

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
 Data File : VX008471.D
 Acq On : 27 Mar 2019 10:07
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 11:30:21 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	5.01	128	40112	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	233382	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	206136	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	100710	36.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	122.47%
60) 4-Bromofluorobenzene	11.13	95	106457	31.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.77%
63) Toluene-d8	8.71	98	296582	31.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.43%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	13919	6.467 ug/l	99
3) Chloromethane	1.32	50	18668	8.483 ug/l	96
4) Vinyl Chloride	1.40	62	19066	7.687 ug/l	97
5) Bromomethane	1.64	94	9267	2.061 ug/l	99
6) Chloroethane	1.72	64	16578	9.405 ug/l	96
7) Trichlorofluoromethane	1.93	101	21392	5.418 ug/l	97
8) Diethyl Ether	2.18	74	10225	6.678 ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13788	6.315 ug/l	90
10) 1,1-Dichloroethene	2.37	96	13202	6.125 ug/l #	77
11) Methyl Iodide	2.51	142	10615	3.258 ug/l	94
12) Methyl Acetate	3.18	43	10728	4.562 ug/l	95
13) Acrolein	2.29	56	14775	40.102 ug/l	99
14) Acrylonitrile	3.14	53	48756	41.773 ug/l	99
15) Acetone	2.44	58	14380	31.419 ug/l	96
16) Carbon Disulfide	2.57	76	40999	6.861 ug/l	100
17) Allyl chloride	2.73	41	29191	9.178 ug/l	91
18) Methylene Chloride	2.85	84	16406	7.071 ug/l #	83
19) trans-1,2-Dichloroethene	3.16	96	14308	6.254 ug/l	85
20) Diisopropyl ether	3.85	45	58248	8.759 ug/l #	81
21) 1,1-Dichloroethane	3.69	63	29062	7.400 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	16569	6.279 ug/l #	81
23) tert-Butyl Alcohol	3.04	59	19266	40.661 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	48554	7.012 ug/l	99
25) Chloroform	5.20	83	26707	6.410 ug/l	96
26) Cyclohexane	5.57	56	29266	8.426 ug/l #	81
29) 1,1-Dichloropropene	5.79	75	20126	6.072 ug/l	93
30) 2-Butanone	4.67	43	71384	37.389 ug/l	94
31) 2,2-Dichloropropane	4.58	77	19624	6.288 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	20970	5.377 ug/l #	94
33) Carbon Tetrachloride	5.78	117	17343	4.842 ug/l	93
34) Benzene	6.14	78	63332	6.414 ug/l	97
35) Methacrylonitrile	5.04	41	15357	8.635 ug/l	92
36) 1,2-Dichloroethane	6.19	62	23102	6.348 ug/l	99
37) Trichloroethene	7.21	130	14471	4.985 ug/l #	76
38) Methylcyclohexane	7.46	83	26282	6.326 ug/l	88
39) 1,2-Dichloropropane	7.51	63	18239	7.260 ug/l	98
40) Dibromomethane	7.66	93	10483	5.689 ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
 Data File : VX008471.D
 Acq On : 27 Mar 2019 10:07
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 27 11:30:21 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)

41) Bromodichloromethane	7.90	83	19144	5.475	ug/l	98
42) Vinyl Acetate	3.81	43	248049	38.654	ug/l #	94
43) Ethyl Acetate	4.83	43	25255	7.494	ug/l #	74
44) Isopropyl Acetate	6.44	43	40859	7.704	ug/l	100
45) 1,4-Dioxane	7.74	88	8809	132.053	ug/l #	86
46) Methyl methacrylate	7.77	41	20684	7.948	ug/l	91
47) n-amyl Acetate	10.90	43	34750	7.642	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	19498	5.570	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	22806	5.838	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	15499	5.855	ug/l	96
51) Ethyl methacrylate	9.18	69	26530	6.865	ug/l	92
52) 1,3-Dichloropropane	9.37	76	27041	6.369	ug/l	99
53) Dibromochloromethane	9.58	129	13880	4.651	ug/l	98
54) 1,2-Dibromoethane	9.67	107	15477	5.329	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	62526	32.157	ug/l #	94
56) Bromoform	10.85	173	9310	3.952	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	136845	39.428	ug/l	96
59) 2-Hexanone	9.49	43	105660	38.485	ug/l	97
61) Tetrachloroethene	9.33	164	12382	4.462	ug/l	95
62) Toluene	8.78	91	67516	6.171	ug/l	99
64) Chlorobenzene	10.13	112	38106	5.402	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	12912	4.793	ug/l	98
66) Ethyl Benzene	10.25	91	72151	6.097	ug/l	96
67) m/p-Xylenes	10.36	106	52000	11.057	ug/l	89
68) o-Xylene	10.69	106	25623	5.671	ug/l	92
69) Styrene	10.71	104	42759	5.606	ug/l	95
70) Isopropylbenzene	11.02	105	68769	5.785	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	24734	6.102	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	26614	8.151	ug/l	90
73) Bromobenzene	11.25	156	15597	4.742	ug/l	76
74) n-propylbenzene	11.36	91	79733	6.018	ug/l	93
75) 2-Chlorotoluene	11.42	91	48009	6.067	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	57595	5.672	ug/l	94
77) t-1,4-Dichloro-2-butene	11.07	75	6134	5.303	ug/l	89
78) 4-Chlorotoluene	11.51	91	54760	5.880	ug/l	90
79) tert-butylbenzene	12.06	119	58460	5.473	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	57323	5.681	ug/l	94
81) sec-Butylbenzene	11.94	105	66501	5.741	ug/l	96
82) p-Isopropyltoluene	12.06	119	58460	5.473	ug/l	95
83) 1,3-Dichlorobenzene	12.02	146	28215	4.943	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	28023	4.930	ug/l	95
85) n-Butylbenzene	12.38	91	52399	5.703	ug/l	96
86) Hexachloroethane	12.60	117	8746	4.751	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	28705	5.099	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	5125	5.523	ug/l #	73
89) 1,2,4-Trichlorobenzene	13.65	180	18973	4.762	ug/l	98
90) Hexachlorobutadiene	13.78	225	9557	4.765	ug/l	99
91) Naphthalene	13.83	128	65339	5.460	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	19790	4.913	ug/l	98

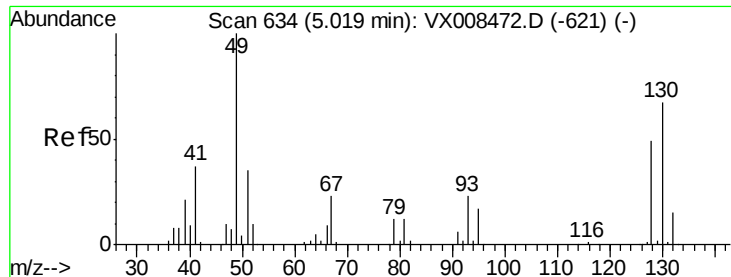
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008471.D
Acq On : 27 Mar 2019 10:07
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 27 11:30:21 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

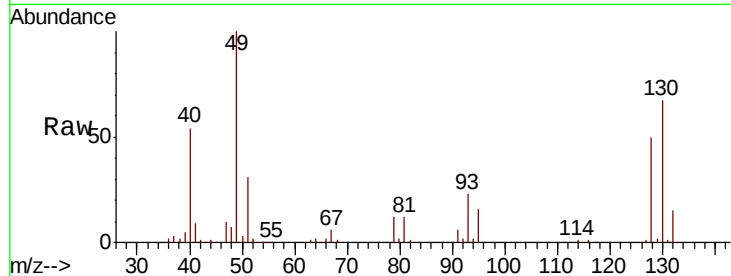
Tgt Ion:128 Resp: 40112

Ion Ratio Lower Upper

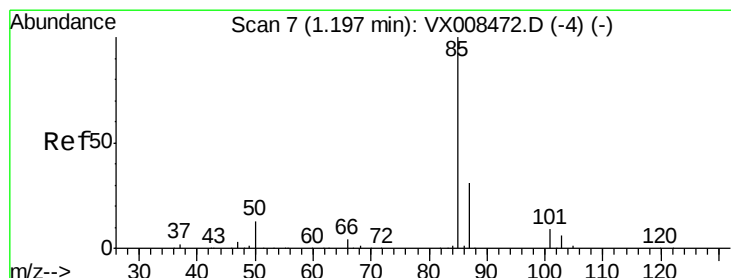
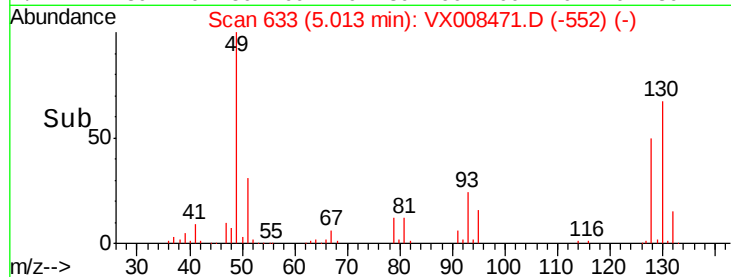
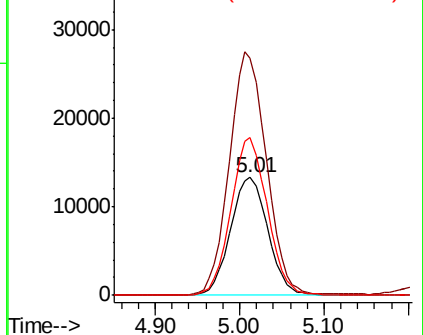
128 100

49 204.5 0.0 350.8

130 130.0 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: 6.467 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008471.D

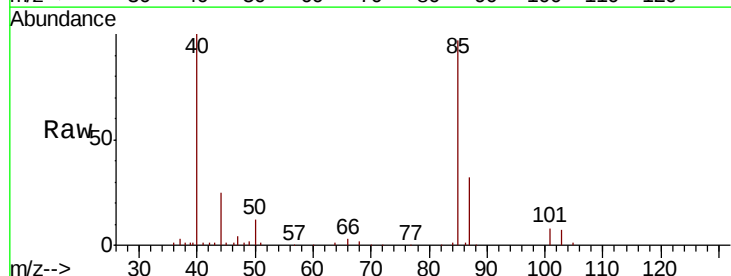
Acq: 27 Mar 2019 10:07

Tgt Ion: 85 Resp: 13919

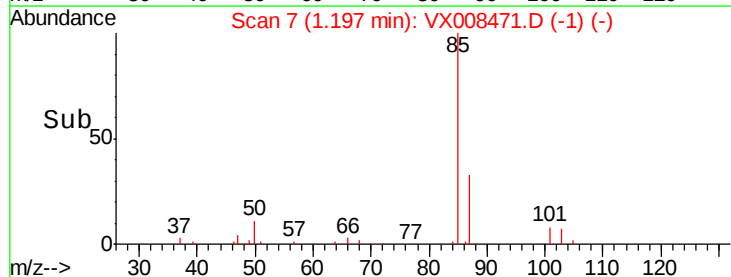
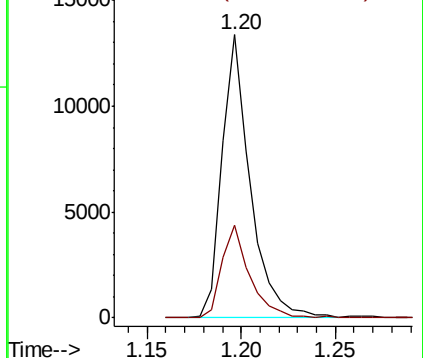
Ion Ratio Lower Upper

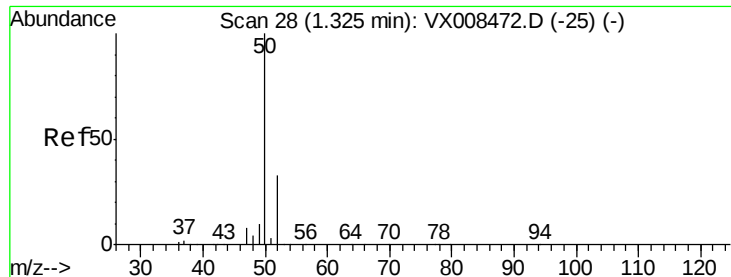
85 100

87 32.5 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: 8.483 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

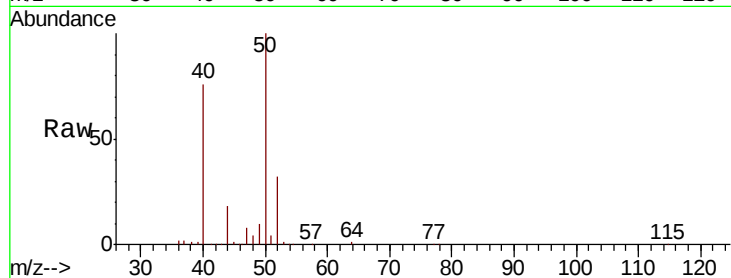
VSTDIC005

Tgt Ion: 50 Resp: 18668

Ion Ratio Lower Upper

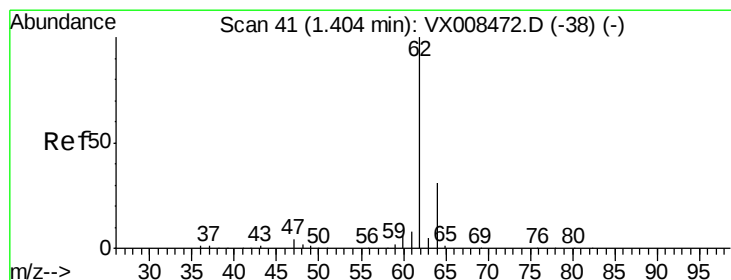
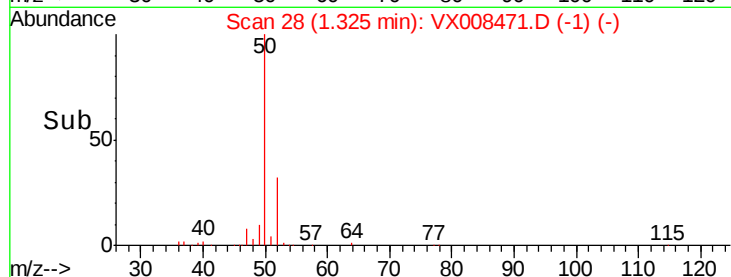
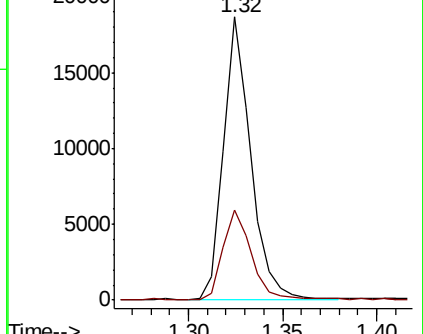
50 100

52 32.0 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 7.687 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008471.D

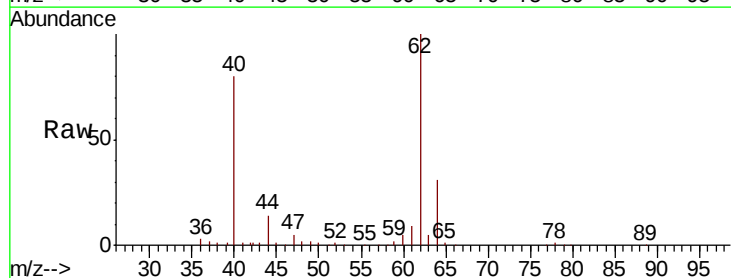
Acq: 27 Mar 2019 10:07

Tgt Ion: 62 Resp: 19066

Ion Ratio Lower Upper

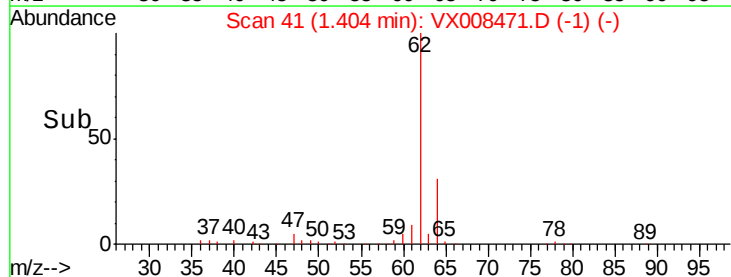
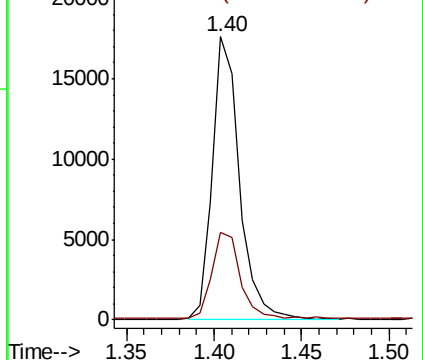
62 100

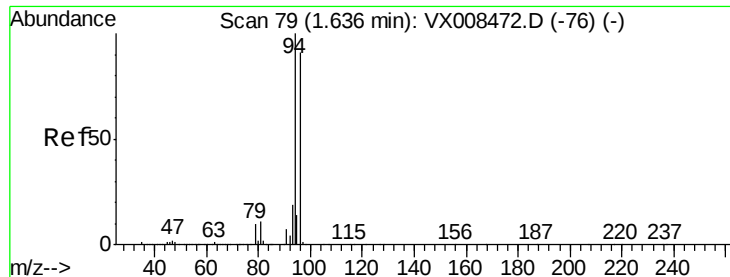
64 30.7 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 2.061 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

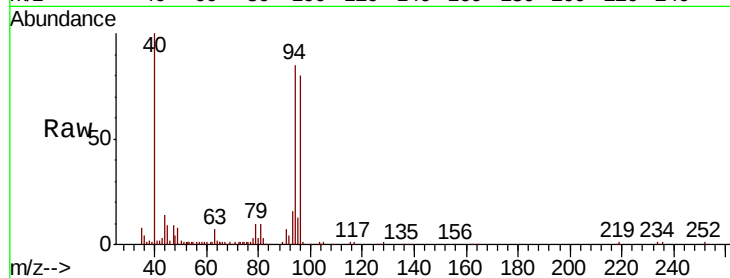
VSTDIC005

Tgt Ion: 94 Resp: 9267

Ion Ratio Lower Upper

94 100

96 95.4 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

12000

10000

8000

6000

4000

2000

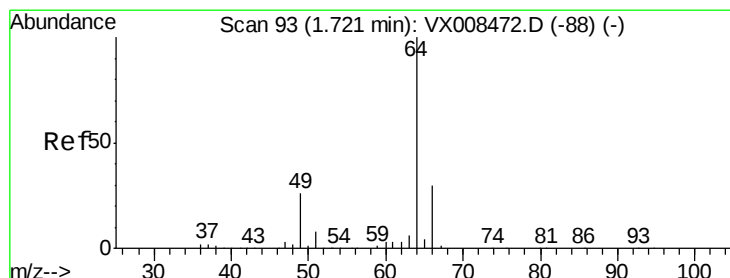
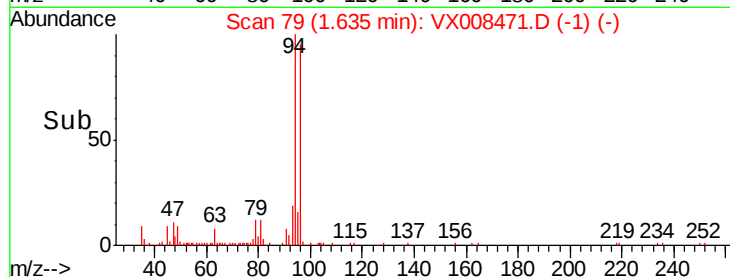
0

1.60

1.64

1.65

Time-->



#6

Chloroethane

Concen: 9.405 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008471.D

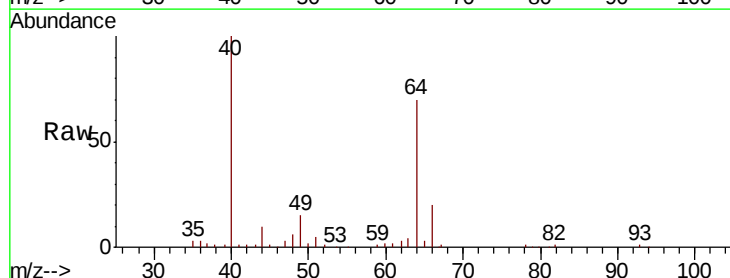
Acq: 27 Mar 2019 10:07

Tgt Ion: 64 Resp: 16578

Ion Ratio Lower Upper

64 100

66 27.6 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

10000

8000

6000

4000

2000

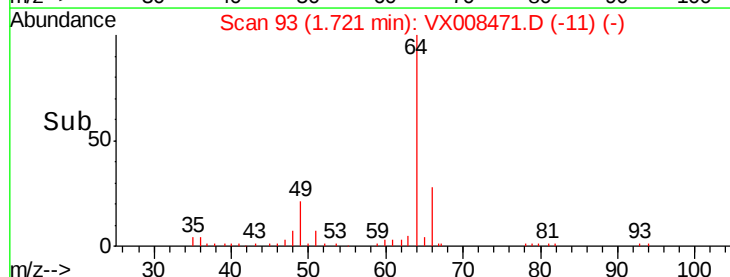
0

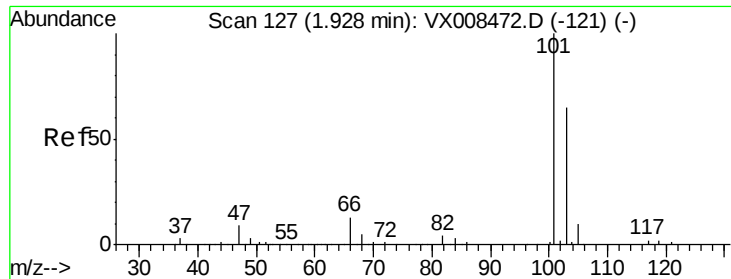
1.60

1.72

1.80

Time-->



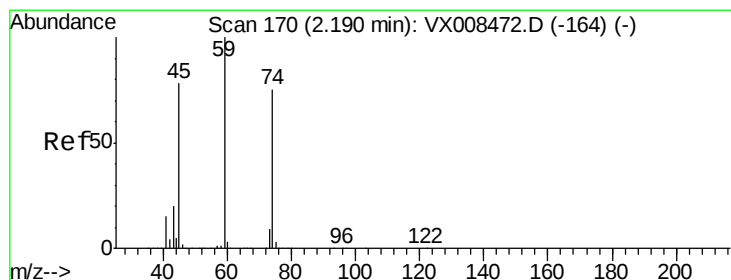
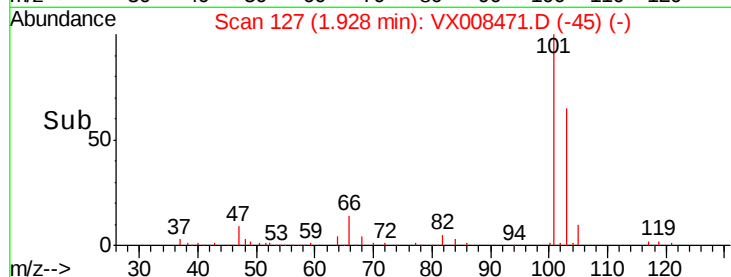
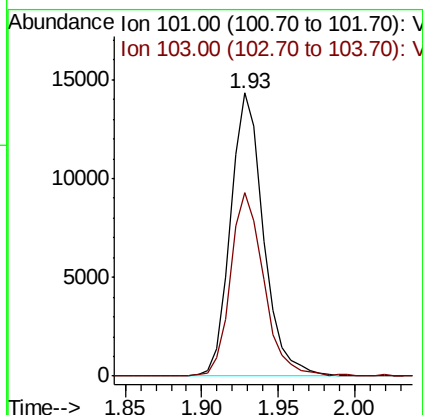
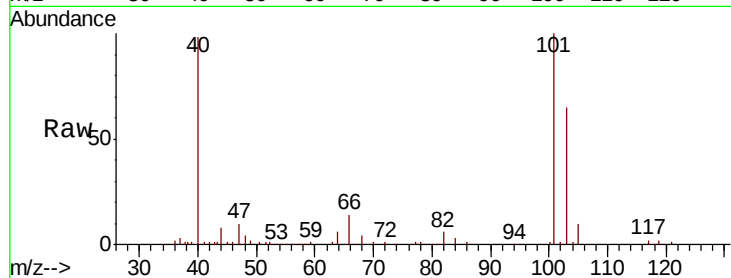


#7

Trichlorofluoromethane
 Concen: 5.418 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

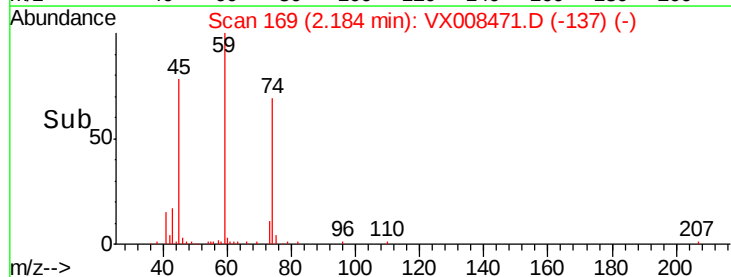
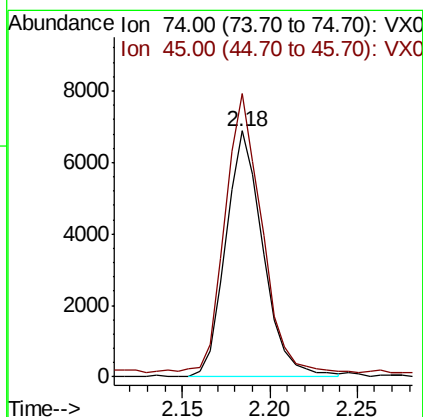
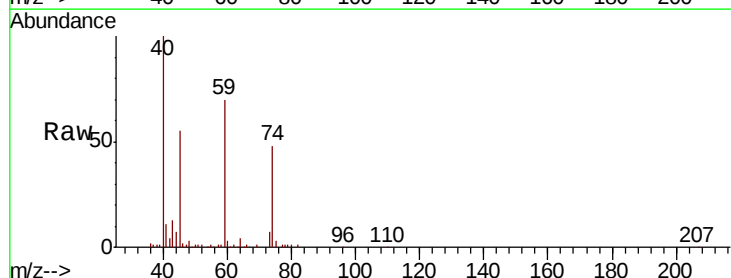
Tgt Ion: 101 Resp: 21392
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.4 75.6

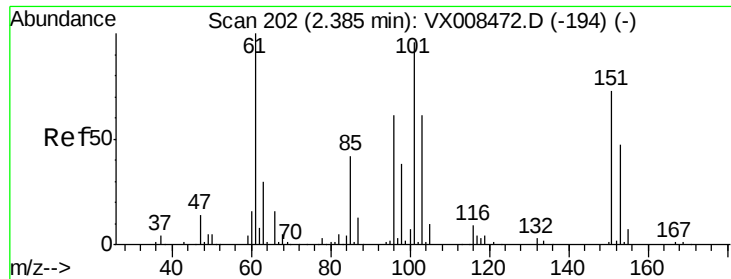


#8

Diethyl Ether
 Concen: 6.678 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 74 Resp: 10225
 Ion Ratio Lower Upper
 74 100
 45 111.7 18.6 167.8

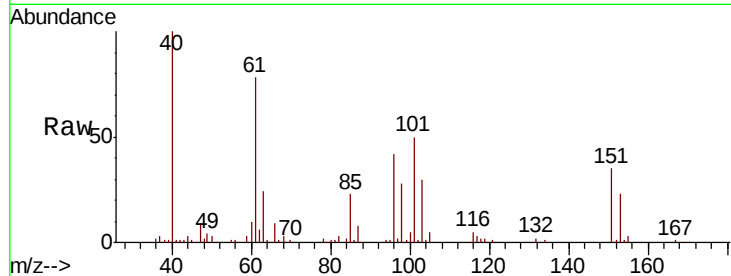




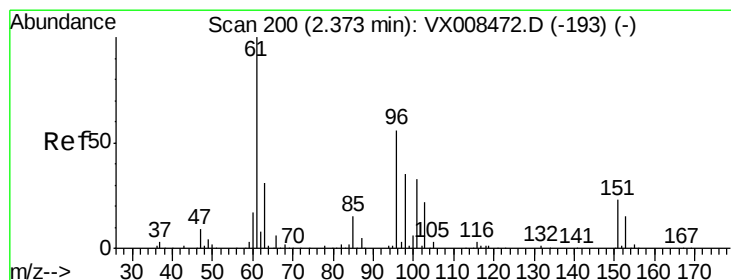
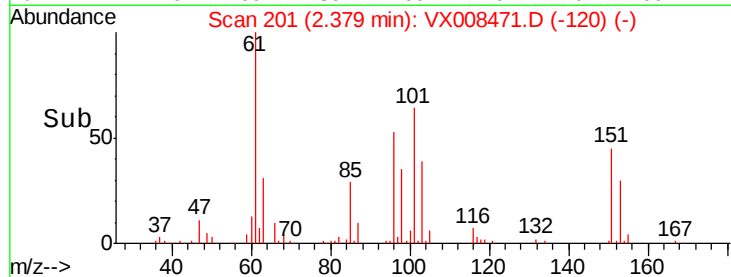
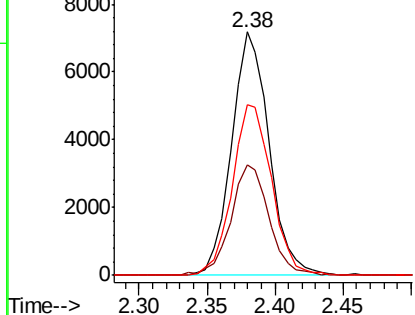
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.315 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 13788
 Ion Ratio Lower Upper
 101 100
 85 46.1 0.0 86.8
 151 73.2 0.0 169.2

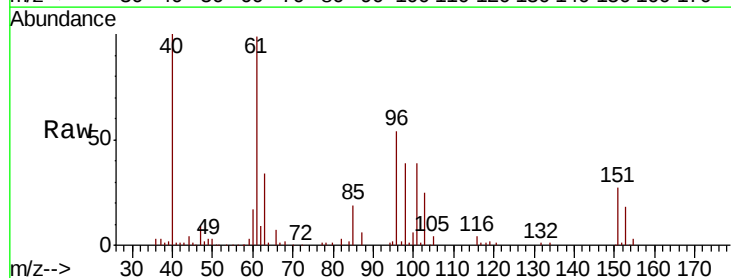


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VX0
 Ion 151.00 (150.70 to 151.70): V

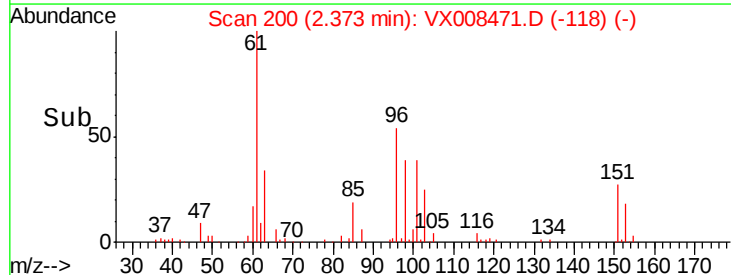
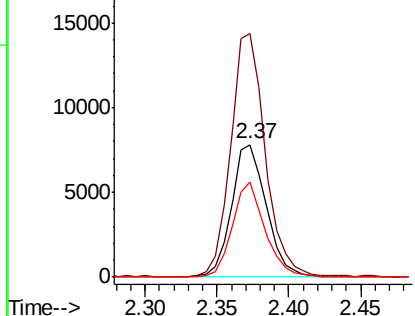


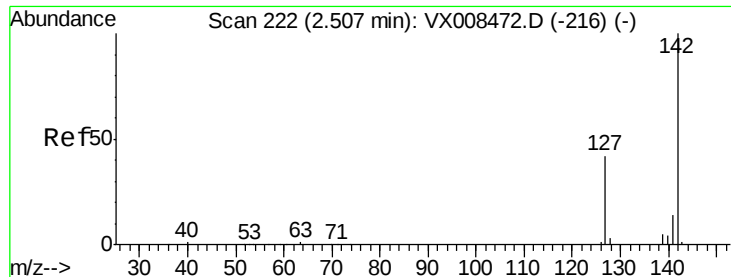
#10
 1,1-Dichloroethene
 Concen: 6.125 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 96 Resp: 13202
 Ion Ratio Lower Upper
 96 100
 61 183.9 120.2 180.2#
 98 72.1 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

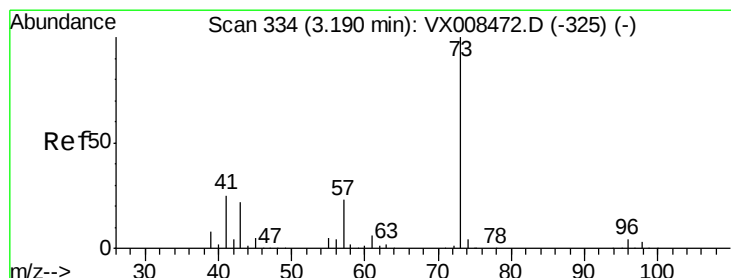
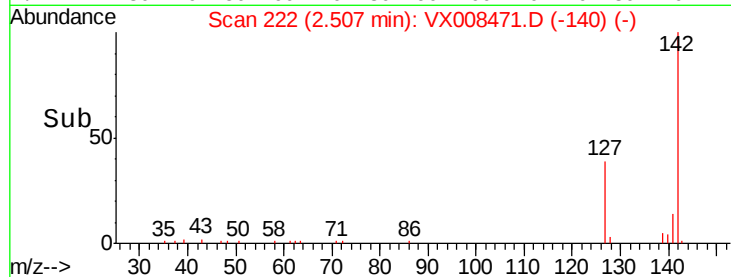
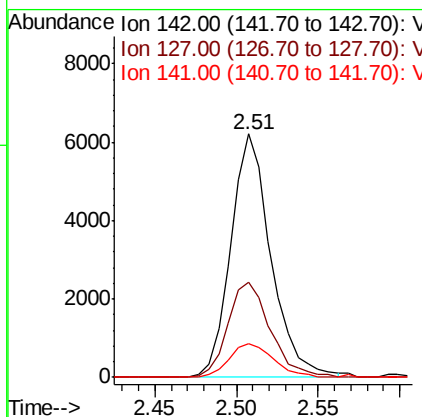
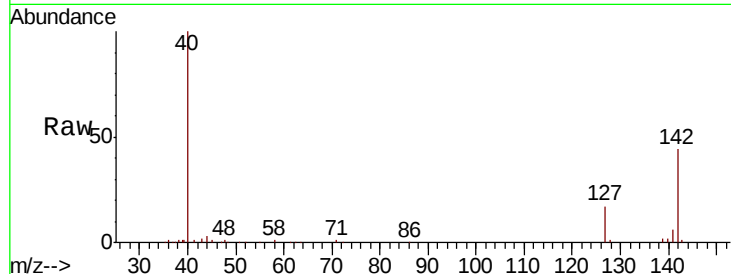




#11
Methyl Iodide
Concen: 3.258 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

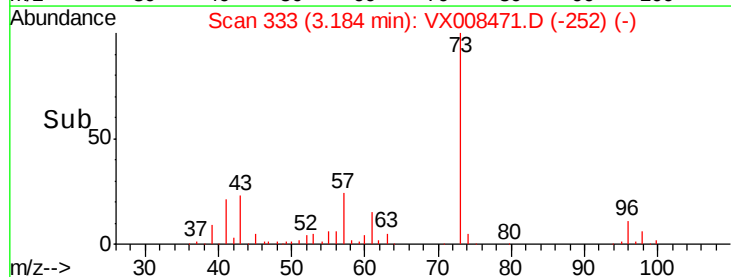
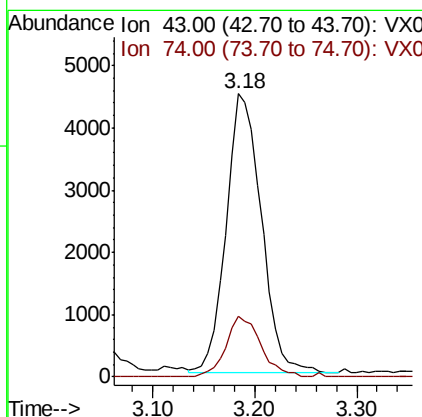
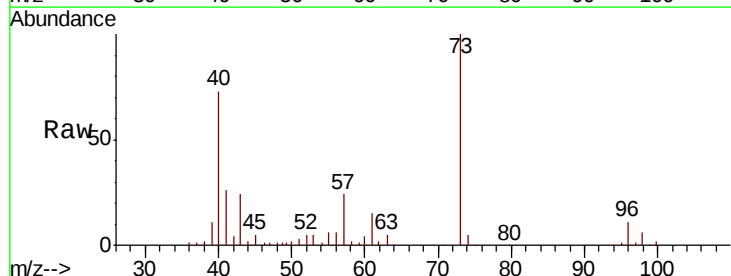
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

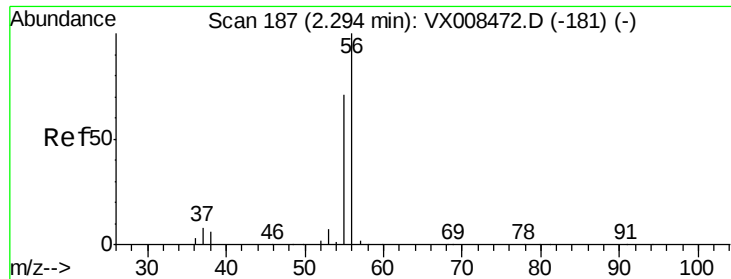
Tgt Ion: 142 Resp: 10615
Ion Ratio Lower Upper
142 100
127 39.4 22.1 66.5
141 13.8 7.4 22.3



#12
Methyl Acetate
Concen: 4.562 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 43 Resp: 10728
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.0





#13

Acrolein

Concen: 40.102 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

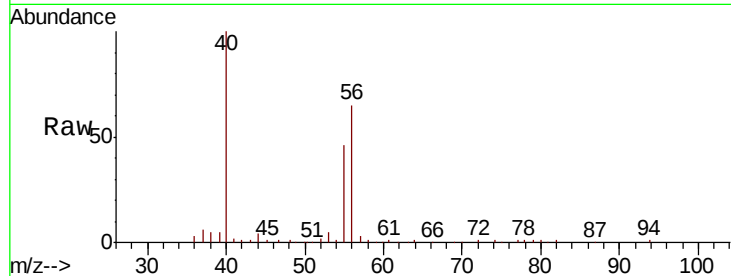
VSTDIC005

Tgt Ion: 56 Resp: 14775

Ion Ratio Lower Upper

56 100

55 72.7 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

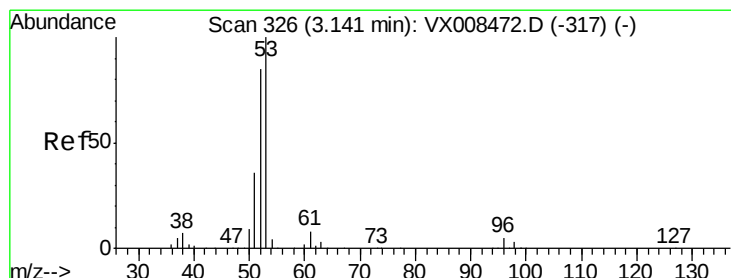
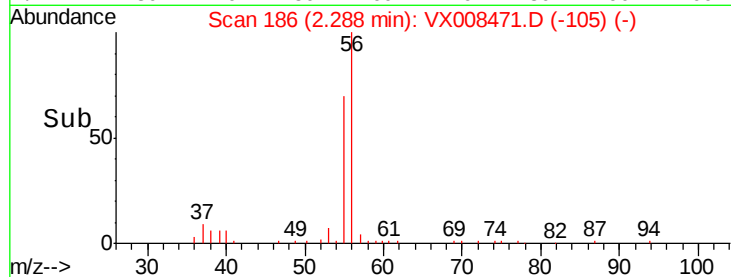
4000

2000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 41.773 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

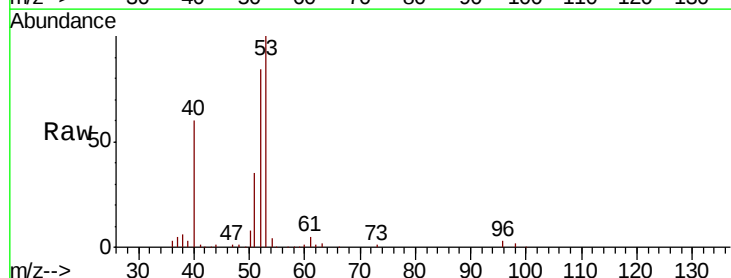
Tgt Ion: 53 Resp: 48756

Ion Ratio Lower Upper

53 100

52 83.6 41.3 124.1

51 35.7 17.5 52.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.14

30000

25000

20000

15000

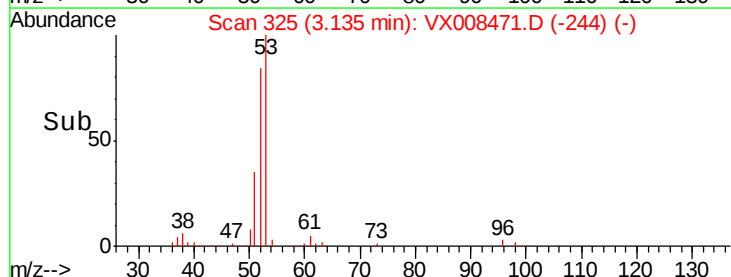
10000

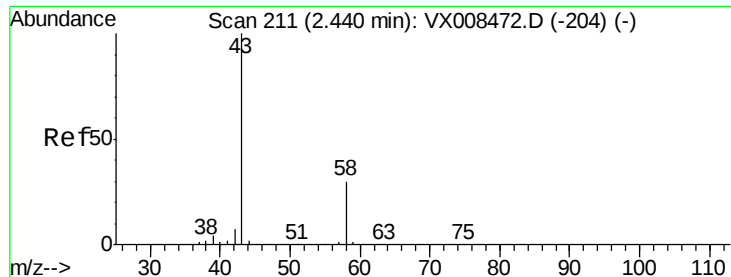
5000

0

Time-->

3.10 3.20





#15

Acetone

Concen: 31.419 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

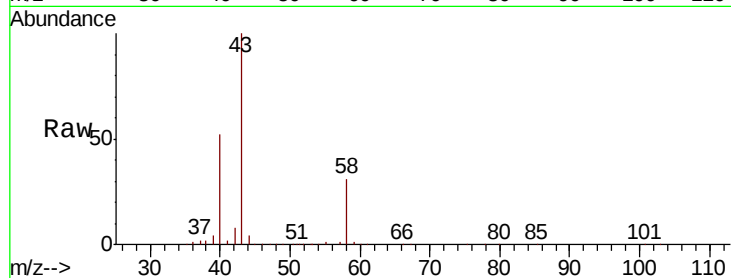
VSTDIC005

Tgt Ion: 58 Resp: 14380

Ion Ratio Lower Upper

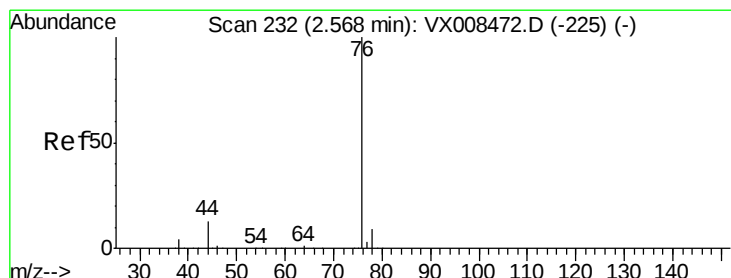
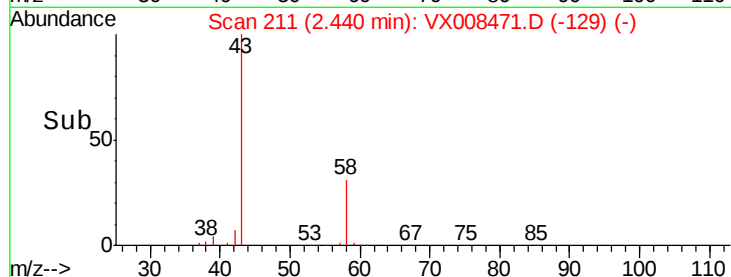
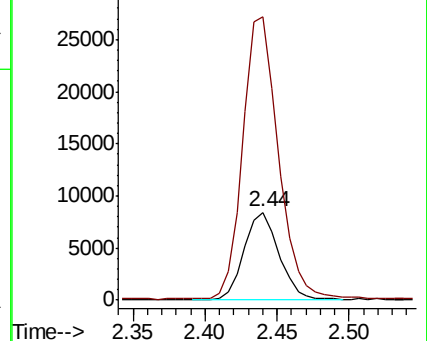
58 100

43 319.9 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 6.861 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008471.D

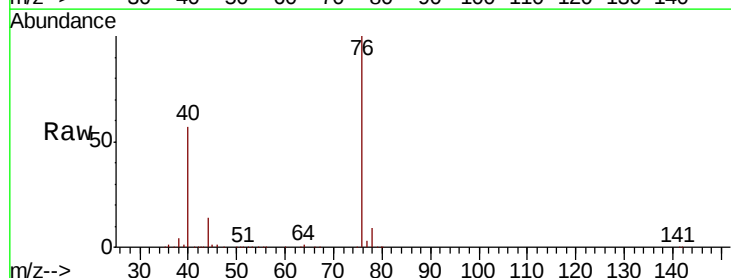
Acq: 27 Mar 2019 10:07

Tgt Ion: 76 Resp: 40999

Ion Ratio Lower Upper

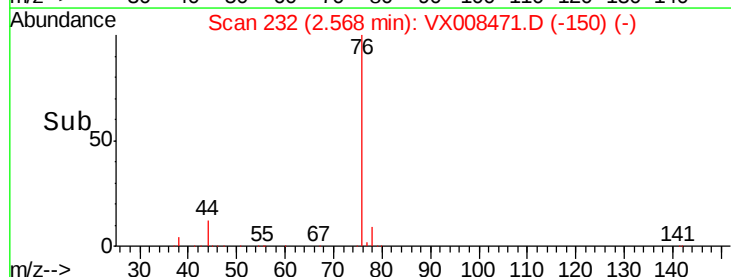
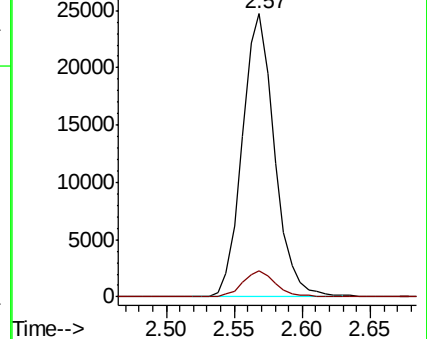
76 100

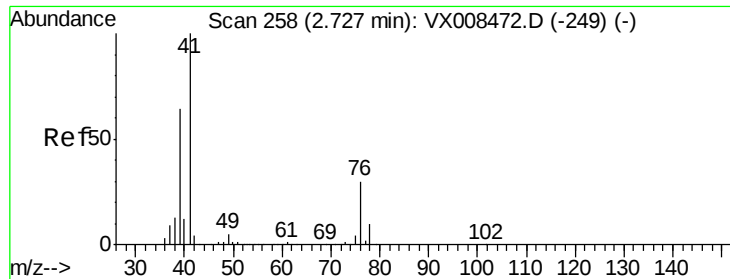
78 9.3 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

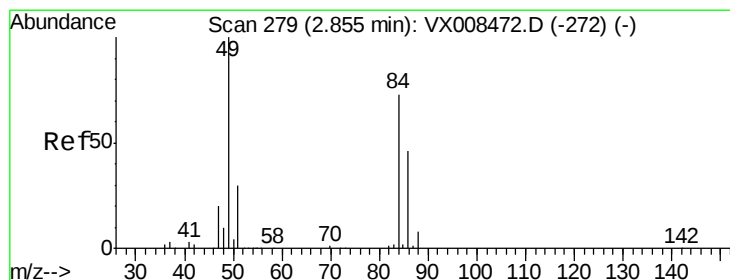
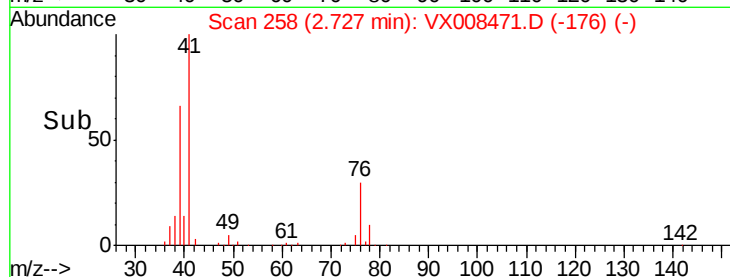
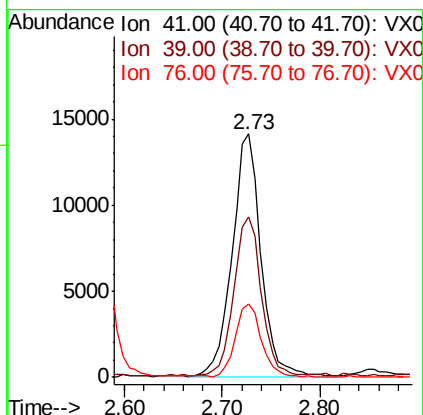
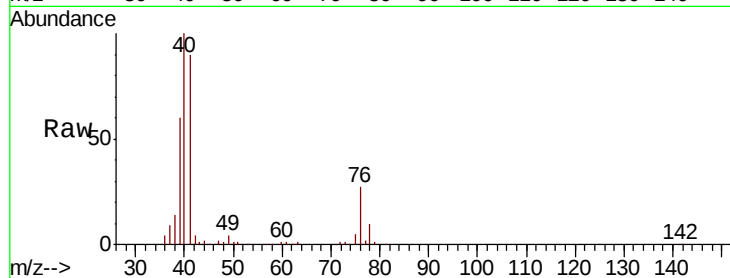




#17
 Allyl chloride
 Concen: 9.178 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

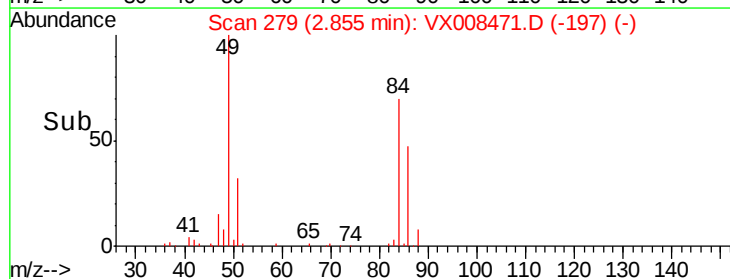
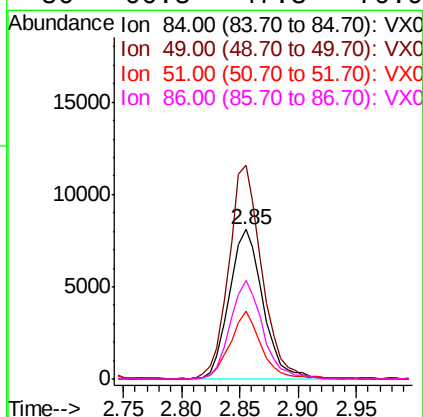
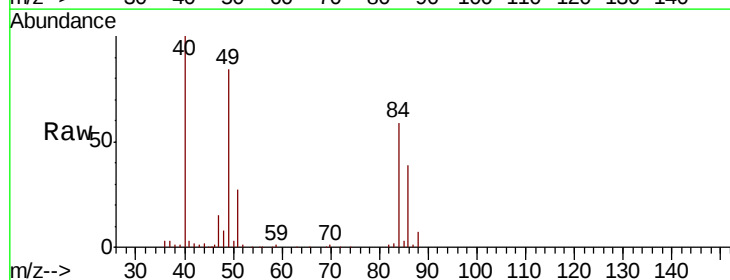
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

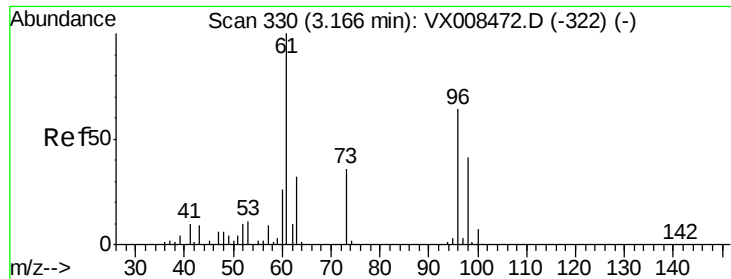
Tgt Ion: 41 Resp: 29191
 Ion Ratio Lower Upper
 41 100
 39 65.5 35.8 107.4
 76 29.9 18.3 54.9



#18
 Methylene Chloride
 Concen: 7.071 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 84 Resp: 16406
 Ion Ratio Lower Upper
 84 100
 49 143.0 96.1 144.1
 51 45.4 29.1 43.7#
 86 66.3 47.3 70.9

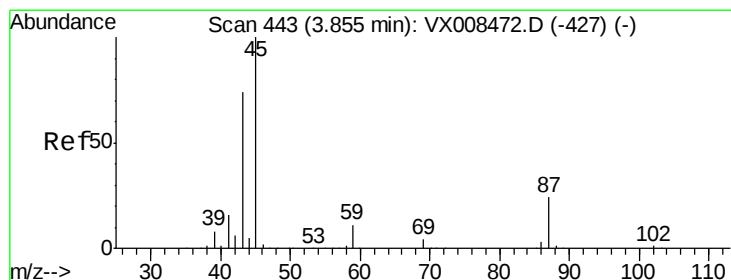
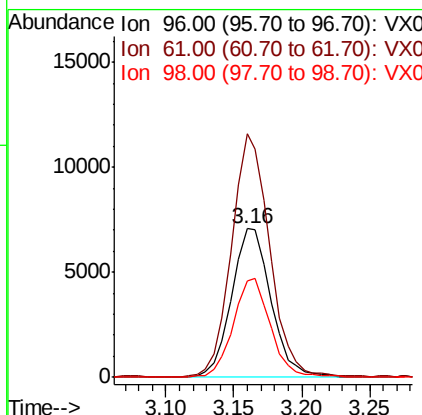
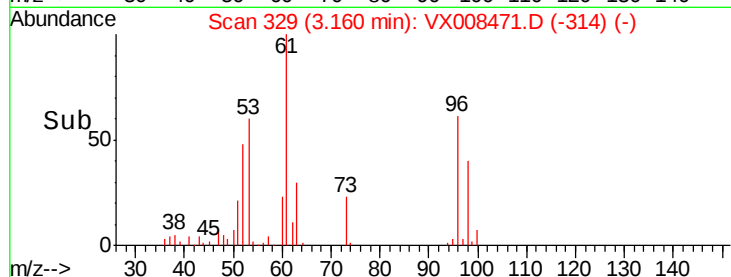
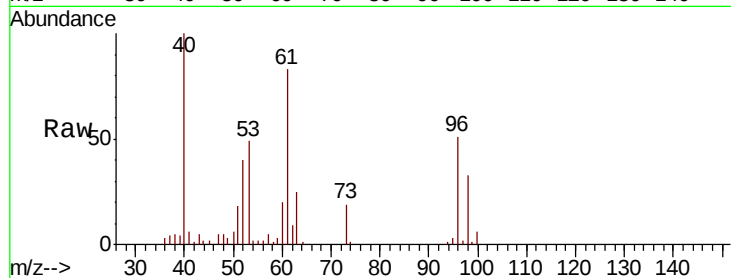




#19
trans-1,2-Dichloroethene
Concen: 6.254 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

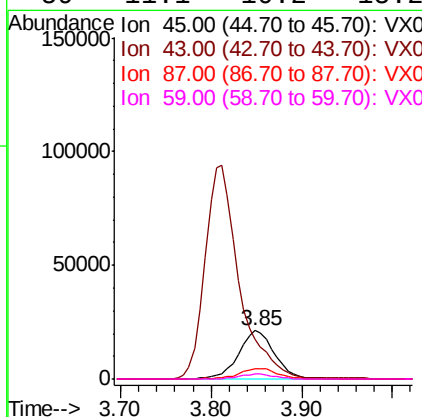
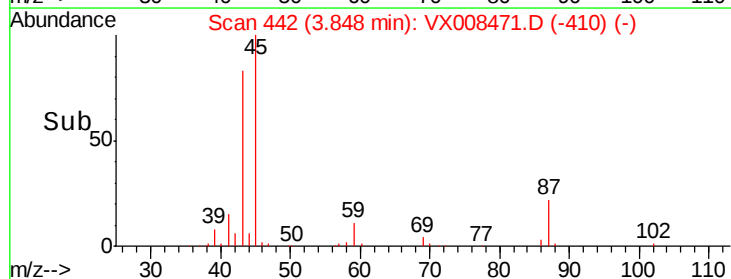
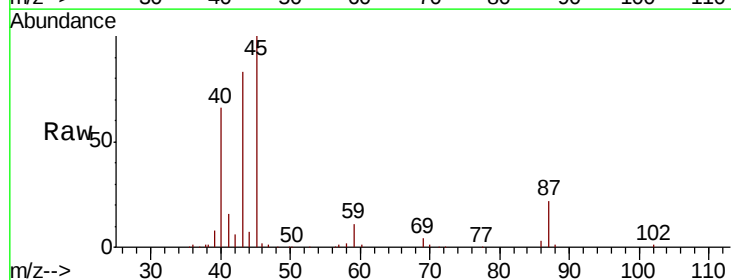
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

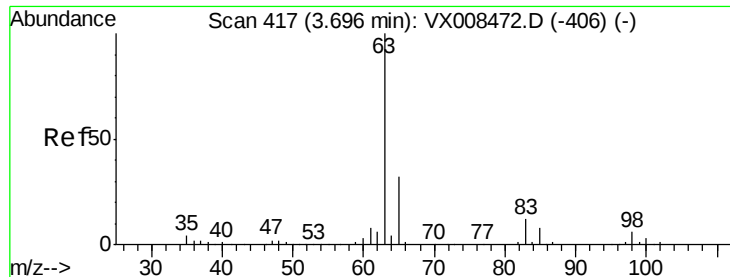
Tgt Ion: 96 Resp: 14308
Ion Ratio Lower Upper
96 100
61 163.0 109.9 164.9
98 64.7 50.4 75.6



#20
Diisopropyl ether
Concen: 8.759 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 45 Resp: 58248
Ion Ratio Lower Upper
45 100
43 81.5 50.6 76.0#
87 22.0 24.5 36.7#
59 11.1 10.2 15.2





#21

1,1-Dichloroethane

Concen: 7.400 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

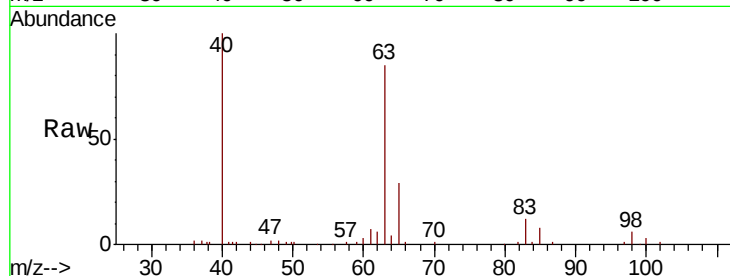
Tgt Ion: 63 Resp: 29062

Ion Ratio Lower Upper

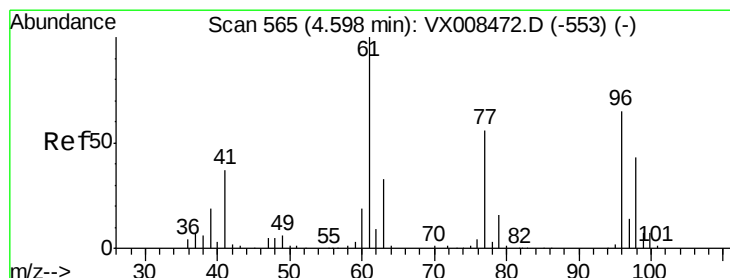
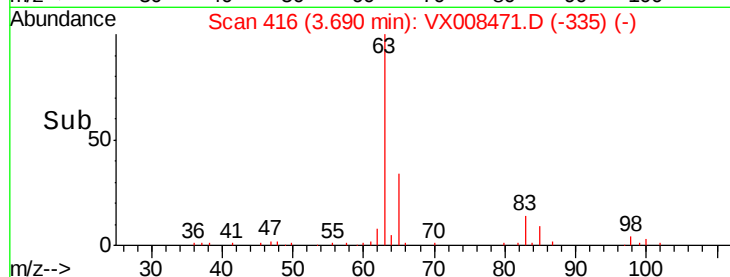
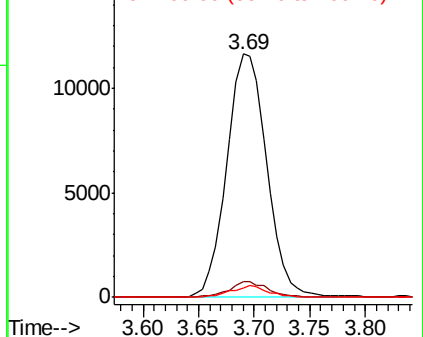
63 100

98 6.5 3.8 11.4

100 3.9 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: 6.279 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

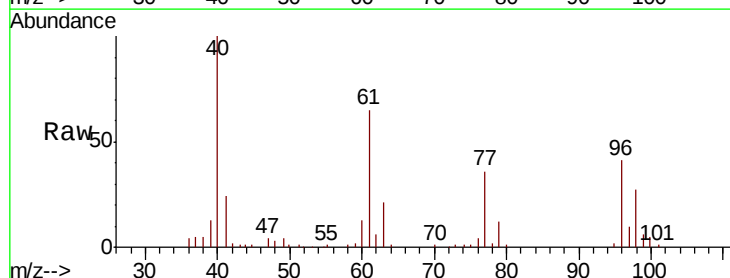
Tgt Ion: 96 Resp: 16569

Ion Ratio Lower Upper

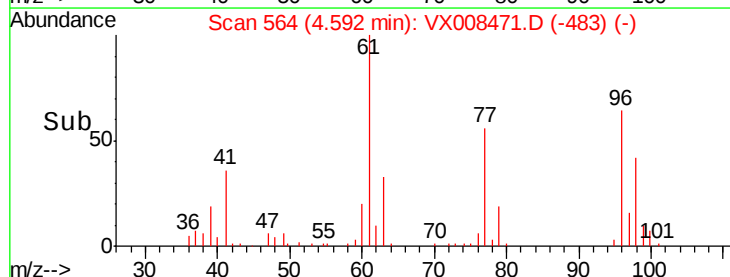
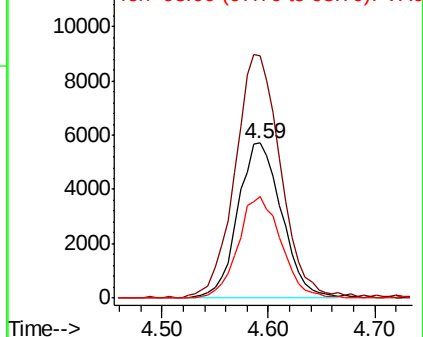
96 100

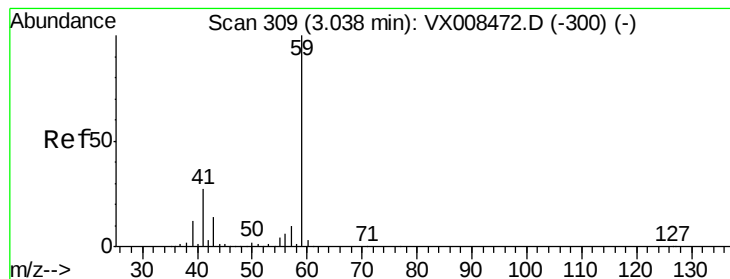
61 161.7 103.5 155.3#

98 63.8 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: 40.661 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

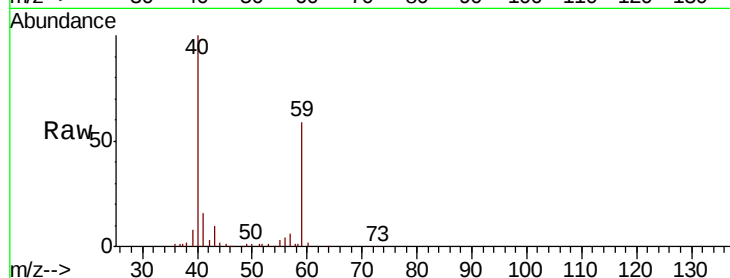
VSTDIC005

Tgt Ion: 59 Resp: 19266

Ion Ratio Lower Upper

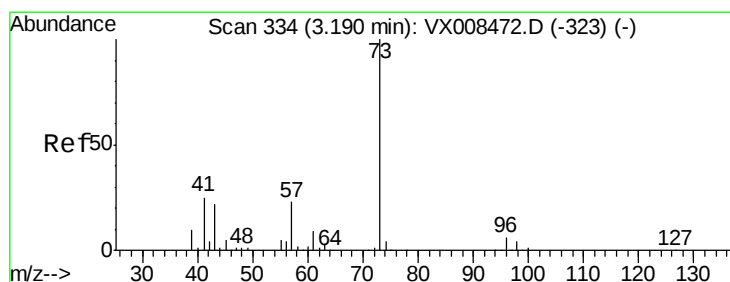
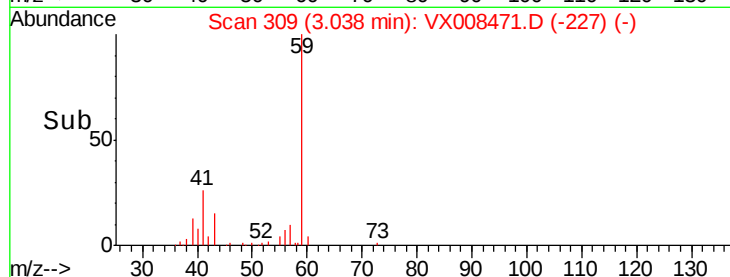
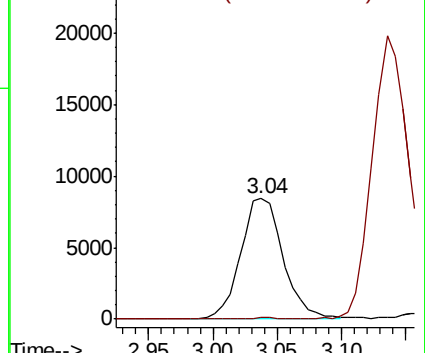
59 100

52 0.5 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 7.012 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.00 min

Lab File: VX008471.D

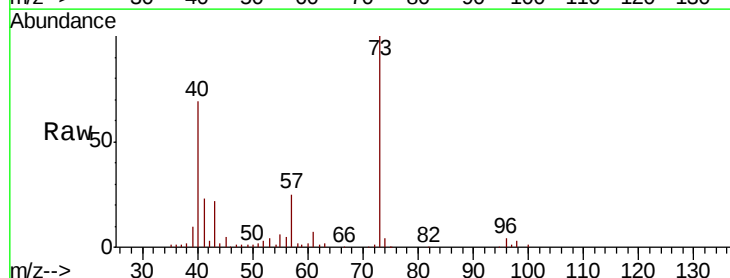
Acq: 27 Mar 2019 10:07

Tgt Ion: 73 Resp: 48554

Ion Ratio Lower Upper

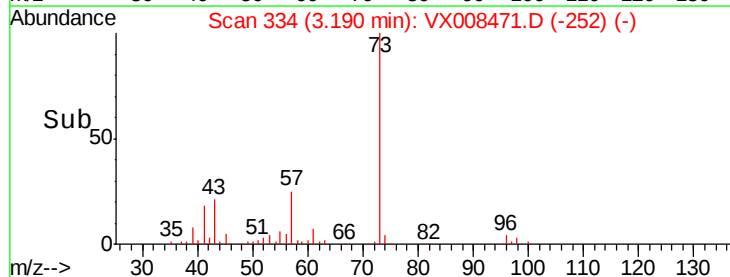
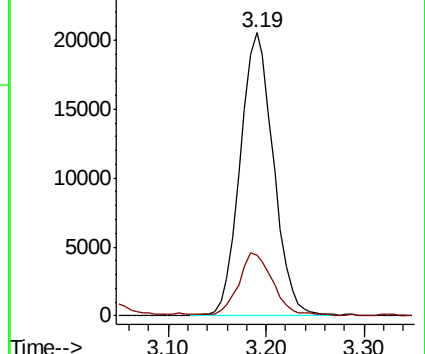
73 100

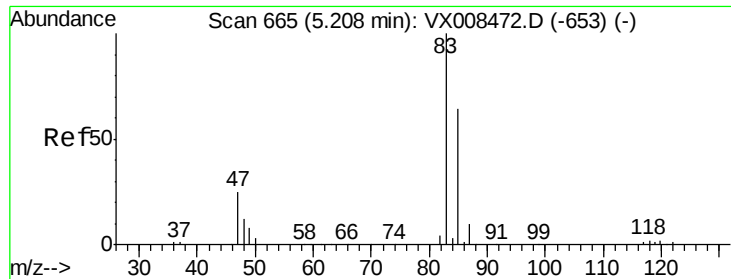
43 22.1 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

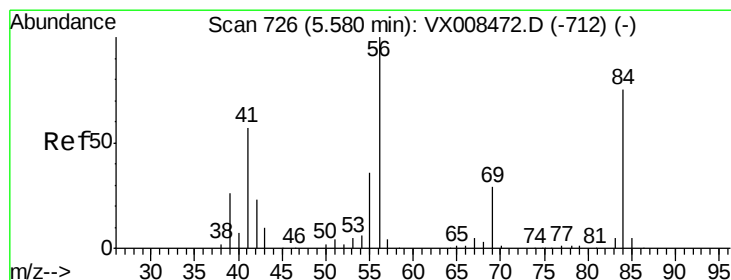
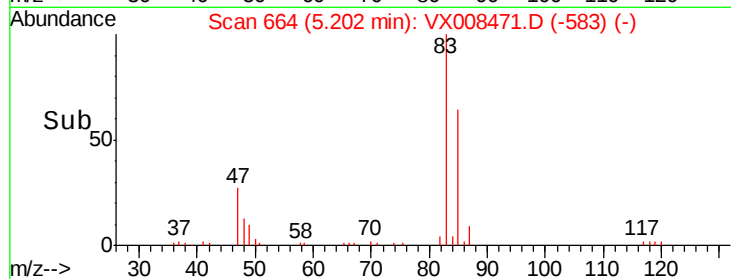
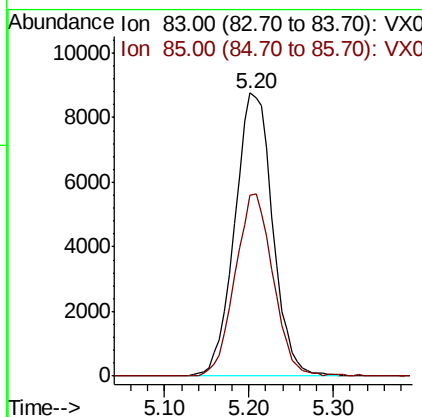
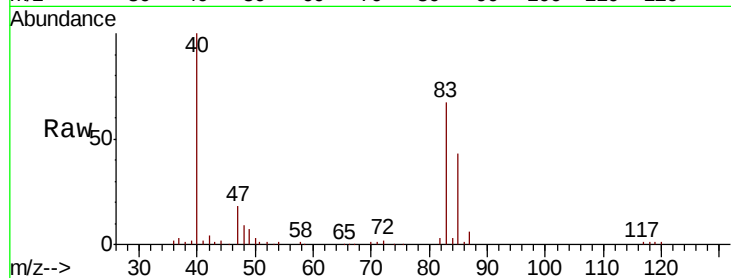




#25
Chloroform
Concen: 6.410 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

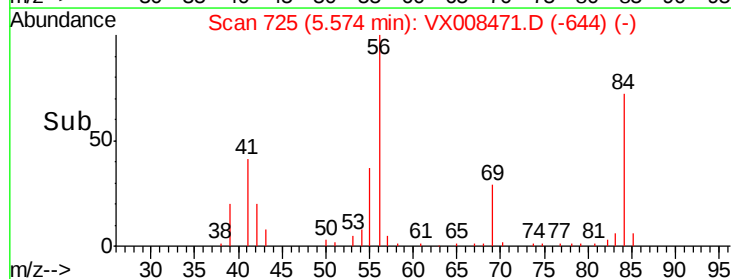
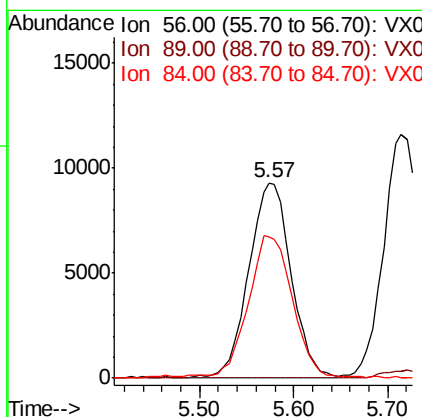
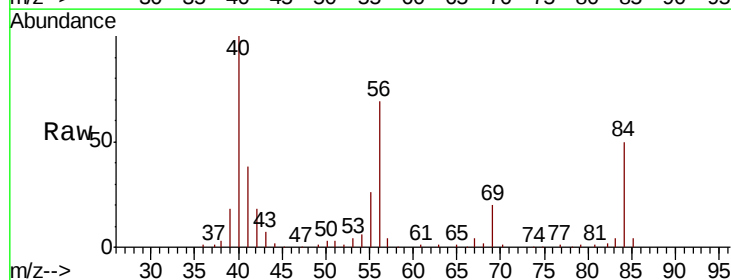
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

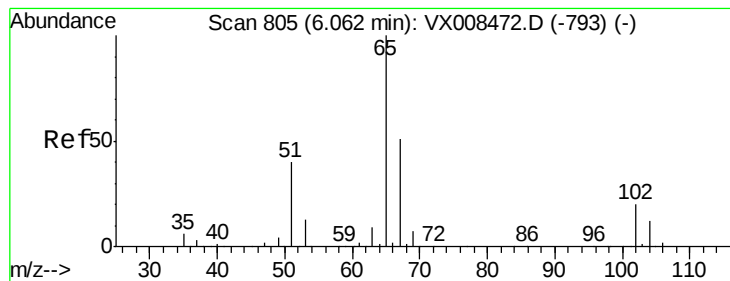
Tgt Ion: 83 Resp: 26707
Ion Ratio Lower Upper
83 100
85 63.8 53.8 80.6



#26
Cyclohexane
Concen: 8.426 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 56 Resp: 29266
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 74.3 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 36.742 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

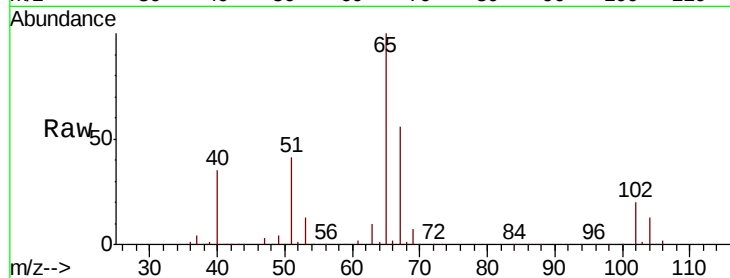
VSTDIC005

Tgt Ion: 65 Resp: 100710

Ion Ratio Lower Upper

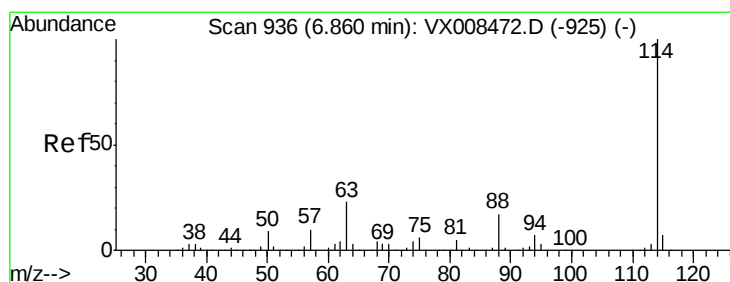
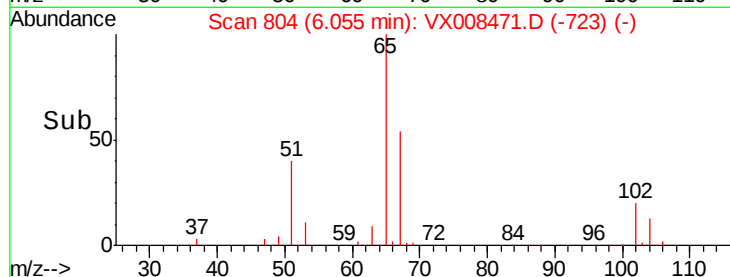
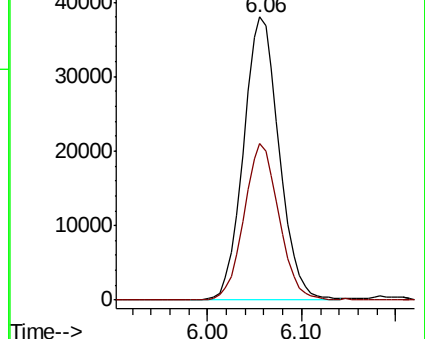
65 100

67 54.1 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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

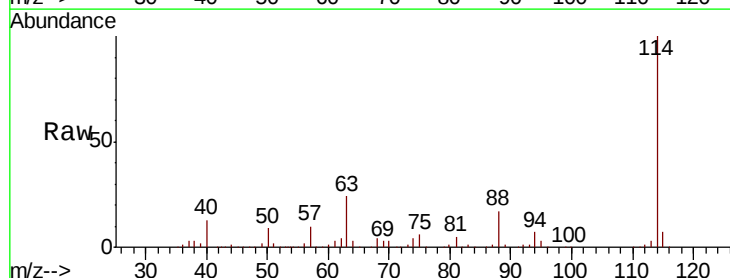
Tgt Ion: 114 Resp: 233382

Ion Ratio Lower Upper

114 100

63 23.7 14.2 21.4#

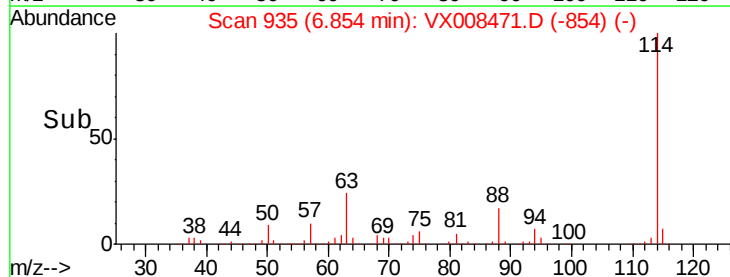
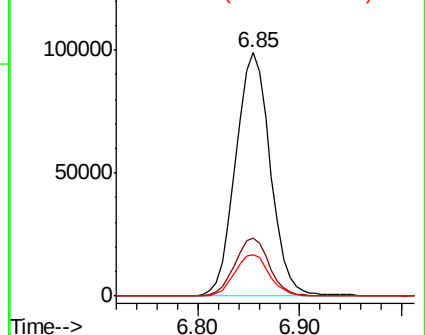
88 17.0 11.9 17.9

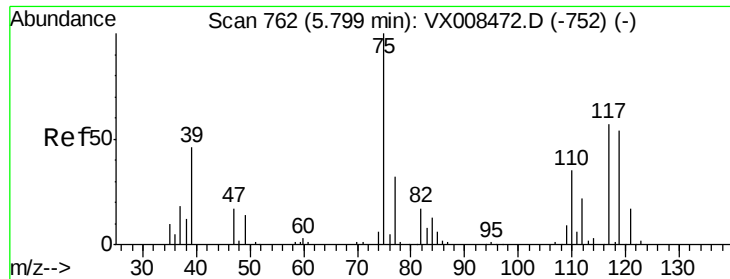


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

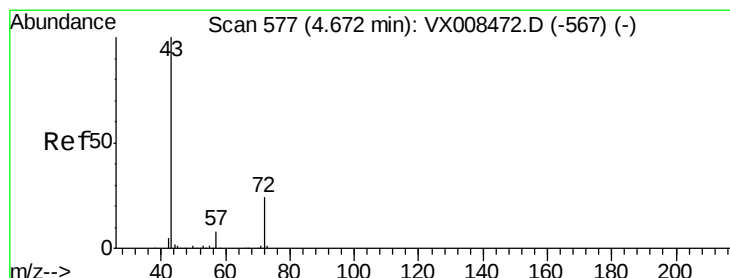
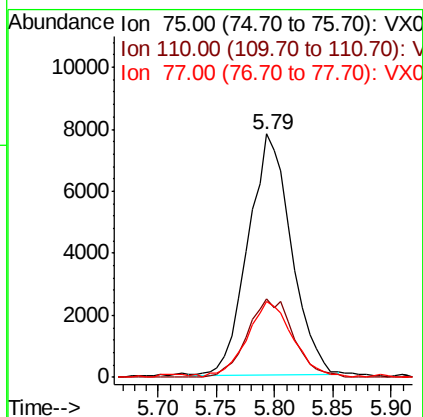
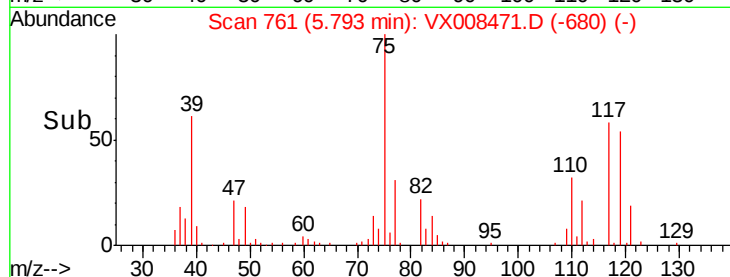
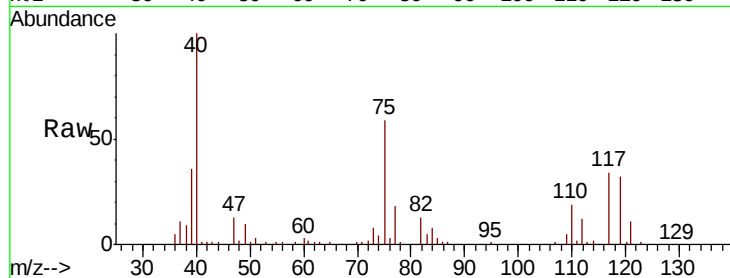




#29
 1,1-Dichloropropene
 Concen: 6.072 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

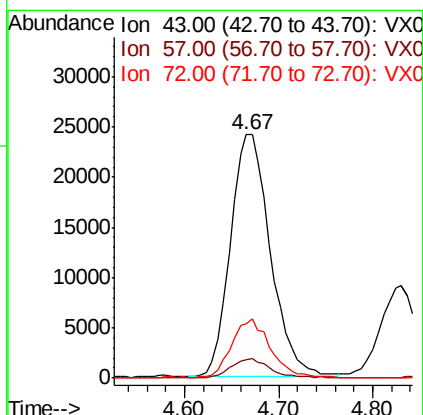
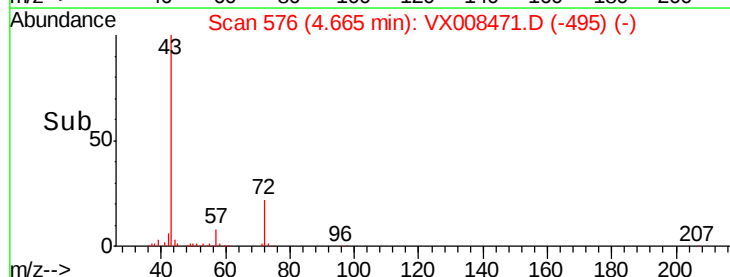
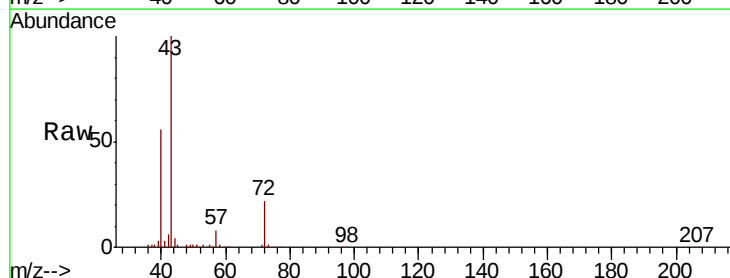
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

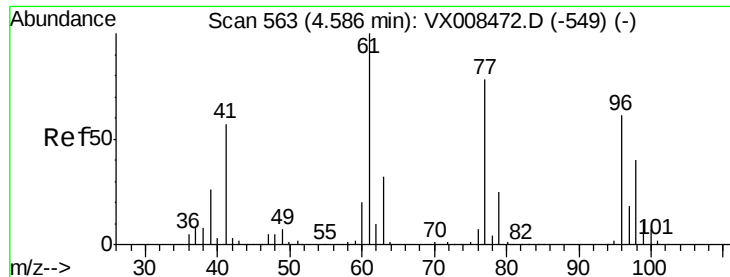
Tgt Ion: 75 Resp: 20126
 Ion Ratio Lower Upper
 75 100
 110 34.9 0.0 80.8
 77 33.2 0.0 62.4



#30
 2-Butanone
 Concen: 37.389 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 43 Resp: 71384
 Ion Ratio Lower Upper
 43 100
 57 7.5 7.0 10.6
 72 23.6 21.5 32.3

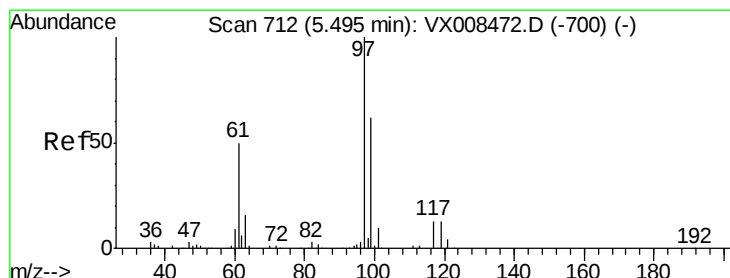
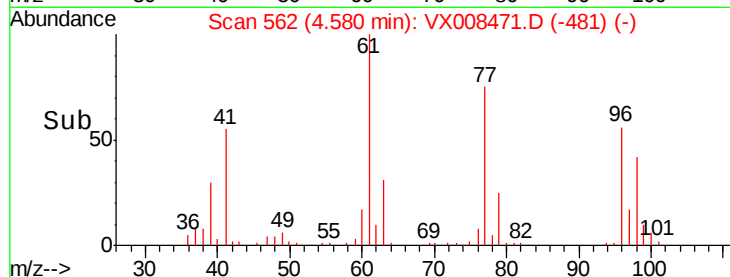
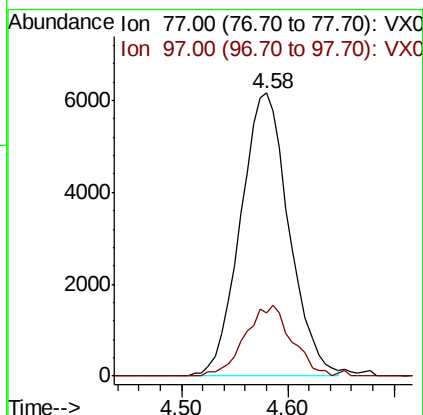
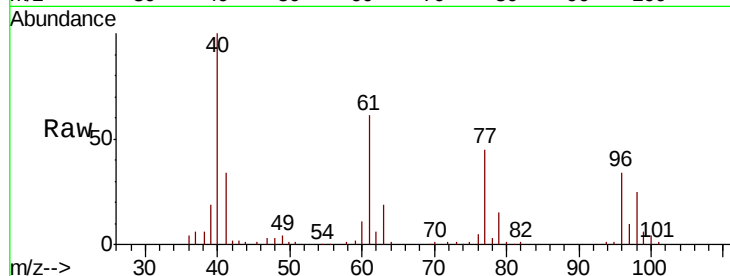




#31
 2,2-Dichloropropane
 Concen: 6.288 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

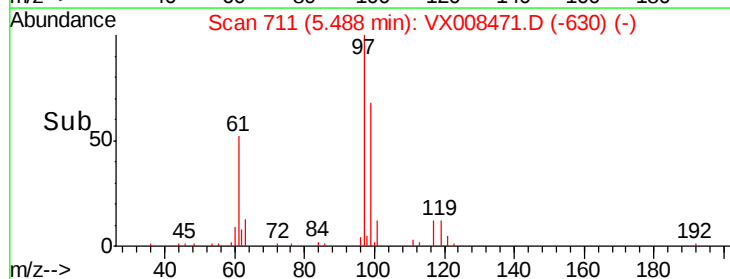
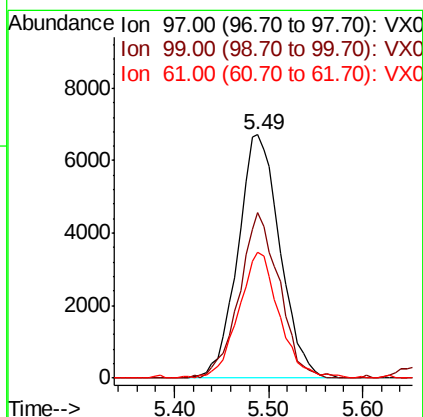
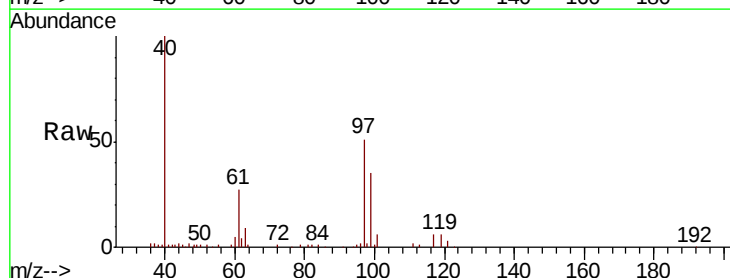
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

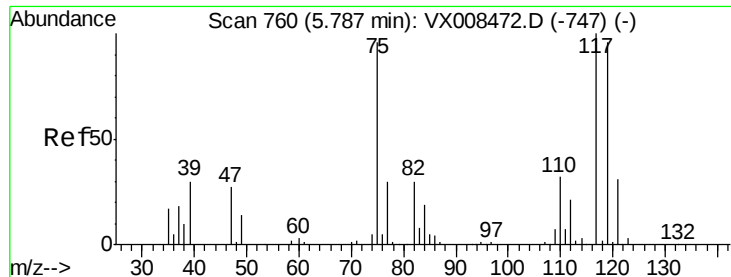
Tgt Ion: 77 Resp: 19624
 Ion Ratio Lower Upper
 77 100
 97 23.8 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 5.377 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 97 Resp: 20970
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 49.3 32.8 49.2#

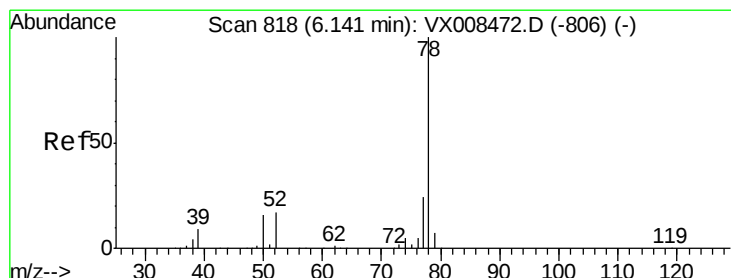
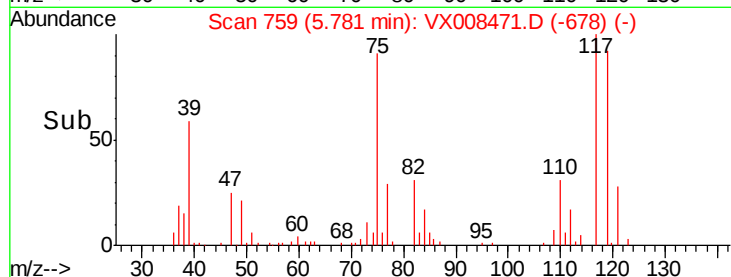
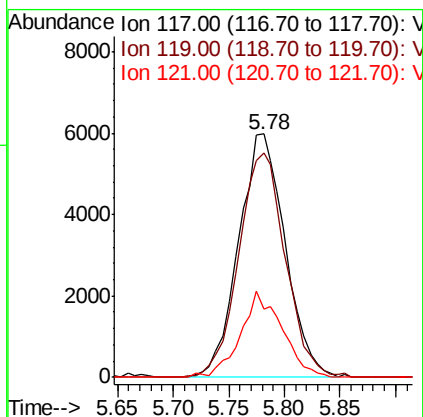
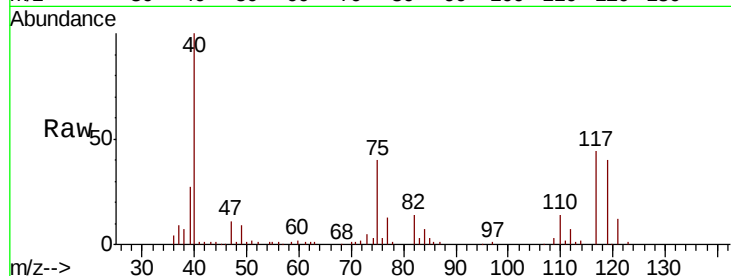




#33
Carbon Tetrachloride
Concen: 4.842 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

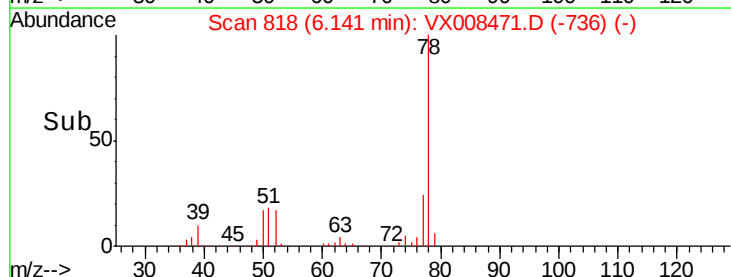
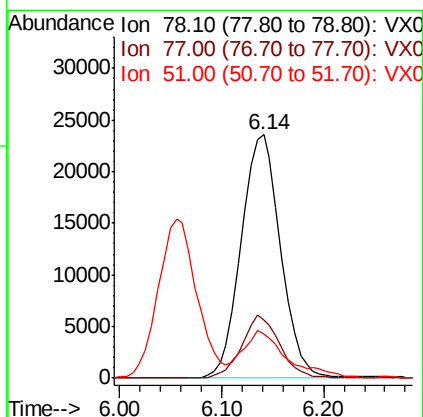
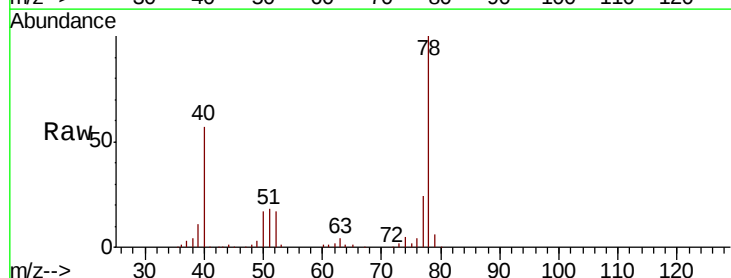
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

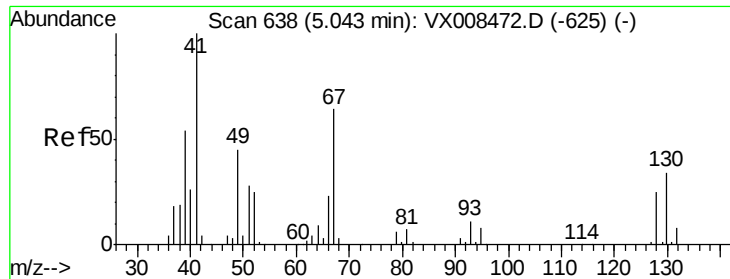
Tgt Ion: 117 Resp: 17343
Ion Ratio Lower Upper
117 100
119 91.4 78.1 117.1
121 28.0 27.0 40.6



#34
Benzene
Concen: 6.414 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 78 Resp: 63332
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 16.1 10.8 16.2

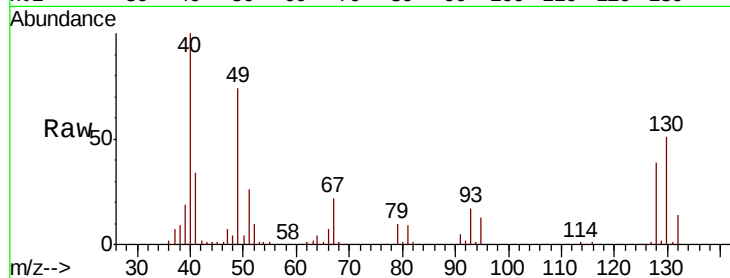




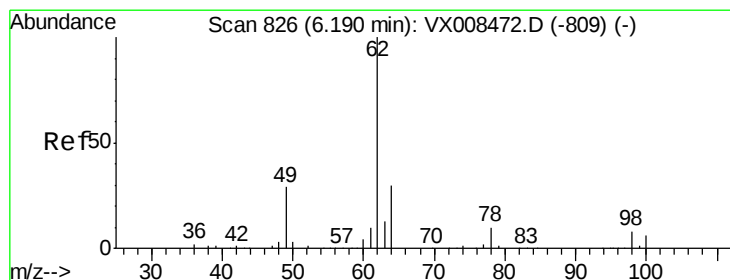
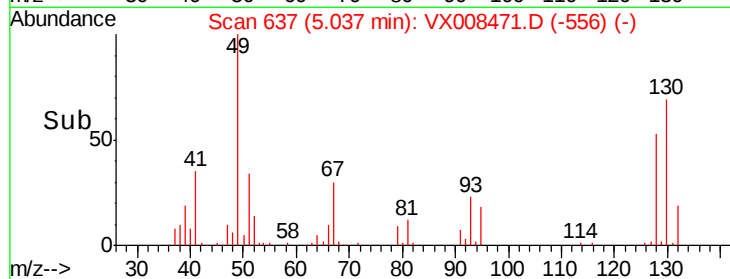
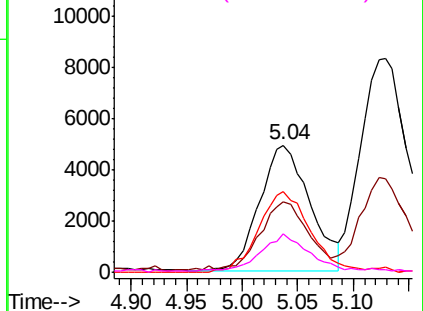
#35
Methacrylonitrile
Concen: 8.635 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	15357
Ion	Ratio	Lower	Upper
41	100		
39	54.1	27.4	82.0
67	63.9	37.9	113.6
52	28.6	13.3	39.9

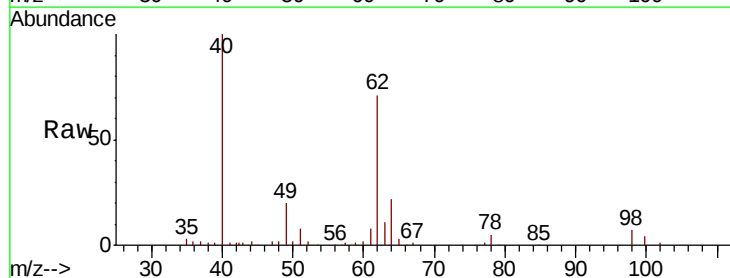


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

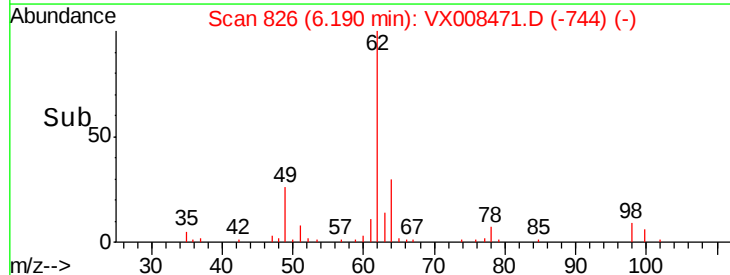
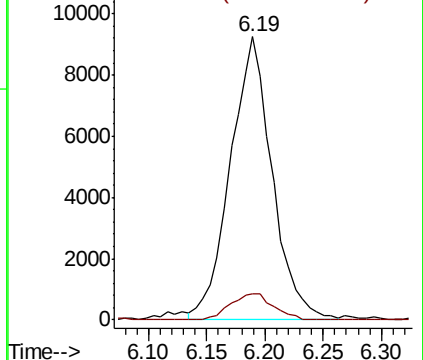


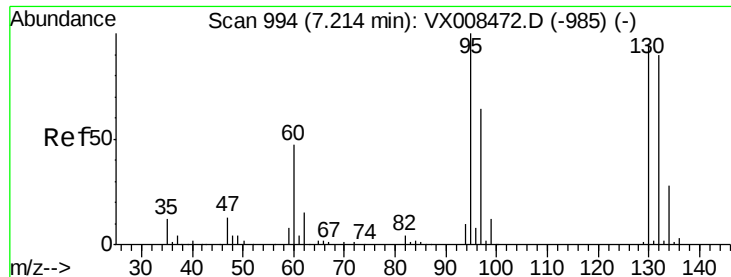
#36
1,2-Dichloroethane
Concen: 6.348 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion:	62	Resp:	23102
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

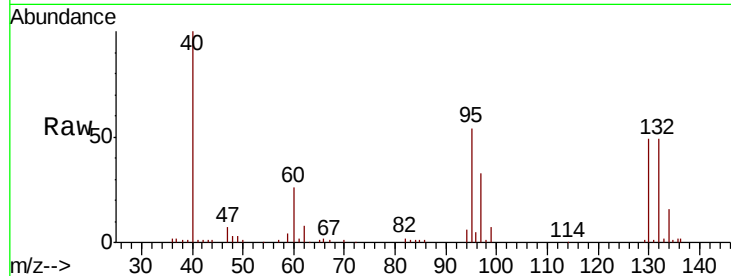




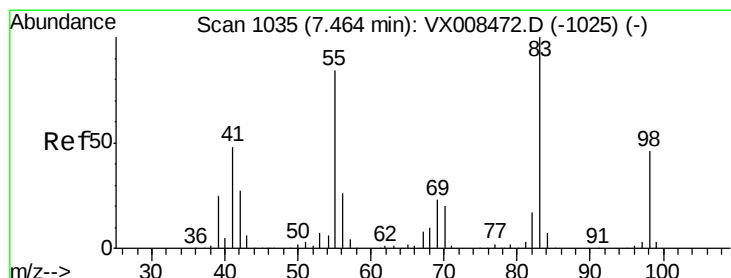
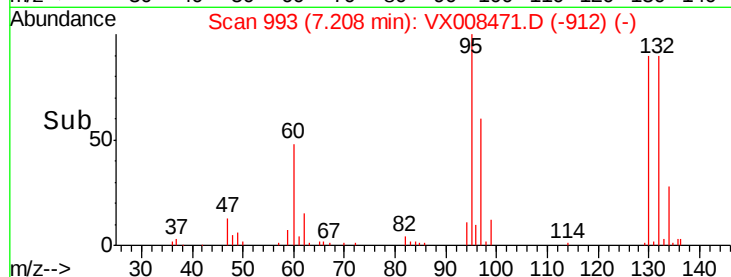
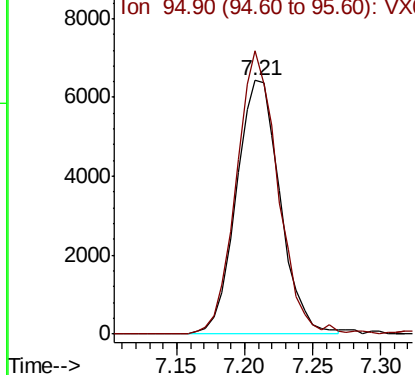
#37
 Trichloroethene
 Concen: 4.985 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 130 Resp: 14471
 Ion Ratio Lower Upper
 130 100
 95 111.6 71.3 106.9#

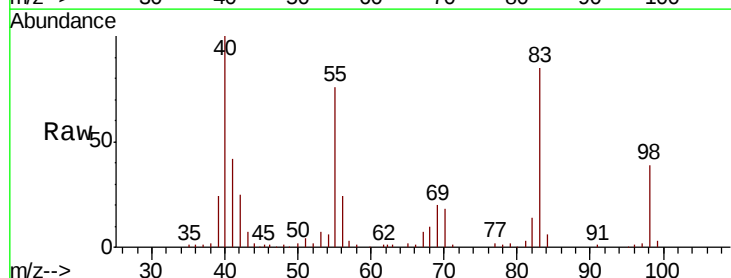


Abundance Ion 129.90 (129.60 to 130.60): VX0
 Ion 94.90 (94.60 to 95.60): VX0

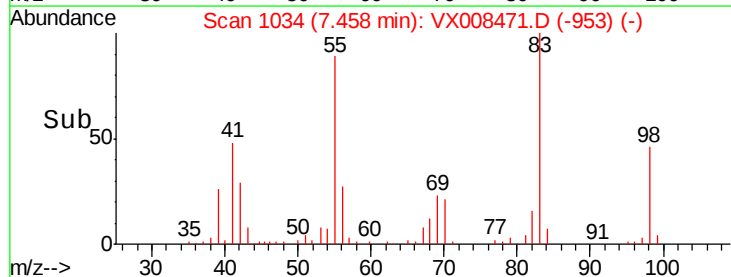
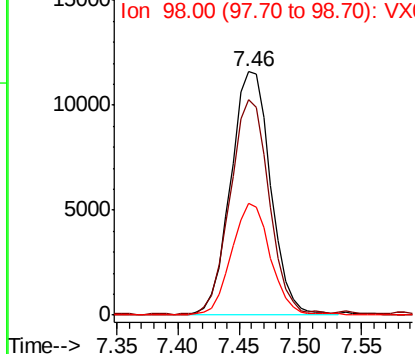


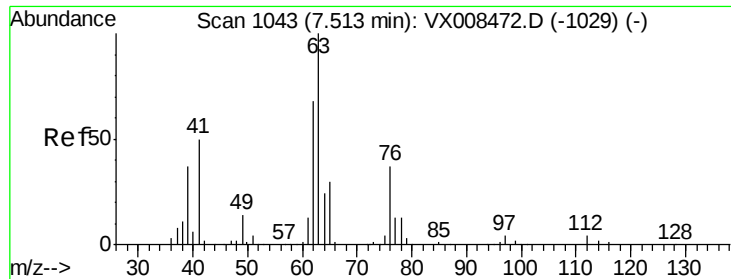
#38
 Methylcyclohexane
 Concen: 6.326 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 83 Resp: 26282
 Ion Ratio Lower Upper
 83 100
 55 86.3 36.0 108.0
 98 44.2 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

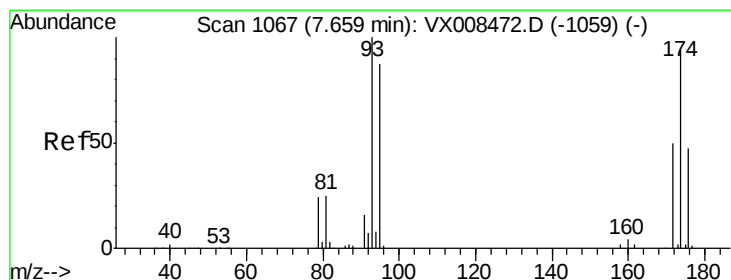
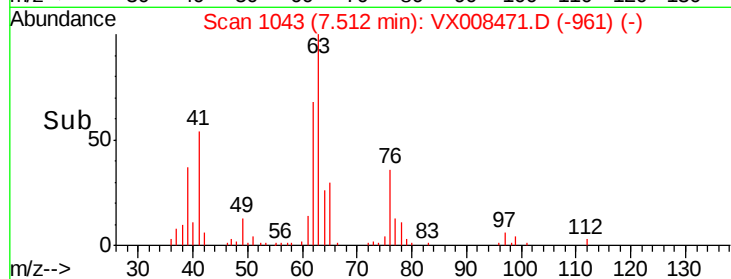
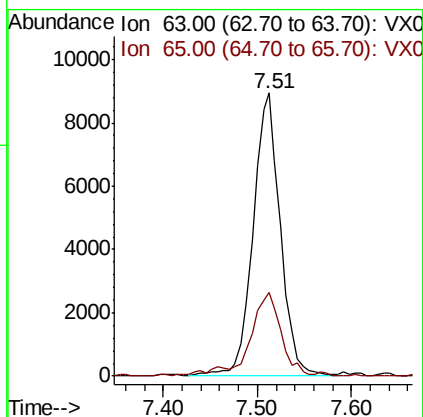
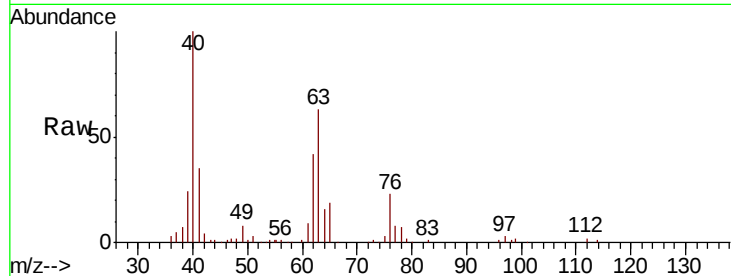




#39
 1,2-Dichloropropane
 Concen: 7.260 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

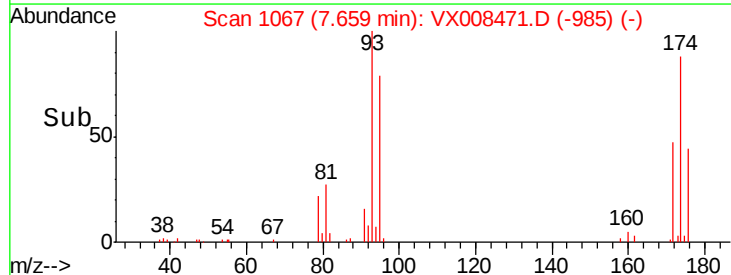
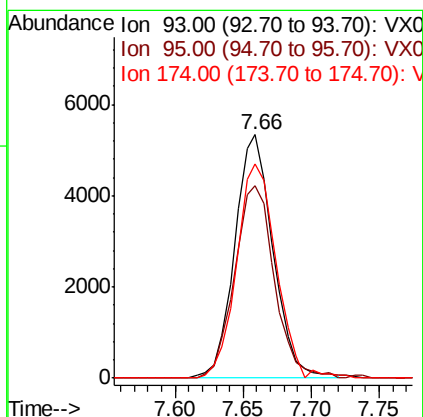
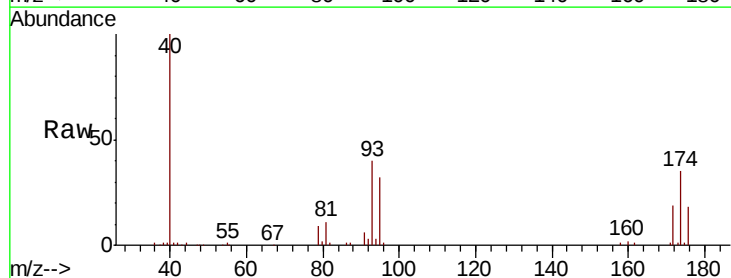
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

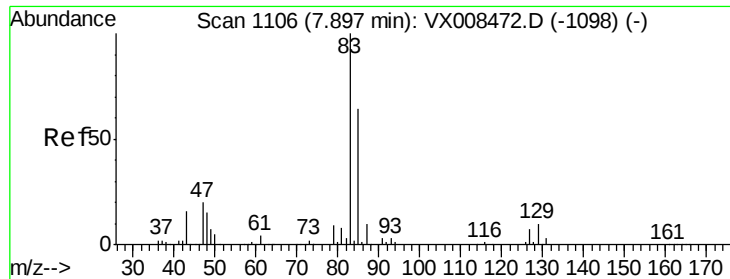
Tgt Ion: 63 Resp: 18239
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0



#40
 Dibromomethane
 Concen: 5.689 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 93 Resp: 10483
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 158.8
 174 89.4 0.0 224.2





#41

Bromodichloromethane

Concen: 5.475 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

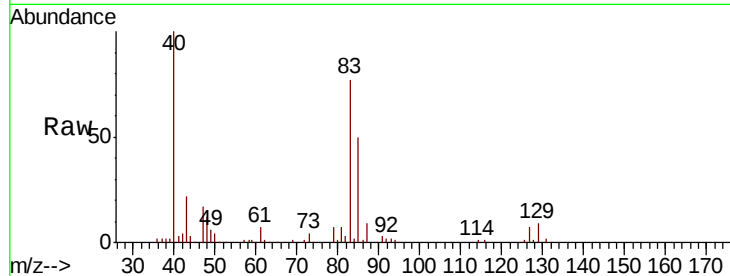
Tgt Ion: 83 Resp: 19144

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

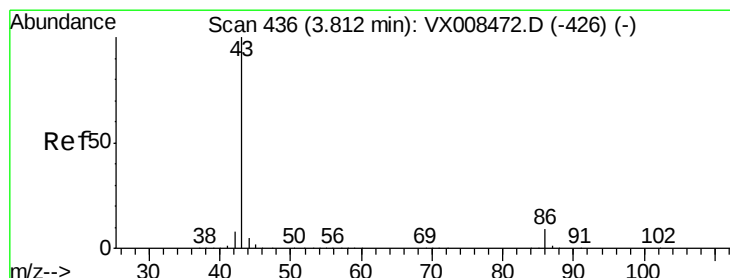
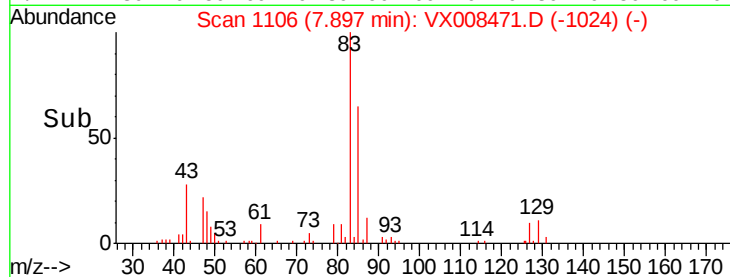
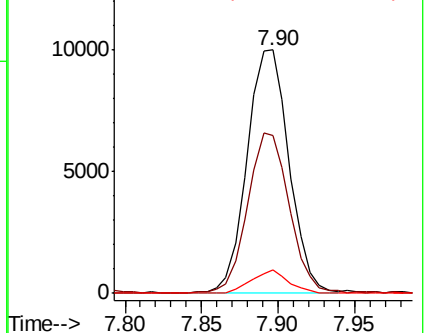
127 10.6 7.2 10.8



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: 38.654 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008471.D

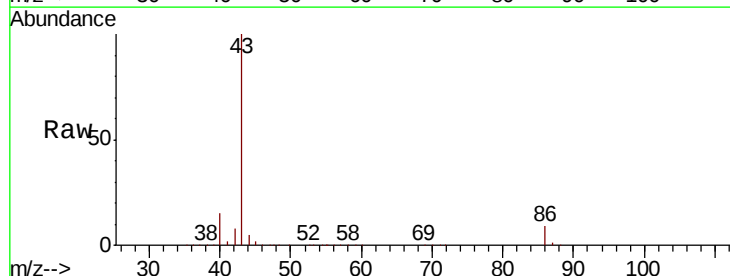
Acq: 27 Mar 2019 10:07

Tgt Ion: 43 Resp: 248049

Ion Ratio Lower Upper

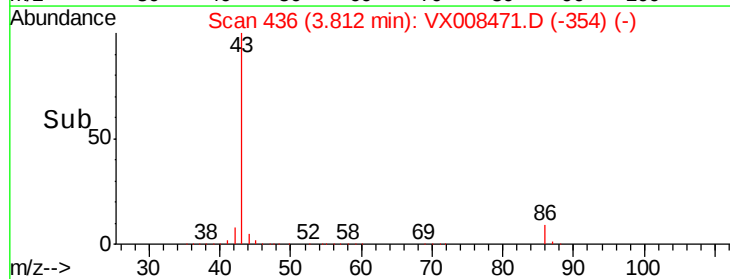
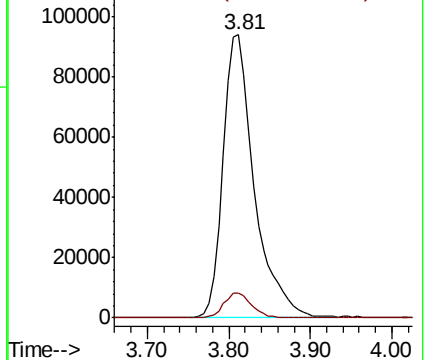
43 100

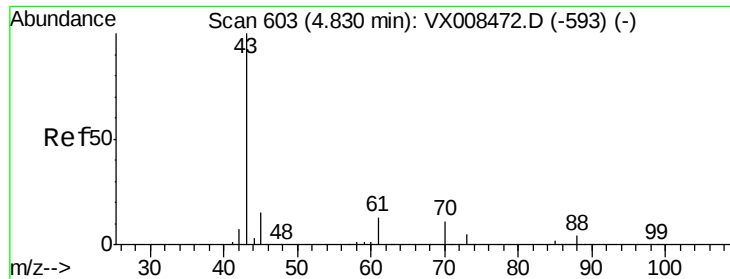
86 7.9 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 7.494 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

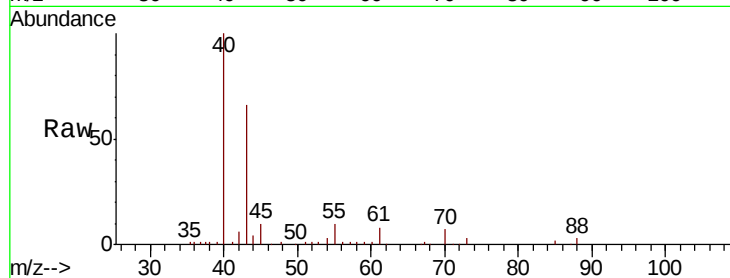
VSTDIC005

Tgt Ion: 43 Resp: 25255

Ion Ratio Lower Upper

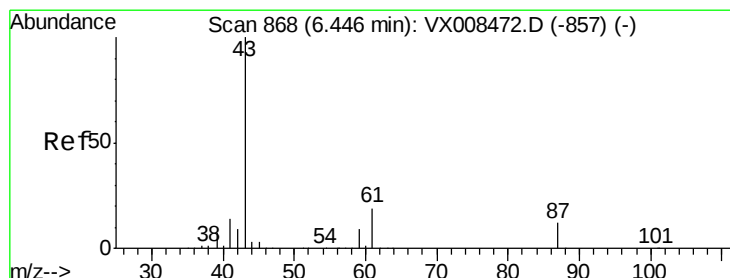
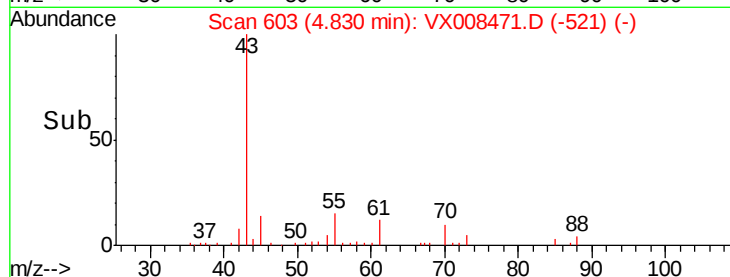
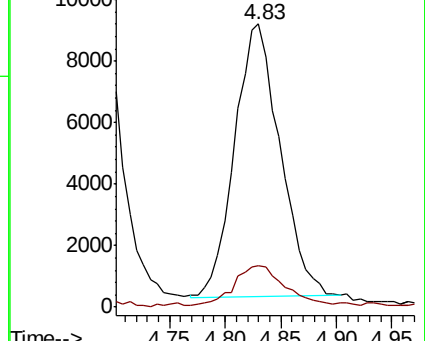
43 100

45 17.8 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 7.704 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008471.D

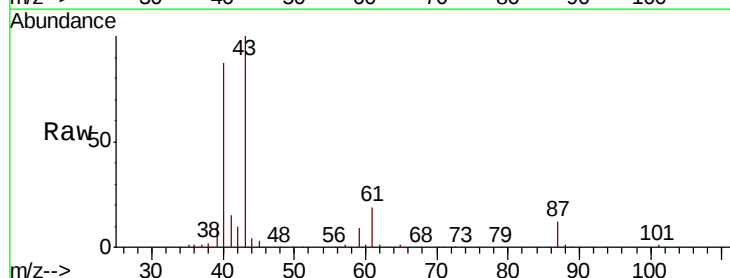
Acq: 27 Mar 2019 10:07

Tgt Ion: 43 Resp: 40859

Ion Ratio Lower Upper

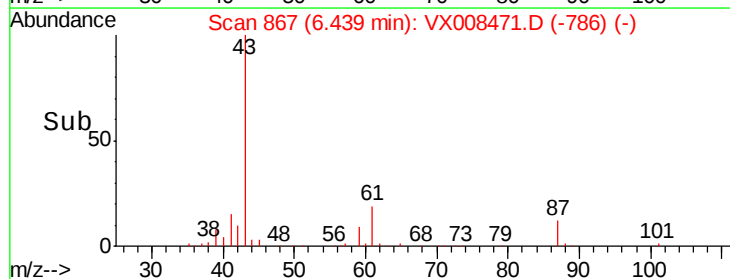
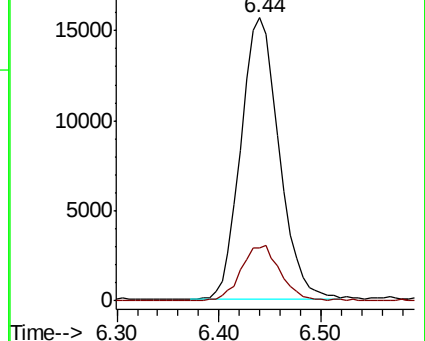
43 100

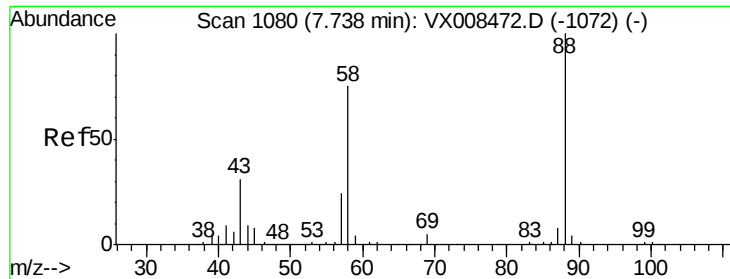
61 20.0 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 132.053 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

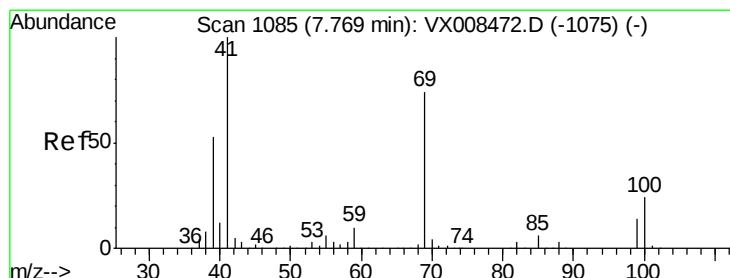
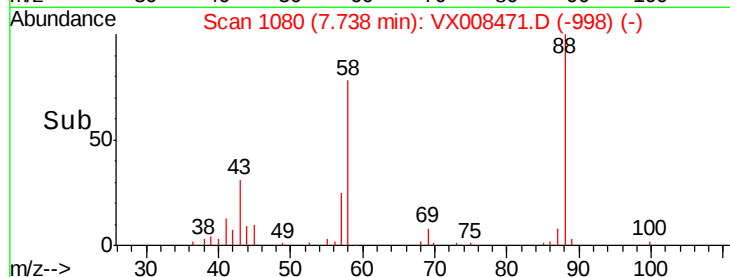
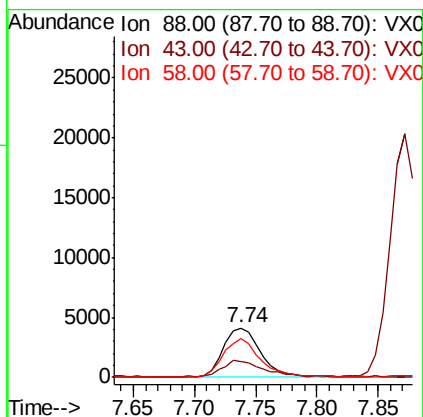
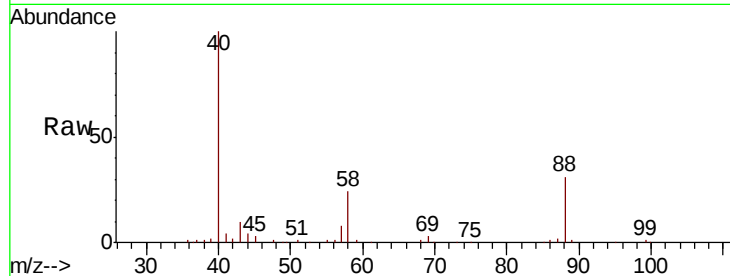
Tgt Ion: 88 Resp: 8809

Ion Ratio Lower Upper

88 100

43 33.4 23.6 35.4

58 77.7 51.6 77.4#



#46

Methyl methacrylate

Concen: 7.948 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

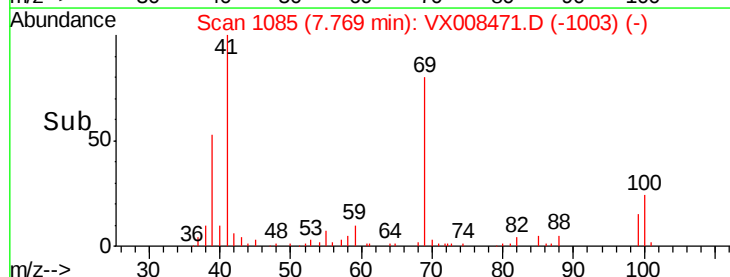
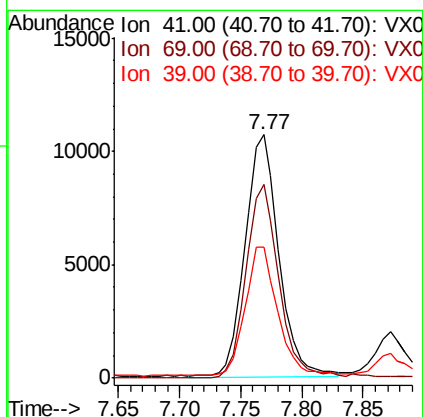
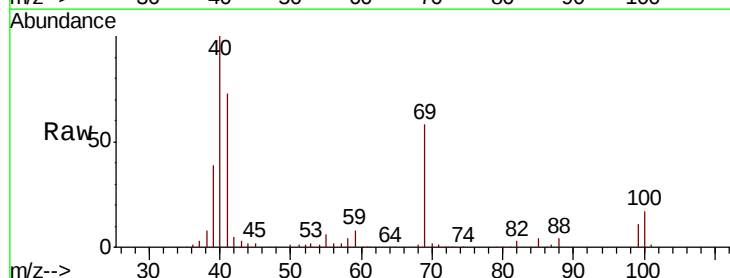
Tgt Ion: 41 Resp: 20684

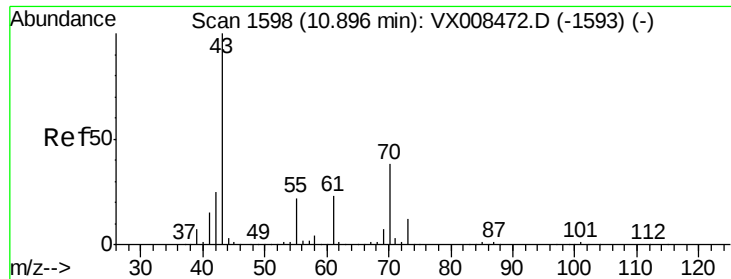
Ion Ratio Lower Upper

41 100

69 80.6 44.2 132.6

39 53.3 29.9 89.8

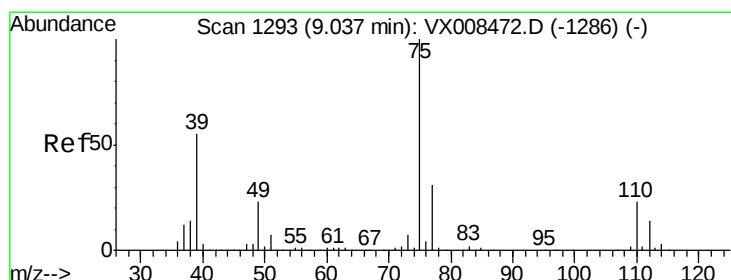
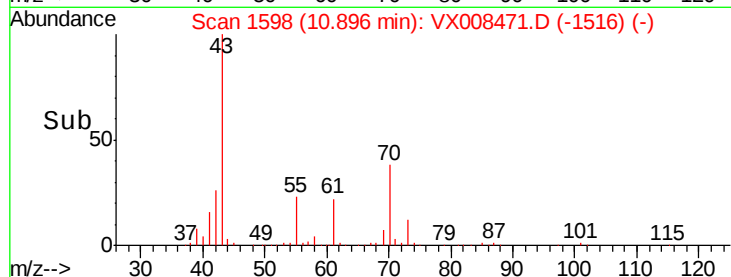
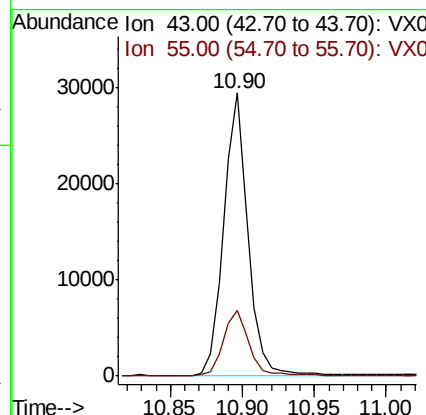
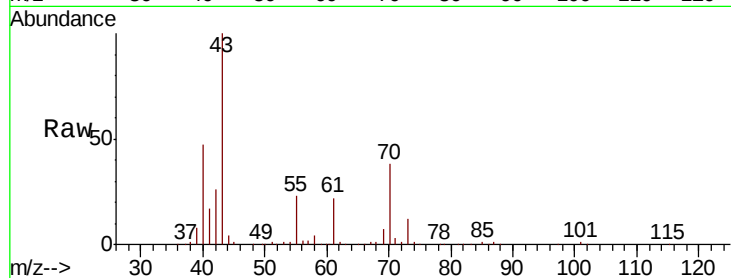




#47
n-amy1 Acetate
Concen: 7.642 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

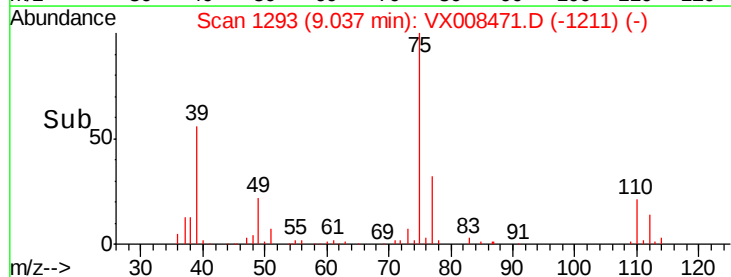
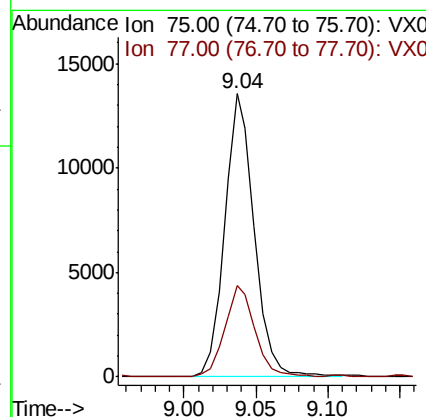
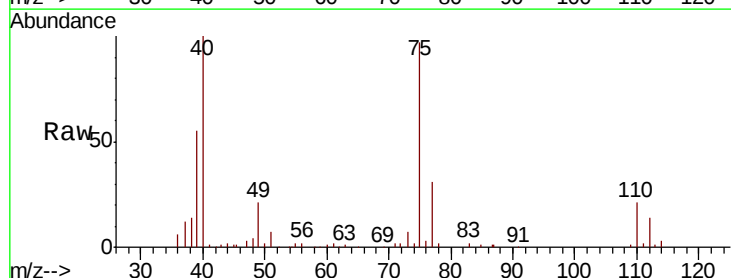
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

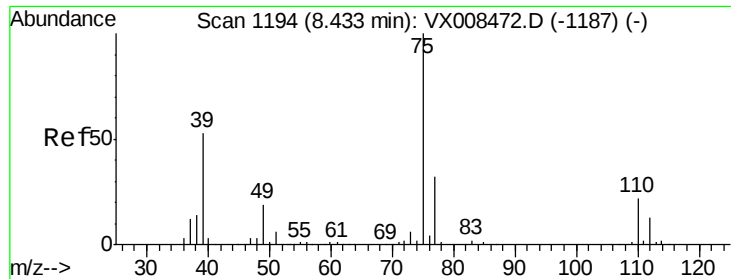
Tgt Ion: 43 Resp: 34750
Ion Ratio Lower Upper
43 100
55 24.5 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 5.570 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 75 Resp: 19498
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7

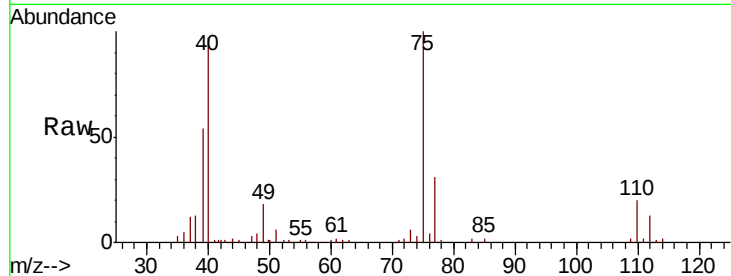




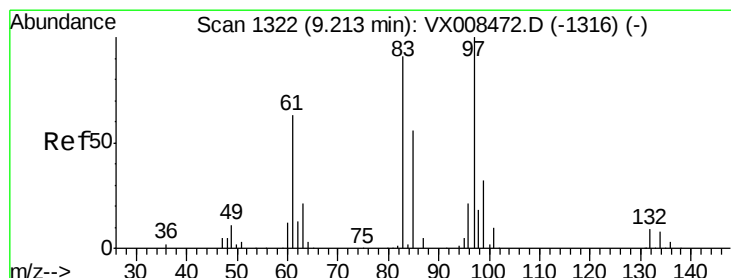
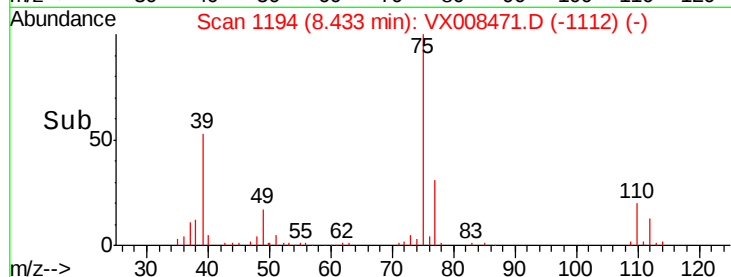
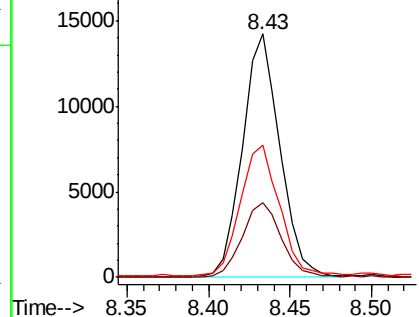
#49
 cis-1,3-Dichloropropene
 Concen: 5.838 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 22806
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4
 39 53.5 38.5 57.7

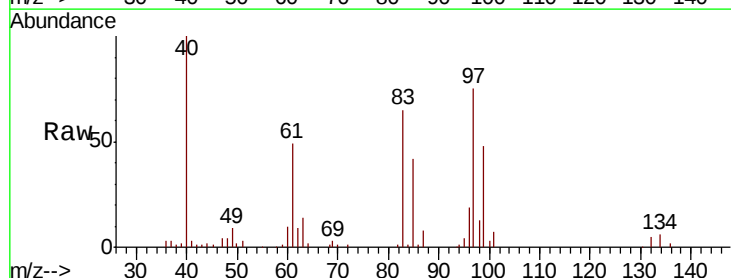


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

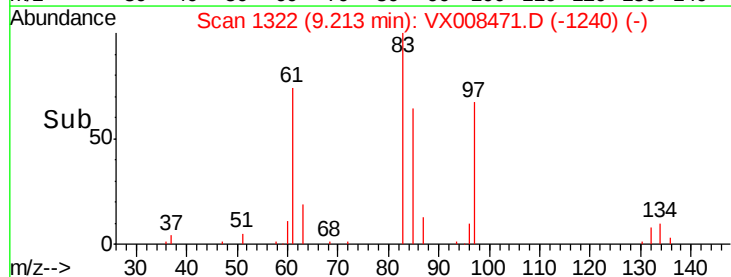
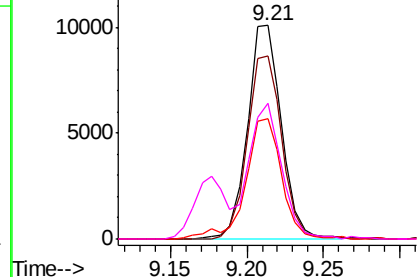


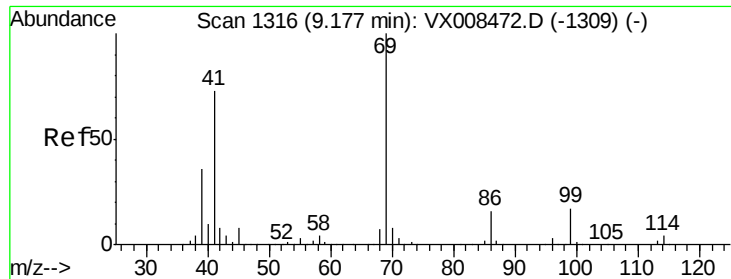
#50
 1,1,2-Trichloroethane
 Concen: 5.855 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 97 Resp: 15499
 Ion Ratio Lower Upper
 97 100
 83 86.0 72.0 108.0
 85 55.1 45.0 67.6
 99 63.3 54.2 81.4



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

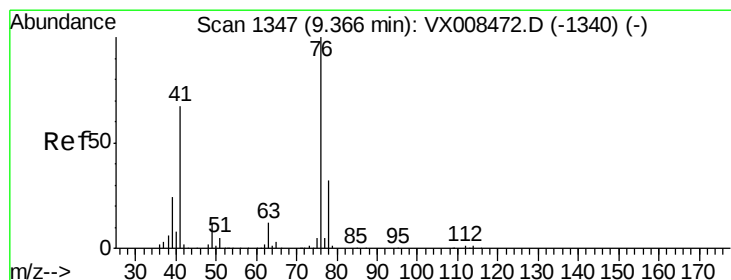
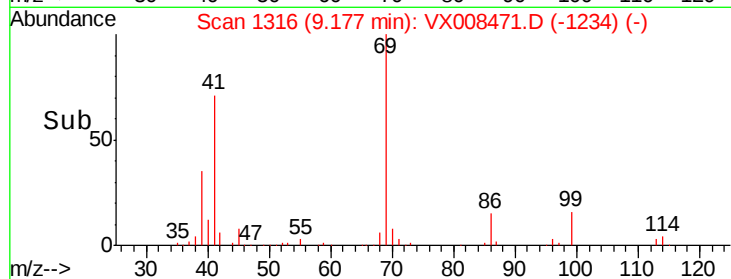
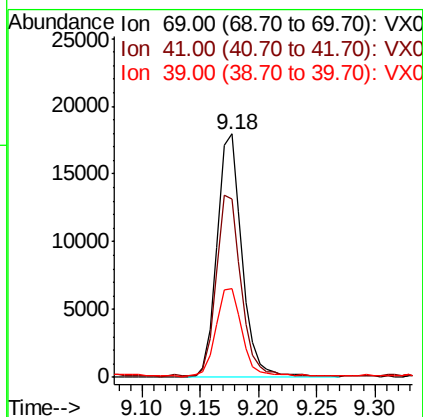
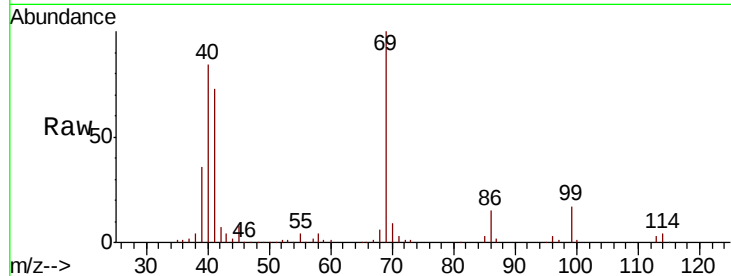




#51
Ethyl methacrylate
Concen: 6.865 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

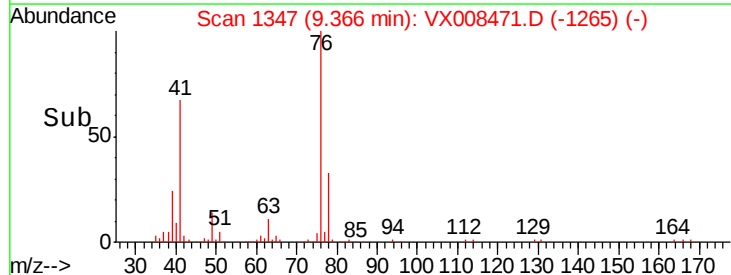
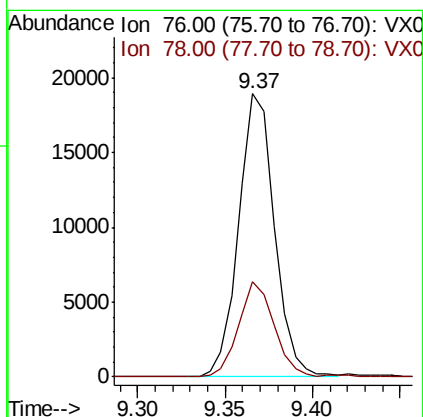
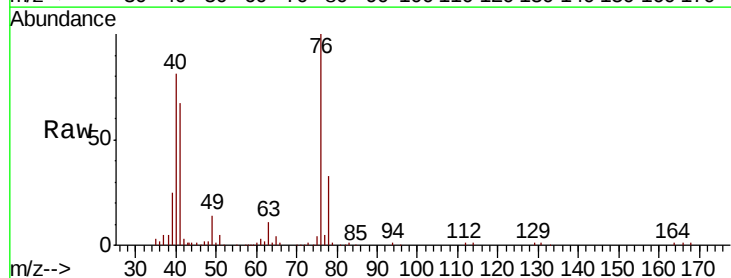
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

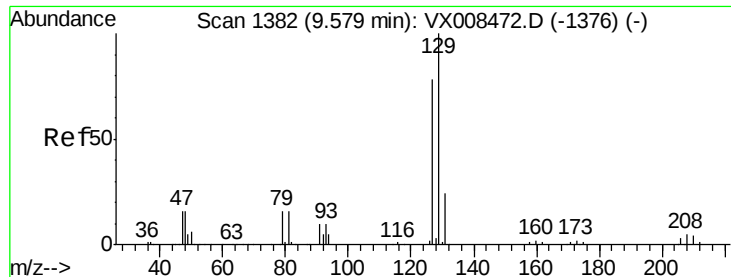
Tgt Ion: 69 Resp: 26530
Ion Ratio Lower Upper
69 100
41 72.6 32.1 96.5
39 35.5 18.8 56.3



#52
1,3-Dichloropropane
Concen: 6.369 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 76 Resp: 27041
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.2





#53

Dibromochloromethane

Concen: 4.651 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

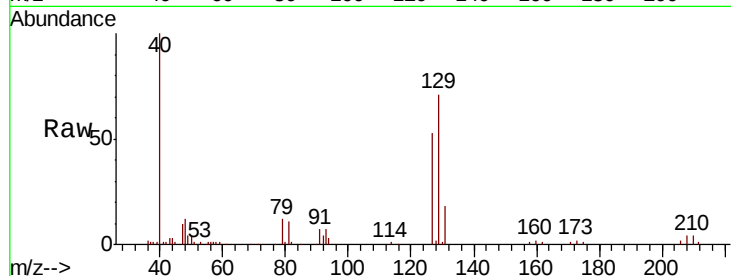
VSTDIC005

Tgt Ion:129 Resp: 13880

Ion Ratio Lower Upper

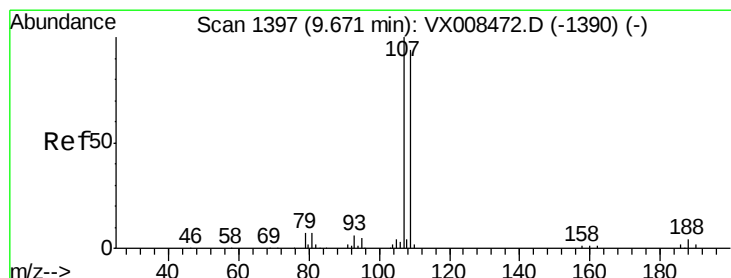
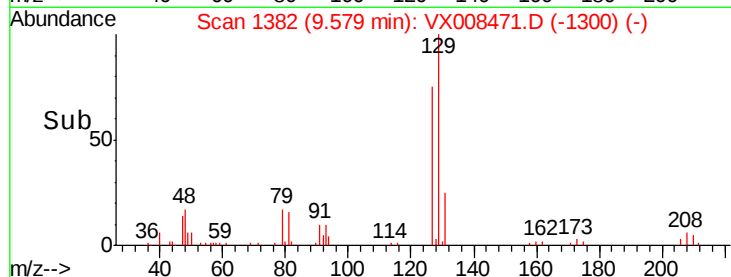
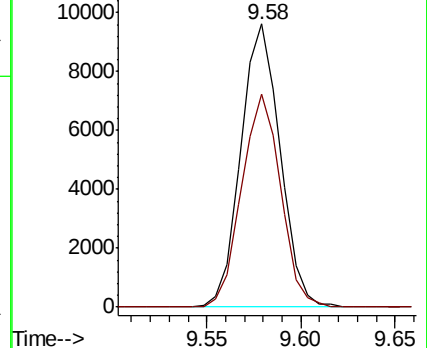
129 100

127 74.7 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: 5.329 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008471.D

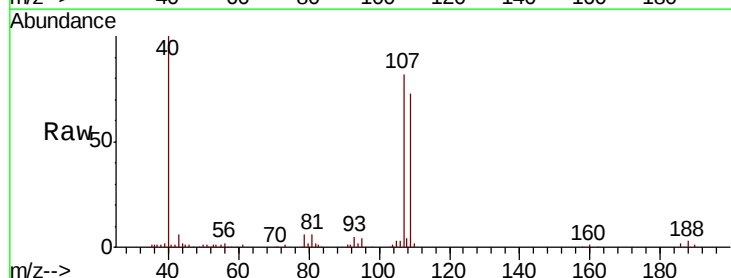
Acq: 27 Mar 2019 10:07

Tgt Ion:107 Resp: 15477

Ion Ratio Lower Upper

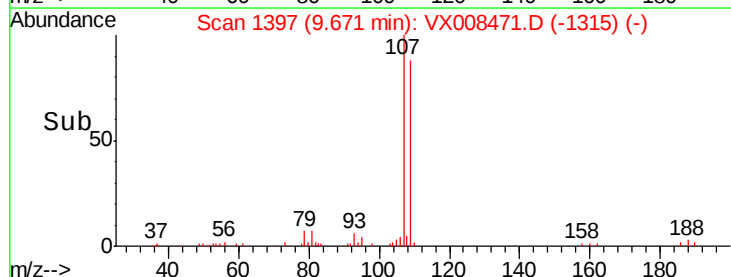
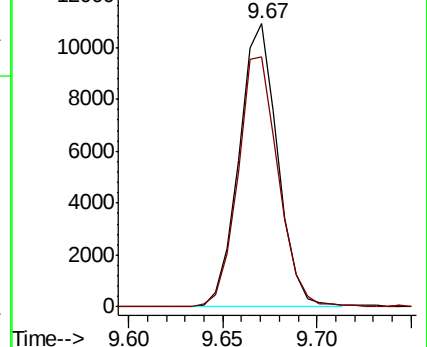
107 100

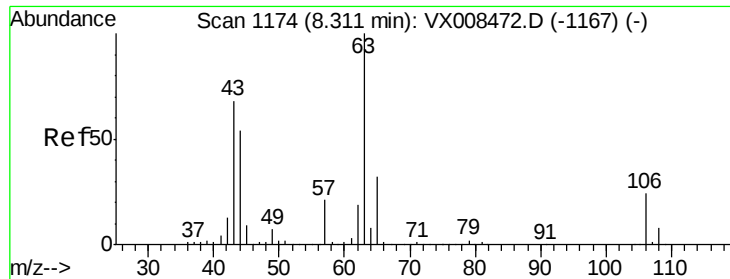
109 92.3 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

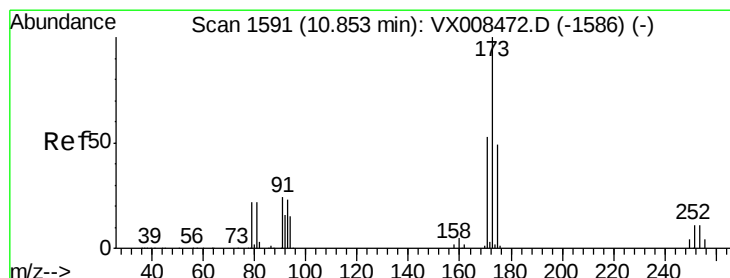
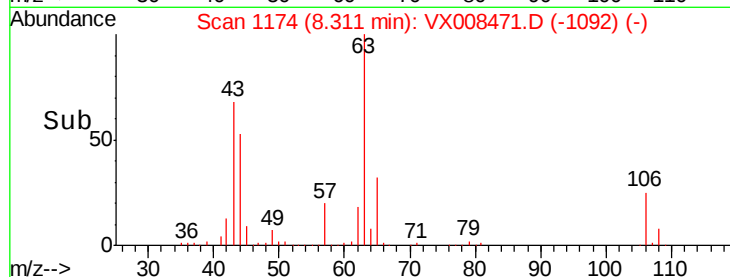
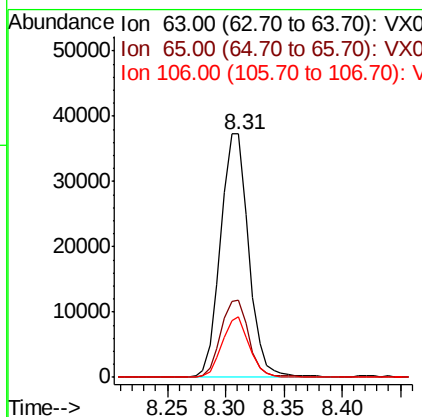
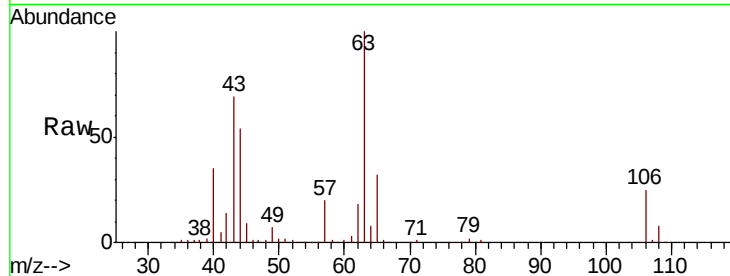




#55
 2-Chloroethyl vinyl ether
 Concen: 32.157 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

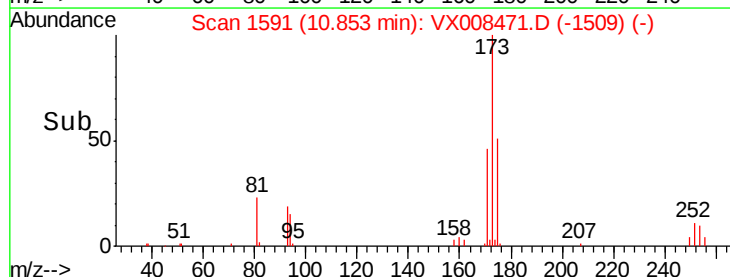
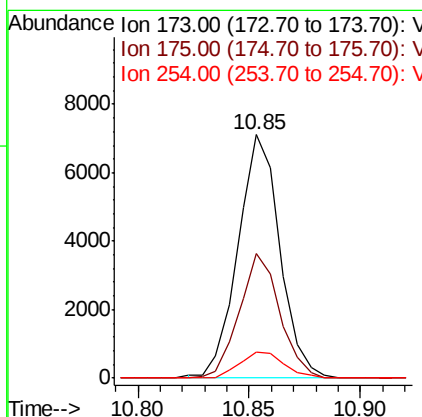
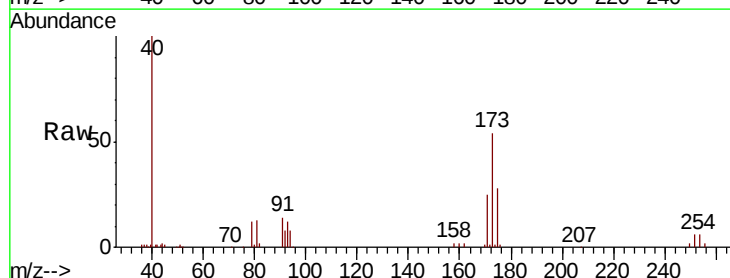
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

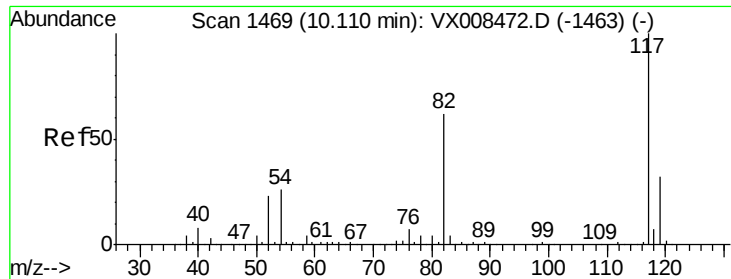
Tgt Ion: 63 Resp: 62526
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5
 106 23.6 23.7 35.5#



#56
 Bromoform
 Concen: 3.952 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 173 Resp: 9310
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.5 57.7
 254 11.2 7.4 11.2#

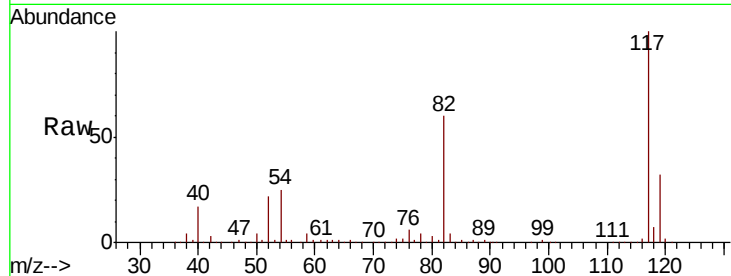




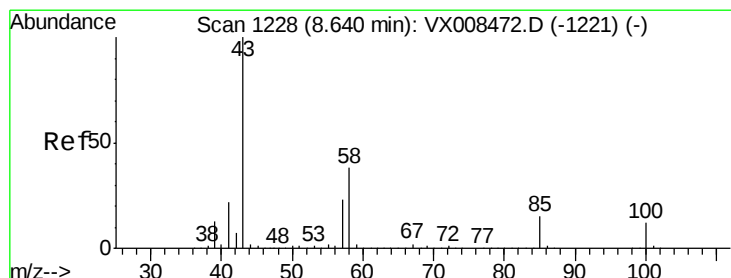
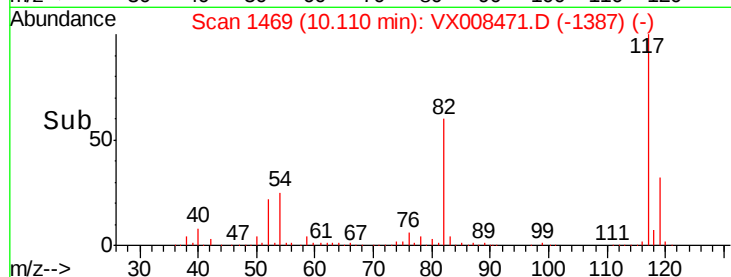
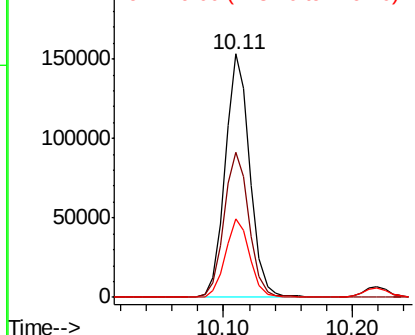
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 117 Resp: 206136
Ion Ratio Lower Upper
117 100
82 60.7 40.4 60.6#
119 31.8 25.8 38.6

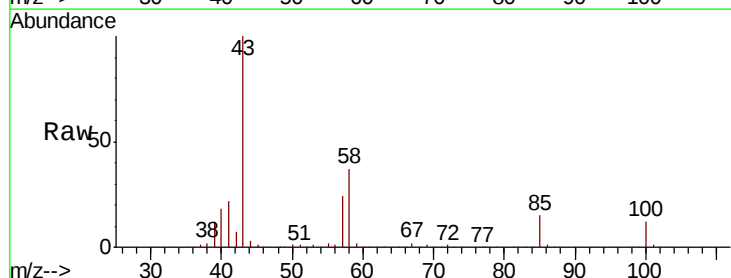


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

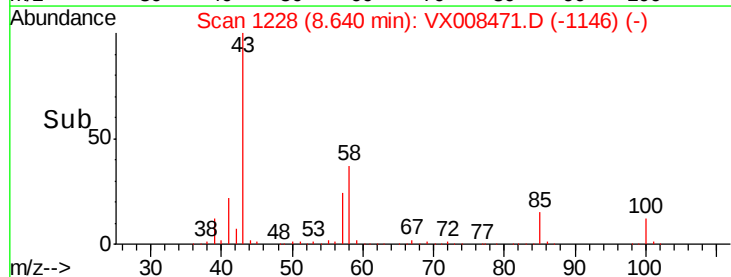
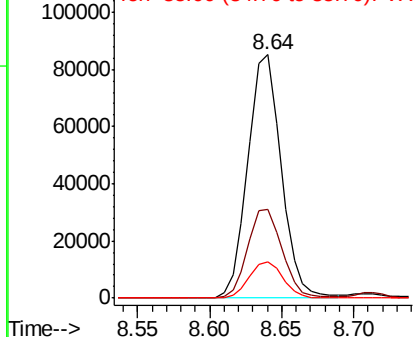


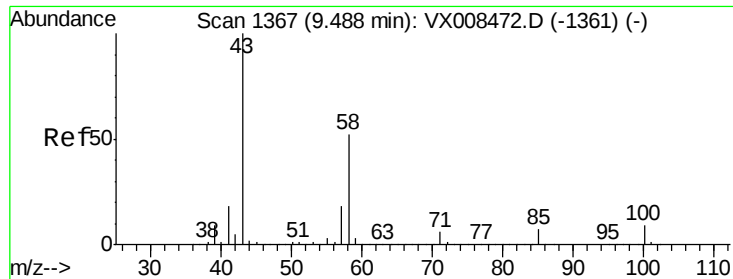
#58
4-Methyl-2-Pentanone
Concen: 39.428 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 43 Resp: 136845
Ion Ratio Lower Upper
43 100
58 37.7 31.4 47.0
85 15.1 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

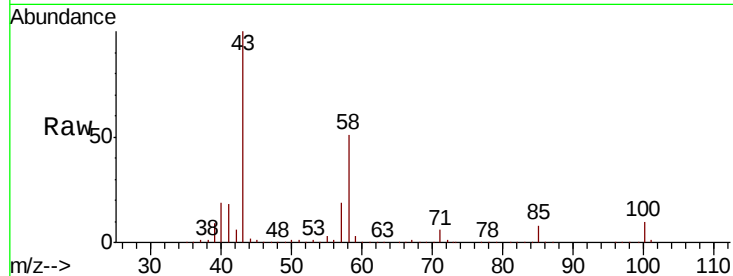




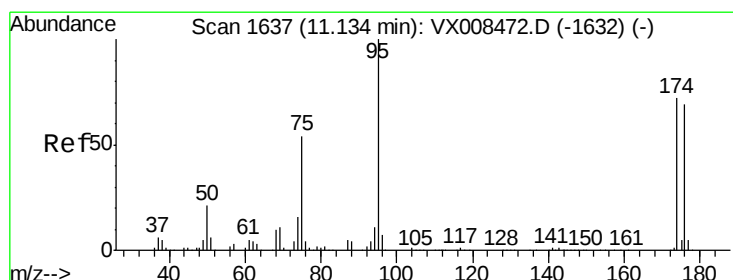
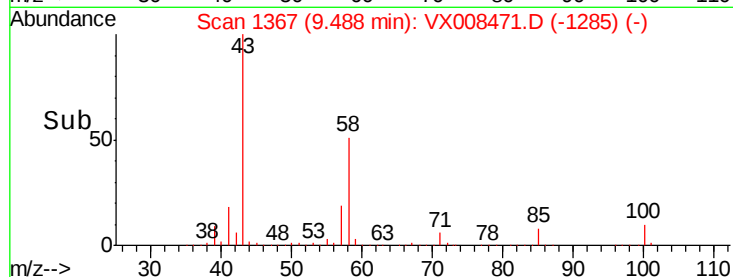
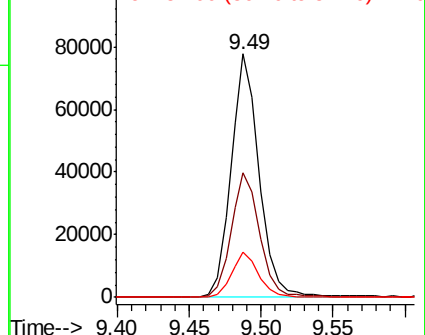
#59
2-Hexanone
Concen: 38.485 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 105660
Ion Ratio Lower Upper
43 100
58 52.3 43.9 65.9
57 18.2 14.9 22.3

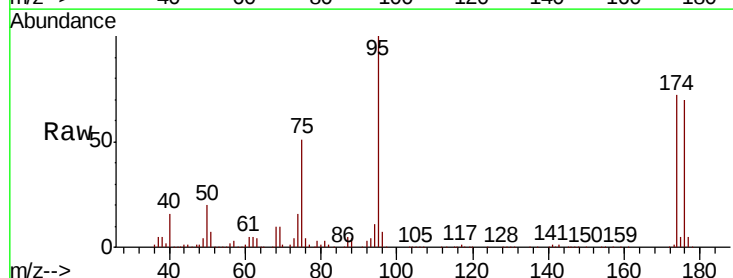


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

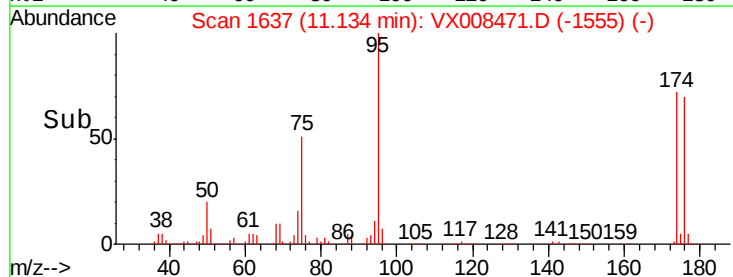
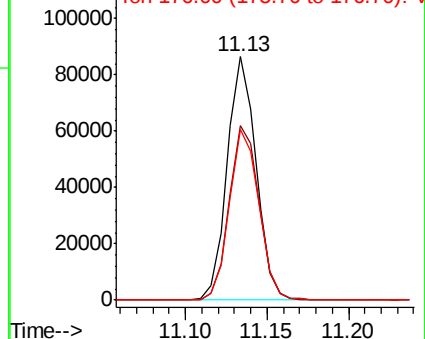


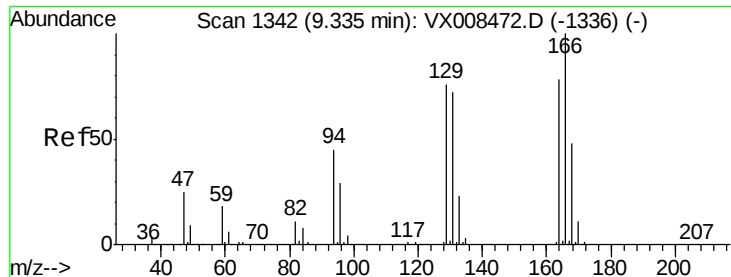
#60
4-Bromofluorobenzene
Concen: 31.727 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 95 Resp: 106457
Ion Ratio Lower Upper
95 100
174 73.9 74.9 112.3#
176 72.2 70.7 106.1



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 4.462 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 12382

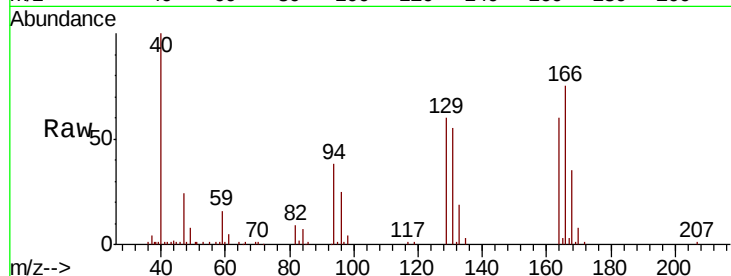
Ion Ratio Lower Upper

164 100

166 124.4 103.9 155.9

129 99.6 74.7 112.1

131 91.6 71.7 107.5



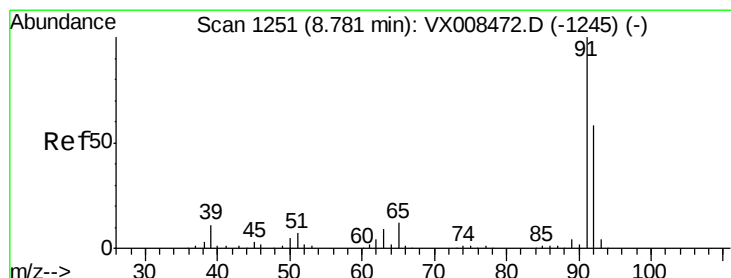
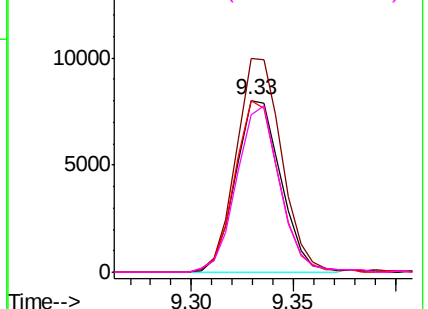
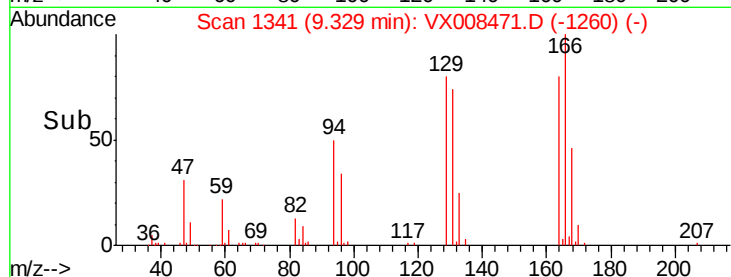
Abundance

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: 6.171 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008471.D

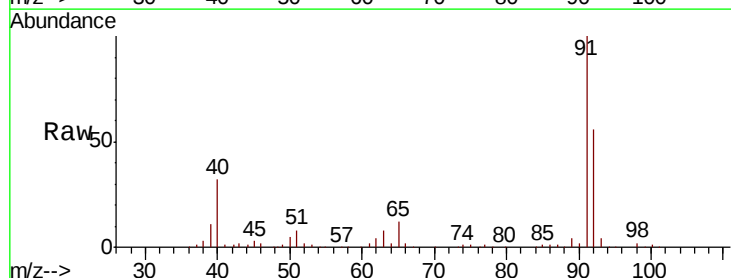
Acq: 27 Mar 2019 10:07

Tgt Ion: 91 Resp: 67516

Ion Ratio Lower Upper

91 100

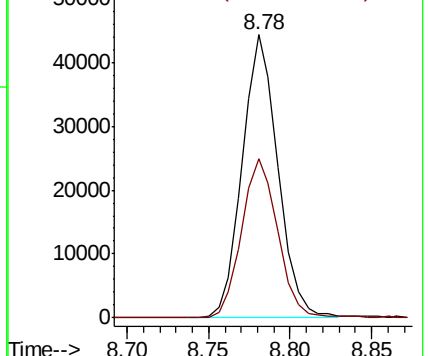
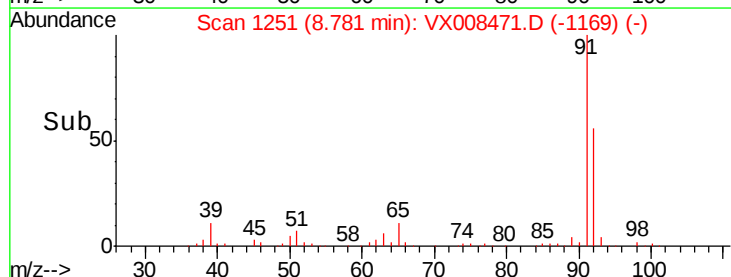
92 57.0 46.4 69.6

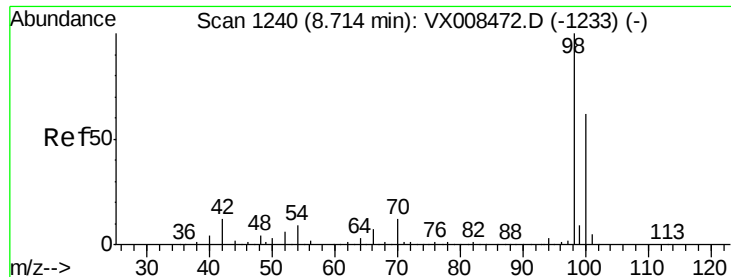


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.934 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

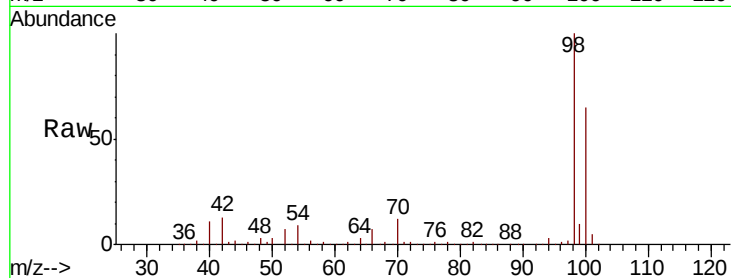
VSTDIC005

Tgt Ion: 98 Resp: 296582

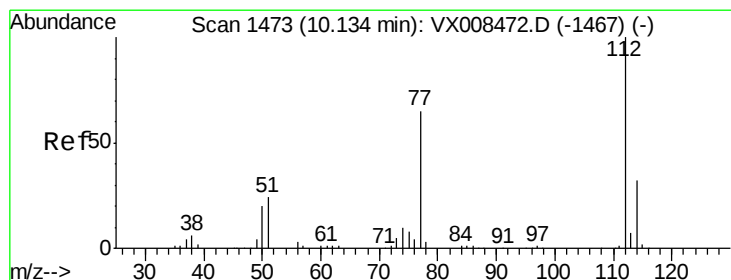
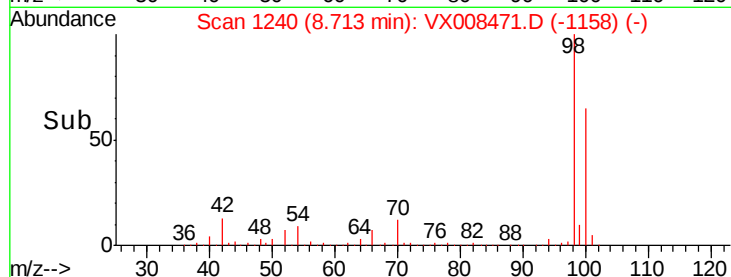
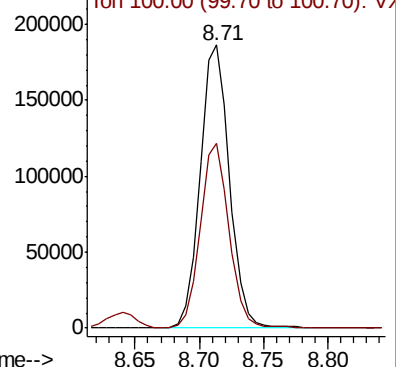
Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX008471.D (-1158) (-)



#64

Chlorobenzene

Concen: 5.402 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008471.D

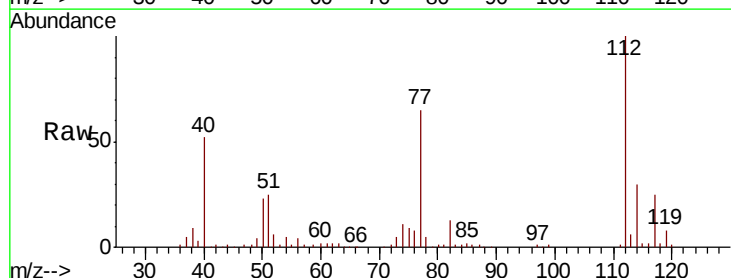
Acq: 27 Mar 2019 10:07

Tgt Ion: 112 Resp: 38106

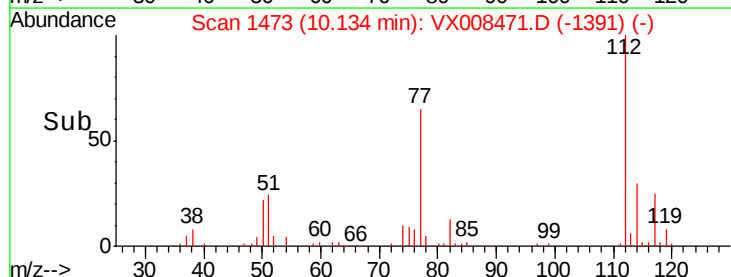
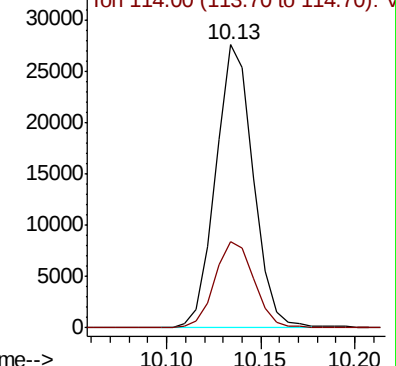
Ion Ratio Lower Upper

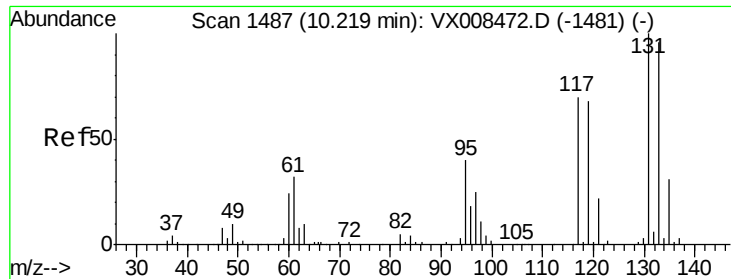
112 100

114 30.3 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX008471.D (-1391) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 4.793 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

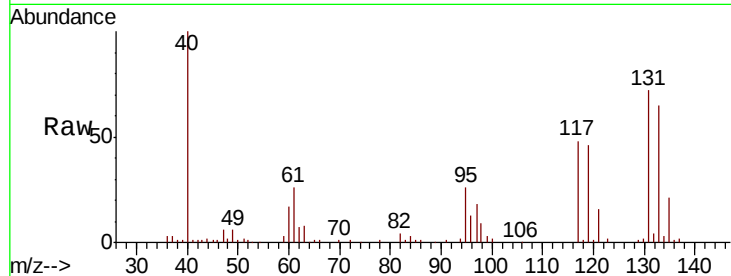
Tgt Ion: 131 Resp: 12912

Ion Ratio Lower Upper

131 100

133 93.7 0.0 191.6

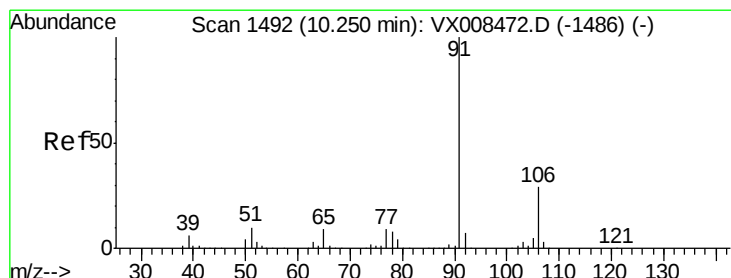
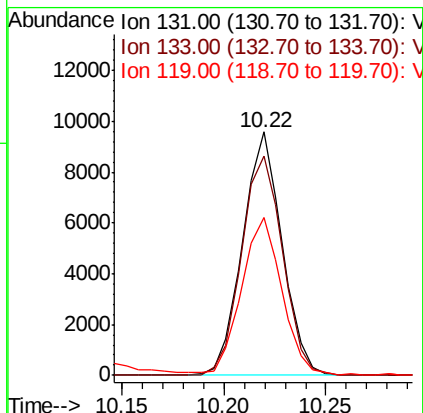
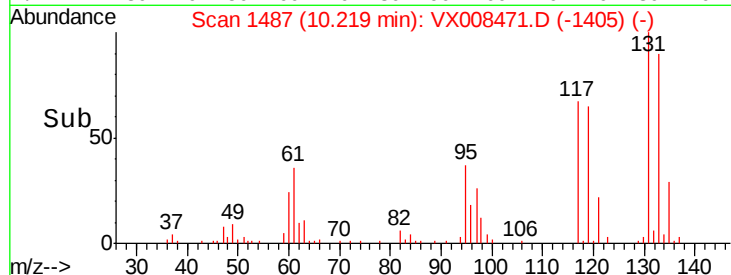
119 66.0 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 6.097 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008471.D

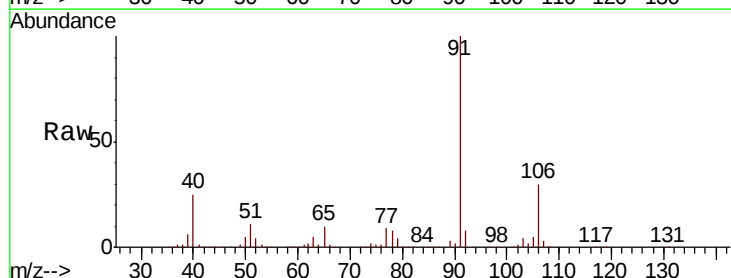
Acq: 27 Mar 2019 10:07

Tgt Ion: 91 Resp: 72151

Ion Ratio Lower Upper

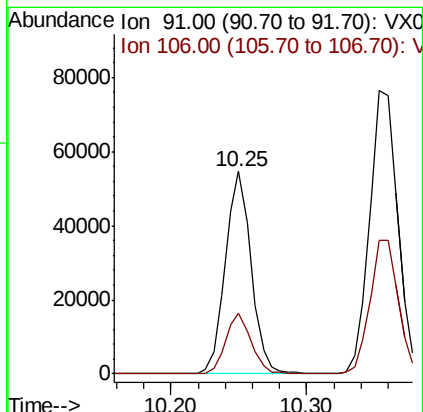
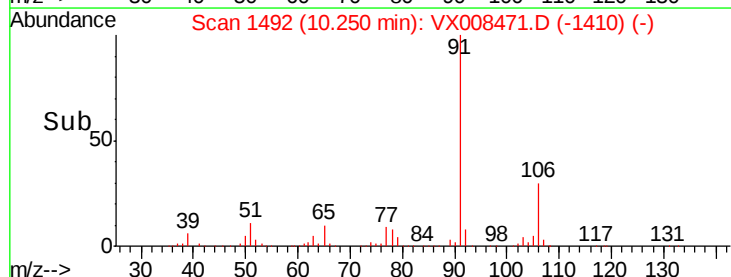
91 100

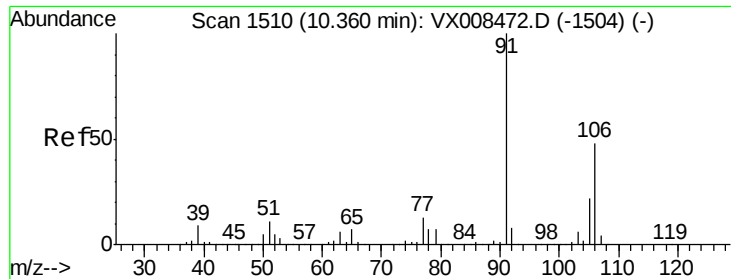
106 30.3 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

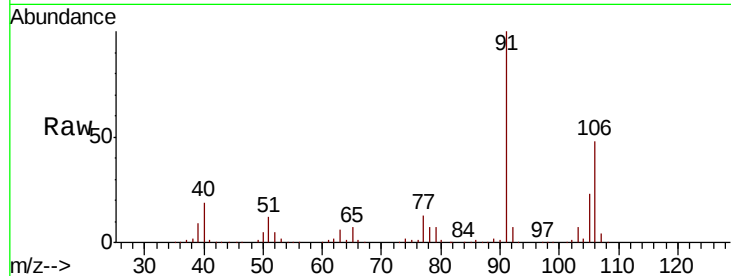




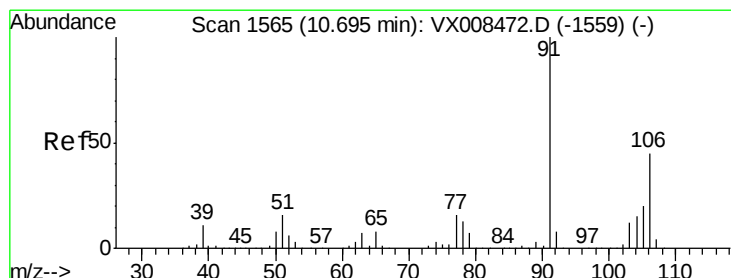
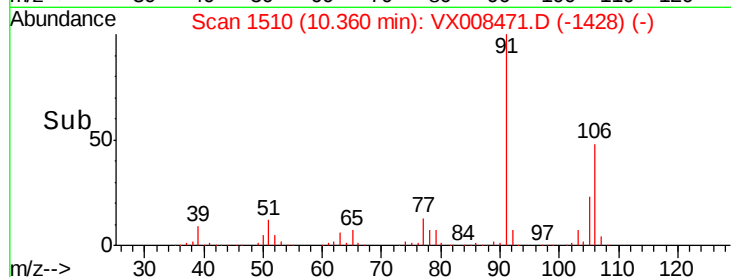
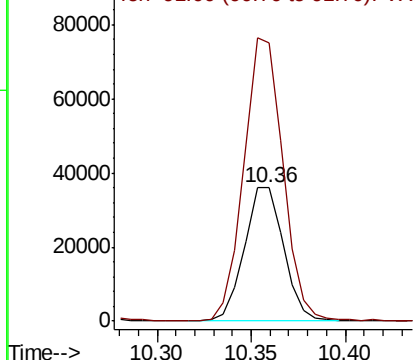
#67
m/p-Xylenes
Concen: 11.057 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 52000
Ion Ratio Lower Upper
106 100
91 212.7 157.0 235.4

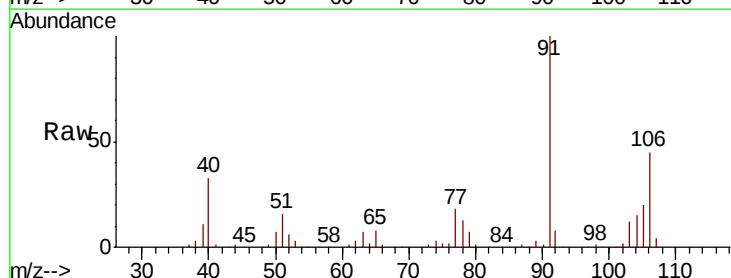


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

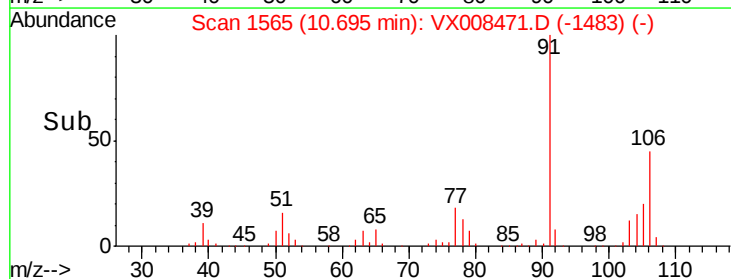
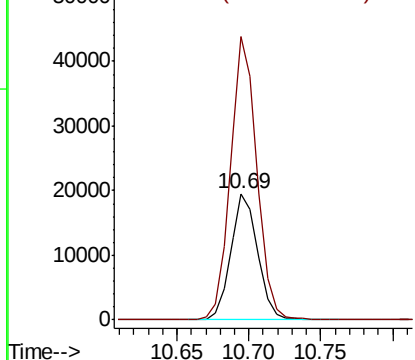


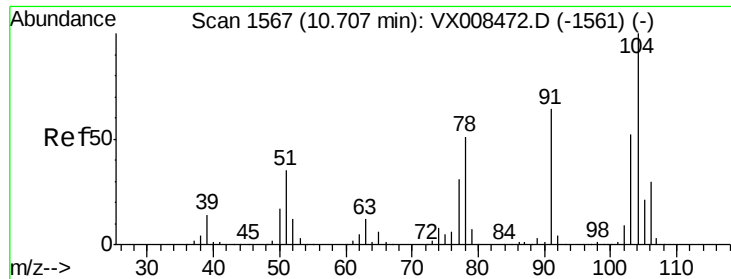
#68
o-Xylene
Concen: 5.671 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion:106 Resp: 25623
Ion Ratio Lower Upper
106 100
91 220.6 104.4 313.2



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

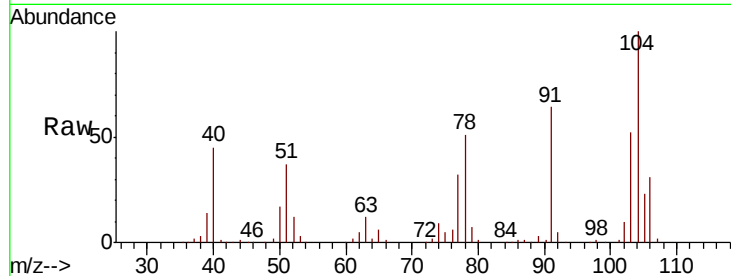




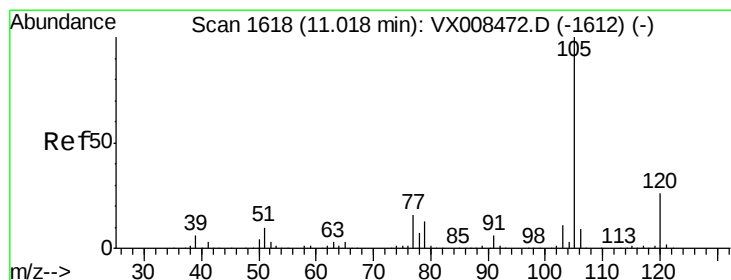
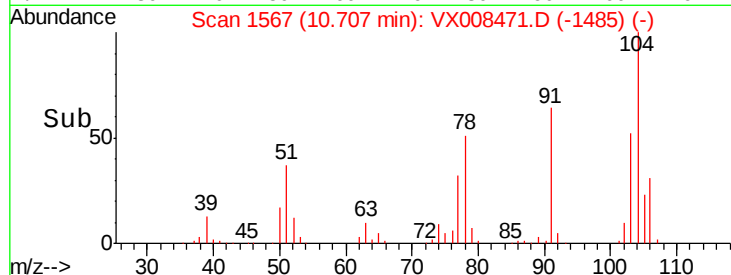
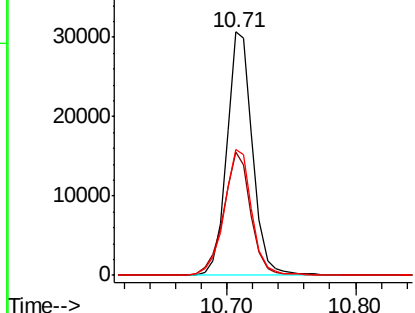
#69
Styrene
Concen: 5.606 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 42759
Ion Ratio Lower Upper
104 100
78 53.9 38.2 57.2
103 55.5 45.0 67.4

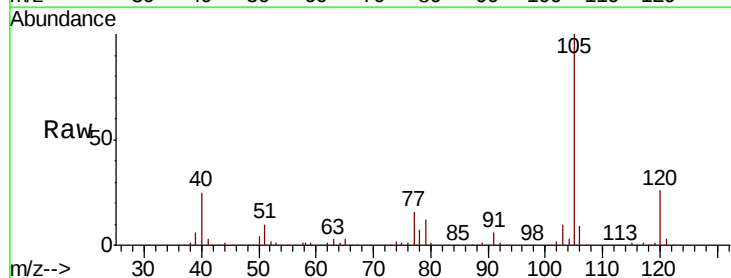


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

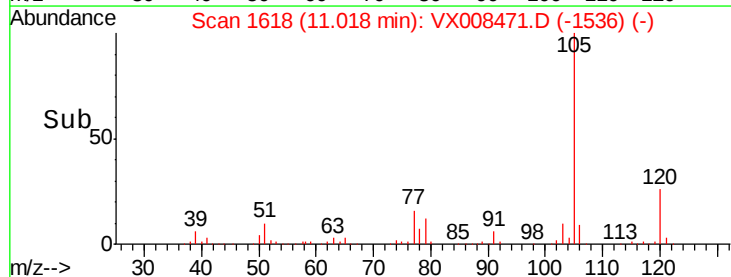
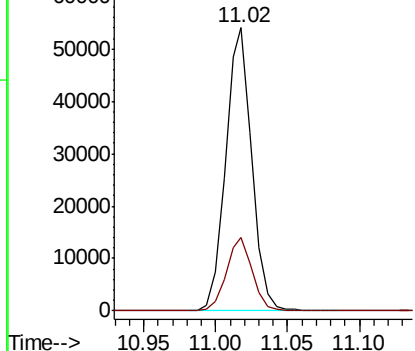


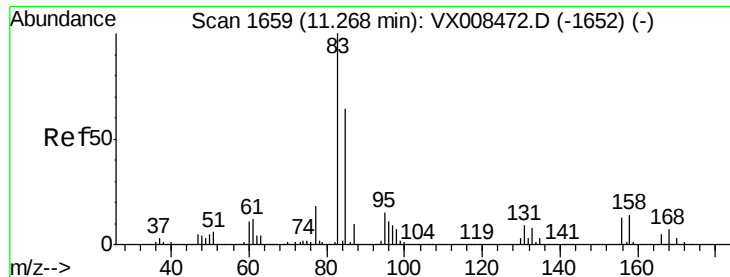
#70
Isopropylbenzene
Concen: 5.785 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion:105 Resp: 68769
Ion Ratio Lower Upper
105 100
120 25.6 19.8 36.8



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

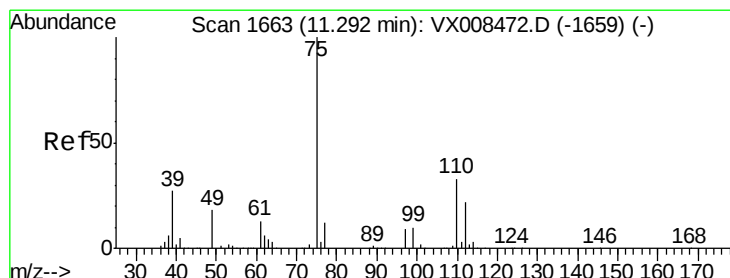
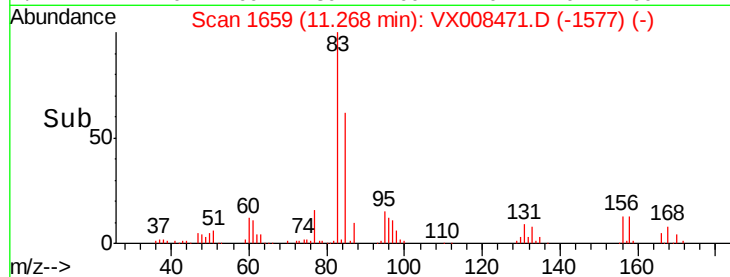
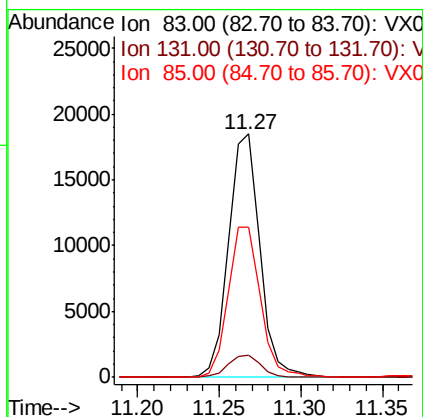
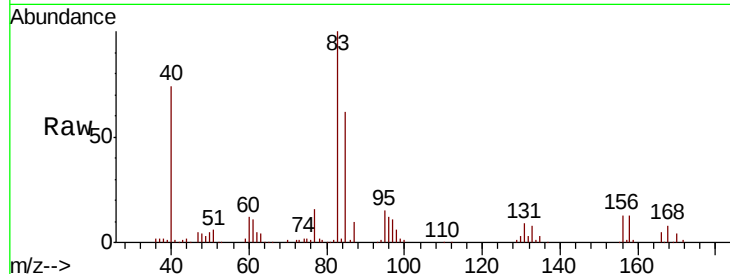




#71
 1,1,2,2-Tetrachloroethane
 Concen: 6.102 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

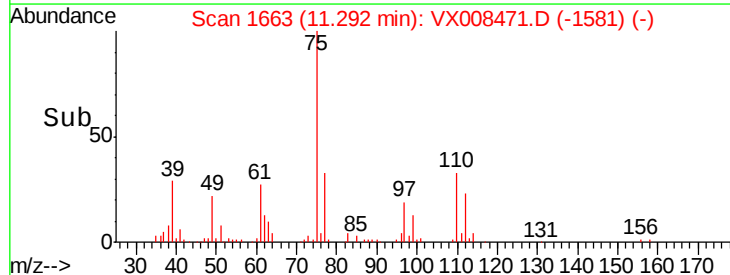
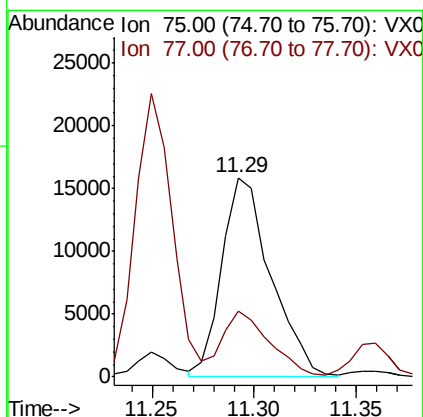
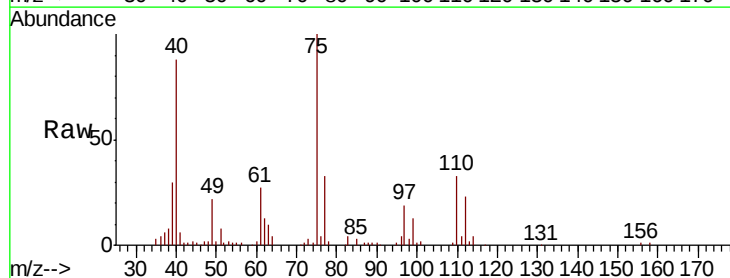
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

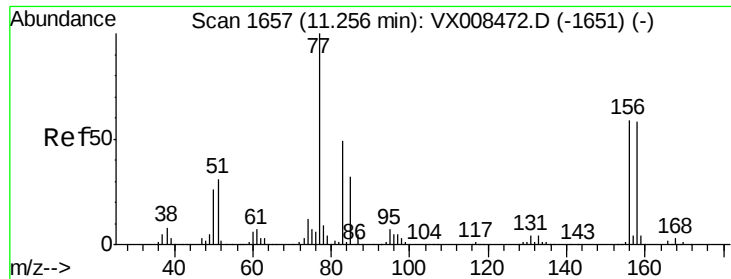
Tgt Ion: 83 Resp: 24734
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.4 16.2
 85 63.7 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 8.151 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 75 Resp: 26614
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 76.4





#73

Bromobenzene

Concen: 4.742 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

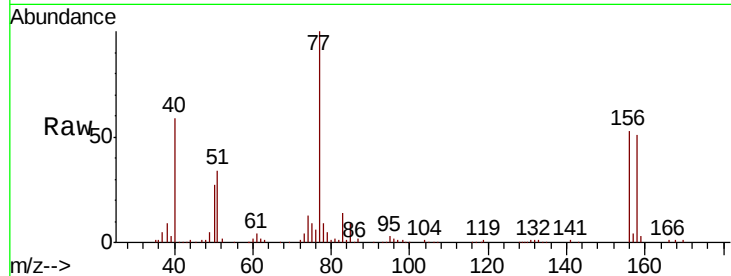
Tgt Ion:156 Resp: 15597

Ion Ratio Lower Upper

156 100

77 183.4 0.0 271.4

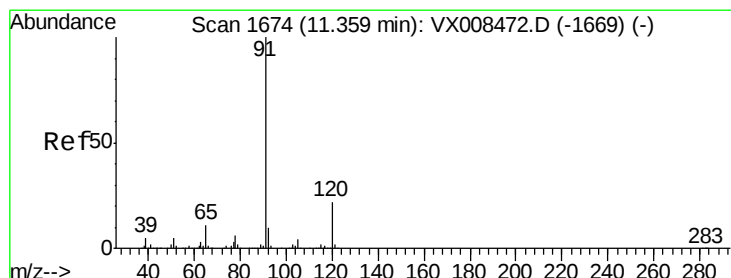
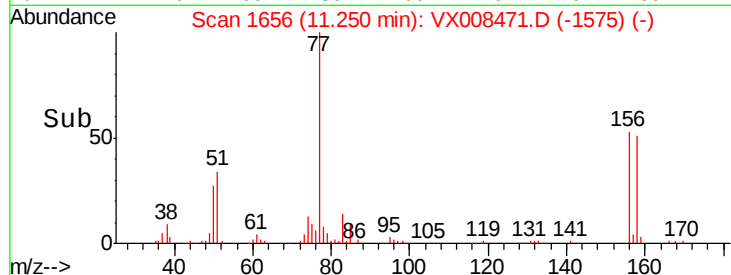
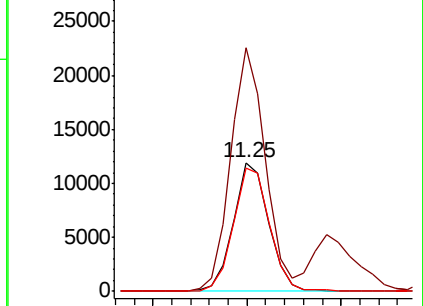
158 97.7 0.0 194.0



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: 6.018 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008471.D

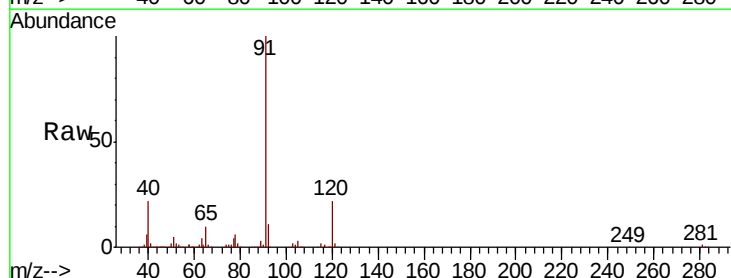
Acq: 27 Mar 2019 10:07

Tgt Ion: 91 Resp: 79733

Ion Ratio Lower Upper

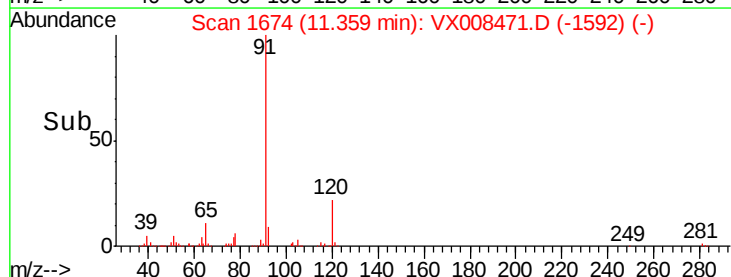
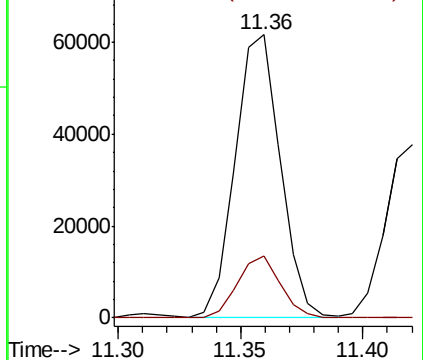
91 100

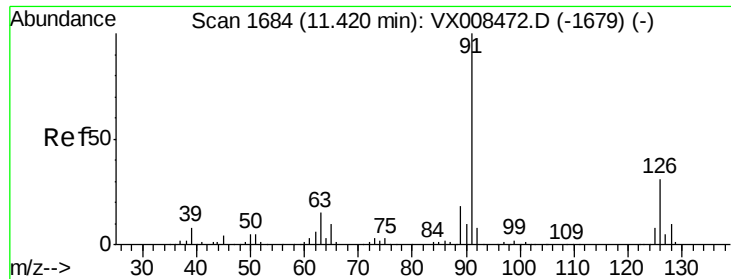
120 20.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 6.067 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

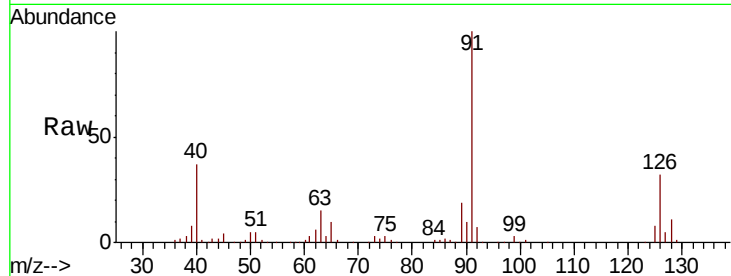
VSTDIC005

Tgt Ion: 91 Resp: 48009

Ion Ratio Lower Upper

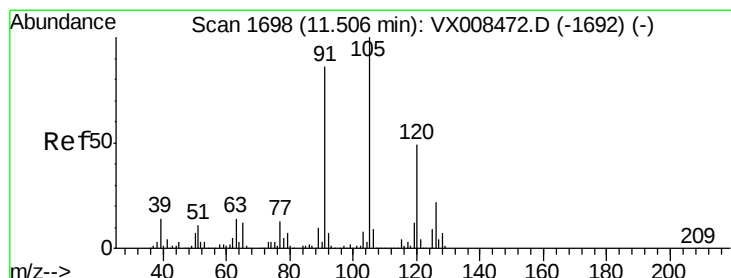
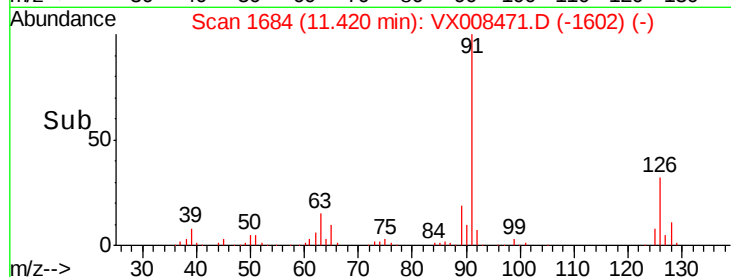
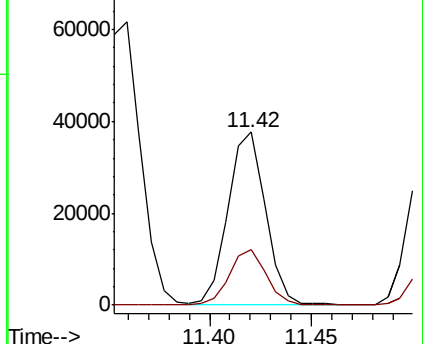
91 100

126 31.8 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 5.672 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008471.D

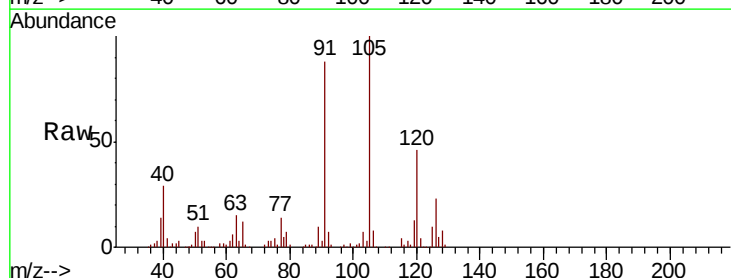
Acq: 27 Mar 2019 10:07

Tgt Ion: 105 Resp: 57595

Ion Ratio Lower Upper

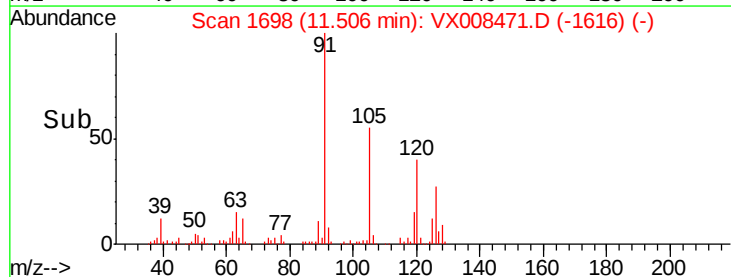
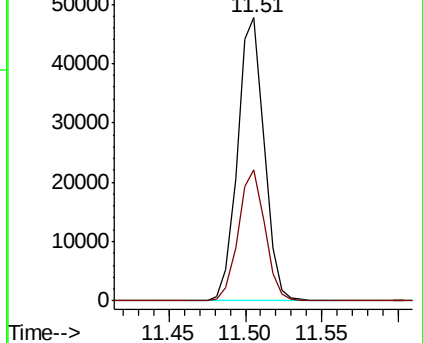
105 100

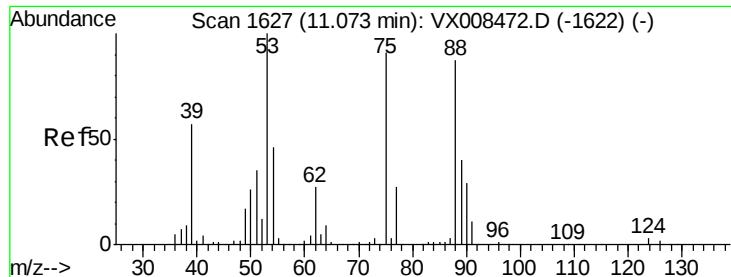
120 46.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 5.303 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008471.D

Acq: 27 Mar 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

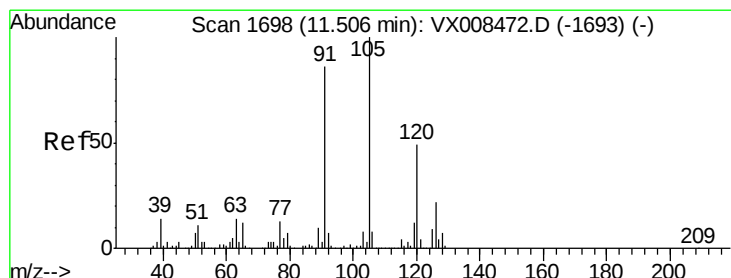
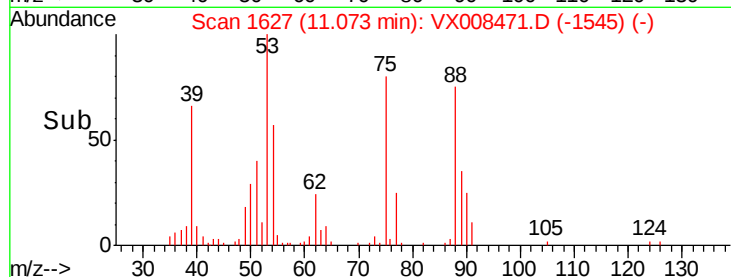
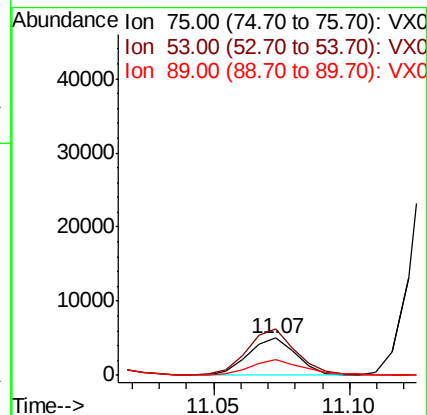
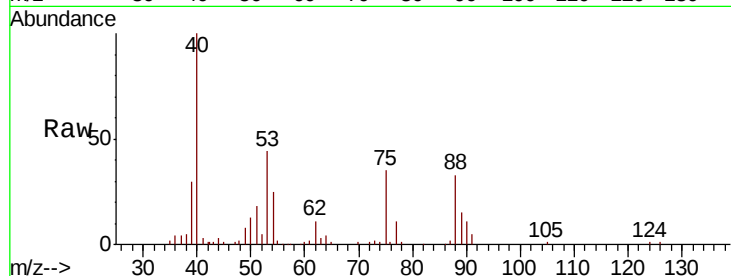
Tgt Ion: 75 Resp: 6134

Ion Ratio Lower Upper

75 100

53 123.5 55.5 166.7

89 43.5 24.4 73.2



#78

4-Chlorotoluene

Concen: 5.880 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008471.D

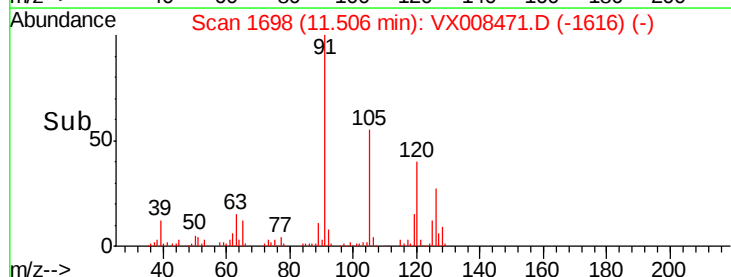
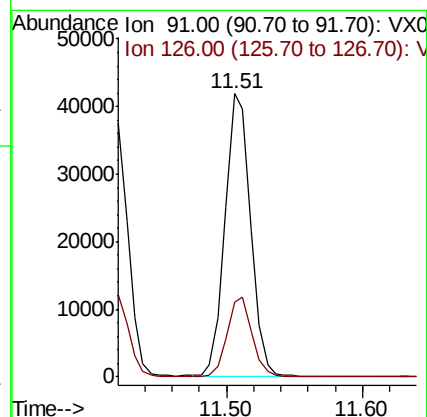
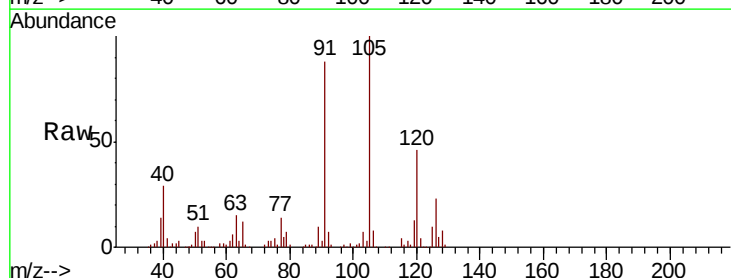
Acq: 27 Mar 2019 10:07

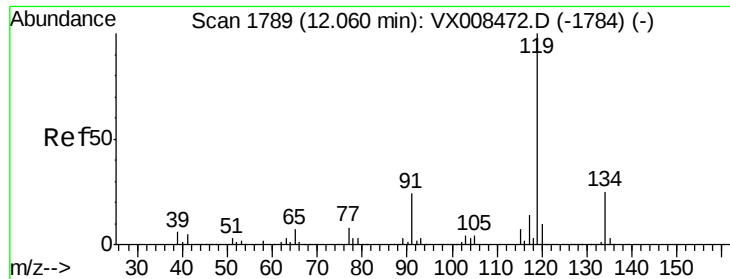
Tgt Ion: 91 Resp: 54760

Ion Ratio Lower Upper

91 100

126 27.3 0.0 66.2

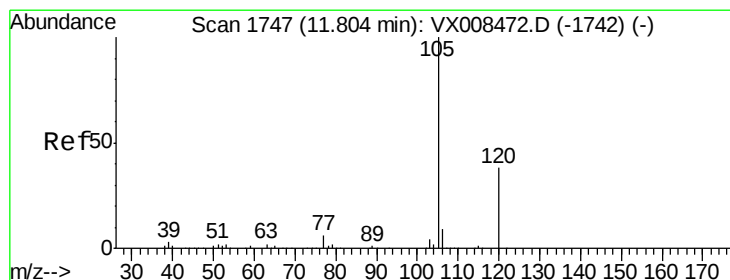
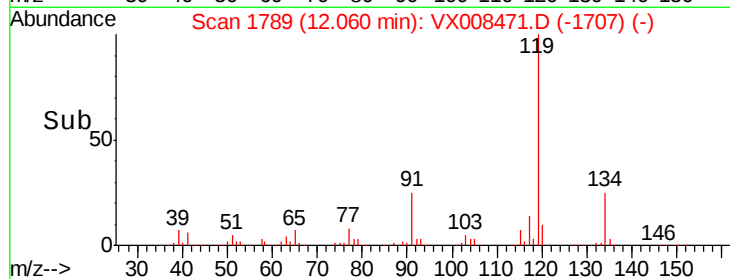
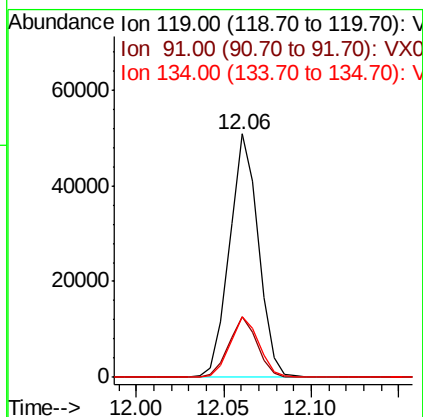
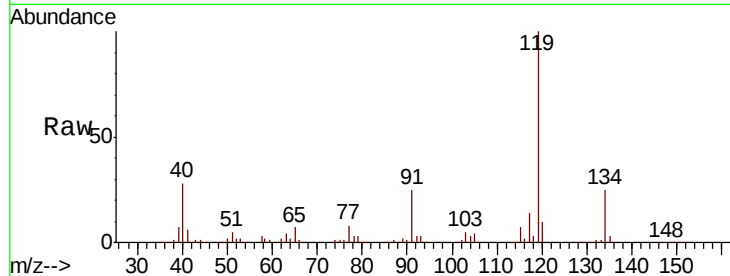




#79
tert-butylbenzene
Concen: 5.473 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

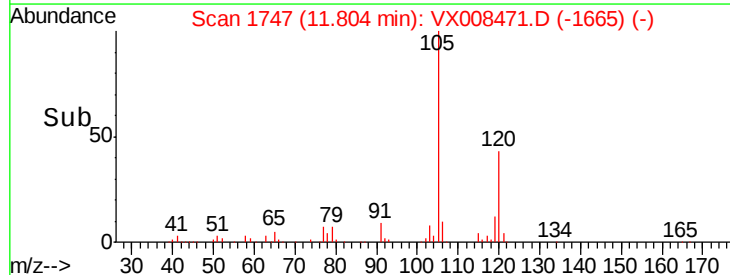
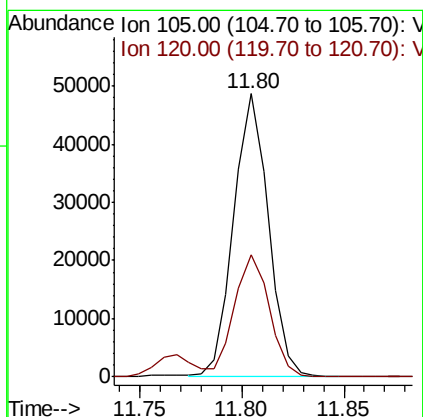
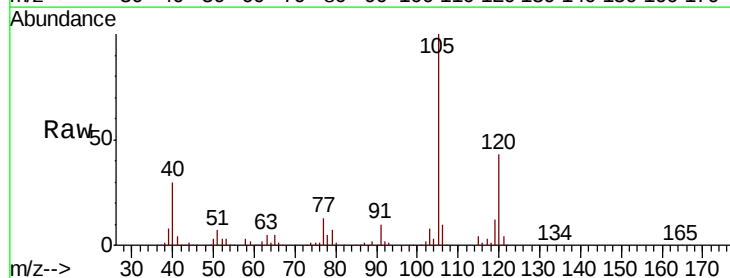
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

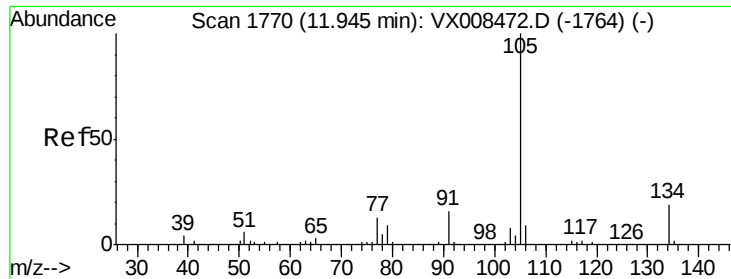
Tgt Ion:119 Resp: 58460
Ion Ratio Lower Upper
119 100
91 24.2 0.0 45.0
134 24.8 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 5.681 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion:105 Resp: 57323
Ion Ratio Lower Upper
105 100
120 43.1 0.0 94.0

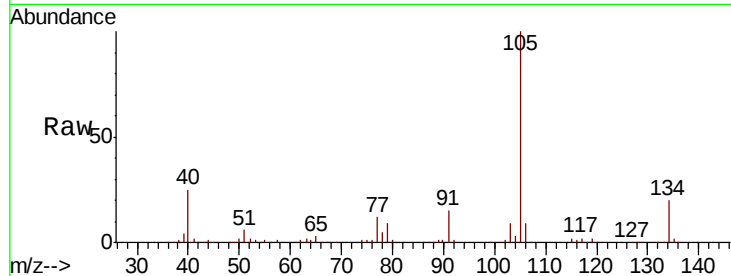




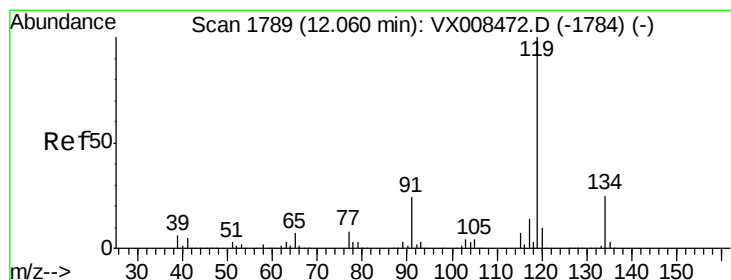
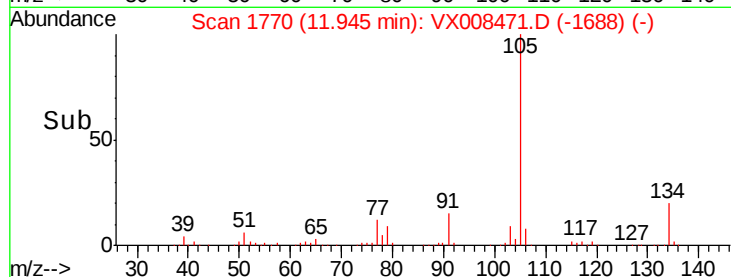
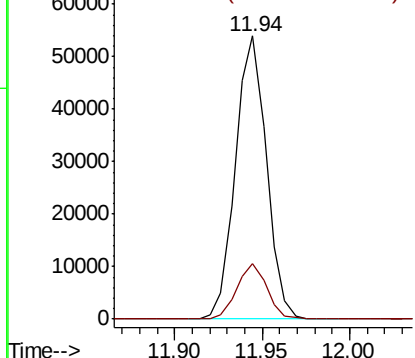
#81
 sec-Butylbenzene
 Concen: 5.741 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 66501
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.8

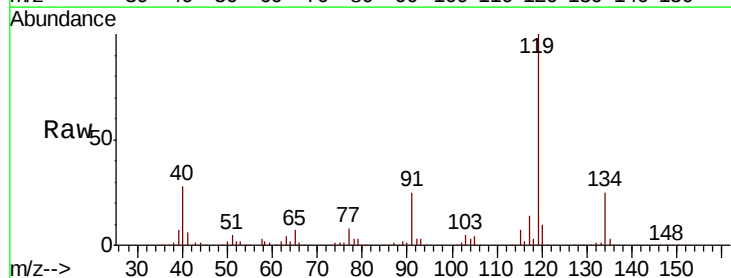


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

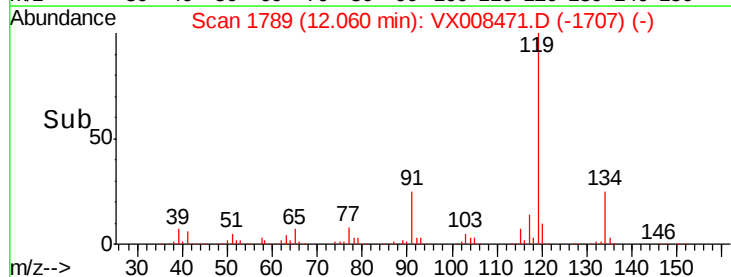
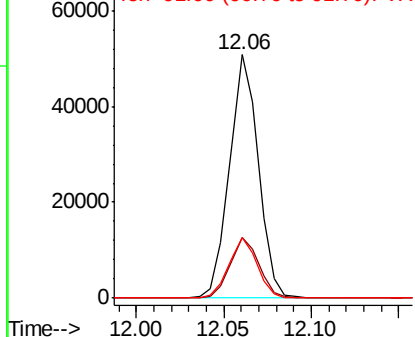


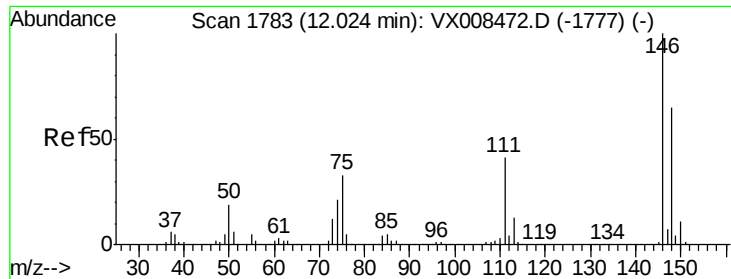
#82
 p-Isopropyltoluene
 Concen: 5.473 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion:119 Resp: 58460
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 55.4
 91 24.2 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

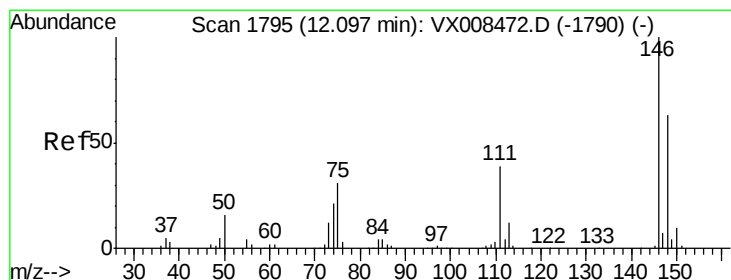
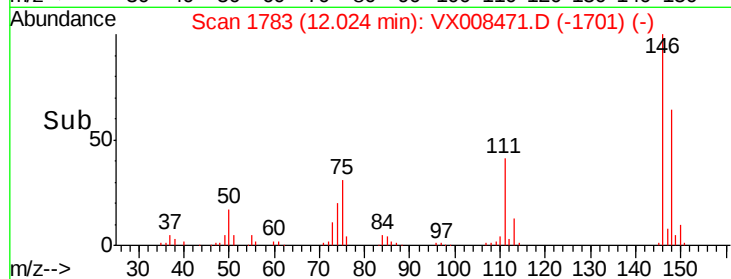
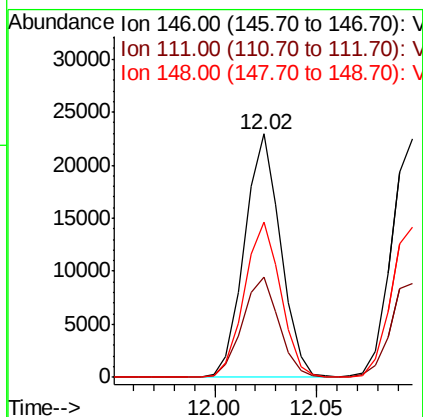
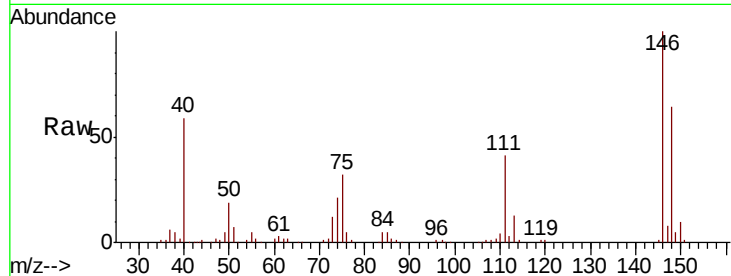




#83
 1,3-Dichlorobenzene
 Concen: 4.943 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

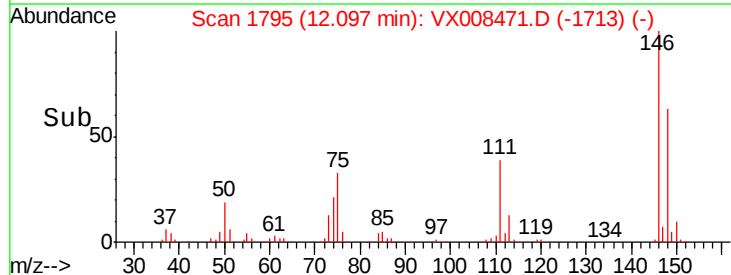
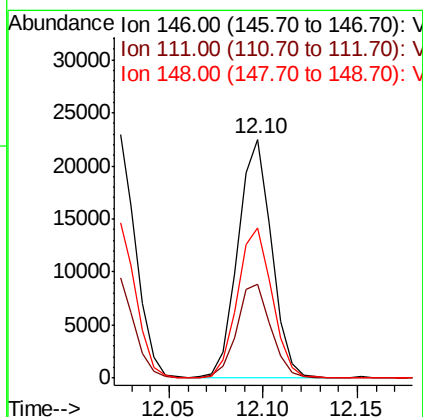
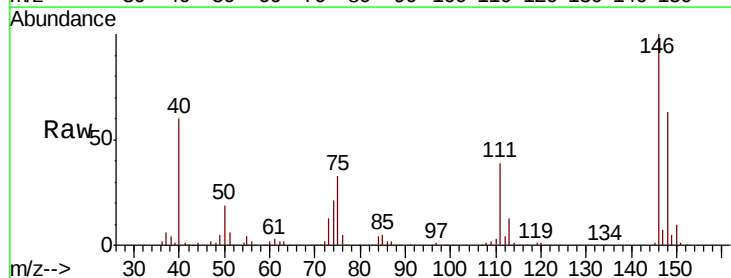
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

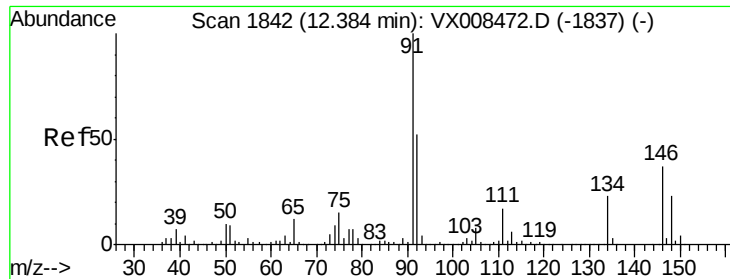
Tgt Ion:146 Resp: 28215
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.8 56.3
 148 63.6 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 4.930 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion:146 Resp: 28023
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.6 52.8
 148 64.7 31.4 94.2

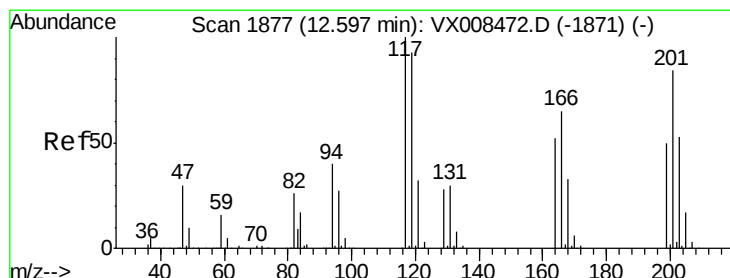
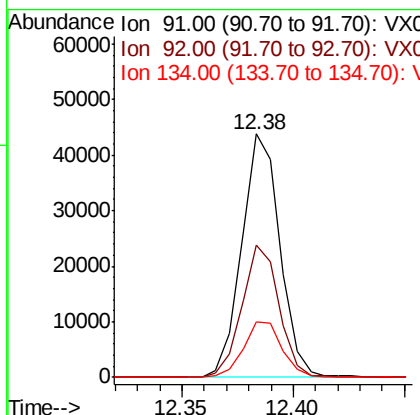
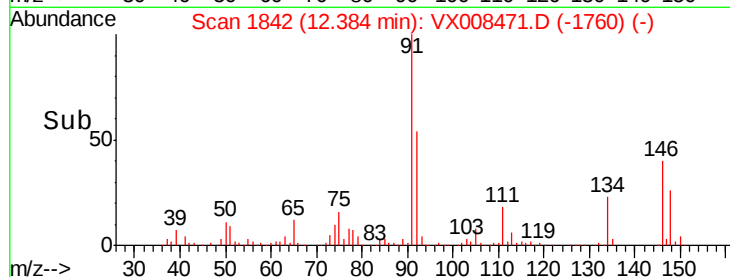
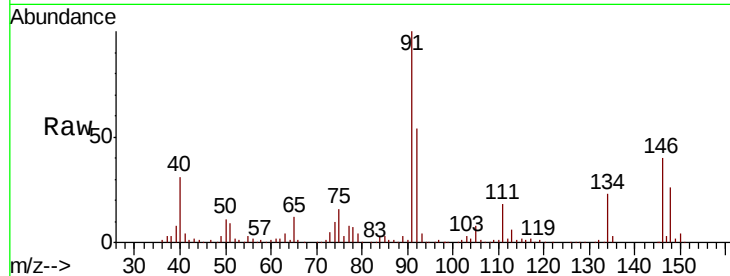




#85
n-Butylbenzene
Concen: 5.703 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

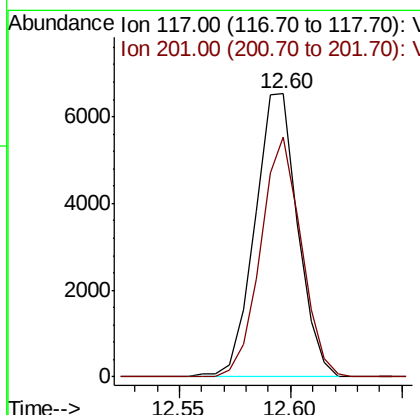
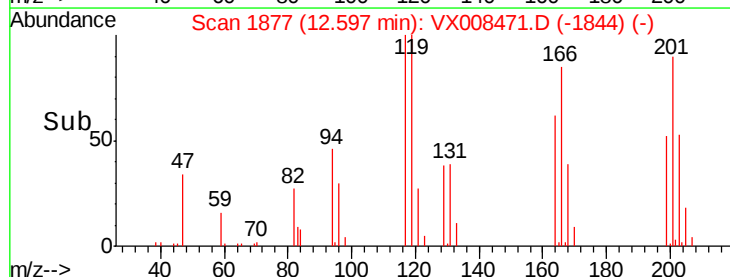
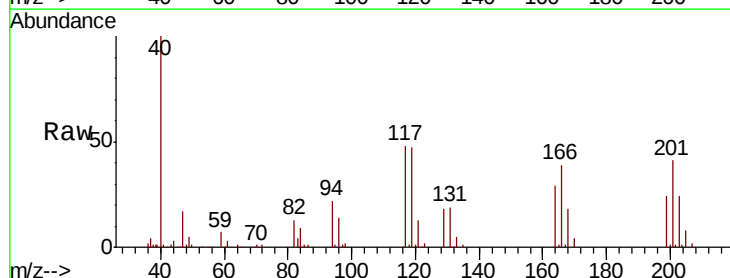
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

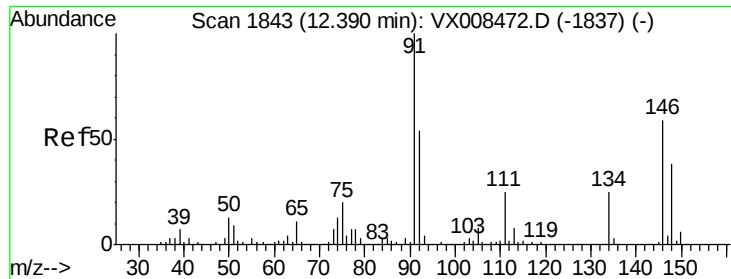
Tgt Ion: 91 Resp: 52399
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.2
134 23.4 0.0 56.4



#86
Hexachloroethane
Concen: 4.751 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion: 117 Resp: 8746
Ion Ratio Lower Upper
117 100
201 80.2 41.1 123.3

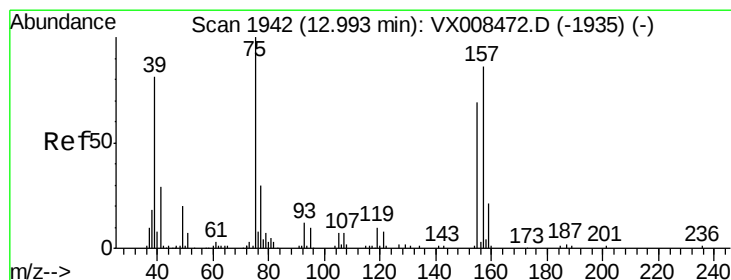
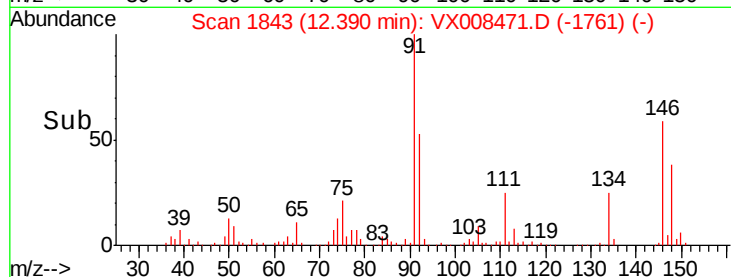
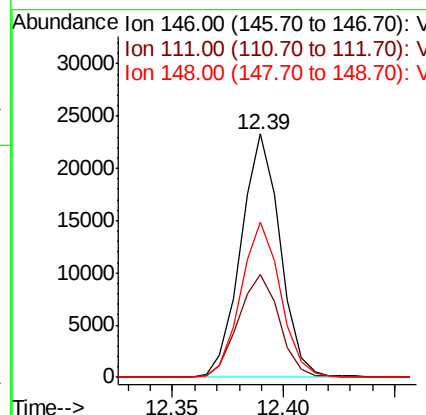
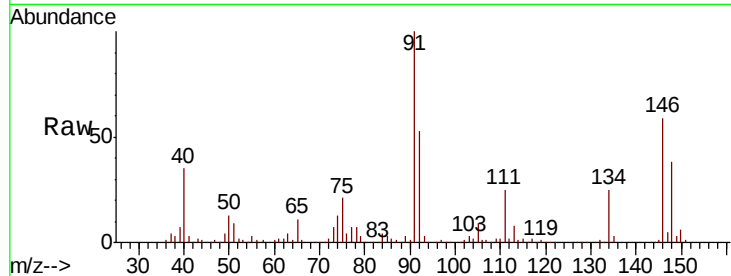




#87
 1,2-Dichlorobenzene
 Concen: 5.099 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

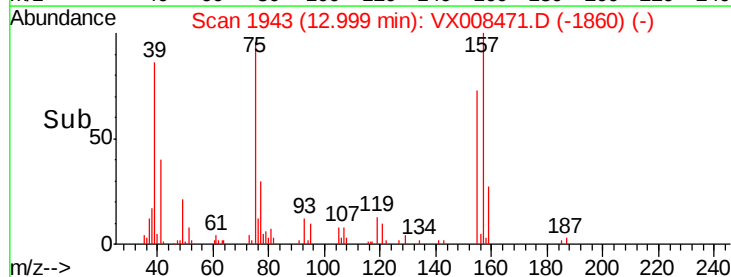
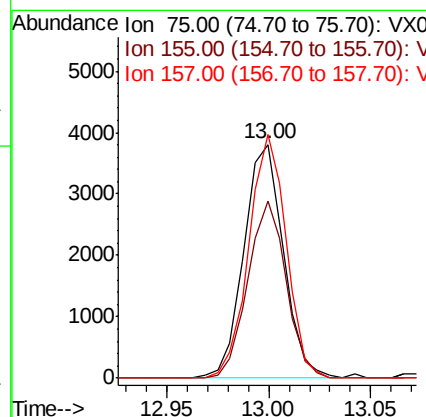
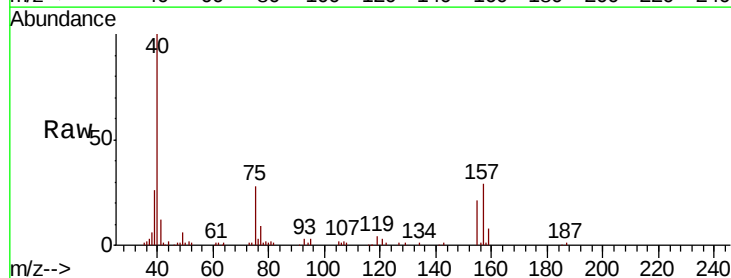
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

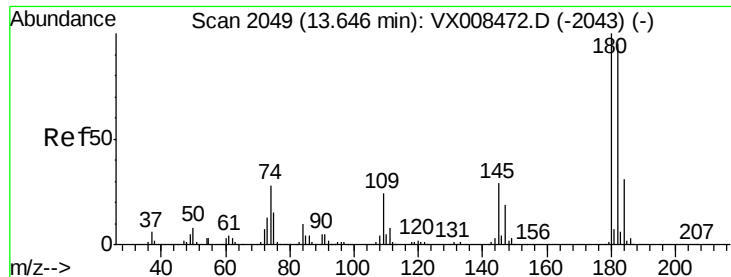
Tgt Ion:146 Resp: 28705
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.3 57.8
 148 64.5 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.523 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion: 75 Resp: 5125
 Ion Ratio Lower Upper
 75 100
 155 73.5 81.0 121.6#
 157 98.3 103.2 154.8#

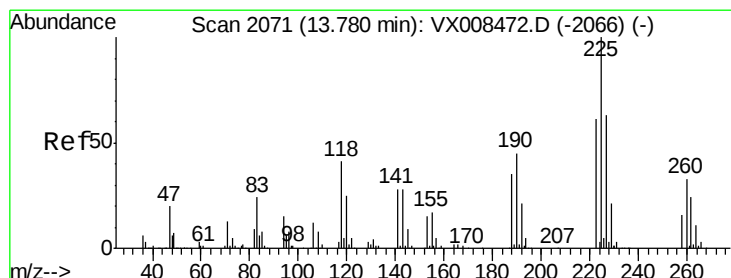
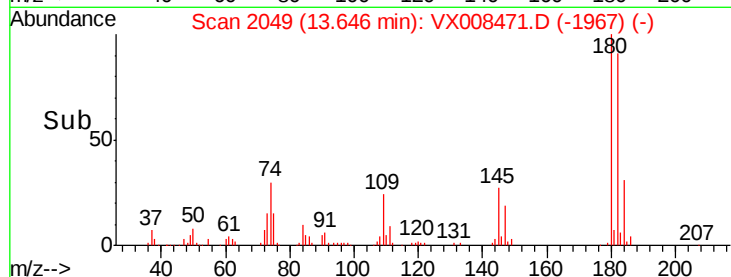
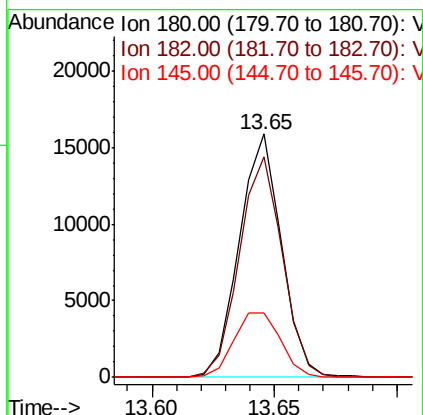
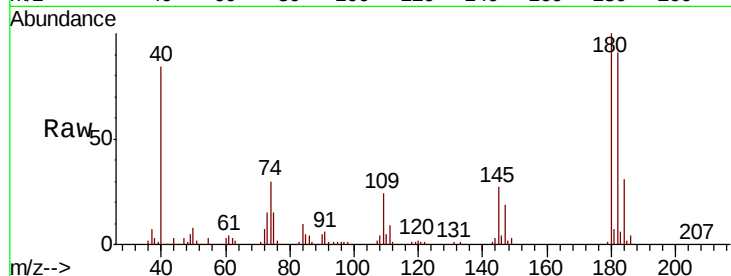




#89
 1,2,4-Trichlorobenzene
 Concen: 4.762 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

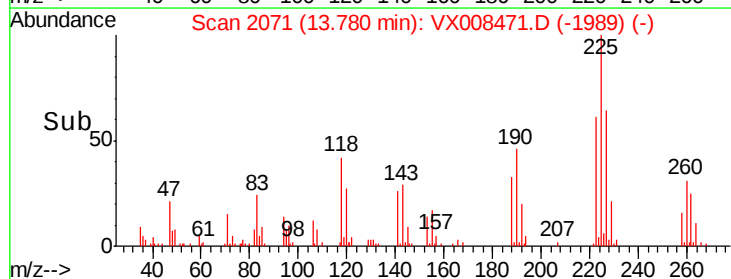
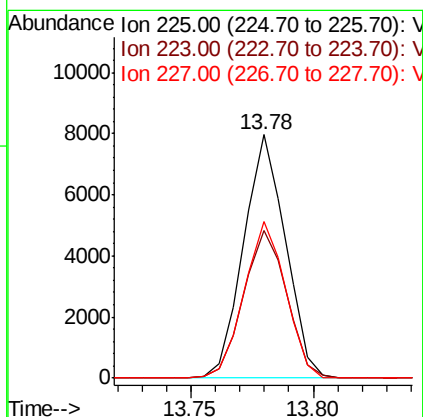
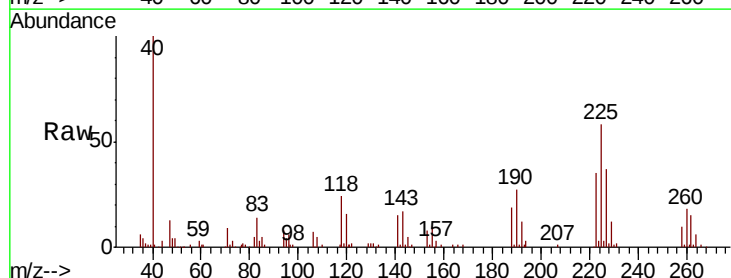
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

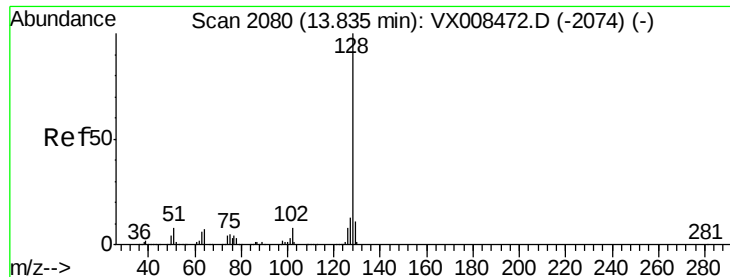
Tgt Ion:180 Resp: 18973
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.6 113.4
 145 29.9 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 4.765 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008471.D
 Acq: 27 Mar 2019 10:07

Tgt Ion:225 Resp: 9557
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 123.8
 227 63.6 0.0 124.4

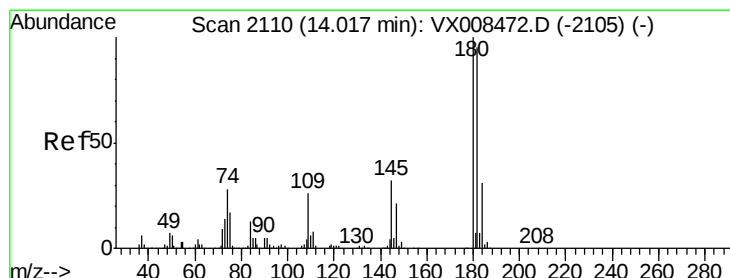
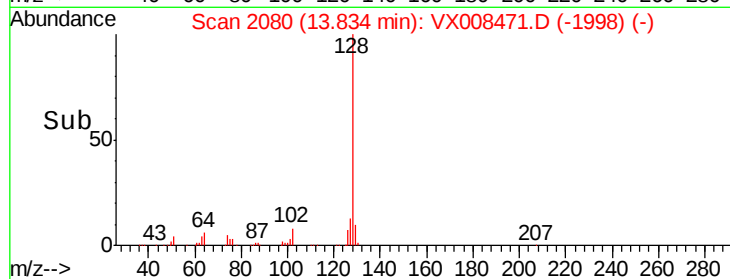
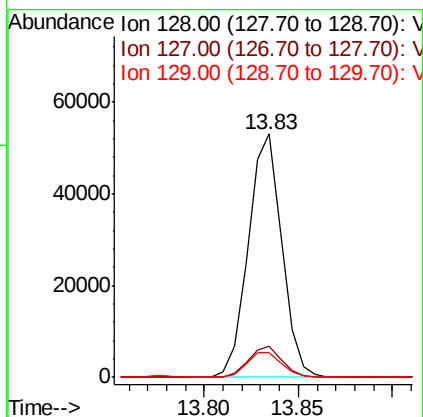
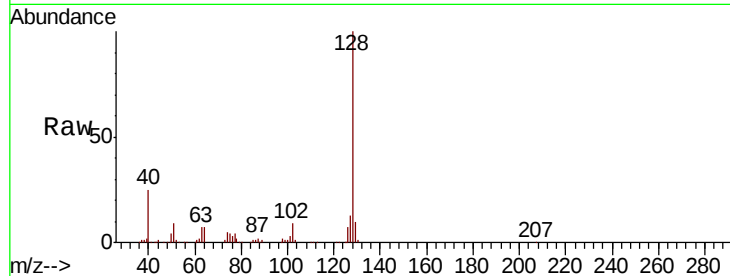




#91
Naphthalene
Concen: 5.460 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 65339
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 4.913 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008471.D
Acq: 27 Mar 2019 10:07

Tgt Ion:180 Resp: 19790
Ion Ratio Lower Upper
180 100
182 95.5 0.0 193.0
145 33.4 0.0 63.0

