

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
 Data File : VX008473.D
 Acq On : 27 Mar 2019 10:53
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Mar 27 11:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 11:27:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36390	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	210121	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	187348	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	90730	36.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	121.63%
60) 4-Bromofluorobenzene	11.13	95	98051	32.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.17%
63) Toluene-d8	8.71	98	268221	31.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.93%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	123001	62.996	ug/l 99
3) Chloromethane	1.32	50	159438	79.864	ug/l 97
4) Vinyl Chloride	1.41	62	159634	70.947	ug/l 98
5) Bromomethane	1.64	94	83144	20.384	ug/l 98
6) Chloroethane	1.71	64	97685	61.087	ug/l 95
7) Trichlorofluoromethane	1.93	101	179507	50.116	ug/l 100
8) Diethyl Ether	2.19	74	83918	60.410	ug/l 81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111249	56.160	ug/l 92
10) 1,1-Dichloroethene	2.37	96	113619	58.108	ug/l 85
11) Methyl Iodide	2.51	142	122003	41.276	ug/l 96
12) Methyl Acetate	3.19	43	91028	42.664	ug/l 91
13) Acrolein	2.29	56	127304	380.867	ug/l 98
14) Acrylonitrile	3.14	53	422684	399.190	ug/l 99
15) Acetone	2.44	58	134195	323.193	ug/l 91
16) Carbon Disulfide	2.57	76	348604	64.299	ug/l 99
17) Allyl chloride	2.73	41	254172	88.093	ug/l 92
18) Methylene Chloride	2.85	84	133607	63.476	ug/l 88
19) trans-1,2-Dichloroethene	3.17	96	120036	57.832	ug/l 88
20) Diisopropyl ether	3.85	45	491420	81.456	ug/l # 89
21) 1,1-Dichloroethane	3.70	63	247446	69.448	ug/l 96
22) cis-1,2-Dichloroethene	4.60	96	139312	58.193	ug/l # 81
23) tert-Butyl Alcohol	3.05	59	172646	401.635	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	413650	65.849	ug/l 99
25) Chloroform	5.21	83	221966	58.727	ug/l 94
26) Cyclohexane	5.58	56	240351	76.276	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	176533	59.153	ug/l 93
30) 2-Butanone	4.67	43	653212	380.008	ug/l 94
31) 2,2-Dichloropropane	4.59	77	176272	62.735	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	182097	51.858	ug/l 95
33) Carbon Tetrachloride	5.78	117	152568	47.309	ug/l 98
34) Benzene	6.14	78	533295	59.990	ug/l # 96
35) Methacrylonitrile	5.04	41	129695	81.000	ug/l 92
36) 1,2-Dichloroethane	6.19	62	190428	58.117	ug/l 97
37) Trichloroethene	7.21	130	122677	46.936	ug/l 84
38) Methylcyclohexane	7.46	83	221306	59.168	ug/l 88
39) 1,2-Dichloropropane	7.51	63	150263	66.429	ug/l 100
40) Dibromomethane	7.66	93	87438	52.704	ug/l 89

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 VSTDIC050

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	174716	55.500	ug/l	99
42) Vinyl Acetate	3.81	43	2211505	382.774	ug/l #	94
43) Ethyl Acetate	4.83	43	233615	76.994	ug/l #	82
44) Isopropyl Acetate	6.45	43	376475	78.842	ug/l	98
45) 1,4-Dioxane	7.74	88	76348	1271.206	ug/l #	83
46) Methyl methacrylate	7.77	41	190769	81.420	ug/l	88
47) n-amyl Acetate	10.90	43	356707	87.130	ug/l	93
48) t-1,3-Dichloropropene	9.04	75	197710	62.728	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	223908	63.664	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	130076	54.577	ug/l	97
51) Ethyl methacrylate	9.18	69	242773	69.771	ug/l	91
52) 1,3-Dichloropropane	9.37	76	230339	60.261	ug/l	99
53) Dibromochloromethane	9.58	129	128173	47.707	ug/l	99
54) 1,2-Dibromoethane	9.67	107	133500	51.053	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	619119	353.661	ug/l	95
56) Bromoform	10.85	173	94660	44.628	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1231604	390.442	ug/l	95
59) 2-Hexanone	9.49	43	1002137	401.620	ug/l	97
61) Tetrachloroethene	9.34	164	100281	39.764	ug/l	98
62) Toluene	8.79	91	559992	56.312	ug/l	99
64) Chlorobenzene	10.13	112	329323	51.368	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	116164	47.442	ug/l	97
66) Ethyl Benzene	10.25	91	625293	58.141	ug/l	95
67) m/p-Xylenes	10.36	106	453922	106.195	ug/l	90
68) o-Xylene	10.69	106	222700	54.236	ug/l	93
69) Styrene	10.71	104	388868	56.095	ug/l	96
70) Isopropylbenzene	11.02	105	587900	54.418	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	225388	61.181	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	258381	87.070	ug/l	90
73) Bromobenzene	11.26	156	140373	46.962	ug/l	78
74) n-propylbenzene	11.36	91	700187	58.145	ug/l	94
75) 2-Chlorotoluene	11.42	91	414901	57.693	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	497828	53.941	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	74381	70.753	ug/l	91
78) 4-Chlorotoluene	11.51	91	476227	56.266	ug/l	91
79) tert-butylbenzene	12.06	119	510432	52.578	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	500688	54.595	ug/l	96
81) sec-Butylbenzene	11.94	105	569457	54.095	ug/l	96
82) p-Isopropyltoluene	12.06	119	510432	52.578	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	247267	47.661	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	249488	48.290	ug/l	96
85) n-Butylbenzene	12.38	91	489168	58.578	ug/l	97
86) Hexachloroethane	12.59	117	85962	51.377	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	254210	49.685	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	50912	60.371	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	178439	49.277	ug/l	99
90) Hexachlorobutadiene	13.78	225	84625	46.423	ug/l	97
91) Naphthalene	13.83	128	608458	55.946	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	177308	48.434	ug/l	99

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VSTDICC050

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 11:27:58 2019
Response via : Initial Calibration

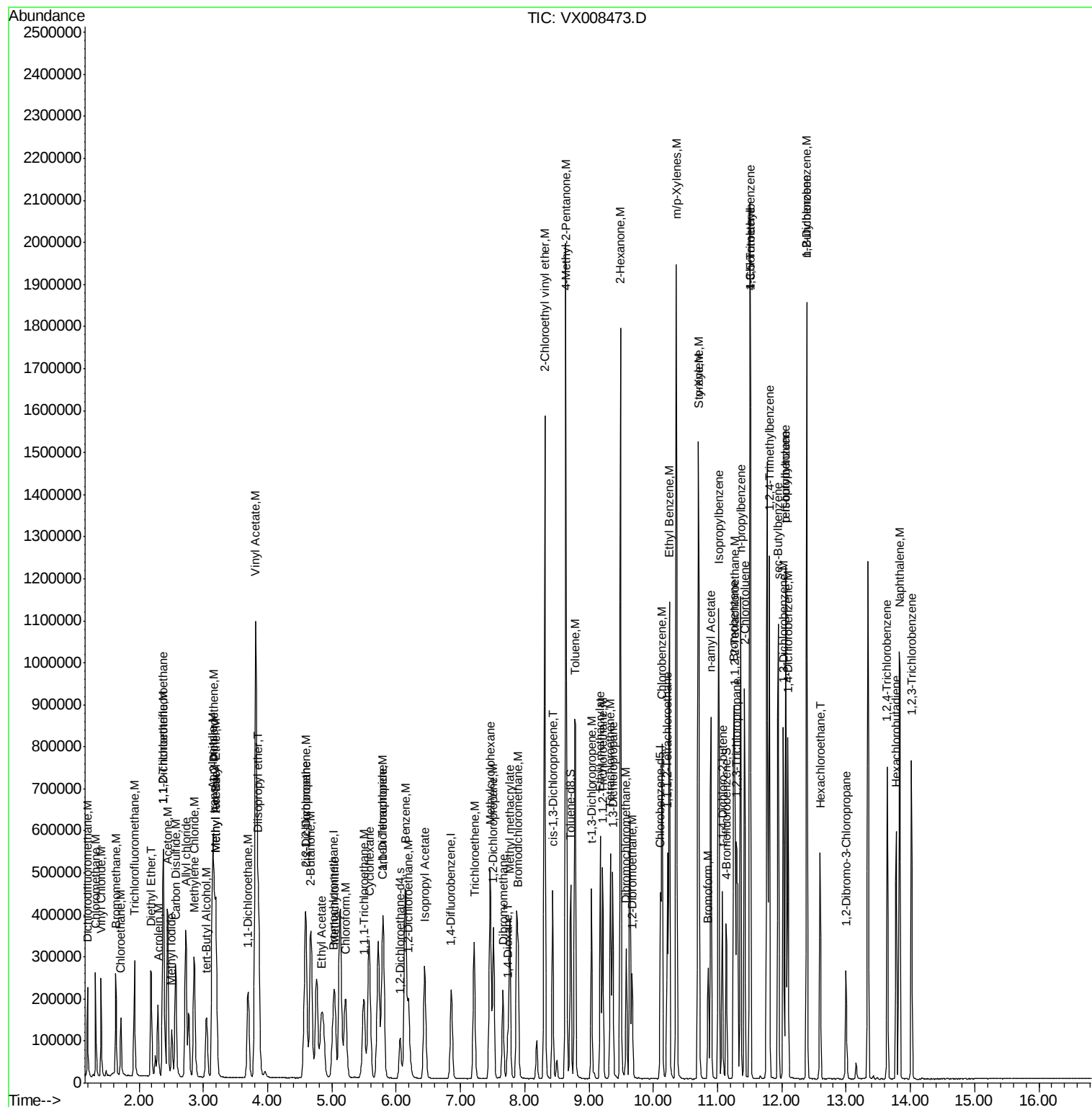
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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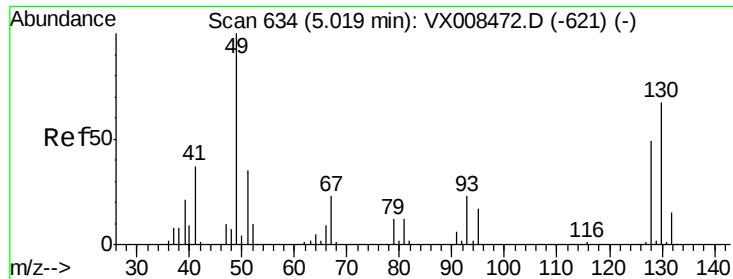
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC050

Quant Time: Mar 27 11:30:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 11:27:58 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

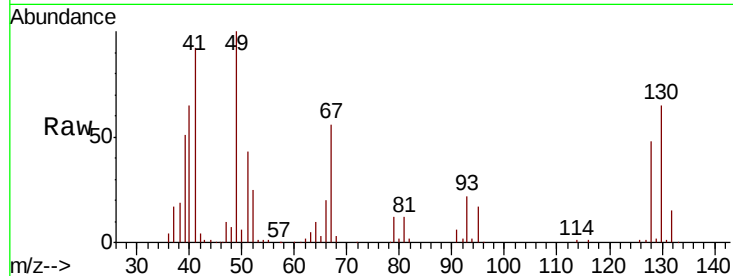
Tgt Ion:128 Resp: 36390

Ion Ratio Lower Upper

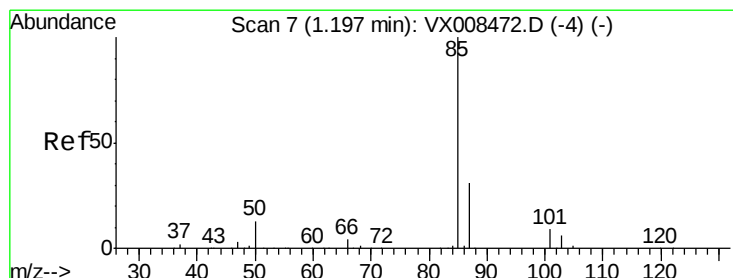
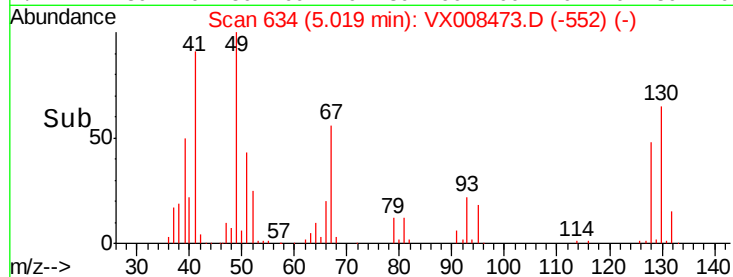
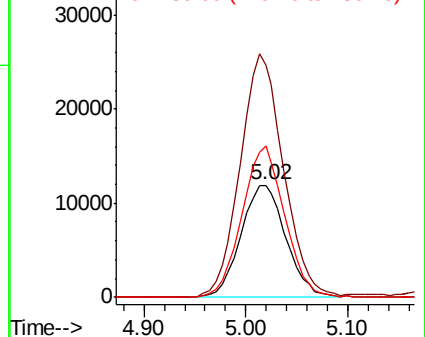
128 100

49 208.2 0.0 350.8

130 128.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 62.996 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008473.D

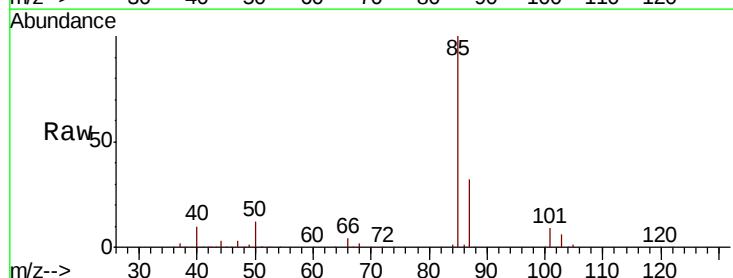
Acq: 27 Mar 2019 10:53

Tgt Ion: 85 Resp: 123001

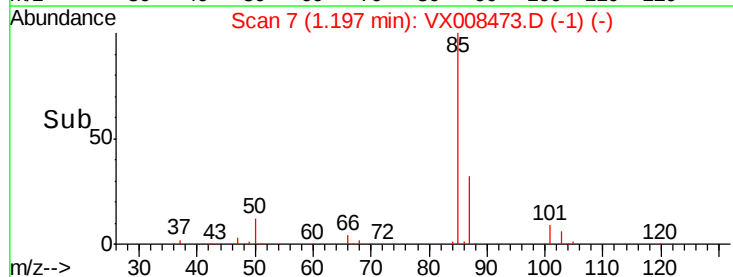
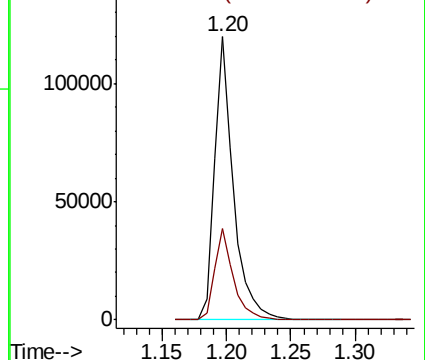
Ion Ratio Lower Upper

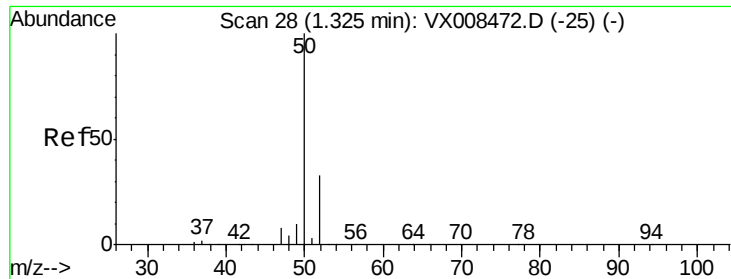
85 100

87 32.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 79.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

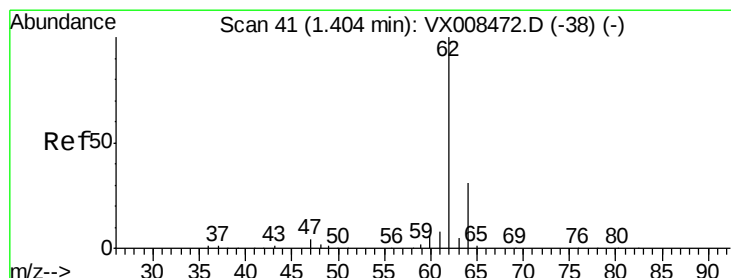
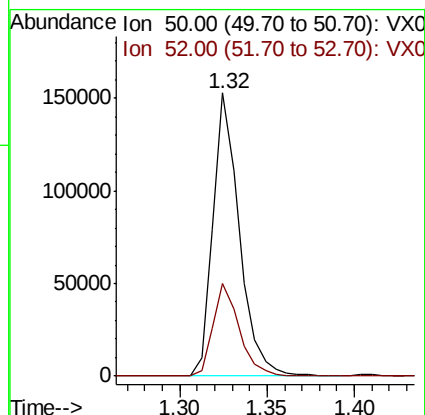
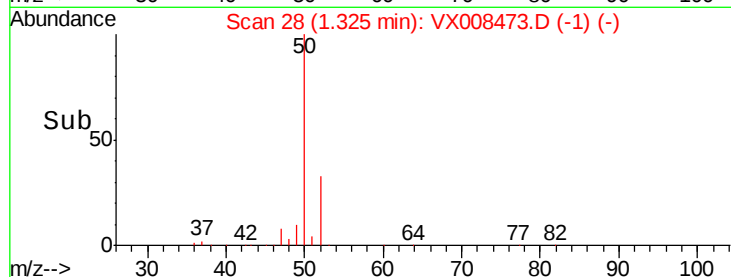
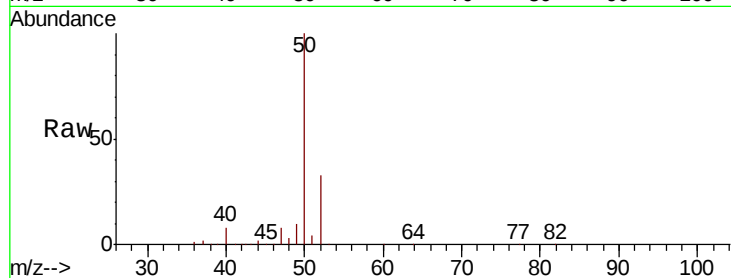
VSTDIC050

Tgt Ion: 50 Resp: 159438

Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3



#4

Vinyl Chloride

Concen: 70.947 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008473.D

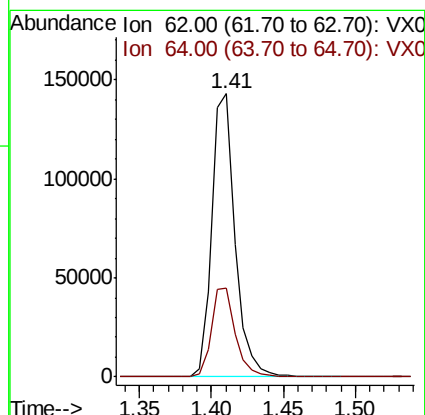
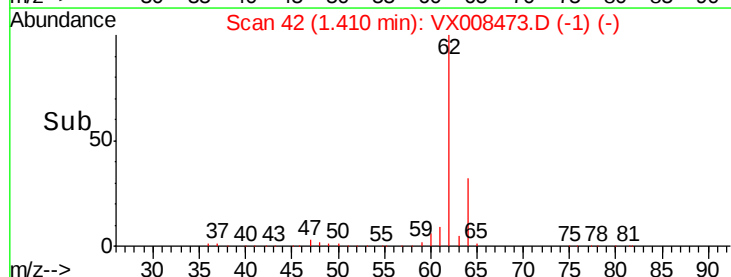
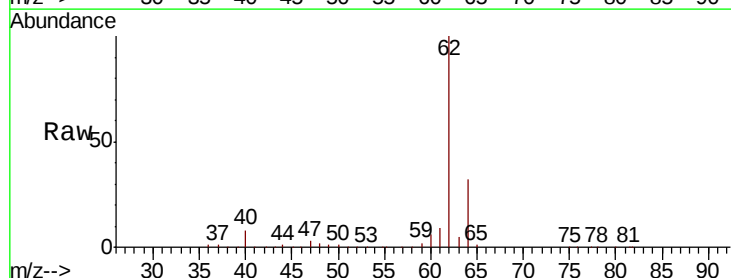
Acq: 27 Mar 2019 10:53

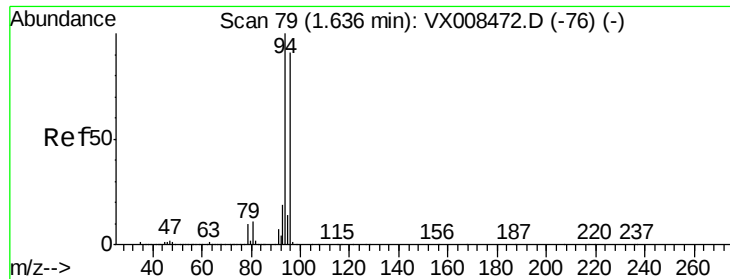
Tgt Ion: 62 Resp: 159634

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 20.384 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

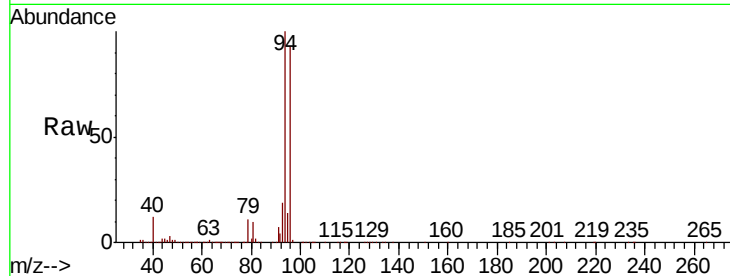
VSTDIC050

Tgt Ion: 94 Resp: 83144

Ion Ratio Lower Upper

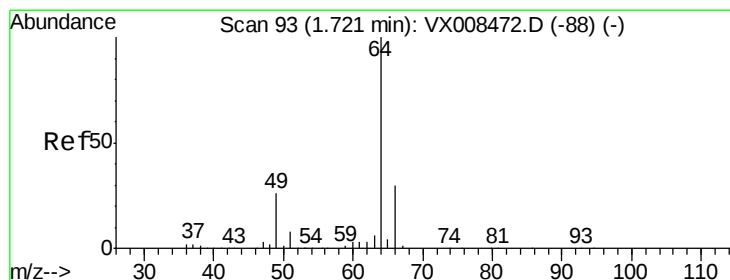
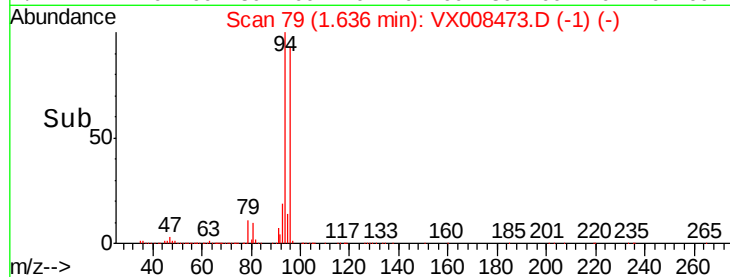
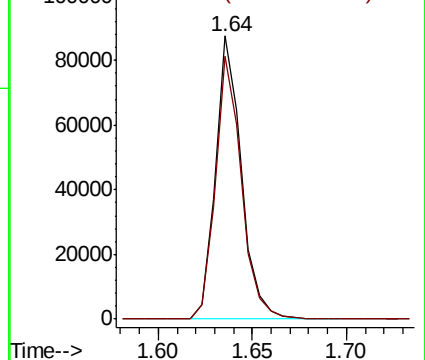
94 100

96 92.8 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 61.087 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008473.D

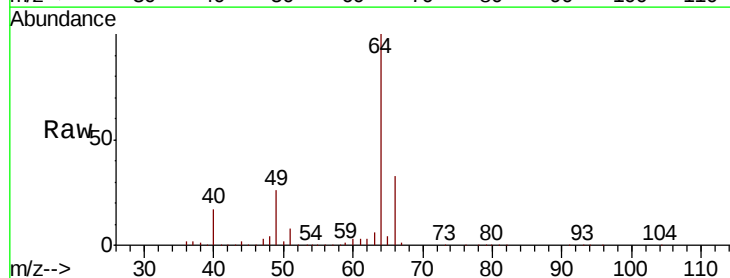
Acq: 27 Mar 2019 10:53

Tgt Ion: 64 Resp: 97685

Ion Ratio Lower Upper

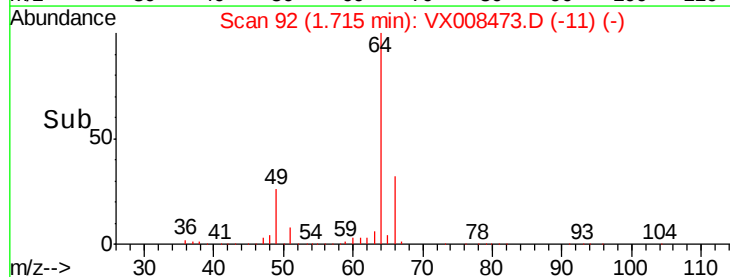
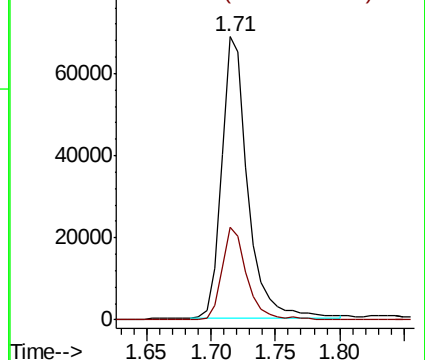
64 100

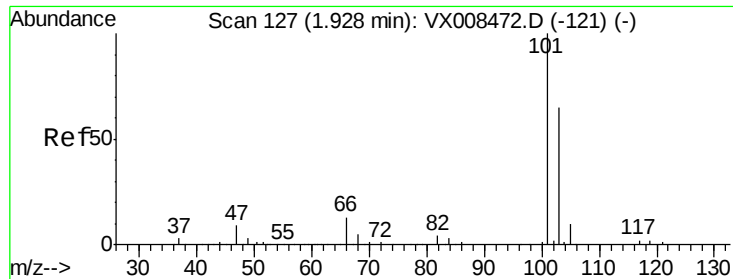
66 32.7 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



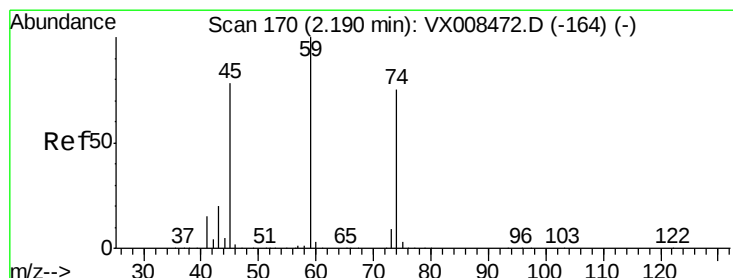
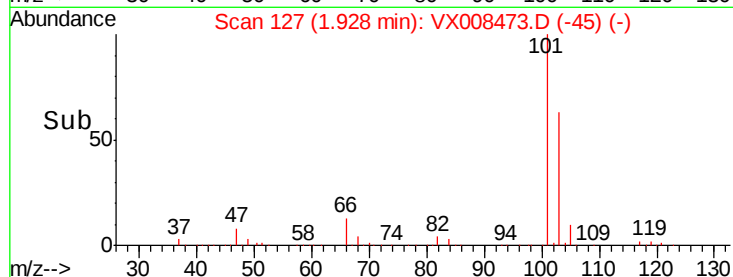
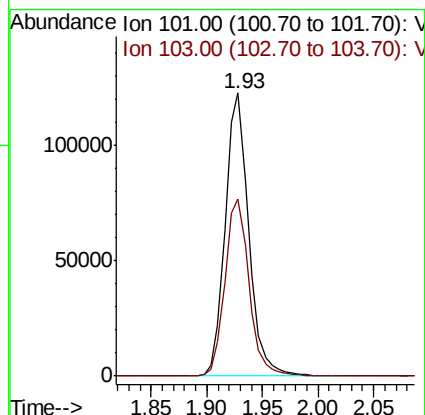
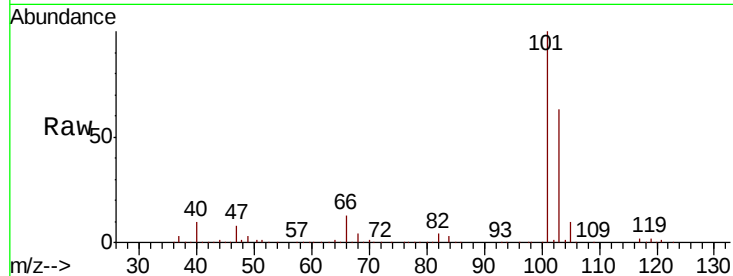


#7

Trichlorofluoromethane
Concen: 50.116 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
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VSTDIC050

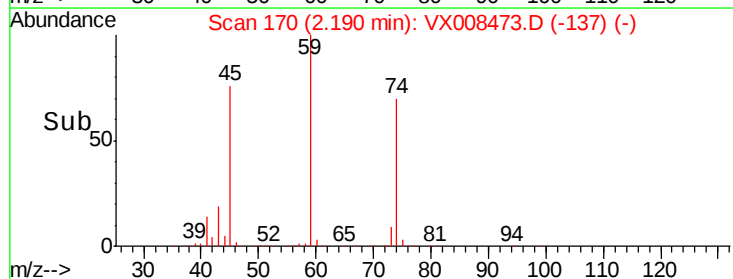
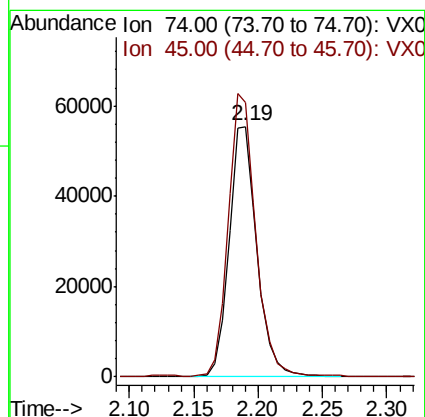
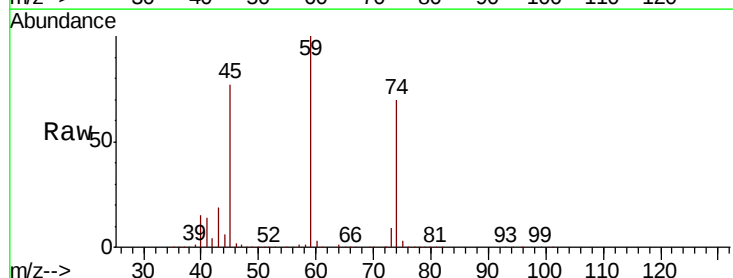
Tgt Ion:101 Resp: 179507
Ion Ratio Lower Upper
101 100
103 62.8 50.4 75.6

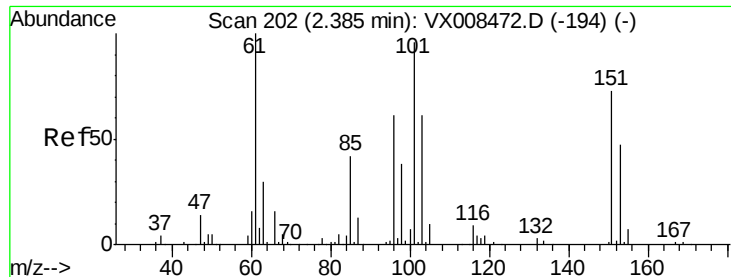


#8

Diethyl Ether
Concen: 60.410 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 74 Resp: 83918
Ion Ratio Lower Upper
74 100
45 111.0 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.160 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

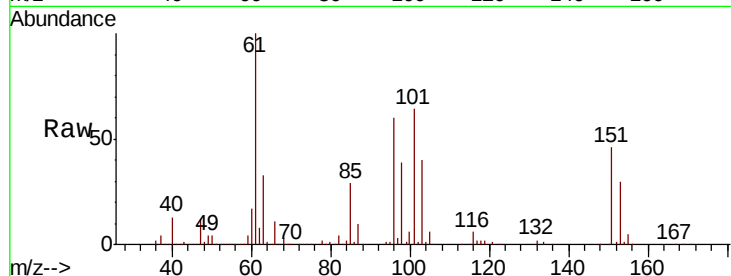
Tgt Ion: 101 Resp: 111249

Ion Ratio Lower Upper

101 100

85 44.3 0.0 86.8

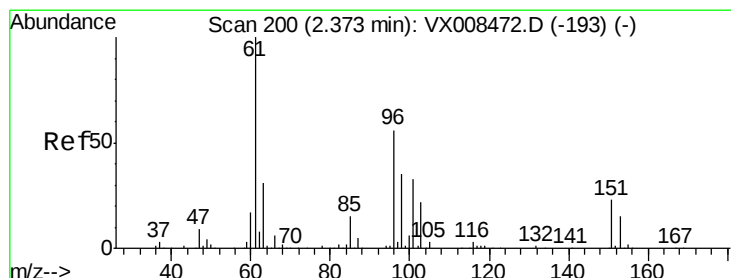
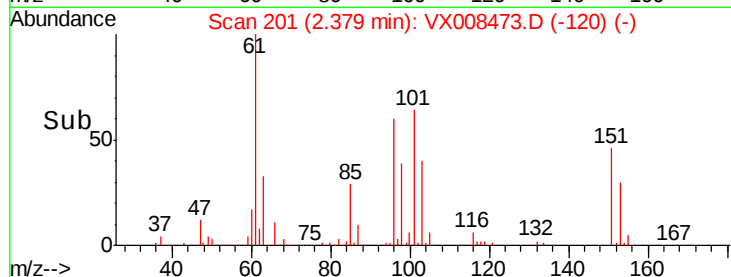
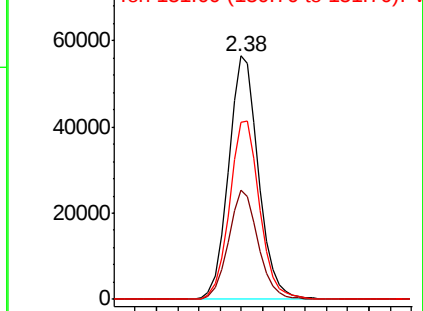
151 73.9 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 58.108 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

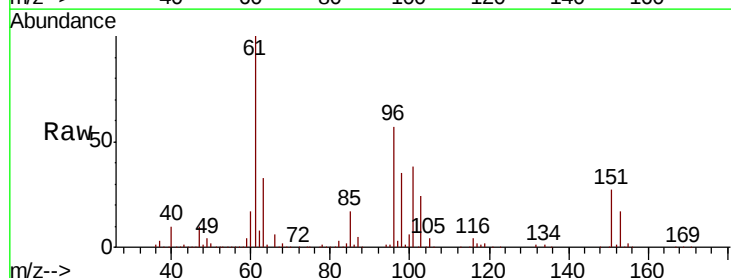
Tgt Ion: 96 Resp: 113619

Ion Ratio Lower Upper

96 100

61 176.6 120.2 180.2

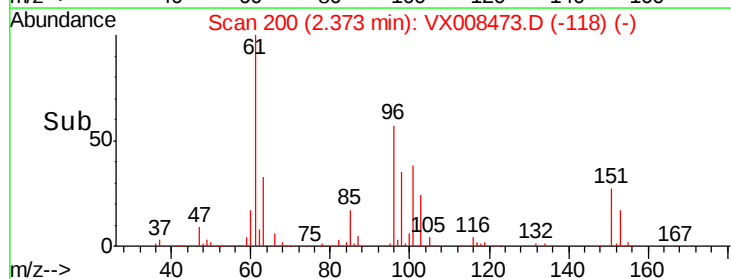
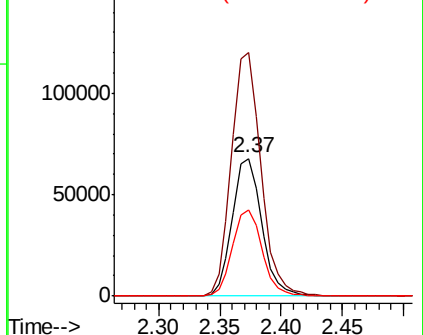
98 62.5 49.0 73.4

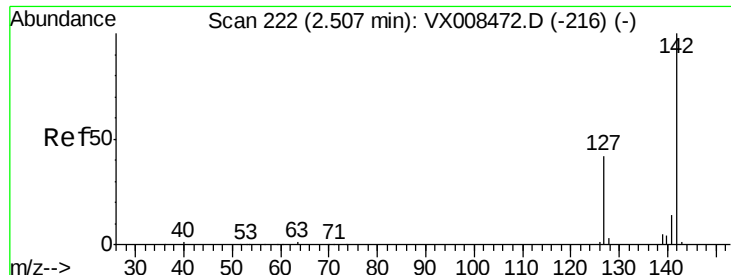


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

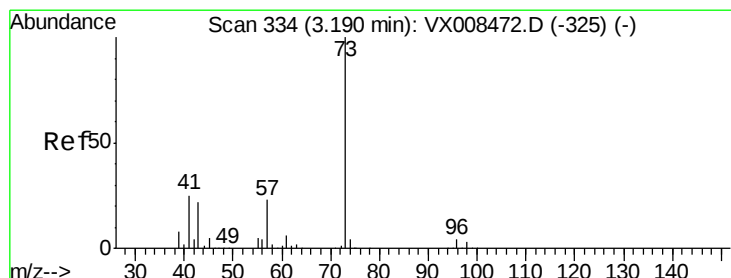
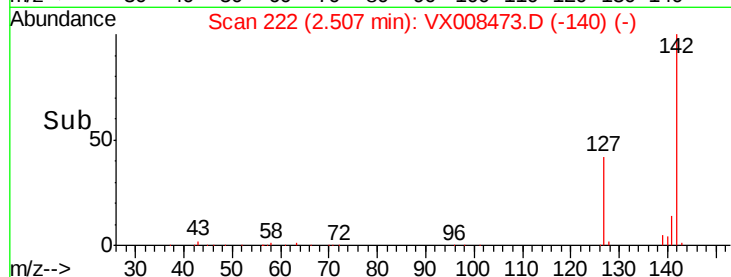
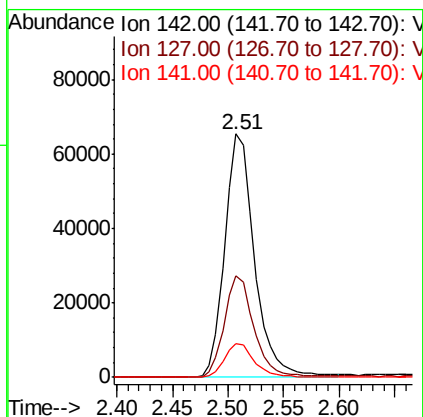
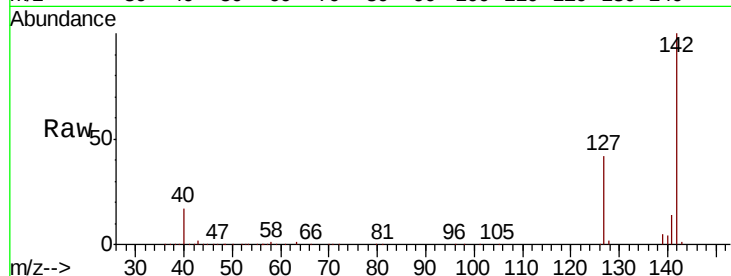




#11
Methyl Iodide
Concen: 41.276 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

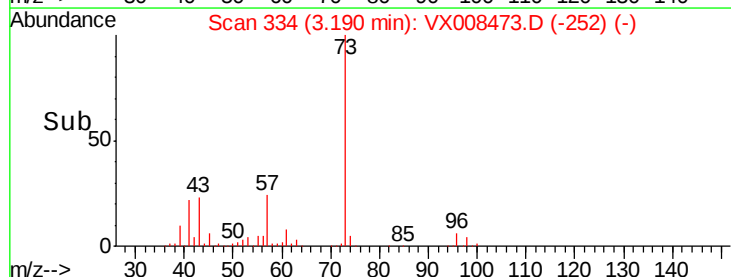
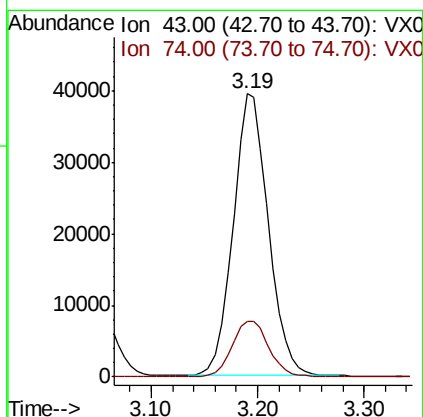
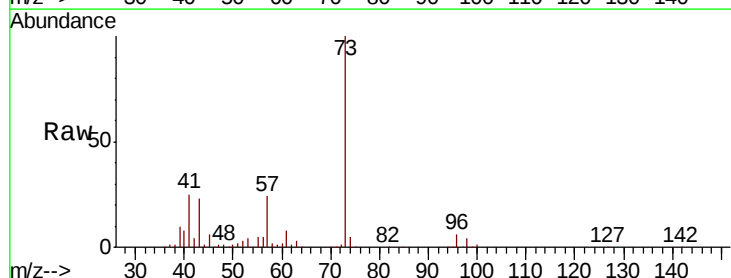
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

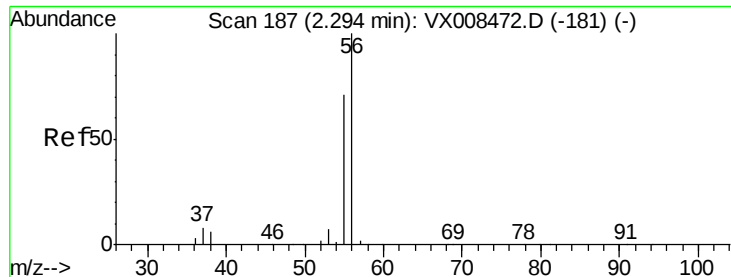
Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	22.1	66.5
141	13.8	7.4	22.3



#12
Methyl Acetate
Concen: 42.664 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	19.4	29.0

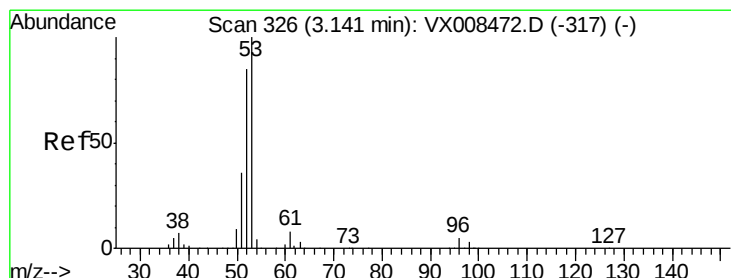
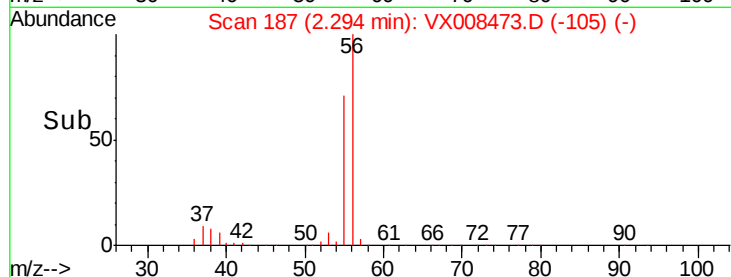
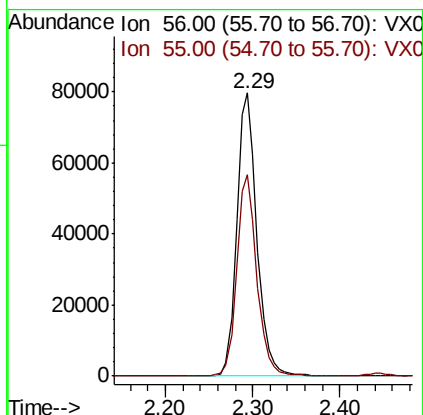
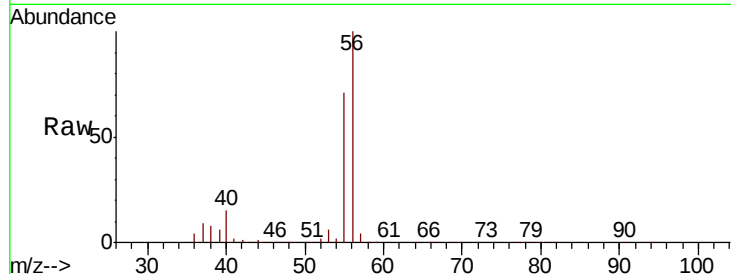




#13
Acrolein
Concen: 380.867 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

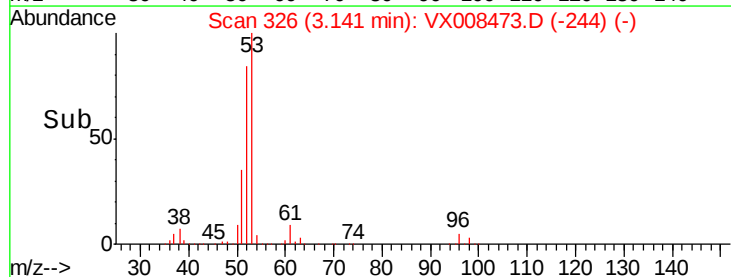
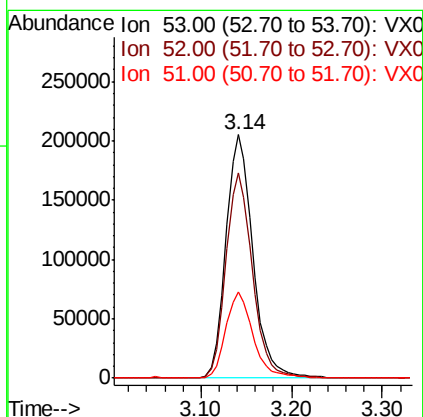
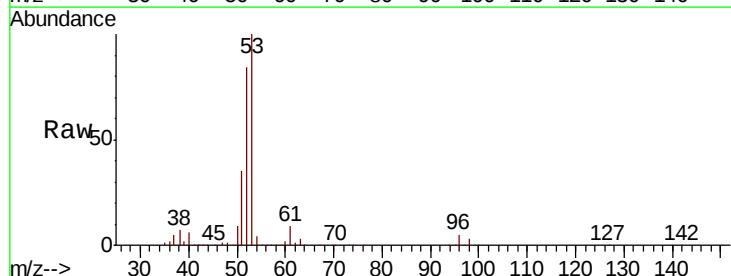
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

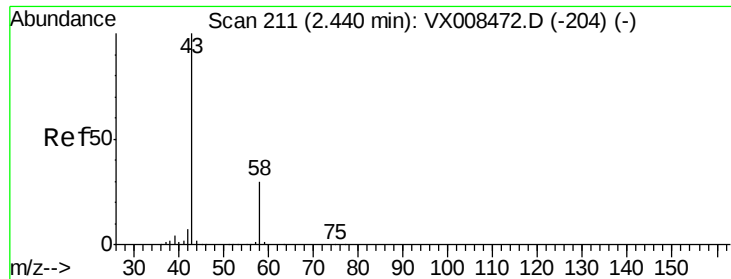
Tgt Ion: 56 Resp: 127304
Ion Ratio Lower Upper
56 100
55 71.6 58.6 87.8



#14
Acrylonitrile
Concen: 399.190 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 53 Resp: 422684
Ion Ratio Lower Upper
53 100
52 83.2 41.3 124.1
51 35.6 17.5 52.6





#15

Acetone

Concen: 323.193 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

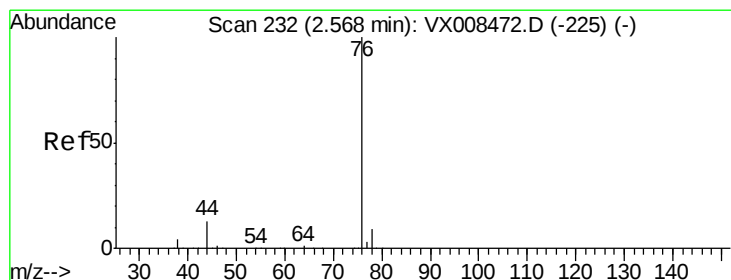
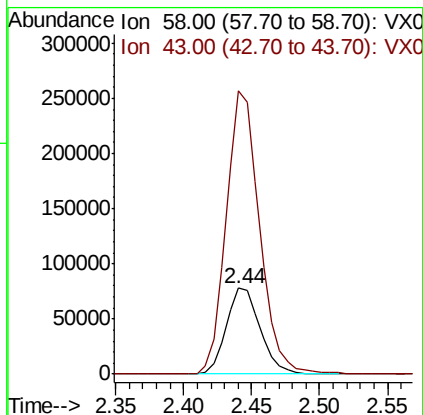
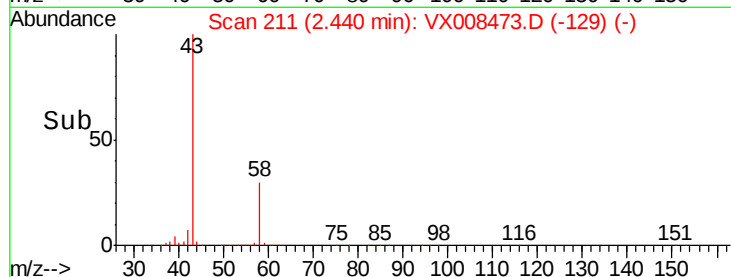
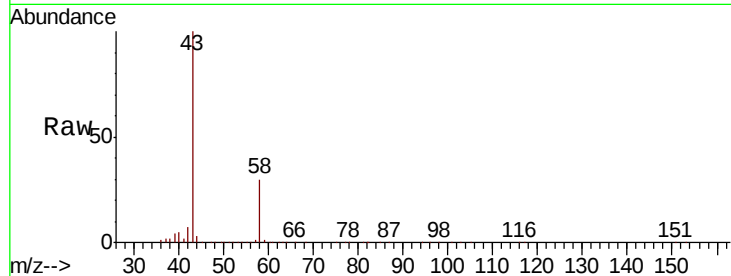
VSTDIC050

Tgt Ion: 58 Resp: 134195

Ion Ratio Lower Upper

58 100

43 329.5 249.8 374.6



#16

Carbon Disulfide

Concen: 64.299 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008473.D

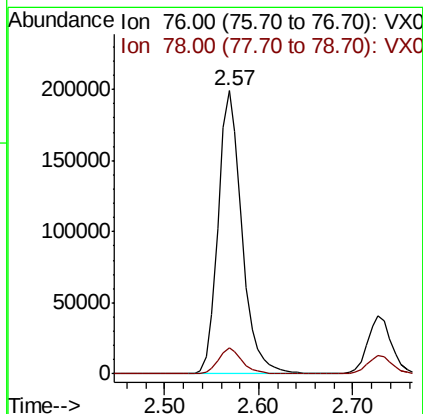
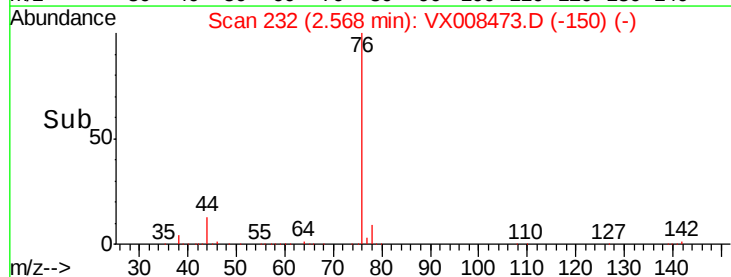
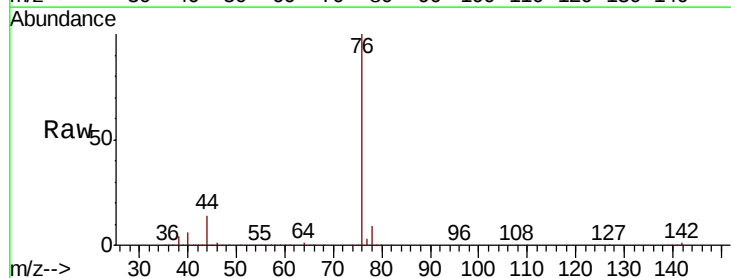
Acq: 27 Mar 2019 10:53

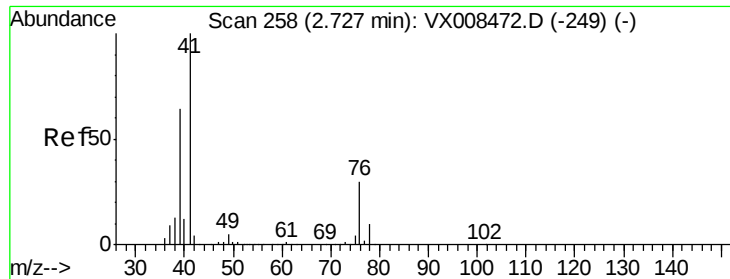
Tgt Ion: 76 Resp: 348604

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

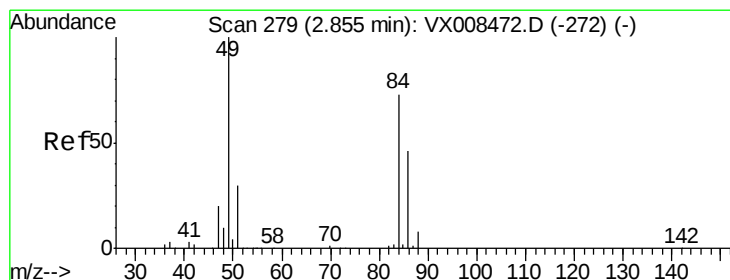
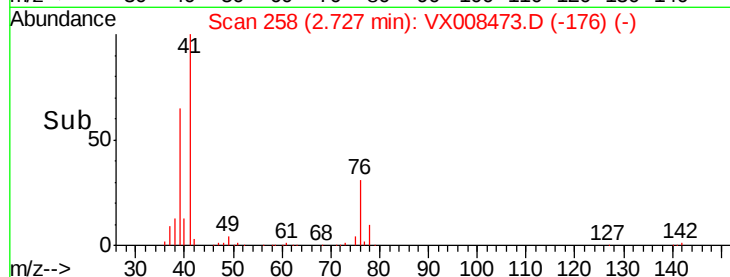
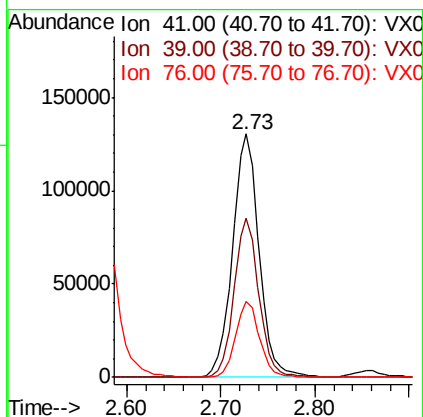
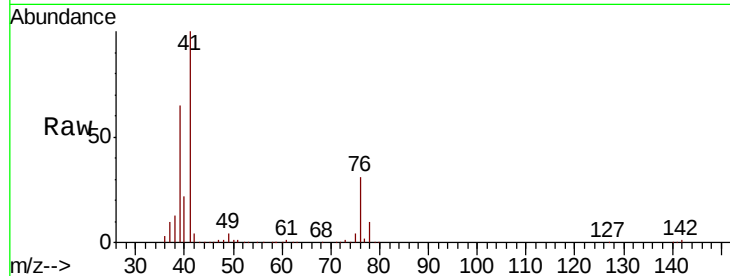




#17
 Allyl chloride
 Concen: 88.093 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

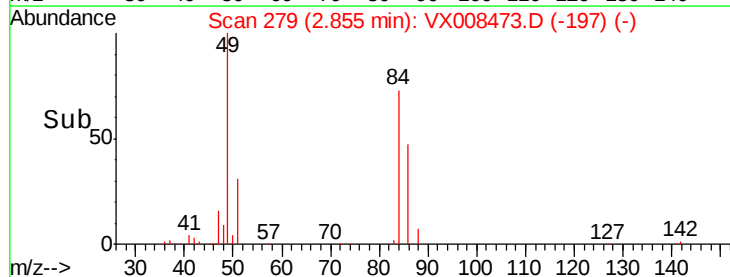
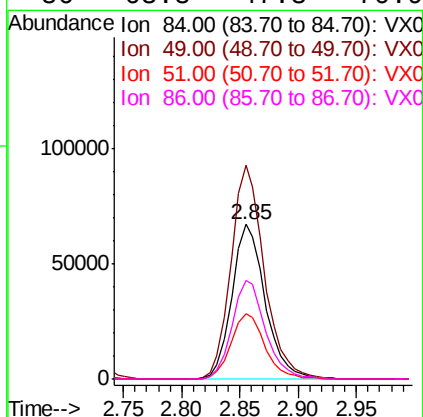
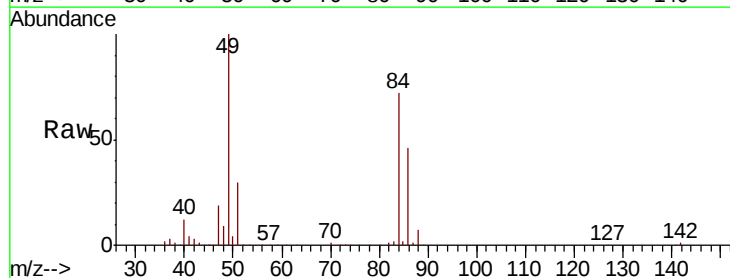
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

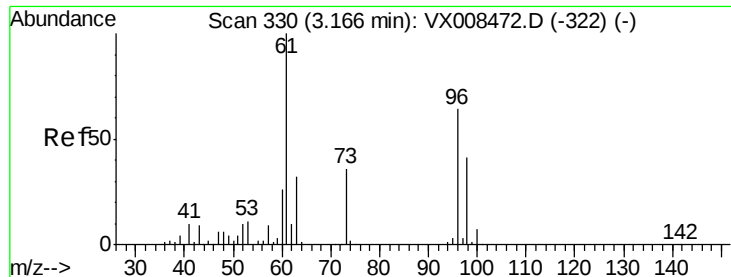
Tgt Ion: 41 Resp: 254172
 Ion Ratio Lower Upper
 41 100
 39 65.3 35.8 107.4
 76 31.2 18.3 54.9



#18
 Methylene Chloride
 Concen: 63.476 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 84 Resp: 133607
 Ion Ratio Lower Upper
 84 100
 49 138.1 96.1 144.1
 51 42.0 29.1 43.7
 86 63.8 47.3 70.9

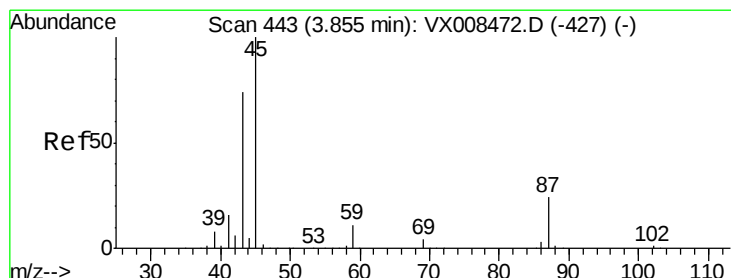
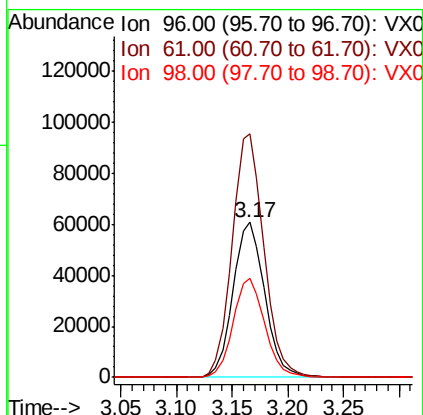
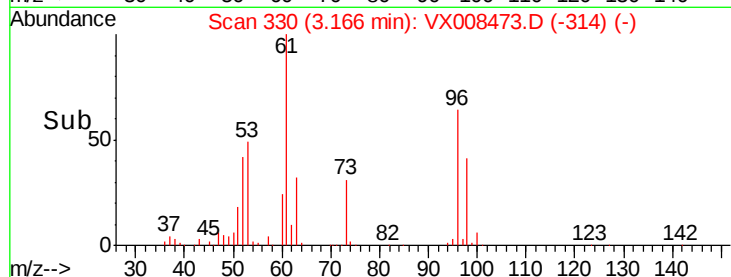
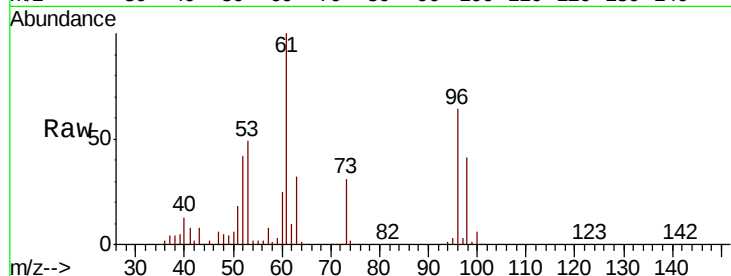




#19
trans-1,2-Dichloroethene
Concen: 57.832 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

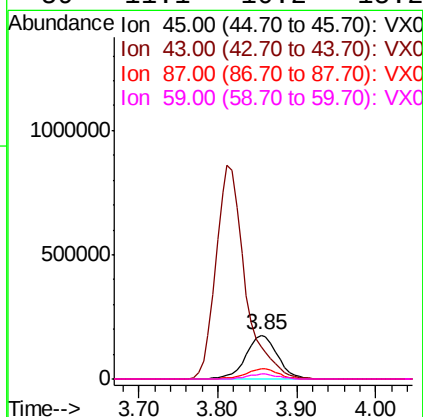
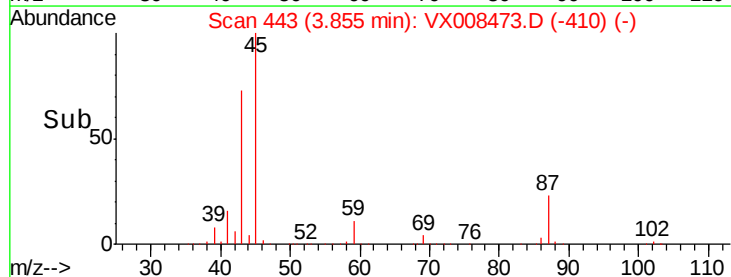
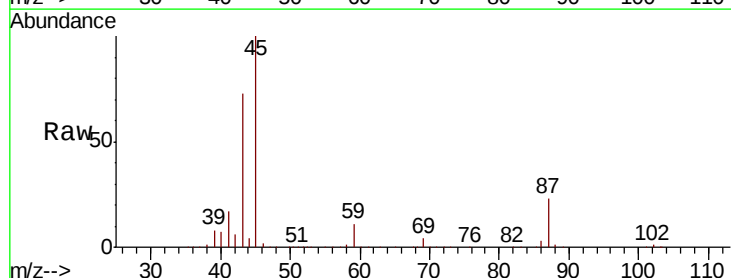
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

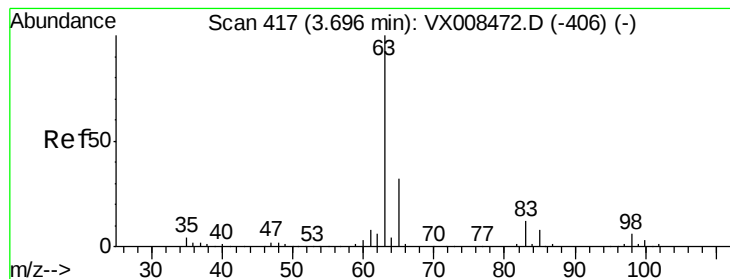
Tgt Ion: 96 Resp: 120036
Ion Ratio Lower Upper
96 100
61 157.2 109.9 164.9
98 63.7 50.4 75.6



#20
Diisopropyl ether
Concen: 81.456 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 45 Resp: 491420
Ion Ratio Lower Upper
45 100
43 72.1 50.6 76.0
87 22.9 24.5 36.7#
59 11.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 69.448 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

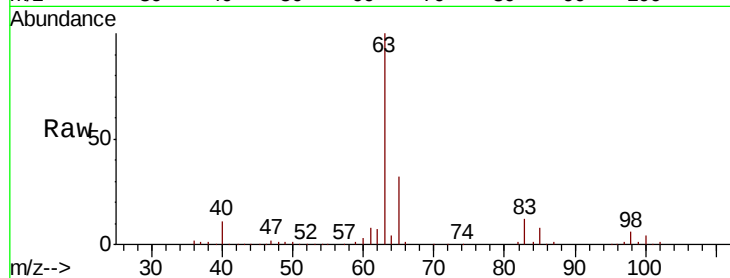
Tgt Ion: 63 Resp: 247446

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.4

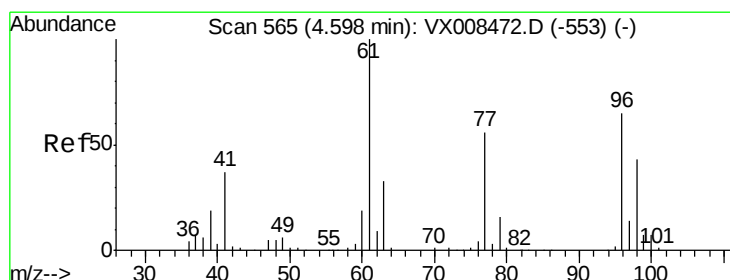
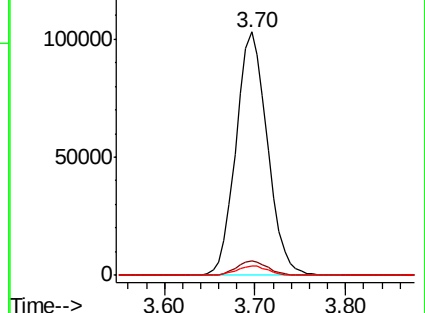
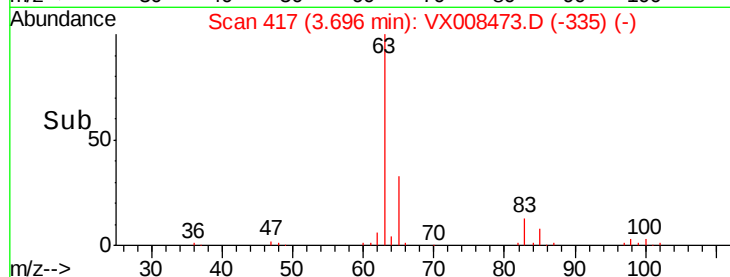
100 3.8 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 58.193 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

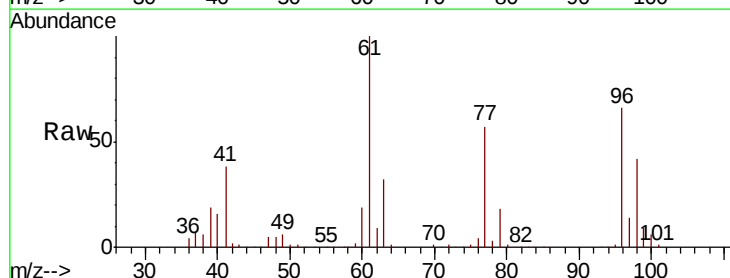
Tgt Ion: 96 Resp: 139312

Ion Ratio Lower Upper

96 100

61 161.6 103.5 155.3#

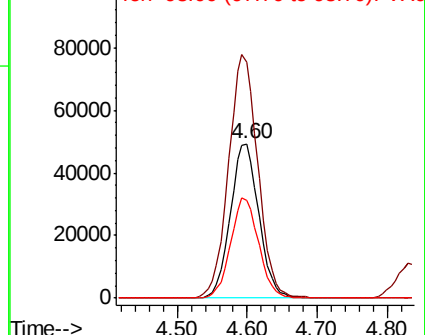
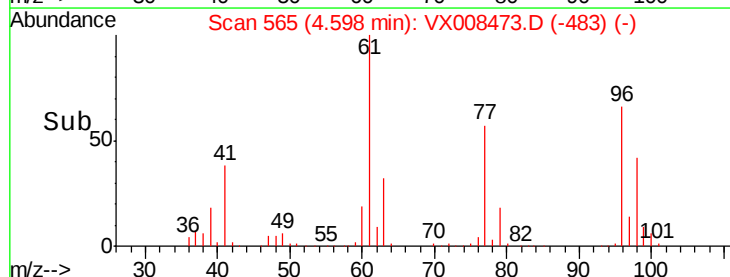
98 64.0 52.1 78.1

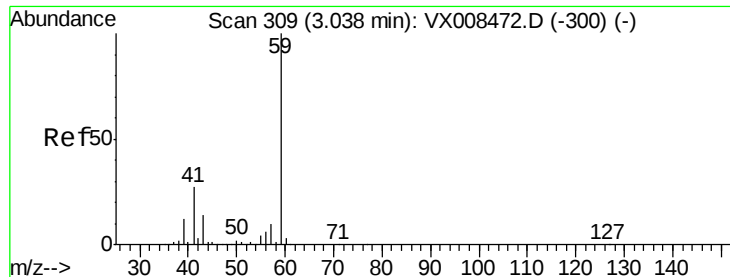


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



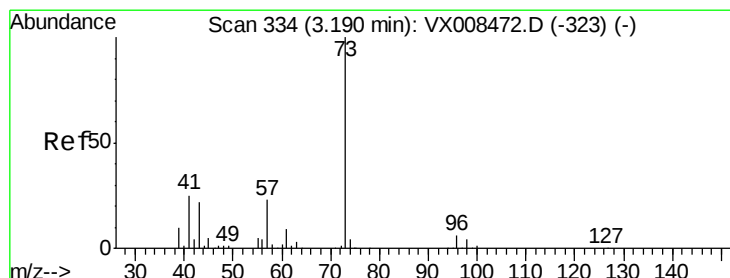
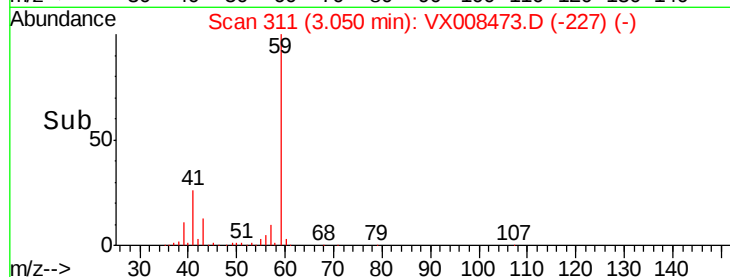
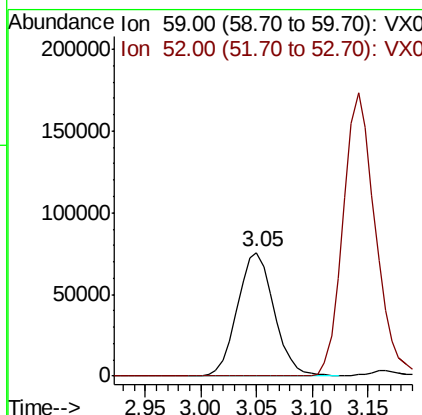
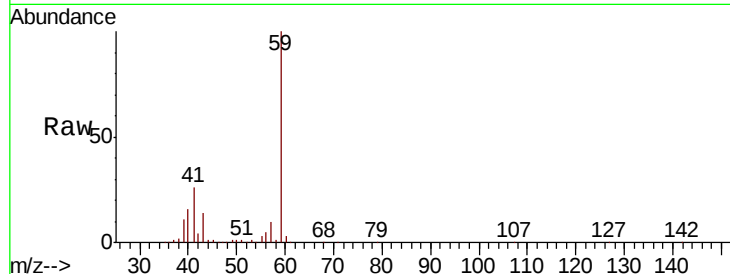


#23

tert-Butyl Alcohol
 Concen: 401.635 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

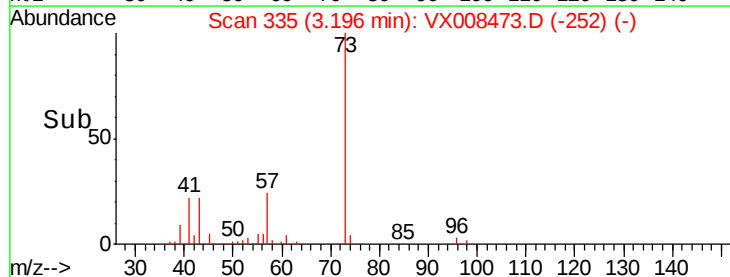
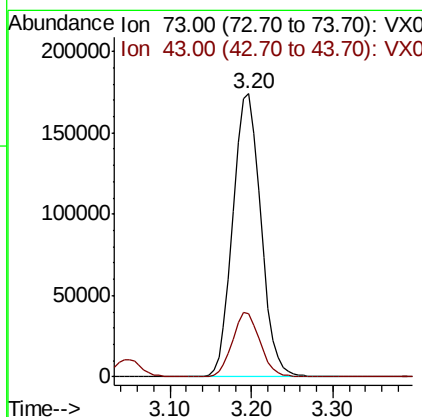
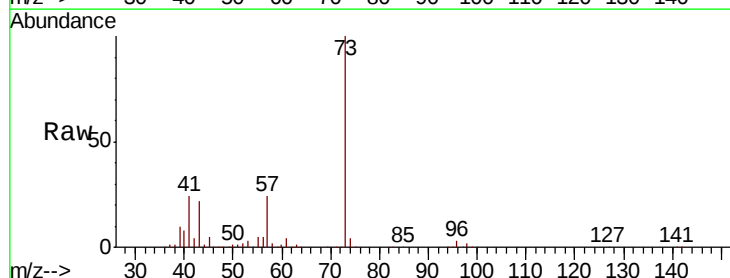
Tgt Ion: 59 Resp: 172646
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

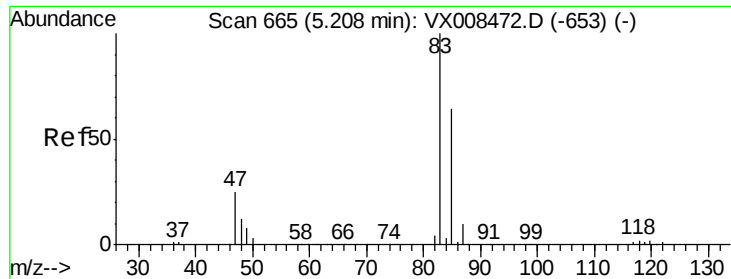


#24

Methyl tert-Butyl Ether
 Concen: 65.849 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 73 Resp: 413650
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7

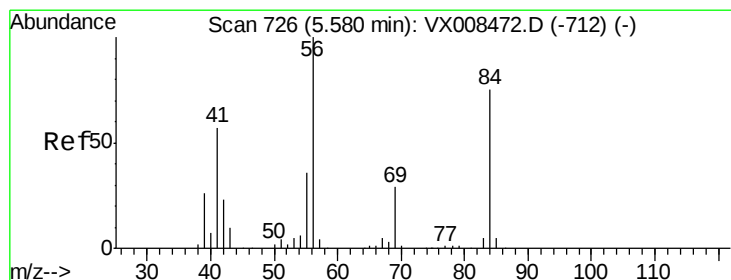
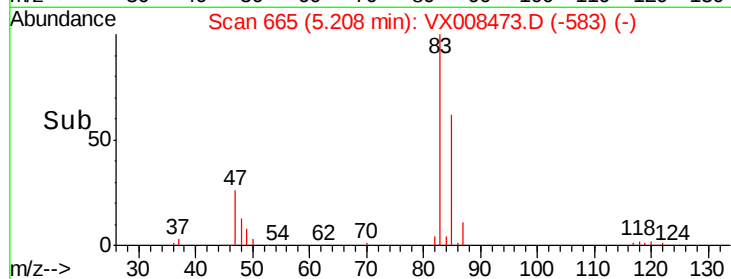
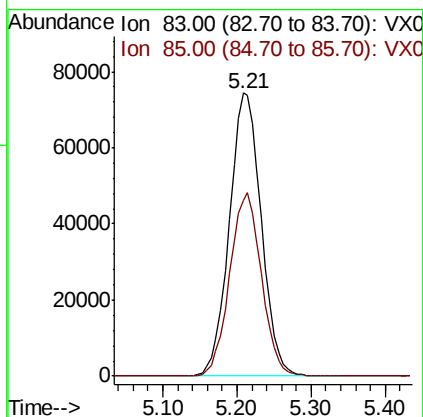
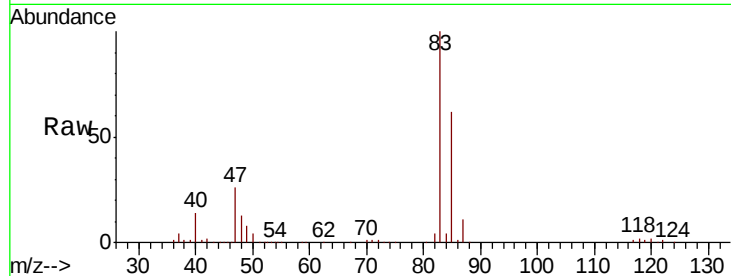




#25
Chloroform
Concen: 58.727 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

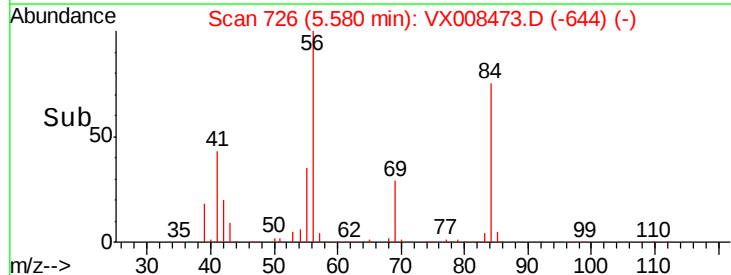
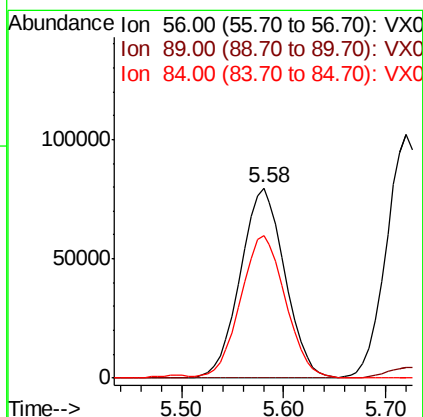
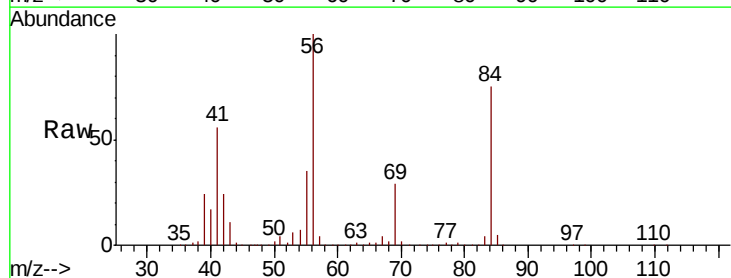
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

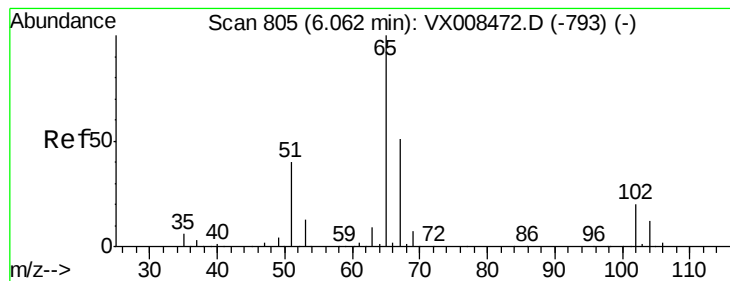
Tgt Ion: 83 Resp: 221966
Ion Ratio Lower Upper
83 100
85 62.0 53.8 80.6



#26
Cyclohexane
Concen: 76.276 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 56 Resp: 240351
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.2 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 36.486 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

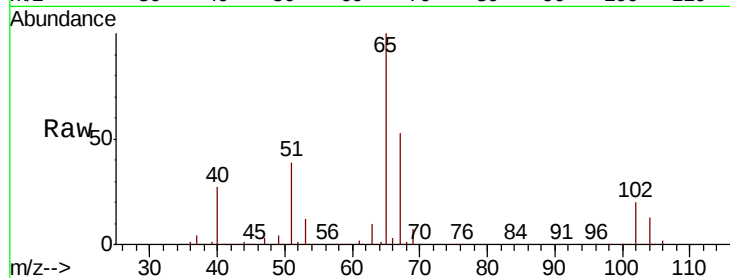
VSTDIC050

Tgt Ion: 65 Resp: 90730

Ion Ratio Lower Upper

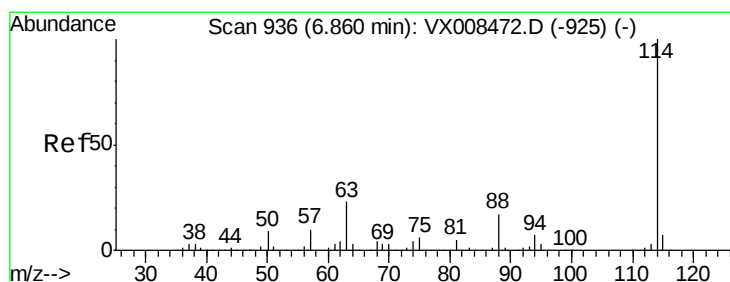
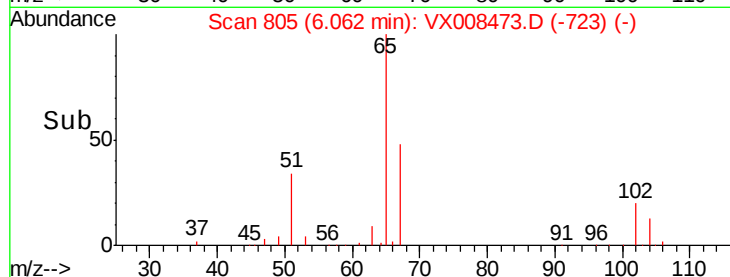
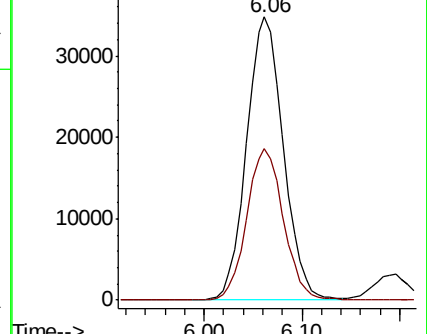
65 100

67 53.2 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

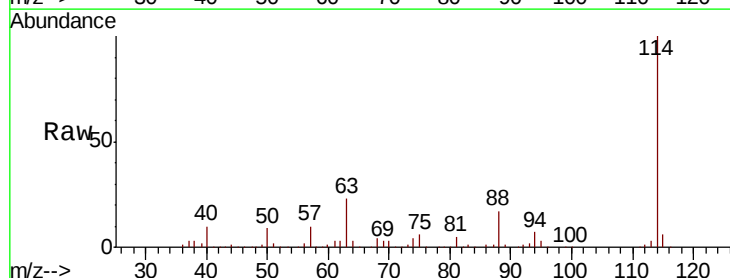
Tgt Ion: 114 Resp: 210121

Ion Ratio Lower Upper

114 100

63 23.5 14.2 21.4#

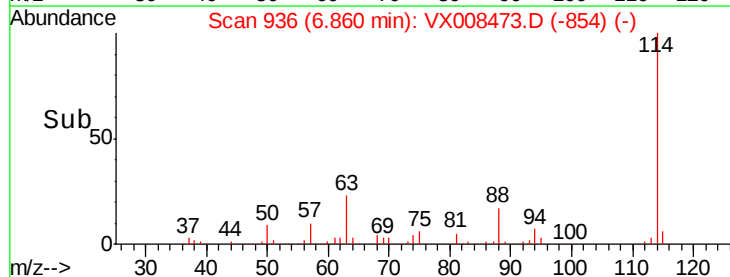
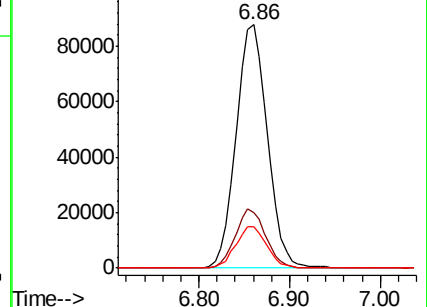
88 16.9 11.9 17.9

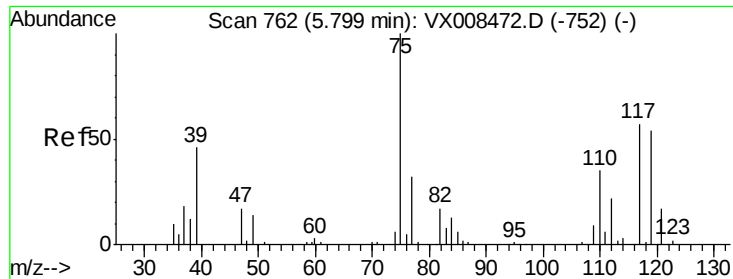


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

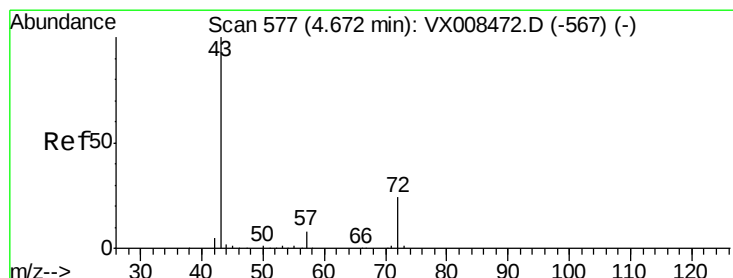
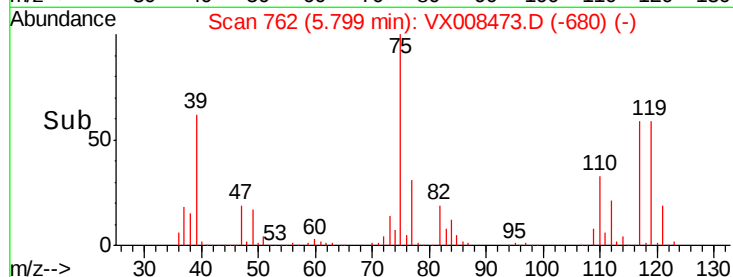
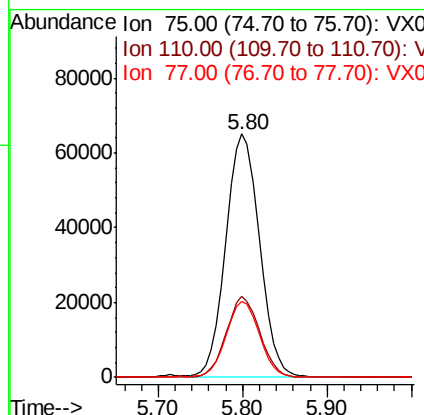
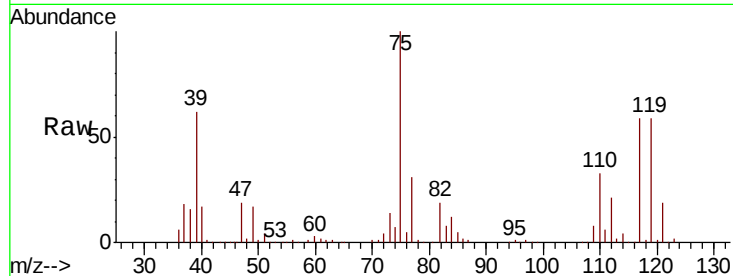




#29
 1,1-Dichloropropene
 Concen: 59.153 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

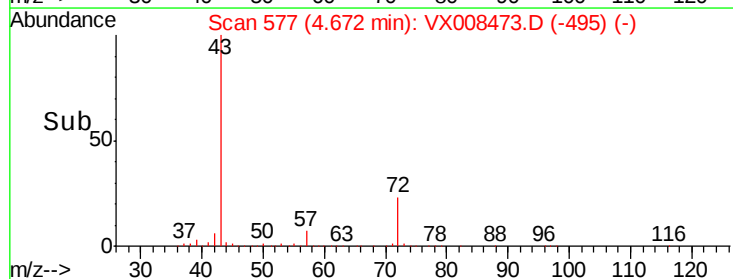
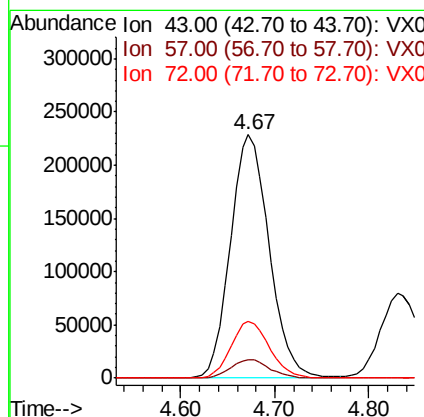
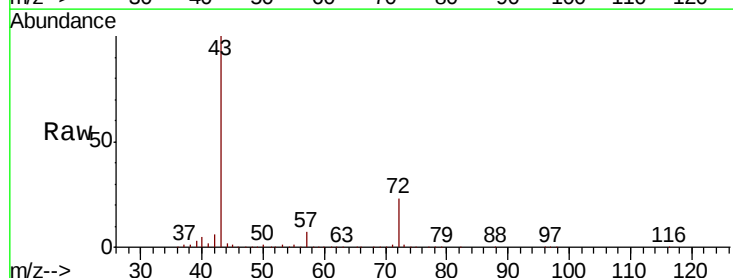
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

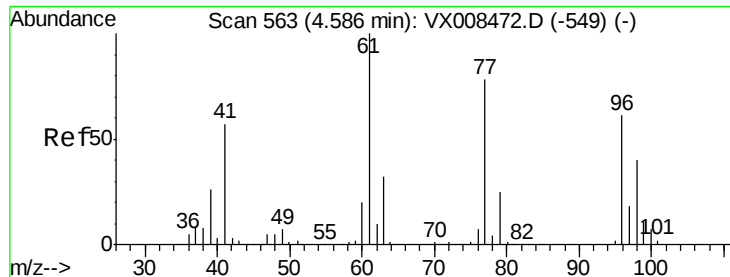
Tgt Ion: 75 Resp: 176533
 Ion Ratio Lower Upper
 75 100
 110 33.1 0.0 80.8
 77 31.2 0.0 62.4



#30
 2-Butanone
 Concen: 380.008 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 653212
 Ion Ratio Lower Upper
 43 100
 57 7.6 7.0 10.6
 72 23.1 21.5 32.3

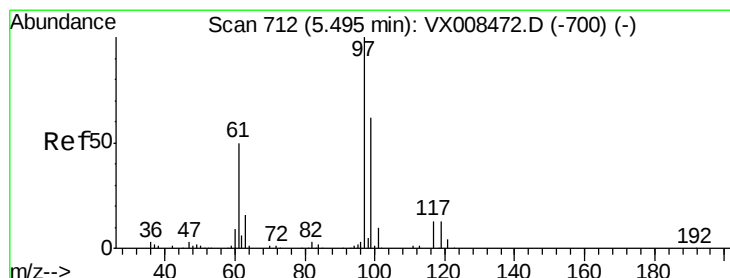
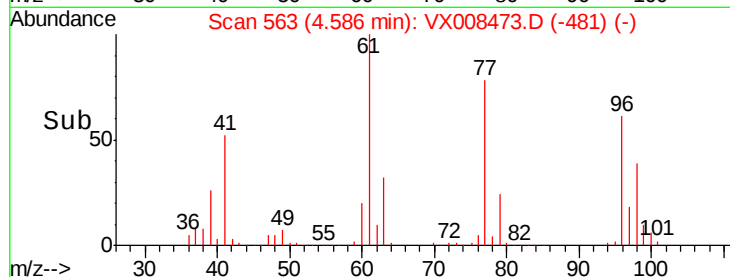
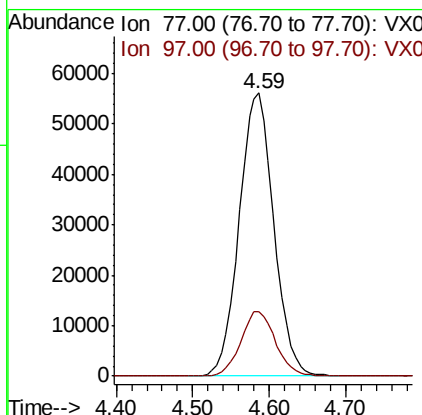
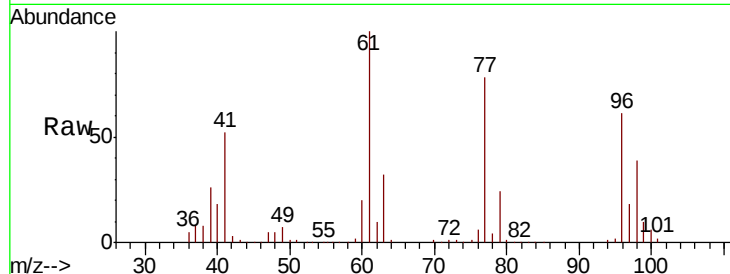




#31
 2,2-Dichloropropane
 Concen: 62.735 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

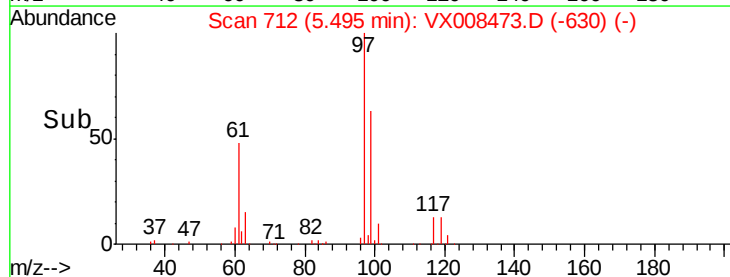
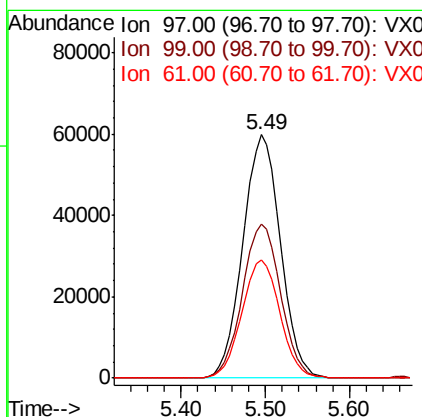
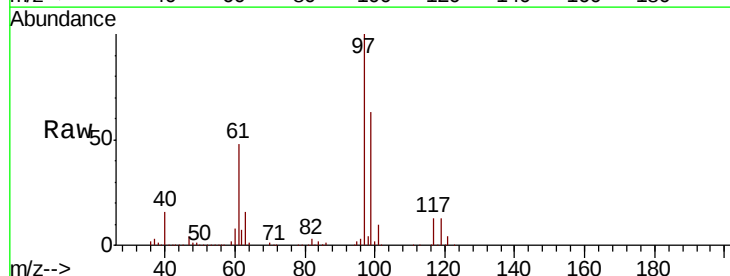
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

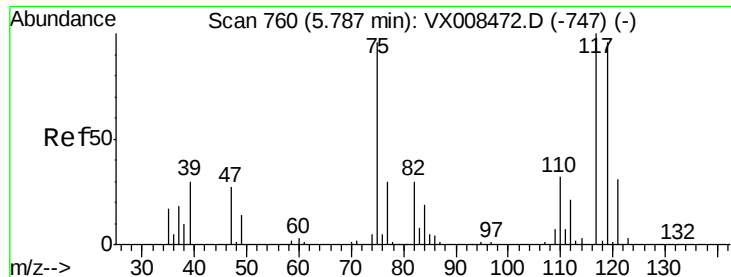
Tgt Ion: 77 Resp: 176272
 Ion Ratio Lower Upper
 77 100
 97 22.9 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 51.858 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 97 Resp: 182097
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 49.1 32.8 49.2

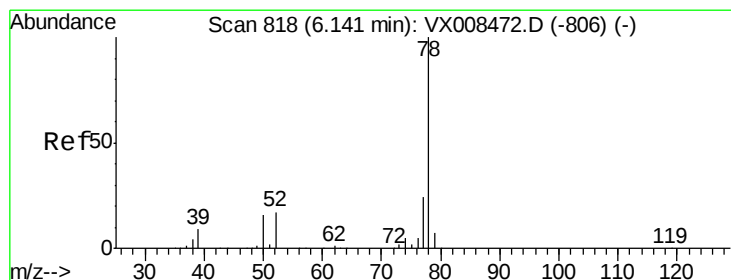
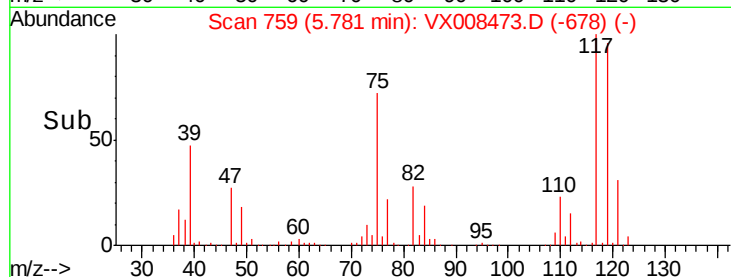
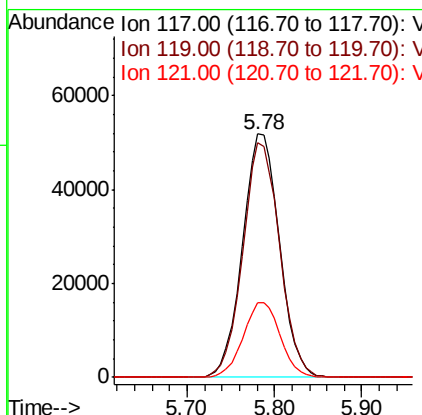
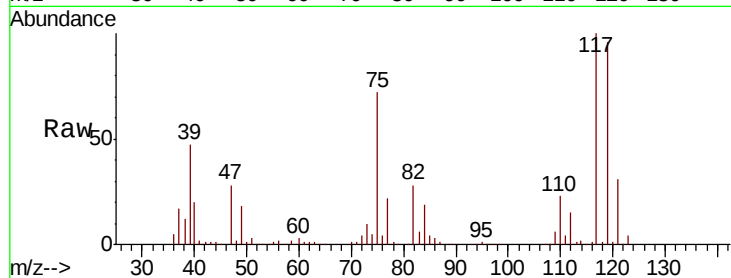




#33
Carbon Tetrachloride
Concen: 47.309 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

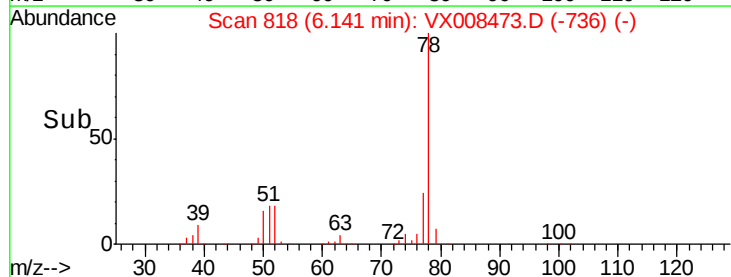
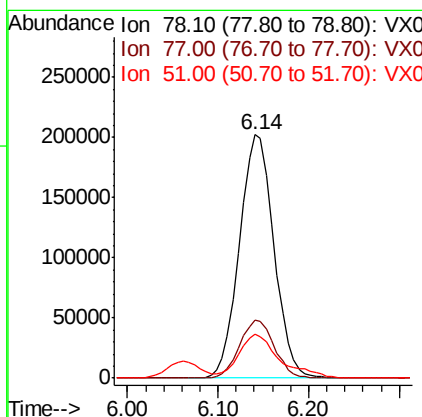
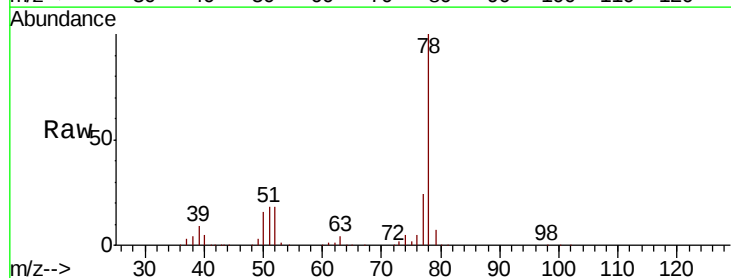
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

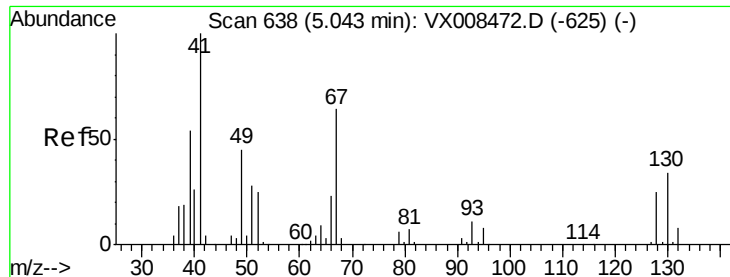
Tgt Ion: 117 Resp: 152568
Ion Ratio Lower Upper
117 100
119 96.3 78.1 117.1
121 30.7 27.0 40.6



#34
Benzene
Concen: 59.990 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 78 Resp: 533295
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 17.5 10.8 16.2#

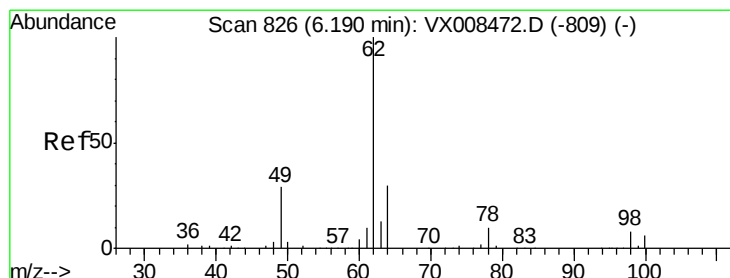
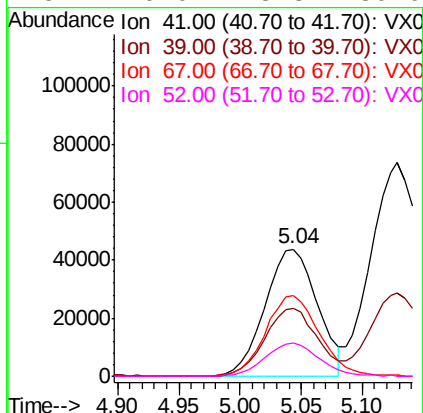
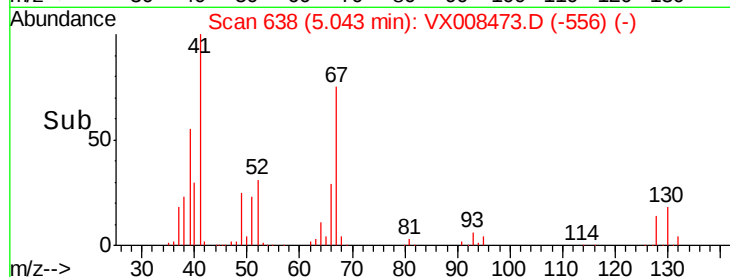
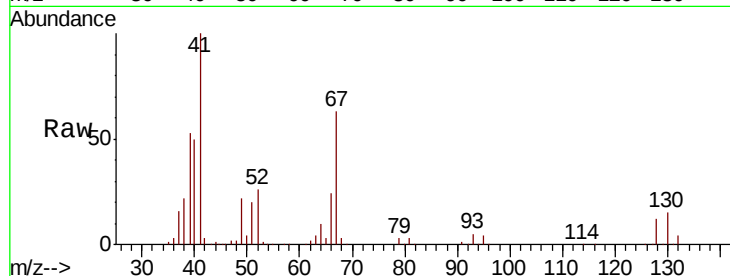




#35
Methacrylonitrile
Concen: 81.000 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

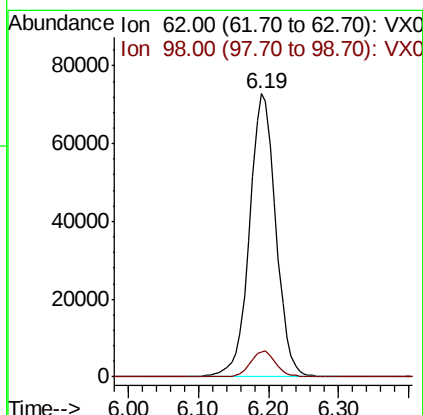
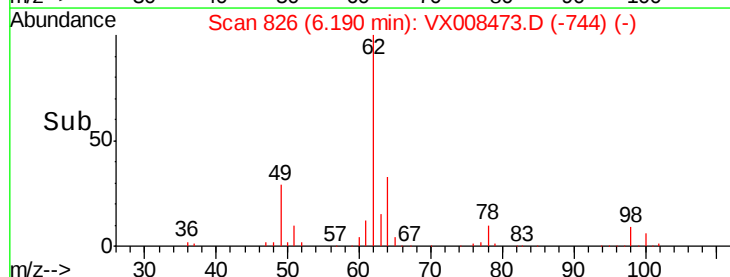
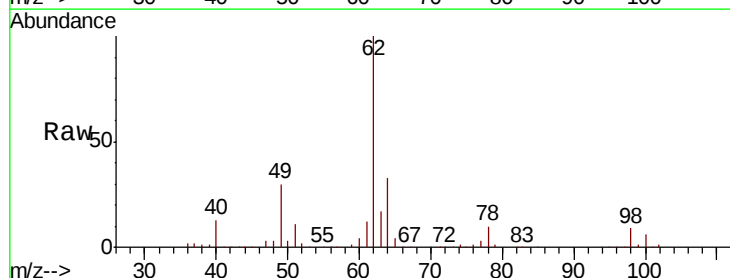
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

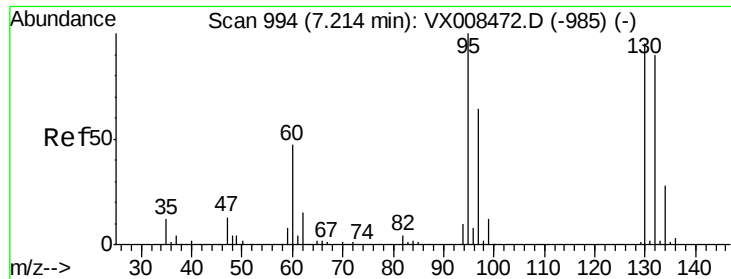
Tgt Ion: 41 Resp: 129695
Ion Ratio Lower Upper
41 100
39 53.1 27.4 82.0
67 63.5 37.9 113.6
52 26.0 13.3 39.9



#36
1,2-Dichloroethane
Concen: 58.117 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 62 Resp: 190428
Ion Ratio Lower Upper
62 100
98 8.8 7.8 11.8

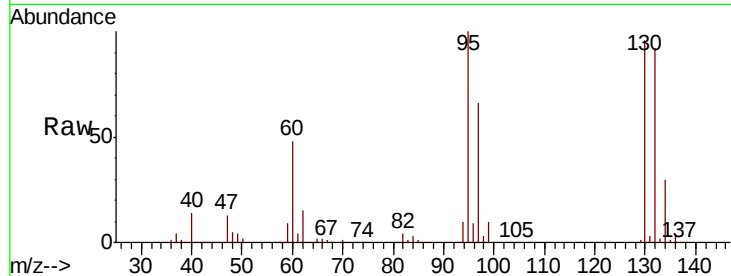




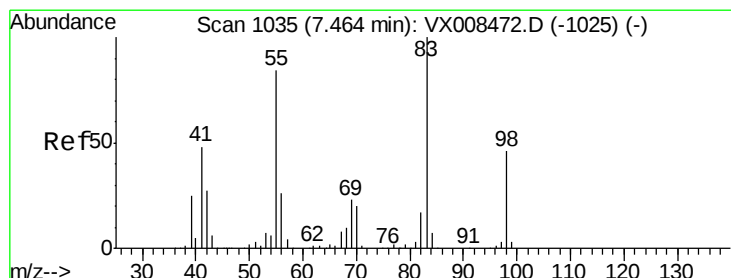
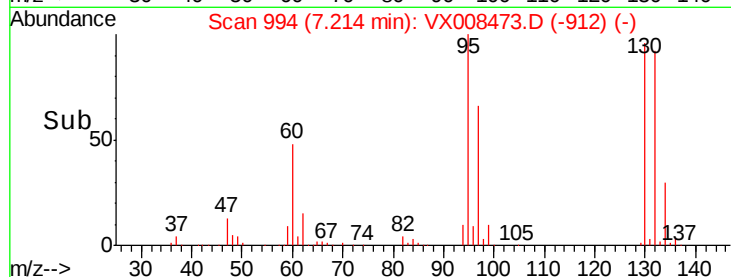
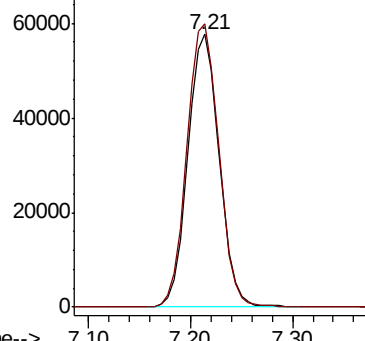
#37
 Trichloroethene
 Concen: 46.936 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 130 Resp: 122677
 Ion Ratio Lower Upper
 130 100
 95 103.7 71.3 106.9

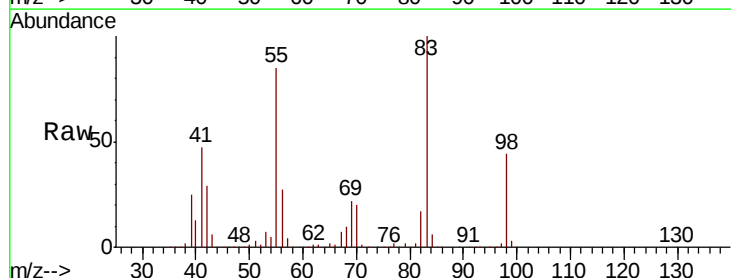


Abundance Ion 129.90 (129.60 to 130.60): VX0
 Ion 94.90 (94.60 to 95.60): VX0

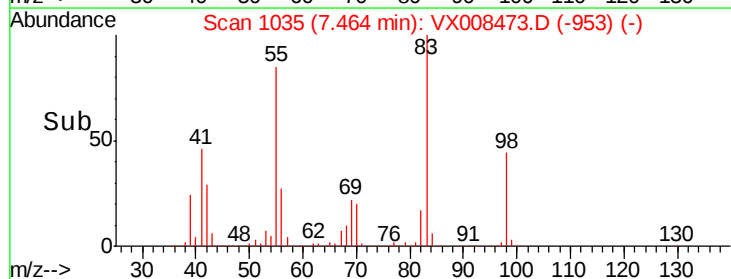
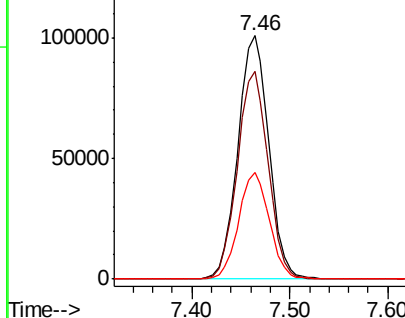


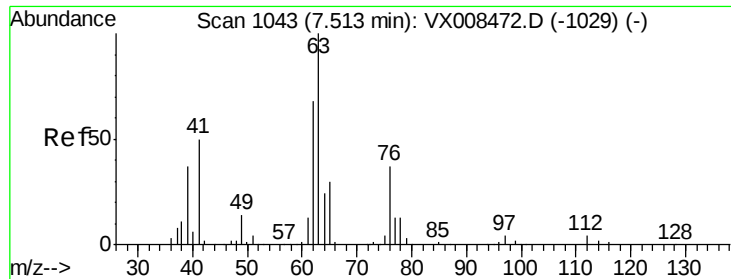
#38
 Methylcyclohexane
 Concen: 59.168 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 83 Resp: 221306
 Ion Ratio Lower Upper
 83 100
 55 84.8 36.0 108.0
 98 43.7 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 66.429 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

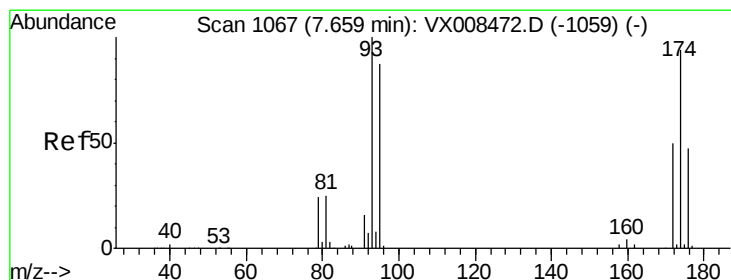
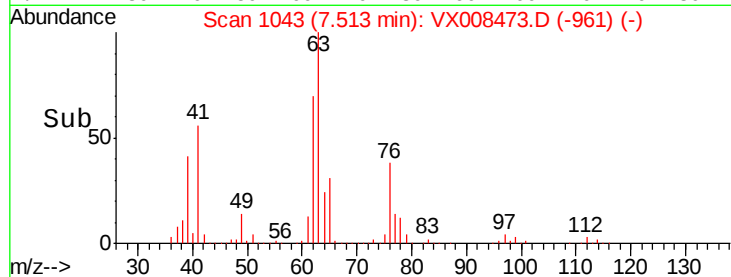
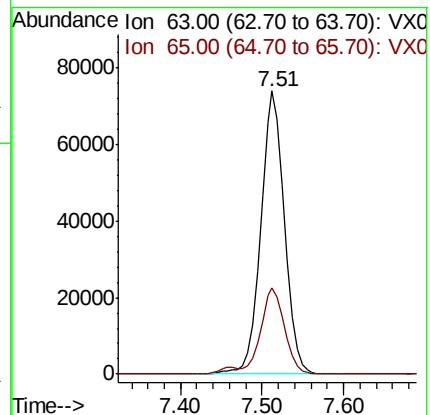
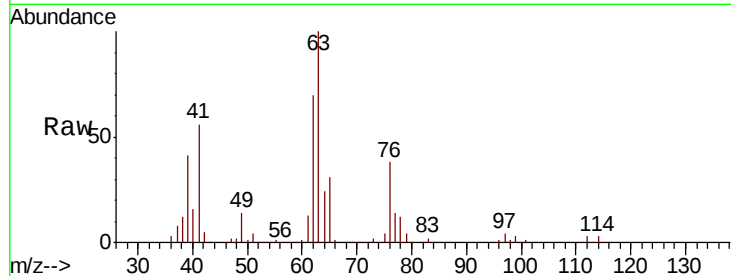
VSTDIC050

Tgt Ion: 63 Resp: 150263

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#40

Dibromomethane

Concen: 52.704 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

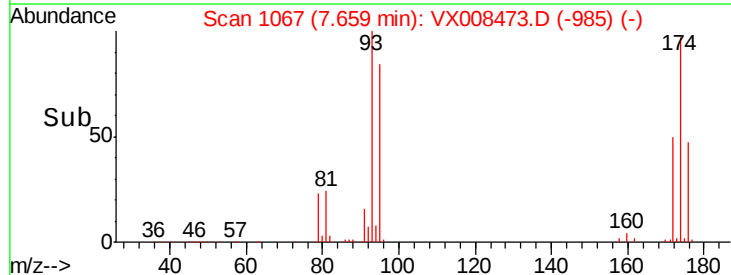
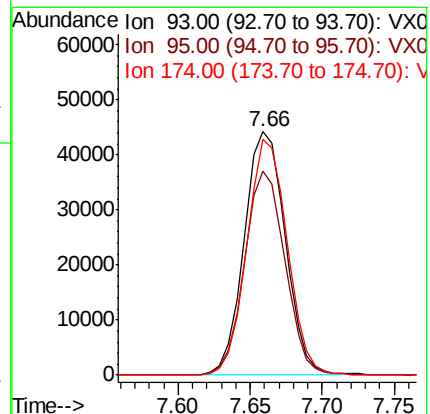
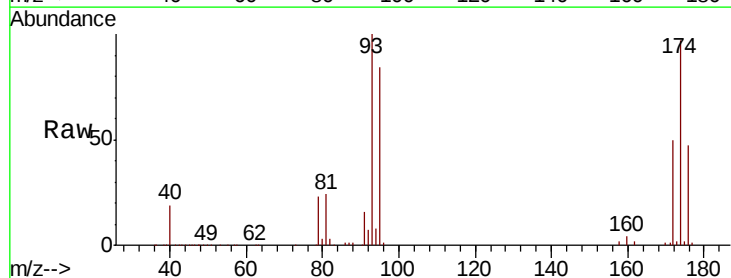
Tgt Ion: 93 Resp: 87438

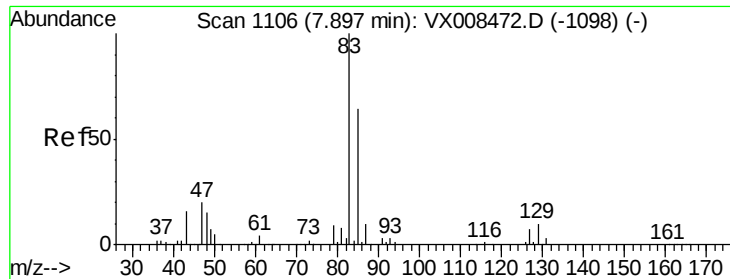
Ion Ratio Lower Upper

93 100

95 82.6 0.0 158.8

174 94.7 0.0 224.2





#41

Bromodichloromethane

Concen: 55.500 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

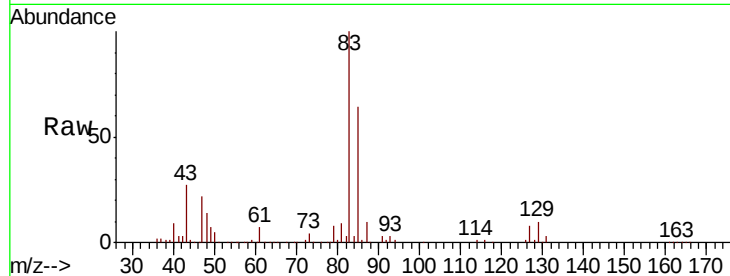
Tgt Ion: 83 Resp: 174716

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

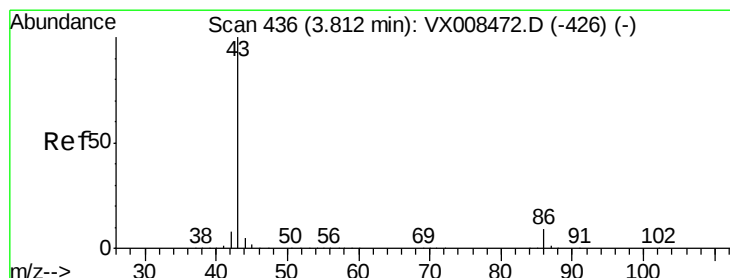
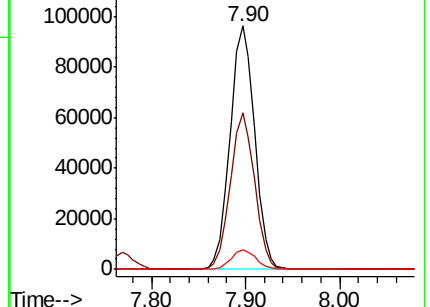
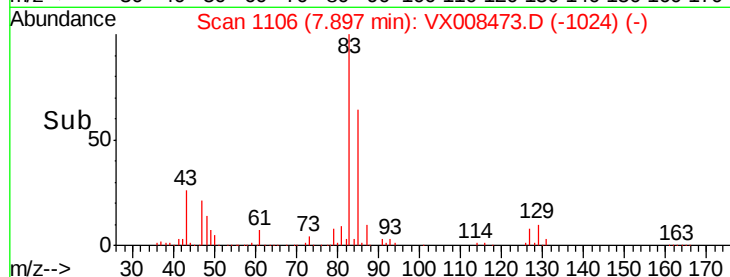
127 8.1 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 382.774 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008473.D

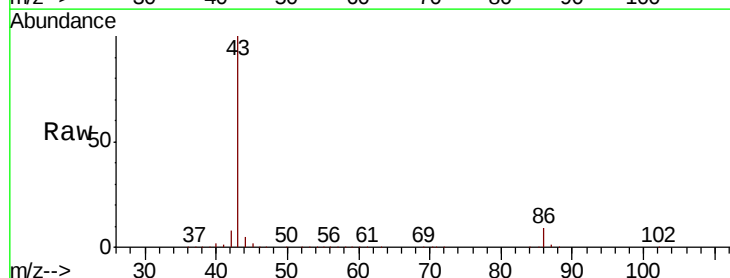
Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 2211505

Ion Ratio Lower Upper

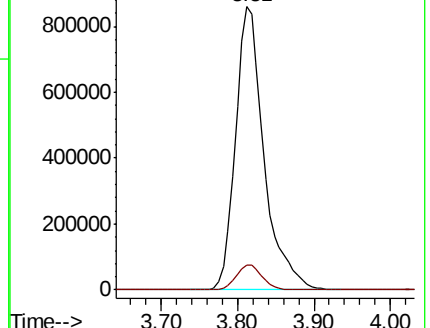
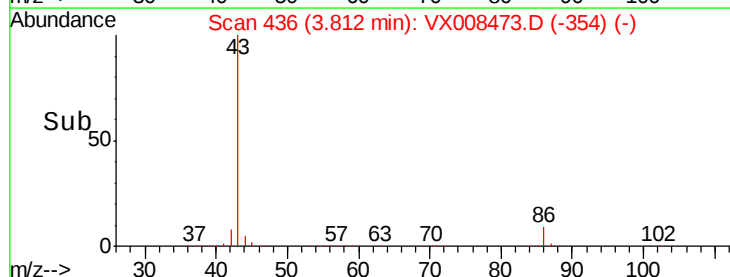
43 100

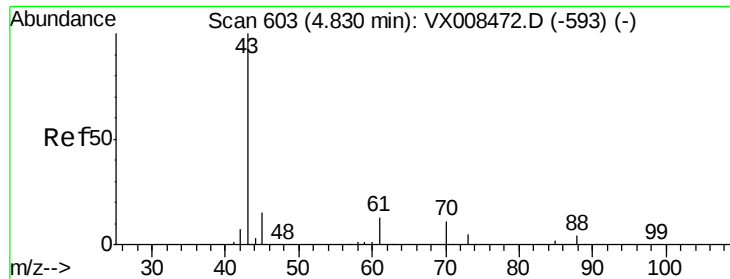
86 8.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

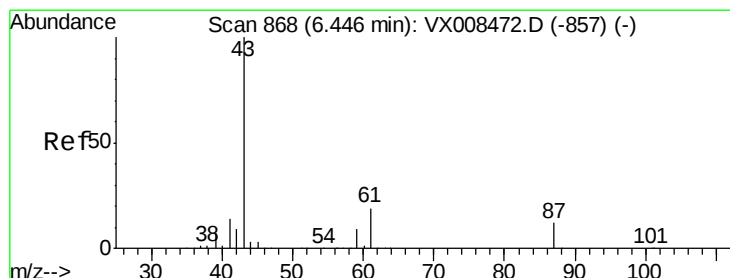
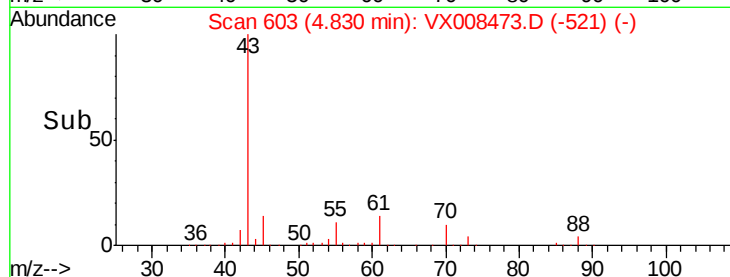
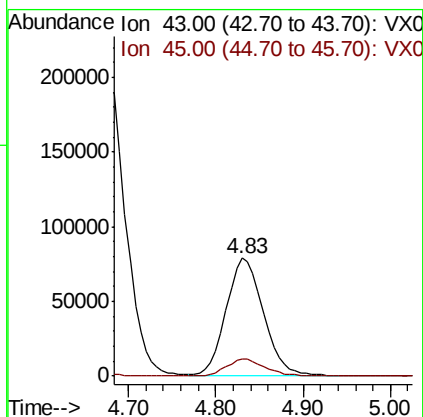
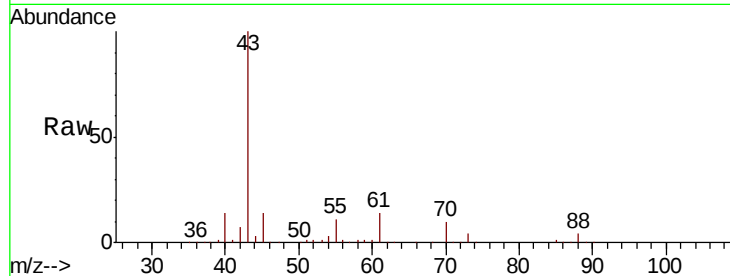




#43
Ethyl Acetate
Concen: 76.994 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

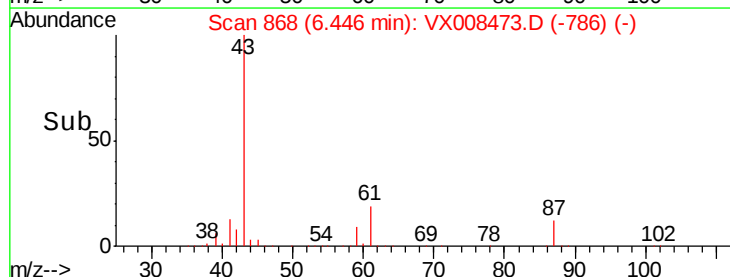
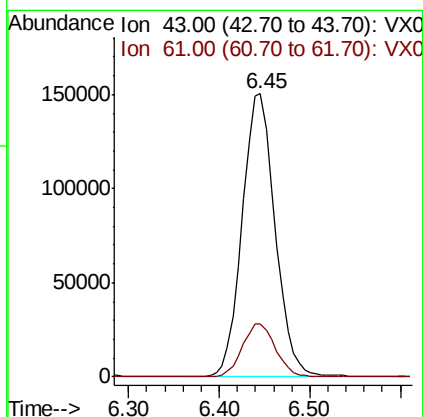
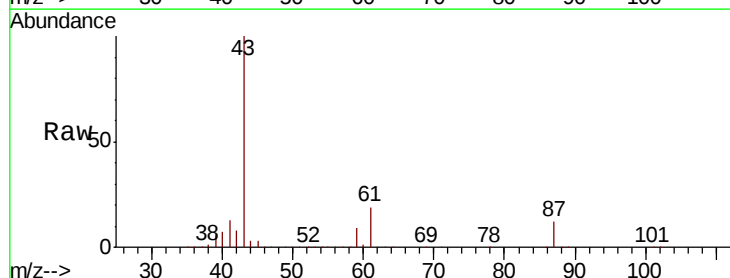
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

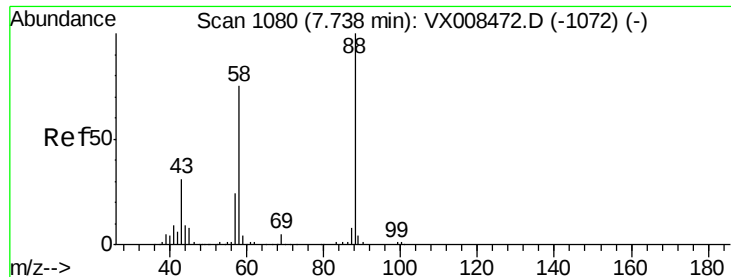
Tgt Ion: 43 Resp: 233615
Ion Ratio Lower Upper
43 100
45 14.9 6.9 10.3#



#44
Isopropyl Acetate
Concen: 78.842 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 376475
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1

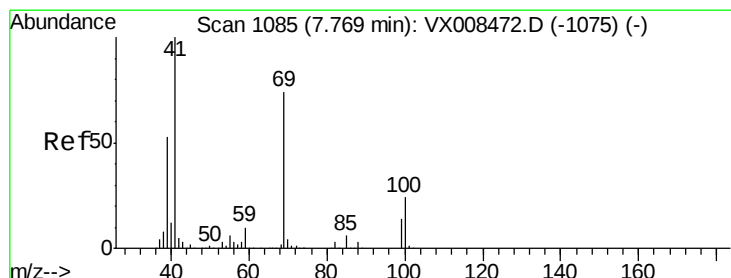
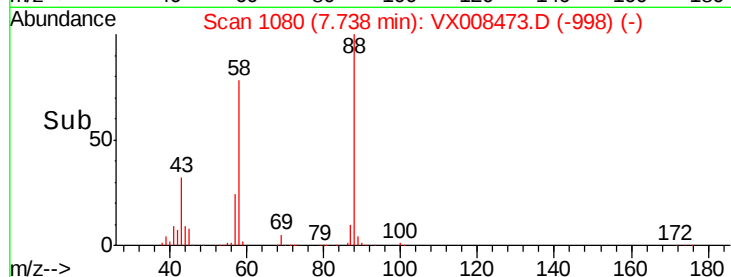
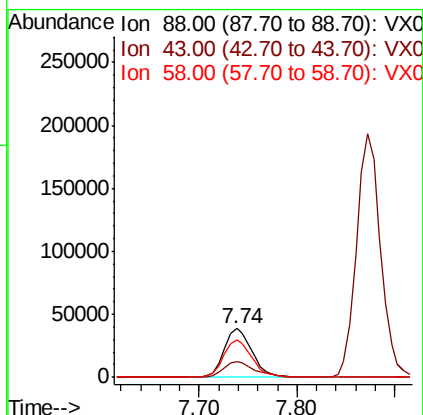
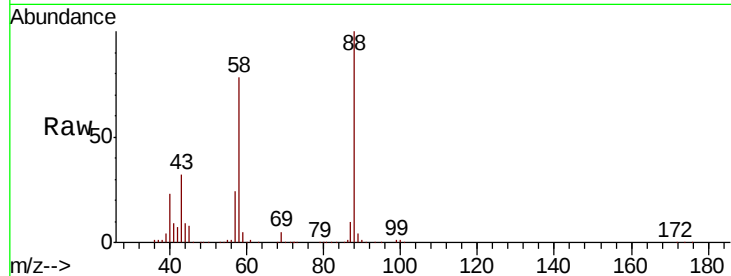




#45
 1,4-Dioxane
 Concen: 1271.206 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

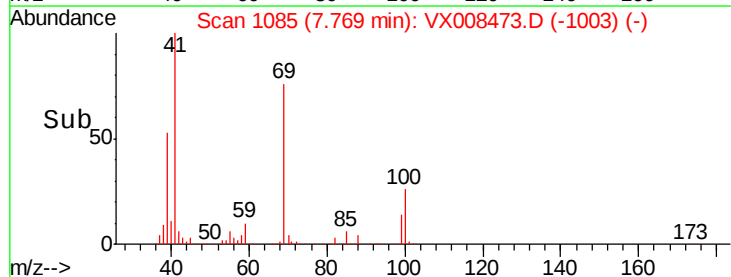
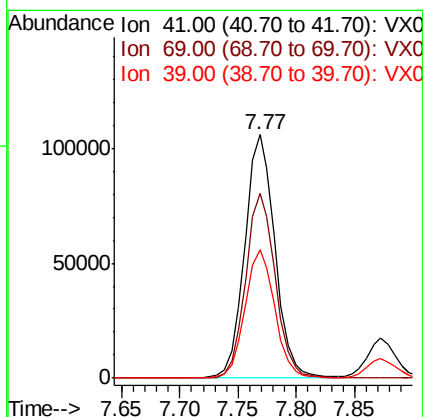
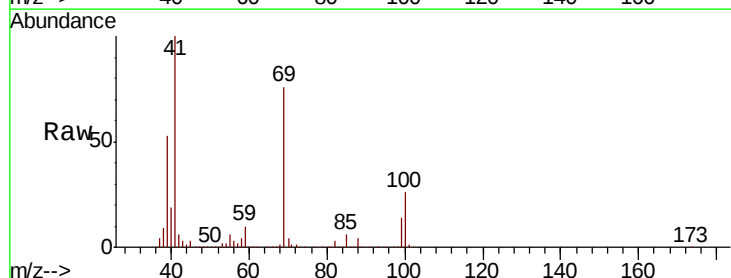
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

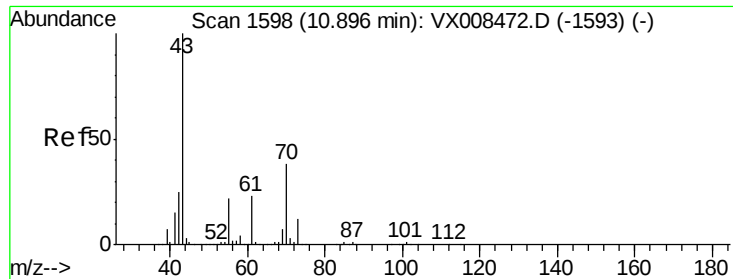
Tgt Ion: 88 Resp: 76348
 Ion Ratio Lower Upper
 88 100
 43 35.8 23.6 35.4#
 58 79.2 51.6 77.4#



#46
 Methyl methacrylate
 Concen: 81.420 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 41 Resp: 190769
 Ion Ratio Lower Upper
 41 100
 69 76.2 44.2 132.6
 39 52.8 29.9 89.8

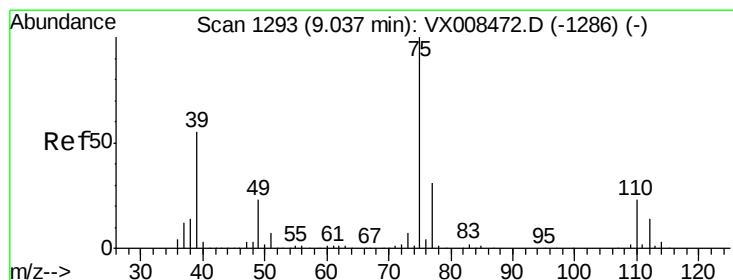
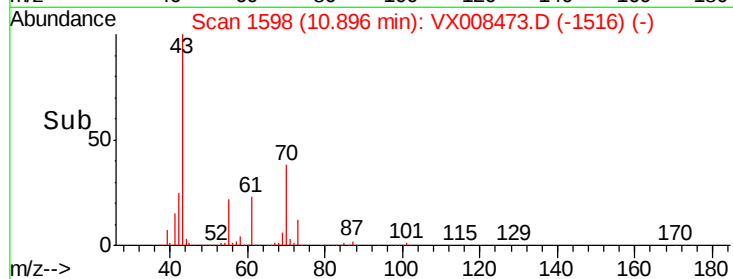
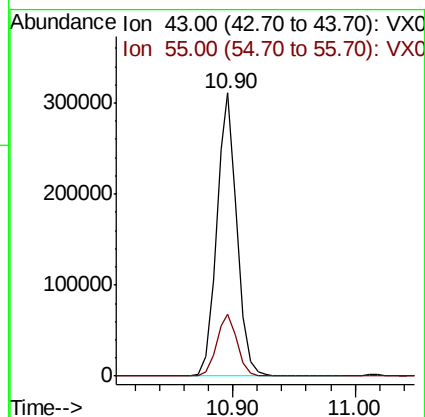
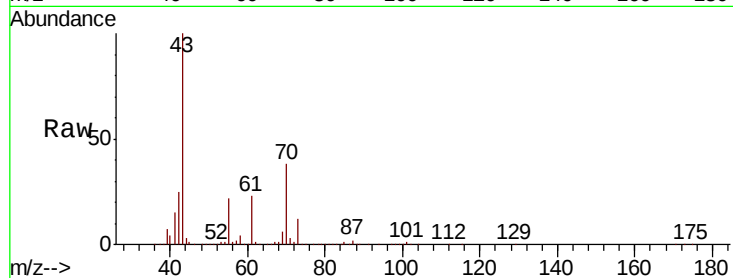




#47
n-amy1 Acetate
Concen: 87.130 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

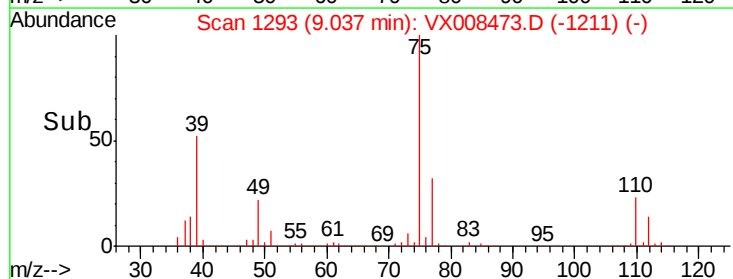
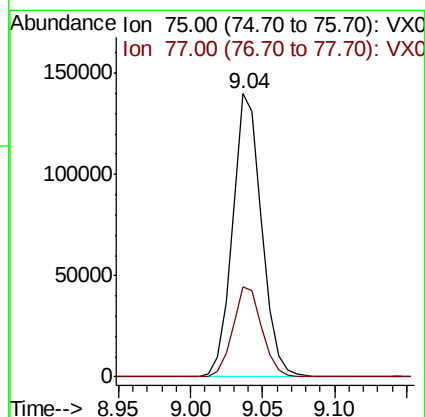
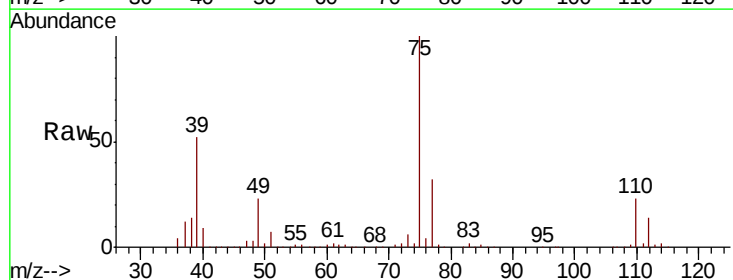
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

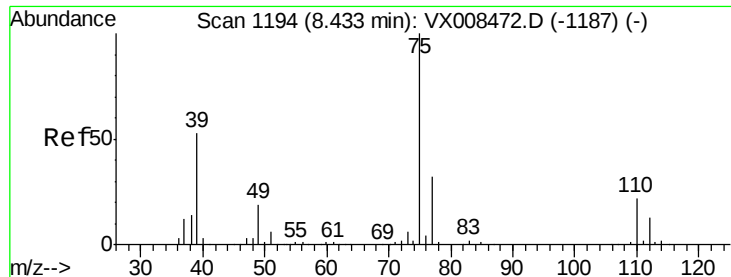
Tgt Ion: 43 Resp: 356707
Ion Ratio Lower Upper
43 100
55 22.4 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 62.728 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 75 Resp: 197710
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7



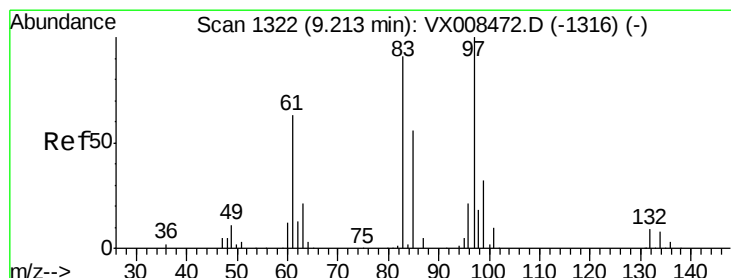
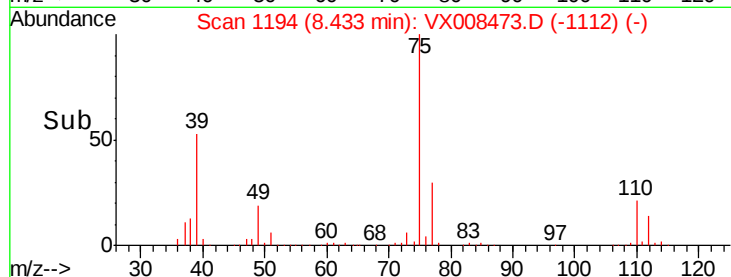
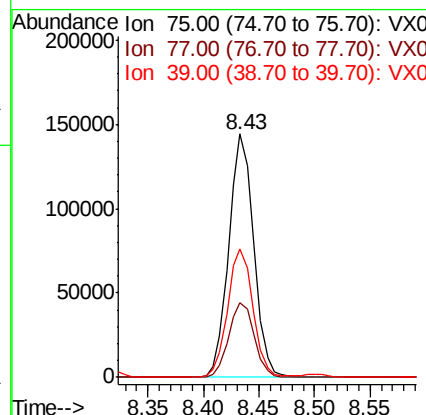
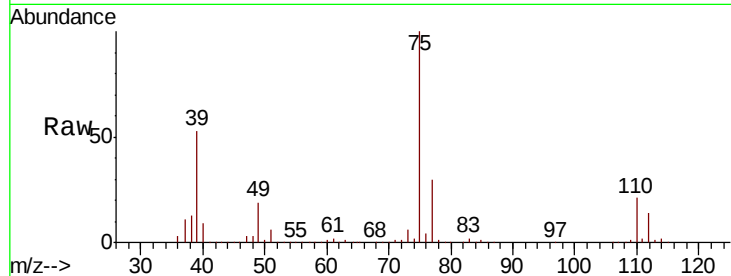


#49

cis-1,3-Dichloropropene
 Concen: 63.664 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

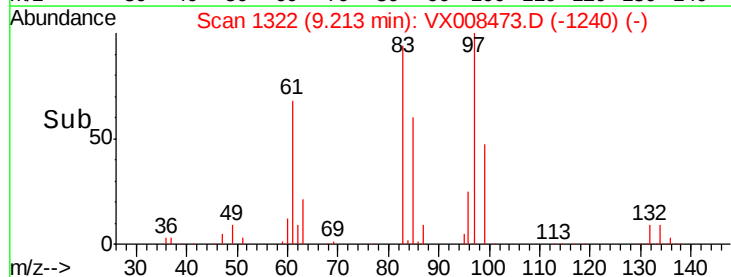
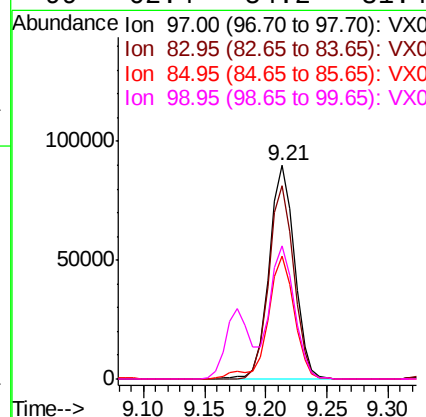
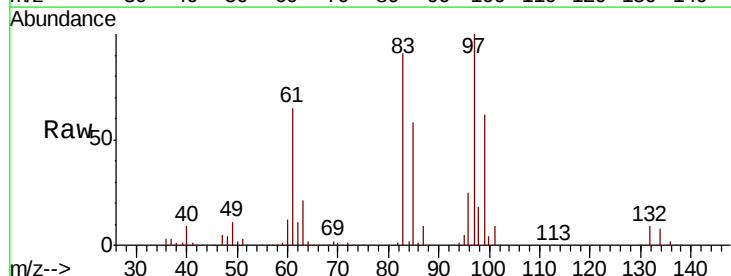
Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	52.7	38.5	57.7

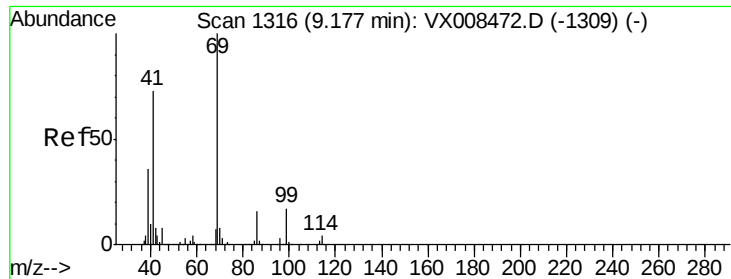


#50

1,1,2-Trichloroethane
 Concen: 54.577 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.6	72.0	108.0
85	57.7	45.0	67.6
99	62.4	54.2	81.4





#51

Ethyl methacrylate

Concen: 69.771 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

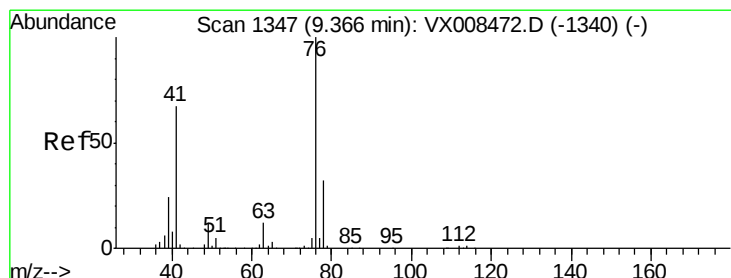
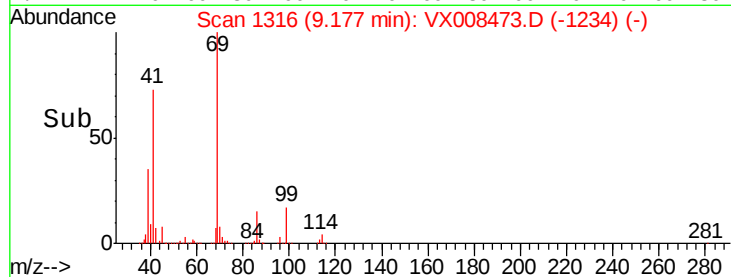
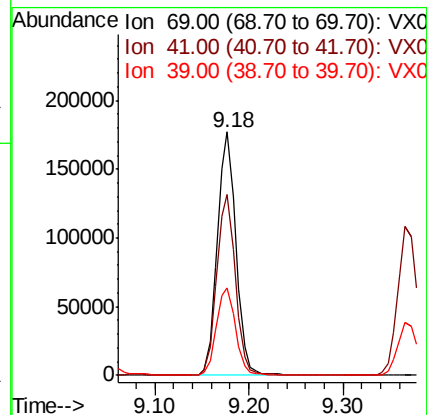
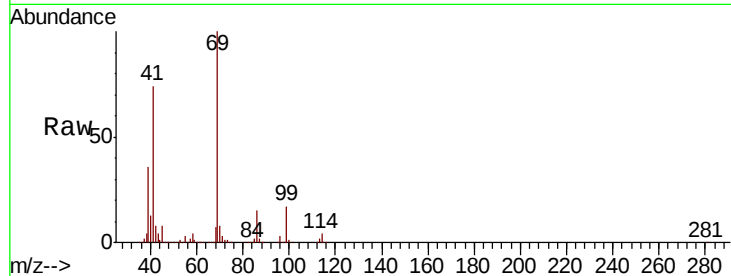
Tgt Ion: 69 Resp: 242773

Ion Ratio Lower Upper

69 100

41 74.4 32.1 96.5

39 35.7 18.8 56.3



#52

1,3-Dichloropropane

Concen: 60.261 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX008473.D

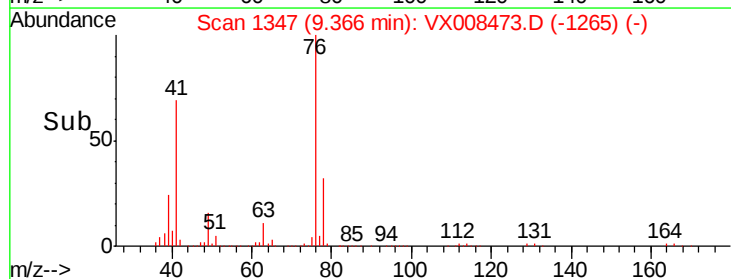
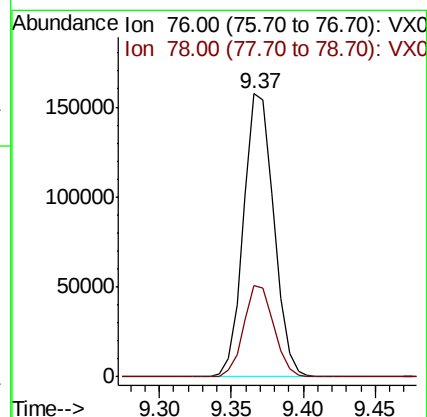
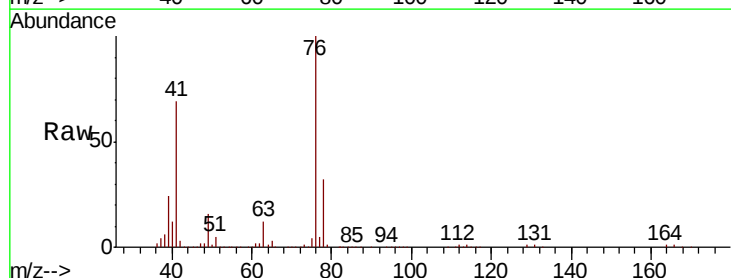
Acq: 27 Mar 2019 10:53

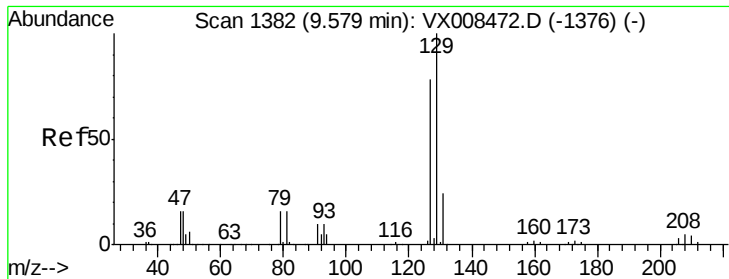
Tgt Ion: 76 Resp: 230339

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.2





#53

Dibromochloromethane

Concen: 47.707 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

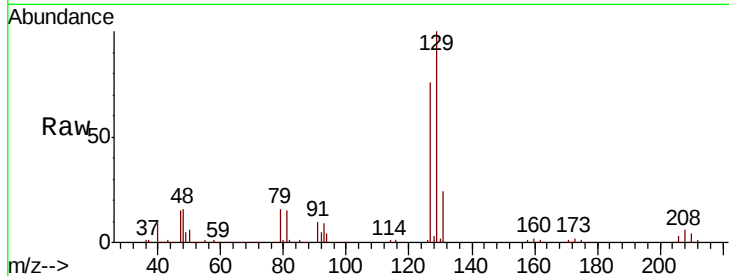
VSTDIC050

Tgt Ion:129 Resp: 128173

Ion Ratio Lower Upper

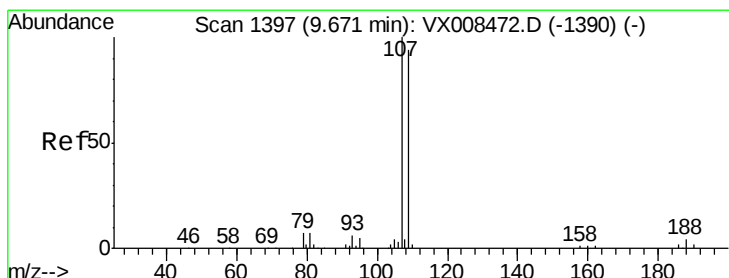
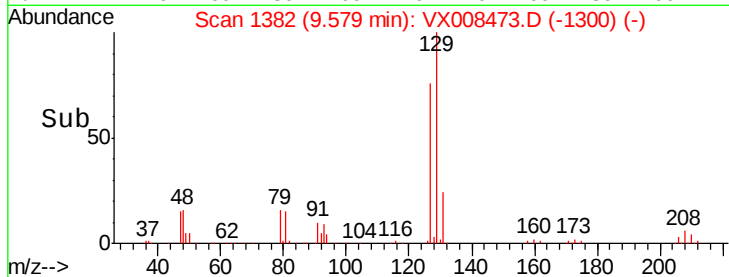
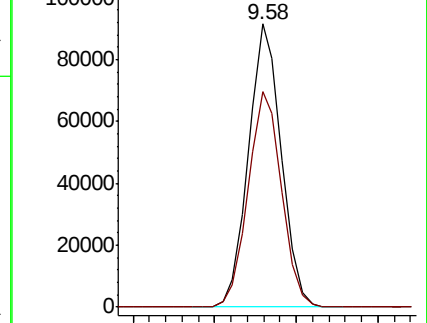
129 100

127 77.6 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 51.053 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008473.D

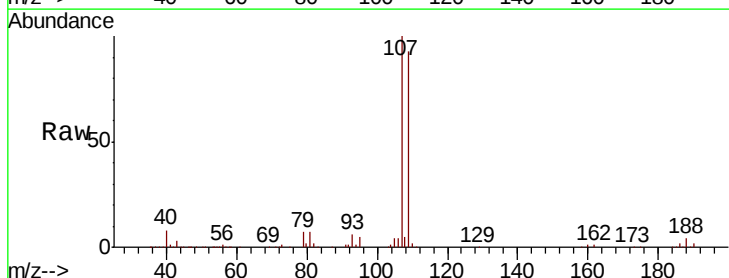
Acq: 27 Mar 2019 10:53

Tgt Ion:107 Resp: 133500

Ion Ratio Lower Upper

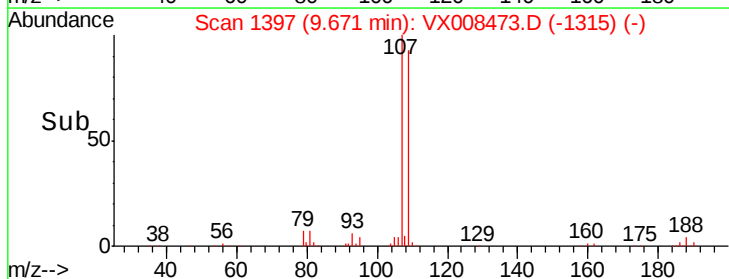
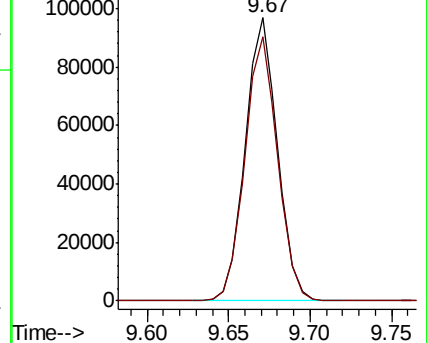
107 100

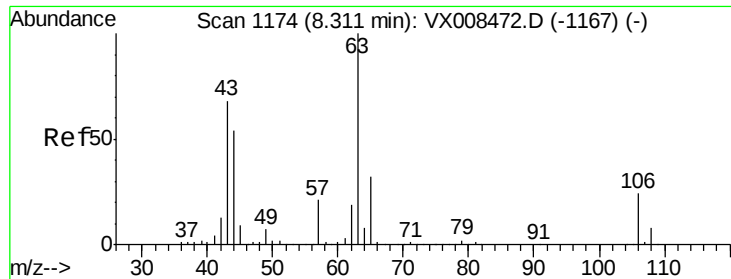
109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

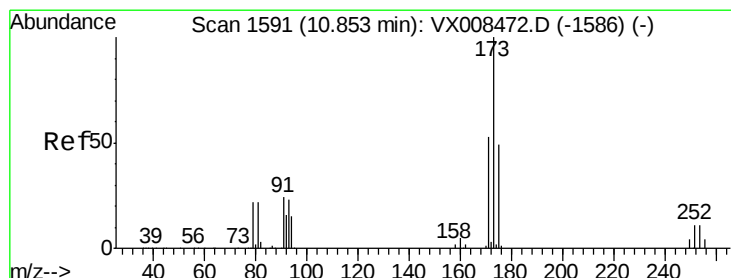
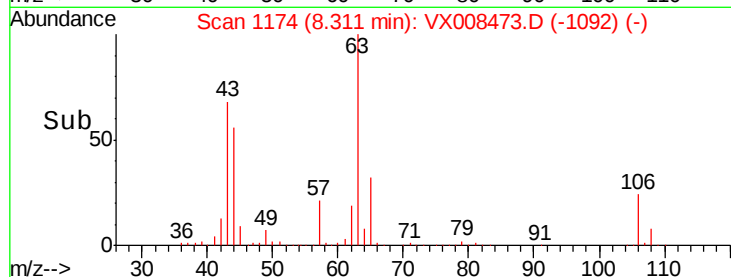
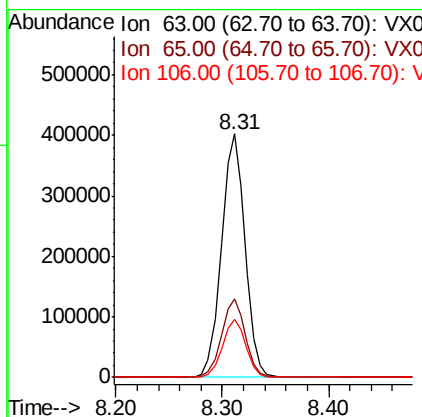
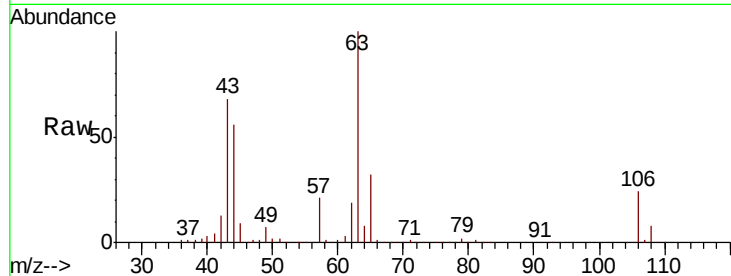




#55
2-Chloroethyl vinyl ether
Concen: 353.661 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

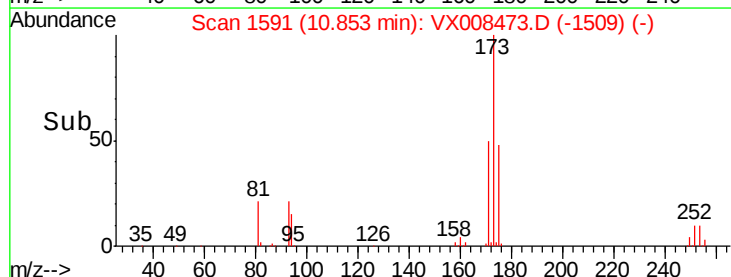
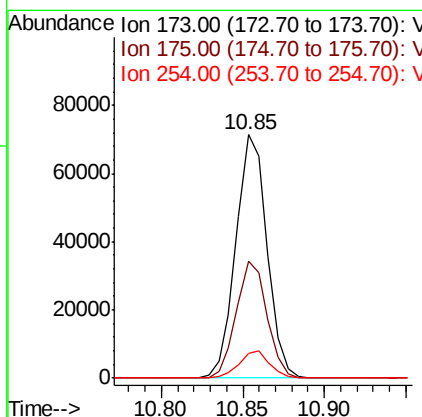
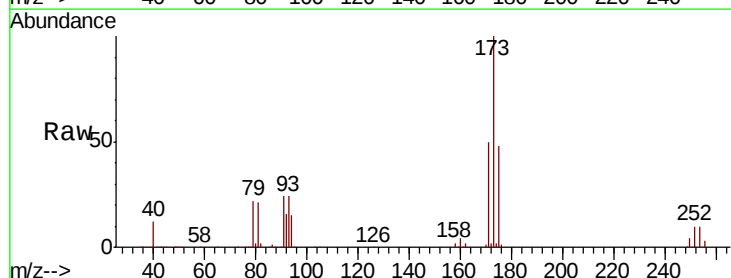
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

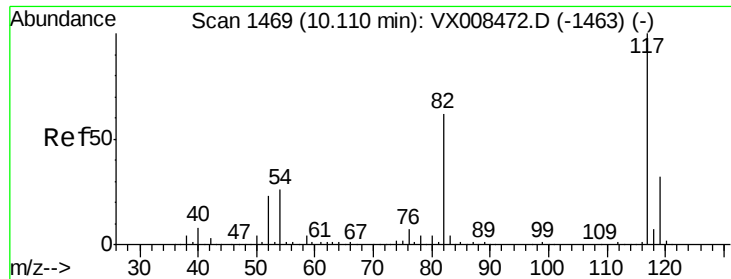
Tgt Ion: 63 Resp: 619119
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 23.9 23.7 35.5



#56
Bromoform
Concen: 44.628 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 173 Resp: 94660
Ion Ratio Lower Upper
173 100
175 47.8 38.5 57.7
254 11.0 7.4 11.2

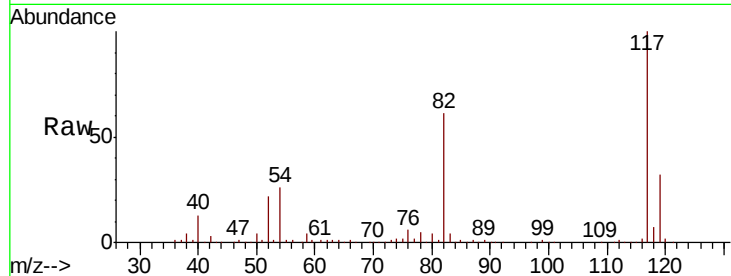




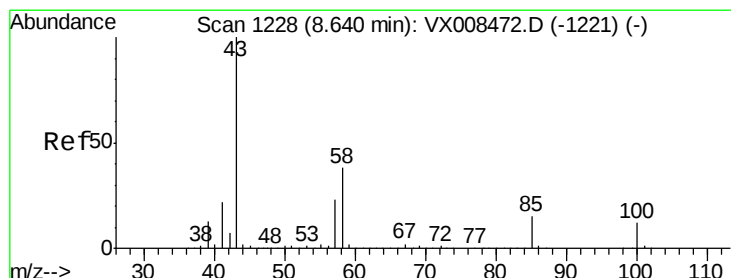
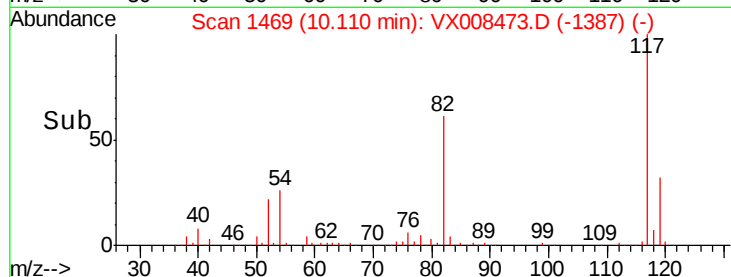
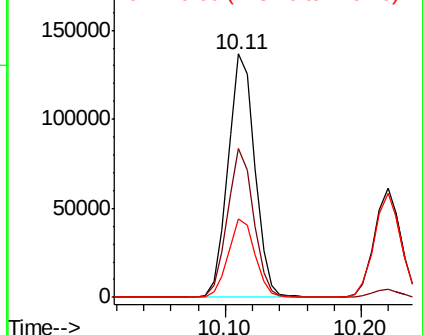
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 187348
Ion Ratio Lower Upper
117 100
82 59.9 40.4 60.6
119 32.4 25.8 38.6

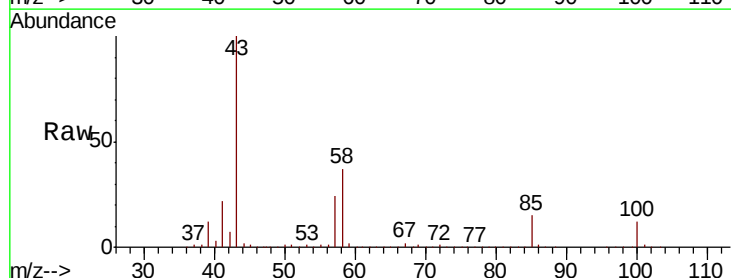


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

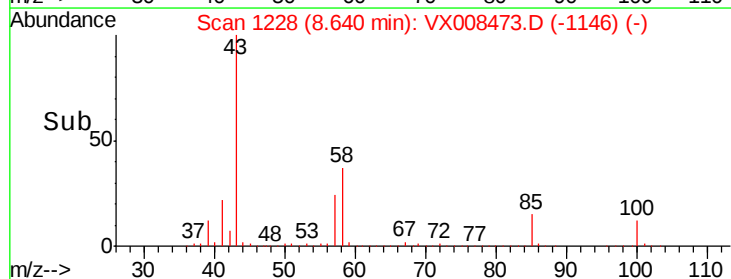
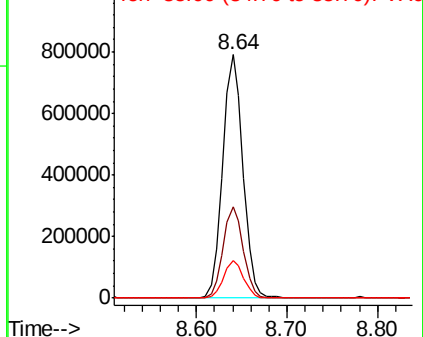


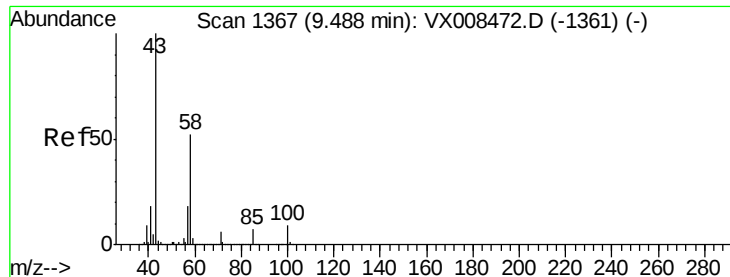
#58
4-Methyl-2-Pentanone
Concen: 390.442 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 1231604
Ion Ratio Lower Upper
43 100
58 37.3 31.4 47.0
85 15.2 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

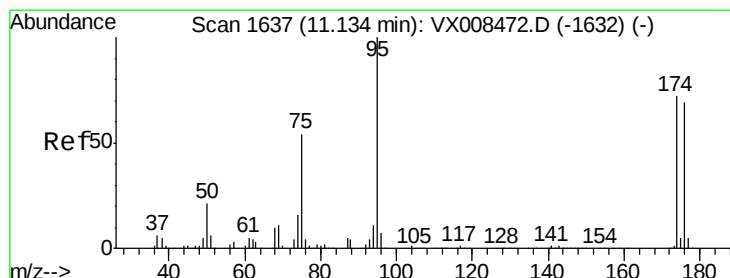
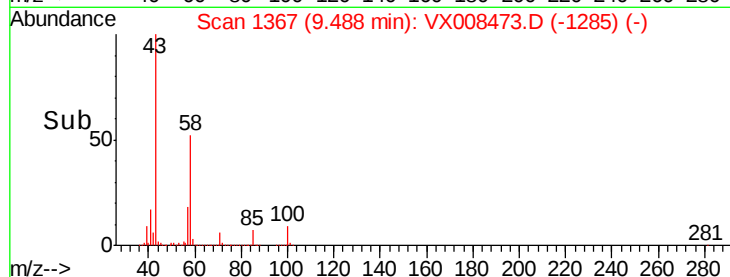
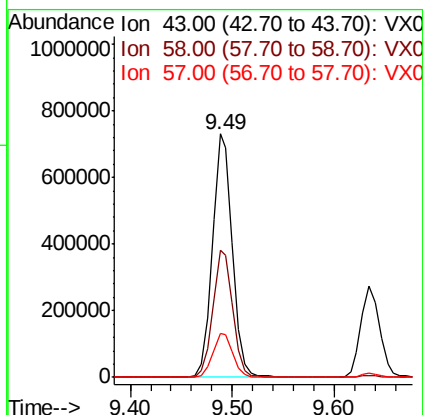
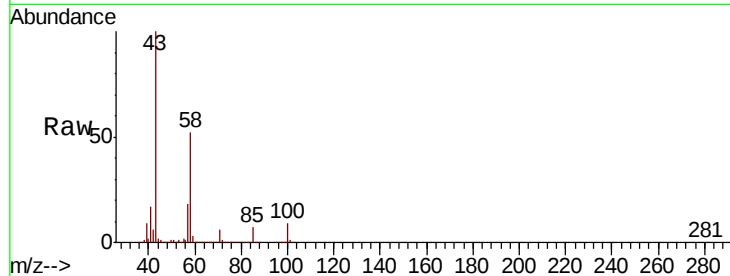




#59
2-Hexanone
Concen: 401.620 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

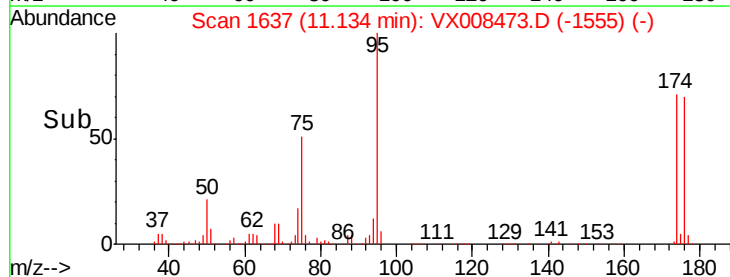
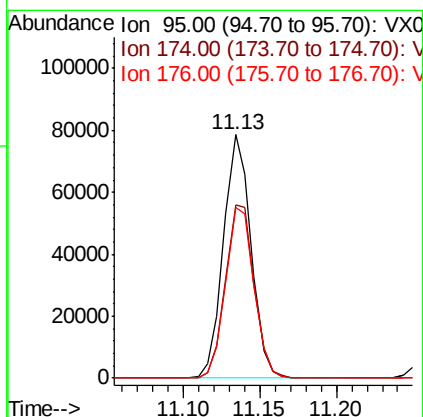
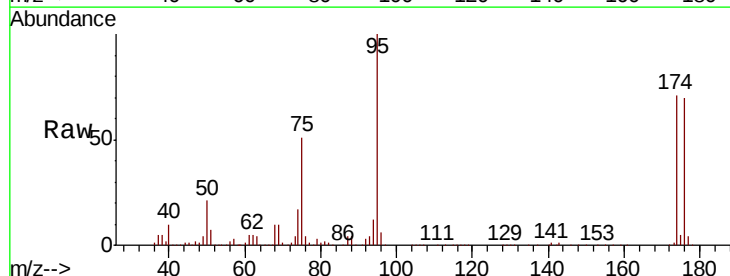
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

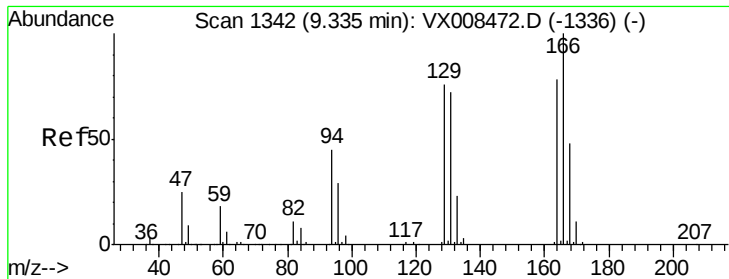
Tgt Ion: 43 Resp: 1002137
Ion Ratio Lower Upper
43 100
58 52.6 43.9 65.9
57 18.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 32.152 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 95 Resp: 98051
Ion Ratio Lower Upper
95 100
174 74.4 74.9 112.3#
176 72.6 70.7 106.1





#61

Tetrachloroethene

Concen: 39.764 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 100281

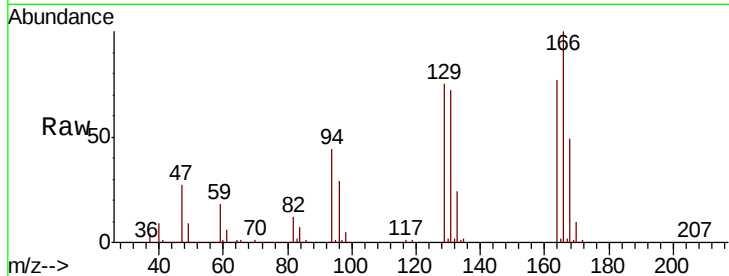
Ion Ratio Lower Upper

164 100

166 129.6 103.9 155.9

129 97.0 74.7 112.1

131 93.1 71.7 107.5

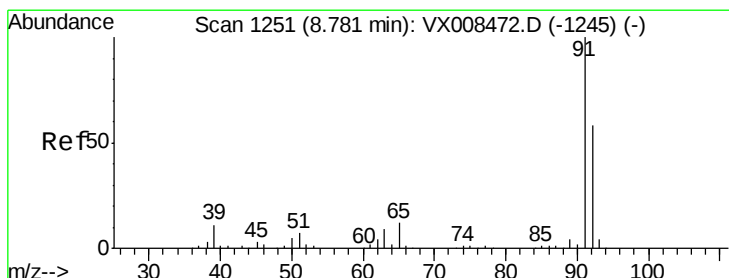
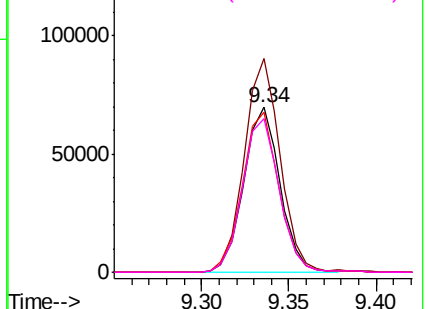
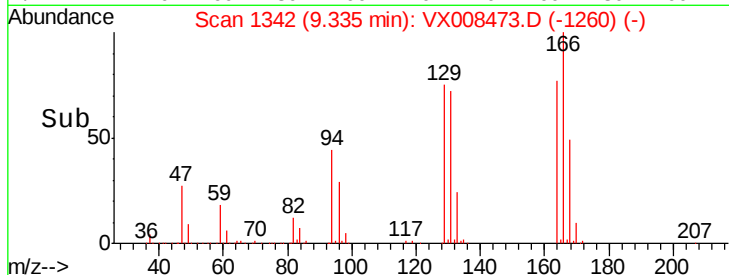


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 56.312 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008473.D

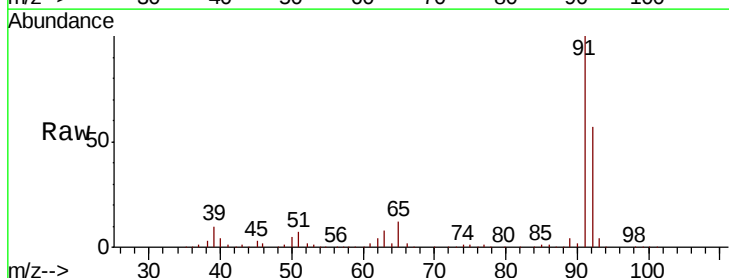
Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 559992

Ion Ratio Lower Upper

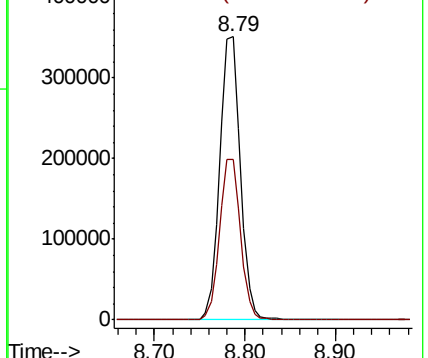
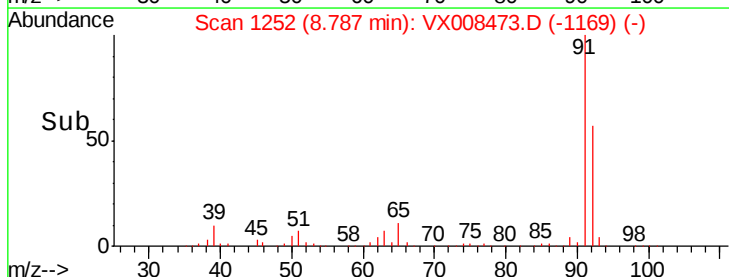
91 100

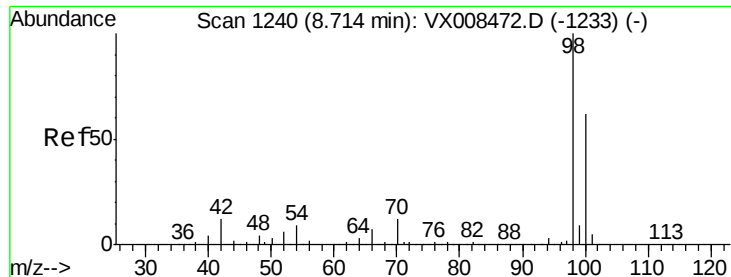
92 57.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.776 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

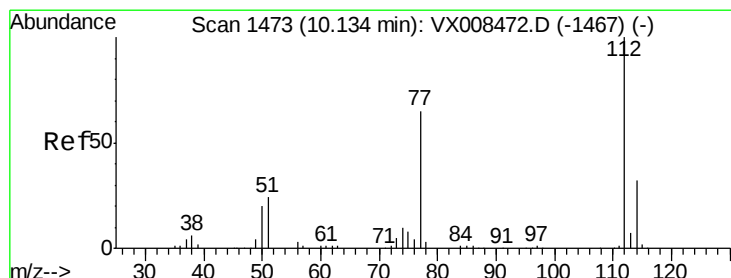
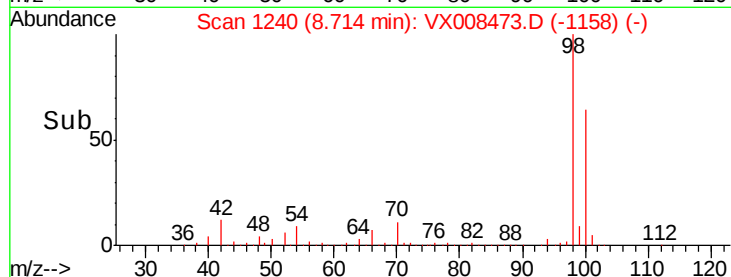
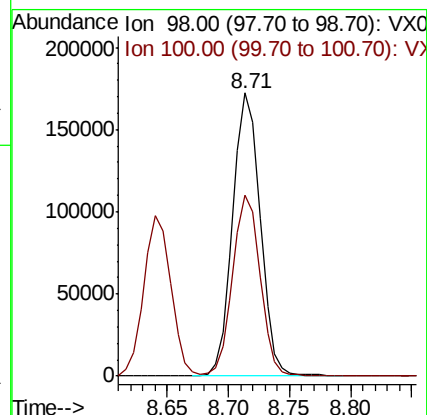
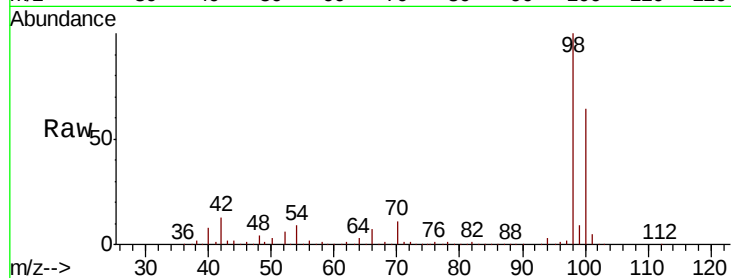
VSTDIC050

Tgt Ion: 98 Resp: 268221

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#64

Chlorobenzene

Concen: 51.368 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008473.D

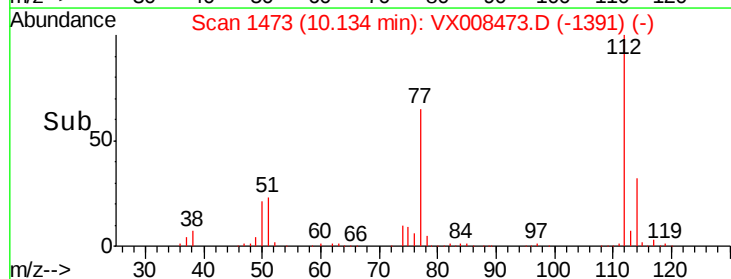
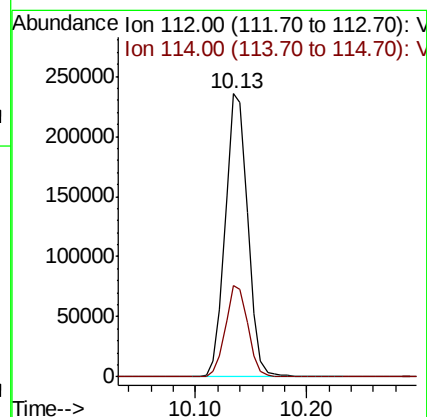
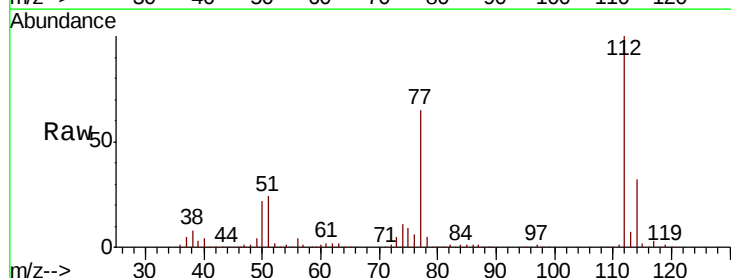
Acq: 27 Mar 2019 10:53

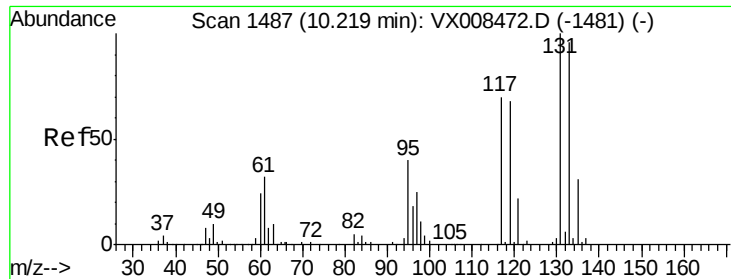
Tgt Ion: 112 Resp: 329323

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2

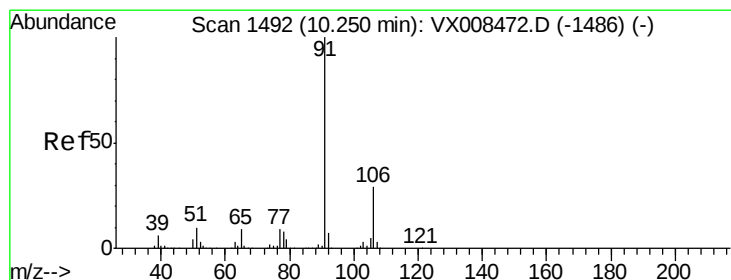
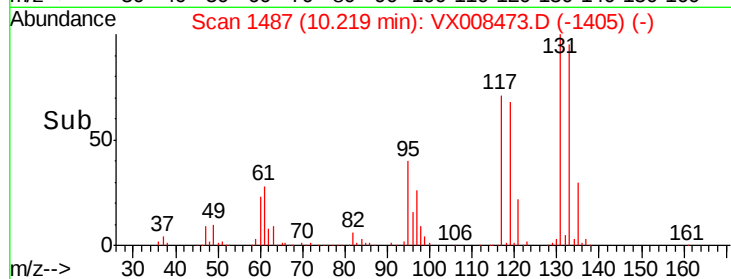
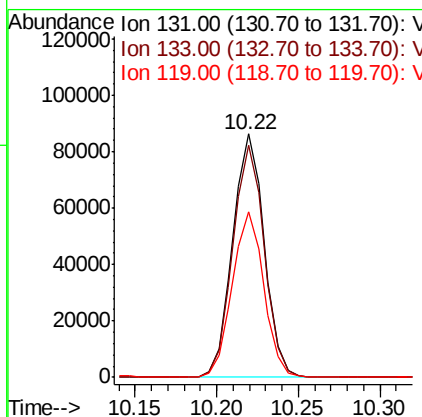
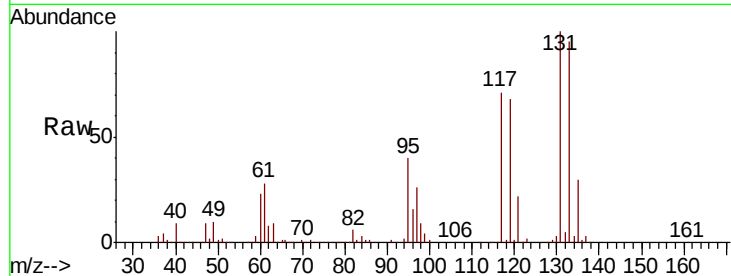




#65
 1,1,1,2-Tetrachloroethane
 Concen: 47.442 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

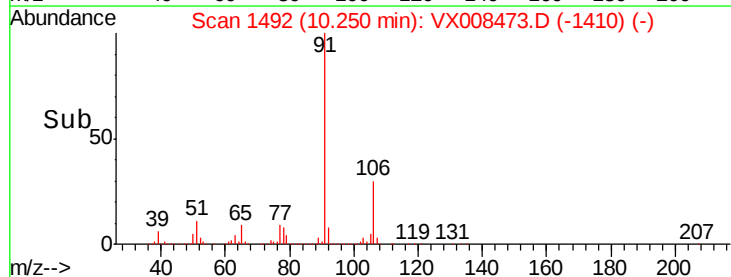
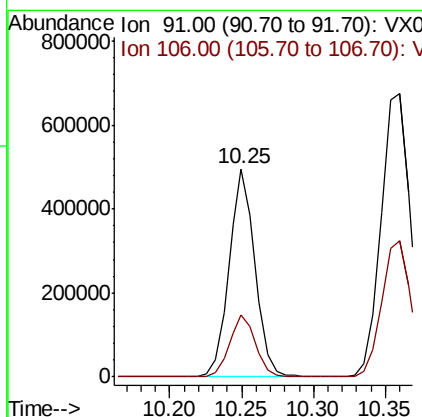
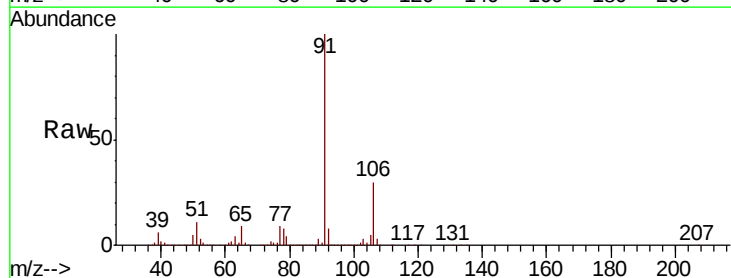
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

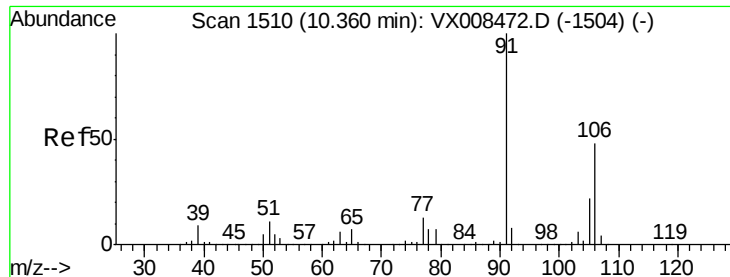
Tgt Ion: 131 Resp: 116164
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 191.6
 119 68.0 0.0 127.4



#66
 Ethyl Benzene
 Concen: 58.141 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 625293
 Ion Ratio Lower Upper
 91 100
 106 29.8 26.0 39.0

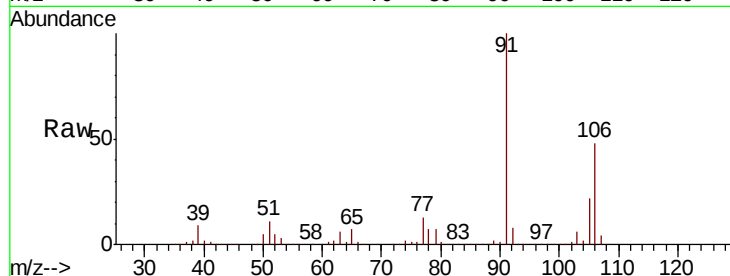




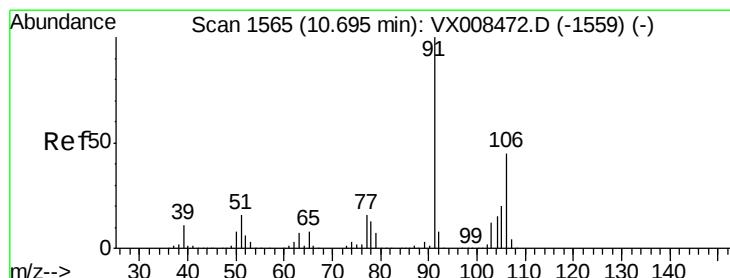
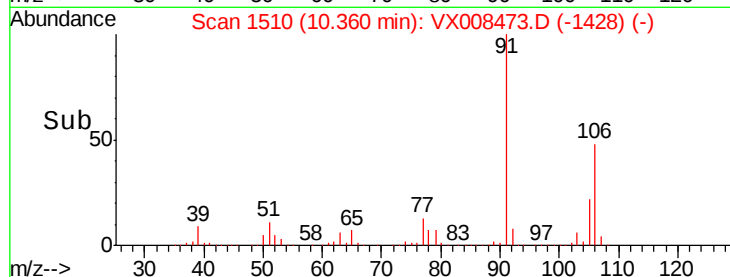
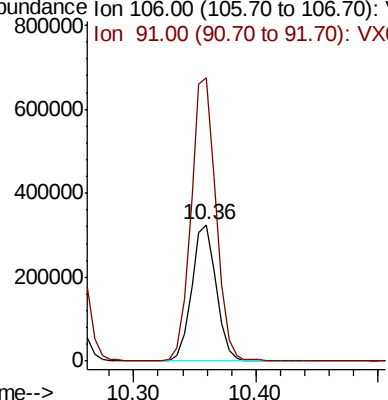
#67
m/p-Xylenes
Concen: 106.195 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 453922
Ion Ratio Lower Upper
106 100
91 210.6 157.0 235.4

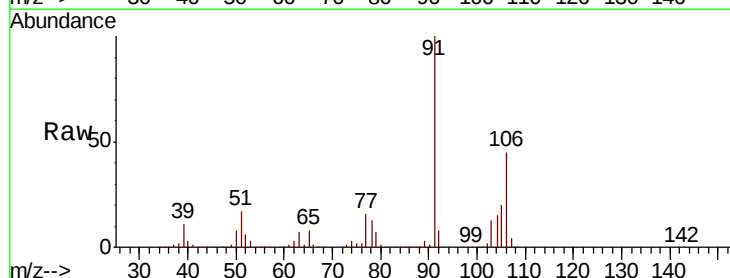


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

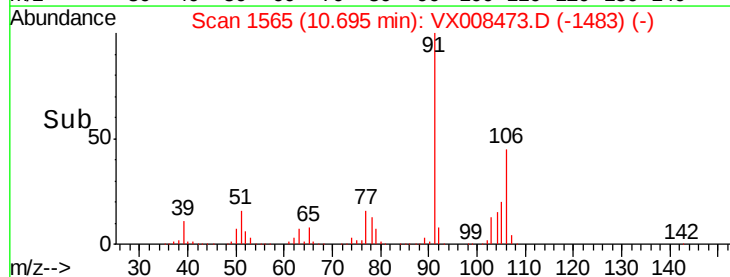
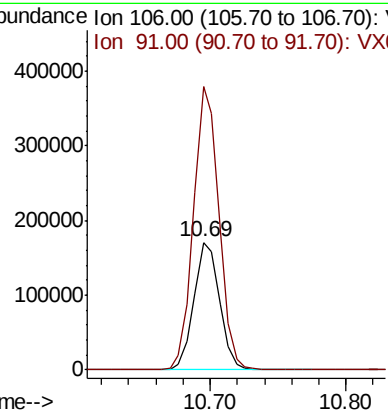


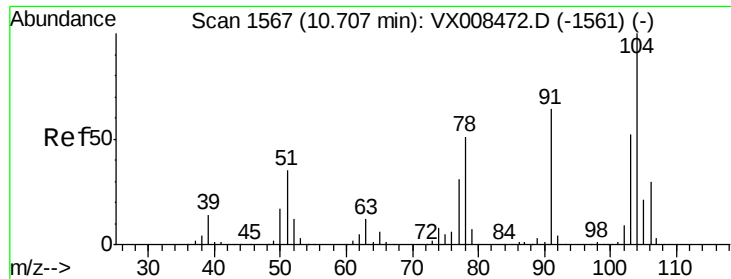
#68
o-Xylene
Concen: 54.236 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion:106 Resp: 222700
Ion Ratio Lower Upper
106 100
91 220.5 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

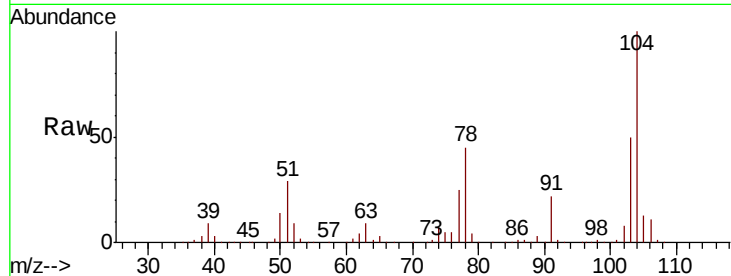




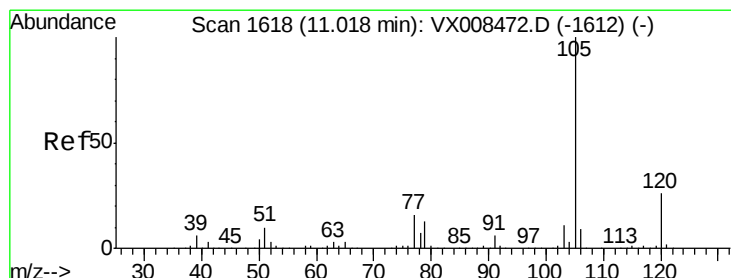
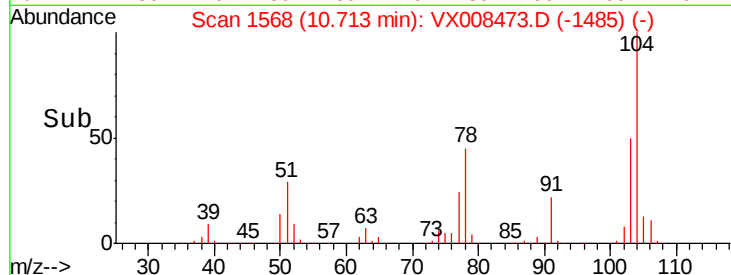
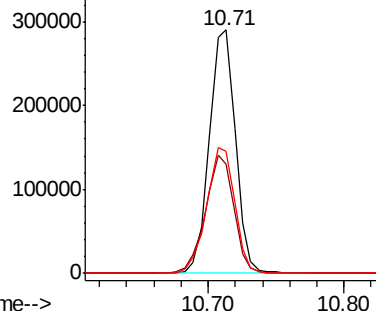
#69
Styrene
Concen: 56.095 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 388868
Ion Ratio Lower Upper
104 100
78 52.3 38.2 57.2
103 55.7 45.0 67.4

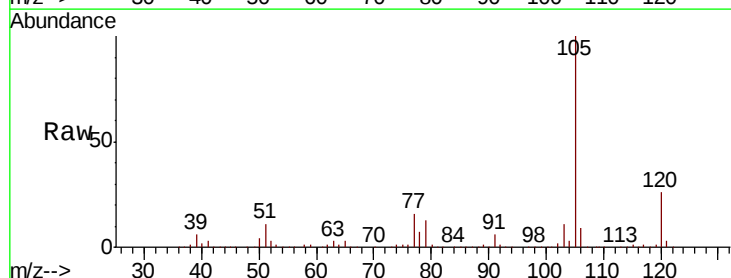


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

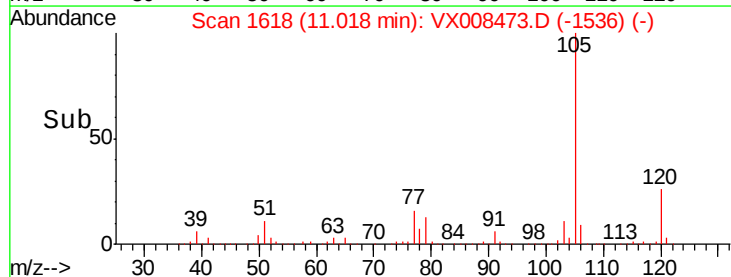
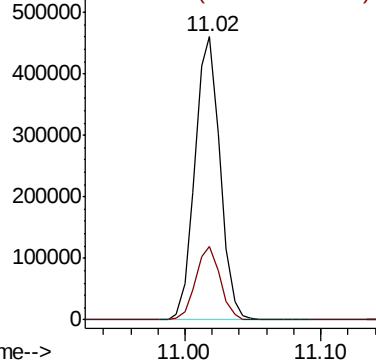


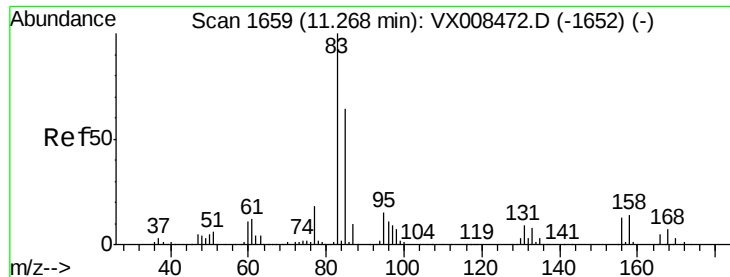
#70
Isopropylbenzene
Concen: 54.418 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion:105 Resp: 587900
Ion Ratio Lower Upper
105 100
120 25.5 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

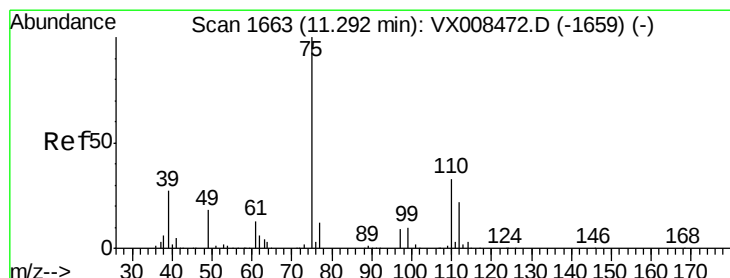
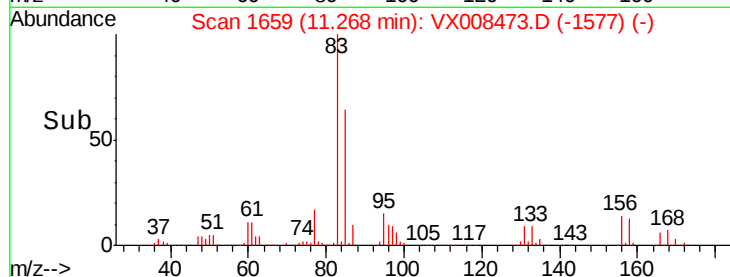
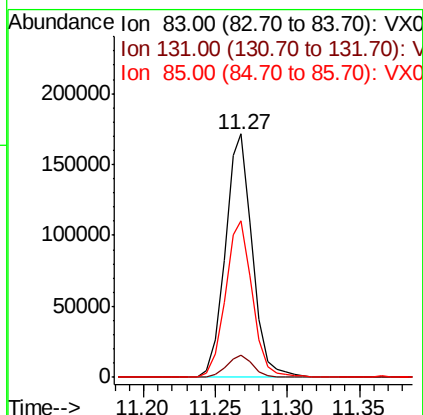
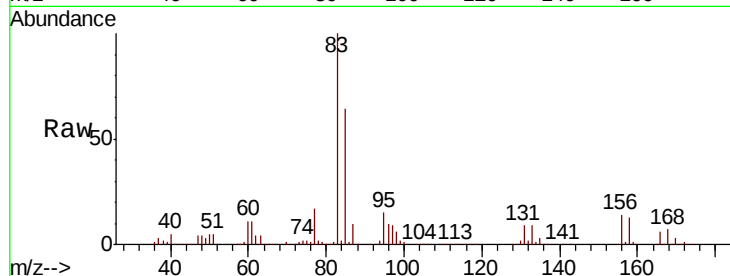




#71
 1,1,2,2-Tetrachloroethane
 Concen: 61.181 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

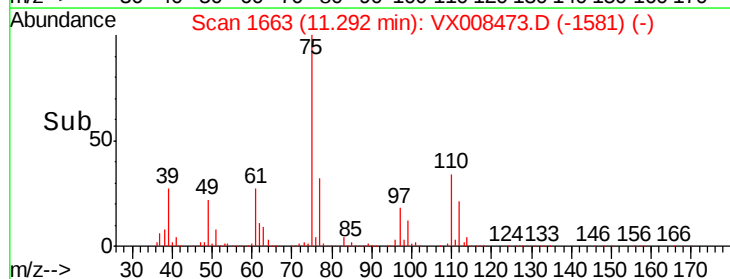
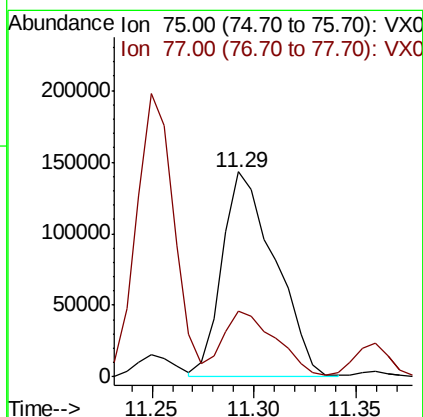
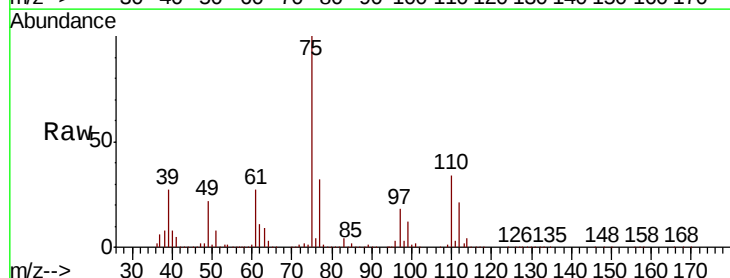
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

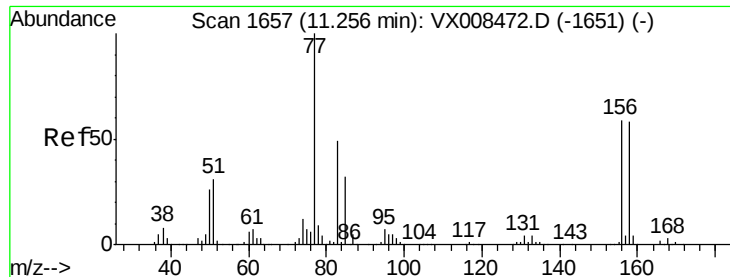
Tgt Ion: 83 Resp: 225388
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.4 16.2
 85 64.4 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 87.070 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 75 Resp: 258381
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 76.4





#73

Bromobenzene

Concen: 46.962 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

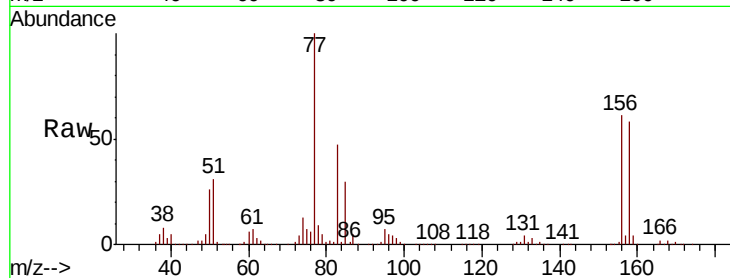
Tgt Ion:156 Resp: 140373

Ion Ratio Lower Upper

156 100

77 179.3 0.0 271.4

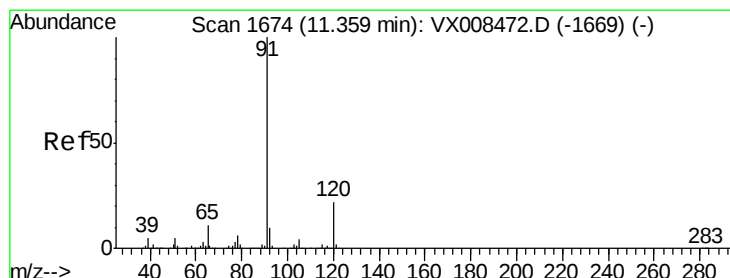
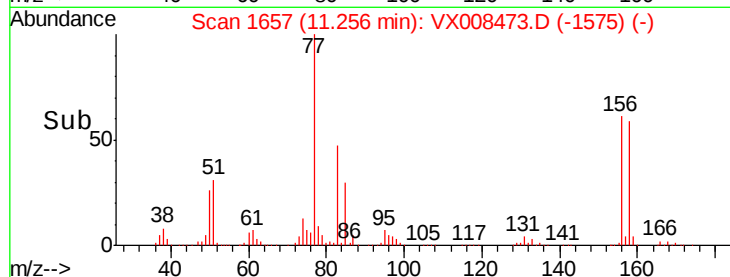
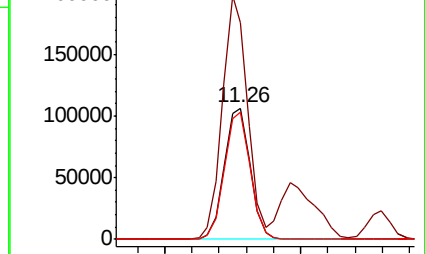
158 96.3 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 58.145 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008473.D

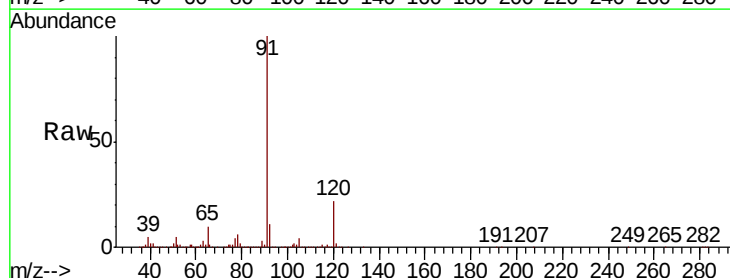
Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 700187

Ion Ratio Lower Upper

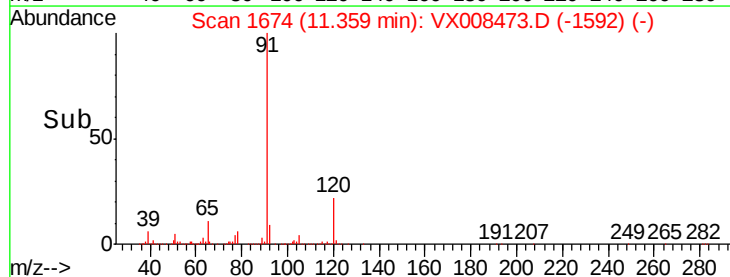
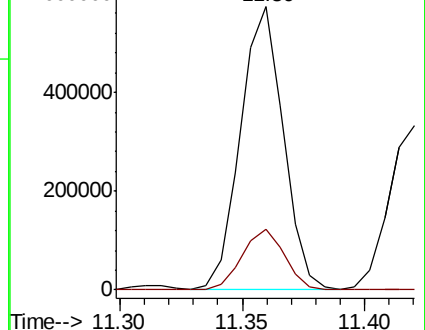
91 100

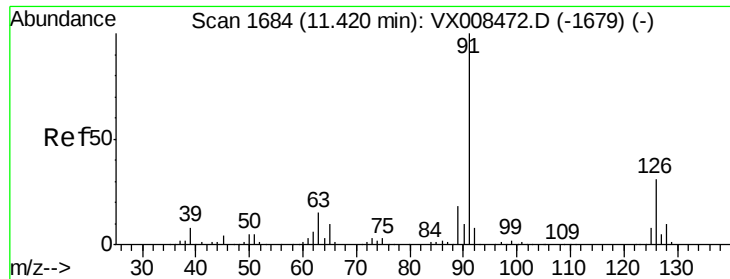
120 21.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 57.693 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

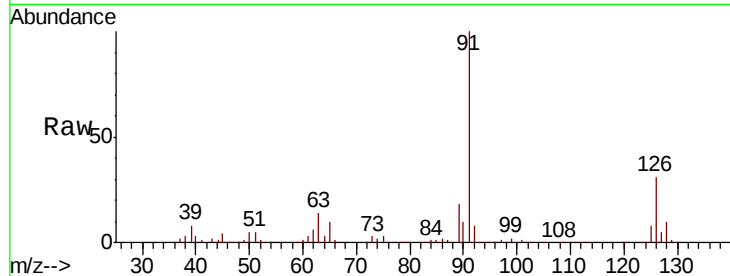
VSTDIC050

Tgt Ion: 91 Resp: 414901

Ion Ratio Lower Upper

91 100

126 31.4 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008473.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008473.D (-1679) (-)

600000

400000

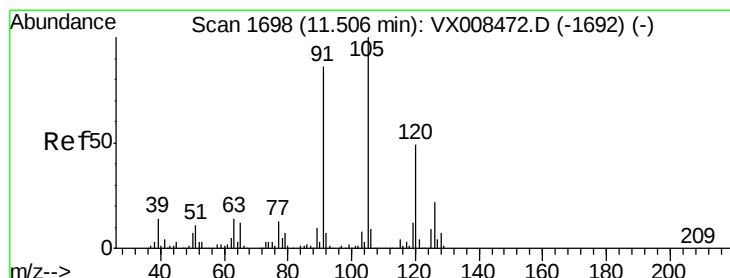
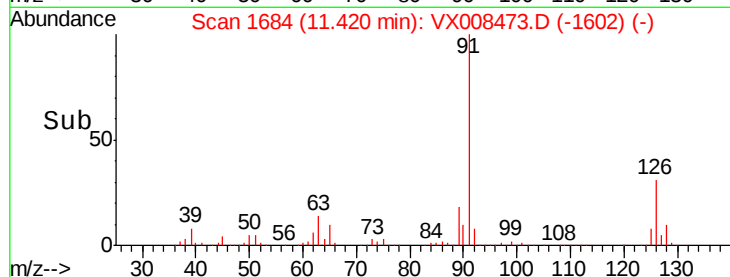
200000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 53.941 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008473.D

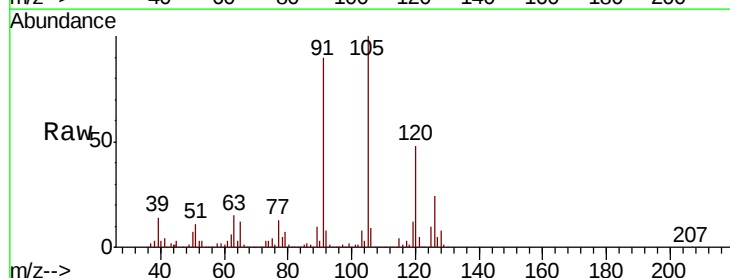
Acq: 27 Mar 2019 10:53

Tgt Ion: 105 Resp: 497828

Ion Ratio Lower Upper

105 100

120 47.1 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008473.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008473.D (-1692) (-)

400000

300000

200000

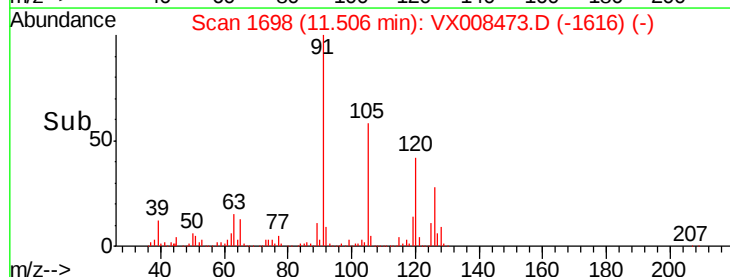
100000

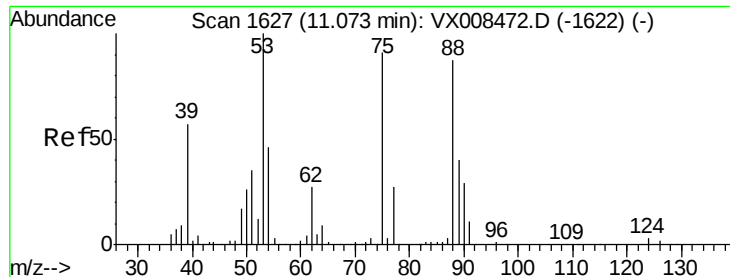
0

11.51

11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 70.753 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008473.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

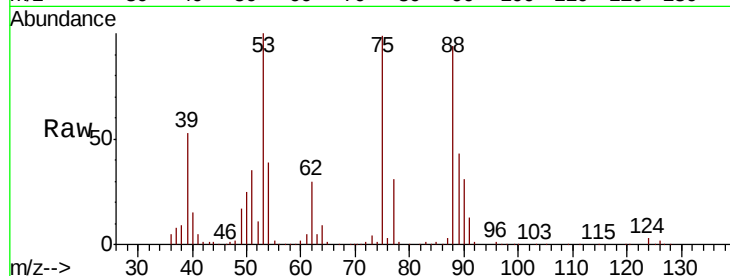
Tgt Ion: 75 Resp: 74381

Ion Ratio Lower Upper

75 100

53 101.3 55.5 166.7

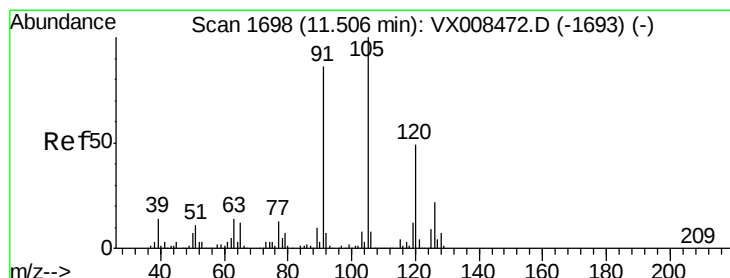
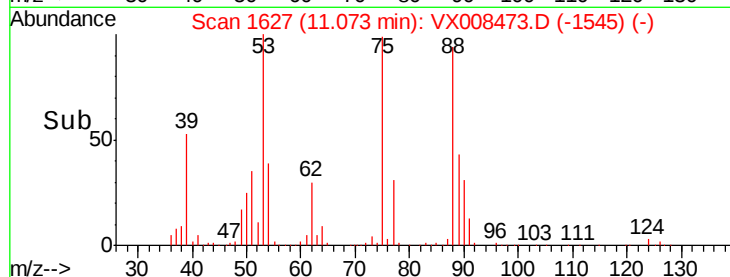
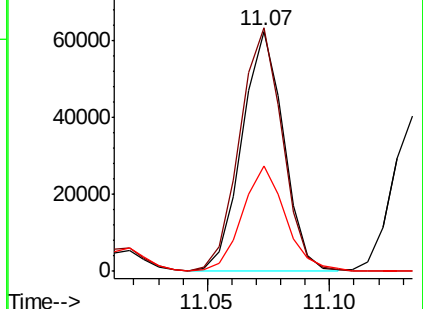
89 43.9 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 56.266 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008473.D

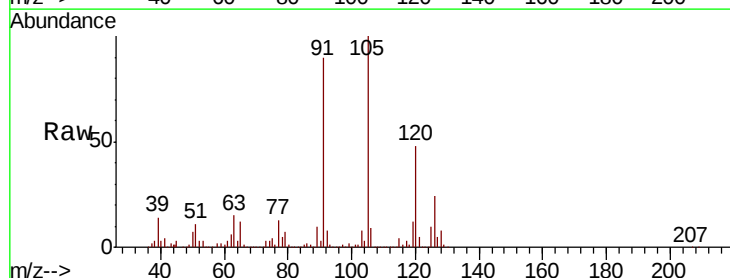
Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 476227

Ion Ratio Lower Upper

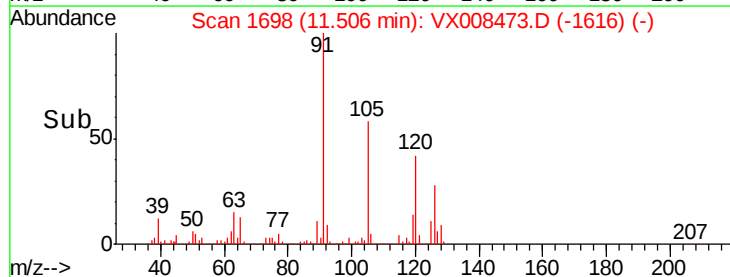
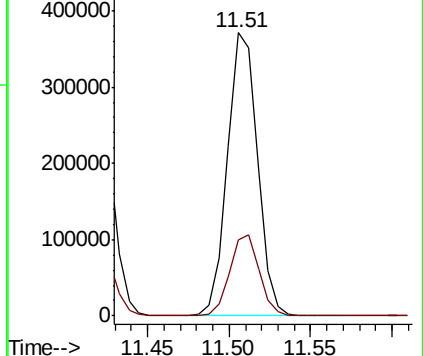
91 100

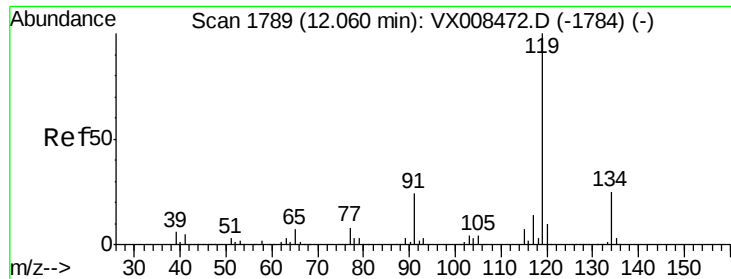
126 28.1 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

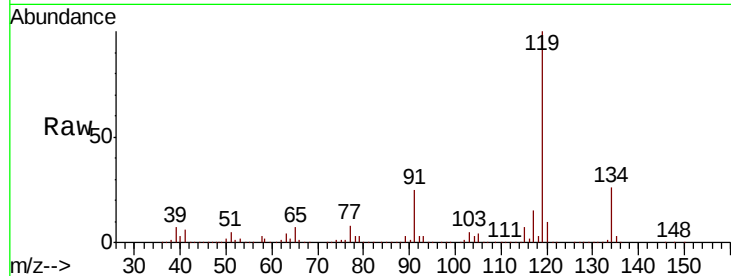




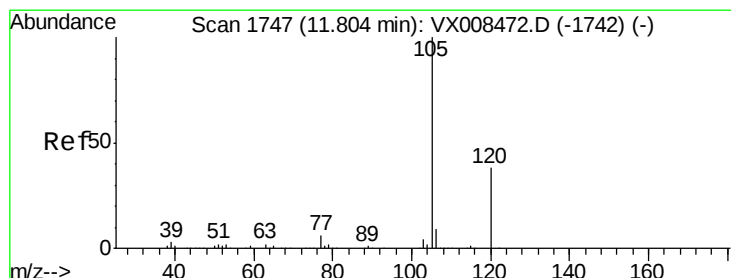
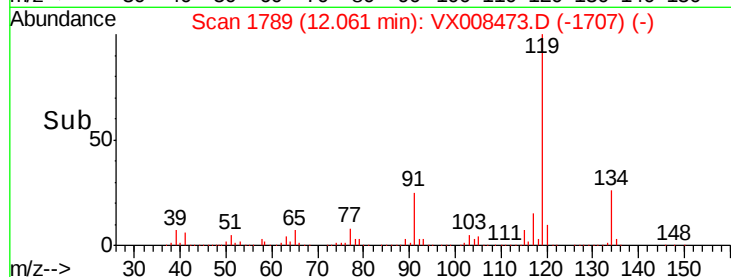
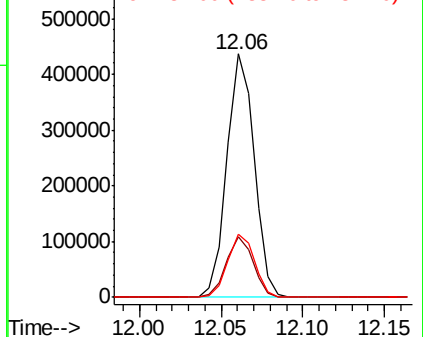
#79
tert-butylbenzene
Concen: 52.578 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 510432
Ion Ratio Lower Upper
119 100
91 24.6 0.0 45.0
134 25.8 0.0 55.4

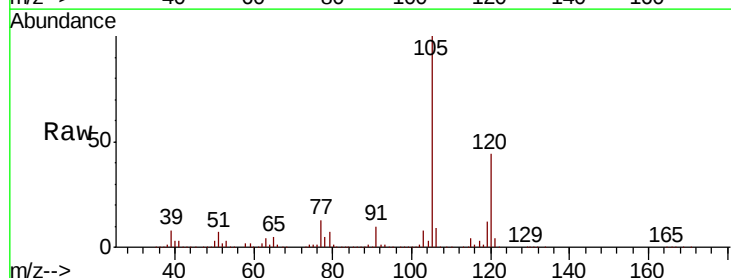


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

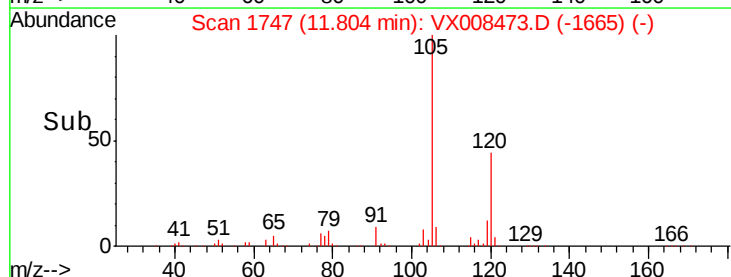
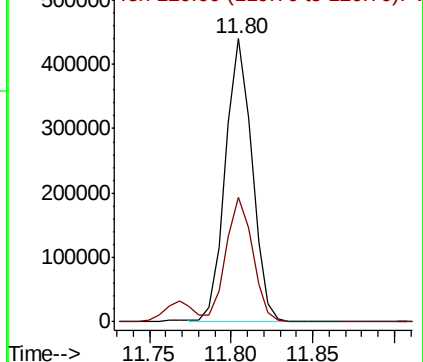


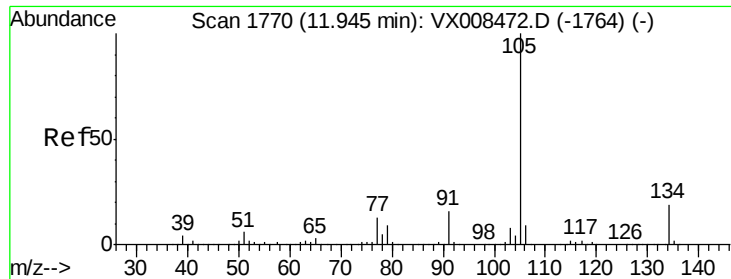
#80
1,2,4-Trimethylbenzene
Concen: 54.595 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion:105 Resp: 500688
Ion Ratio Lower Upper
105 100
120 44.3 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

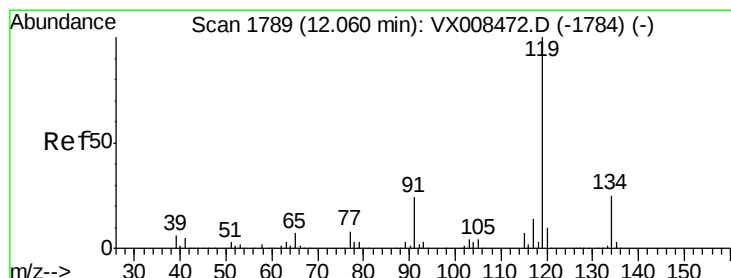
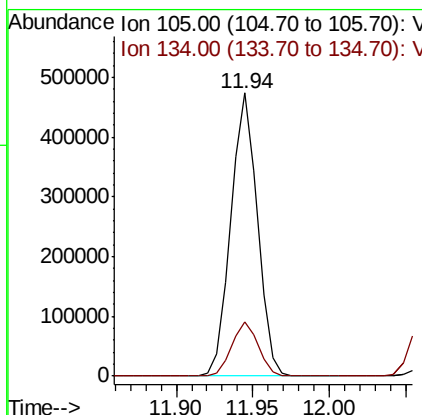
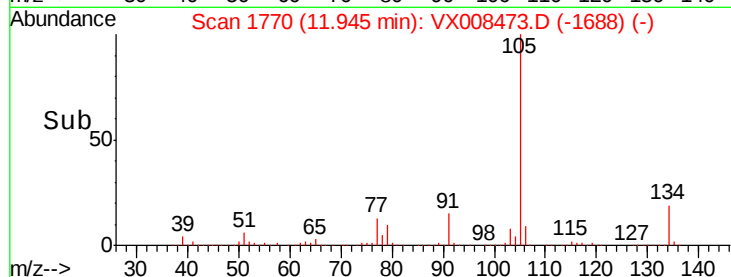
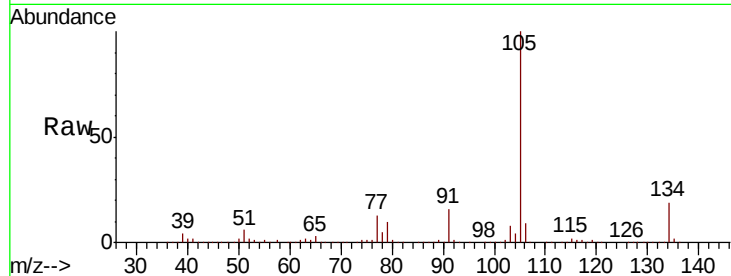




#81
 sec-Butylbenzene
 Concen: 54.095 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

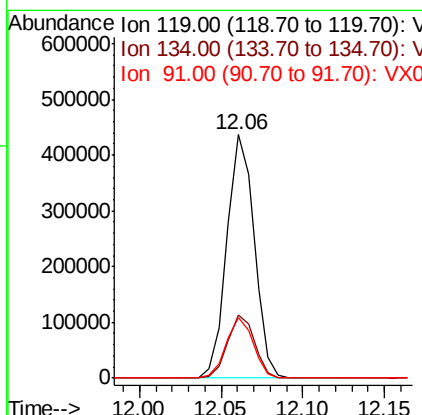
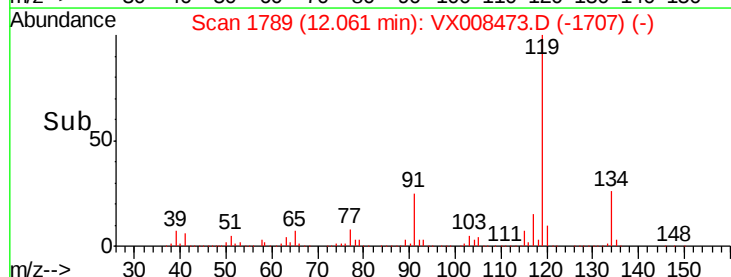
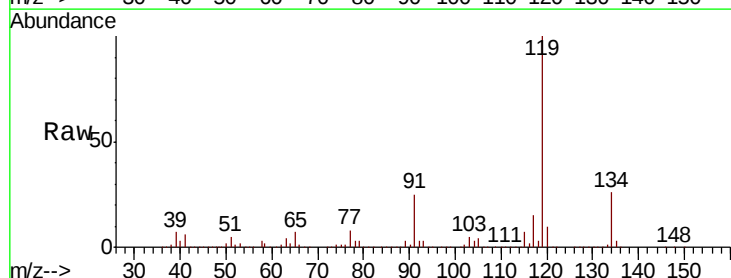
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

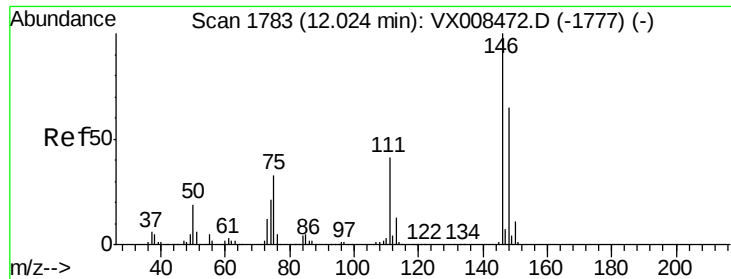
Tgt Ion:105 Resp: 569457
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 52.578 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion:119 Resp: 510432
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 55.4
 91 24.6 0.0 45.0

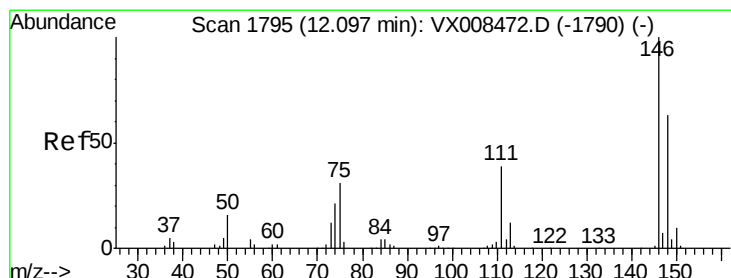
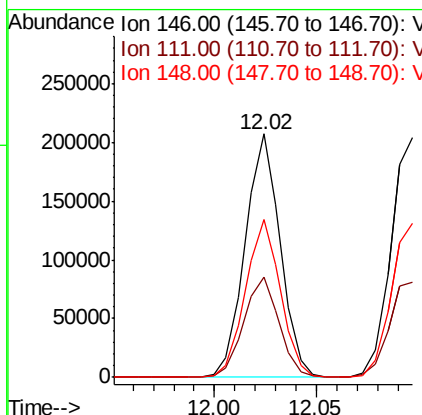
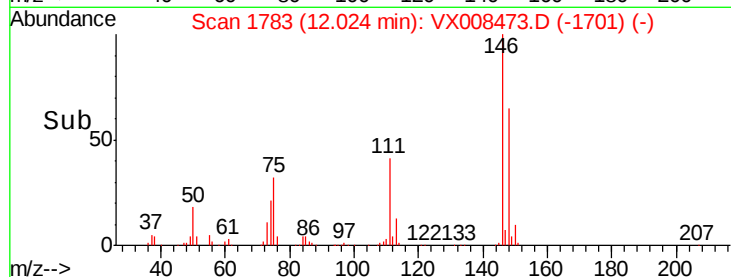
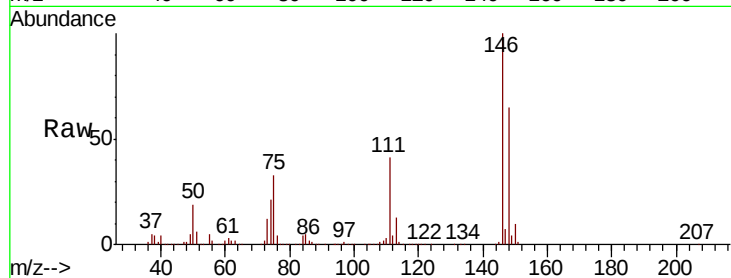




#83
 1,3-Dichlorobenzene
 Concen: 47.661 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

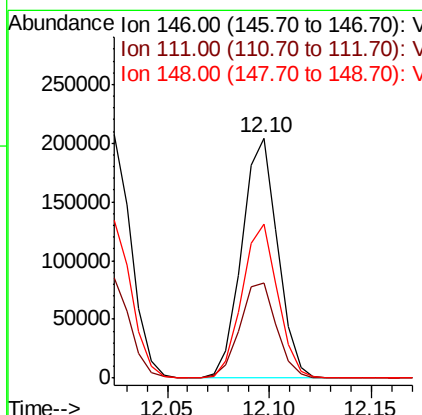
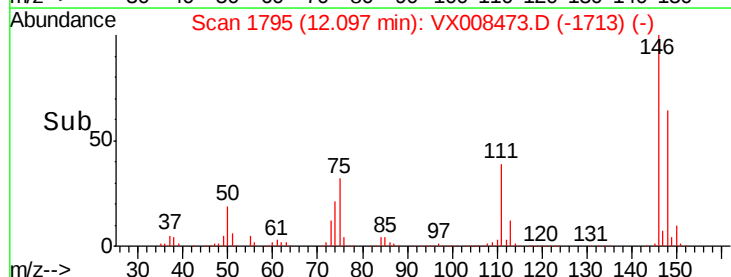
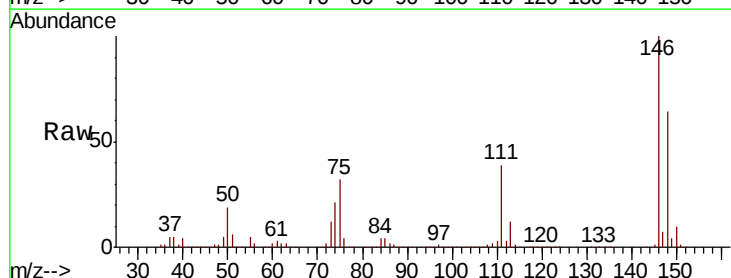
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

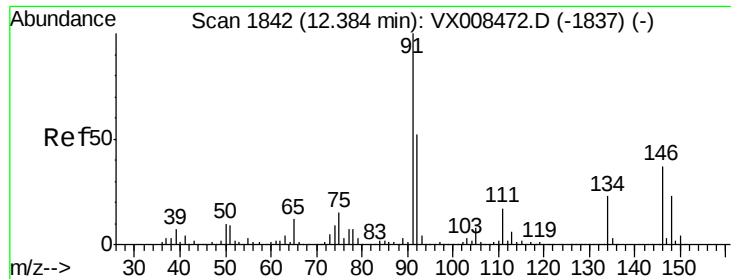
Tgt Ion:146 Resp: 247267
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.8 56.3
 148 64.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 48.290 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion:146 Resp: 249488
 Ion Ratio Lower Upper
 146 100
 111 40.5 17.6 52.8
 148 63.9 31.4 94.2

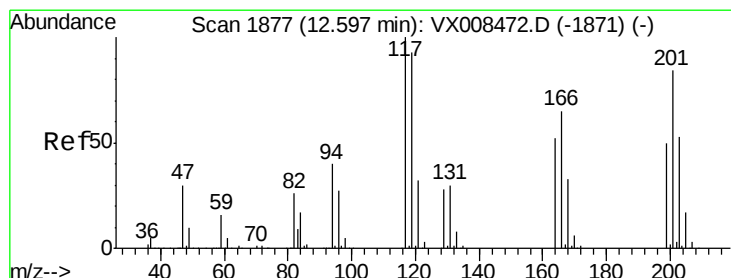
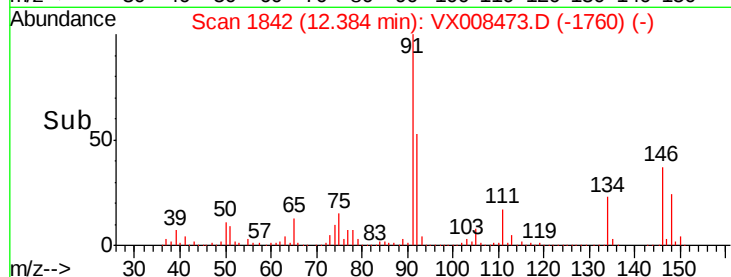
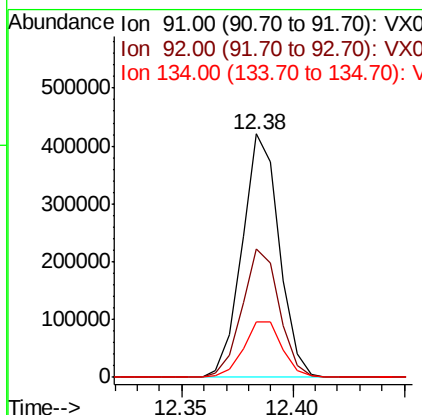
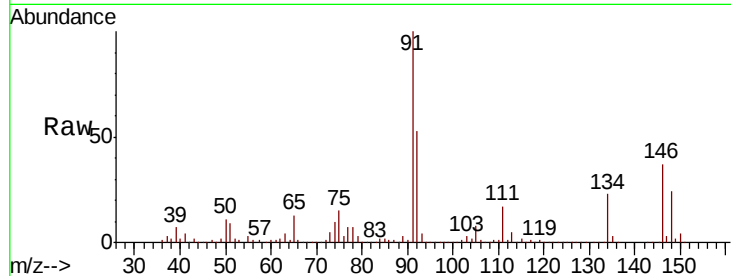




#85
n-Butylbenzene
Concen: 58.578 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

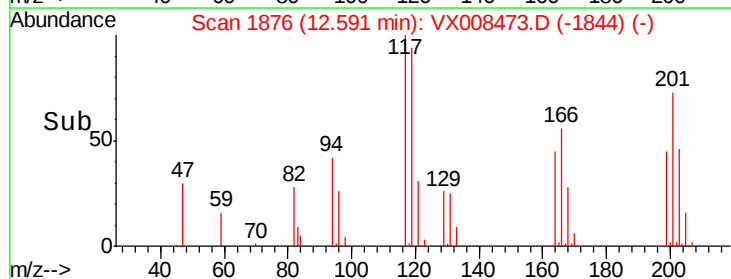
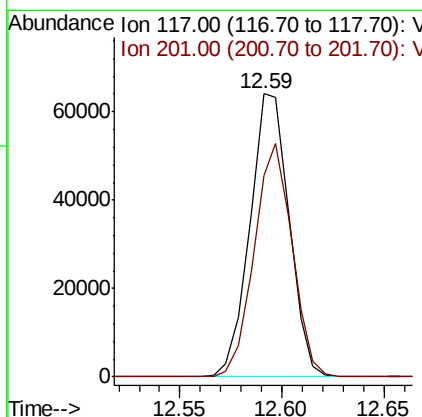
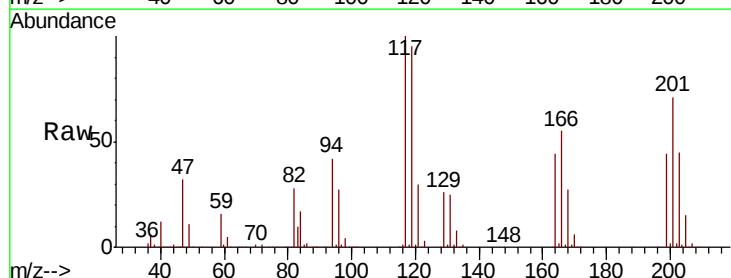
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

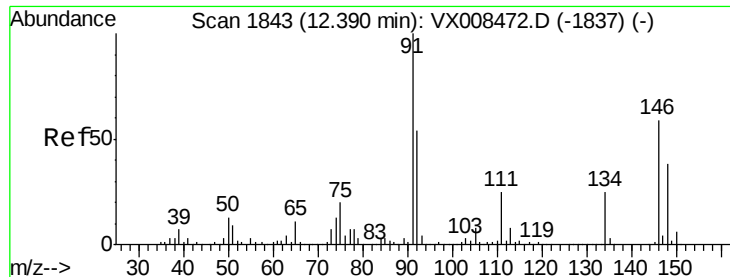
Tgt Ion: 91 Resp: 489168
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.2
134 24.0 0.0 56.4



#86
Hexachloroethane
Concen: 51.377 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 117 Resp: 85962
Ion Ratio Lower Upper
117 100
201 79.5 41.1 123.3

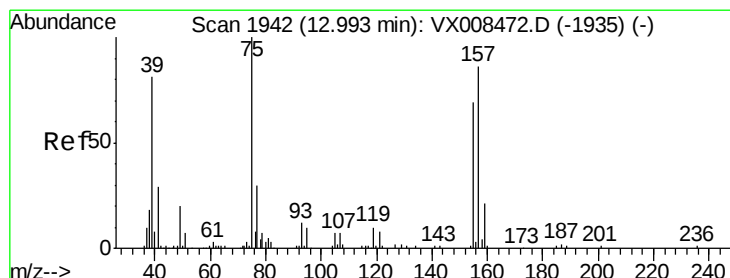
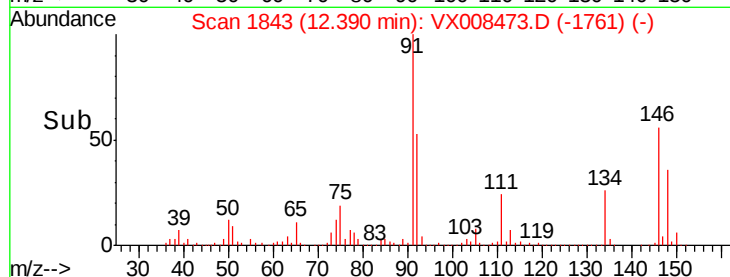
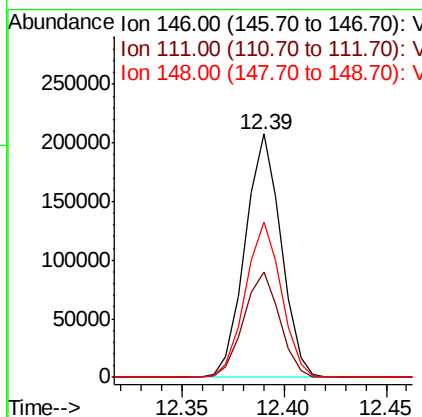
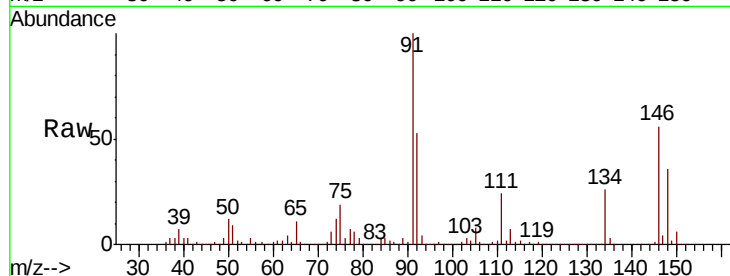




#87
 1,2-Dichlorobenzene
 Concen: 49.685 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

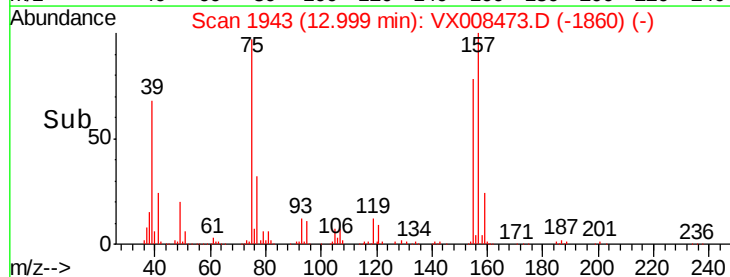
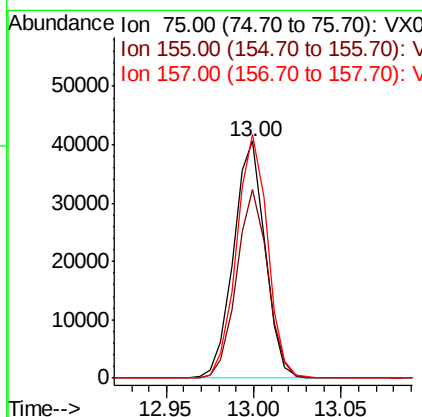
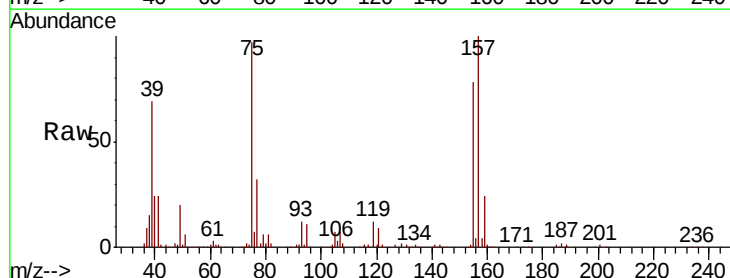
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

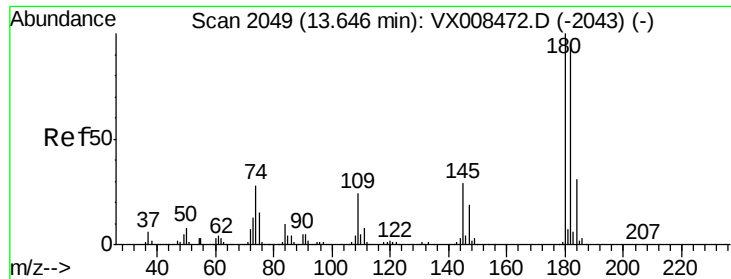
Tgt Ion:146 Resp: 254210
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.3 57.8
 148 64.0 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 60.371 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 75 Resp: 50912
 Ion Ratio Lower Upper
 75 100
 155 78.3 81.0 121.6#
 157 100.9 103.2 154.8#

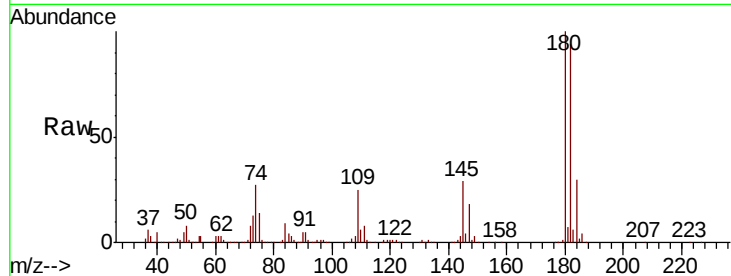




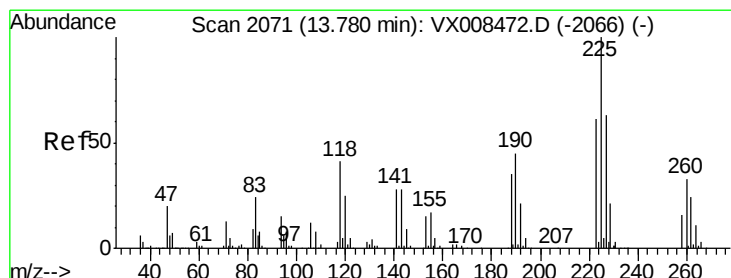
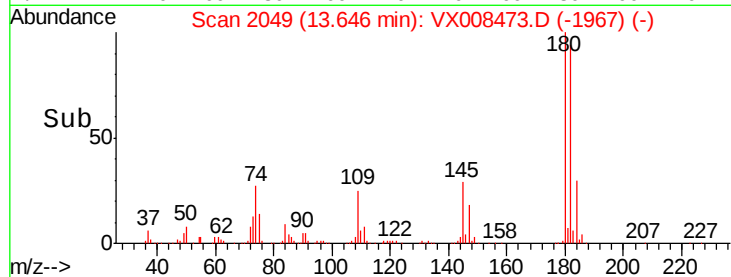
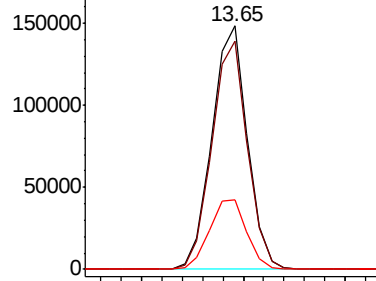
#89
 1,2,4-Trichlorobenzene
 Concen: 49.277 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:	180	Resp:	178439
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	30.2	23.0	34.6

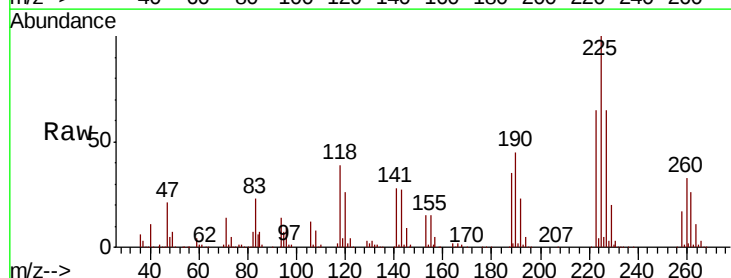


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

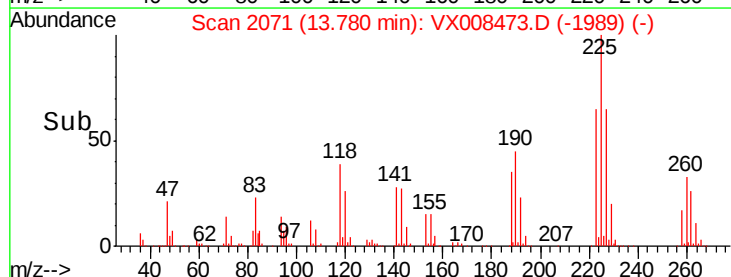
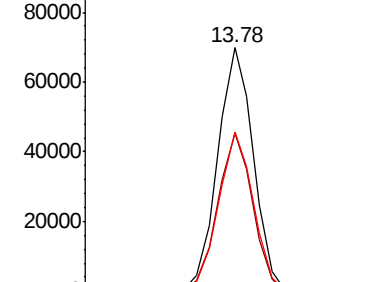


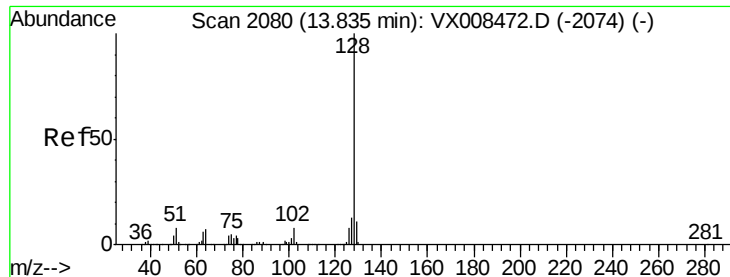
#90
 Hexachlorobutadiene
 Concen: 46.423 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008473.D
 Acq: 27 Mar 2019 10:53

Tgt Ion:	225	Resp:	84625
Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	123.8
227	64.2	0.0	124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

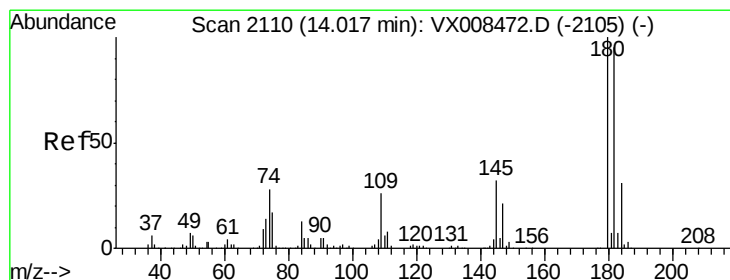
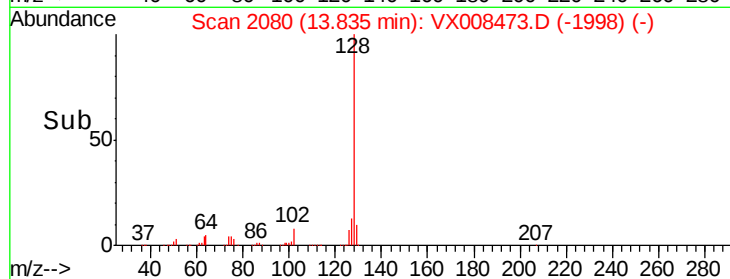
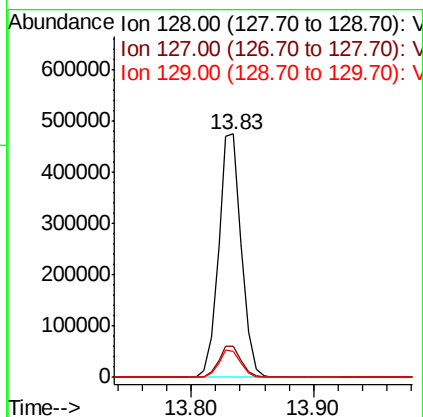
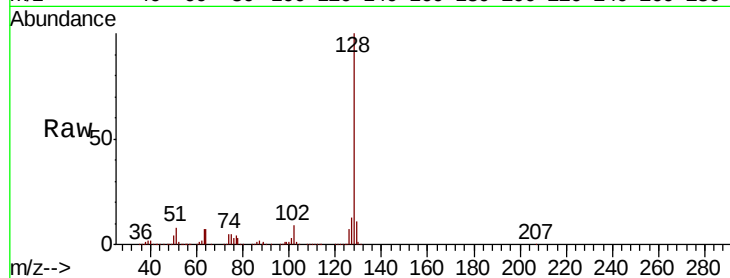




#91
Naphthalene
Concen: 55.946 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 608458
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 48.434 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008473.D
Acq: 27 Mar 2019 10:53

Tgt Ion:180 Resp: 177308
Ion Ratio Lower Upper
180 100
182 95.7 0.0 193.0
145 31.9 0.0 63.0

