio Lower Upper

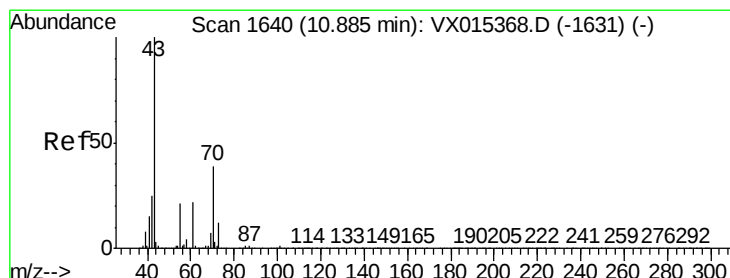
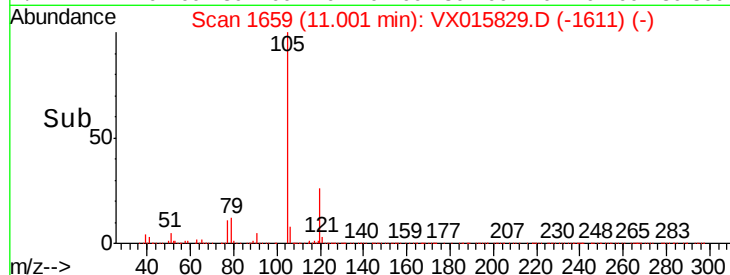
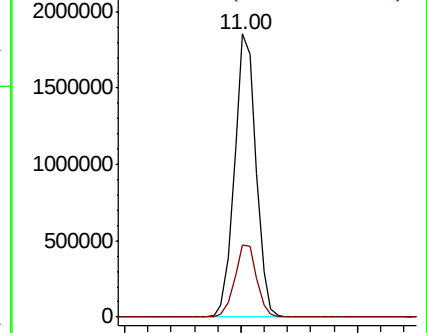
105 100

120 26.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.000 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion: 43 Resp: 1246889

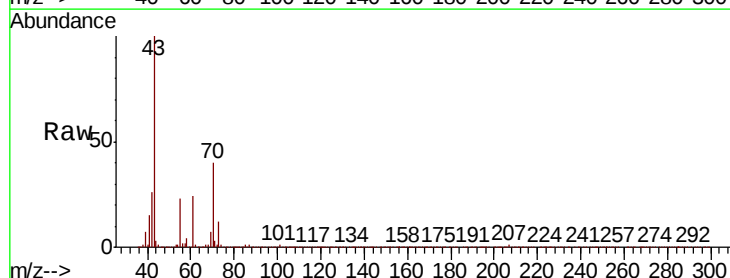
Ion Ratio Lower Upper

43 100

70 40.5 30.2 45.4

55 22.4 16.8 25.2

61 23.9 18.2 27.2

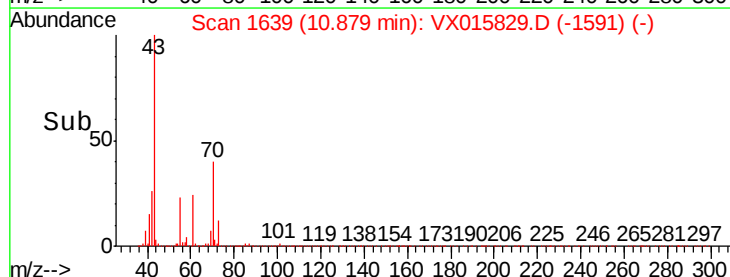
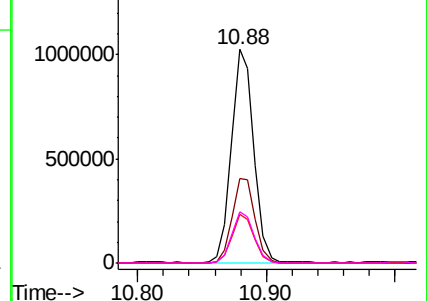


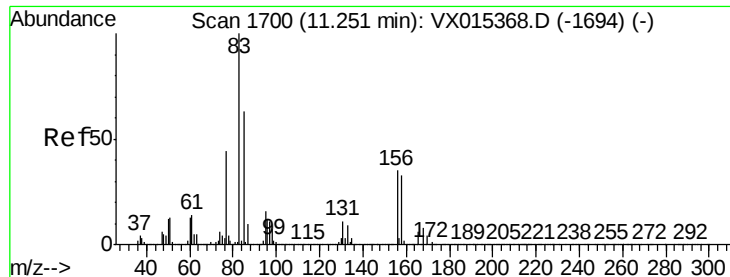
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 36.498 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

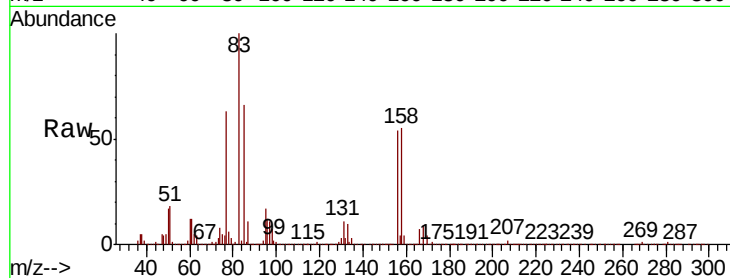
Tot Ion: 83 Resp: 539937

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

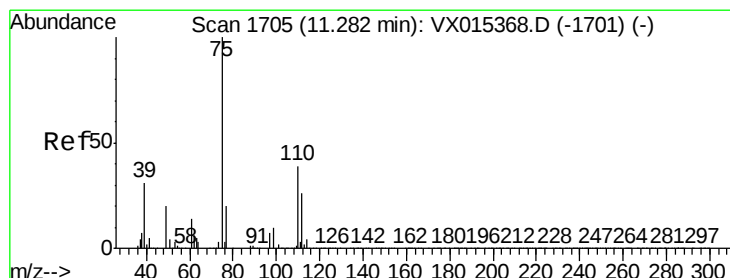
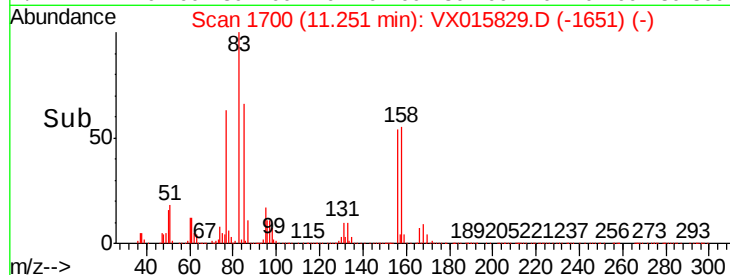
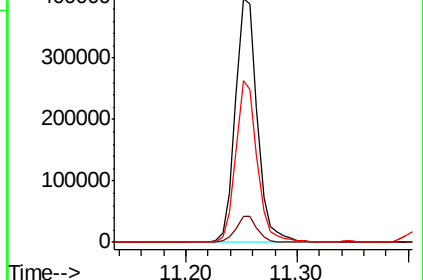
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.137 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015829.D

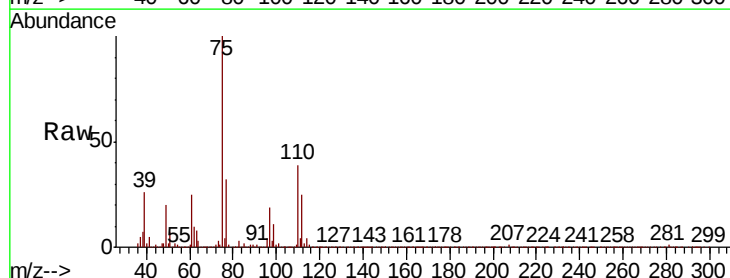
Acq: 22 Apr 2020 05:29

Tgt Ion: 75 Resp: 935501

Ion Ratio Lower Upper

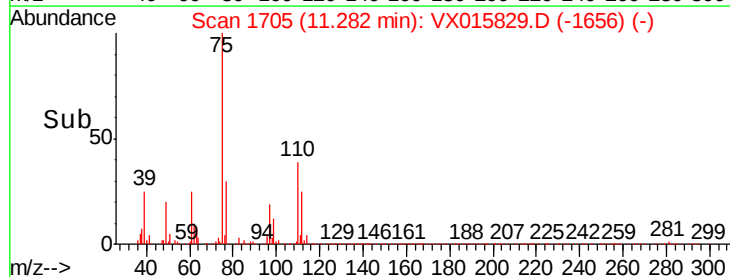
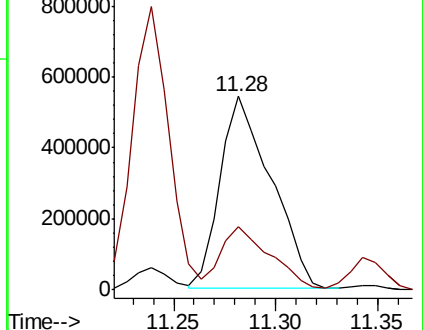
75 100

77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

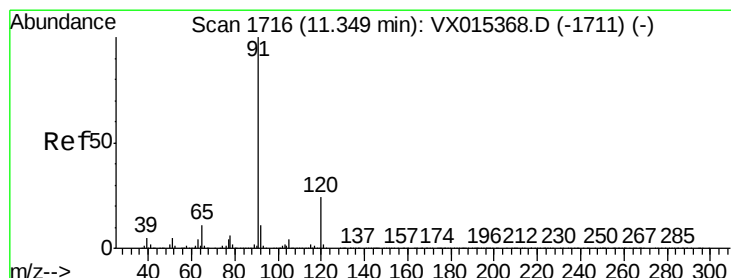
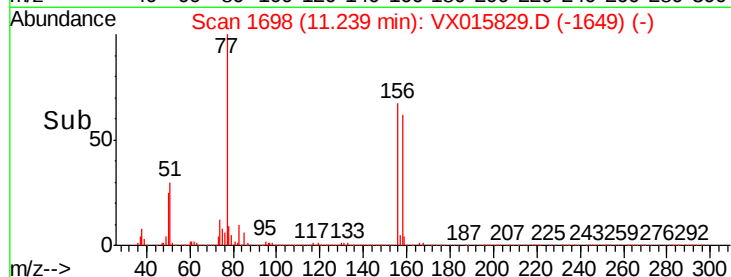
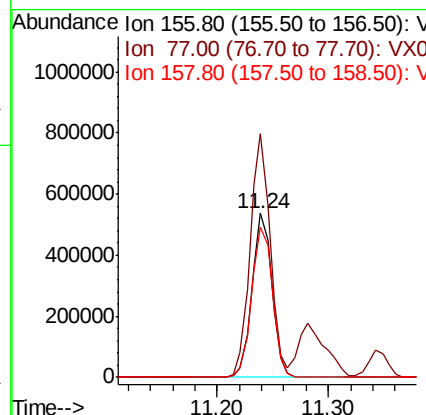
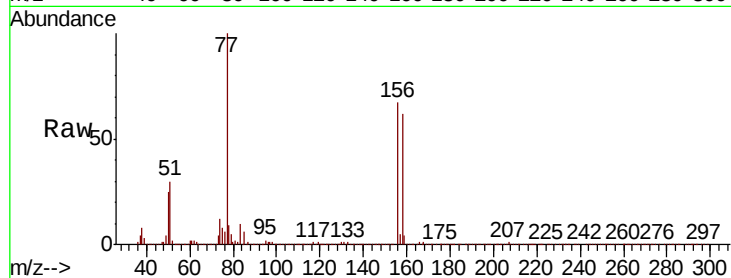




#77
Bromobenzene
Concen: 57.894 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

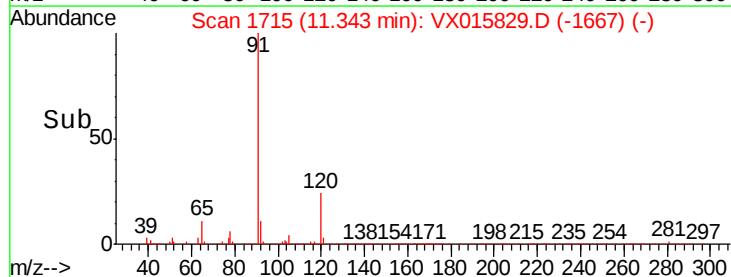
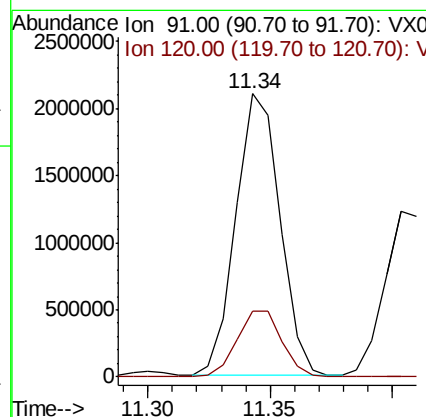
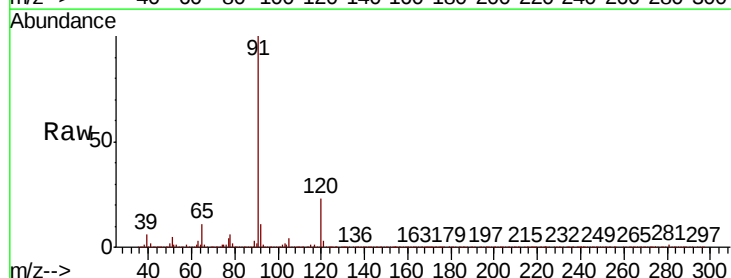
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

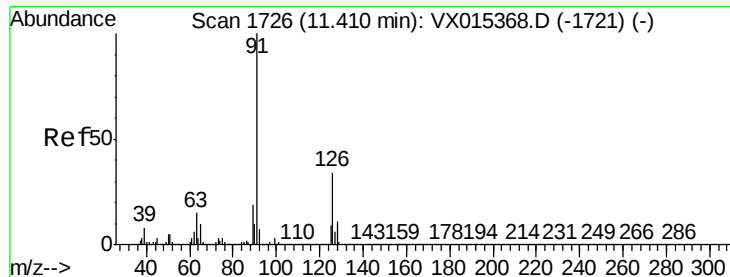
Tot Ion:156 Resp: 665773
Ion Ratio Lower Upper
156 100
77 149.5 82.2 246.5
158 96.3 49.3 147.9



#78
n-propylbenzene
Concen: 53.546 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 91 Resp: 2639764
Ion Ratio Lower Upper
91 100
120 24.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 53.221 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

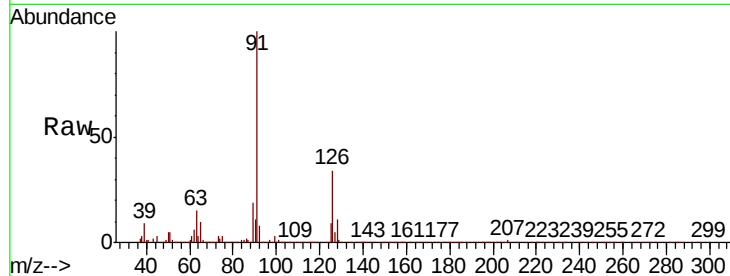
VSTDCCC050EC

Tot Ion: 91 Resp: 1608162

Ion Ratio Lower Upper

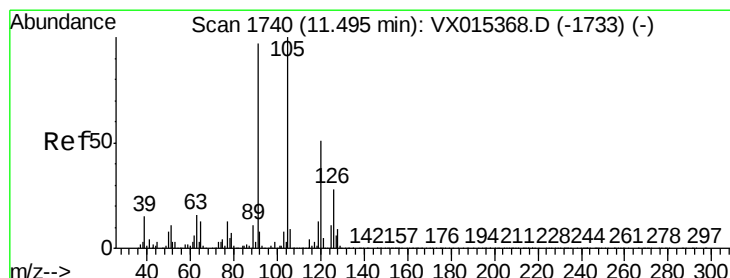
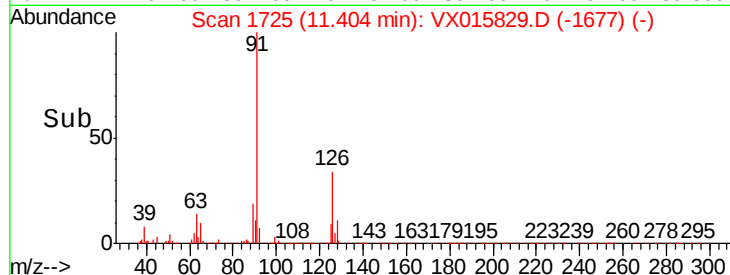
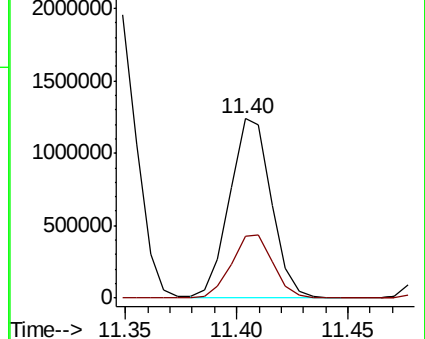
91 100

126 35.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.839 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015829.D

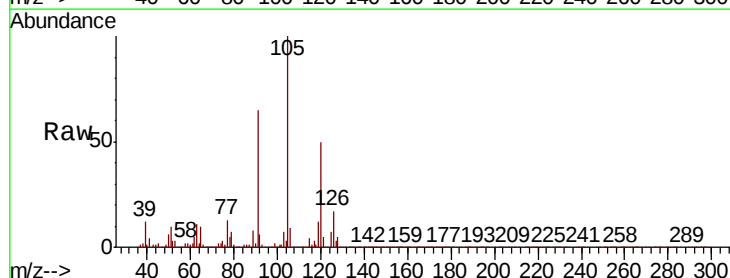
Acq: 22 Apr 2020 05:29

Tgt Ion:105 Resp: 2019181

Ion Ratio Lower Upper

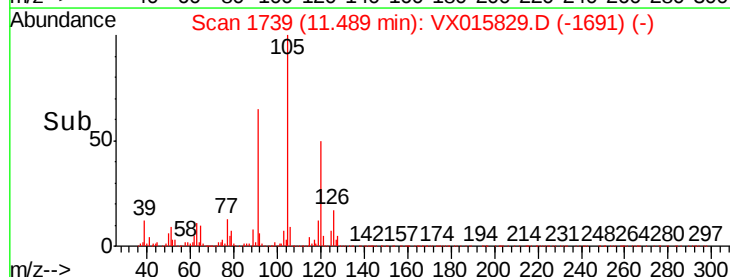
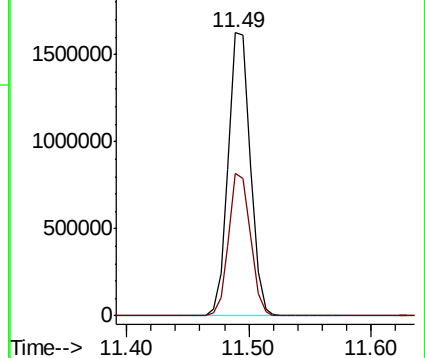
105 100

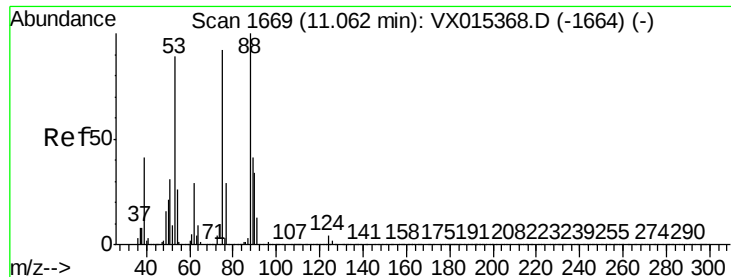
120 49.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.993 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

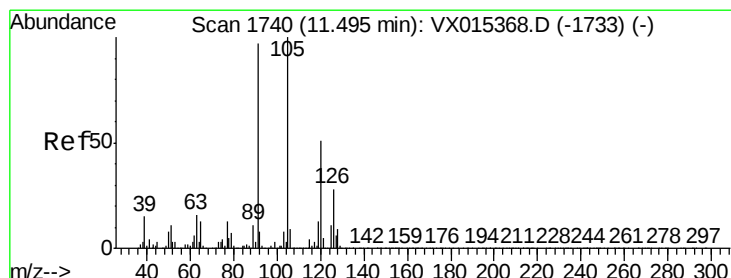
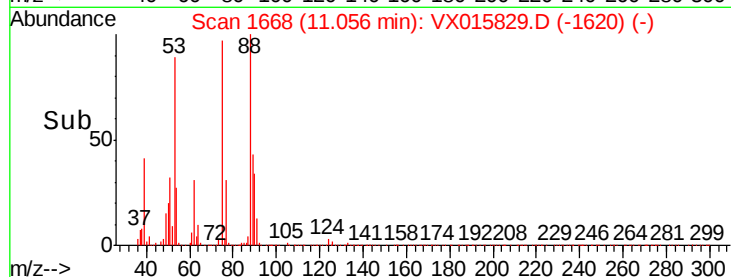
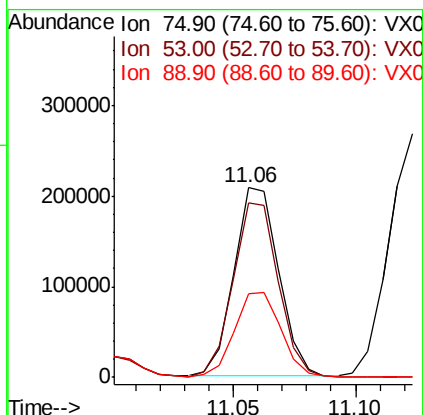
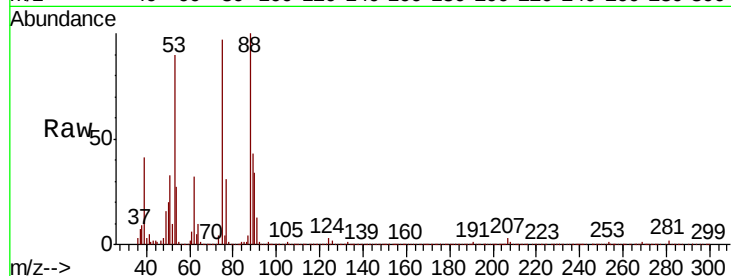
Tot Ion: 75 Resp: 265009

Ion Ratio Lower Upper

75 100

53 93.7 80.1 120.1

89 46.9 36.1 54.1



#82

4-Chlorotoluene

Concen: 53.635 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015829.D

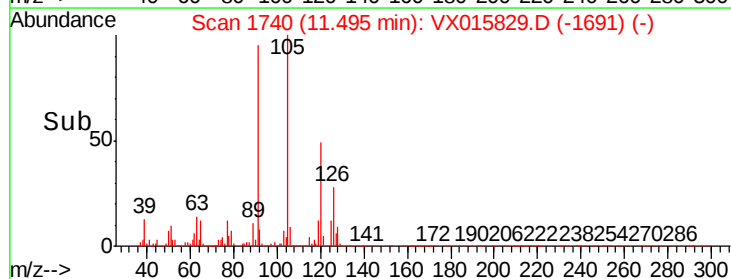
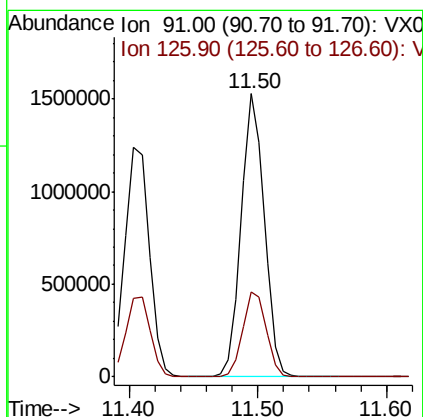
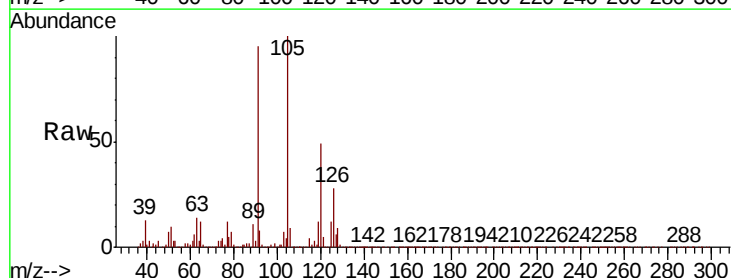
Acq: 22 Apr 2020 05:29

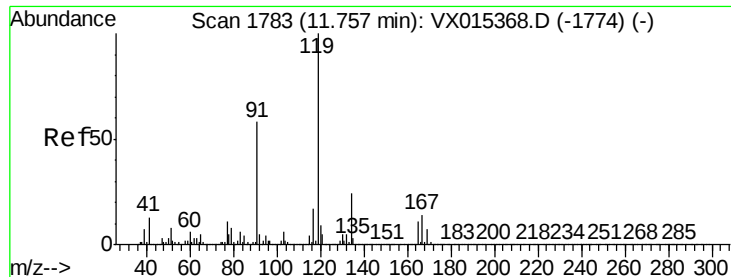
Tgt Ion: 91 Resp: 1899922

Ion Ratio Lower Upper

91 100

126 30.5 14.7 44.1

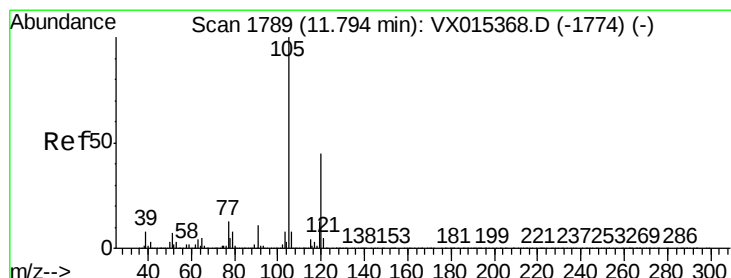
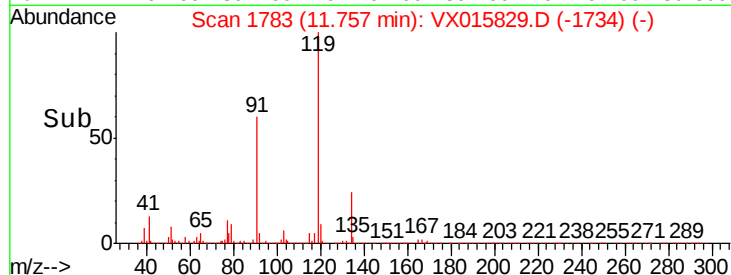
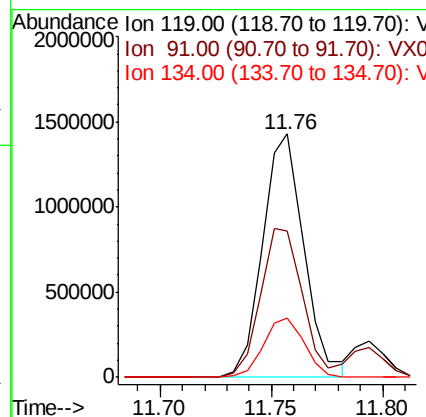
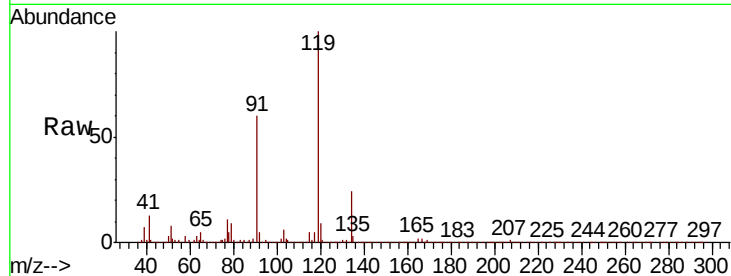




#83
 tert-Butylbenzene
 Concen: 51.142 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

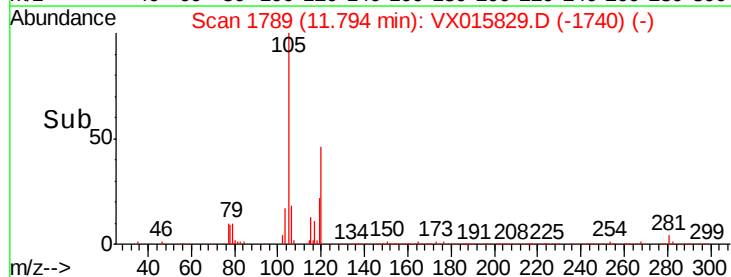
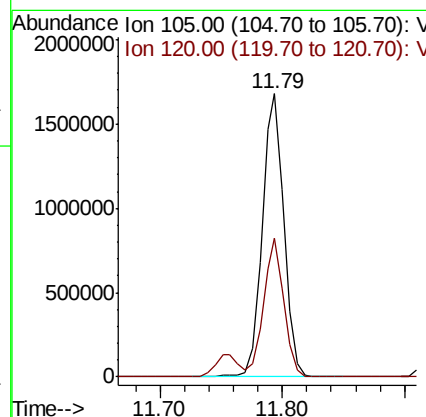
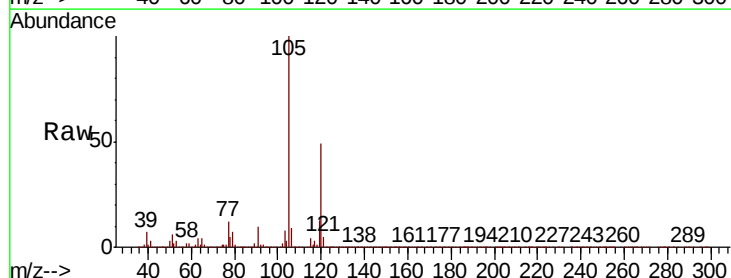
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

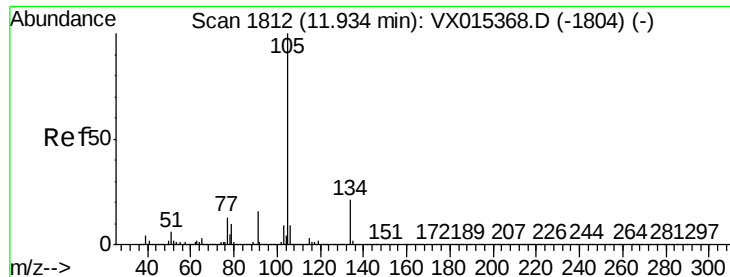
Tot Ion:119 Resp: 1839362
 Ion Ratio Lower Upper
 119 100
 91 61.9 28.6 85.8
 134 24.1 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.131 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion:105 Resp: 2068581
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 56.328 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

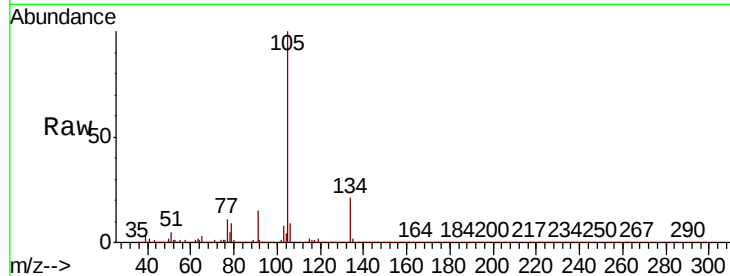
VSTDCCC050EC

Tot Ion:105 Resp: 2342965

Ion Ratio Lower Upper

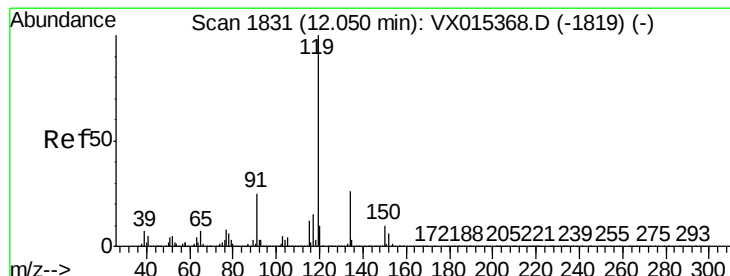
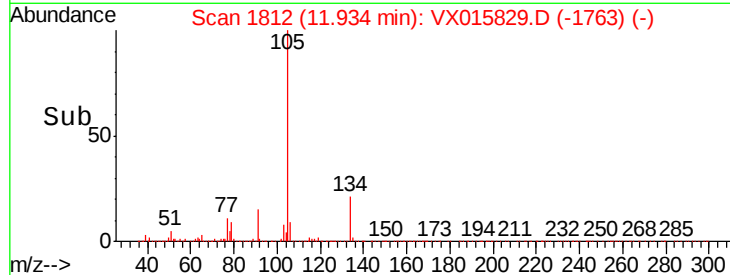
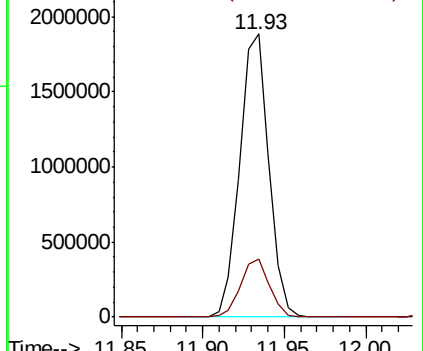
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.446 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

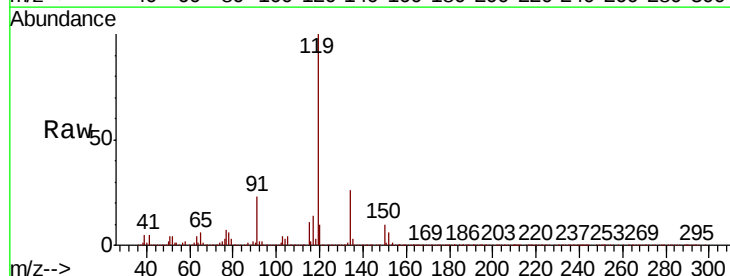
Tgt Ion:119 Resp: 2179676

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

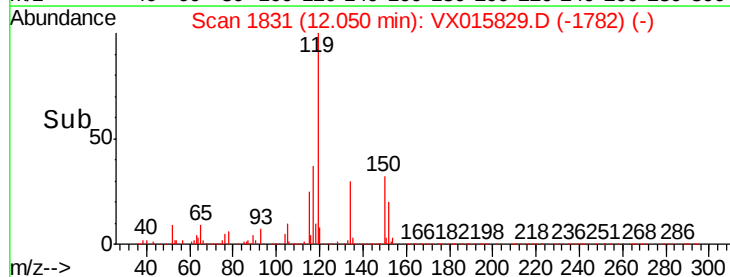
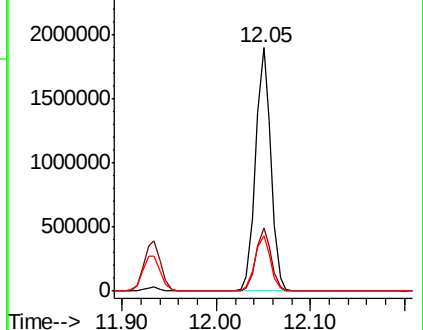
91 23.2 12.4 37.4

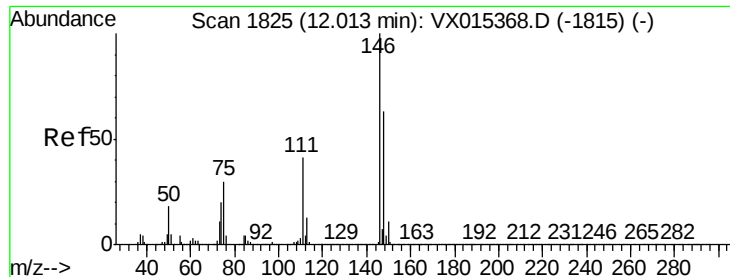


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

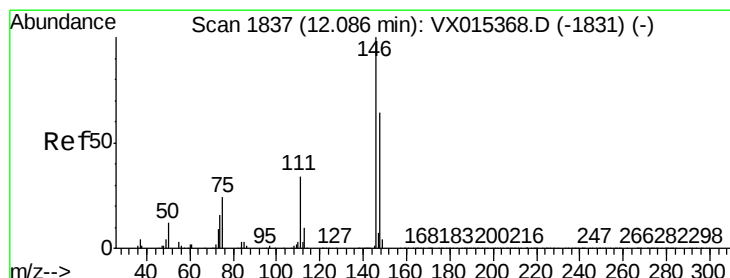
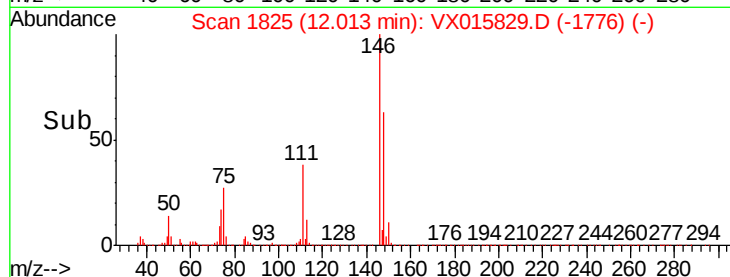
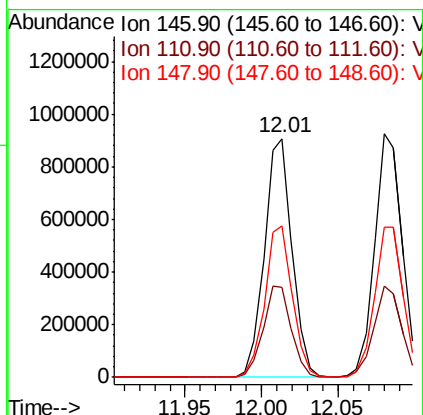
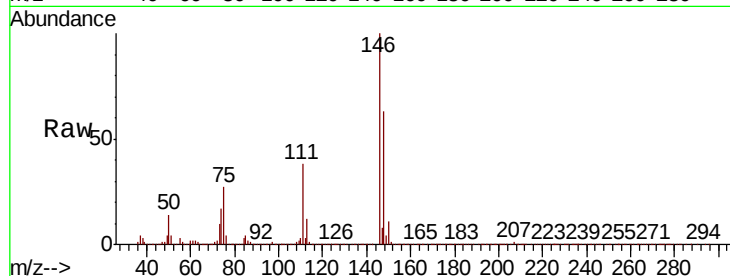




#87
 1,3-Dichlorobenzene
 Concen: 55.622 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

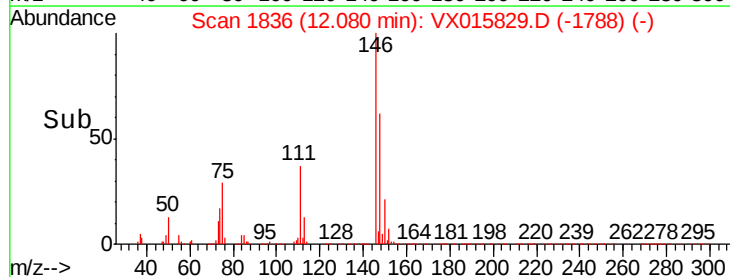
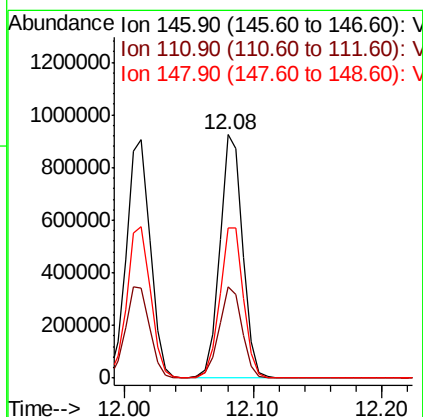
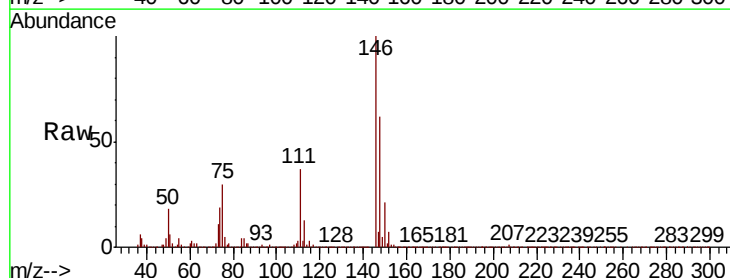
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

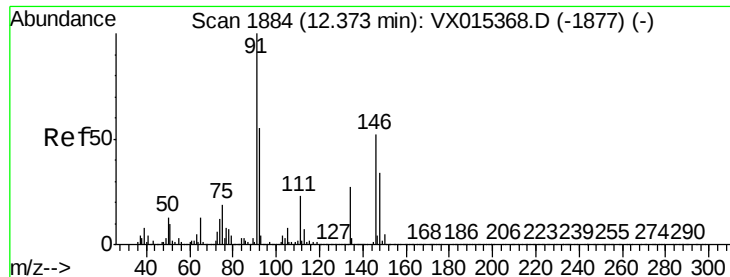
Tot Ion:146 Resp: 1145101
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.3 60.9
 148 63.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 55.047 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion:146 Resp: 1154342
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 64.0 32.4 97.2

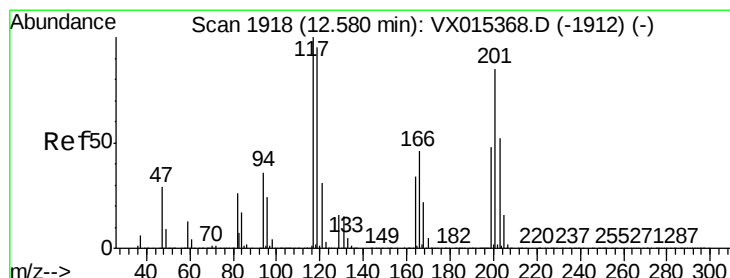
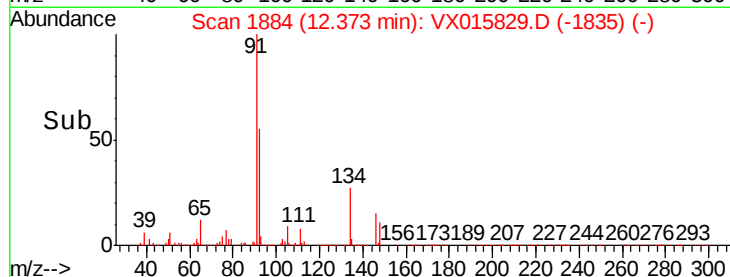
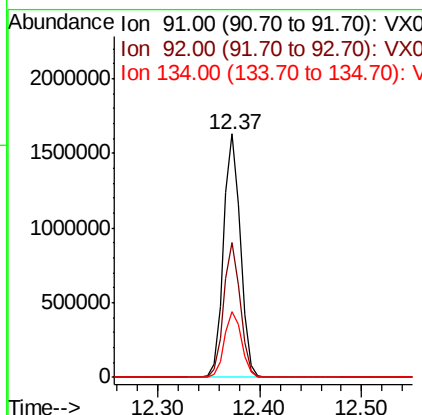
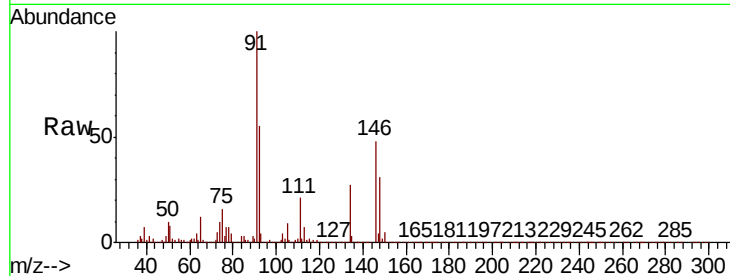




#89
n-Butylbenzene
Concen: 53.786 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

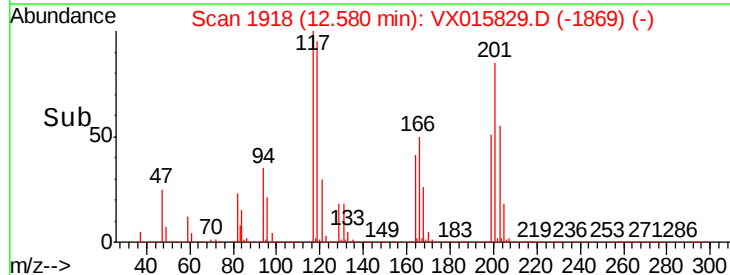
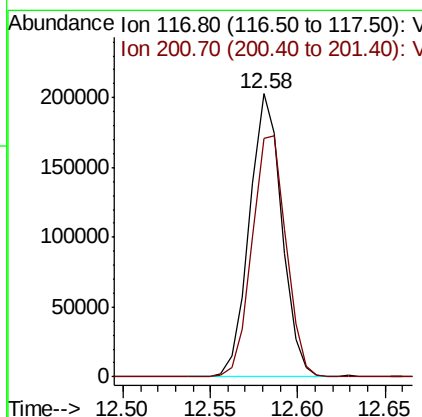
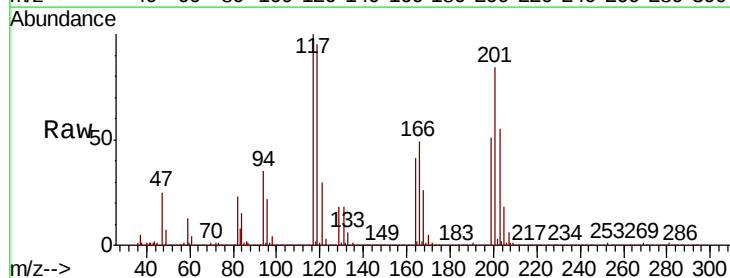
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

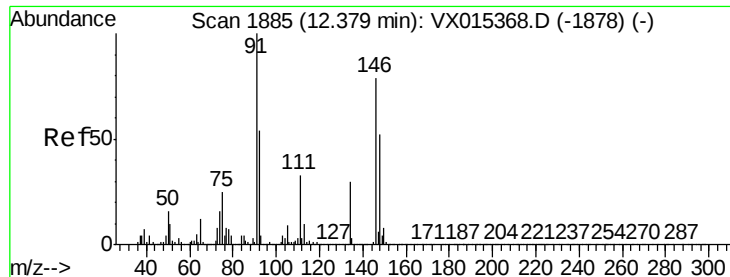
Tot Ion: 91 Resp: 1876894
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 27.5 13.4 40.2



#90
Hexachloroethane
Concen: 34.711 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 117 Resp: 260882
Ion Ratio Lower Upper
117 100
201 89.6 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 55.282 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

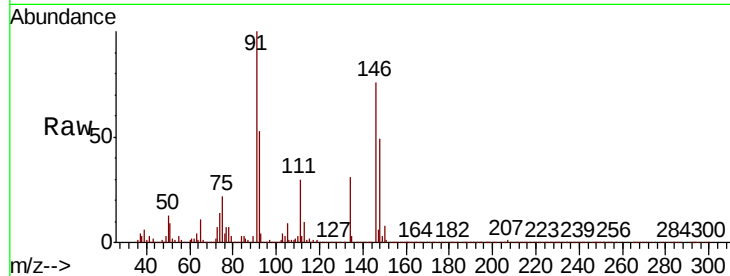
Tot Ion:146 Resp: 1113778

Ion Ratio Lower Upper

146 100

111 40.8 21.0 63.0

148 64.5 32.4 97.0

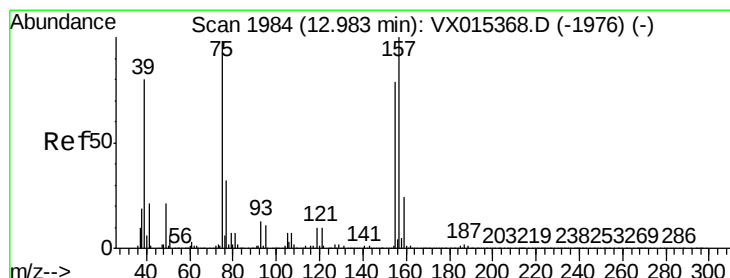
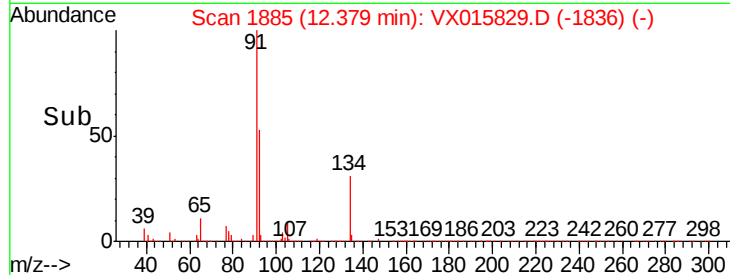
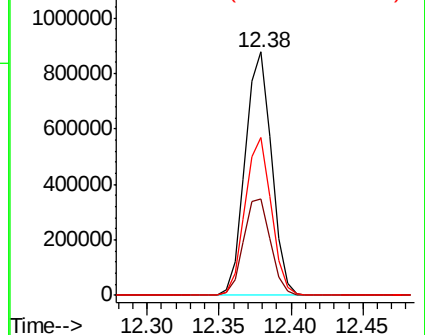


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.636 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

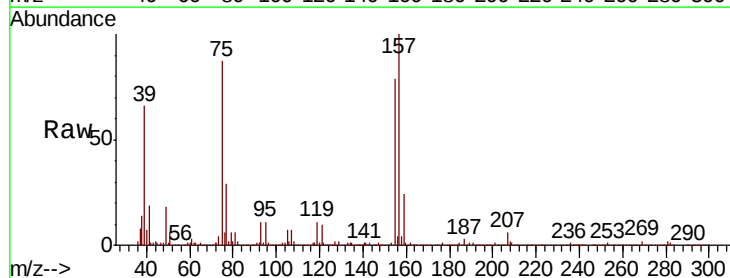
Tgt Ion: 75 Resp: 161322

Ion Ratio Lower Upper

75 100

155 93.9 42.8 128.4

157 122.0 53.4 160.3

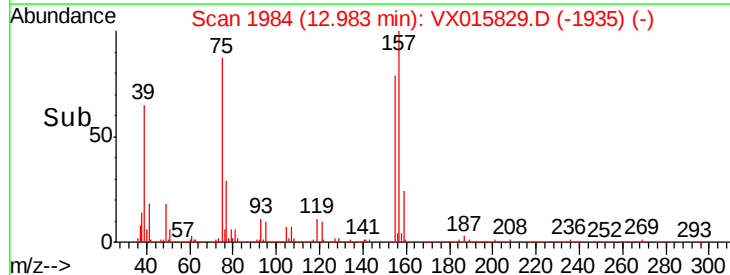
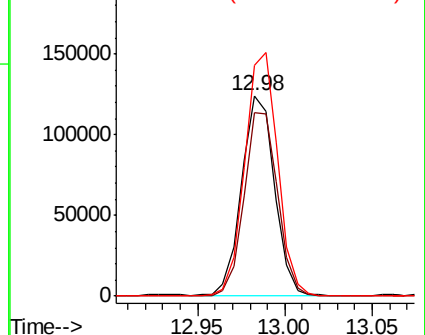


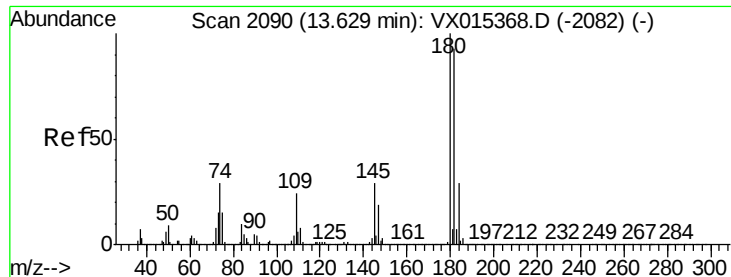
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

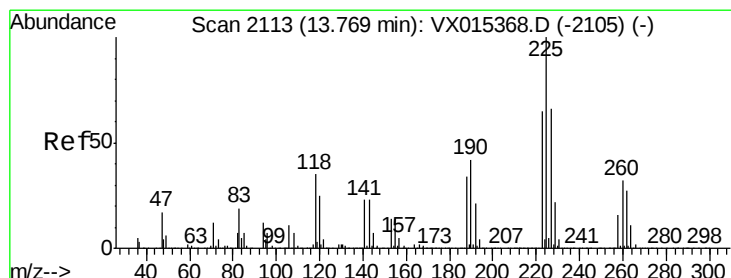
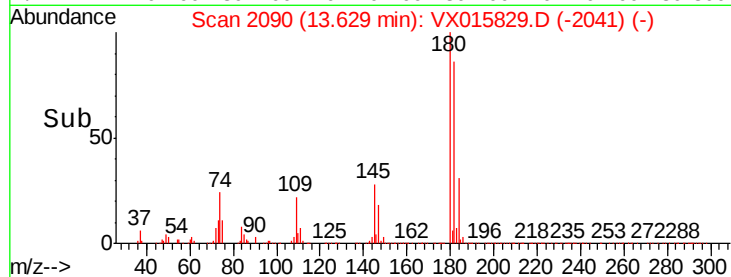
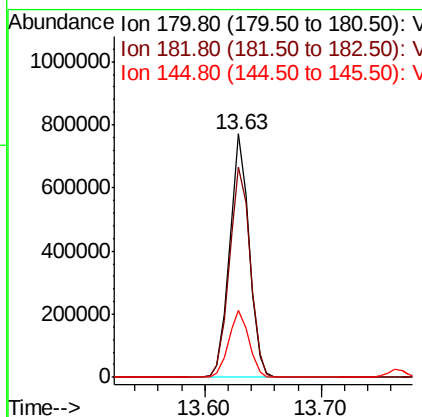
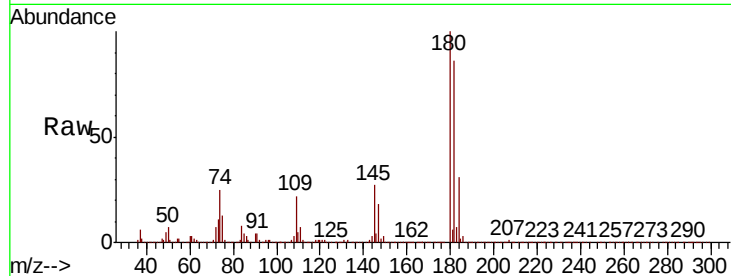




#93
 1,2,4-Trichlorobenzene
 Concen: 56.144 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

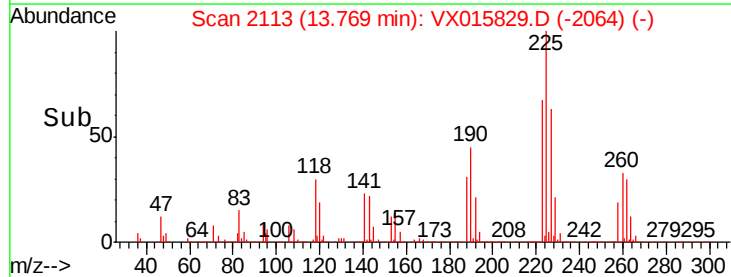
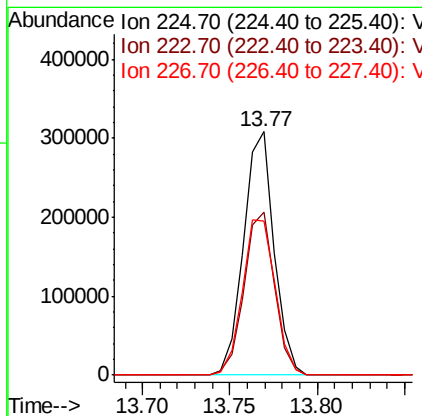
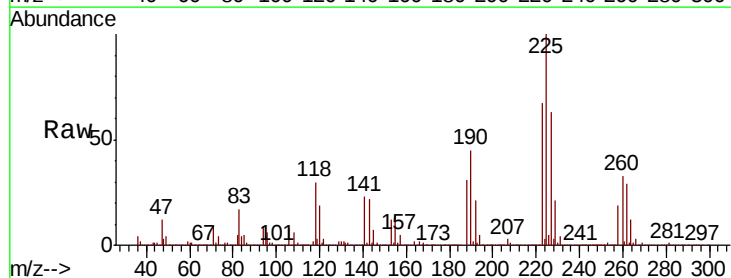
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.9	140.7
145	28.6	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 49.126 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	31.9	95.7
227	69.0	30.4	91.3





#95

Naphthalene

Concen: 54.200 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

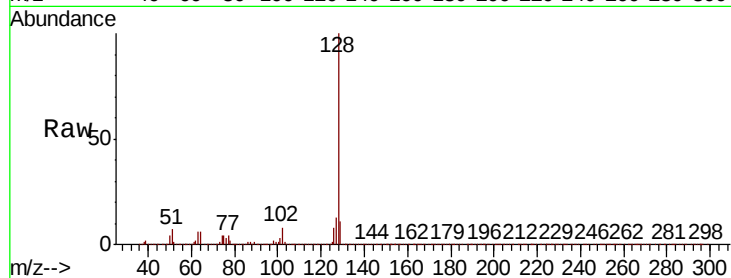
Tot Ion:128 Resp: 2634743

Ion Ratio Lower Upper

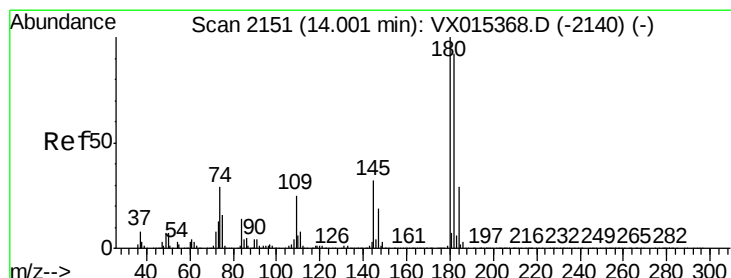
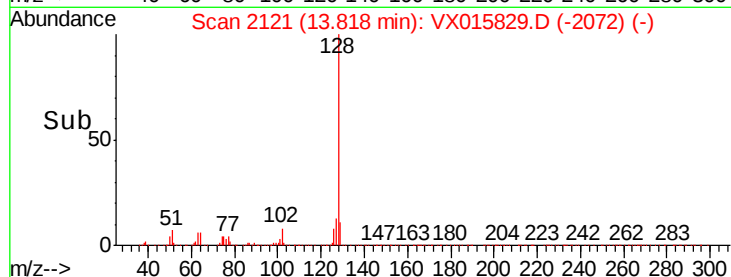
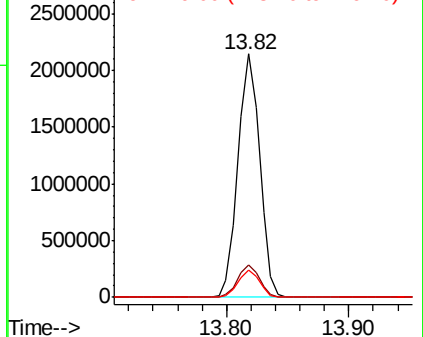
128 100

127 13.3 10.6 15.8

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.306 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

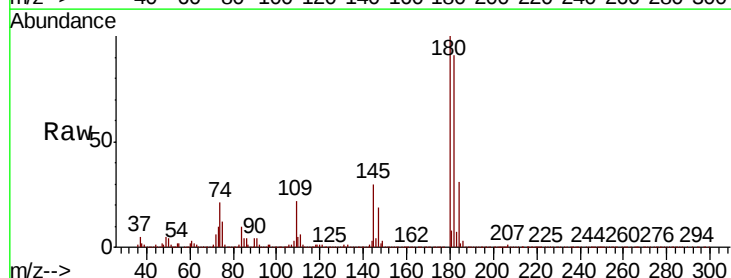
Tgt Ion:180 Resp: 879277

Ion Ratio Lower Upper

180 100

182 92.7 46.7 140.0

145 30.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

