

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010425.D
 Acq On : 25 Jun 2019 09:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:17:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	287145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	415861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130437	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.49	113	129394	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	486163	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	176496	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91560	45.865	ug/l	98
3) Chloromethane	1.32	50	103188	44.390	ug/l	99
4) Vinyl Chloride	1.41	62	114708	45.052	ug/l	99
5) Bromomethane	1.64	94	54572	43.995	ug/l	99
6) Chloroethane	1.71	64	71509	47.604	ug/l	97
7) Trichlorofluoromethane	1.92	101	193750	48.003	ug/l	97
8) Diethyl Ether	2.18	74	71380	49.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117272	47.945	ug/l	100
10) Methyl Iodide	2.51	142	149197	42.741	ug/l	98
11) Tert butyl alcohol	3.05	59	150849	214.128	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113786	45.717	ug/l	99
13) Acrolein	2.29	56	114901	245.865	ug/l	100
14) Allyl chloride	2.73	41	170129	48.147	ug/l	99
15) Acrylonitrile	3.14	53	331424	237.616	ug/l	100
16) Acetone	2.44	43	345591	256.129	ug/l	100
17) Carbon Disulfide	2.57	76	299859	44.907	ug/l	100
18) Methyl Acetate	2.77	43	126731	47.126	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	377839	48.256	ug/l	98
20) Methylene Chloride	2.85	84	131545	47.374	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	125317	46.815	ug/l	98
22) Diisopropyl ether	3.85	45	355664	48.142	ug/l	89
23) Vinyl Acetate	3.81	43	1596098	250.083	ug/l	100
24) 1,1-Dichloroethane	3.70	63	202919	47.517	ug/l	99
25) 2-Butanone	4.67	43	493400	249.289	ug/l	99
26) 2,2-Dichloropropane	4.58	77	182531	49.204	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	147605	47.717	ug/l	99
28) Bromochloromethane	5.01	49	94485	46.276	ug/l	98
29) Tetrahydrofuran	5.12	42	288261	235.133	ug/l	100
30) Chloroform	5.21	83	220615	48.015	ug/l	98
31) Cyclohexane	5.57	56	184732	47.503	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	198314	48.880	ug/l	99
36) 1,1-Dichloropropene	5.79	75	160874	48.681	ug/l	100
37) Ethyl Acetate	4.83	43	170095	50.032	ug/l	100
38) Carbon Tetrachloride	5.78	117	178870	49.985	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215863	49.694	ug/l	96
40) Benzene	6.14	78	511017	49.635	ug/l	100
41) Methacrylonitrile	5.04	41	92667	49.678	ug/l	99
42) 1,2-Dichloroethane	6.19	62	158361	50.530	ug/l	100
43) Isopropyl Acetate	6.44	43	280964	49.951	ug/l	99
44) Trichloroethene	7.21	130	152944	49.646	ug/l	100
45) 1,2-Dichloropropane	7.51	63	128549	49.443	ug/l	97
46) Dibromomethane	7.66	93	91427	49.013	ug/l	99
47) Bromodichloromethane	7.89	83	172305	50.403	ug/l	98
48) Methyl methacrylate	7.77	41	132880	50.825	ug/l	100
49) 1,4-Dioxane	7.74	88	70953	942.072	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	897626	249.523	ug/l	99
52) Toluene	8.78	92	333259	49.153	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193282	50.430	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213650	51.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140558	50.267	ug/l	98
56) Ethyl methacrylate	9.18	69	211842	50.011	ug/l	99
57) 1,3-Dichloropropane	9.37	76	215286	49.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	532864	264.876	ug/l	100
59) 2-Hexanone	9.49	43	709369	250.549	ug/l	99
60) Dibromochloromethane	9.58	129	158402	50.594	ug/l	97
61) 1,2-Dibromoethane	9.67	107	151278	50.122	ug/l	99
64) Tetrachloroethene	9.34	164	148464	48.340	ug/l	98
65) Chlorobenzene	10.13	112	383463	49.742	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	142418	50.718	ug/l	99
67) Ethyl Benzene	10.25	91	651634	50.070	ug/l	99
68) m/p-Xylenes	10.35	106	509730	101.081	ug/l	99
69) o-Xylene	10.69	106	247028	49.813	ug/l	99
70) Styrene	10.71	104	424223	51.009	ug/l	100
71) Bromoform	10.85	173	128007	52.420	ug/l #	99
73) Isopropylbenzene	11.02	105	668294	50.035	ug/l	99
74) N-amyl acetate	10.90	43	252781	50.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211081	47.720	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	244870	68.200	ug/l	79
77) Bromobenzene	11.25	156	181708	48.722	ug/l	100
78) n-propylbenzene	11.36	91	750881	51.152	ug/l	99
79) 2-Chlorotoluene	11.42	91	431480	49.362	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551322	50.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75822	49.265	ug/l	98
82) 4-Chlorotoluene	11.51	91	501293	50.399	ug/l	99
83) tert-Butylbenzene	11.77	119	557383	50.436	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	559001	50.532	ug/l	99
85) sec-Butylbenzene	11.94	105	657012	50.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	618929	51.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322414	49.525	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320197	48.313	ug/l	100
89) n-Butylbenzene	12.38	91	539097	52.858	ug/l	100
90) Hexachloroethane	12.59	117	108337	52.202	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	311903	48.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44056	46.195	ug/l	97

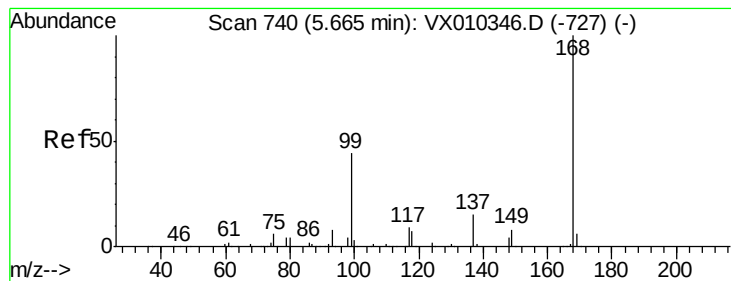
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229033	51.044	ug/l	100
94) Hexachlorobutadiene	13.78	225	111304	50.755	ug/l	99
95) Naphthalene	13.83	128	691348	50.138	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	226634	50.801	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

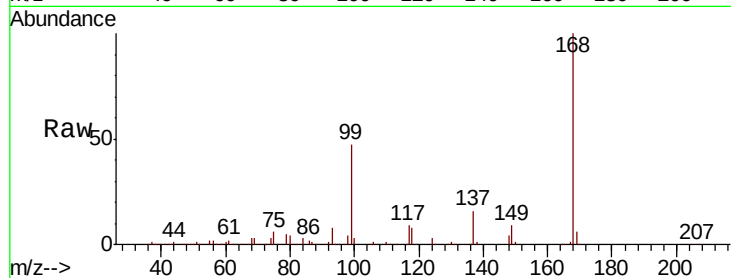
VSTDCCC050

Tot Ion:168 Resp: 287145

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

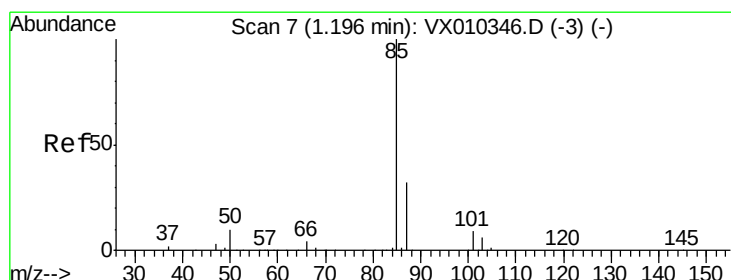
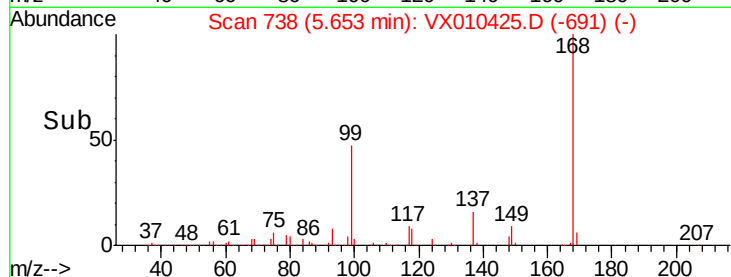
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.865 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010425.D

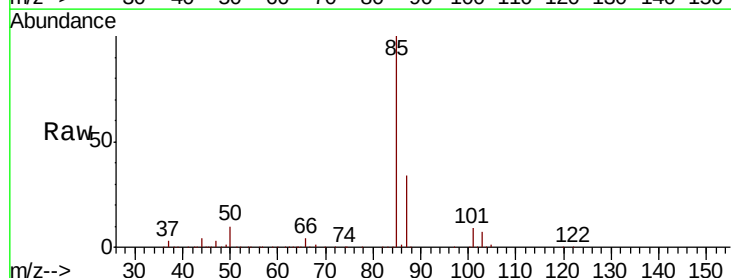
Acq: 25 Jun 2019 09:16

Tgt Ion: 85 Resp: 91560

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

40000

20000

0

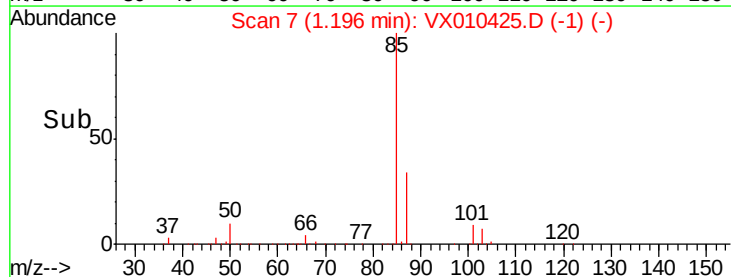
1.15

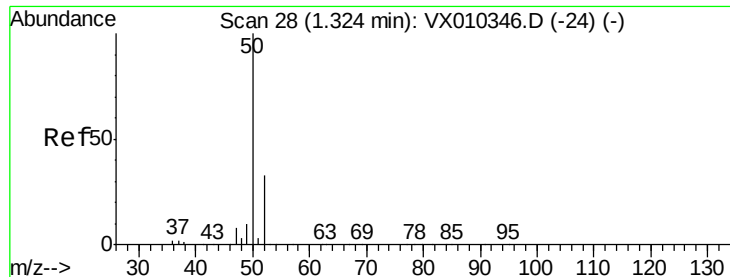
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.390 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

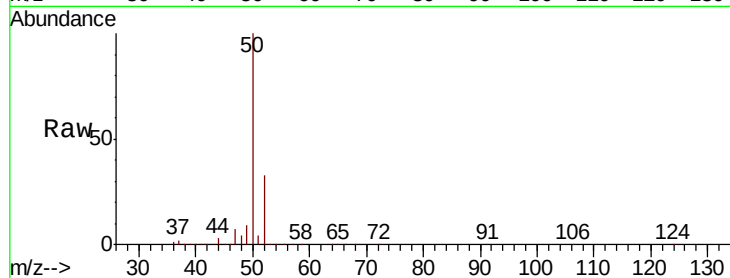
VSTDCCC050

Tot Ion: 50 Resp: 103188

Ion Ratio Lower Upper

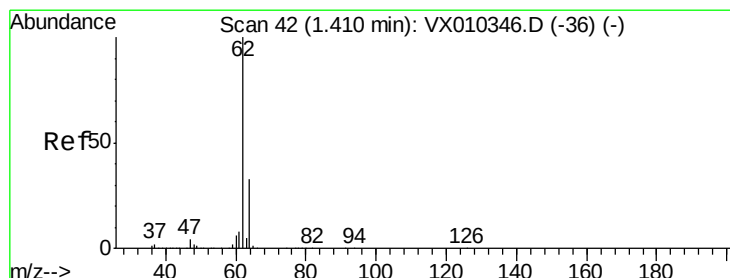
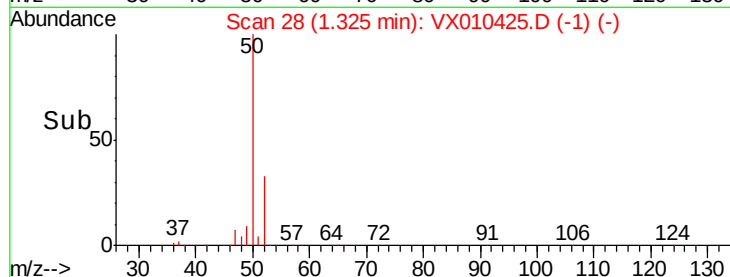
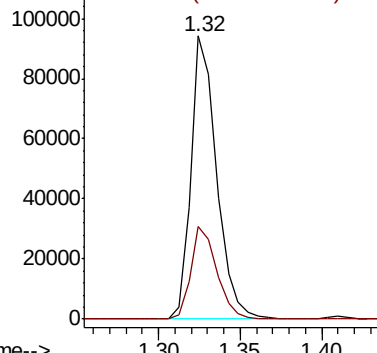
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.052 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010425.D

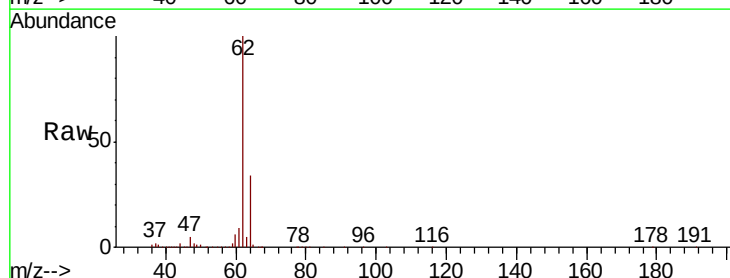
Acq: 25 Jun 2019 09:16

Tgt Ion: 62 Resp: 114708

Ion Ratio Lower Upper

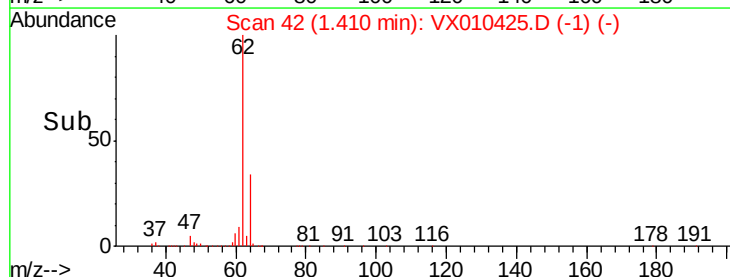
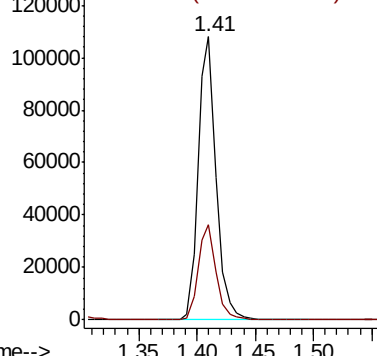
62 100

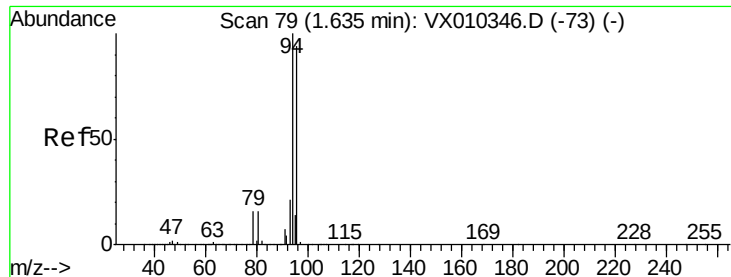
64 33.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.995 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

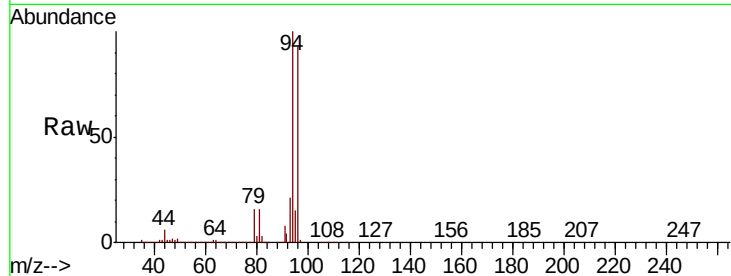
VSTDCCC050

Tot Ion: 94 Resp: 54572

Ion Ratio Lower Upper

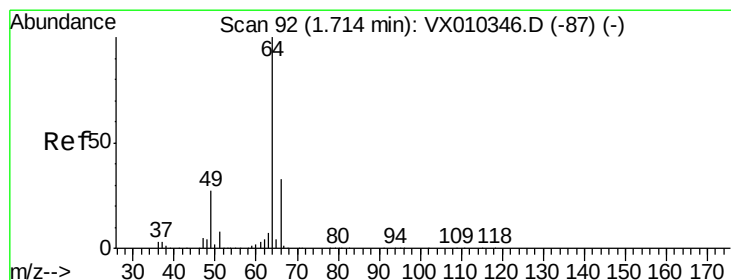
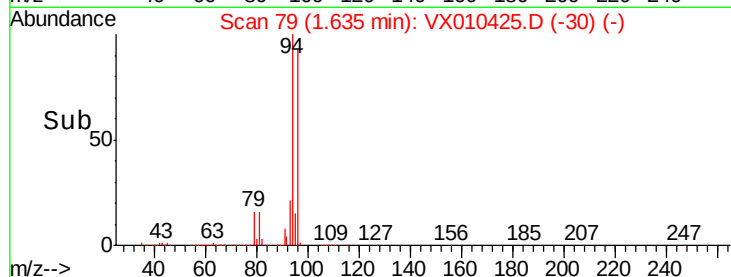
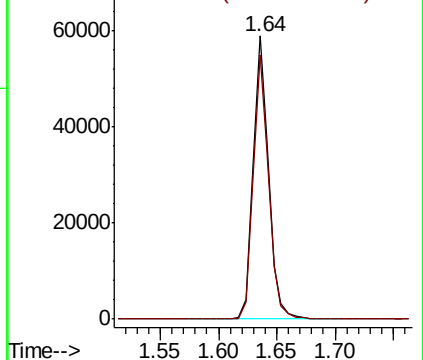
94 100

96 93.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.604 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010425.D

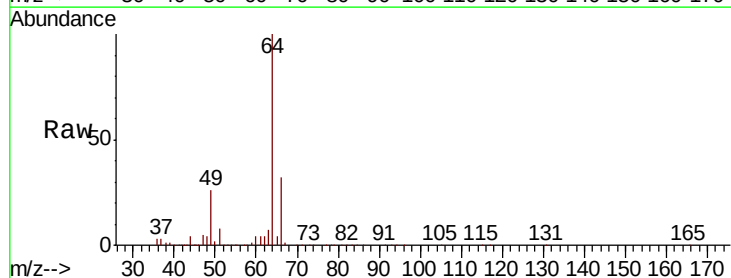
Acq: 25 Jun 2019 09:16

Tgt Ion: 64 Resp: 71509

Ion Ratio Lower Upper

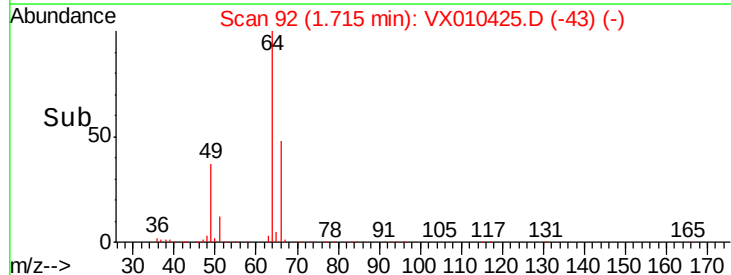
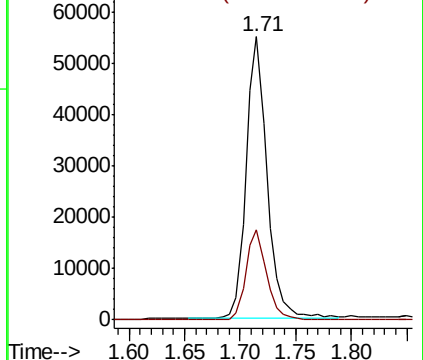
64 100

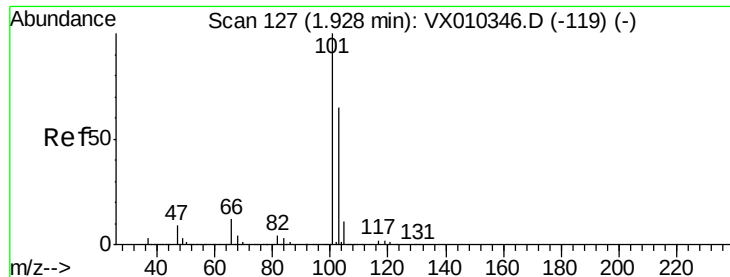
66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



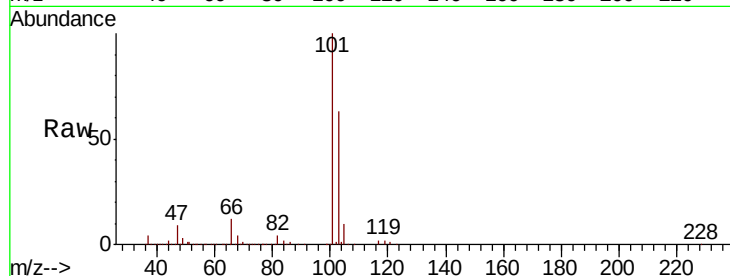


#7

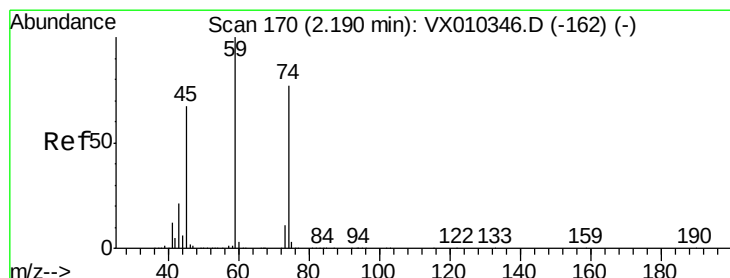
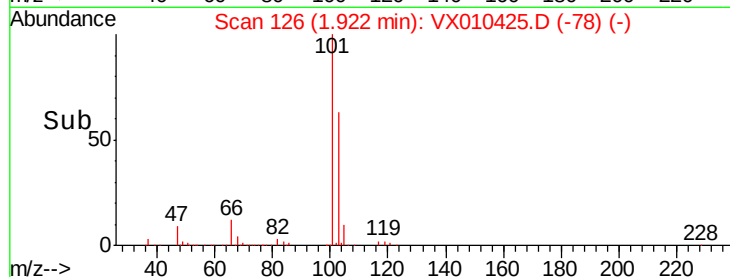
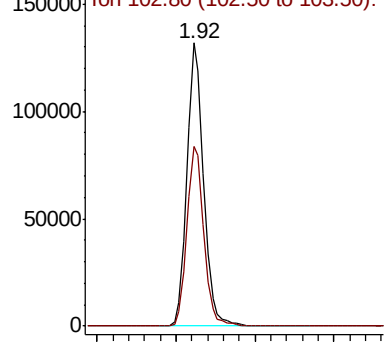
Trichlorofluoromethane
Concen: 48.003 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 193750
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5



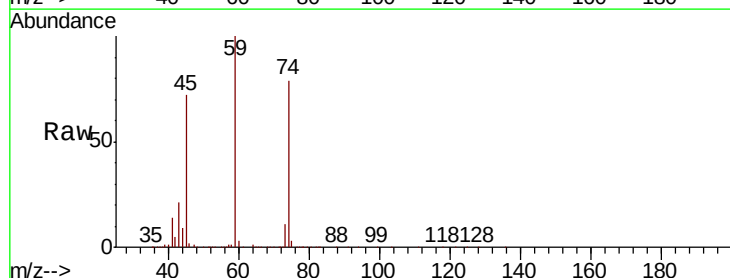
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



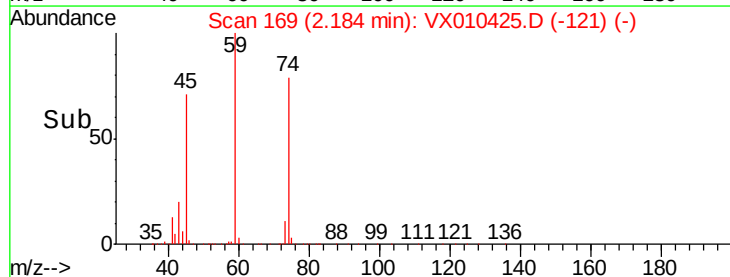
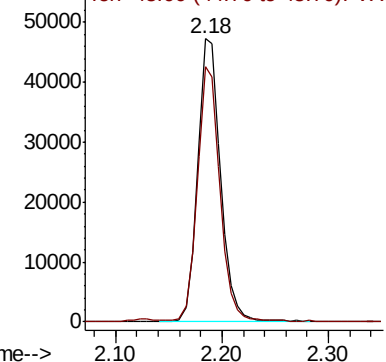
#8

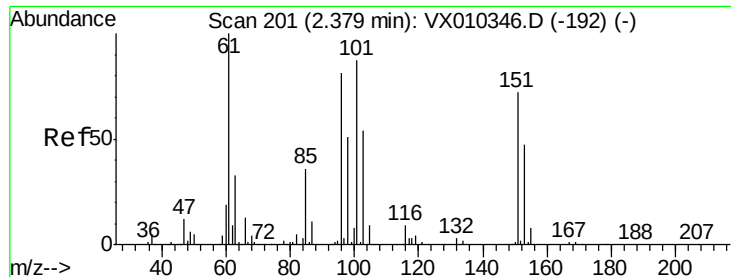
Diethyl Ether
Concen: 49.315 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 74 Resp: 71380
Ion Ratio Lower Upper
74 100
45 87.6 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.945 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

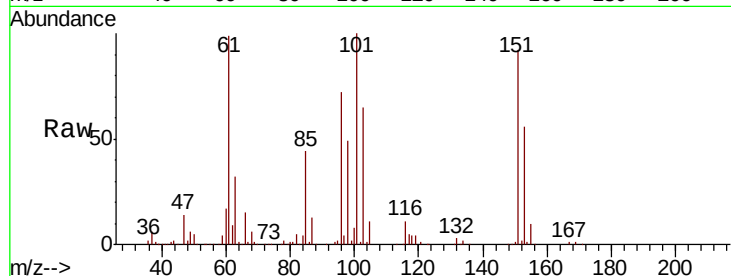
Tot Ion:101 Resp: 117272

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

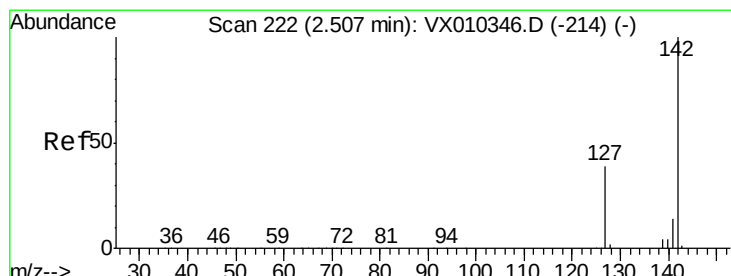
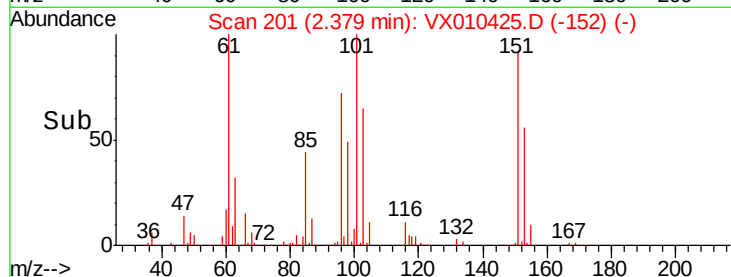
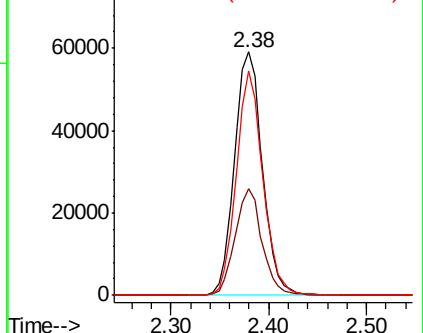
151 87.6 70.1 105.1



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: 42.741 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

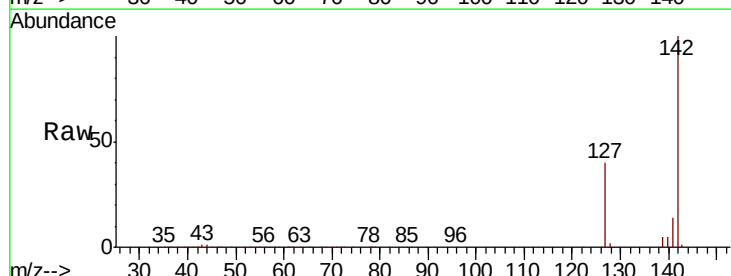
Tgt Ion:142 Resp: 149197

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

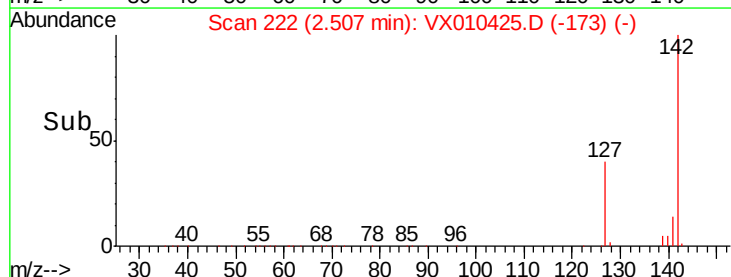
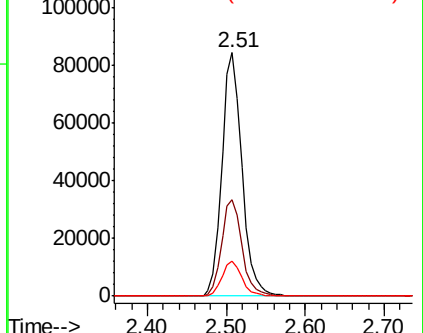
141 14.3 11.2 16.8

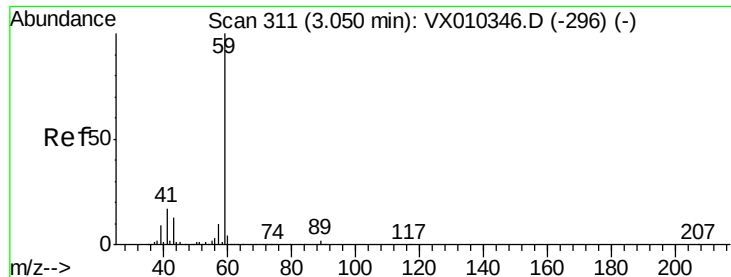


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

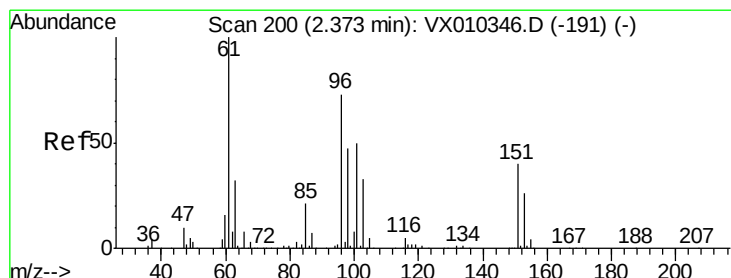
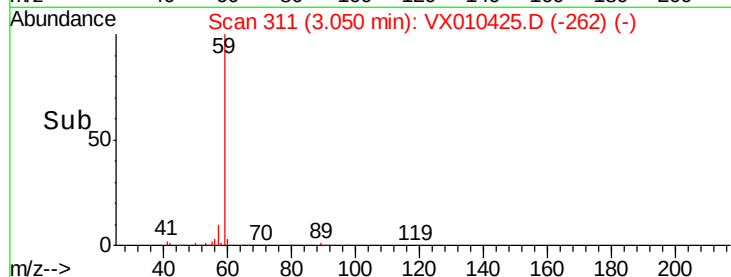
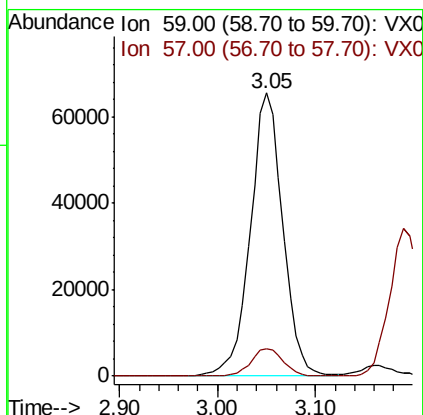
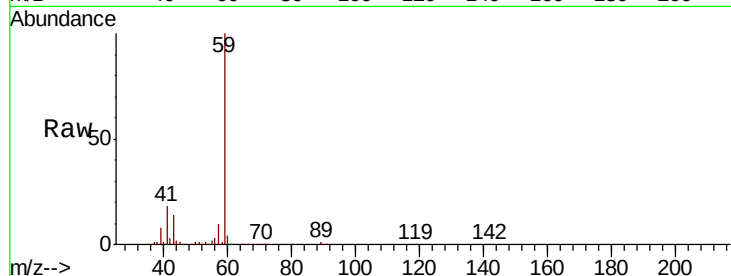




#11
Tert butyl alcohol
Concen: 214.128 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

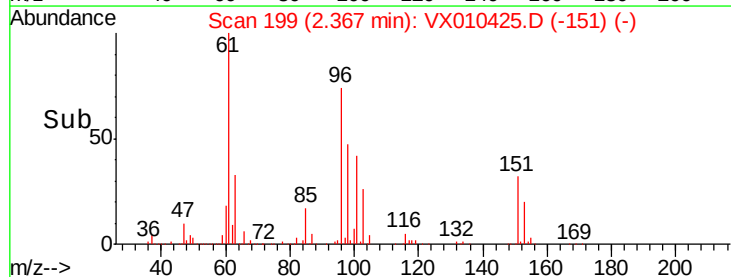
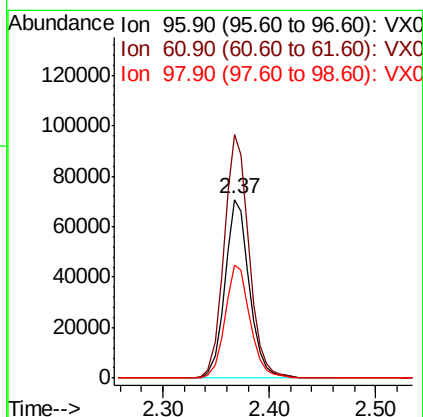
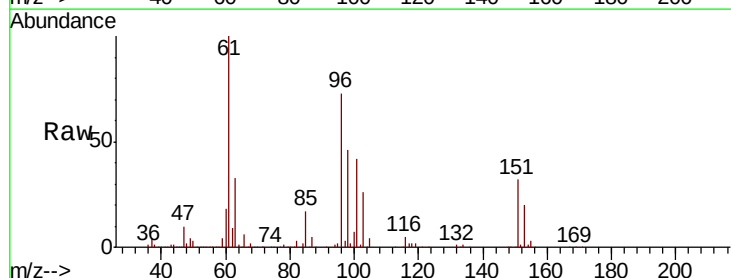
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

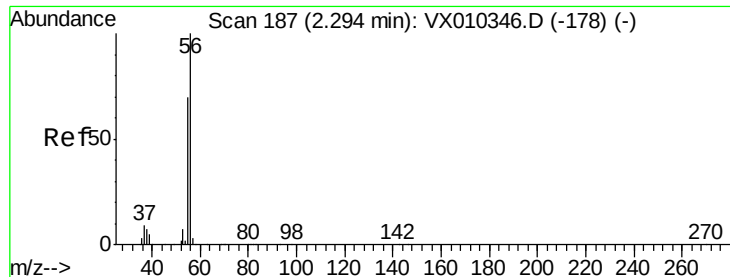
Tot Ion: 59 Resp: 150849
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 45.717 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 96 Resp: 113786
Ion Ratio Lower Upper
96 100
61 136.0 109.2 163.8
98 63.3 51.1 76.7





#13

Acrolein

Concen: 245.865 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

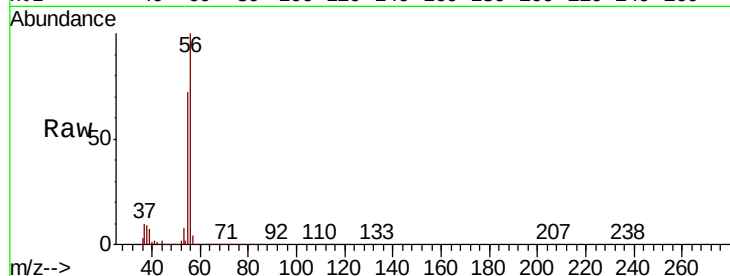
VSTDCCC050

Tot Ion: 56 Resp: 114901

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

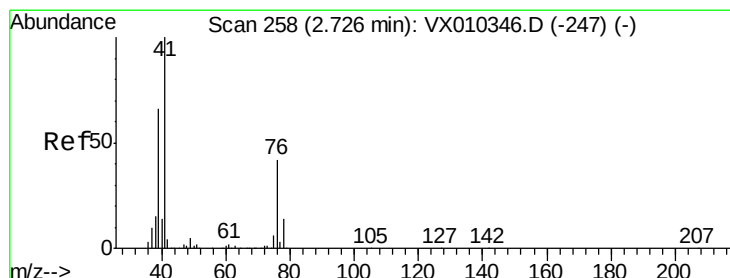
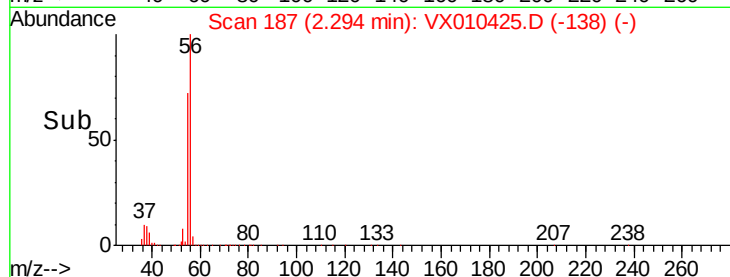
60000

40000

20000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 48.147 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

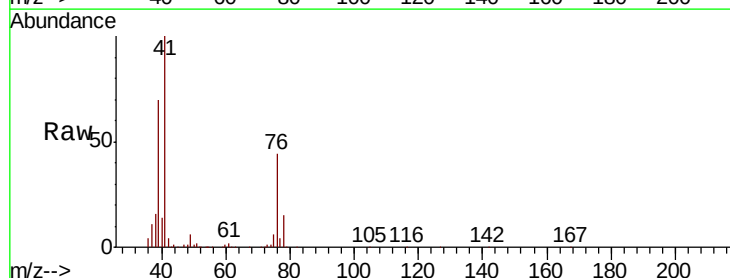
Tgt Ion: 41 Resp: 170129

Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5

76 39.4 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

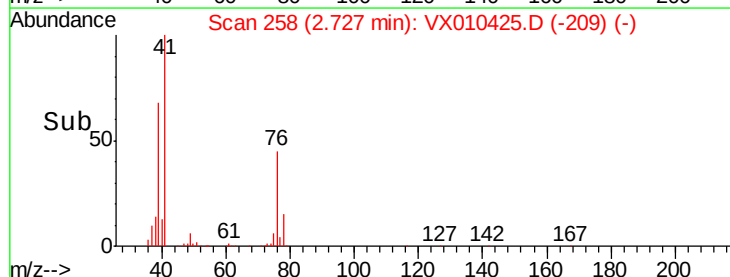
150000

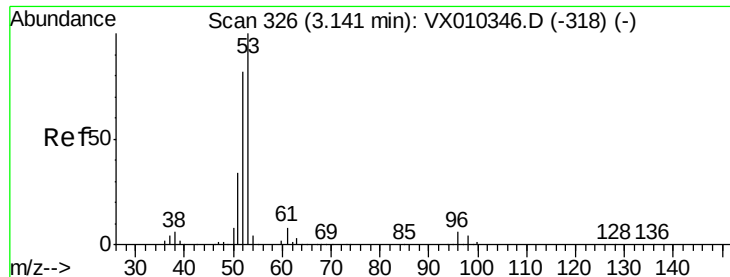
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 237.616 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

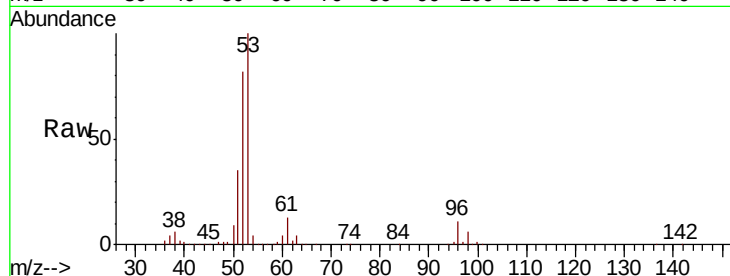
Tot Ion: 53 Resp: 331424

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

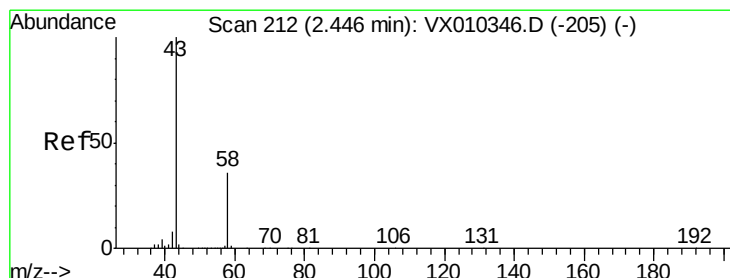
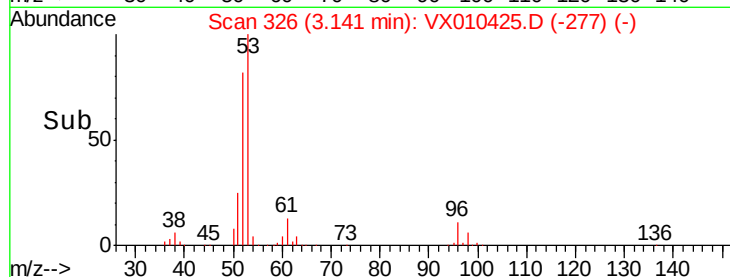
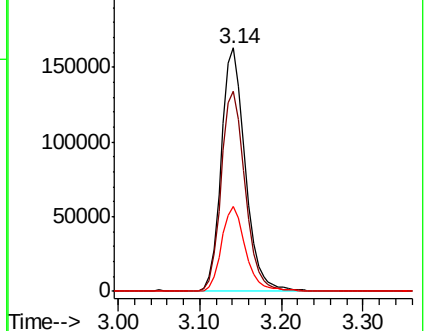
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 256.129 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010425.D

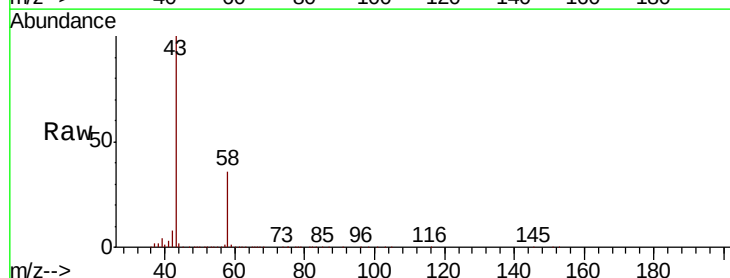
Acq: 25 Jun 2019 09:16

Tgt Ion: 43 Resp: 345591

Ion Ratio Lower Upper

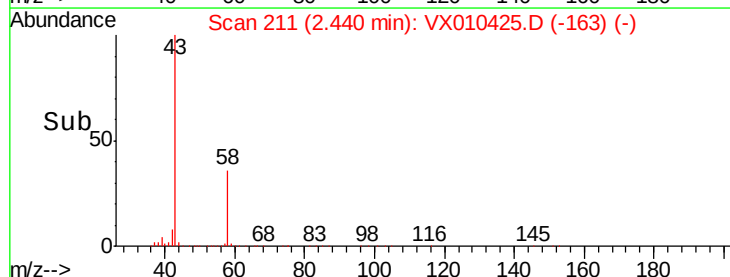
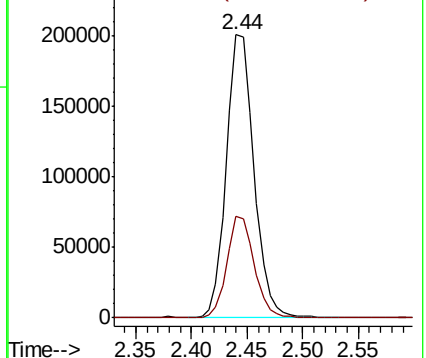
43 100

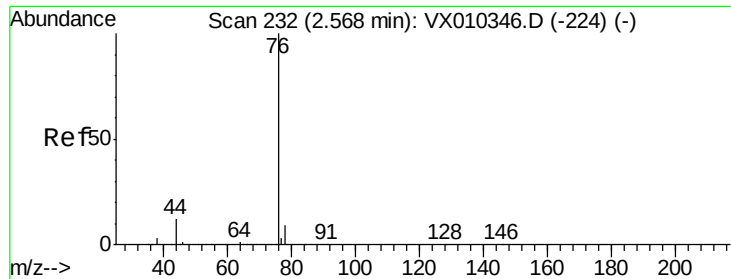
58 36.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

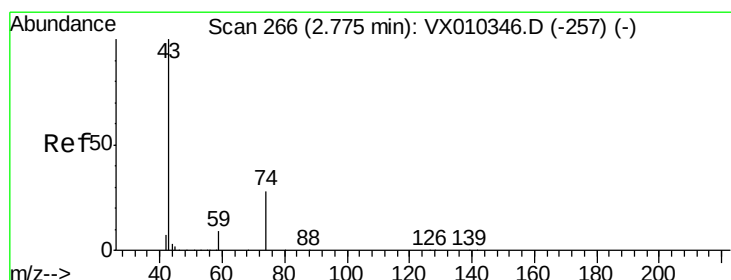
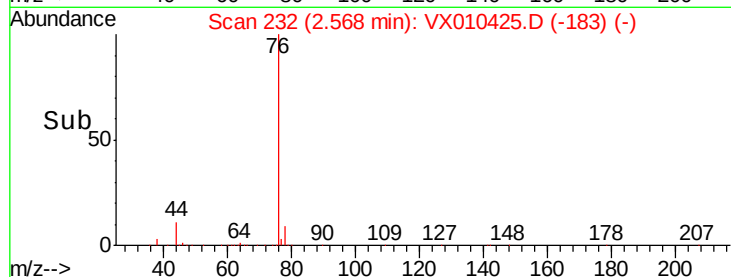
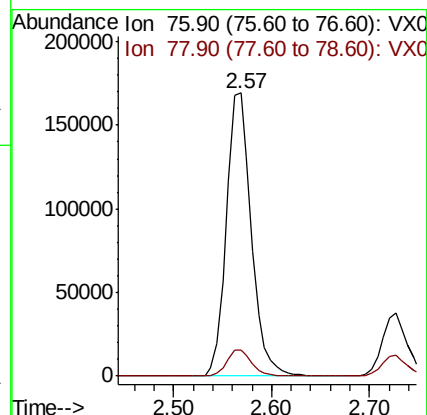
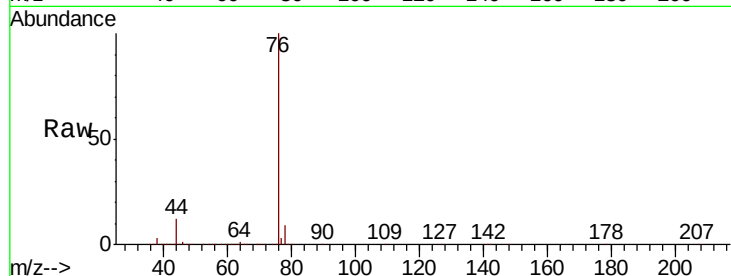




#17
Carbon Disulfide
Concen: 44.907 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

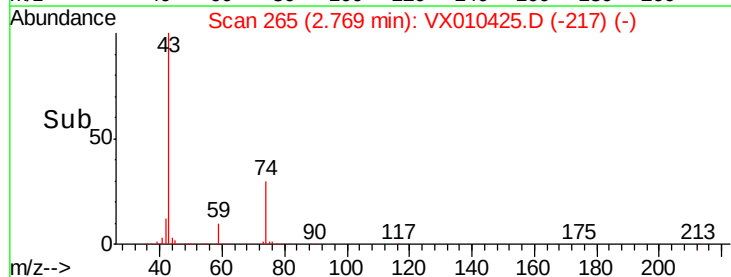
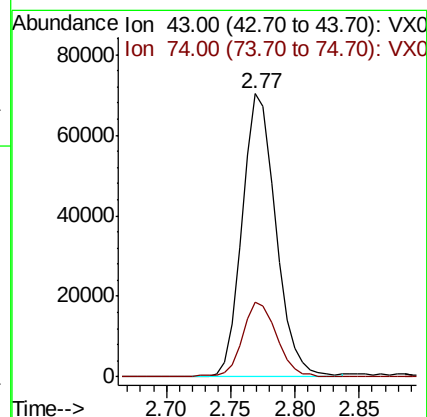
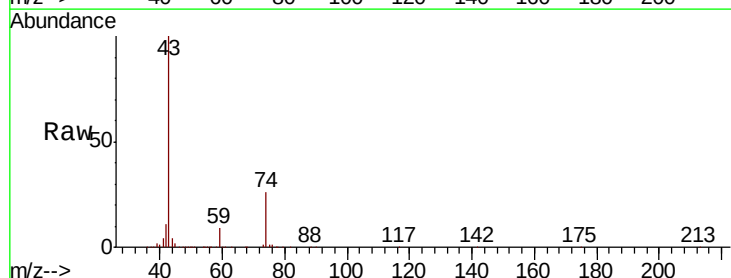
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

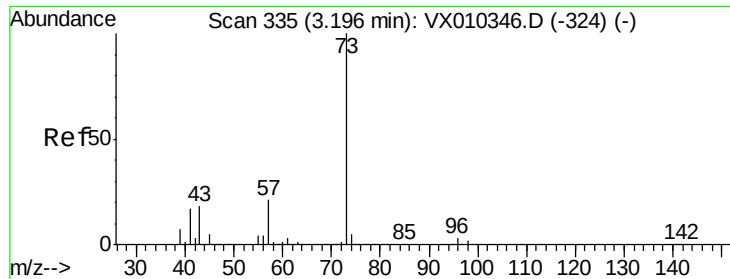
Tot Ion: 76 Resp: 299859
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 47.126 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 43 Resp: 126731
Ion Ratio Lower Upper
43 100
74 27.4 21.3 31.9

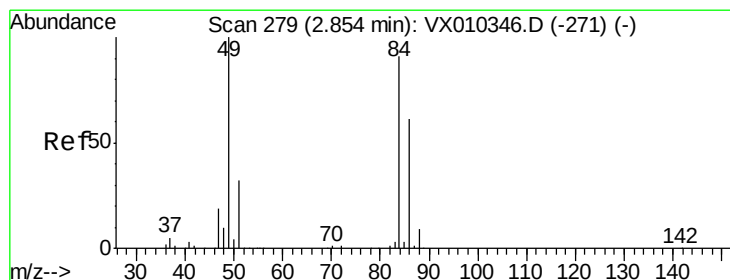
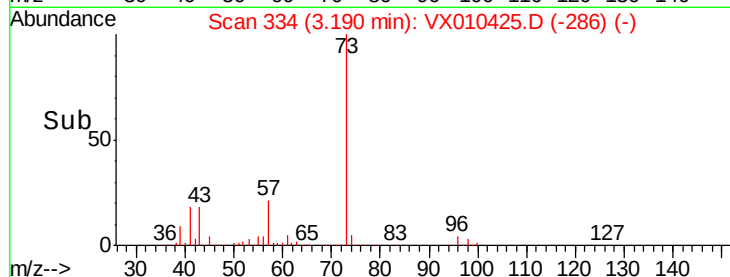
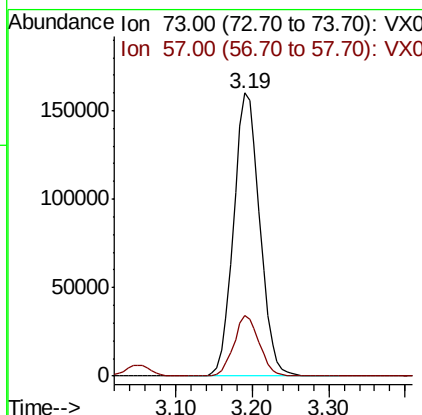
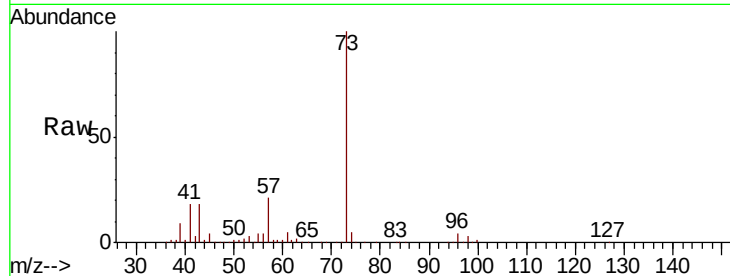




#19
Methyl tert-butyl Ether
Concen: 48.256 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

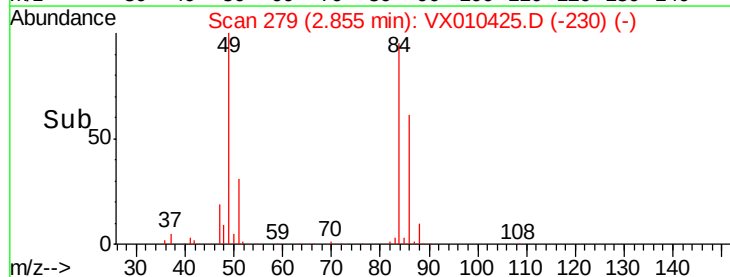
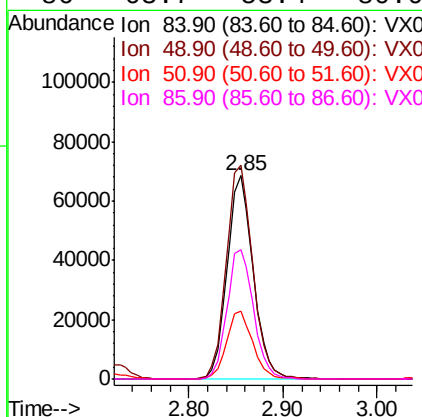
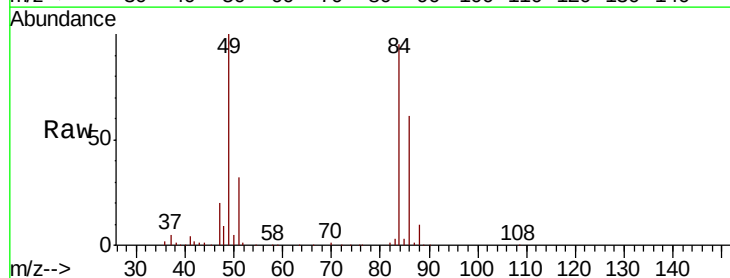
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

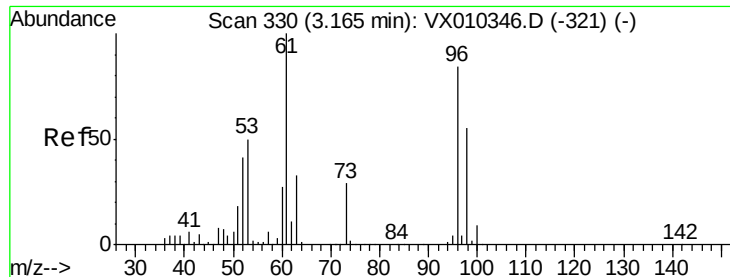
Tot Ion: 73 Resp: 377839
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 47.374 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 84 Resp: 131545
Ion Ratio Lower Upper
84 100
49 105.1 87.5 131.3
51 33.0 27.7 41.5
86 63.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.815 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

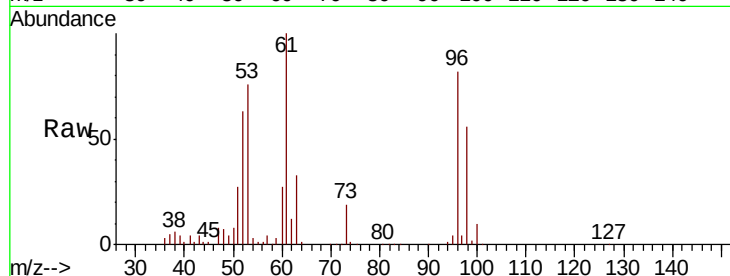
Tot Ion: 96 Resp: 125317

Ion Ratio Lower Upper

96 100

61 121.3 95.6 143.4

98 67.5 52.5 78.7

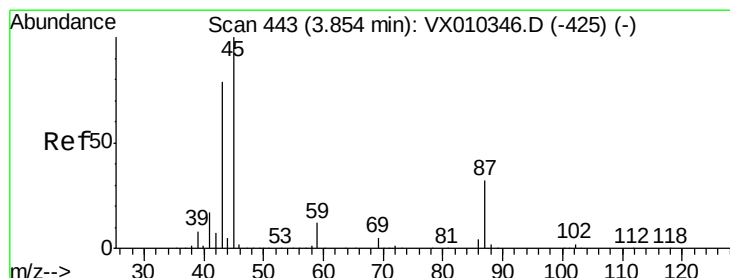
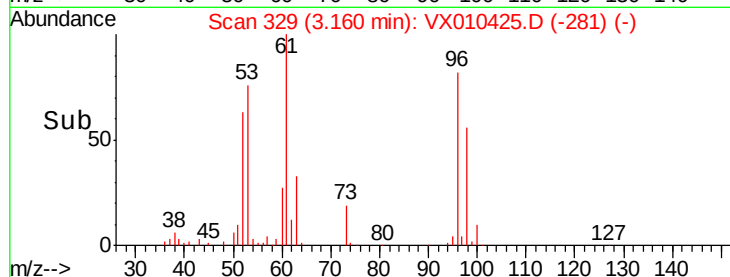
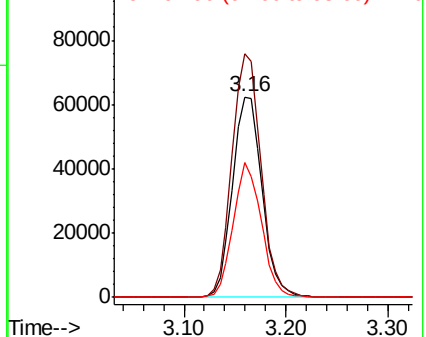


Abundance

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: 48.142 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion: 45 Resp: 355664

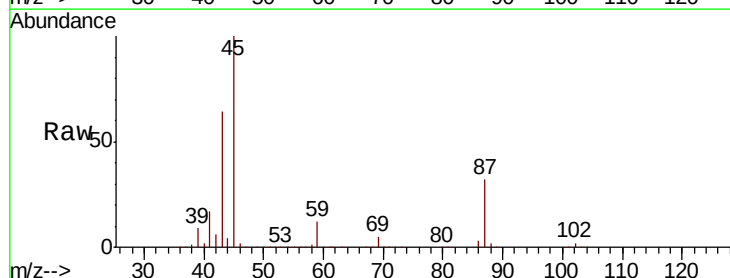
Ion Ratio Lower Upper

45 100

43 64.2 63.3 94.9

87 32.0 25.8 38.8

59 12.3 9.6 14.4



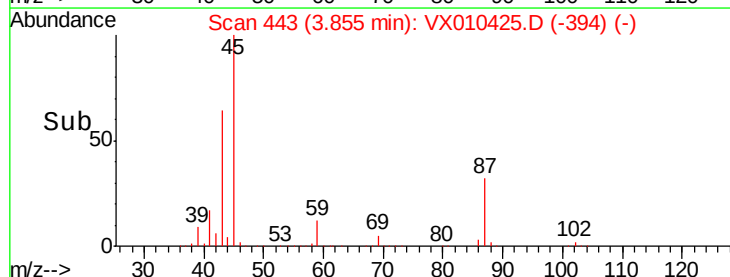
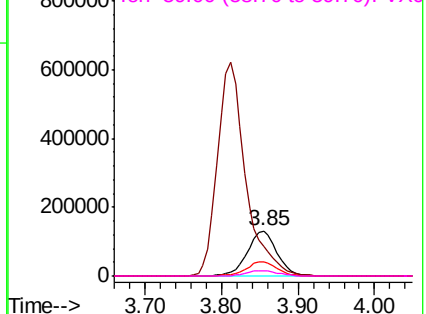
Abundance

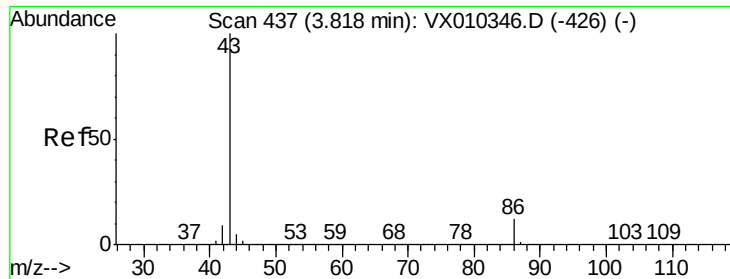
Ion 45.00 (44.70 to 45.70): VX0

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: 250.083 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

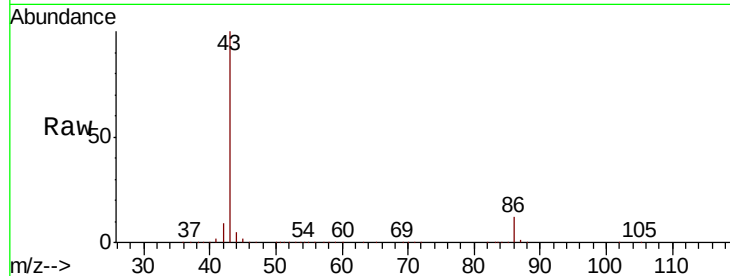
VSTDCCC050

Tot Ion: 43 Resp: 1596098

Ion Ratio Lower Upper

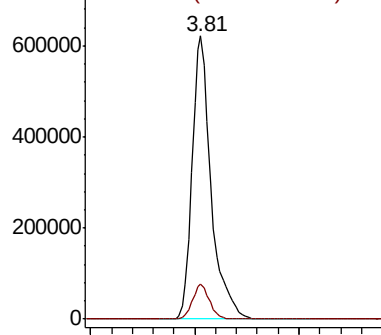
43 100

86 12.4 9.9 14.9

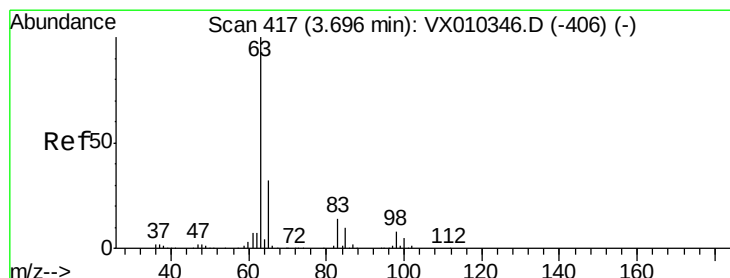
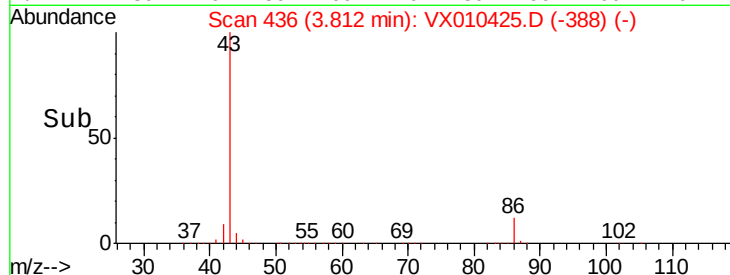


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.517 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

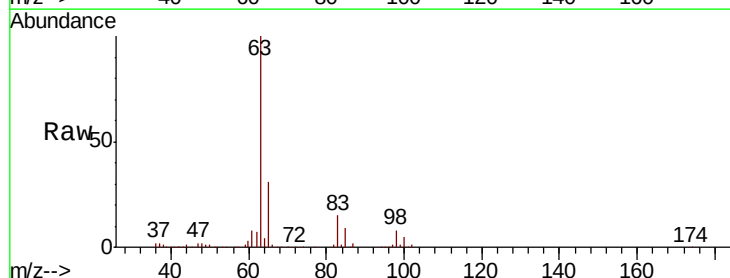
Tgt Ion: 63 Resp: 202919

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

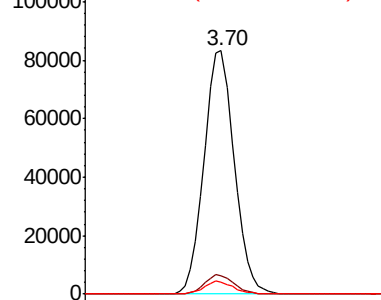
100 4.9 2.4 7.1



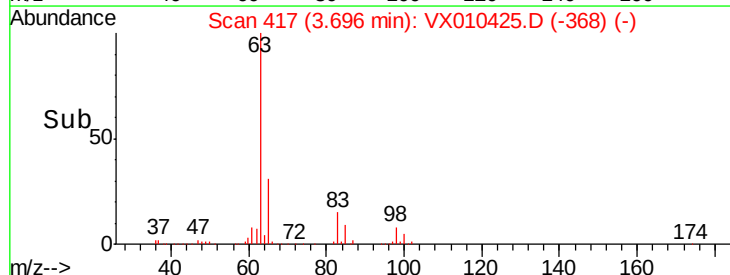
Abundance Ion 62.90 (62.60 to 63.60): VX0

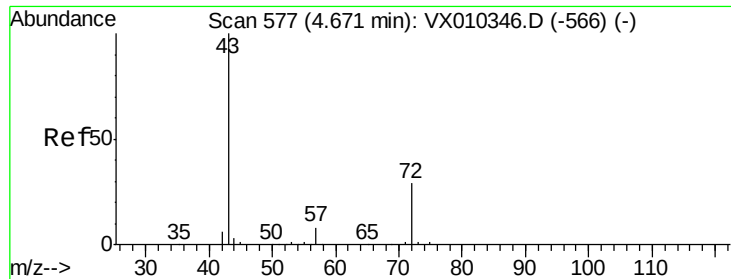
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 249.289 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

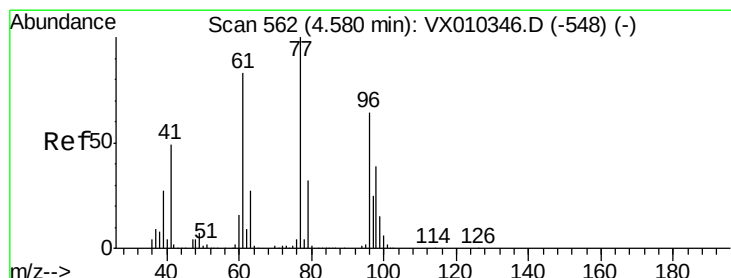
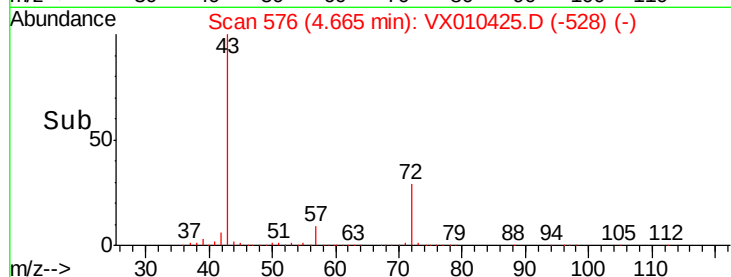
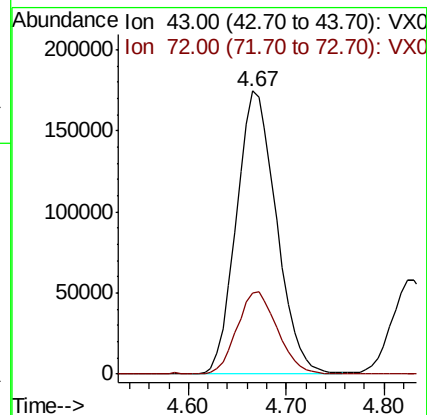
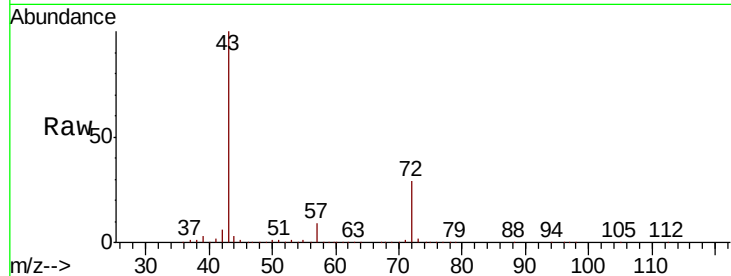
VSTDCCC050

Tot Ion: 43 Resp: 493400

Ion Ratio Lower Upper

43 100

72 28.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 49.204 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010425.D

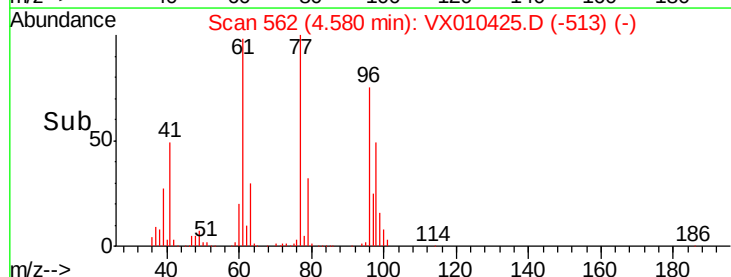
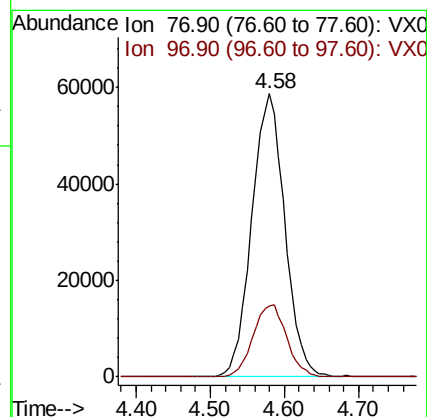
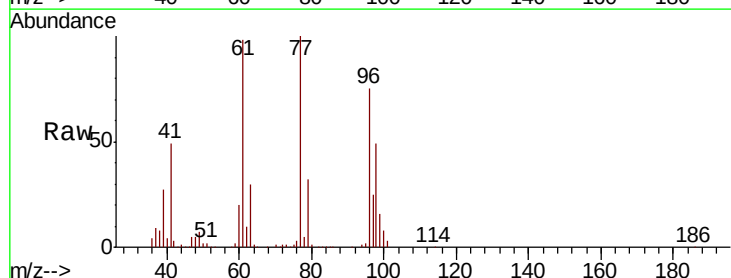
Acq: 25 Jun 2019 09:16

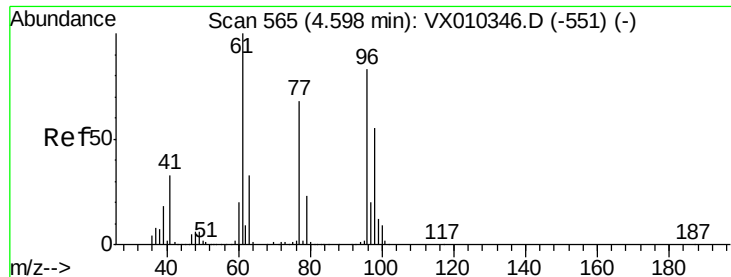
Tgt Ion: 77 Resp: 182531

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3



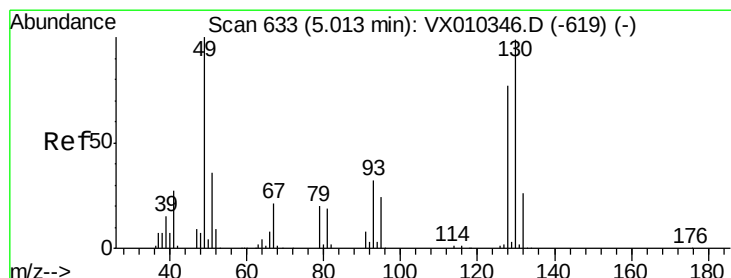
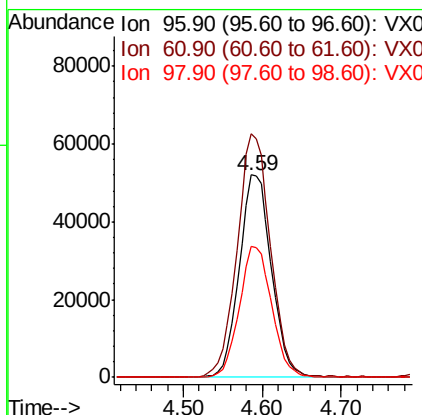
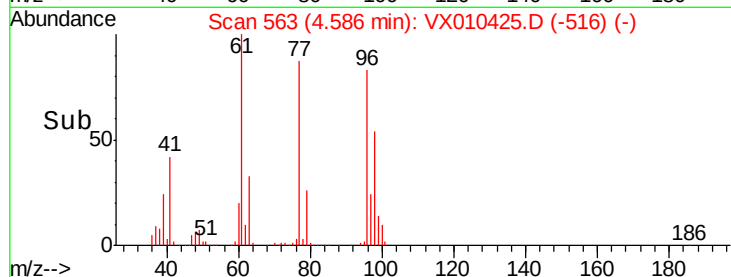
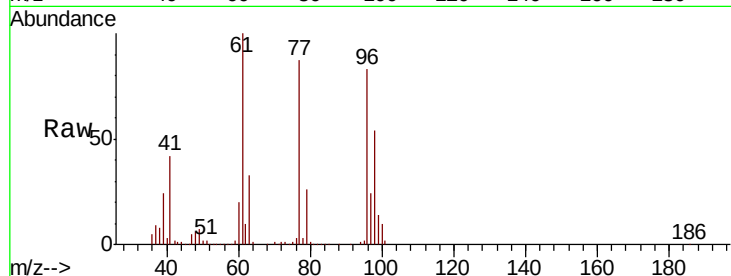


#27

cis-1,2-Dichloroethene
Concen: 47.717 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

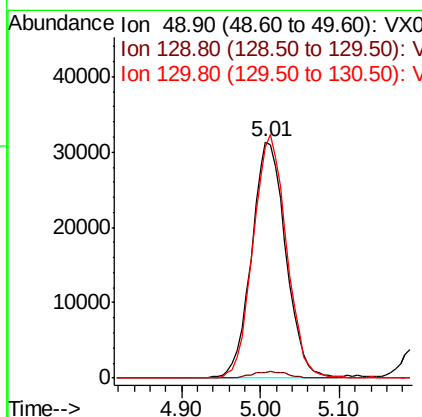
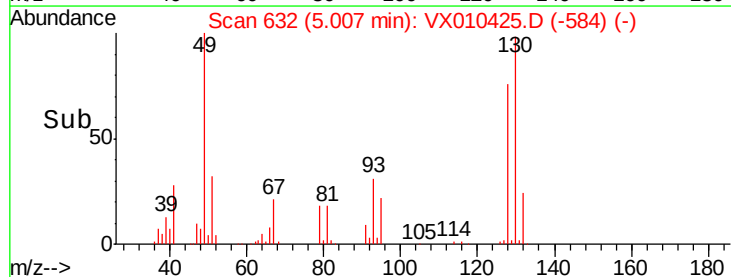
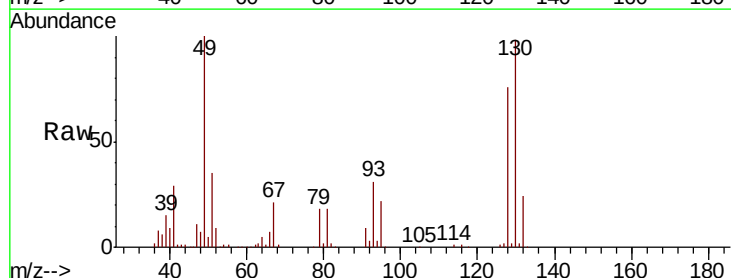
Tot Ion: 96 Resp: 147605
Ion Ratio Lower Upper
96 100
61 124.7 0.0 251.8
98 65.2 0.0 129.4

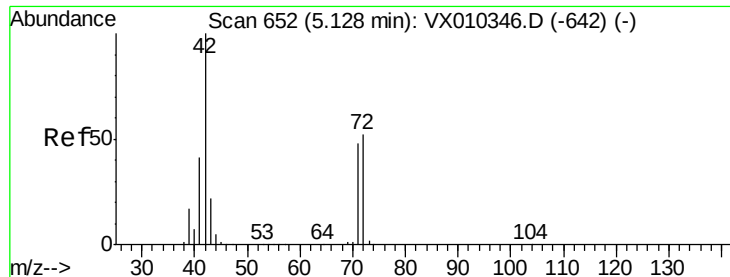


#28

Bromochloromethane
Concen: 46.276 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 49 Resp: 94485
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.6
130 100.1 81.4 122.0





#29

Tetrahydrofuran

Concen: 235.133 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

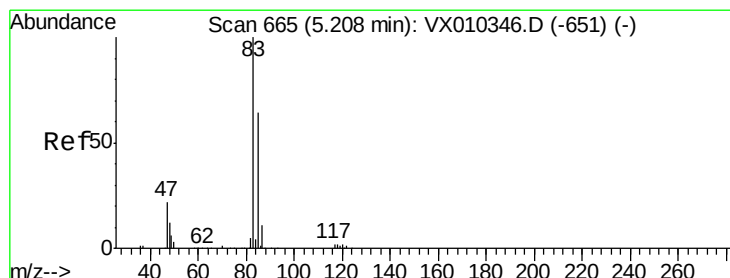
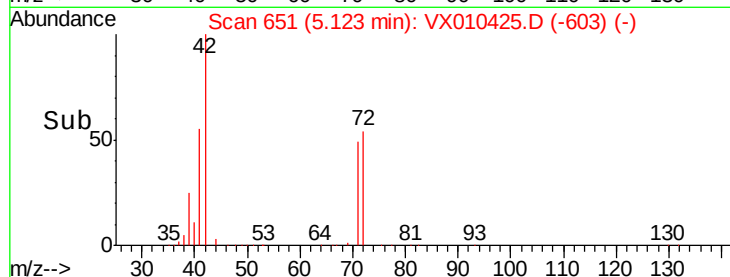
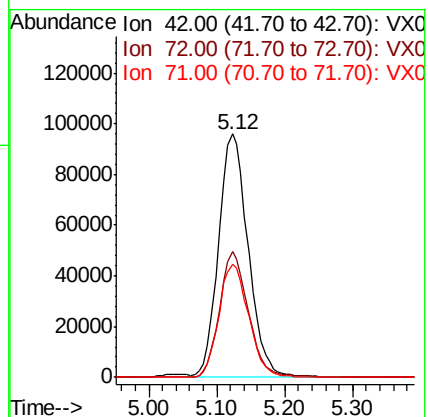
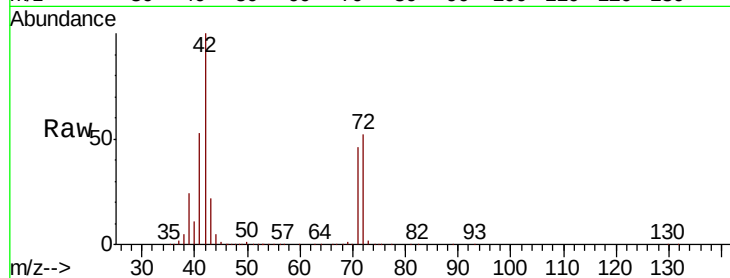
Tot Ion: 42 Resp: 288261

Ion Ratio Lower Upper

42 100

72 50.9 40.6 60.8

71 47.1 37.8 56.8



#30

Chloroform

Concen: 48.015 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010425.D

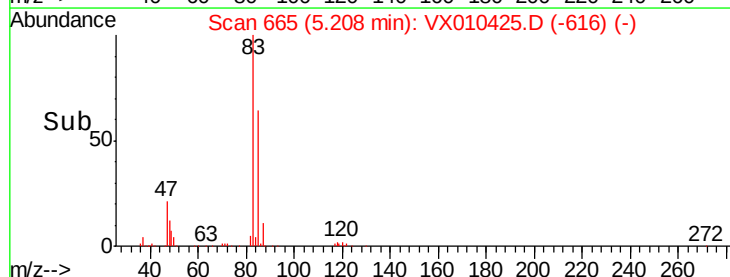
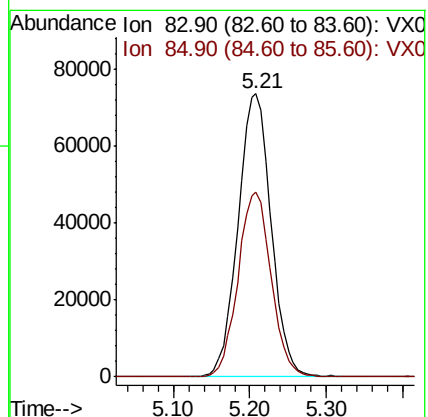
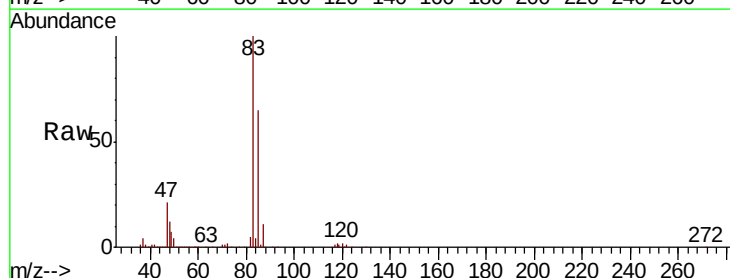
Acq: 25 Jun 2019 09:16

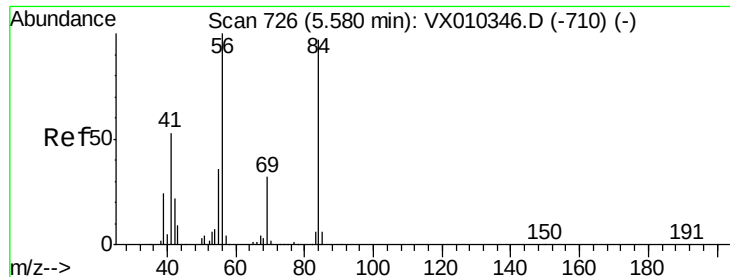
Tgt Ion: 83 Resp: 220615

Ion Ratio Lower Upper

83 100

85 65.1 50.9 76.3

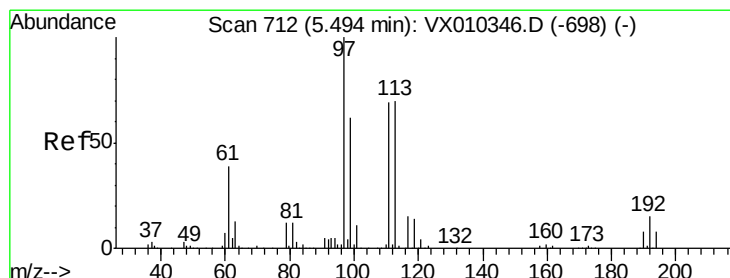
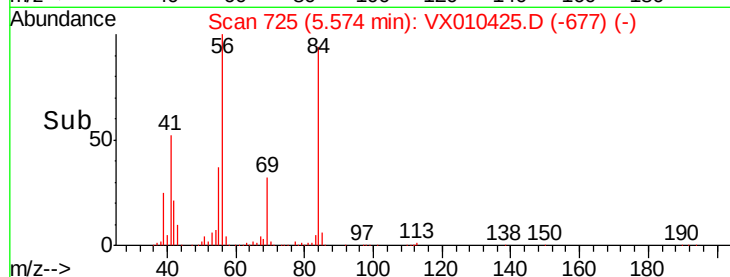
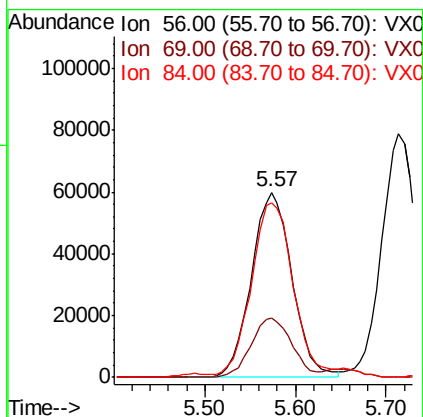
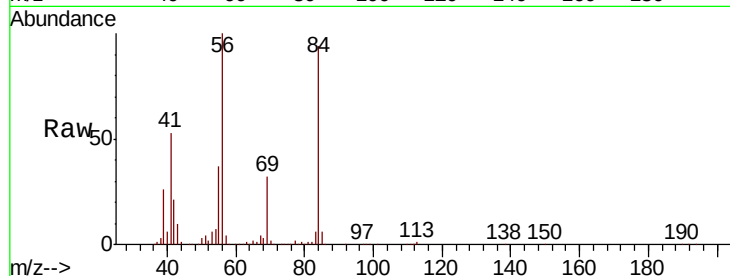




#31
Cyclohexane
Concen: 47.503 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

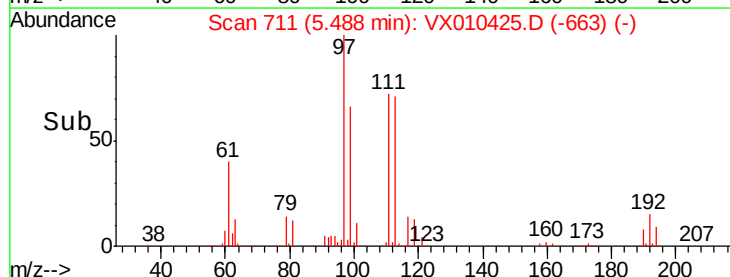
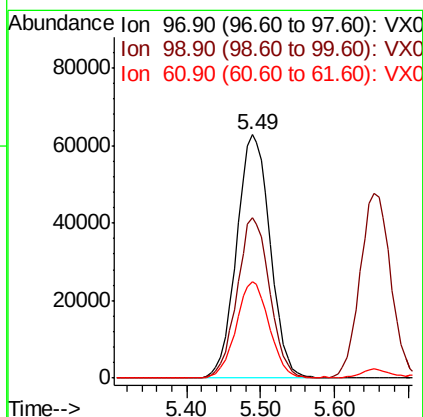
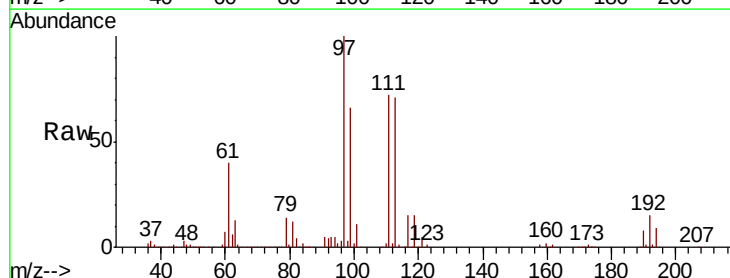
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

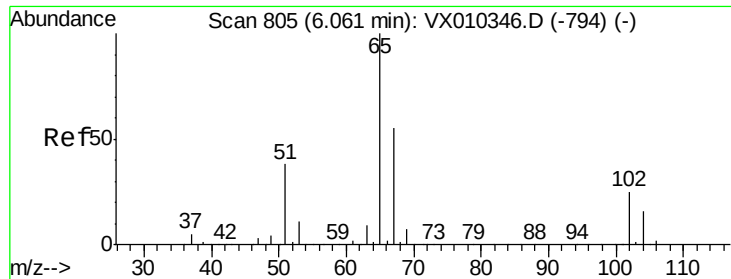
Tot Ion: 56 Resp: 184732
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 92.6 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 48.880 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 97 Resp: 198314
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 39.2 32.1 48.1

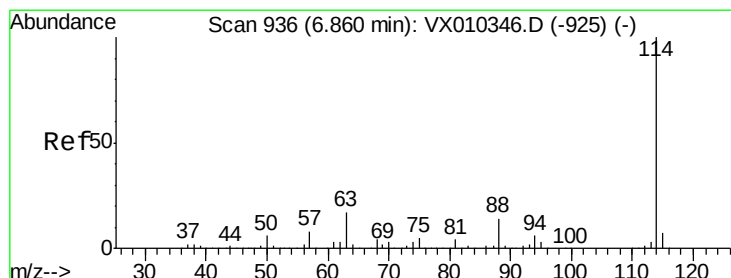
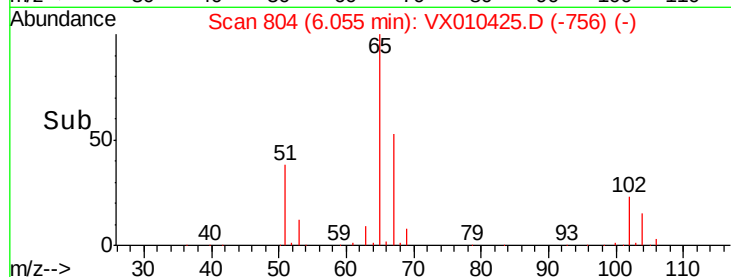
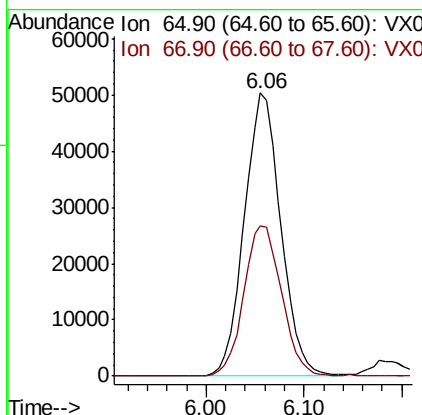
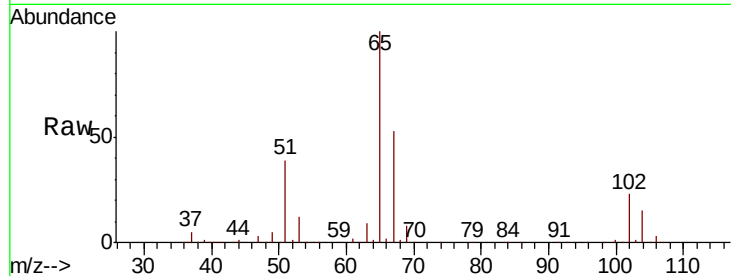




#33
 1,2-Dichloroethane-d4
 Concen: 48.449 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

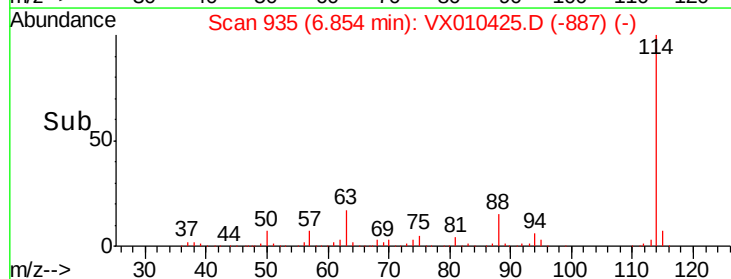
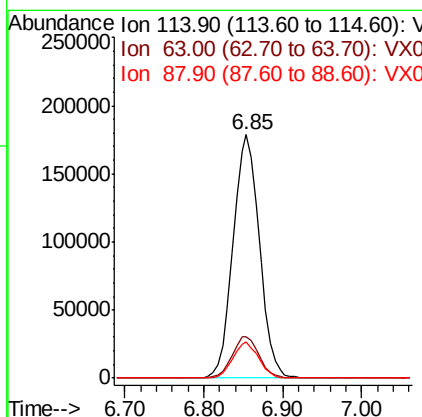
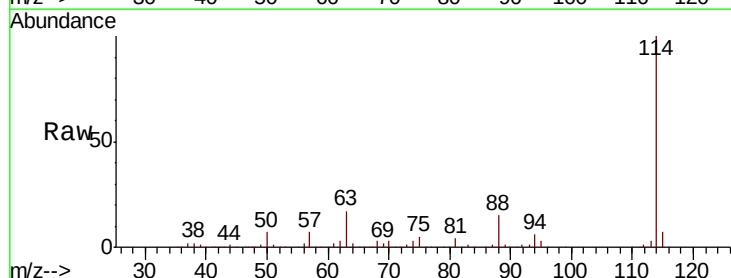
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

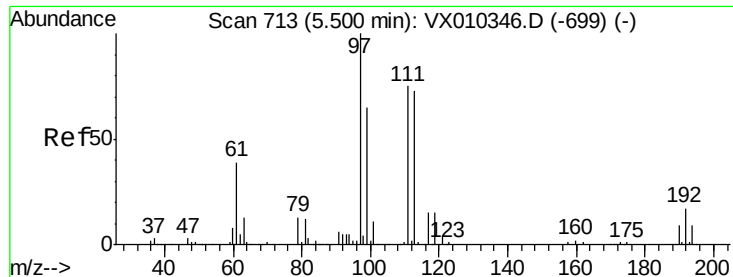
Tot Ion: 65 Resp: 130437
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 114 Resp: 415861
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.855 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

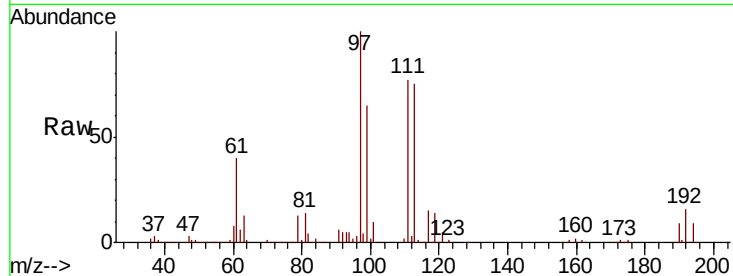
Tot Ion:113 Resp: 129394

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

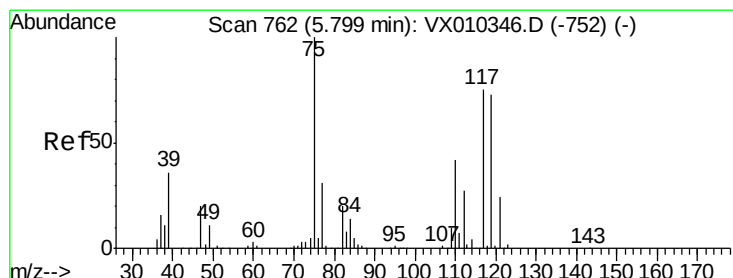
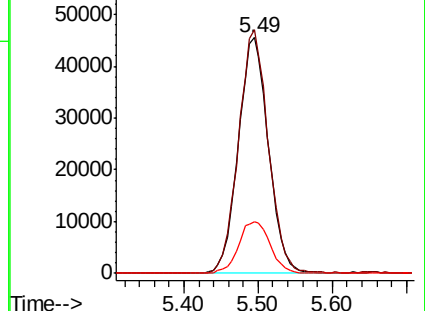
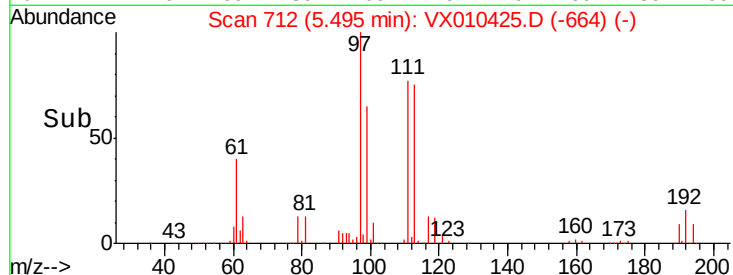
192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.681 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

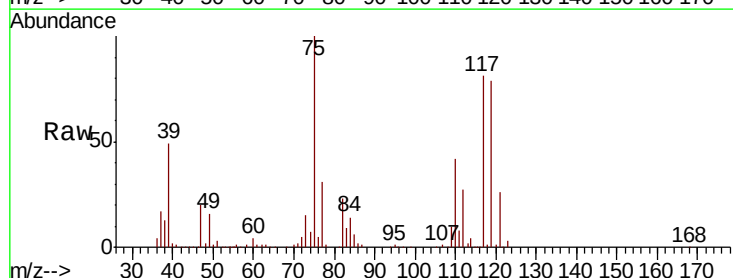
Tgt Ion: 75 Resp: 160874

Ion Ratio Lower Upper

75 100

110 41.6 20.8 62.2

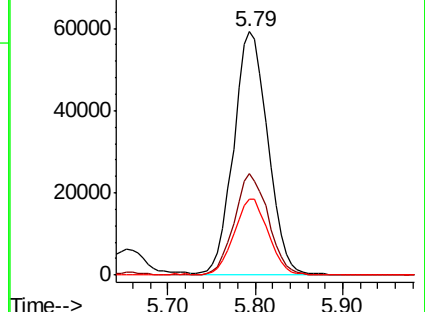
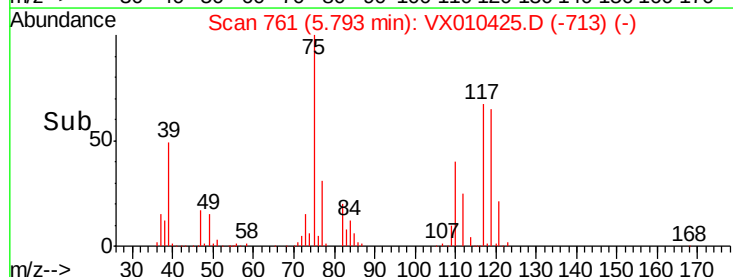
77 31.5 25.4 38.0

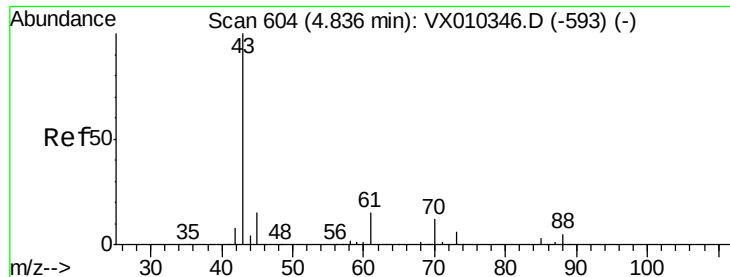


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.032 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

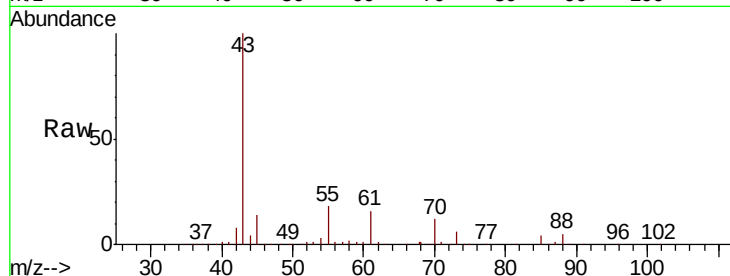
Tot Ion: 43 Resp: 170095

Ion Ratio Lower Upper

43 100

61 15.6 12.4 18.6

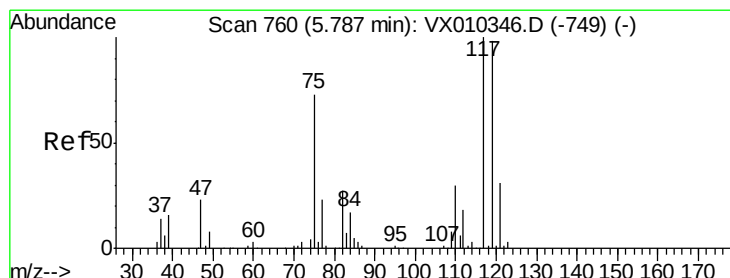
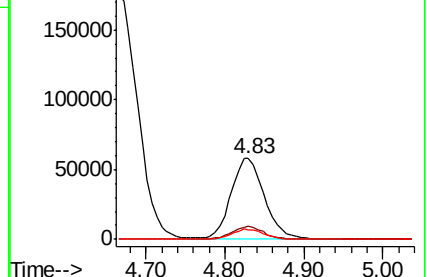
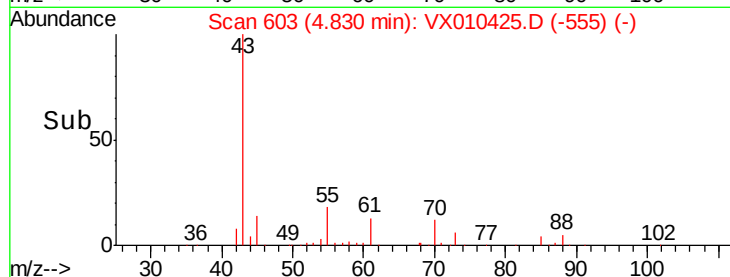
70 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.985 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

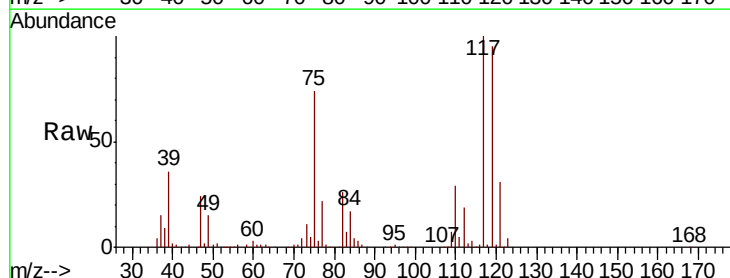
Tgt Ion: 117 Resp: 178870

Ion Ratio Lower Upper

117 100

119 94.6 78.2 117.4

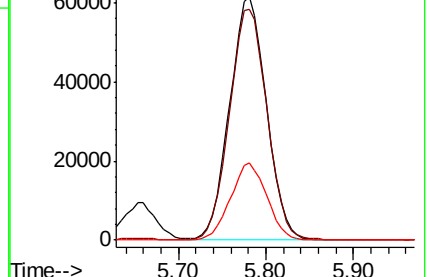
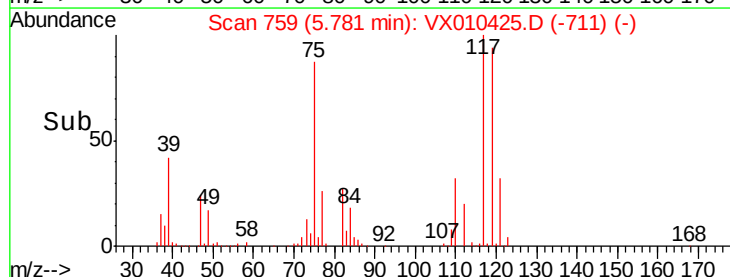
121 31.5 24.7 37.1

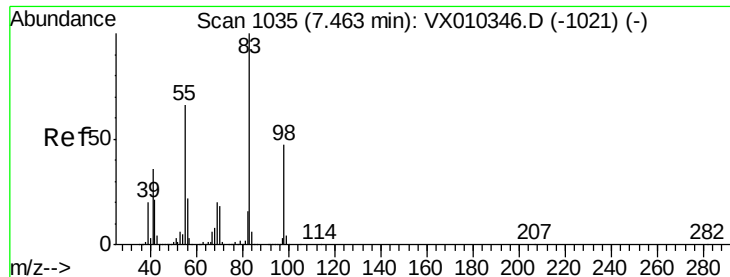


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

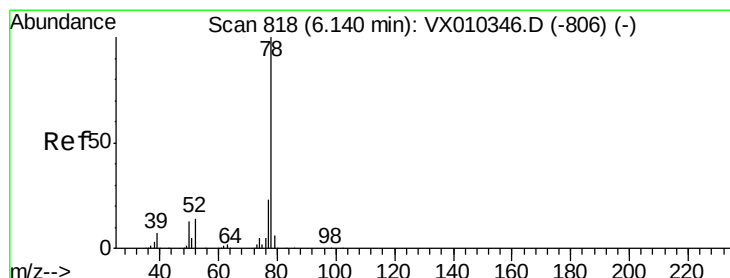
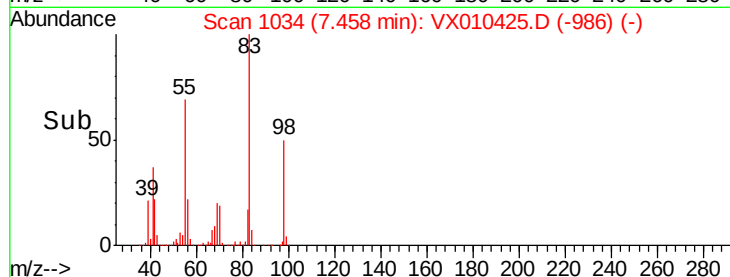
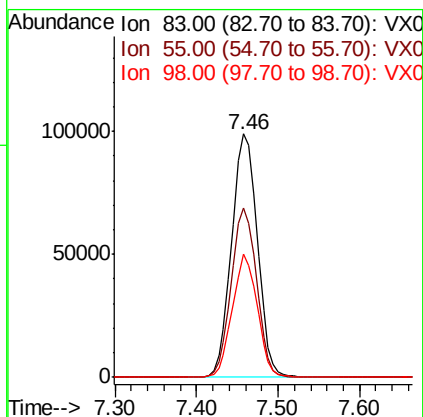
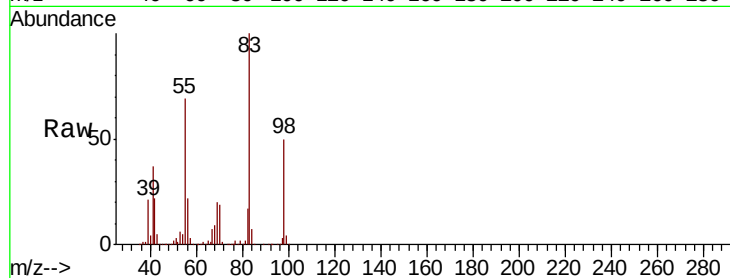




#39
Methylvlcyclohexane
Concen: 49.694 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

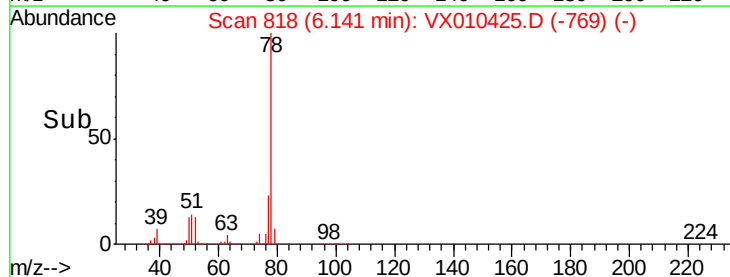
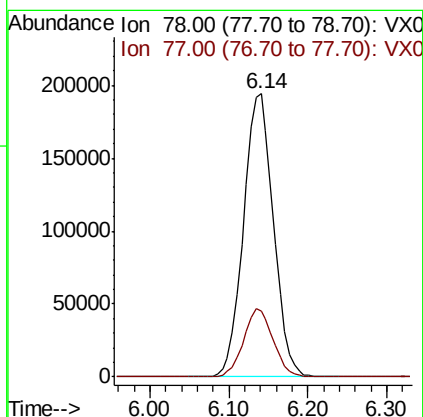
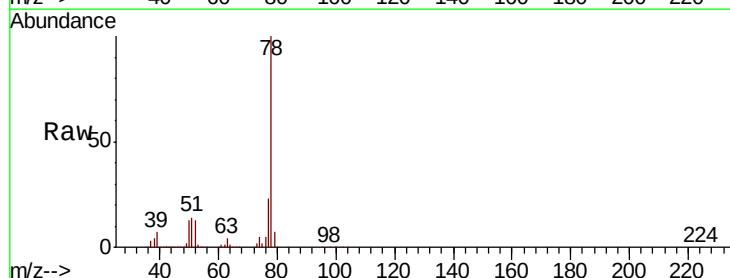
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

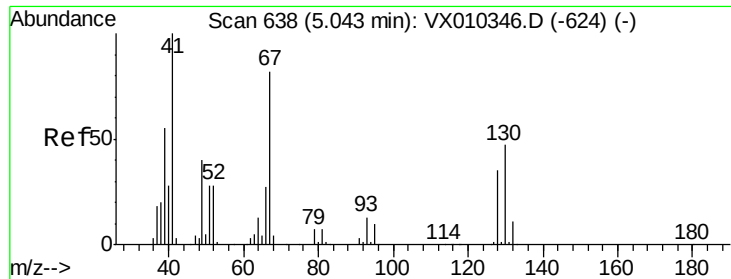
Tot Ion: 83 Resp: 215863
Ion Ratio Lower Upper
83 100
55 69.3 53.0 79.6
98 50.5 37.8 56.8



#40
Benzene
Concen: 49.635 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 78 Resp: 511017
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

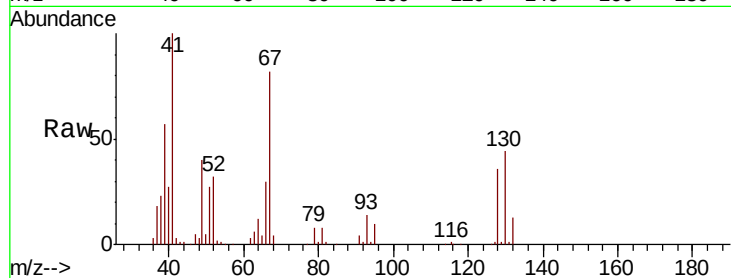




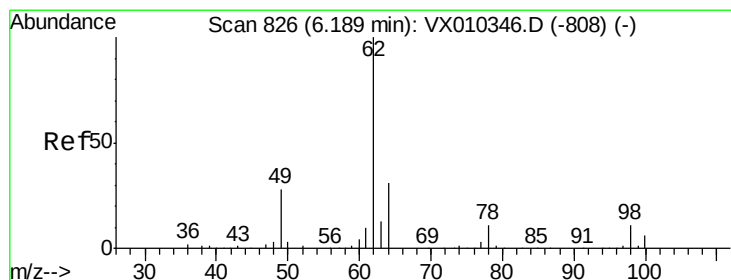
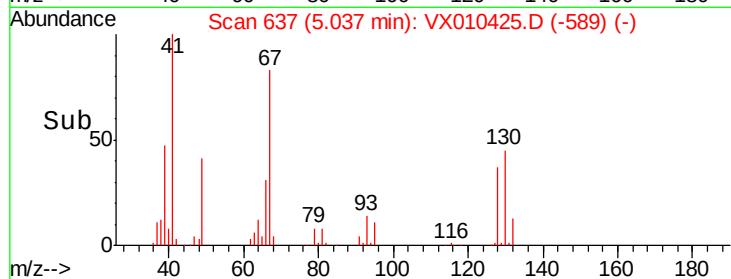
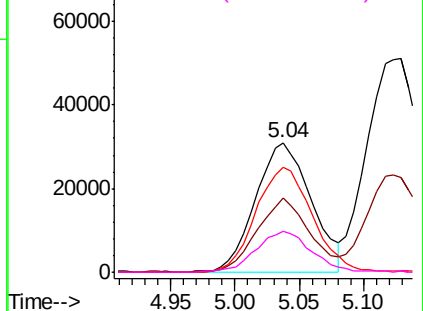
#41
Methacrylonitrile
Concen: 49.678 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	92667
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.8	65.8
67	82.5	66.6	100.0
52	32.1	24.5	36.7

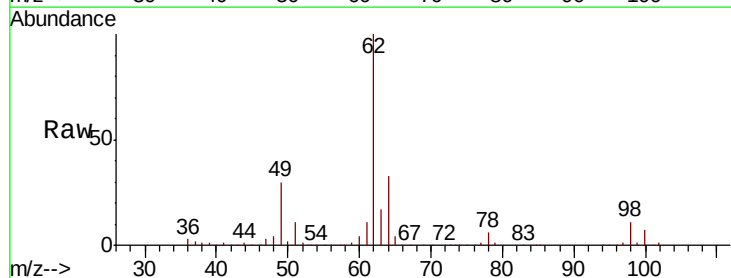


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

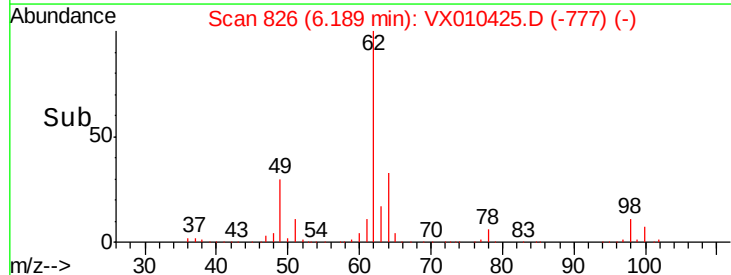
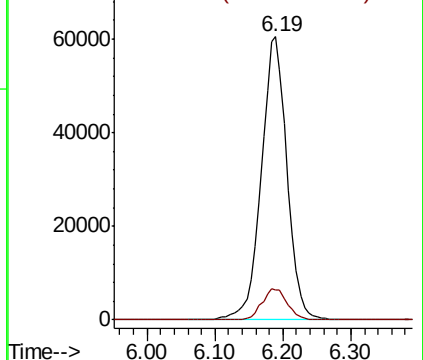


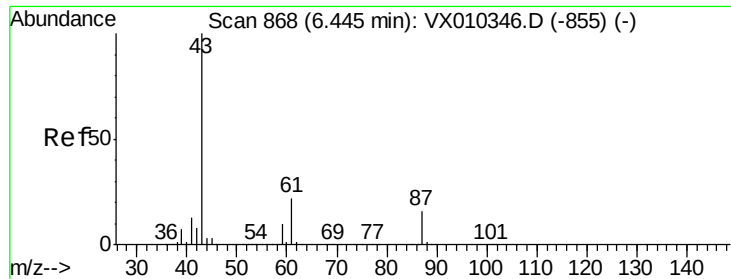
#42
1,2-Dichloroethane
Concen: 50.530 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:	62	Resp:	158361
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.2



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





#43

Isopropyl Acetate

Concen: 49.951 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

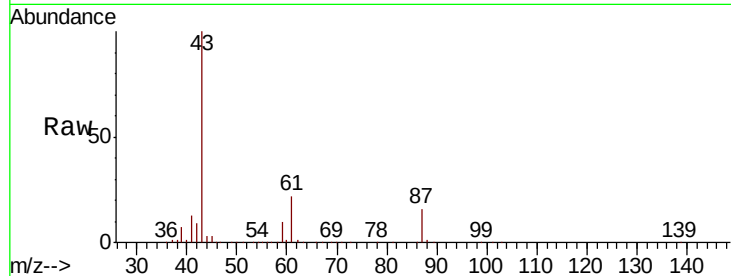
Tot Ion: 43 Resp: 280964

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

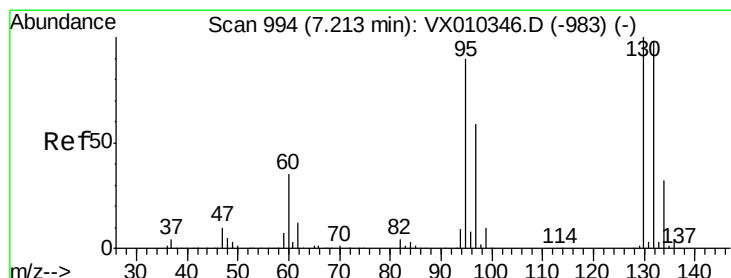
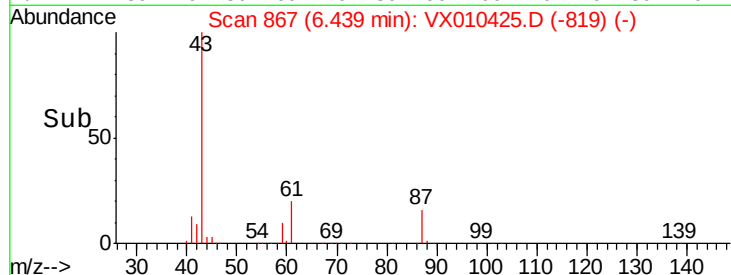
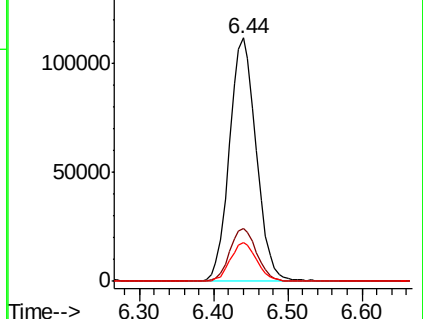
87 15.8 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.646 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010425.D

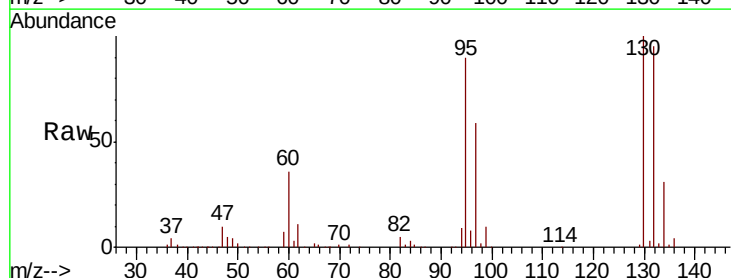
Acq: 25 Jun 2019 09:16

Tgt Ion:130 Resp: 152944

Ion Ratio Lower Upper

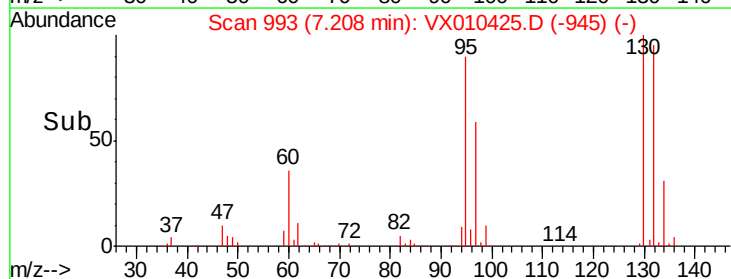
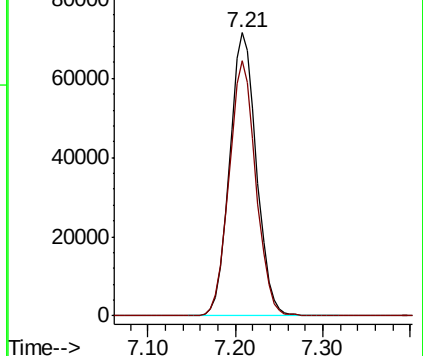
130 100

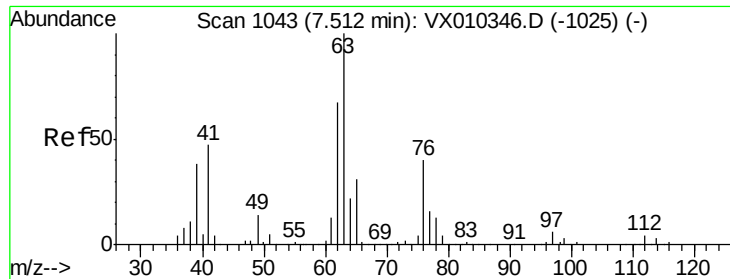
95 90.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

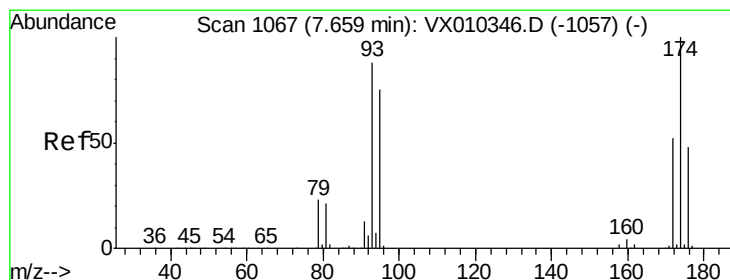
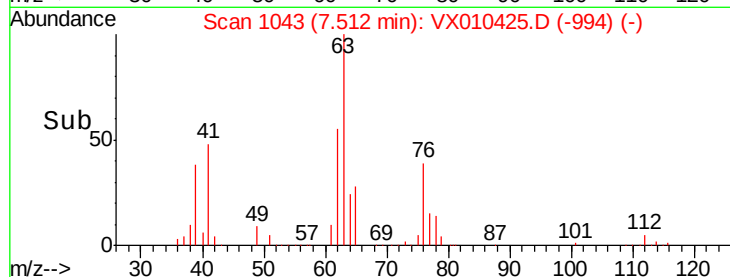
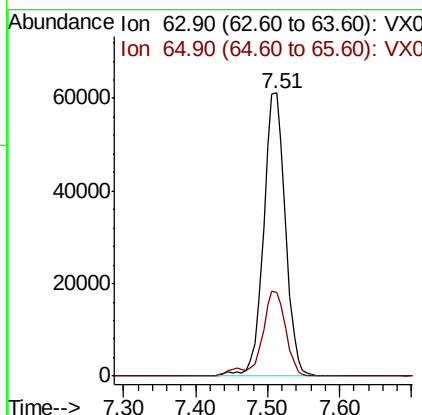
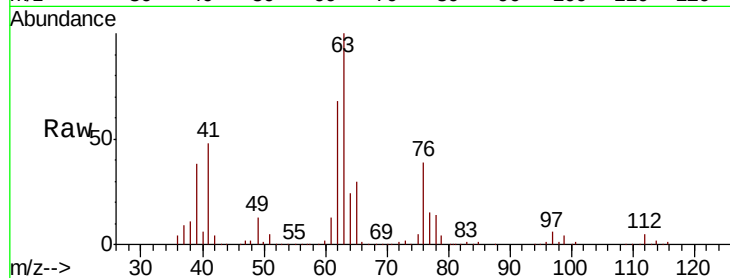




#45
 1,2-Dichloropropane
 Concen: 49.443 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

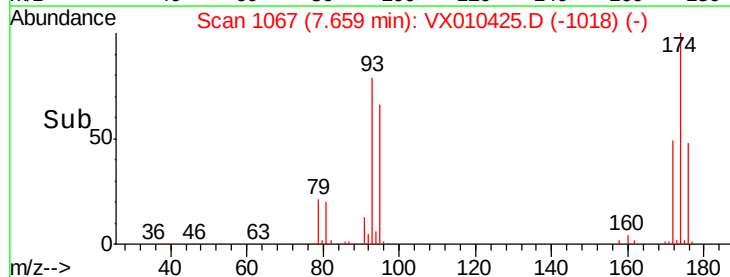
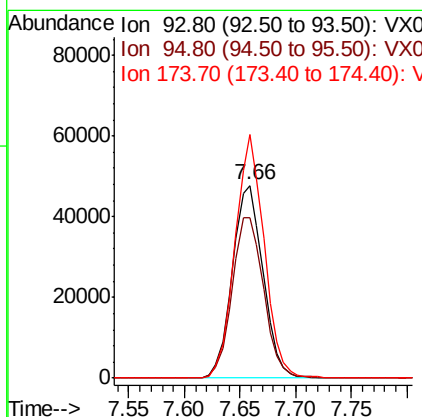
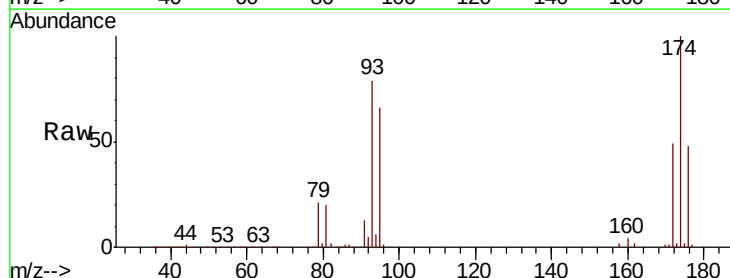
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

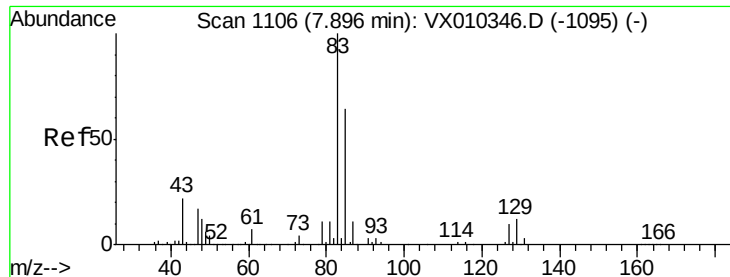
Tot Ion: 63 Resp: 128549
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2



#46
 Dibromomethane
 Concen: 49.013 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 93 Resp: 91427
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 120.1 95.8 143.6





#47

Bromodichloromethane

Concen: 50.403 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

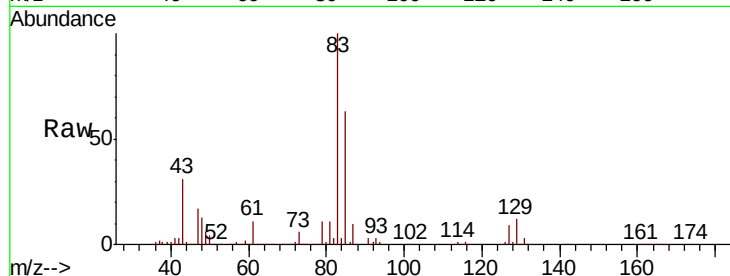
Tot Ion: 83 Resp: 172305

Ion Ratio Lower Upper

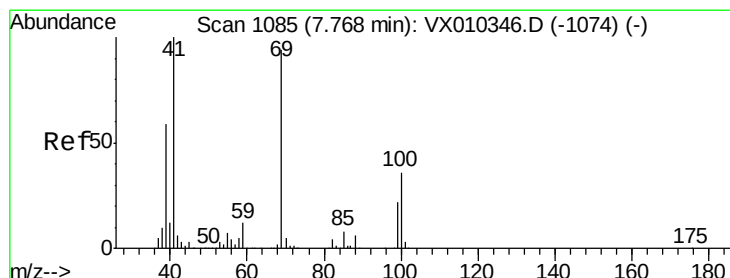
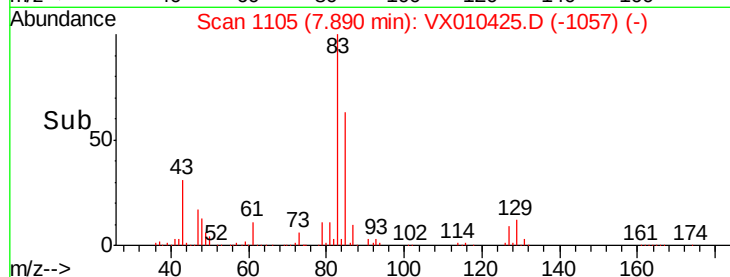
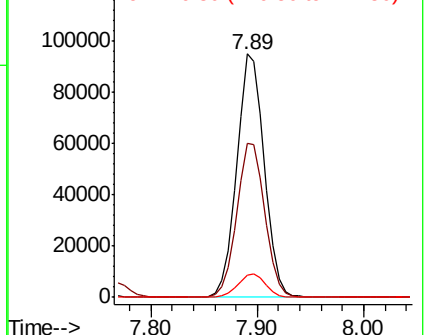
83 100

85 63.2 51.5 77.3

127 9.2 7.8 11.8



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: 50.825 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

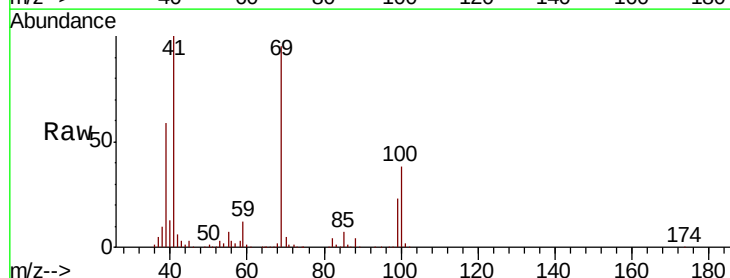
Tgt Ion: 41 Resp: 132880

Ion Ratio Lower Upper

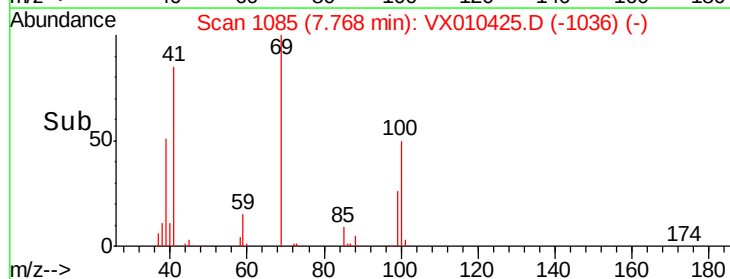
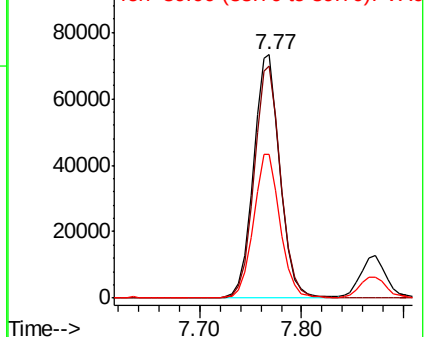
41 100

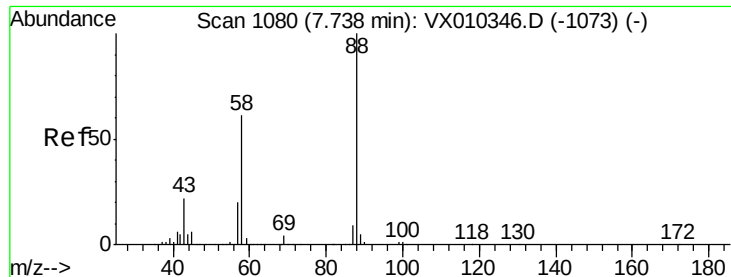
69 95.5 76.1 114.1

39 59.0 47.6 71.4



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

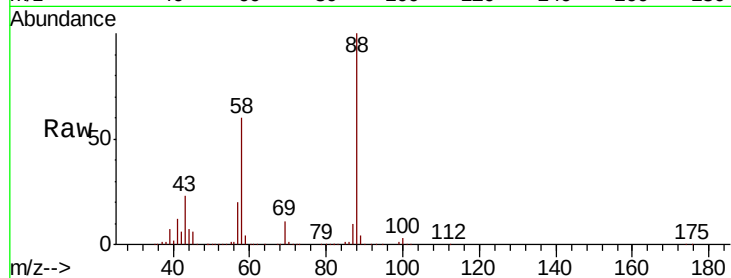




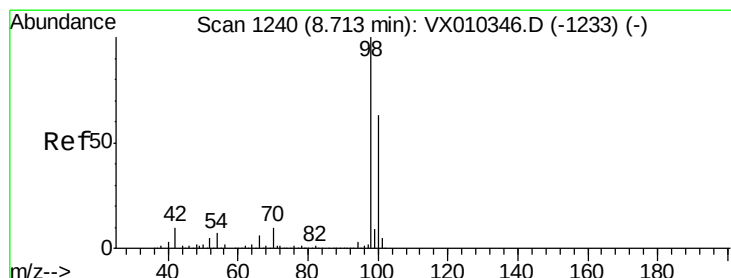
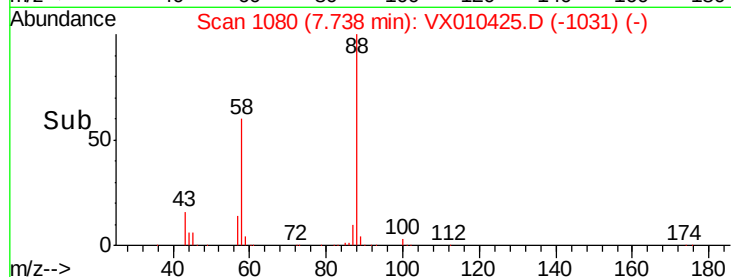
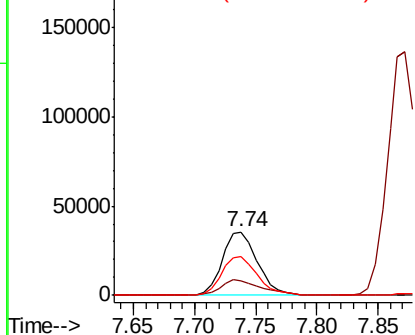
#49
1,4-Dioxane
Concen: 942.072 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 70953
Ion Ratio Lower Upper
88 100
43 26.7 20.2 30.2
58 62.8 49.5 74.3

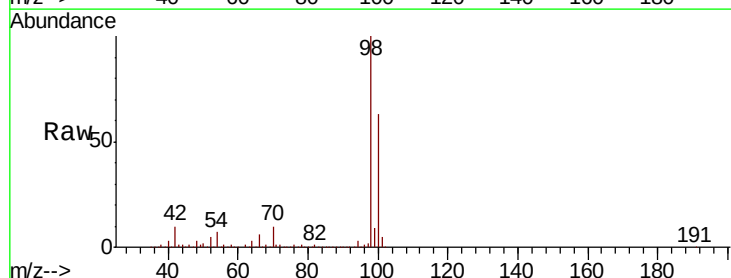


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

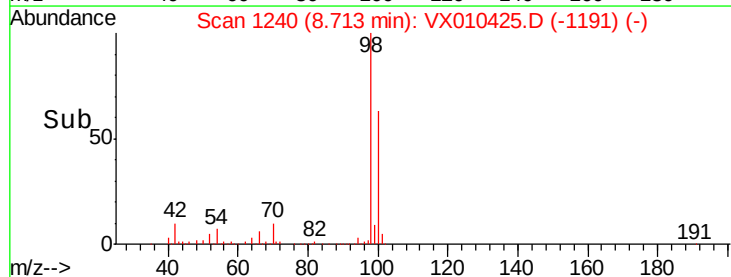
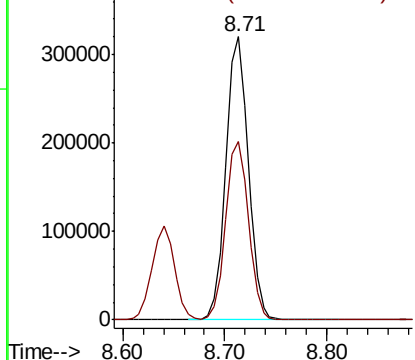


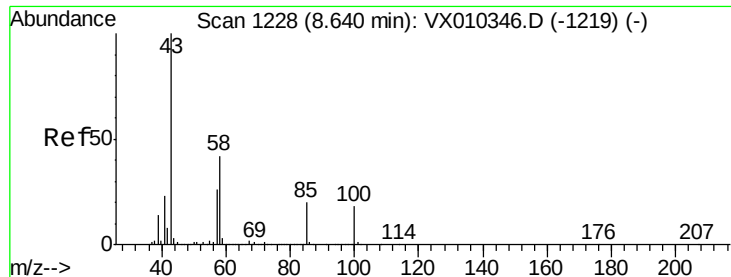
#50
Toluene-d8
Concen: 49.943 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 98 Resp: 486163
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

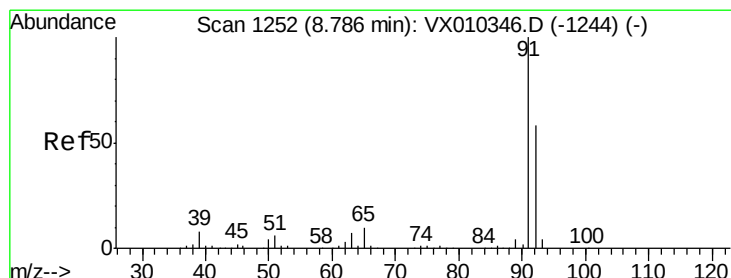
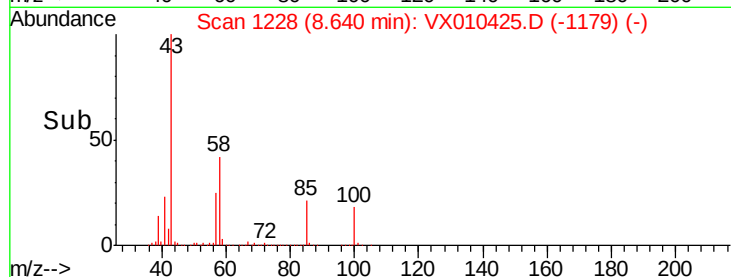
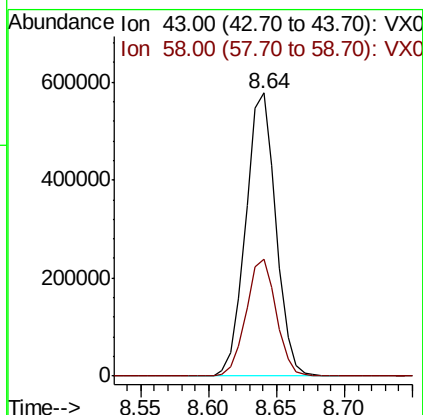
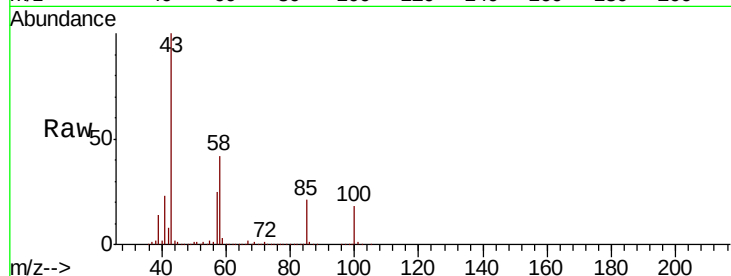




#51
 4-Methyl-2-Pentanone
 Concen: 249.523 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

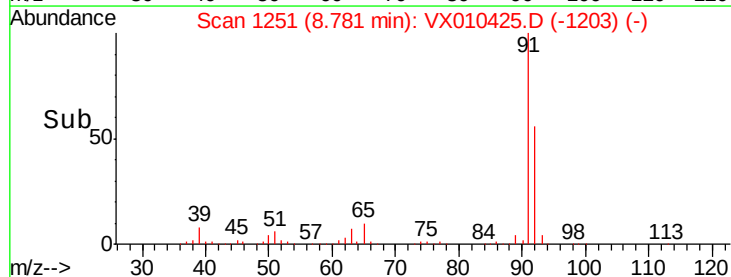
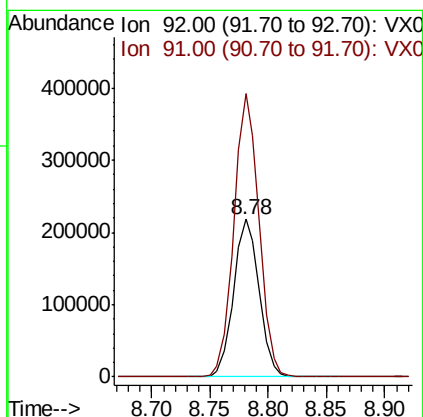
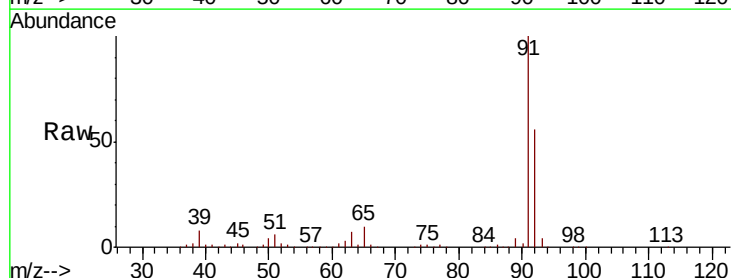
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

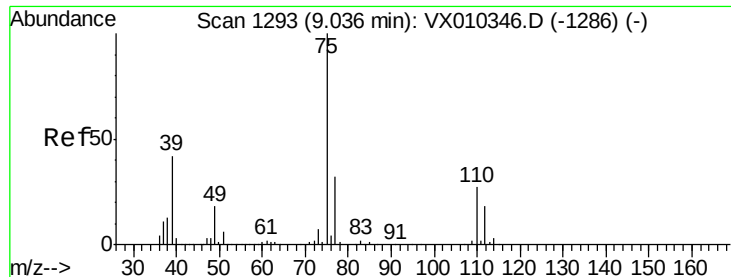
Tot Ion: 43 Resp: 897626
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 49.153 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 92 Resp: 333259
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 50.430 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

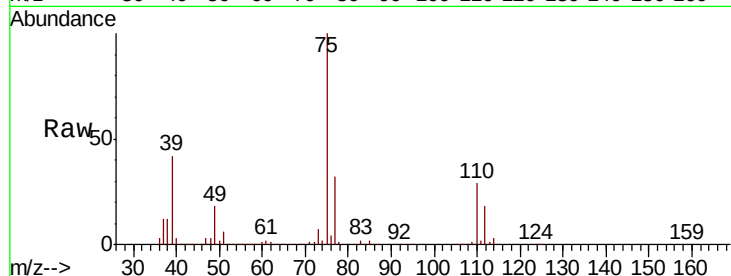
VSTDCCC050

Tot Ion: 75 Resp: 193282

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

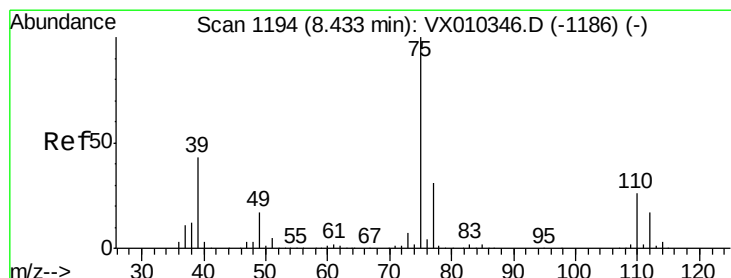
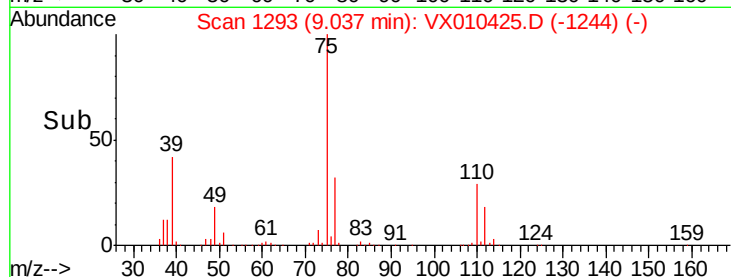
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 51.296 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

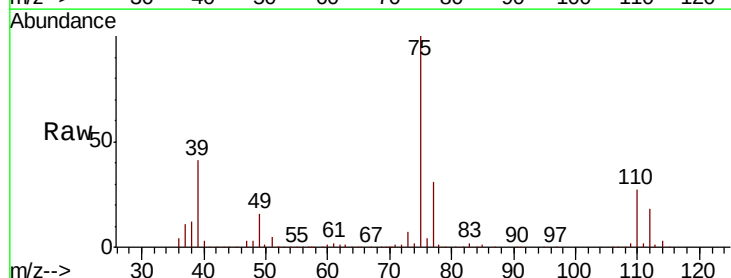
Tgt Ion: 75 Resp: 213650

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 41.2 34.5 51.7



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

8.43

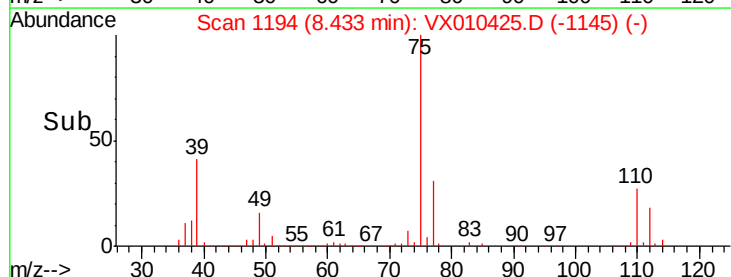
150000

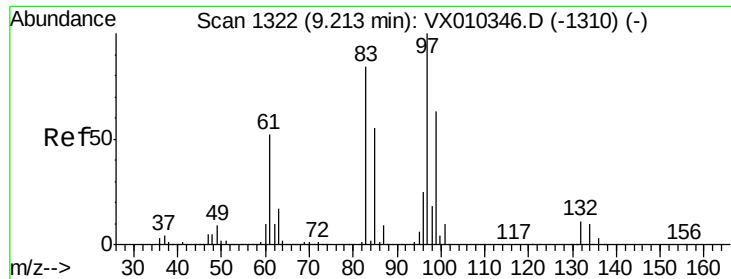
100000

50000

0

Time--> 8.35 8.40 8.45 8.50 8.55

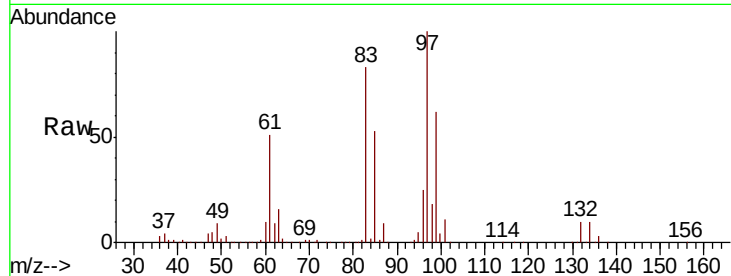




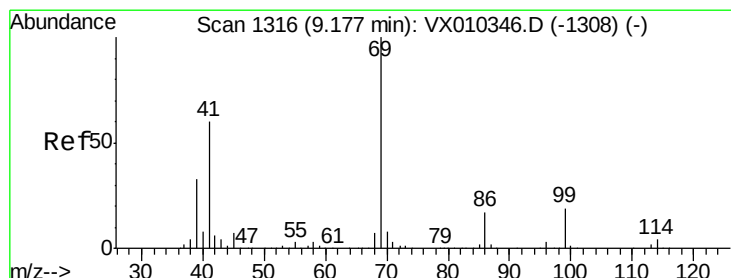
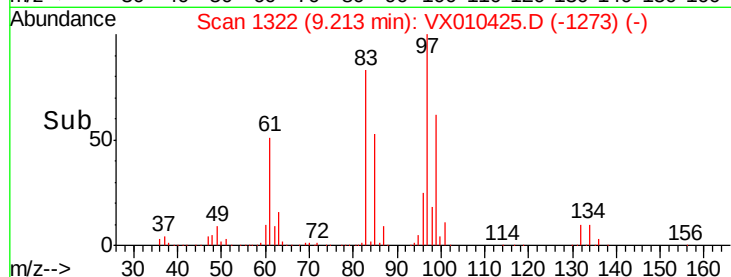
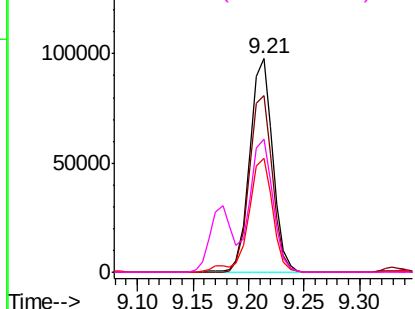
#55
1,1,2-Trichloroethane
Concen: 50.267 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	140558
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.0
85	53.2	43.8	65.8
99	62.1	50.3	75.5

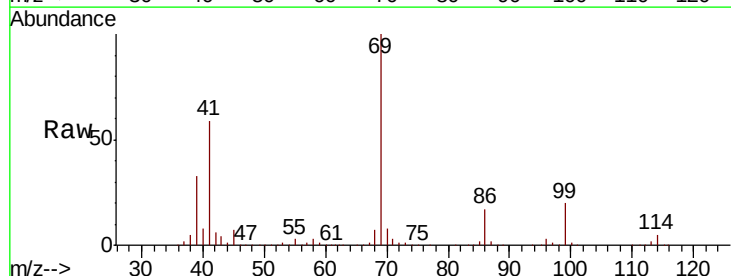


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

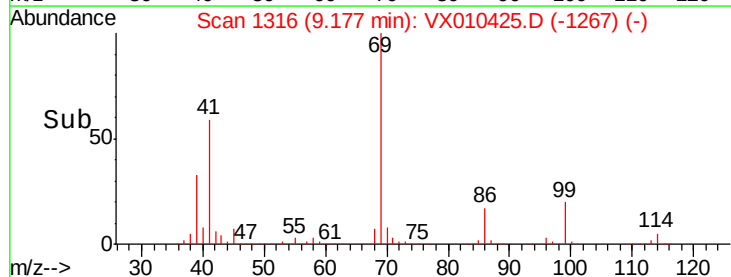
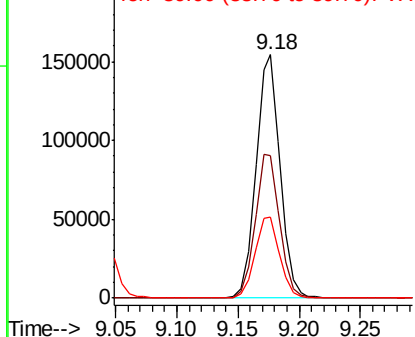


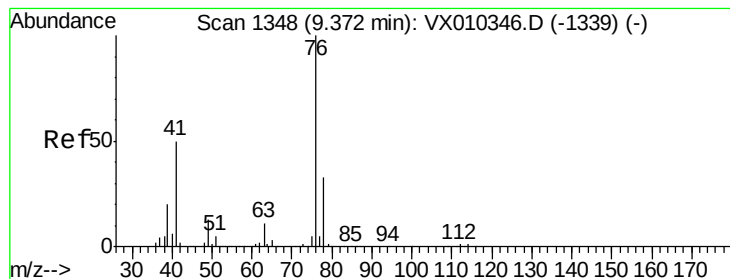
#56
Ethyl methacrylate
Concen: 50.011 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:	69	Resp:	211842
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.1	70.7
39	34.3	26.6	40.0



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: 49.598 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

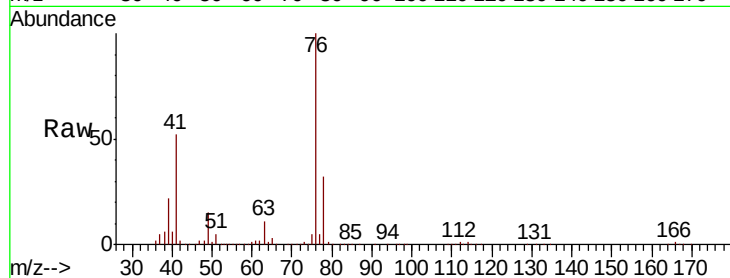
VSTDCCC050

Tot Ion: 76 Resp: 215286

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

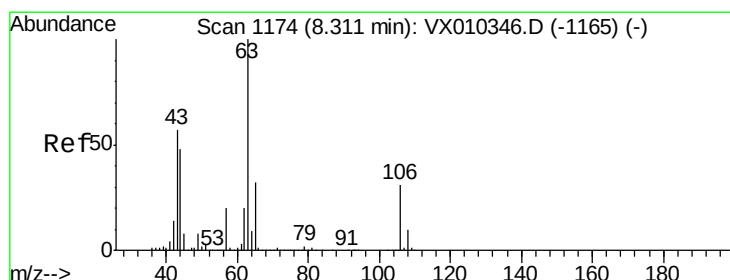
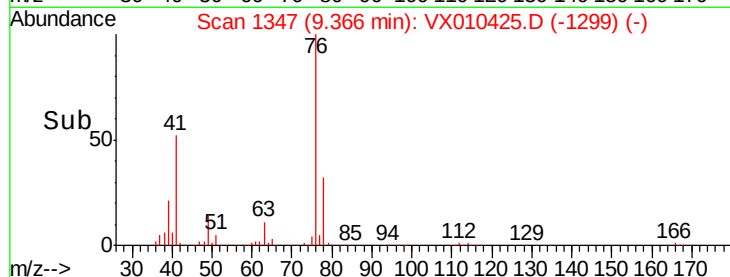
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 264.876 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010425.D

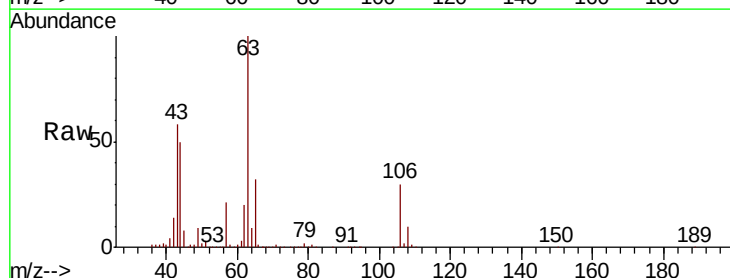
Acq: 25 Jun 2019 09:16

Tgt Ion: 63 Resp: 532864

Ion Ratio Lower Upper

63 100

106 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

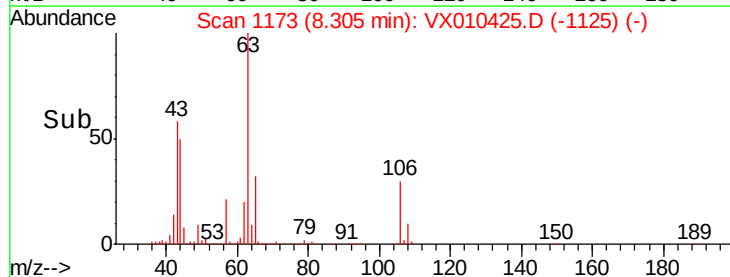
200000

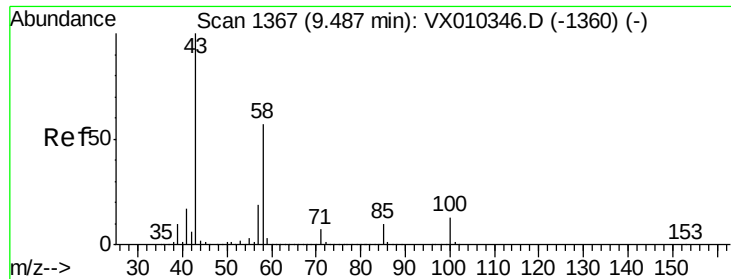
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

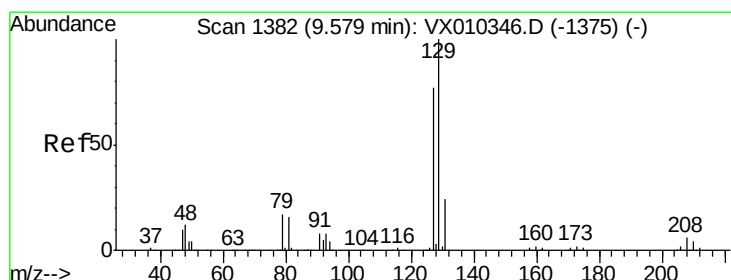
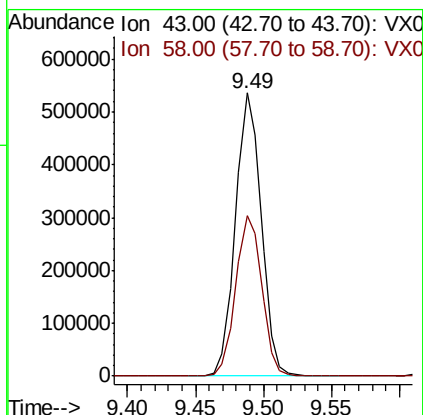
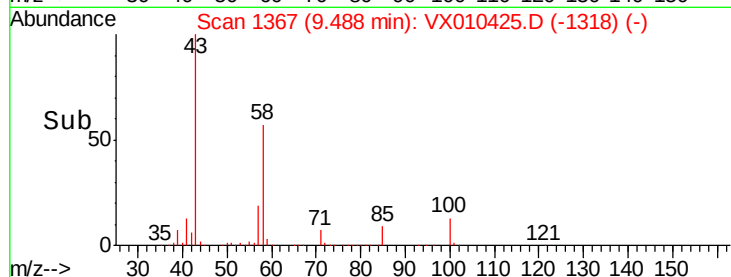
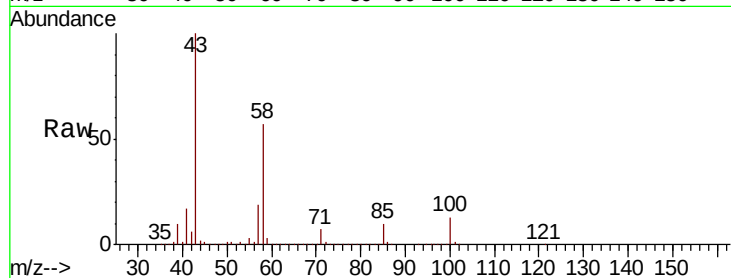




#59
2-Hexanone
Concen: 250.549 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

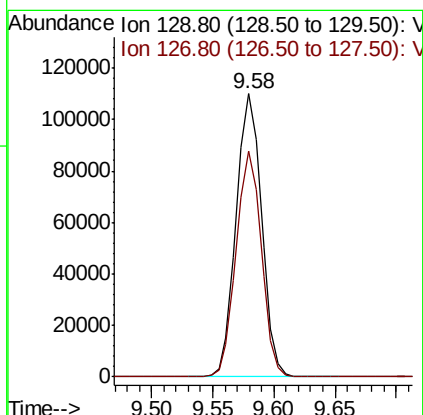
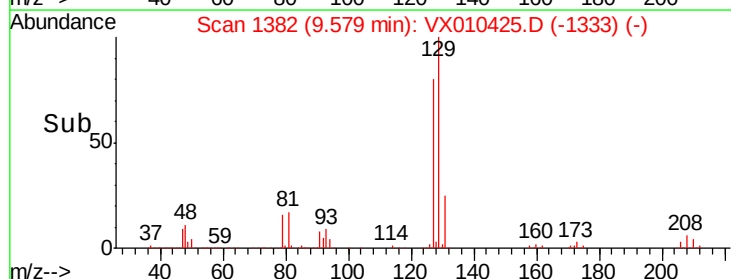
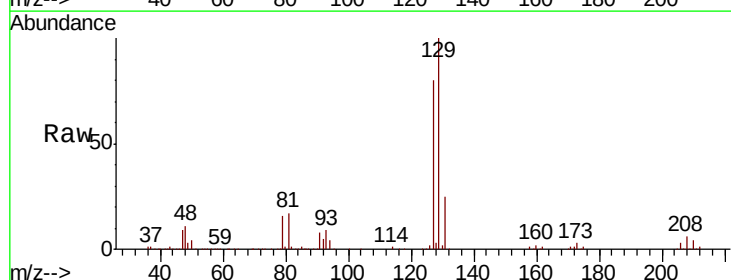
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

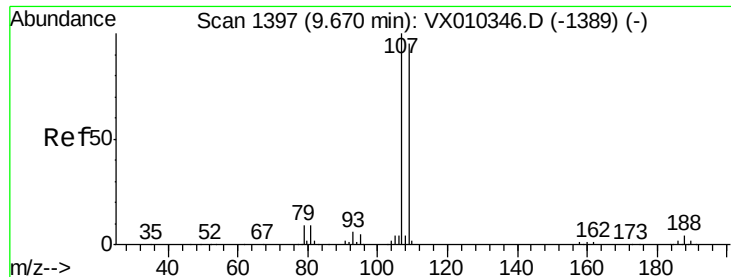
Tot Ion: 43 Resp: 709369
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1



#60
Dibromochloromethane
Concen: 50.594 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 129 Resp: 158402
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.122 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

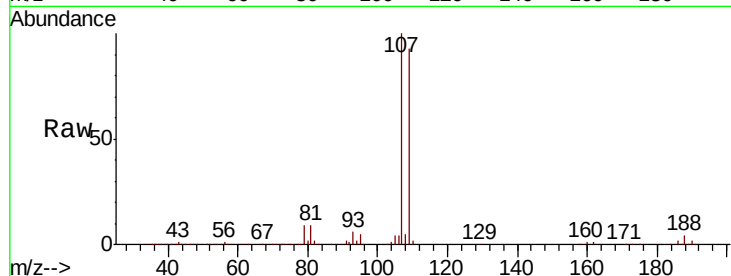
VSTDCCC050

Tot Ion:107 Resp: 151278

Ion Ratio Lower Upper

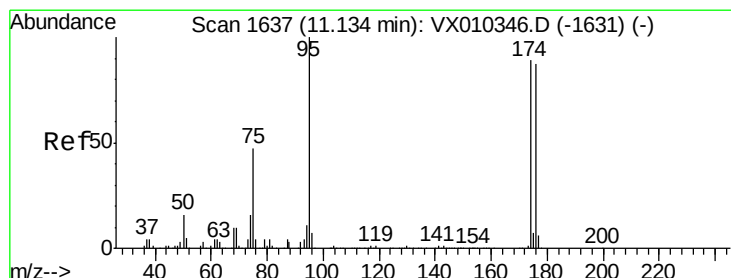
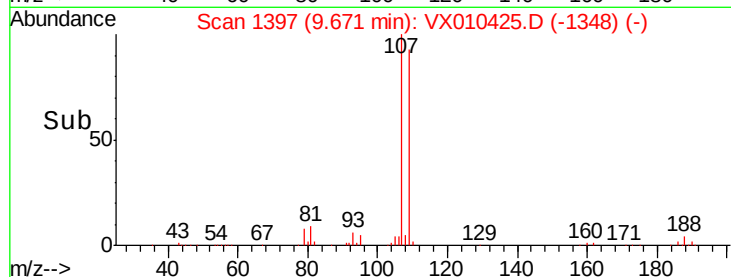
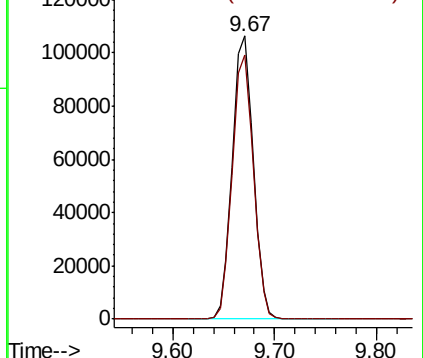
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

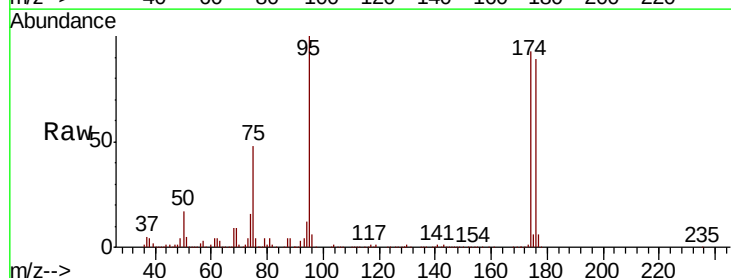
Tgt Ion: 95 Resp: 176496

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.6

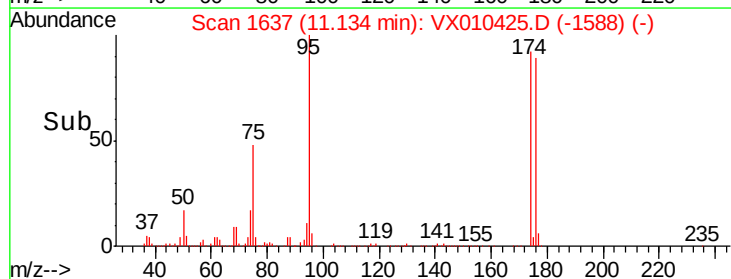
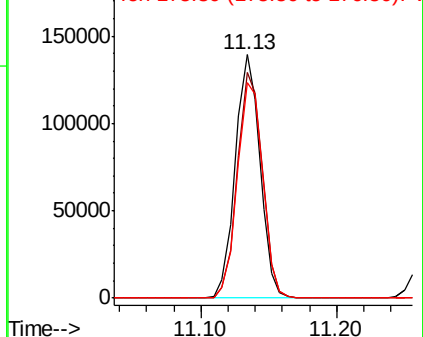
176 91.3 0.0 184.0

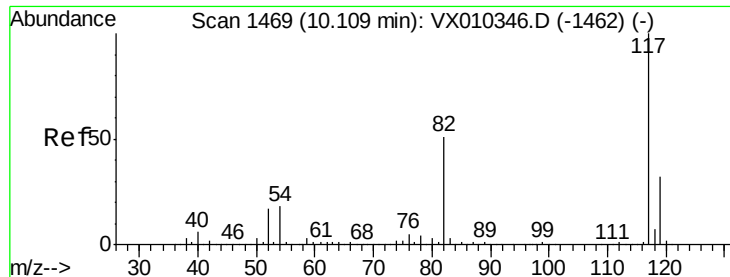


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

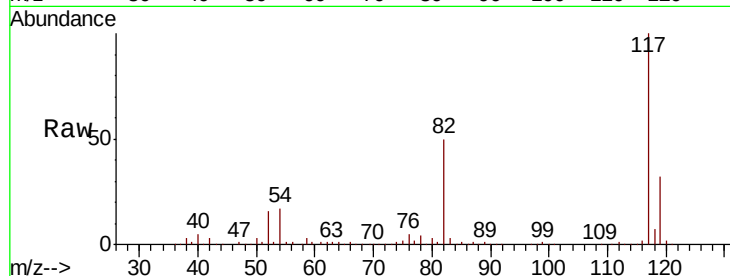




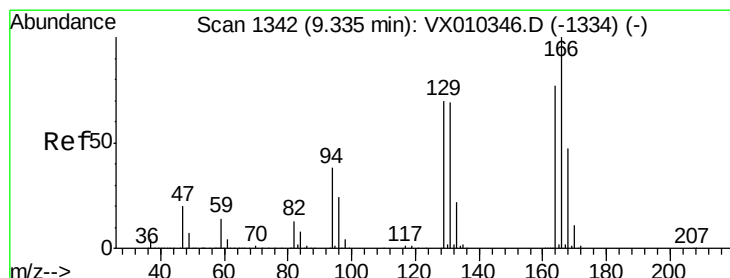
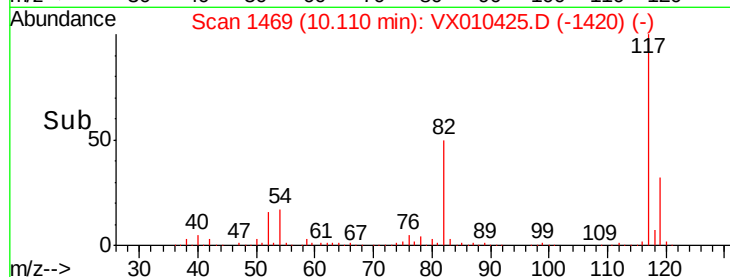
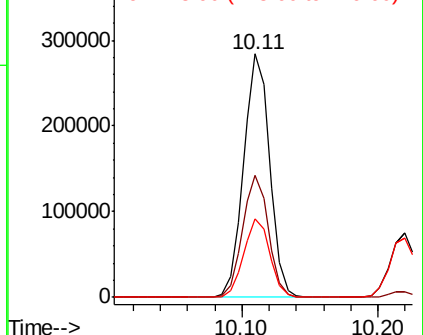
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 379719
Ion Ratio Lower Upper
117 100
82 50.2 41.2 61.8
119 32.3 25.5 38.3



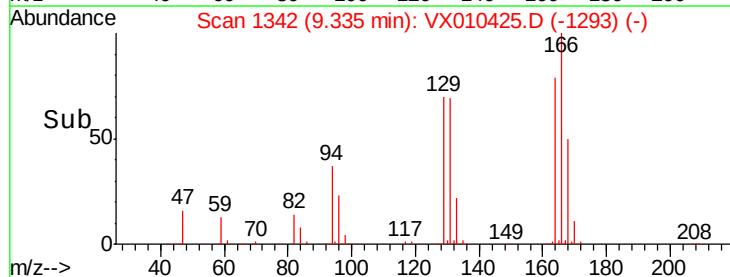
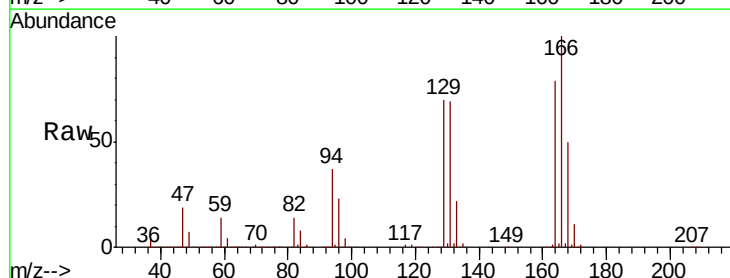
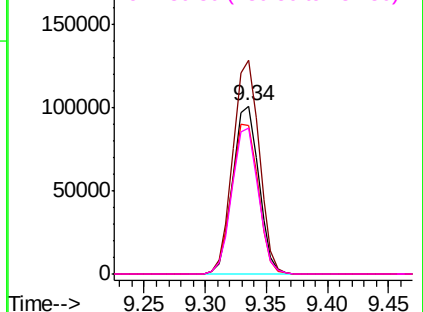
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

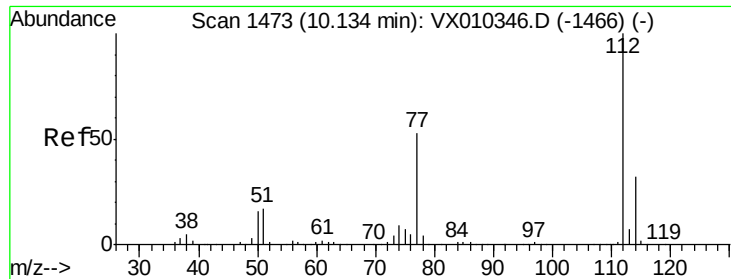


#64
Tetrachloroethene
Concen: 48.340 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:164 Resp: 148464
Ion Ratio Lower Upper
164 100
166 127.3 103.6 155.4
129 88.7 73.0 109.4
131 87.2 71.0 106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

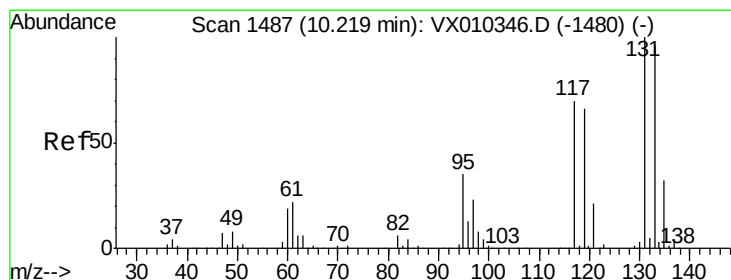
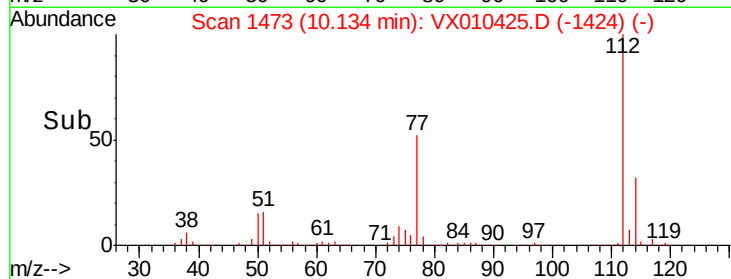
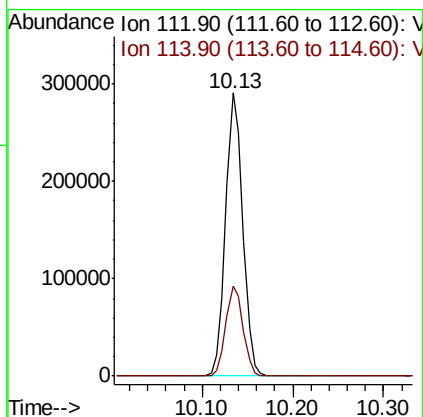
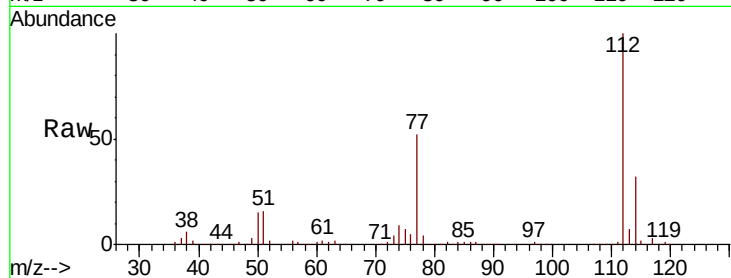




#65
Chlorobenzene
Concen: 49.742 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

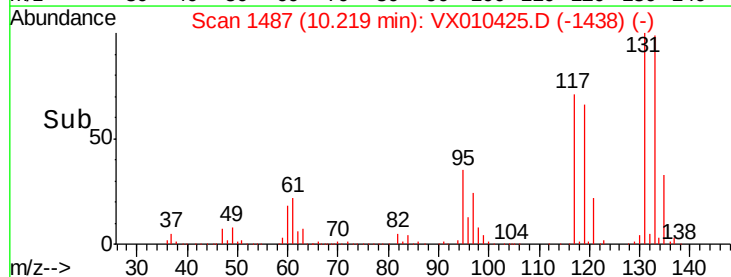
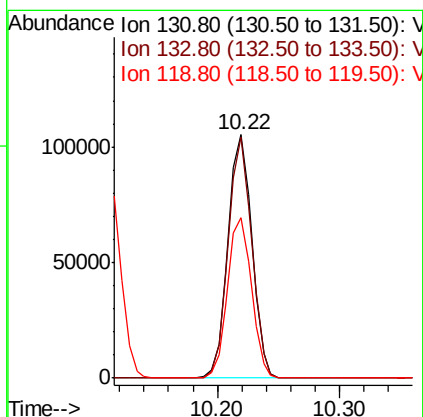
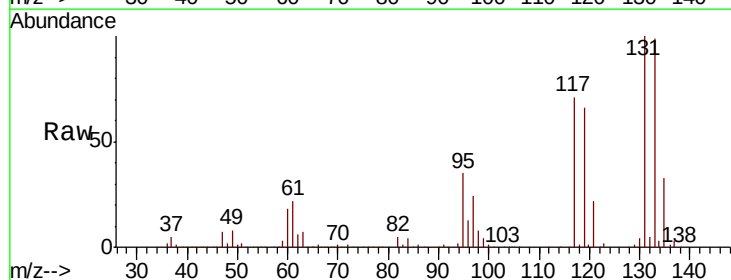
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

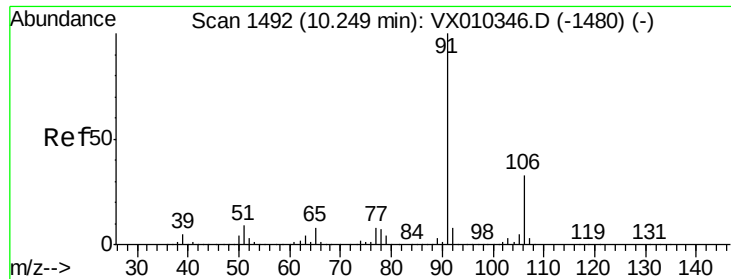
Tot Ion:112 Resp: 383463
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.718 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:131 Resp: 142418
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.0 32.6 97.7





#67

Ethyl Benzene

Concen: 50.070 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

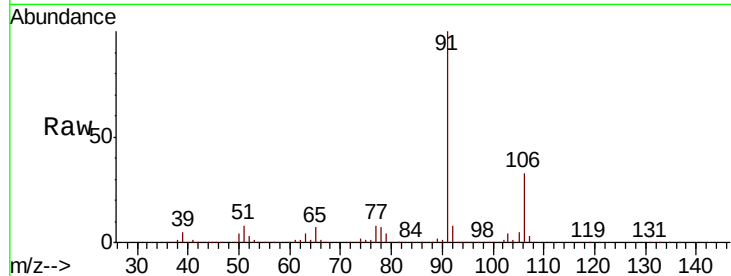
VSTDCCC050

Tot Ion: 91 Resp: 651634

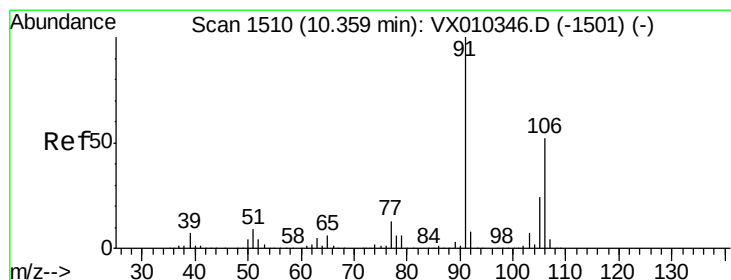
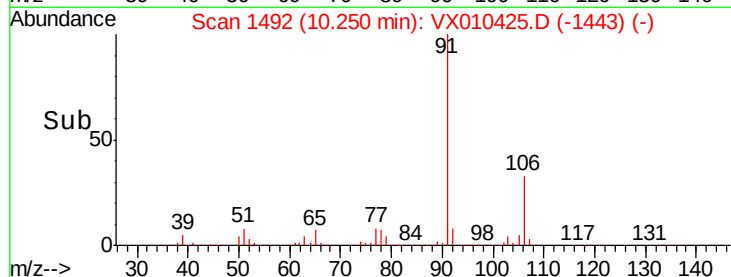
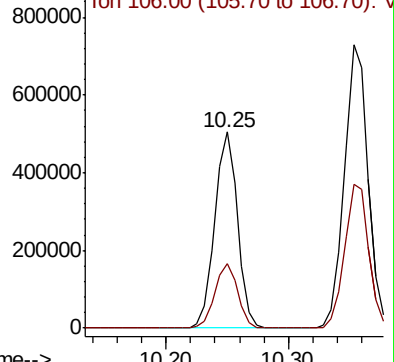
Ion Ratio Lower Upper

91 100

106 33.0 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)



#68

m/p-Xylenes

Concen: 101.081 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010425.D

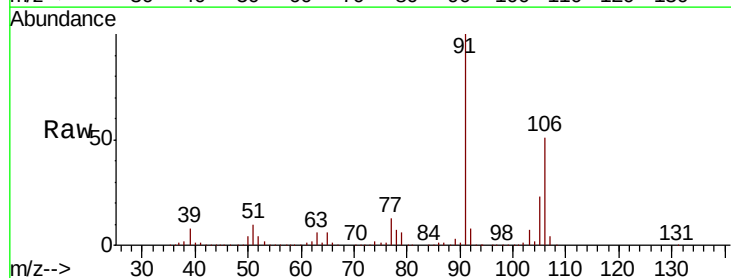
Acq: 25 Jun 2019 09:16

Tgt Ion: 106 Resp: 509730

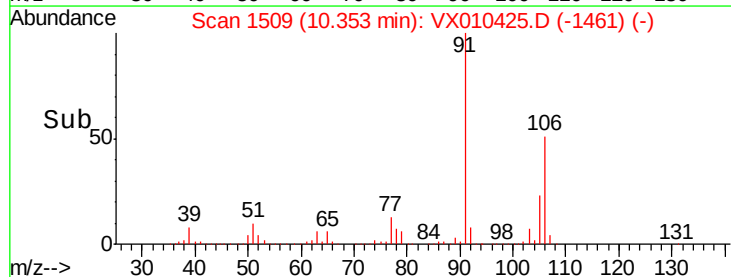
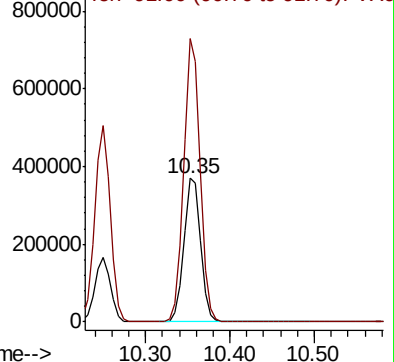
Ion Ratio Lower Upper

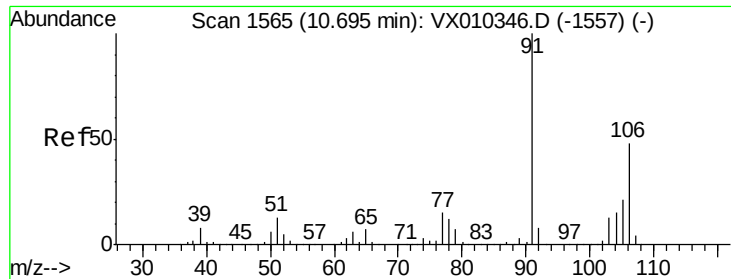
106 100

91 192.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

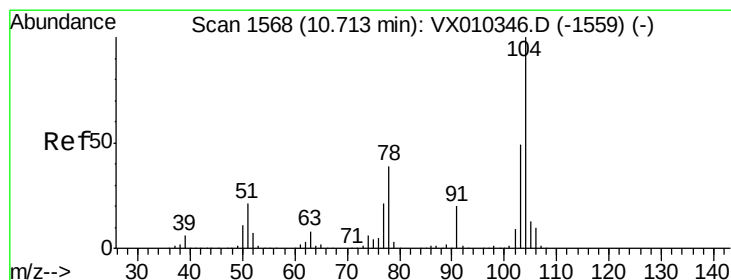
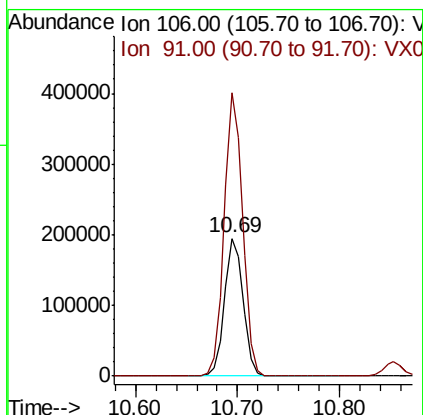
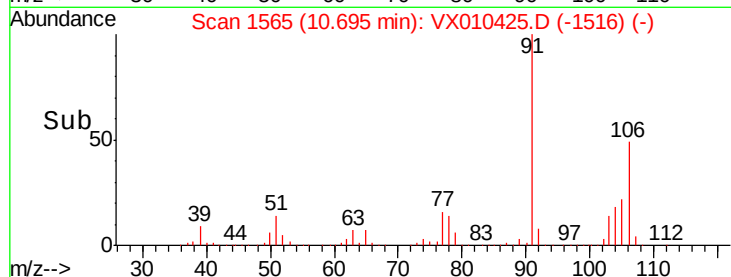
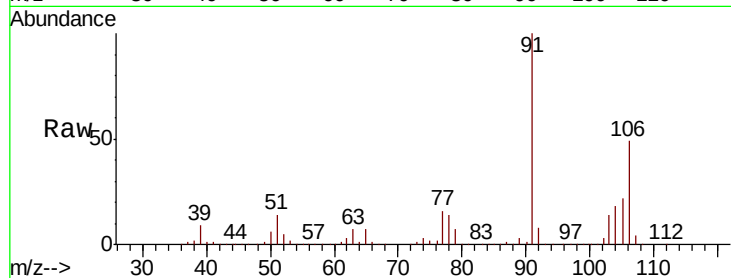




#69
o-Xylene
Concen: 49.813 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

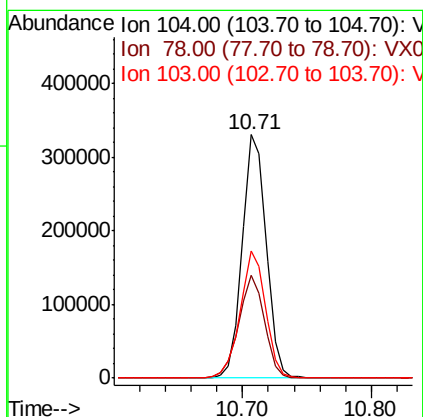
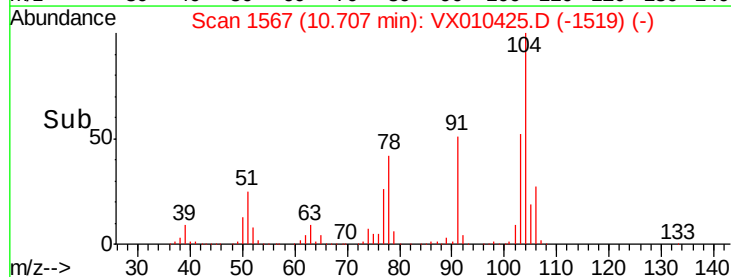
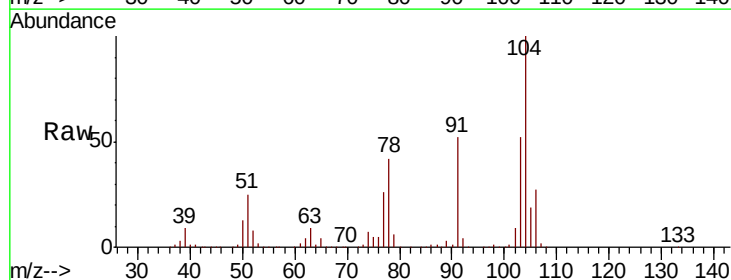
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

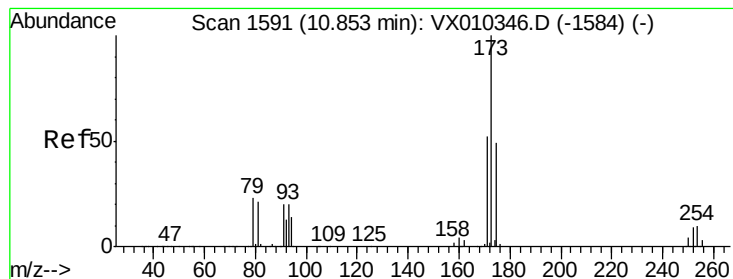
Tot Ion:106 Resp: 247028
Ion Ratio Lower Upper
106 100
91 204.5 102.7 308.1



#70
Styrene
Concen: 51.009 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:104 Resp: 424223
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 52.420 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

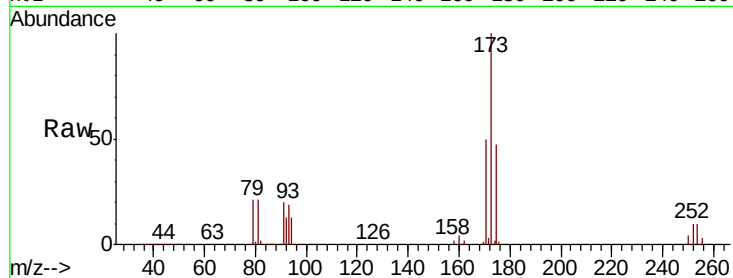
Tot Ion:173 Resp: 128007

Ion Ratio Lower Upper

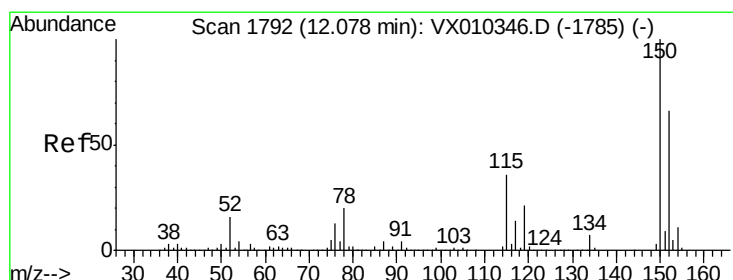
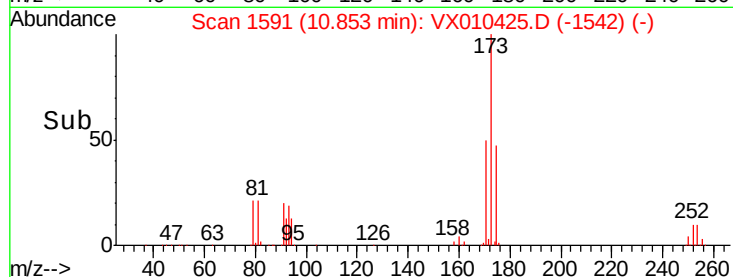
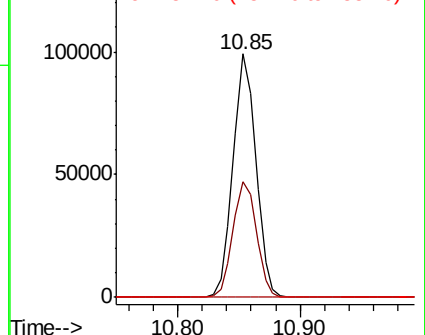
173 100

175 49.1 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

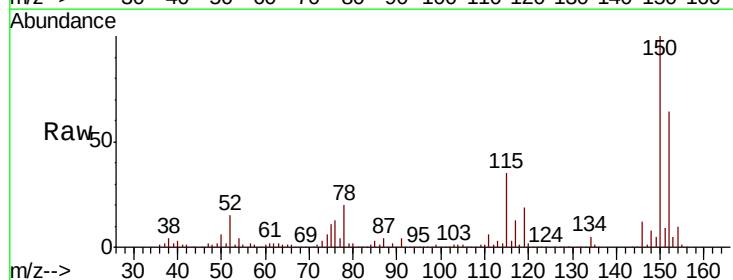
Tgt Ion:152 Resp: 197034

Ion Ratio Lower Upper

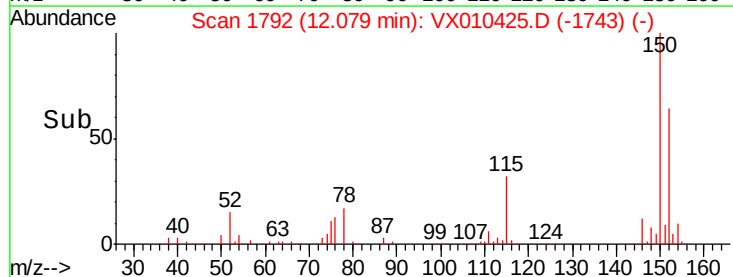
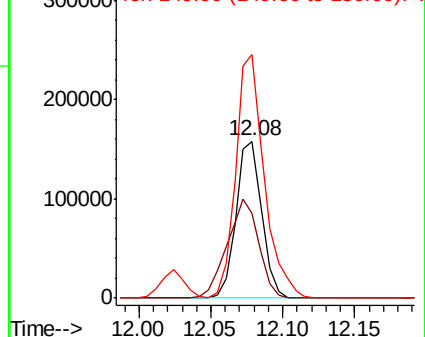
152 100

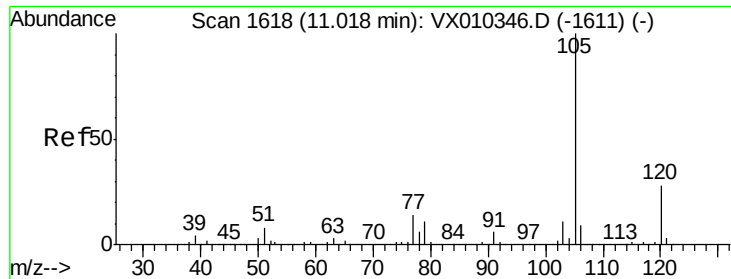
115 77.5 38.6 115.7

150 172.5 0.0 347.4



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: 50.035 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

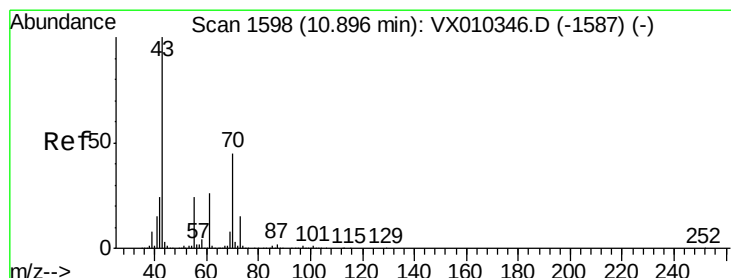
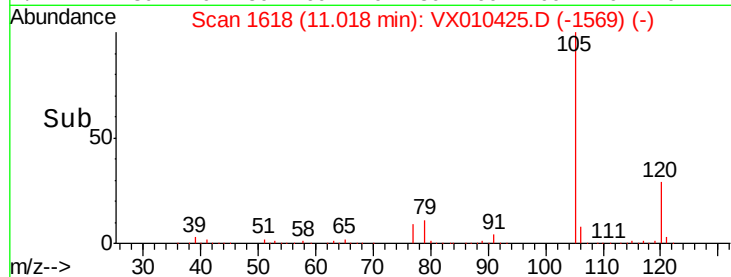
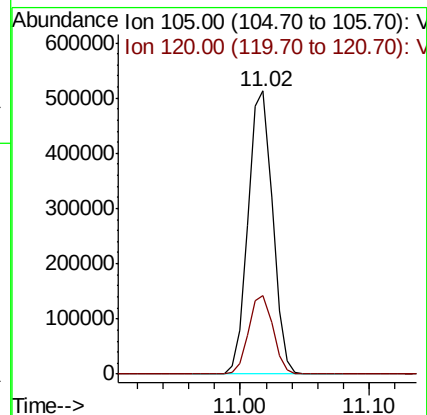
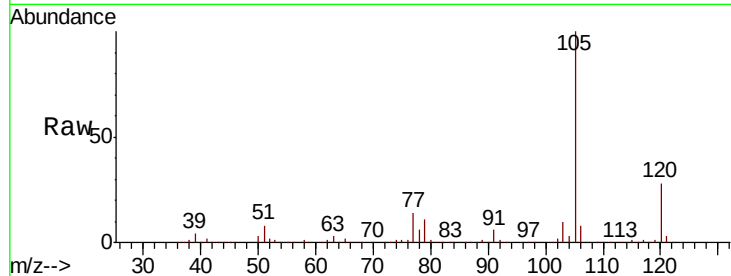
VSTDCCC050

Tot Ion:105 Resp: 668294

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 50.078 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion: 43 Resp: 252781

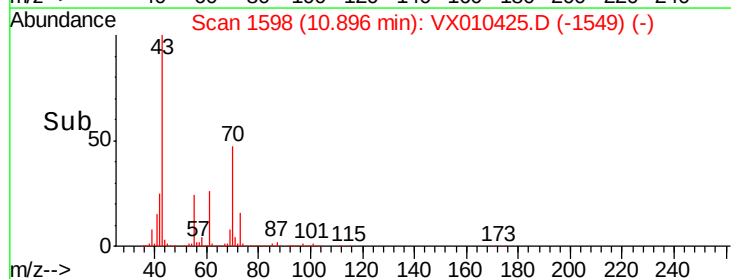
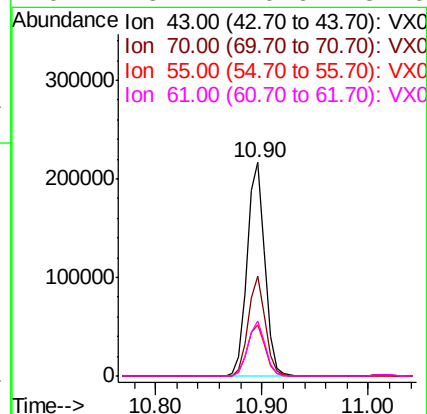
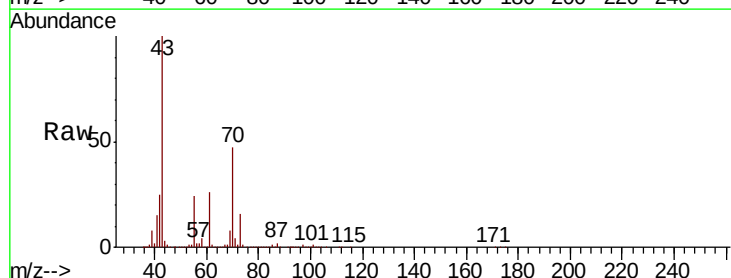
Ion Ratio Lower Upper

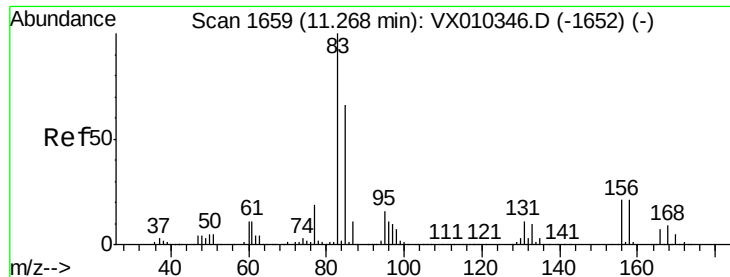
43 100

70 45.2 36.6 54.8

55 24.0 18.7 28.1

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.720 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

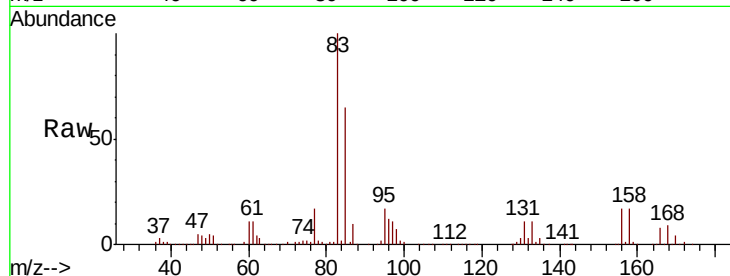
Tot Ion: 83 Resp: 211081

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

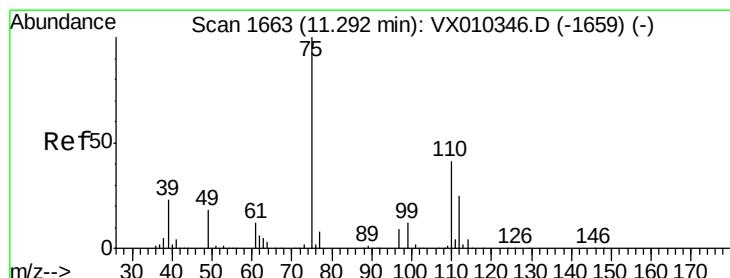
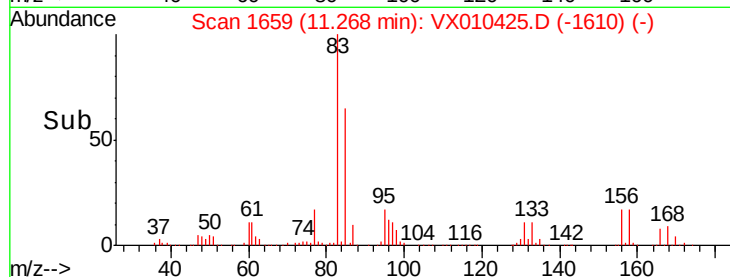
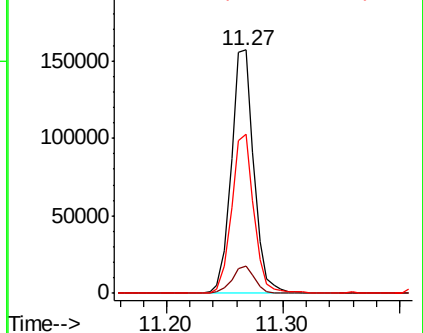
85 64.5 32.3 96.8



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: 68.200 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010425.D

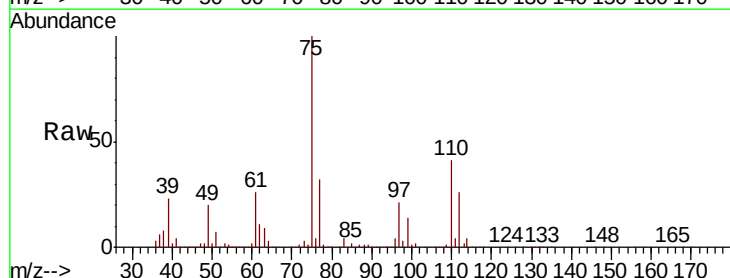
Acq: 25 Jun 2019 09:16

Tgt Ion: 75 Resp: 244870

Ion Ratio Lower Upper

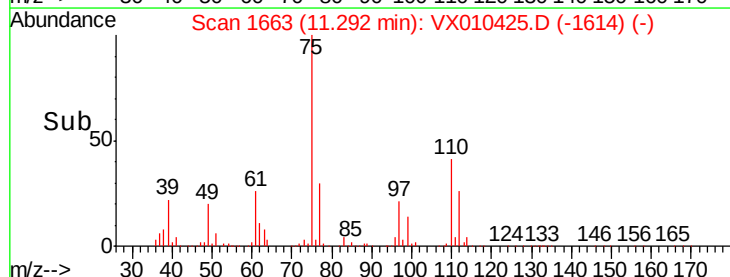
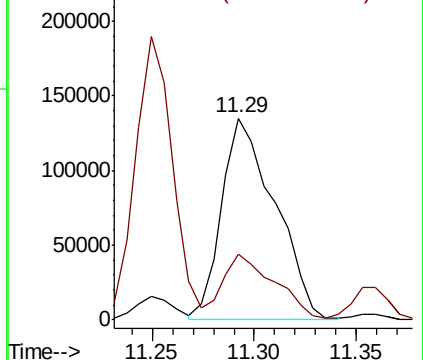
75 100

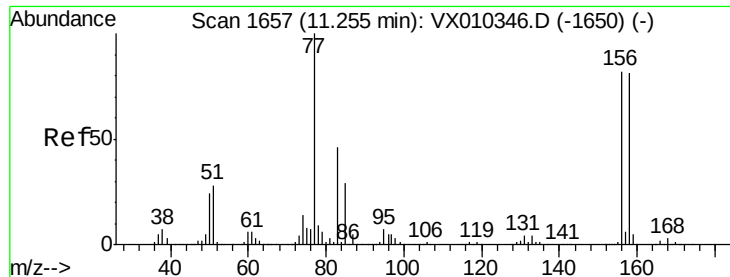
77 31.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.722 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

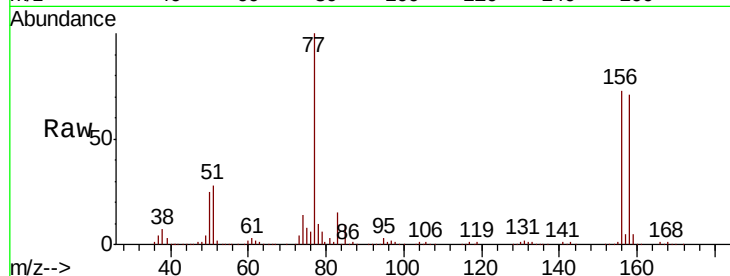
Tot Ion:156 Resp: 181708

Ion Ratio Lower Upper

156 100

77 132.4 66.3 198.7

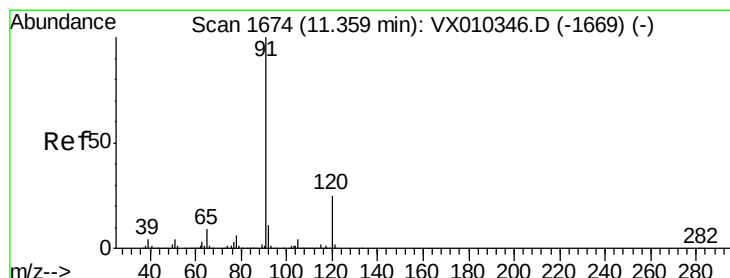
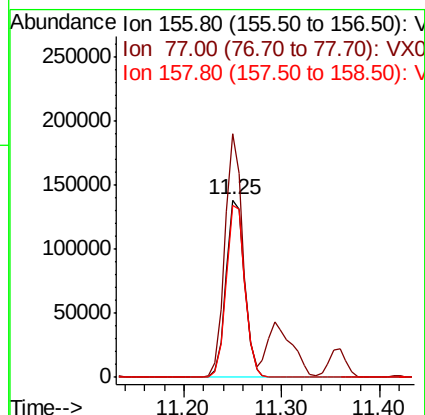
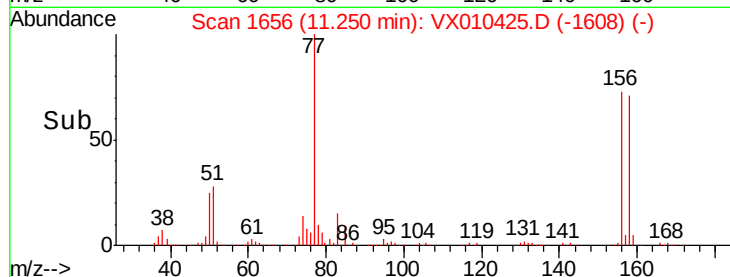
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.152 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010425.D

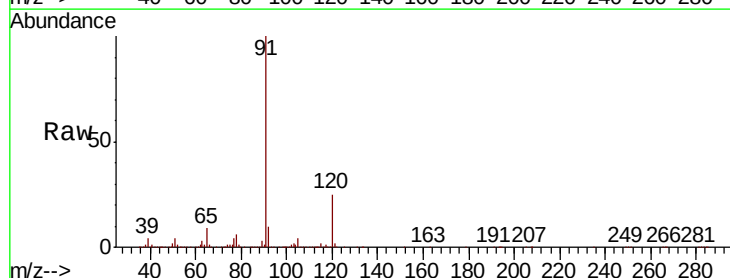
Acq: 25 Jun 2019 09:16

Tgt Ion: 91 Resp: 750881

Ion Ratio Lower Upper

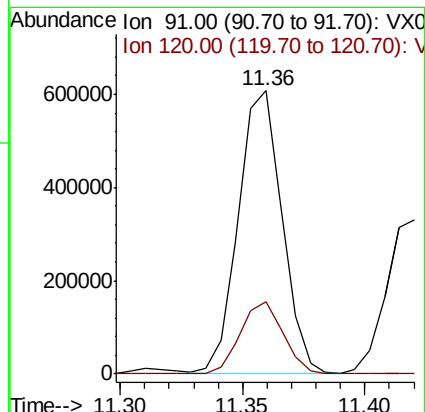
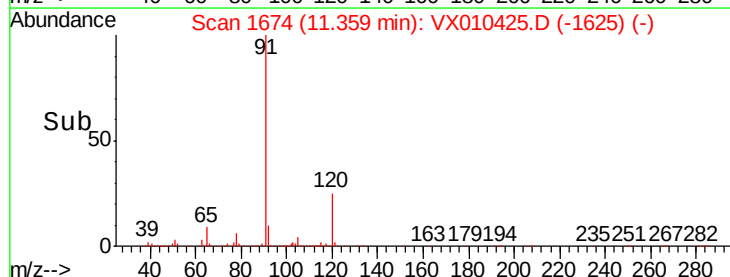
91 100

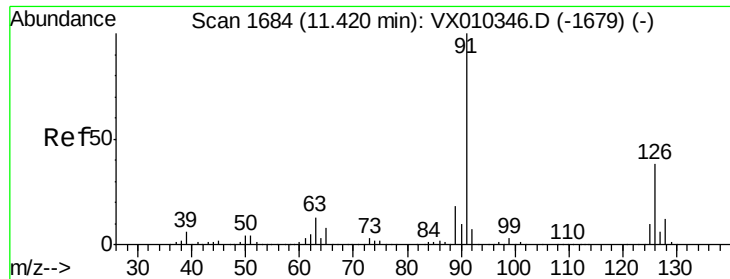
120 25.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

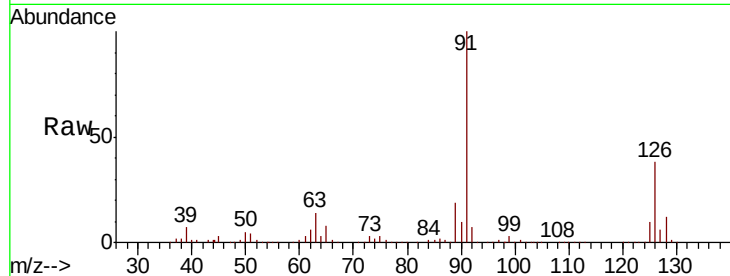




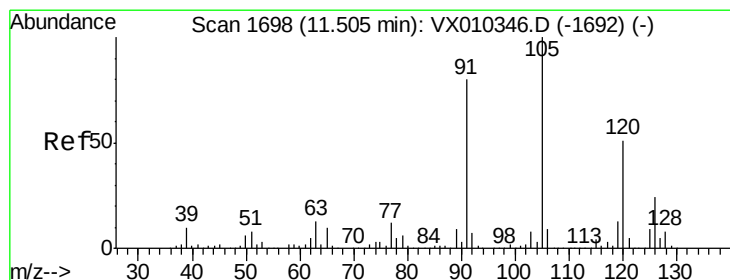
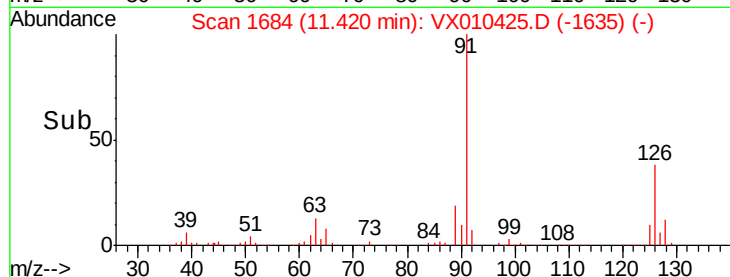
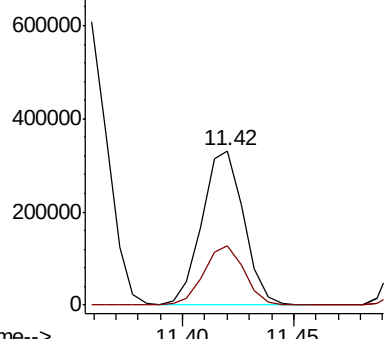
#79
2-Chlorotoluene
Concen: 49.362 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 431480
Ion Ratio Lower Upper
91 100
126 37.5 18.7 56.1

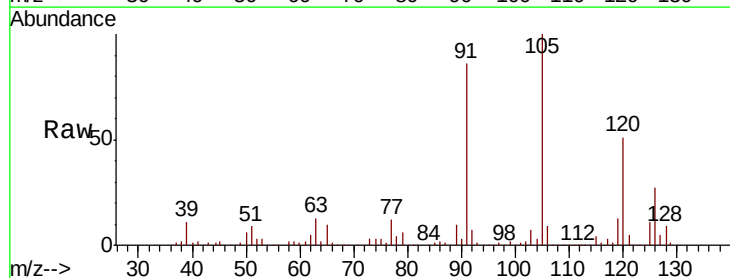


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

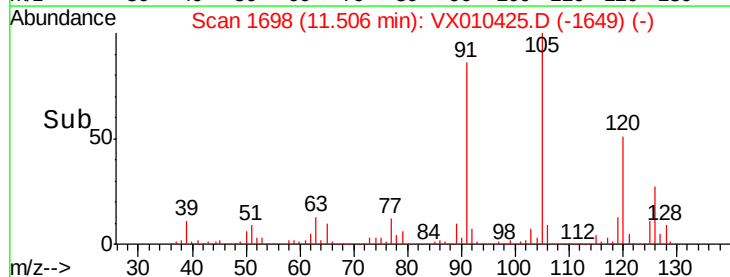
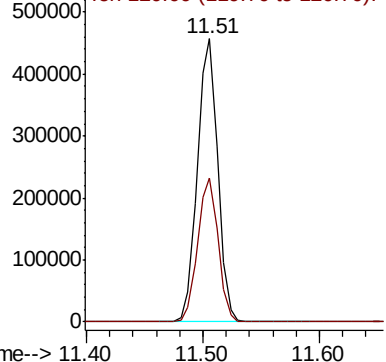


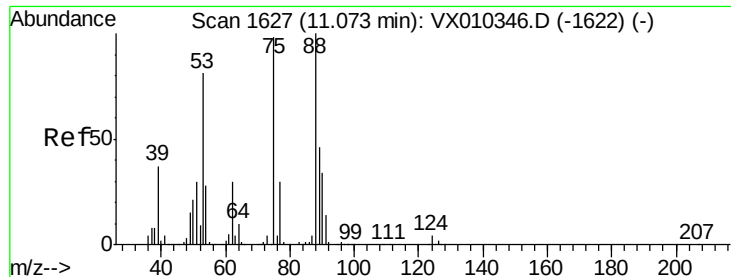
#80
1,3,5-Trimethylbenzene
Concen: 50.071 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:105 Resp: 551322
Ion Ratio Lower Upper
105 100
120 51.1 25.2 75.6



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: 49.265 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

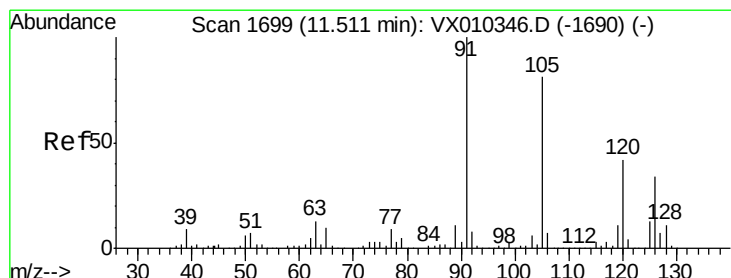
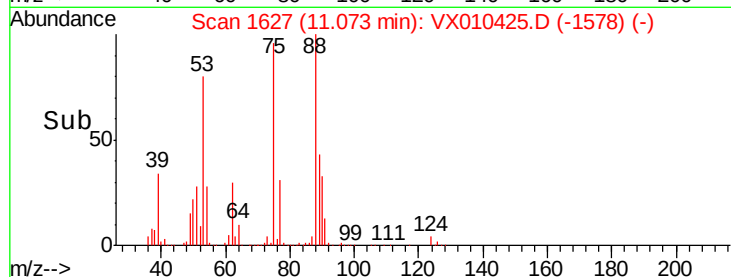
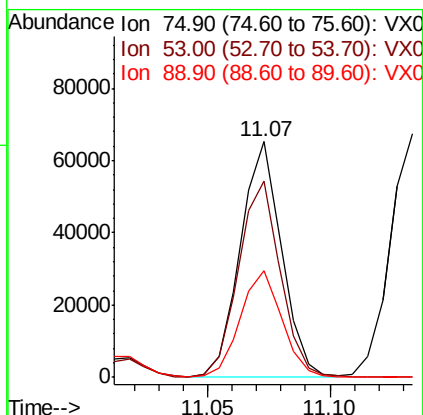
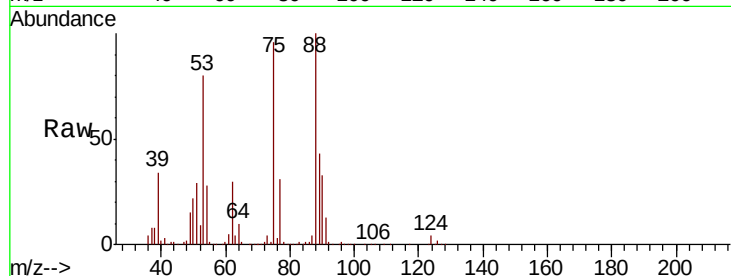
Tot Ion: 75 Resp: 75822

Ion Ratio Lower Upper

75 100

53 85.1 66.1 99.1

89 46.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.399 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010425.D

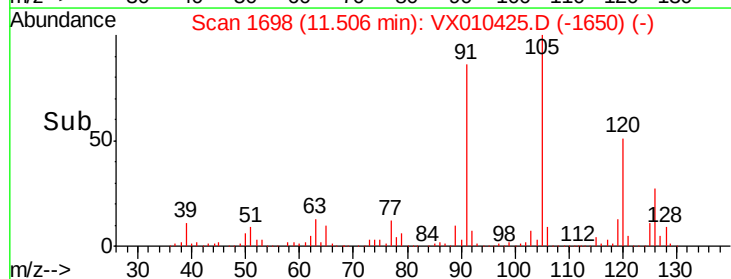
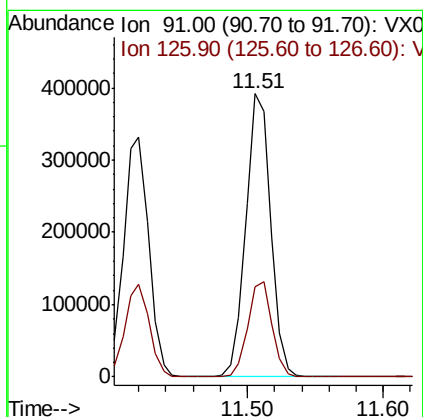
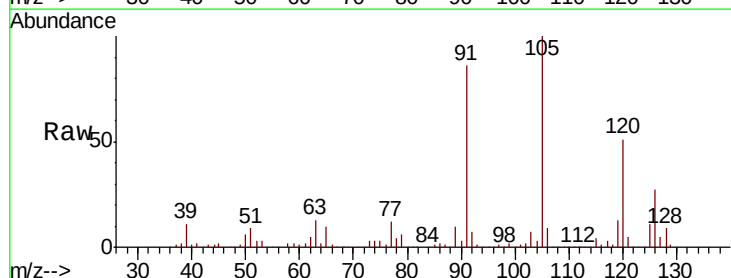
Acq: 25 Jun 2019 09:16

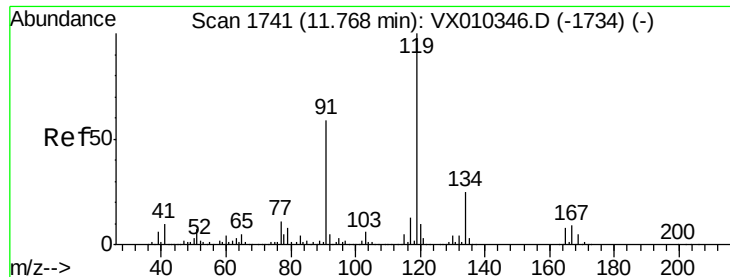
Tgt Ion: 91 Resp: 501293

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6

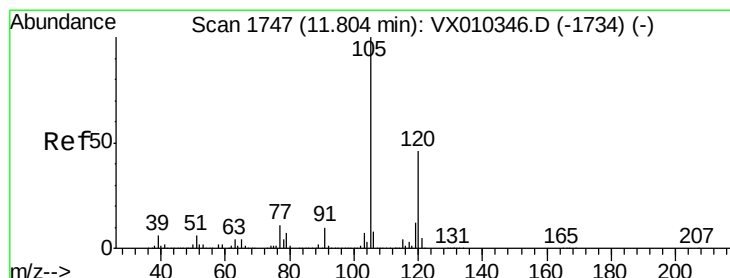
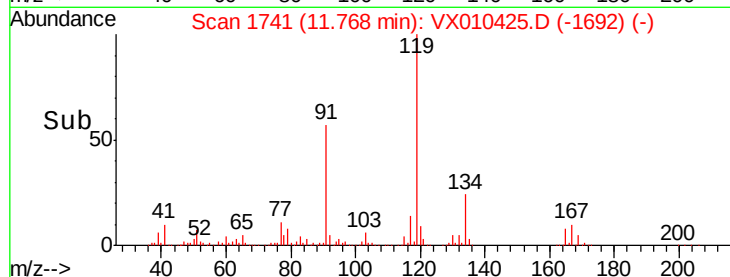
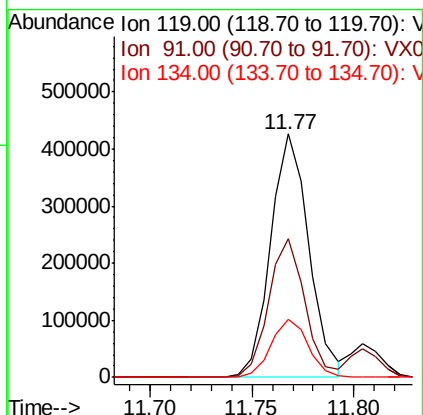
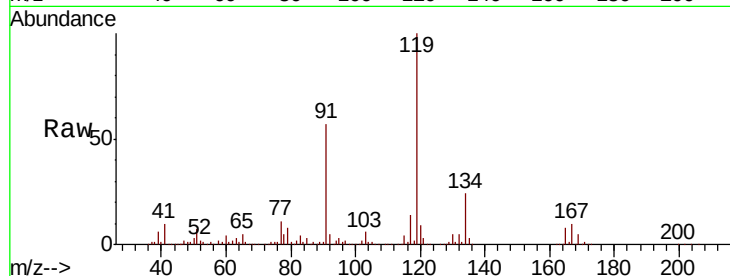




#83
 tert-Butylbenzene
 Concen: 50.436 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

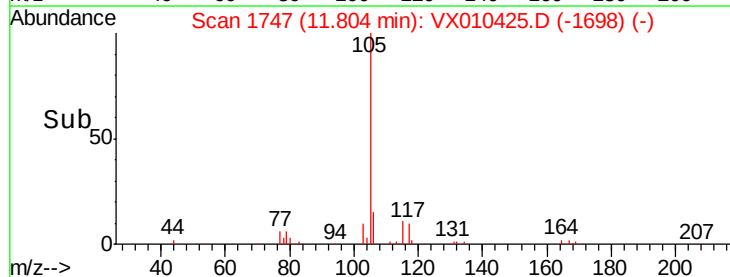
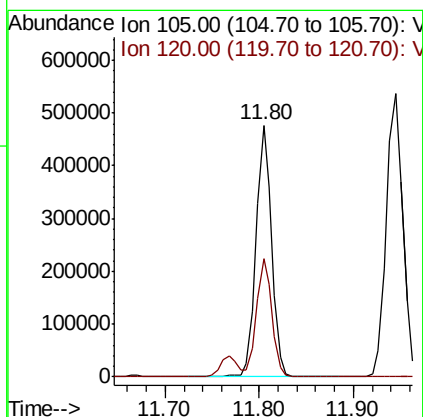
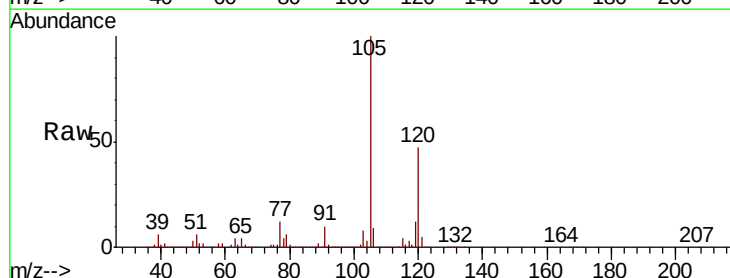
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

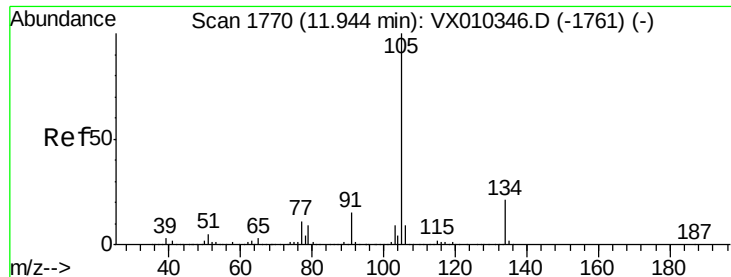
Tot Ion:119 Resp: 557383
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.6 82.7
 134 23.3 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.532 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion:105 Resp: 559001
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.634 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

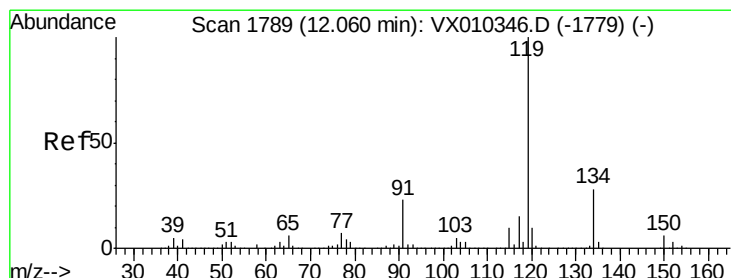
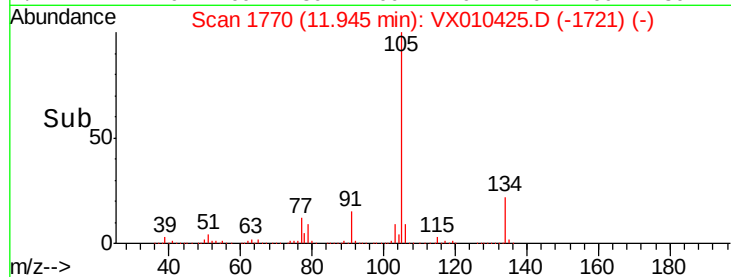
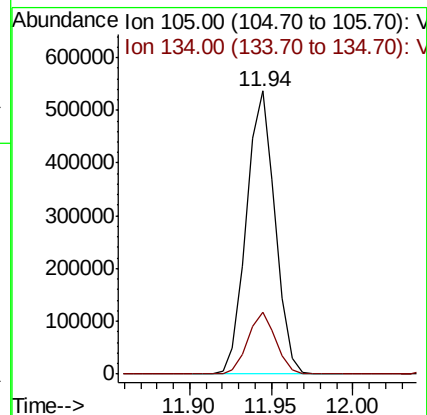
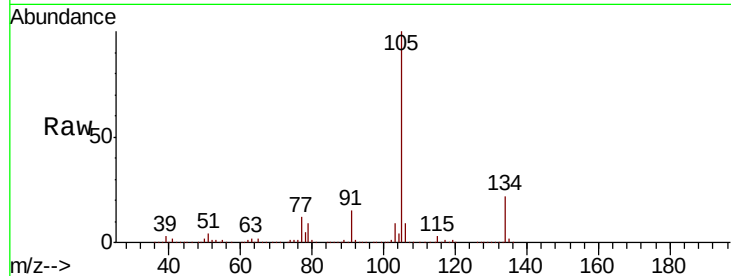
VSTDCCC050

Tot Ion:105 Resp: 657012

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 51.568 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

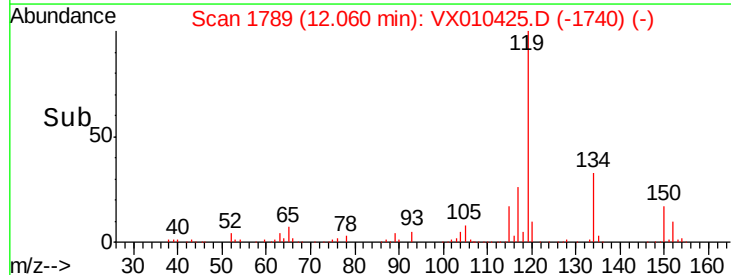
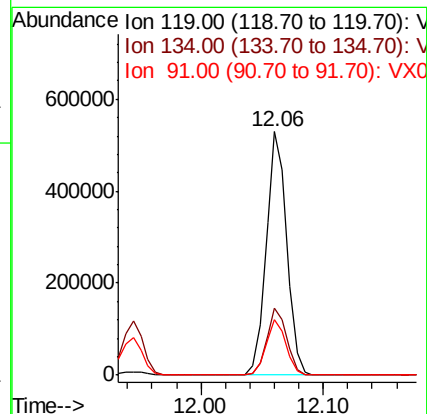
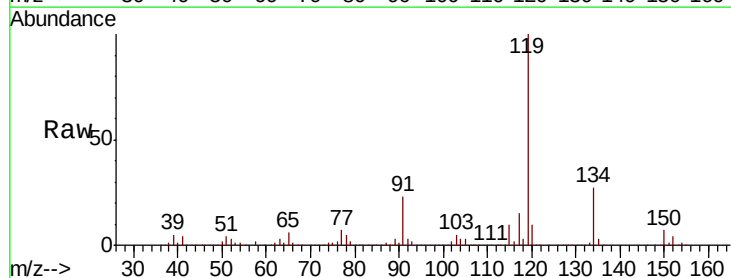
Tgt Ion:119 Resp: 618929

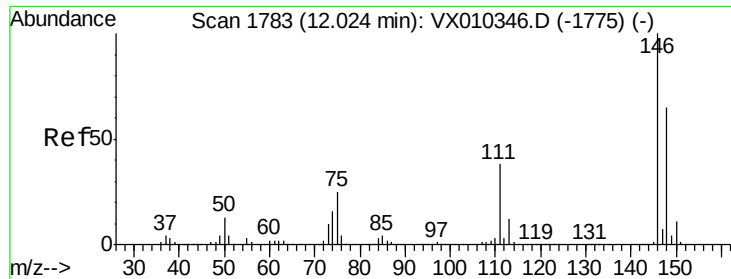
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.2 11.3 33.8

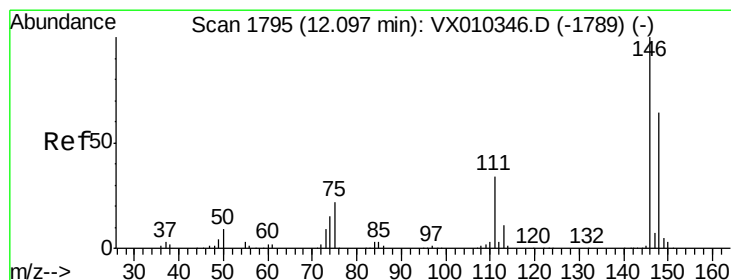
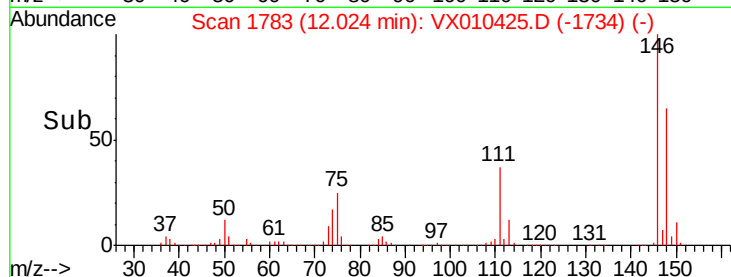
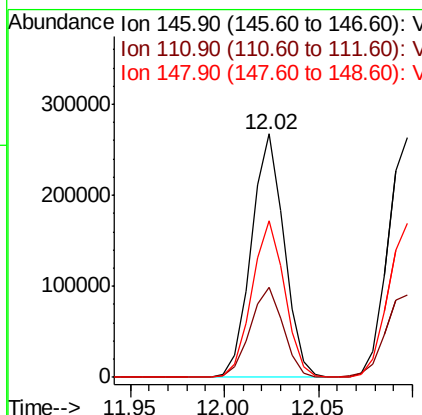
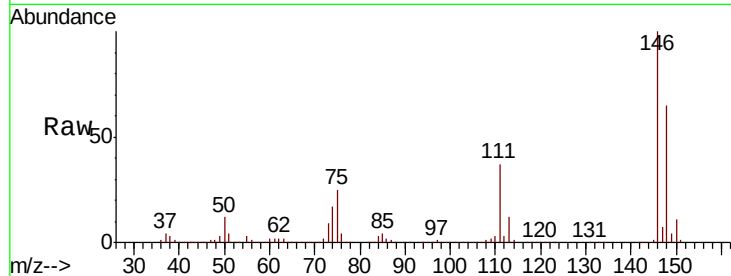




#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

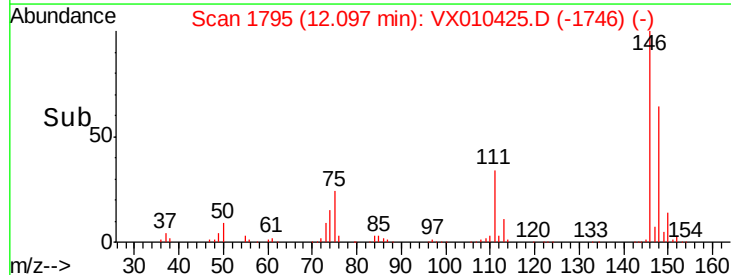
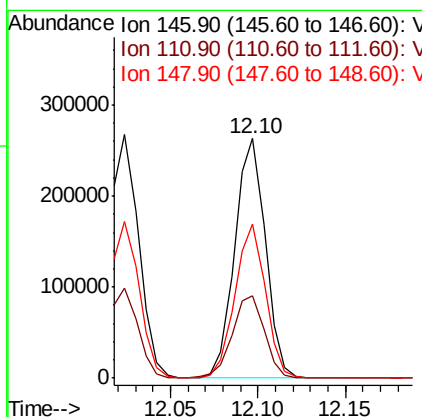
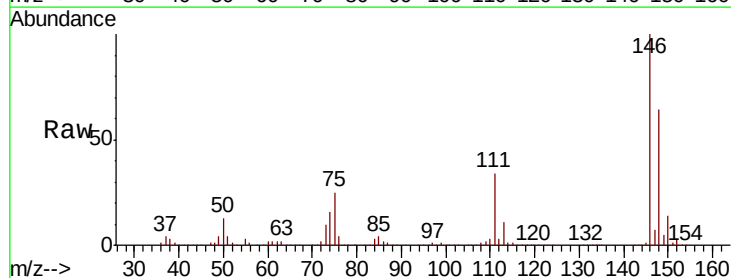
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

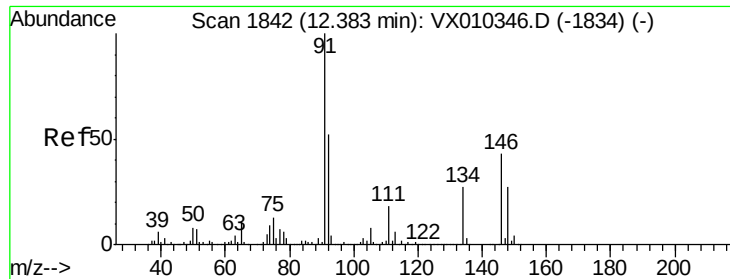
Tot Ion:146 Resp: 322414
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.313 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion:146 Resp: 320197
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 63.8 32.1 96.3

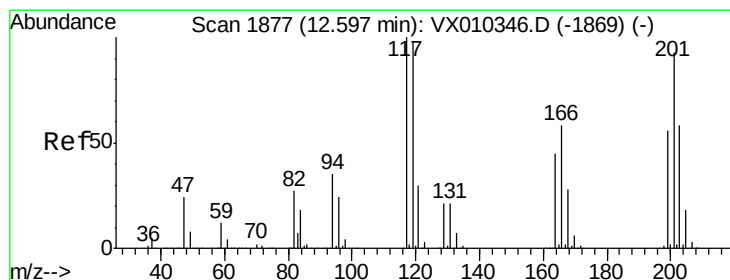
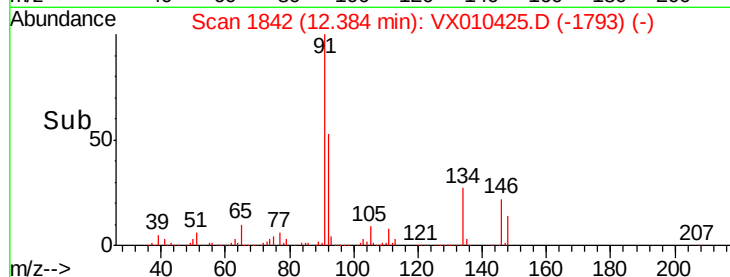
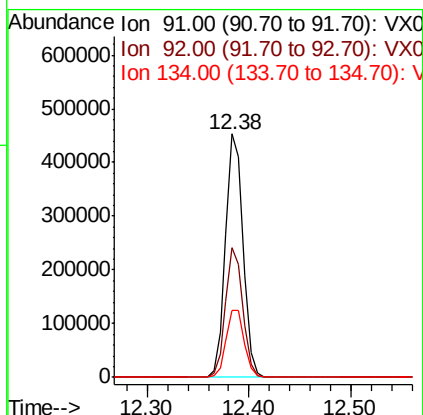
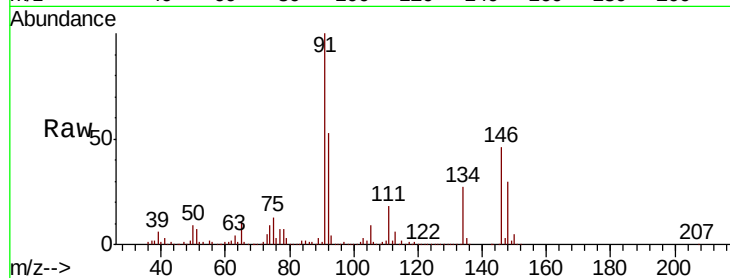




#89
n-Butylbenzene
Concen: 52.858 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

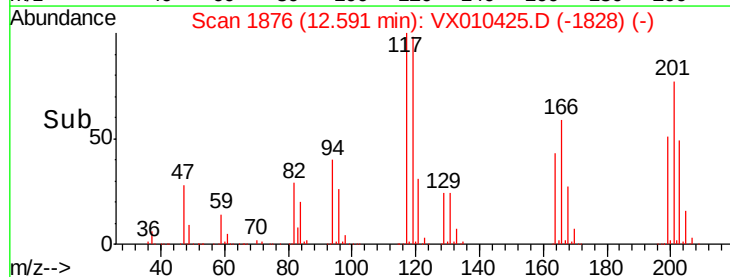
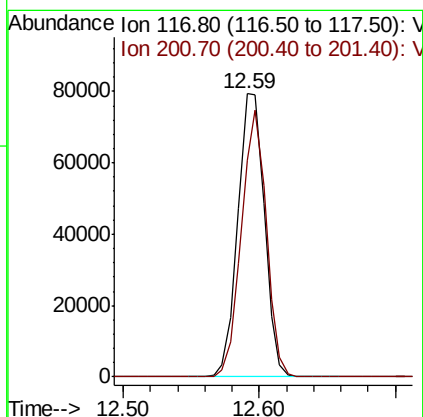
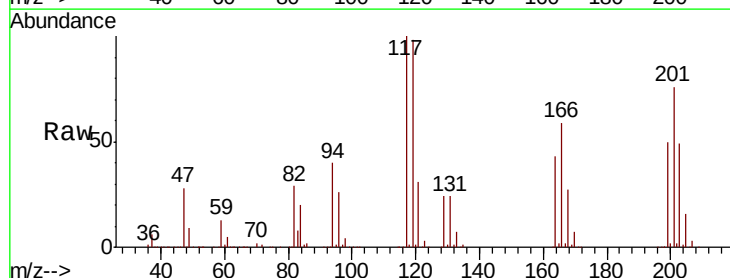
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

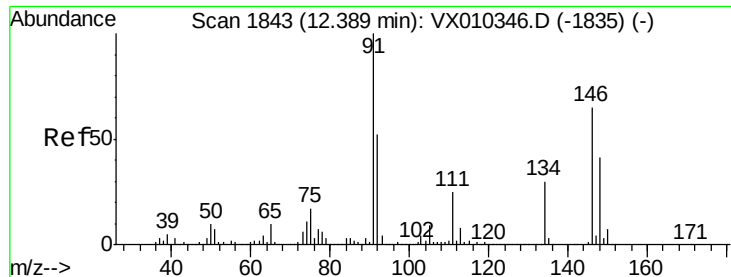
Tot Ion: 91 Resp: 539097
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 52.202 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 117 Resp: 108337
Ion Ratio Lower Upper
117 100
201 87.9 44.0 131.8

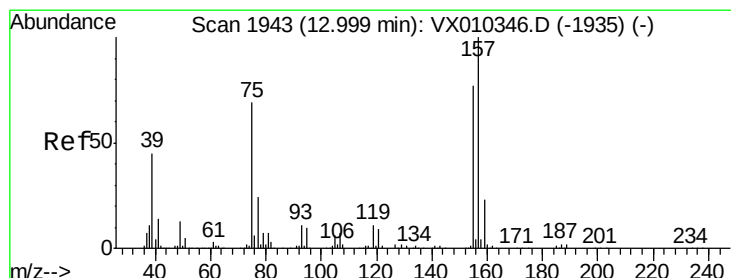
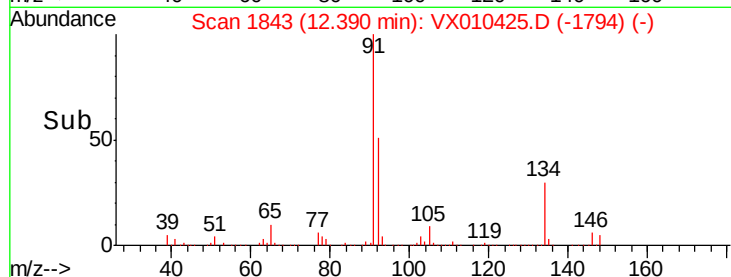
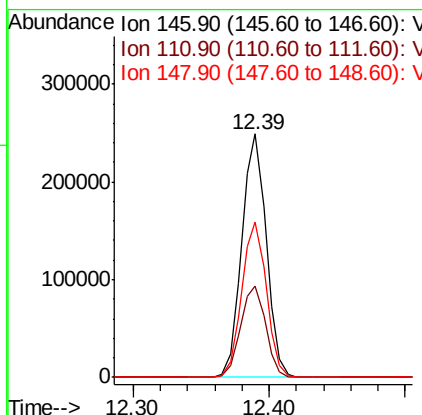
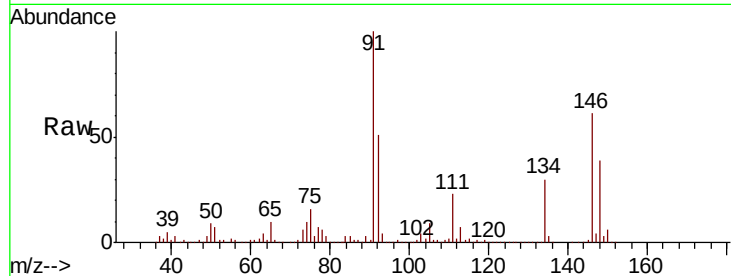




#91
1,2-Dichlorobenzene
Concen: 48.206 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

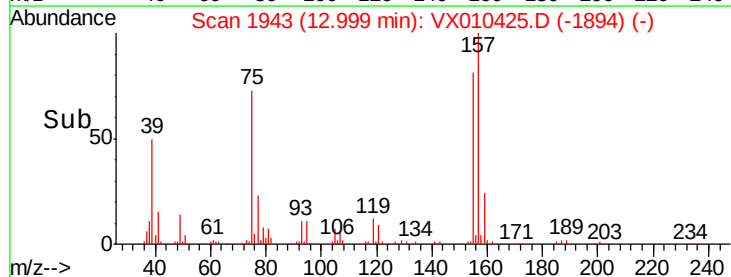
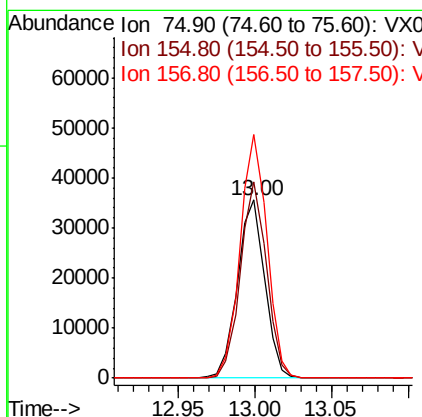
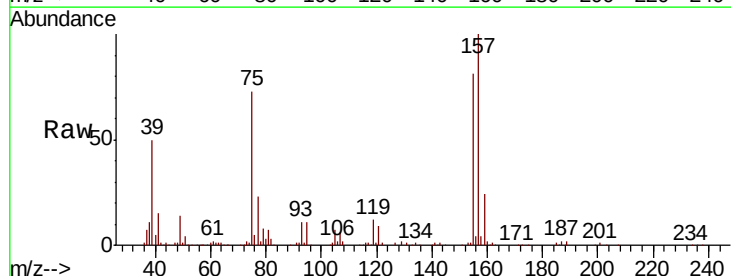
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

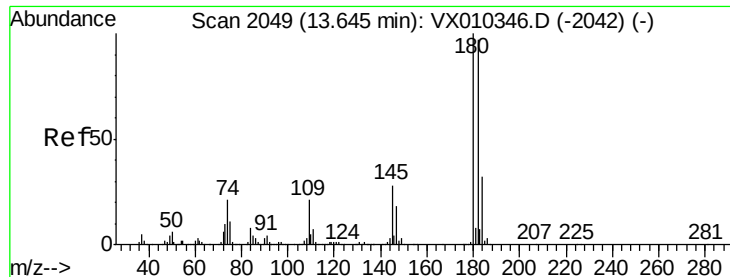
Tot Ion:146 Resp: 311903
Ion Ratio Lower Upper
146 100
111 38.2 19.2 57.6
148 64.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.195 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 75 Resp: 44056
Ion Ratio Lower Upper
75 100
155 106.1 54.4 163.1
157 134.5 69.5 208.3

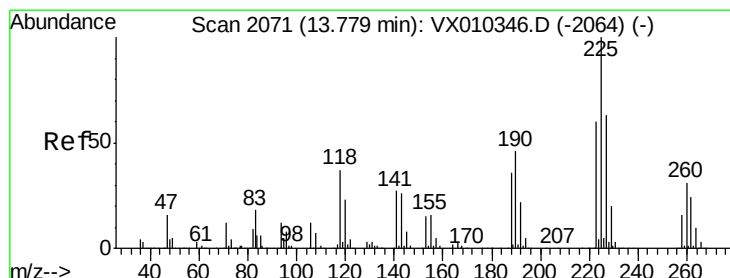
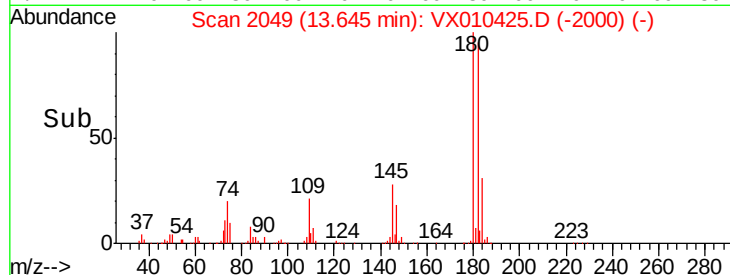
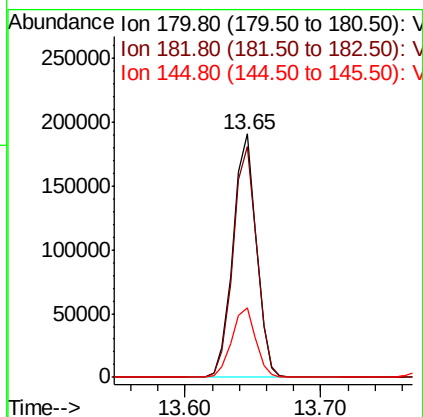
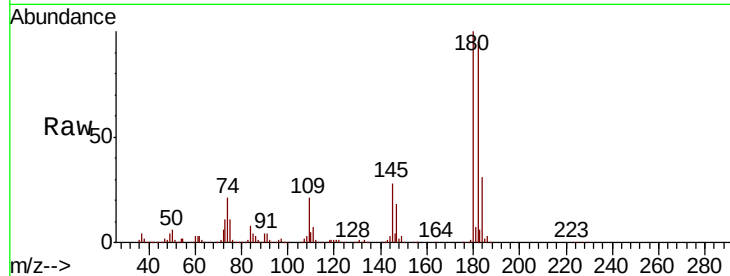




#93
 1,2,4-Trichlorobenzene
 Concen: 51.044 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

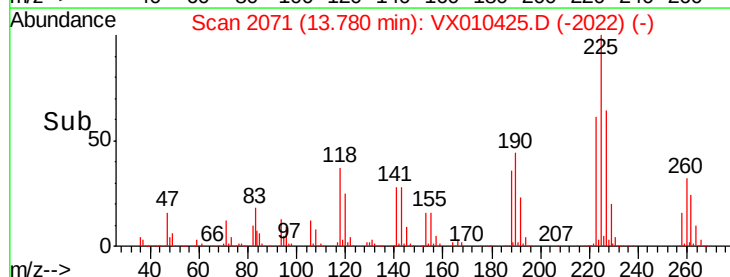
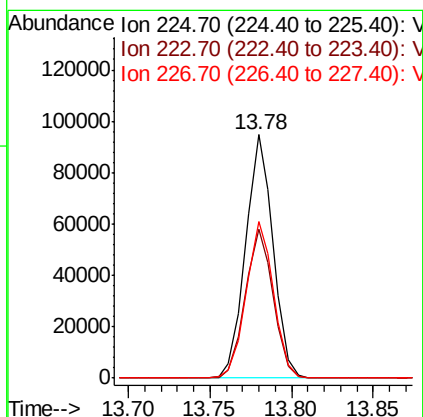
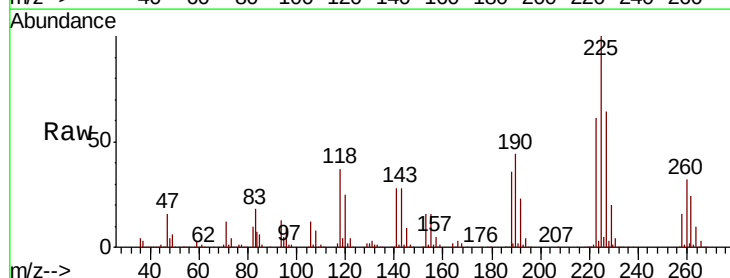
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

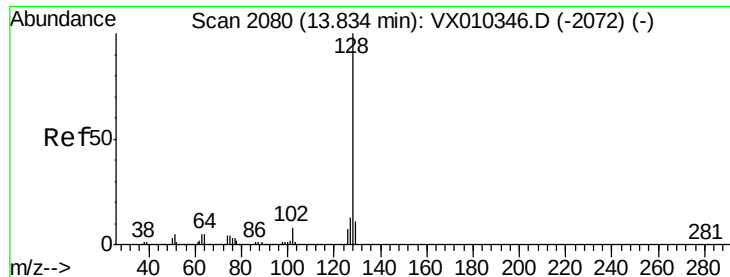
Tot Ion:180 Resp: 229033
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.0
 145 29.2 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 50.755 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion:225 Resp: 111304
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.7
 227 64.2 31.9 95.5

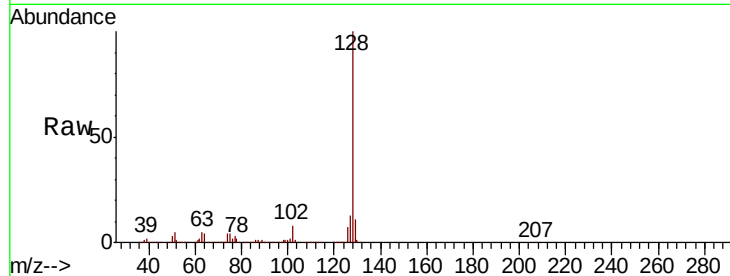




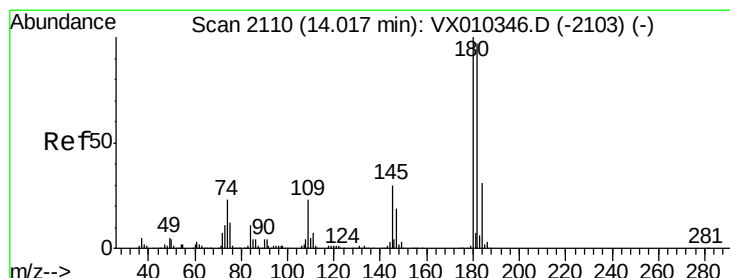
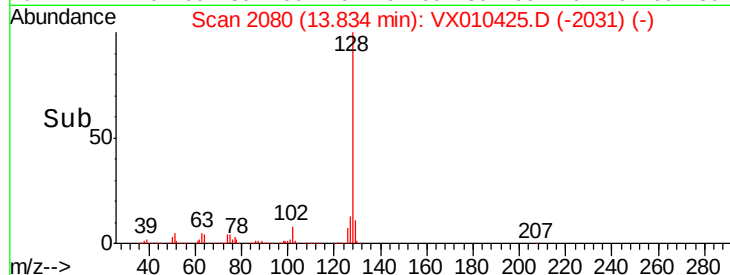
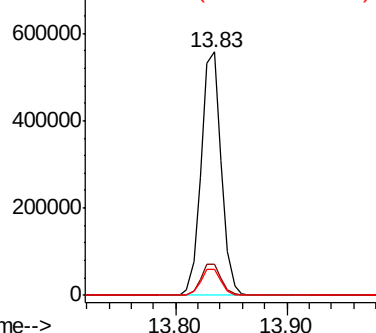
#95
Naphthalene
Concen: 50.138 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 691348
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

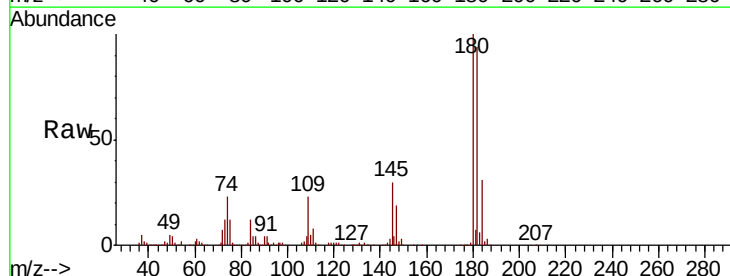


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.801 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:180 Resp: 226634
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 30.3 15.2 45.6



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

