

Data File : VW009235.D
Acq On : 19 Mar 2019 11:51
Operator : SY/VA
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Mar 20 07:02:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:57:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	420869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61175	18.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.50%	
35) Dibromofluoromethane	7.88	113	57035	19.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.88%	
50) Toluene-d8	10.32	98	206893	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	12.62	95	75151	19.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43712	20.307	ug/l	96
3) Chloromethane	2.21	50	44926	20.200	ug/l	98
4) Vinyl Chloride	2.37	62	68052	20.847	ug/l	98
5) Bromomethane	2.78	94	56705	21.301	ug/l	96
6) Chloroethane	2.92	64	53025	20.937	ug/l	100
7) Trichlorofluoromethane	3.25	101	42839	20.033	ug/l	99
8) Diethyl Ether	3.67	74	30475	19.761	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	60793	19.625	ug/l	96
10) Methyl Iodide	4.27	142	90817	20.338	ug/l	98
11) Tert butyl alcohol	5.17	59	17550	92.676	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	59533	20.331	ug/l	98
13) Acrolein	3.89	56	13840	89.493	ug/l	97
14) Allyl chloride	4.66	41	83196	19.273	ug/l	96
15) Acrylonitrile	5.36	53	60797	93.804	ug/l	99
16) Acetone	4.12	43	61222	91.436	ug/l	92
17) Carbon Disulfide	4.38	76	170382	20.872	ug/l #	95
18) Methyl Acetate	4.66	43	29967	17.439	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	70779	19.695	ug/l	98
20) Methylene Chloride	4.92	84	61229	19.585	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	61643	20.462	ug/l	96
22) Diisopropyl ether	6.31	45	182075	19.565	ug/l	99
23) Vinyl Acetate	6.25	43	572062	97.971	ug/l	99
24) 1,1-Dichloroethane	6.21	63	114054	19.858	ug/l	97
25) 2-Butanone	7.17	43	89459	93.244	ug/l	99
26) 2,2-Dichloropropane	7.16	77	64687	20.157	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	65729	20.139	ug/l	99
28) Bromochloromethane	7.51	49	50795	20.163	ug/l #	100
29) Tetrahydrofuran	7.53	42	58000	95.110	ug/l	100
30) Chloroform	7.67	83	119702	20.031	ug/l	99
31) Cyclohexane	7.95	56	105710	19.742	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	95037	19.924	ug/l	100
36) 1,1-Dichloropropene	8.08	75	93647	20.345	ug/l	99
37) Ethyl Acetate	7.26	43	40360	19.215	ug/l	98
38) Carbon Tetrachloride	8.06	117	97644	20.045	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	105554	19.821	ug/l	97
40) Benzene	8.32	78	252633	20.240	ug/l	98
41) Methacrylonitrile	7.48	41	20083	17.740	ug/l	96
42) 1,2-Dichloroethane	8.40	62	80619	19.758	ug/l	100
43) Isopropyl Acetate	8.42	43	79616	18.930	ug/l	99
44) Trichloroethene	9.09	130	67560	19.758	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62350	19.650	ug/l	97
46) Dibromomethane	9.46	93	34929	20.018	ug/l	98
47) Bromodichloromethane	9.64	83	87182	19.772	ug/l	97
48) Methyl methacrylate	9.43	41	36222	18.602	ug/l	94
49) 1,4-Dioxane	9.45	88	11062	408.731	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	206513	94.216	ug/l	99
52) Toluene	10.38	92	160348	20.274	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	80691	18.766	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	93524	19.334	ug/l	97
55) 1,1,2-Trichloroethane	10.78	97	46849	19.828	ug/l	97
56) Ethyl methacrylate	10.65	69	52272	18.580	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78606	19.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	136623	165.966	ug/l	100
59) 2-Hexanone	10.97	43	138881	93.328	ug/l	99
60) Dibromochloromethane	11.13	129	56062	19.205	ug/l	97
61) 1,2-Dibromoethane	11.23	107	43814	19.470	ug/l	99
64) Tetrachloroethene	10.86	164	58551	20.314	ug/l	97
65) Chlorobenzene	11.66	112	172947	19.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	64899	19.962	ug/l	99
67) Ethyl Benzene	11.73	91	298381	19.792	ug/l	100
68) m/p-Xylenes	11.84	106	233892	40.026	ug/l	99
69) o-Xylene	12.17	106	110422	20.349	ug/l	94
70) Styrene	12.18	104	177919	19.886	ug/l	99
71) Bromoform	12.35	173	33801	19.034	ug/l #	96
73) Isopropylbenzene	12.46	105	304345	19.886	ug/l	99
74) N-amyl acetate	12.27	43	73210	18.339	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	54152	18.916	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	72354	31.253	ug/l #	100
77) Bromobenzene	12.75	156	71482	19.719	ug/l	98
78) n-propylbenzene	12.80	91	371545	19.767	ug/l	99
79) 2-Chlorotoluene	12.90	91	211172	19.777	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	261654	20.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15216	17.352	ug/l	91
82) 4-Chlorotoluene	12.99	91	221619	19.702	ug/l	98
83) tert-Butylbenzene	13.21	119	220155	19.794	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	267652	20.060	ug/l	99
85) sec-Butylbenzene	13.38	105	323811	19.702	ug/l	99
86) p-Isopropyltoluene	13.50	119	289690	19.794	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	148480	19.793	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	149576	20.025	ug/l	99
89) n-Butylbenzene	13.83	91	279091	19.866	ug/l	100
90) Hexachloroethane	14.10	117	57798	20.030	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	136700	20.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9847	19.210	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031919\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90371	20.004	ug/l	100
94) Hexachlorobutadiene	15.24	225	57901	20.151	ug/l	98
95) Naphthalene	15.37	128	148558	18.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	79264	19.656	ug/l	99

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

Data File : VW009235.D

Acq On : 19 Mar 2019 11:51

Operator : SY/VA

Sample : VSTDICC020

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

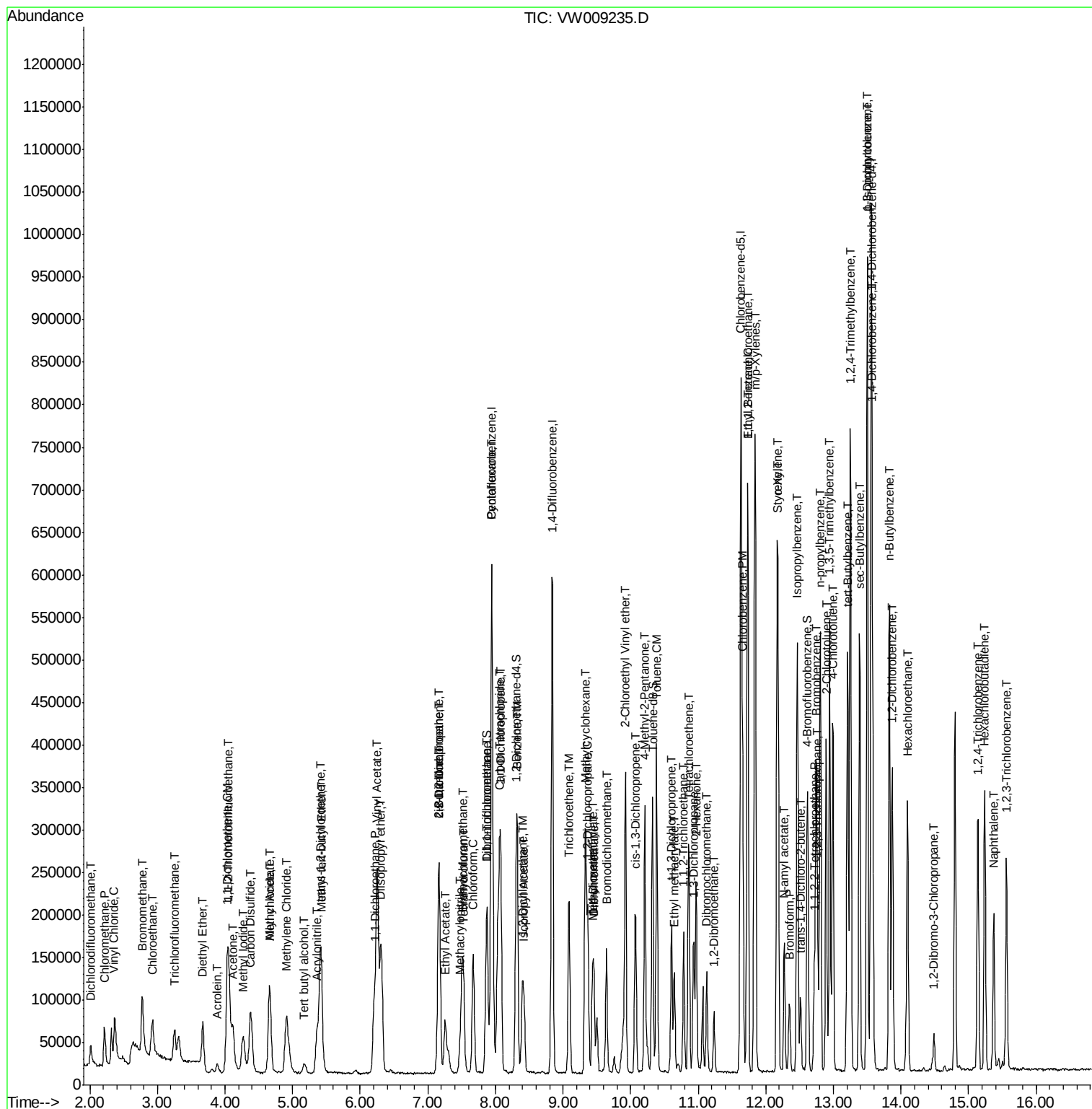
Quant Time: Mar 20 07:02:05 2019

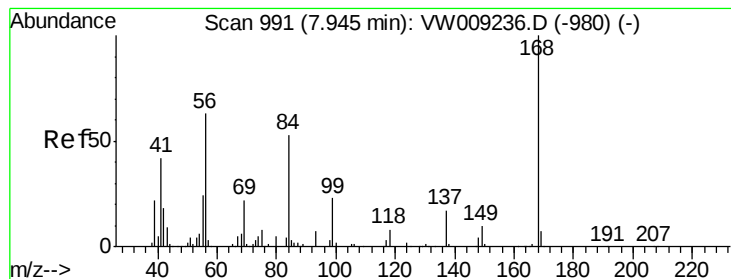
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W031919S.M

Quant Title : SW846 8260

QLast Update : Wed Mar 20 06:57:43 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

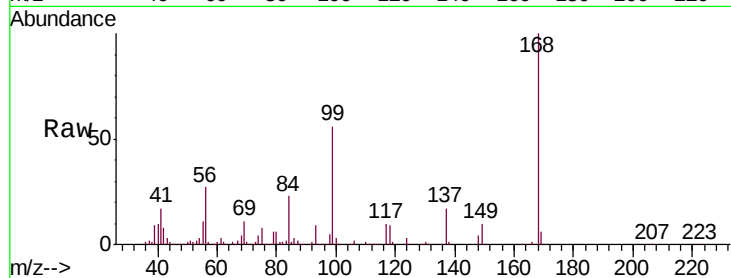
VSTDIC020

Tgt Ion:168 Resp: 306815

Ion Ratio Lower Upper

168 100

99 56.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

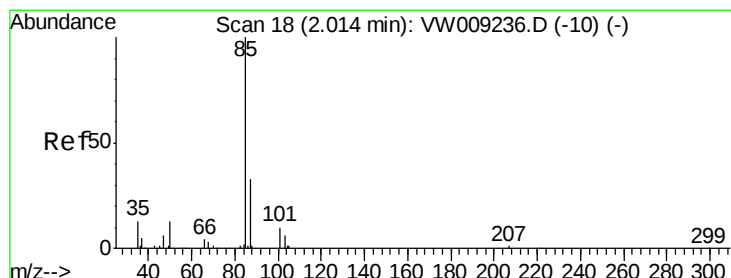
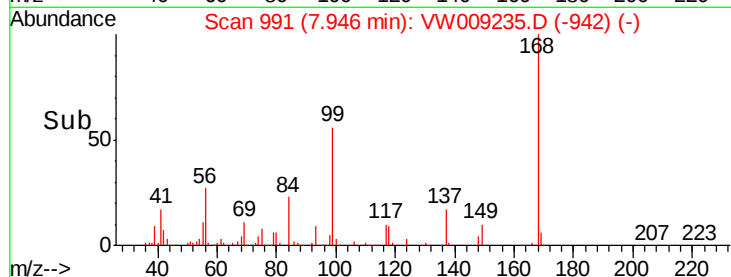
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50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.307 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009235.D

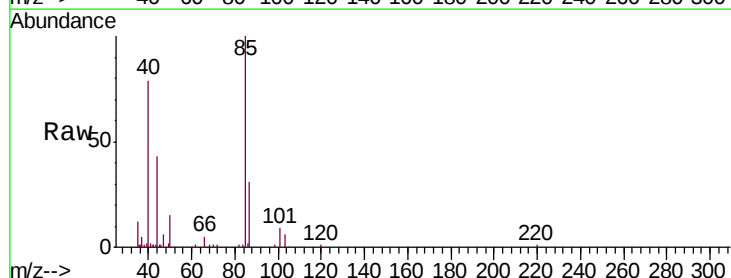
Acq: 19 Mar 2019 11:51

Tgt Ion: 85 Resp: 43712

Ion Ratio Lower Upper

85 100

87 31.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

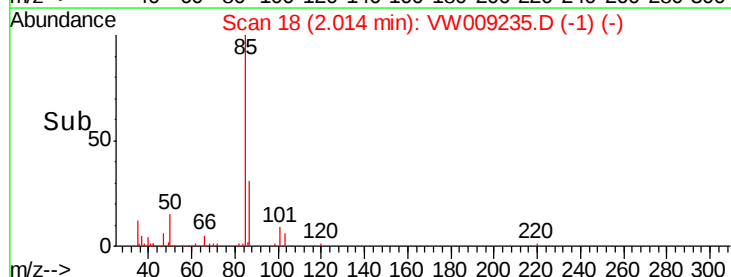
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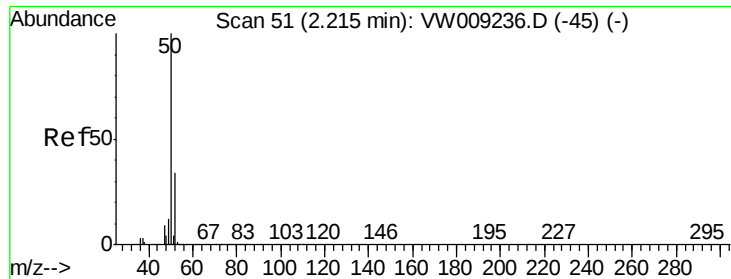
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.200 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

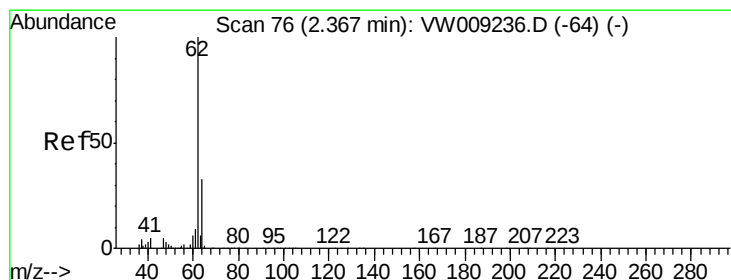
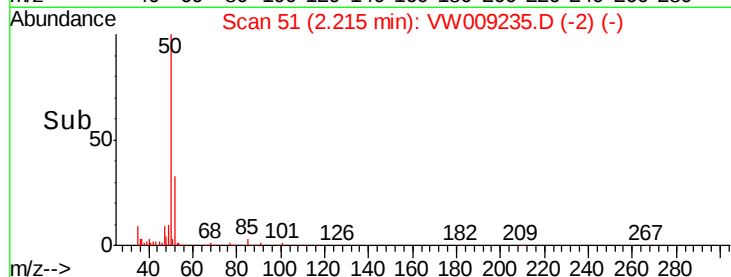
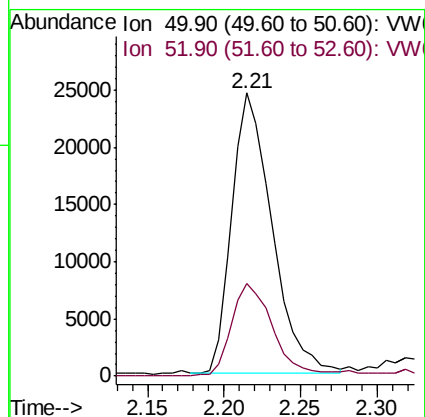
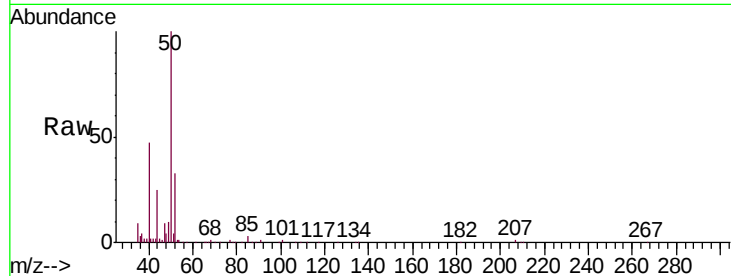
VSTDIC020

Tgt Ion: 50 Resp: 44926

Ion Ratio Lower Upper

50 100

52 33.0 27.2 40.8



#4

Vinyl Chloride

Concen: 20.847 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW009235.D

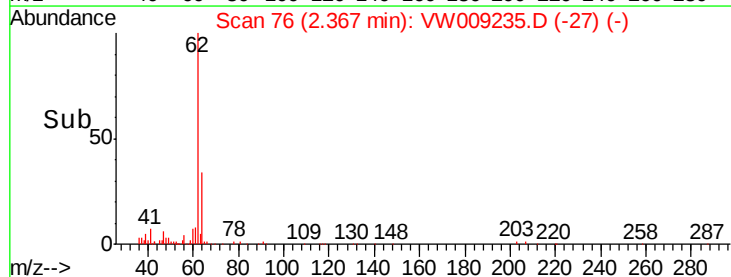
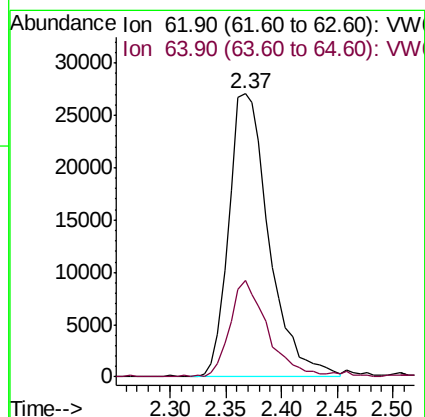
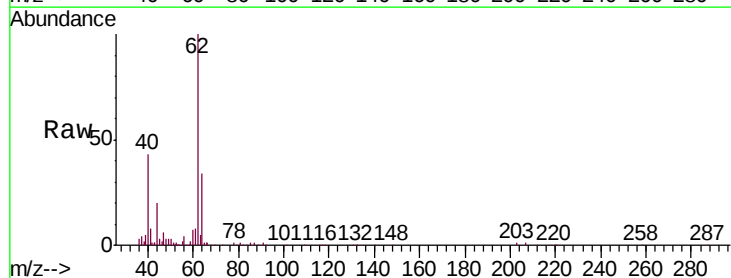
Acq: 19 Mar 2019 11:51

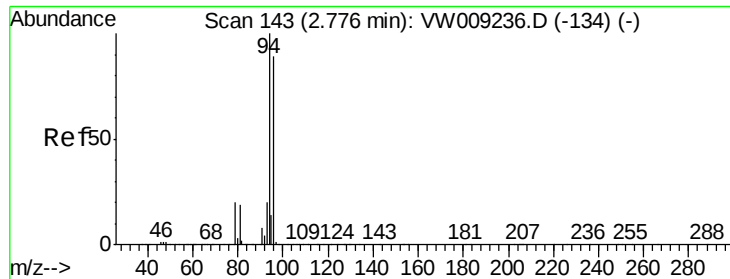
Tgt Ion: 62 Resp: 68052

Ion Ratio Lower Upper

62 100

64 34.0 26.2 39.2





#5

Bromomethane

Concen: 21.301 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

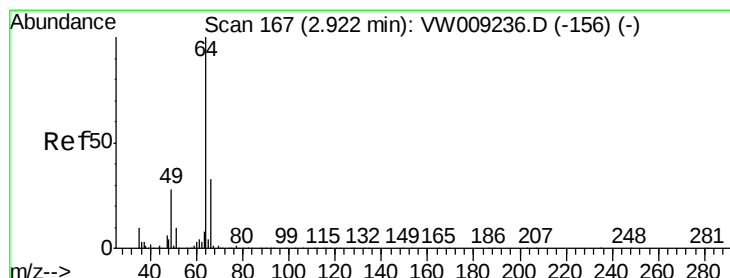
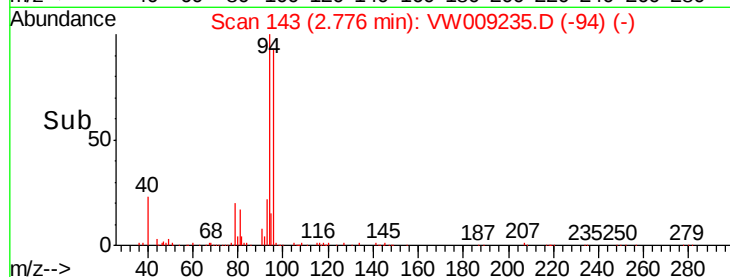
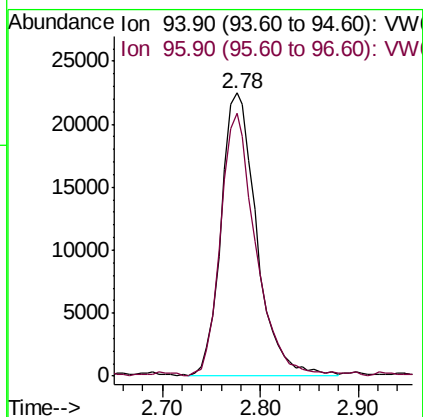
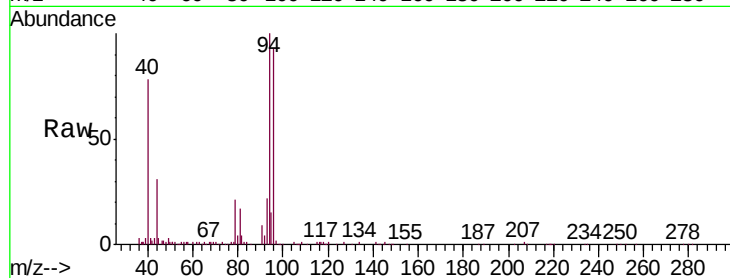
VSTDIC020

Tgt Ion: 94 Resp: 56705

Ion Ratio Lower Upper

94 100

96 92.7 71.4 107.2



#6

Chloroethane

Concen: 20.937 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW009235.D

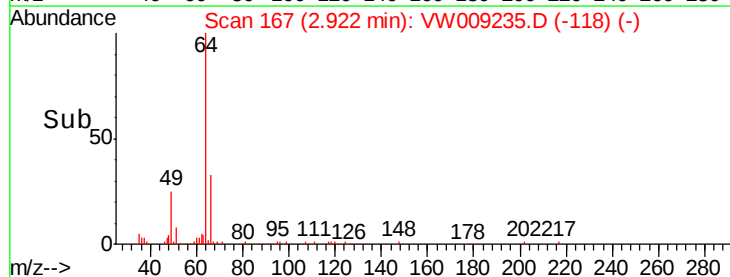
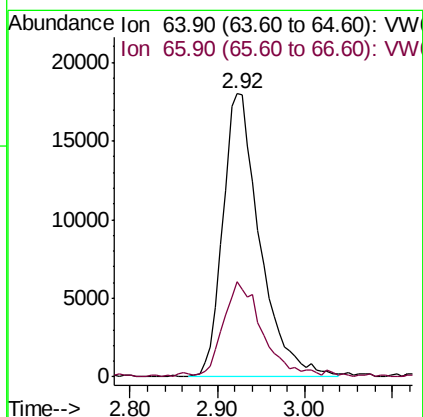
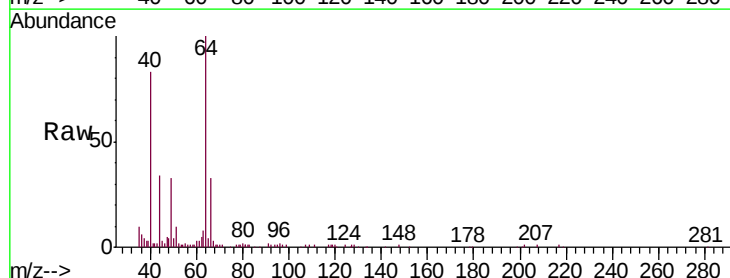
Acq: 19 Mar 2019 11:51

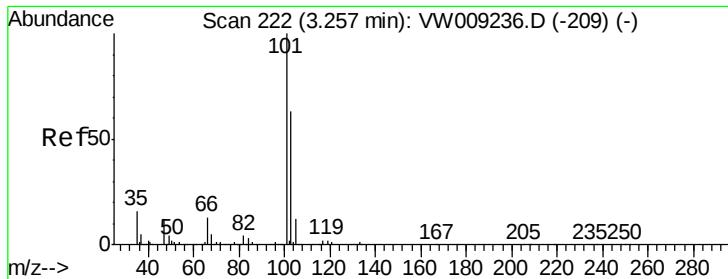
Tgt Ion: 64 Resp: 53025

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2



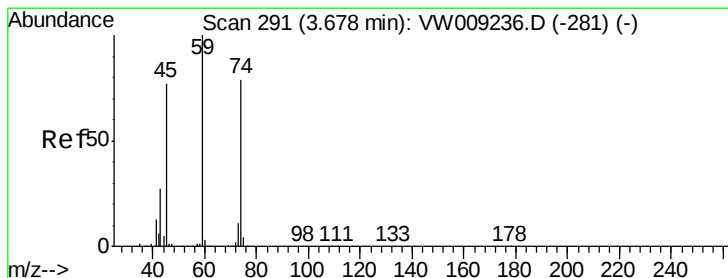
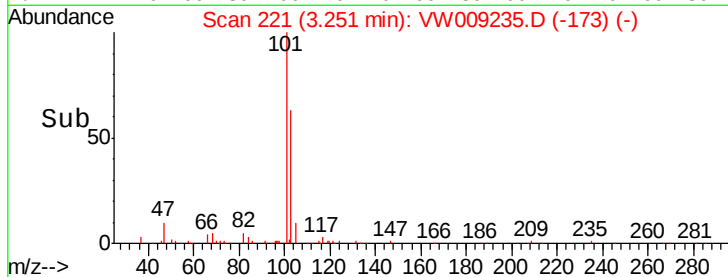
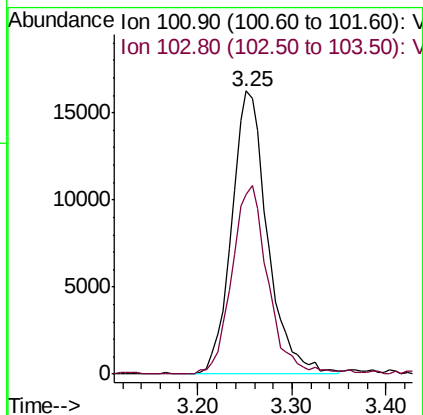
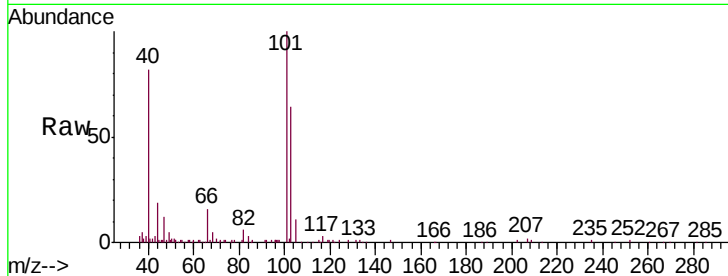


#7

Trichlorofluoromethane
 Concen: 20.033 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009235.D
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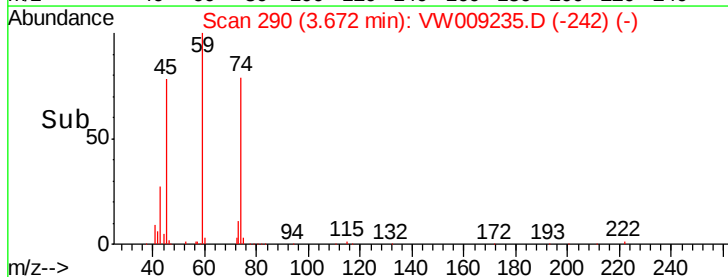
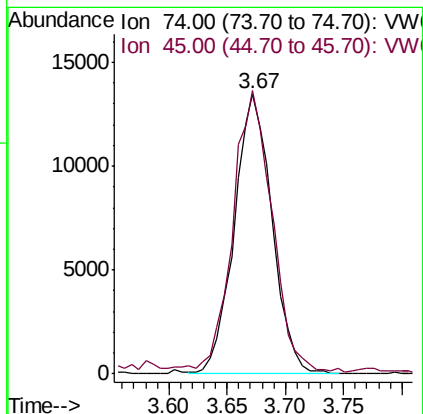
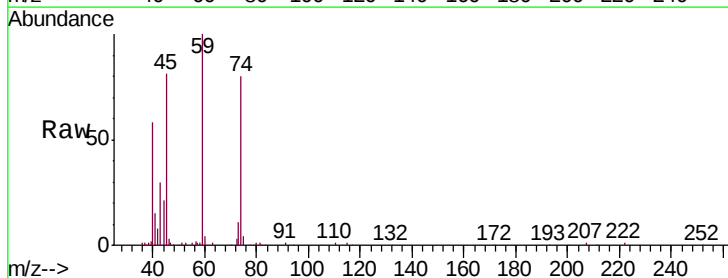
Tgt Ion:101 Resp: 42839
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.5 75.7

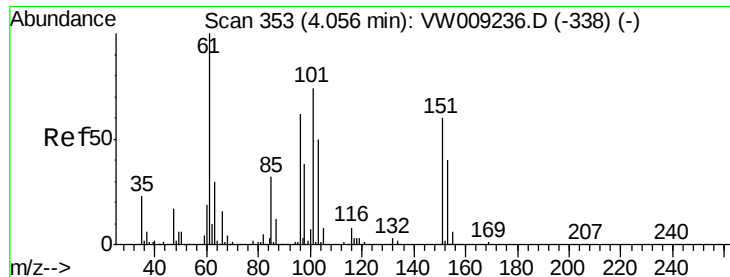


#8

Diethyl Ether
 Concen: 19.761 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 74 Resp: 30475
 Ion Ratio Lower Upper
 74 100
 45 104.9 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.625 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

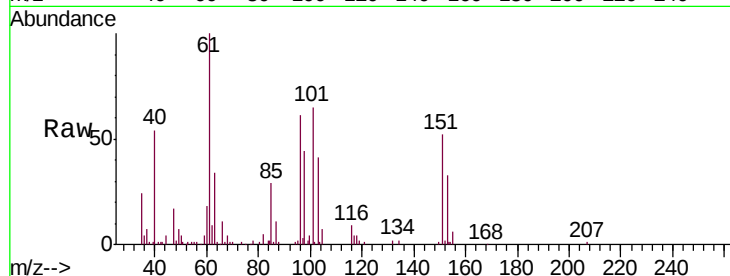
Tgt Ion:101 Resp: 60793

Ion Ratio Lower Upper

101 100

85 47.4 35.1 52.7

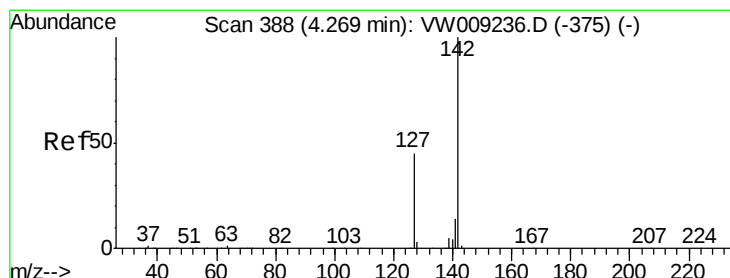
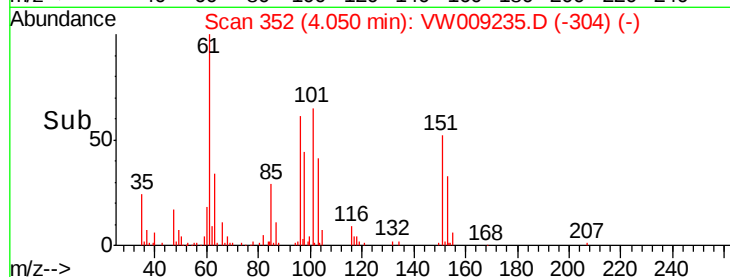
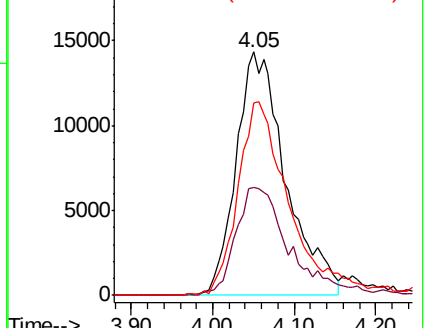
151 81.9 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.338 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

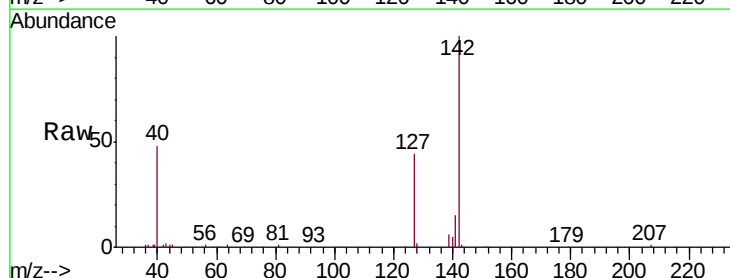
Tgt Ion:142 Resp: 90817

Ion Ratio Lower Upper

142 100

127 45.9 35.9 53.9

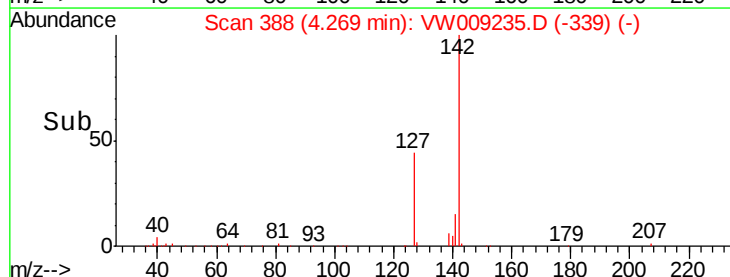
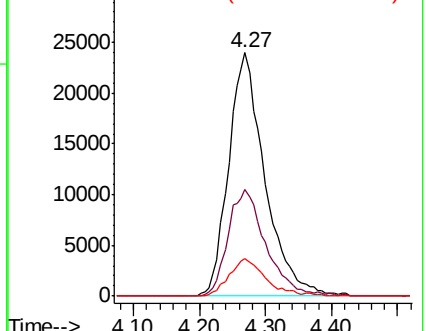
141 15.2 11.4 17.2

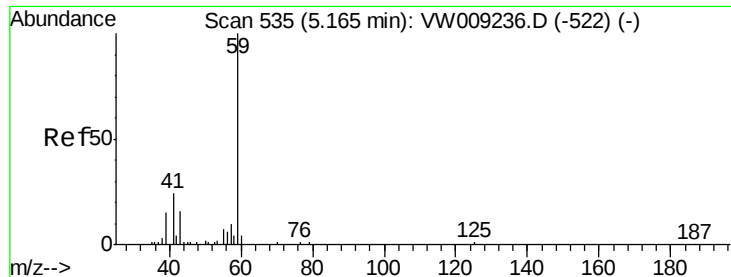


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

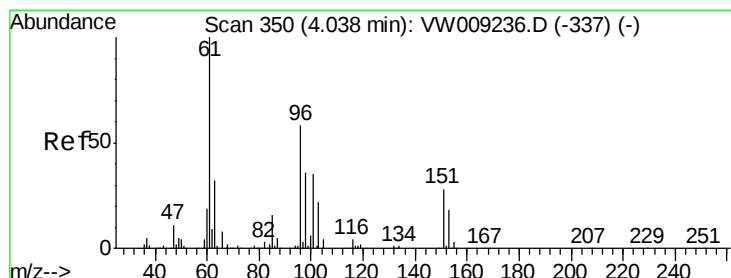
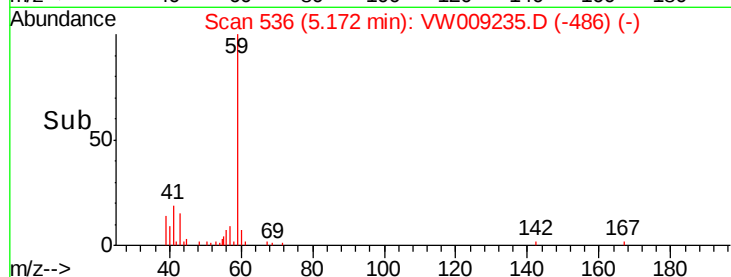
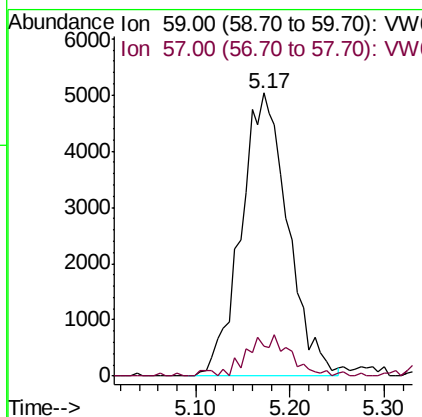
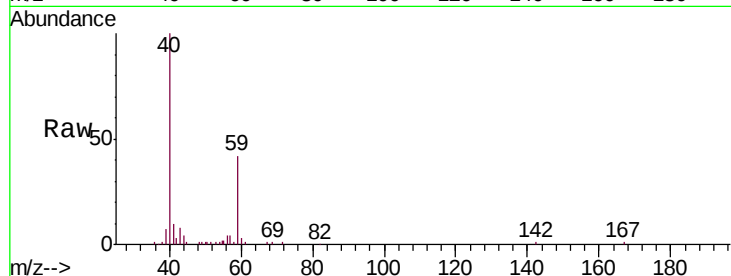




#11
Tert butyl alcohol
Concen: 92.676 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

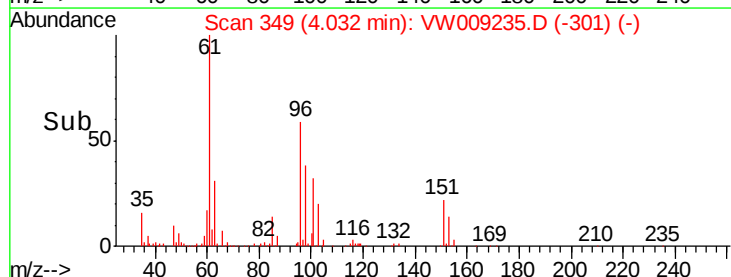
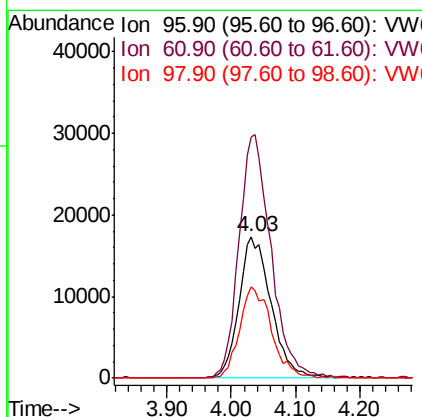
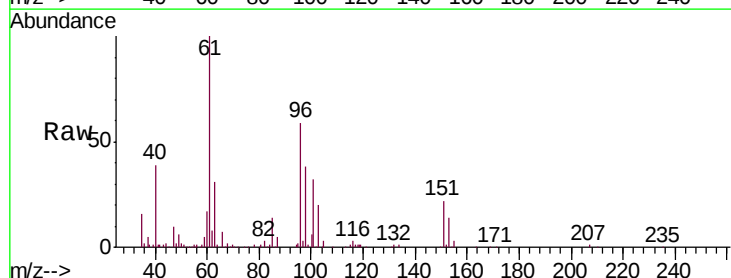
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

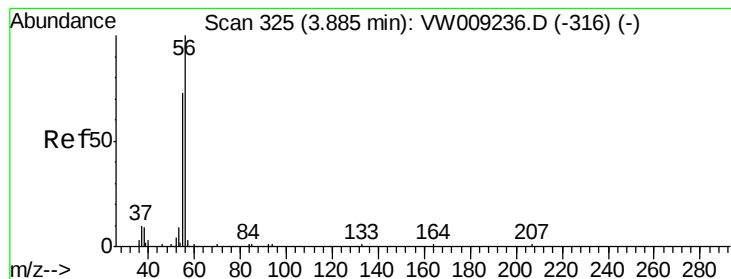
Tgt Ion: 59 Resp: 17550
Ion Ratio Lower Upper
59 100
57 6.8 9.4 14.0#



#12
1,1-Dichloroethene
Concen: 20.331 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 96 Resp: 59533
Ion Ratio Lower Upper
96 100
61 169.8 138.0 207.0
98 64.4 49.8 74.8





#13

Acrolein

Concen: 89.493 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

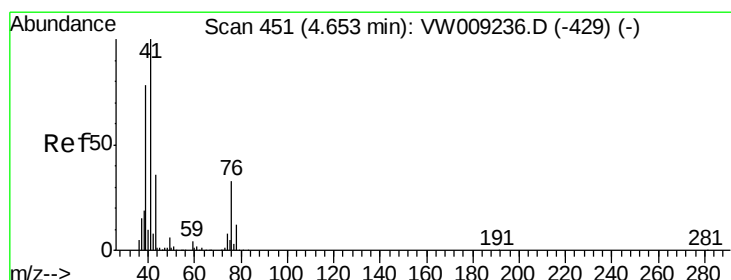
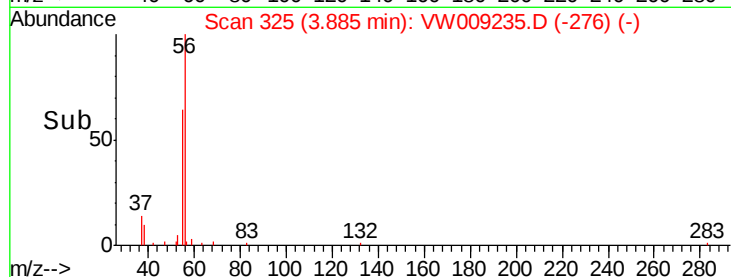
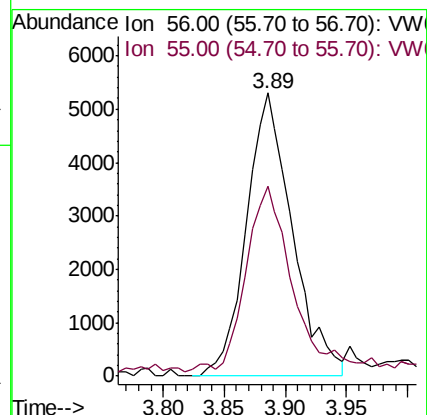
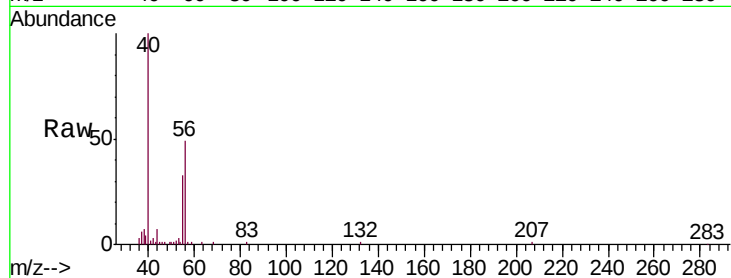
VSTDIC020

Tgt Ion: 56 Resp: 13840

Ion Ratio Lower Upper

56 100

55 66.8 55.2 82.8



#14

Allyl chloride

Concen: 19.273 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

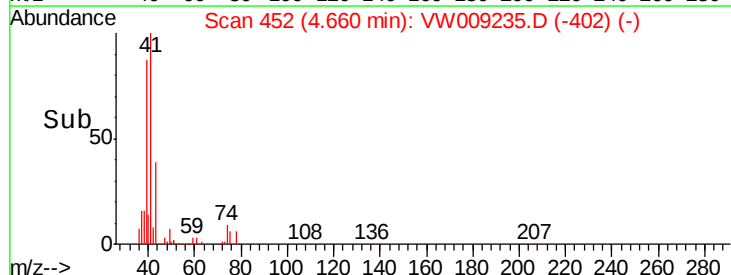
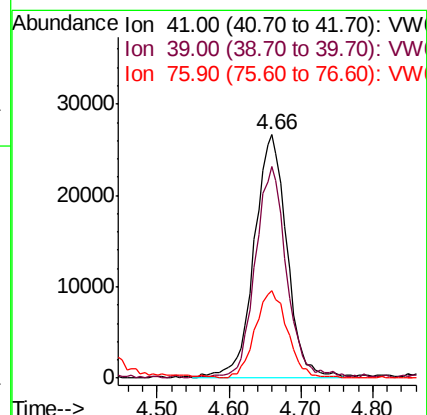
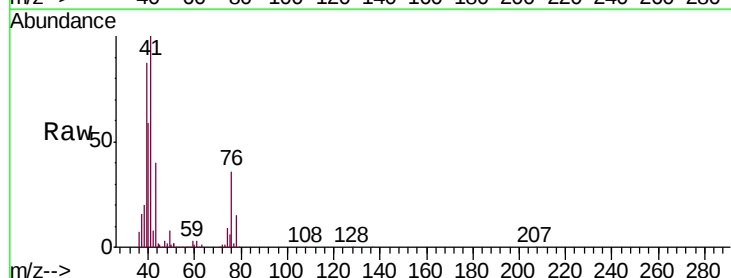
Tgt Ion: 41 Resp: 83196

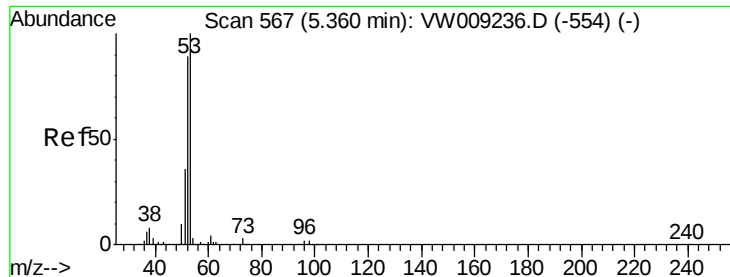
Ion Ratio Lower Upper

41 100

39 84.7 63.8 95.6

76 35.2 27.8 41.6





#15

Acrylonitrile

Concen: 93.804 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

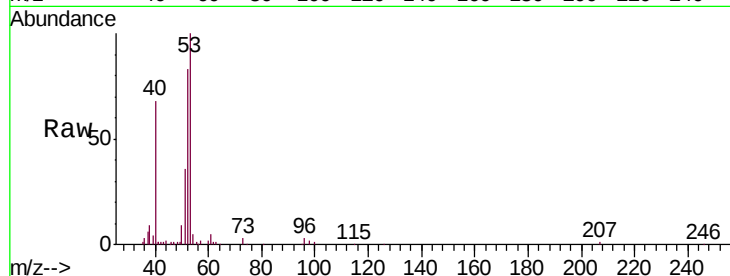
Tgt Ion: 53 Resp: 60797

Ion Ratio Lower Upper

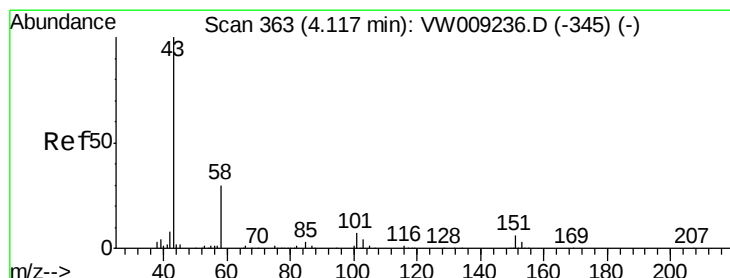
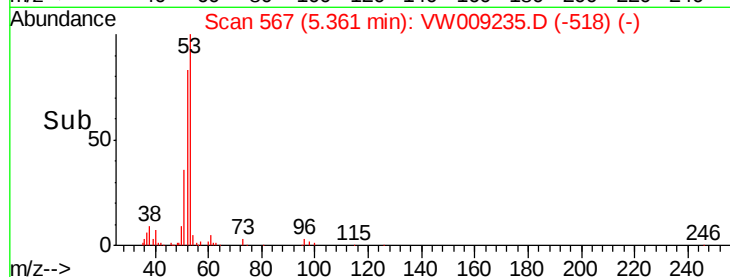
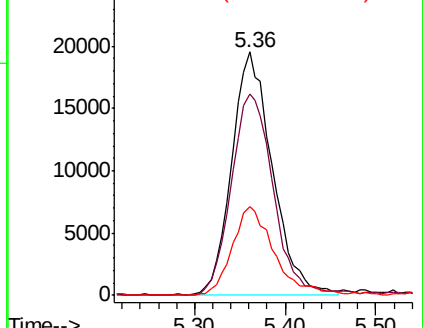
53 100

52 85.9 67.6 101.4

51 37.5 30.6 45.8



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



#16

Acetone

Concen: 91.436 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009235.D

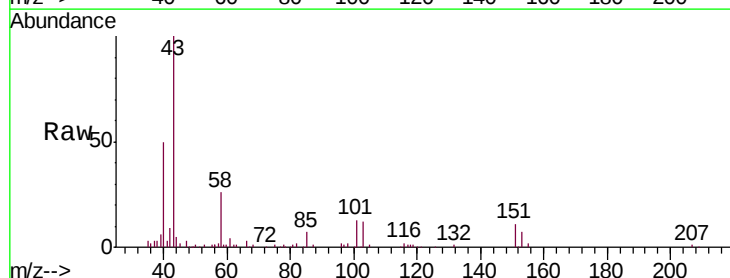
Acq: 19 Mar 2019 11:51

Tgt Ion: 43 Resp: 61222

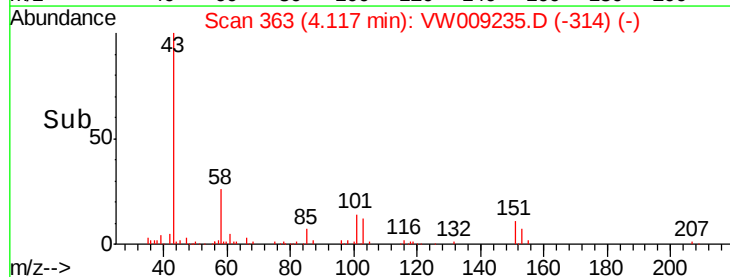
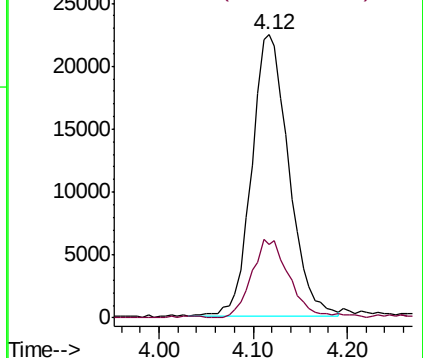
Ion Ratio Lower Upper

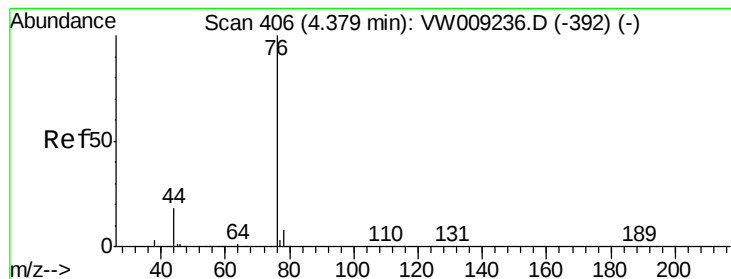
43 100

58 25.4 23.6 35.4



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





#17

Carbon Disulfide

Concen: 20.872 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

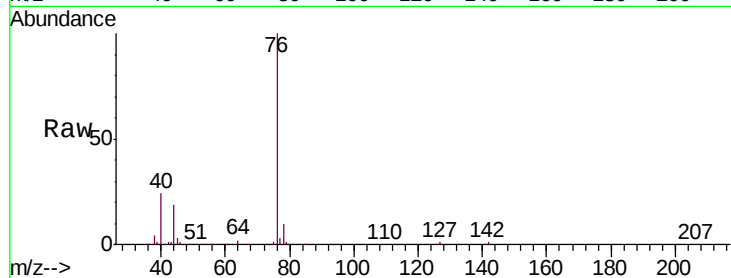
VSTDIC020

Tgt Ion: 76 Resp: 170382

Ion Ratio Lower Upper

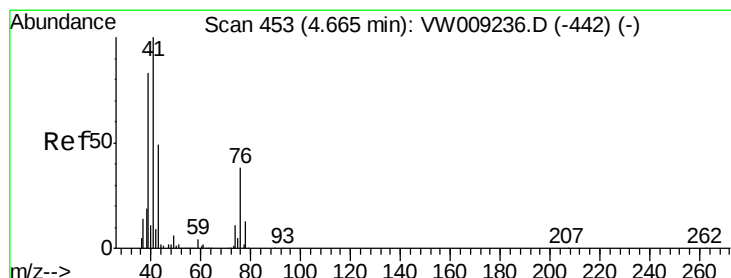
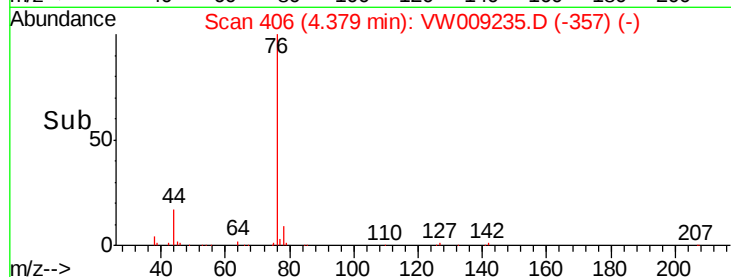
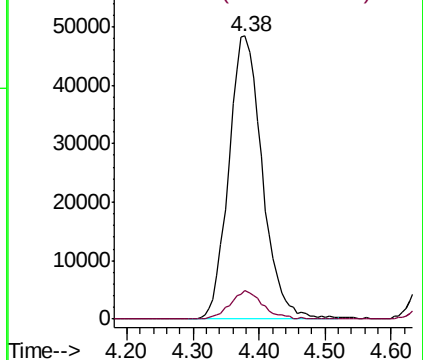
76 100

78 9.9 6.6 9.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.439 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW009235.D

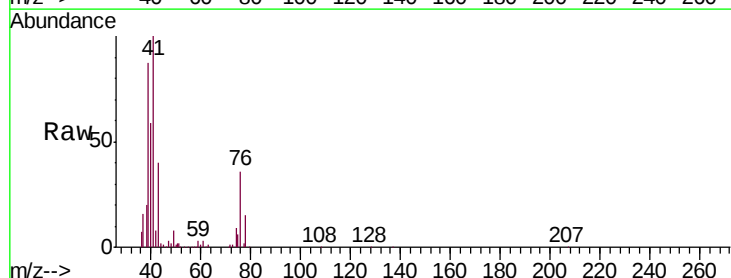
Acq: 19 Mar 2019 11:51

Tgt Ion: 43 Resp: 29967

Ion Ratio Lower Upper

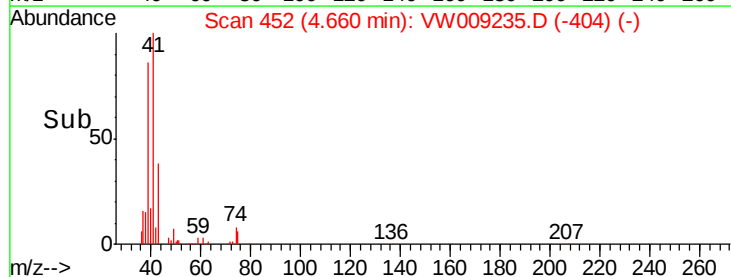
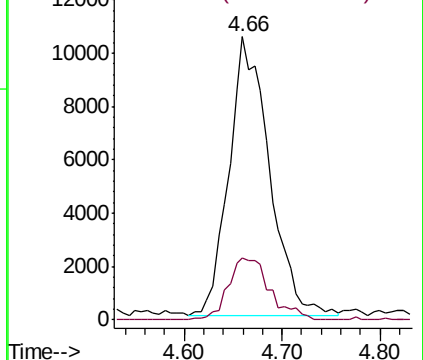
43 100

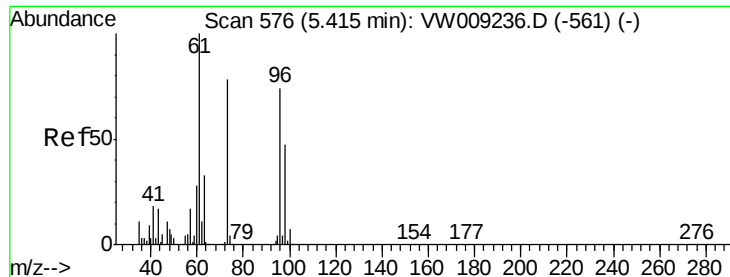
74 23.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

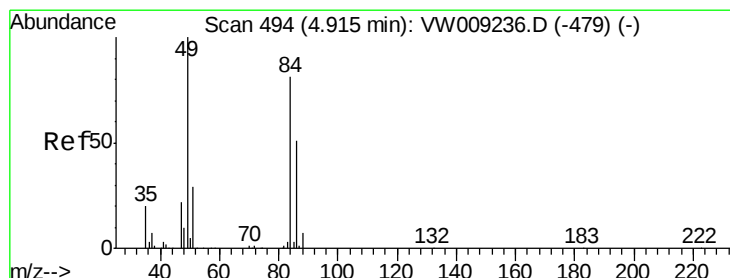
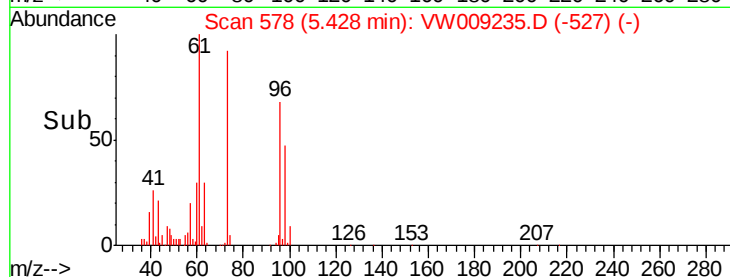
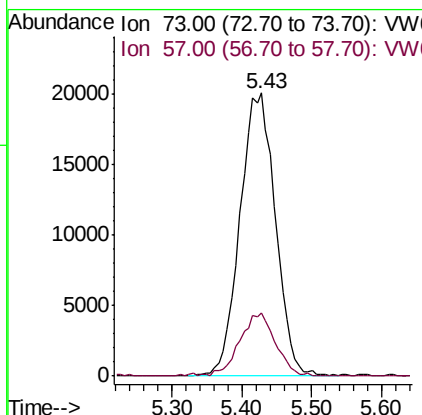
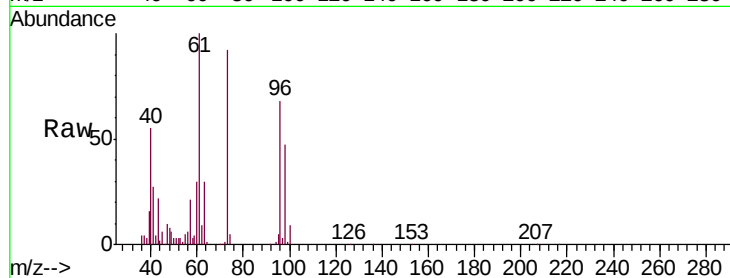




#19
Methyl tert-butyl Ether
Concen: 19.695 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

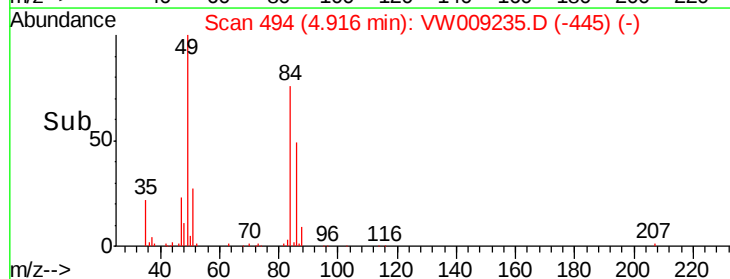
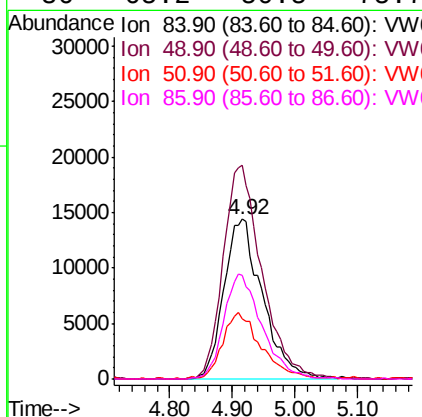
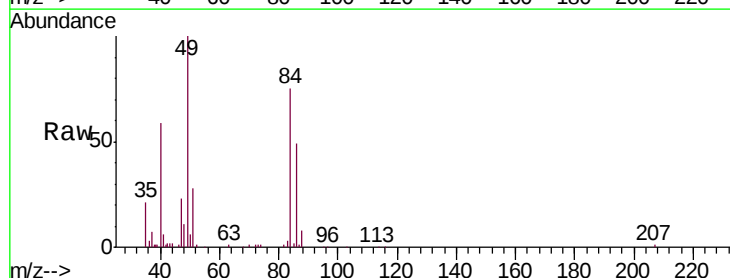
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

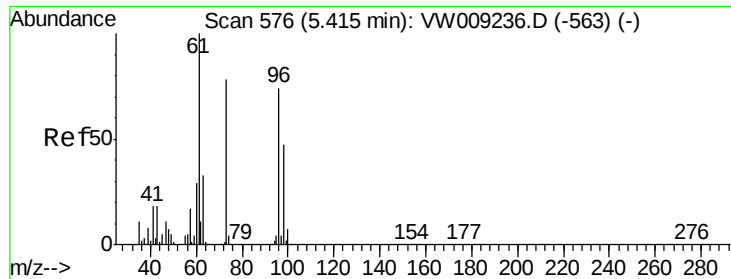
Tgt Ion: 73 Resp: 70779
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6



#20
Methylene Chloride
Concen: 19.585 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 84 Resp: 61229
Ion Ratio Lower Upper
84 100
49 133.2 99.1 148.7
51 37.8 28.7 43.1
86 65.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 20.462 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

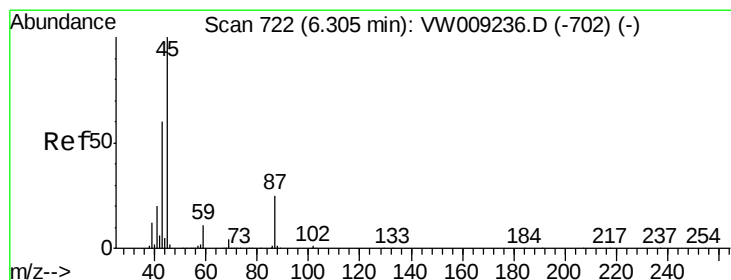
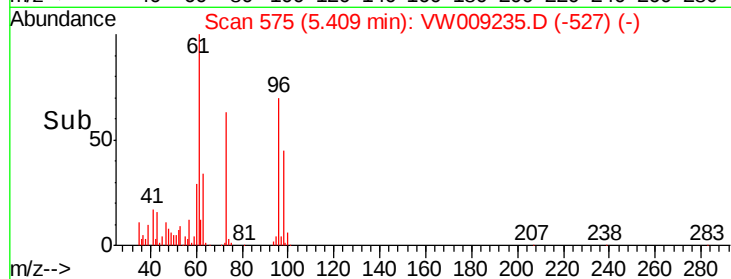
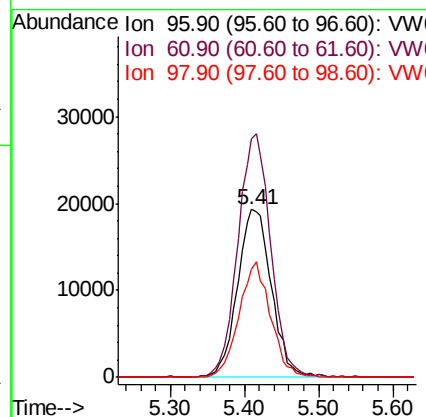
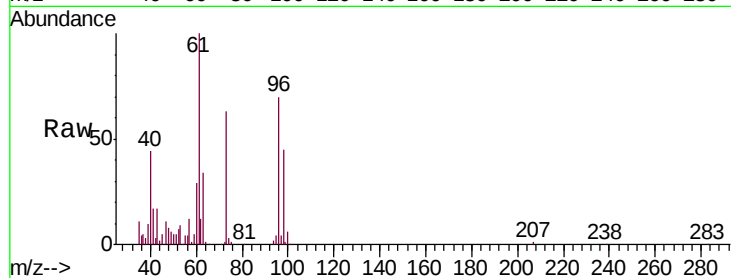
Tgt Ion: 96 Resp: 61643

Ion Ratio Lower Upper

96 100

61 142.3 108.2 162.4

98 64.3 50.9 76.3



#22

Diisopropyl ether

Concen: 19.565 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Tgt Ion: 45 Resp: 182075

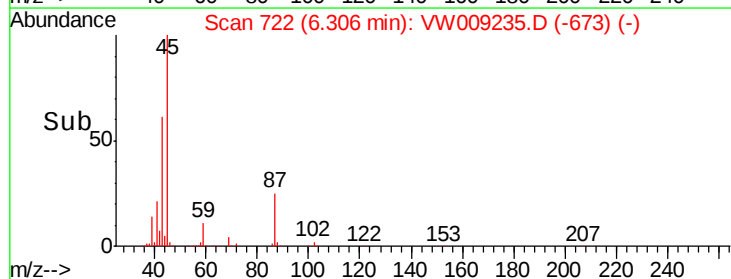
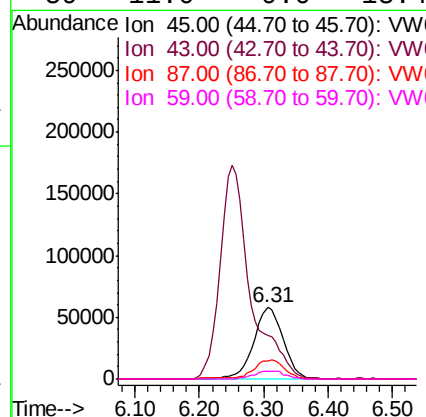
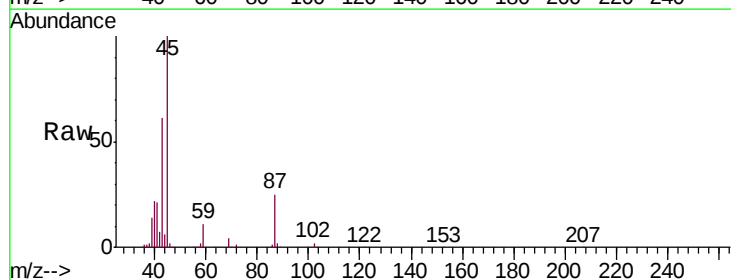
Ion Ratio Lower Upper

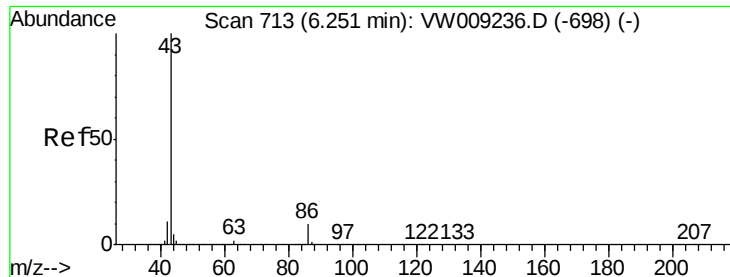
45 100

43 60.8 47.9 71.9

87 25.3 20.6 30.8

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 97.971 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

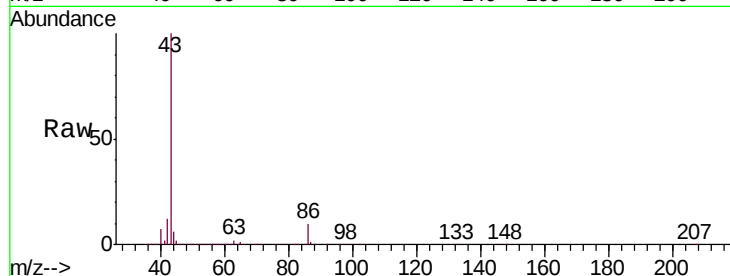
VSTDIC020

Tgt Ion: 43 Resp: 572062

Ion Ratio Lower Upper

43 100

86 10.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

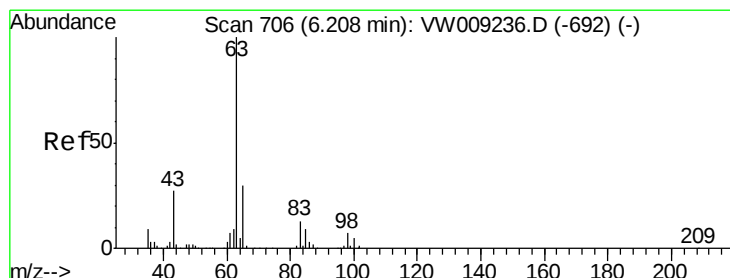
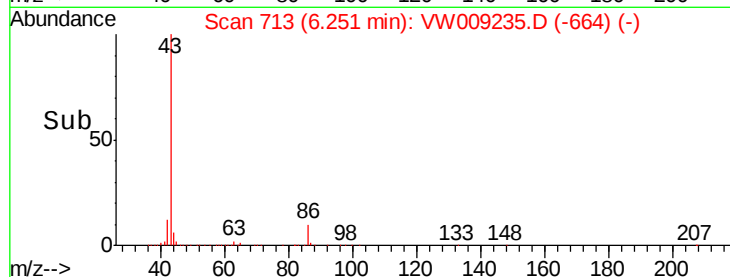
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.858 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

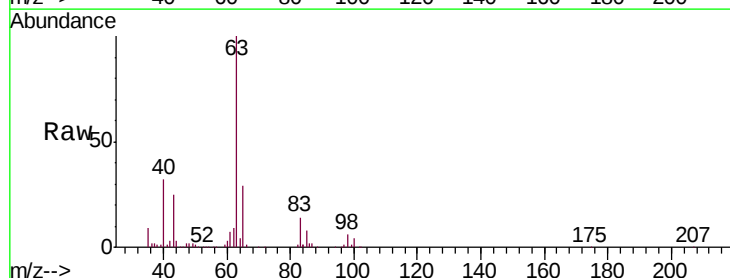
Tgt Ion: 63 Resp: 114054

Ion Ratio Lower Upper

63 100

98 6.3 3.7 11.1

100 3.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

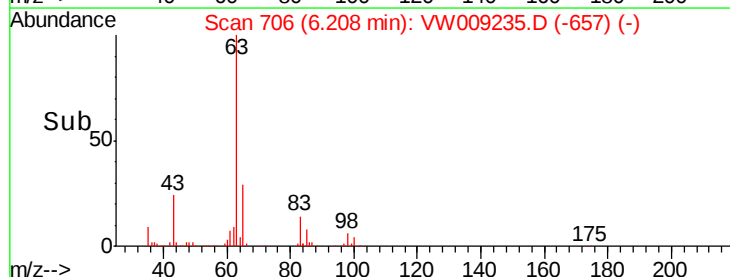
30000

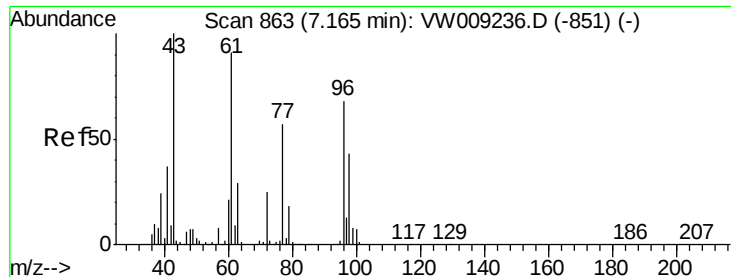
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.244 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

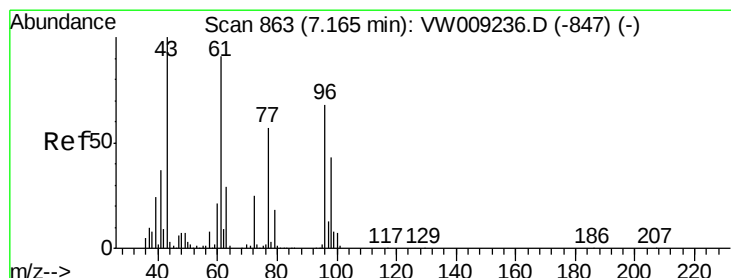
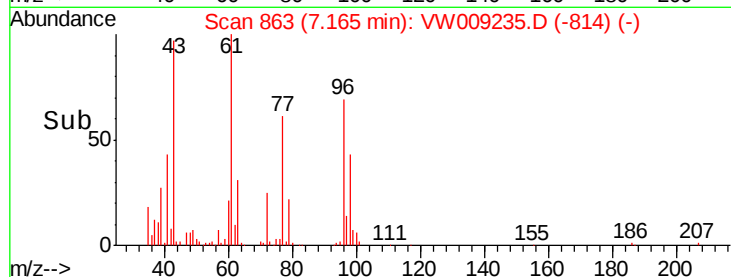
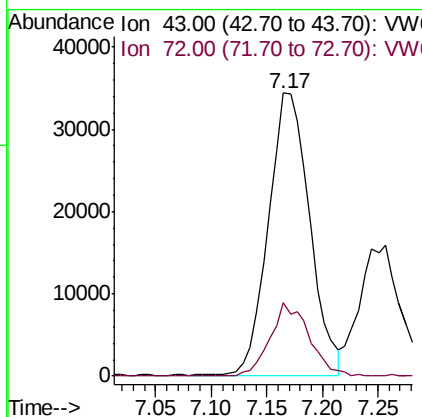
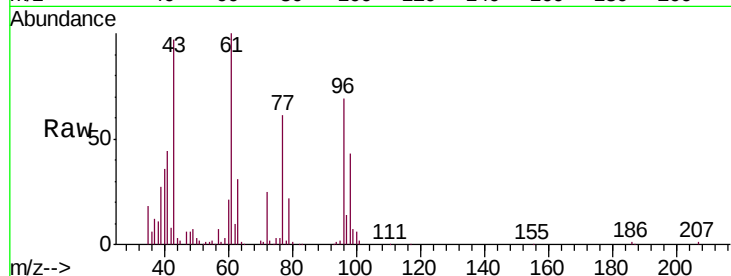
VSTDIC020

Tgt Ion: 43 Resp: 89459

Ion Ratio Lower Upper

43 100

72 25.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.157 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009235.D

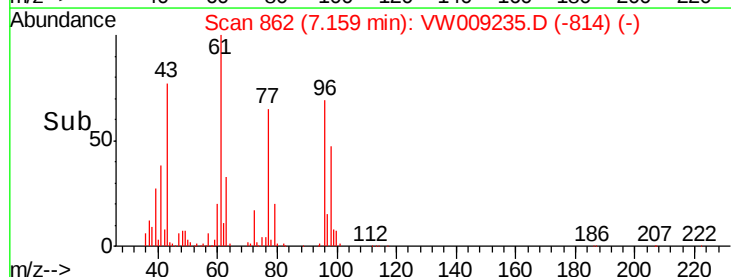
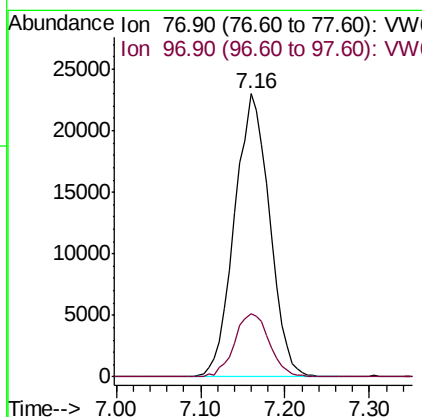
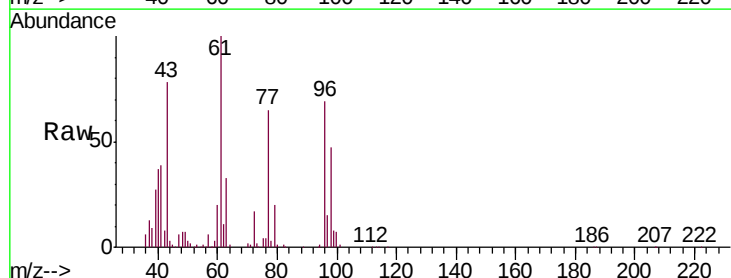
Acq: 19 Mar 2019 11:51

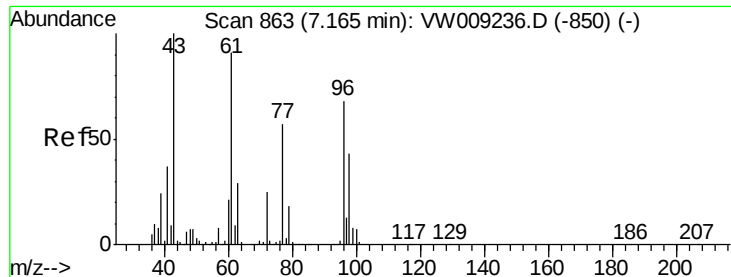
Tgt Ion: 77 Resp: 64687

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7



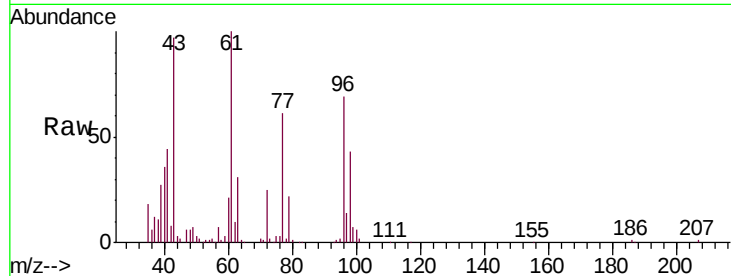


#27

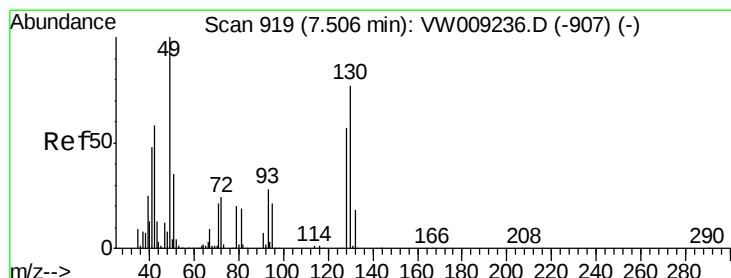
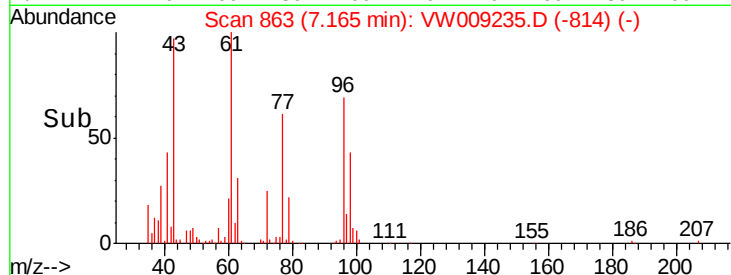
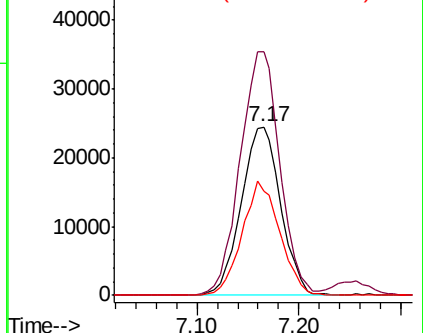
cis-1,2-Dichloroethene
 Concen: 20.139 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 65729
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 289.8
 98 64.7 0.0 130.8



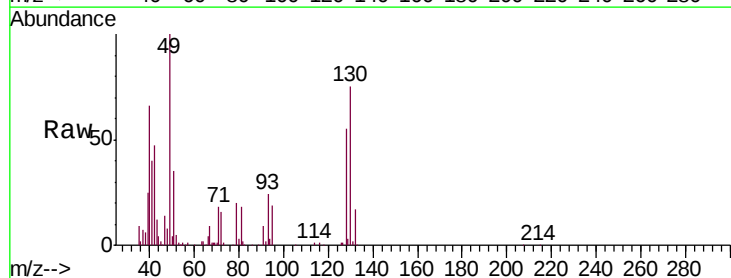
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



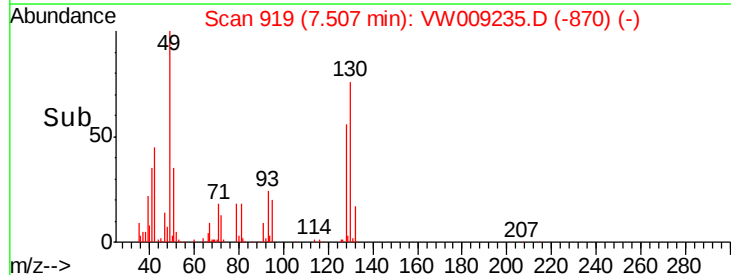
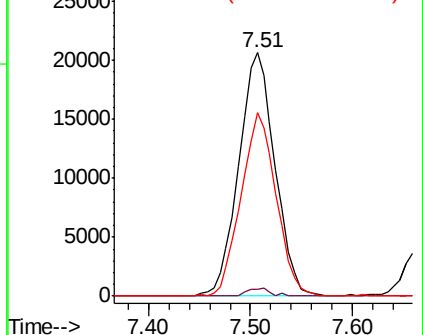
#28

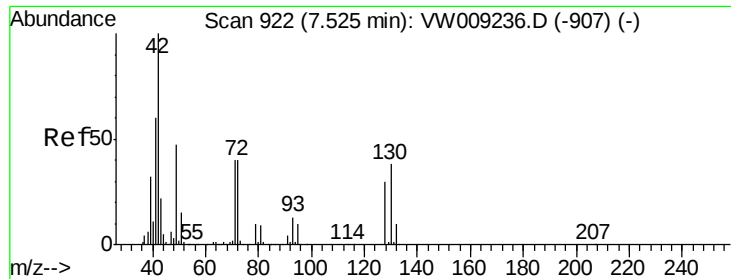
Bromochloromethane
 Concen: 20.163 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 49 Resp: 50795
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.4#
 130 73.3 58.6 88.0



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

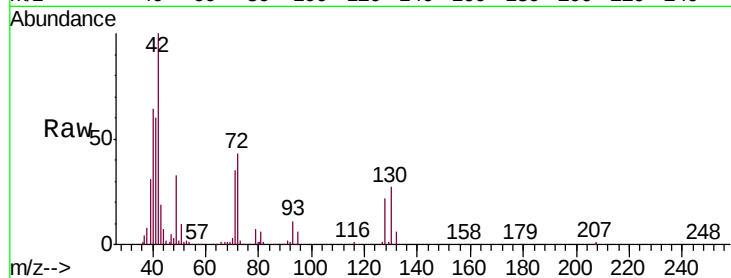




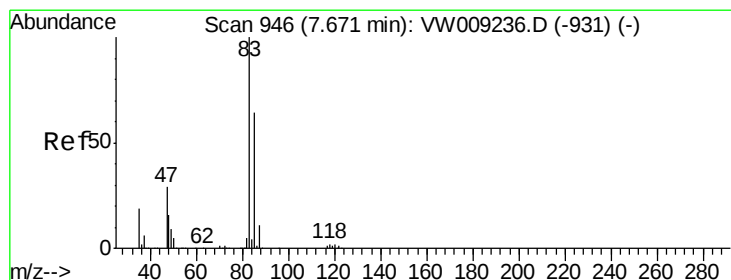
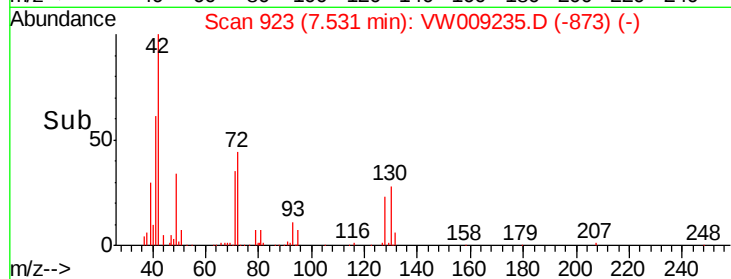
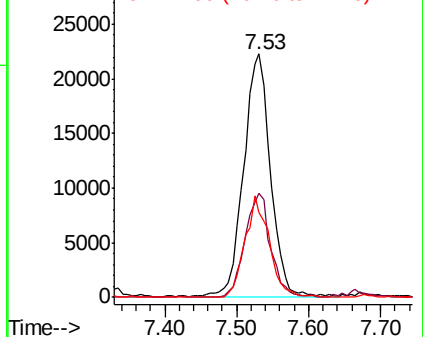
#29
Tetrahydrofuran
Concen: 95.110 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 58000
Ion Ratio Lower Upper
42 100
72 40.6 32.4 48.6
71 37.4 30.1 45.1

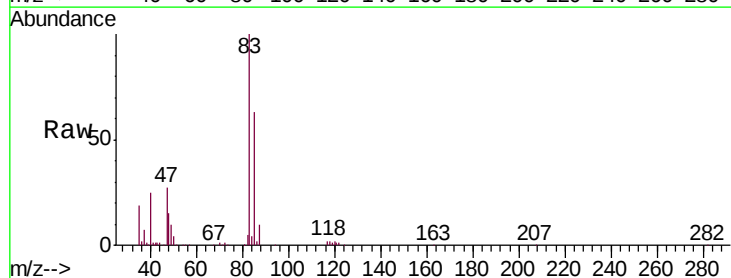


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

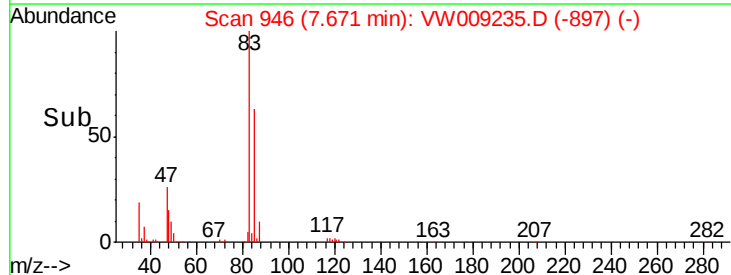
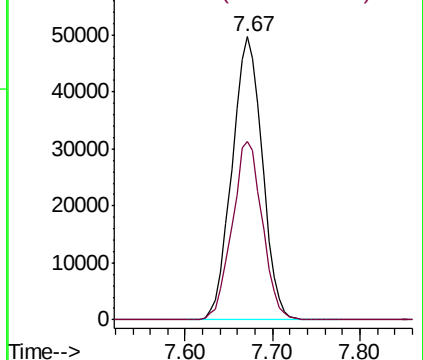


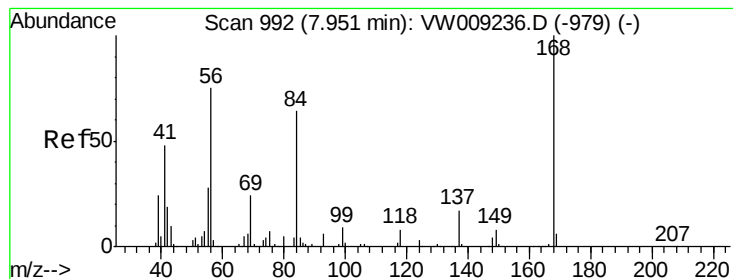
#30
Chloroform
Concen: 20.031 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 83 Resp: 119702
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.6



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





#31

Cyclohexane

Concen: 19.742 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

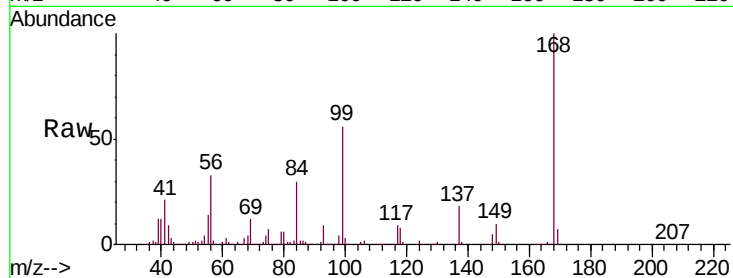
Tgt Ion: 56 Resp: 105710

Ion Ratio Lower Upper

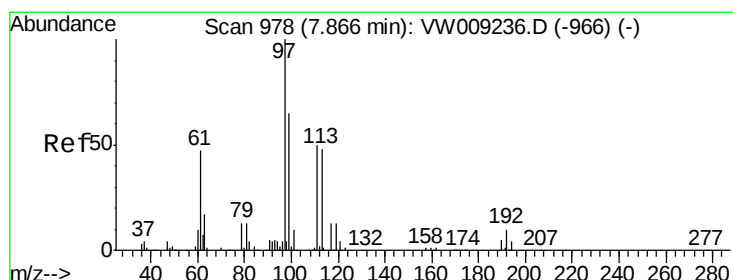
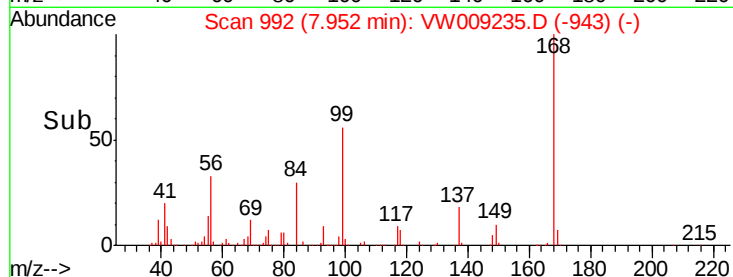
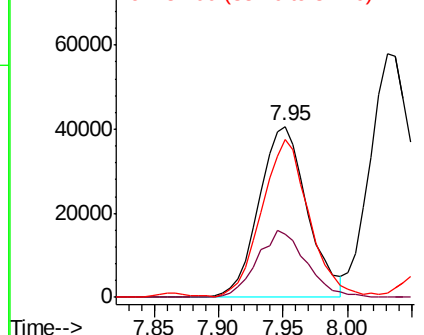
56 100

69 37.1 26.1 39.1

84 90.6 68.6 103.0



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 19.924 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

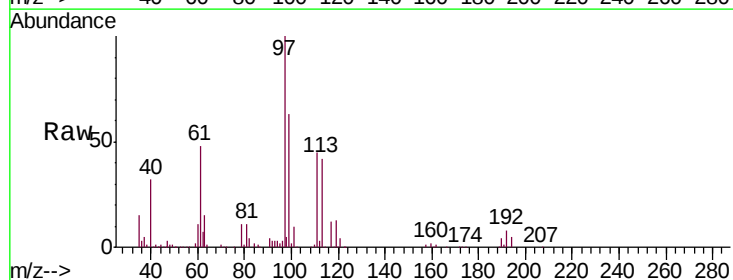
Tgt Ion: 97 Resp: 95037

Ion Ratio Lower Upper

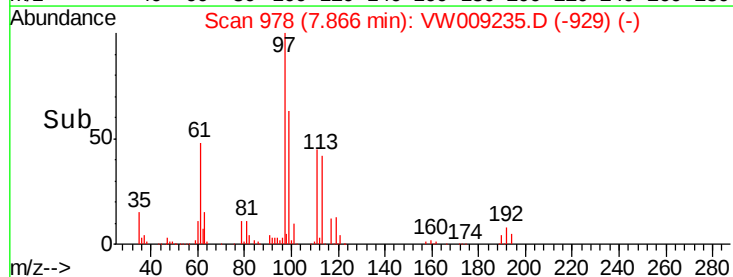
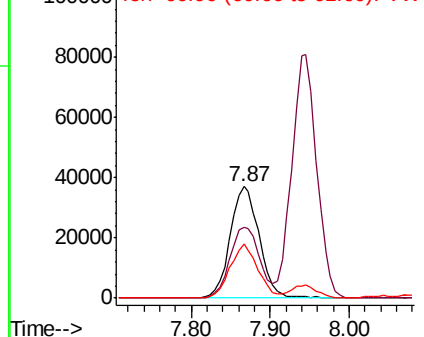
97 100

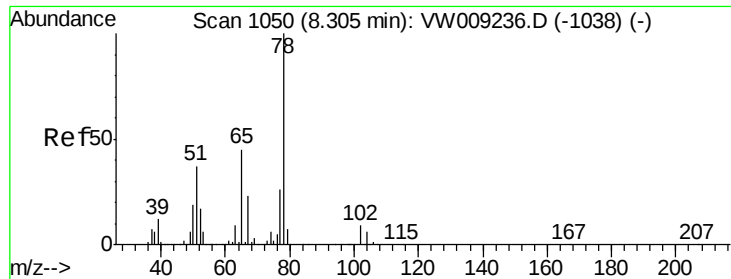
99 64.8 51.9 77.9

61 46.1 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

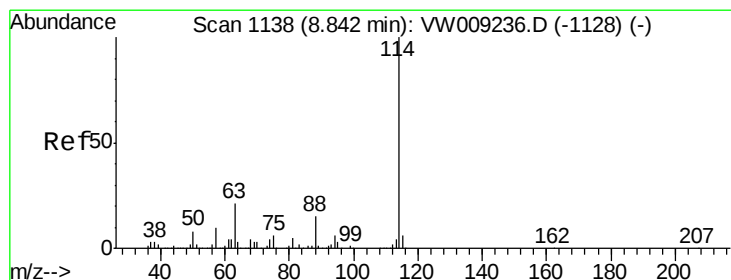
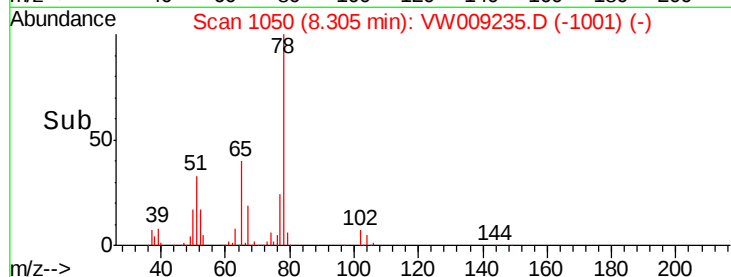
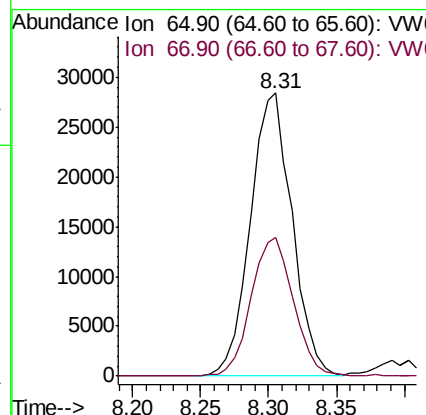
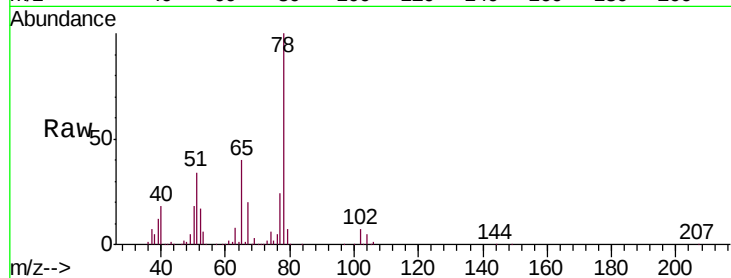




#33
 1,2-Dichloroethane-d4
 Concen: 18.745 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

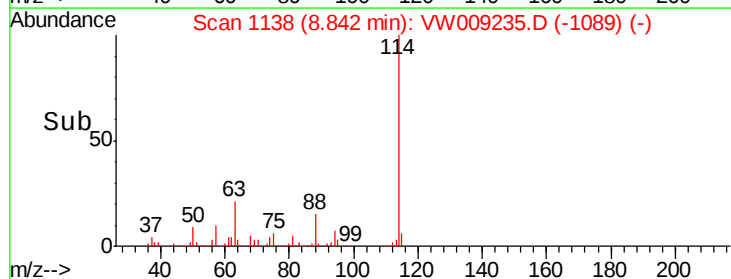
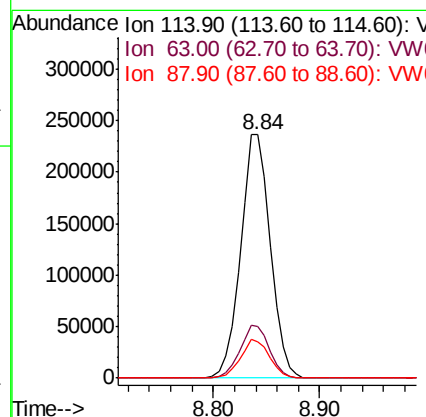
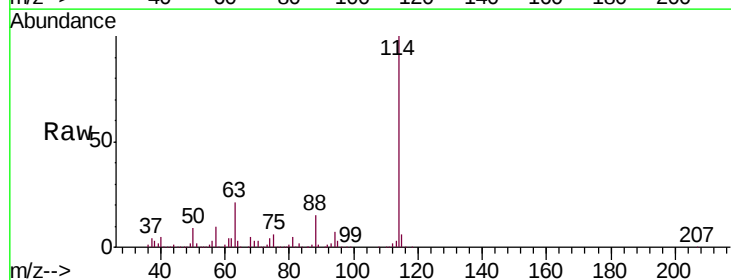
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

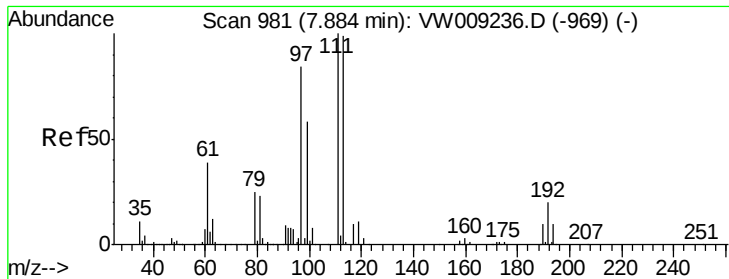
Tgt Ion: 65 Resp: 61175
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 114 Resp: 462562
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 15.1 0.0 30.8

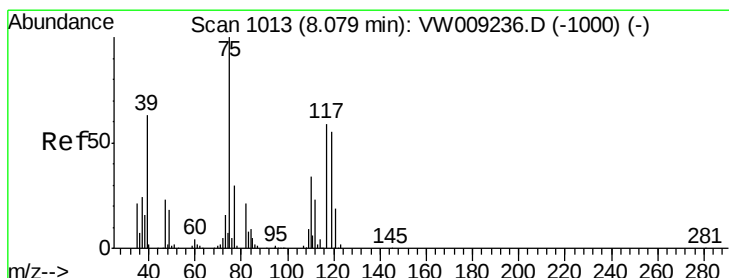
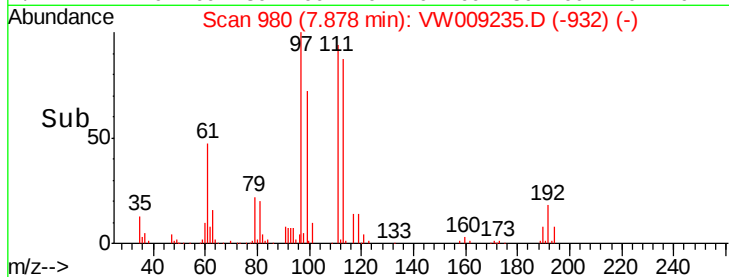
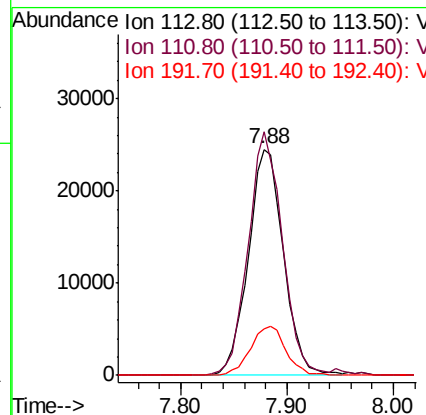
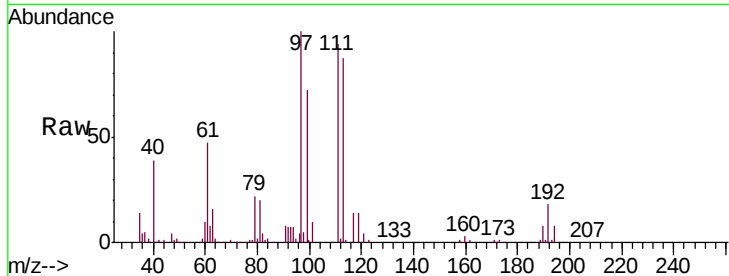




#35
 Dibromofluoromethane
 Concen: 19.438 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

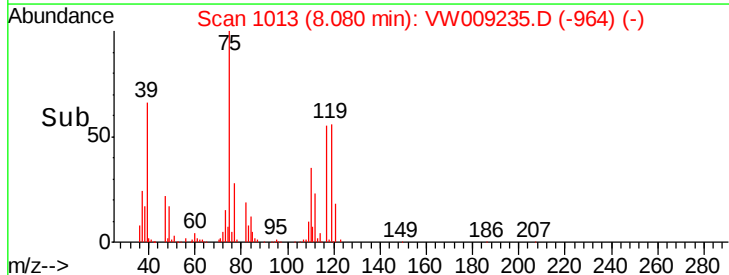
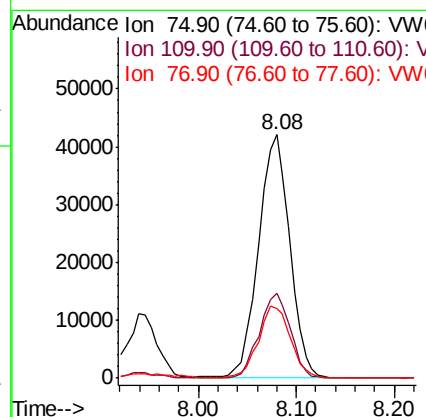
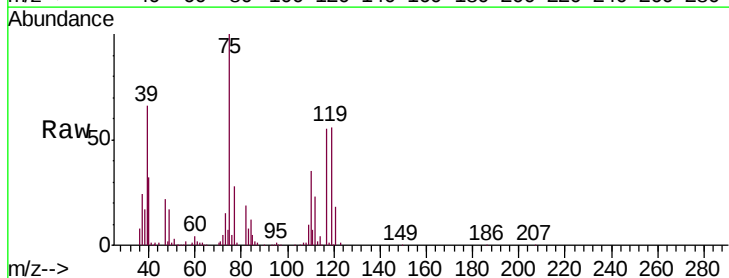
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

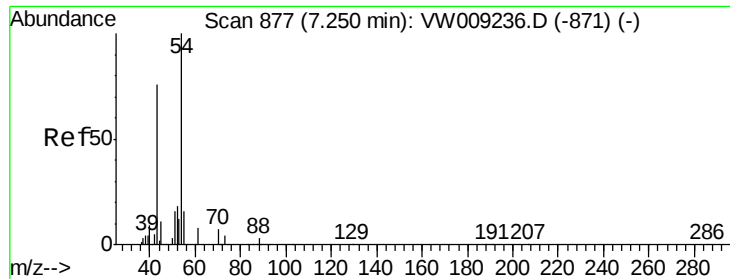
Tgt Ion:113 Resp: 57035
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.6 124.0
 192 21.8 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 20.345 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 75 Resp: 93647
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.8 50.4
 77 30.6 24.6 36.8

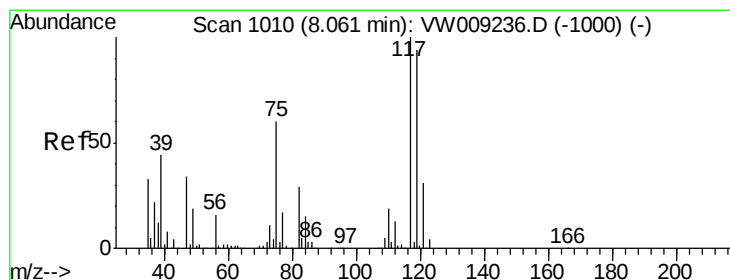
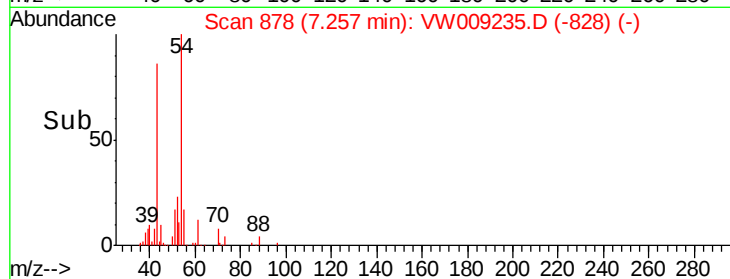
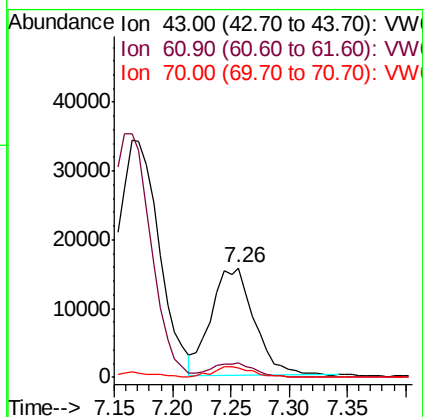
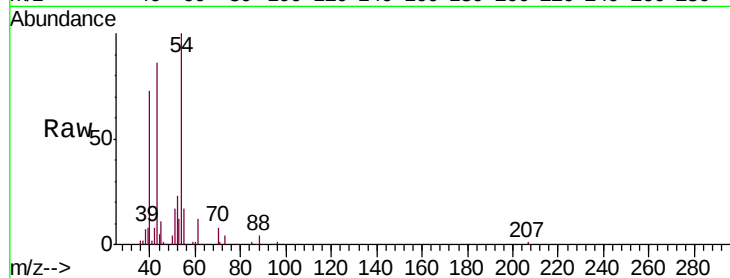




#37
Ethyl Acetate
Concen: 19.215 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

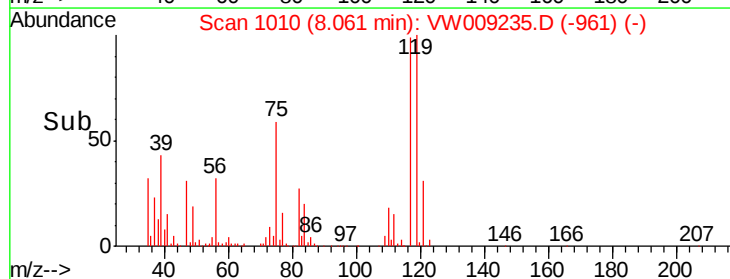
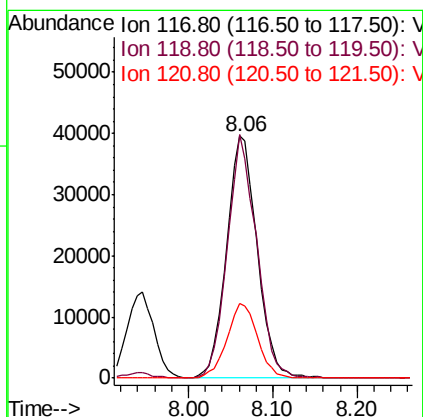
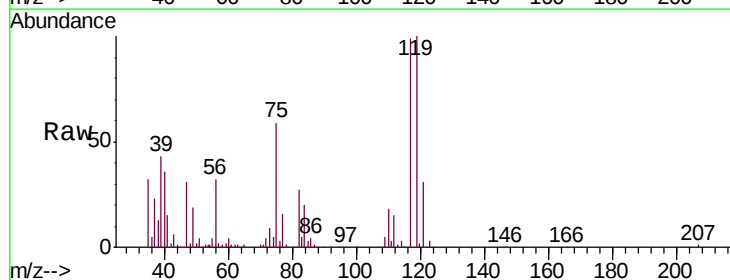
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

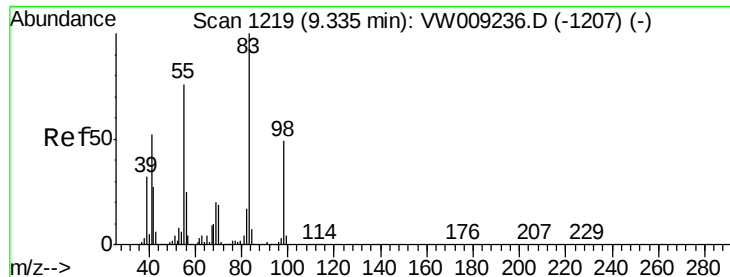
Tgt Ion: 43 Resp: 40360
Ion Ratio Lower Upper
43 100
61 13.7 10.0 15.0
70 9.0 7.3 10.9



#38
Carbon Tetrachloride
Concen: 20.045 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 117 Resp: 97644
Ion Ratio Lower Upper
117 100
119 100.6 75.4 113.0
121 31.0 24.9 37.3





#39

Methylcyclohexane

Concen: 19.821 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

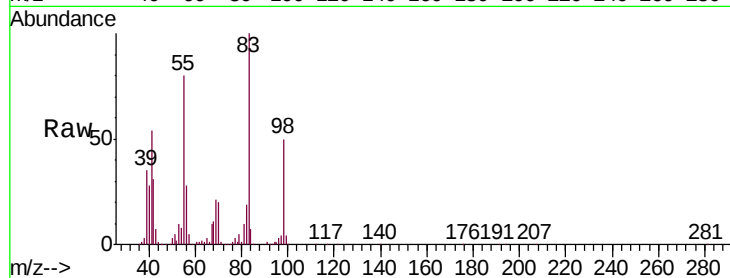
Tgt Ion: 83 Resp: 105554

Ion Ratio Lower Upper

83 100

55 80.0 61.1 91.7

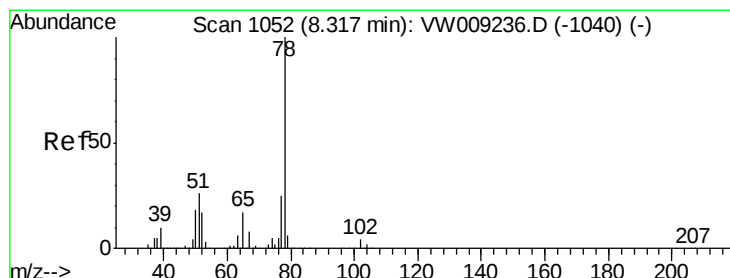
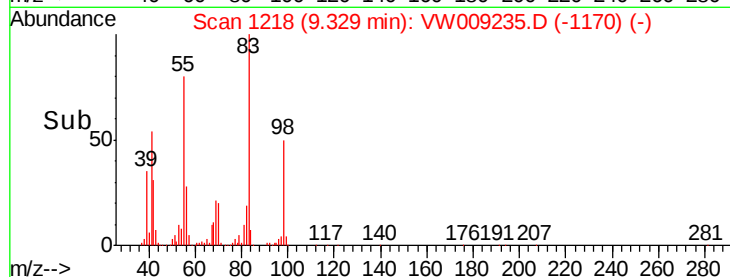
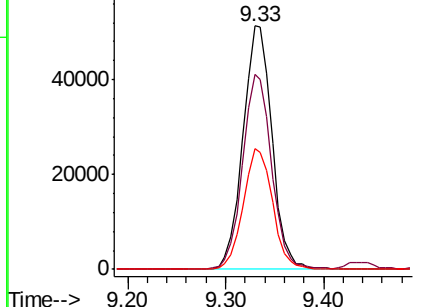
98 49.8 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.240 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW009235.D

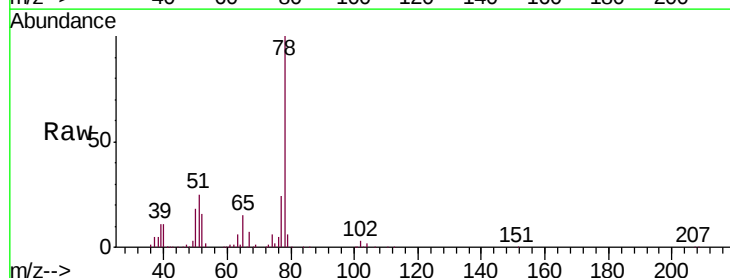
Acq: 19 Mar 2019 11:51

Tgt Ion: 78 Resp: 252633

Ion Ratio Lower Upper

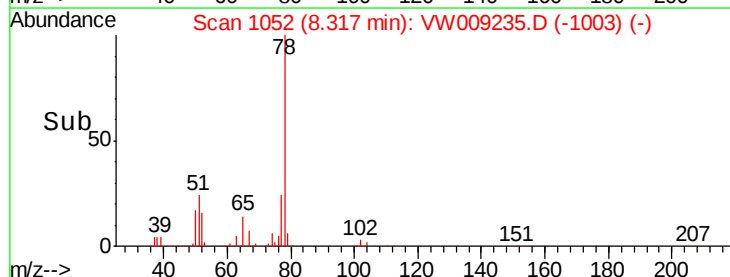
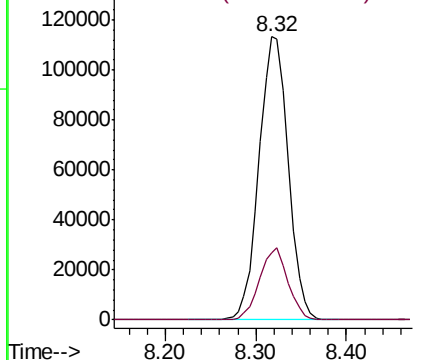
78 100

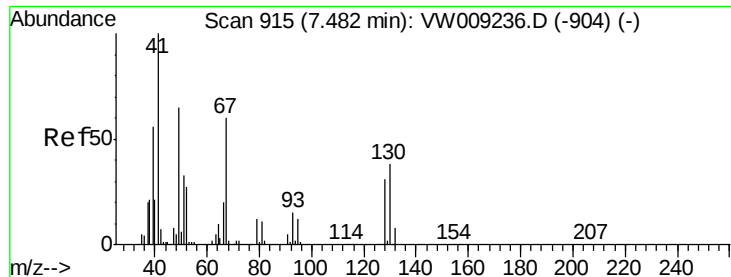
77 23.8 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

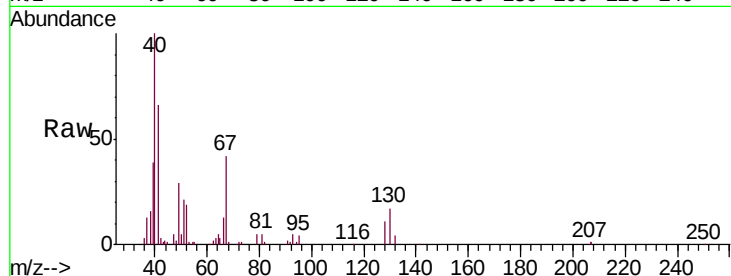




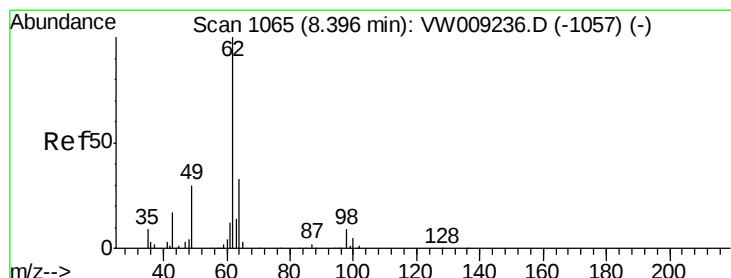
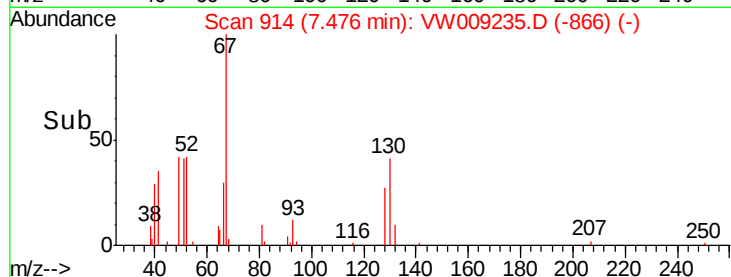
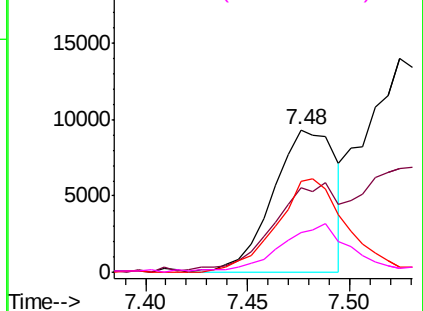
#41
Methacrylonitrile
Concen: 17.740 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	20083
Ion	Ratio	Lower	Upper
41	100		
39	64.2	52.5	78.7
67	74.1	56.6	84.8
52	39.5	27.2	40.8

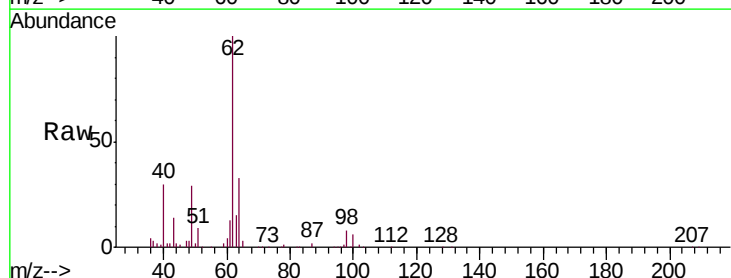


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

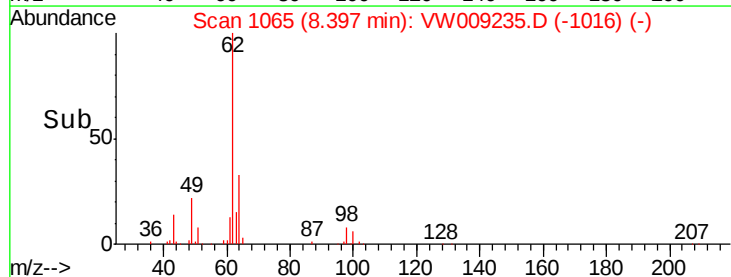
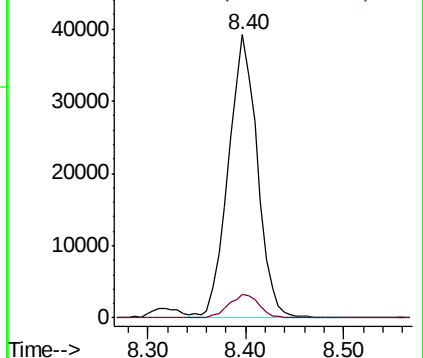


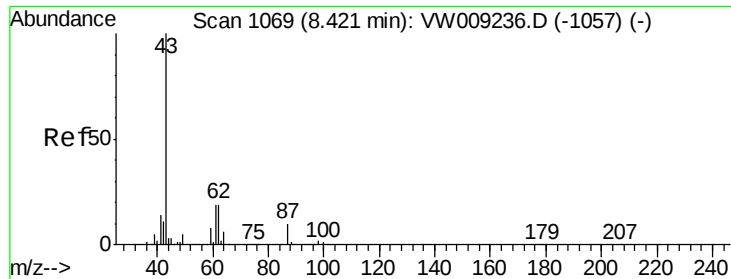
#42
1,2-Dichloroethane
Concen: 19.758 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:	62	Resp:	80619
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4



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

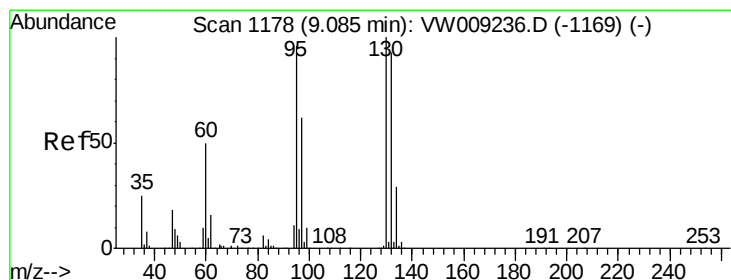
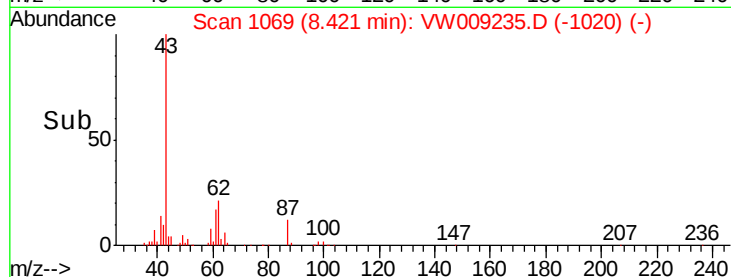
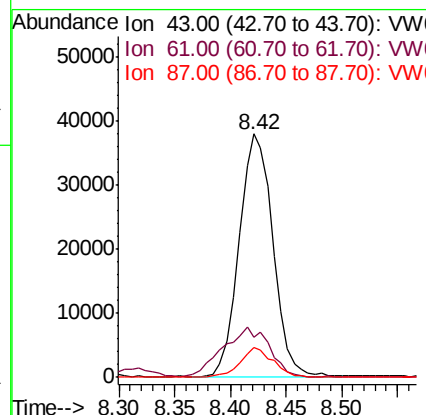
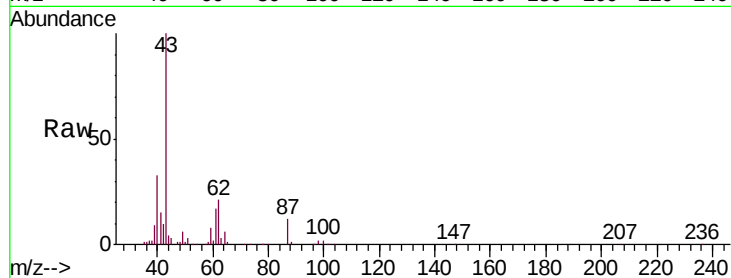




#43
Isopropyl Acetate
Concen: 18.930 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

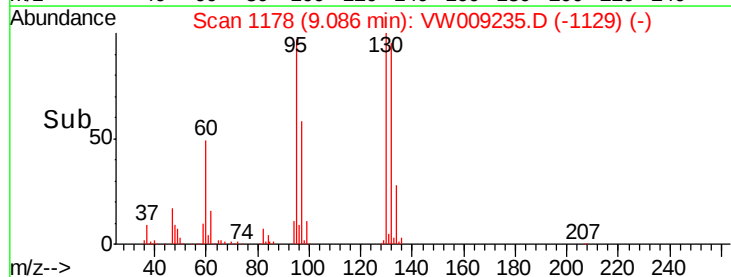
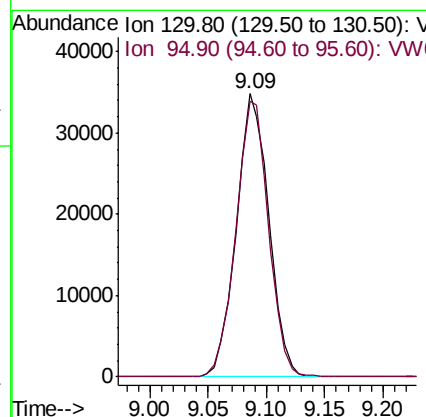
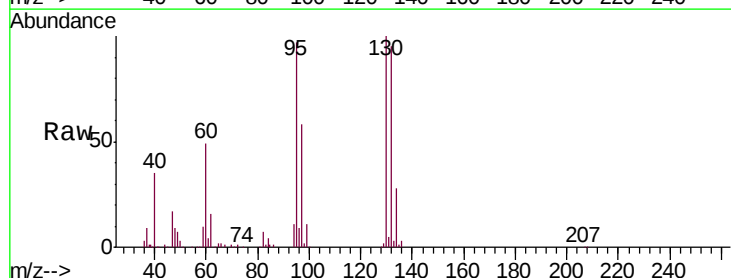
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

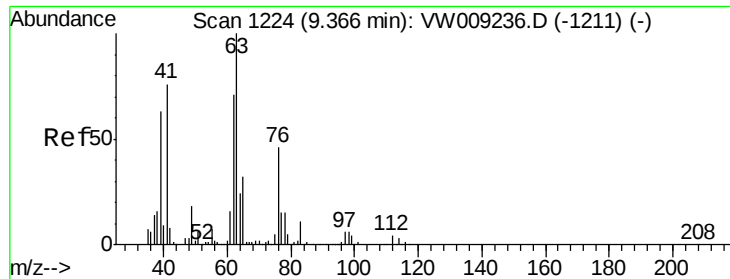
Tgt Ion: 43 Resp: 79616
Ion Ratio Lower Upper
43 100
61 28.0 22.2 33.2
87 11.8 9.6 14.4



#44
Trichloroethene
Concen: 19.758 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 130 Resp: 67560
Ion Ratio Lower Upper
130 100
95 97.4 0.0 192.6

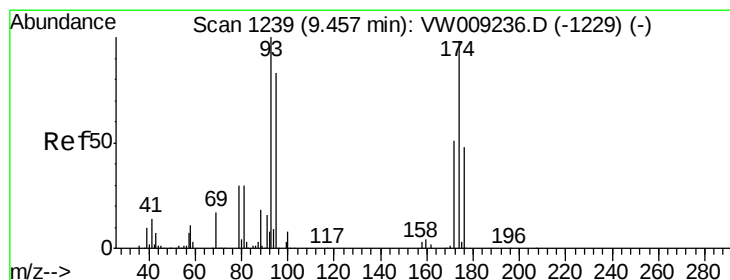
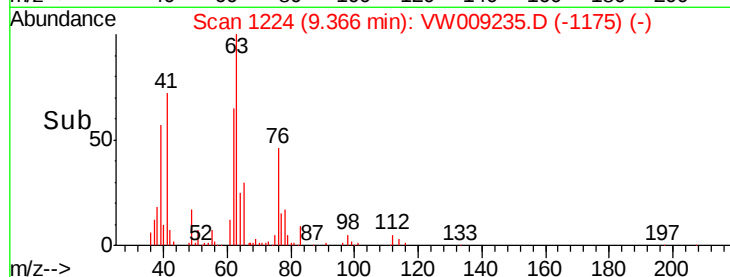
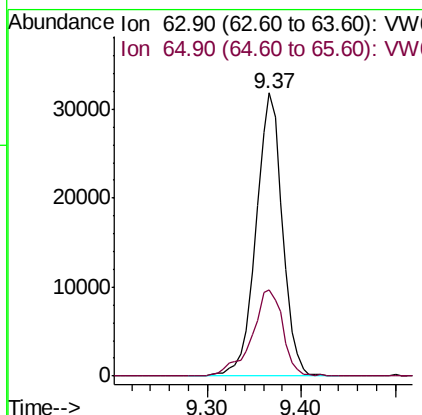
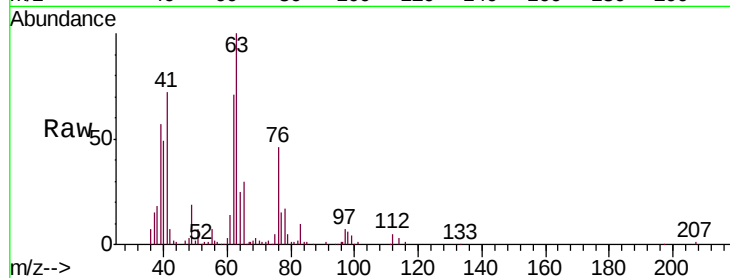




#45
 1,2-Dichloropropane
 Concen: 19.650 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

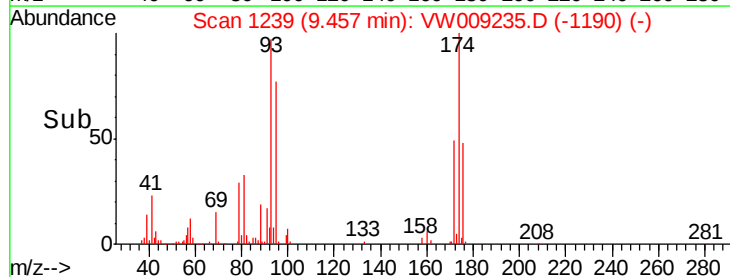
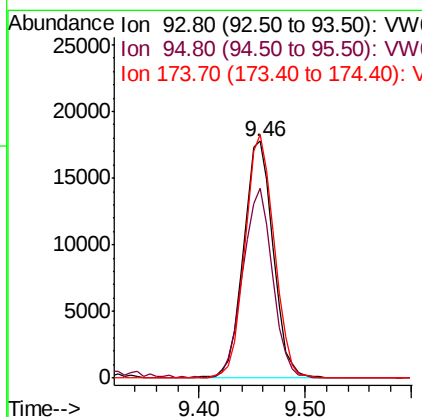
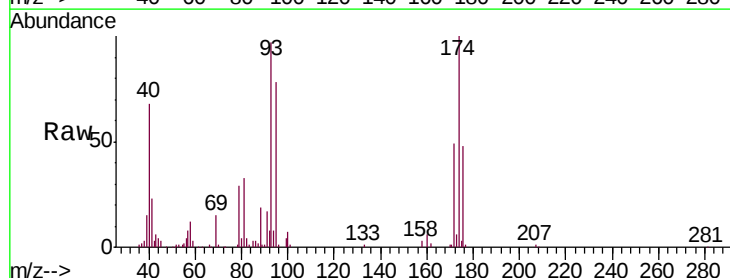
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

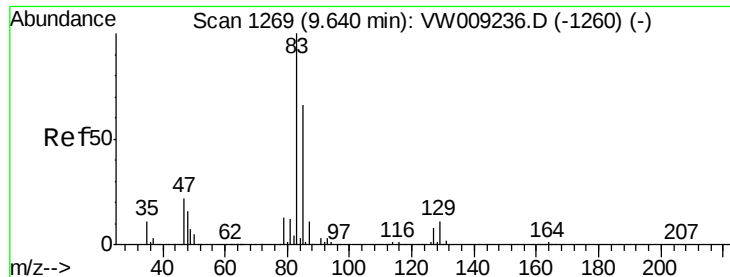
Tgt Ion: 63 Resp: 62350
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.8 38.8



#46
 Dibromomethane
 Concen: 20.018 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 93 Resp: 34929
 Ion Ratio Lower Upper
 93 100
 95 79.9 66.9 100.3
 174 100.7 80.8 121.2

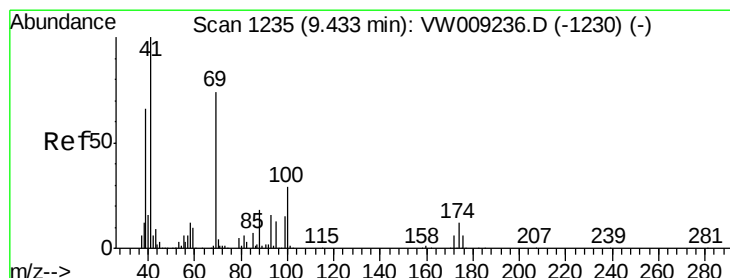
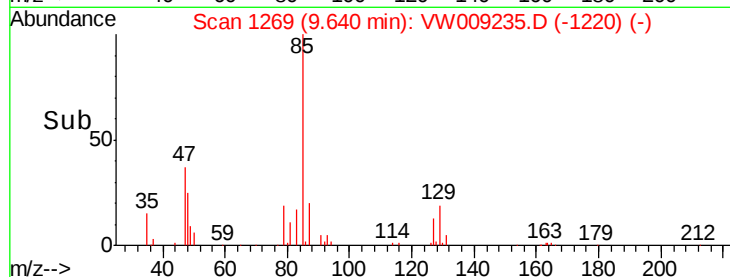
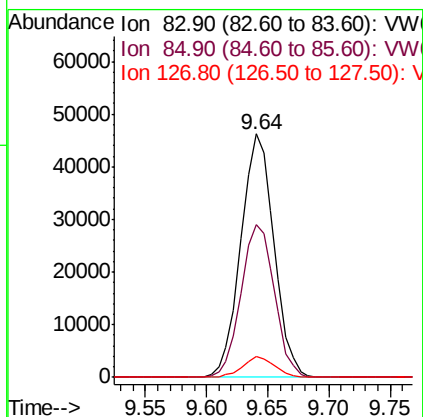
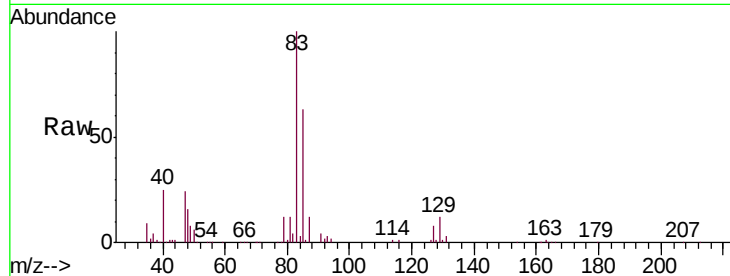




#47
Bromodichloromethane
Concen: 19.772 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

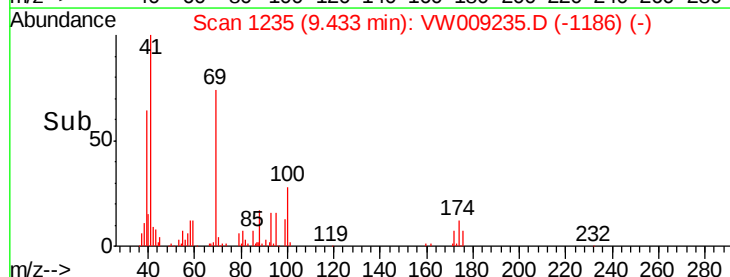
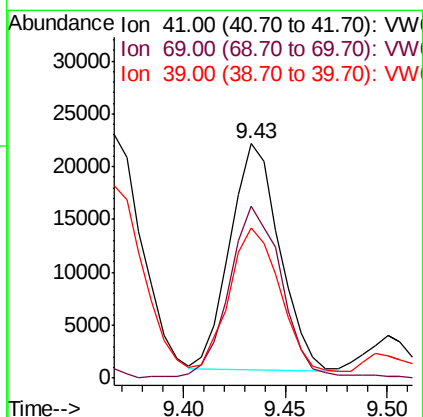
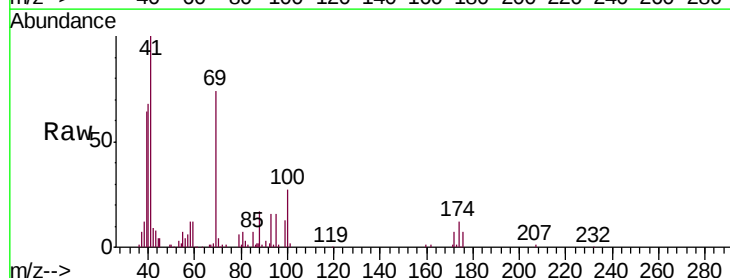
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

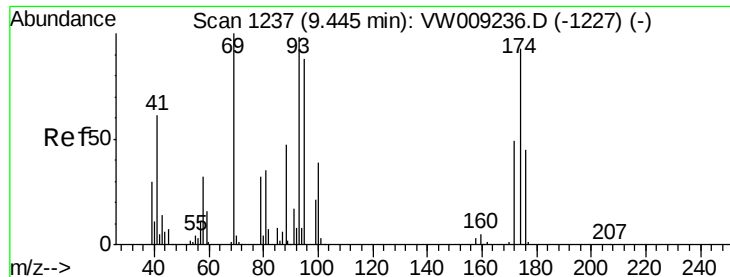
Tgt Ion: 83 Resp: 87182
Ion Ratio Lower Upper
83 100
85 62.9 52.6 79.0
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 18.602 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion: 41 Resp: 36222
Ion Ratio Lower Upper
41 100
69 81.4 63.0 94.6
39 63.7 57.2 85.8





#49

1,4-Dioxane

Concen: 408.731 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

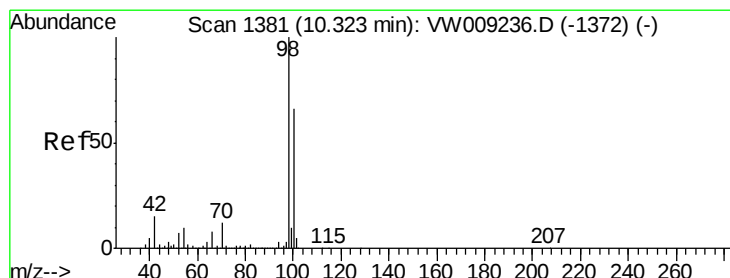
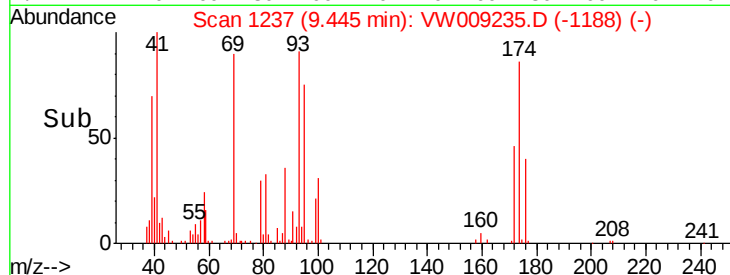
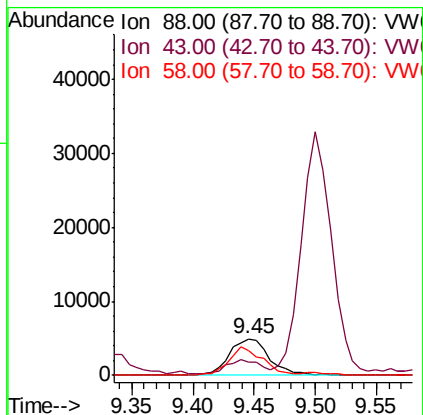
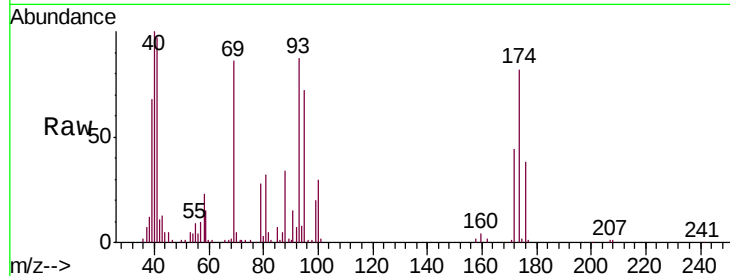
Tgt Ion: 88 Resp: 11062

Ion Ratio Lower Upper

88 100

43 34.8 29.7 44.5

58 68.2 58.1 87.1



#50

Toluene-d8

Concen: 19.402 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009235.D

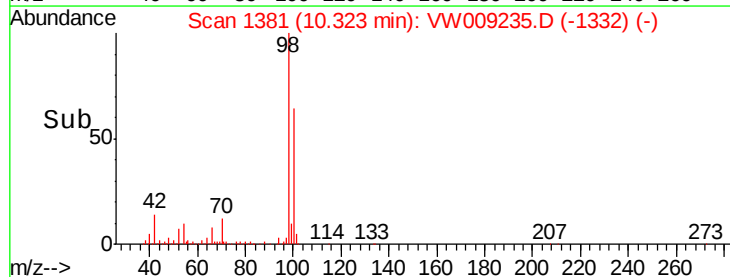
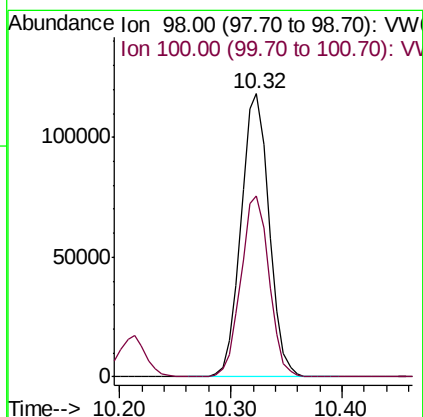
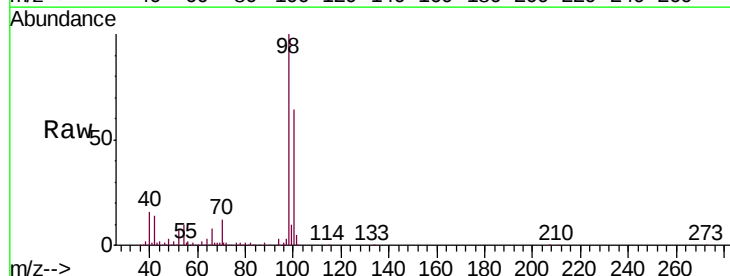
Acq: 19 Mar 2019 11:51

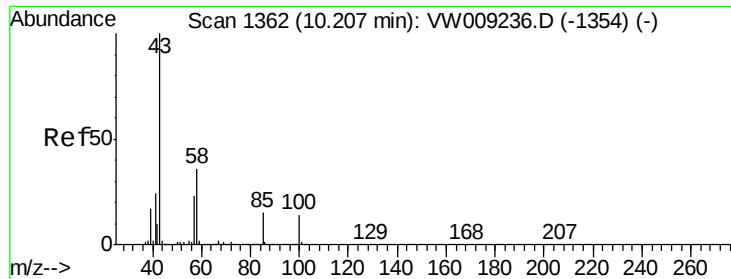
Tgt Ion: 98 Resp: 206893

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 94.216 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampled :

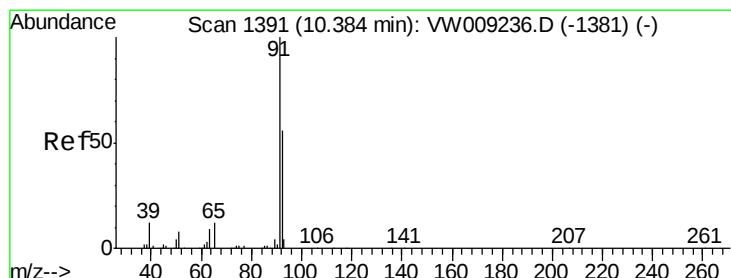
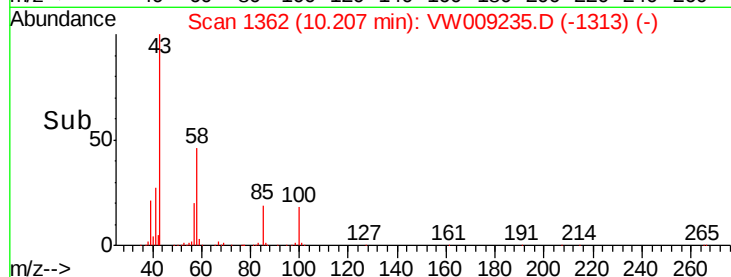
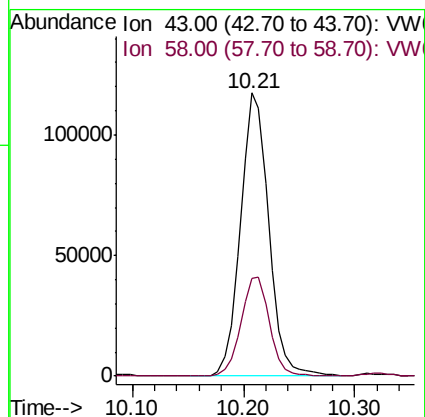
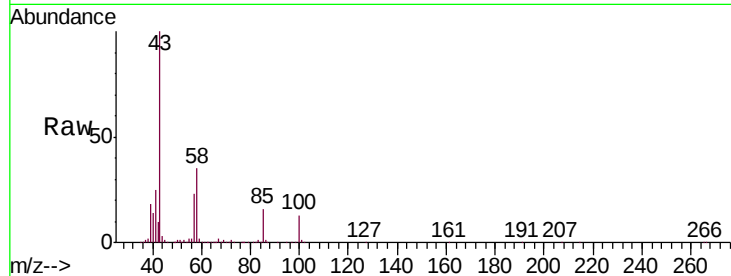
VSTDIC020

Tgt Ion: 43 Resp: 206513

Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8



#52

Toluene

Concen: 20.274 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009235.D

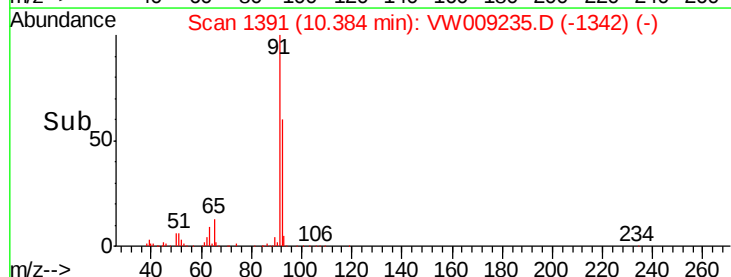
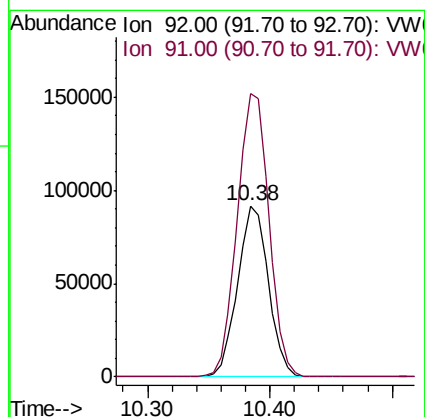
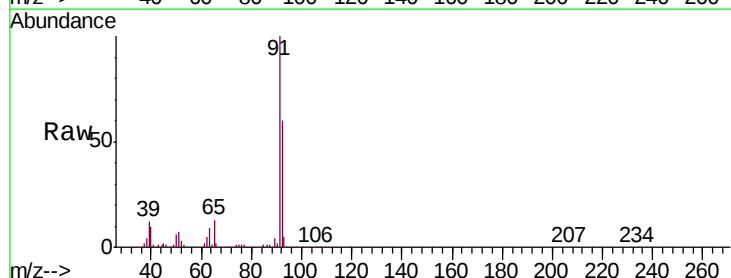
Acq: 19 Mar 2019 11:51

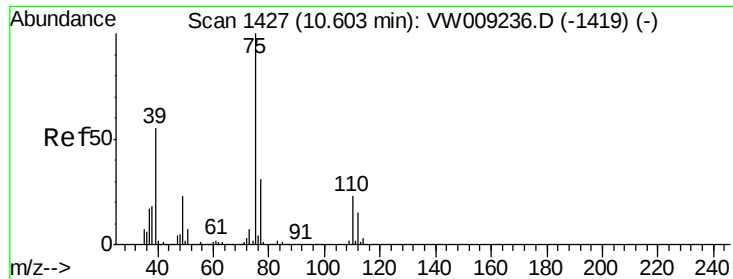
Tgt Ion: 92 Resp: 160348

Ion Ratio Lower Upper

92 100

91 170.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.766 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampled :

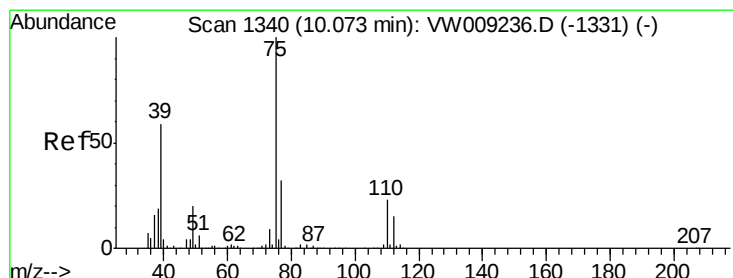
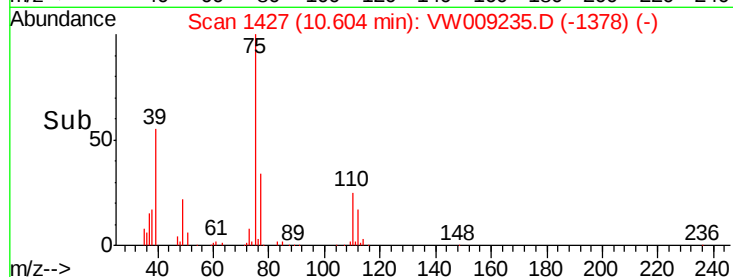
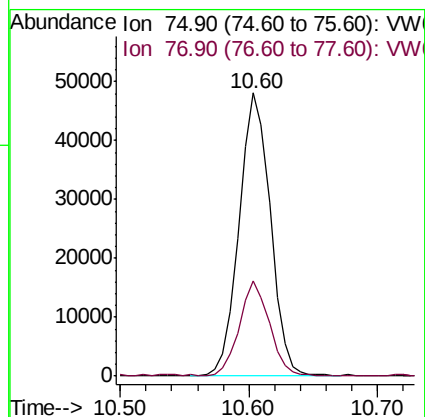
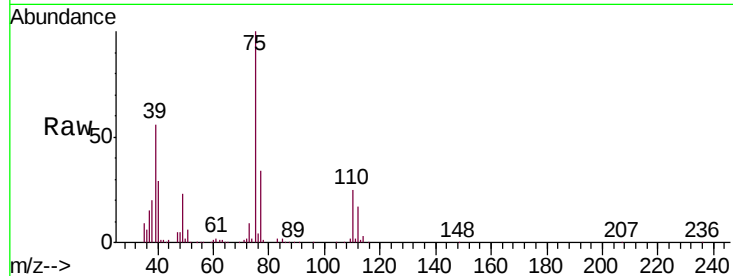
VSTDIC020

Tgt Ion: 75 Resp: 80691

Ion Ratio Lower Upper

75 100

77 33.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.334 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

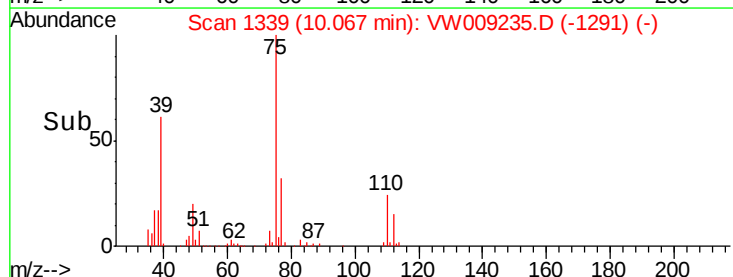
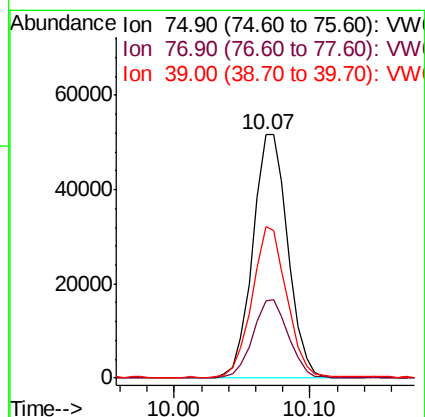
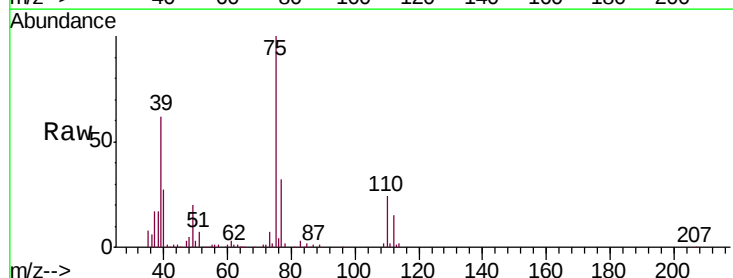
Tgt Ion: 75 Resp: 93524

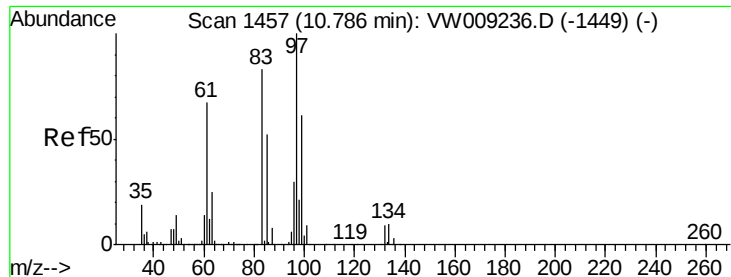
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

39 61.6 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 19.828 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 46849

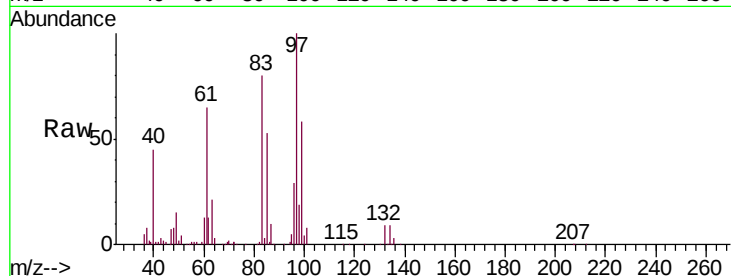
Ion Ratio Lower Upper

97 100

83 80.4 66.3 99.5

85 53.3 41.4 62.2

99 57.7 48.7 73.1

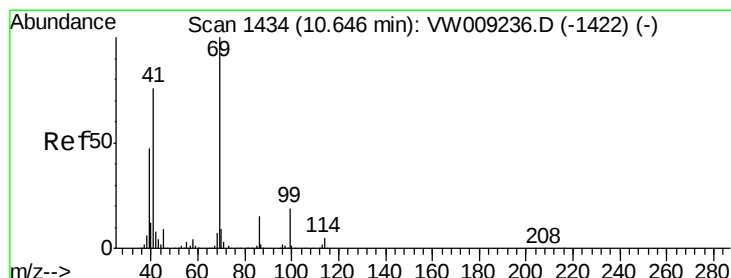
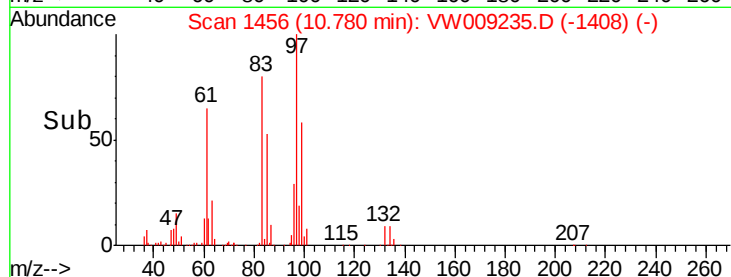
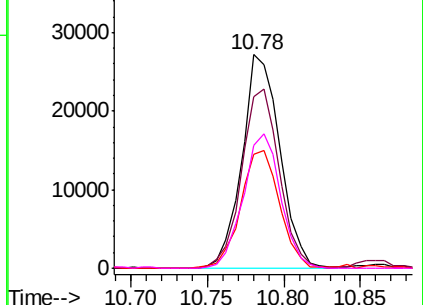


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 18.580 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

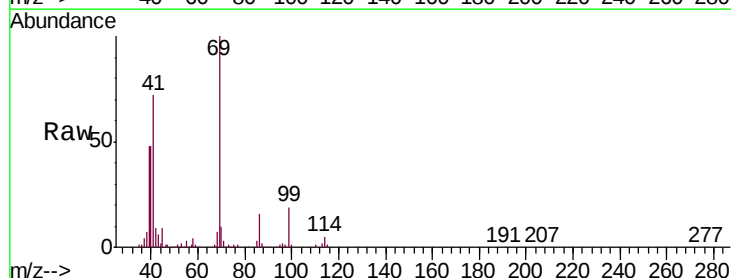
Tgt Ion: 69 Resp: 52272

Ion Ratio Lower Upper

69 100

41 75.3 59.3 88.9

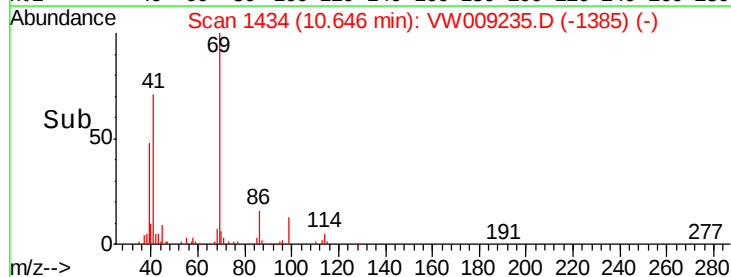
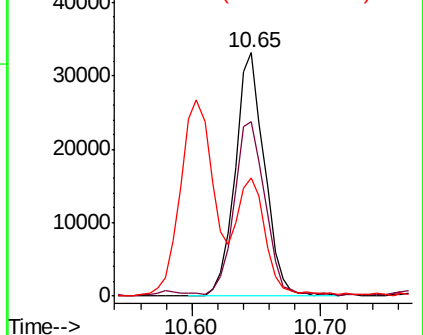
39 46.0 36.2 54.2

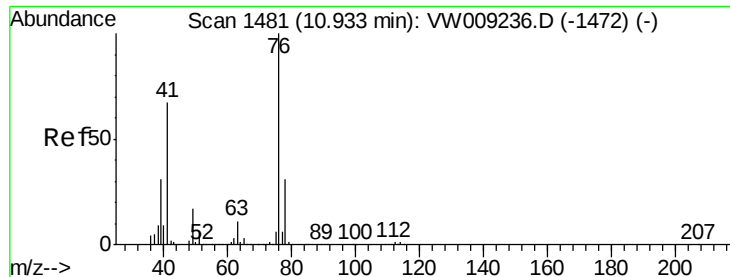


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

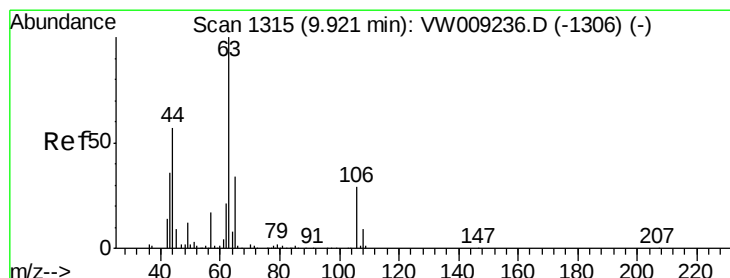
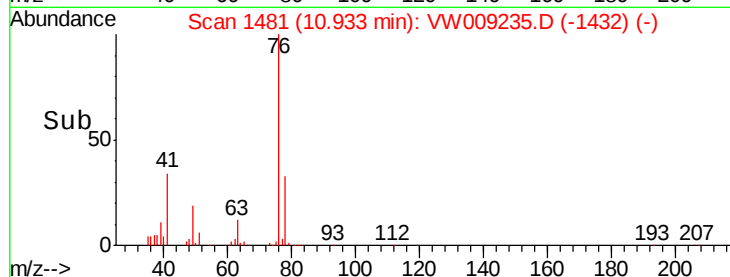
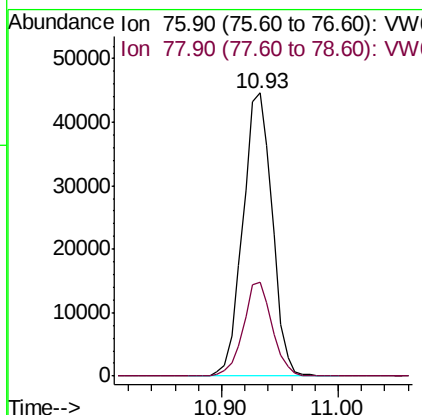
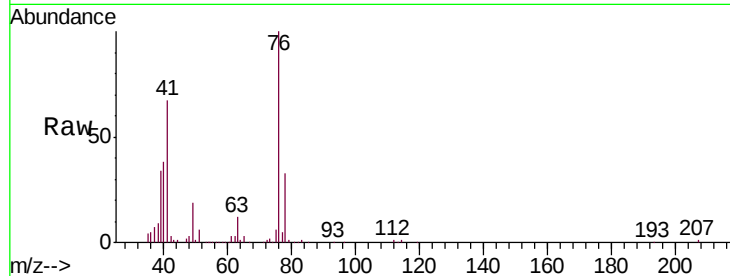




#57
 1,3-Dichloropropane
 Concen: 19.289 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

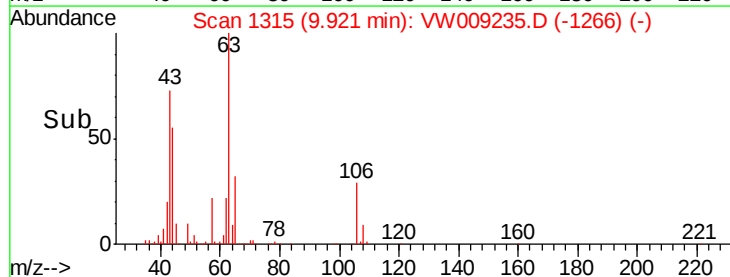
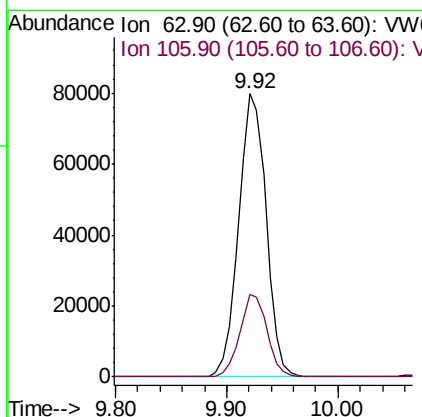
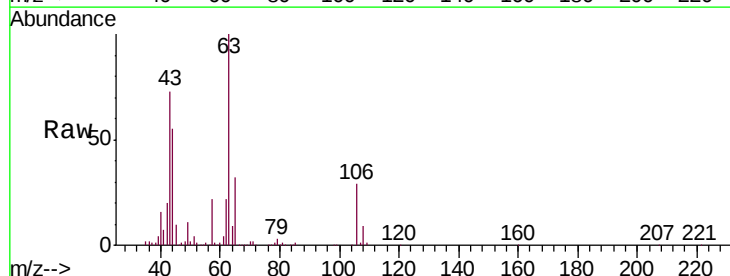
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

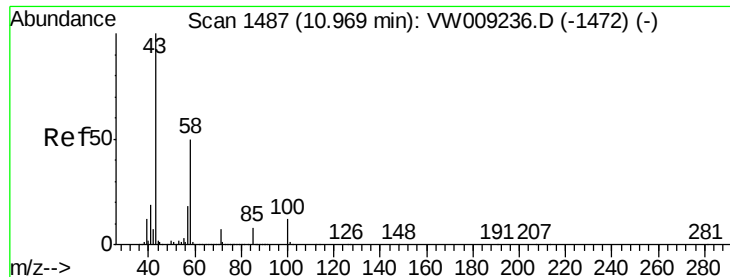
Tgt Ion: 76 Resp: 78606
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 165.966 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 63 Resp: 136623
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.9 34.3





#59

2-Hexanone

Concen: 93.328 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

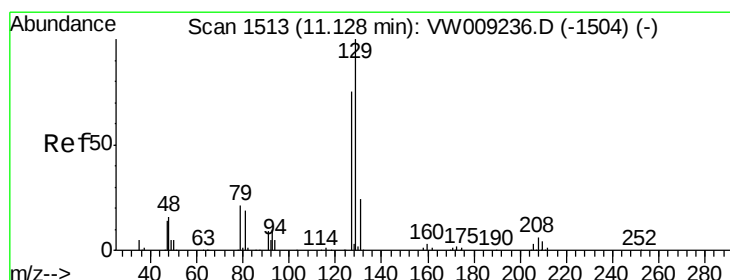
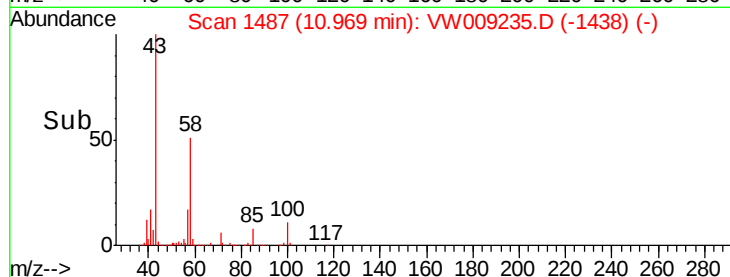
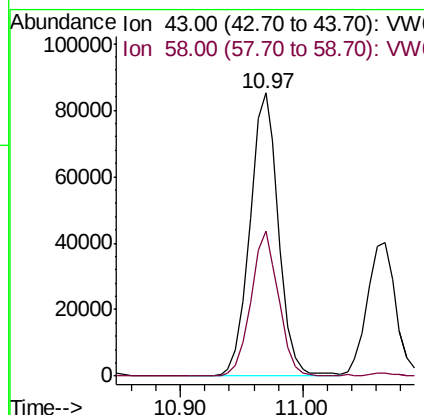
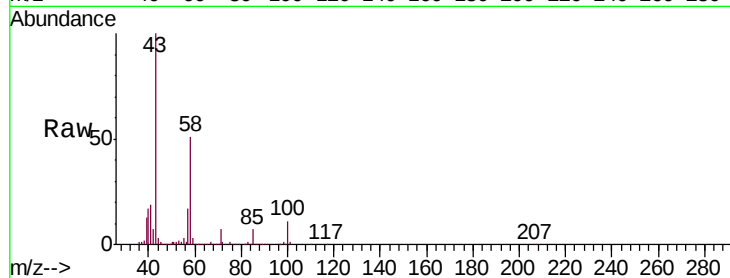
VSTDIC020

Tgt Ion: 43 Resp: 138881

Ion Ratio Lower Upper

43 100

58 49.4 24.2 72.6



#60

Dibromochloromethane

Concen: 19.205 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009235.D

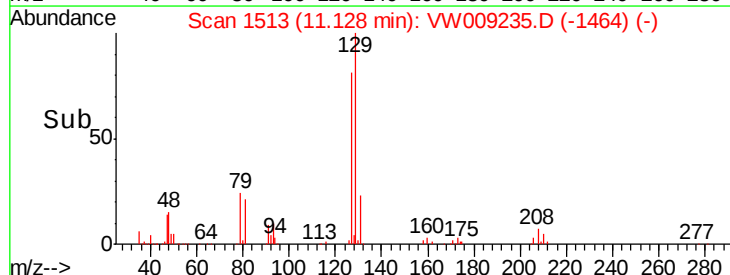
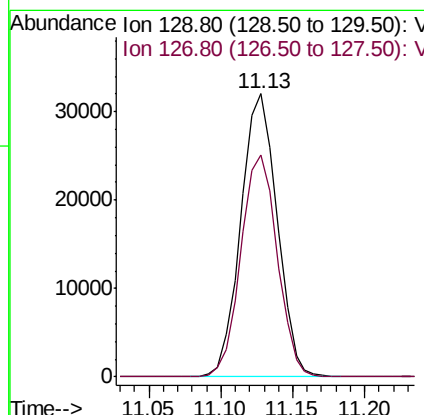
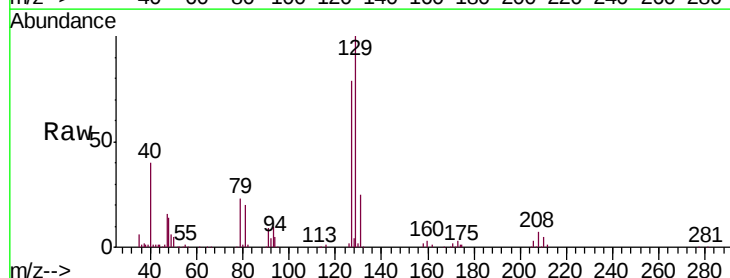
Acq: 19 Mar 2019 11:51

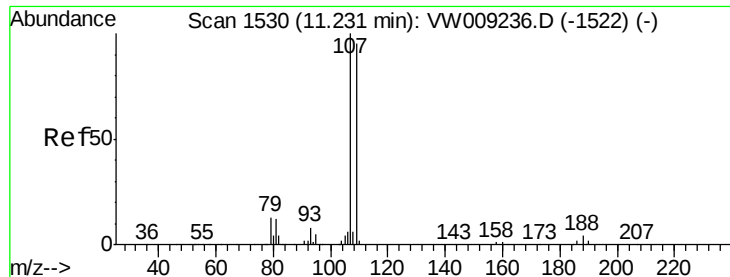
Tgt Ion: 129 Resp: 56062

Ion Ratio Lower Upper

129 100

127 78.5 38.1 114.5

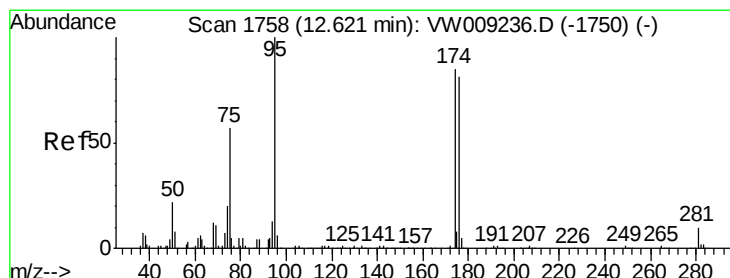
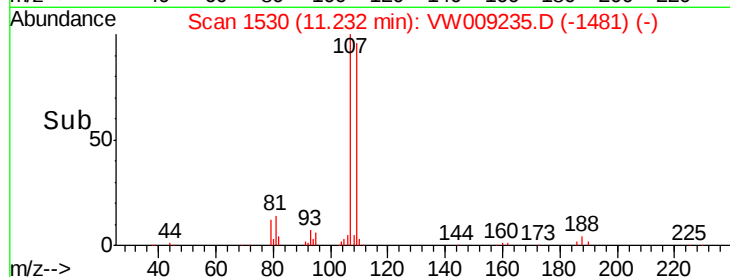
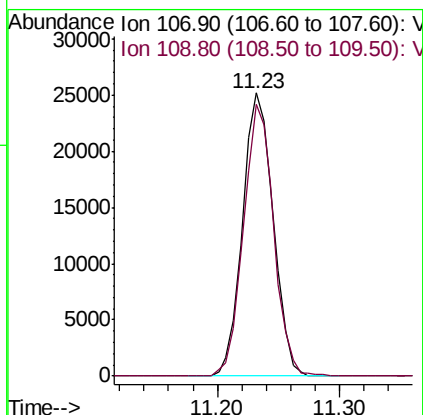
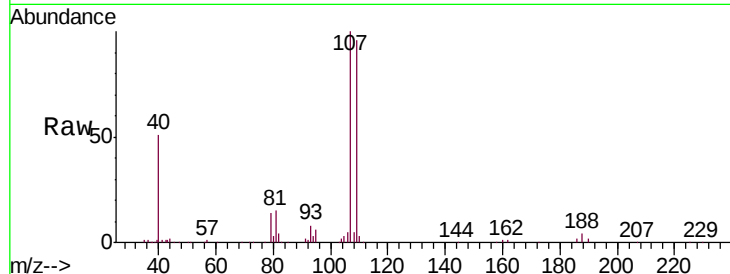




#61
 1,2-Dibromoethane
 Concen: 19.470 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

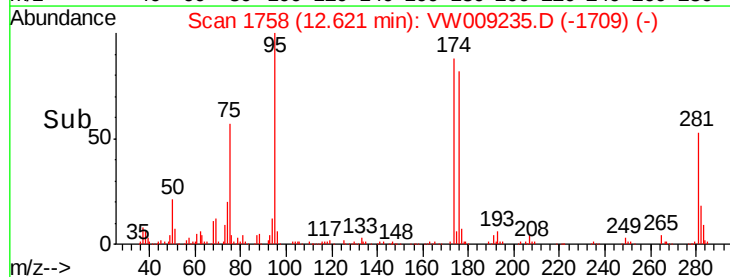
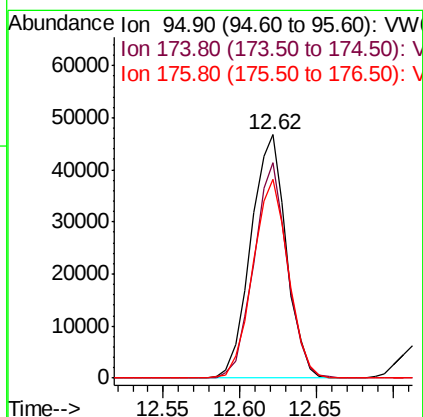
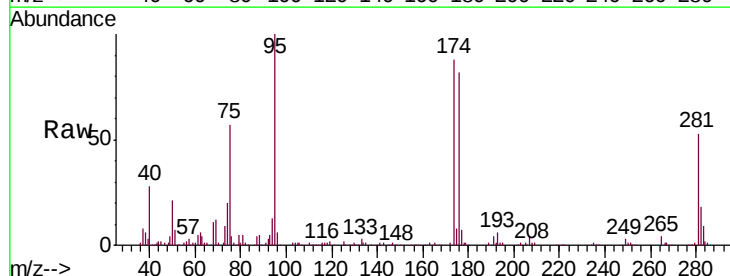
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

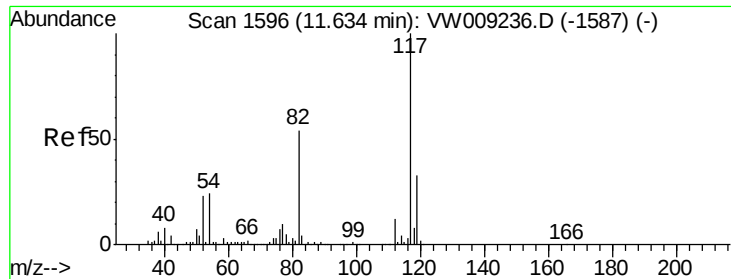
Tgt Ion: 107 Resp: 43814
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 19.195 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 95 Resp: 75151
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 168.4
 176 81.9 0.0 161.6

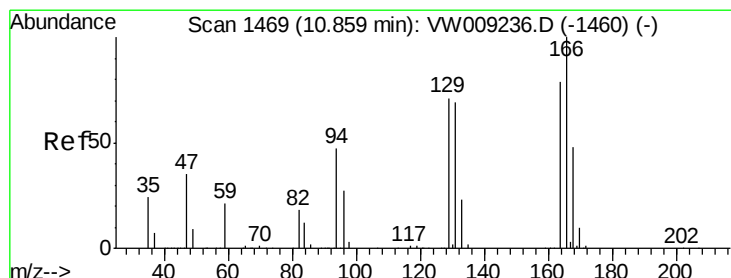
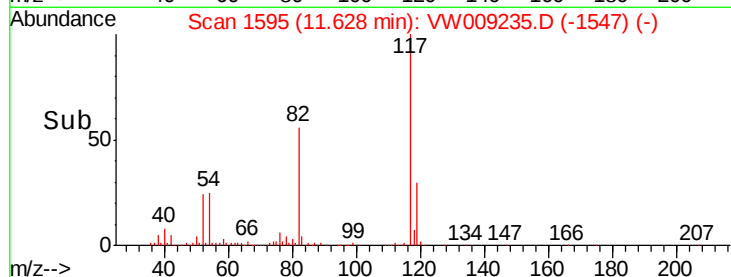
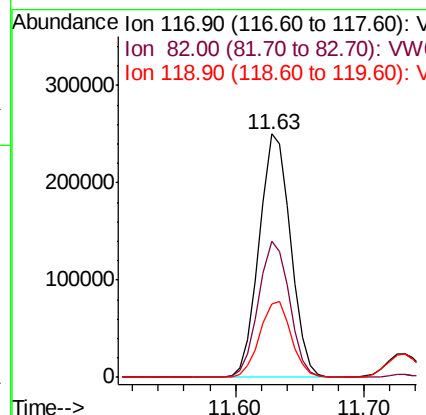
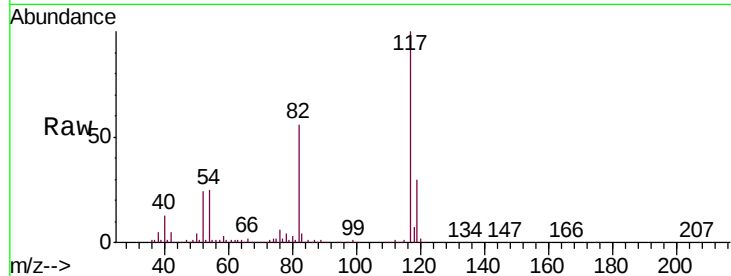




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

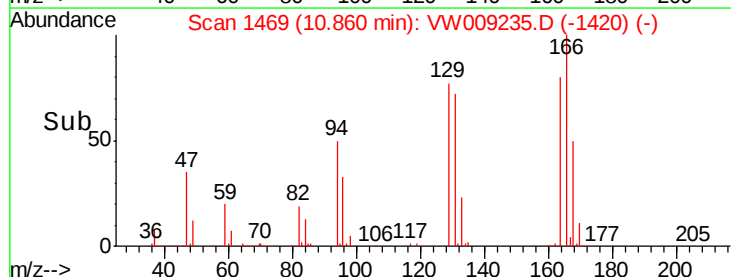
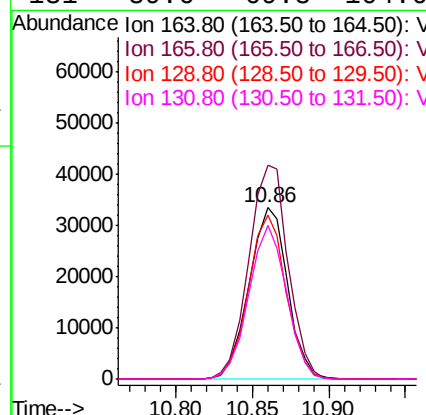
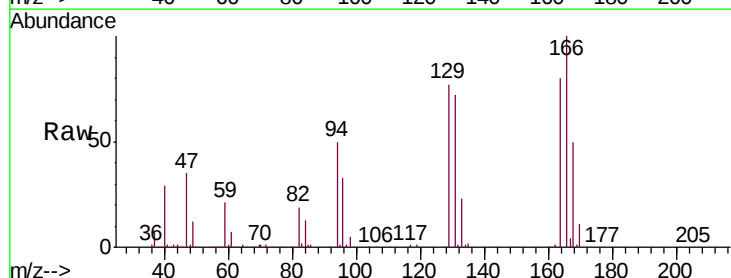
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

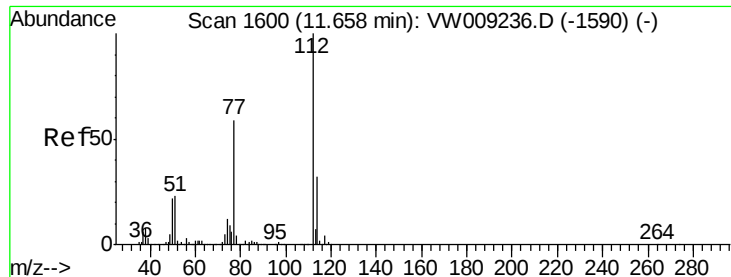
Tgt Ion:117 Resp: 420869
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 30.3 26.0 39.0



#64
Tetrachloroethene
Concen: 20.314 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:164 Resp: 58551
Ion Ratio Lower Upper
164 100
166 124.7 100.9 151.3
129 95.8 72.0 108.0
131 89.6 69.8 104.6

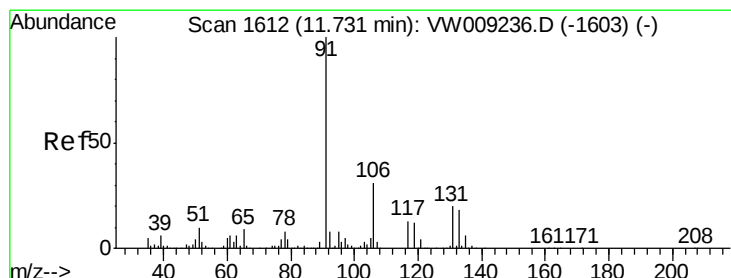
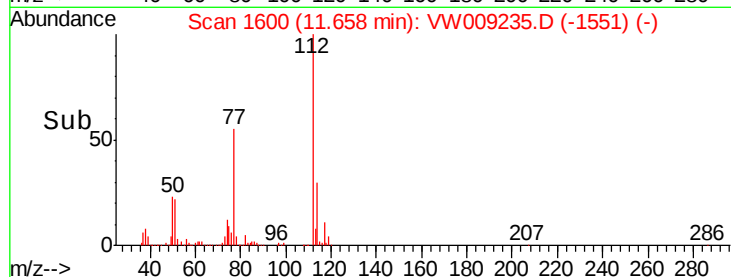
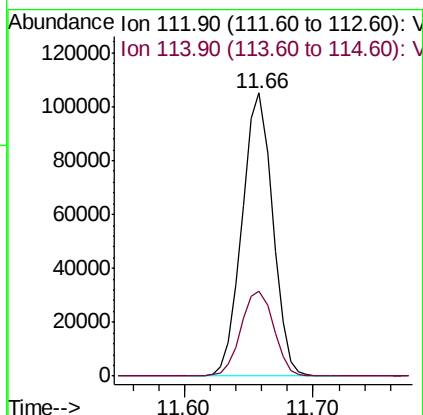
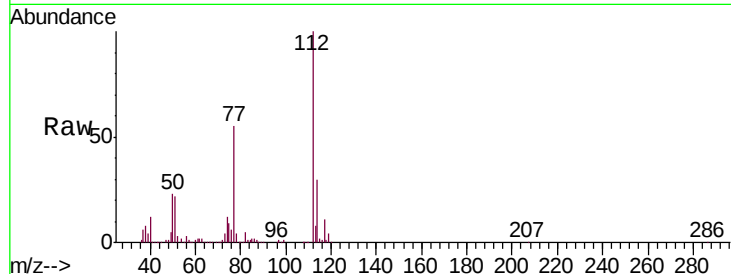




#65
Chlorobenzene
Concen: 19.870 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

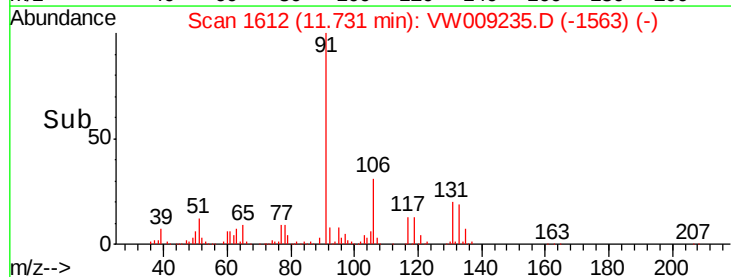
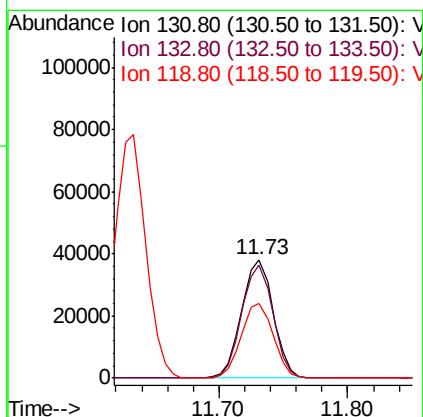
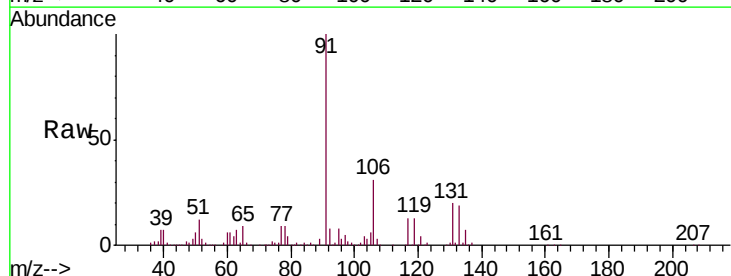
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

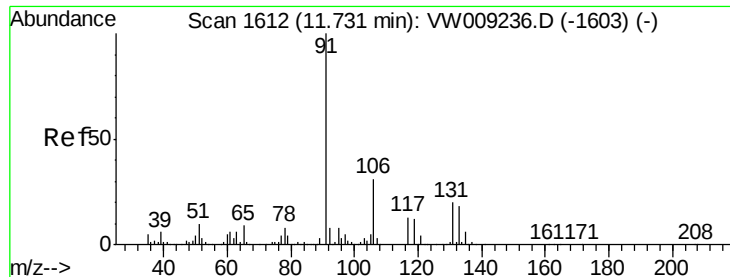
Tgt Ion:112 Resp: 172947
Ion Ratio Lower Upper
112 100
114 30.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.962 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:131 Resp: 64899
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.8
119 63.9 31.6 95.0





#67

Ethyl Benzene

Concen: 19.792 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

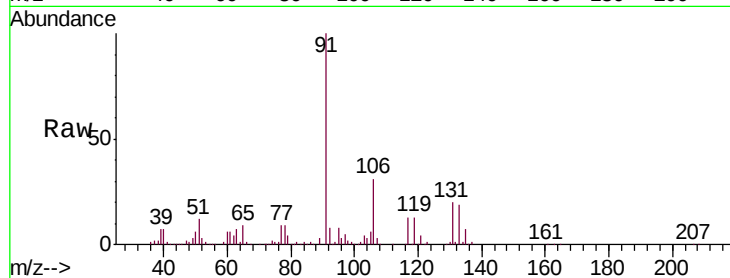
VSTDIC020

Tgt Ion: 91 Resp: 298381

Ion Ratio Lower Upper

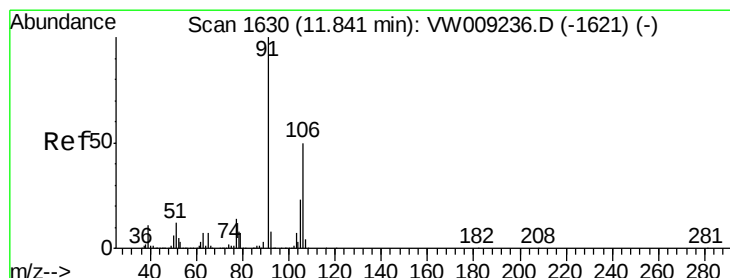
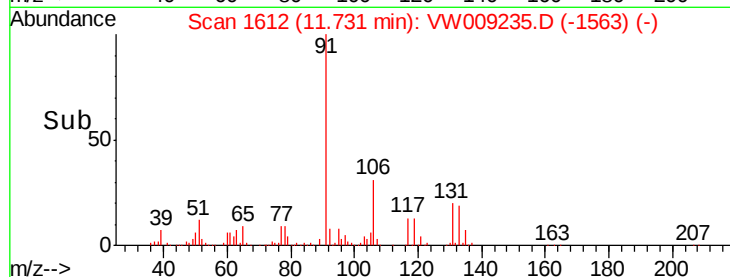
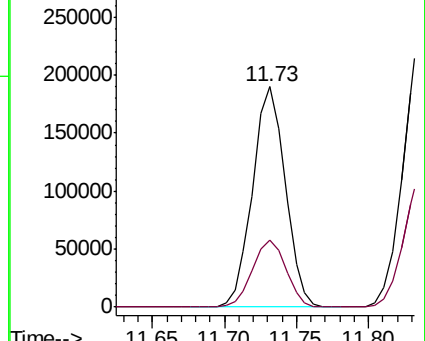
91 100

106 30.5 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): VW



#68

m/p-Xylenes

Concen: 40.026 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009235.D

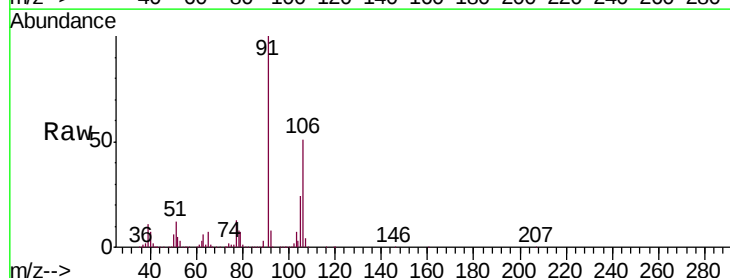
Acq: 19 Mar 2019 11:51

Tgt Ion: 106 Resp: 233892

Ion Ratio Lower Upper

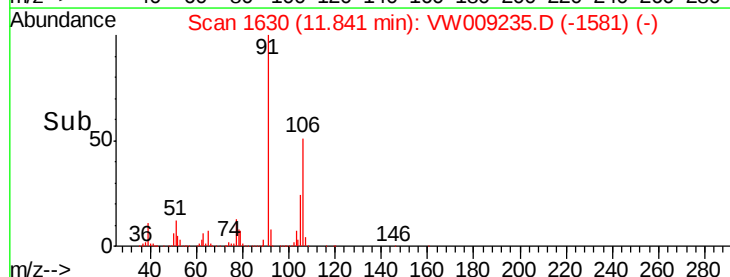
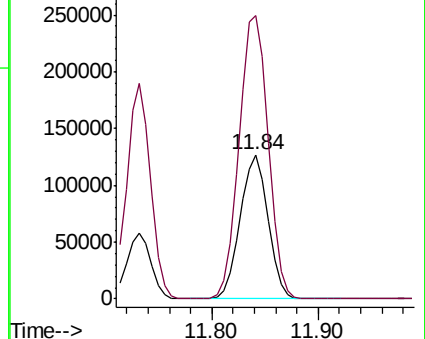
106 100

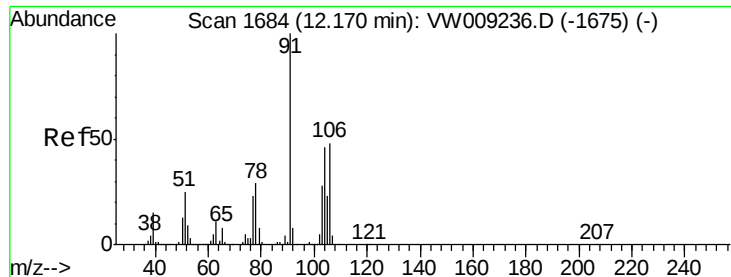
91 204.7 163.1 244.7



Abundance Ion 106.00 (105.70 to 106.70): VW

Ion 91.00 (90.70 to 91.70): VW

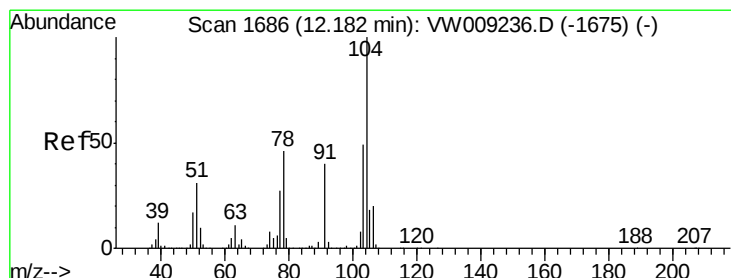
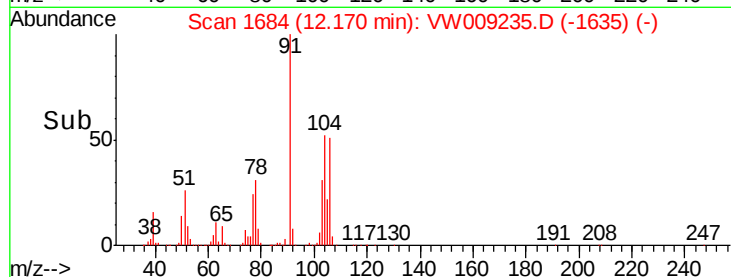
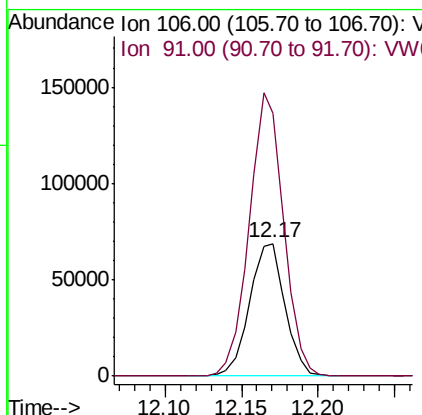
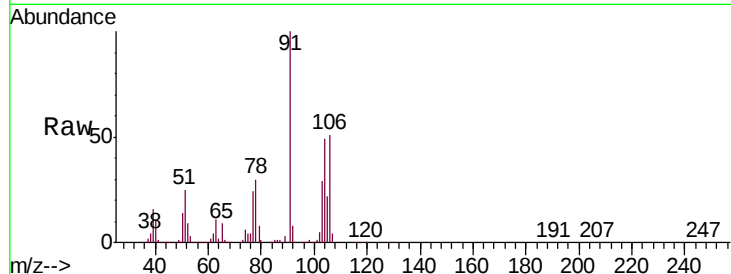




#69
o-Xylene
Concen: 20.349 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

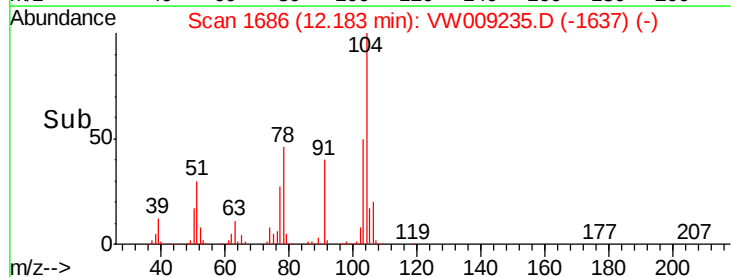
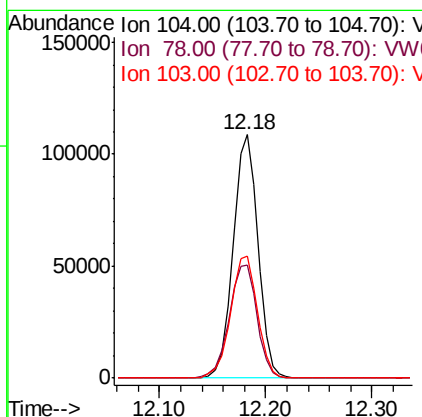
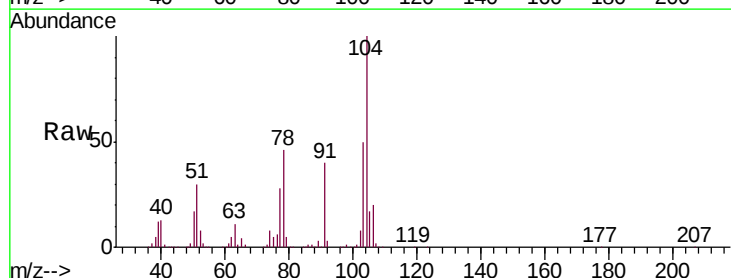
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

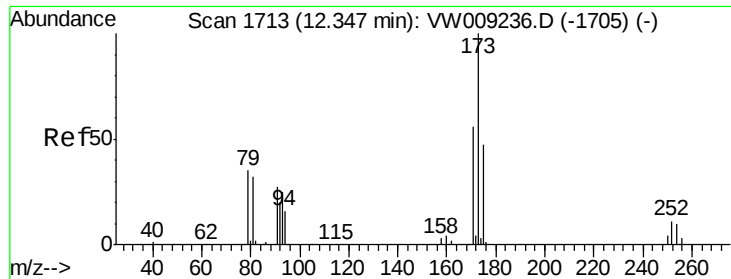
Tgt Ion:106 Resp: 110422
Ion Ratio Lower Upper
106 100
91 208.3 108.6 325.8



#70
Styrene
Concen: 19.886 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:104 Resp: 177919
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 54.5 44.6 66.8

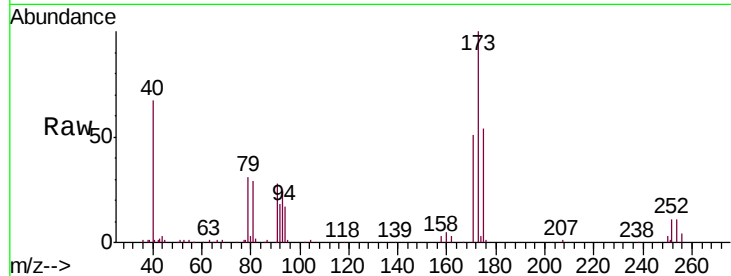




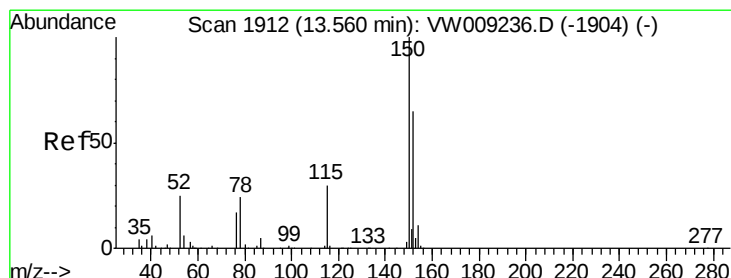
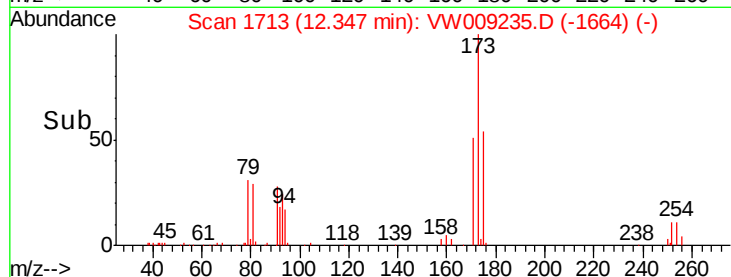
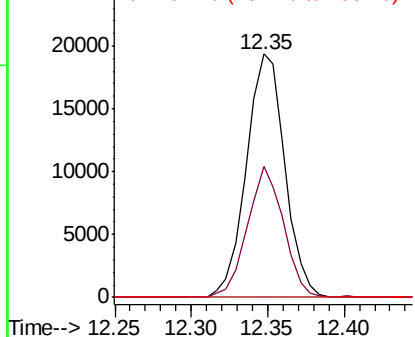
#71
Bromoform
Concen: 19.034 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 33801
Ion Ratio Lower Upper
173 100
175 50.8 24.1 72.4
254 0.1 0.2 0.4#

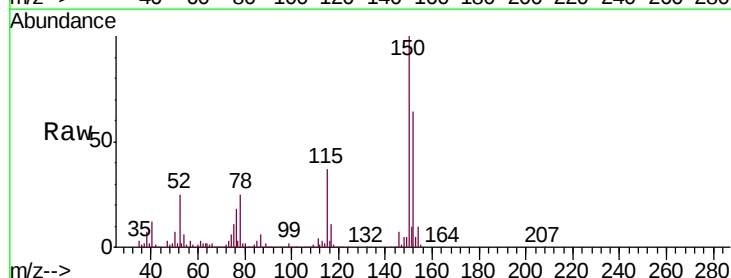


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

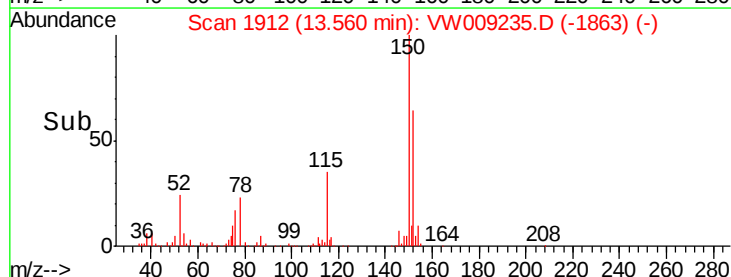
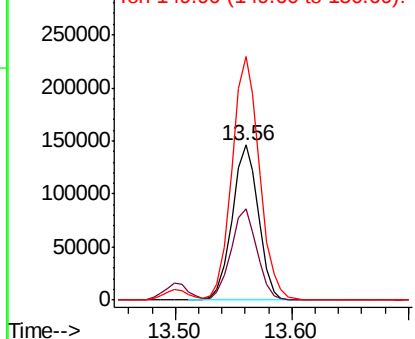


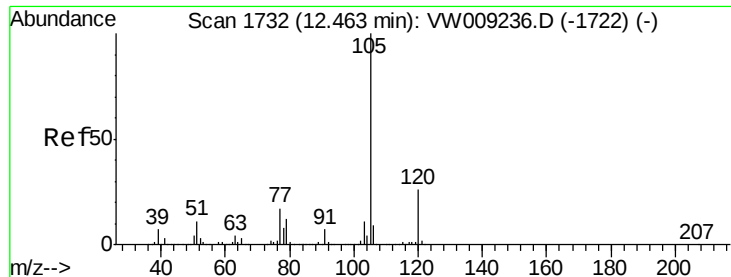
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:152 Resp: 228972
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.8
150 164.2 0.0 349.2



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





#73

Isopropylbenzene

Concen: 19.886 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

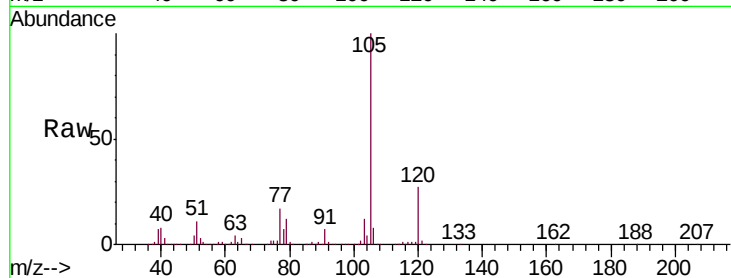
VSTDIC020

Tgt Ion:105 Resp: 304345

Ion Ratio Lower Upper

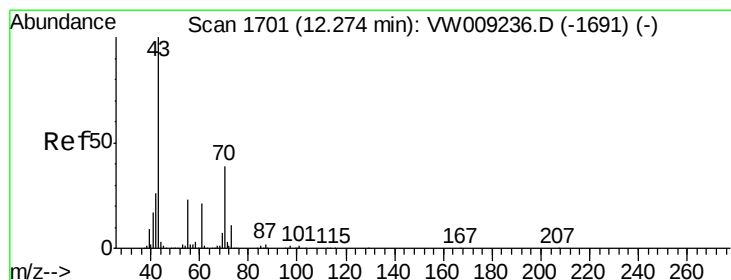
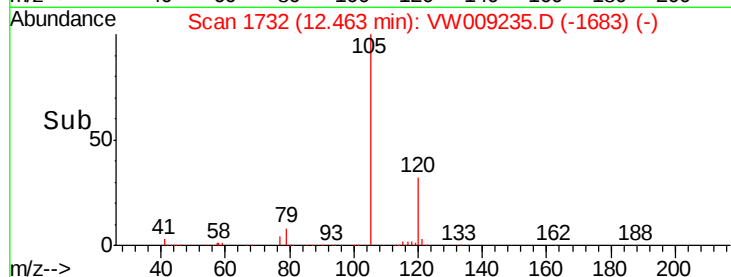
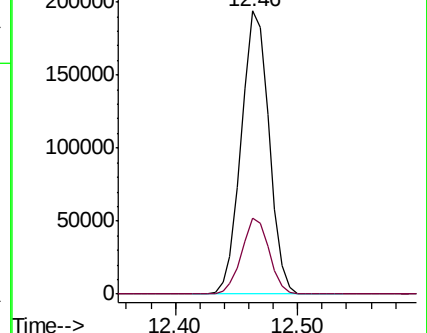
105 100

120 26.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.339 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Tgt Ion: 43 Resp: 73210

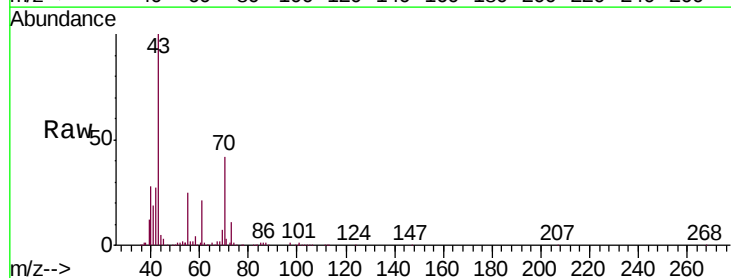
Ion Ratio Lower Upper

43 100

70 40.0 30.6 46.0

55 26.6 19.3 28.9

61 21.8 17.0 25.4

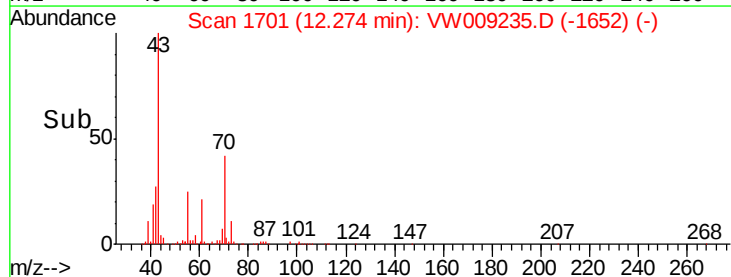
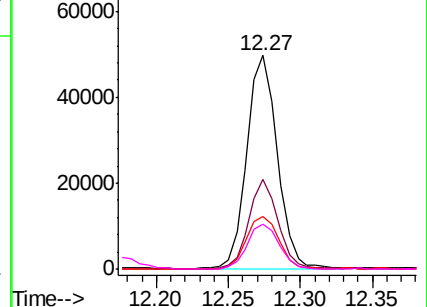


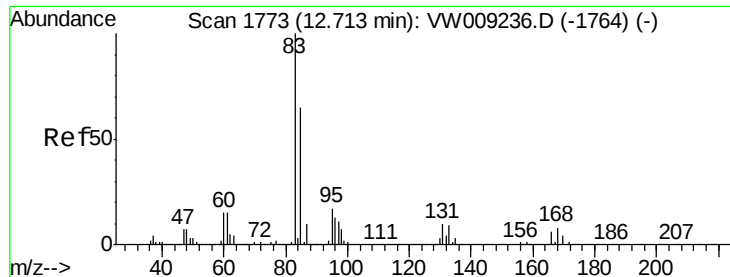
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 18.916 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

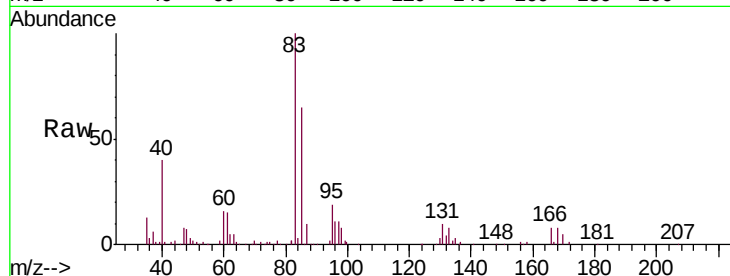
Tgt Ion: 83 Resp: 54152

Ion Ratio Lower Upper

83 100

131 11.7 5.3 16.1

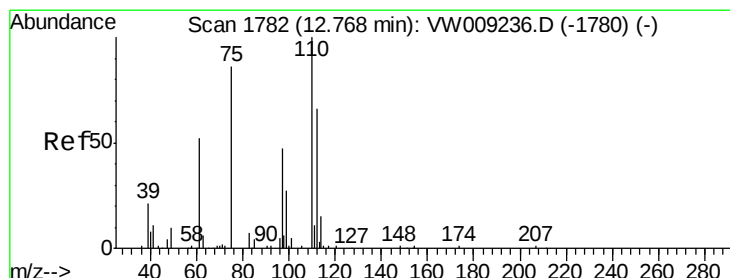
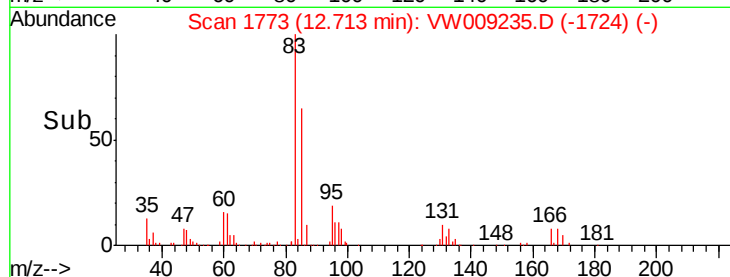
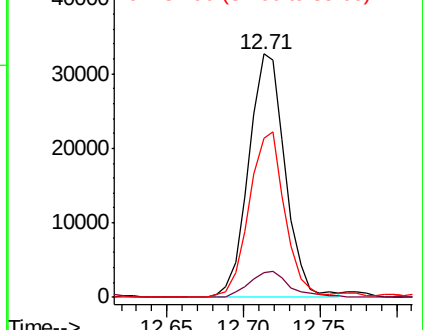
85 66.6 32.6 97.8



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: 31.253 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009235.D

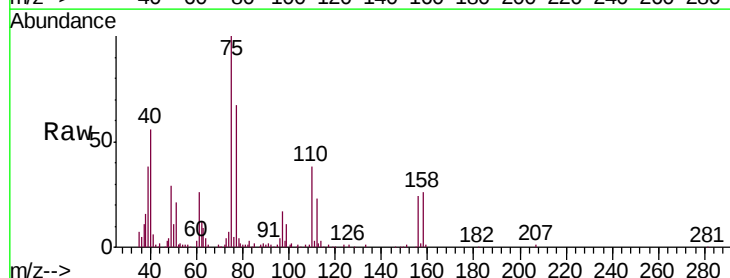
Acq: 19 Mar 2019 11:51

Tgt Ion: 75 Resp: 72354

Ion Ratio Lower Upper

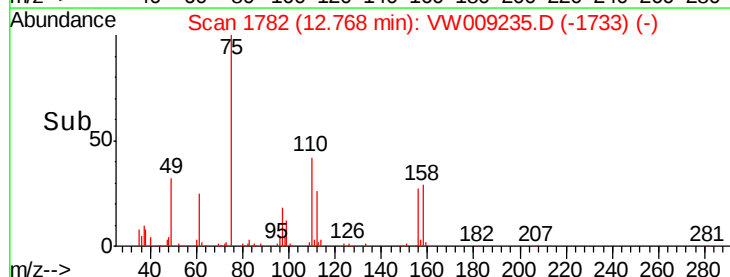
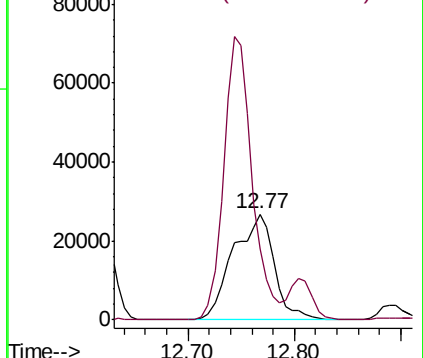
75 100

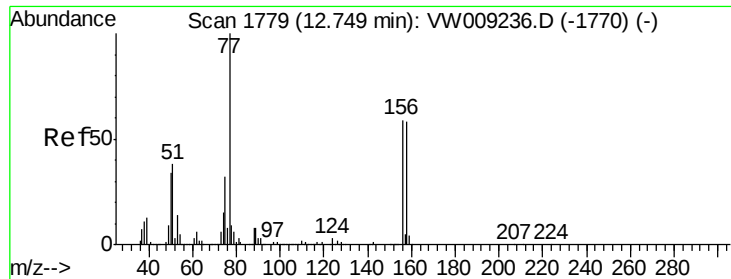
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.719 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

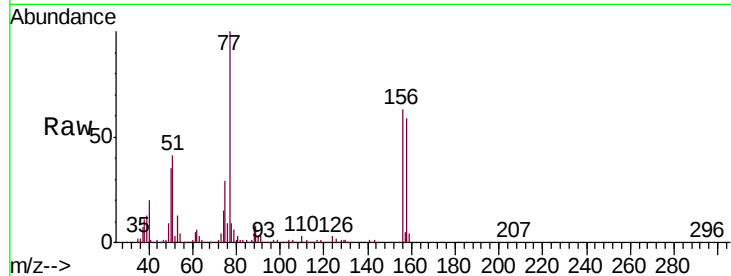
Tgt Ion:156 Resp: 71482

Ion Ratio Lower Upper

156 100

77 186.8 96.0 288.0

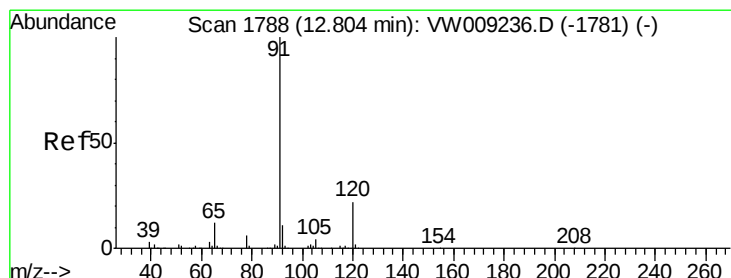
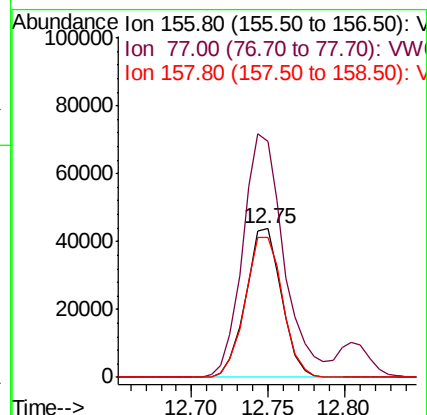
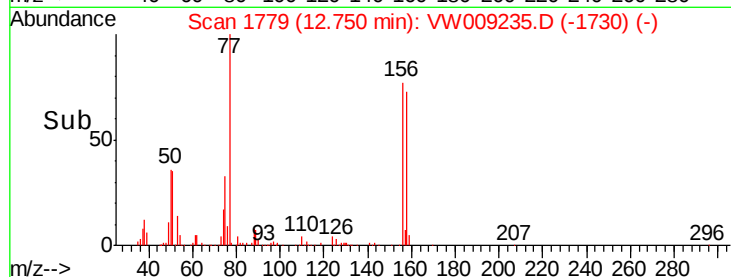
158 98.3 49.1 147.3



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: 19.767 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009235.D

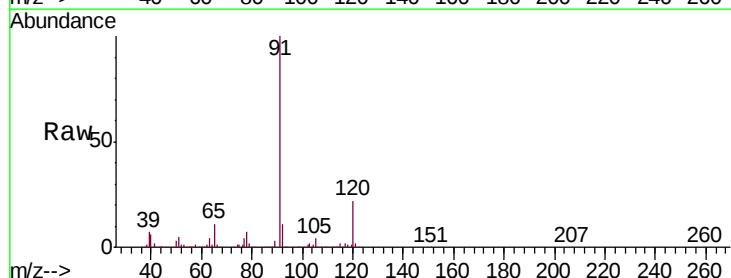
Acq: 19 Mar 2019 11:51

Tgt Ion: 91 Resp: 371545

Ion Ratio Lower Upper

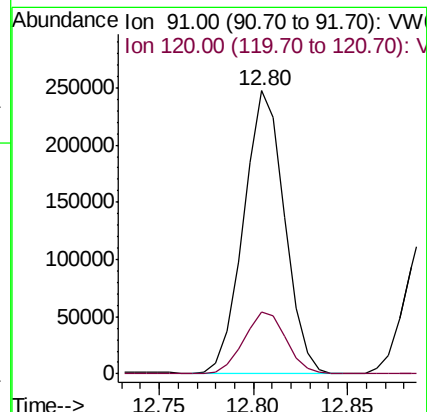
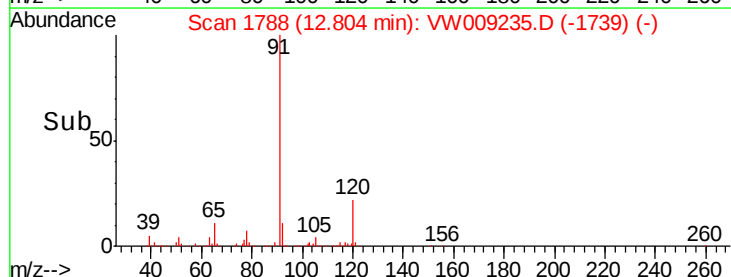
91 100

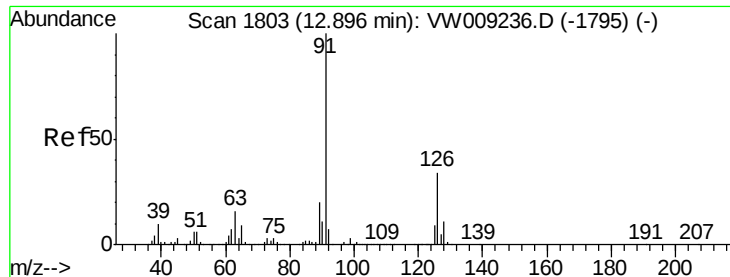
120 22.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

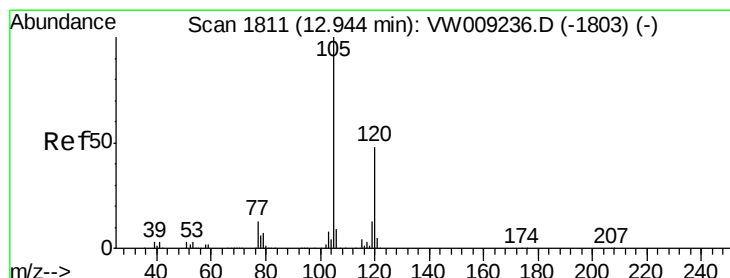
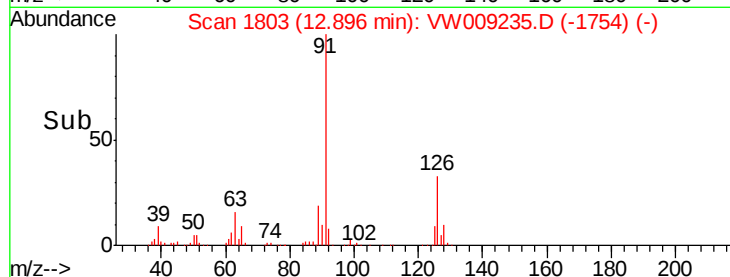
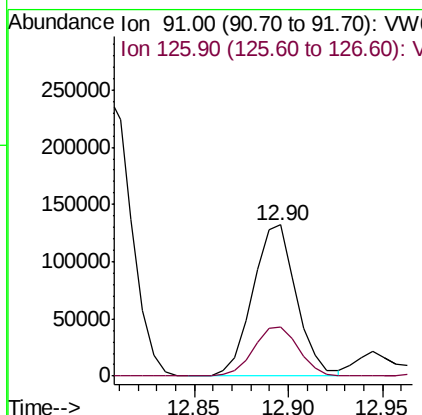
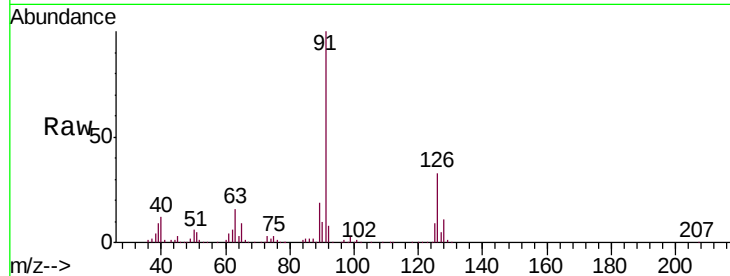




#79
 2-Chlorotoluene
 Concen: 19.777 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

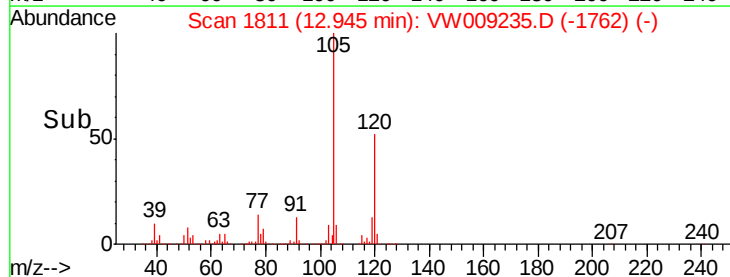
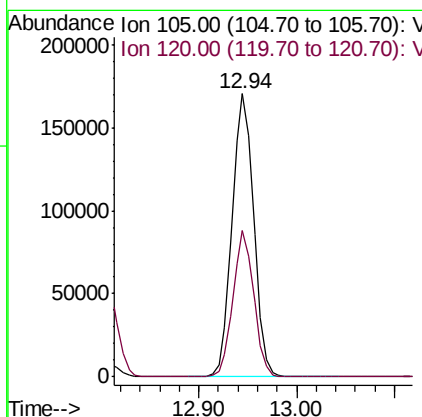
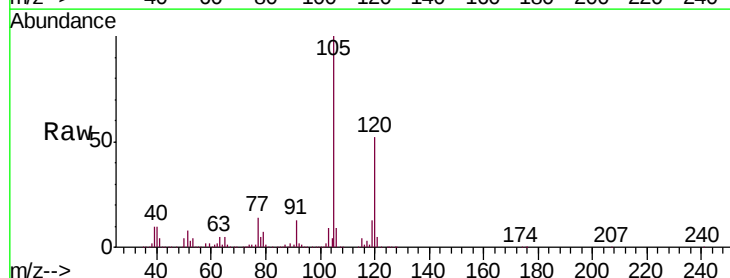
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

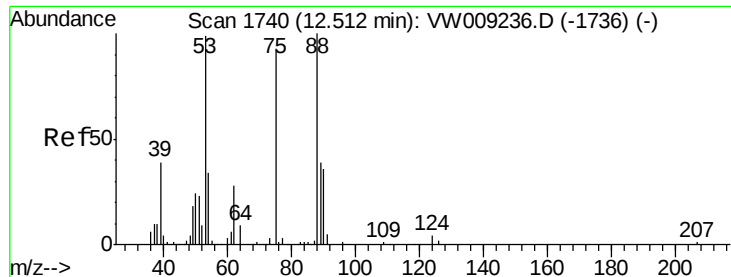
Tgt Ion: 91 Resp: 211172
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.104 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion: 105 Resp: 261654
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.352 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

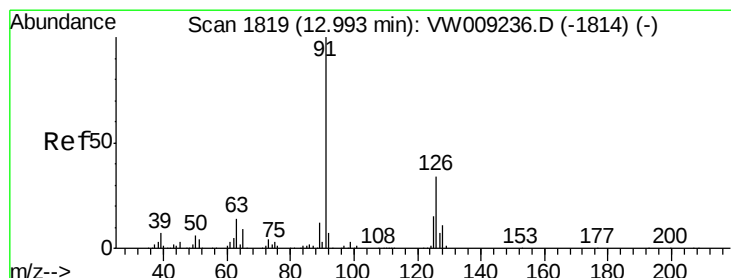
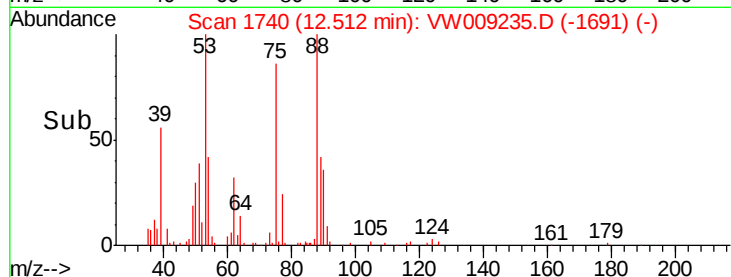
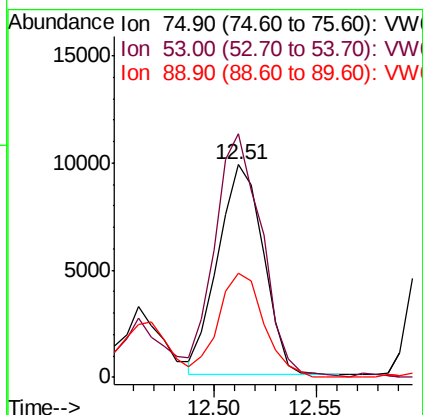
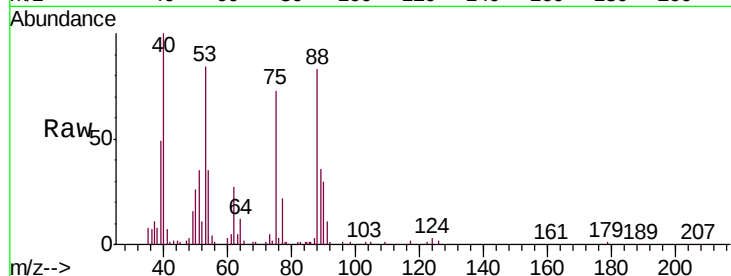
Tgt Ion: 75 Resp: 15216

Ion Ratio Lower Upper

75 100

53 119.4 86.7 130.1

89 49.9 36.4 54.6



#82

4-Chlorotoluene

Concen: 19.702 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW009235.D

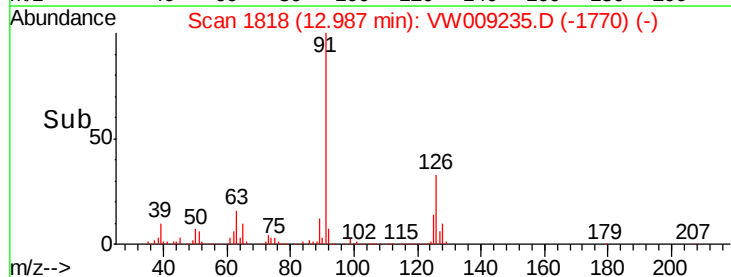
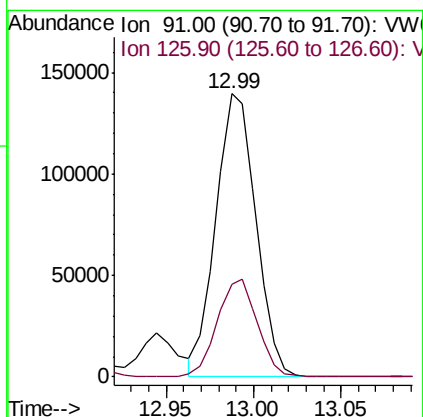
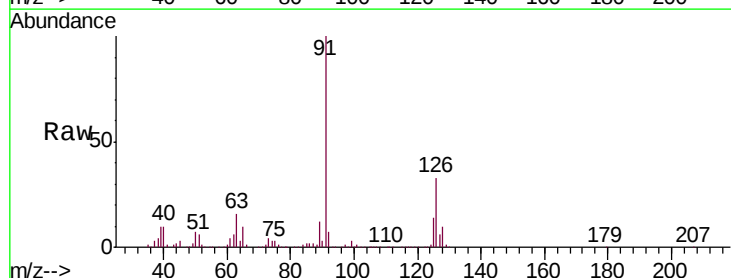
Acq: 19 Mar 2019 11:51

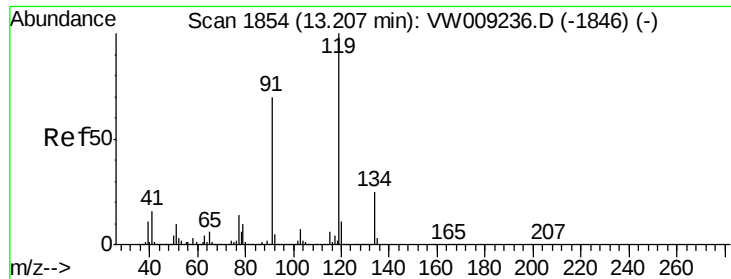
Tgt Ion: 91 Resp: 221619

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.6

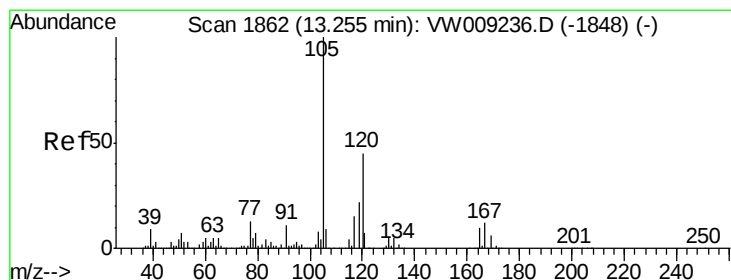
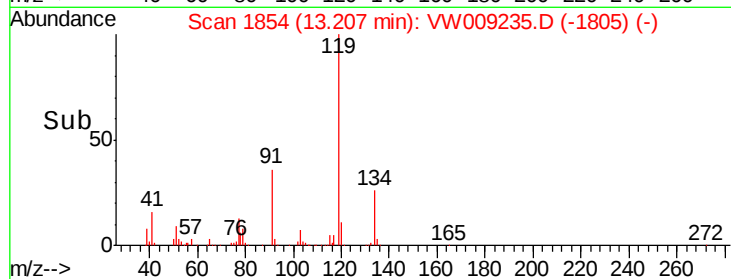
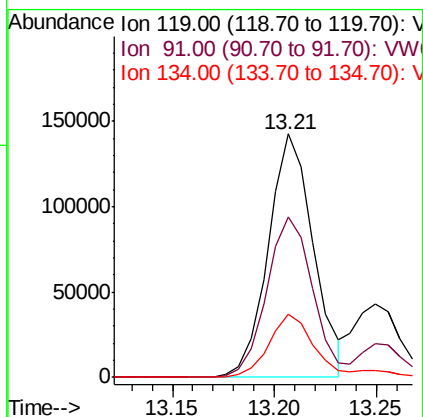
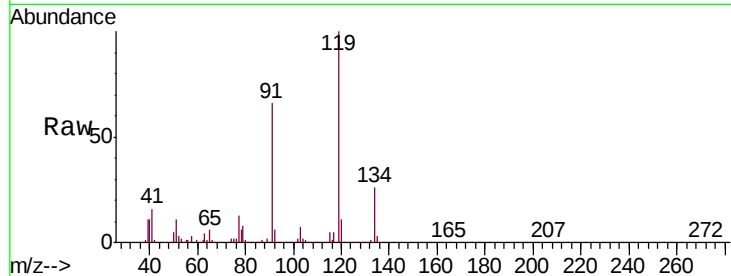




#83
 tert-Butylbenzene
 Concen: 19.794 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

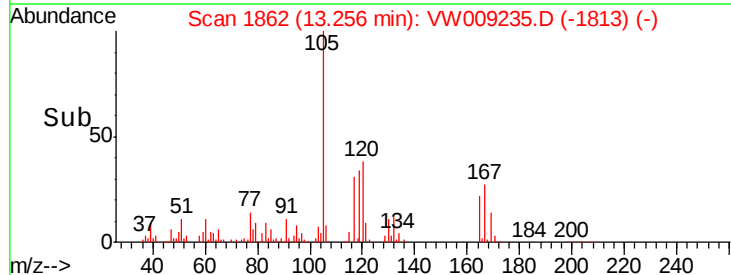
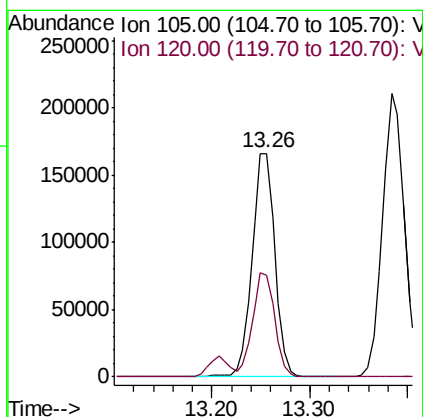
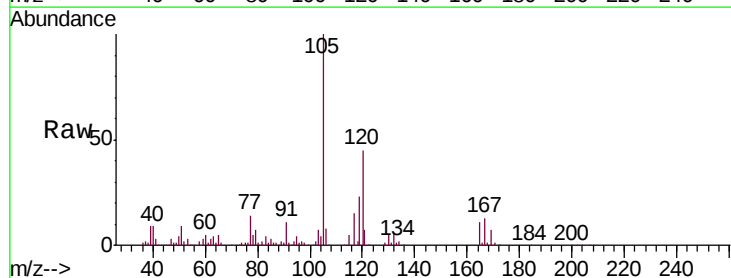
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

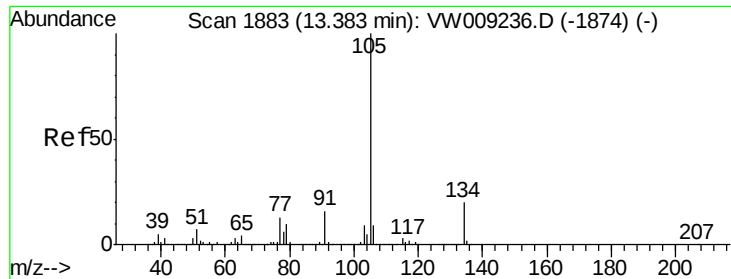
Tgt Ion:119 Resp: 220155
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.4 103.2
 134 27.9 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.060 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion:105 Resp: 267652
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3

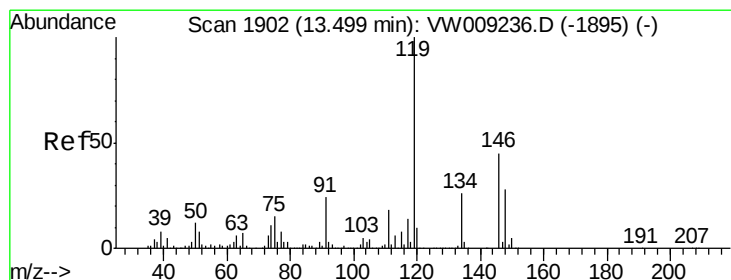
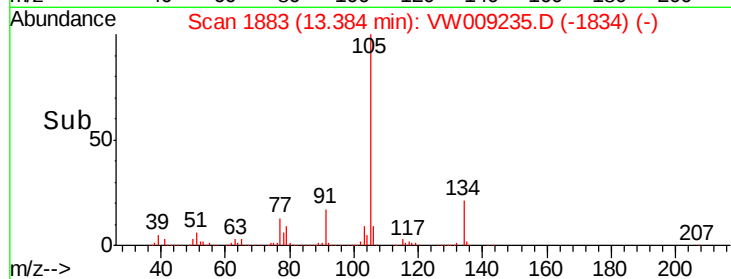
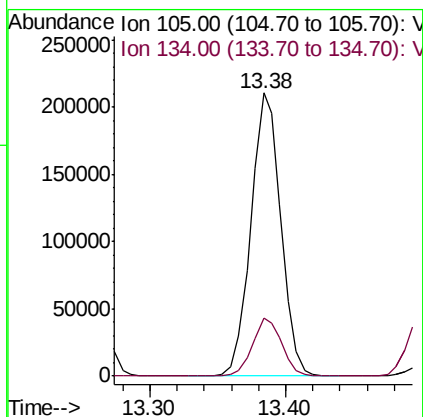
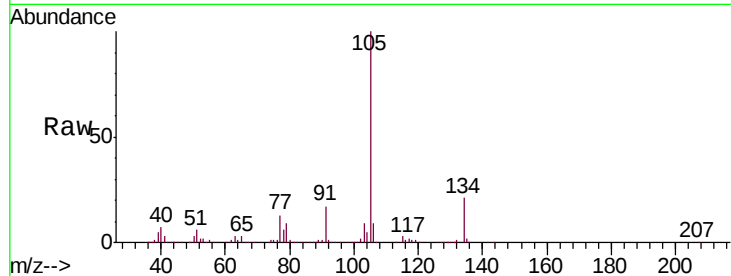




#85
 sec-Butylbenzene
 Concen: 19.702 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

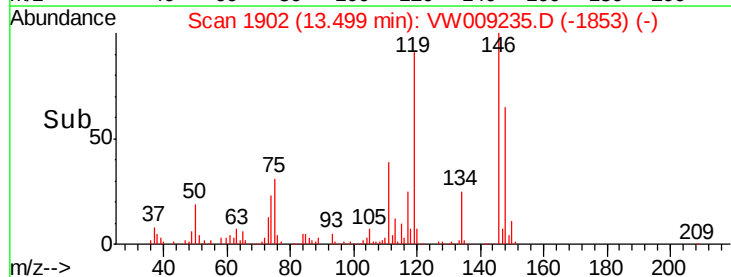
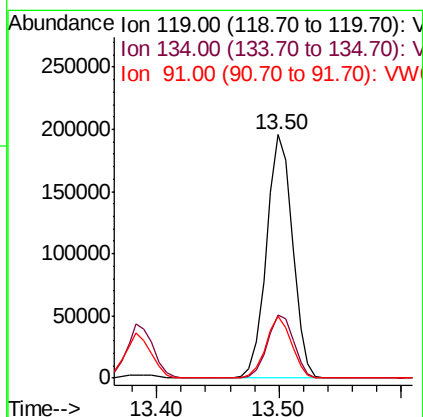
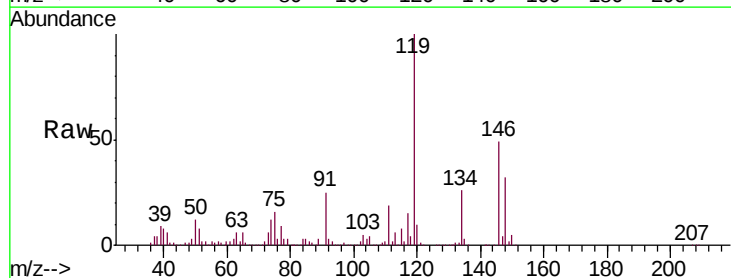
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

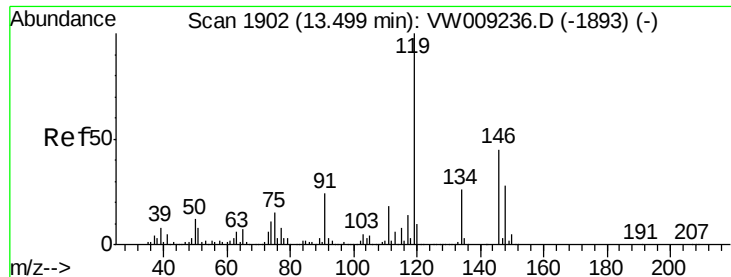
Tgt Ion:105 Resp: 323811
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.794 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion:119 Resp: 289690
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.6 12.3 36.8

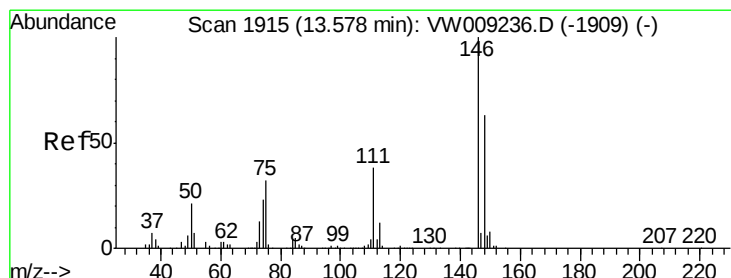
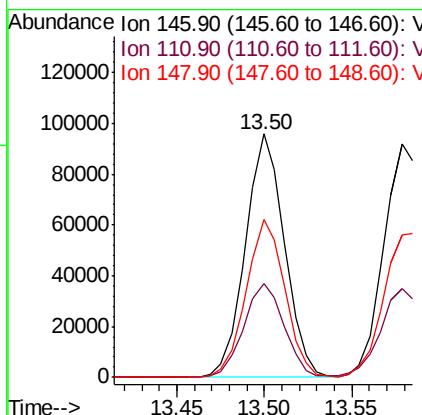
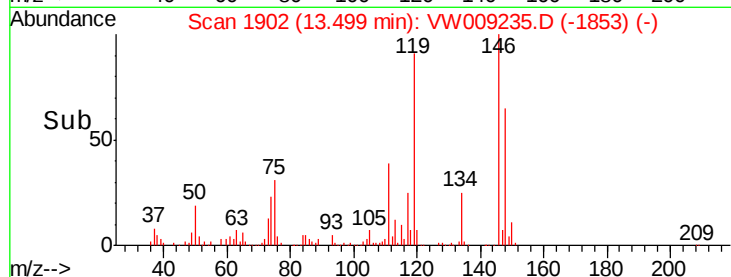
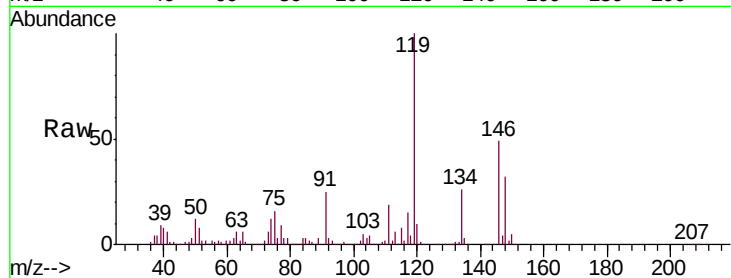




#87
 1,3-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

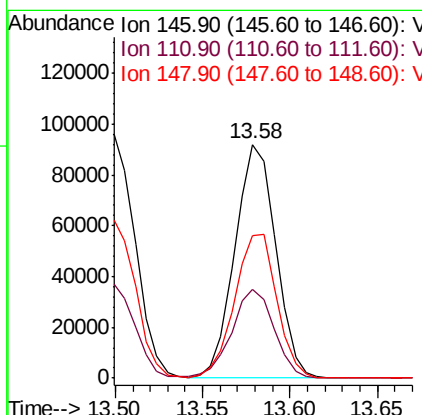
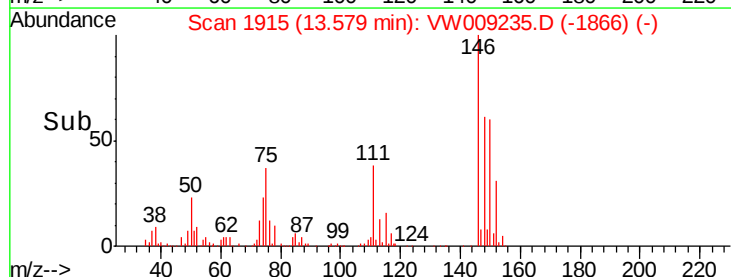
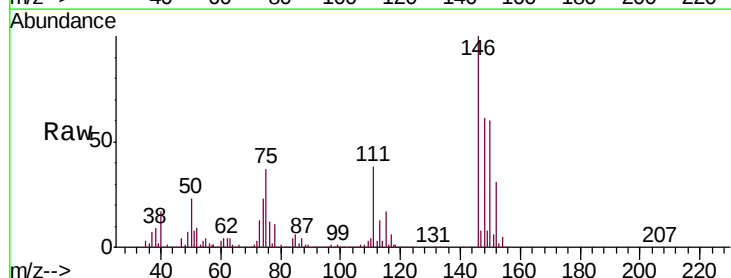
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

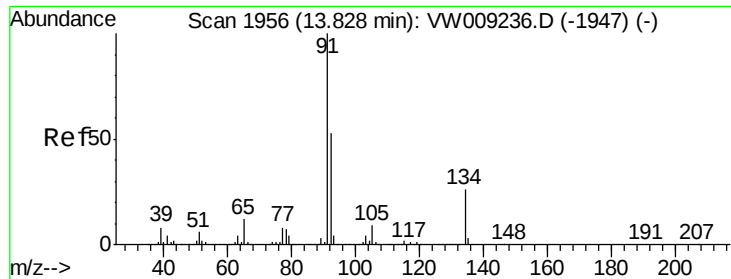
Tgt Ion:146 Resp: 148480
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 64.7 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion:146 Resp: 149576
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.6
 148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 19.866 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009235.D

Acq: 19 Mar 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

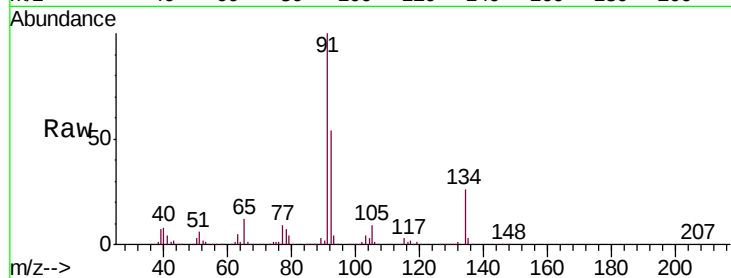
Tgt Ion: 91 Resp: 279091

Ion Ratio Lower Upper

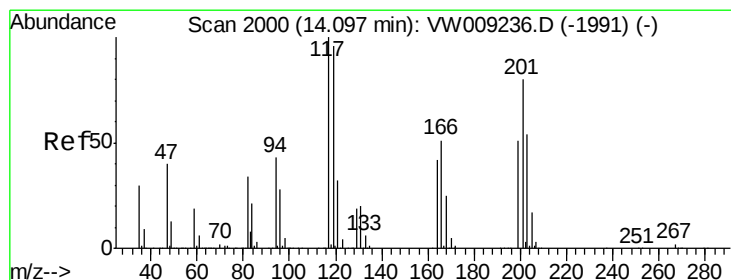
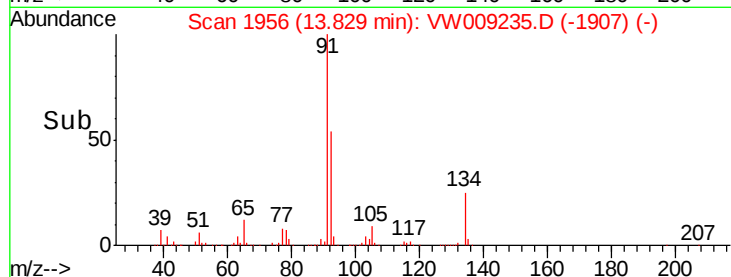
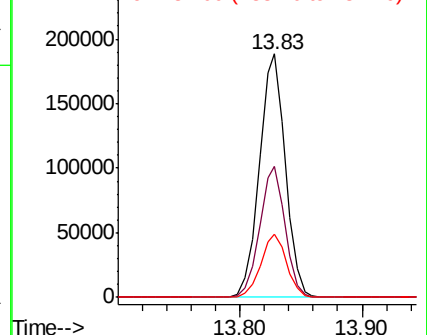
91 100

92 52.4 26.4 79.0

134 25.6 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.030 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009235.D

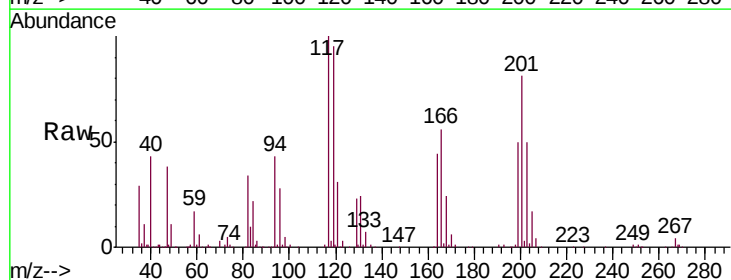
Acq: 19 Mar 2019 11:51

Tgt Ion: 117 Resp: 57798

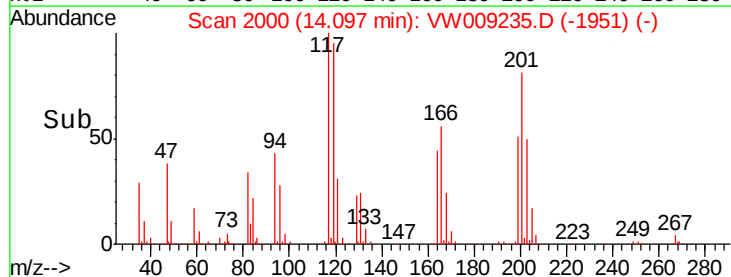
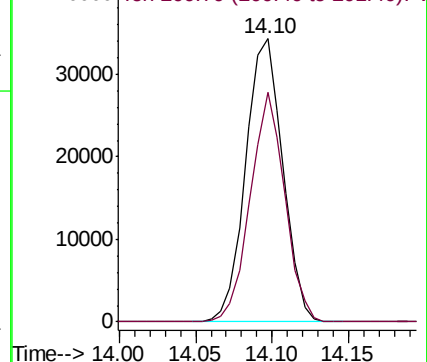
Ion Ratio Lower Upper

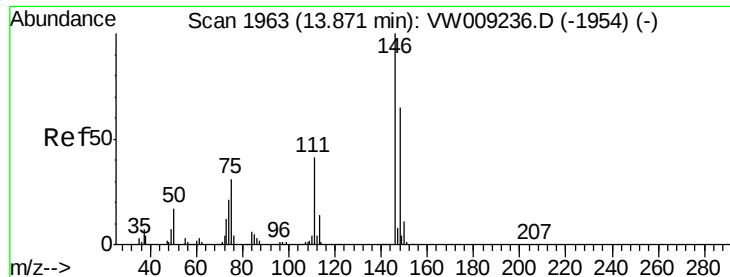
117 100

201 75.5 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

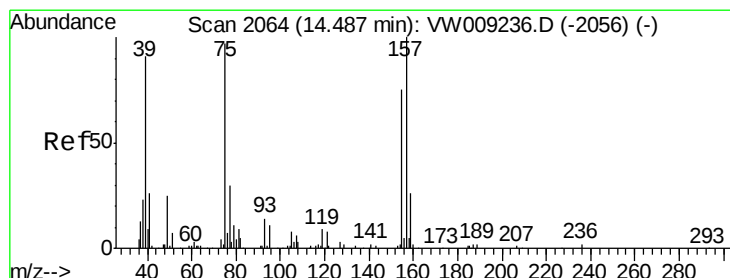
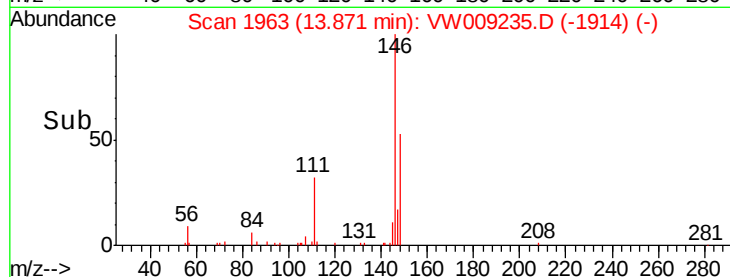
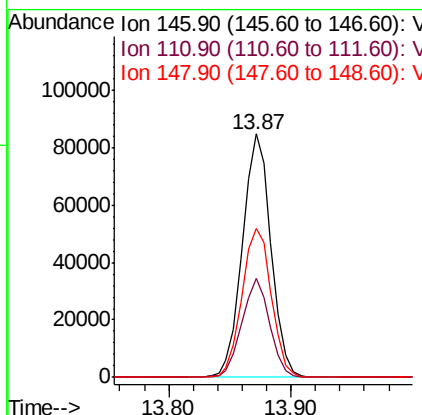
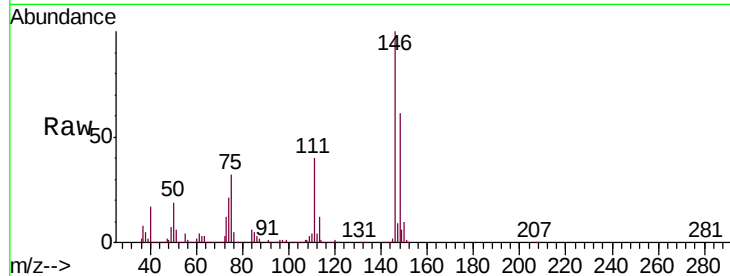




#91
 1,2-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

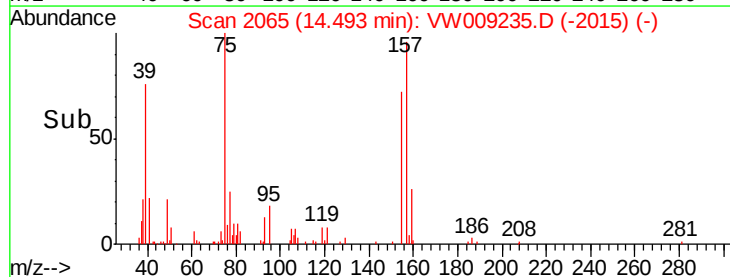
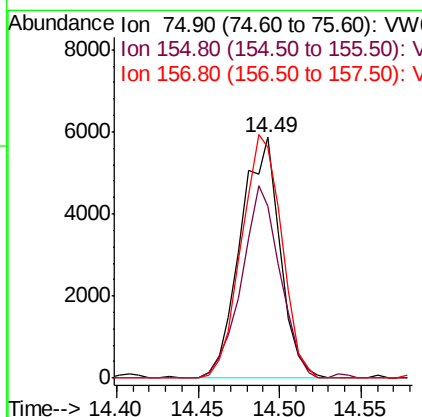
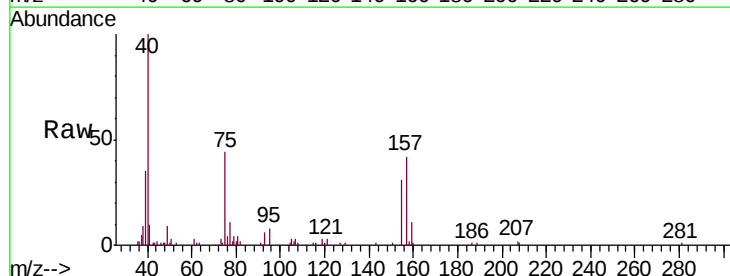
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

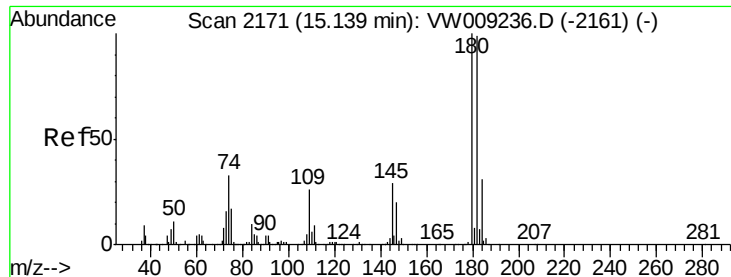
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	63.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.210 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.3	117.8
157	102.9	49.5	148.5

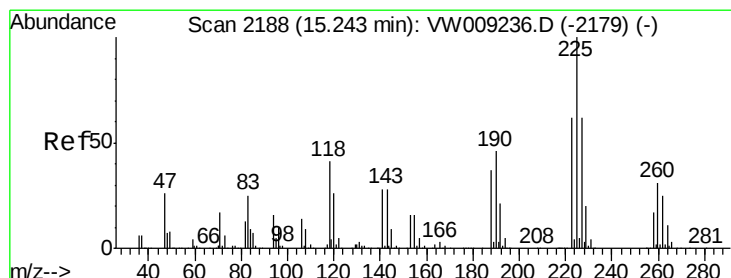
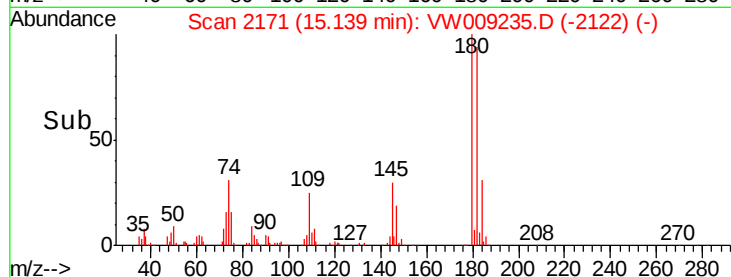
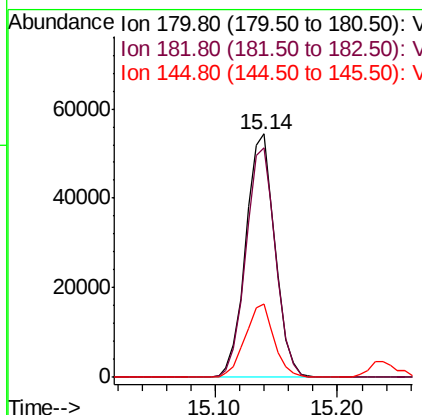
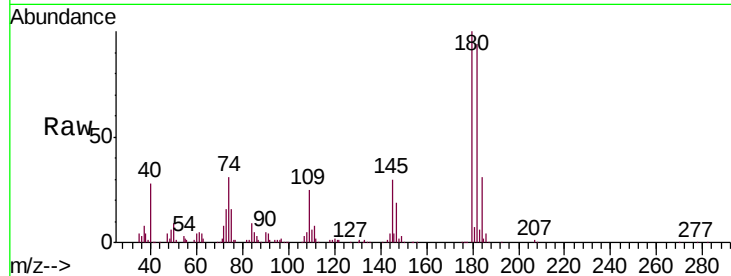




#93
 1,2,4-Trichlorobenzene
 Concen: 20.004 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

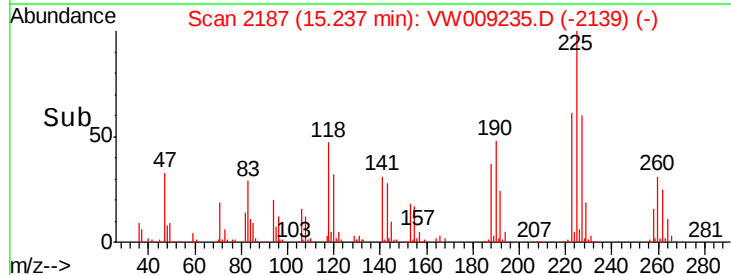
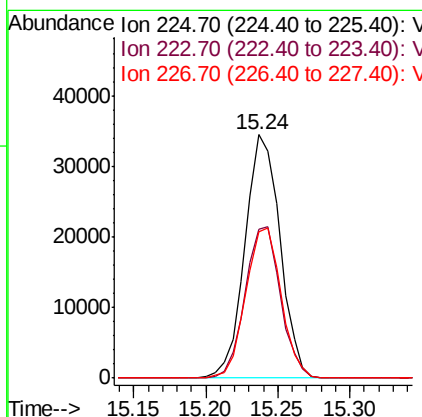
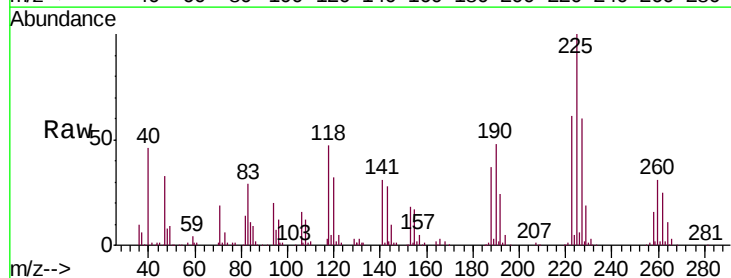
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

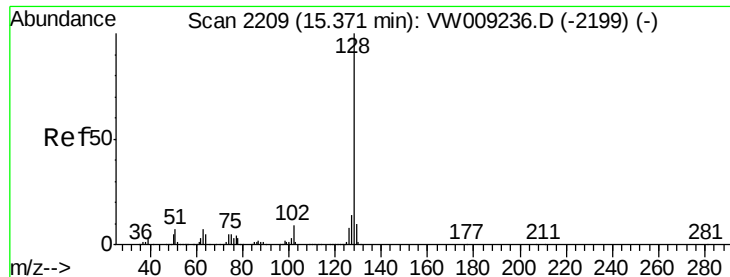
Tgt Ion:180 Resp: 90371
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 29.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.151 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW009235.D
 Acq: 19 Mar 2019 11:51

Tgt Ion:225 Resp: 57901
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.3
 227 62.1 32.1 96.5

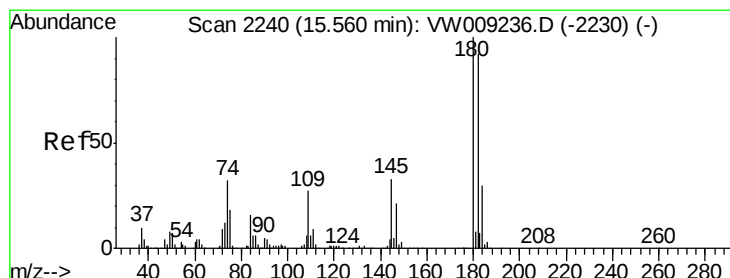
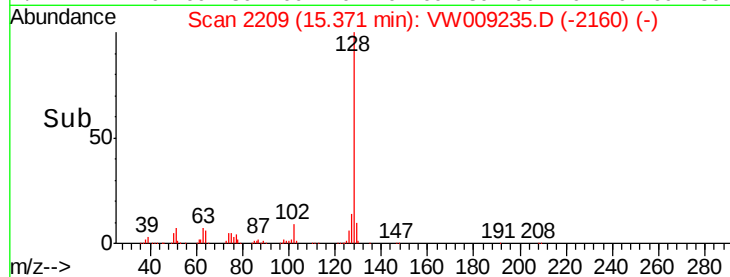
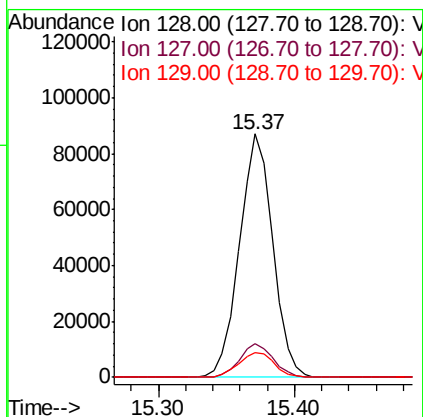
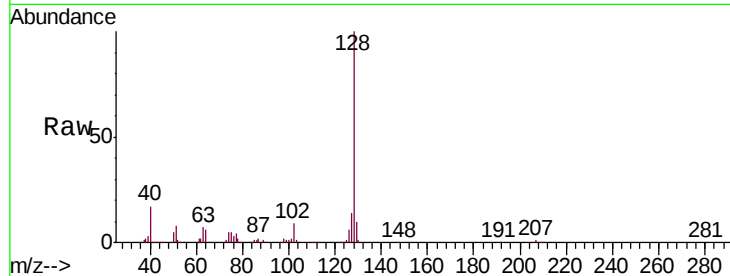




#95
Naphthalene
Concen: 18.980 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 148558
Ion Ratio Lower Upper
128 100
127 14.1 10.8 16.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.656 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009235.D
Acq: 19 Mar 2019 11:51

Tgt Ion:180 Resp: 79264
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 32.7 16.0 48.0

