

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080618\
 Data File : VW004478.D
 Acq On : 06 Aug 2018 19:10
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 07 07:56:14 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	735464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1147025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1112434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	598480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161258	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
35) Dibromofluoromethane	7.88	113	148265	20.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.54%	
50) Toluene-d8	10.33	98	584026	20.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.66%	
62) 4-Bromofluorobenzene	12.63	95	208325	20.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	110515	37.078	ug/l	95
3) Chloromethane	2.22	50	127032	27.013	ug/l	98
4) Vinyl Chloride	2.37	62	200197	26.299	ug/l	96
5) Bromomethane	2.77	94	111850	22.842	ug/l	95
6) Chloroethane	2.92	64	116615	24.518	ug/l	97
7) Trichlorofluoromethane	3.25	101	67649	16.108	ug/l	95
8) Diethyl Ether	3.67	74	90210	22.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161440	21.592	ug/l	98
10) Methyl Iodide	4.27	142	238632	21.432	ug/l	99
11) Tert butyl alcohol	5.18	59	50028	92.780	ug/l	99
12) 1,1-Dichloroethene	4.03	96	159666	21.475	ug/l	99
13) Acrolein	3.89	56	62816	126.398	ug/l	96
14) Allyl chloride	4.66	41	230082	19.535	ug/l	99
15) Acrylonitrile	5.37	53	206575	119.767	ug/l	98
16) Acetone	4.12	43	210866	123.141	ug/l	97
17) Carbon Disulfide	4.38	76	514800	22.379	ug/l	99
18) Methyl Acetate	4.67	43	98028	21.897	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	214517	16.781	ug/l	99
20) Methylene Chloride	4.91	84	263310	31.823	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	168961	21.158	ug/l	100
22) Diisopropyl ether	6.31	45	511120	22.624	ug/l	99
23) Vinyl Acetate	6.26	43	1502894	113.660	ug/l	99
24) 1,1-Dichloroethane	6.21	63	314220	21.523	ug/l	99
25) 2-Butanone	7.18	43	337420	151.590	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163952	19.881	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	183679	22.471	ug/l	98
28) Bromochloromethane	7.51	49	137524	25.894	ug/l	100
29) Tetrahydrofuran	7.54	42	174892	127.784	ug/l	98
30) Chloroform	7.68	83	312061	22.428	ug/l	98
31) Cyclohexane	7.95	56	298713	23.054	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	231671	20.571	ug/l	99
36) 1,1-Dichloropropene	8.08	75	249628	21.509	ug/l	99
37) Ethyl Acetate	7.26	43	117194	24.360	ug/l	99
38) Carbon Tetrachloride	8.07	117	220440	19.469	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293385	20.805	ug/l	97
40) Benzene	8.32	78	728948	22.226	ug/l	99
41) Methacrylonitrile	7.49	41	64744	23.518	ug/l	97
42) 1,2-Dichloroethane	8.40	62	204280	21.904	ug/l	100
43) Isopropyl Acetate	8.43	43	197351	22.845	ug/l	99
44) Trichloroethene	9.09	130	178883	20.423	ug/l	100
45) 1,2-Dichloropropane	9.37	63	183259	22.510	ug/l	98
46) Dibromomethane	9.46	93	94849	22.758	ug/l	99
47) Bromodichloromethane	9.65	83	217522	20.847	ug/l	98
48) Methyl methacrylate	9.44	41	93655	21.459	ug/l	99
49) 1,4-Dioxane	9.45	88	28345	447.555	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	730767	145.281	ug/l	99
52) Toluene	10.39	92	439206	21.481	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	218743	20.932	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	256037	21.000	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	137677	23.261	ug/l	97
56) Ethyl methacrylate	10.65	69	154654	21.496	ug/l	99
57) 1,3-Dichloropropane	10.94	76	232453	22.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	400188	121.533	ug/l	100
59) 2-Hexanone	10.98	43	502842	146.073	ug/l	97
60) Dibromochloromethane	11.13	129	147084	20.931	ug/l	100
61) 1,2-Dibromoethane	11.24	107	128546	22.733	ug/l	100
64) Tetrachloroethene	10.87	164	151621	18.732	ug/l	97
65) Chlorobenzene	11.66	112	485667	20.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	162798	19.679	ug/l	99
67) Ethyl Benzene	11.74	91	817243	19.930	ug/l	99
68) m/p-Xylenes	11.85	106	647999	41.181	ug/l	99
69) o-Xylene	12.17	106	292038	20.070	ug/l	99
70) Styrene	12.19	104	503807	20.415	ug/l	100
71) Bromoform	12.35	173	89534	19.357	ug/l #	99
73) Isopropylbenzene	12.47	105	809060	19.380	ug/l	99
74) N-amyl acetate	12.28	43	194326	21.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	171378	22.904	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	218144	40.334	ug/l #	100
77) Bromobenzene	12.75	156	198008	19.713	ug/l	99
78) n-propylbenzene	12.81	91	1016143	20.022	ug/l	99
79) 2-Chlorotoluene	12.90	91	583975	20.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	710139	19.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	49155	20.612	ug/l	97
82) 4-Chlorotoluene	12.99	91	633737	20.482	ug/l	100
83) tert-Butylbenzene	13.21	119	573353	19.181	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	736589	20.047	ug/l	100
85) sec-Butylbenzene	13.39	105	878311	20.091	ug/l	99
86) p-Isopropyltoluene	13.51	119	774425	19.784	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	408307	20.196	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	404321	20.054	ug/l	98
89) n-Butylbenzene	13.84	91	741923	20.108	ug/l	99
90) Hexachloroethane	14.10	117	136265	19.471	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	374502	20.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27850	21.499	ug/l	98

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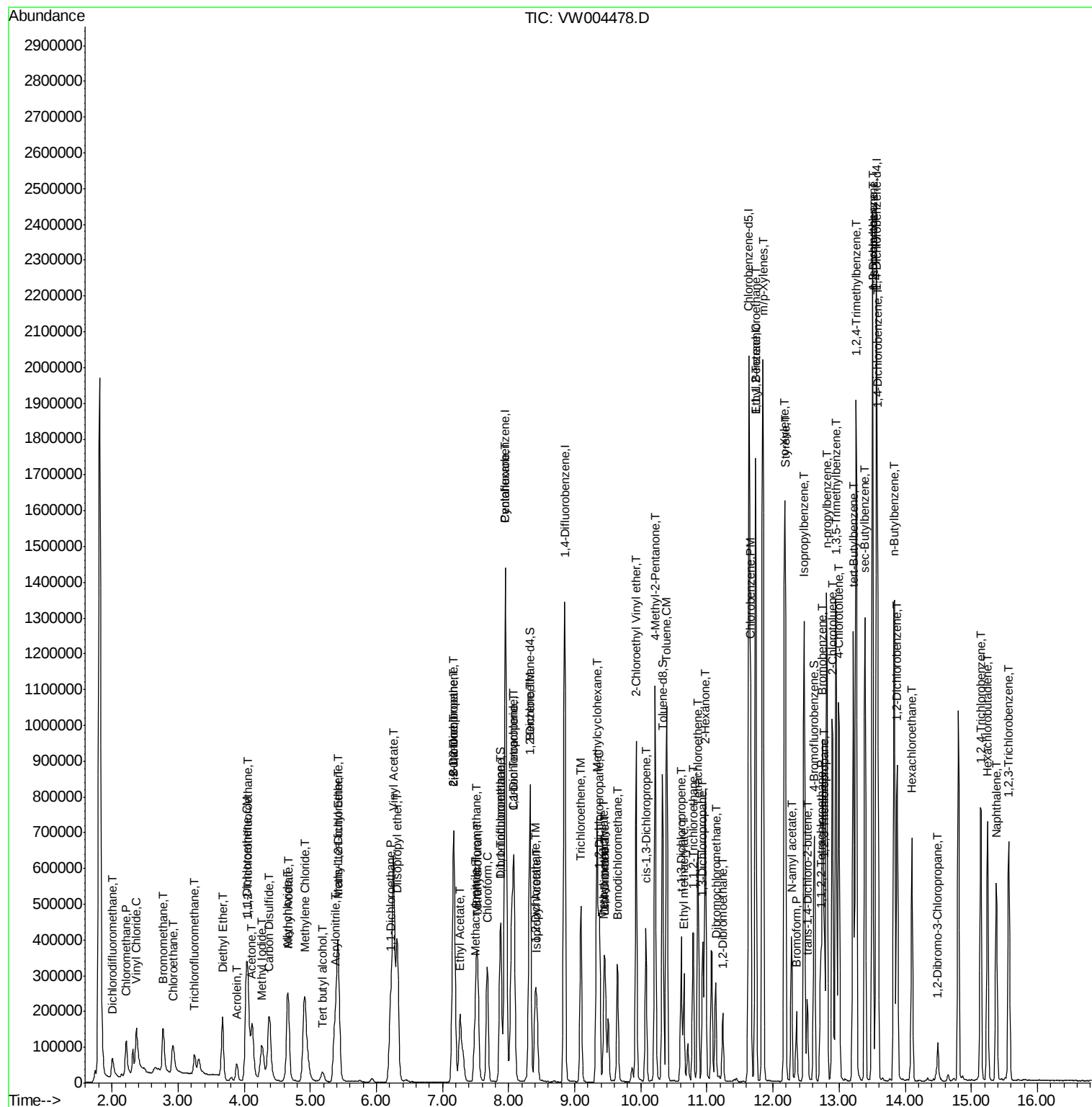
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	258328	20.322	ug/l	99
94) Hexachlorobutadiene	15.24	225	148640	19.235	ug/l	100
95) Naphthalene	15.38	128	469225	21.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	232242	20.732	ug/l	98

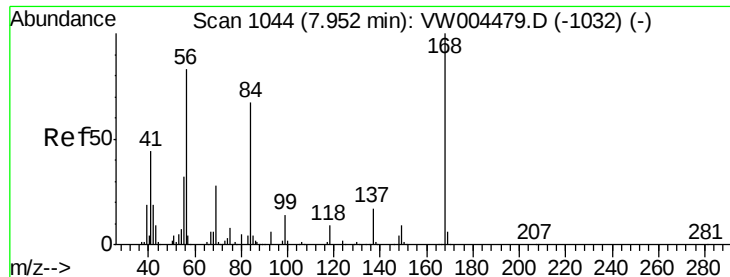
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

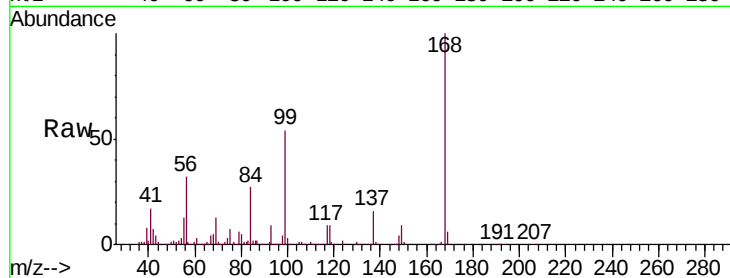
VSTDIC020

Tgt Ion:168 Resp: 735464

Ion Ratio Lower Upper

168 100

99 54.3 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

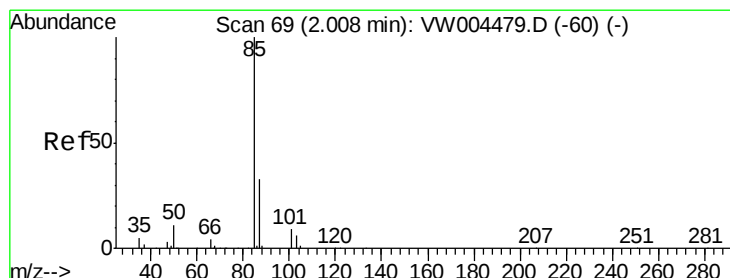
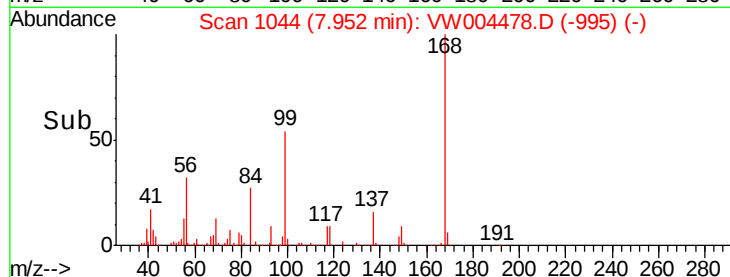
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 37.078 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004478.D

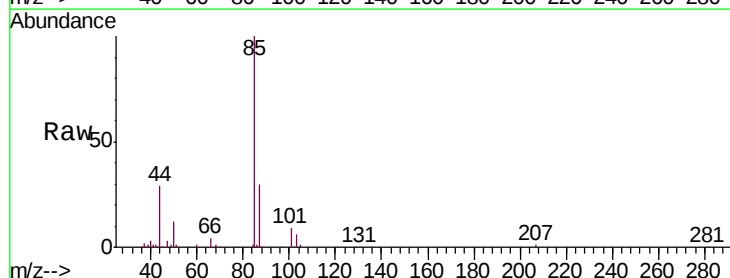
Acq: 06 Aug 2018 19:10

Tgt Ion: 85 Resp: 110515

Ion Ratio Lower Upper

85 100

87 30.2 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

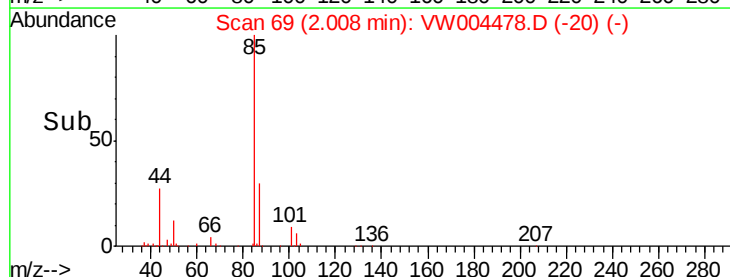
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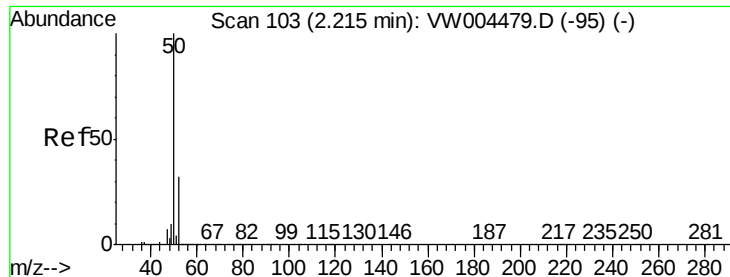
20000

10000

0

Time-->





#3

Chloromethane

Concen: 27.013 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

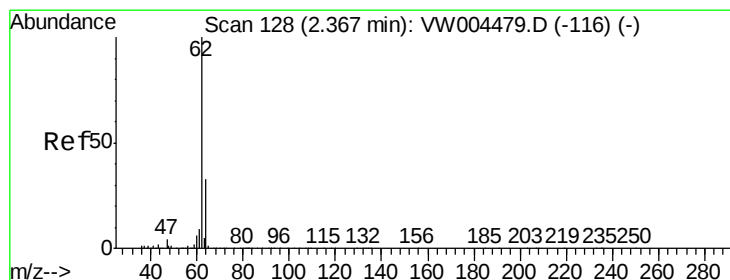
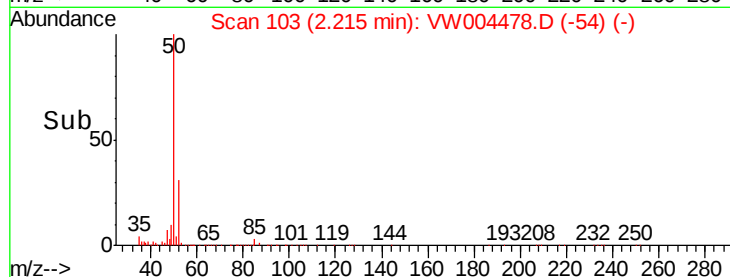
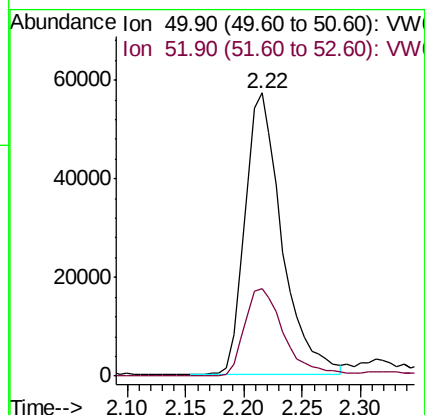
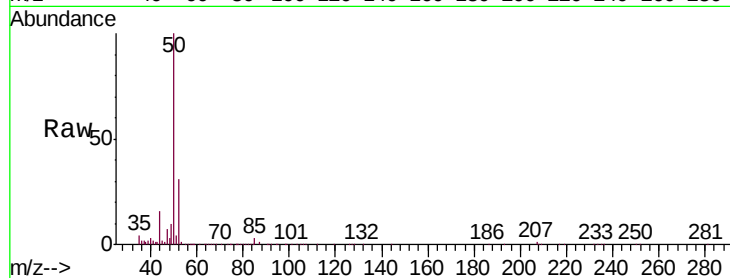
VSTDIC020

Tgt Ion: 50 Resp: 127032

Ion Ratio Lower Upper

50 100

52 31.2 25.8 38.8



#4

Vinyl Chloride

Concen: 26.299 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004478.D

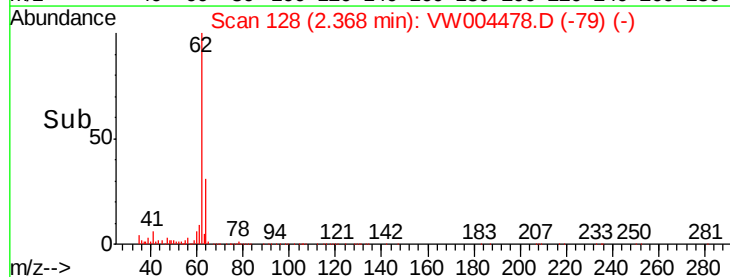
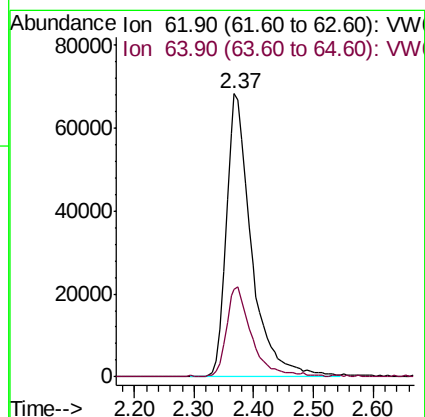
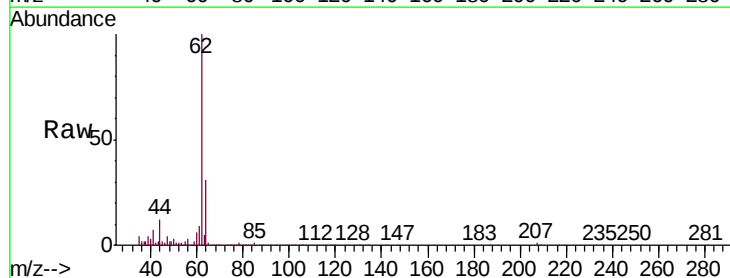
Acq: 06 Aug 2018 19:10

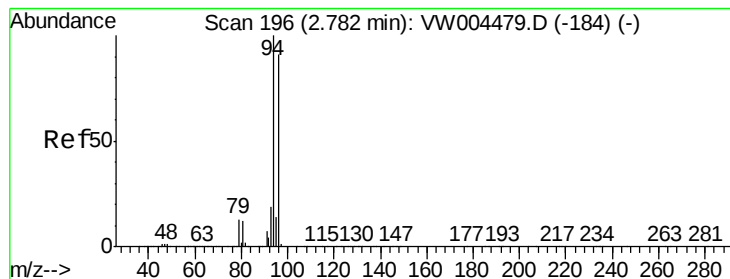
Tgt Ion: 62 Resp: 200197

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.2





#5

Bromomethane

Concen: 22.842 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

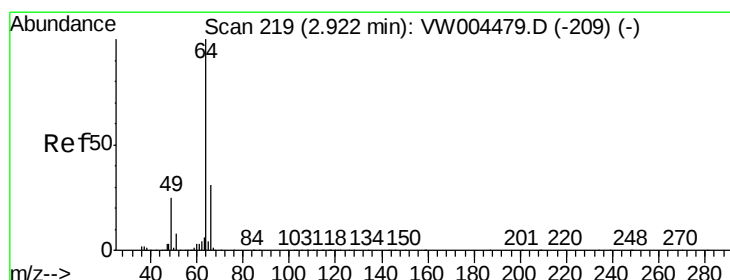
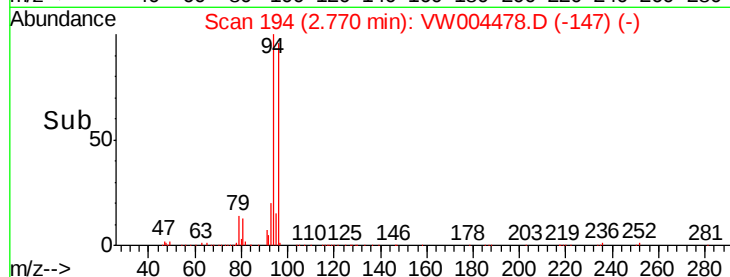
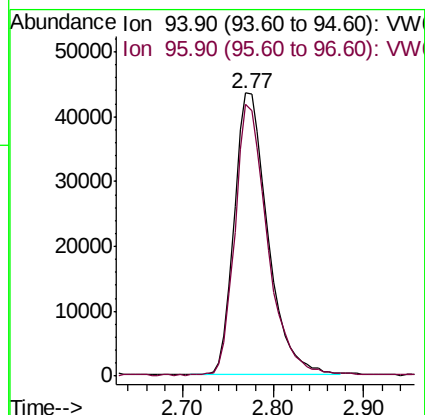
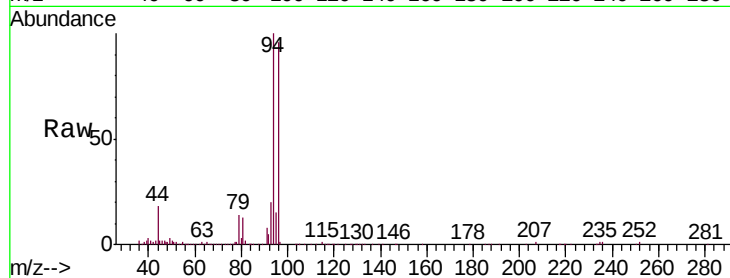
VSTDIC020

Tgt Ion: 94 Resp: 111850

Ion Ratio Lower Upper

94 100

96 96.2 72.9 109.3



#6

Chloroethane

Concen: 24.518 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004478.D

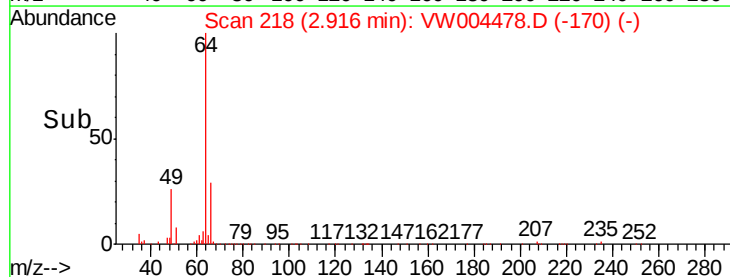
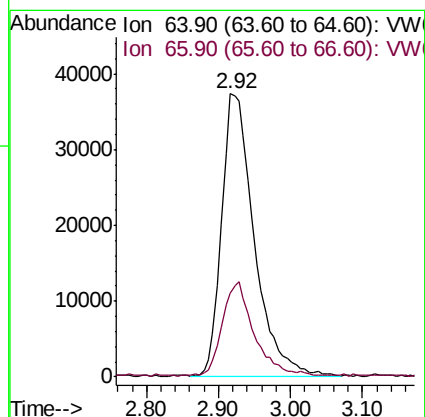
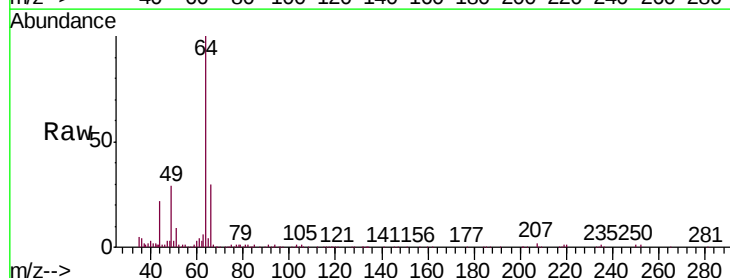
Acq: 06 Aug 2018 19:10

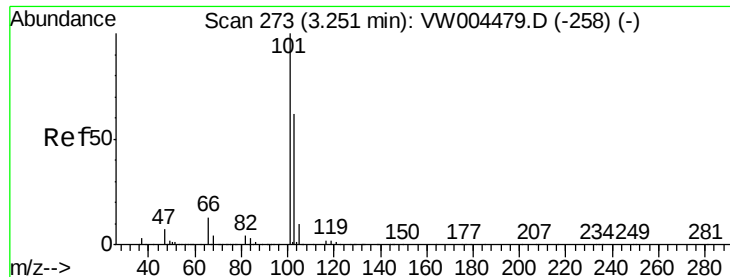
Tgt Ion: 64 Resp: 116615

Ion Ratio Lower Upper

64 100

66 29.1 24.6 36.8



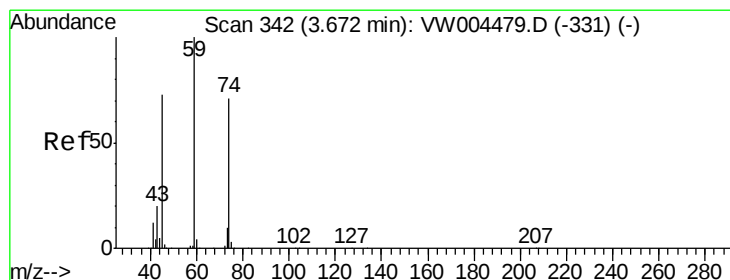
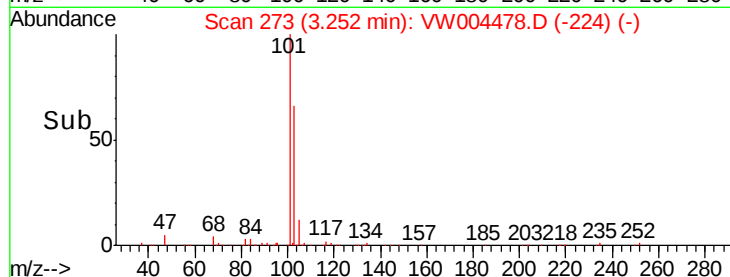
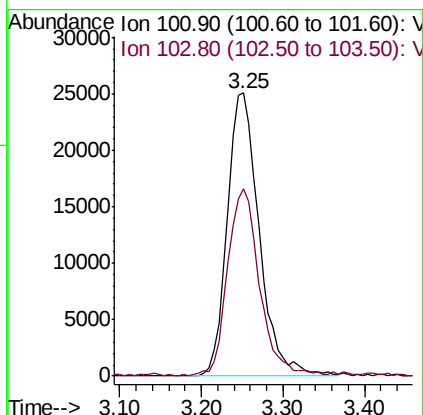
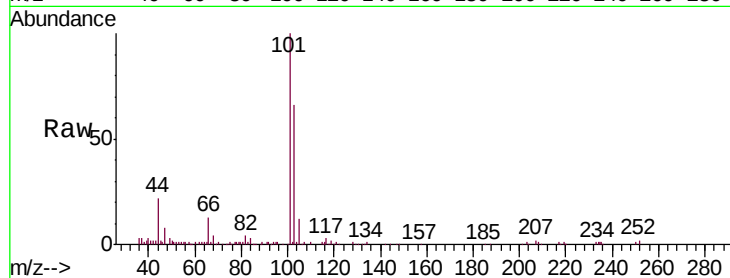


#7

Trichlorofluoromethane
 Concen: 16.108 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004478.D
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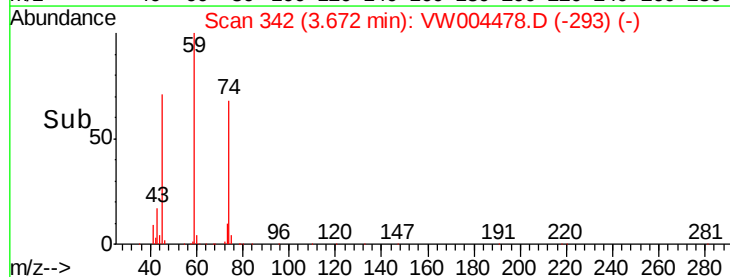
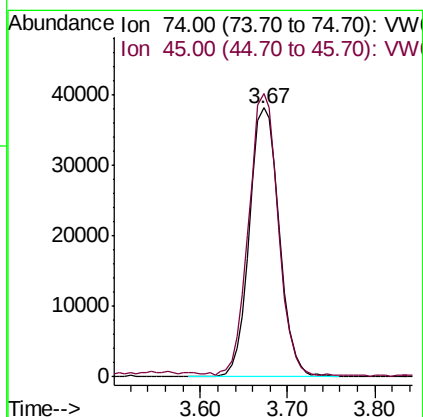
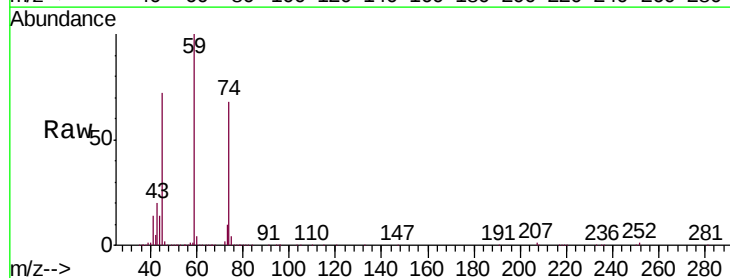
Tgt Ion: 101 Resp: 67649
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.8 74.8

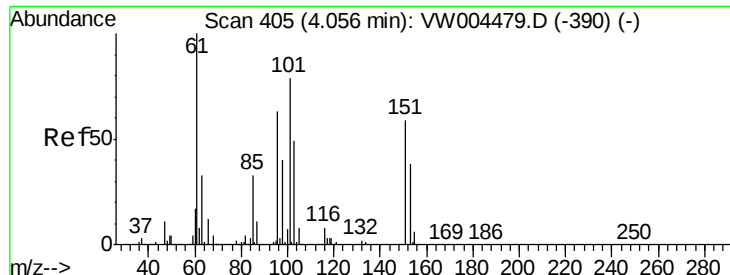


#8

Diethyl Ether
 Concen: 22.797 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 74 Resp: 90210
 Ion Ratio Lower Upper
 74 100
 45 103.6 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.592 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

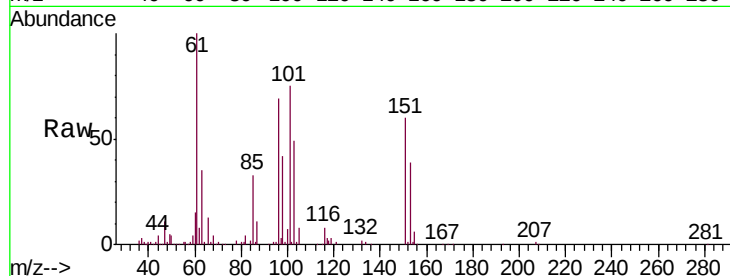
Tgt Ion:101 Resp: 161440

Ion Ratio Lower Upper

101 100

85 40.8 34.6 51.8

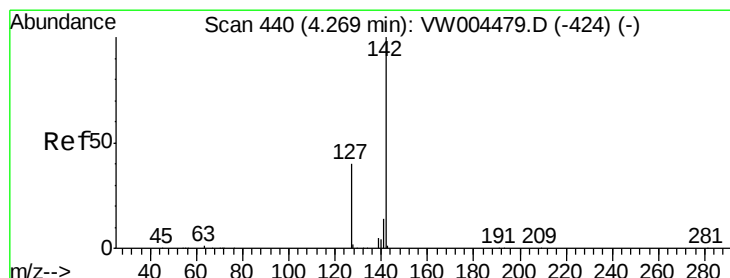
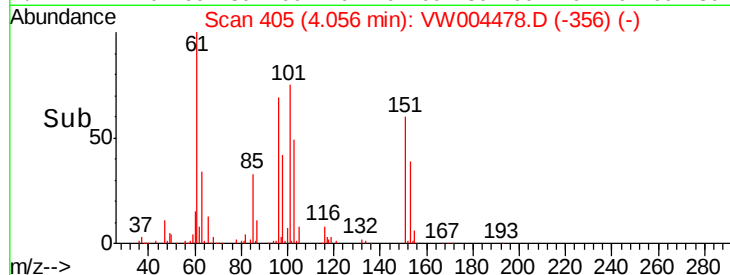
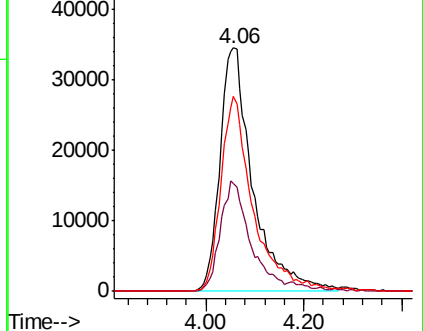
151 78.1 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.432 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

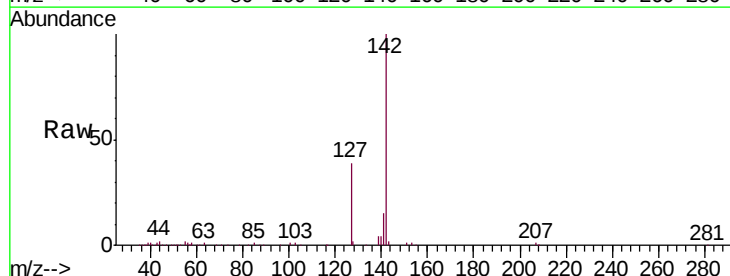
Tgt Ion:142 Resp: 238632

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

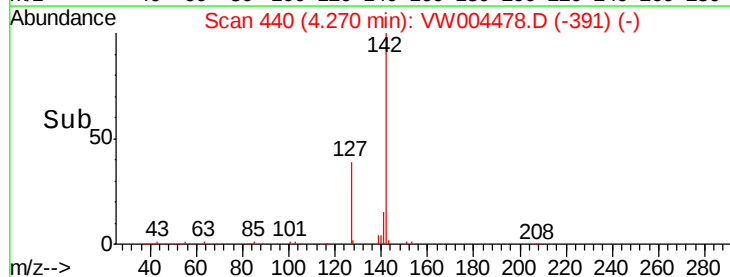
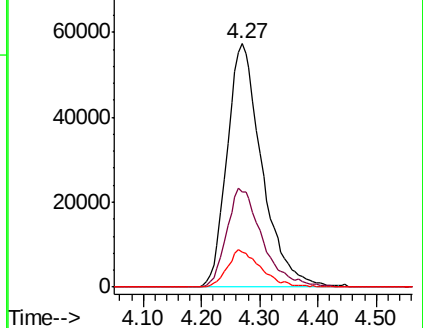
141 14.7 11.5 17.3

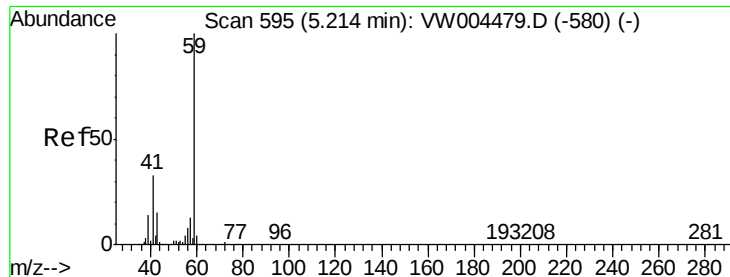


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

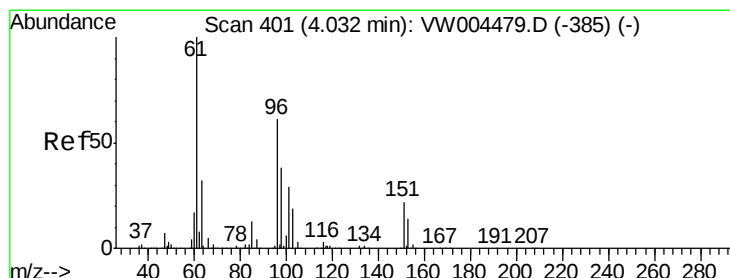
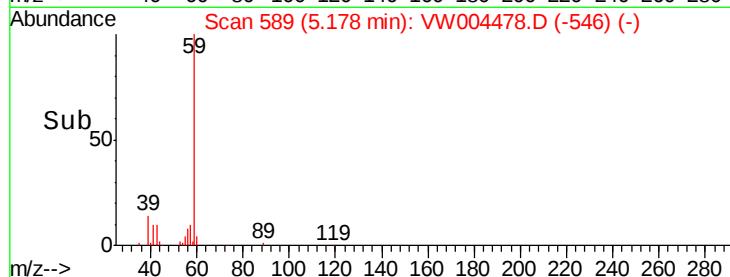
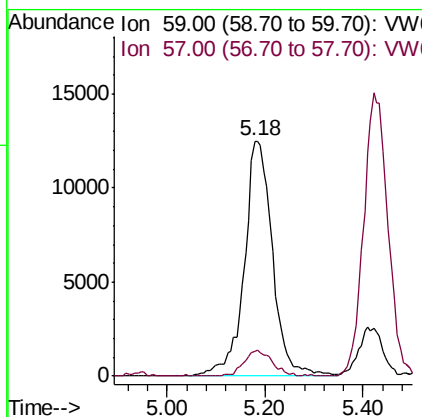
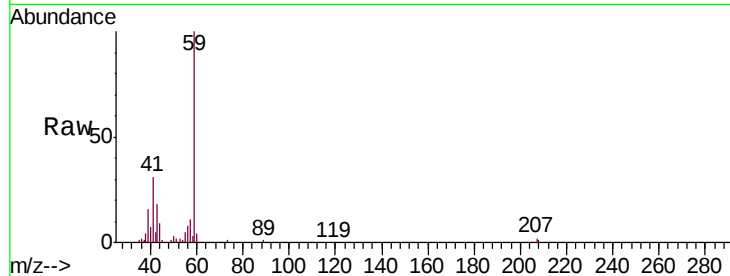




#11
Tert butyl alcohol
Concen: 92.780 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.04 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

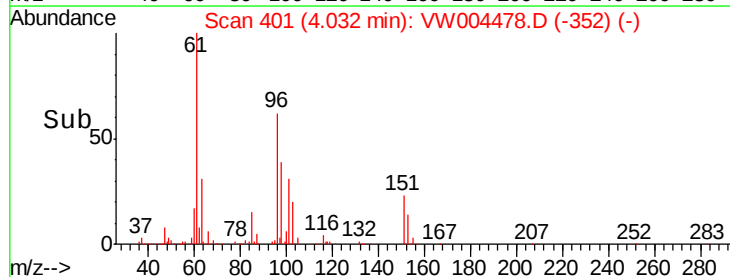
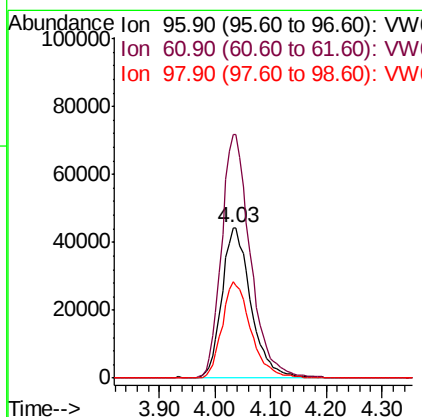
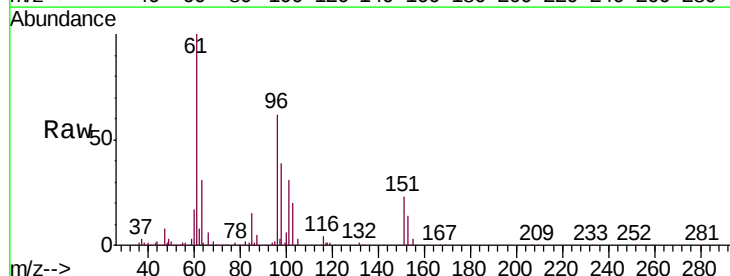
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

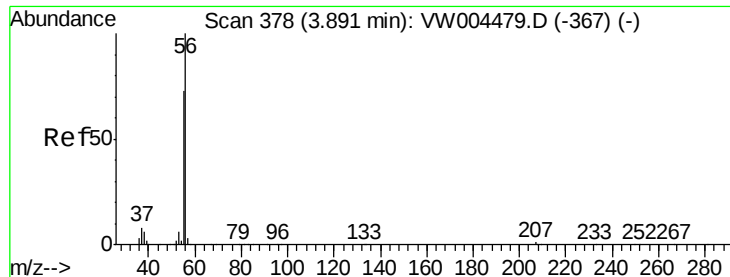
Tgt Ion: 59 Resp: 50028
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7



#12
1,1-Dichloroethene
Concen: 21.475 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 96 Resp: 159666
Ion Ratio Lower Upper
96 100
61 161.8 130.6 195.8
98 63.7 49.6 74.4





#13

Acrolein

Concen: 126.398 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

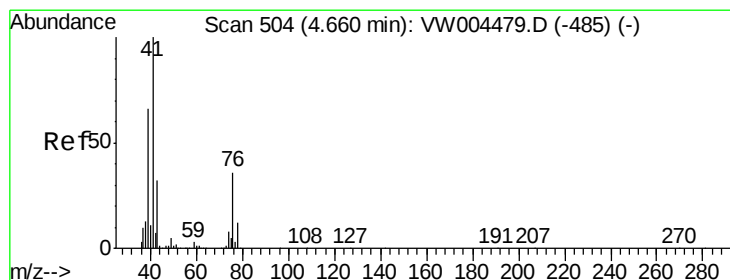
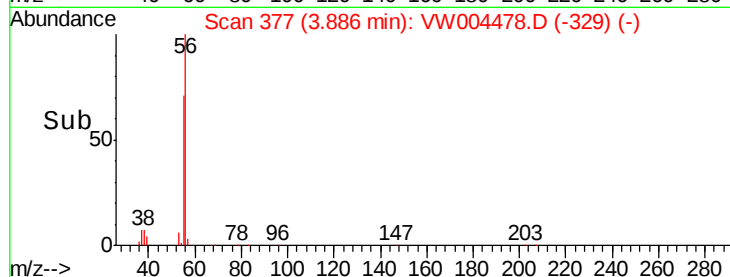
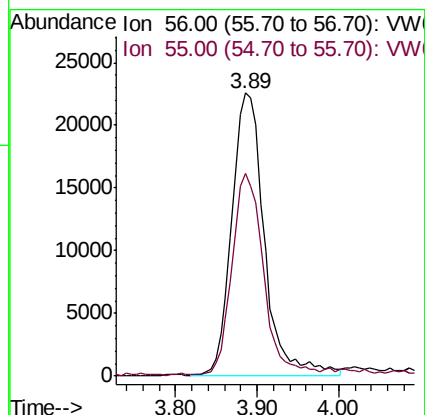
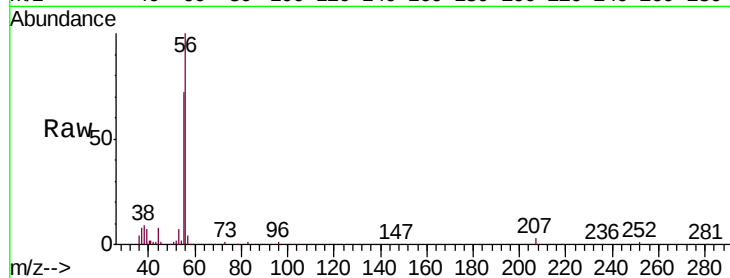
VSTDIC020

Tgt Ion: 56 Resp: 62816

Ion Ratio Lower Upper

56 100

55 67.2 56.7 85.1



#14

Allyl chloride

Concen: 19.535 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

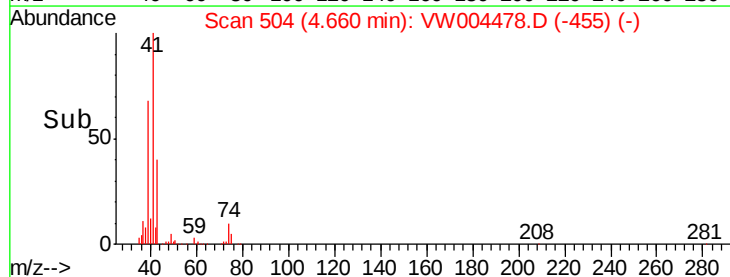
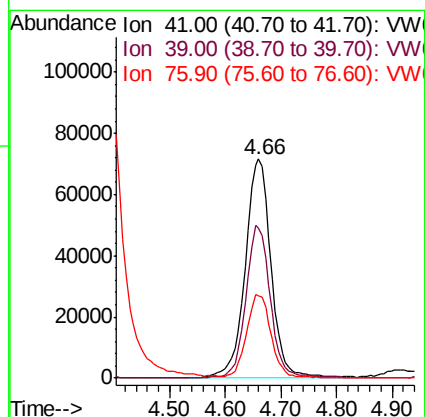
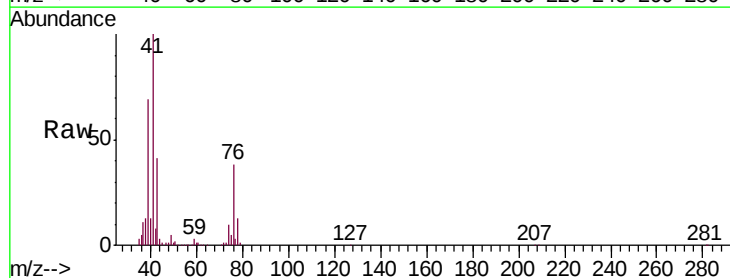
Tgt Ion: 41 Resp: 230082

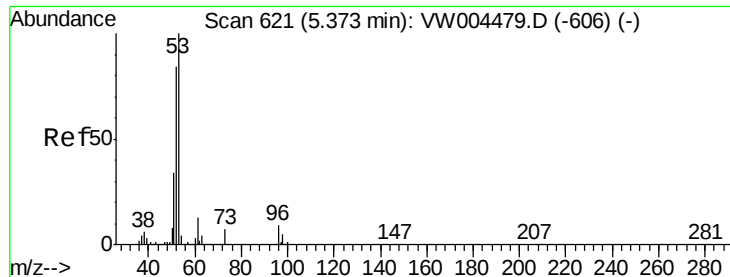
Ion Ratio Lower Upper

41 100

39 66.0 51.9 77.9

76 36.4 29.0 43.6

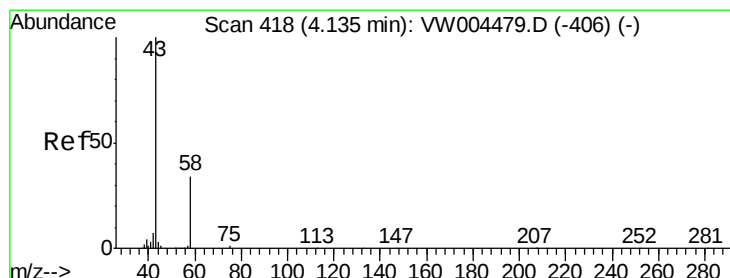
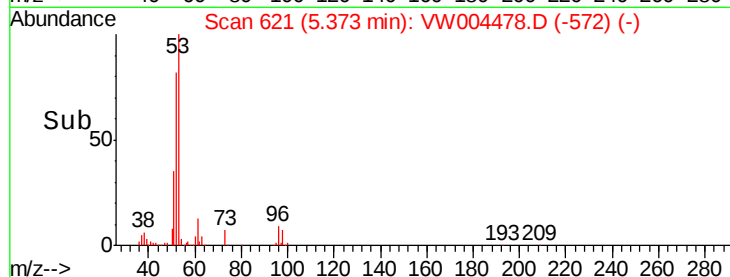
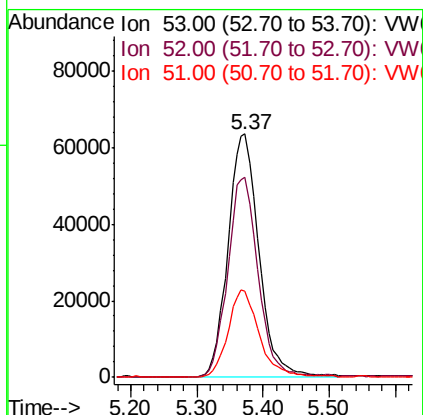
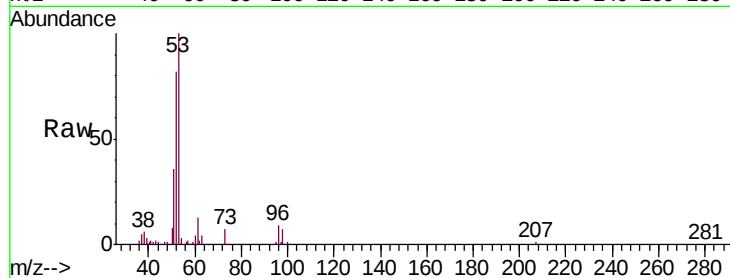




#15
 Acrylonitrile
 Concen: 119.767 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

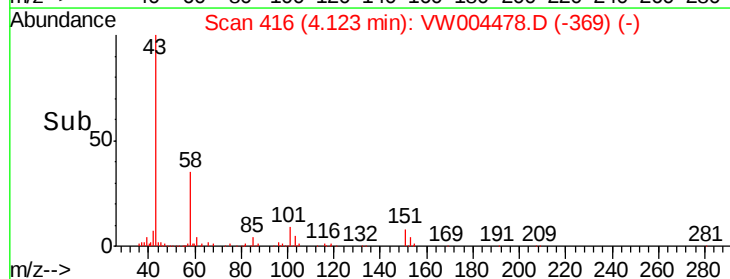
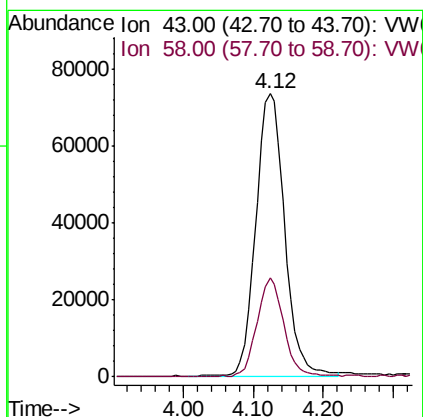
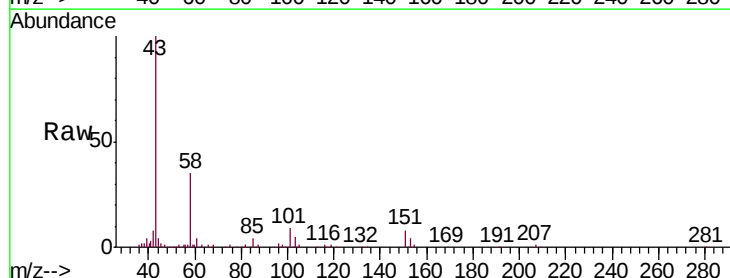
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

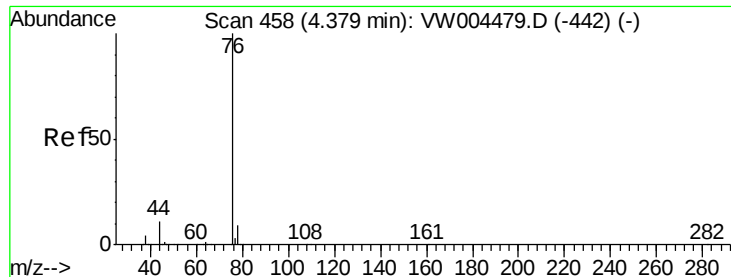
Tgt Ion:	53	Resp:	206575
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.5	99.7
51	36.1	28.4	42.6



#16
 Acetone
 Concen: 123.141 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion:	43	Resp:	210866
Ion	Ratio	Lower	Upper
43	100		
58	35.1	26.8	40.2

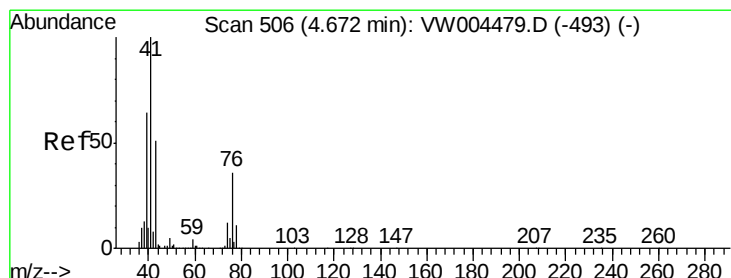
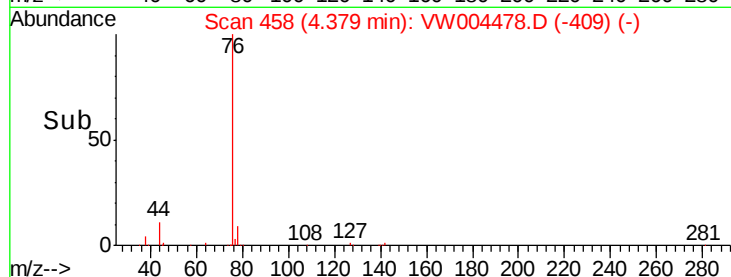
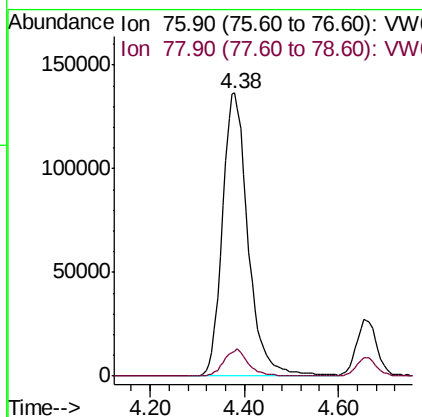
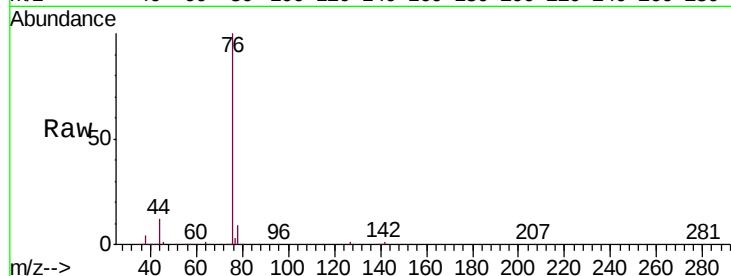




#17
Carbon Disulfide
Concen: 22.379 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

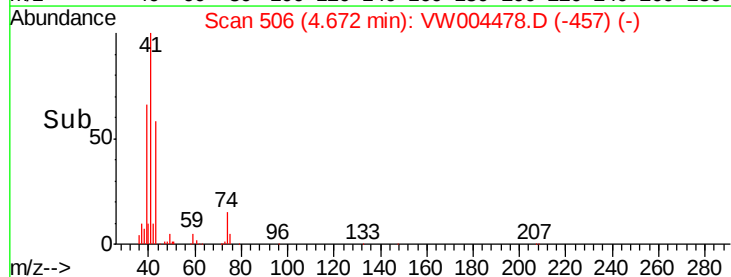
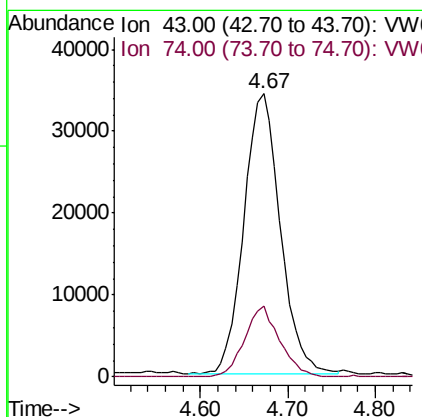
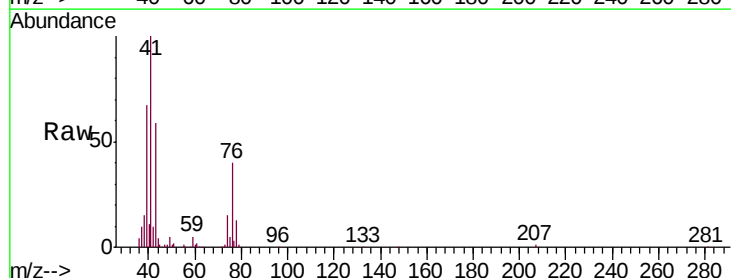
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

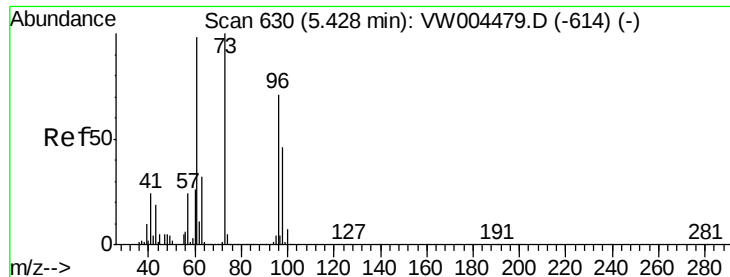
Tgt Ion: 76 Resp: 514800
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 21.897 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 43 Resp: 98028
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7

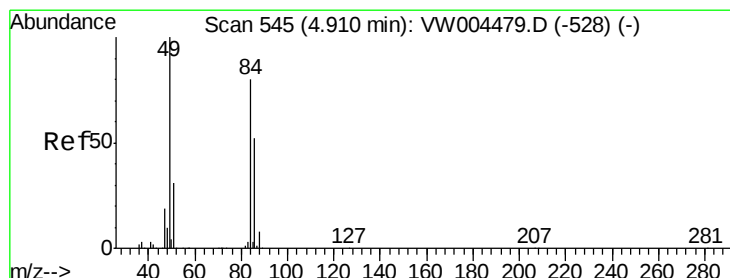
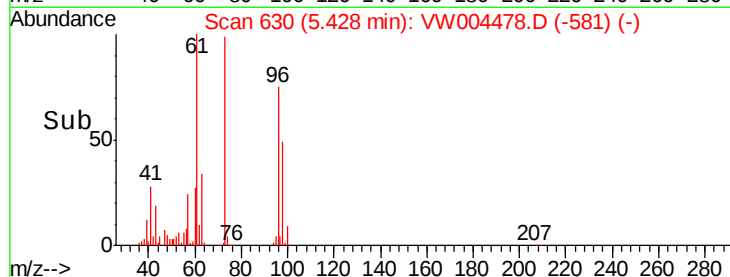
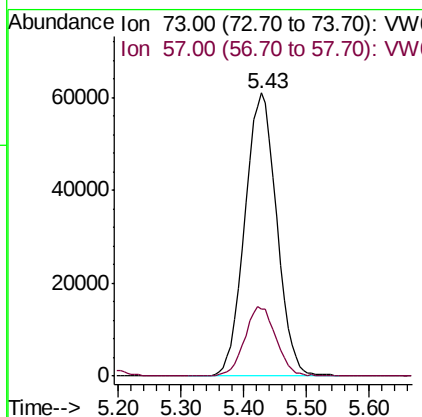
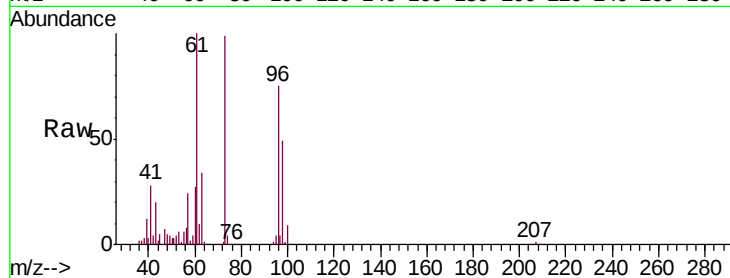




#19
Methyl tert-butyl Ether
Concen: 16.781 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

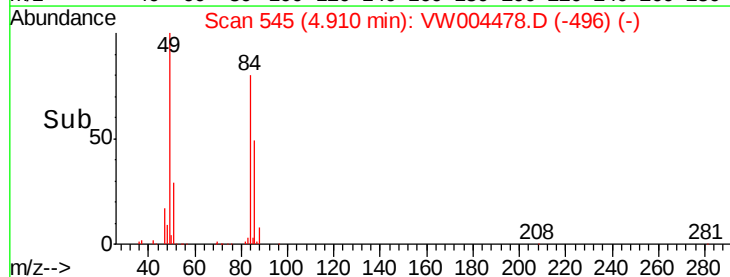
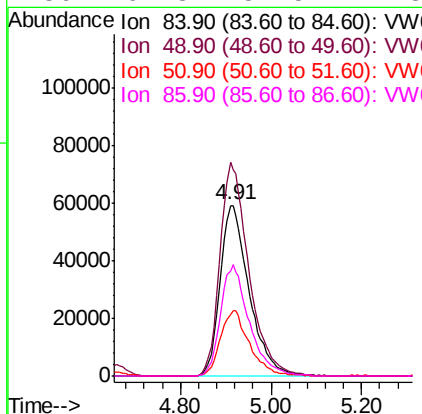
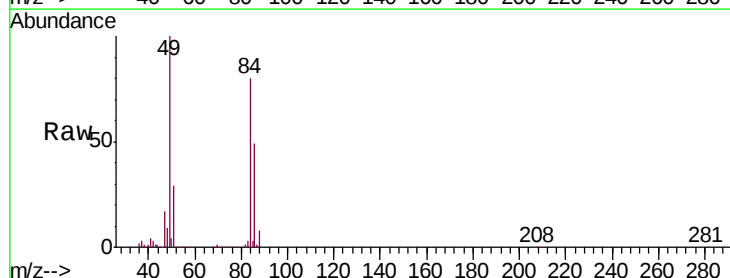
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

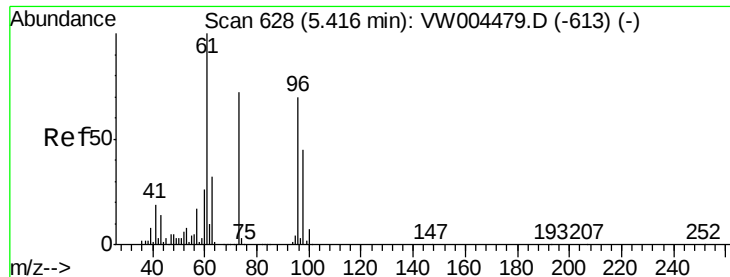
Tgt Ion: 73 Resp: 214517
Ion Ratio Lower Upper
73 100
57 23.8 19.6 29.4



#20
Methylene Chloride
Concen: 31.823 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 84 Resp: 263310
Ion Ratio Lower Upper
84 100
49 125.3 99.6 149.4
51 36.2 31.0 46.4
86 61.3 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.158 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

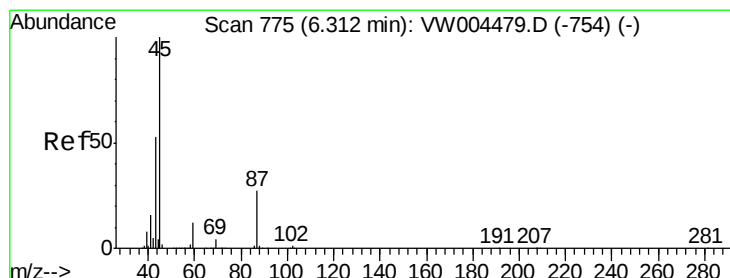
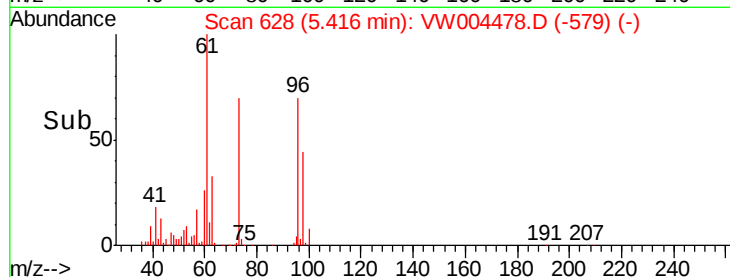
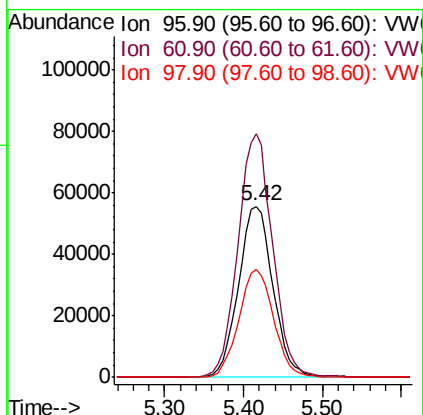
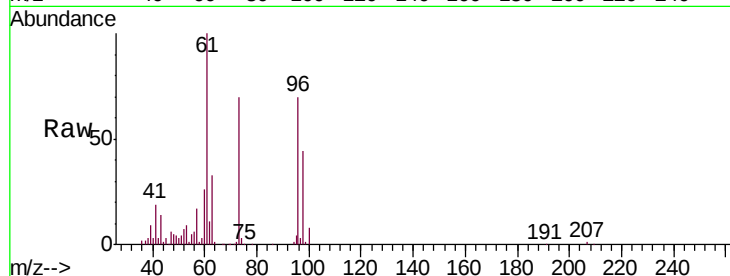
Tgt Ion: 96 Resp: 168961

Ion Ratio Lower Upper

96 100

61 142.5 114.1 171.1

98 63.1 51.4 77.2



#22

Diisopropyl ether

Concen: 22.624 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Tgt Ion: 45 Resp: 511120

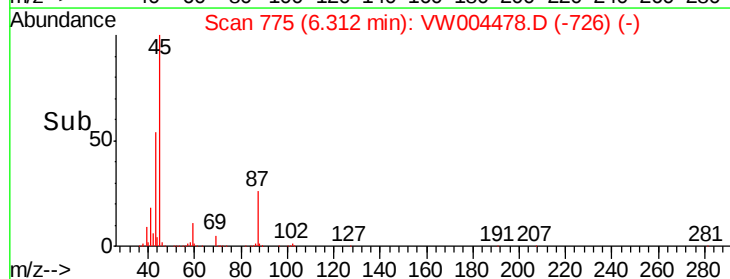
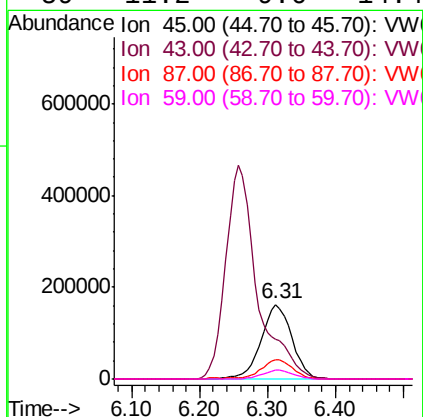
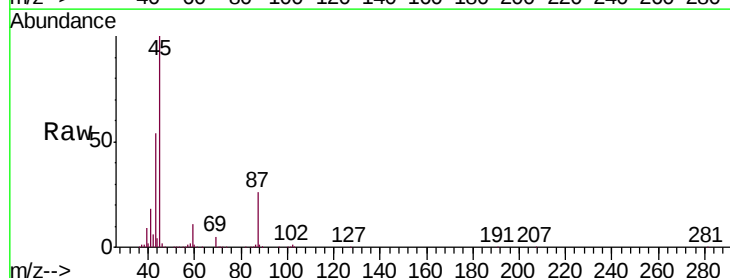
Ion Ratio Lower Upper

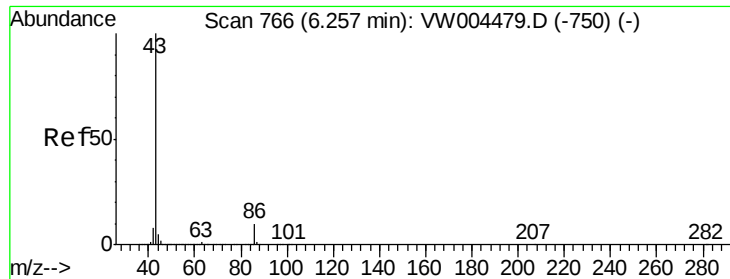
45 100

43 53.9 42.4 63.6

87 26.1 21.6 32.4

59 11.2 9.6 14.4

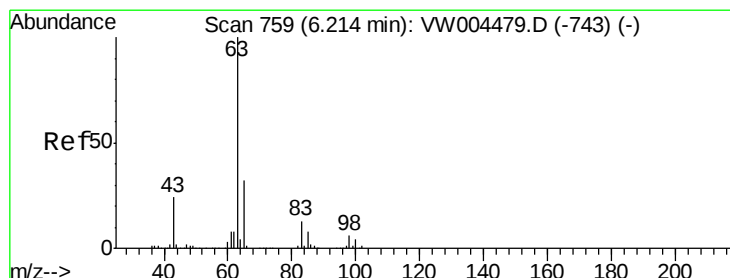
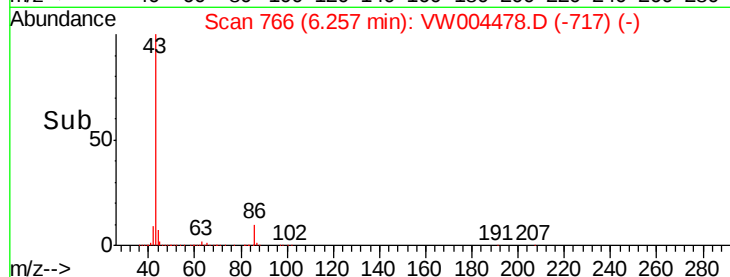
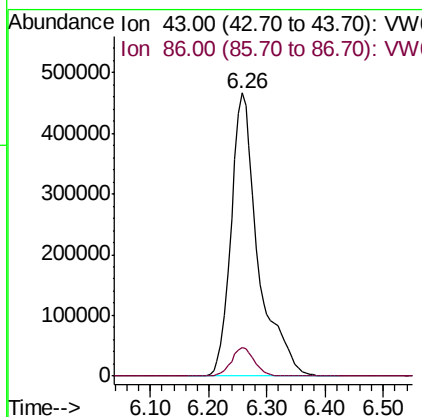
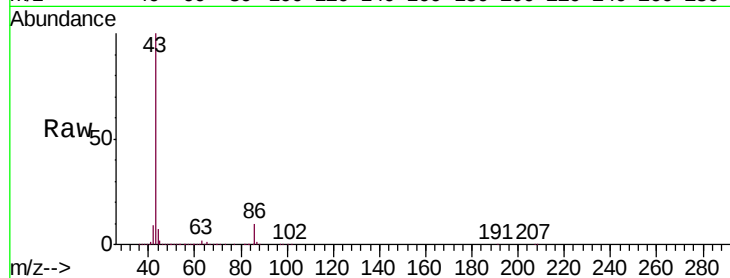




#23
 Vinyl Acetate
 Concen: 113.660 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

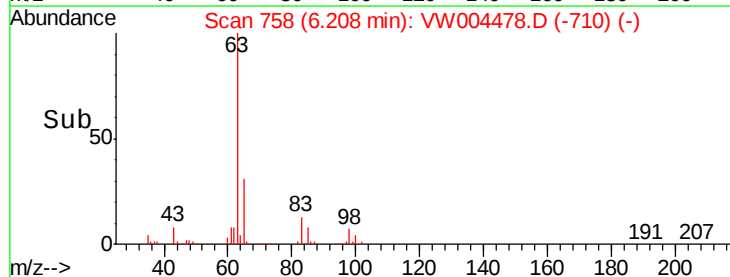
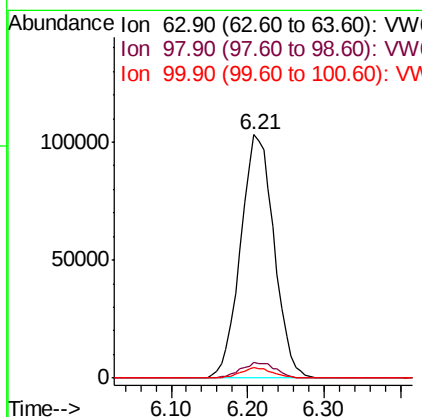
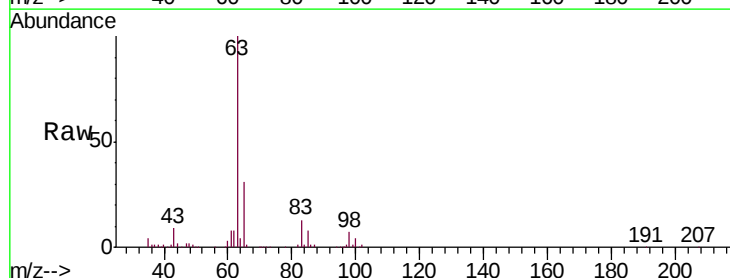
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

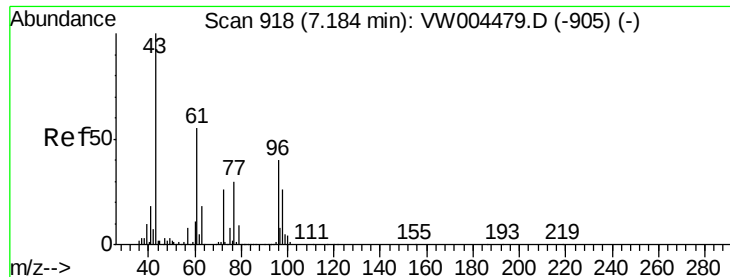
Tgt Ion: 43 Resp: 1502894
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 21.523 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 63 Resp: 314220
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 151.590 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

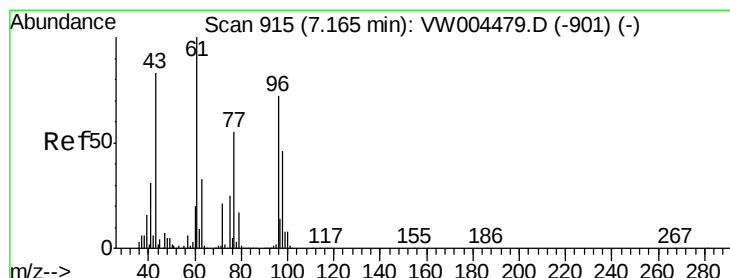
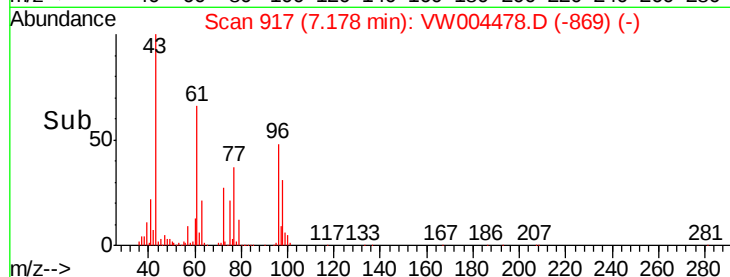
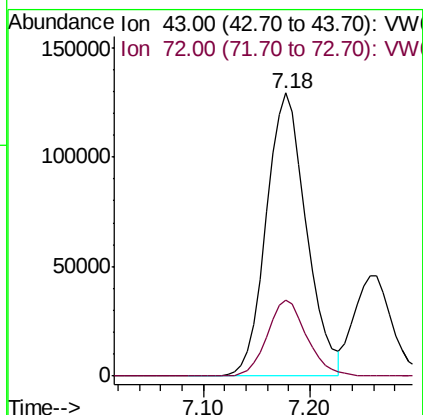
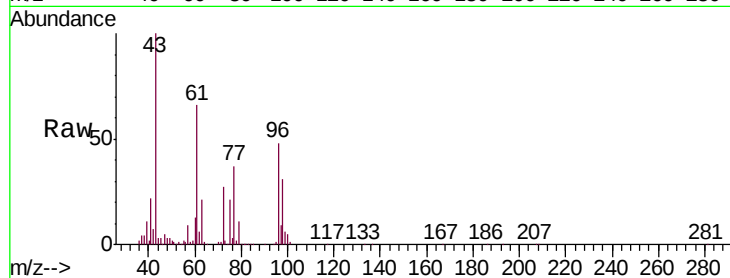
VSTDIC020

Tgt Ion: 43 Resp: 337420

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.881 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004478.D

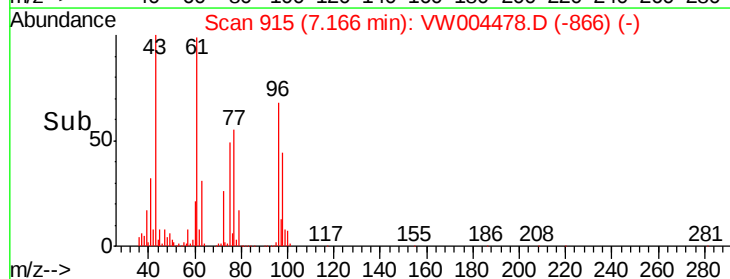
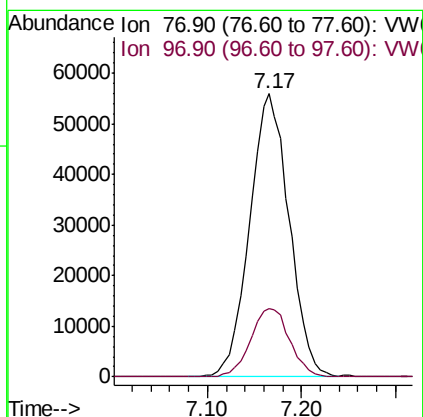
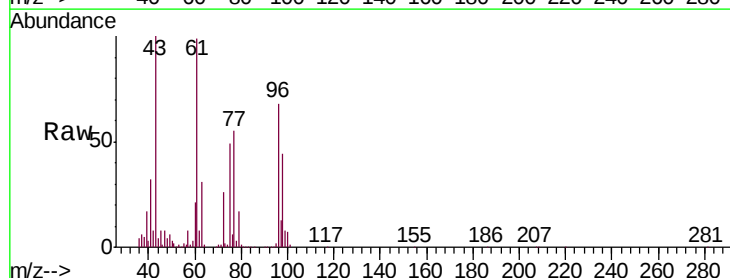
Acq: 06 Aug 2018 19:10

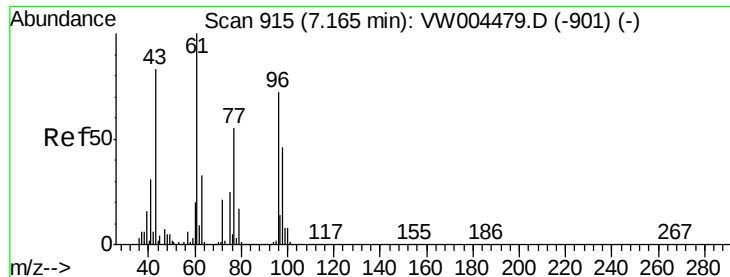
Tgt Ion: 77 Resp: 163952

Ion Ratio Lower Upper

77 100

97 23.9 12.5 37.5



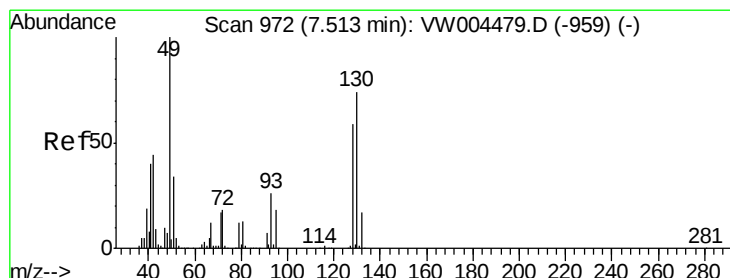
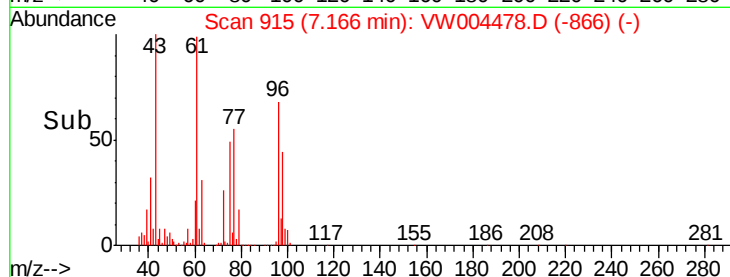
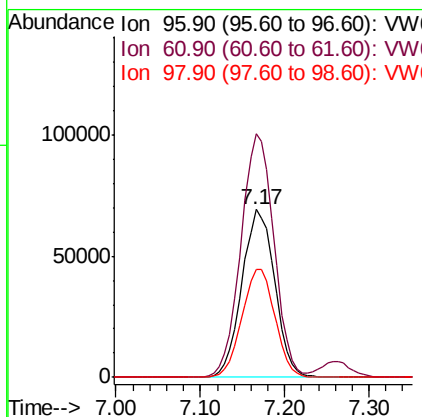
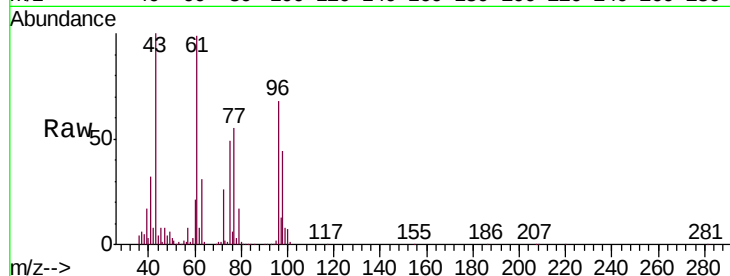


#27

cis-1,2-Dichloroethene
 Concen: 22.471 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

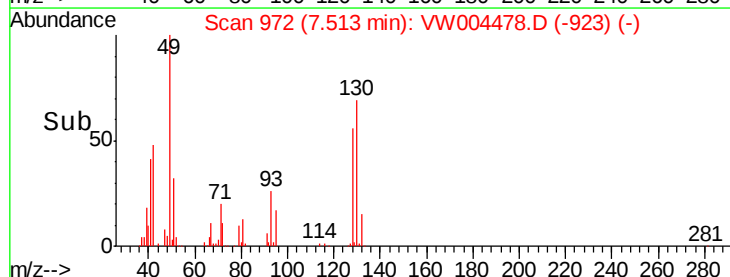
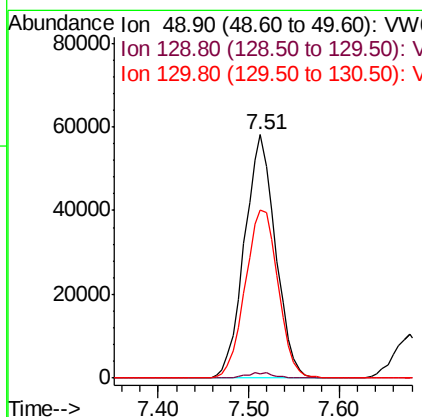
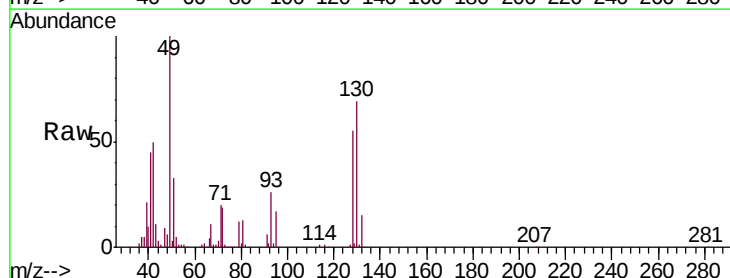
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	285.0
98	64.4	0.0	128.6

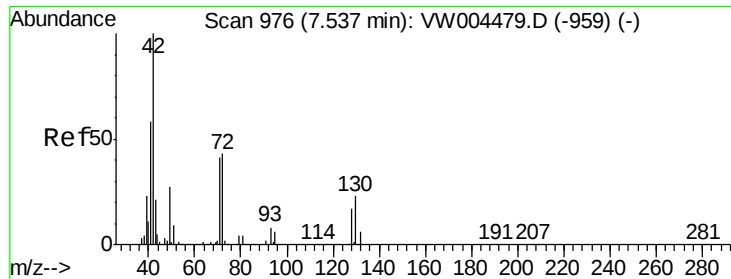


#28

Bromochloromethane
 Concen: 25.894 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	73.3	58.8	88.2





#29

Tetrahydrofuran

Concen: 127.784 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

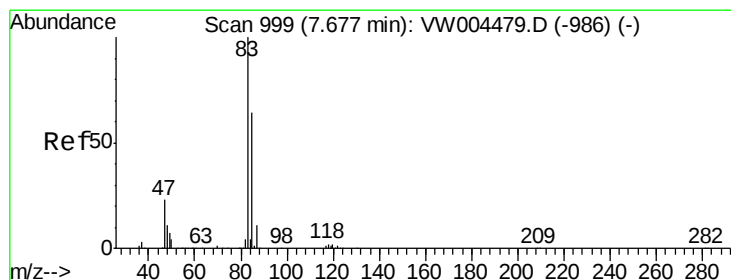
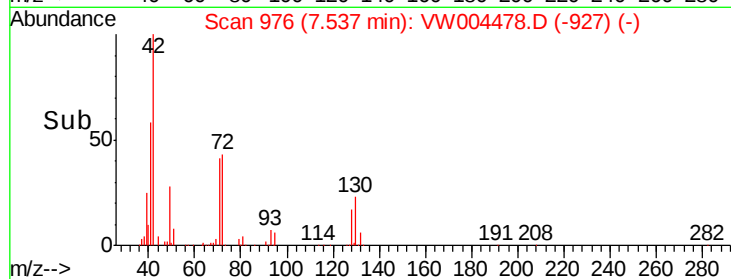
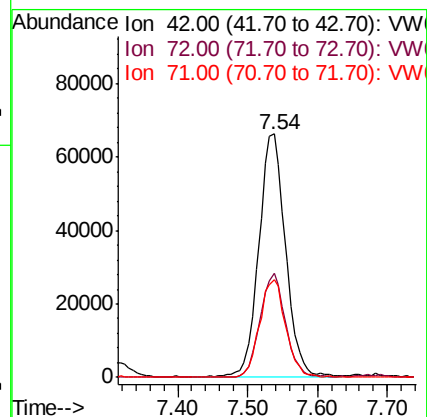
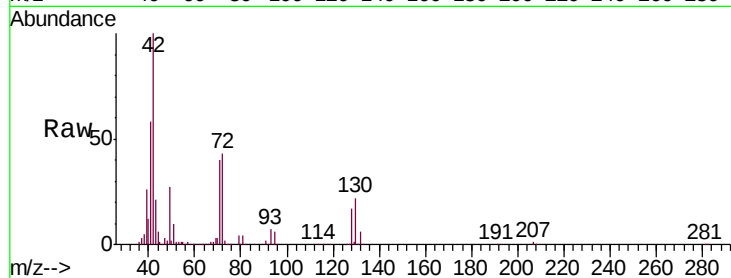
Tgt Ion: 42 Resp: 174892

Ion Ratio Lower Upper

42 100

72 41.1 34.1 51.1

71 39.2 32.5 48.7



#30

Chloroform

Concen: 22.428 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004478.D

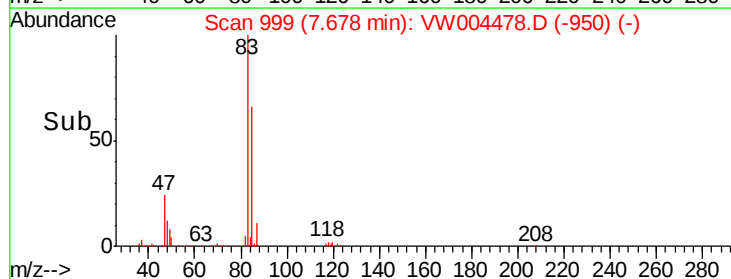
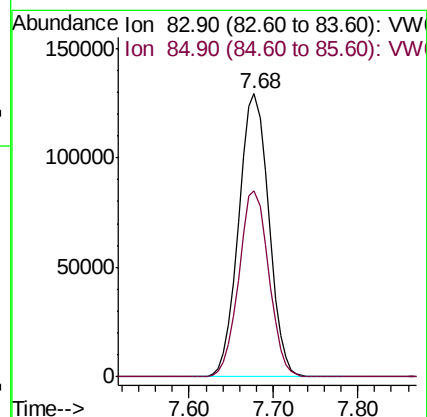
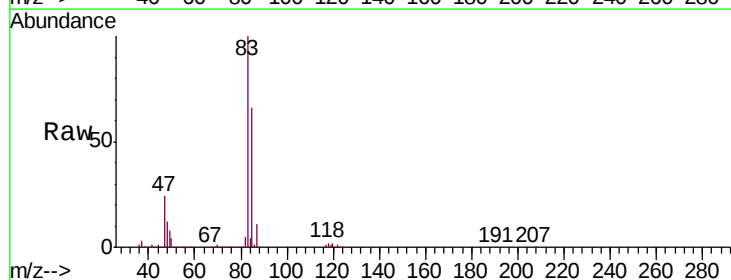
Acq: 06 Aug 2018 19:10

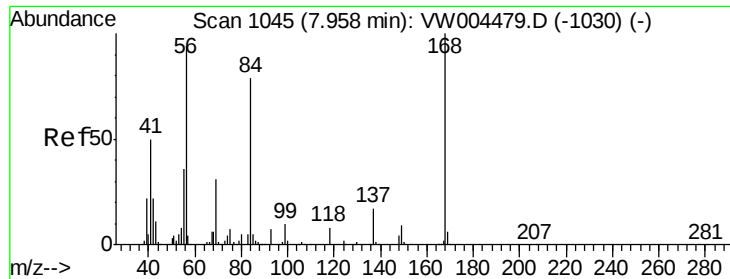
Tgt Ion: 83 Resp: 312061

Ion Ratio Lower Upper

83 100

85 65.9 51.3 76.9

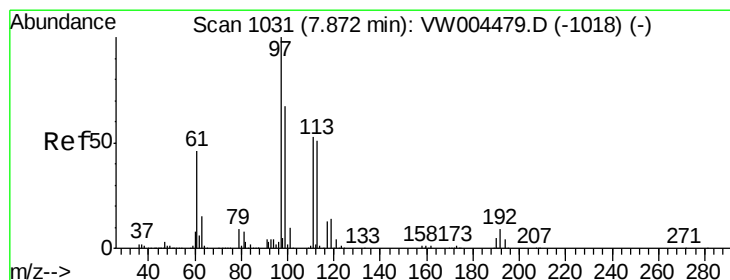
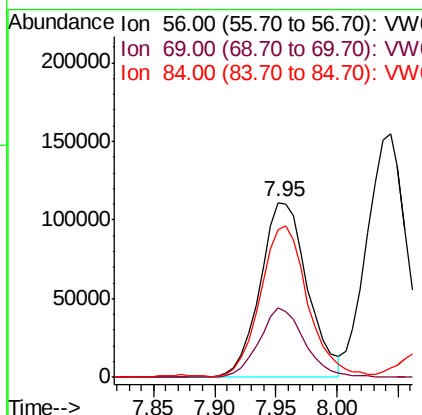
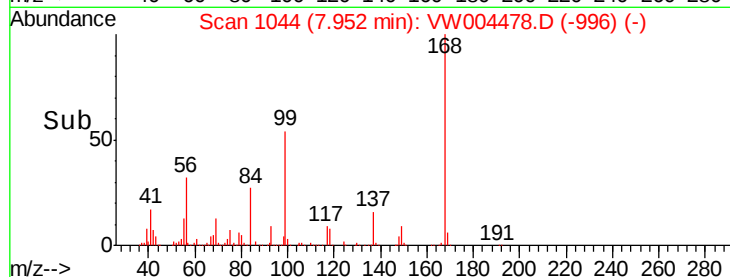
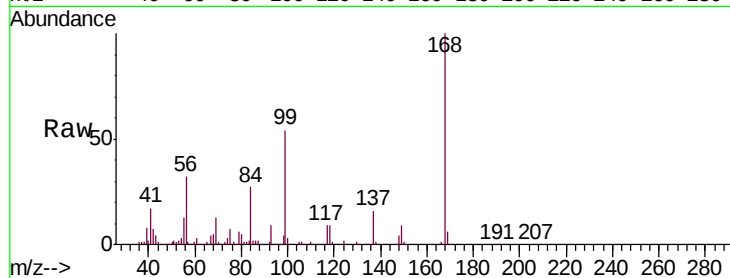




#31
Cyclohexane
Concen: 23.054 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

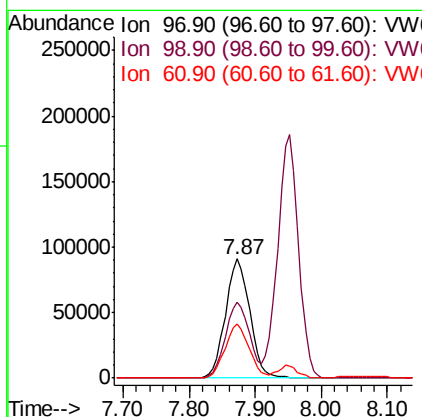
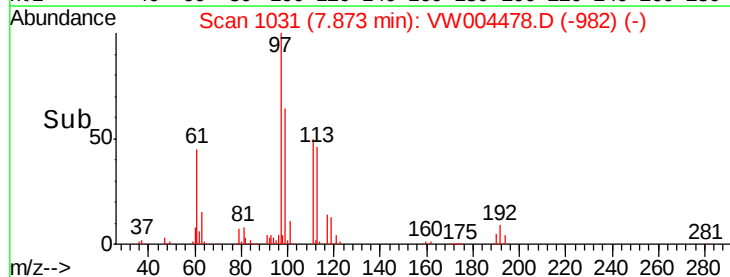
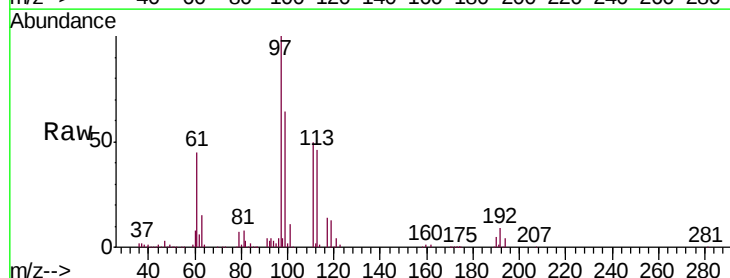
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

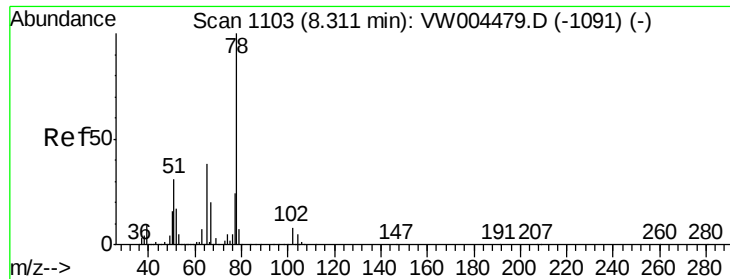
Tgt Ion: 56 Resp: 298713
Ion Ratio Lower Upper
56 100
69 39.4 26.4 39.6
84 83.3 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.571 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 97 Resp: 231671
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 45.2 35.7 53.5

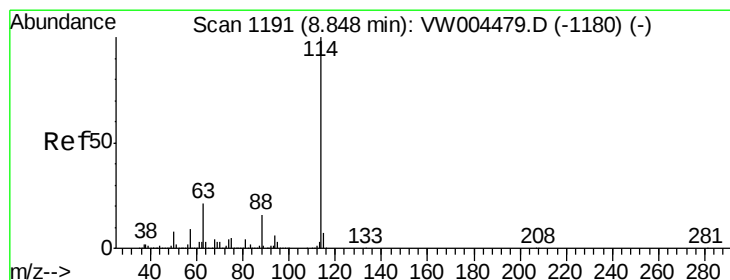
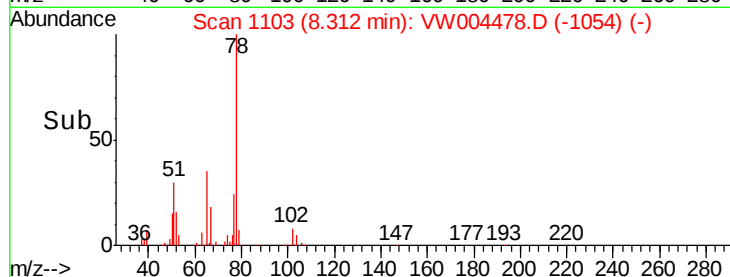
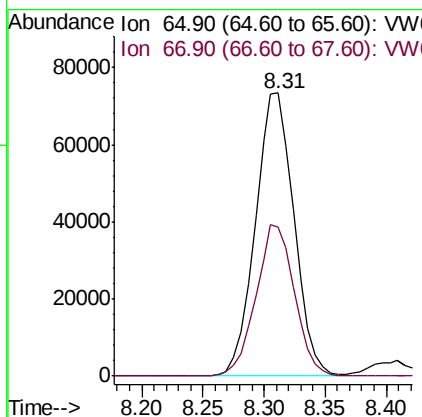
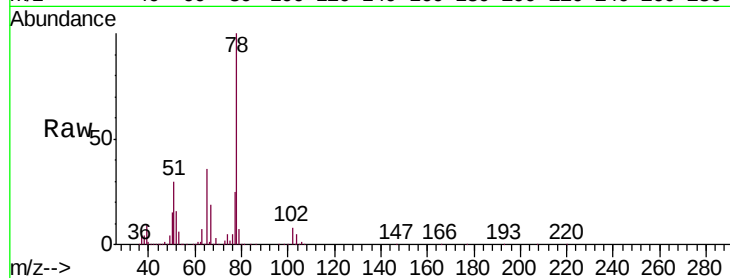




#33
 1,2-Dichloroethane-d4
 Concen: 21.495 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

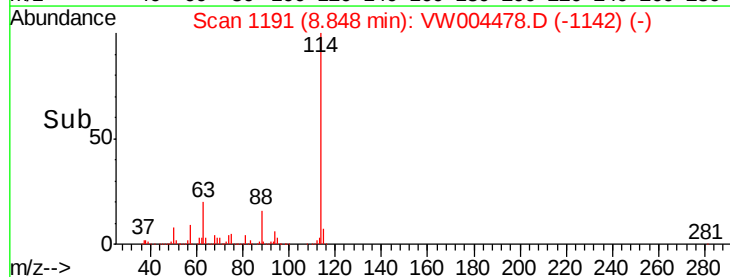
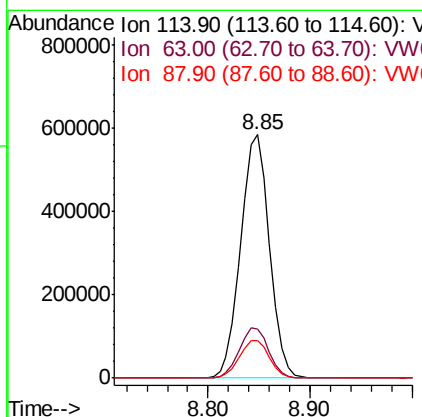
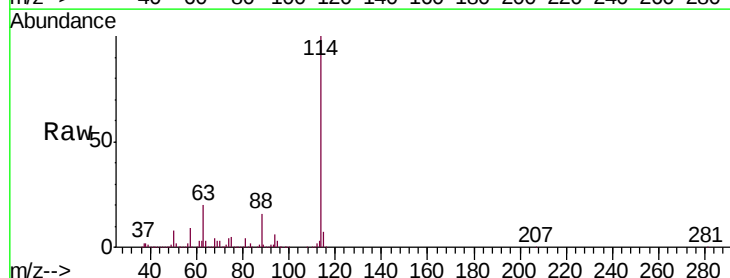
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

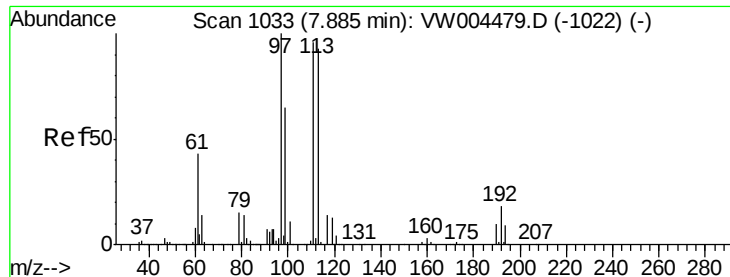
Tgt Ion: 65 Resp: 161258
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 114 Resp: 1147025
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 20.274 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

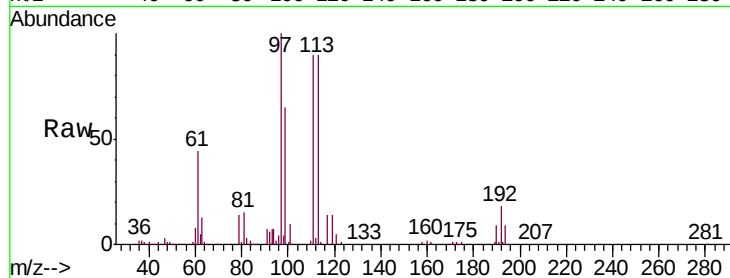
Tgt Ion: 113 Resp: 148265

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

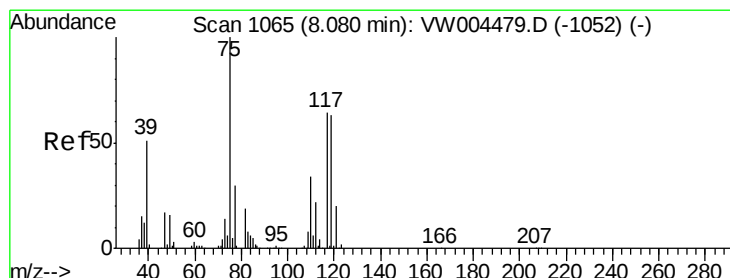
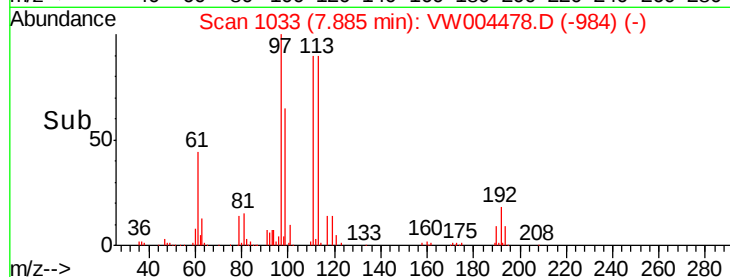
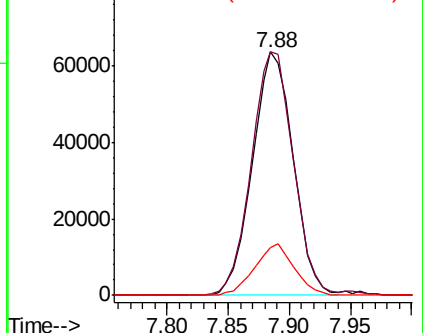
192 20.5 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.509 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

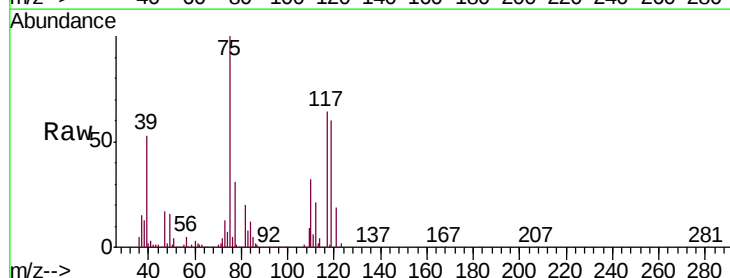
Tgt Ion: 75 Resp: 249628

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

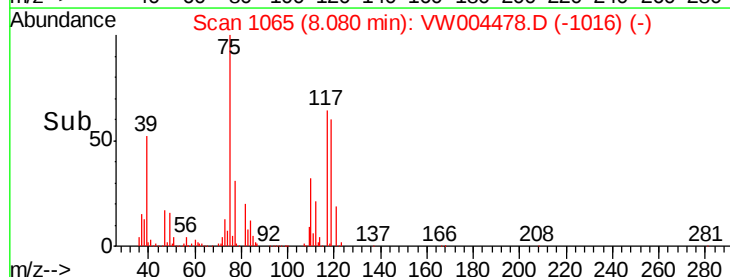
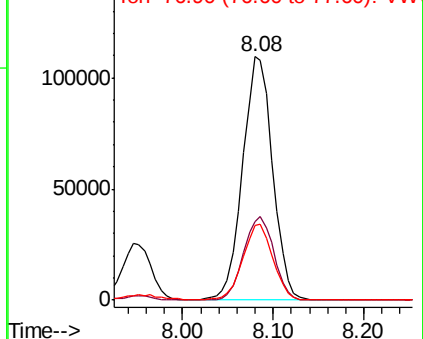
77 31.5 24.7 37.1

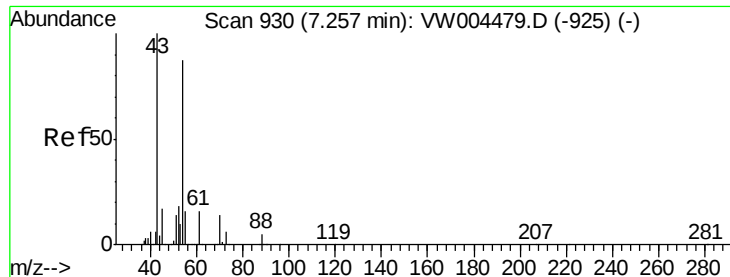


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

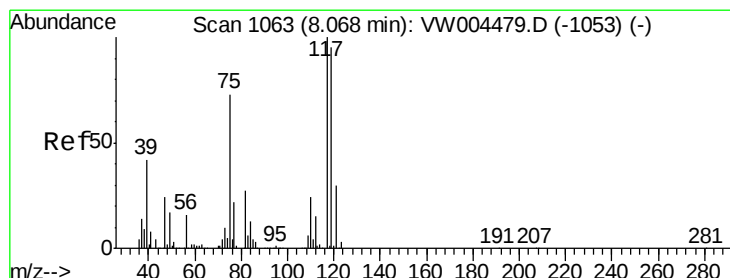
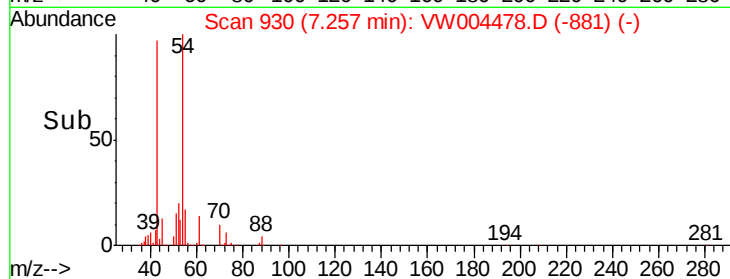
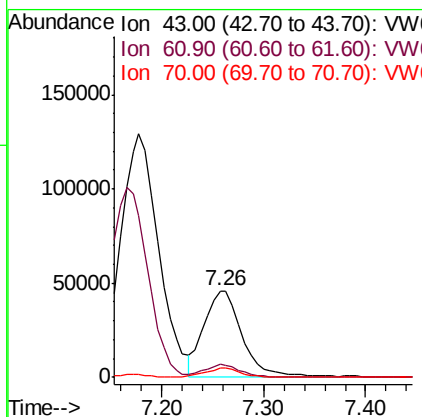
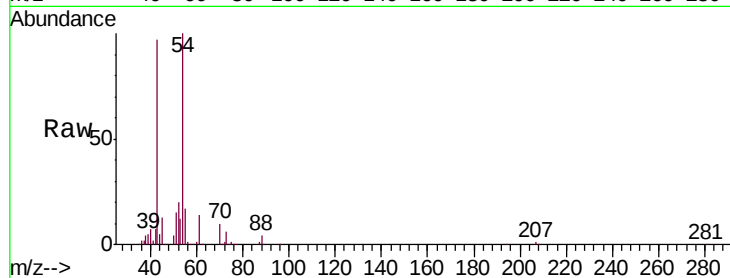




#37
 Ethyl Acetate
 Concen: 24.360 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

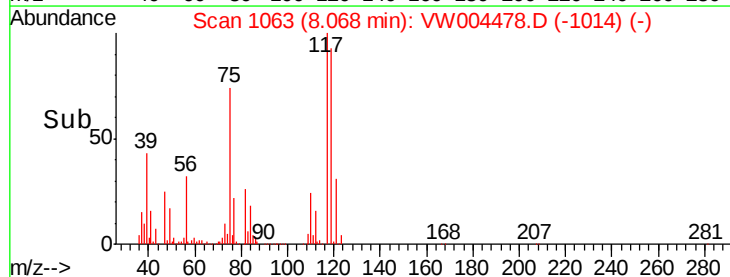
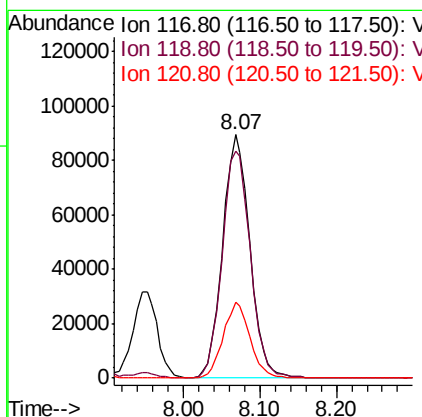
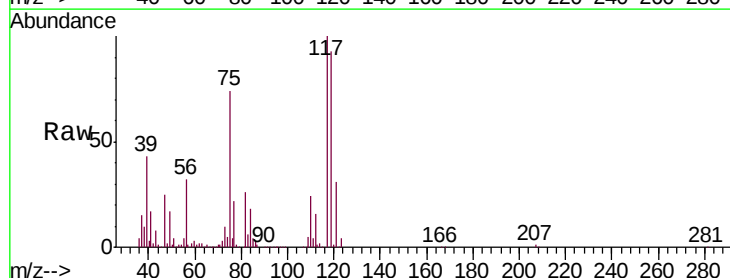
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

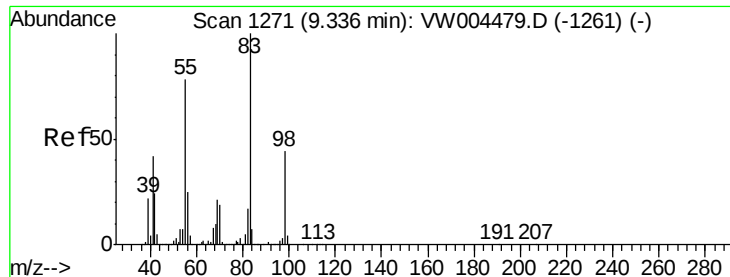
Tgt Ion: 43 Resp: 117194
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.9 17.9
 70 10.0 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 19.469 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 117 Resp: 220440
 Ion Ratio Lower Upper
 117 100
 119 93.2 76.1 114.1
 121 31.1 24.2 36.4

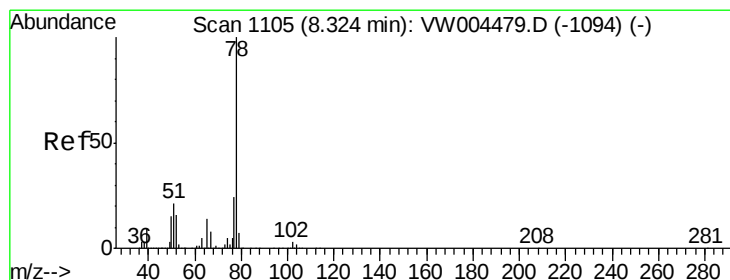
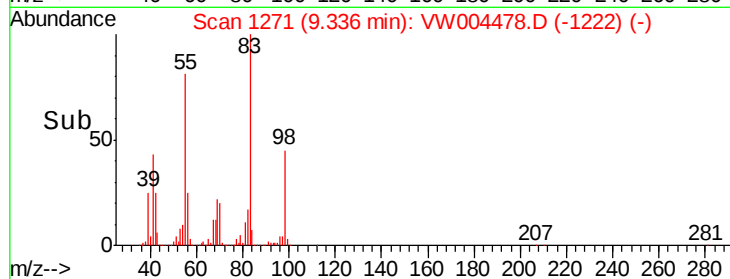
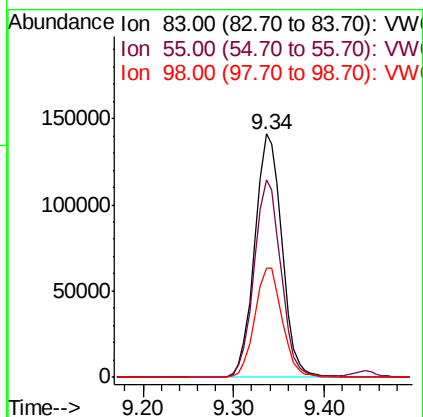
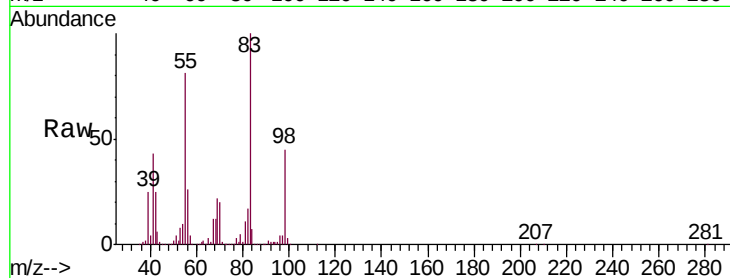




#39
Methylcyclohexane
Concen: 20.805 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

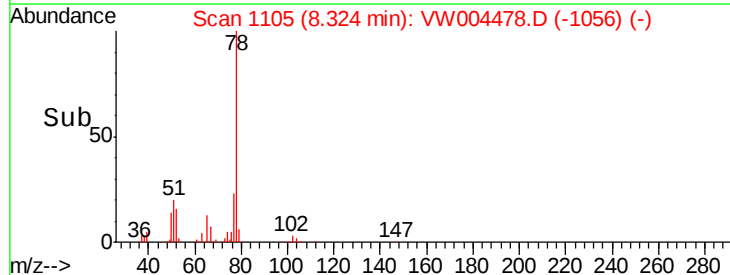
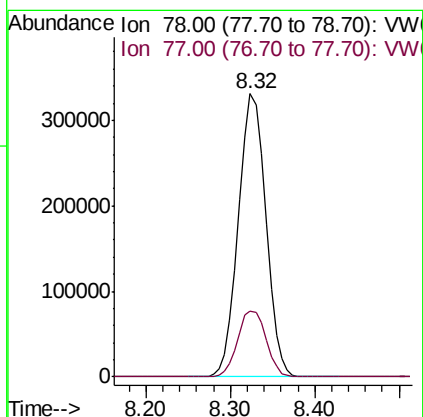
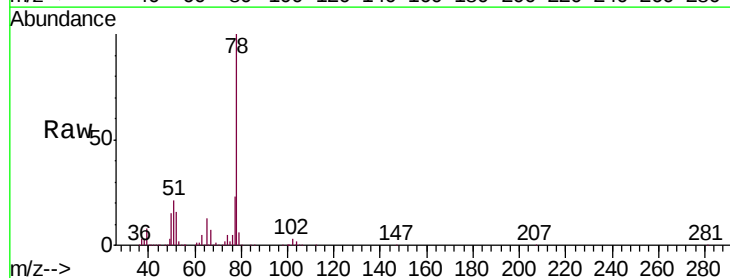
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

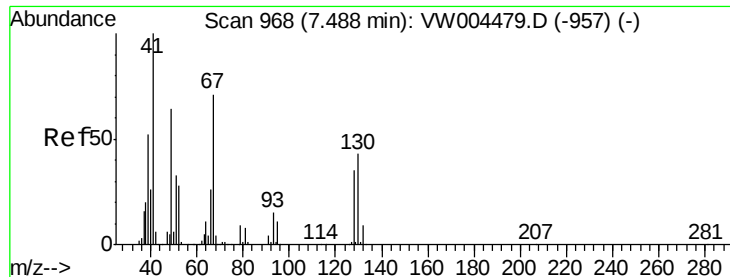
Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.3	62.5	93.7
98	44.9	35.4	53.2



#40
Benzene
Concen: 22.226 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6

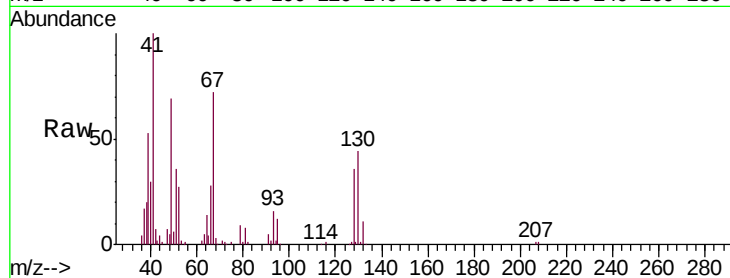




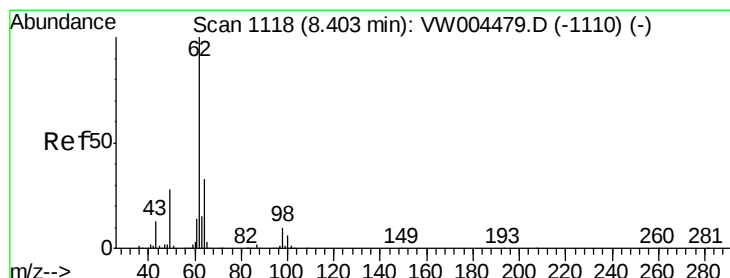
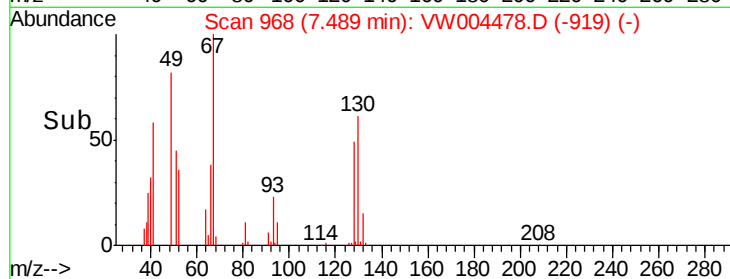
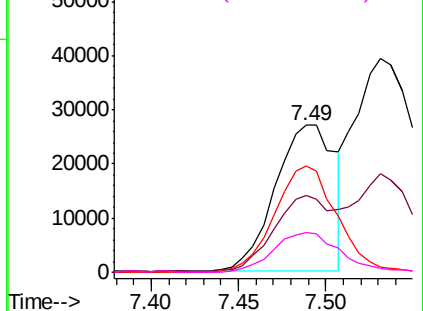
#41
Methacrylonitrile
Concen: 23.518 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	64744
Ion	Ratio	Lower	Upper
41	100		
39	53.2	46.2	69.2
67	76.1	60.8	91.2
52	31.1	23.8	35.6

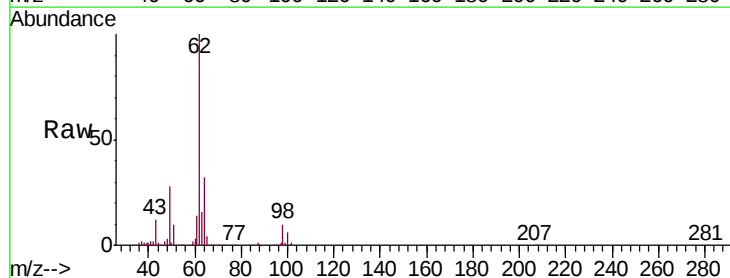


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

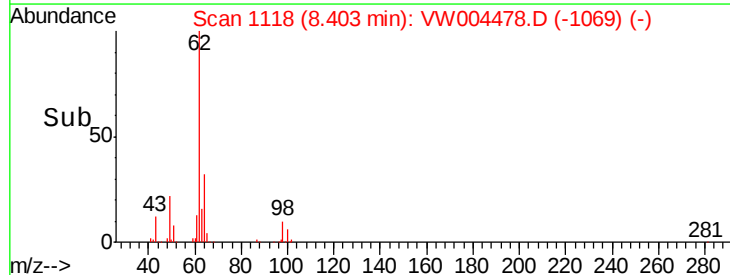
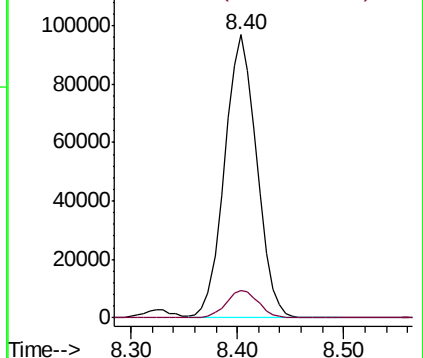


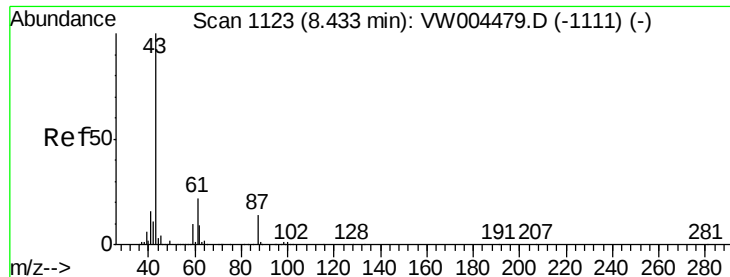
#42
1,2-Dichloroethane
Concen: 21.904 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:	62	Resp:	204280
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: 22.845 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

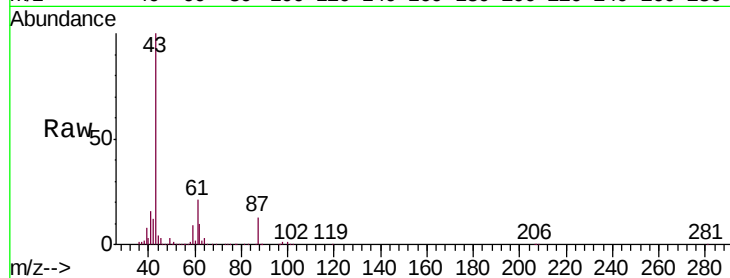
Tgt Ion: 43 Resp: 197351

Ion Ratio Lower Upper

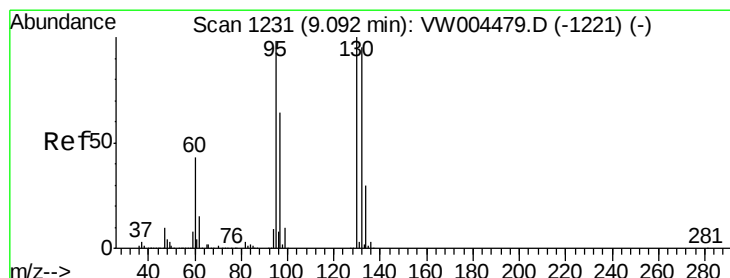
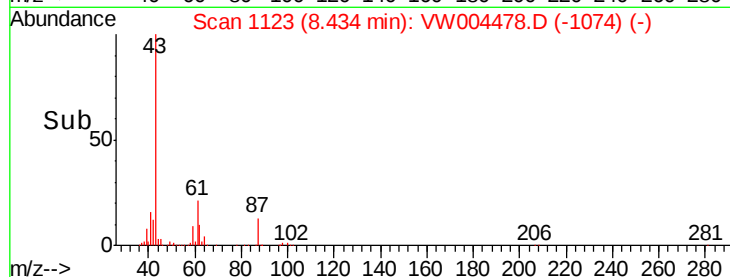
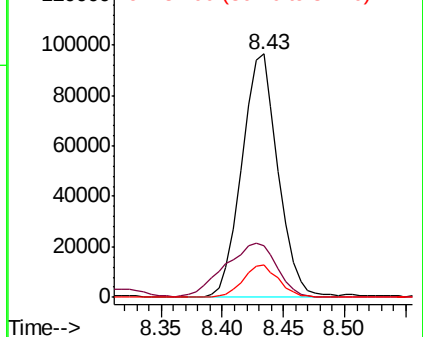
43 100

61 32.1 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: 20.423 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004478.D

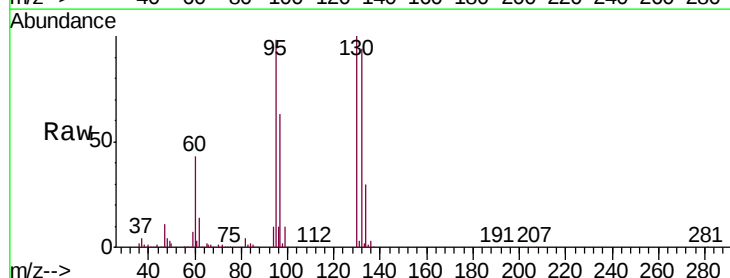
Acq: 06 Aug 2018 19:10

Tgt Ion: 130 Resp: 178883

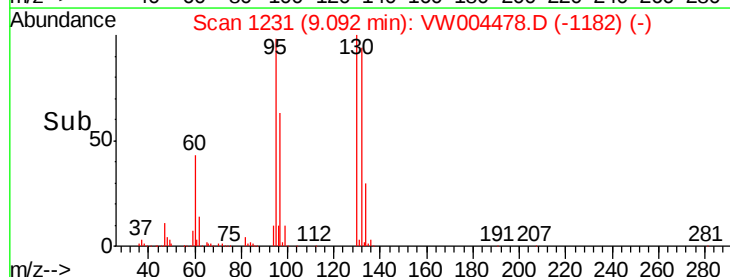
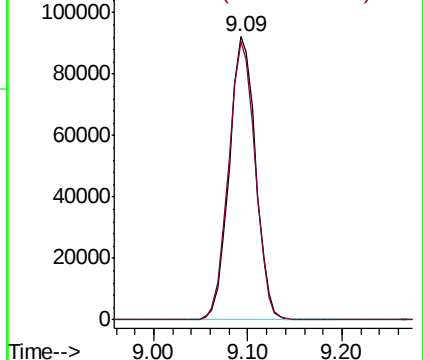
Ion Ratio Lower Upper

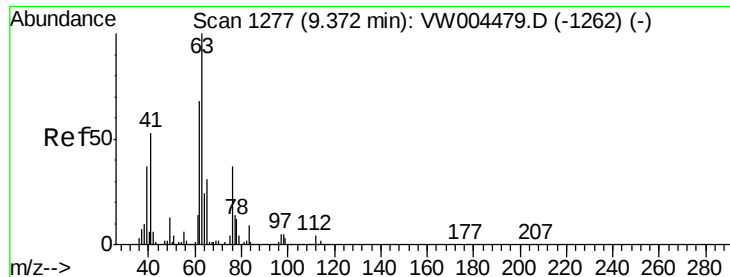
130 100

95 98.4 0.0 196.2



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

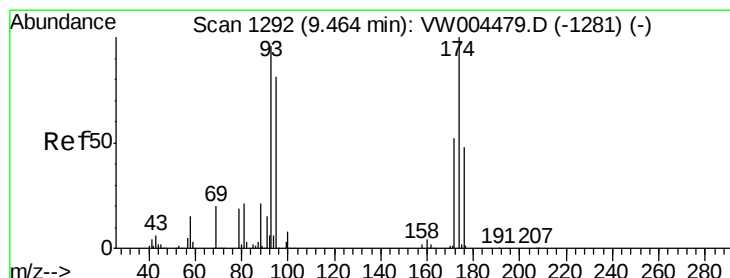
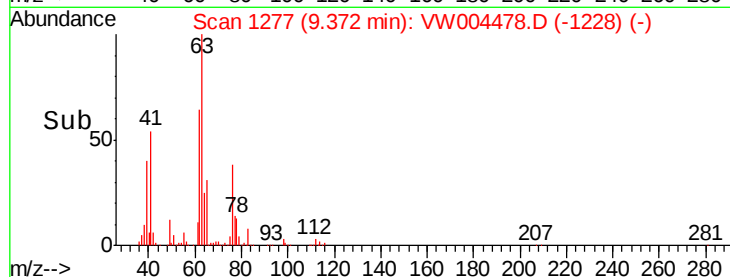
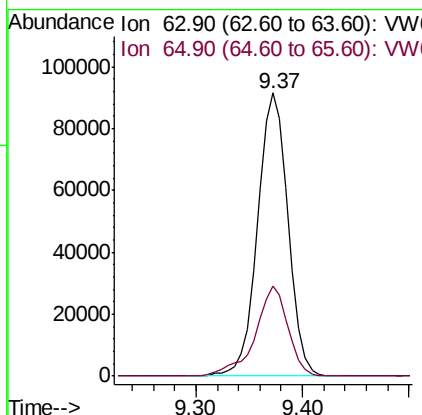
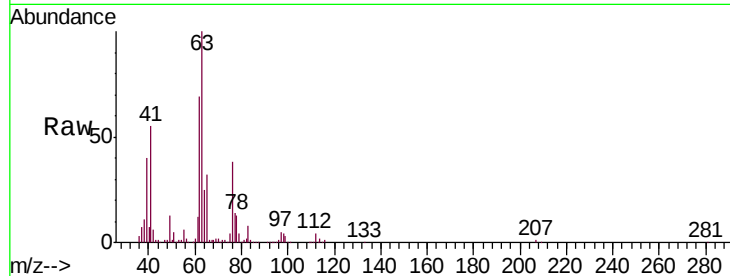




#45
 1,2-Dichloropropane
 Concen: 22.510 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

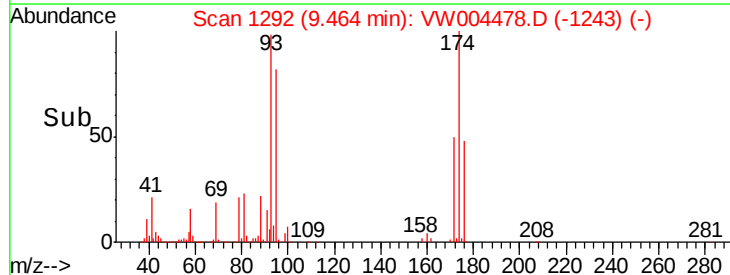
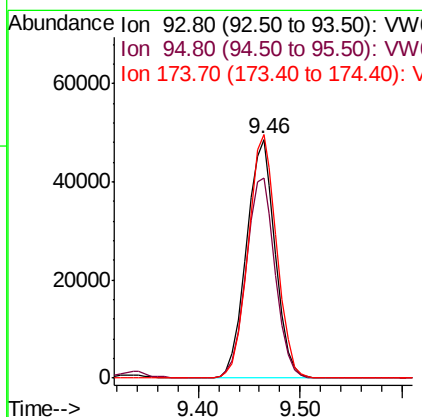
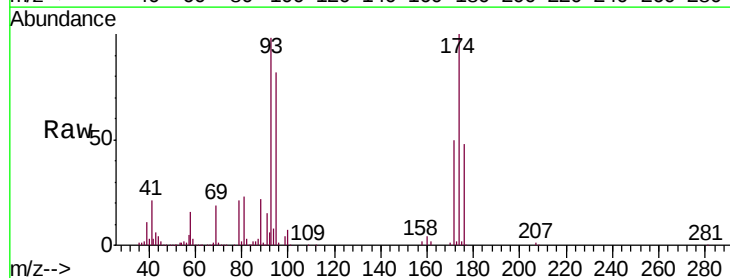
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

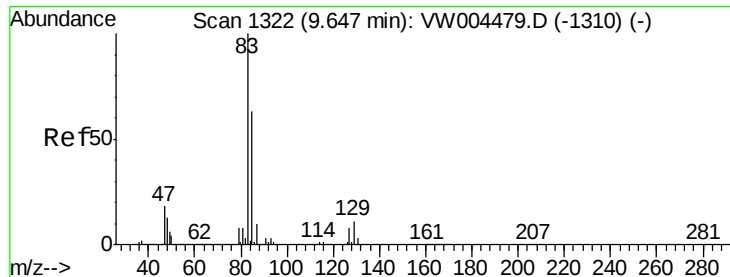
Tgt Ion: 63 Resp: 183259
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.5 36.7



#46
 Dibromomethane
 Concen: 22.758 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 93 Resp: 94849
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.4
 174 101.3 80.2 120.4





#47

Bromodichloromethane

Concen: 20.847 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

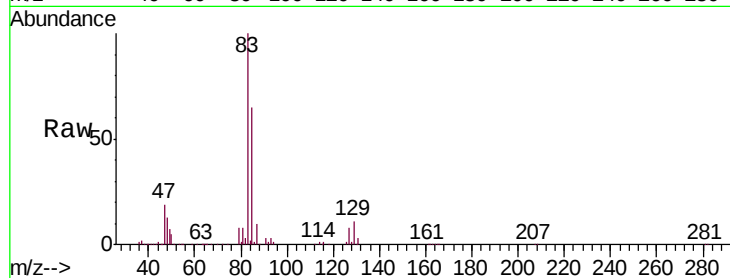
Tgt Ion: 83 Resp: 217522

Ion Ratio Lower Upper

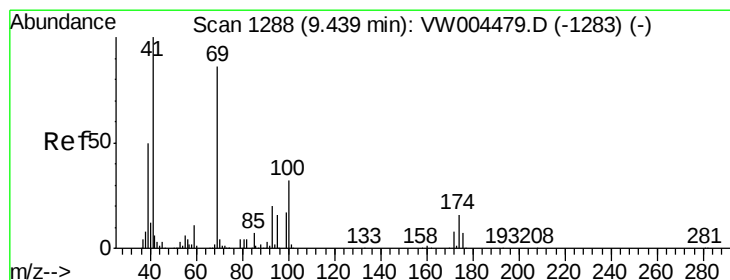
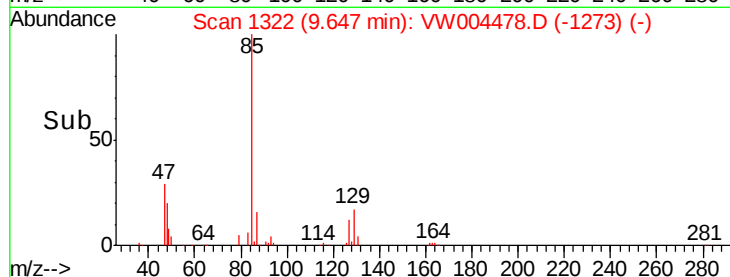
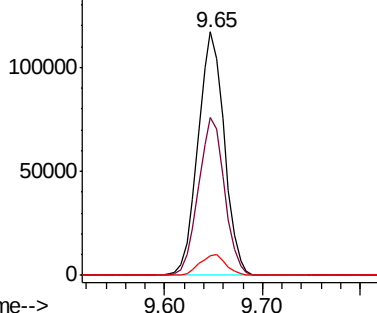
83 100

85 64.8 50.7 76.1

127 7.8 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): V



#48

Methyl methacrylate

Concen: 21.459 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

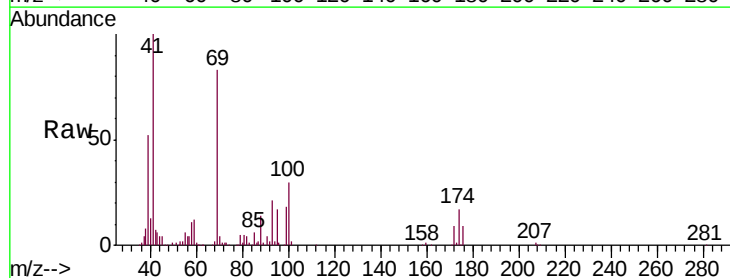
Tgt Ion: 41 Resp: 93655

Ion Ratio Lower Upper

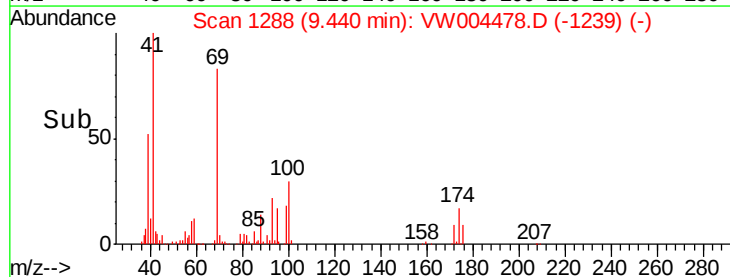
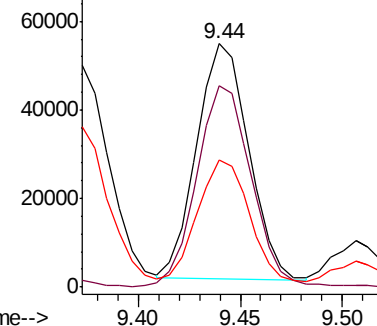
41 100

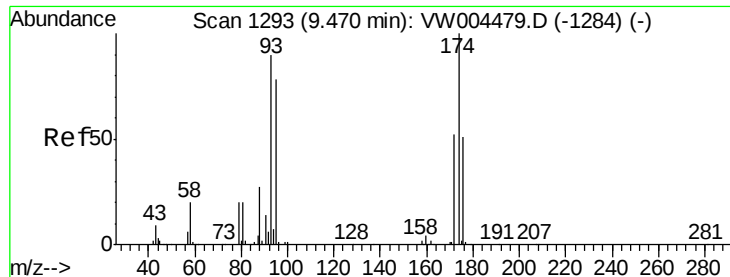
69 90.3 73.2 109.8

39 51.9 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: 447.555 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.02 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

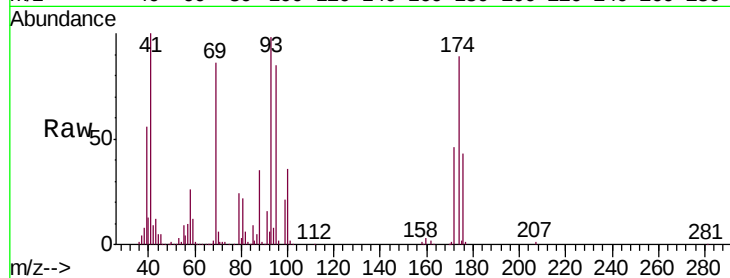
Tgt Ion: 88 Resp: 28345

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

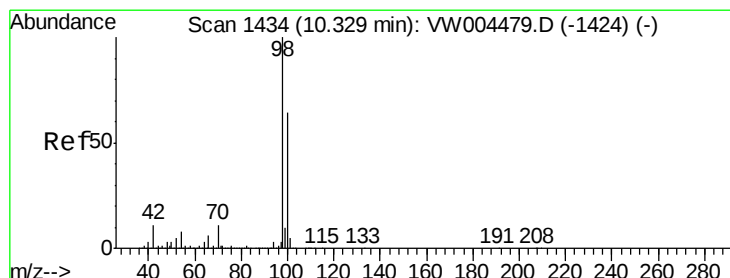
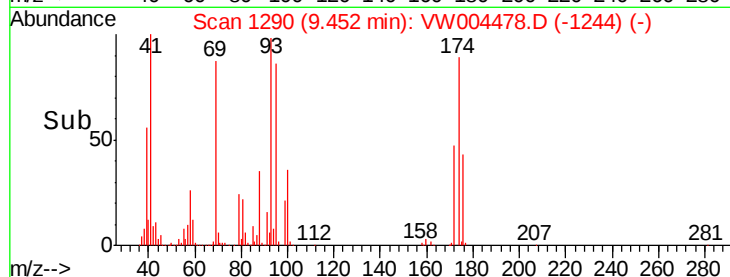
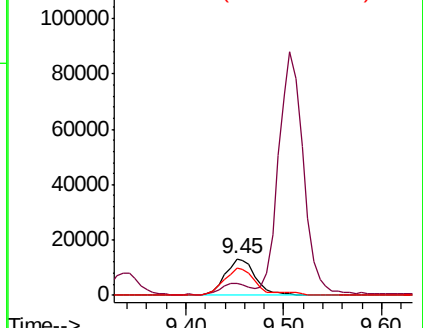
58 75.0 63.5 95.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 20.333 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004478.D

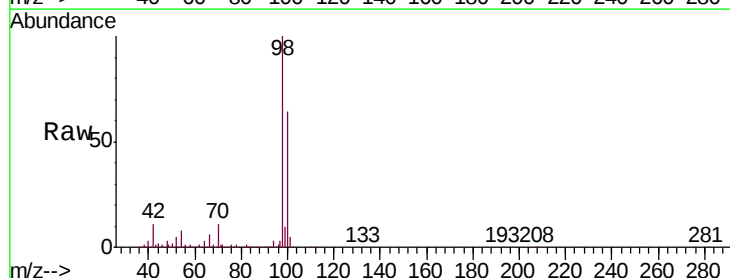
Acq: 06 Aug 2018 19:10

Tgt Ion: 98 Resp: 584026

Ion Ratio Lower Upper

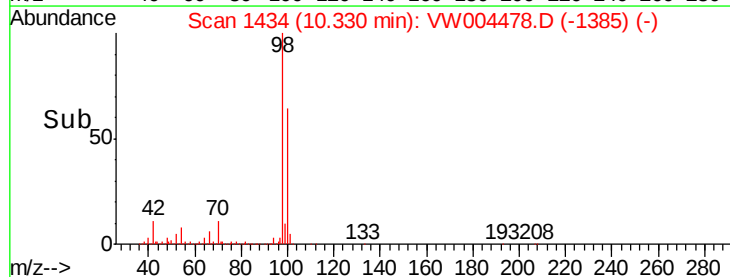
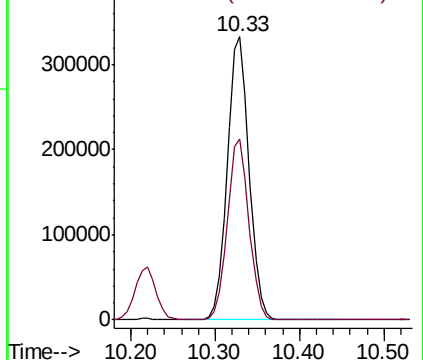
98 100

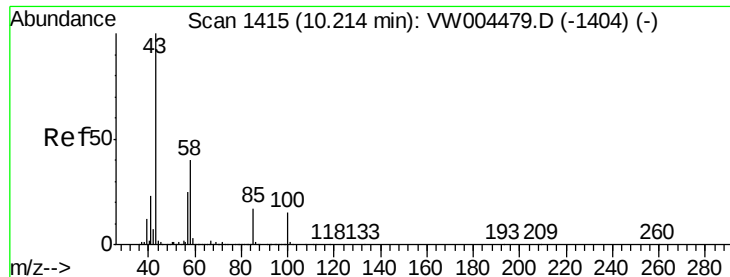
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 145.281 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

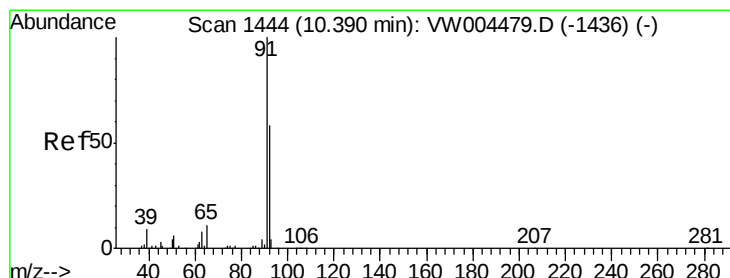
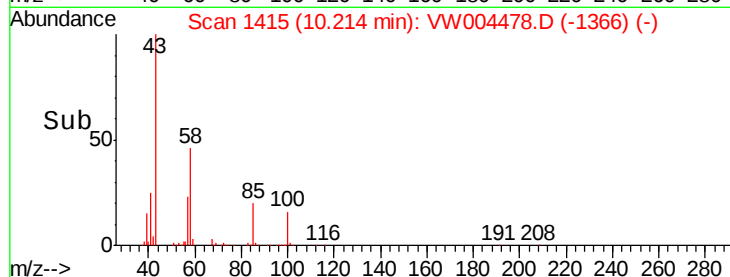
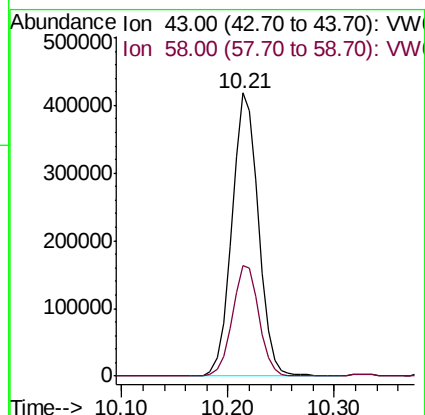
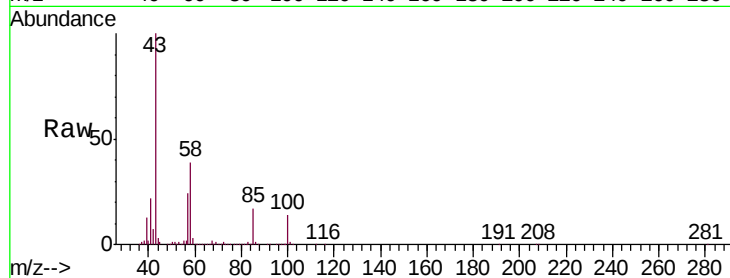
VSTDIC020

Tgt Ion: 43 Resp: 730767

Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



#52

Toluene

Concen: 21.481 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004478.D

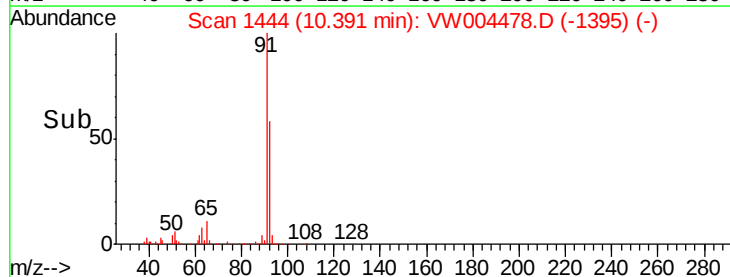
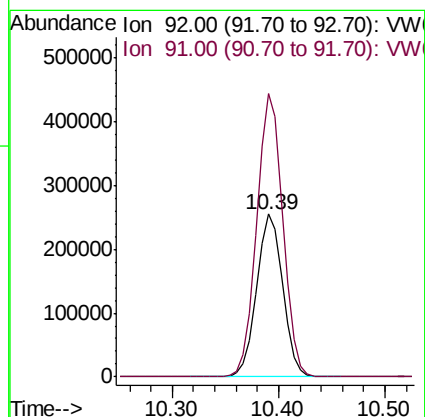
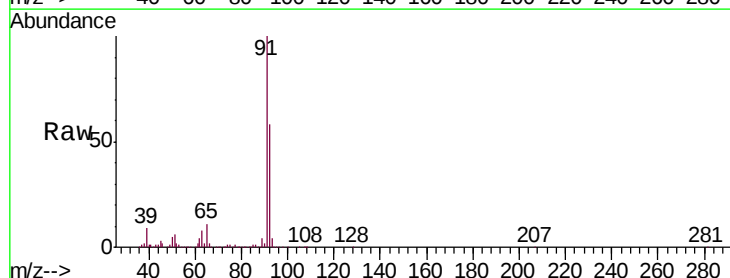
Acq: 06 Aug 2018 19:10

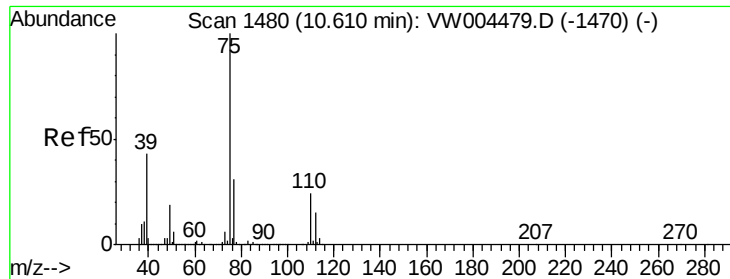
Tgt Ion: 92 Resp: 439206

Ion Ratio Lower Upper

92 100

91 174.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 20.932 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

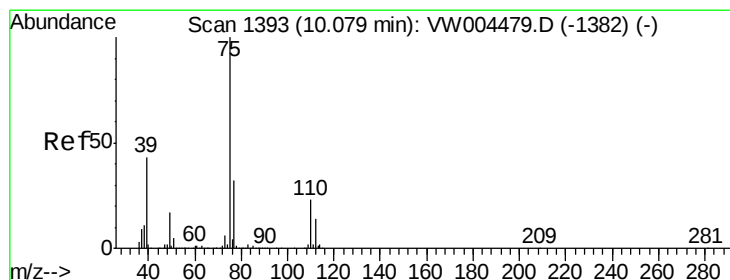
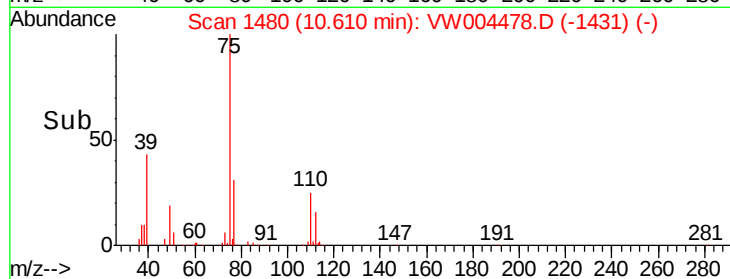
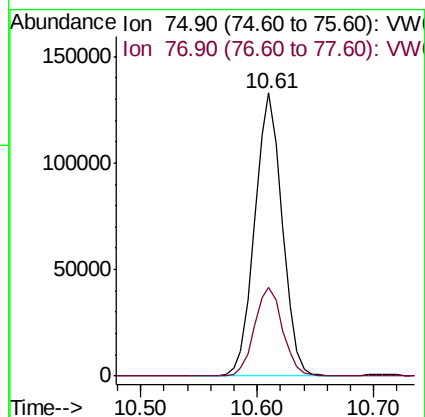
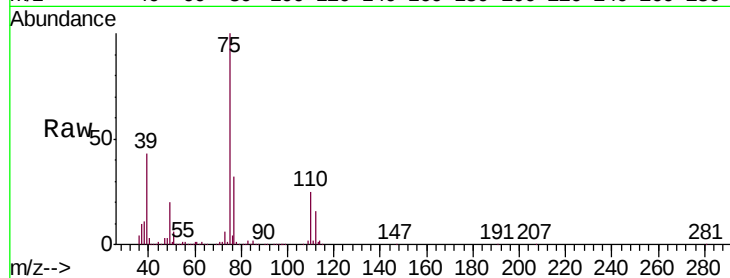
VSTDIC020

Tgt Ion: 75 Resp: 218743

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.000 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

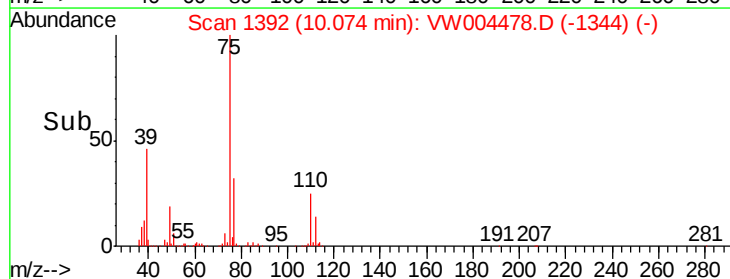
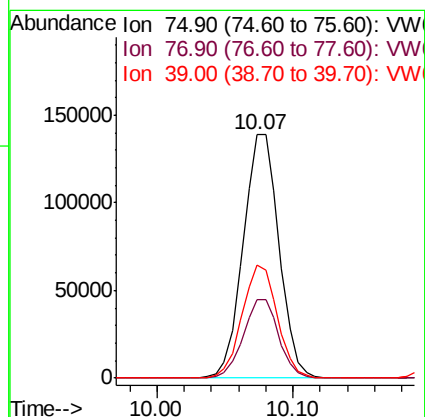
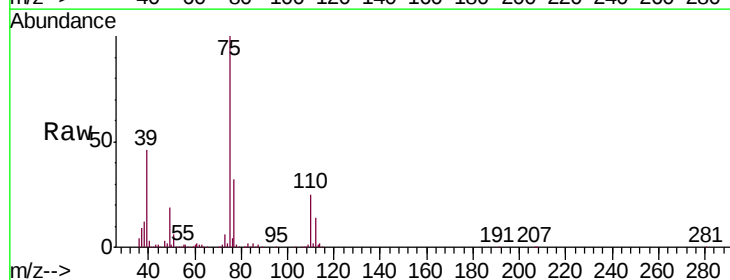
Tgt Ion: 75 Resp: 256037

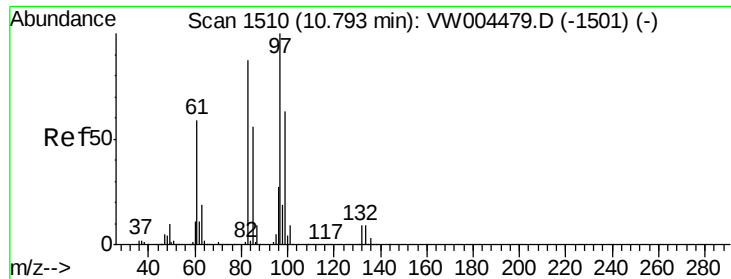
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 46.2 34.5 51.7

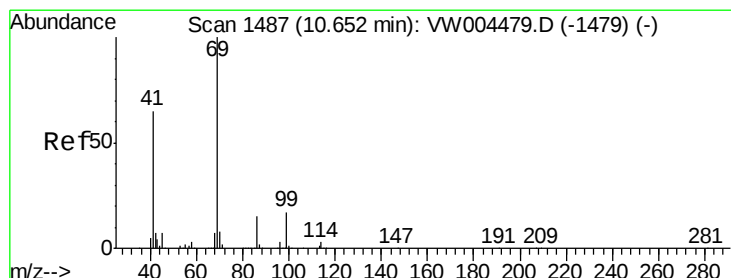
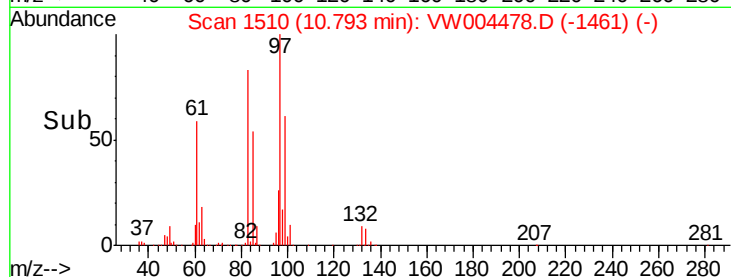
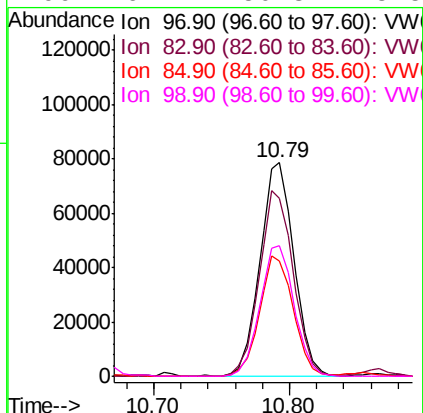
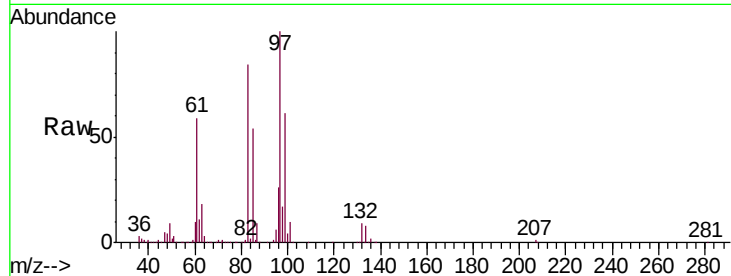




#55
 1,1,2-Trichloroethane
 Concen: 23.261 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

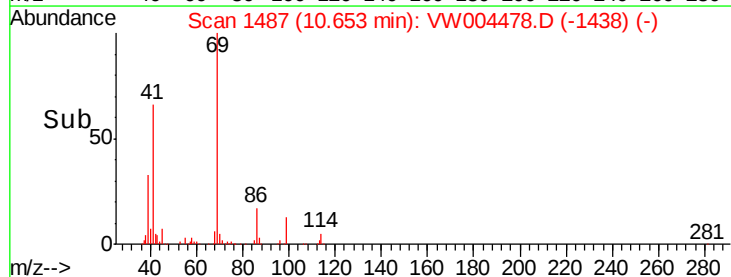
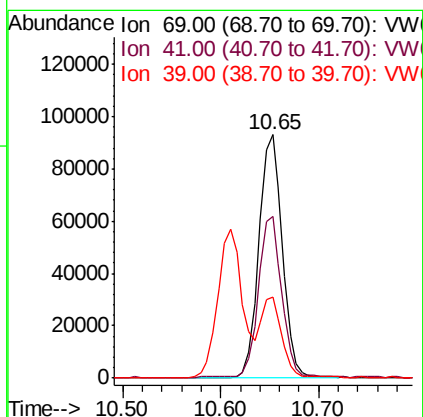
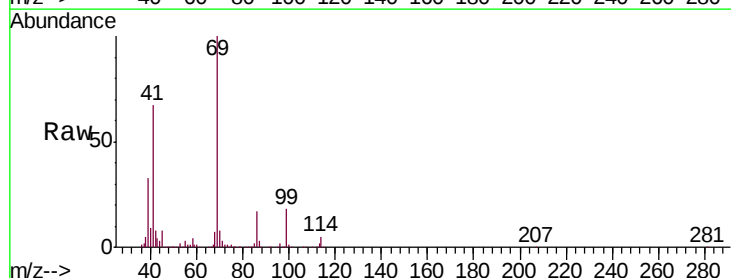
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

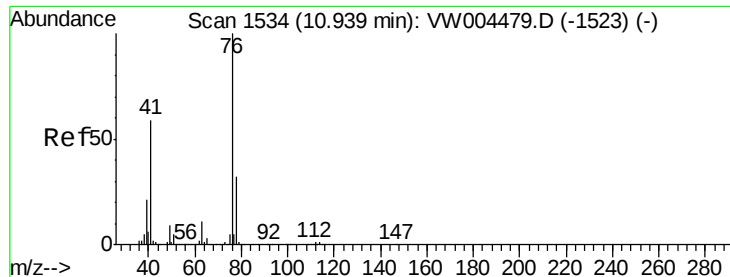
Tgt Ion:	97	Resp:	137677
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.8	104.8
85	53.9	45.1	67.7
99	61.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 21.496 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion:	69	Resp:	154654
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.4	78.6
39	29.6	22.7	34.1





#57

1,3-Dichloropropane

Concen: 22.975 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

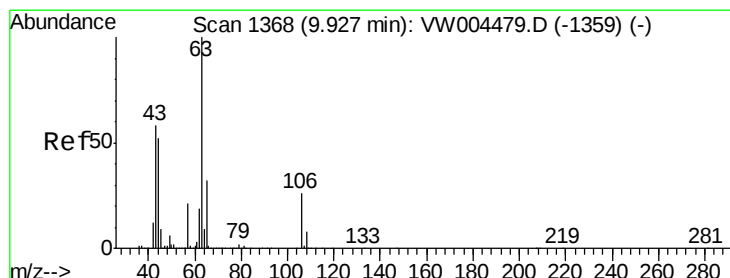
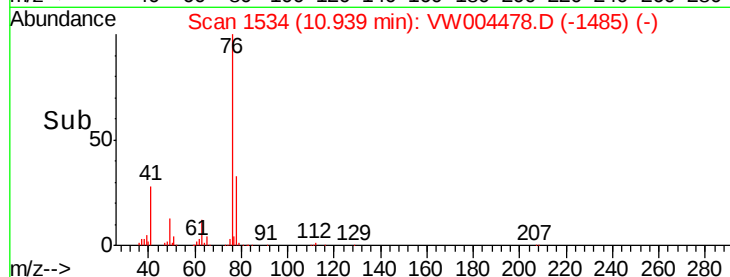
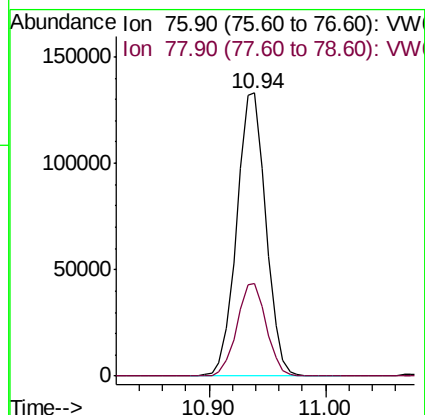
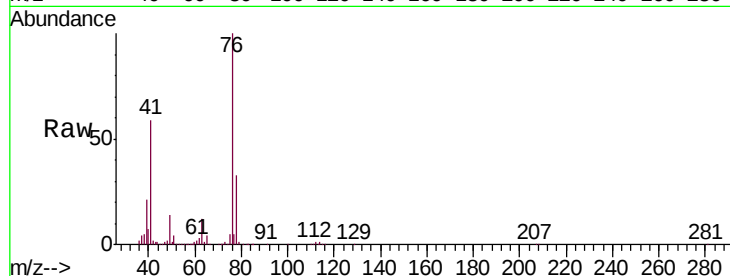
VSTDIC020

Tgt Ion: 76 Resp: 232453

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 121.533 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004478.D

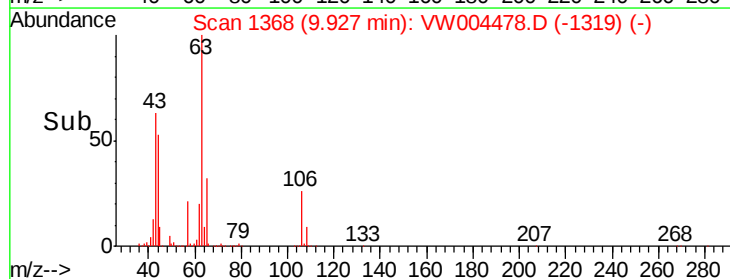
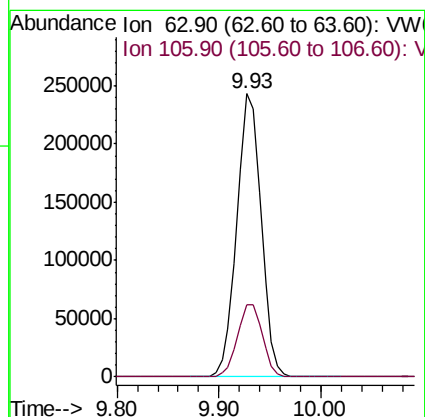
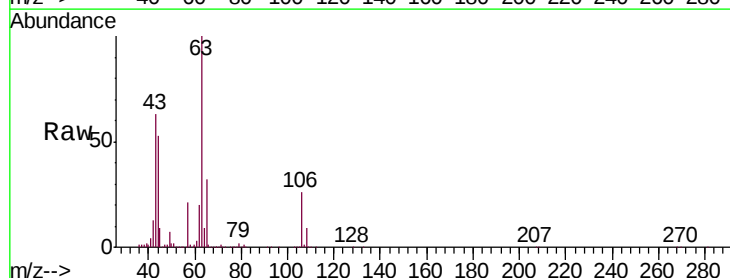
Acq: 06 Aug 2018 19:10

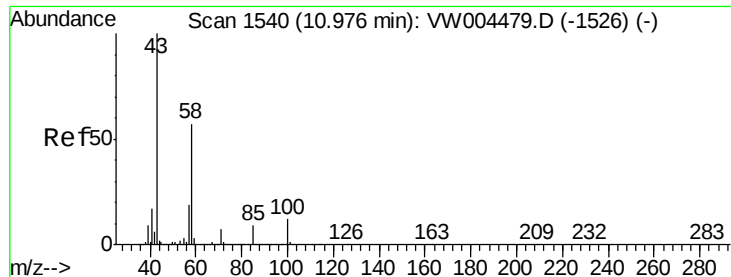
Tgt Ion: 63 Resp: 400188

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9

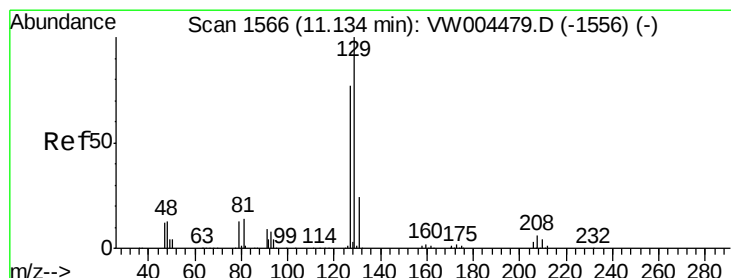
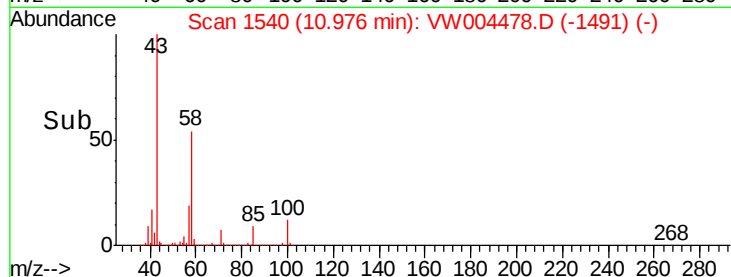
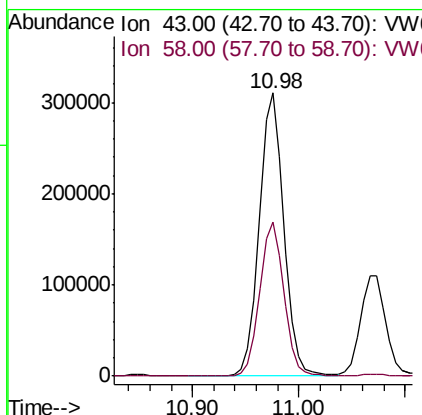
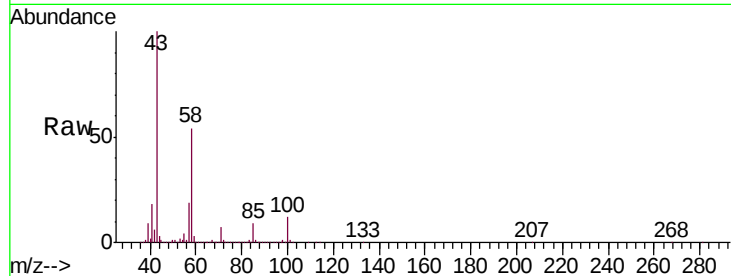




#59
2-Hexanone
Concen: 146.073 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

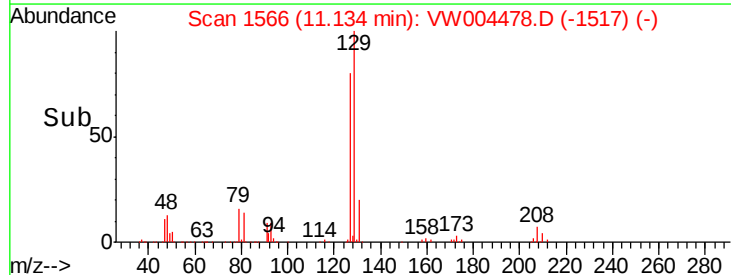
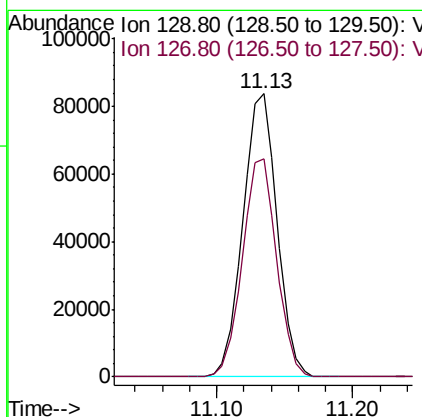
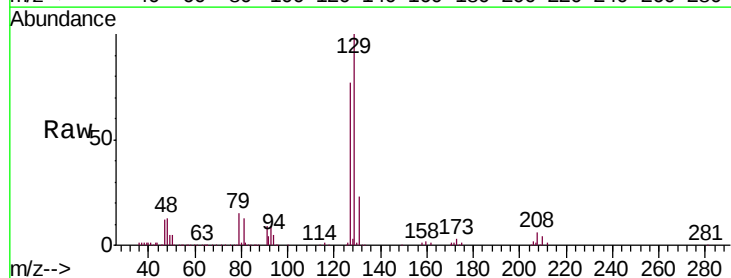
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

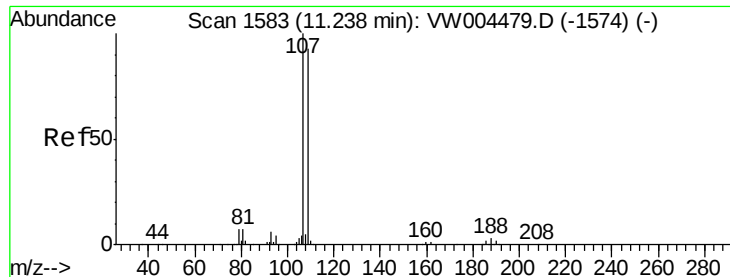
Tgt Ion: 43 Resp: 502842
Ion Ratio Lower Upper
43 100
58 53.8 27.9 83.6



#60
Dibromochloromethane
Concen: 20.931 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 129 Resp: 147084
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

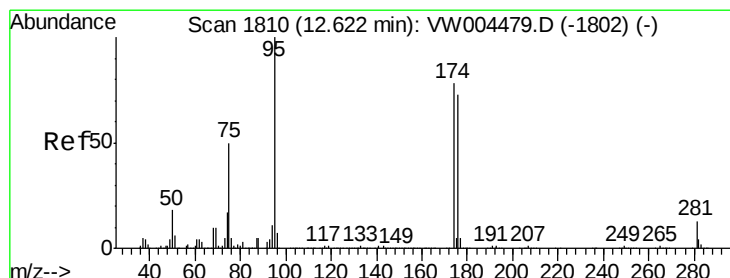
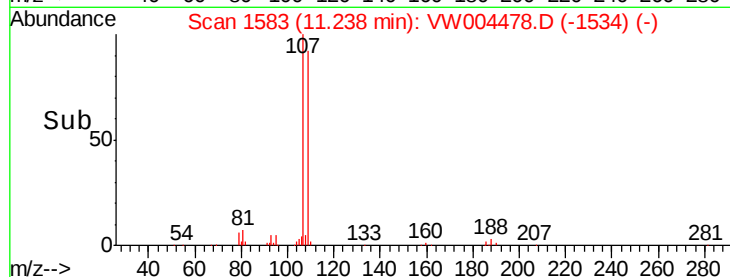
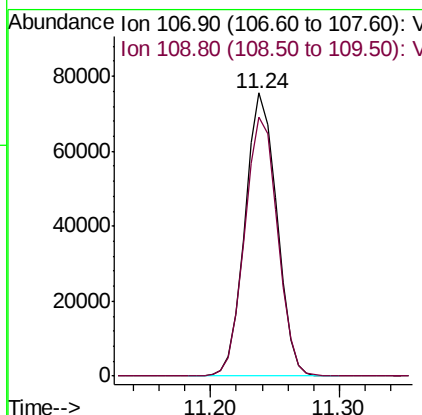
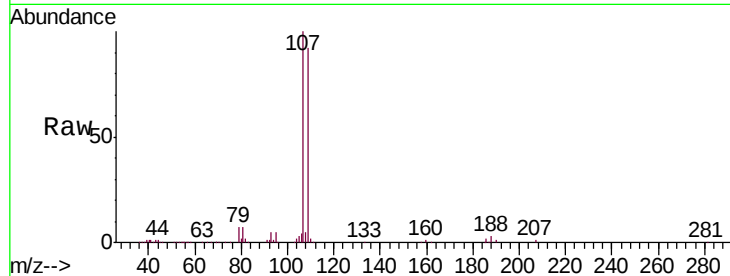




#61
 1,2-Dibromoethane
 Concen: 22.733 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

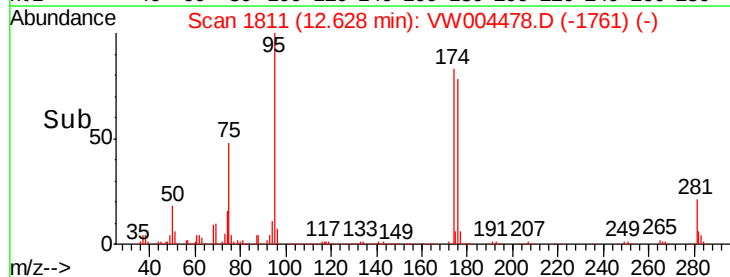
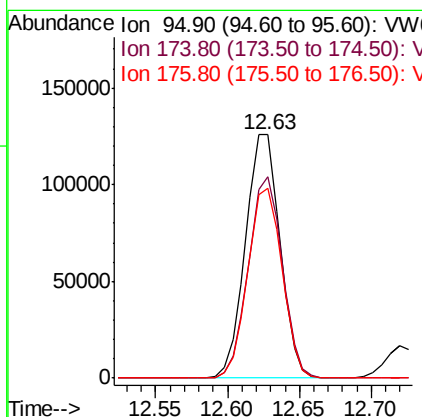
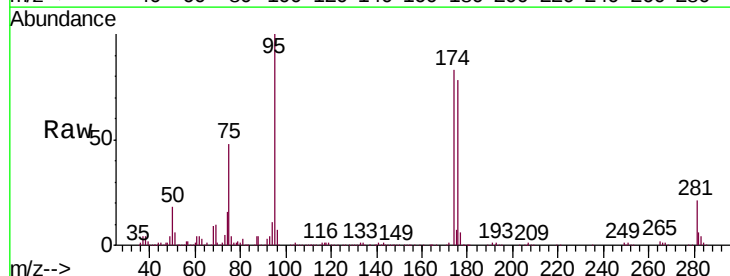
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

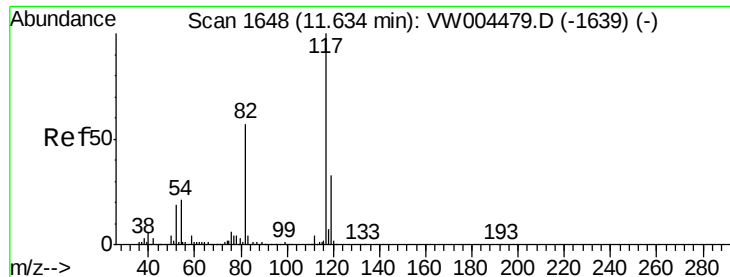
Tgt Ion: 107 Resp: 128546
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 20.400 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 95 Resp: 208325
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 160.4
 176 77.6 0.0 153.2

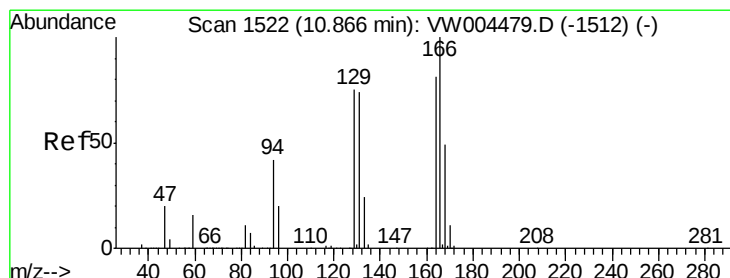
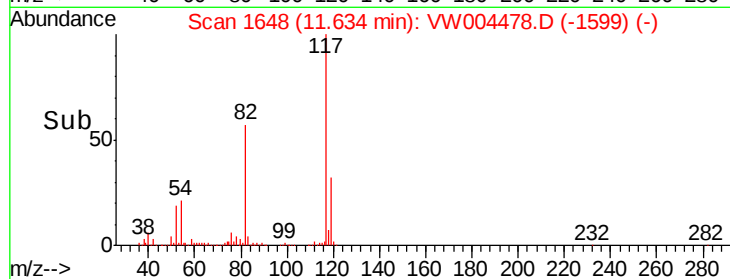
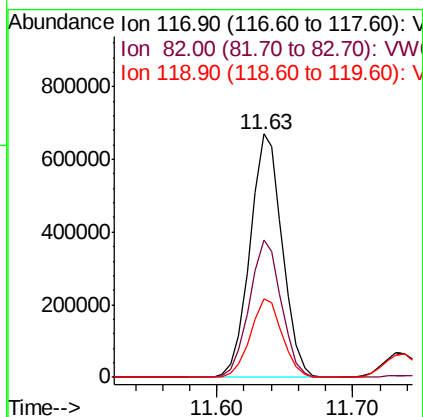
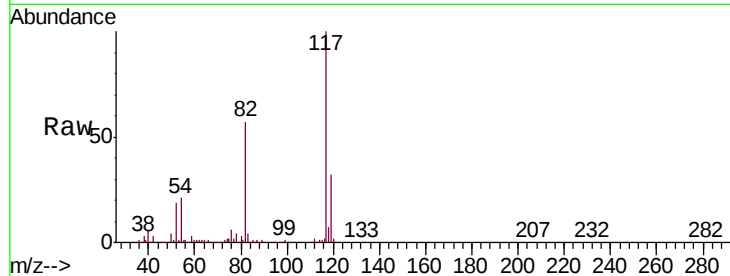




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

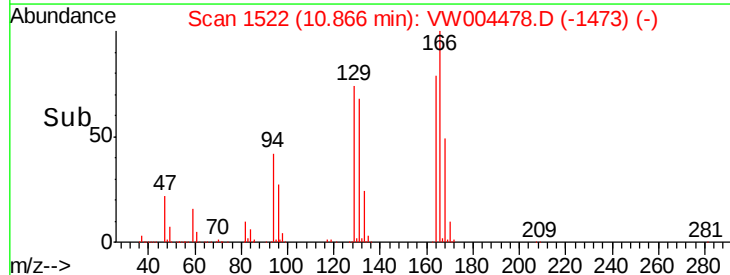
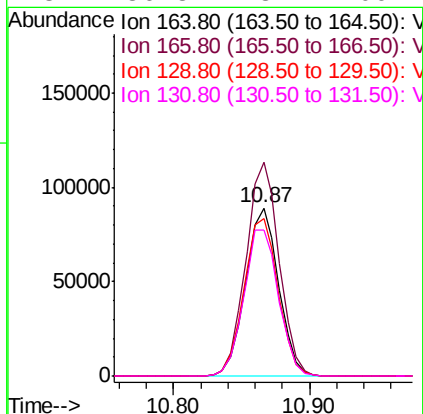
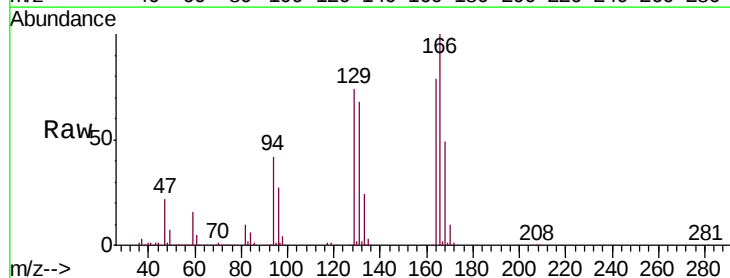
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

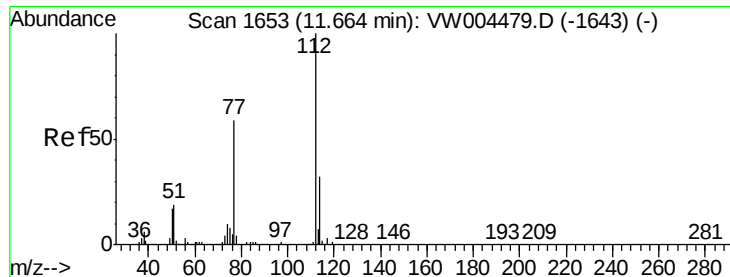
Tgt Ion:117 Resp: 1112434
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 18.732 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:164 Resp: 151621
Ion Ratio Lower Upper
164 100
166 126.9 98.4 147.6
129 93.3 73.6 110.4
131 86.8 73.1 109.7

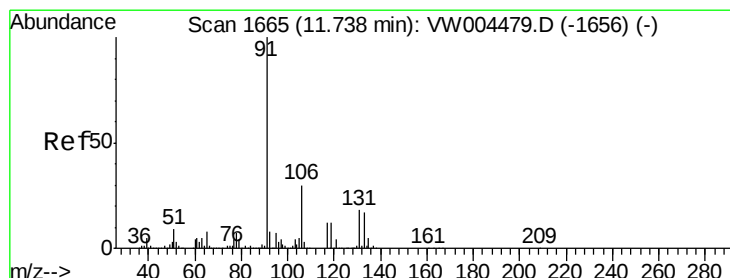
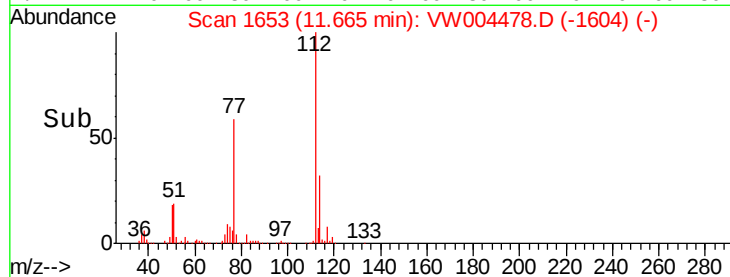
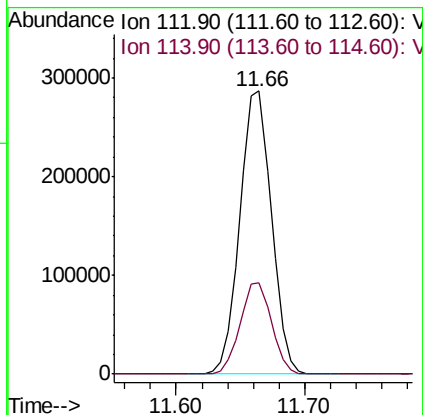
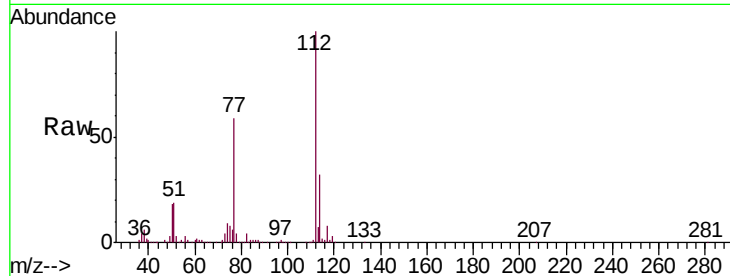




#65
Chlorobenzene
Concen: 20.730 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

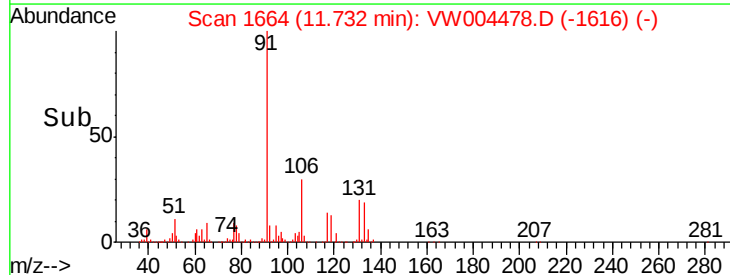
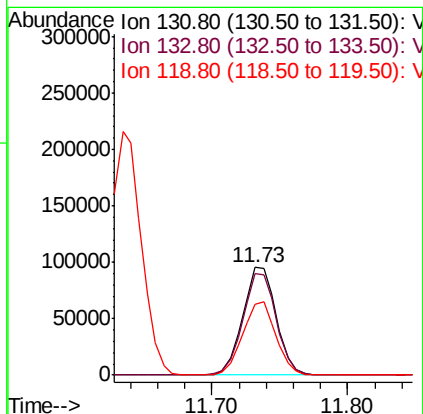
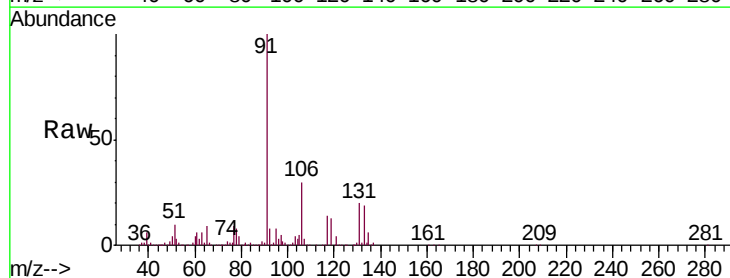
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

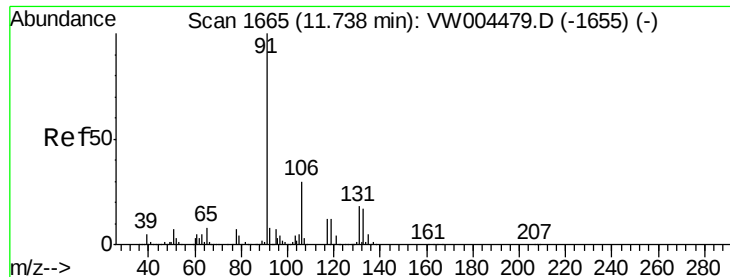
Tgt Ion:112 Resp: 485667
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.679 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:131 Resp: 162798
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 67.4 33.9 101.7

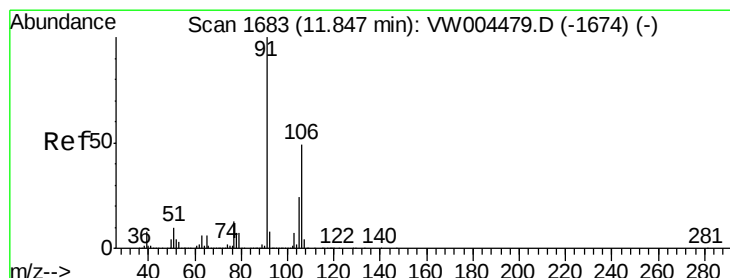
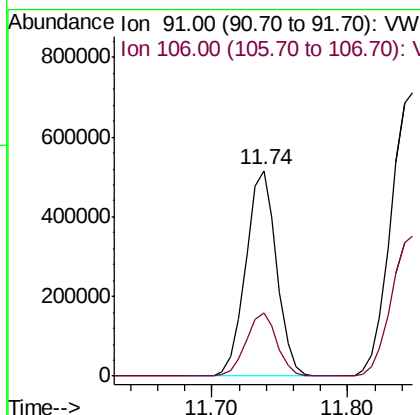
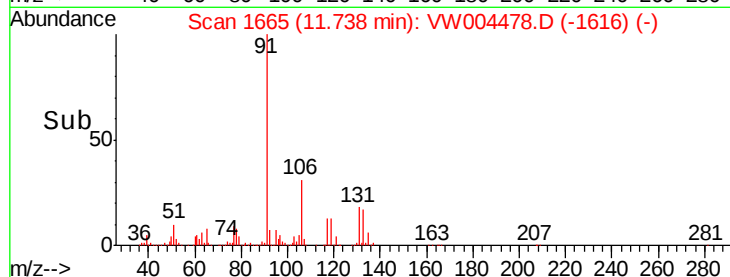
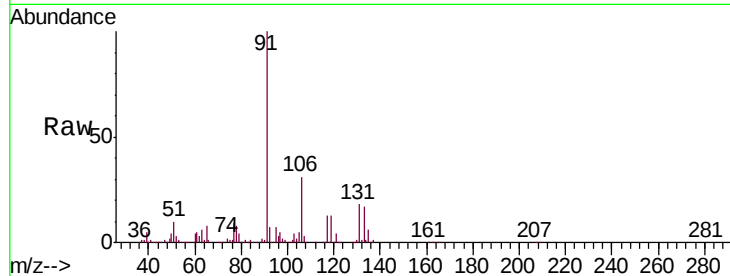




#67
Ethyl Benzene
Concen: 19.930 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

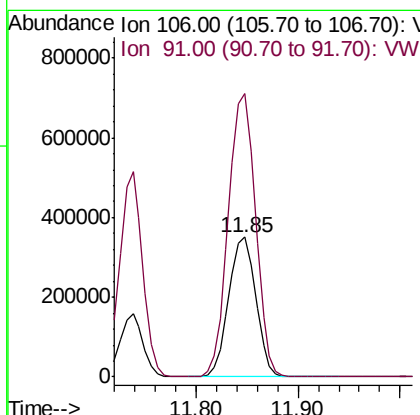
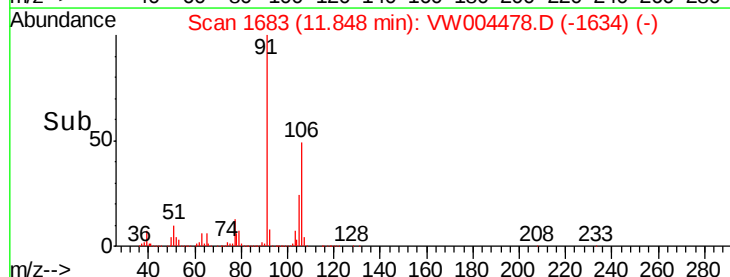
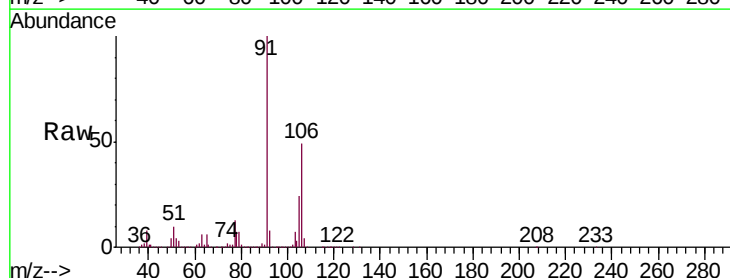
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

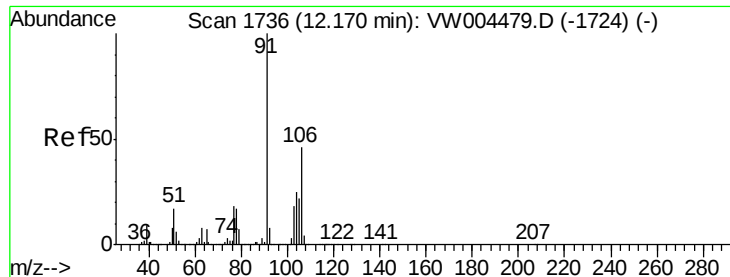
Tgt Ion: 91 Resp: 817243
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2



#68
m/p-Xylenes
Concen: 41.181 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 106 Resp: 647999
Ion Ratio Lower Upper
106 100
91 202.7 162.8 244.2

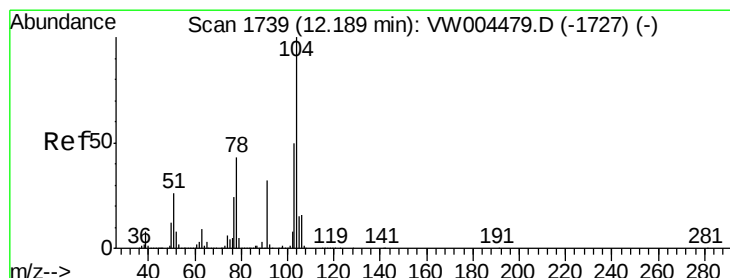
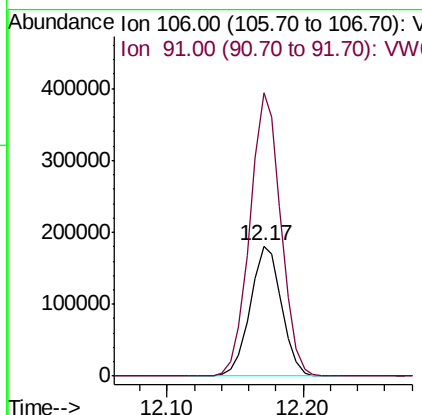
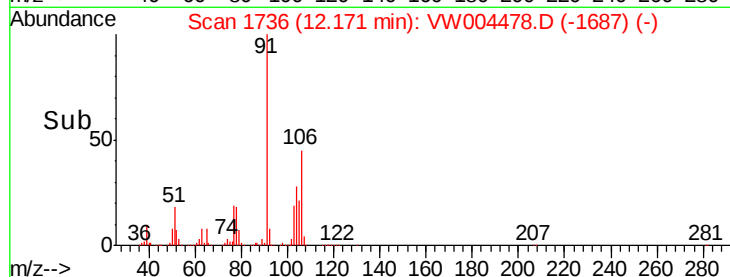
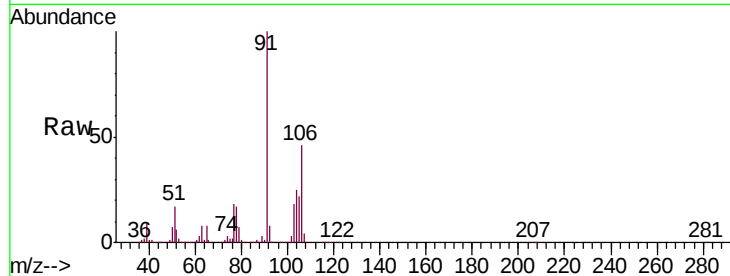




#69
o-Xylene
Concen: 20.070 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

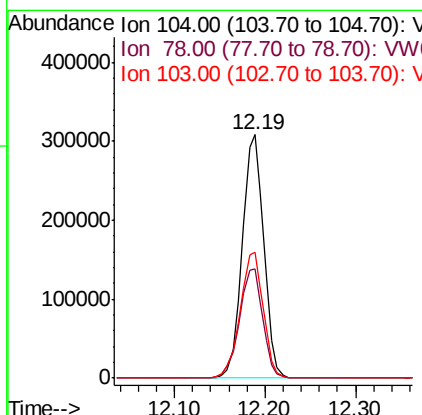
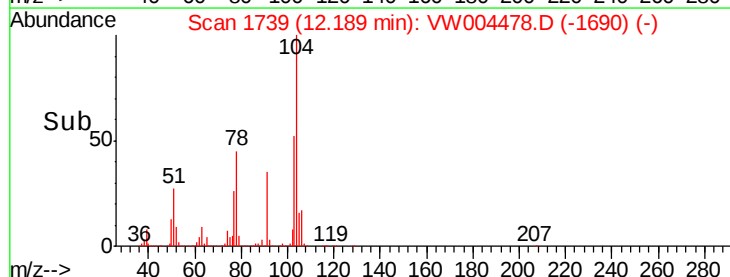
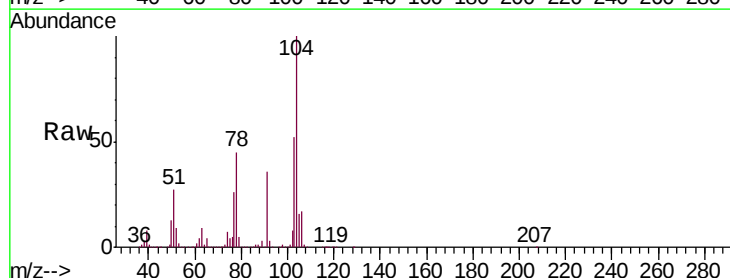
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

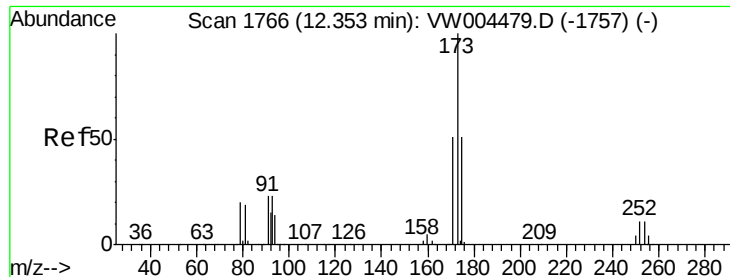
Tgt Ion:106 Resp: 292038
Ion Ratio Lower Upper
106 100
91 215.1 106.7 320.2



#70
Styrene
Concen: 20.415 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:104 Resp: 503807
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 55.7 44.2 66.2

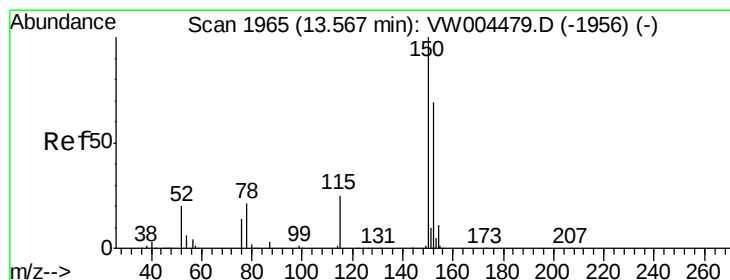
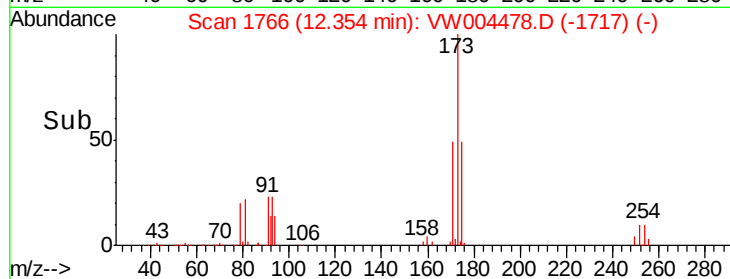
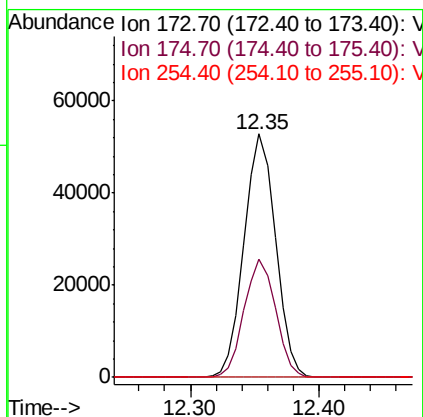
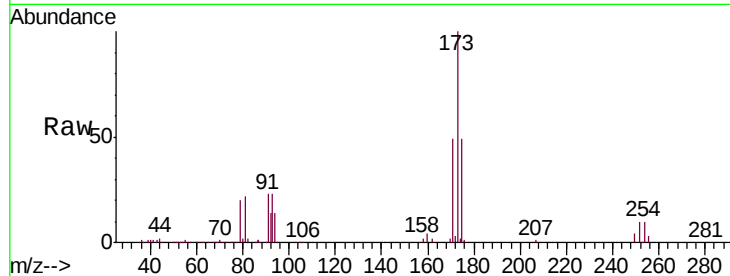




#71
Bromoform
Concen: 19.357 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

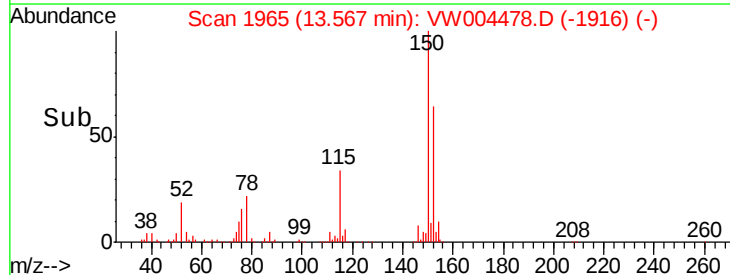
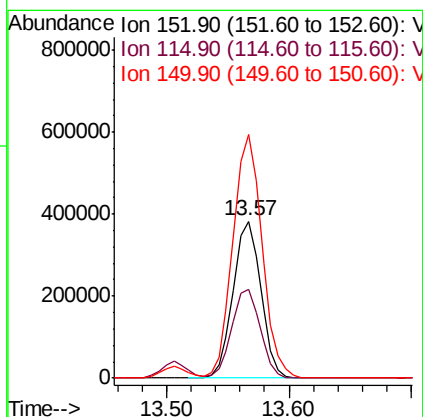
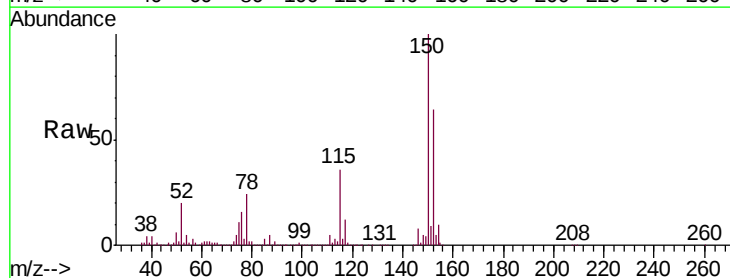
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

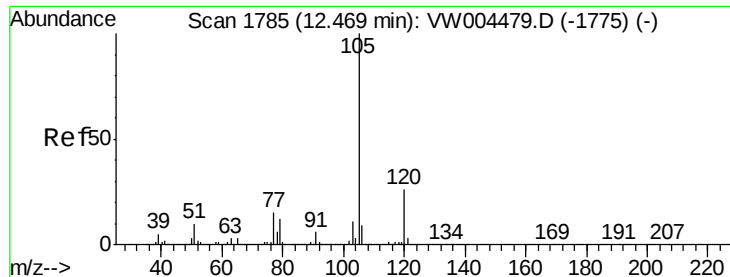
Tgt Ion:173 Resp: 89534
Ion Ratio Lower Upper
173 100
175 48.4 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:152 Resp: 598480
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 163.3 0.0 349.6





#73

Isopropylbenzene

Concen: 19.380 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

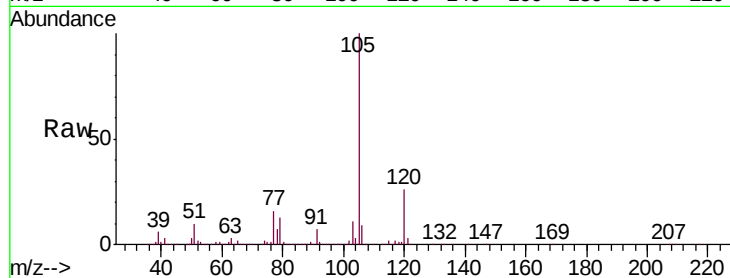
VSTDIC020

Tgt Ion:105 Resp: 809060

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

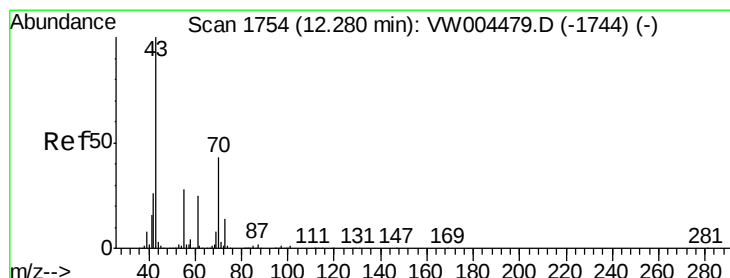
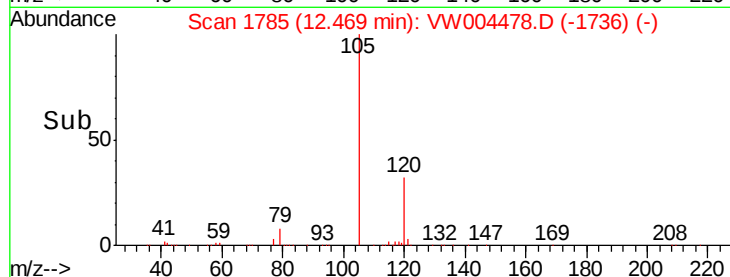
200000

100000

0

12.30 12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 21.190 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Tgt Ion: 43 Resp: 194326

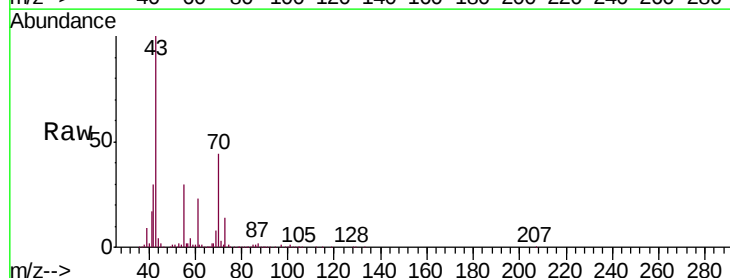
Ion Ratio Lower Upper

43 100

70 43.0 35.3 52.9

55 30.3 22.9 34.3

61 23.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

150000

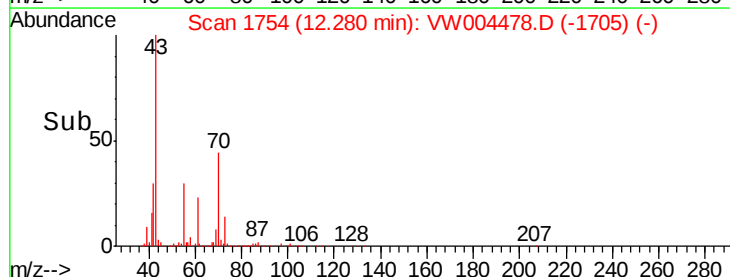
100000

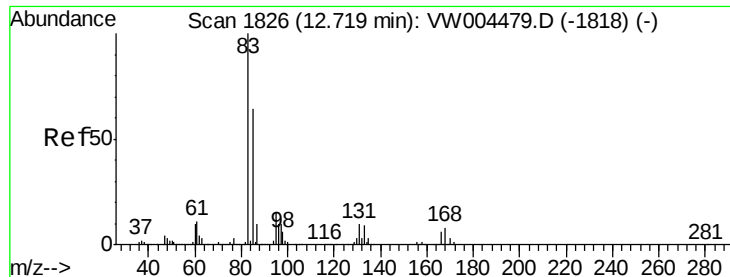
50000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.904 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

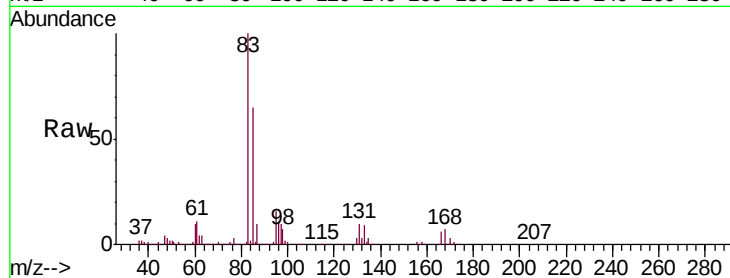
Tgt Ion: 83 Resp: 171378

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

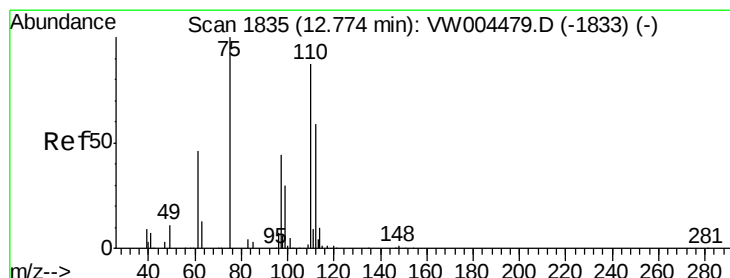
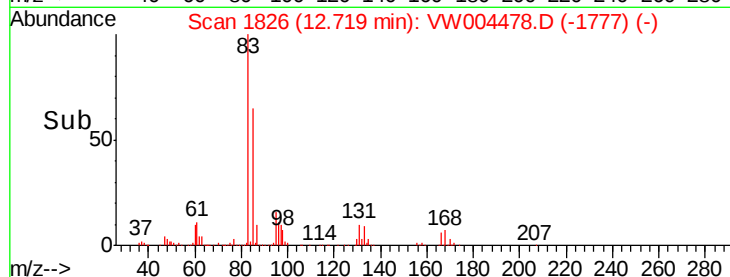
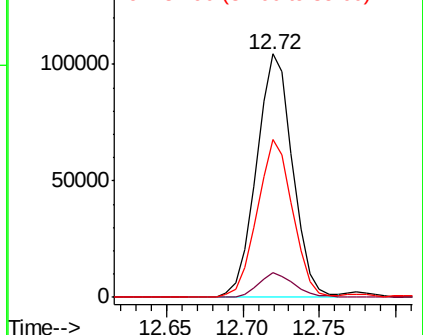
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 40.334 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004478.D

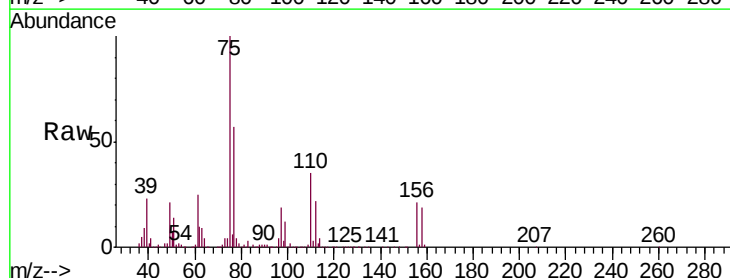
Acq: 06 Aug 2018 19:10

Tgt Ion: 75 Resp: 218144

Ion Ratio Lower Upper

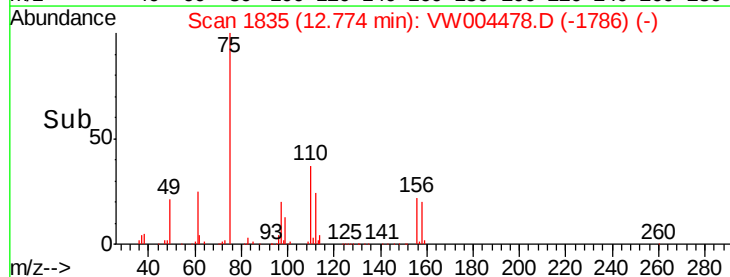
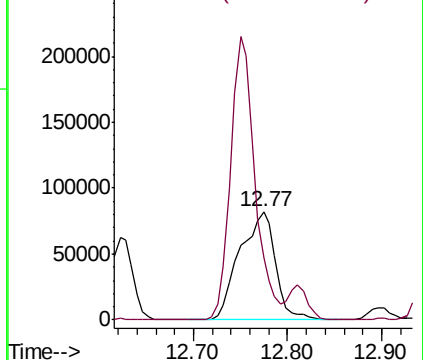
75 100

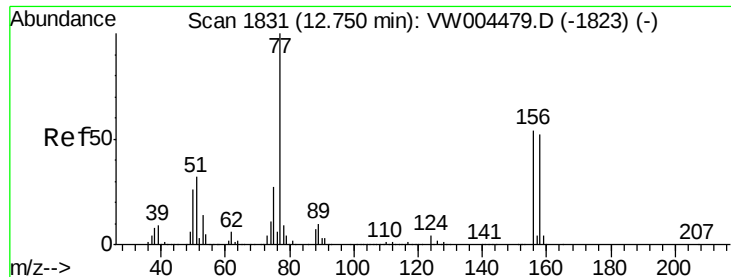
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

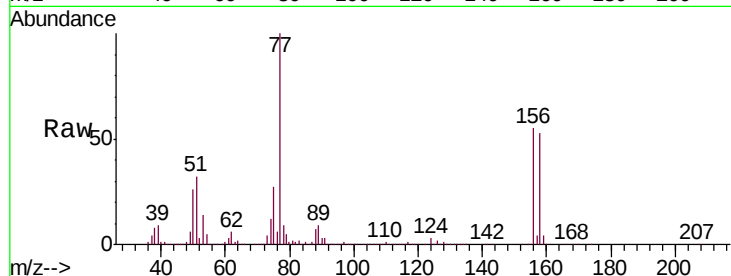




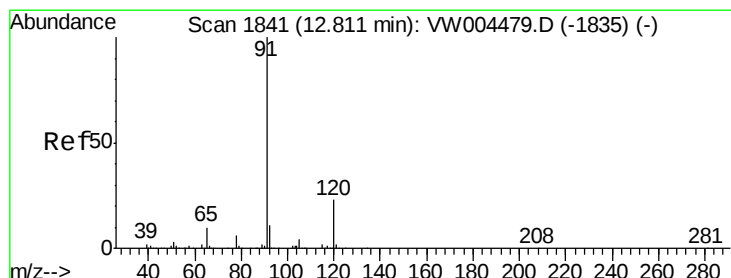
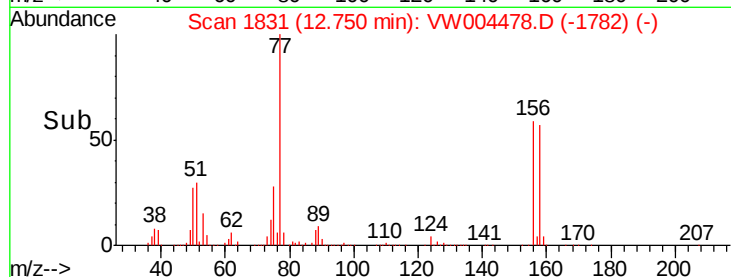
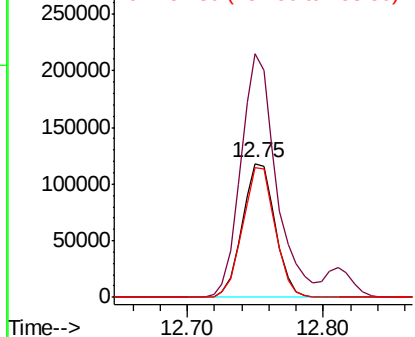
#77
Bromobenzene
Concen: 19.713 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 198008
Ion Ratio Lower Upper
156 100
77 195.4 98.7 296.1
158 96.1 48.7 146.1

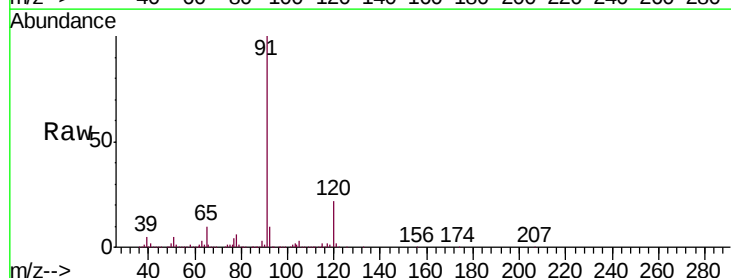


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

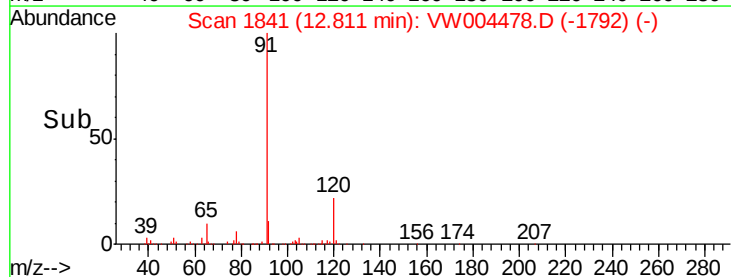
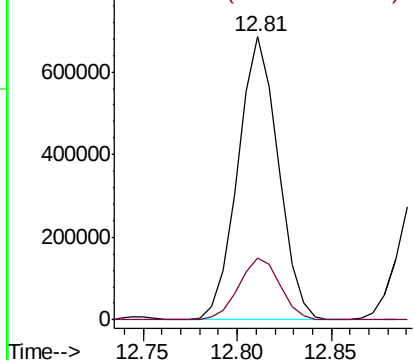


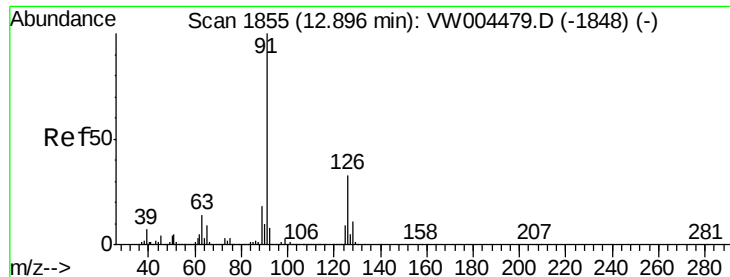
#78
n-propylbenzene
Concen: 20.022 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion: 91 Resp: 1016143
Ion Ratio Lower Upper
91 100
120 22.2 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: 20.082 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

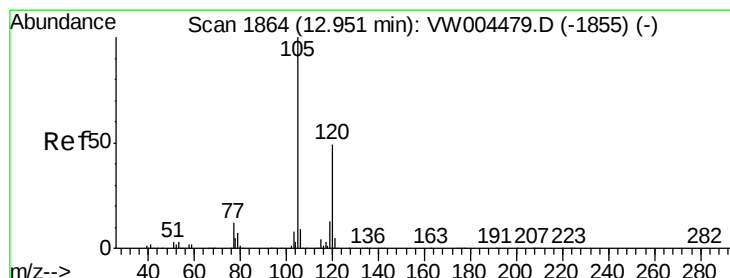
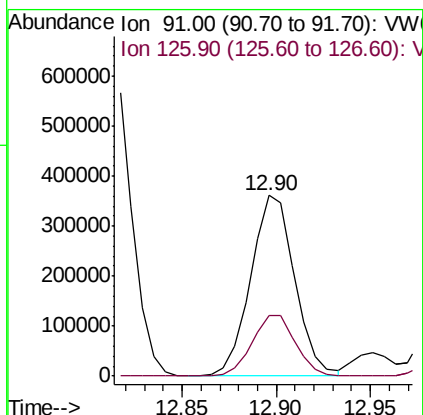
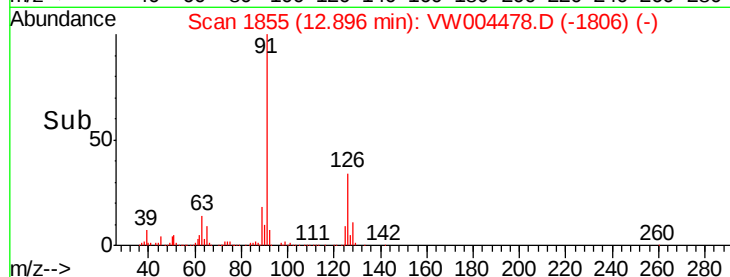
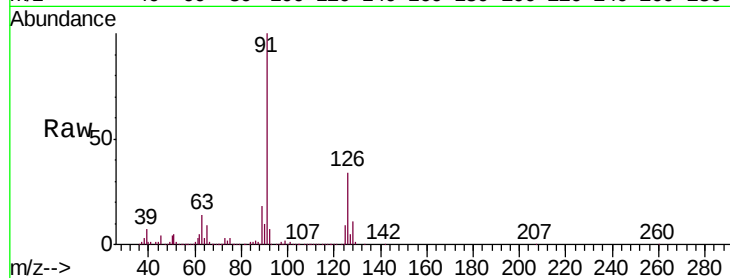
VSTDIC020

Tgt Ion: 91 Resp: 583975

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.757 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004478.D

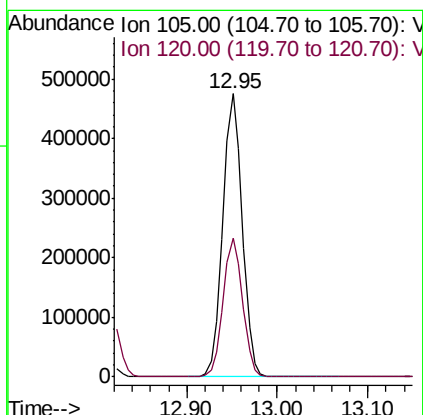
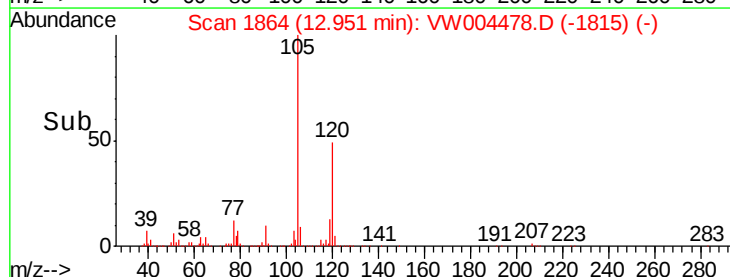
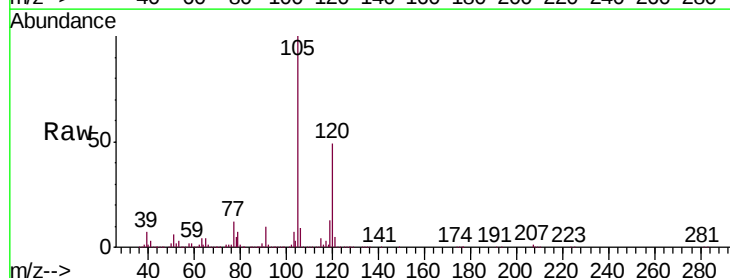
Acq: 06 Aug 2018 19:10

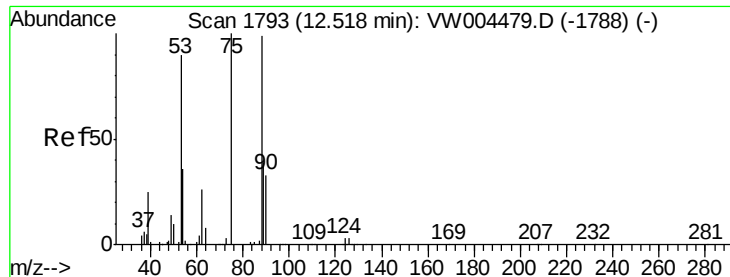
Tgt Ion: 105 Resp: 710139

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.612 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

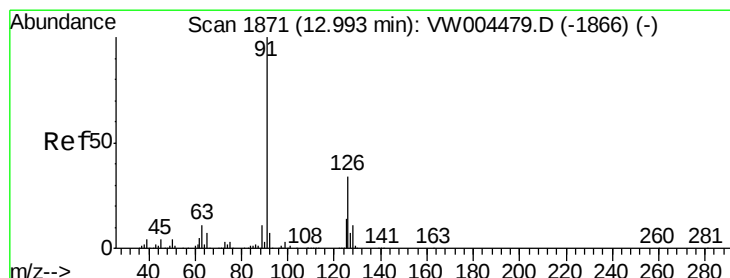
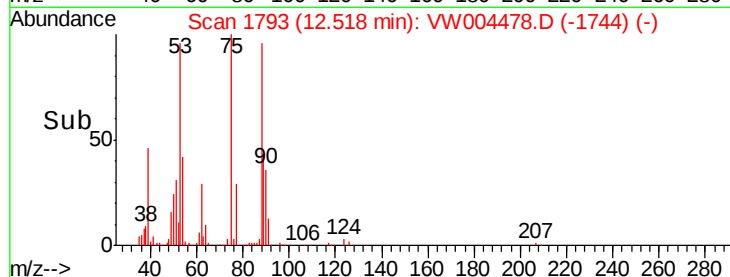
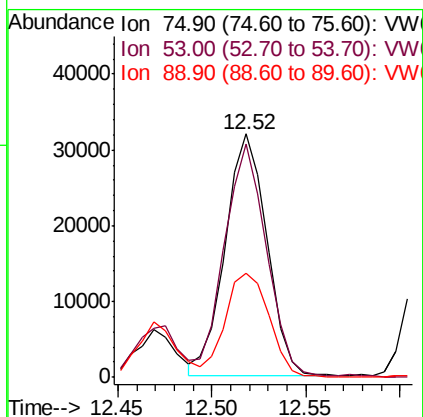
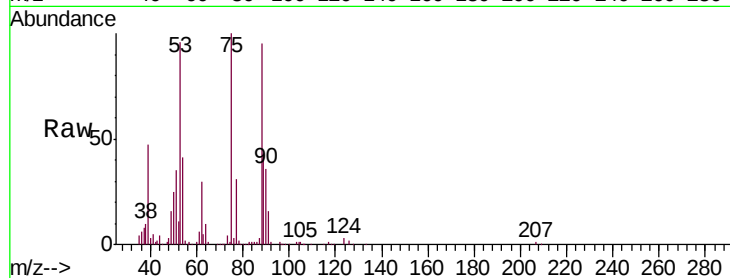
Tgt Ion: 75 Resp: 49155

Ion Ratio Lower Upper

75 100

53 96.3 74.4 111.6

89 45.4 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.482 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004478.D

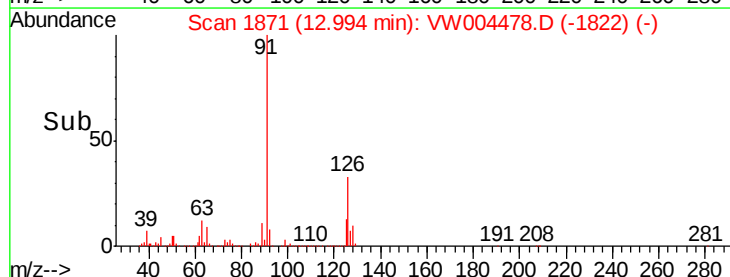
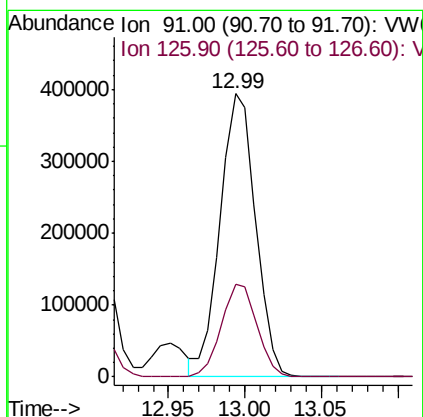
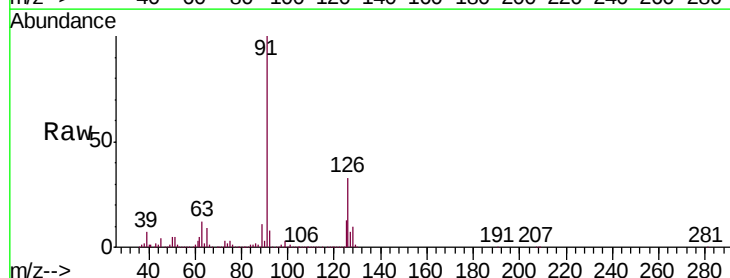
Acq: 06 Aug 2018 19:10

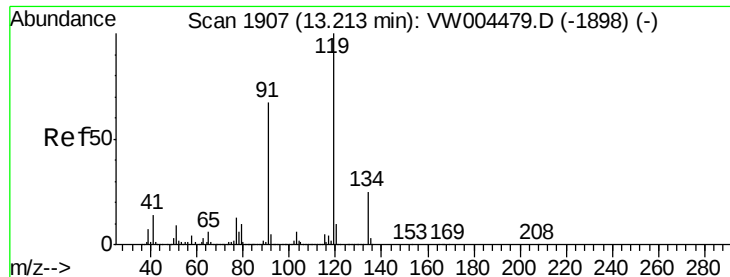
Tgt Ion: 91 Resp: 633737

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5

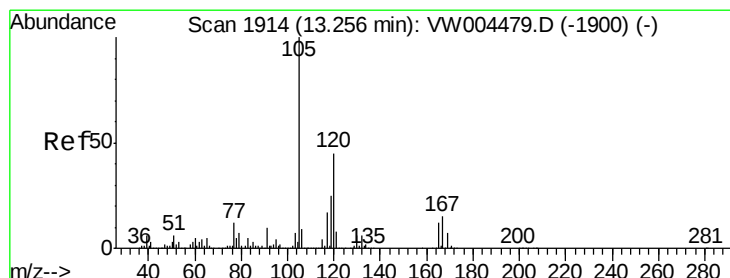
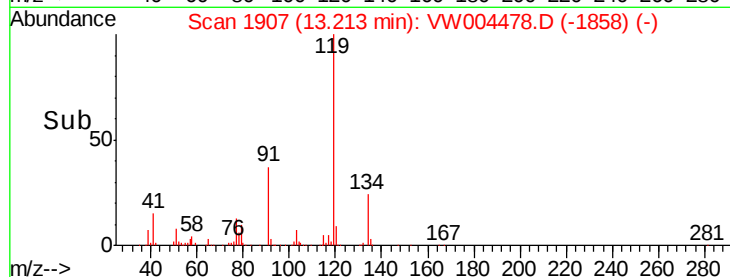
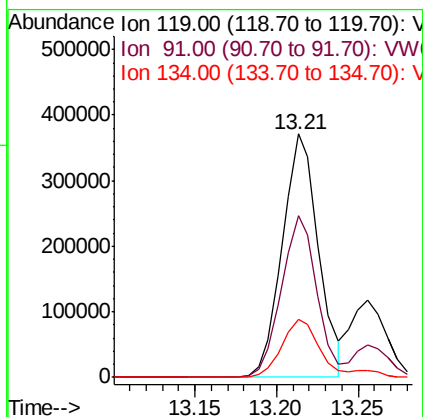
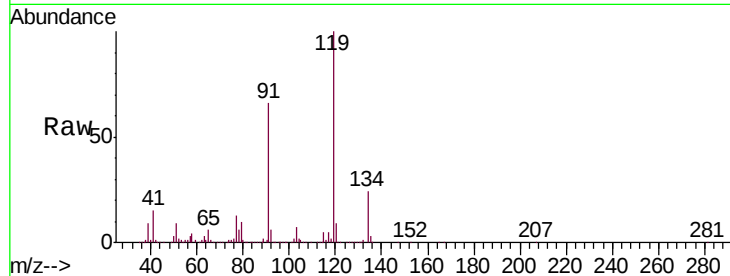




#83
tert-Butylbenzene
Concen: 19.181 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

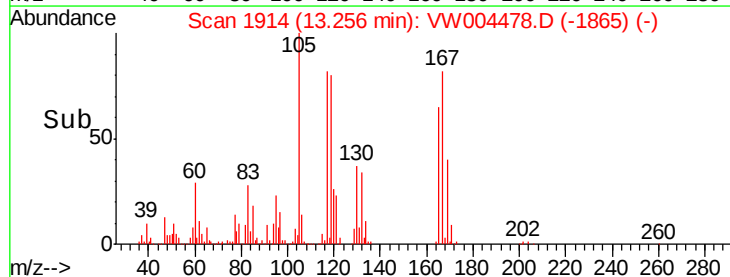
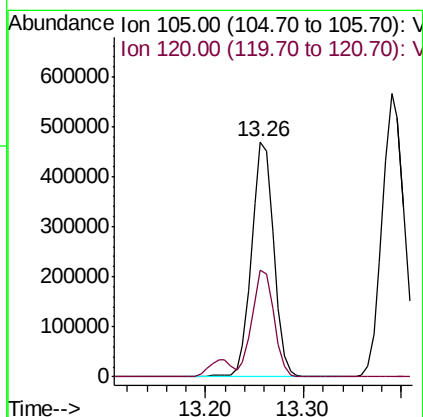
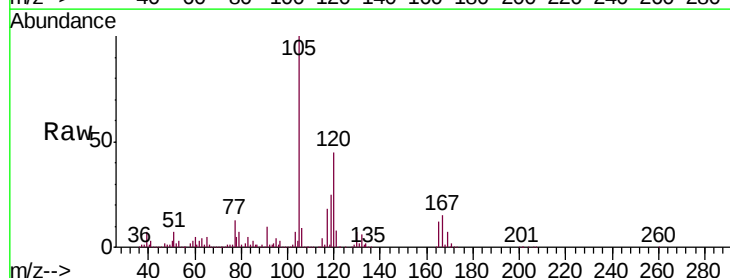
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

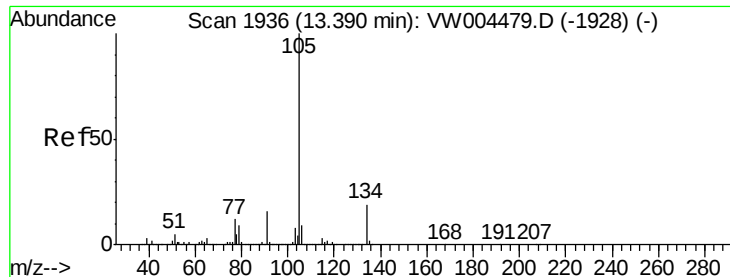
Tgt Ion:119 Resp: 573353
Ion Ratio Lower Upper
119 100
91 64.9 33.3 99.8
134 24.3 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 20.047 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:105 Resp: 736589
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8

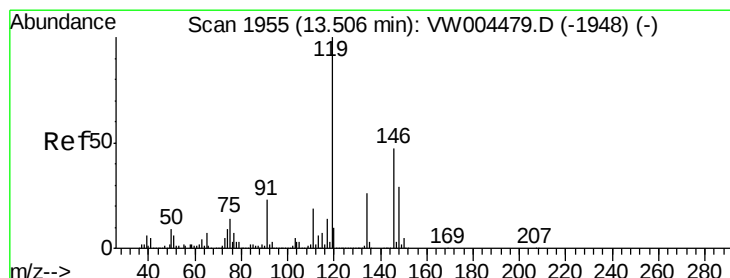
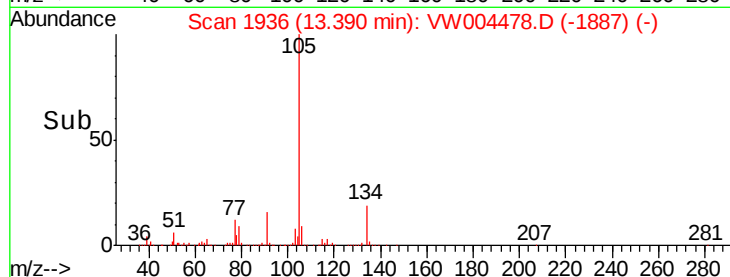
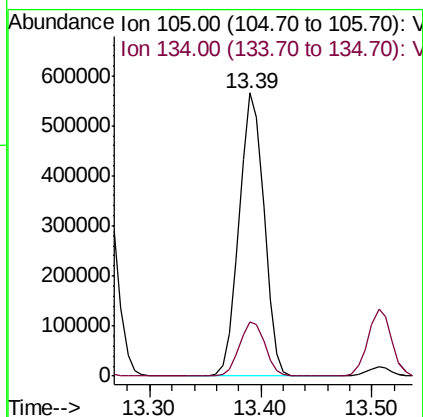
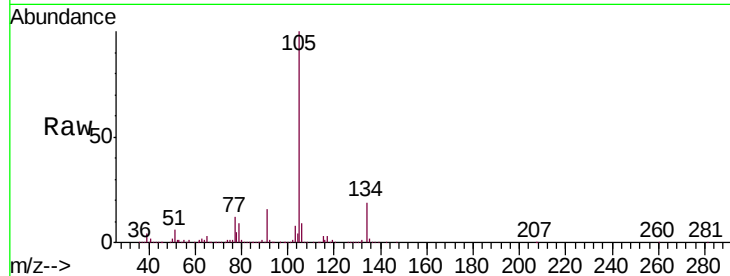




#85
 sec-Butylbenzene
 Concen: 20.091 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

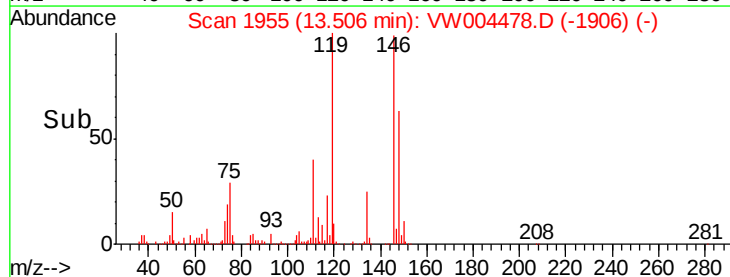
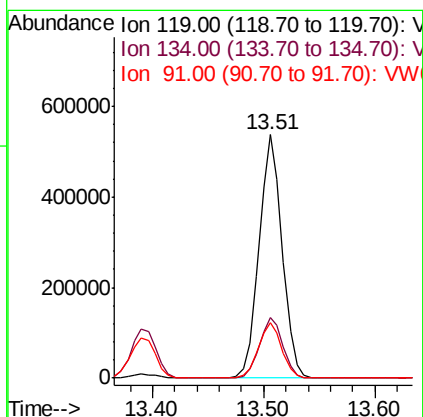
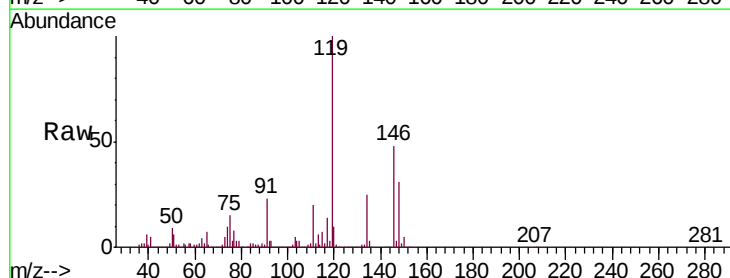
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

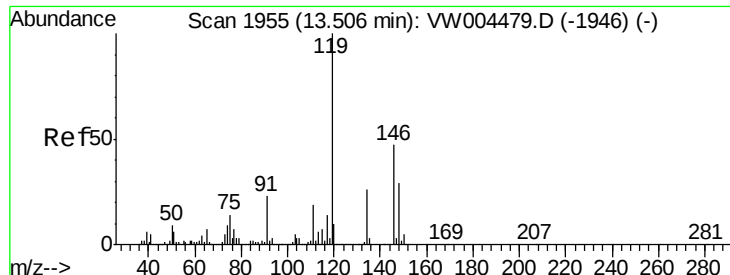
Tgt Ion:105 Resp: 878311
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.784 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion:119 Resp: 774425
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 23.0 11.4 34.1

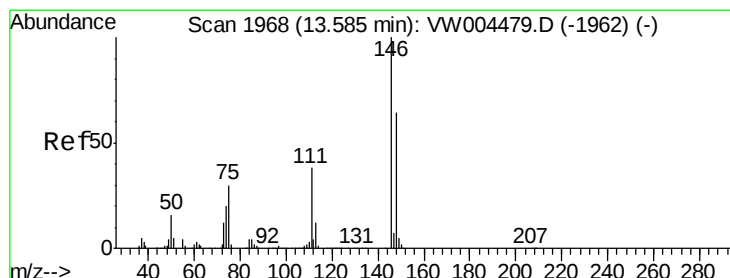
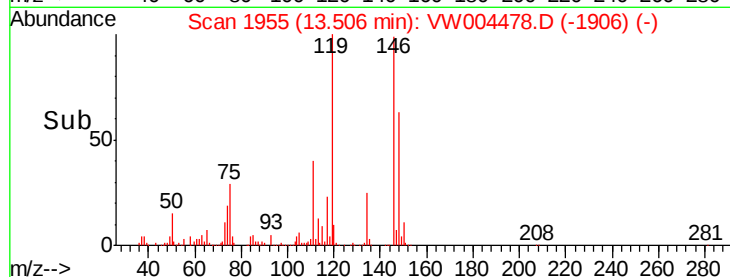
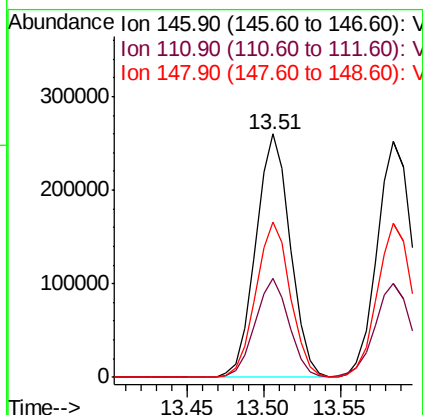
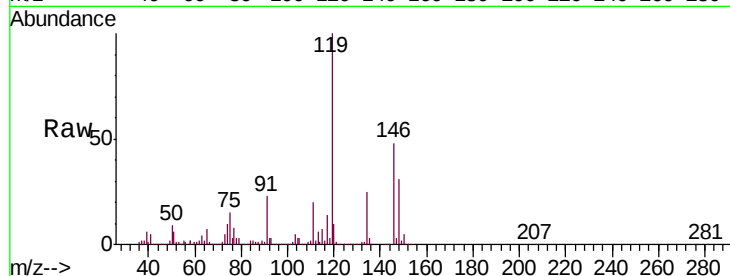




#87
 1,3-Dichlorobenzene
 Concen: 20.196 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

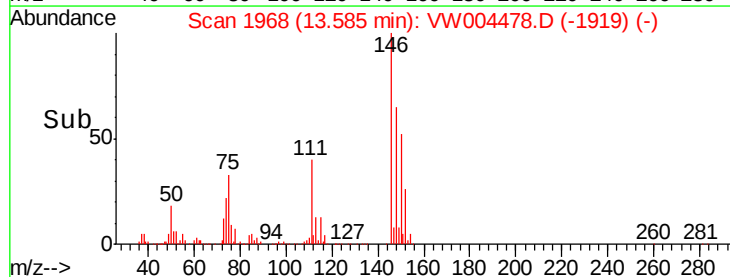
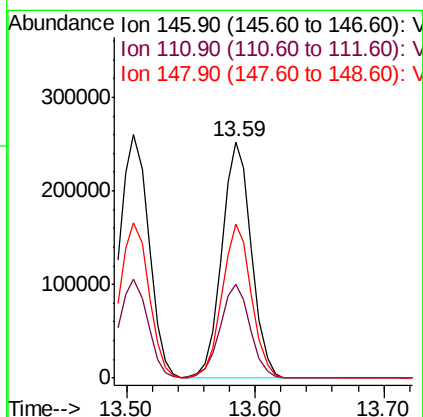
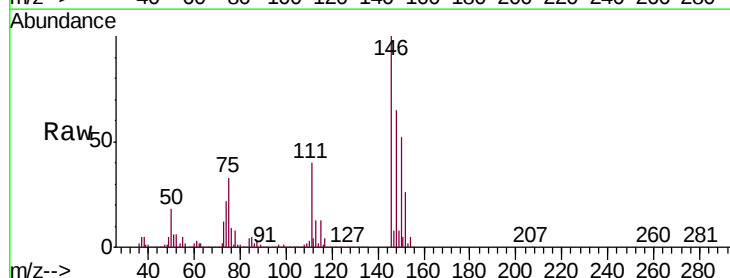
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

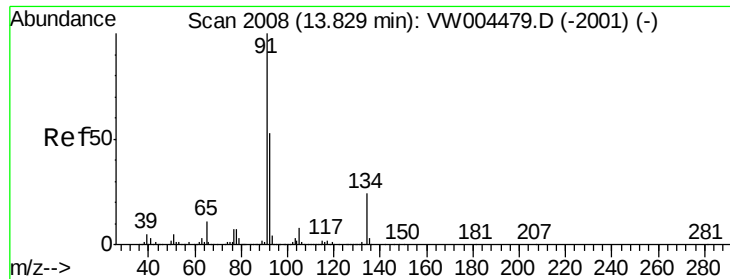
Tgt Ion:146 Resp: 408307
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.054 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion:146 Resp: 404321
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.8
 148 64.9 31.9 95.5





#89

n-Butylbenzene

Concen: 20.108 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004478.D

Acq: 06 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

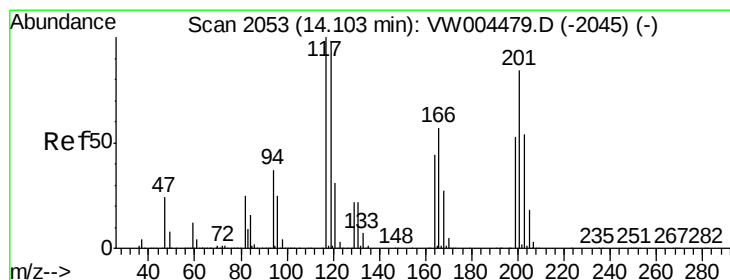
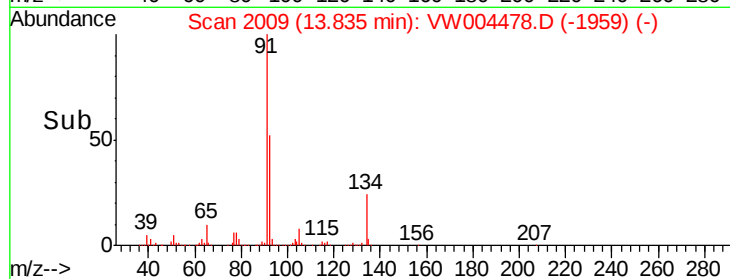
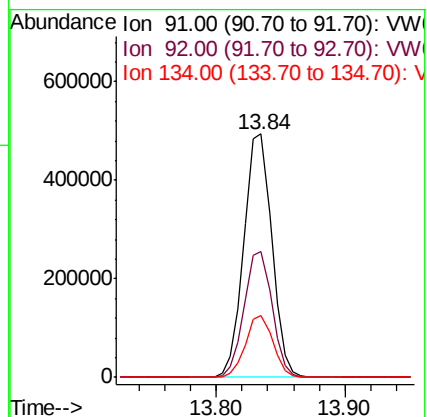
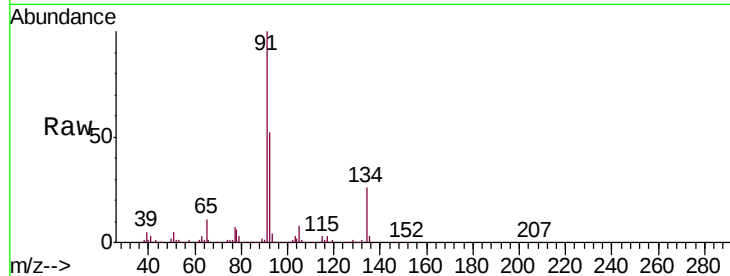
Tgt Ion: 91 Resp: 741923

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 24.8 12.4 37.2



#90

Hexachloroethane

Concen: 19.471 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004478.D

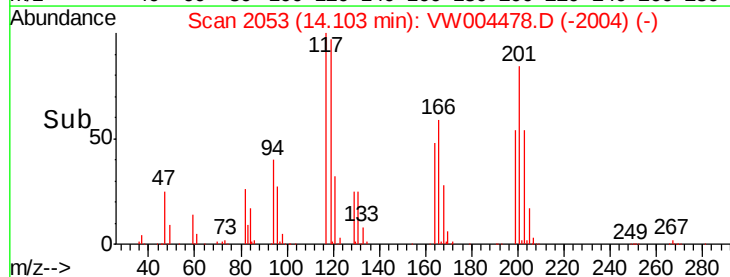
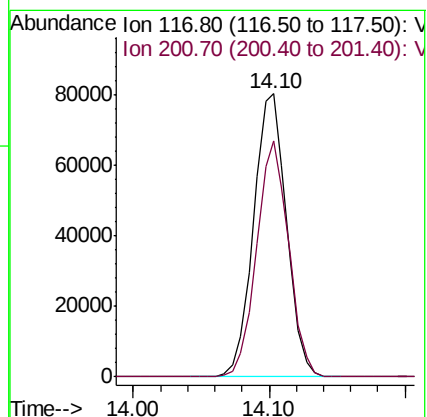
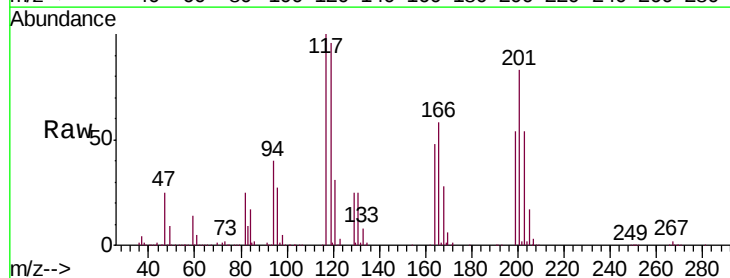
Acq: 06 Aug 2018 19:10

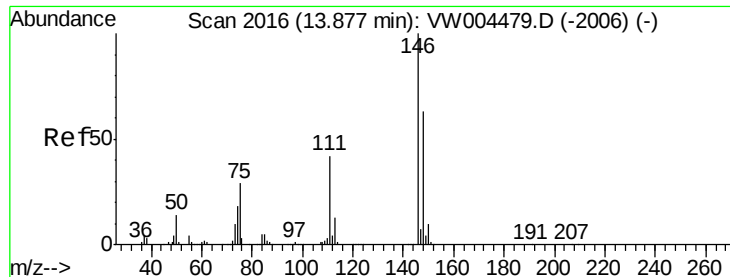
Tgt Ion: 117 Resp: 136265

Ion Ratio Lower Upper

117 100

201 81.1 40.1 120.3

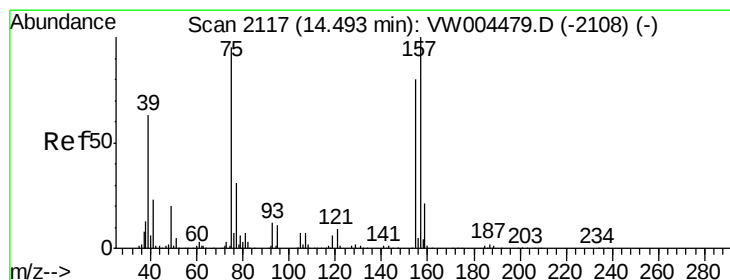
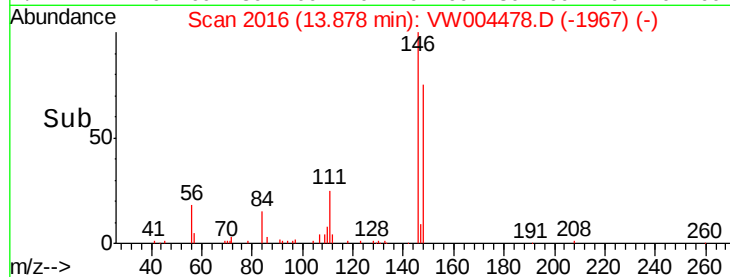
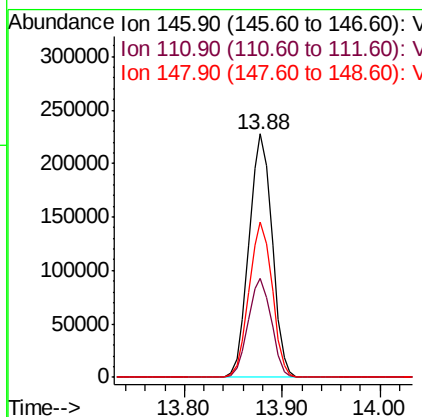
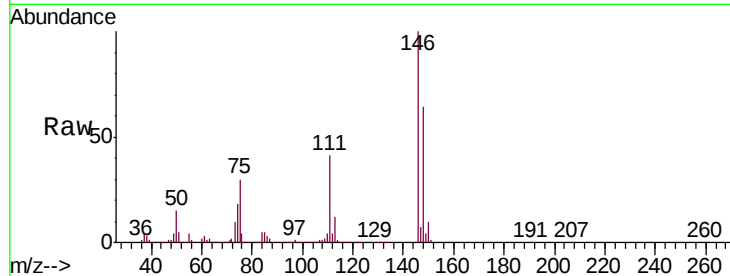




#91
 1,2-Dichlorobenzene
 Concen: 20.659 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

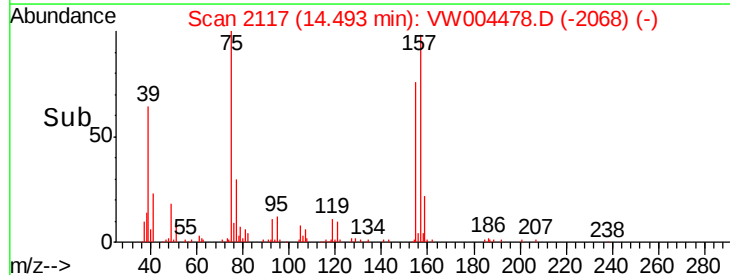
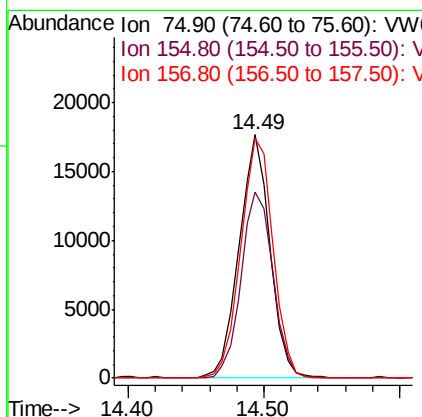
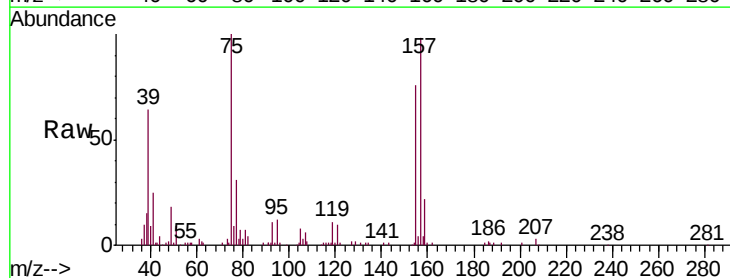
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

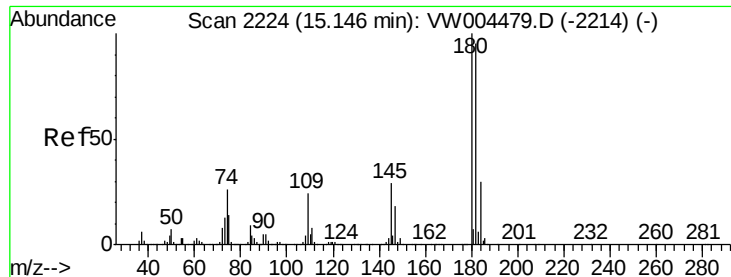
Tgt Ion: 146 Resp: 374502
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.2
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.499 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion: 75 Resp: 27850
 Ion Ratio Lower Upper
 75 100
 155 79.7 41.3 123.7
 157 103.3 52.6 157.8

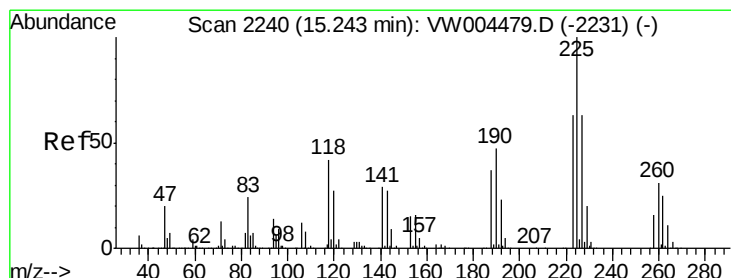
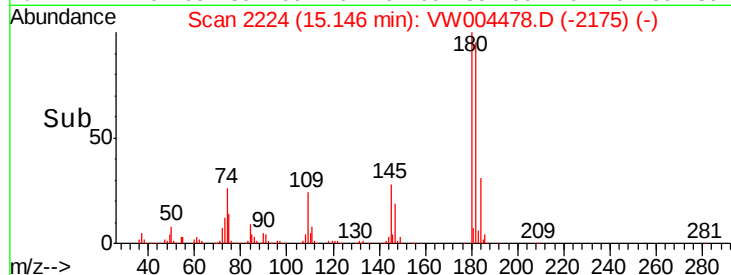
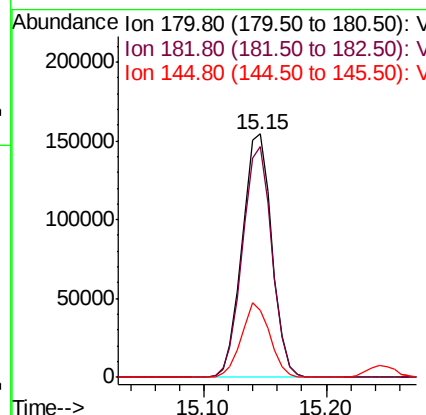
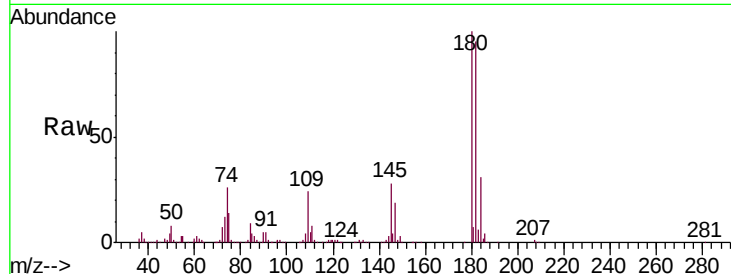




#93
 1,2,4-Trichlorobenzene
 Concen: 20.322 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

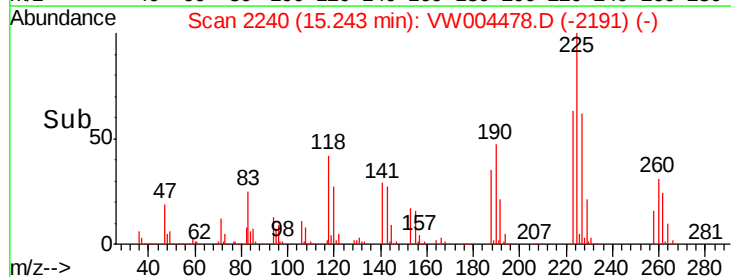
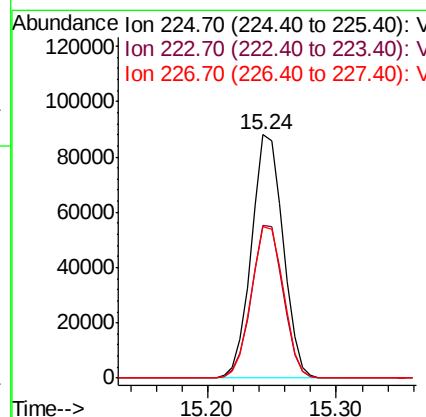
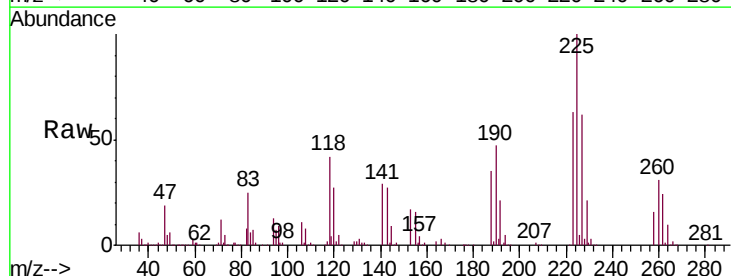
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

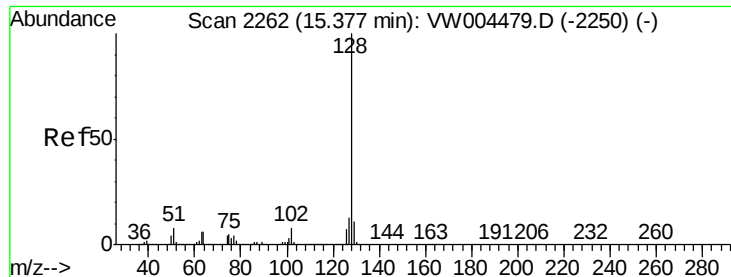
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	29.4	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 19.235 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004478.D
 Acq: 06 Aug 2018 19:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	63.7	31.8	95.4

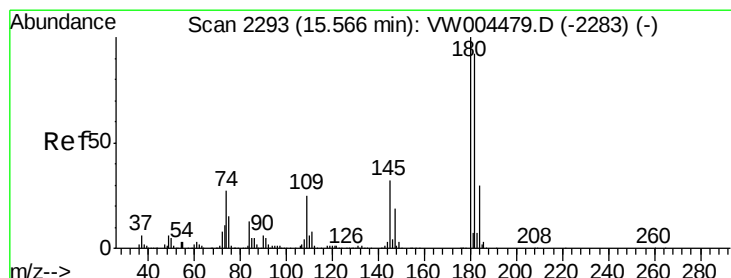
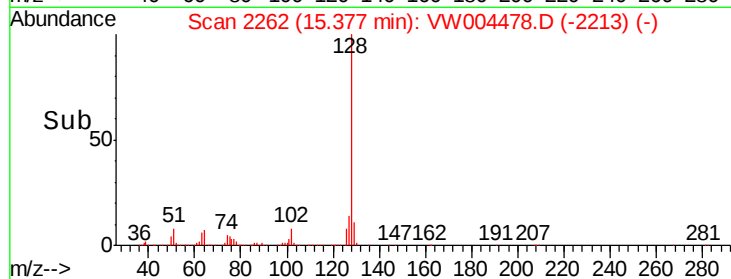
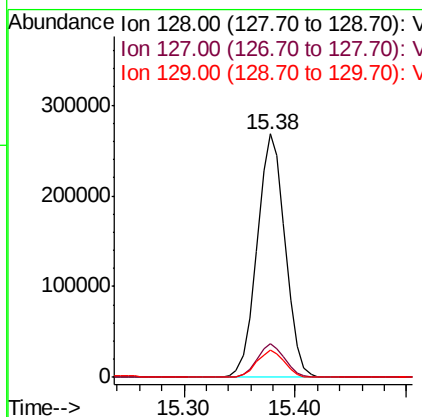
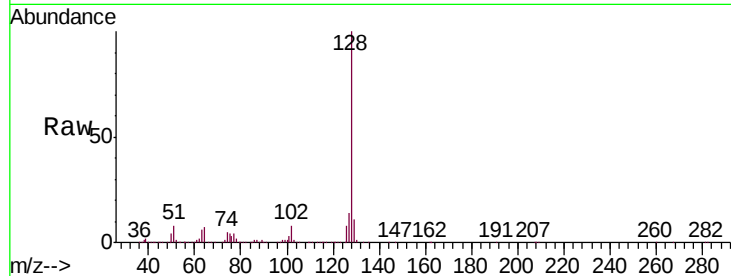




#95
Naphthalene
Concen: 21.067 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 469225
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.732 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004478.D
Acq: 06 Aug 2018 19:10

Tgt Ion:180 Resp: 232242
Ion Ratio Lower Upper
180 100
182 96.5 47.0 141.2
145 31.9 15.9 47.6

