

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080618\
 Data File : VW004480.D
 Acq On : 06 Aug 2018 20:01
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 07 07:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	794597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1223896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1139600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	601591	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	590258	72.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.64%	
35) Dibromofluoromethane	7.88	113	566337	72.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.16%	
50) Toluene-d8	10.33	98	2198061	71.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.44%	
62) 4-Bromofluorobenzene	12.62	95	809567	74.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	377317	117.170	ug/l	97
3) Chloromethane	2.22	50	518961	102.143	ug/l	99
4) Vinyl Chloride	2.37	62	705506	85.783	ug/l	98
5) Bromomethane	2.78	94	411931	77.865	ug/l	98
6) Chloroethane	2.92	64	433512	84.363	ug/l	99
7) Trichlorofluoromethane	3.25	101	264157	58.218	ug/l	95
8) Diethyl Ether	3.67	74	324586	75.921	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	582253	72.078	ug/l	99
10) Methyl Iodide	4.27	142	885668	73.625	ug/l	100
11) Tert butyl alcohol	5.20	59	174704	299.888	ug/l	99
12) 1,1-Dichloroethene	4.03	96	585323	72.866	ug/l	98
13) Acrolein	3.89	56	200014	372.515	ug/l	96
14) Allyl chloride	4.66	41	905093	71.126	ug/l	99
15) Acrylonitrile	5.37	53	754588	404.934	ug/l	99
16) Acetone	4.13	43	715320	386.645	ug/l	100
17) Carbon Disulfide	4.38	76	1896897	76.323	ug/l	99
18) Methyl Acetate	4.67	43	366091	75.691	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	825062	59.738	ug/l	97
20) Methylene Chloride	4.92	84	679464	76.006	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	640546	74.241	ug/l	97
22) Diisopropyl ether	6.31	45	1918588	78.602	ug/l	99
23) Vinyl Acetate	6.26	43	5895563	412.687	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1172026	74.305	ug/l	99
25) 2-Butanone	7.18	43	1228137	510.693	ug/l	100
26) 2,2-Dichloropropane	7.17	77	579845	65.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	702317	79.526	ug/l	100
28) Bromochloromethane	7.51	49	528047	92.025	ug/l	99
29) Tetrahydrofuran	7.53	42	660961	446.989	ug/l	99
30) Chloroform	7.68	83	1135120	75.510	ug/l	100
31) Cyclohexane	7.96	56	1104673	78.913	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	851580	69.987	ug/l	99
36) 1,1-Dichloropropene	8.08	75	932185	75.276	ug/l	100
37) Ethyl Acetate	7.26	43	427808	83.339	ug/l	99
38) Carbon Tetrachloride	8.07	117	821998	68.038	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1188687	78.999	ug/l	99
40) Benzene	8.32	78	2687811	76.806	ug/l	99
41) Methacrylonitrile	7.49	41	251924	85.764	ug/l	98
42) 1,2-Dichloroethane	8.40	62	725412	72.898	ug/l	100
43) Isopropyl Acetate	8.43	43	778692	84.479	ug/l	99
44) Trichloroethene	9.09	130	663578	71.002	ug/l	98
45) 1,2-Dichloropropane	9.37	63	677476	77.990	ug/l	100
46) Dibromomethane	9.46	93	337565	75.910	ug/l	99
47) Bromodichloromethane	9.65	83	807424	72.520	ug/l	99
48) Methyl methacrylate	9.44	41	371966	79.877	ug/l	99
49) 1,4-Dioxane	9.46	88	109805	1624.878	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	2712699	505.430	ug/l	100
52) Toluene	10.39	92	1608338	73.722	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	831432	74.564	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	979460	75.288	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	473327	74.947	ug/l	99
56) Ethyl methacrylate	10.65	69	643257	83.793	ug/l	100
57) 1,3-Dichloropropane	10.94	76	835689	77.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1548168	440.634	ug/l	100
59) 2-Hexanone	10.98	43	1856153	505.338	ug/l	100
60) Dibromochloromethane	11.13	129	536112	71.499	ug/l	100
61) 1,2-Dibromoethane	11.24	107	452691	75.029	ug/l	100
64) Tetrachloroethene	10.87	164	552920	66.681	ug/l	98
65) Chlorobenzene	11.66	112	1751816	72.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	601280	70.952	ug/l	100
67) Ethyl Benzene	11.74	91	3123379	74.354	ug/l	99
68) m/p-Xylenes	11.85	106	2407447	149.349	ug/l	99
69) o-Xylene	12.17	106	1136982	76.276	ug/l	100
70) Styrene	12.19	104	1931576	76.405	ug/l	100
71) Bromoform	12.35	173	327344	69.084	ug/l #	100
73) Isopropylbenzene	12.47	105	3116314	74.262	ug/l	100
74) N-amyl acetate	12.28	43	760261	82.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	598842	79.620	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	782030	143.846	ug/l #	100
77) Bromobenzene	12.75	156	719545	71.266	ug/l	100
78) n-propylbenzene	12.81	91	3819144	74.864	ug/l	100
79) 2-Chlorotoluene	12.90	91	2138871	73.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	2621521	72.556	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	188585	78.670	ug/l	99
82) 4-Chlorotoluene	12.99	91	2250954	72.372	ug/l	100
83) tert-Butylbenzene	13.21	119	2253327	74.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2718444	73.603	ug/l	100
85) sec-Butylbenzene	13.39	105	3315401	75.445	ug/l	100
86) p-Isopropyltoluene	13.51	119	2917589	74.150	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1447590	71.232	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1432841	70.700	ug/l	100
89) n-Butylbenzene	13.83	91	2840319	76.581	ug/l	99
90) Hexachloroethane	14.10	117	518327	73.679	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1313729	72.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	98835	75.901	ug/l	99

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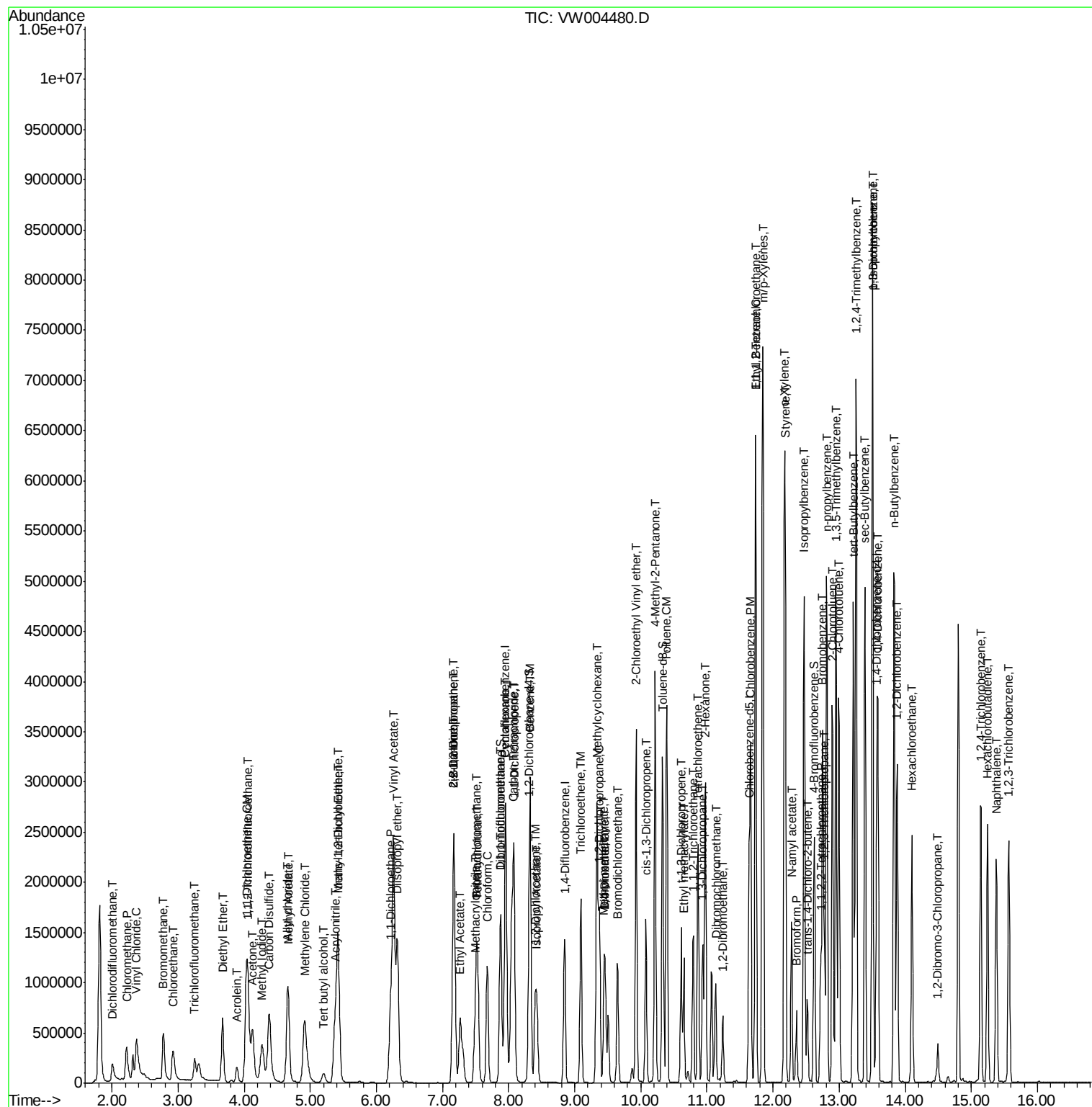
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	941135	73.652	ug/l	99
94) Hexachlorobutadiene	15.25	225	527306	67.885	ug/l	100
95) Naphthalene	15.38	128	1873450	83.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	846321	75.159	ug/l	99

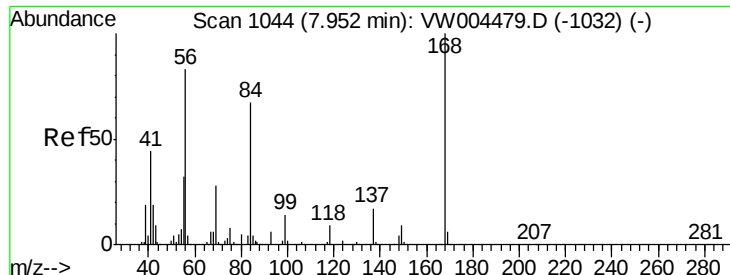
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

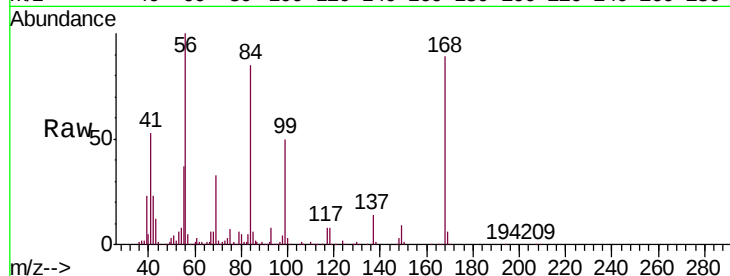
VSTDIC075

Tgt Ion:168 Resp: 794597

Ion Ratio Lower Upper

168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

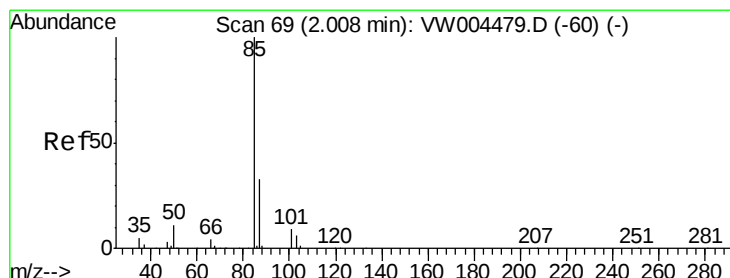
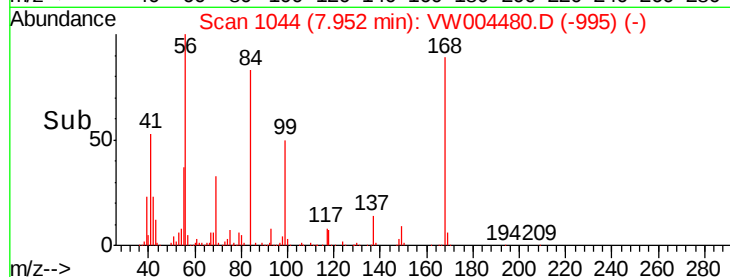
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 117.170 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004480.D

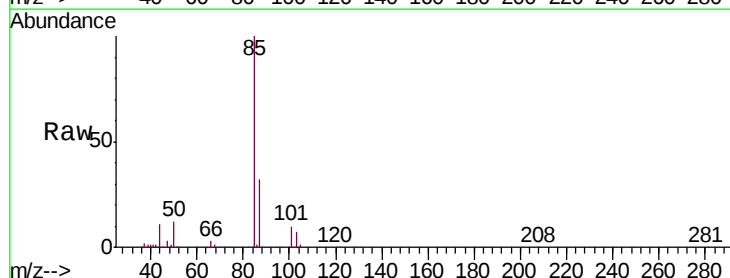
Acq: 06 Aug 2018 20:01

Tgt Ion: 85 Resp: 377317

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

120000

100000

80000

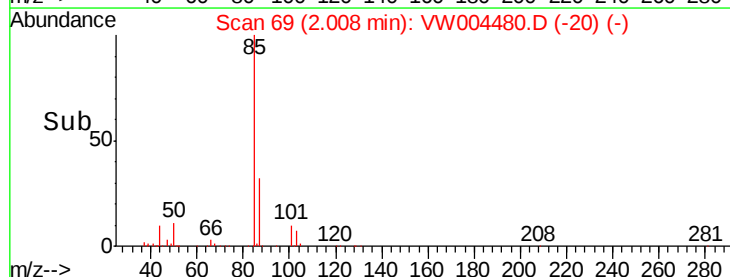
60000

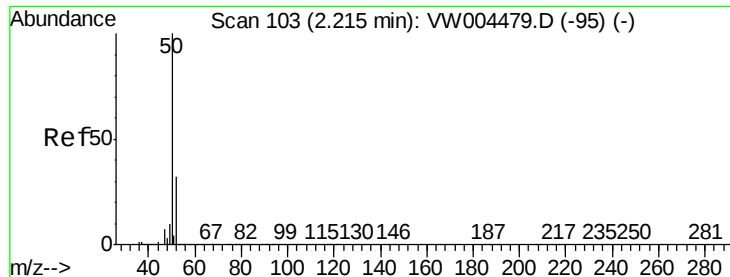
40000

20000

0

Time--> 1.80 2.00 2.20





#3

Chloromethane

Concen: 102.143 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

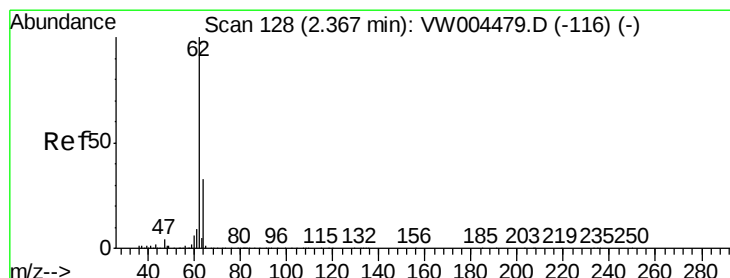
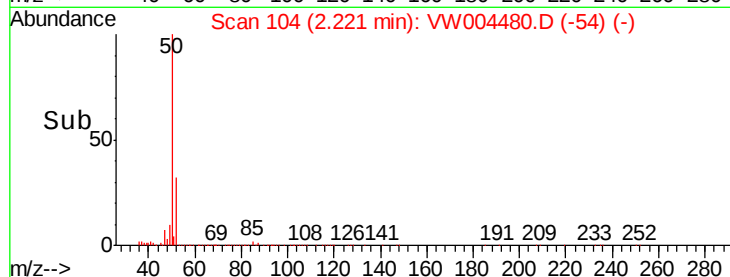
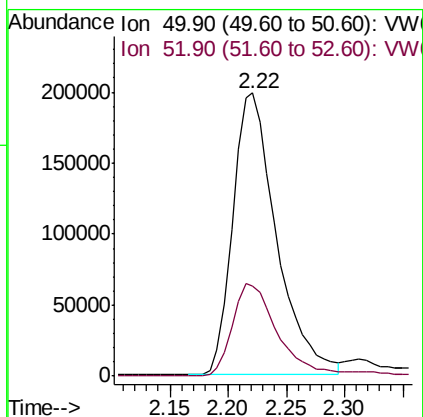
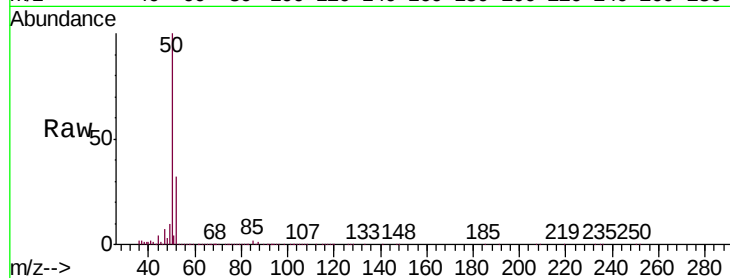
VSTDIC075

Tgt Ion: 50 Resp: 518961

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.8



#4

Vinyl Chloride

Concen: 85.783 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004480.D

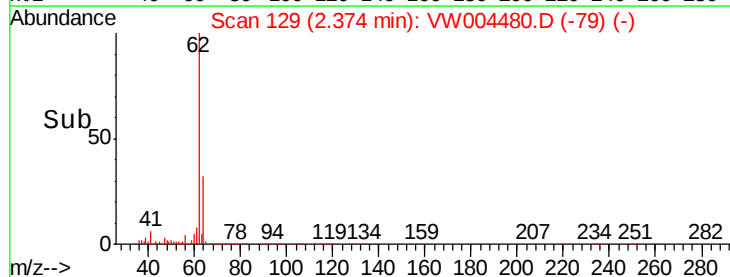
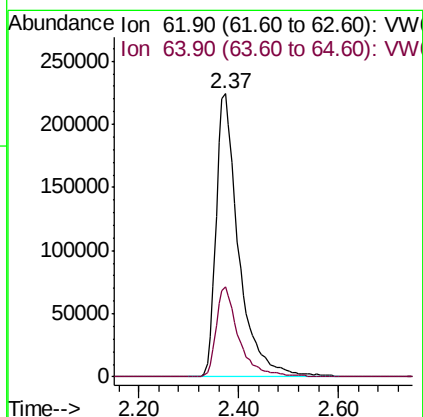
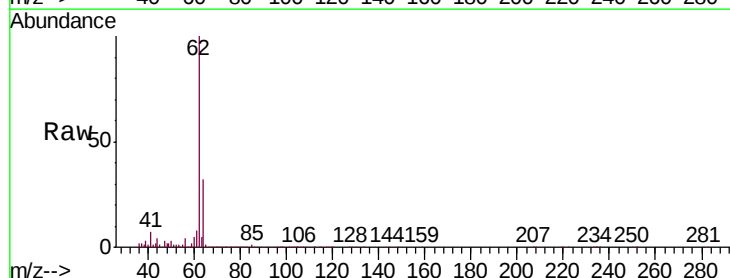
Acq: 06 Aug 2018 20:01

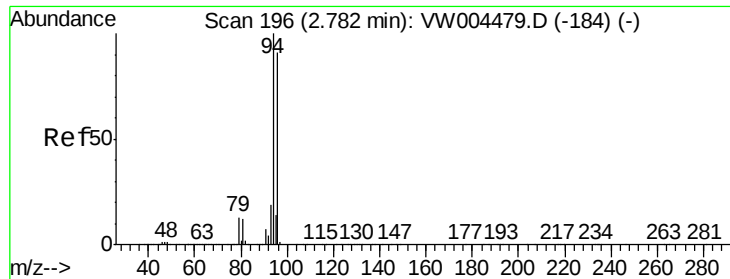
Tgt Ion: 62 Resp: 705506

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 77.865 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

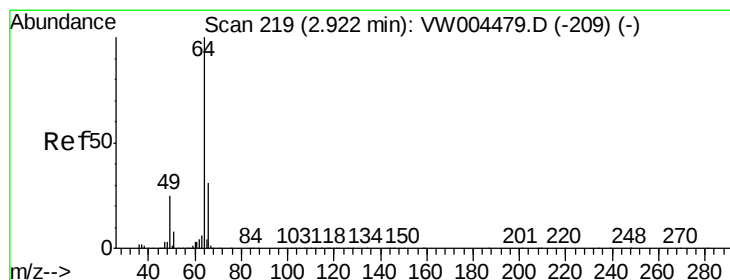
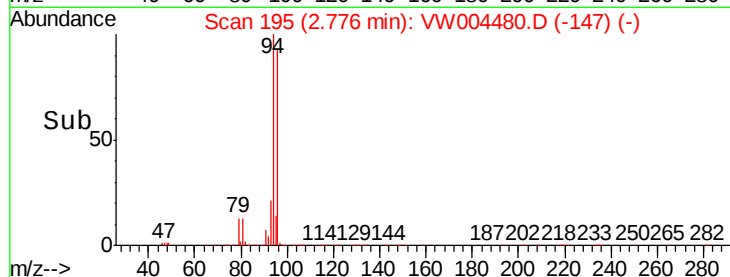
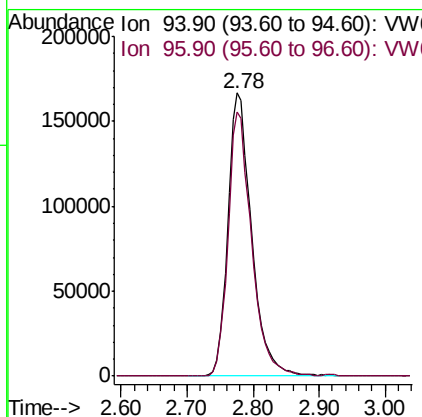
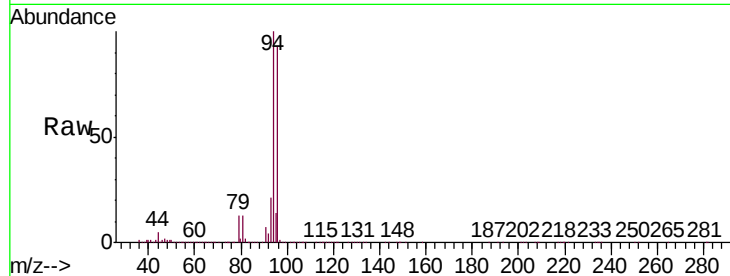
VSTDIC075

Tgt Ion: 94 Resp: 411931

Ion Ratio Lower Upper

94 100

96 93.1 72.9 109.3



#6

Chloroethane

Concen: 84.363 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004480.D

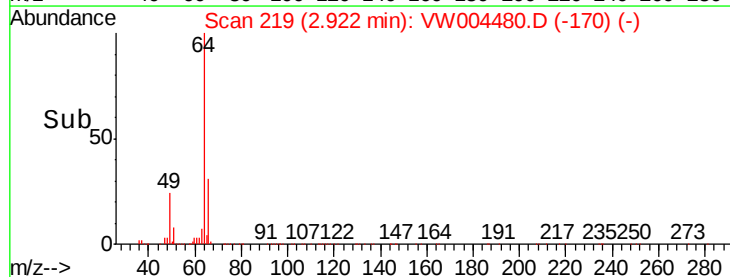
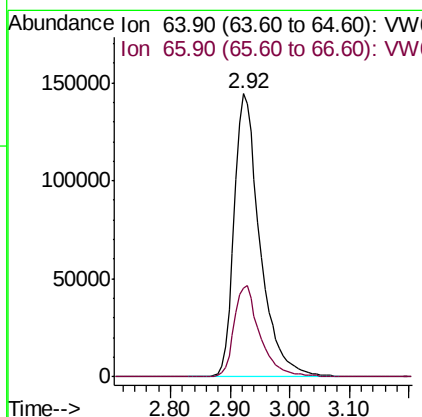
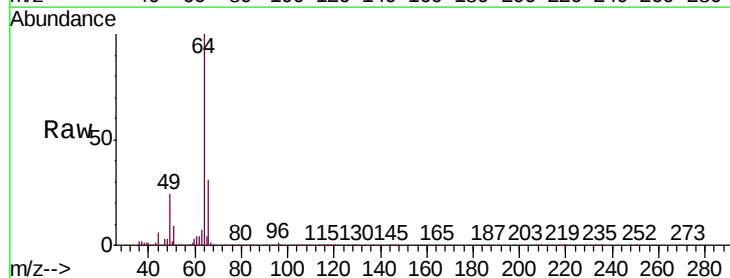
Acq: 06 Aug 2018 20:01

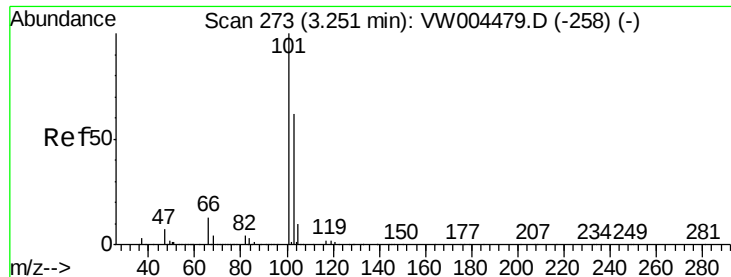
Tgt Ion: 64 Resp: 433512

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8



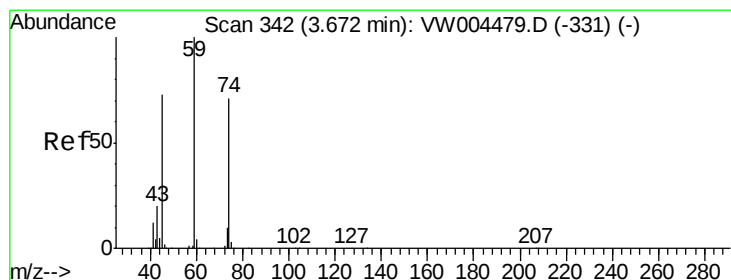
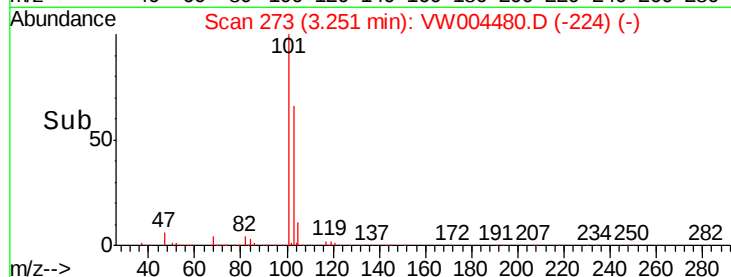
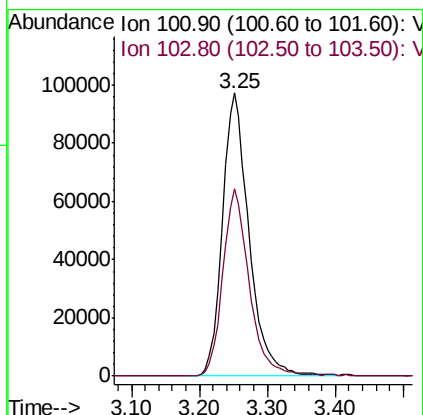
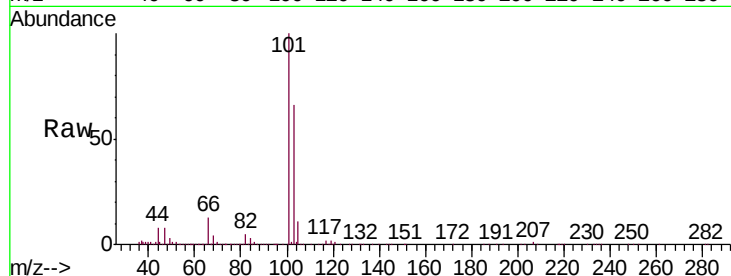


#7

Trichlorofluoromethane
 Concen: 58.218 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

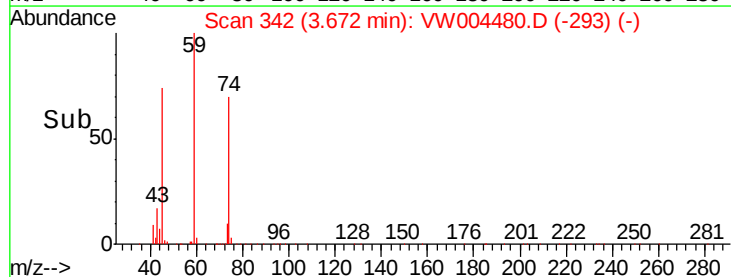
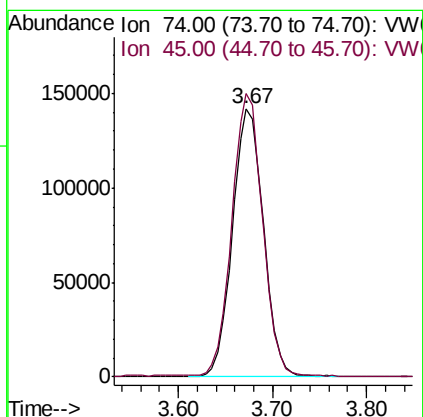
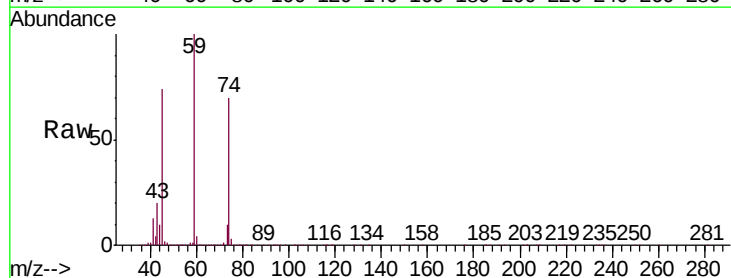
Tgt Ion:101 Resp: 264157
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.8 74.8

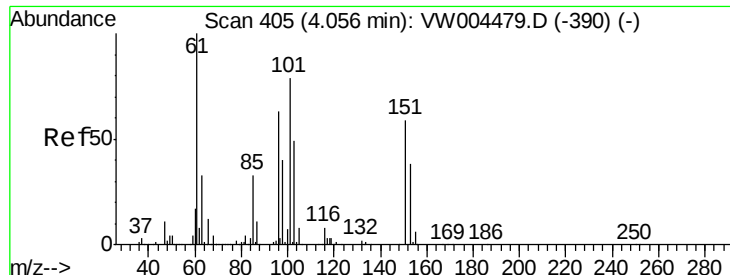


#8

Diethyl Ether
 Concen: 75.921 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 74 Resp: 324586
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.2 153.8

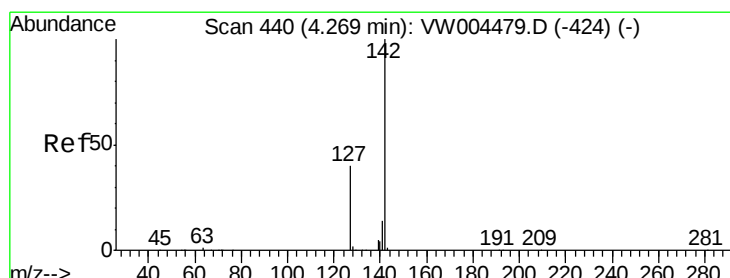
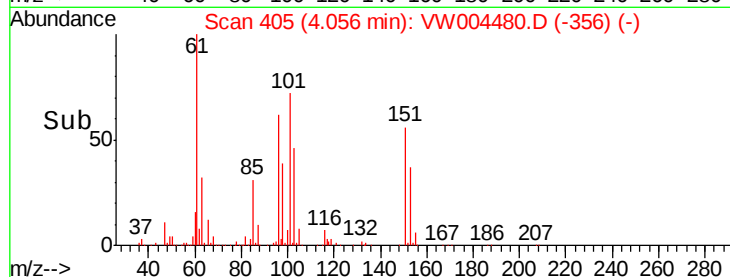
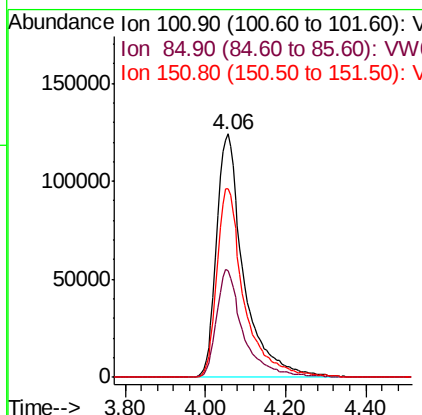
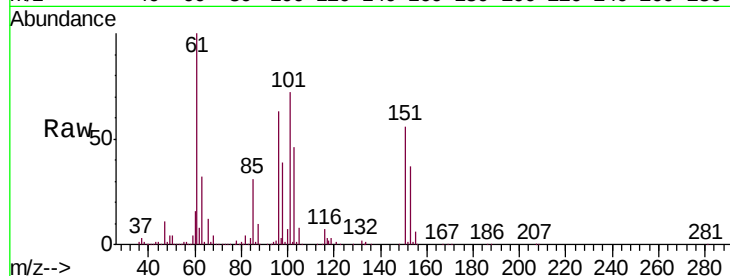




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 72.078 ug/l
 RT: 4.06 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

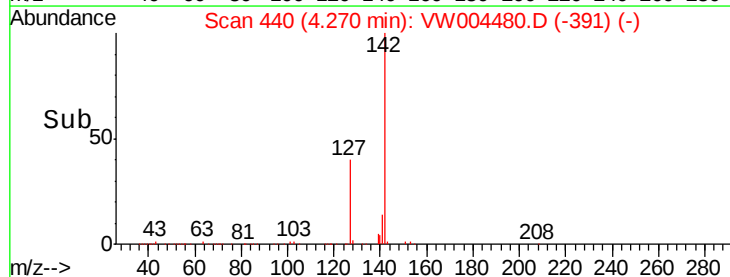
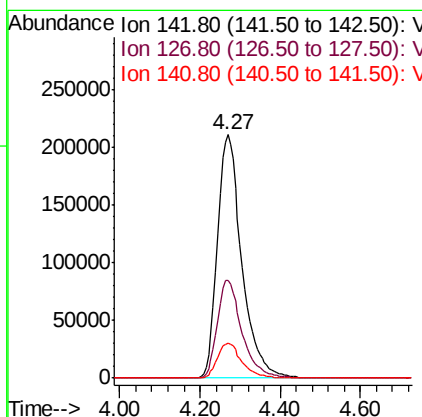
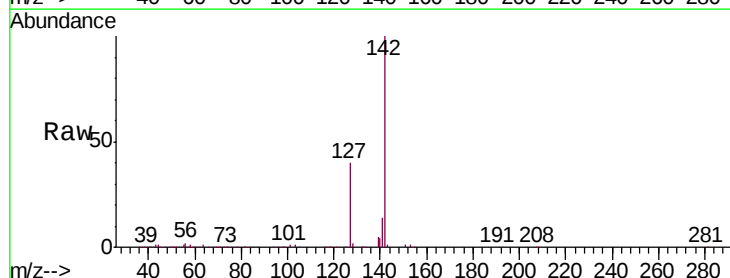
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

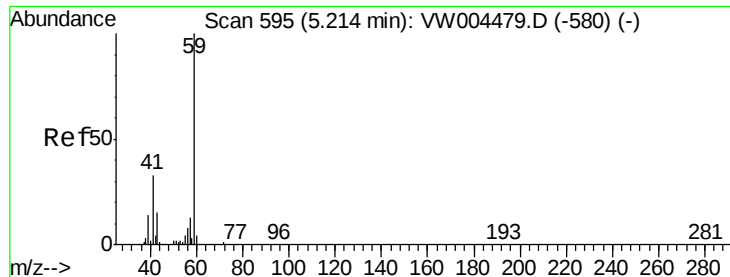
Tgt Ion:	101	Resp:	582253
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.6	51.8
151	77.8	61.3	91.9



#10
 Methyl Iodide
 Concen: 73.625 ug/l
 RT: 4.27 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:	142	Resp:	885668
Ion	Ratio	Lower	Upper
142	100		
127	40.8	32.7	49.1
141	14.6	11.5	17.3

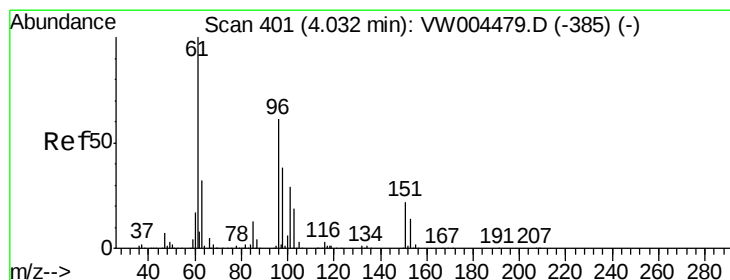
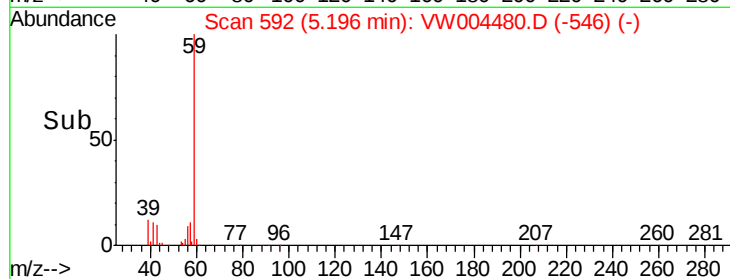
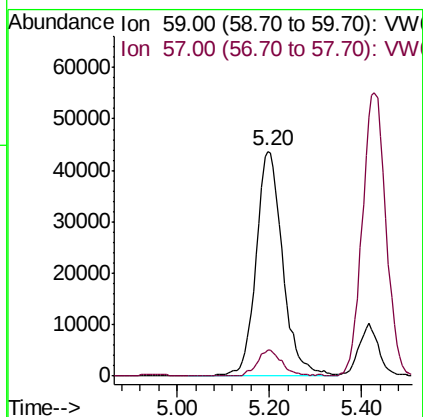
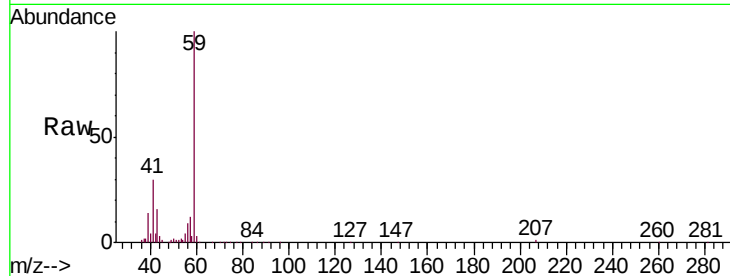




#11
Tert butyl alcohol
Concen: 299.888 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.02 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

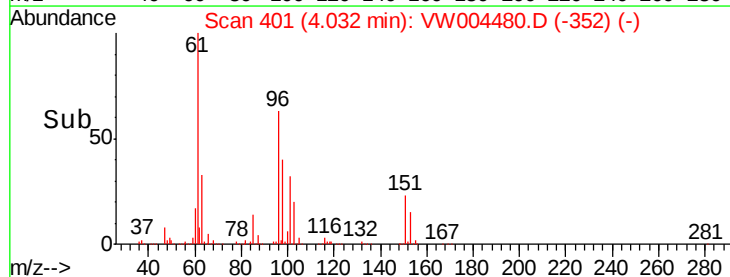
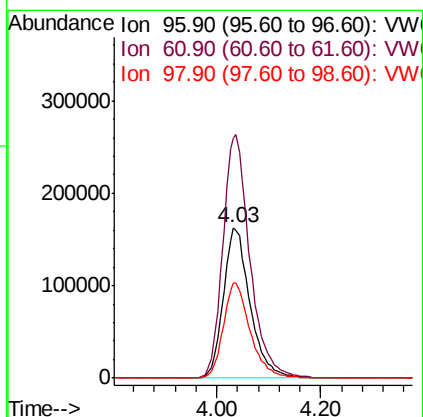
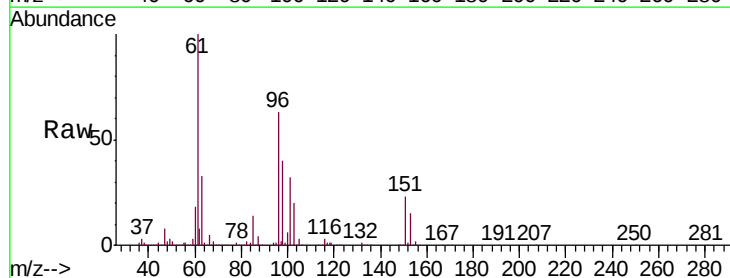
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

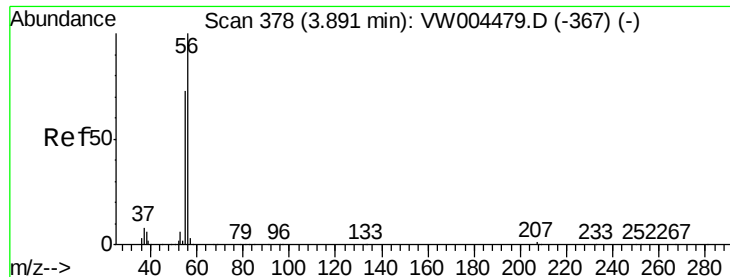
Tgt Ion: 59 Resp: 174704
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7



#12
1,1-Dichloroethene
Concen: 72.866 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 96 Resp: 585323
Ion Ratio Lower Upper
96 100
61 159.7 130.6 195.8
98 63.2 49.6 74.4





#13

Acrolein

Concen: 372.515 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

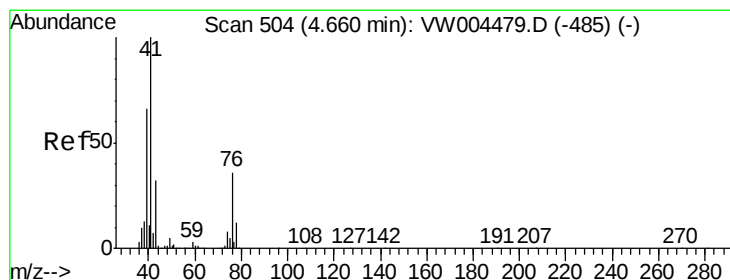
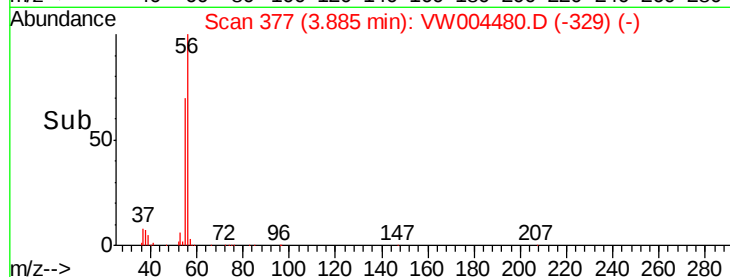
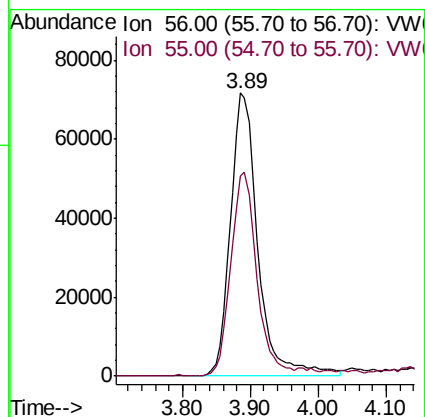
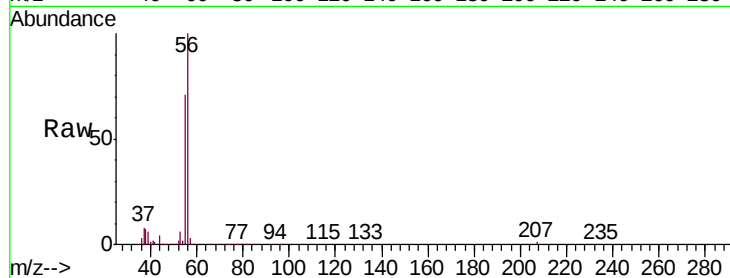
VSTDIC075

Tgt Ion: 56 Resp: 200014

Ion Ratio Lower Upper

56 100

55 67.7 56.7 85.1



#14

Allyl chloride

Concen: 71.126 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

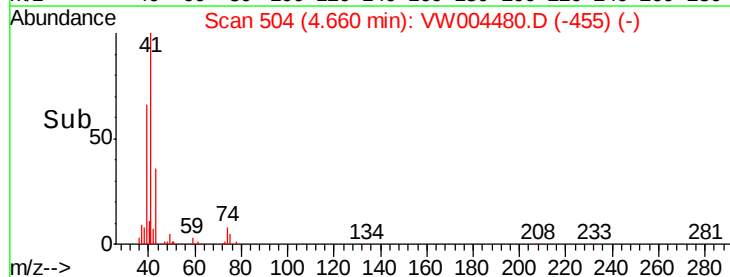
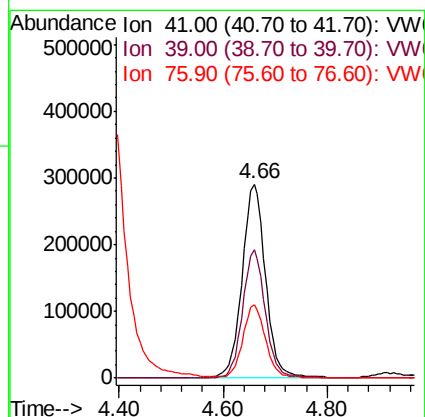
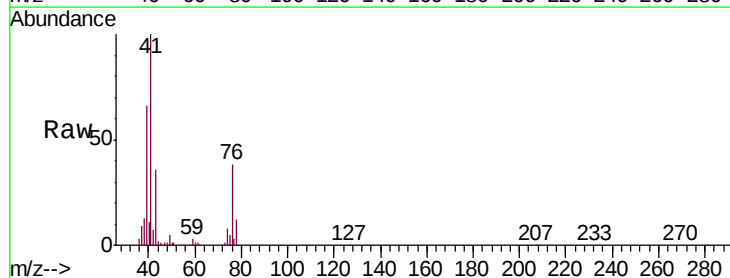
Tgt Ion: 41 Resp: 905093

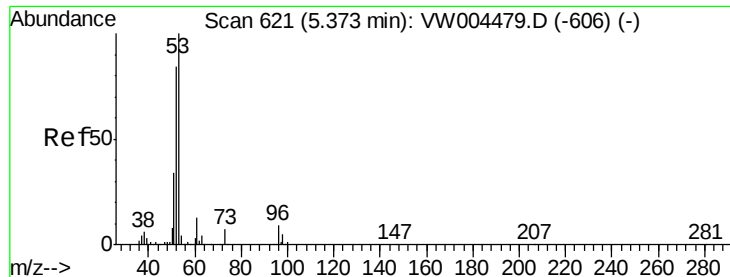
Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 404.934 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

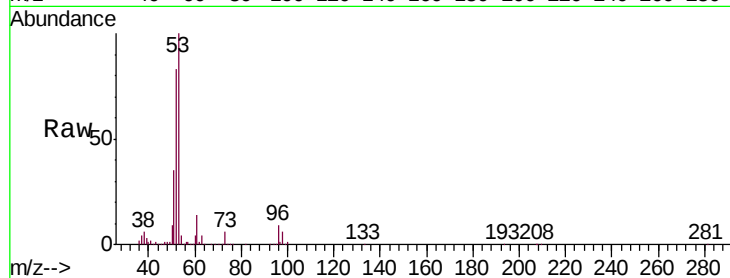
Tgt Ion: 53 Resp: 754588

Ion Ratio Lower Upper

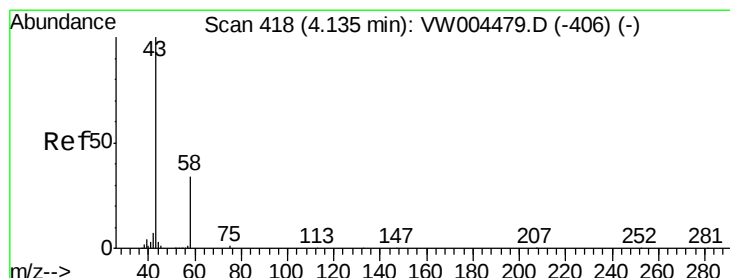
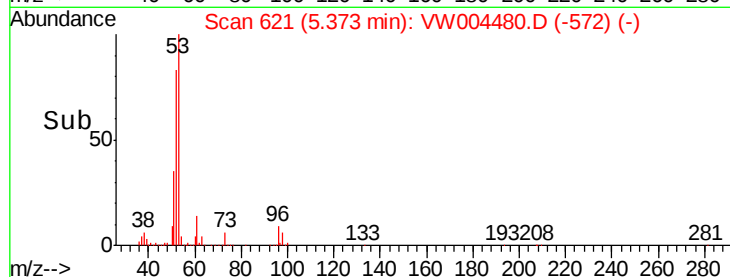
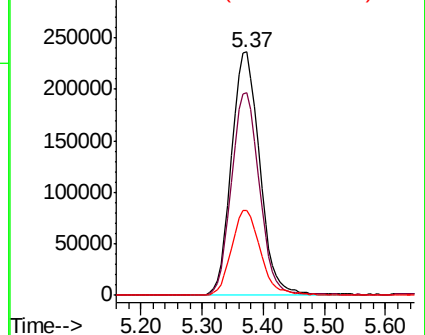
53 100

52 82.2 66.5 99.7

51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 386.645 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004480.D

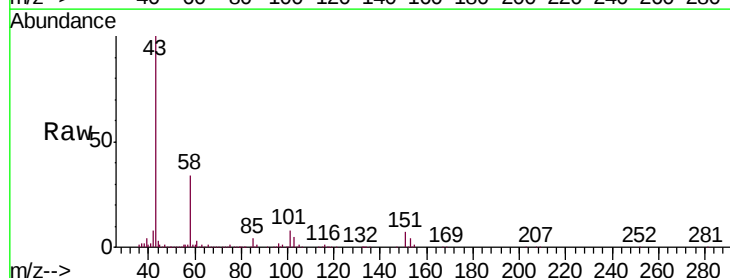
Acq: 06 Aug 2018 20:01

Tgt Ion: 43 Resp: 715320

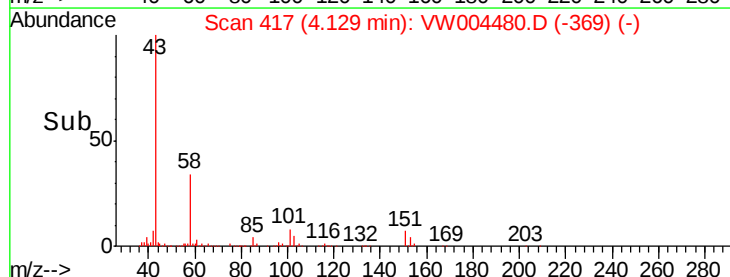
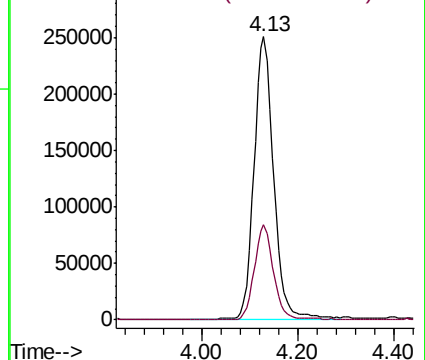
Ion Ratio Lower Upper

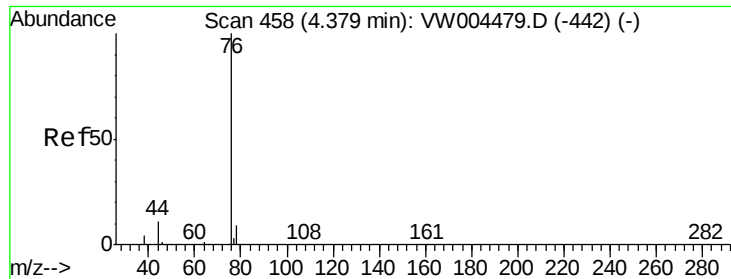
43 100

58 33.6 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

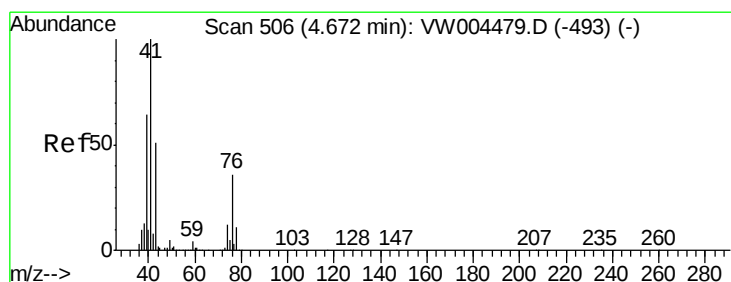
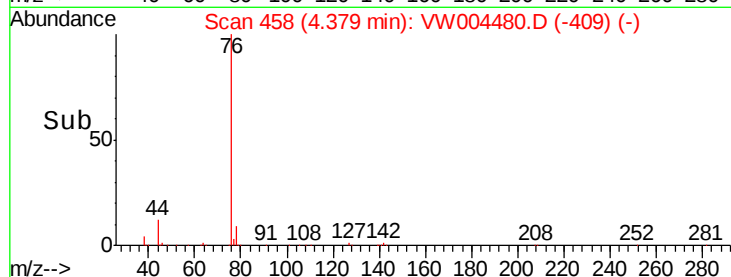
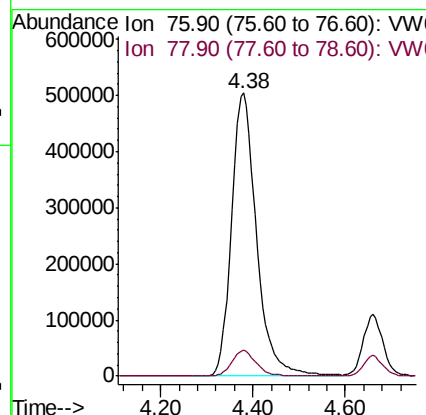
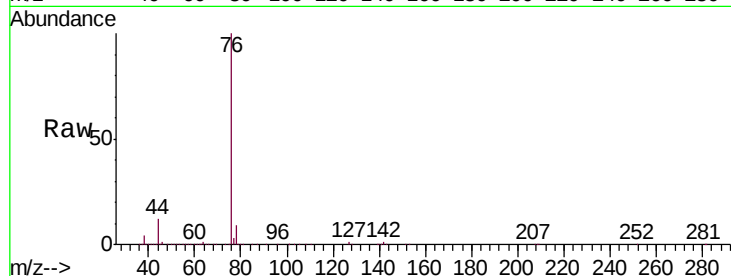




#17
Carbon Disulfide
Concen: 76.323 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

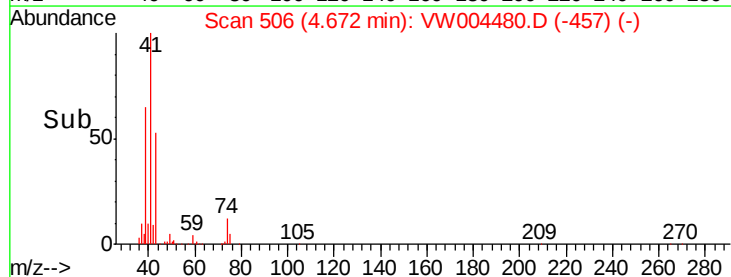
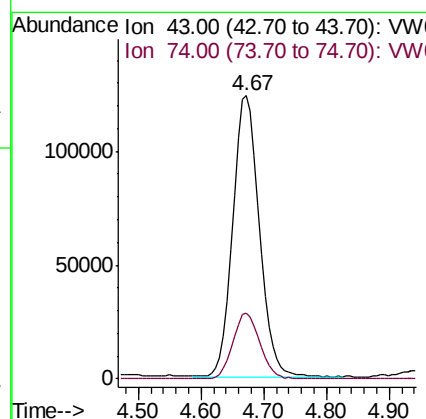
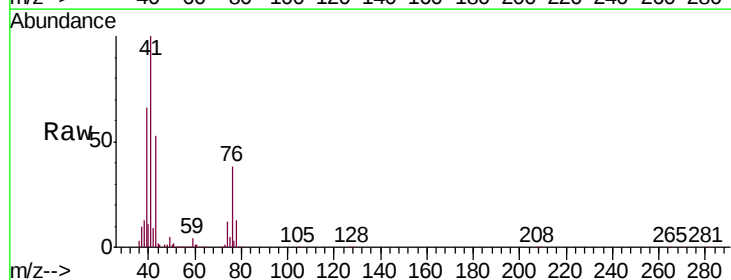
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

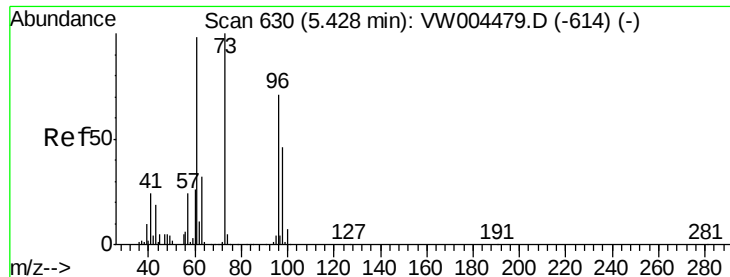
Tgt Ion: 76 Resp: 1896897
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 75.691 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 43 Resp: 366091
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7



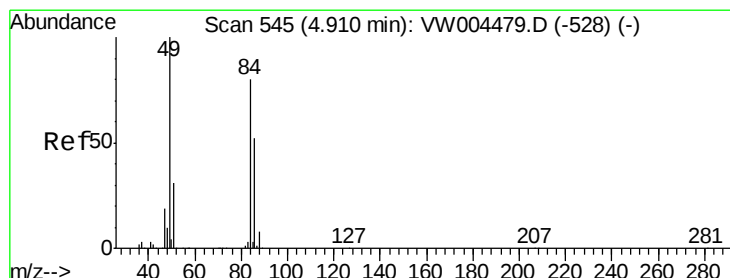
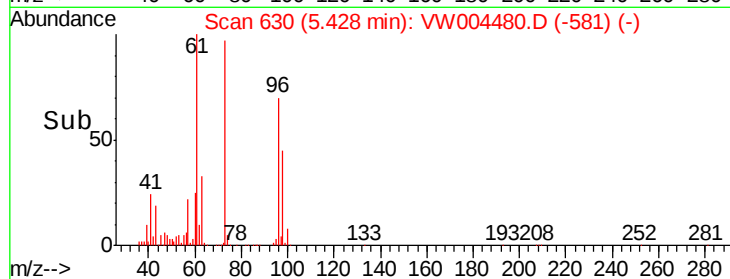
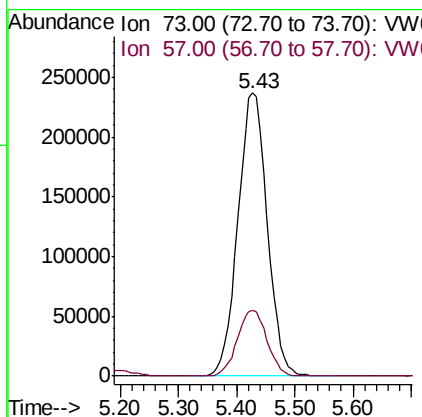
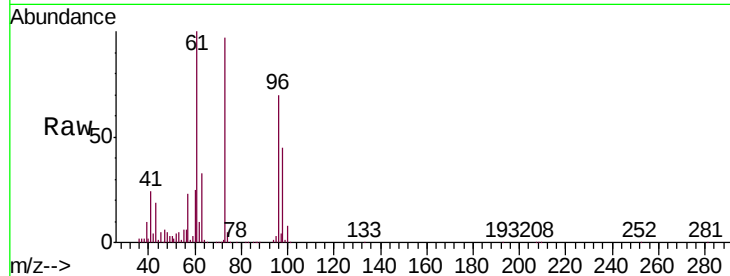


#19

Methyl tert-butyl Ether
 Concen: 59.738 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

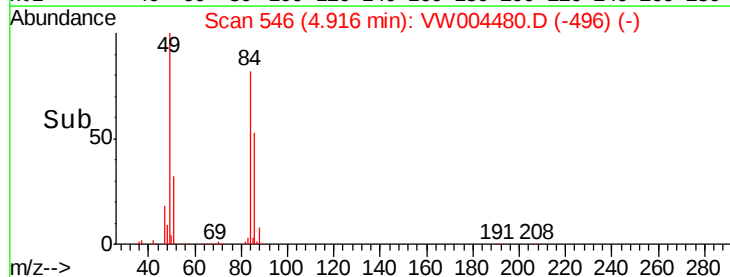
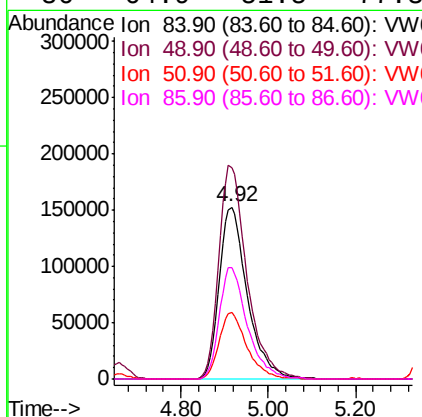
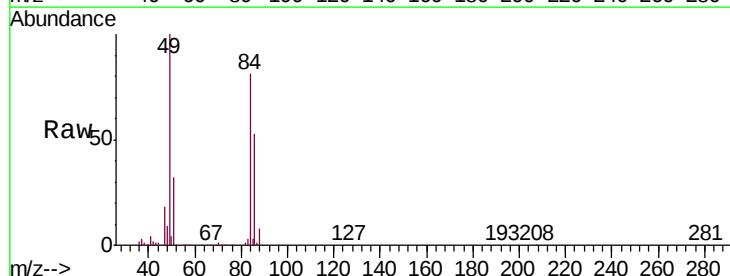
Tgt Ion: 73 Resp: 825062
 Ion Ratio Lower Upper
 73 100
 57 23.2 19.6 29.4

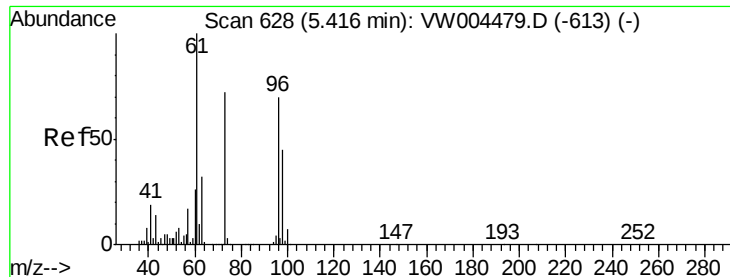


#20

Methylene Chloride
 Concen: 76.006 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 84 Resp: 679464
 Ion Ratio Lower Upper
 84 100
 49 123.0 99.6 149.4
 51 38.7 31.0 46.4
 86 64.9 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 74.241 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

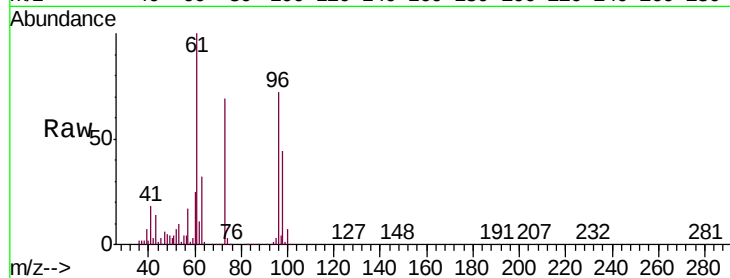
Tgt Ion: 96 Resp: 640546

Ion Ratio Lower Upper

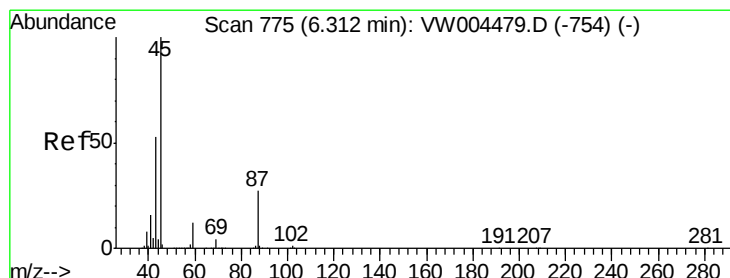
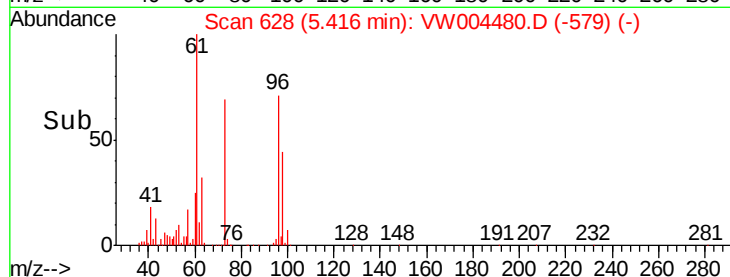
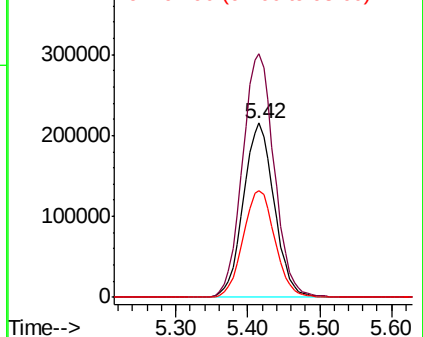
96 100

61 139.8 114.1 171.1

98 61.3 51.4 77.2



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



#22

Diisopropyl ether

Concen: 78.602 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion: 45 Resp: 1918588

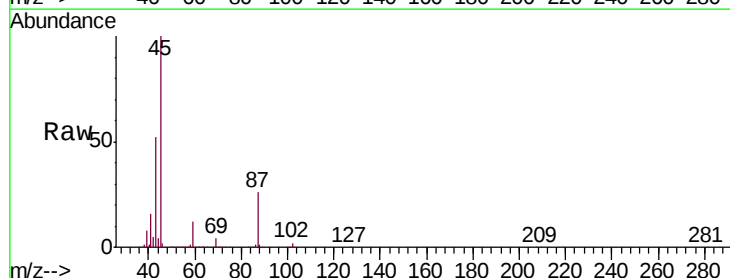
Ion Ratio Lower Upper

45 100

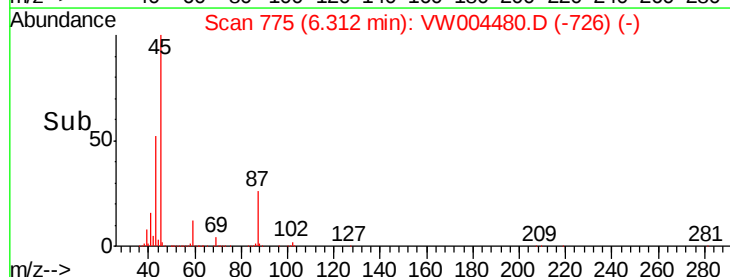
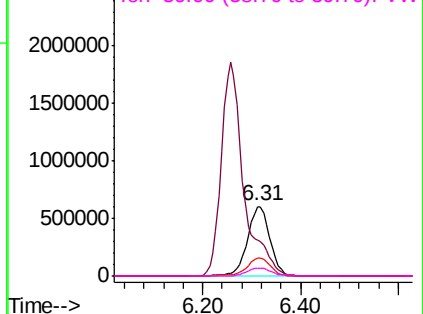
43 52.1 42.4 63.6

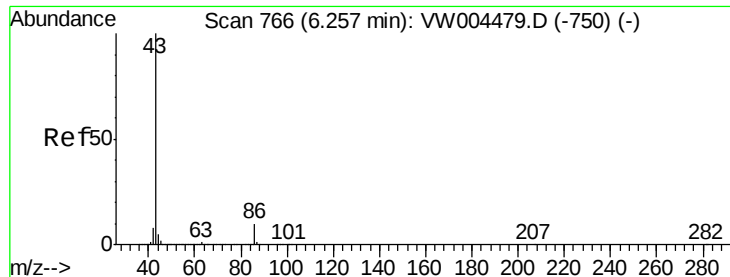
87 26.0 21.6 32.4

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

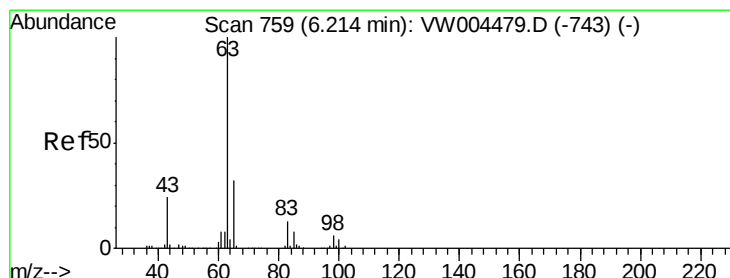
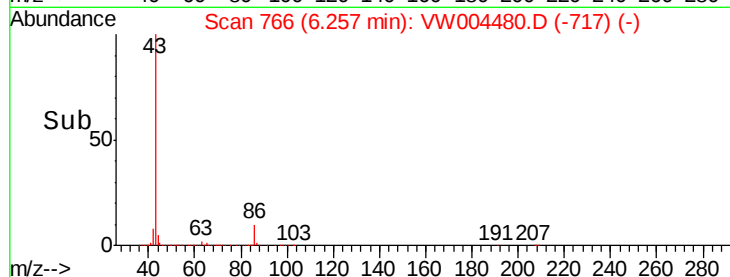
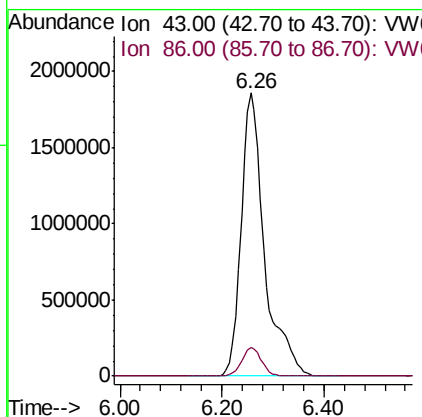
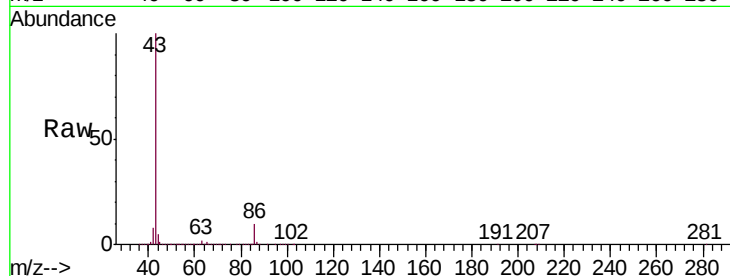




#23
 Vinyl Acetate
 Concen: 412.687 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

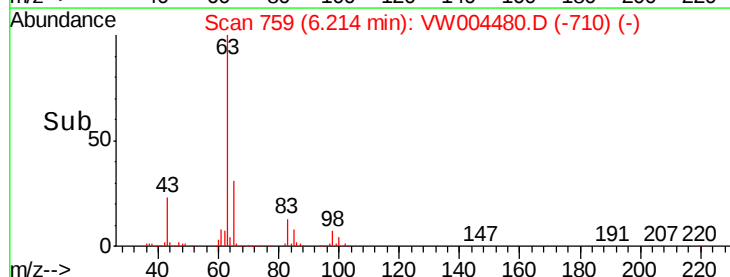
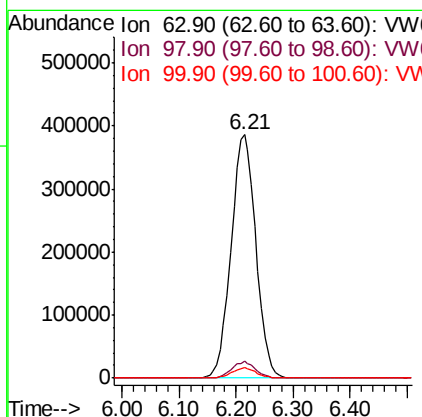
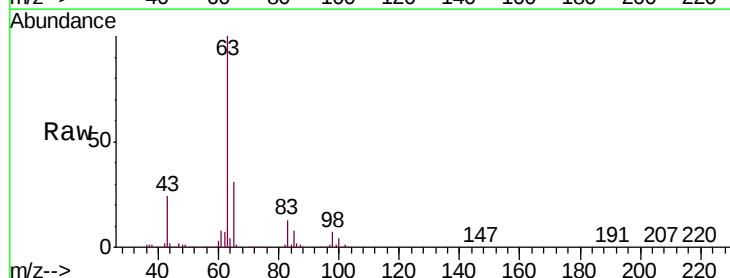
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

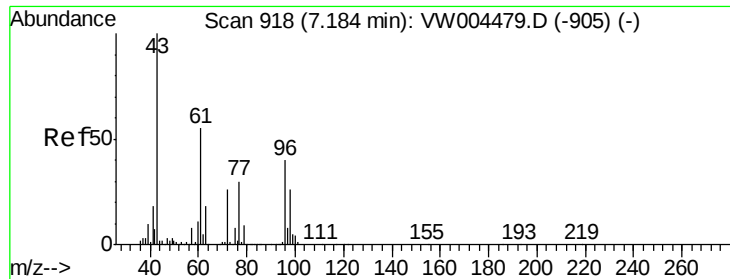
Tgt Ion: 43 Resp: 5895563
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 74.305 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 63 Resp: 1172026
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.3
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 510.693 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

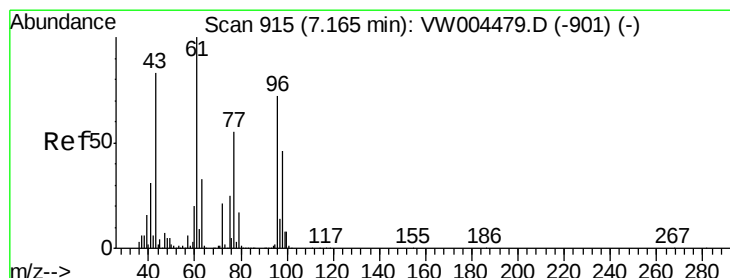
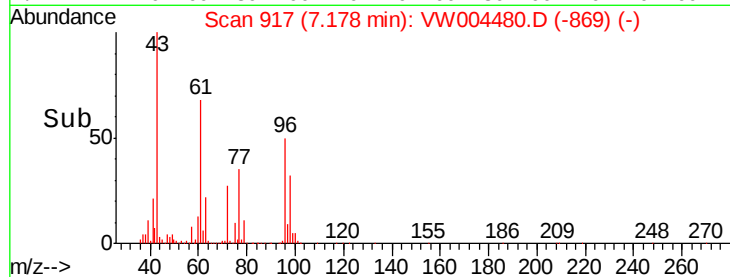
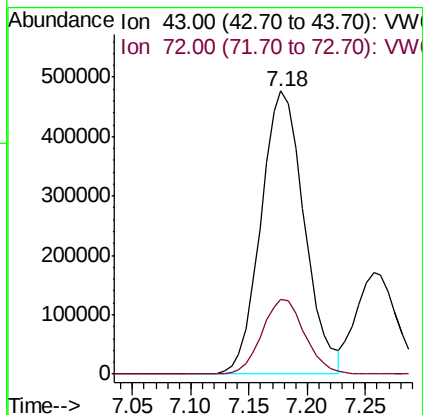
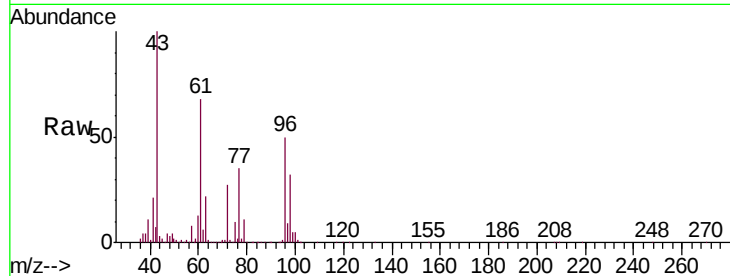
VSTDIC075

Tgt Ion: 43 Resp: 1228137

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 65.079 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004480.D

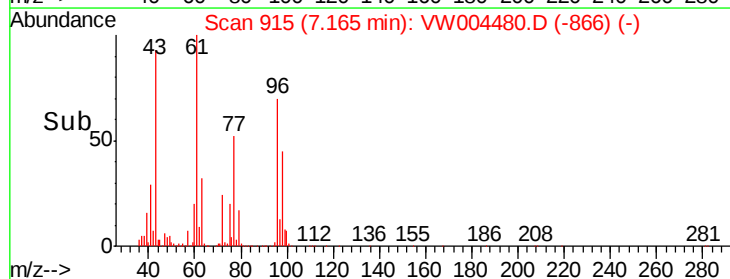
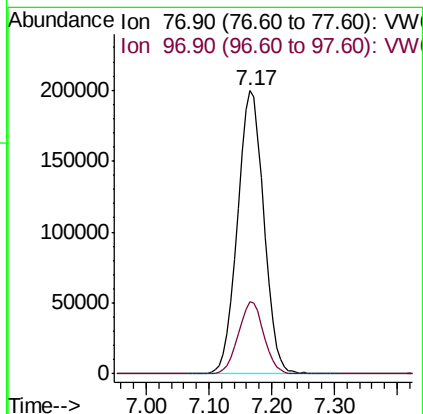
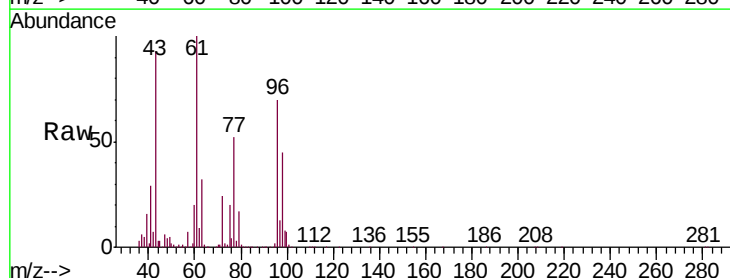
Acq: 06 Aug 2018 20:01

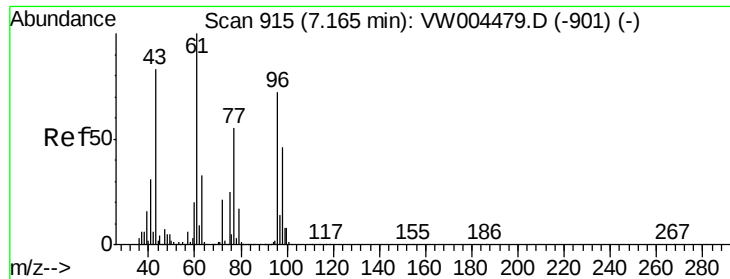
Tgt Ion: 77 Resp: 579845

Ion Ratio Lower Upper

77 100

97 24.7 12.5 37.5

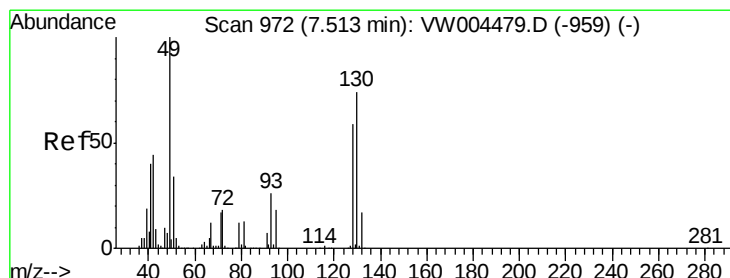
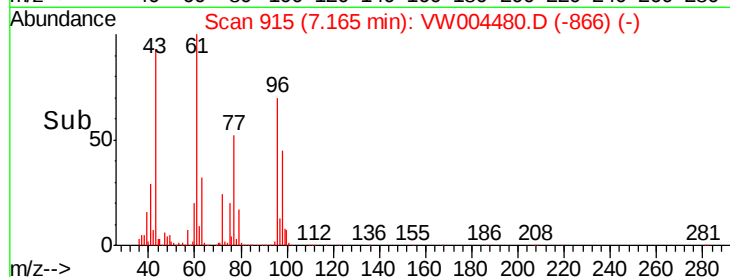
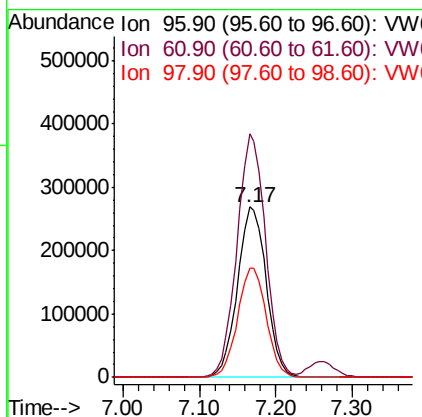
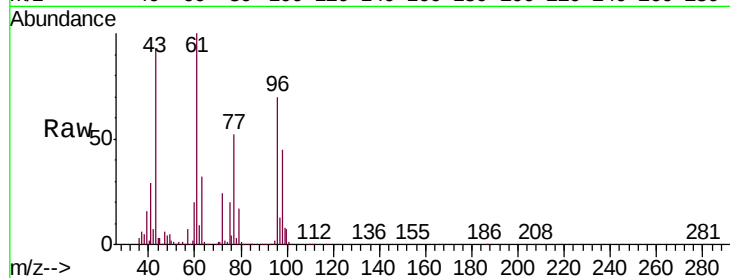




#27
 cis-1,2-Dichloroethene
 Concen: 79.526 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

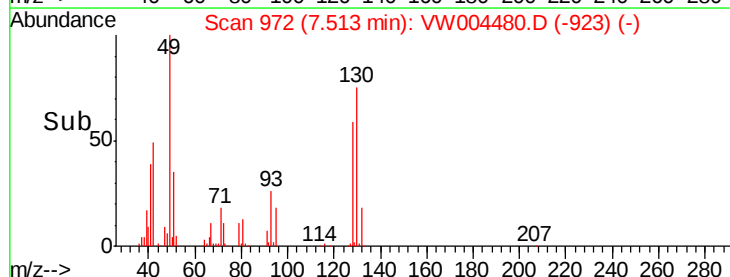
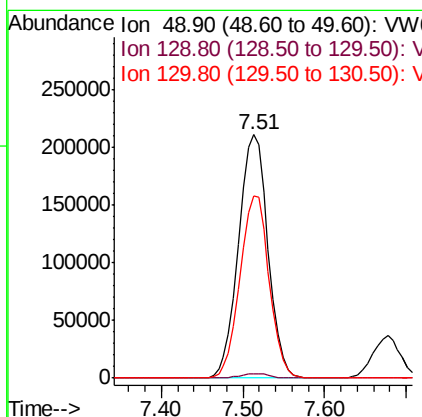
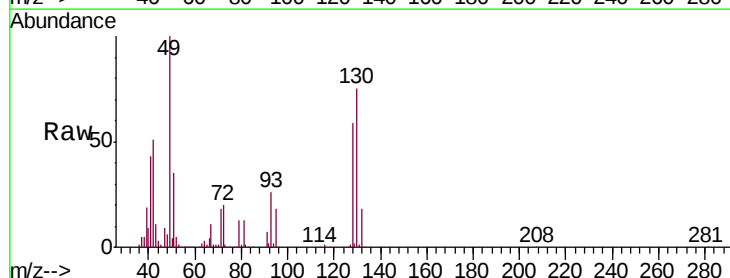
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

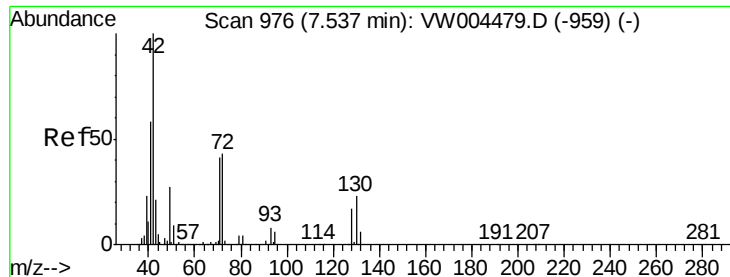
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	285.0
98	64.0	0.0	128.6



#28
 Bromochloromethane
 Concen: 92.025 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.3	58.8	88.2

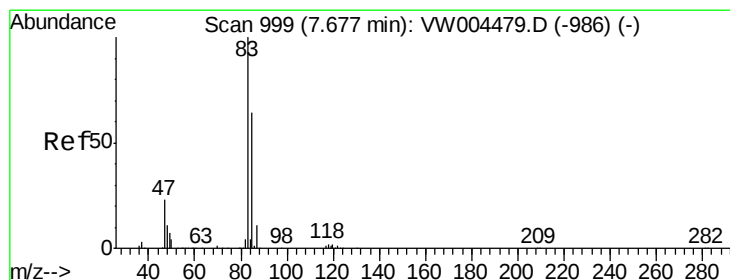
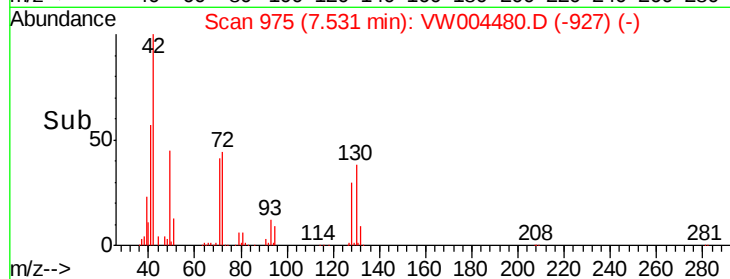
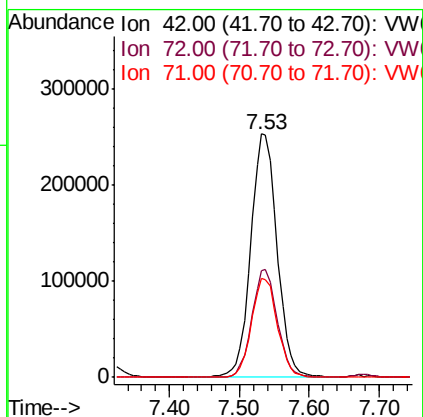
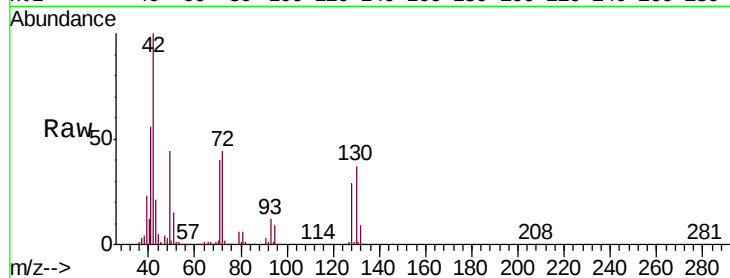




#29
Tetrahydrofuran
Concen: 446.989 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

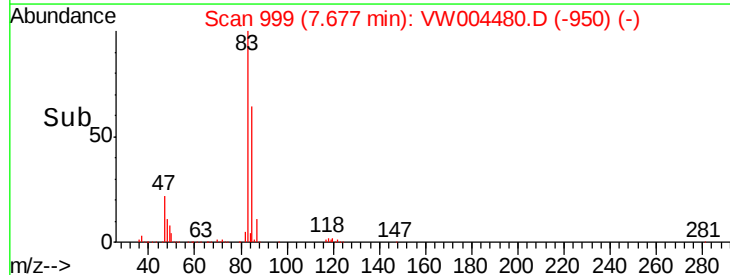
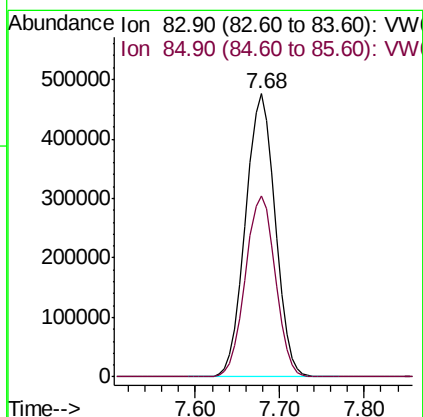
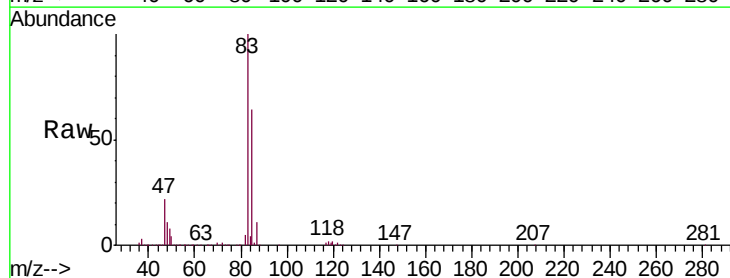
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

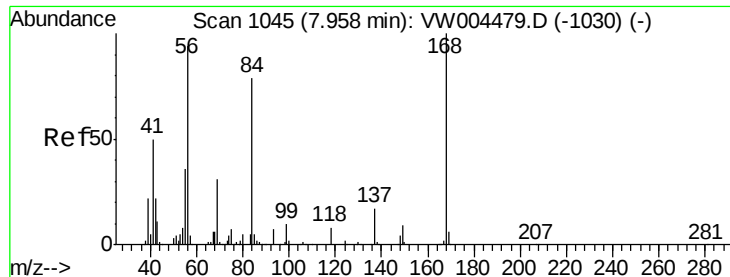
Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.1	51.1
71	39.9	32.5	48.7



#30
Chloroform
Concen: 75.510 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.3	76.9

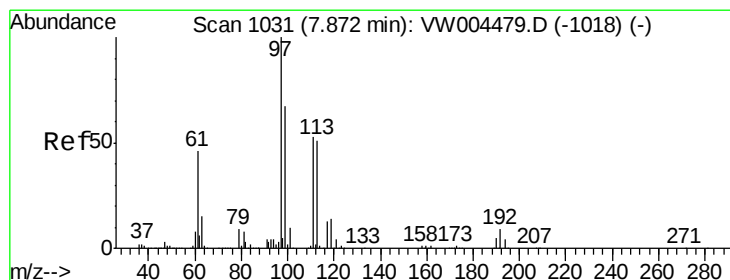
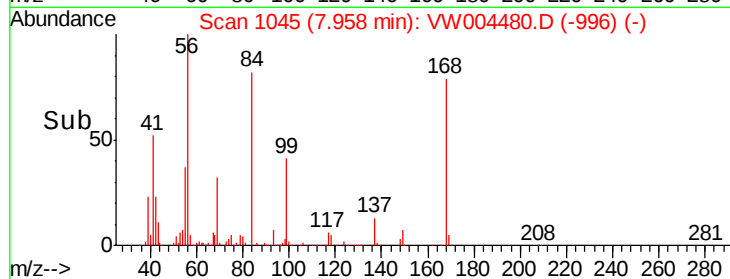
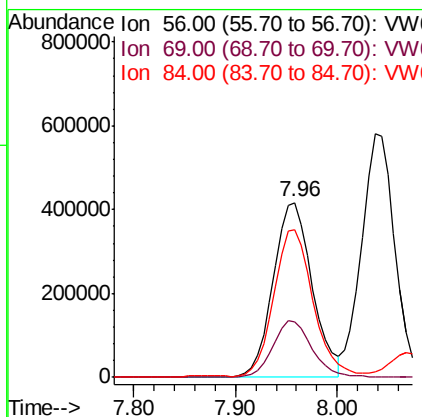
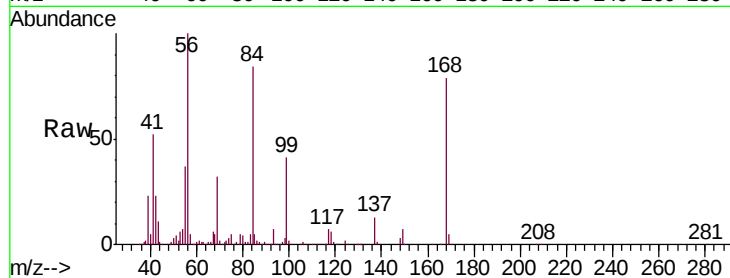




#31
Cyclohexane
Concen: 78.913 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

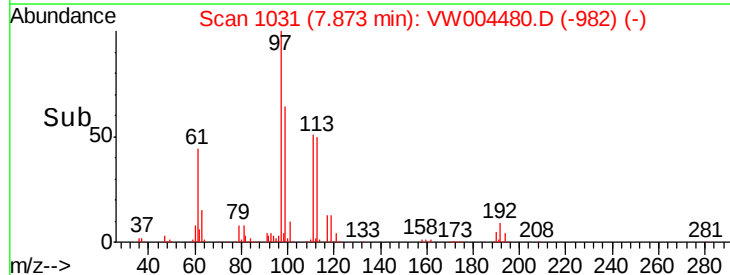
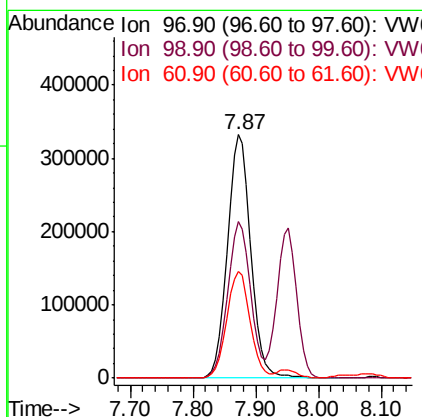
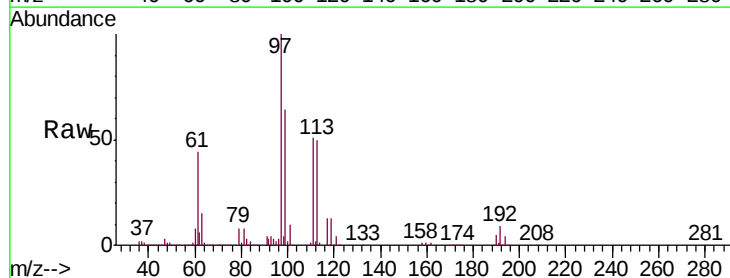
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

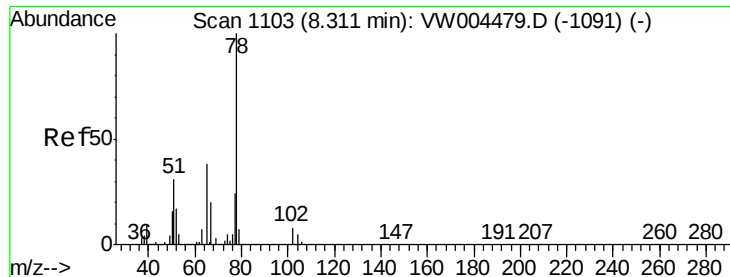
Tgt Ion: 56 Resp: 1104673
Ion Ratio Lower Upper
56 100
69 31.8 26.4 39.6
84 83.5 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 69.987 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 97 Resp: 851580
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 44.1 35.7 53.5

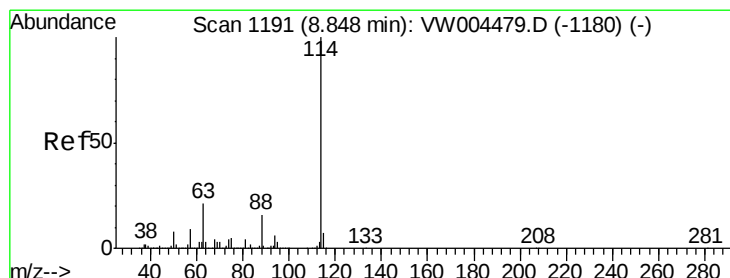
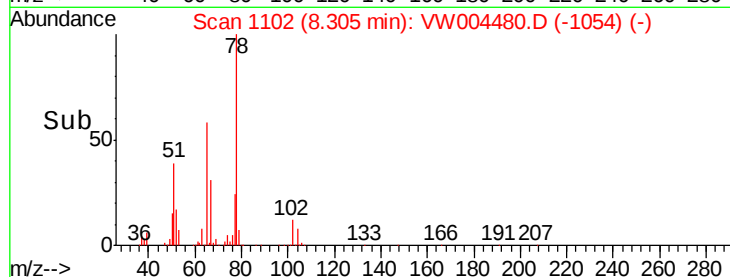
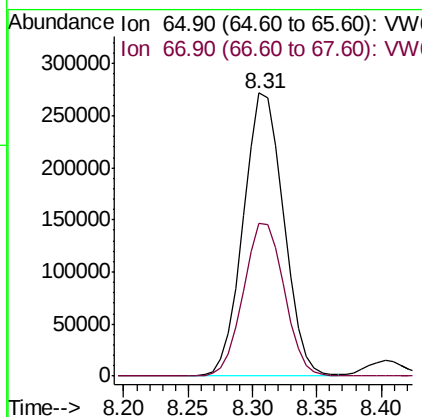
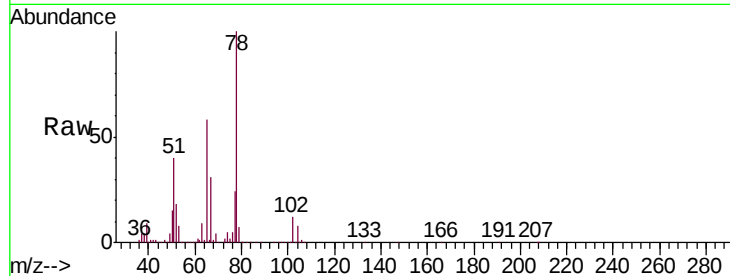




#33
 1,2-Dichloroethane-d4
 Concen: 72.823 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

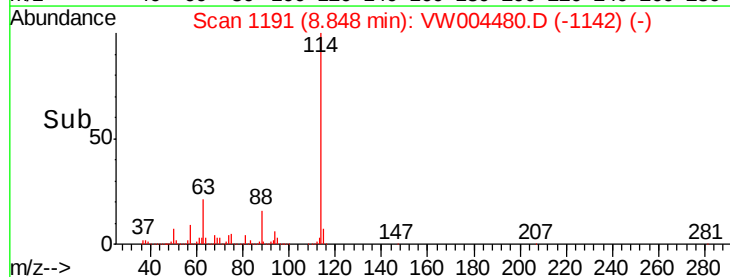
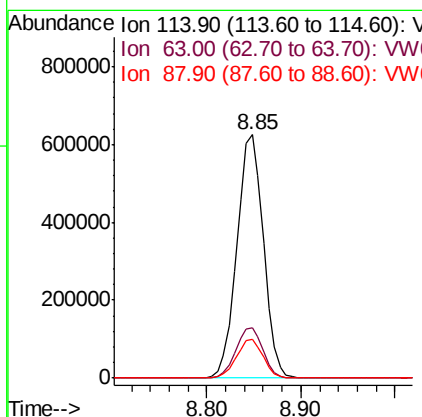
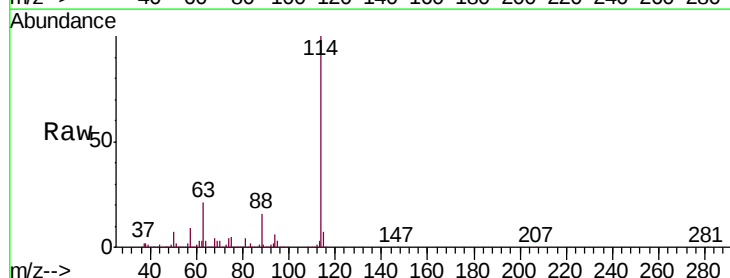
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

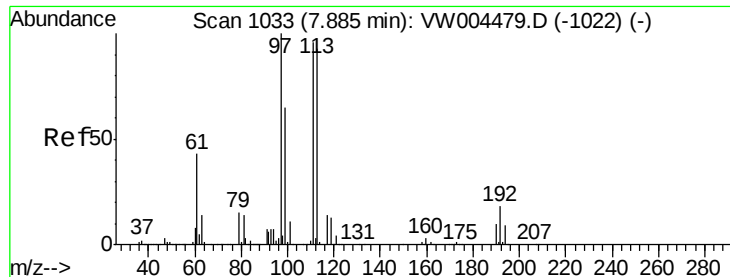
Tgt Ion: 65 Resp: 590258
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 114 Resp: 1223896
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.9 0.0 31.2

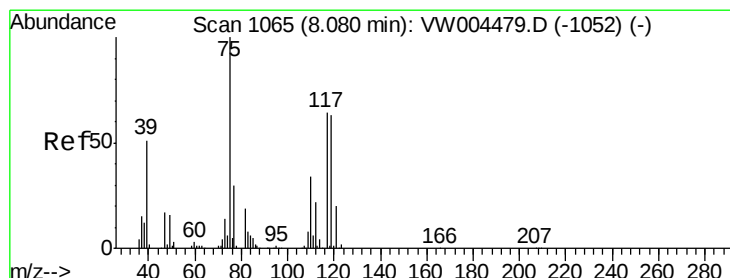
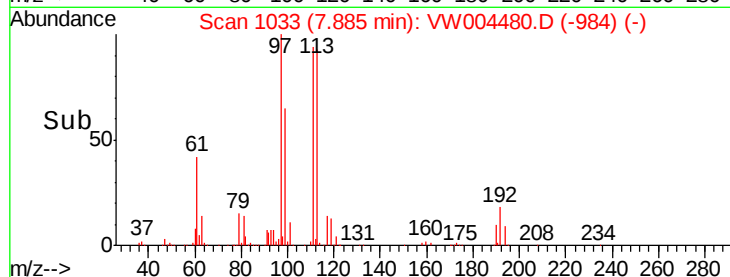
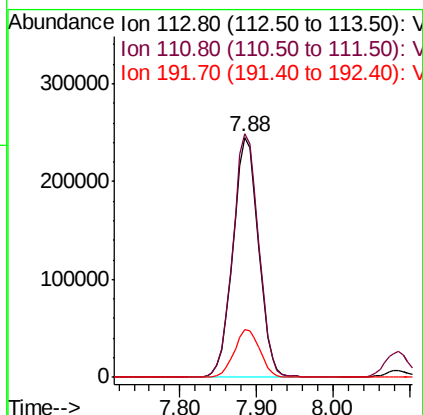
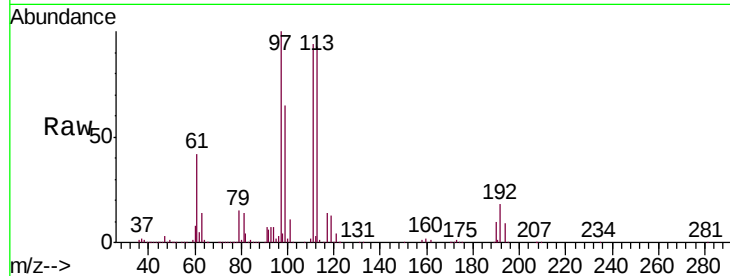




#35
 Dibromofluoromethane
 Concen: 72.579 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

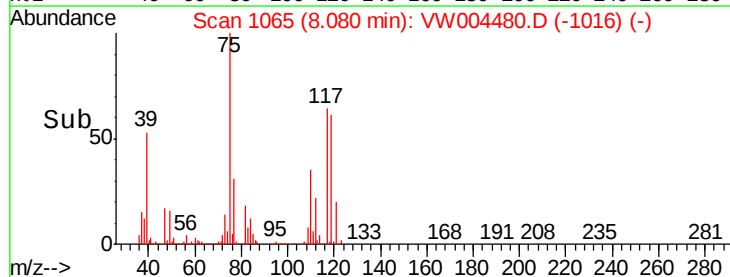
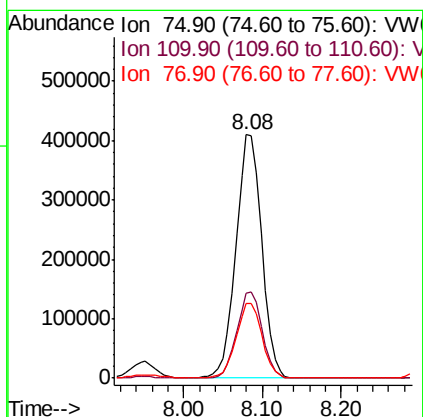
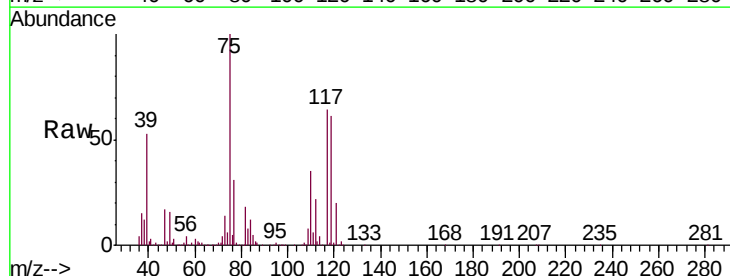
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

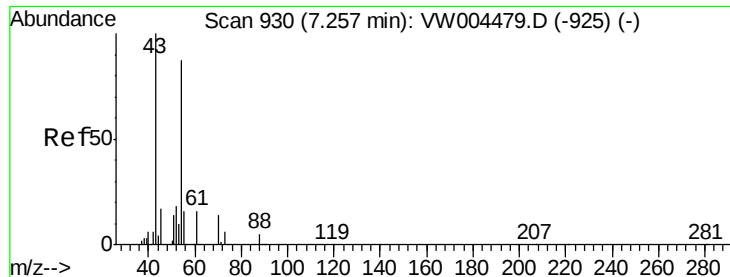
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 75.276 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	31.0	24.7	37.1

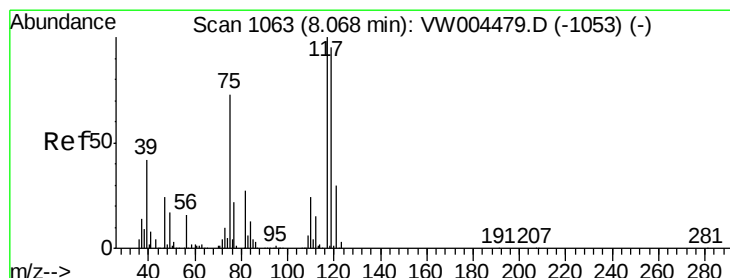
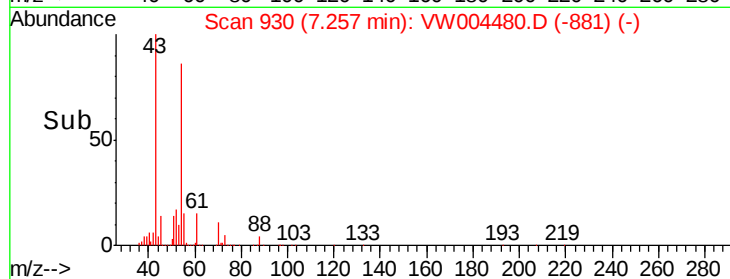
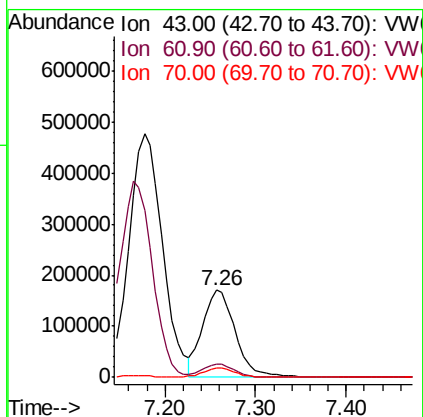
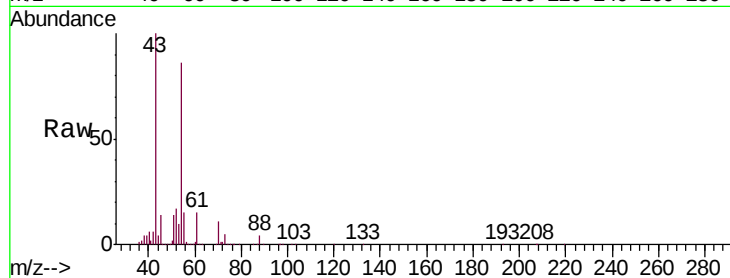




#37
 Ethyl Acetate
 Concen: 83.339 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

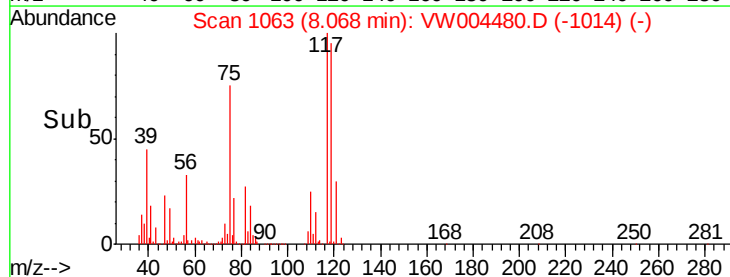
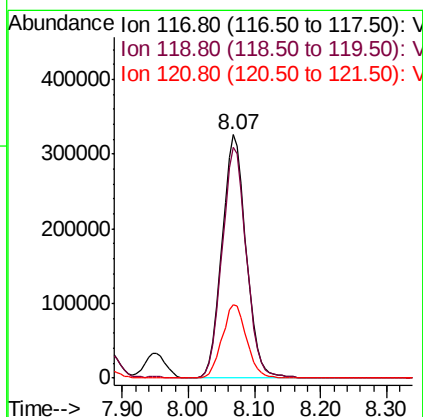
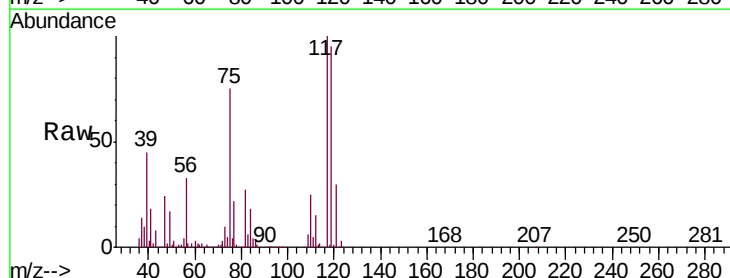
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

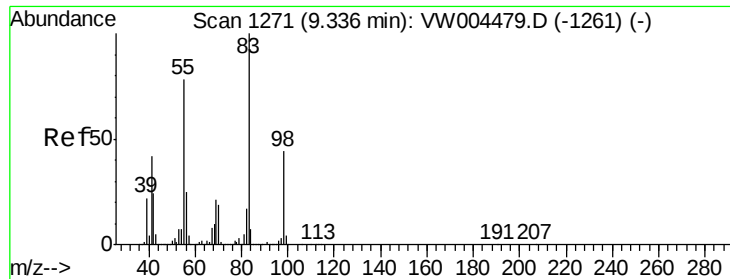
Tgt Ion: 43 Resp: 427808
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.9 17.9
 70 10.7 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 68.038 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 117 Resp: 821998
 Ion Ratio Lower Upper
 117 100
 119 94.8 76.1 114.1
 121 30.3 24.2 36.4

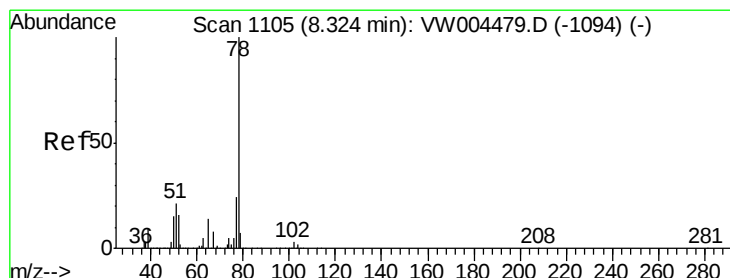
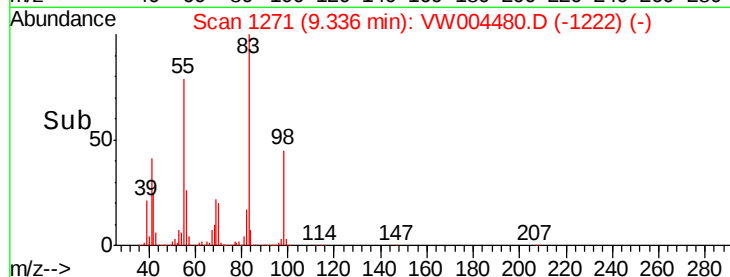
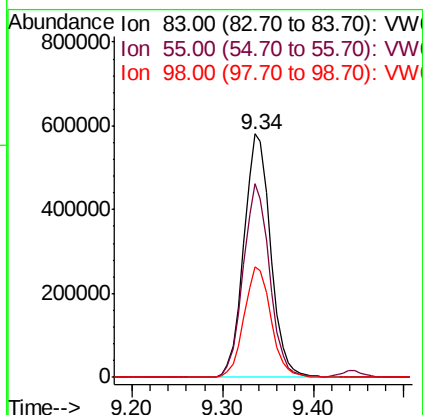
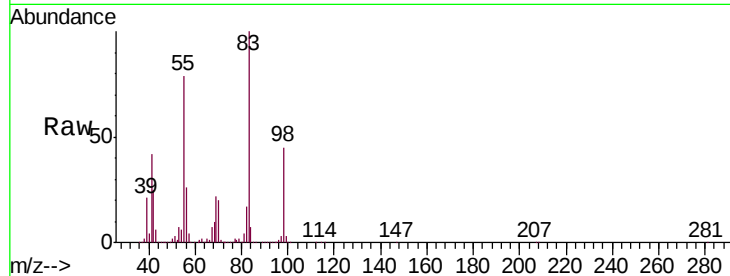




#39
Methylcyclohexane
Concen: 78.999 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

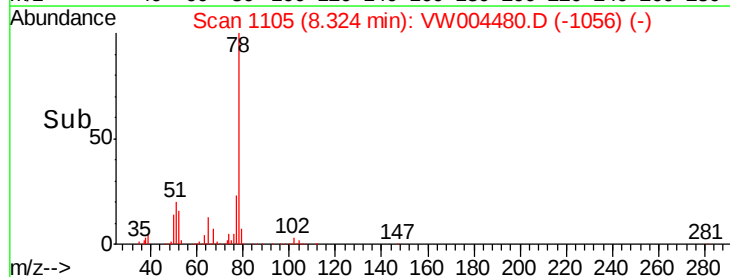
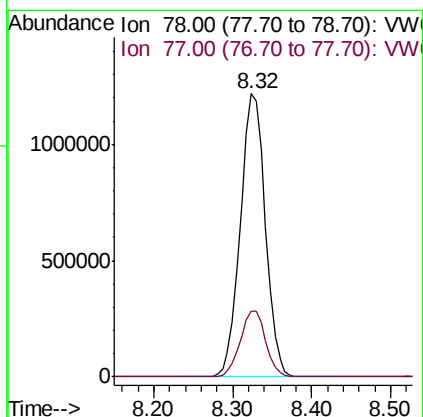
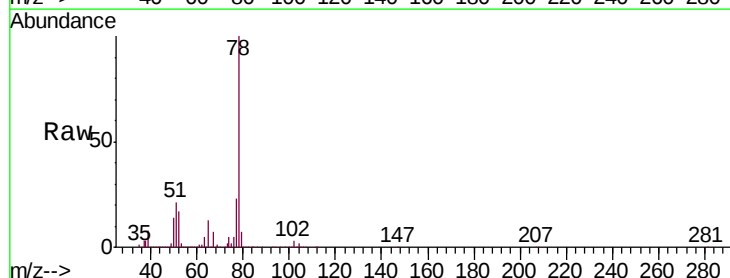
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

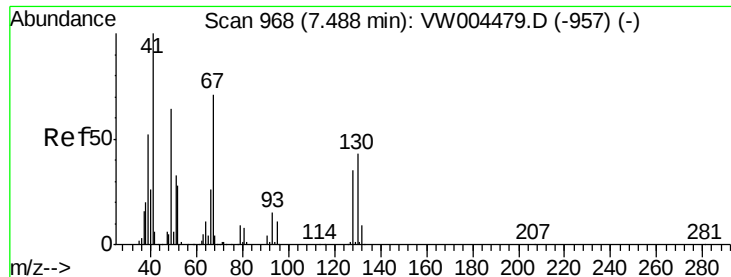
Tgt Ion: 83 Resp: 1188687
Ion Ratio Lower Upper
83 100
55 79.3 62.5 93.7
98 45.3 35.4 53.2



#40
Benzene
Concen: 76.806 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 78 Resp: 2687811
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

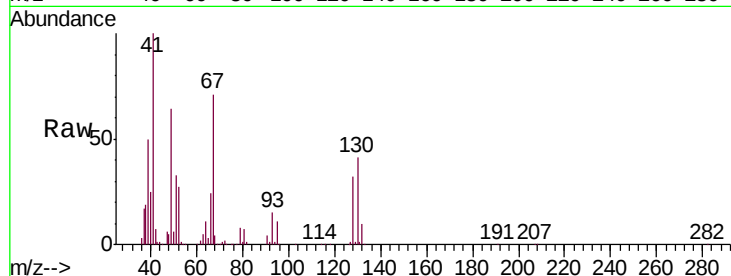




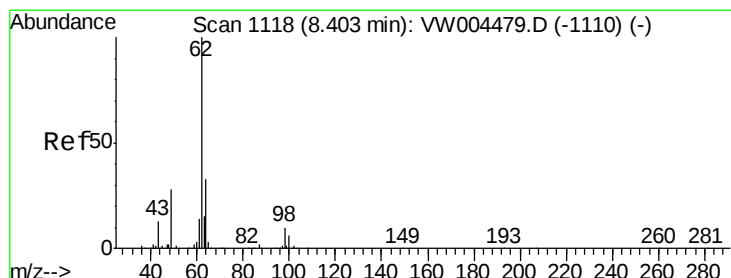
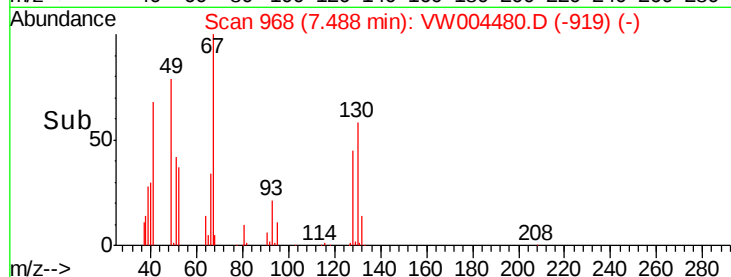
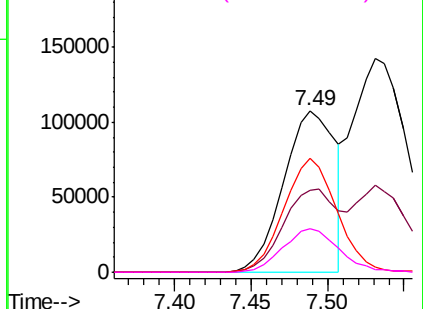
#41
Methacrylonitrile
Concen: 85.764 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	251924
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.2	69.2
67	72.8	60.8	91.2
52	29.3	23.8	35.6

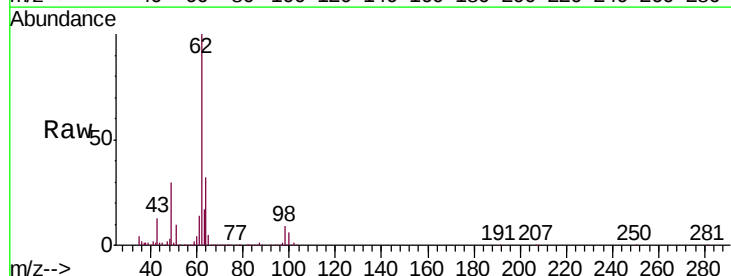


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

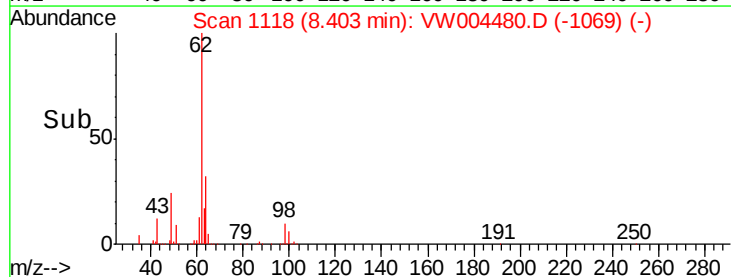
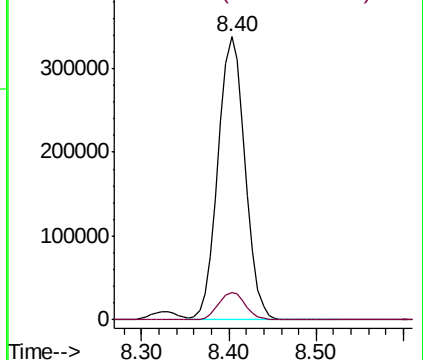


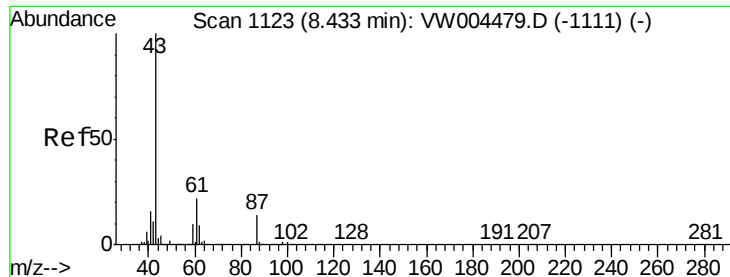
#42
1,2-Dichloroethane
Concen: 72.898 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion:	62	Resp:	725412
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 84.479 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

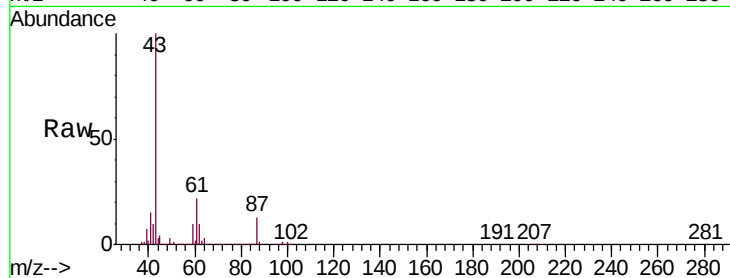
Tgt Ion: 43 Resp: 778692

Ion Ratio Lower Upper

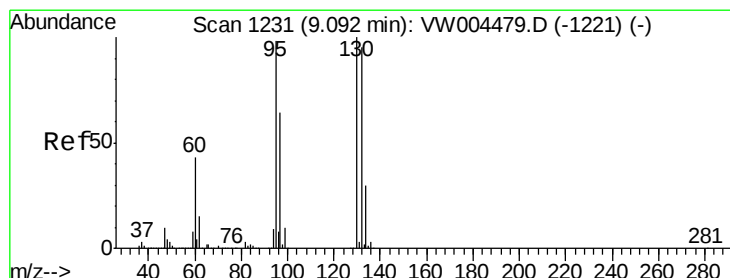
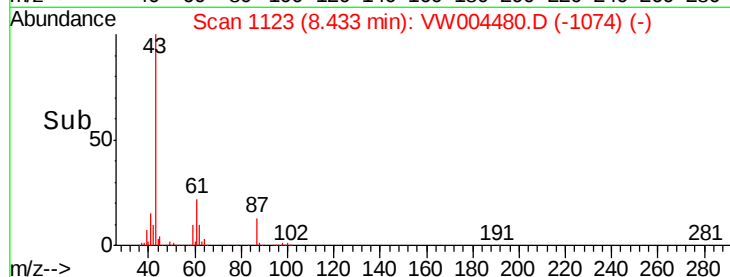
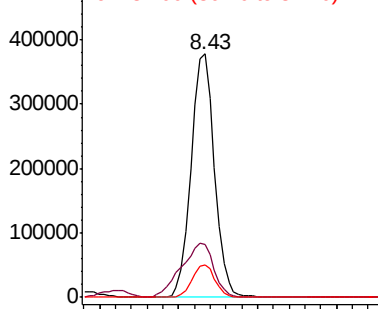
43 100

61 30.7 25.2 37.8

87 13.2 10.6 16.0



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



#44

Trichloroethene

Concen: 71.002 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004480.D

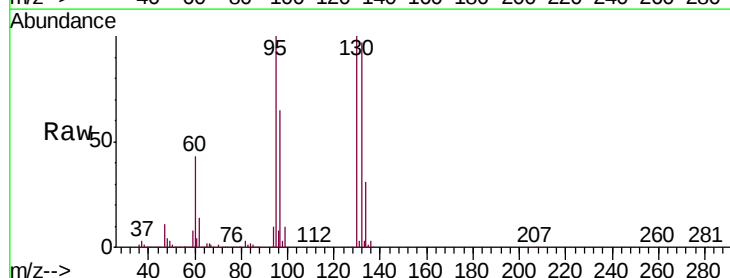
Acq: 06 Aug 2018 20:01

Tgt Ion: 130 Resp: 663578

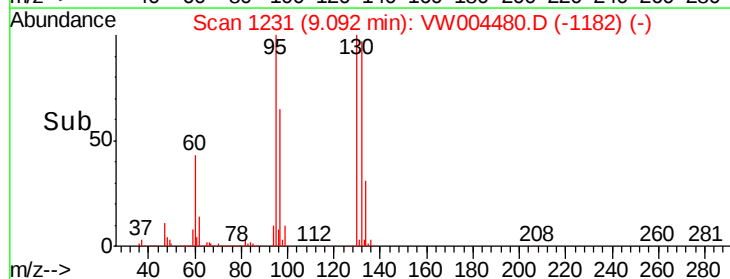
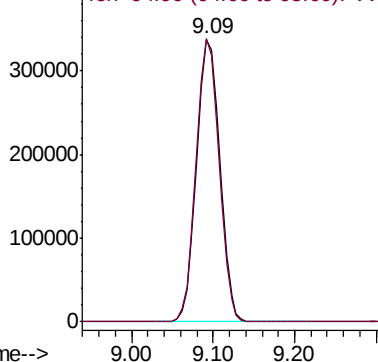
Ion Ratio Lower Upper

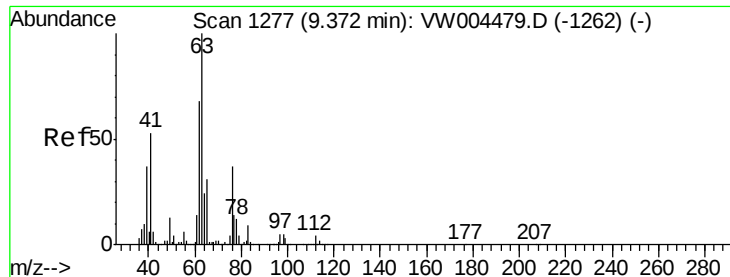
130 100

95 100.3 0.0 196.2



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

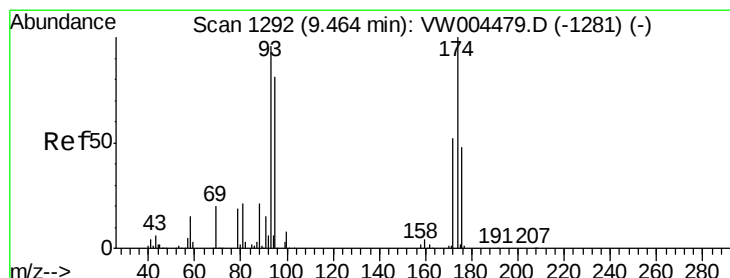
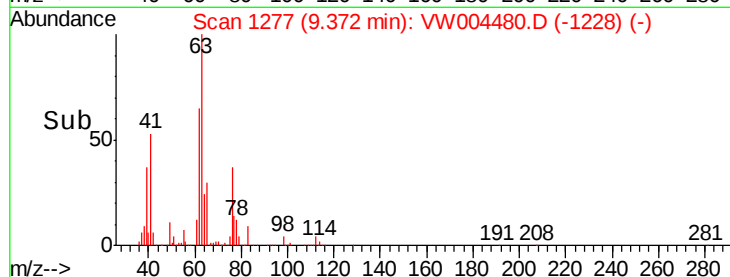
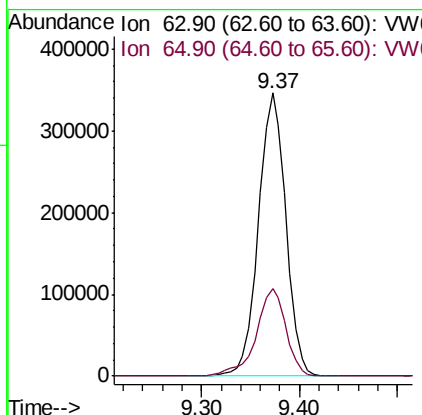
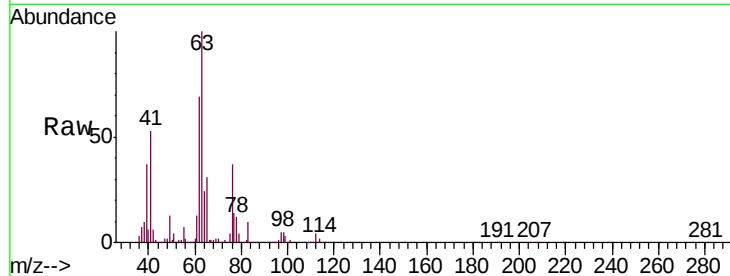




#45
 1,2-Dichloropropane
 Concen: 77.990 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

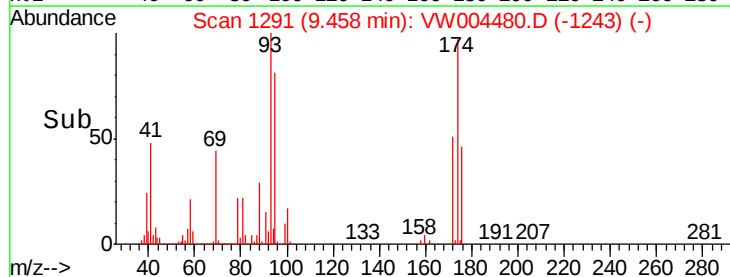
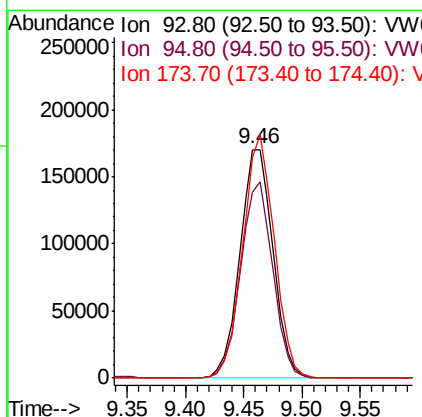
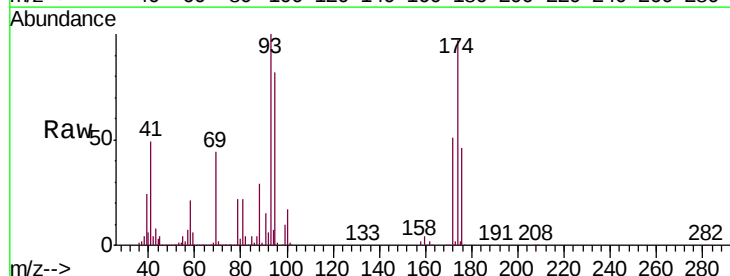
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

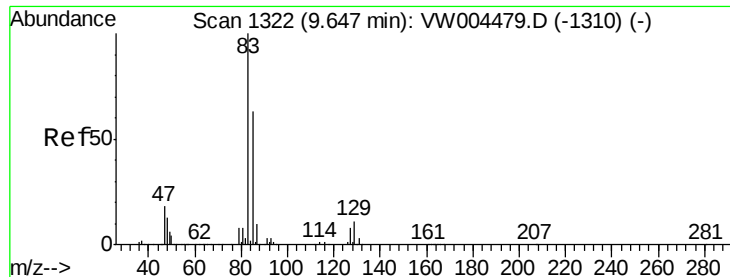
Tgt Ion: 63 Resp: 677476
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.5 36.7



#46
 Dibromomethane
 Concen: 75.910 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 93 Resp: 337565
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 101.7 80.2 120.4





#47

Bromodichloromethane

Concen: 72.520 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

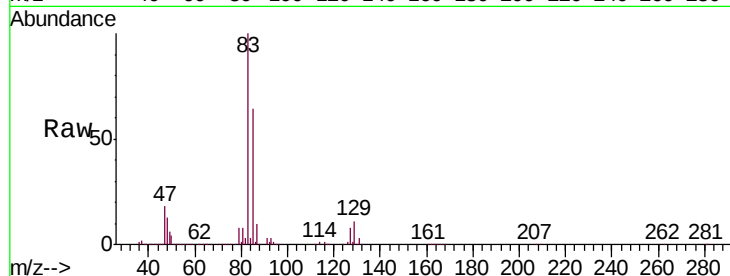
Tgt Ion: 83 Resp: 807424

Ion Ratio Lower Upper

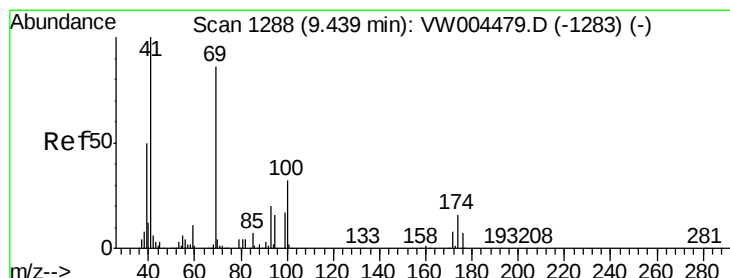
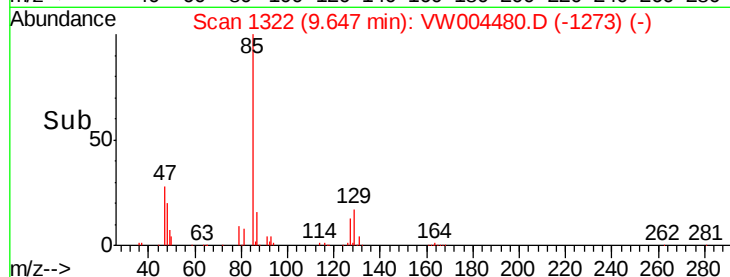
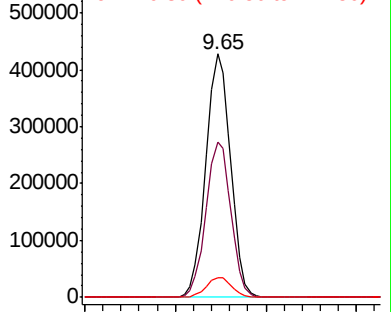
83 100

85 63.9 50.7 76.1

127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 79.877 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

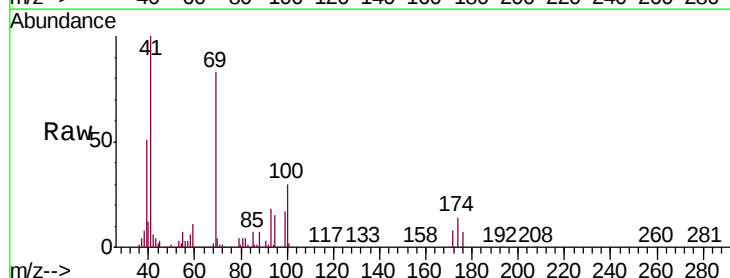
Tgt Ion: 41 Resp: 371966

Ion Ratio Lower Upper

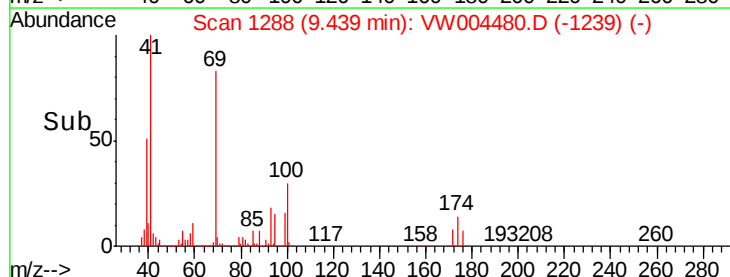
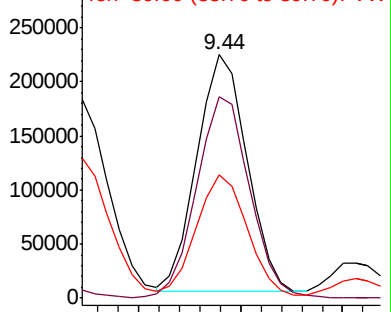
41 100

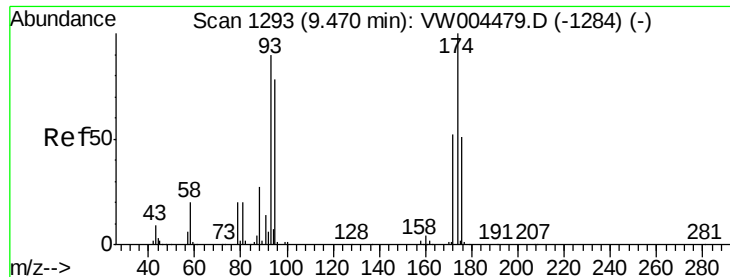
69 90.3 73.2 109.8

39 50.8 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

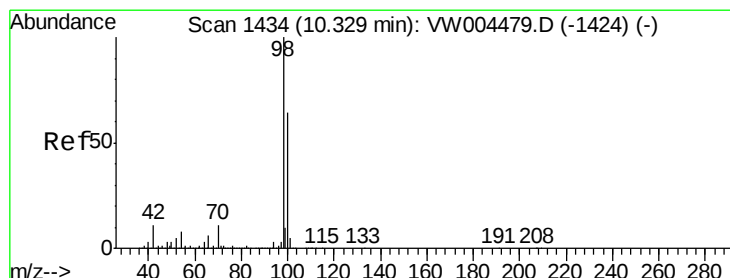
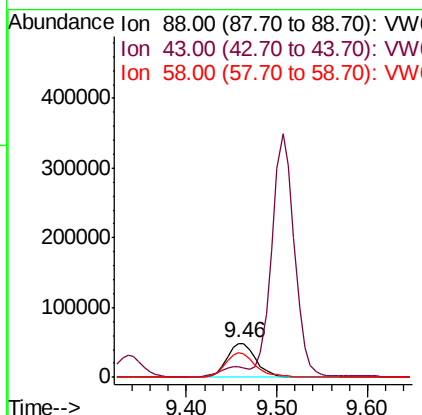
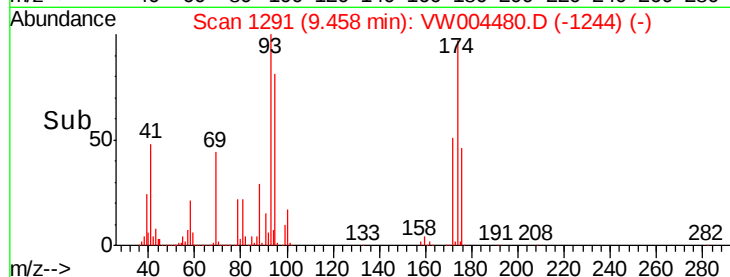
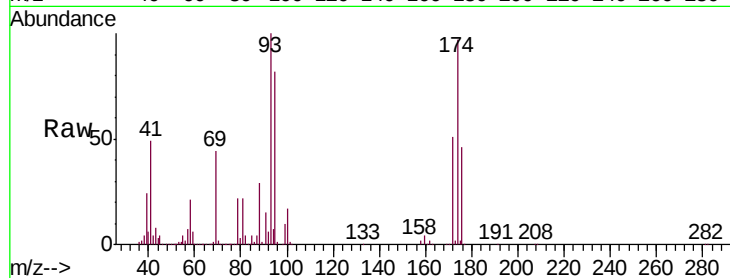




#49
1,4-Dioxane
Concen: 1624.878 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

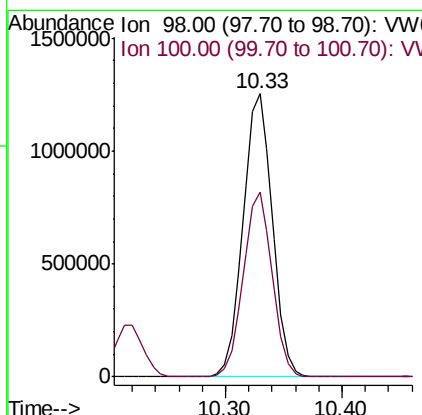
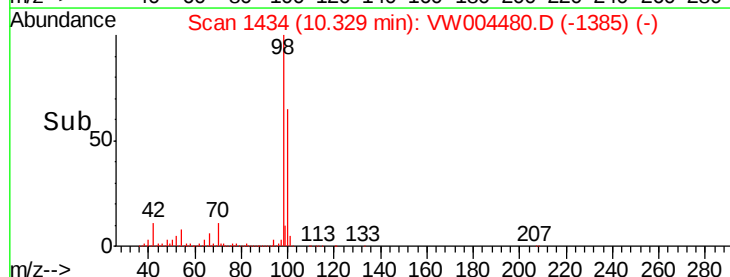
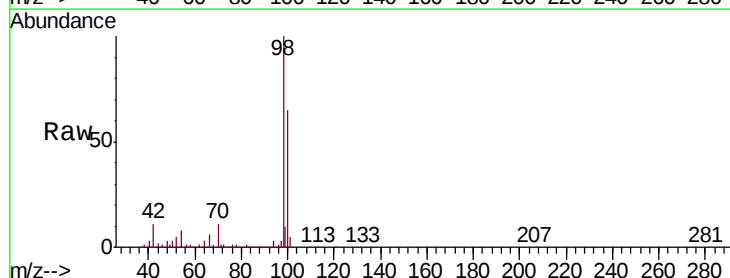
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

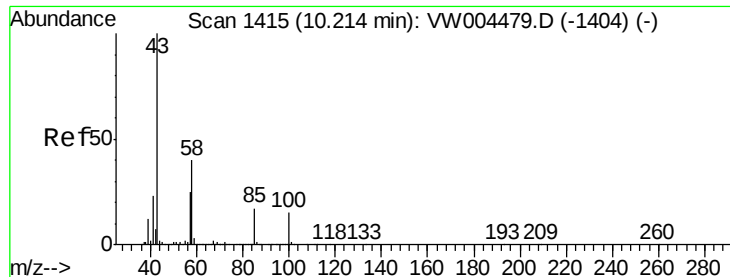
Tgt Ion: 88 Resp: 109805
Ion Ratio Lower Upper
88 100
43 27.8 0.0 0.0#
58 76.0 63.5 95.3



#50
Toluene-d8
Concen: 71.721 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 98 Resp: 2198061
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 505.430 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

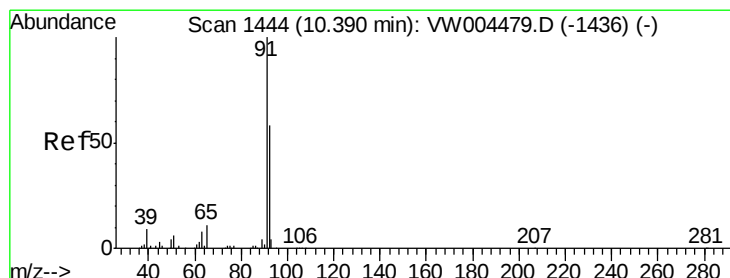
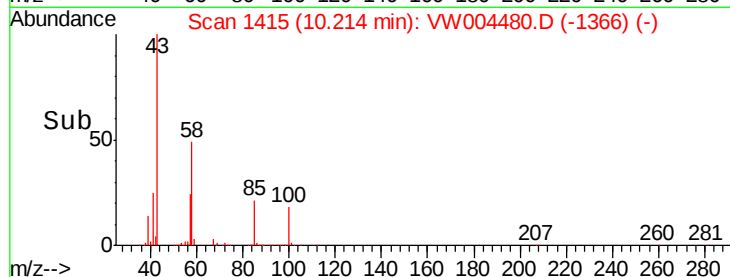
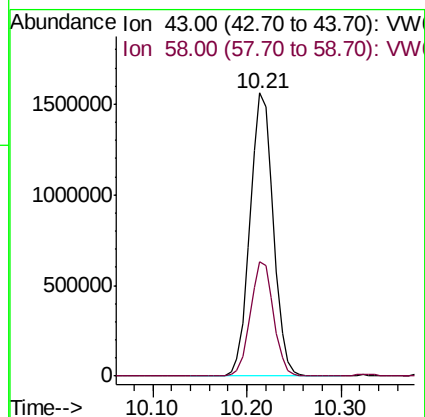
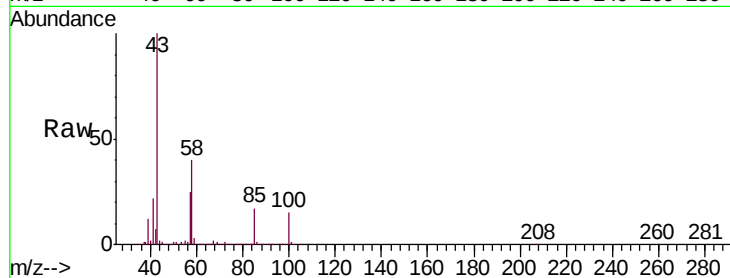
VSTDIC075

Tgt Ion: 43 Resp: 2712699

Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9



#52

Toluene

Concen: 73.722 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004480.D

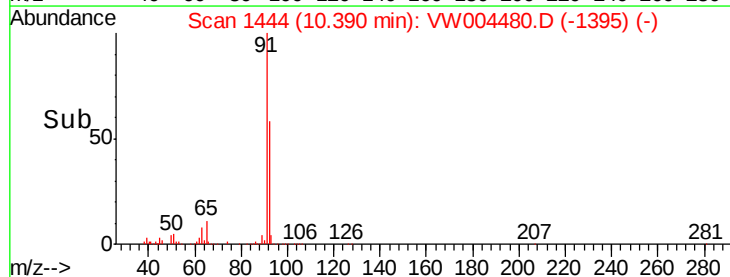
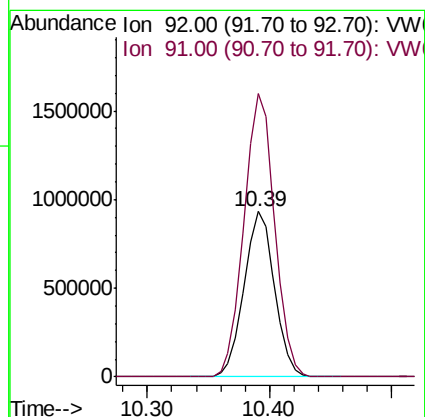
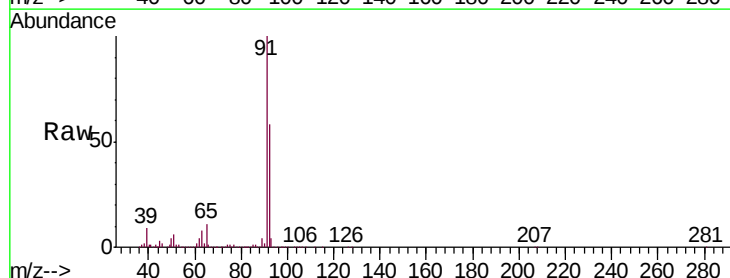
Acq: 06 Aug 2018 20:01

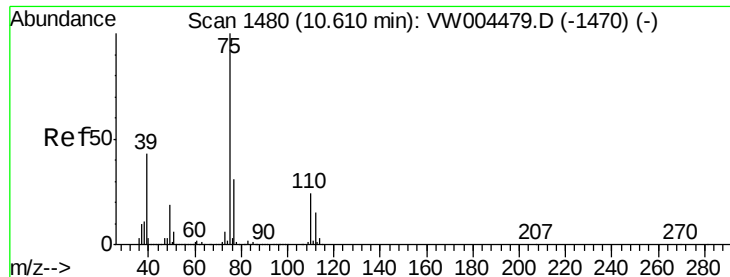
Tgt Ion: 92 Resp: 1608338

Ion Ratio Lower Upper

92 100

91 172.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 74.564 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

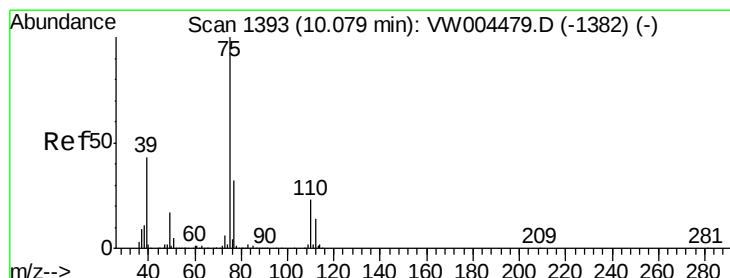
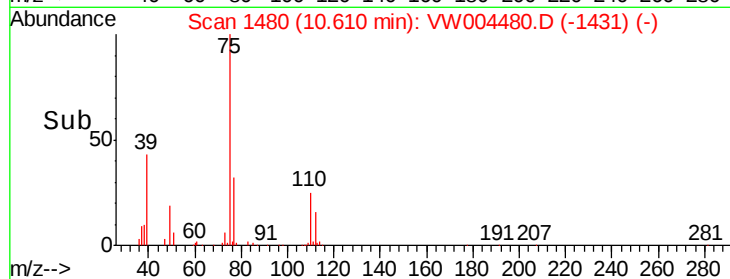
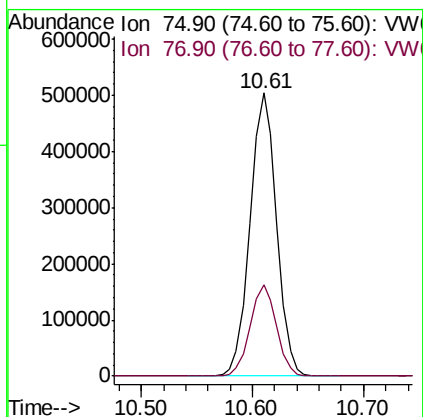
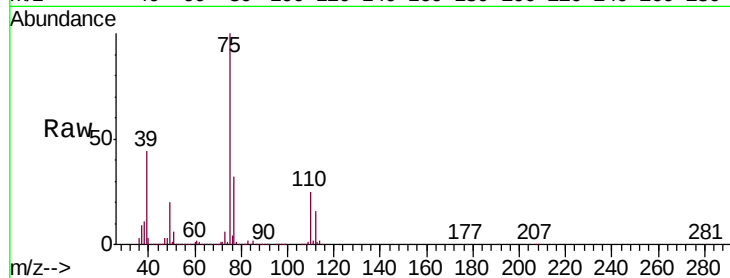
VSTDIC075

Tgt Ion: 75 Resp: 831432

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 75.288 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

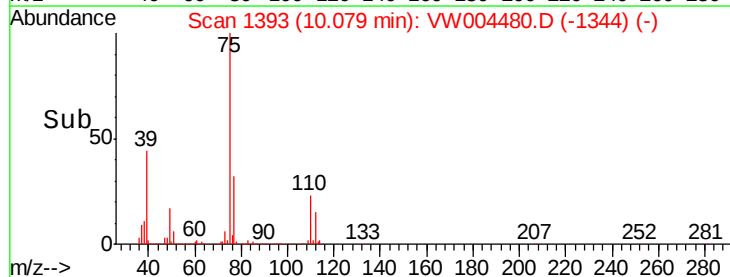
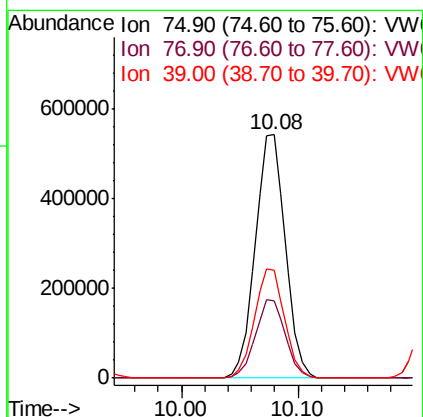
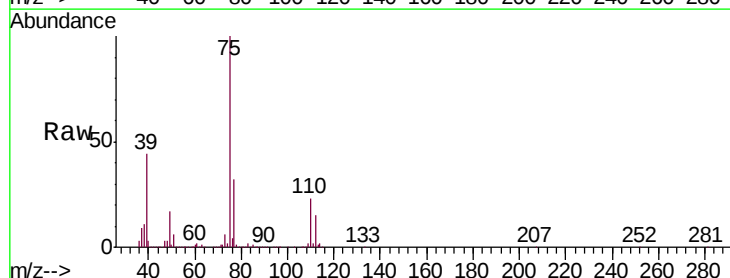
Tgt Ion: 75 Resp: 979460

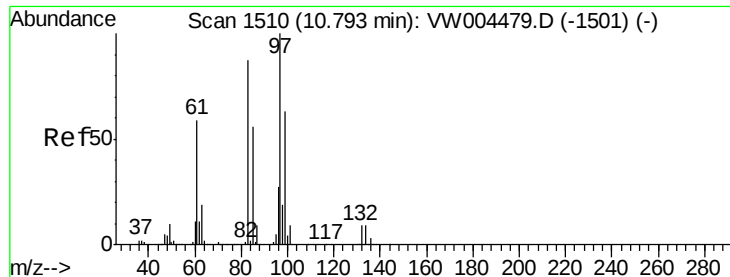
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 44.0 34.5 51.7

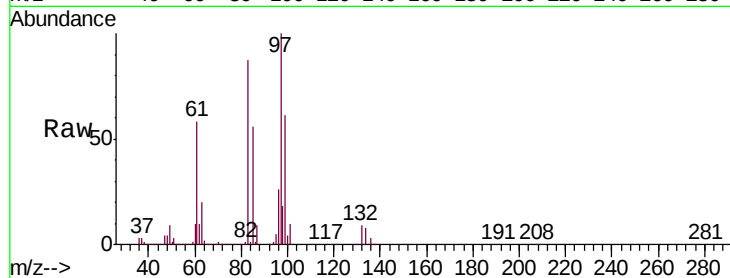




#55
 1,1,2-Trichloroethane
 Concen: 74.947 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	473327
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.8	104.8
85	55.7	45.1	67.7
99	61.3	50.3	75.5



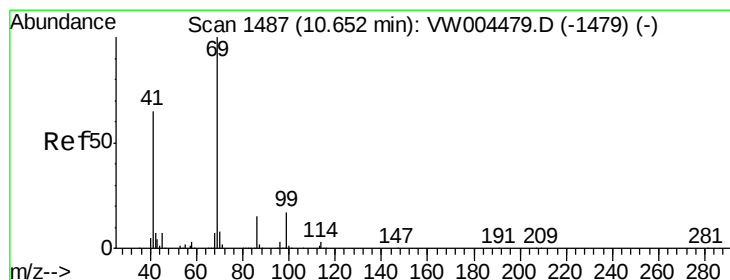
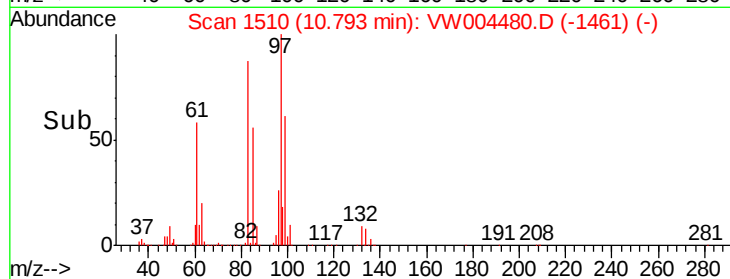
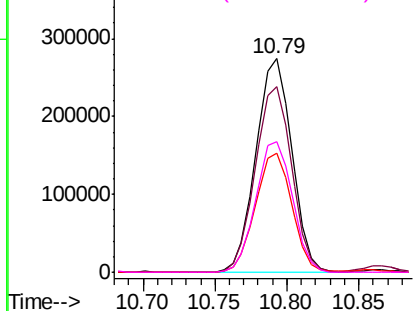
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

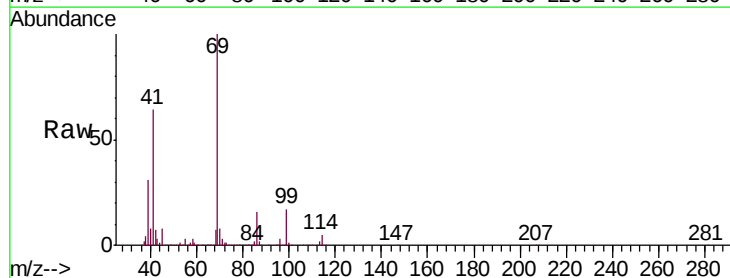
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 83.793 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:	69	Resp:	643257
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.4	78.6
39	28.8	22.7	34.1

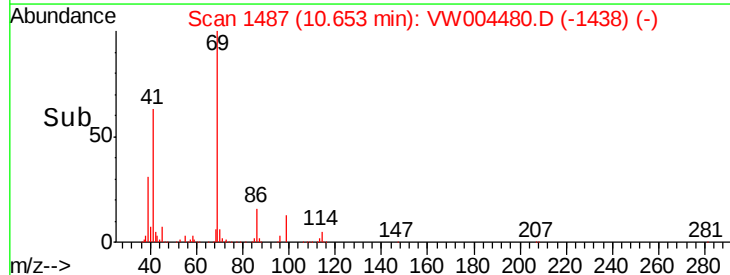
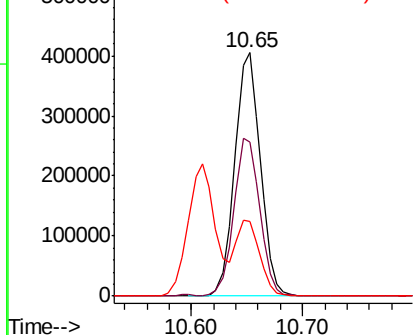


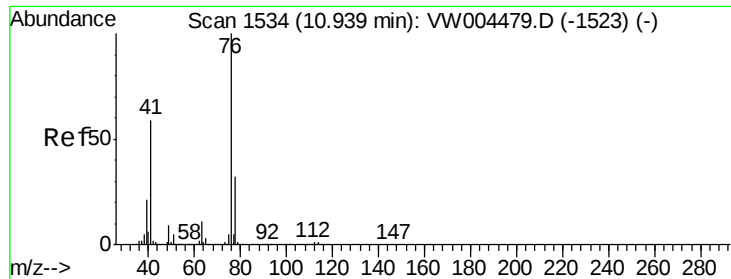
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

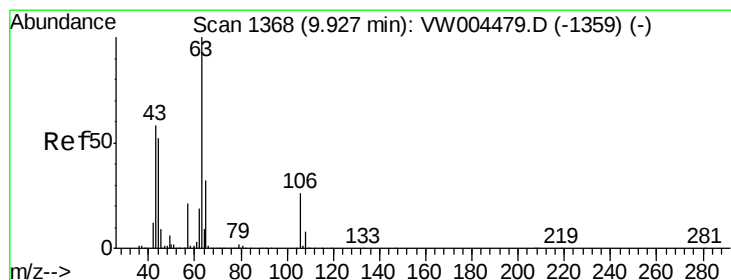
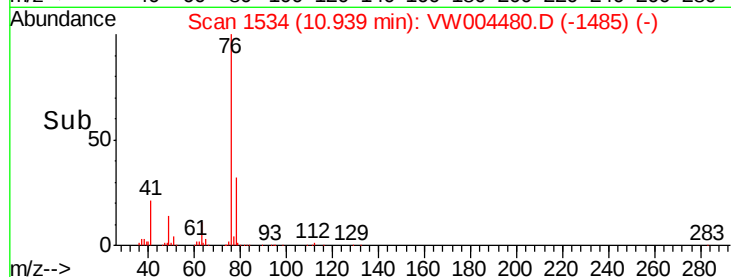
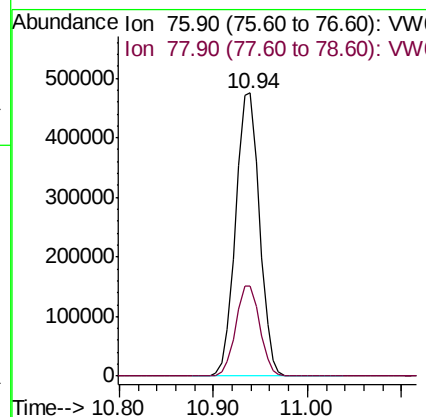
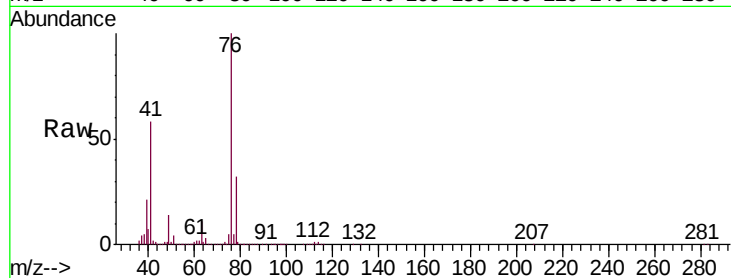




#57
 1,3-Dichloropropane
 Concen: 77.411 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

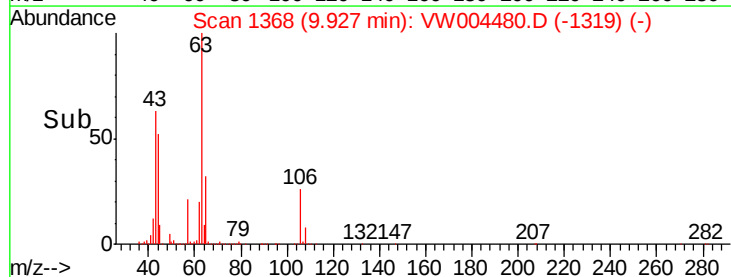
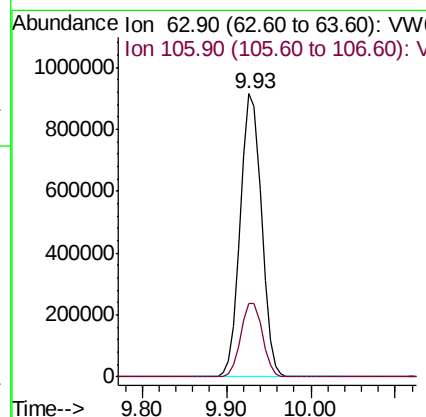
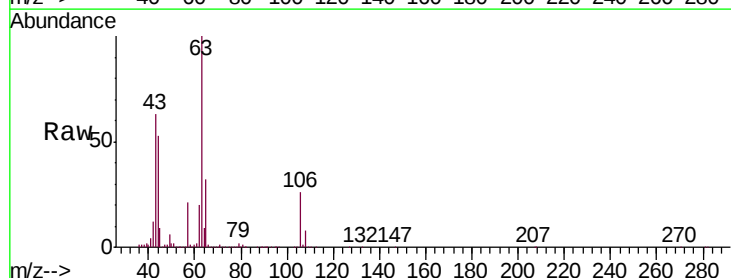
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

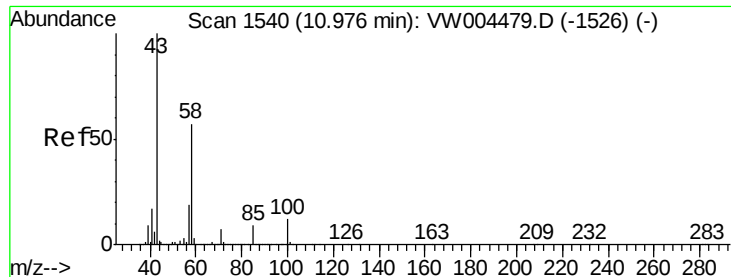
Tgt Ion: 76 Resp: 835689
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 440.634 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 63 Resp: 1548168
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

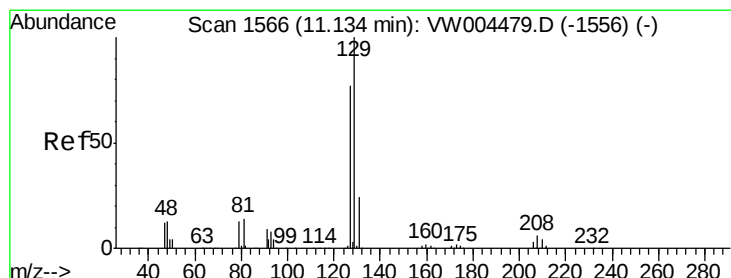
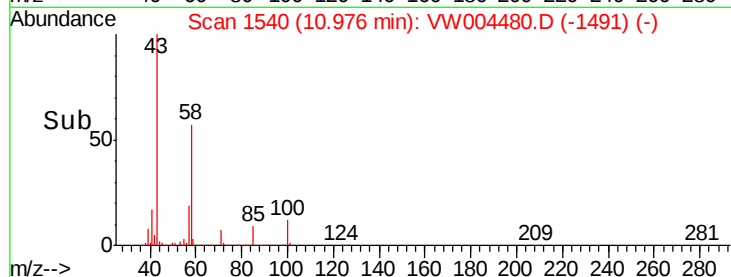
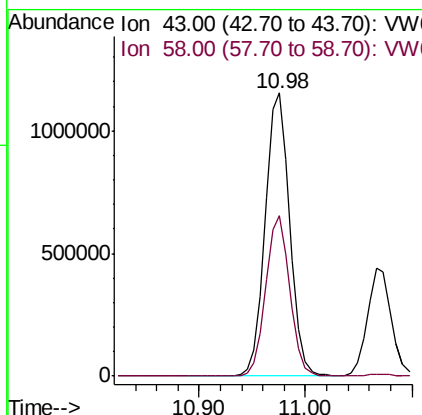
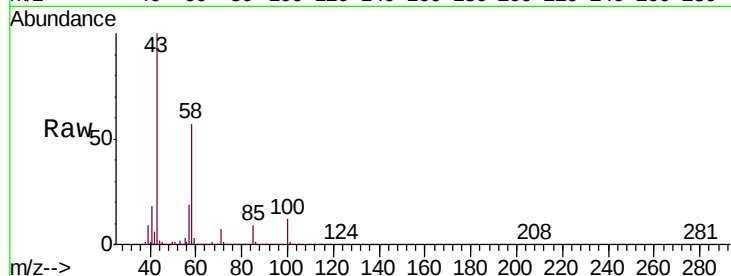




#59
2-Hexanone
Concen: 505.338 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

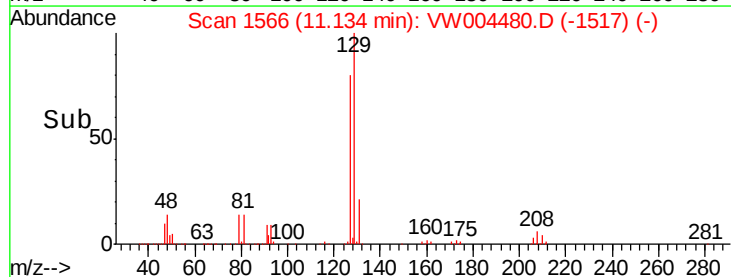
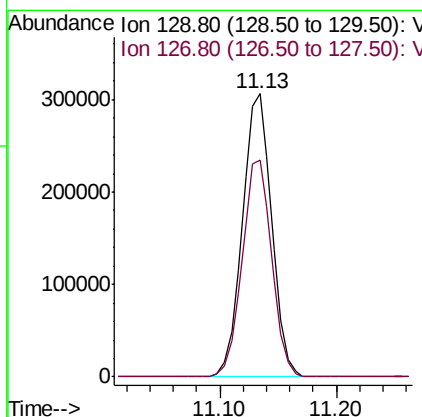
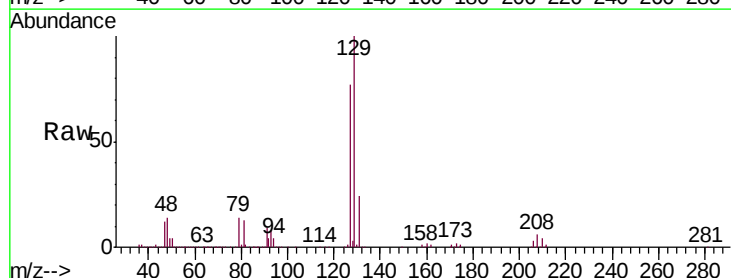
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

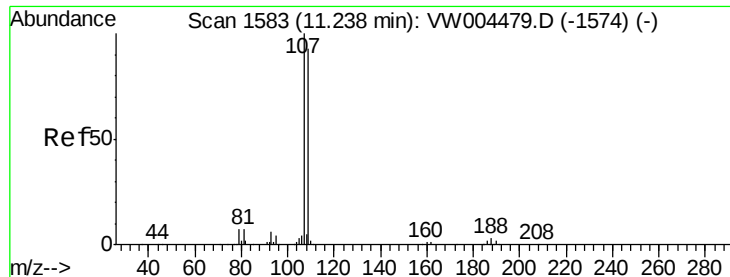
Tgt Ion: 43 Resp: 1856153
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 71.499 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 129 Resp: 536112
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

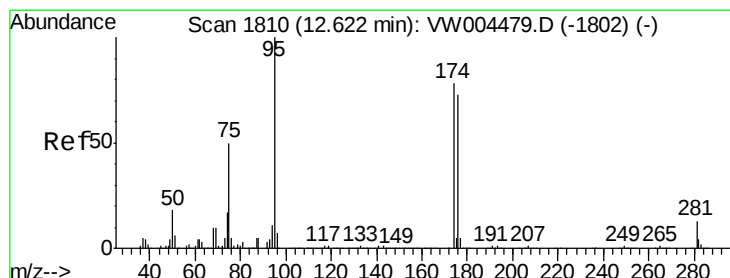
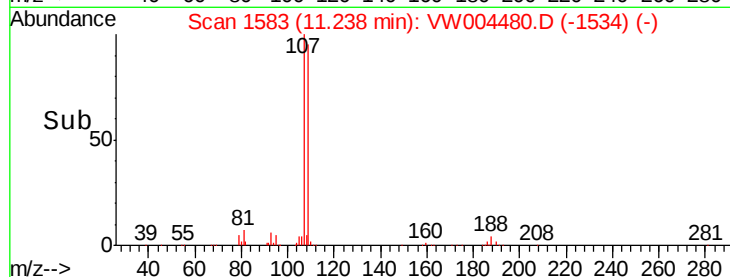
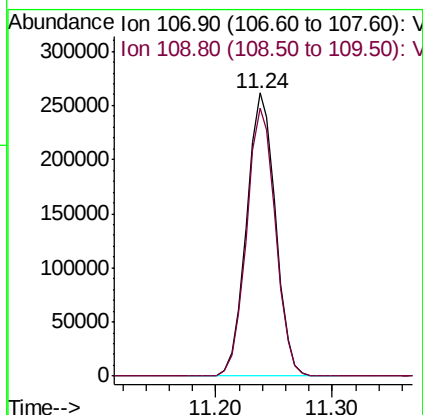
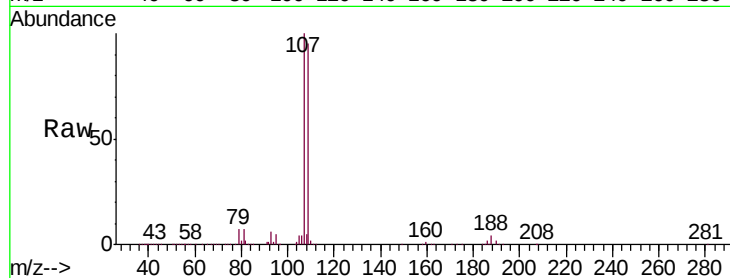




#61
 1,2-Dibromoethane
 Concen: 75.029 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

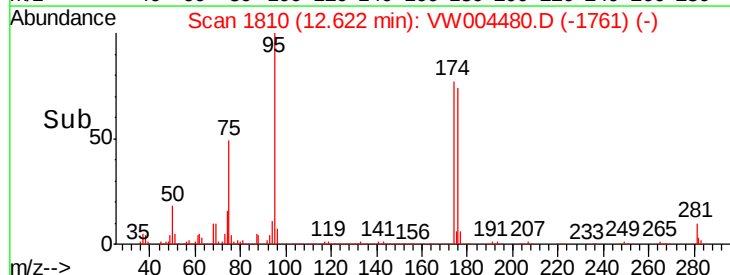
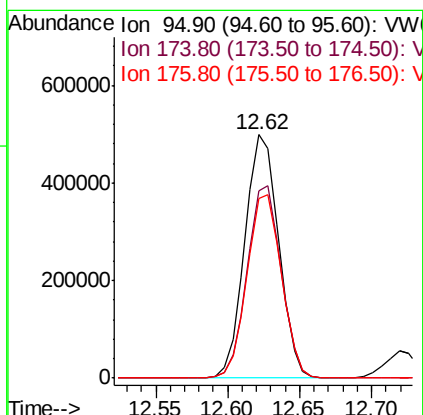
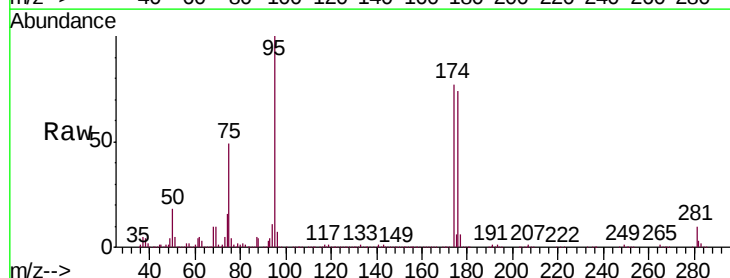
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

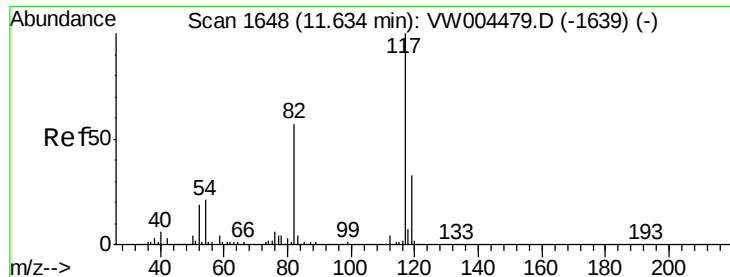
Tgt Ion: 107 Resp: 452691
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 74.298 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 95 Resp: 809567
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 160.4
 176 76.6 0.0 153.2

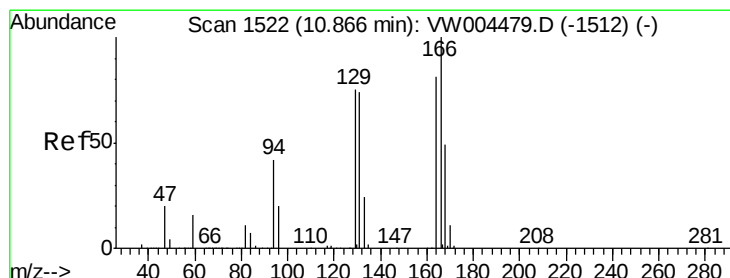
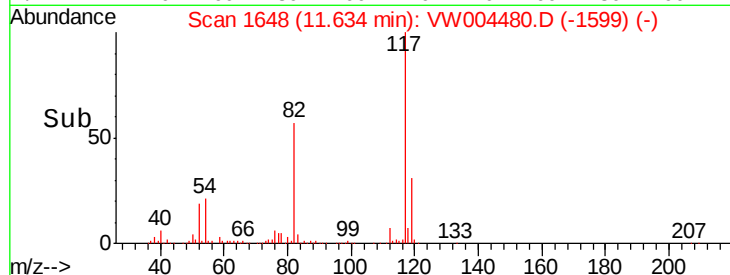
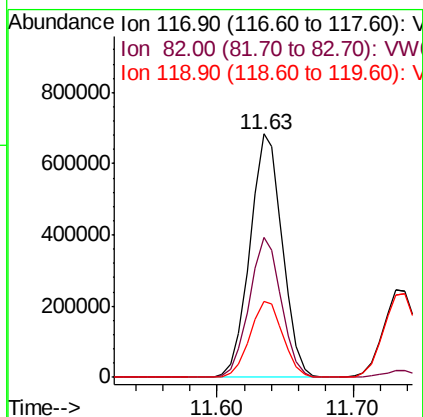
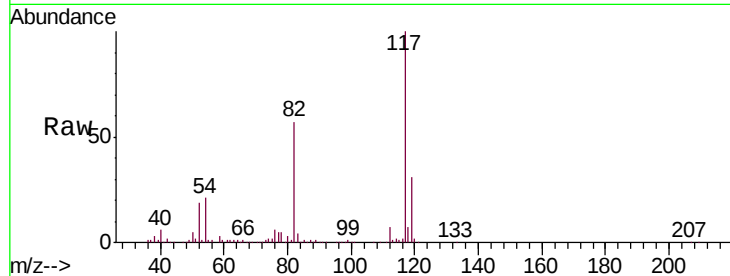




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

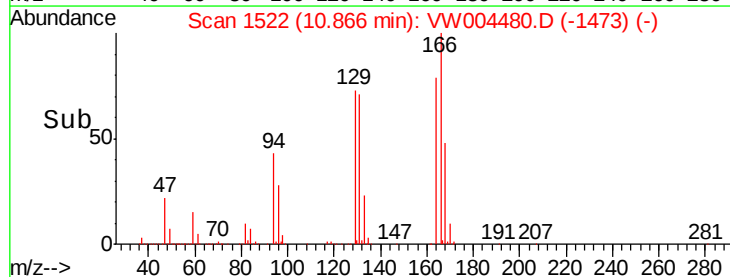
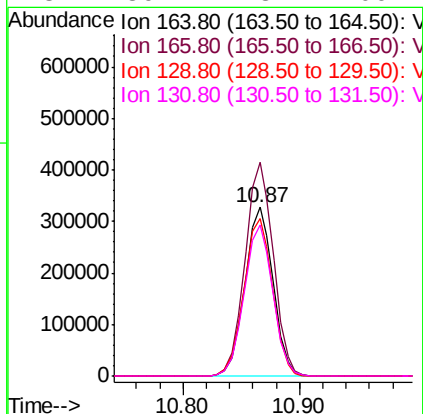
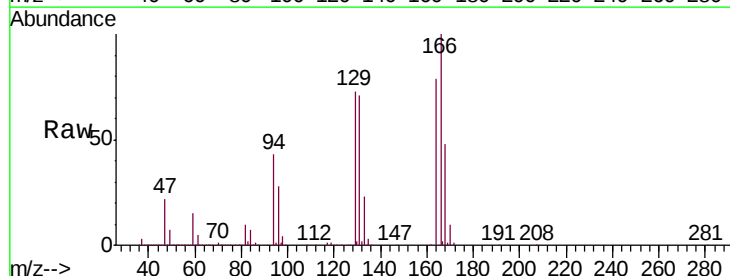
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

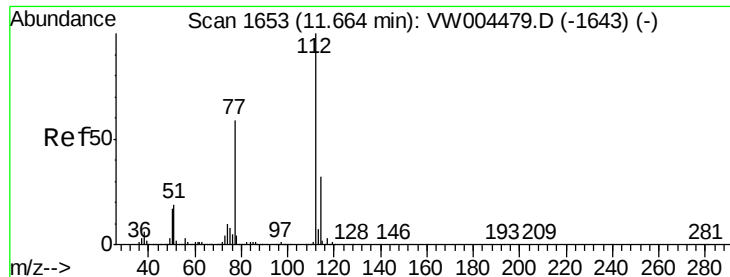
Tgt Ion:117 Resp: 1139600
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 66.681 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion:164 Resp: 552920
Ion Ratio Lower Upper
164 100
166 126.4 98.4 147.6
129 92.9 73.6 110.4
131 89.2 73.1 109.7





#65

Chlorobenzene

Concen: 72.993 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

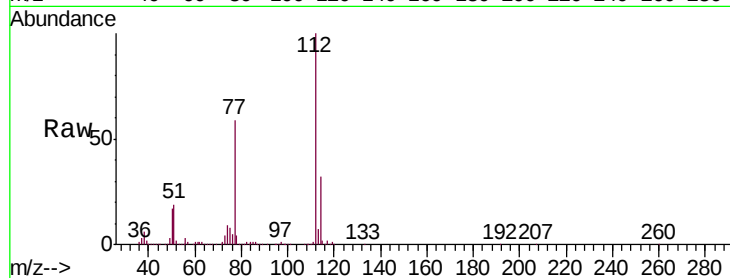
VSTDIC075

Tgt Ion:112 Resp: 1751816

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

1200000

1000000

800000

600000

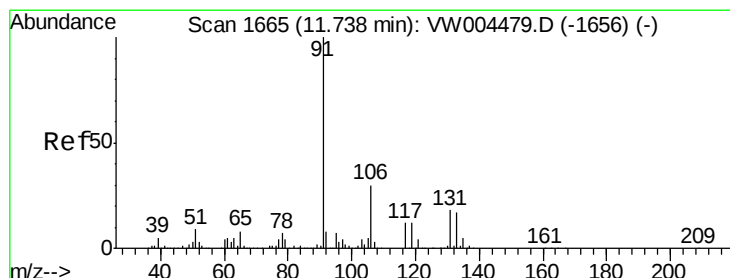
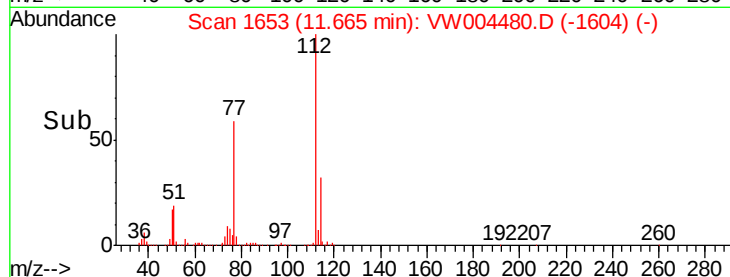
400000

200000

0

11.66

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 70.952 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

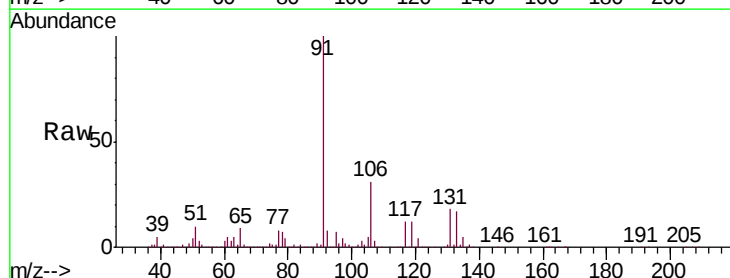
Tgt Ion:131 Resp: 601280

Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 67.7 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

300000

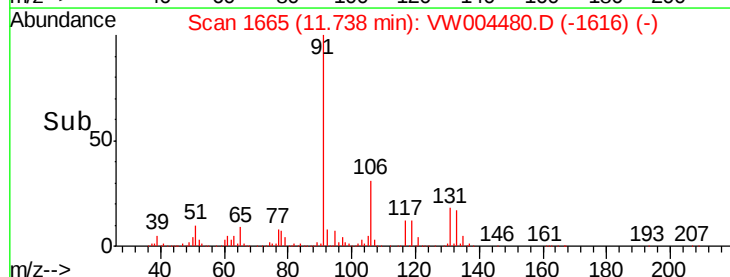
200000

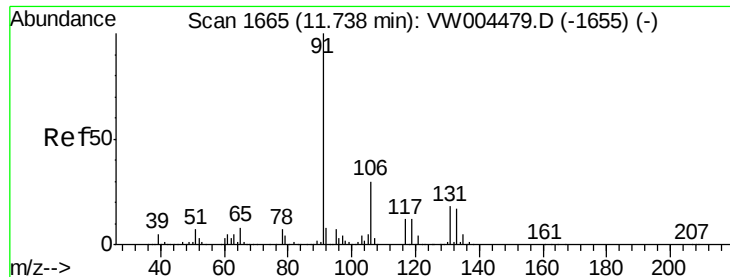
100000

0

11.74

Time-->

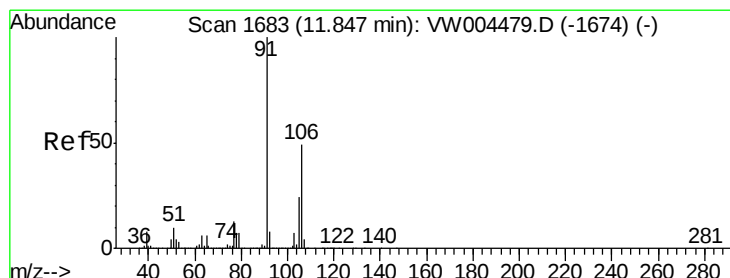
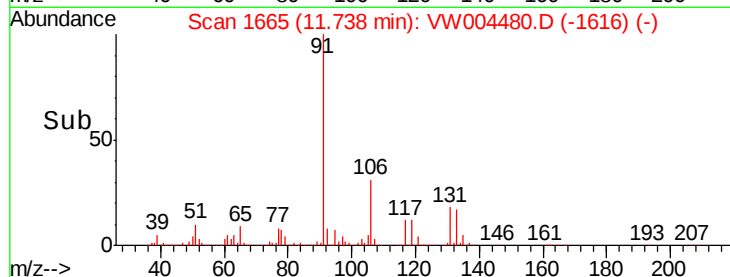
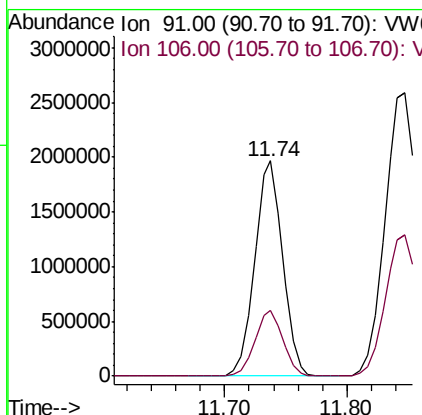
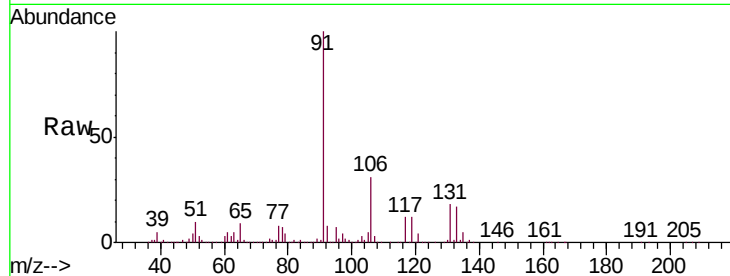




#67
Ethyl Benzene
Concen: 74.354 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

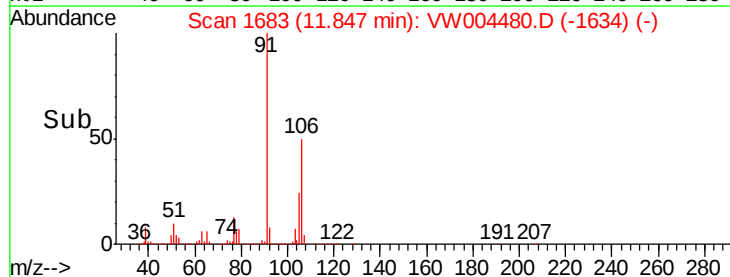
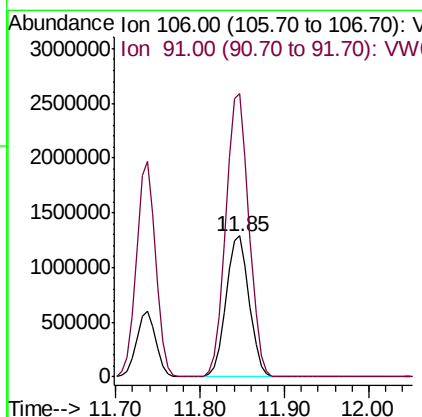
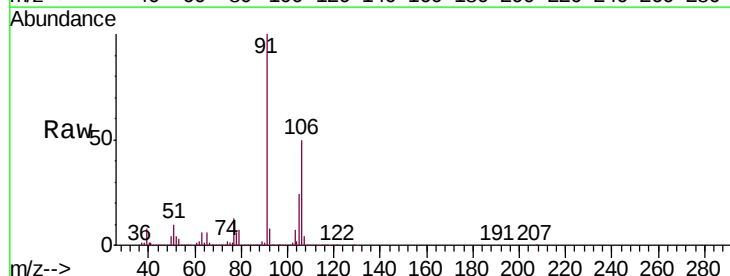
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

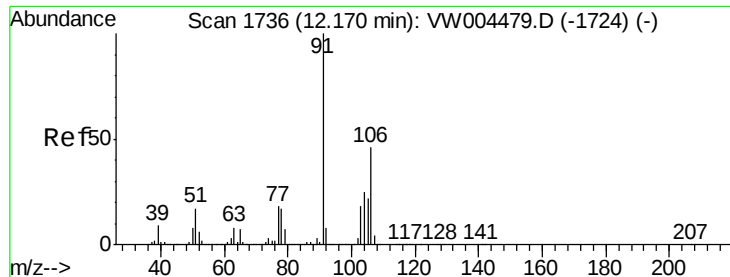
Tgt Ion: 91 Resp: 3123379
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2



#68
m/p-Xylenes
Concen: 149.349 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 106 Resp: 2407447
Ion Ratio Lower Upper
106 100
91 201.4 162.8 244.2

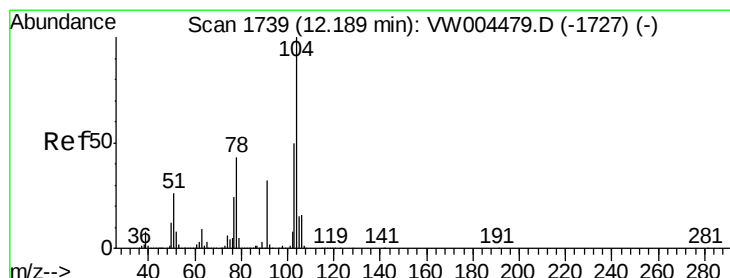
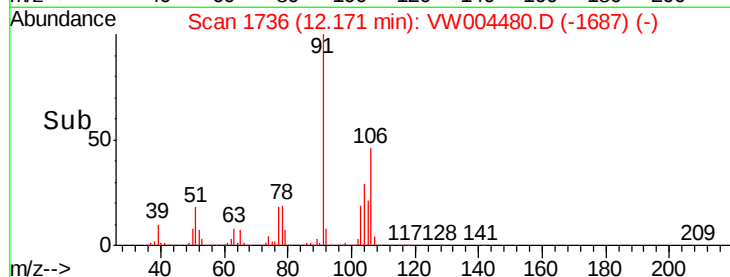
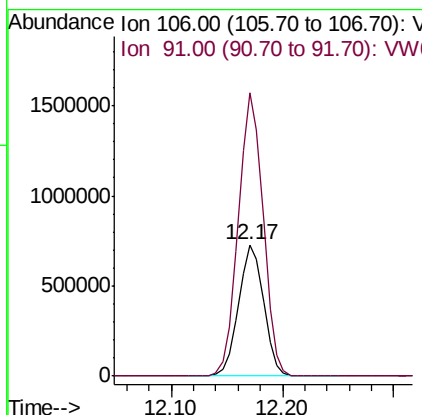
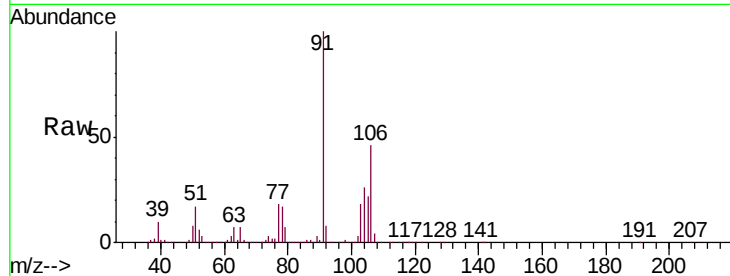




#69
o-Xylene
Concen: 76.276 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

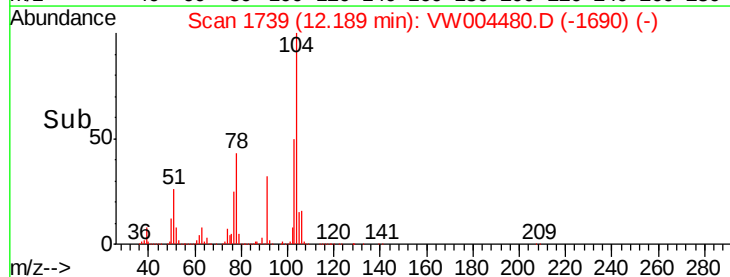
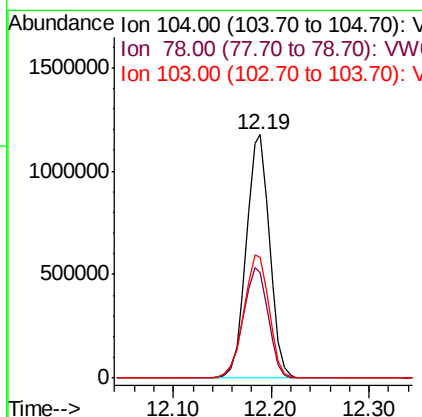
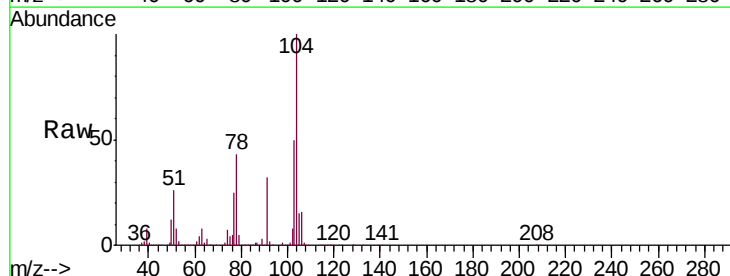
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

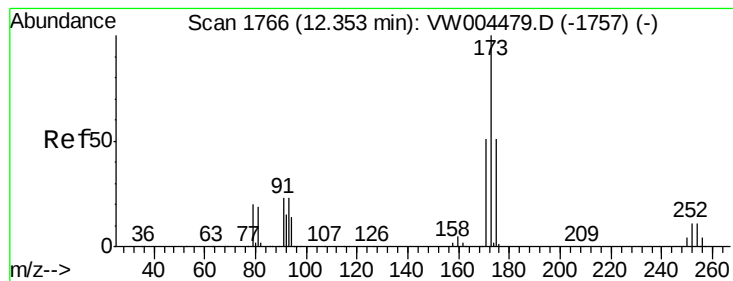
Tgt Ion:106 Resp: 1136982
Ion Ratio Lower Upper
106 100
91 213.6 106.7 320.2



#70
Styrene
Concen: 76.405 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion:104 Resp: 1931576
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 69.084 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

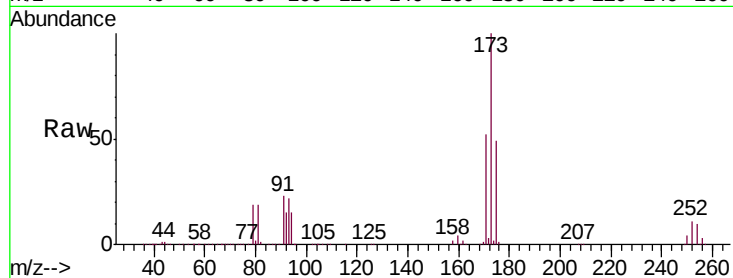
Tgt Ion:173 Resp: 327344

Ion Ratio Lower Upper

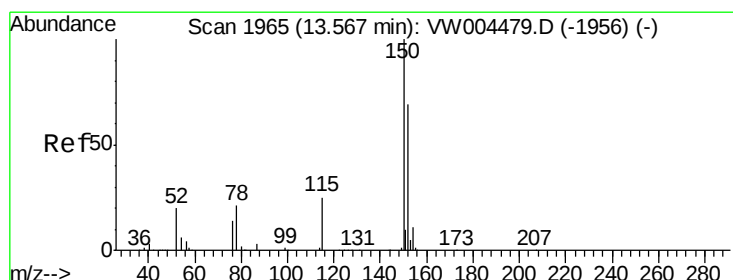
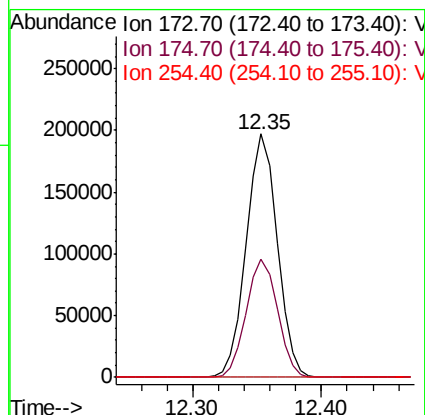
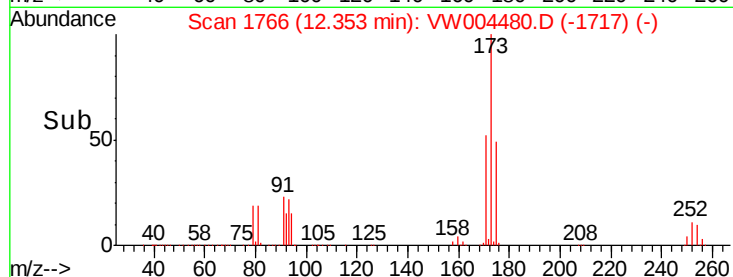
173 100

175 49.1 24.5 73.5

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

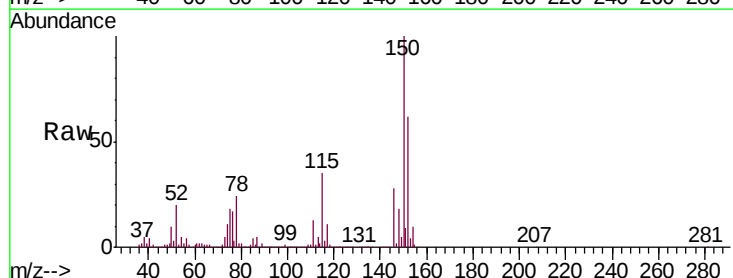
Tgt Ion:152 Resp: 601591

Ion Ratio Lower Upper

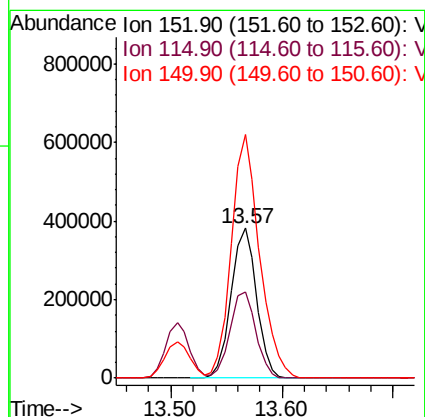
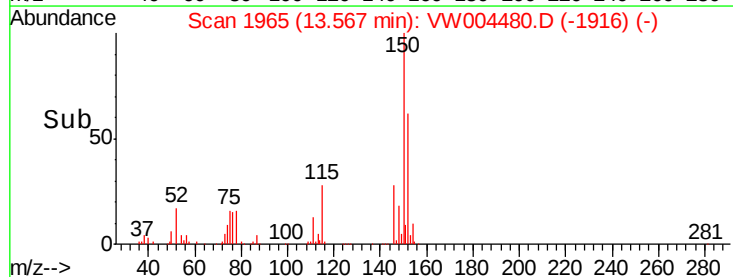
152 100

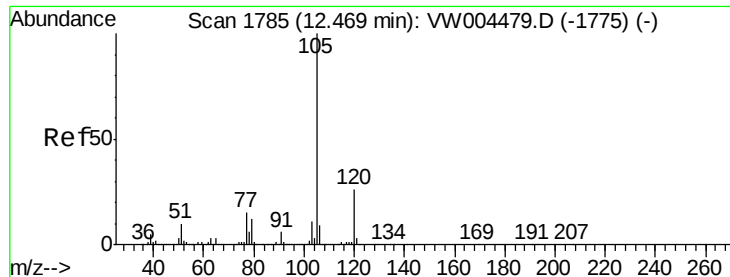
115 58.2 29.1 87.3

150 180.2 0.0 349.6



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





#73

Isopropylbenzene

Concen: 74.262 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

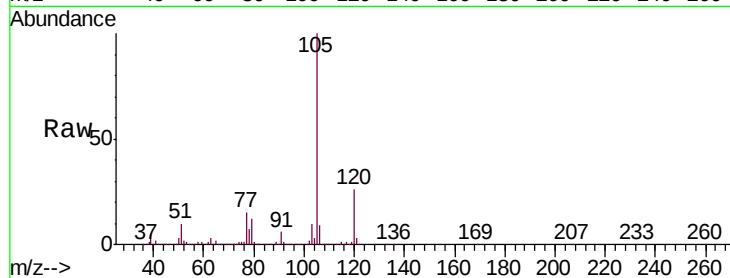
VSTDIC075

Tgt Ion:105 Resp: 3116314

Ion Ratio Lower Upper

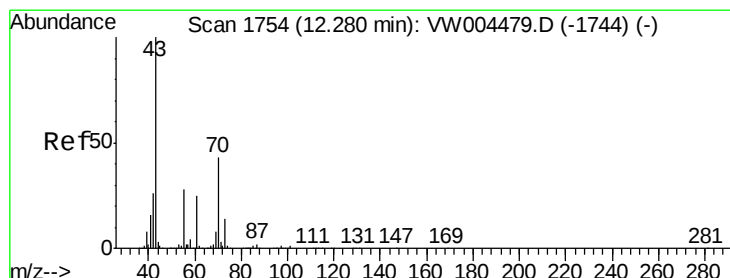
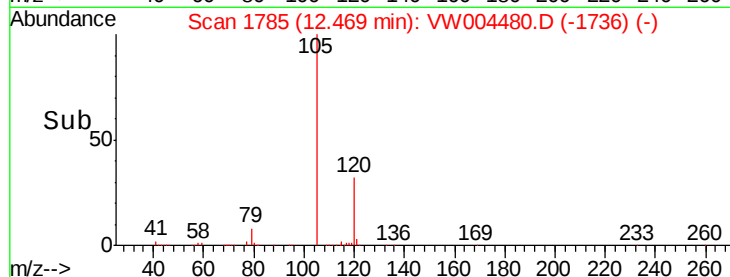
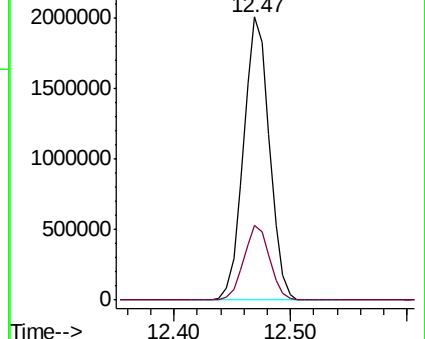
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 82.474 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion: 43 Resp: 760261

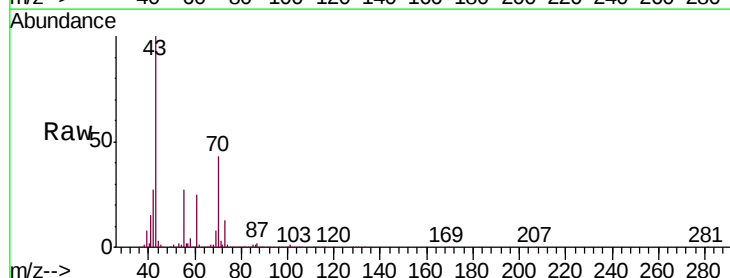
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 27.3 22.9 34.3

61 24.3 19.7 29.5

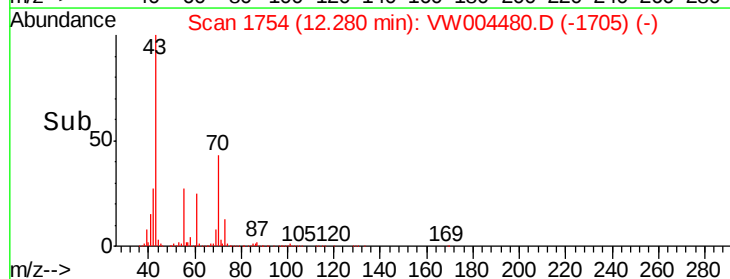
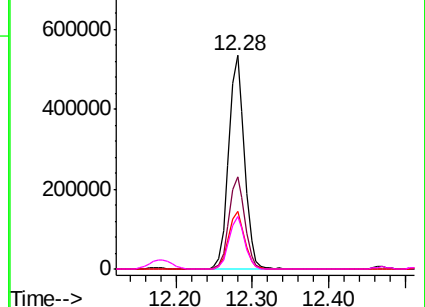


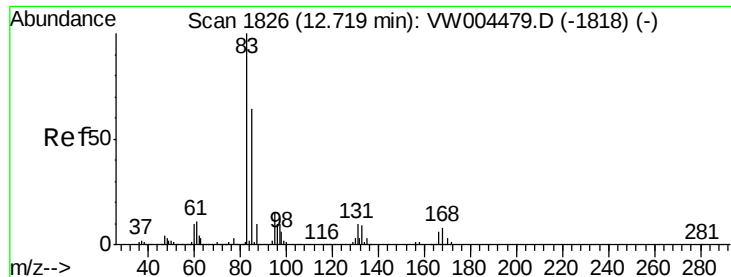
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 79.620 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

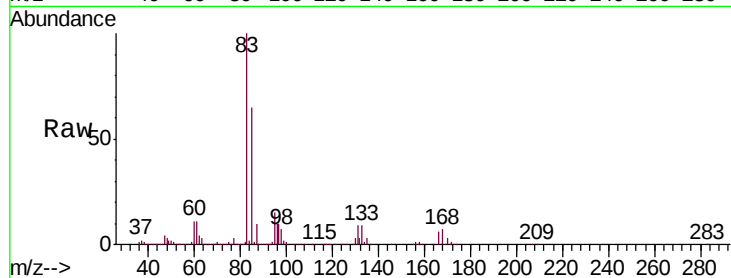
Tgt Ion: 83 Resp: 598842

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

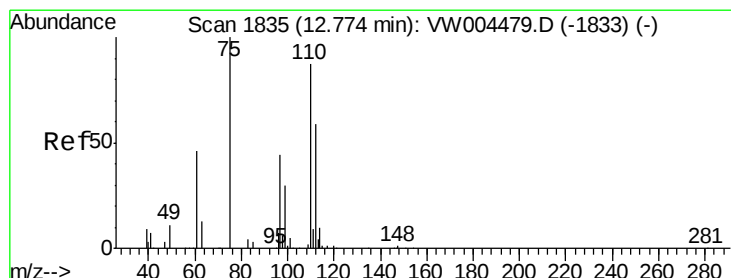
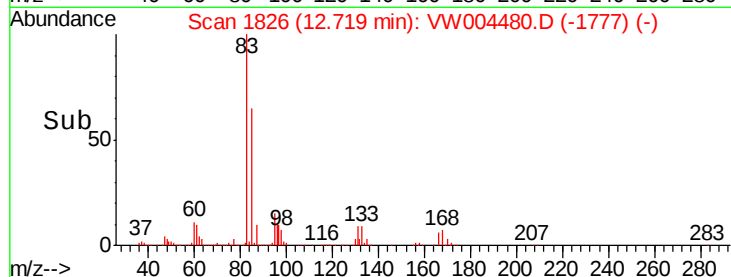
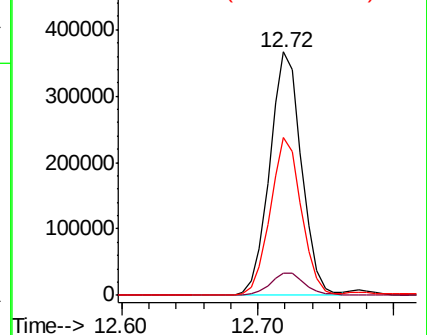
85 63.7 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 143.846 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004480.D

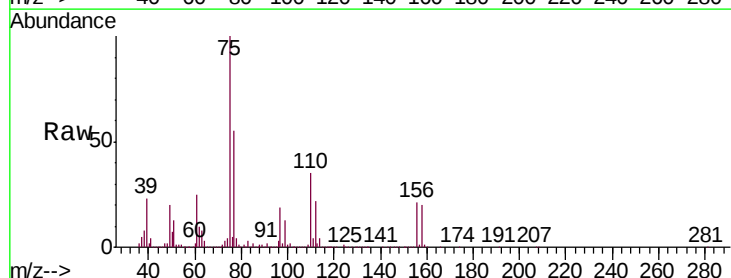
Acq: 06 Aug 2018 20:01

Tgt Ion: 75 Resp: 782030

Ion Ratio Lower Upper

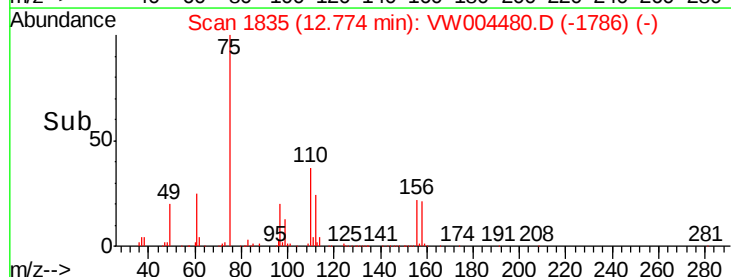
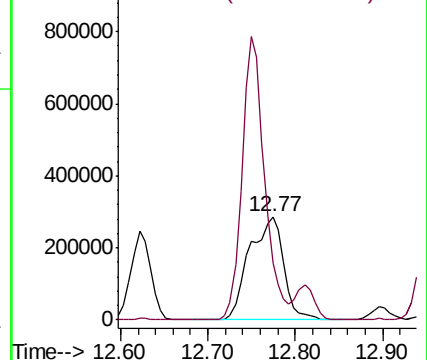
75 100

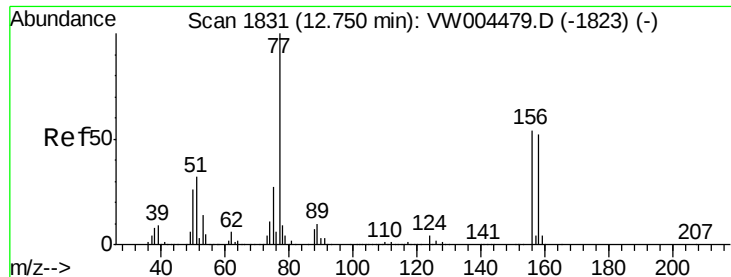
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 71.266 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

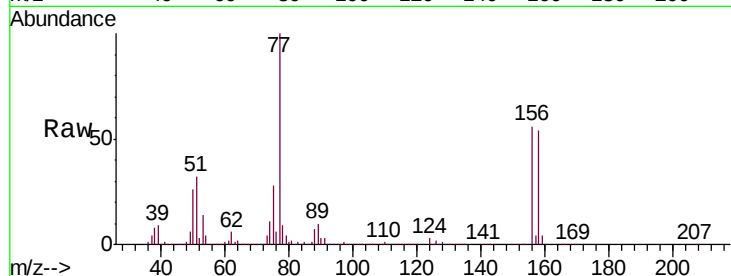
Tgt Ion:156 Resp: 719545

Ion Ratio Lower Upper

156 100

77 196.7 98.7 296.1

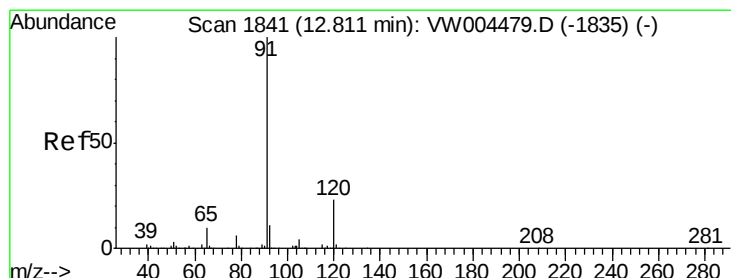
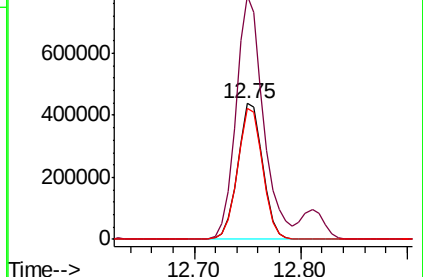
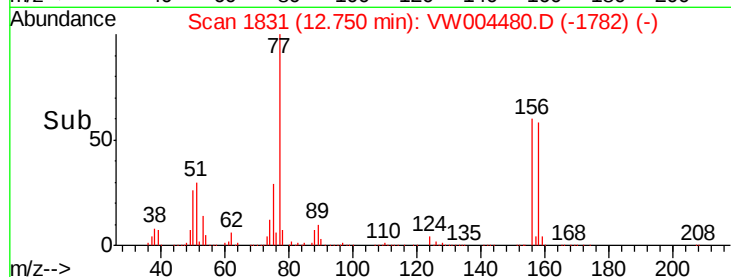
158 97.0 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 74.864 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004480.D

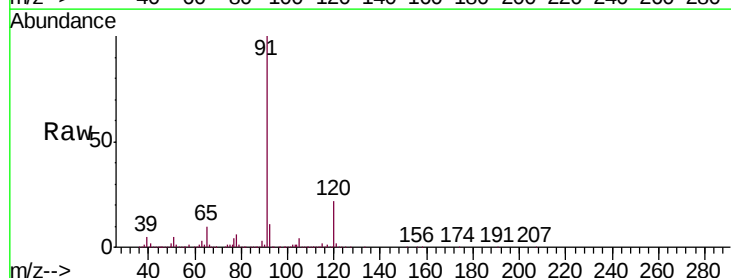
Acq: 06 Aug 2018 20:01

Tgt Ion: 91 Resp: 3819144

Ion Ratio Lower Upper

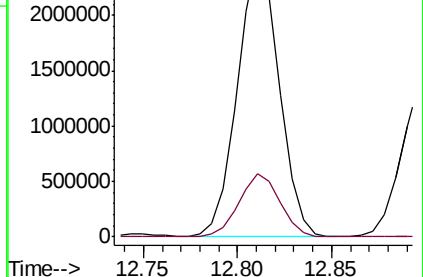
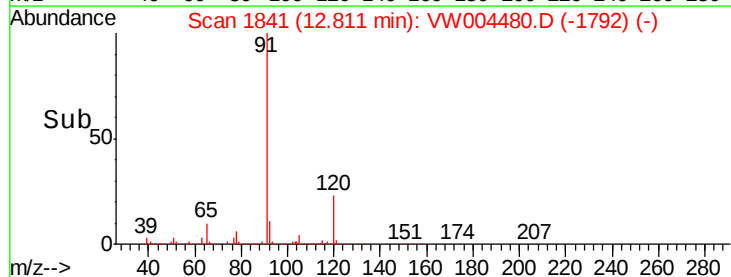
91 100

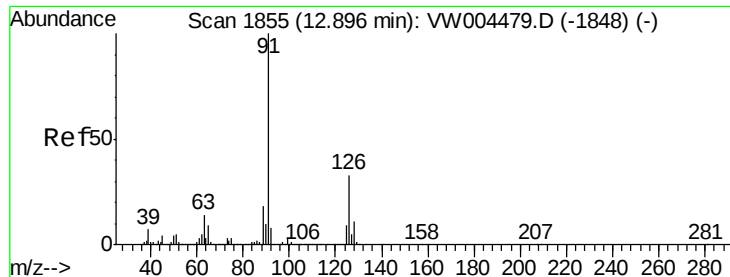
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

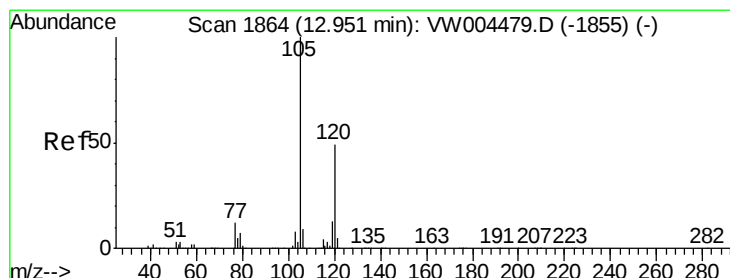
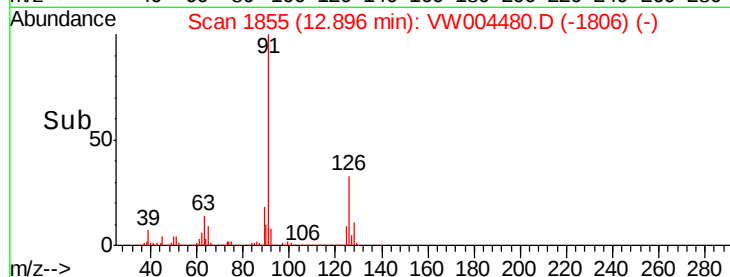
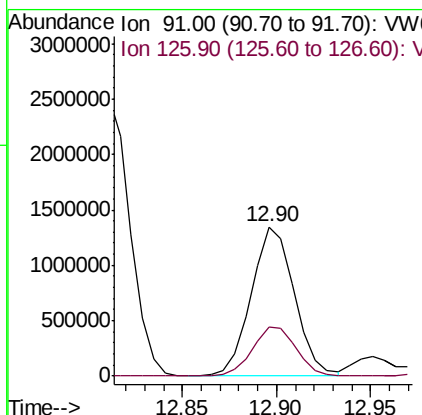
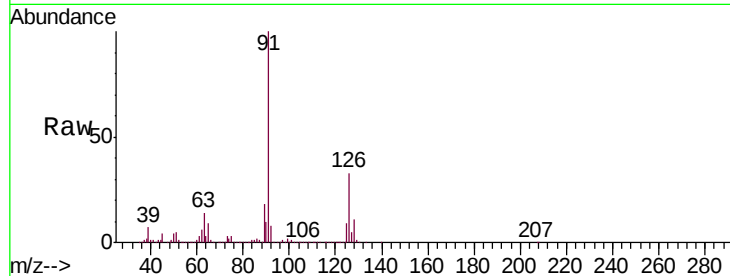




#79
 2-Chlorotoluene
 Concen: 73.171 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

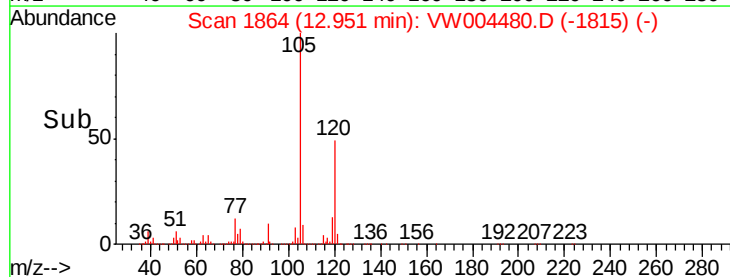
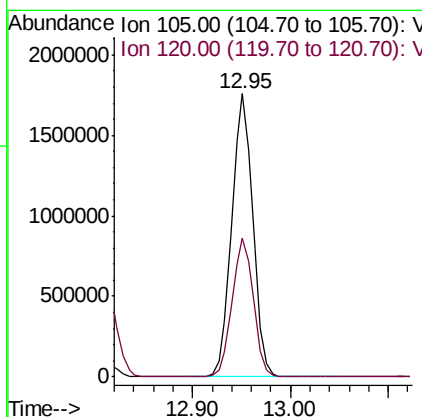
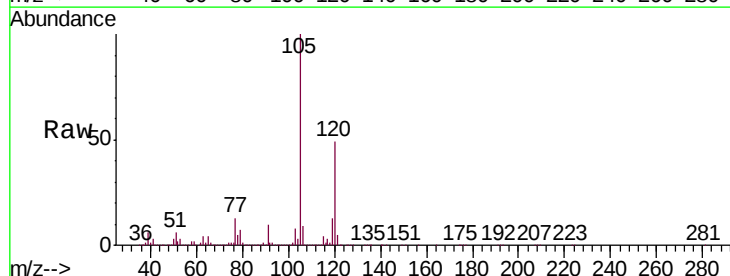
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

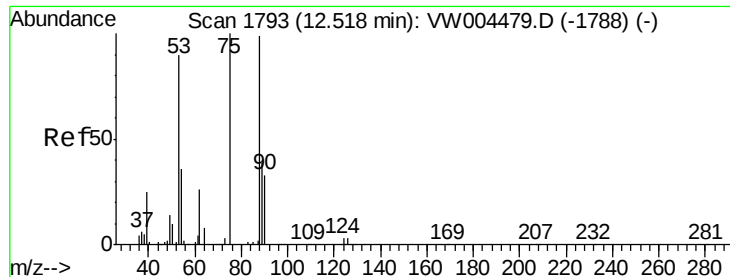
Tgt Ion: 91 Resp: 2138871
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 72.556 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 105 Resp: 2621521
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8

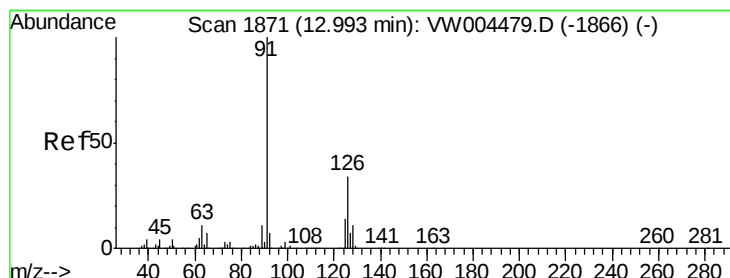
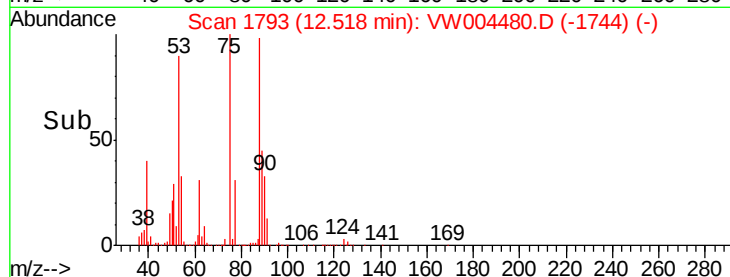
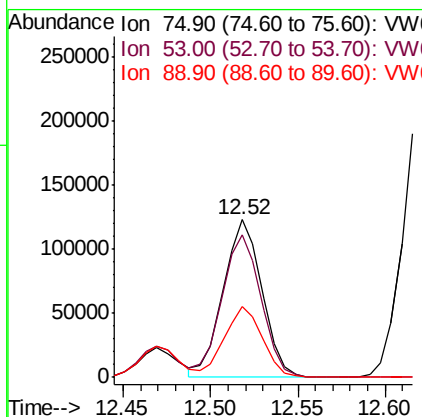
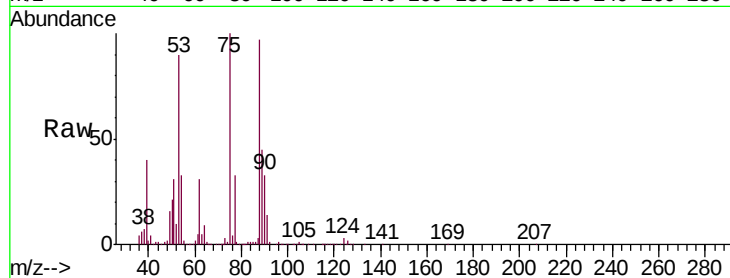




#81
trans-1,4-Dichloro-2-butene
Concen: 78.670 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

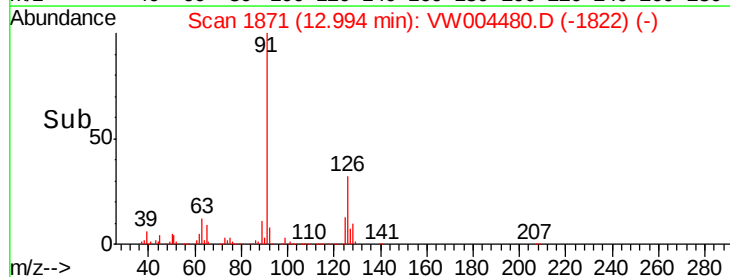
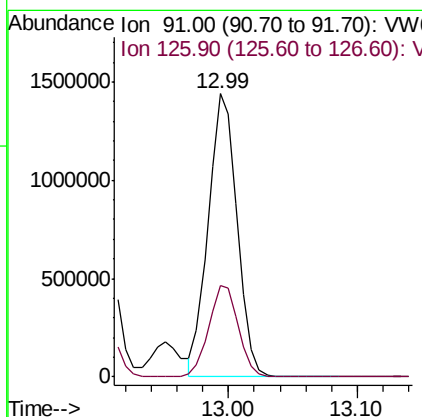
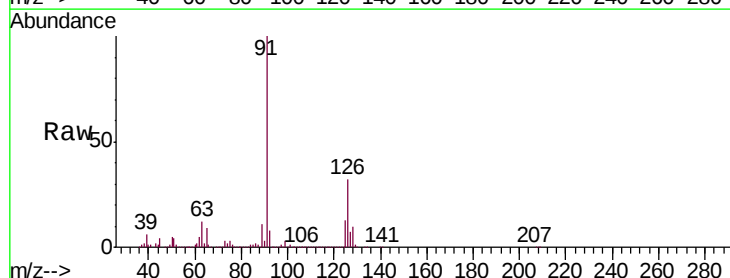
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

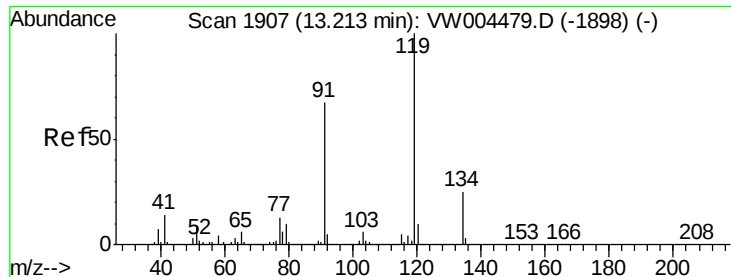
Tgt Ion: 75 Resp: 188585
Ion Ratio Lower Upper
75 100
53 92.3 74.4 111.6
89 44.1 35.9 53.9



#82
4-Chlorotoluene
Concen: 72.372 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 91 Resp: 2250954
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

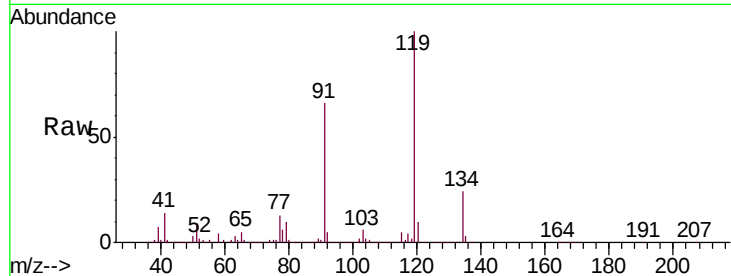




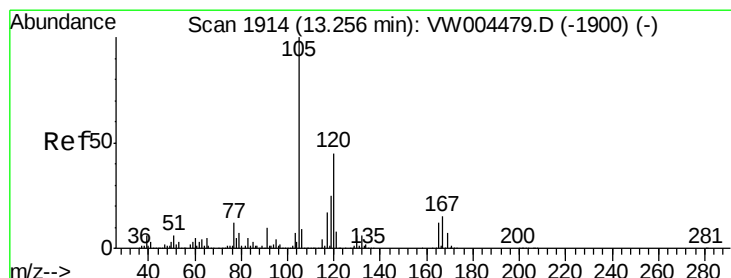
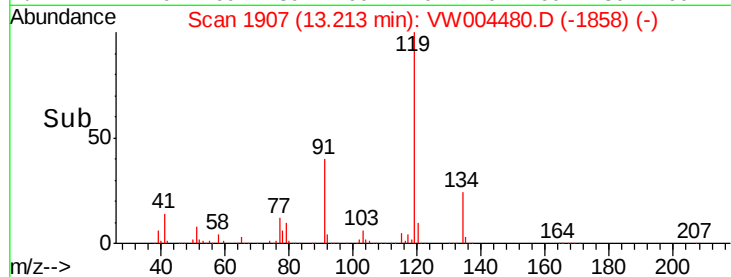
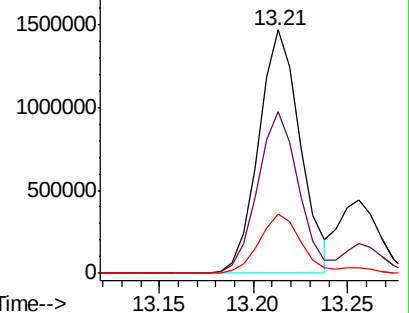
#83
 tert-Butylbenzene
 Concen: 74.994 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:119 Resp: 2253327
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.3 99.8
 134 26.0 12.2 36.6

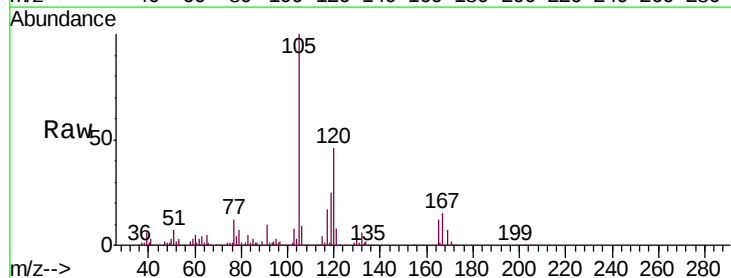


Abundance Ion 119.00 (118.70 to 119.70): V
 2000000 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

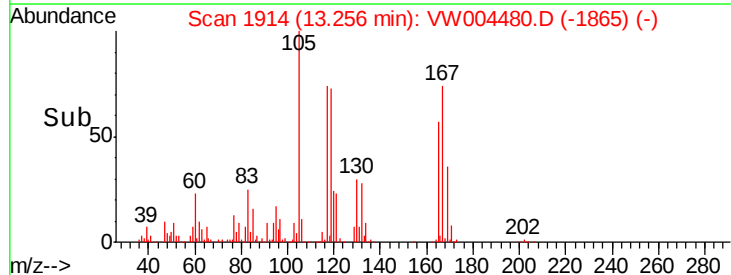
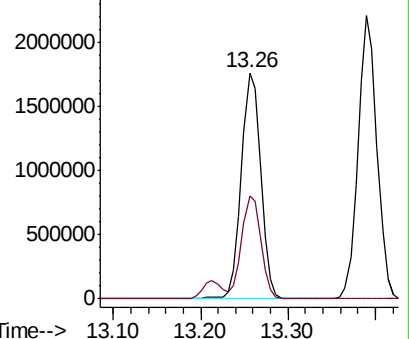


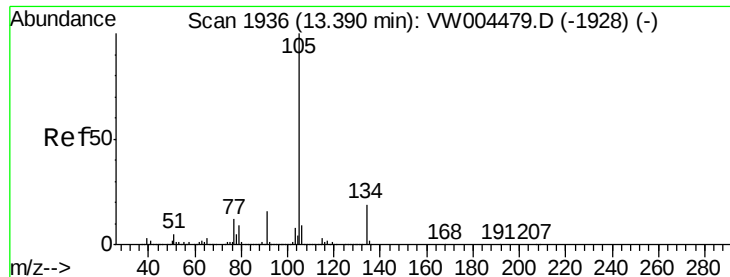
#84
 1,2,4-Trimethylbenzene
 Concen: 73.603 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:105 Resp: 2718444
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 2500000 Ion 120.00 (119.70 to 120.70): V

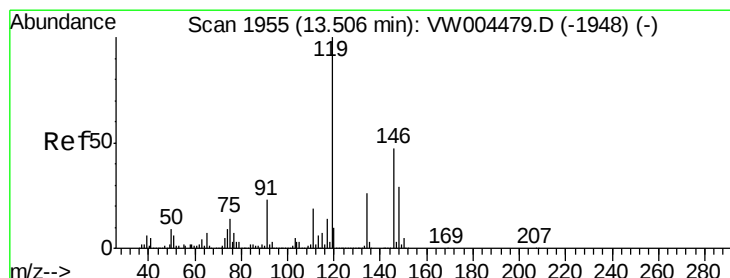
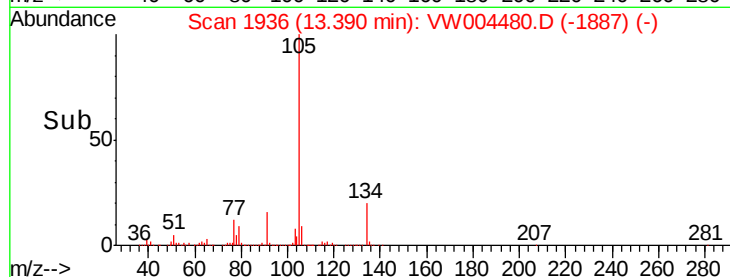
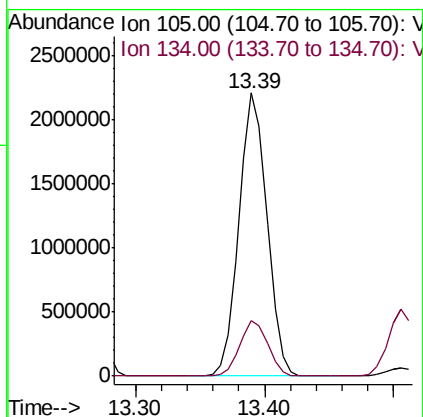
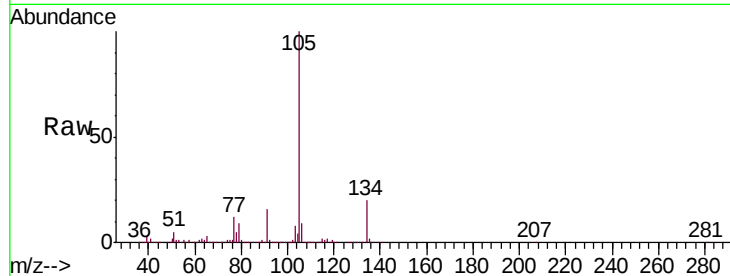




#85
 sec-Butylbenzene
 Concen: 75.445 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

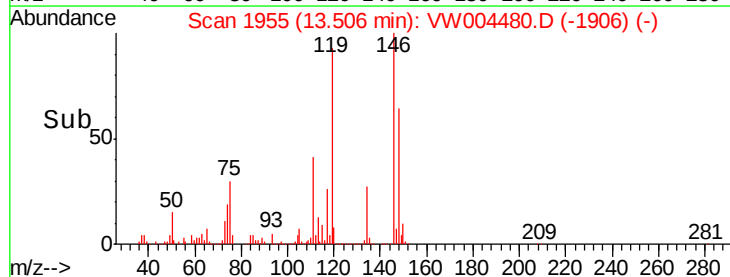
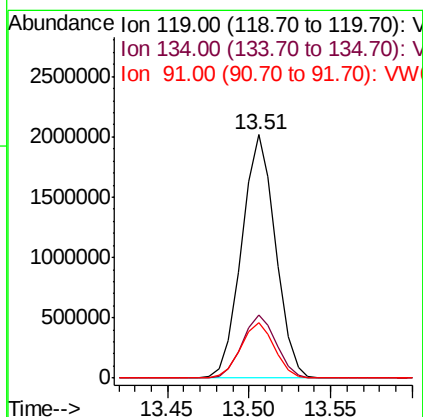
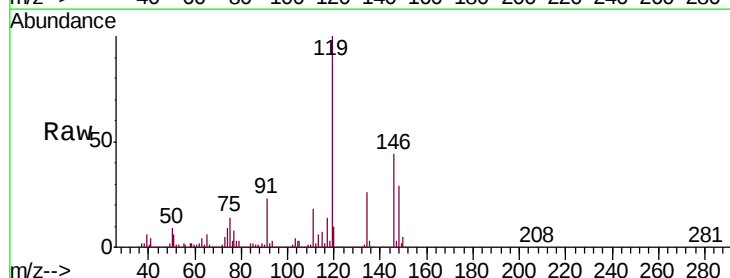
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

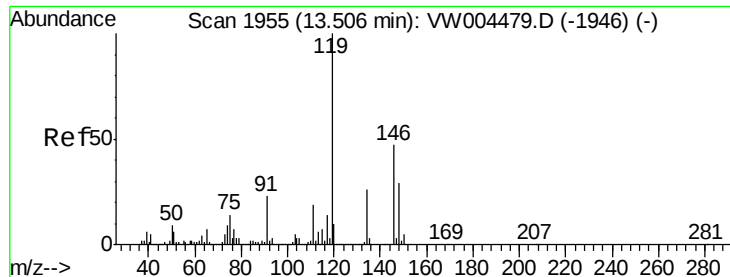
Tgt Ion:105 Resp: 3315401
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 74.150 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:119 Resp: 2917589
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 71.232 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

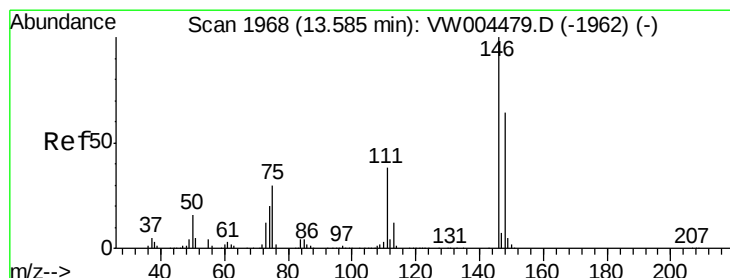
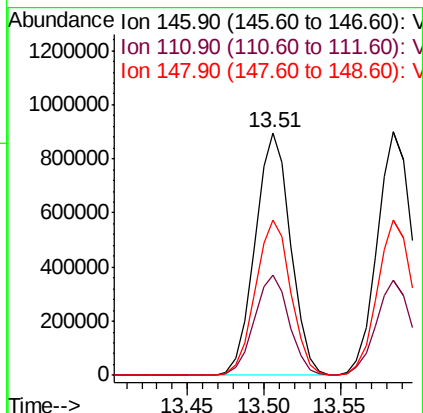
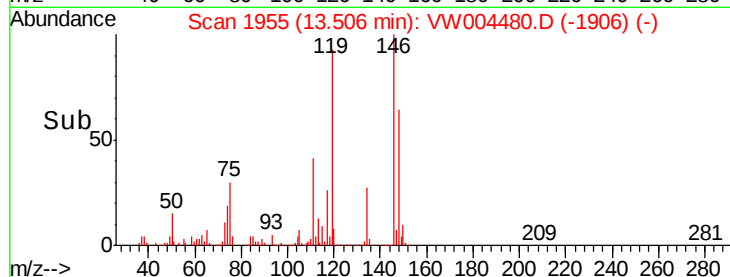
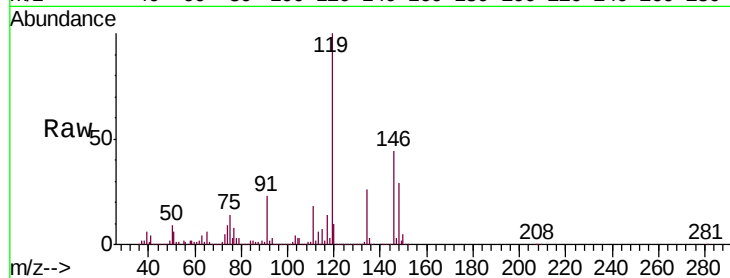
Tgt Ion:146 Resp: 1447590

Ion Ratio Lower Upper

146 100

111 40.4 20.0 59.9

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 70.700 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

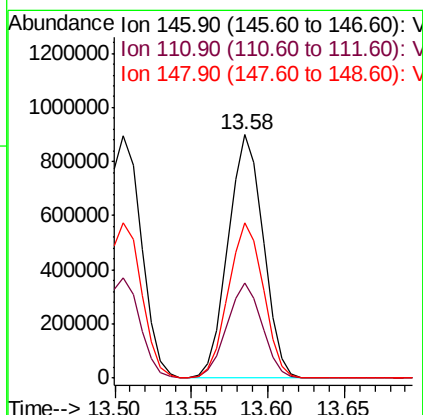
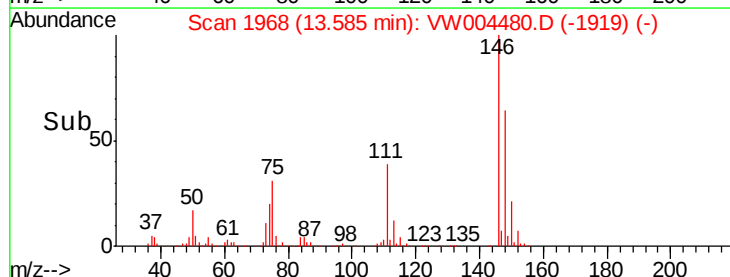
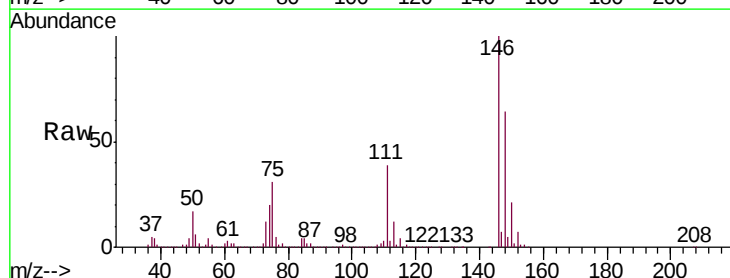
Tgt Ion:146 Resp: 1432841

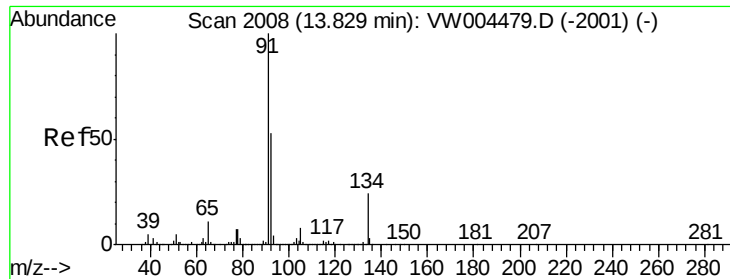
Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.8

148 63.9 31.9 95.5

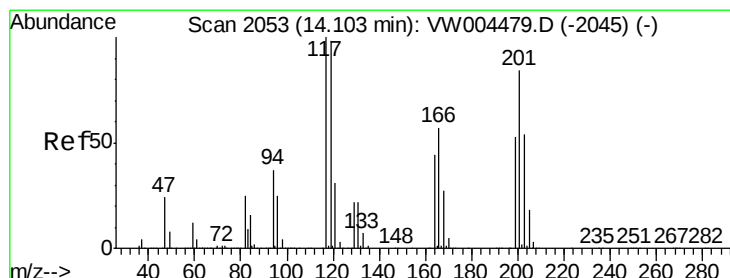
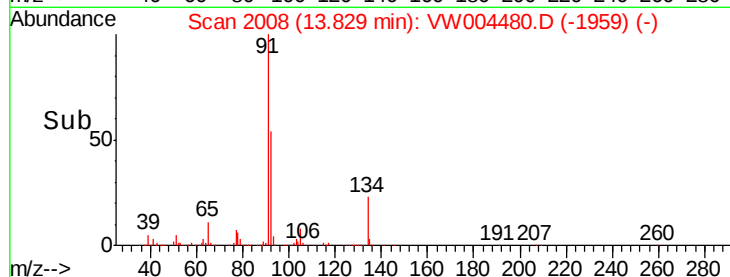
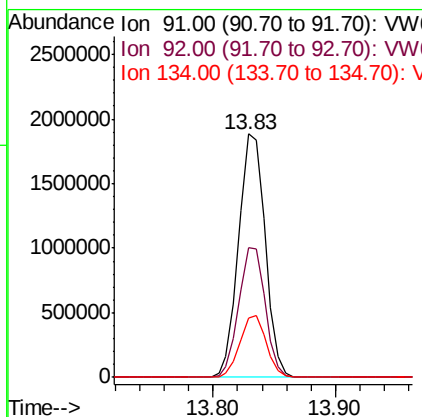
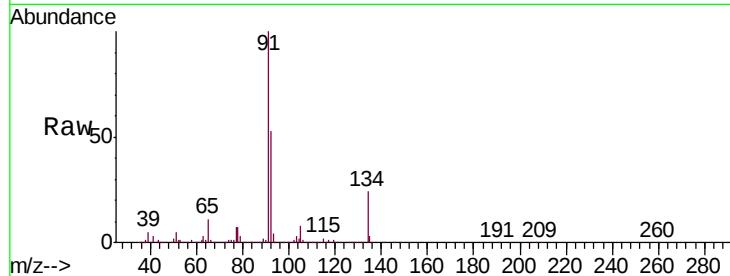




#89
n-Butylbenzene
Concen: 76.581 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

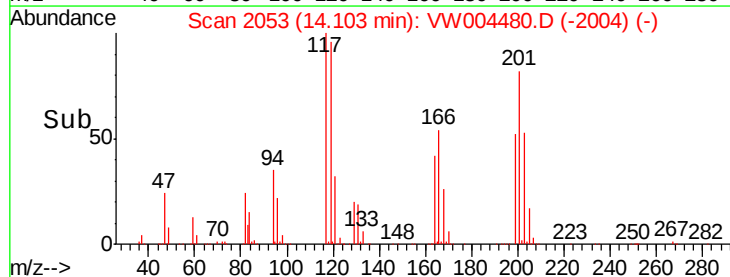
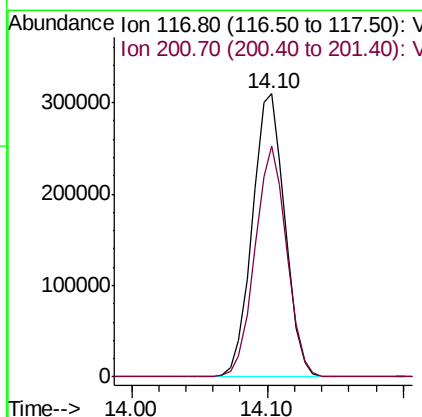
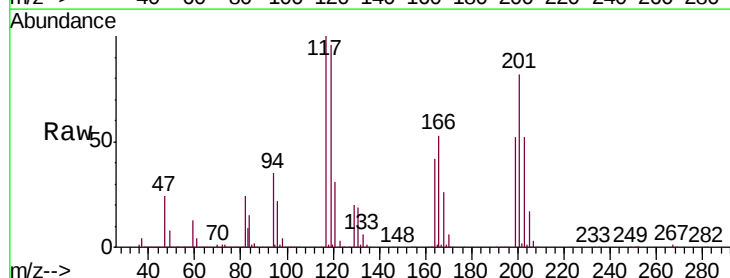
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

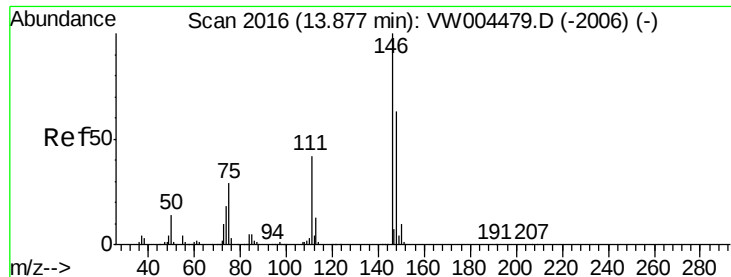
Tgt Ion: 91 Resp: 2840319
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.0
134 25.1 12.4 37.2



#90
Hexachloroethane
Concen: 73.679 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 117 Resp: 518327
Ion Ratio Lower Upper
117 100
201 79.6 40.1 120.3

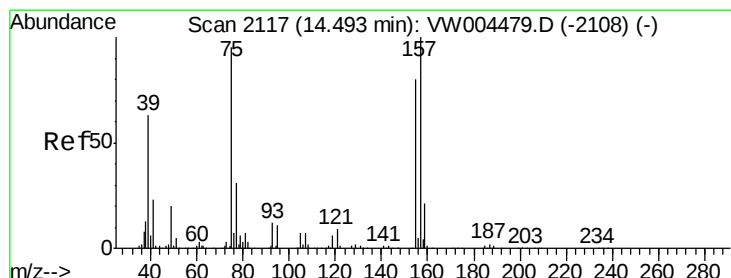
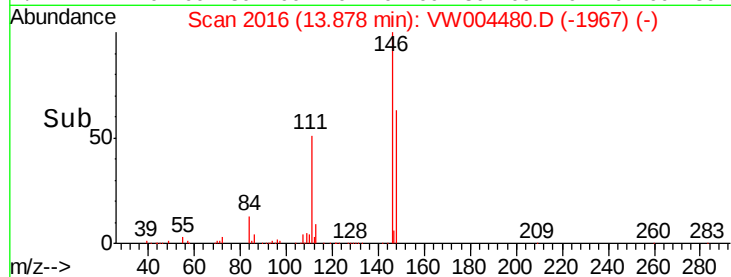
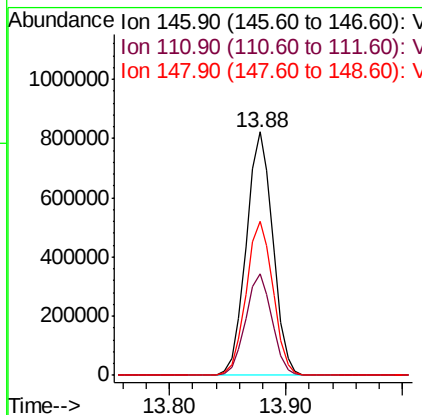
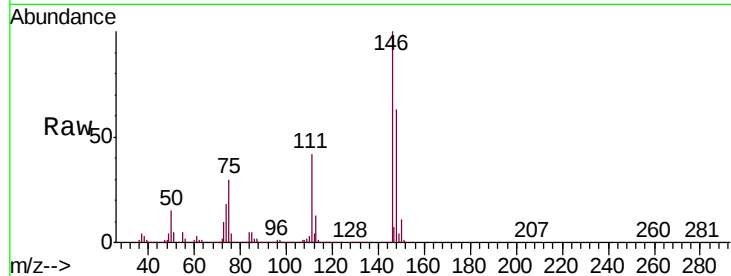




#91
 1,2-Dichlorobenzene
 Concen: 72.097 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

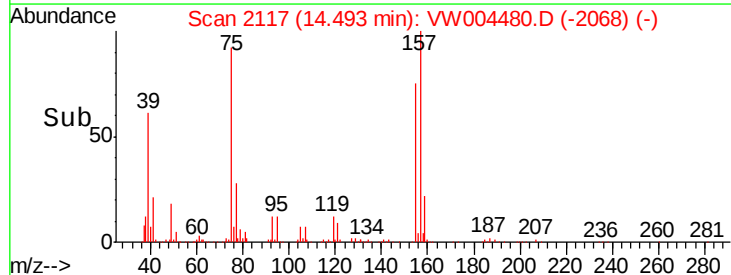
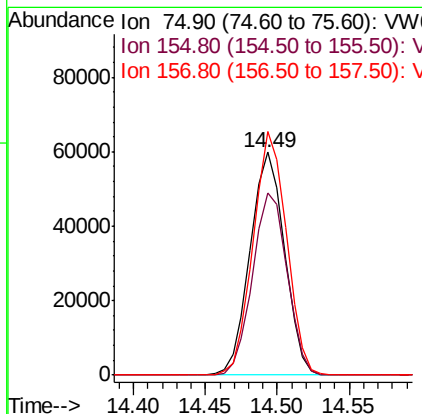
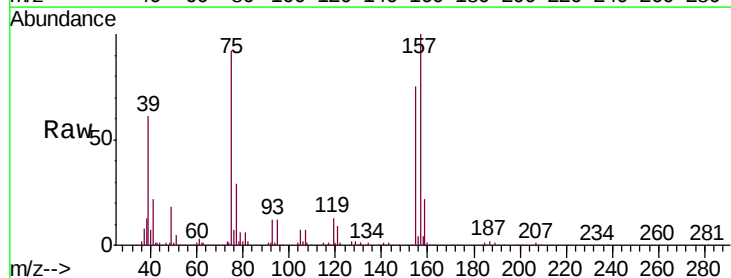
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

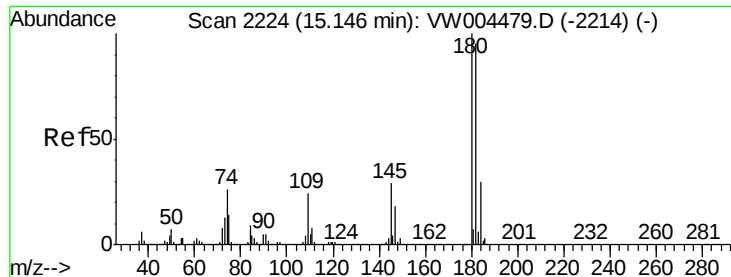
Tgt Ion:146 Resp: 1313729
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 75.901 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 75 Resp: 98835
 Ion Ratio Lower Upper
 75 100
 155 82.1 41.3 123.7
 157 105.8 52.6 157.8

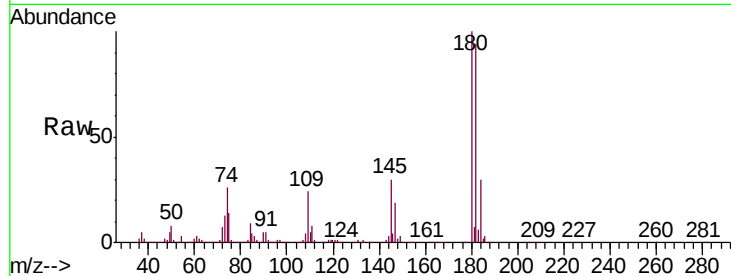




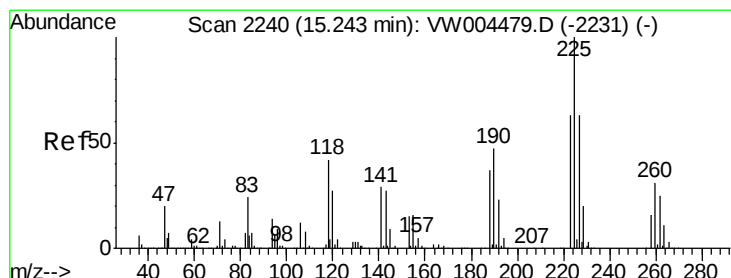
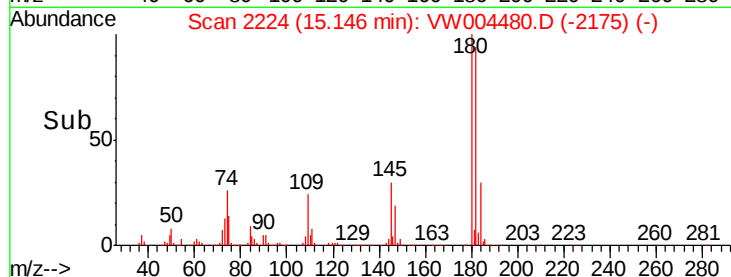
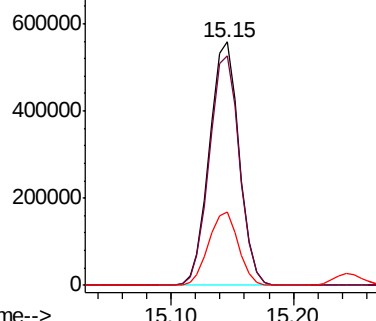
#93
 1,2,4-Trichlorobenzene
 Concen: 73.652 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	30.0	14.9	44.9

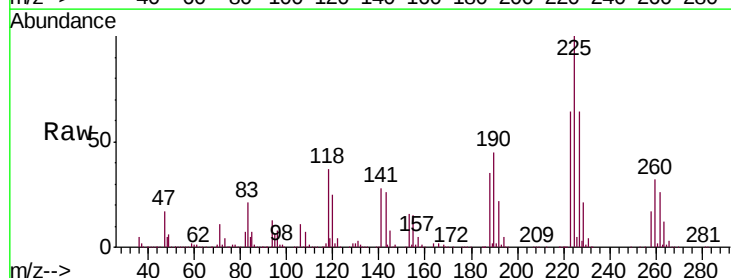


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

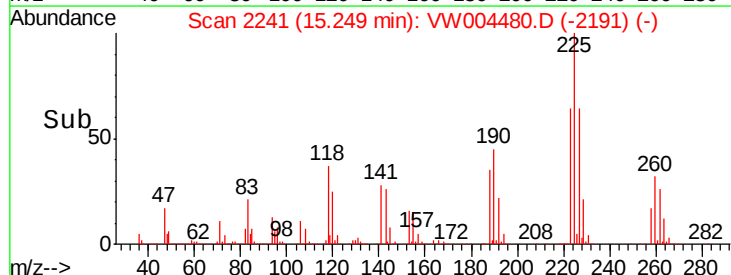
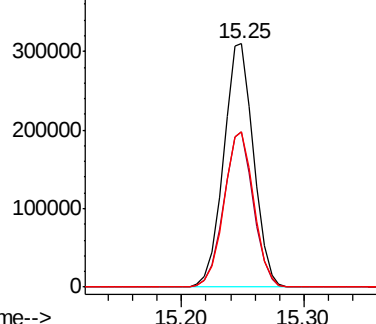


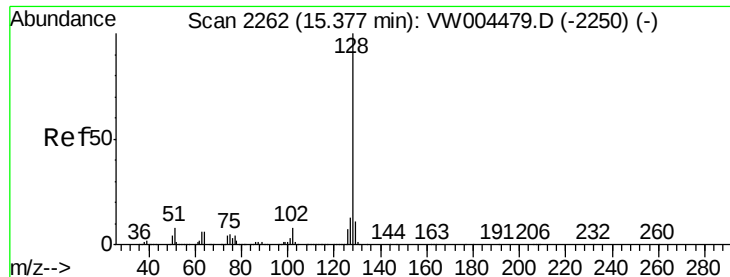
#94
 Hexachlorobutadiene
 Concen: 67.885 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.7	31.8	95.4



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

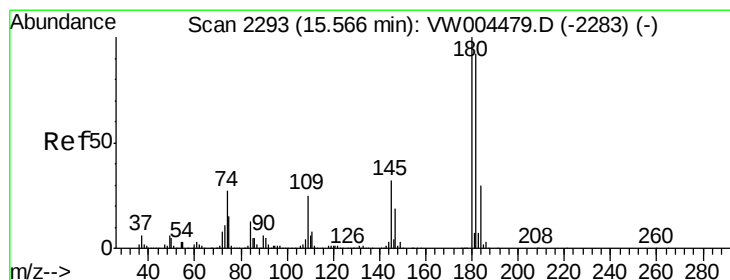
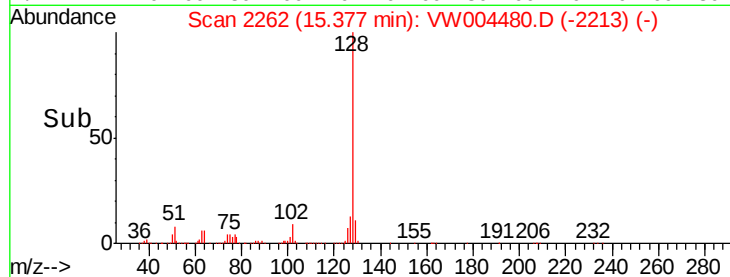
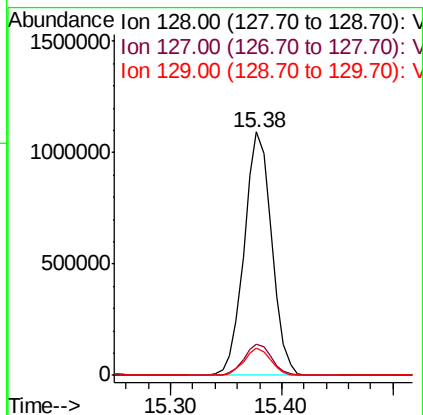
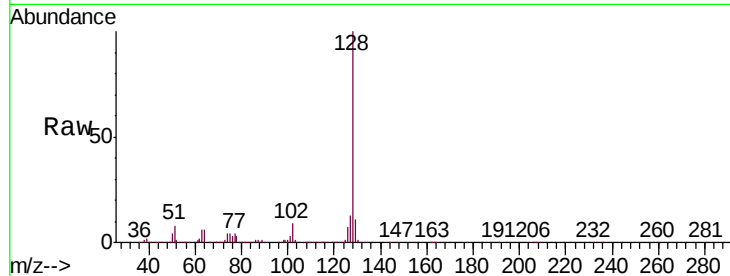




#95
Naphthalene
Concen: 83.679 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion:128 Resp: 1873450
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 75.159 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion:180 Resp: 846321
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 31.5 15.9 47.6

