

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015276.D
 Acq On : 21 Apr 2020 21:20
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:01:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	85256	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	87064	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	10.32	98	356212	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	142529	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	80038	47.660	ug/l	97
3) Chloromethane	2.21	50	90564	49.522	ug/l	98
4) Vinyl Chloride	2.36	62	106046	49.106	ug/l	99
5) Bromomethane	2.76	94	83782	54.565	ug/l	90
6) Chloroethane	2.92	64	65783	49.109	ug/l	100
7) Trichlorofluoromethane	3.26	101	140886	46.104	ug/l	98
8) Diethyl Ether	3.69	74	42658	49.733	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88393	46.906	ug/l	91
10) Methyl Iodide	4.28	142	109966	55.558	ug/l	97
11) Tert butyl alcohol	5.17	59	30621	216.010	ug/l	97
12) 1,1-Dichloroethene	4.04	96	85948	47.384	ug/l	94
13) Acrolein	3.90	56	20678	278.697	ug/l	100
14) Allyl chloride	4.67	41	110100	45.755	ug/l #	85
15) Acrylonitrile	5.37	53	80200	245.697	ug/l	99
16) Acetone	4.13	43	58813	193.631	ug/l	99
17) Carbon Disulfide	4.39	76	255166	47.338	ug/l	99
18) Methyl Acetate	4.67	43	37138	46.192	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	210318	50.510	ug/l	96
20) Methylene Chloride	4.92	84	95979	48.215	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	100565	48.886	ug/l	93
22) Diisopropyl ether	6.32	45	231013	50.044	ug/l #	94
23) Vinyl Acetate	6.26	43	664429	245.275	ug/l	95
24) 1,1-Dichloroethane	6.22	63	157091	49.102	ug/l	98
25) 2-Butanone	7.17	43	92693	230.019	ug/l	93
26) 2,2-Dichloropropane	7.17	77	146730	43.595	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112139	50.493	ug/l	97
28) Bromochloromethane	7.51	49	56203	48.318	ug/l #	70
29) Tetrahydrofuran	7.53	42	60874	242.465	ug/l #	87
30) Chloroform	7.68	83	173746	50.319	ug/l	99
31) Cyclohexane	7.95	56	136176	42.345	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	159148	47.756	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130260	46.511	ug/l	98
37) Ethyl Acetate	7.26	43	43360	47.705	ug/l #	97
38) Carbon Tetrachloride	8.07	117	142625	46.601	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170496	45.738	ug/l	94
40) Benzene	8.32	78	371240	49.623	ug/l	96
41) Methacrylonitrile	7.48	41	24440	44.814	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	109761	49.837	ug/l	100
43) Isopropyl Acetate	8.42	43	91590	48.045	ug/l	94
44) Trichloroethene	9.09	130	117968	51.551	ug/l	88
45) 1,2-Dichloropropane	9.37	63	86379	49.650	ug/l	100
46) Dibromomethane	9.46	93	50879	50.556	ug/l #	85
47) Bromodichloromethane	9.65	83	133020	49.444	ug/l	99
48) Methyl methacrylate	9.43	41	42206	46.834	ug/l #	79
49) 1,4-Dioxane	9.45	88	14636	1090.908	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	220910	246.859	ug/l	97
52) Toluene	10.38	92	265382	50.686	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	130520	49.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	152784	49.551	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72762	51.633	ug/l	95
56) Ethyl methacrylate	10.65	69	91732	50.529	ug/l	92
57) 1,3-Dichloropropane	10.93	76	118808	50.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	203853	242.204	ug/l #	88
59) 2-Hexanone	10.96	43	152405	238.580	ug/l	97
60) Dibromochloromethane	11.13	129	96286	51.749	ug/l	98
61) 1,2-Dibromoethane	11.24	107	71000	51.634	ug/l	99
64) Tetrachloroethene	10.86	164	107383	51.013	ug/l	95
65) Chlorobenzene	11.66	112	298791	51.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108920	52.362	ug/l	97
67) Ethyl Benzene	11.73	91	535072	49.575	ug/l	99
68) m/p-Xylenes	11.84	106	430228	101.693	ug/l	99
69) o-Xylene	12.16	106	204725	51.844	ug/l	97
70) Styrene	12.18	104	355548	52.821	ug/l	99
71) Bromoform	12.35	173	61528	52.495	ug/l #	98
73) Isopropylbenzene	12.46	105	569662	48.029	ug/l	99
74) N-amyl acetate	12.27	43	96431	46.733	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	78894	46.849	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	107217	81.018	ug/l #	100
77) Bromobenzene	12.75	156	139000	51.009	ug/l	81
78) n-propylbenzene	12.80	91	652096	47.220	ug/l	96
79) 2-Chlorotoluene	12.89	91	380032	48.831	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	494514	48.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27028	44.646	ug/l	92
82) 4-Chlorotoluene	12.99	91	401065	48.537	ug/l	97
83) tert-Butylbenzene	13.21	119	432275	48.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	496760	49.295	ug/l	99
85) sec-Butylbenzene	13.38	105	588291	47.702	ug/l	97
86) p-Isopropyltoluene	13.50	119	564269	49.240	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	272594	50.347	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	269368	50.753	ug/l	97
89) n-Butylbenzene	13.82	91	493474	47.113	ug/l	97
90) Hexachloroethane	14.09	117	101167	48.139	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	242285	51.496	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15435	50.648	ug/l	89

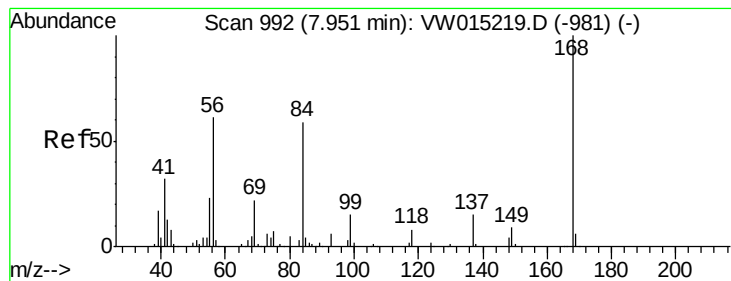
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171943	52.577	ug/l	98
94) Hexachlorobutadiene	15.23	225	112714	51.696	ug/l	98
95) Naphthalene	15.36	128	273426	51.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143309	53.860	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

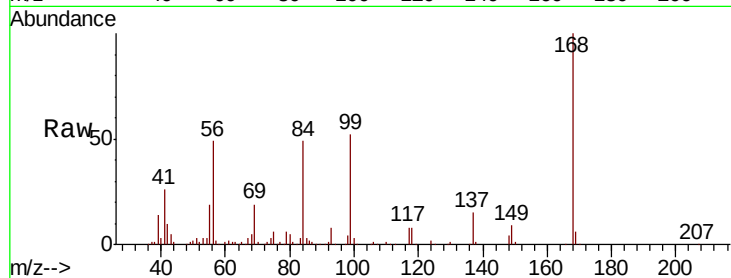
ClientSampleId :

Tot Ion:168 Resp: 212658

Ion Ratio Lower Upper

168 100

99 51.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

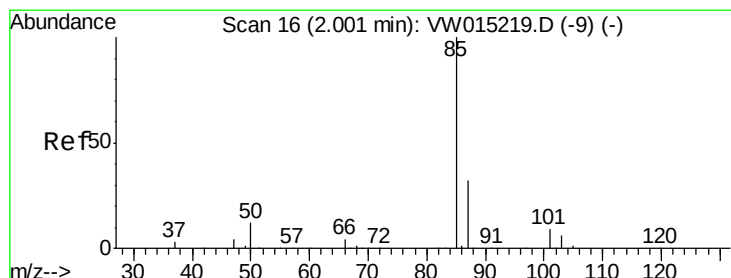
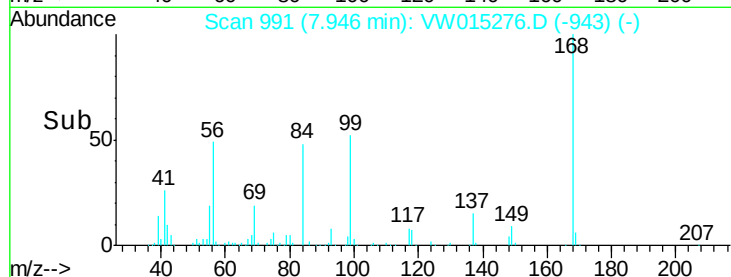
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.660 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015276.D

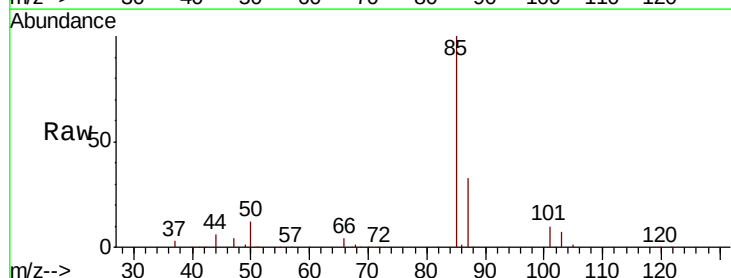
Acq: 21 Apr 2020 21:20

Tgt Ion: 85 Resp: 80038

Ion Ratio Lower Upper

85 100

87 33.0 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

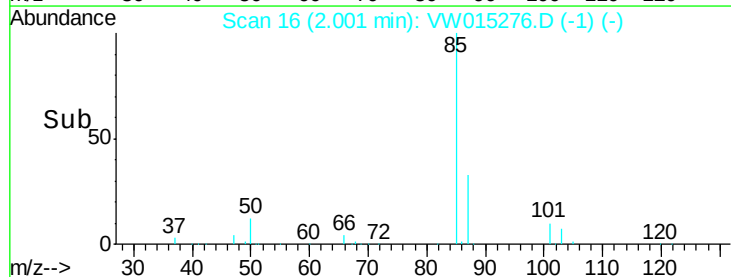
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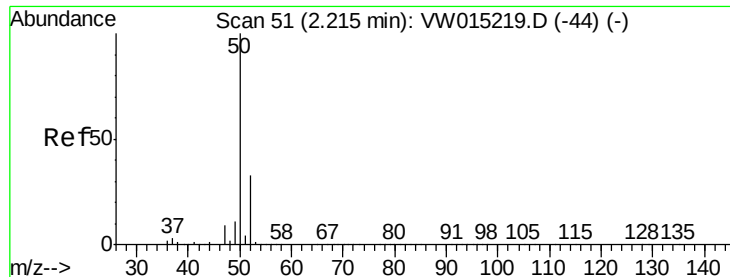
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.522 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

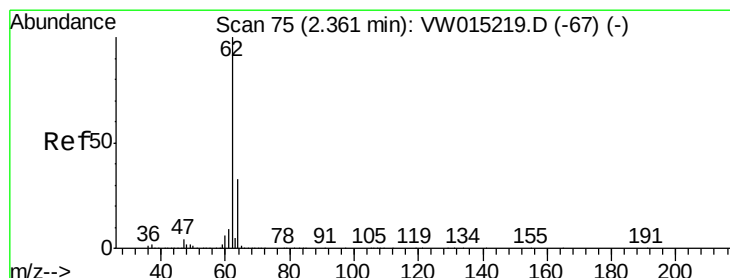
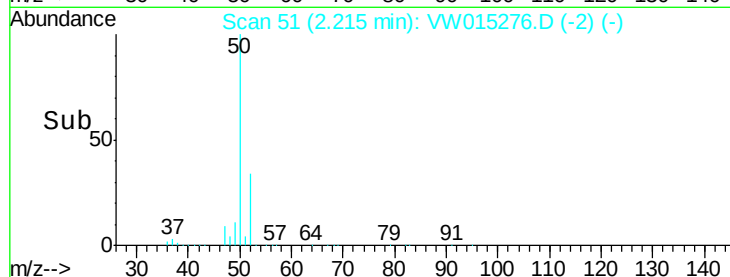
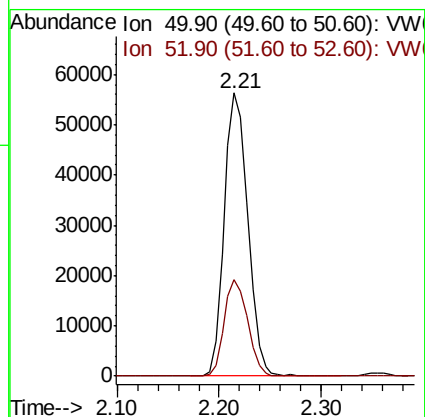
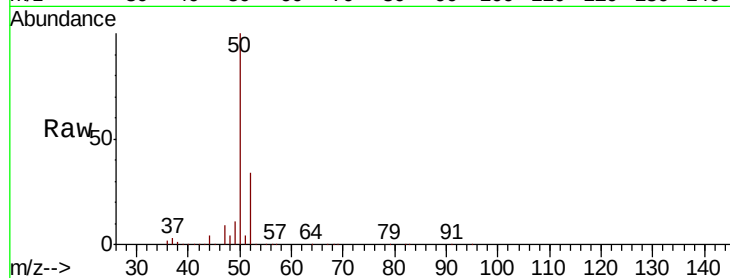
ClientSampled :

Tot Ion: 50 Resp: 90564

Ion Ratio Lower Upper

50 100

52 34.2 26.5 39.7



#4

Vinyl Chloride

Concen: 49.106 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015276.D

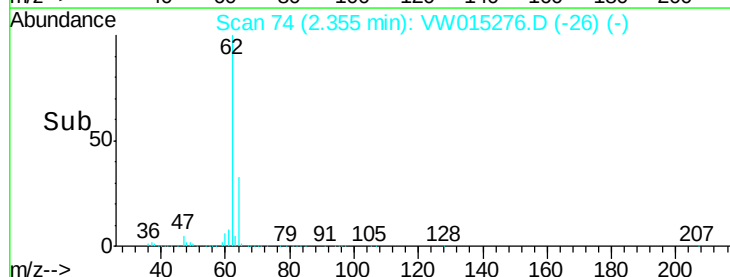
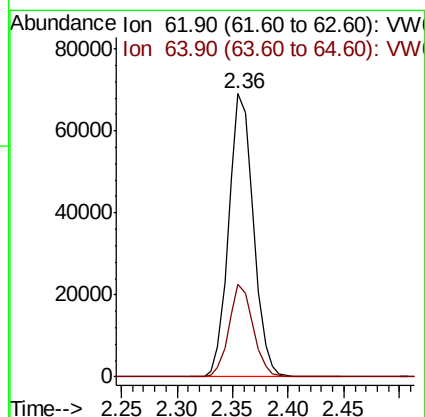
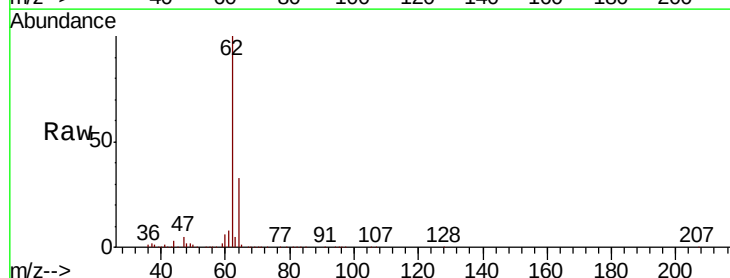
Acq: 21 Apr 2020 21:20

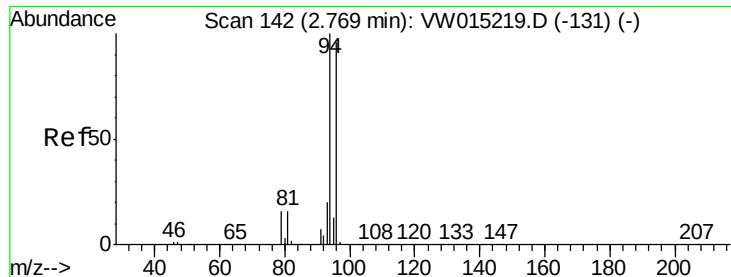
Tgt Ion: 62 Resp: 106046

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 54.565 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

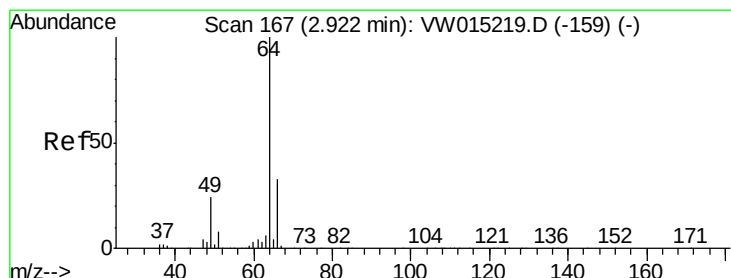
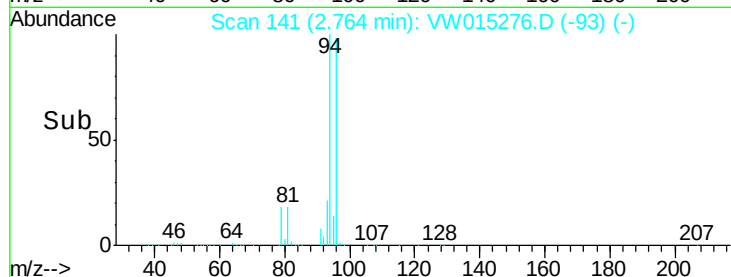
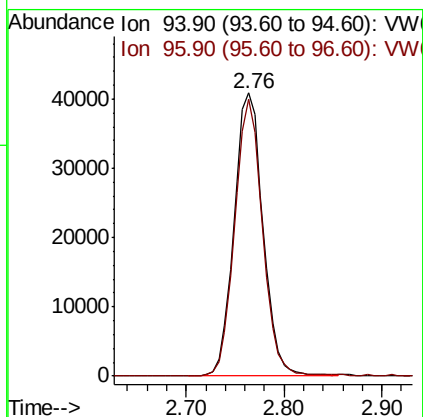
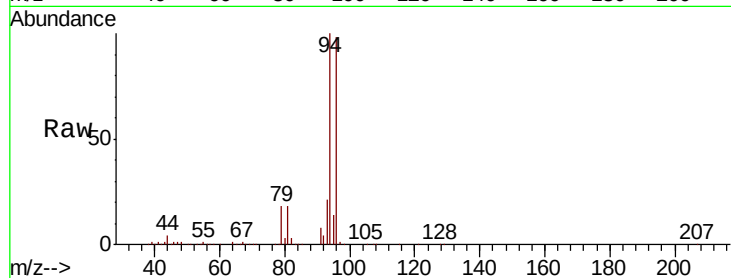
ClientSampleId :

Tot Ion: 94 Resp: 83782

Ion Ratio Lower Upper

94 100

96 97.7 70.4 105.6



#6

Chloroethane

Concen: 49.109 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015276.D

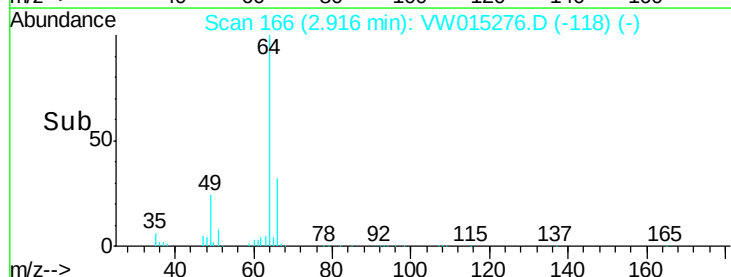
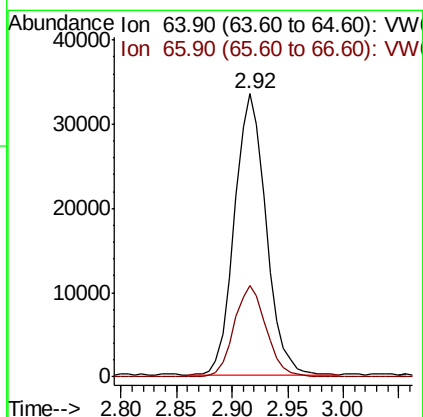
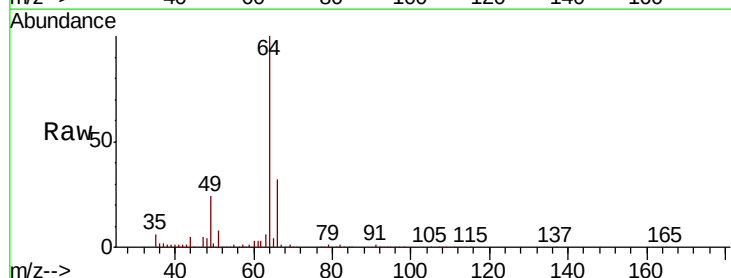
Acq: 21 Apr 2020 21:20

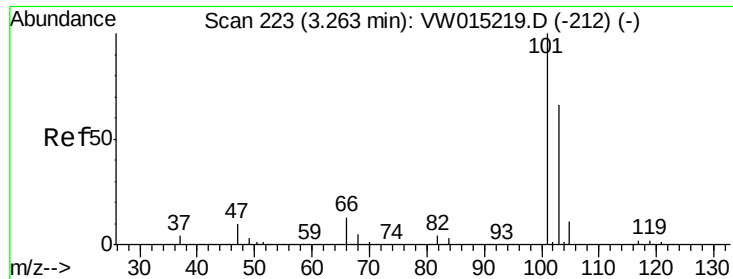
Tgt Ion: 64 Resp: 65783

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6



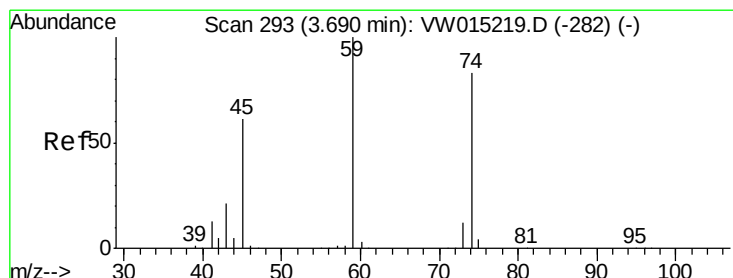
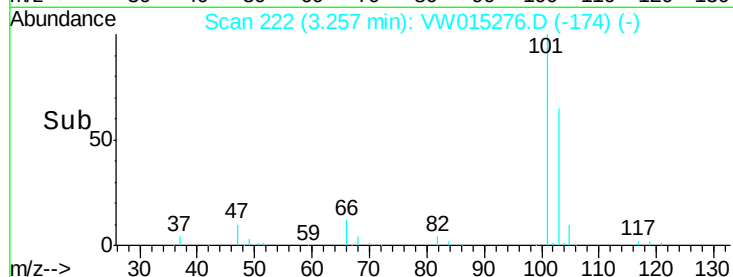
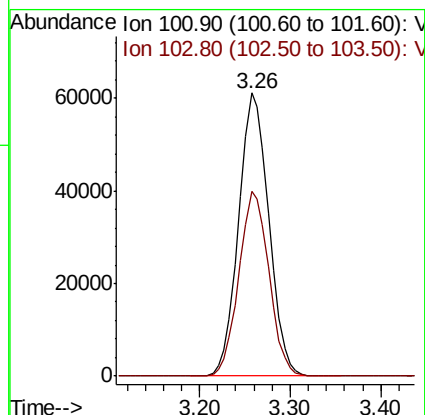
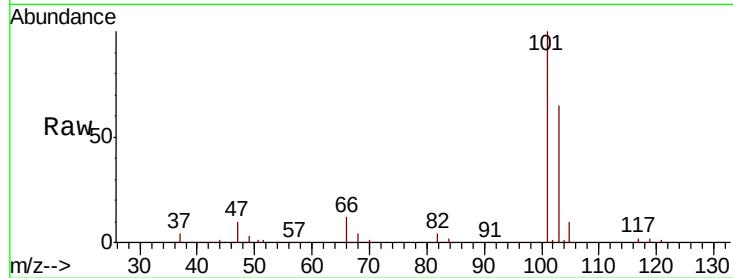


#7

Trichlorofluoromethane
 Concen: 46.104 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

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 MSVOA_W
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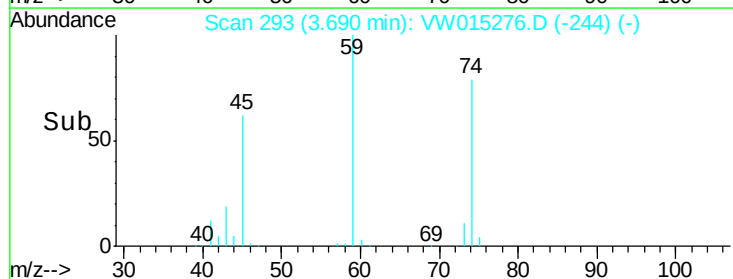
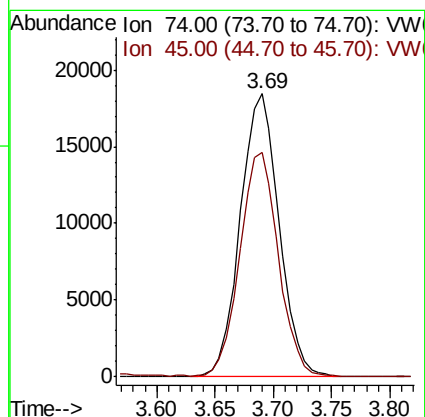
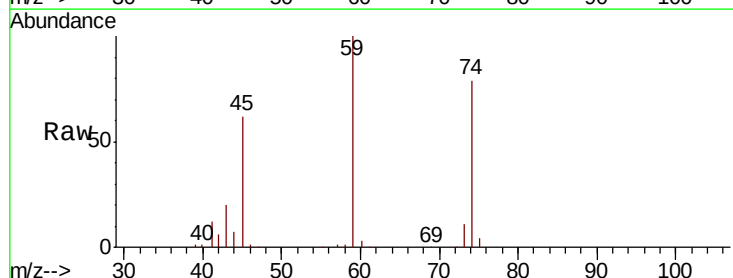
Tot Ion:101 Resp: 140886
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

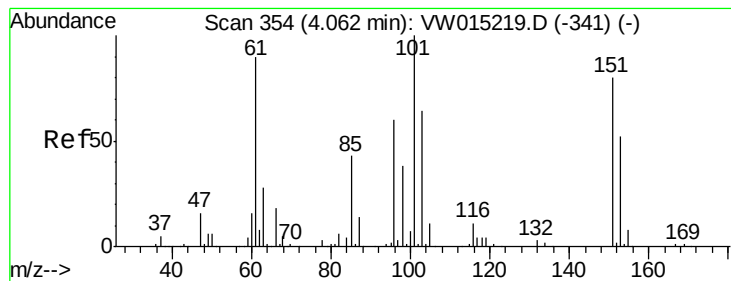


#8

Diethyl Ether
 Concen: 49.733 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 74 Resp: 42658
 Ion Ratio Lower Upper
 74 100
 45 79.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.906 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

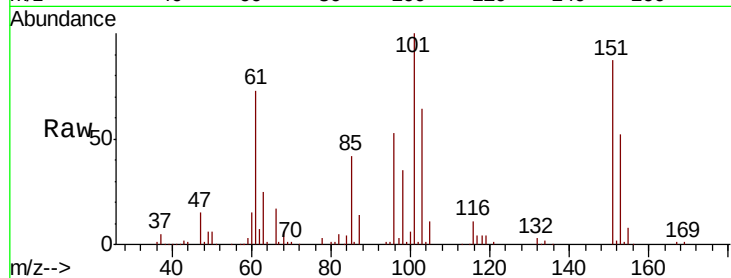
Tot Ion:101 Resp: 88393

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

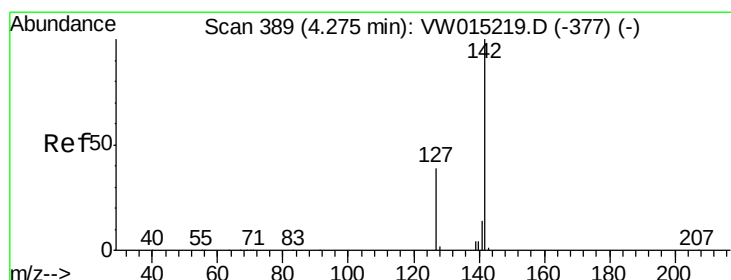
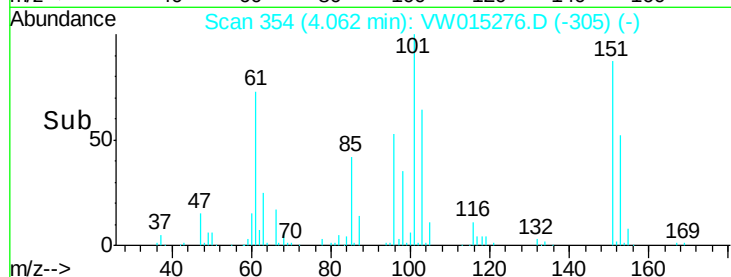
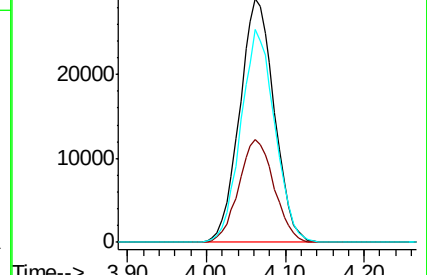
151 85.7 59.3 88.9



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: 55.558 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

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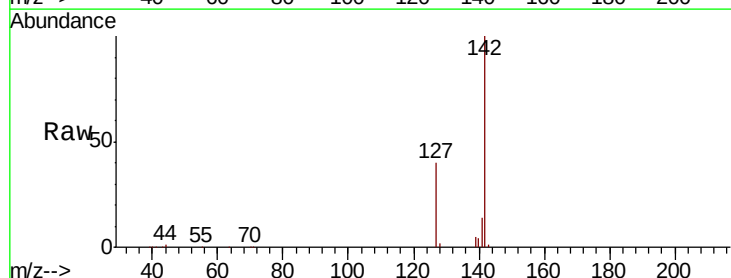
Tgt Ion:142 Resp: 109966

Ion Ratio Lower Upper

142 100

127 40.5 33.9 50.9

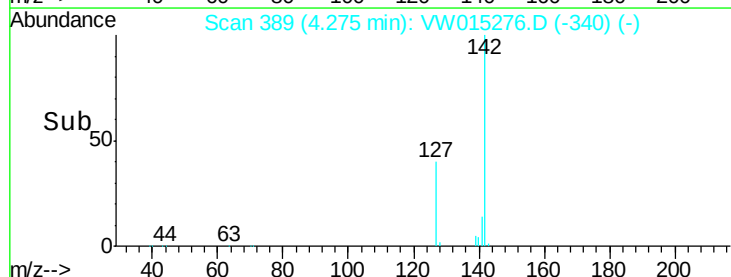
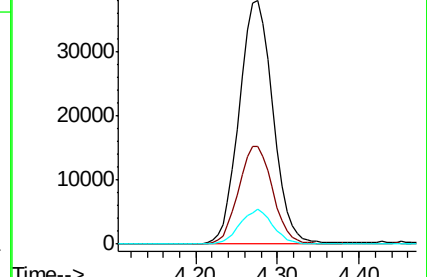
141 13.8 11.4 17.2

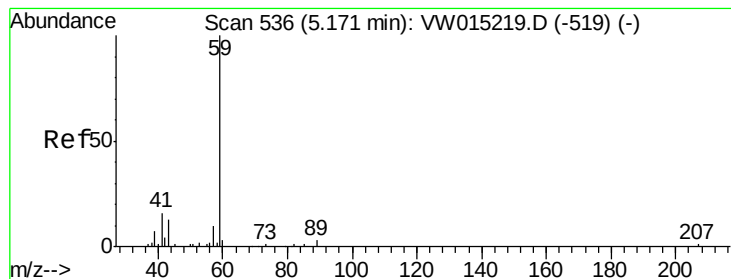


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 216.010 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

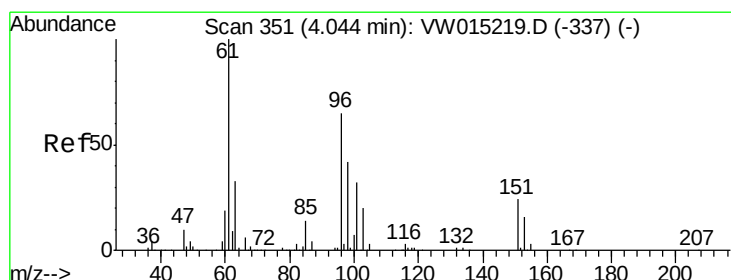
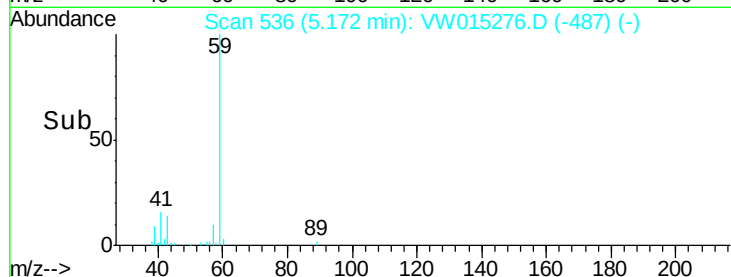
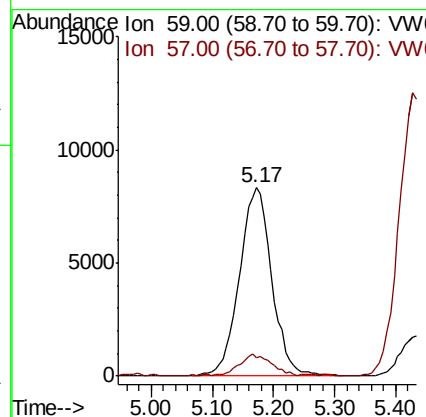
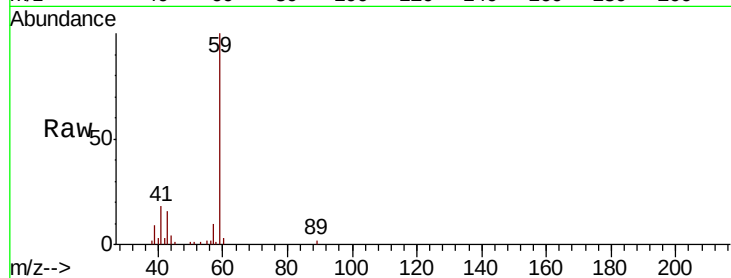
ClientSampled :

Tot Ion: 59 Resp: 30621

Ion Ratio Lower Upper

59 100

57 11.7 8.4 12.6



#12

1,1-Dichloroethene

Concen: 47.384 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

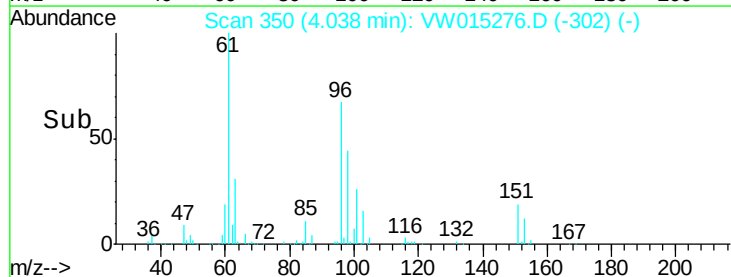
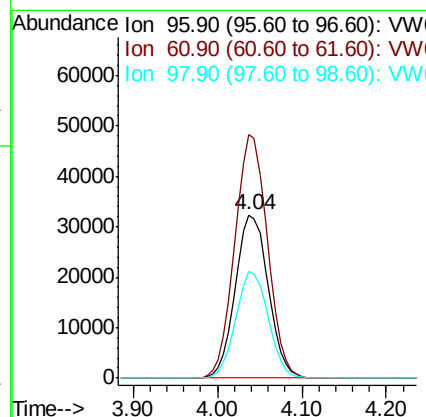
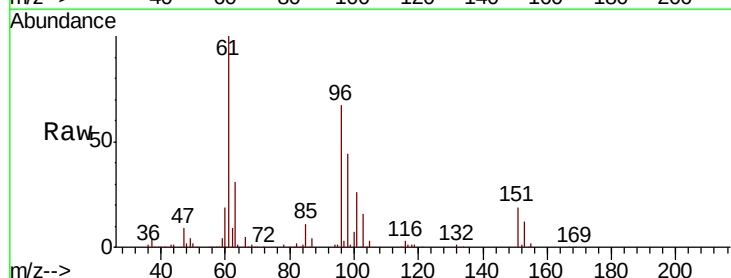
Tgt Ion: 96 Resp: 85948

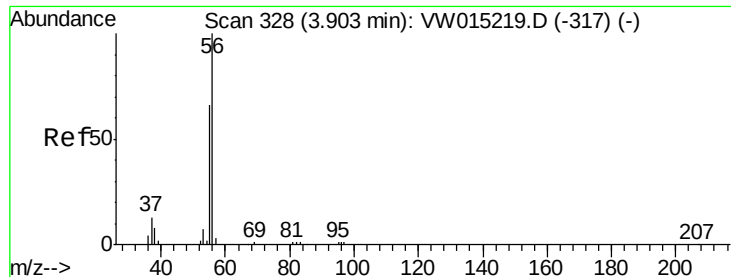
Ion Ratio Lower Upper

96 100

61 149.0 127.0 190.4

98 65.0 51.0 76.4





#13

Acrolein

Concen: 278.697 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

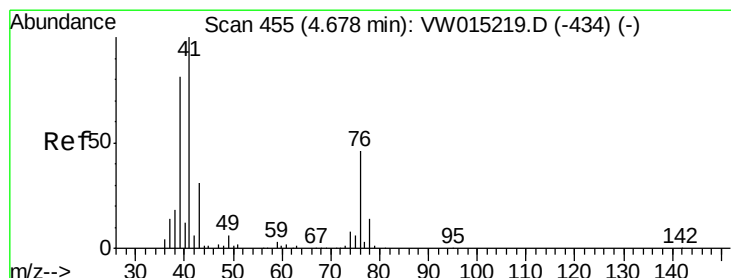
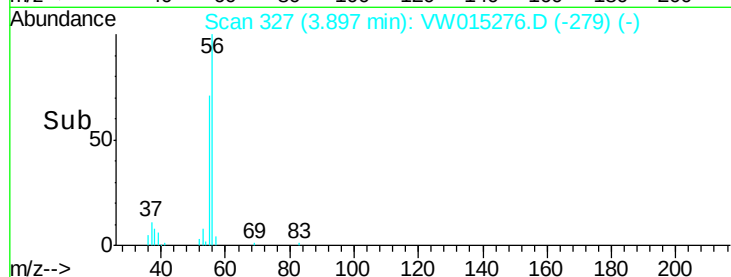
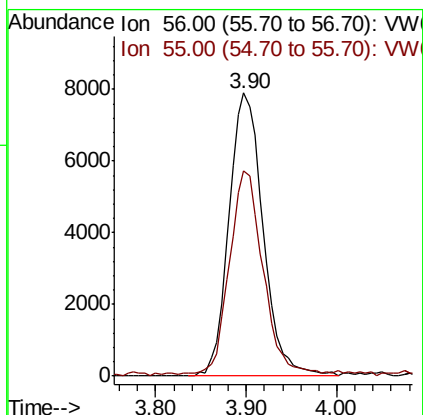
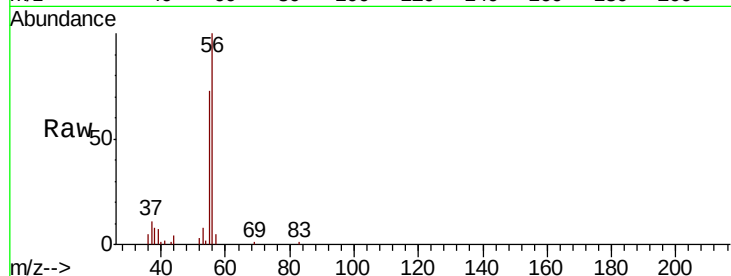
ClientSampled :

Tot Ion: 56 Resp: 20678

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Allyl chloride

Concen: 45.755 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

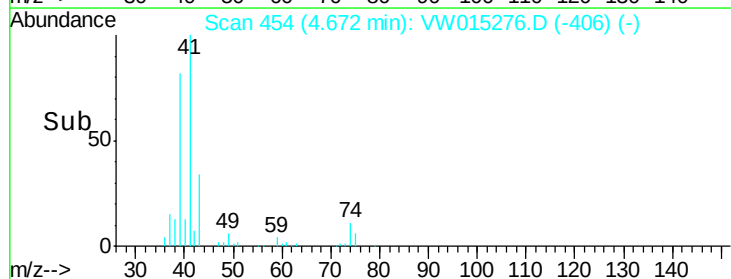
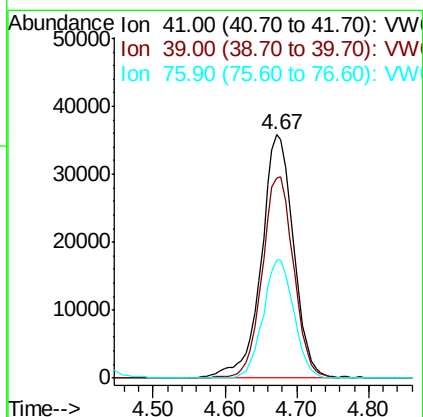
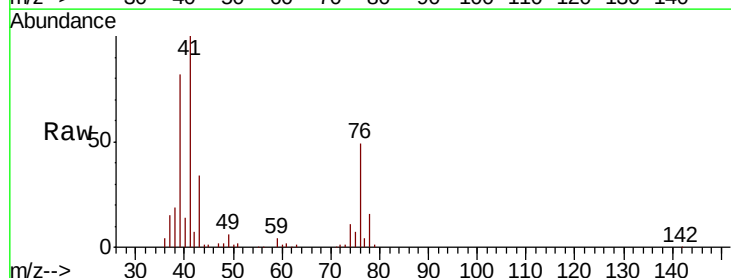
Tgt Ion: 41 Resp: 110100

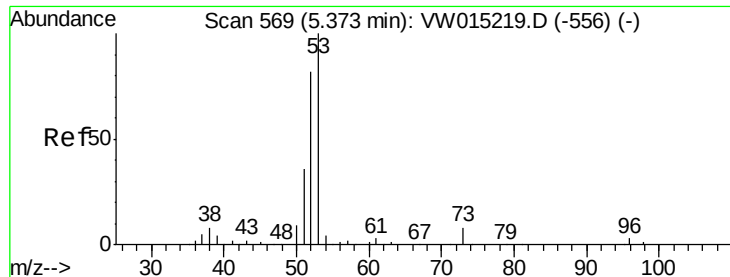
Ion Ratio Lower Upper

41 100

39 81.8 54.0 81.0#

76 46.7 31.8 47.6





#15

Acrylonitrile

Concen: 245.697 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

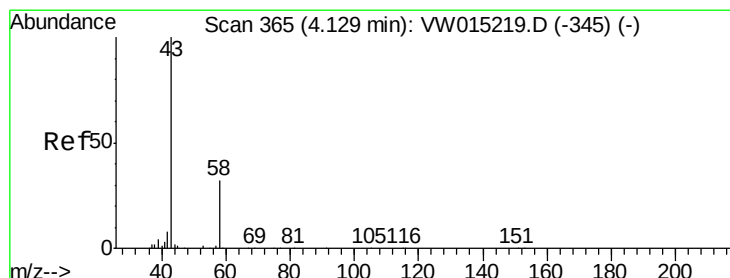
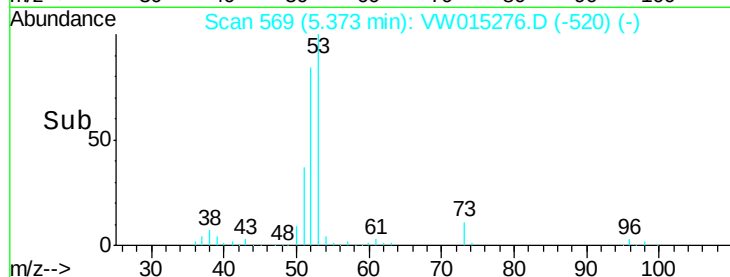
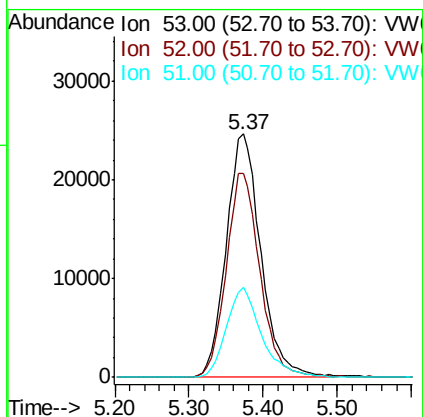
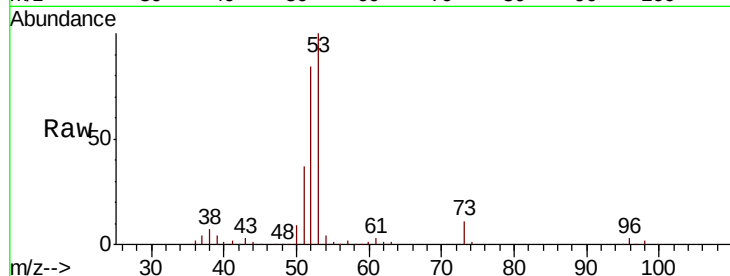
Tot Ion: 53 Resp: 80200

Ion Ratio Lower Upper

53 100

52 81.3 65.2 97.8

51 37.4 28.2 42.4



#16

Acetone

Concen: 193.631 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015276.D

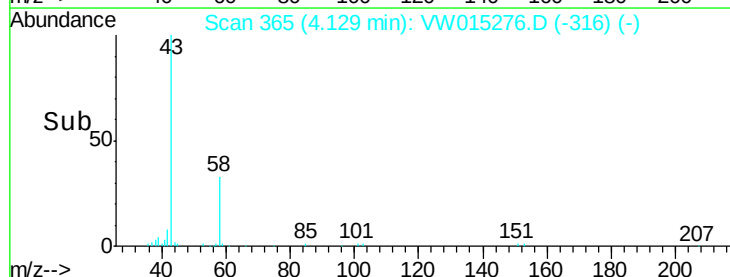
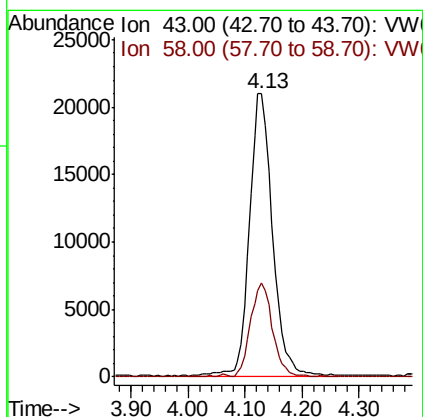
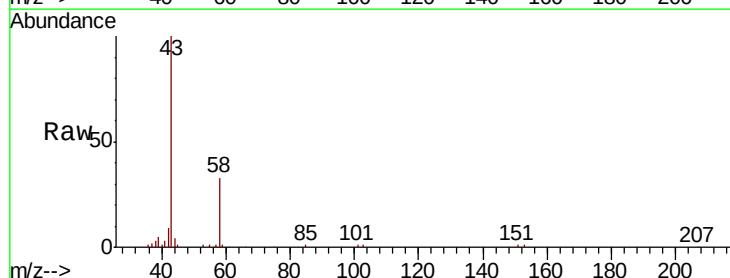
Acq: 21 Apr 2020 21:20

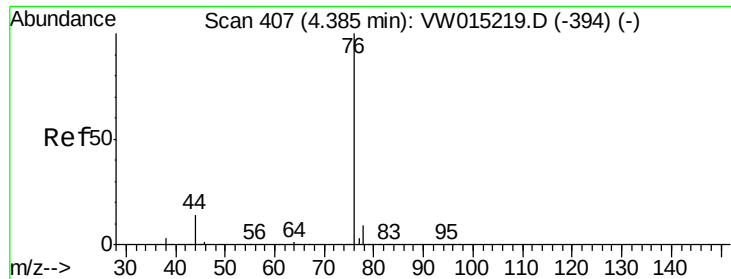
Tgt Ion: 43 Resp: 58813

Ion Ratio Lower Upper

43 100

58 33.3 27.0 40.4

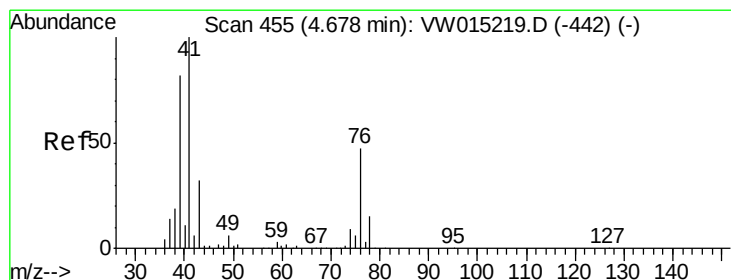
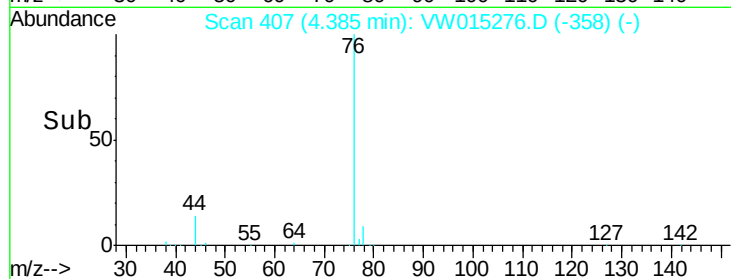
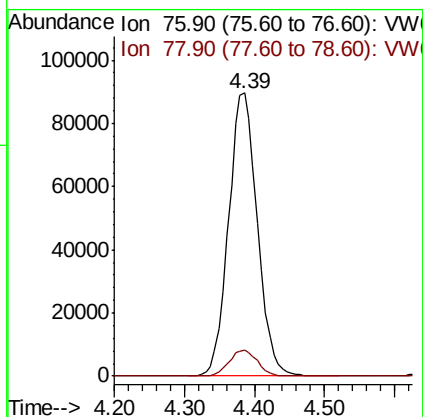
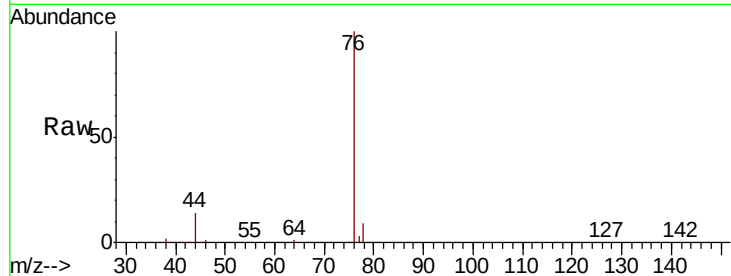




#17
Carbon Disulfide
Concen: 47.338 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

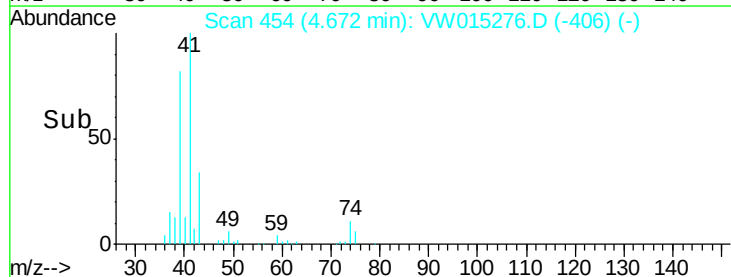
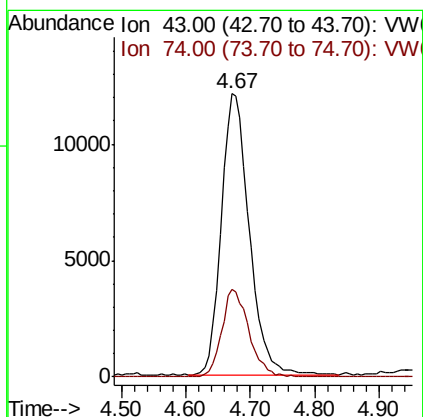
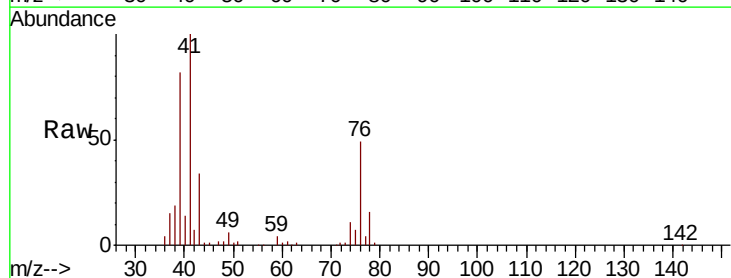
Instrument :
MSVOA_W
ClientSampled :

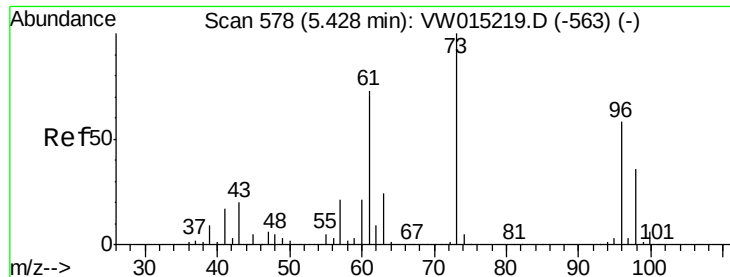
Tot Ion: 76 Resp: 255166
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 46.192 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 43 Resp: 37138
Ion Ratio Lower Upper
43 100
74 29.9 20.6 31.0

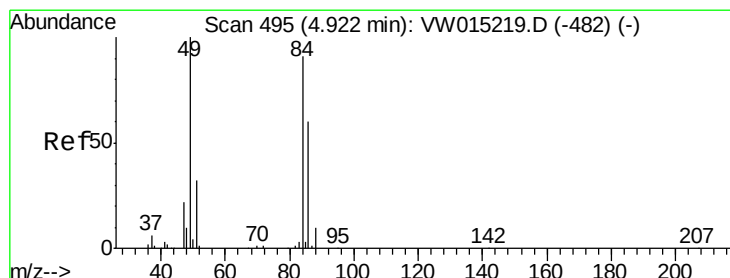
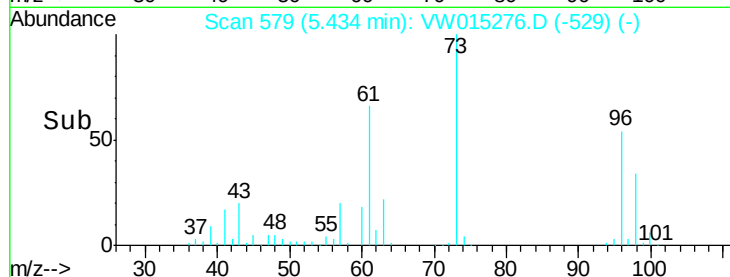
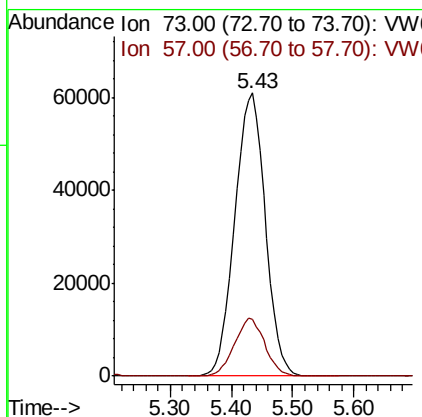
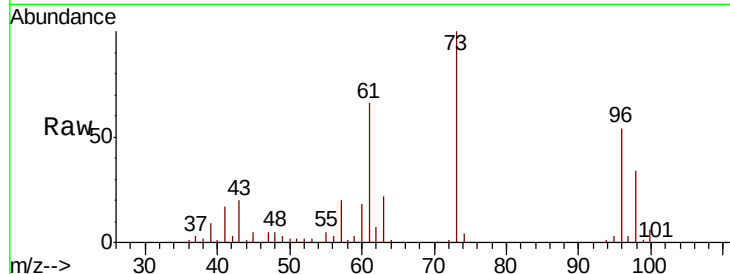




#19
Methyl tert-butyl Ether
Concen: 50.510 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

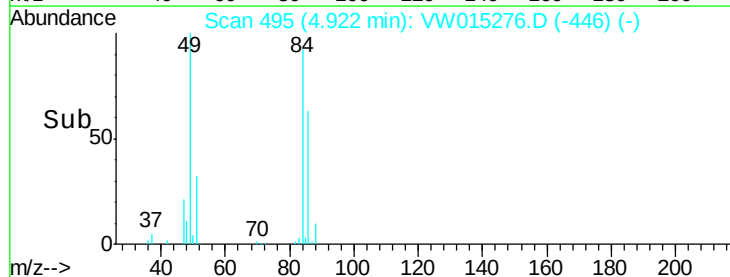
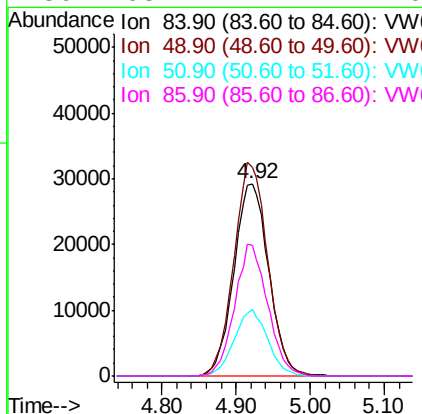
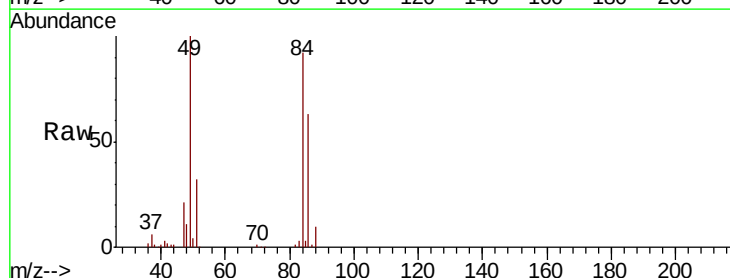
Instrument :
MSVOA_W
ClientSampled :

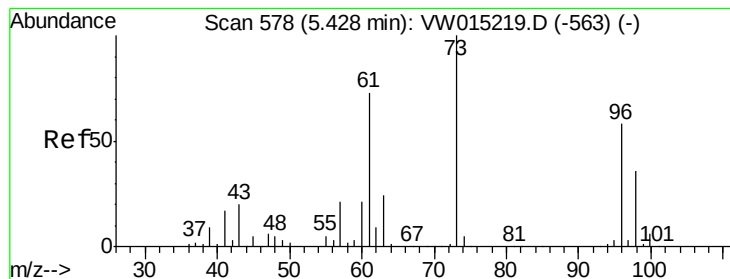
Tot Ion: 73 Resp: 210318
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.6



#20
Methylene Chloride
Concen: 48.215 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 84 Resp: 95979
Ion Ratio Lower Upper
84 100
49 108.7 95.4 143.0
51 34.9 29.8 44.8
86 68.1 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 48.886 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :

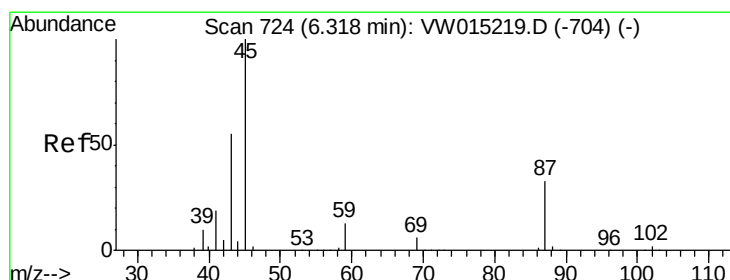
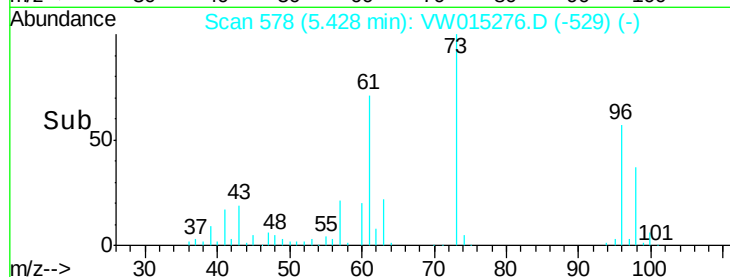
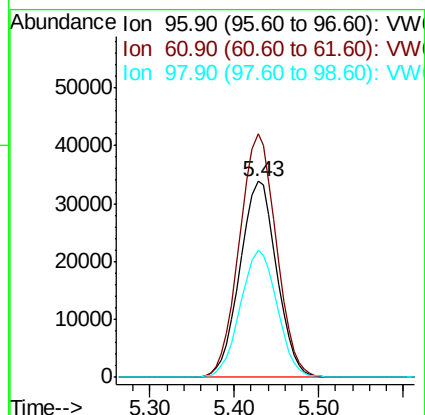
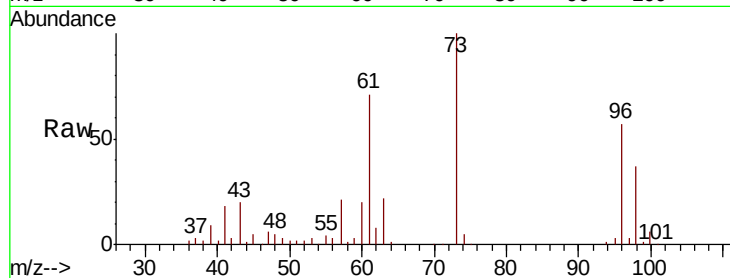
Tot Ion: 96 Resp: 100565

Ion Ratio Lower Upper

96 100

61 124.1 107.8 161.6

98 64.9 50.2 75.2



#22

Diisopropyl ether

Concen: 50.044 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion: 45 Resp: 231013

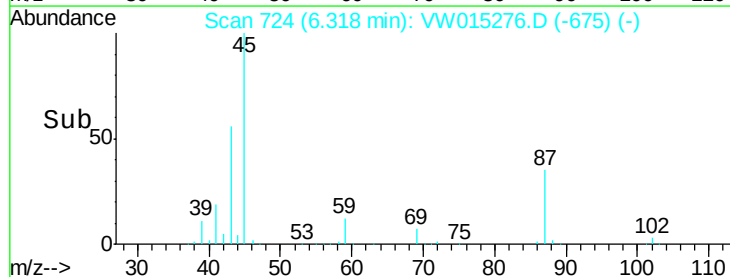
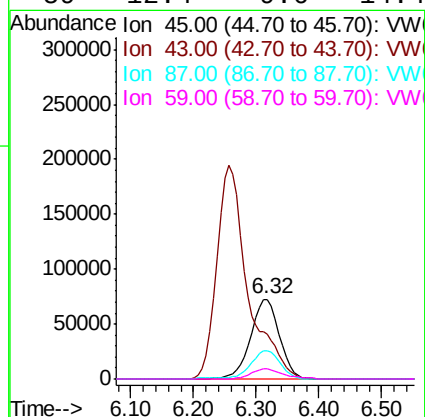
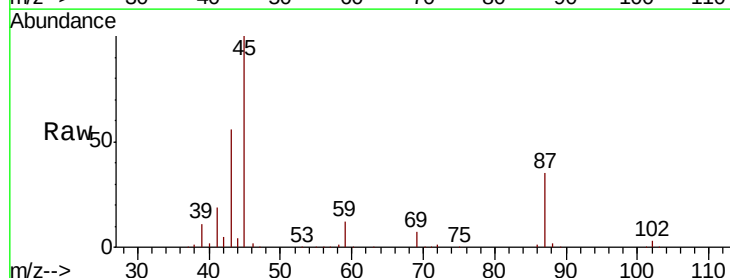
Ion Ratio Lower Upper

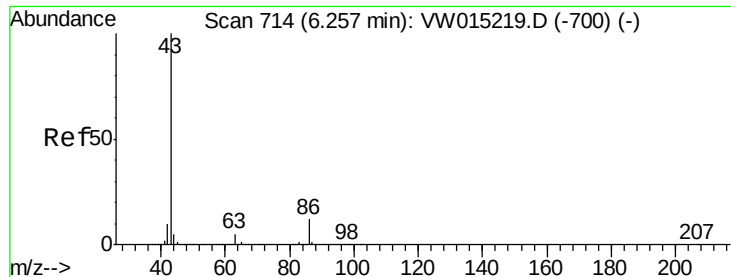
45 100

43 55.4 41.8 62.6

87 35.3 23.2 34.8#

59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 245.275 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

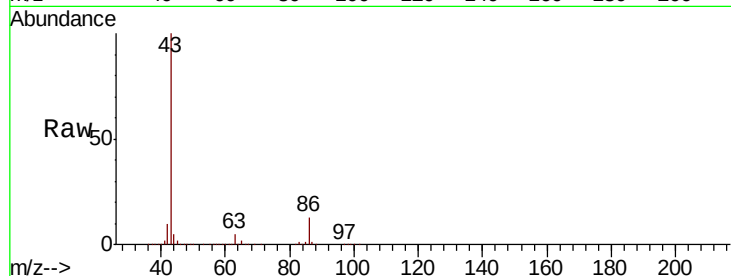
ClientSampleId :

Tot Ion: 43 Resp: 664429

Ion Ratio Lower Upper

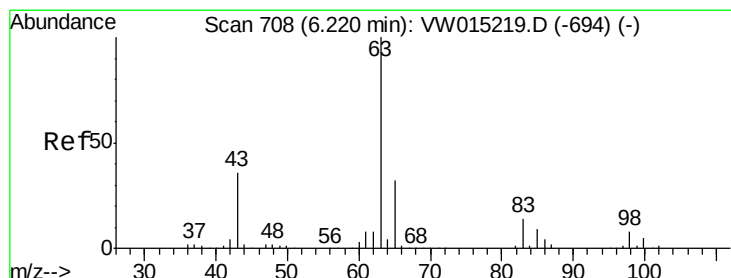
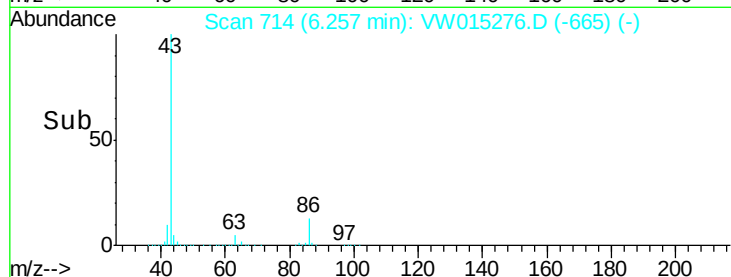
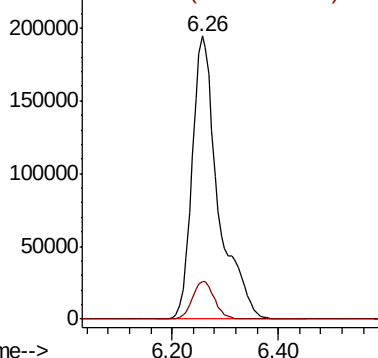
43 100

86 13.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.102 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

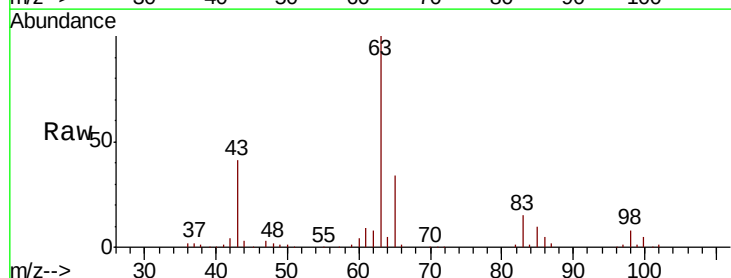
Tgt Ion: 63 Resp: 157091

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

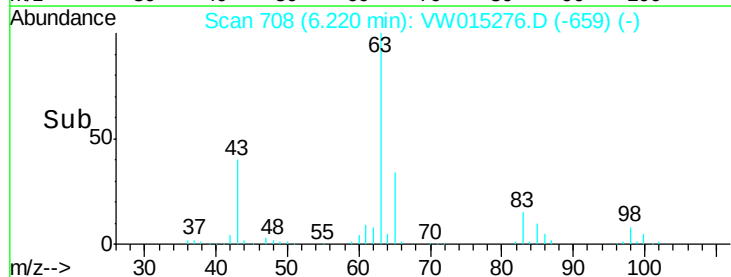
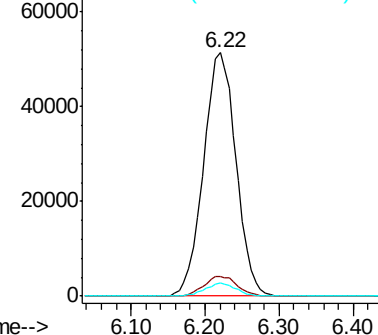
100 5.2 2.4 7.2

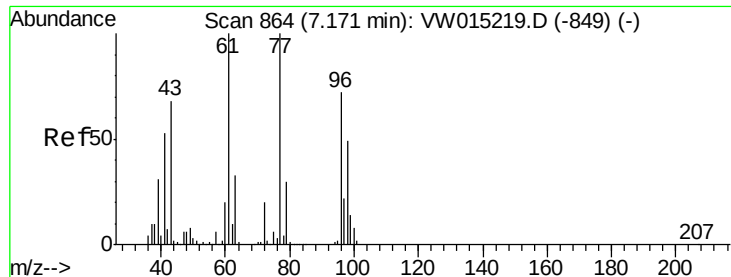


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 230.019 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

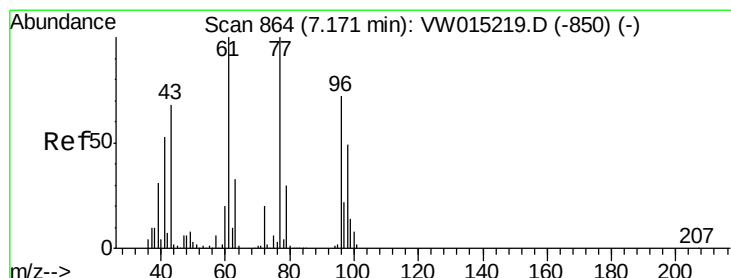
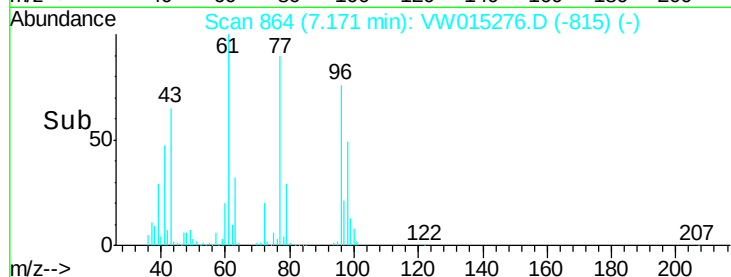
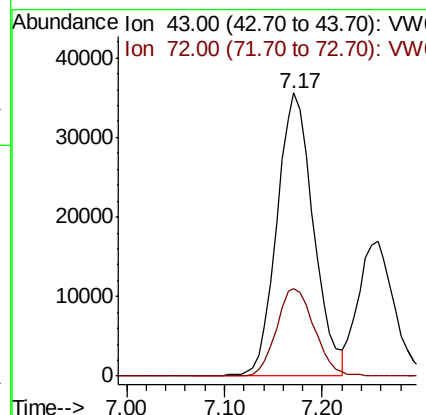
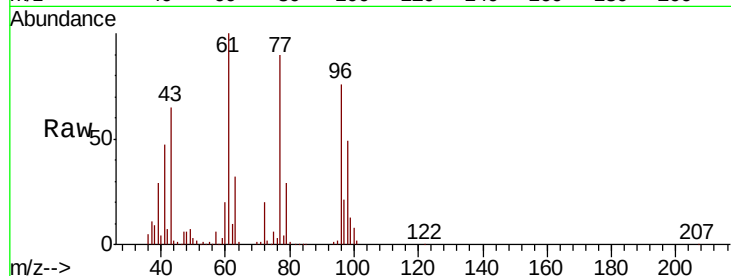
ClientSampled :

Tot Ion: 43 Resp: 92693

Ion Ratio Lower Upper

43 100

72 30.9 21.6 32.4



#26

2,2-Dichloropropane

Concen: 43.595 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015276.D

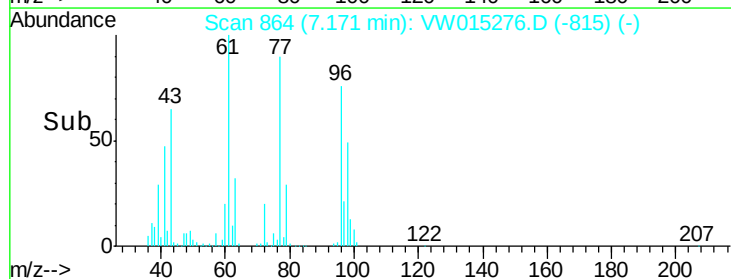
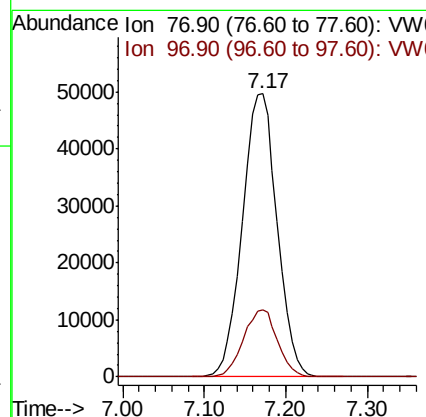
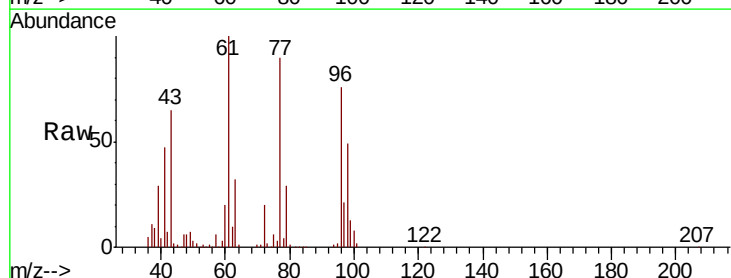
Acq: 21 Apr 2020 21:20

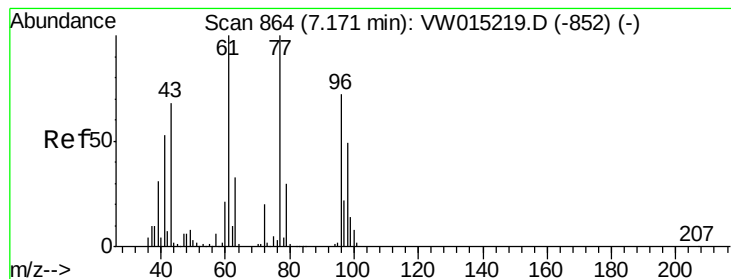
Tgt Ion: 77 Resp: 146730

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.493 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampled :

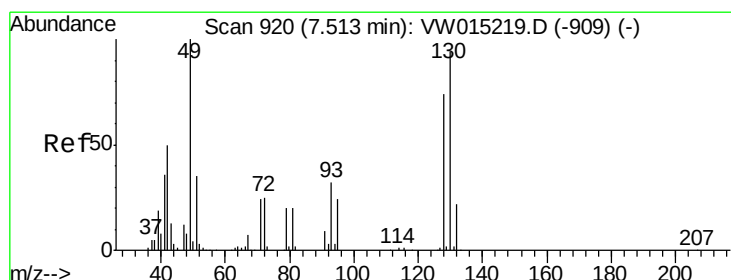
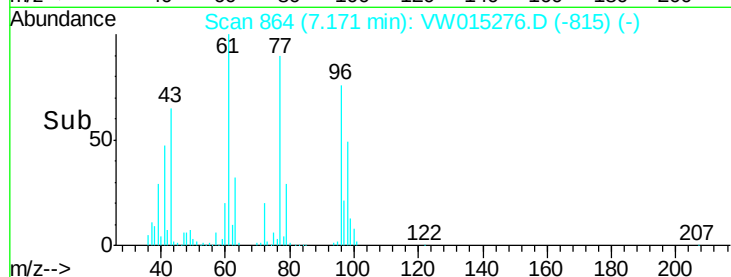
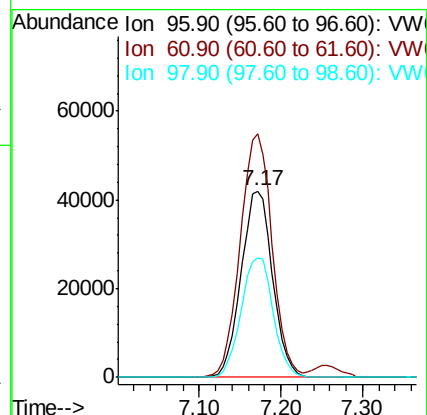
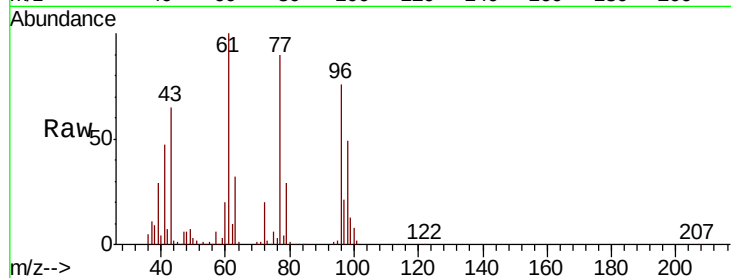
Tot Ion: 96 Resp: 112139

Ion Ratio Lower Upper

96 100

61 132.5 0.0 275.0

98 65.4 0.0 130.8



#28

Bromochloromethane

Concen: 48.318 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

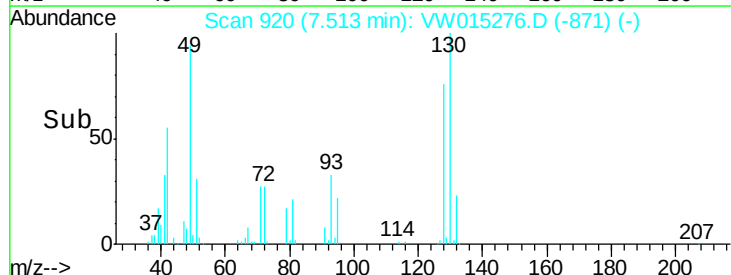
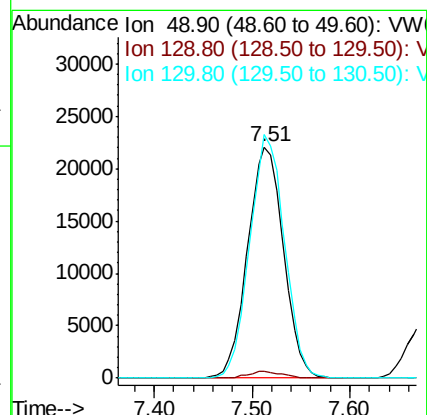
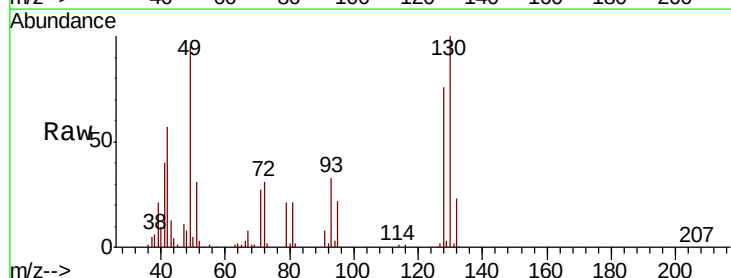
Tgt Ion: 49 Resp: 56203

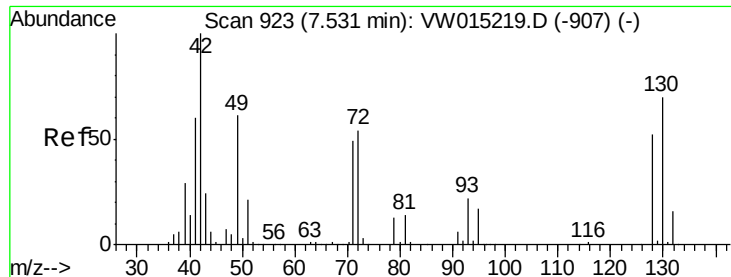
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 102.3 60.9 91.3#





#29

Tetrahydrofuran

Concen: 242.465 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampled :

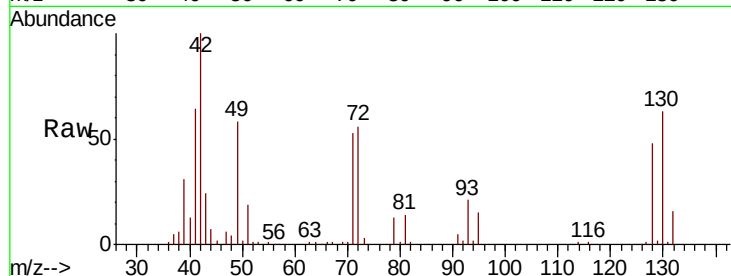
Tot Ion: 42 Resp: 60874

Ion Ratio Lower Upper

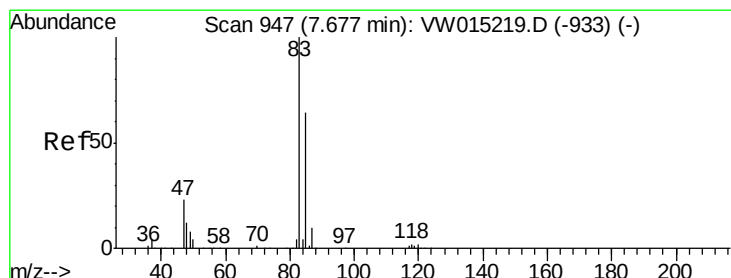
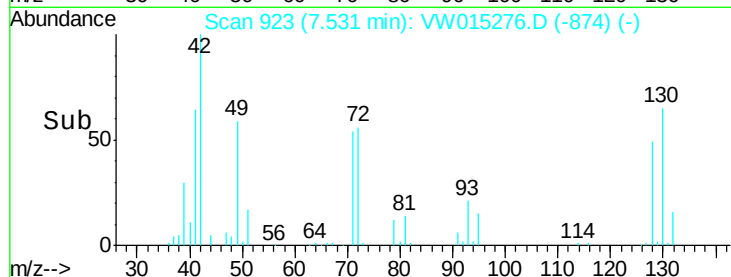
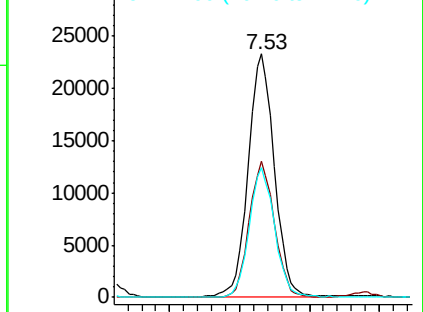
42 100

72 53.9 36.2 54.2

71 51.5 34.2 51.4#



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: 50.319 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015276.D

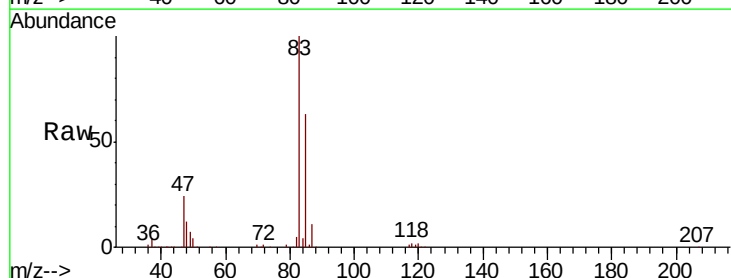
Acq: 21 Apr 2020 21:20

Tgt Ion: 83 Resp: 173746

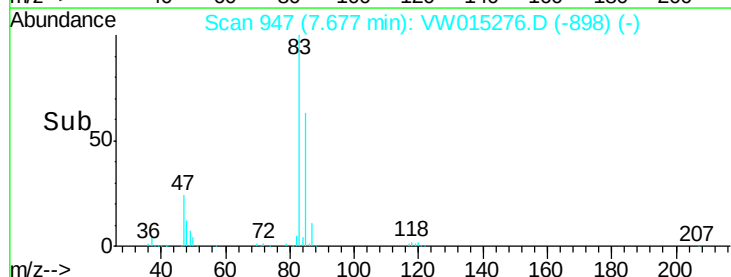
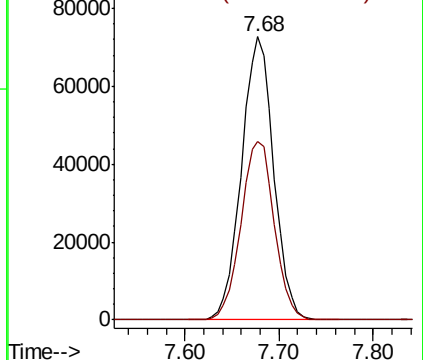
Ion Ratio Lower Upper

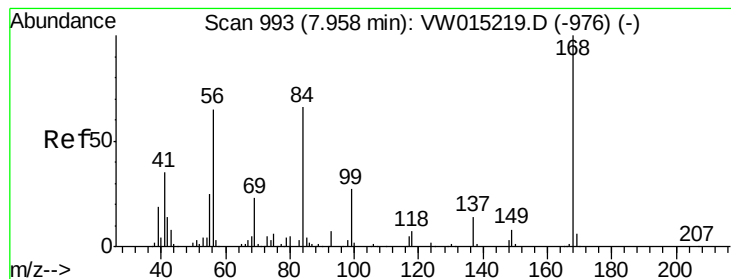
83 100

85 62.8 50.9 76.3



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





#31

Cyclohexane

Concen: 42.345 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

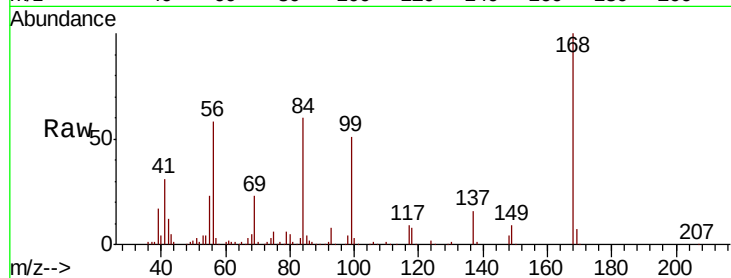
Tot Ion: 56 Resp: 136176

Ion Ratio Lower Upper

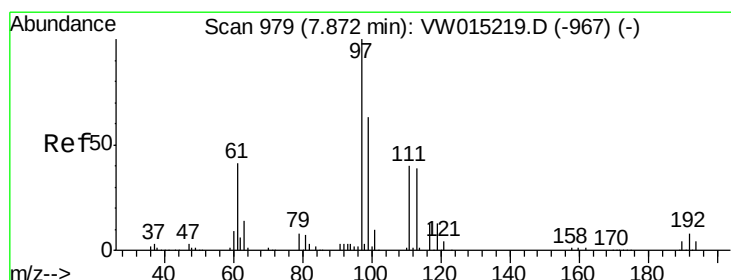
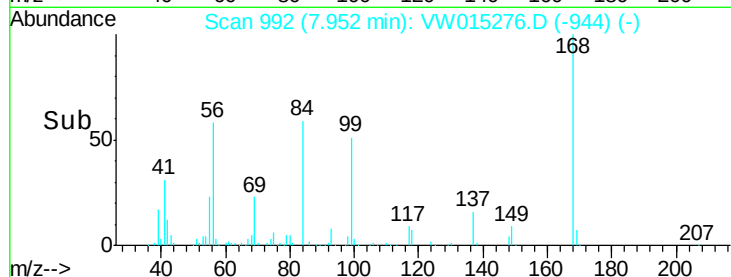
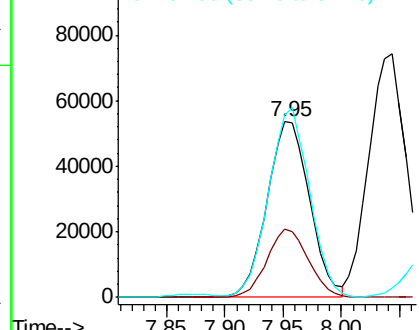
56 100

69 38.8 27.1 40.7

84 101.6 71.9 107.9



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: 47.756 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

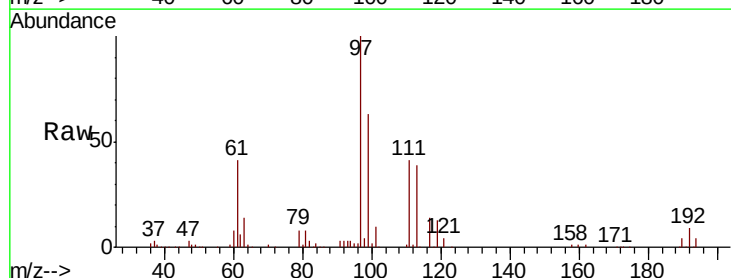
Tgt Ion: 97 Resp: 159148

Ion Ratio Lower Upper

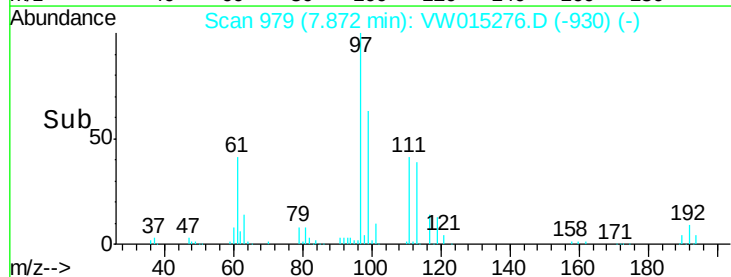
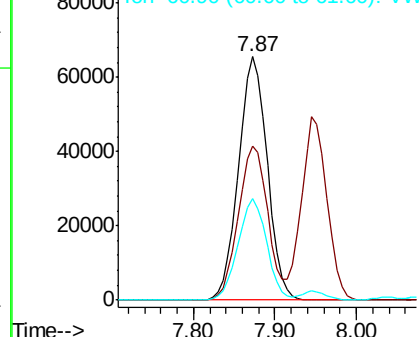
97 100

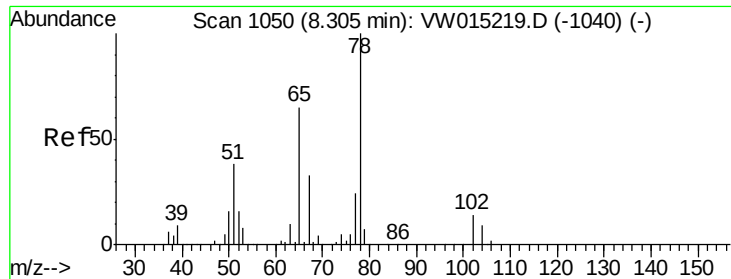
99 65.7 52.2 78.2

61 41.6 34.2 51.2



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

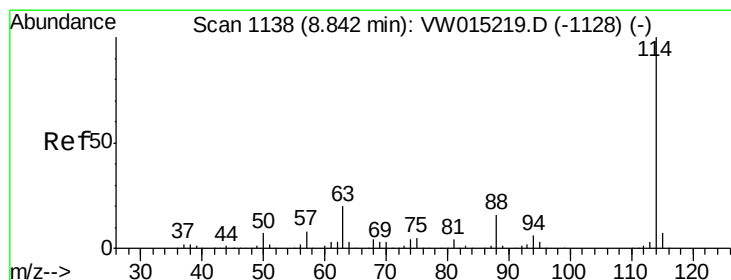
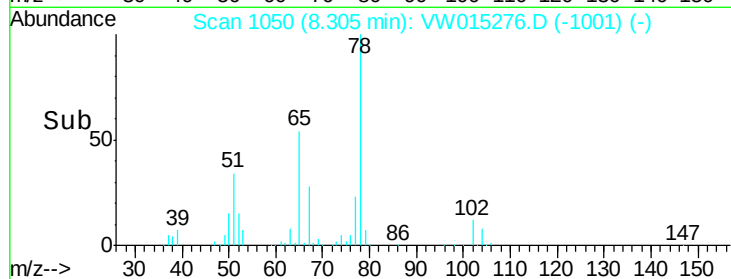
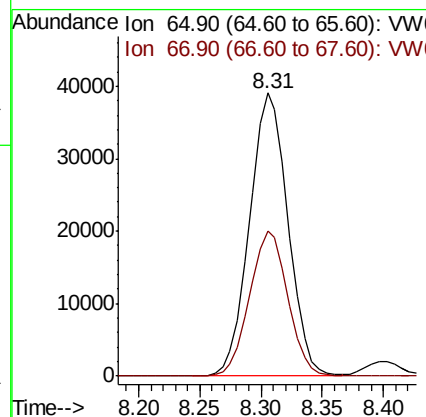
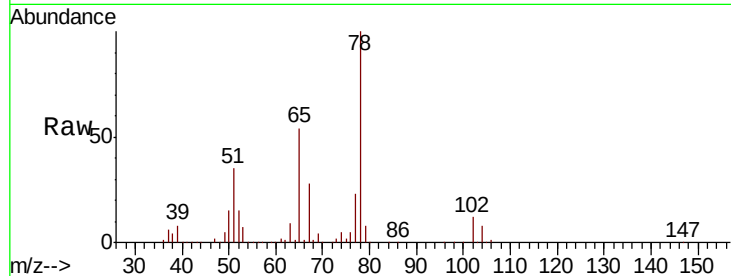




#33
 1,2-Dichloroethane-d4
 Concen: 49.026 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

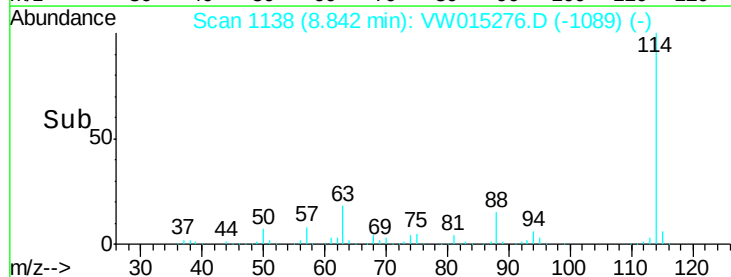
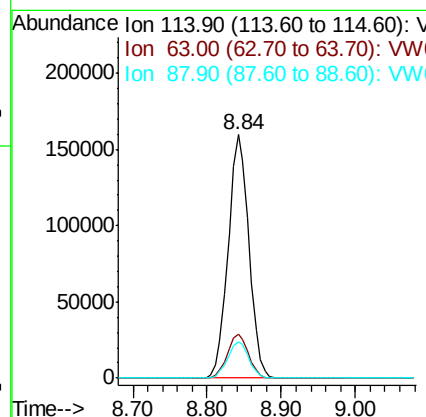
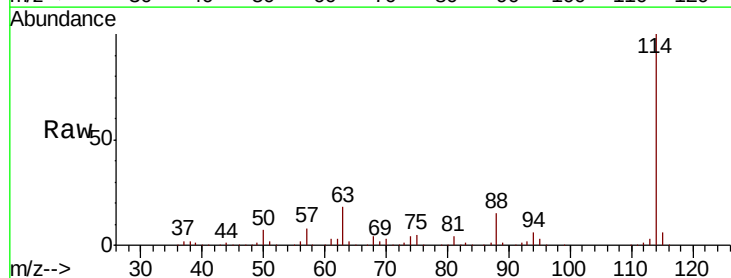
Instrument :
 MSVOA_W
 ClientSampleId :

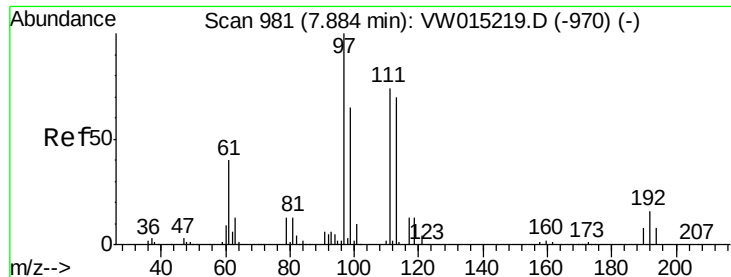
Tot Ion: 65 Resp: 85256
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 114 Resp: 310300
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 14.9 0.0 30.2

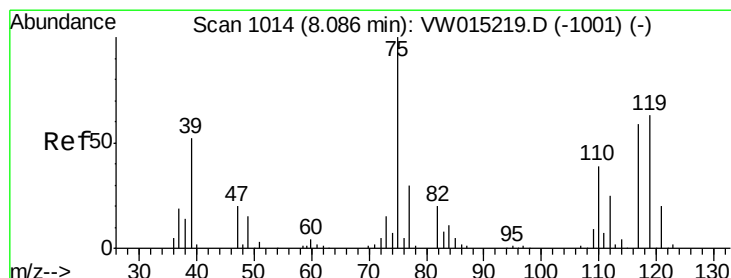
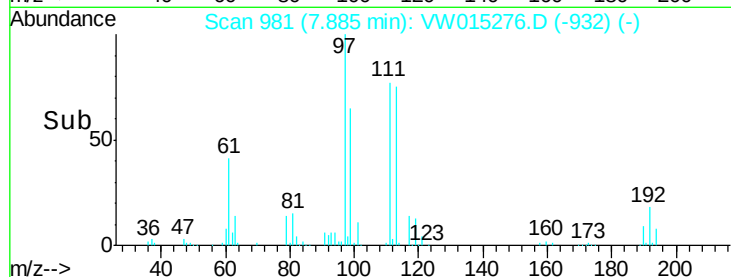
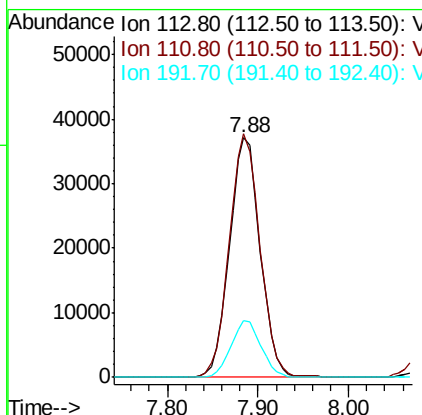
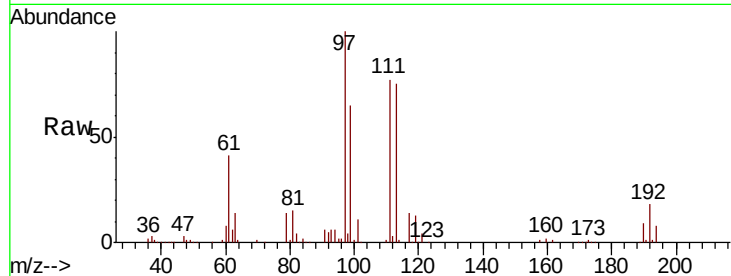




#35
 Dibromofluoromethane
 Concen: 50.654 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

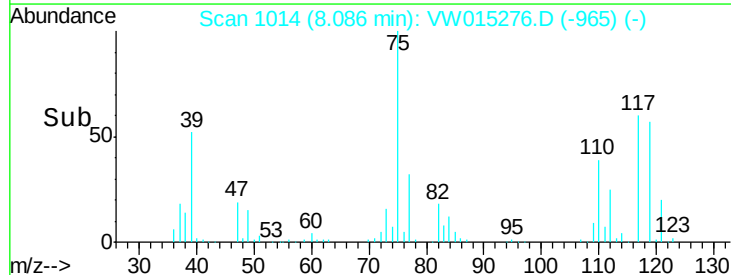
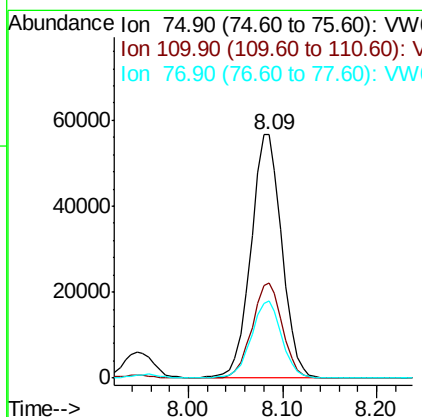
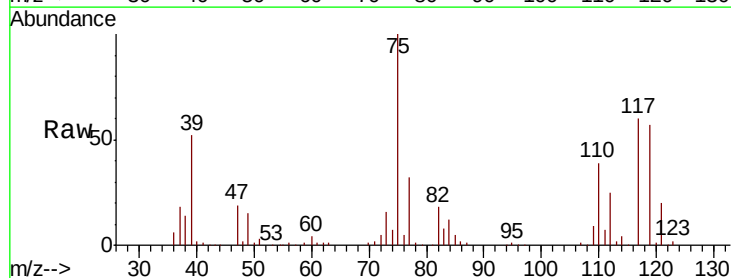
Instrument :
 MSVOA_W
 ClientSampled :

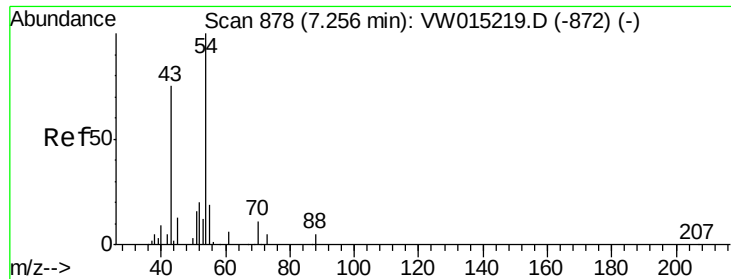
Tot Ion:113 Resp: 87064
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.4
 192 23.1 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 46.511 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 75 Resp: 130260
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.2 54.6
 77 31.3 24.5 36.7

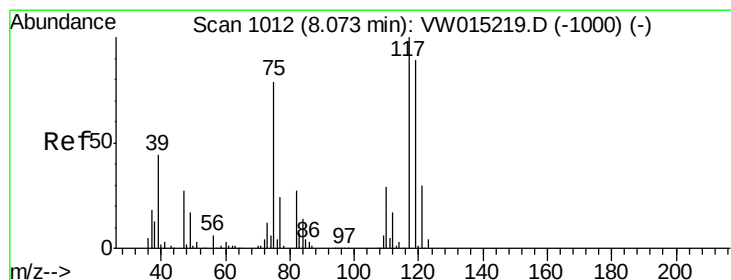
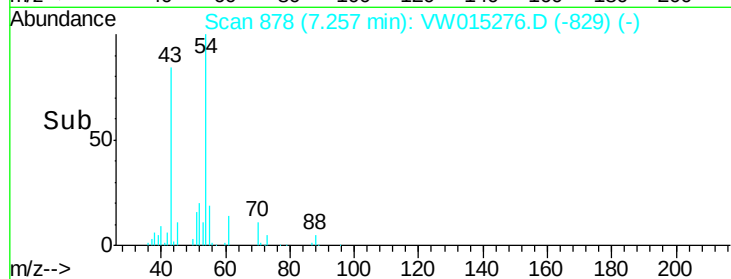
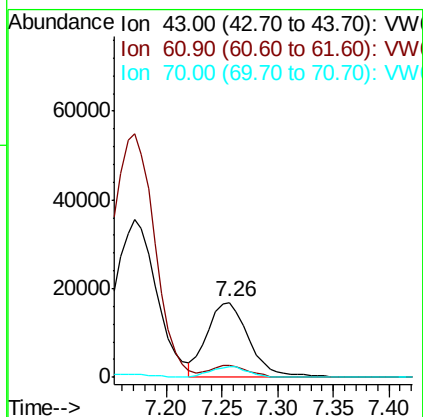
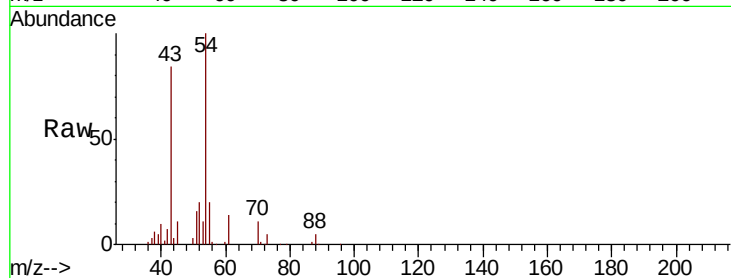




#37
Ethyl Acetate
Concen: 47.705 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

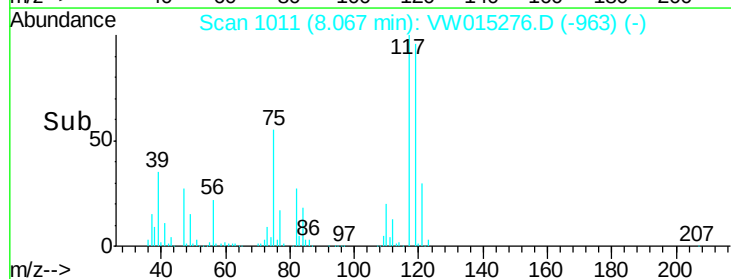
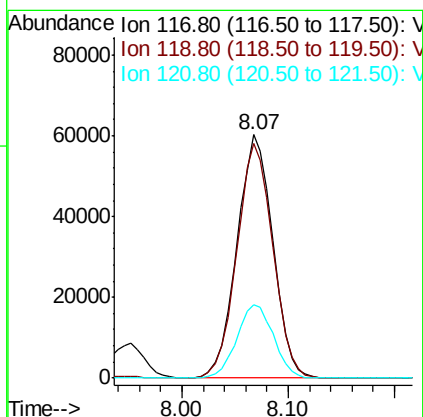
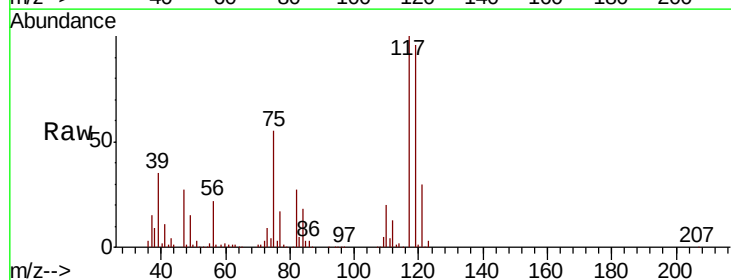
Instrument :
MSVOA_W
ClientSampleId :

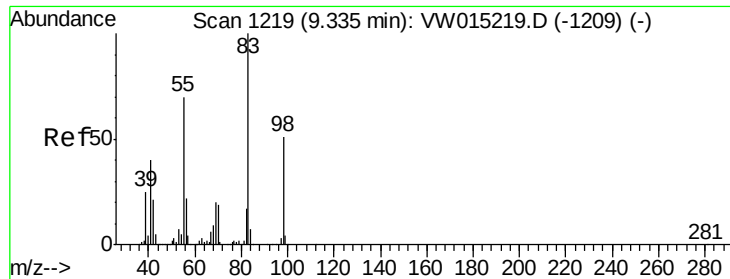
Tot Ion: 43 Resp: 43360
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 13.4 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 46.601 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 117 Resp: 142625
Ion Ratio Lower Upper
117 100
119 96.2 72.3 108.5
121 30.0 23.7 35.5

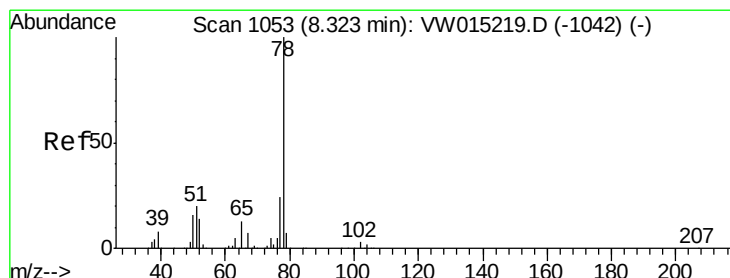
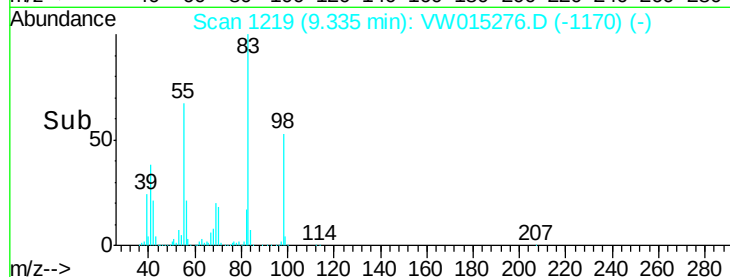
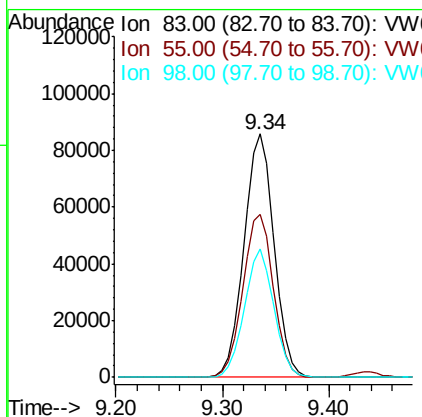
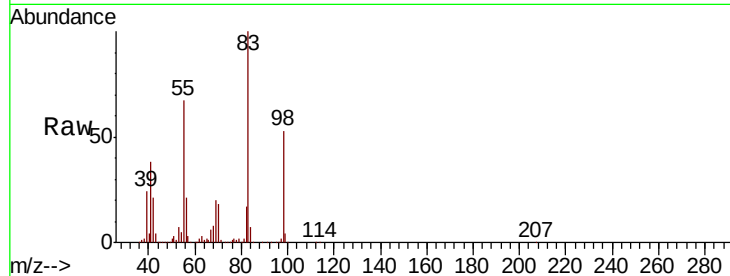




#39
Methylvlcyclohexane
Concen: 45.738 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

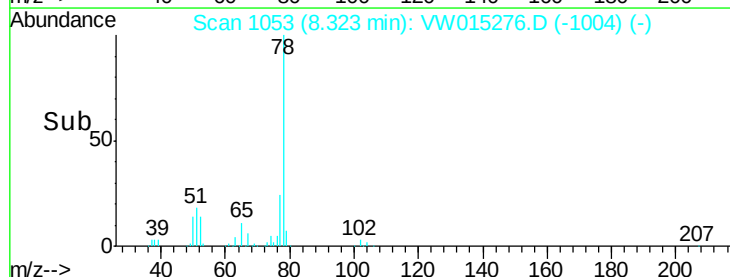
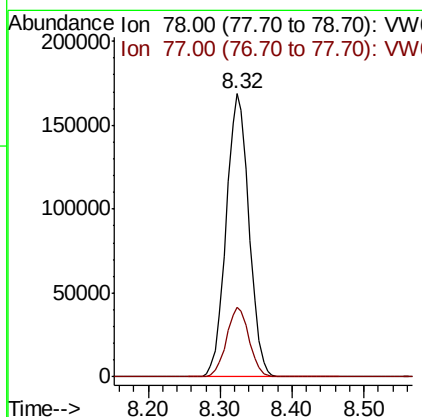
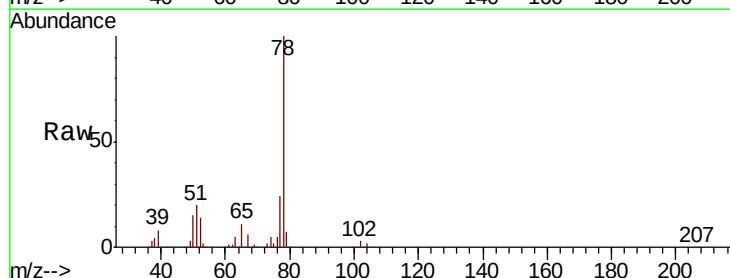
Instrument :
MSVOA_W
ClientSampled :

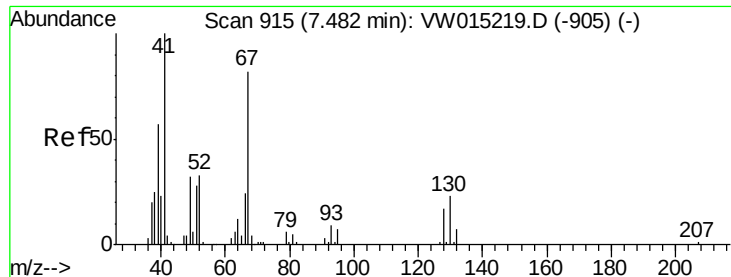
Tot Ion: 83 Resp: 170496
Ion Ratio Lower Upper
83 100
55 66.7 58.1 87.1
98 53.0 40.2 60.4



#40
Benzene
Concen: 49.623 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 78 Resp: 371240
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2

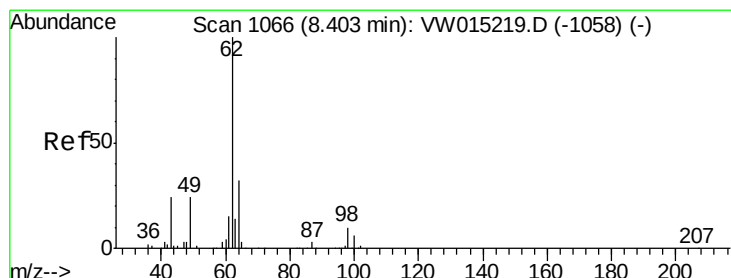
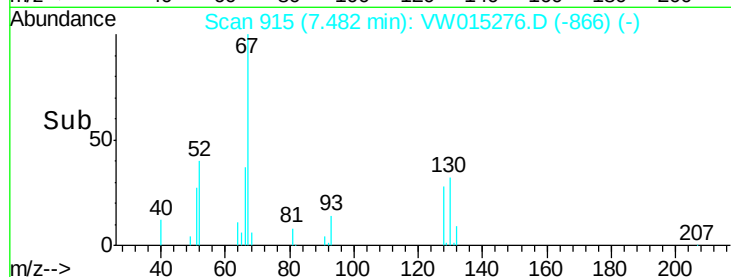
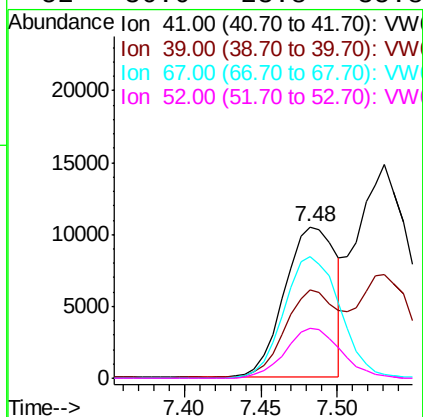
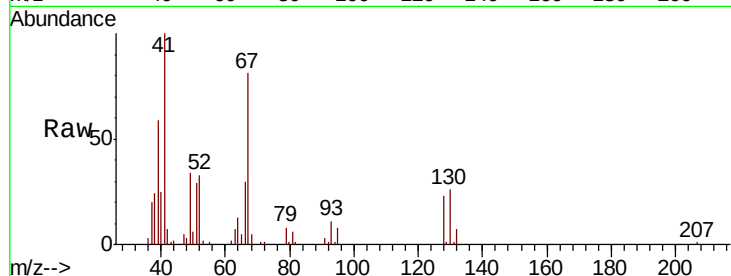




#41
Methacrylonitrile
Concen: 44.814 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

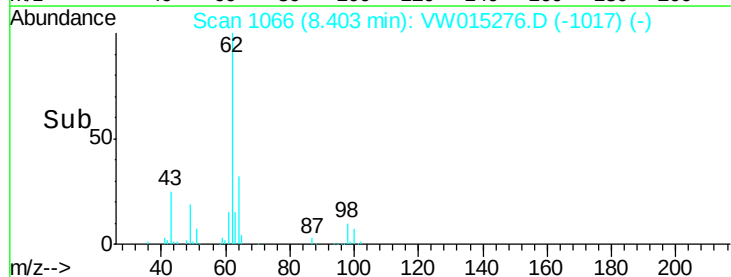
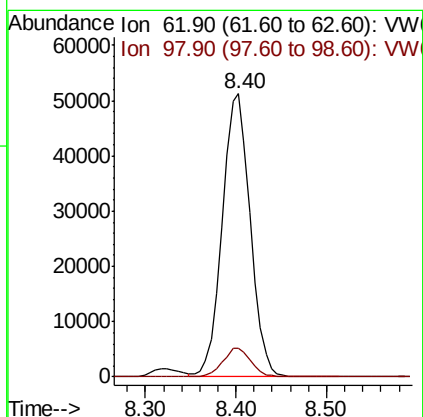
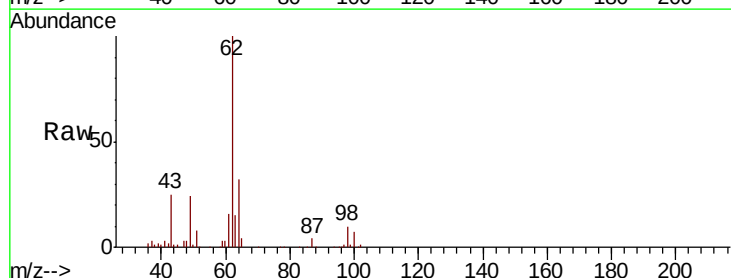
Instrument :
MSVOA_W
ClientSampled :

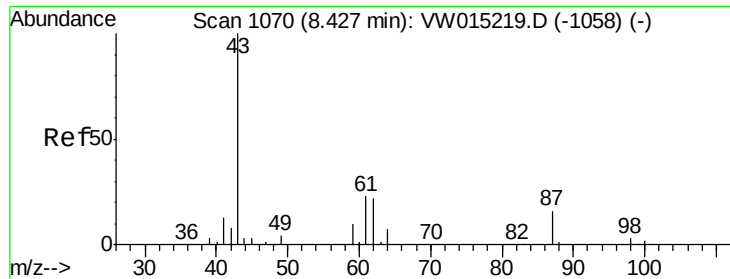
Tot Ion:	41	Resp:	24440
Ion	Ratio	Lower	Upper
41	100		
39	64.7	41.9	62.9#
67	89.5	60.6	91.0
52	36.0	23.8	35.8#



#42
1,2-Dichloroethane
Concen: 49.837 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:	62	Resp:	109761
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 48.045 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

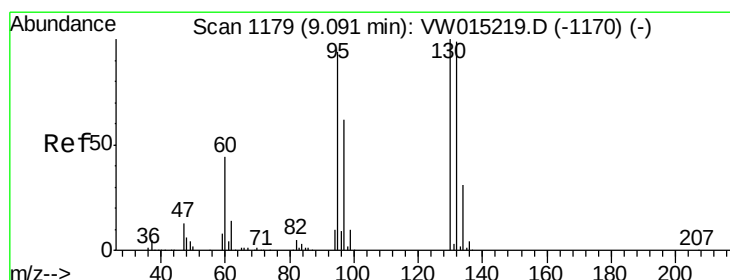
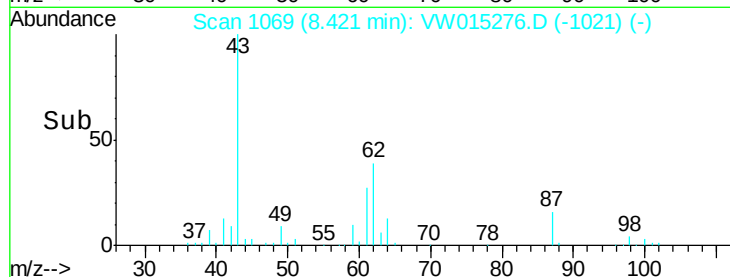
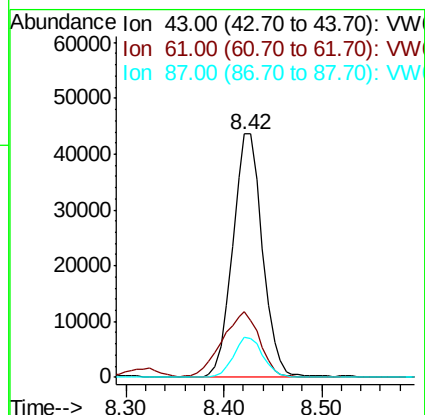
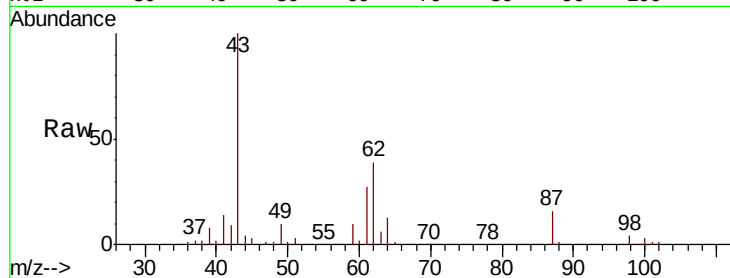
Tot Ion: 43 Resp: 91590

Ion Ratio Lower Upper

43 100

61 34.3 24.8 37.2

87 16.3 11.4 17.2



#44

Trichloroethene

Concen: 51.551 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015276.D

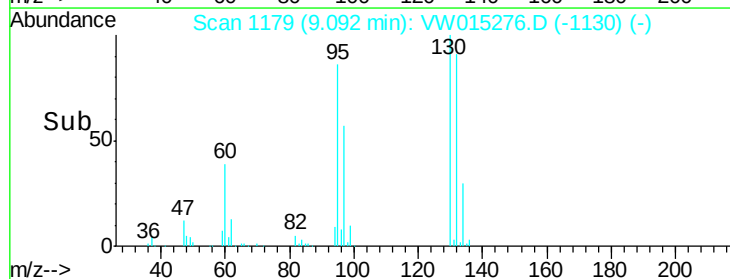
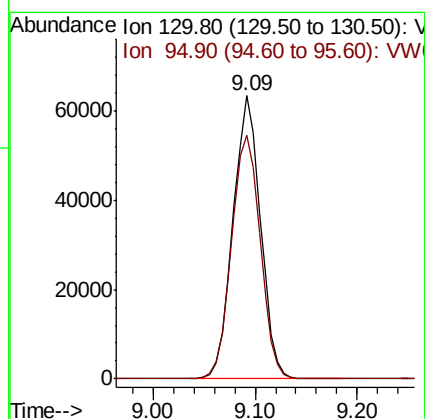
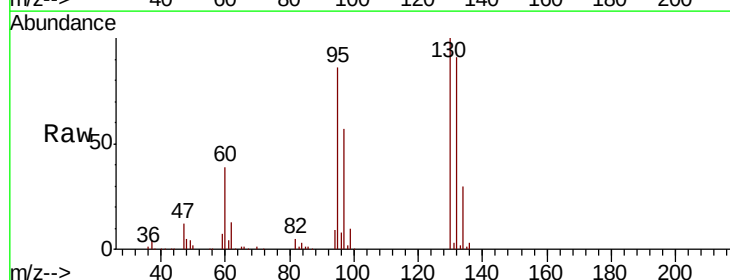
Acq: 21 Apr 2020 21:20

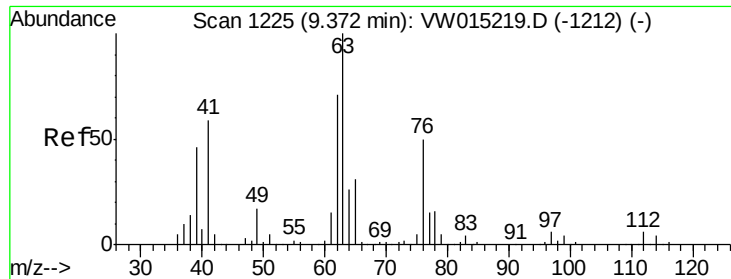
Tgt Ion:130 Resp: 117968

Ion Ratio Lower Upper

130 100

95 86.0 0.0 196.4

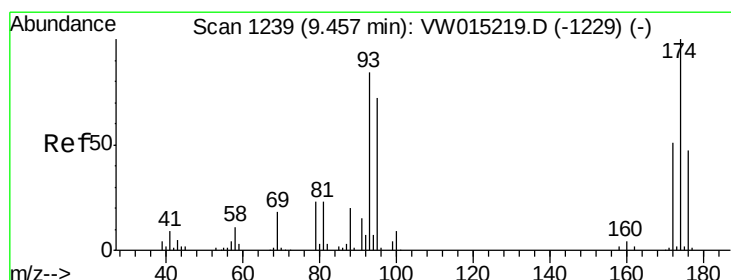
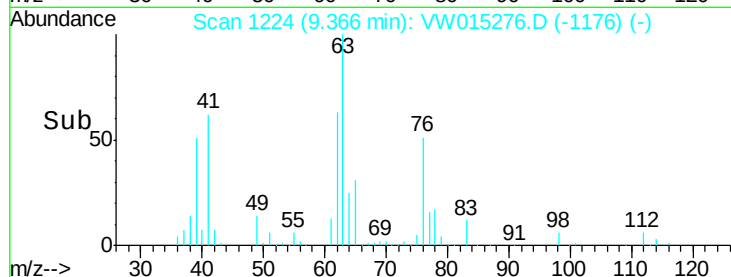
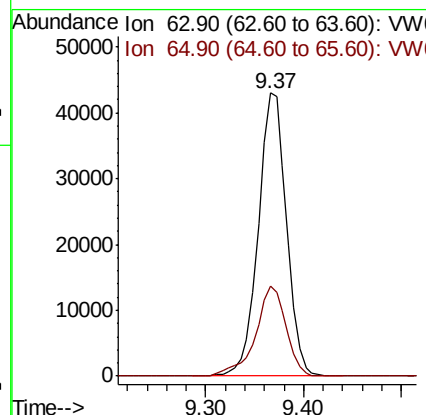
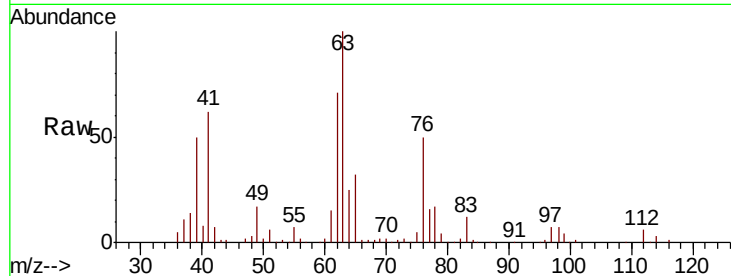




#45
 1,2-Dichloropropane
 Concen: 49.650 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

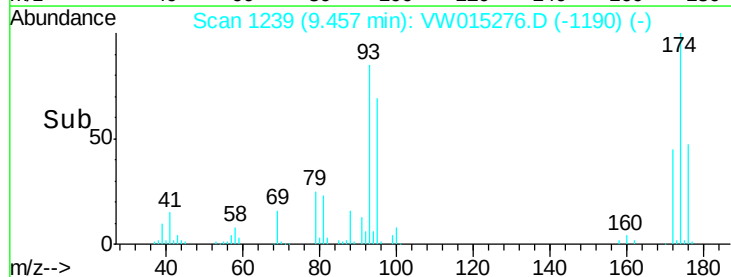
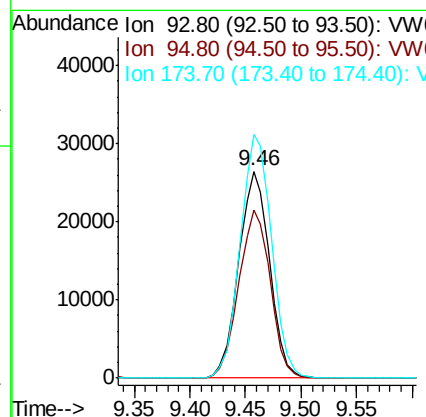
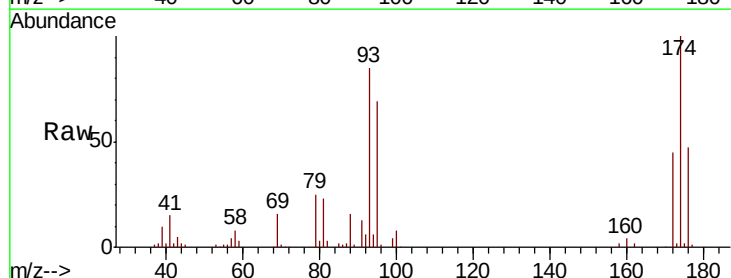
Instrument :
 MSVOA_W
 ClientSampled :

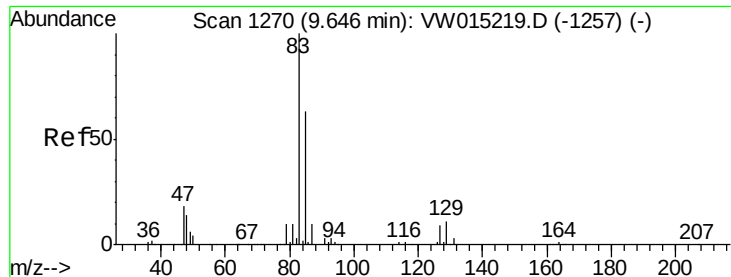
Tot Ion: 63 Resp: 86379
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.5 38.3



#46
 Dibromomethane
 Concen: 50.556 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 93 Resp: 50879
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 119.4 74.1 111.1#

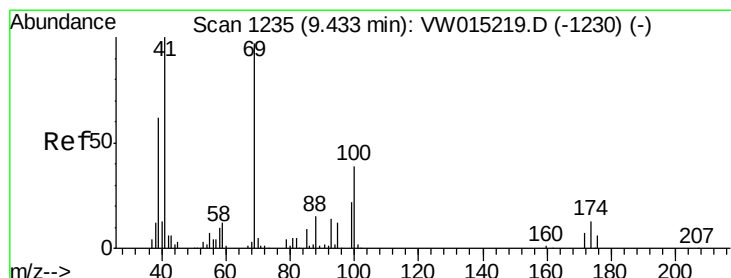
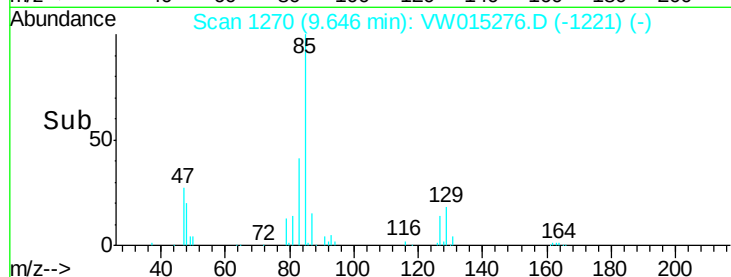
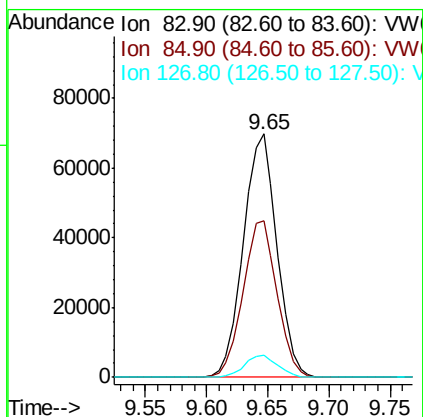
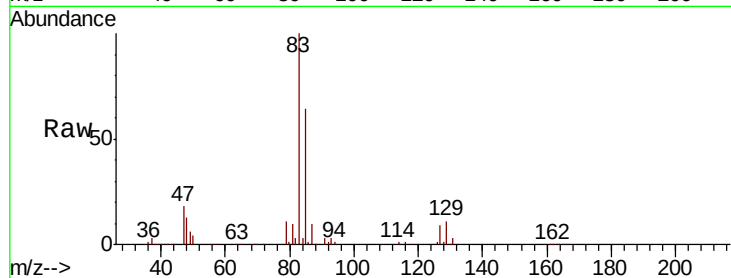




#47
 Bromodichloromethane
 Concen: 49.444 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

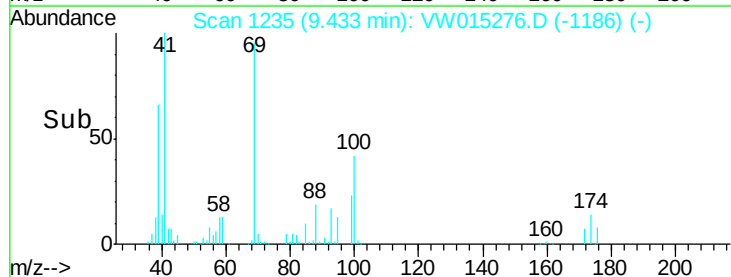
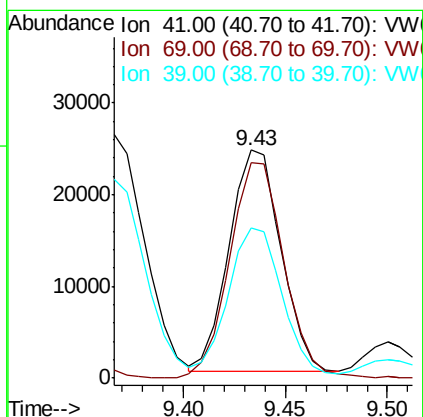
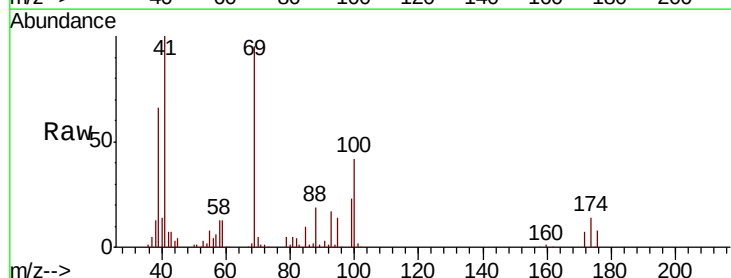
Instrument :
 MSVOA_W
 ClientSampleId :

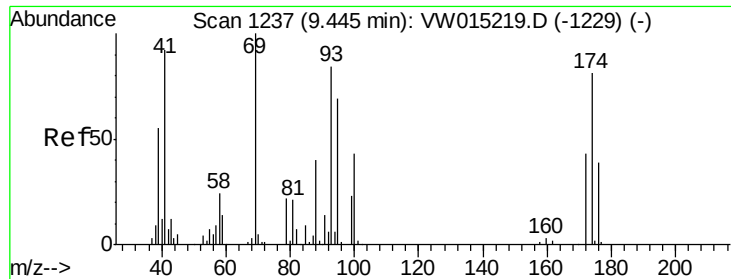
Tot Ion: 83 Resp: 133020
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.6 76.0
 127 9.2 6.7 10.1



#48
 Methyl methacrylate
 Concen: 46.834 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 41 Resp: 42206
 Ion Ratio Lower Upper
 41 100
 69 103.9 70.6 105.8
 39 72.5 42.6 64.0#

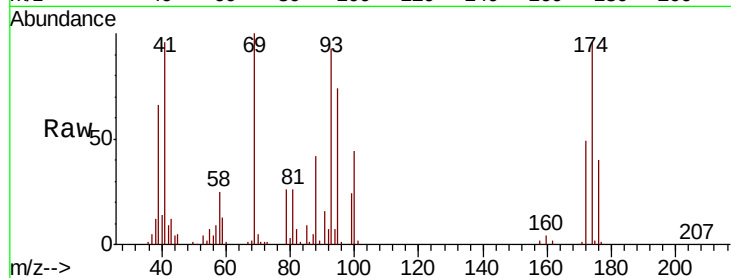




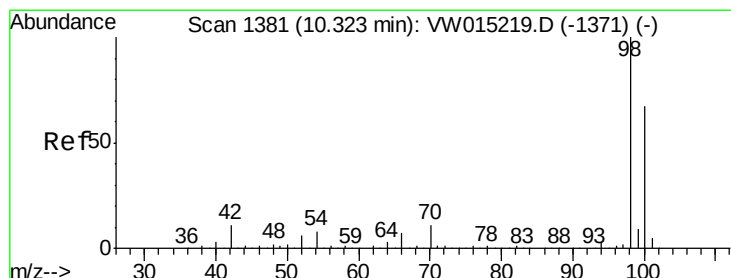
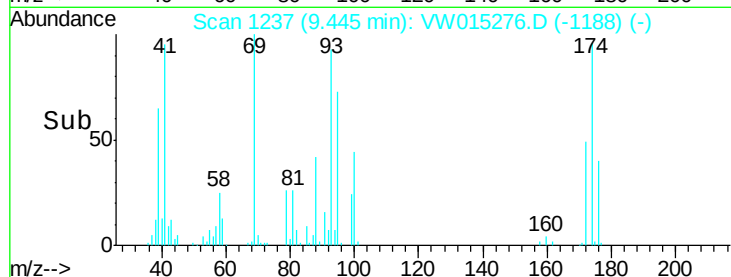
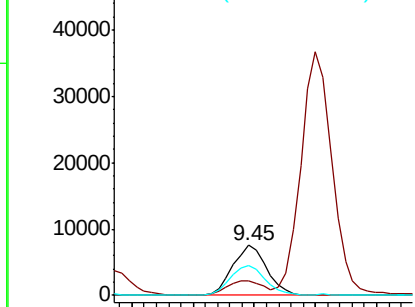
#49
1,4-Dioxane
Concen: 1090.908 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 14636
Ion Ratio Lower Upper
88 100
43 29.2 23.5 35.3
58 60.7 55.4 83.2

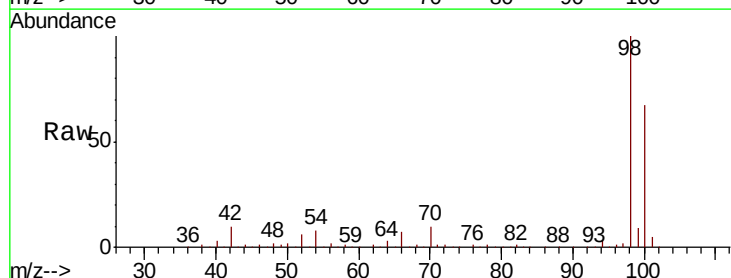


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

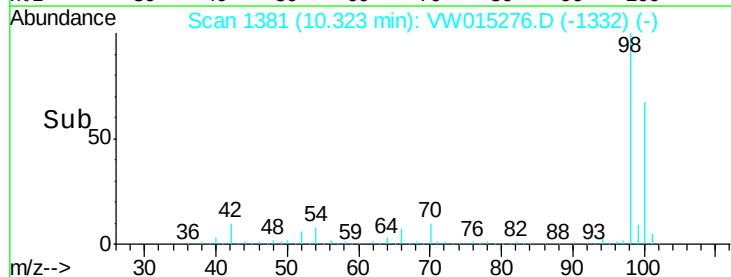
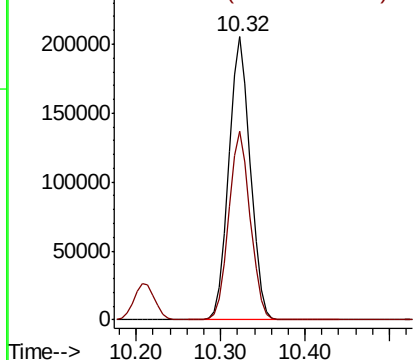


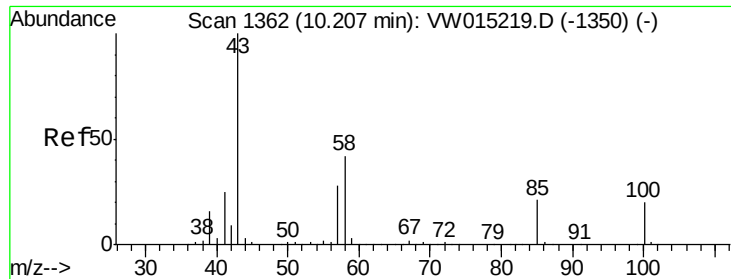
#50
Toluene-d8
Concen: 49.265 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 98 Resp: 356212
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 246.859 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

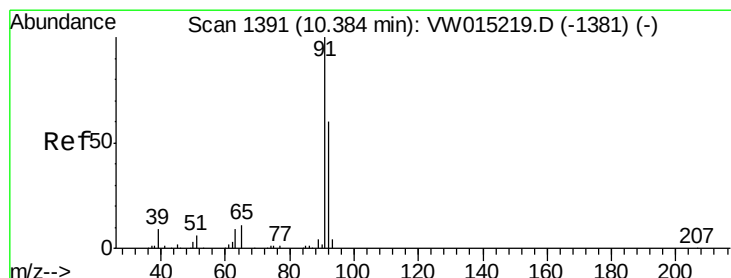
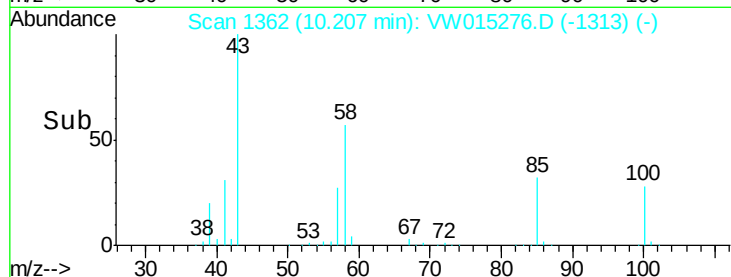
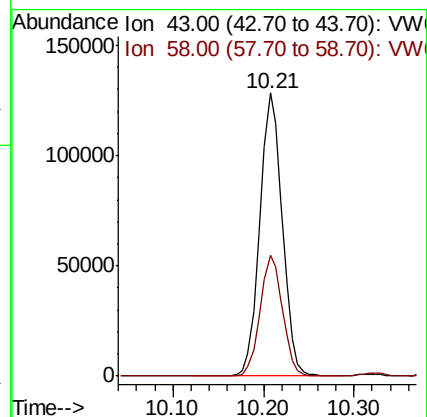
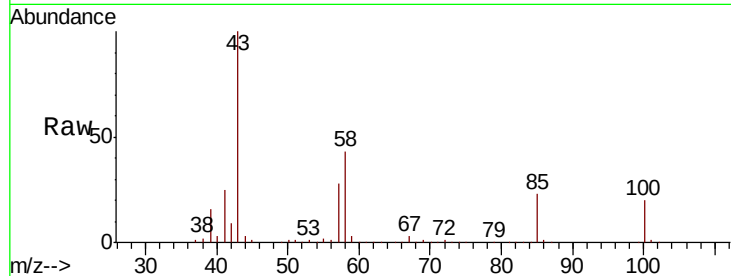
ClientSampled :

Tot Ion: 43 Resp: 220910

Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5



#52

Toluene

Concen: 50.686 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015276.D

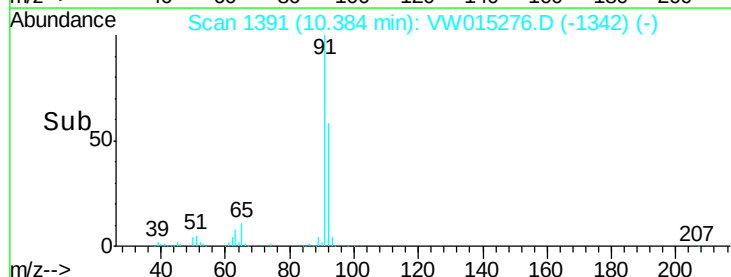
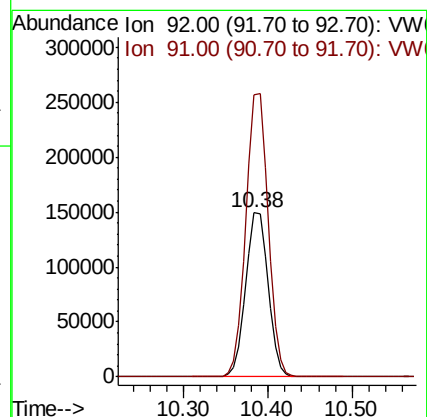
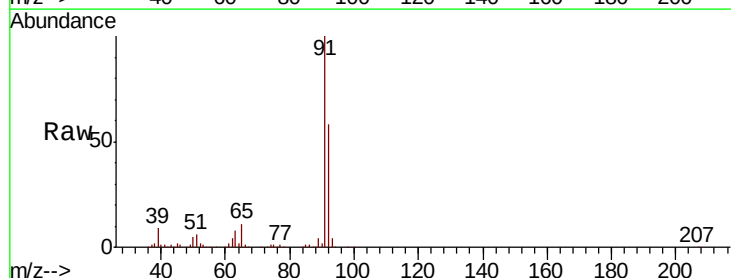
Acq: 21 Apr 2020 21:20

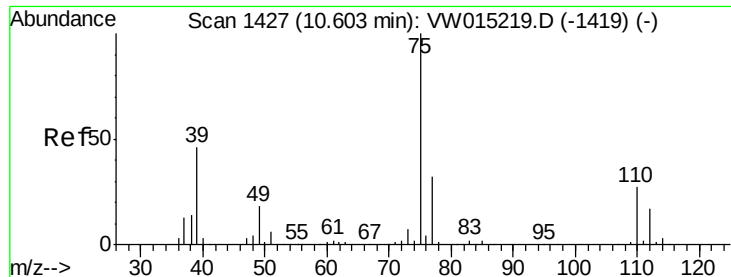
Tgt Ion: 92 Resp: 265382

Ion Ratio Lower Upper

92 100

91 171.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.202 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

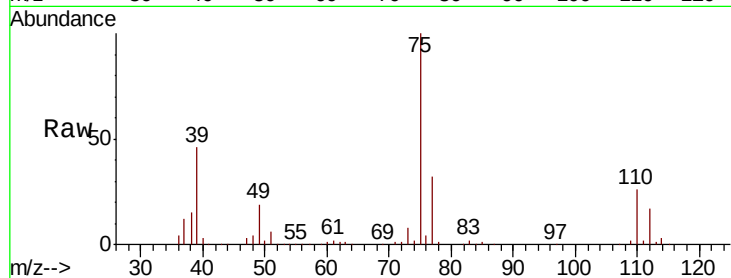
ClientSampled :

Tot Ion: 75 Resp: 130520

Ion Ratio Lower Upper

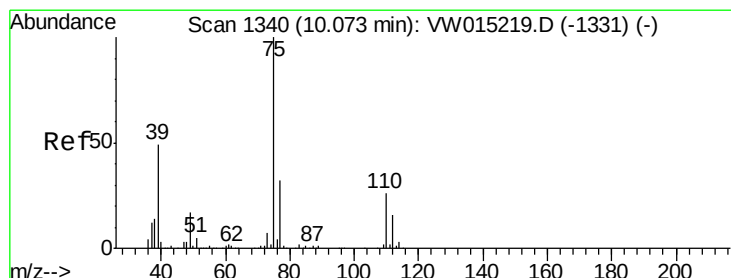
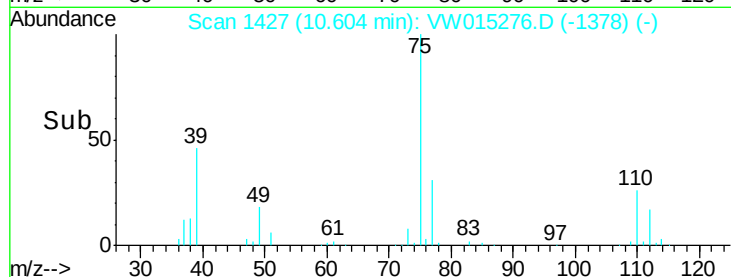
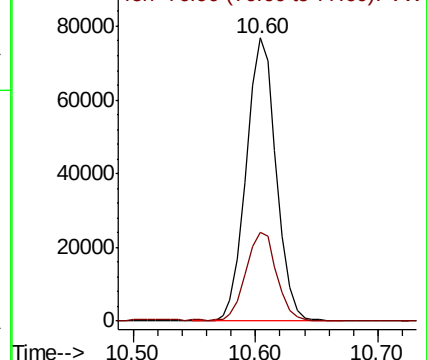
75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 49.551 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

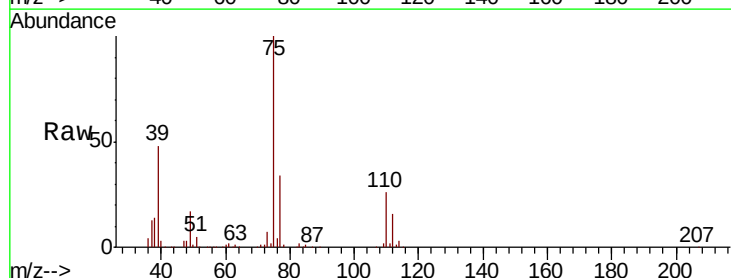
Tgt Ion: 75 Resp: 152784

Ion Ratio Lower Upper

75 100

77 33.6 26.6 39.8

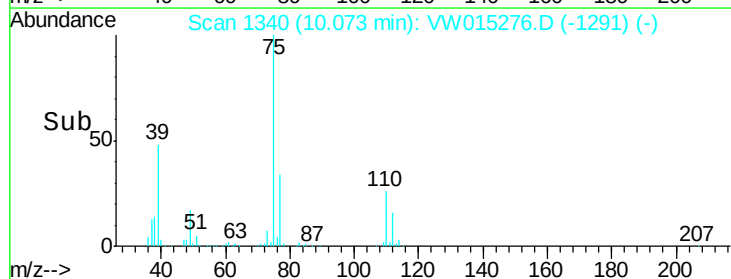
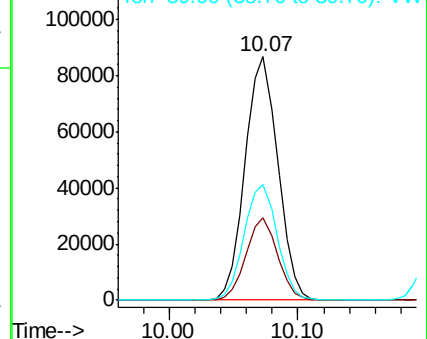
39 47.6 37.8 56.6

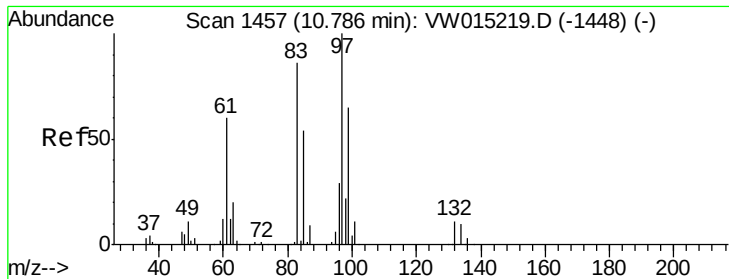


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

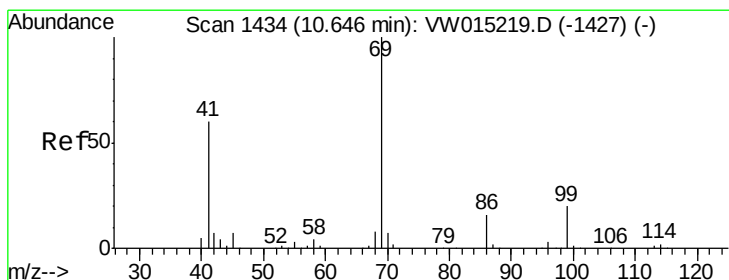
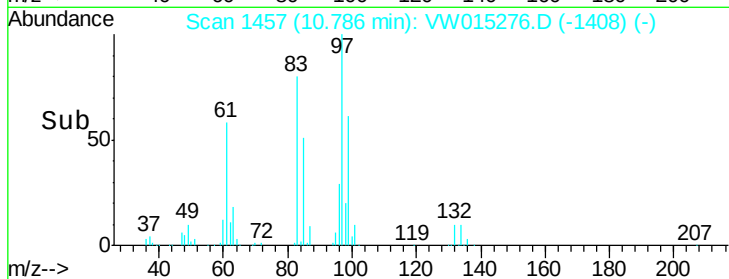
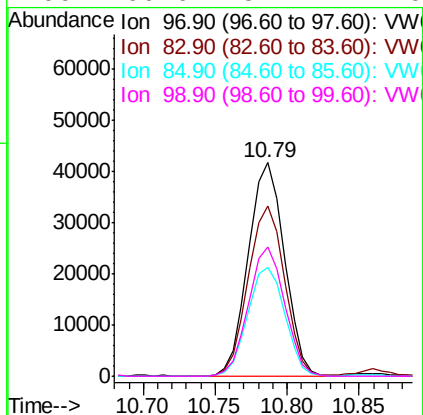
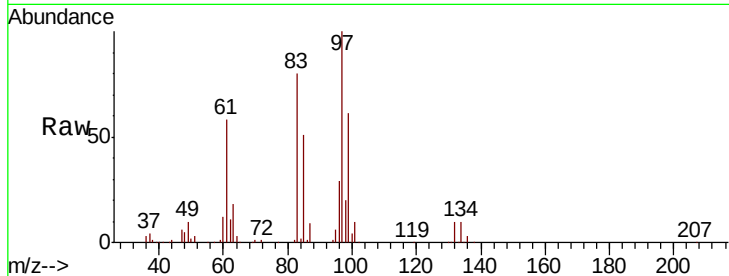




#55
 1,1,2-Trichloroethane
 Concen: 51.633 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

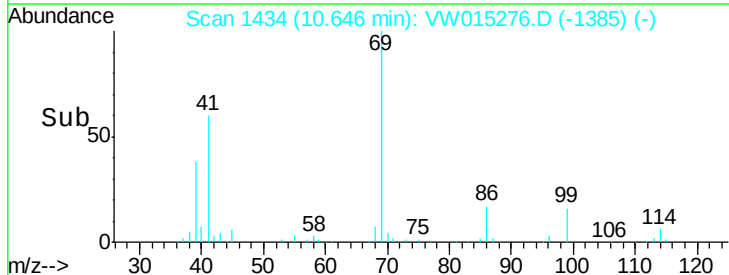
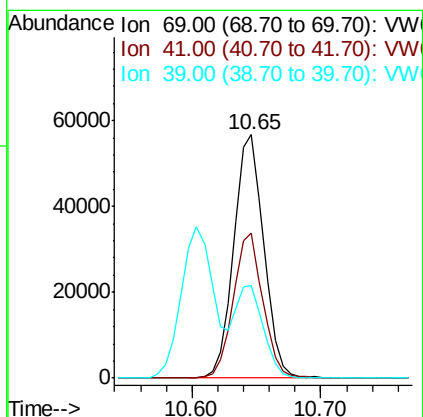
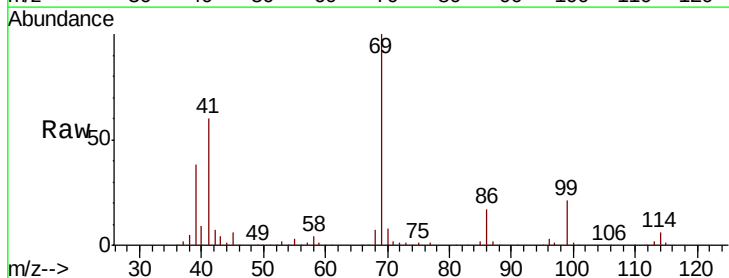
Instrument :
 MSVOA_W
 ClientSampleId :

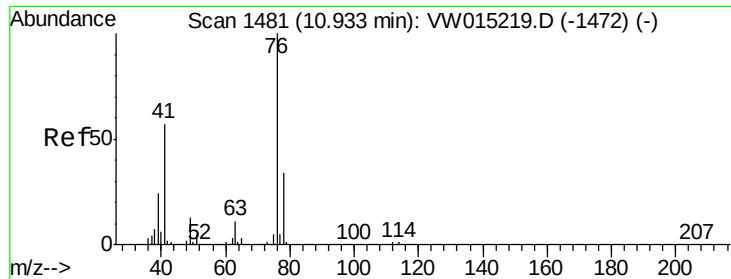
Tot Ion:	97	Resp:	72762
Ion	Ratio	Lower	Upper
97	100		
83	79.7	67.3	100.9
85	51.0	43.8	65.8
99	60.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 50.529 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion:	69	Resp:	91732
Ion	Ratio	Lower	Upper
69	100		
41	58.2	51.3	76.9
39	35.0	24.6	37.0

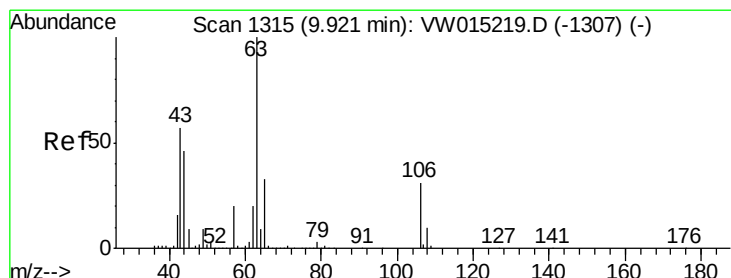
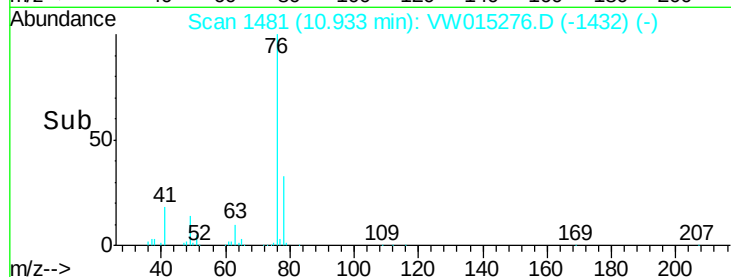
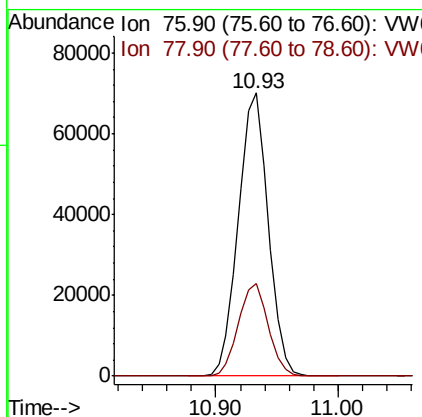
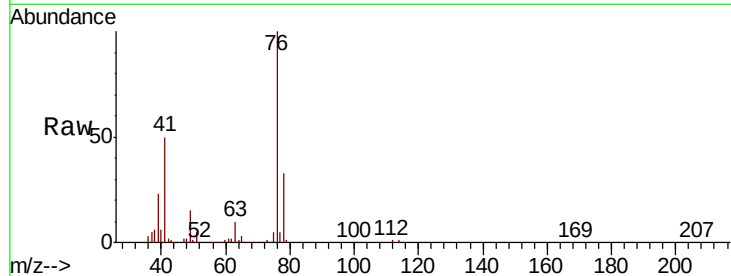




#57
 1,3-Dichloropropane
 Concen: 50.895 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

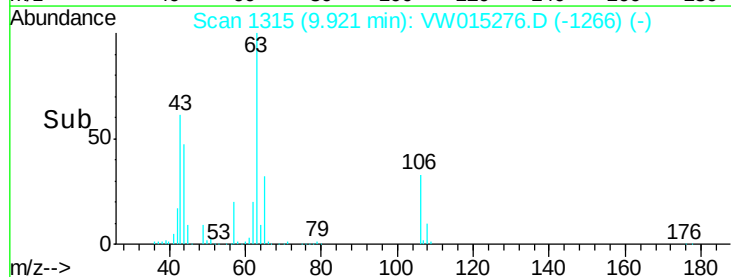
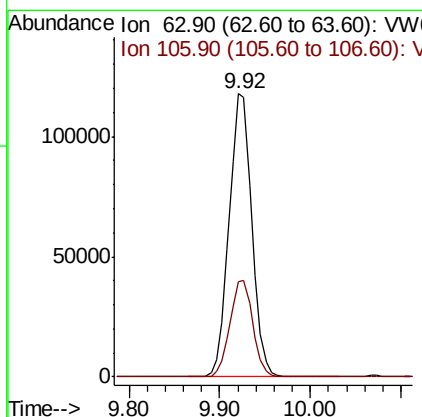
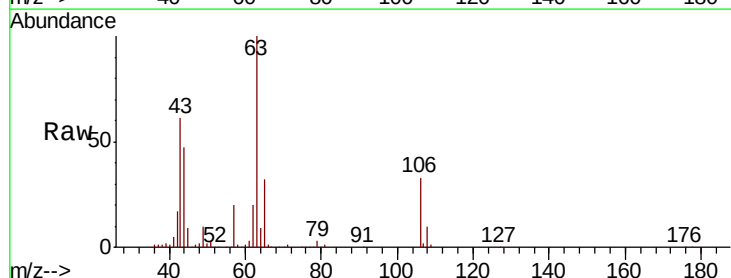
Instrument :
 MSVOA_W
 ClientSampleId :

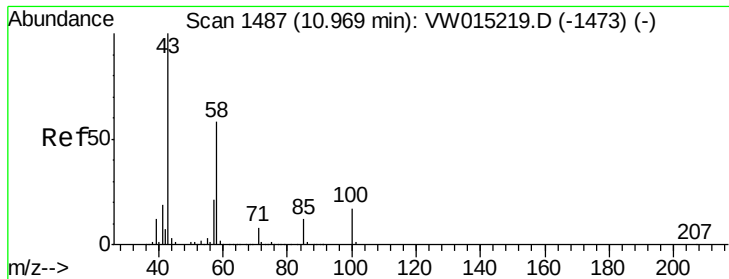
Tot Ion: 76 Resp: 118808
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.204 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 63 Resp: 203853
 Ion Ratio Lower Upper
 63 100
 106 34.5 22.6 33.8#

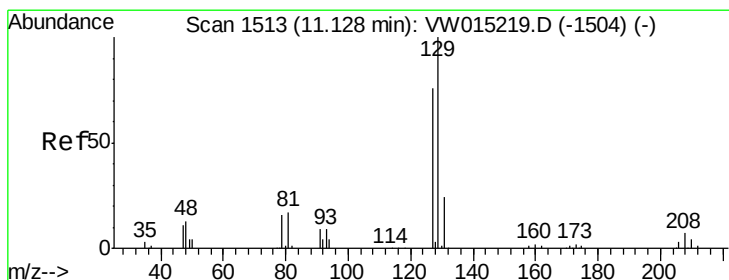
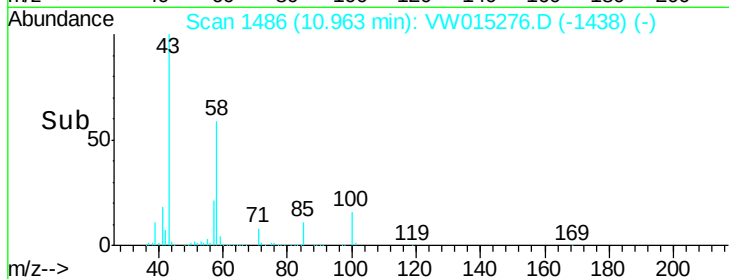
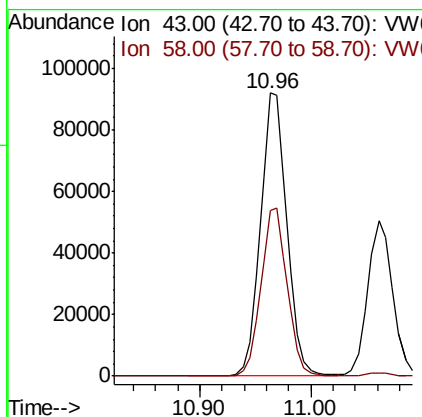
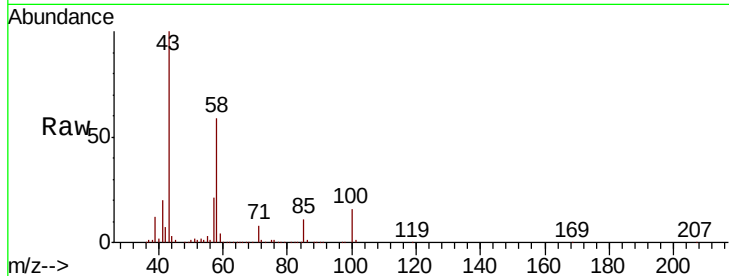




#59
2-Hexanone
Concen: 238.580 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

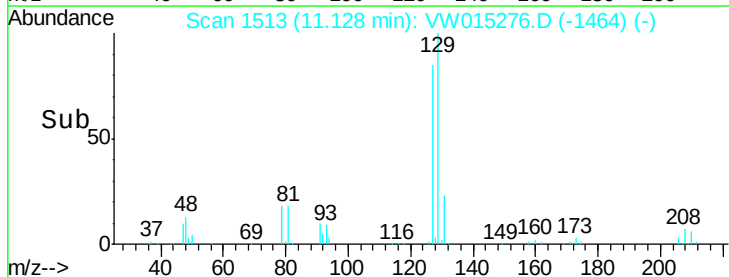
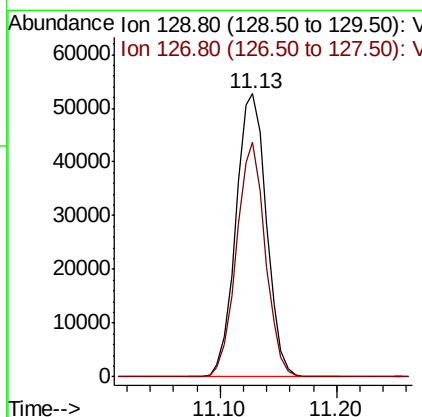
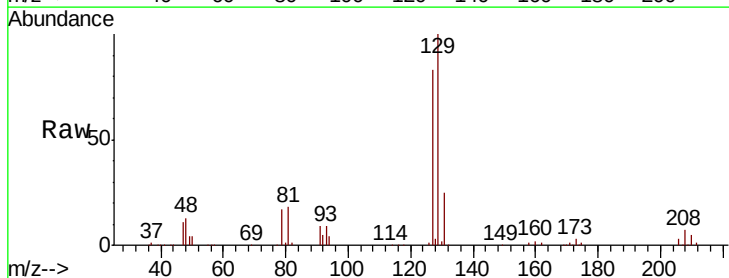
Instrument :
MSVOA_W
ClientSampled :

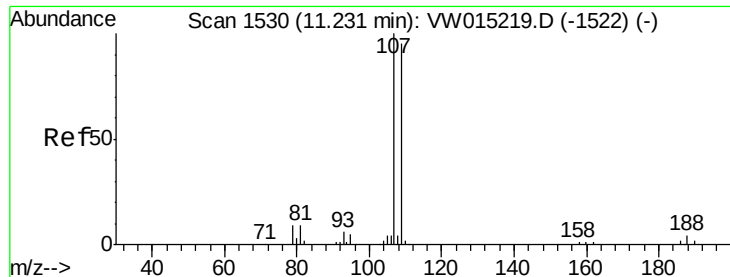
Tot Ion: 43 Resp: 152405
Ion Ratio Lower Upper
43 100
58 58.7 28.1 84.3



#60
Dibromochloromethane
Concen: 51.749 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:129 Resp: 96286
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8

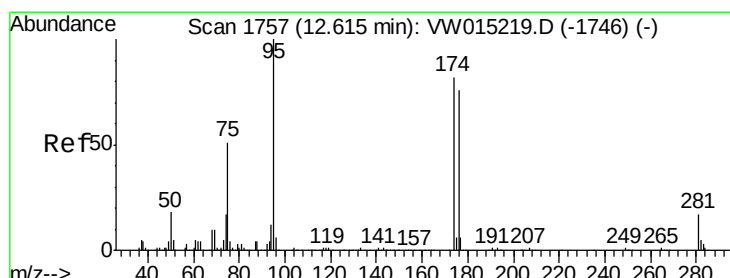
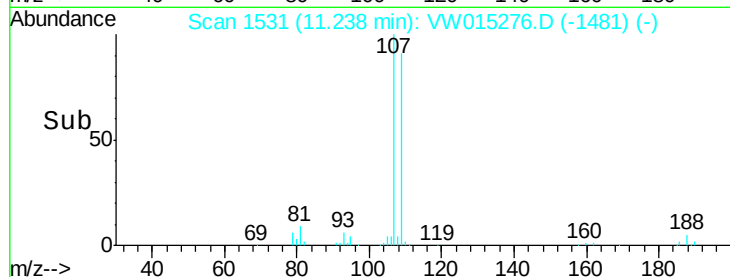
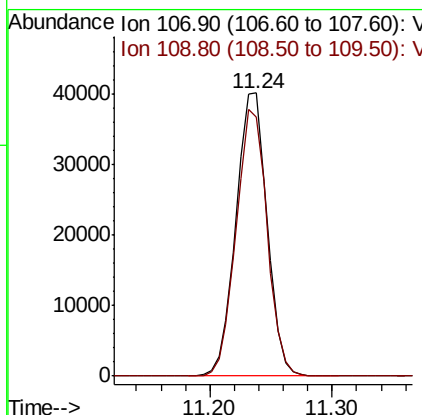
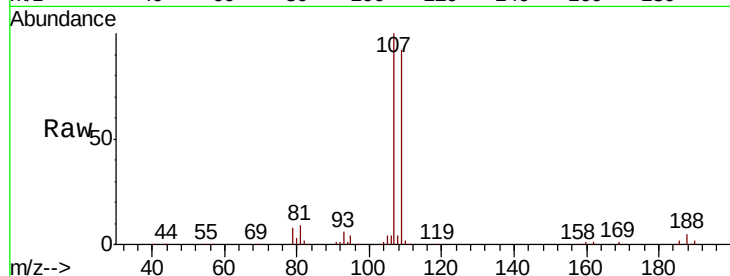




#61
 1,2-Dibromoethane
 Concen: 51.634 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

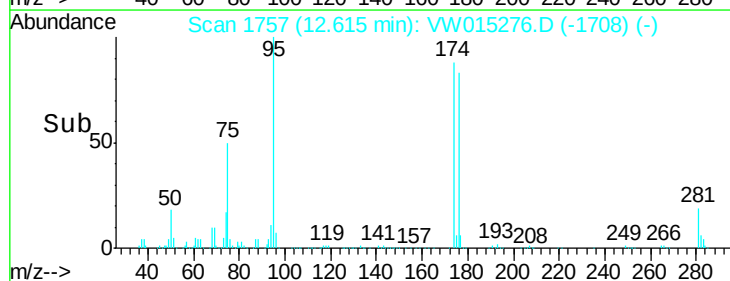
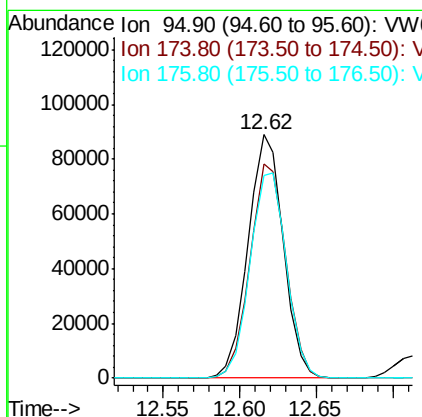
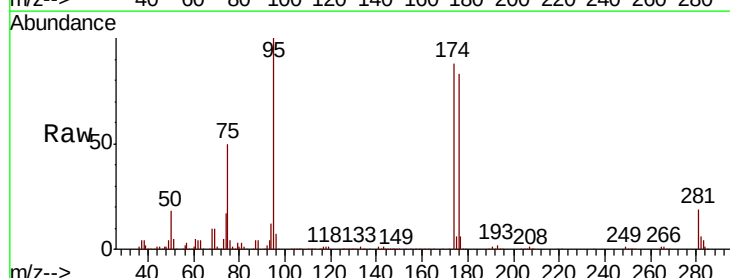
Instrument :
 MSVOA_W
 ClientSampleId :

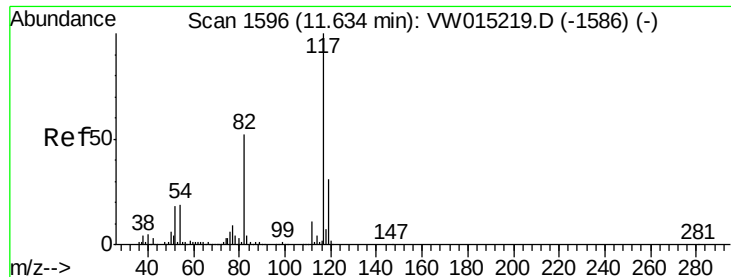
Tot Ion:107 Resp: 71000
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 51.664 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 95 Resp: 142529
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 144.4
 176 87.4 0.0 140.6

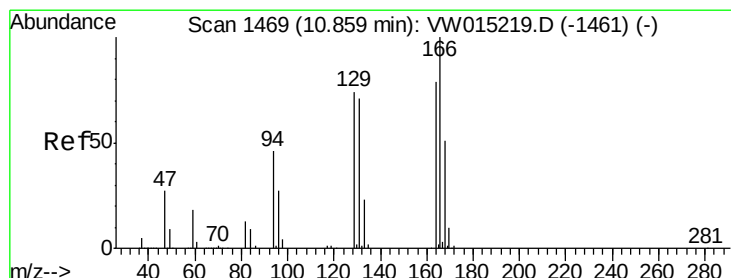
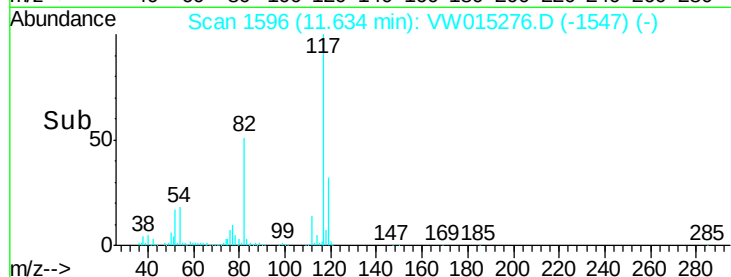
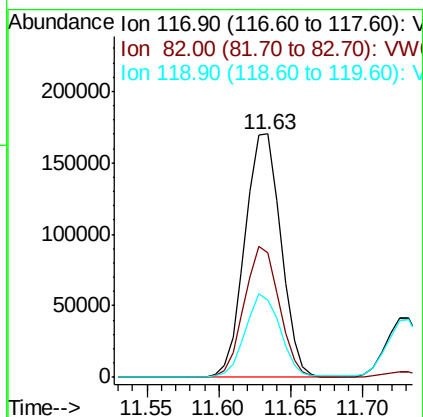
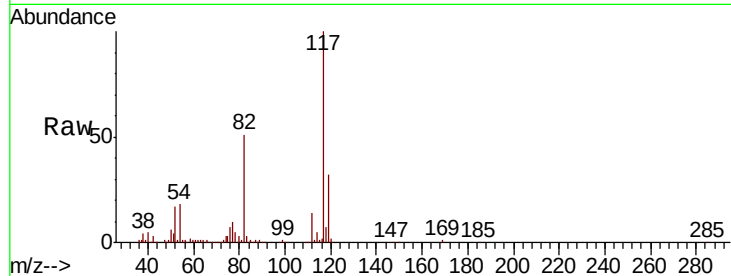




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

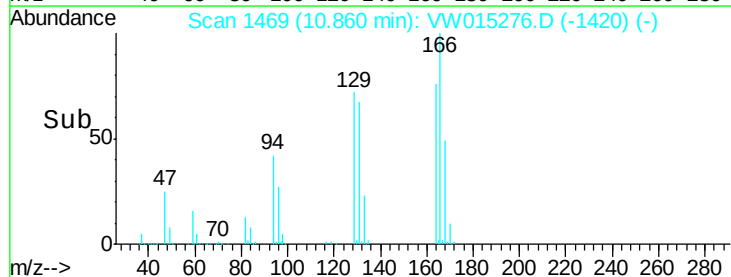
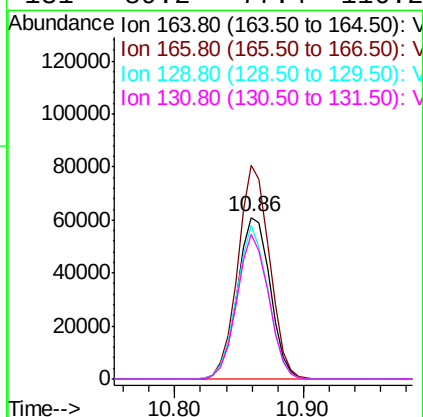
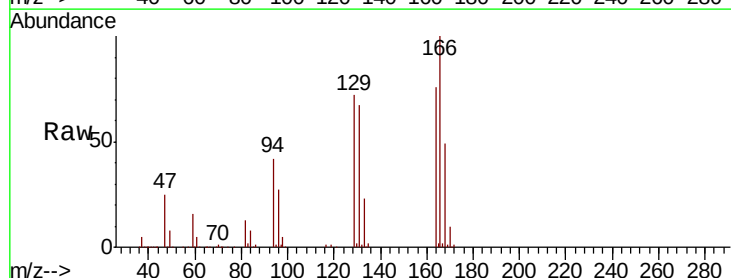
Instrument :
MSVOA_W
ClientSampleId :

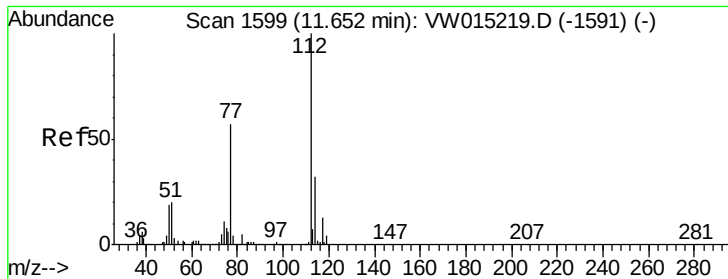
Tot Ion:117 Resp: 294942
Ion Ratio Lower Upper
117 100
82 50.9 44.1 66.1
119 31.4 24.9 37.3



#64
Tetrachloroethene
Concen: 51.013 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:164 Resp: 107383
Ion Ratio Lower Upper
164 100
166 132.2 102.6 154.0
129 94.7 80.2 120.2
131 89.2 77.4 116.2

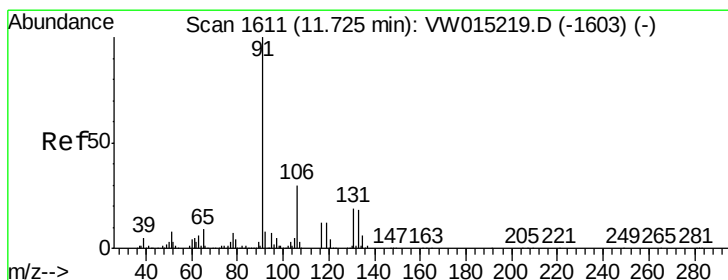
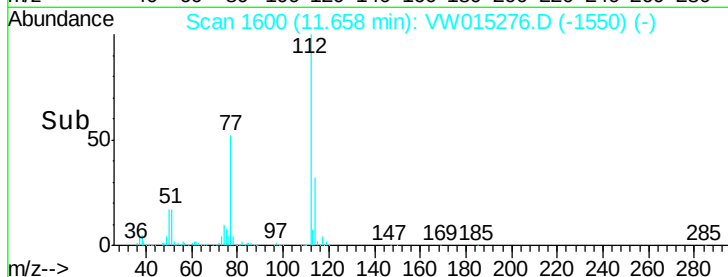
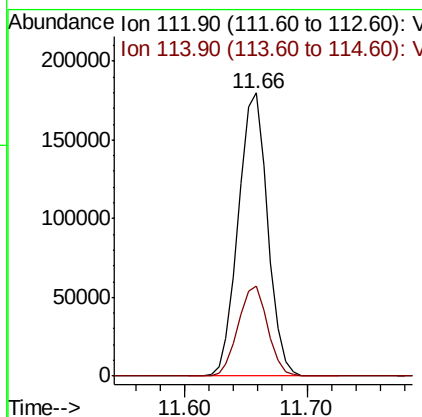
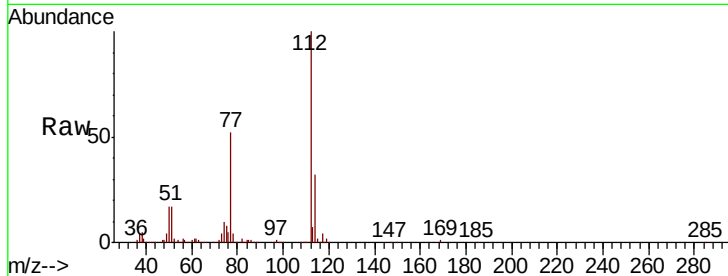




#65
Chlorobenzene
Concen: 51.626 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

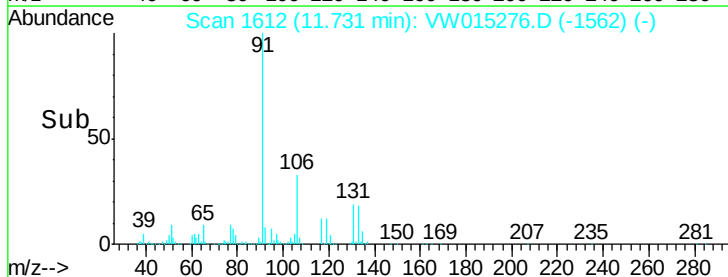
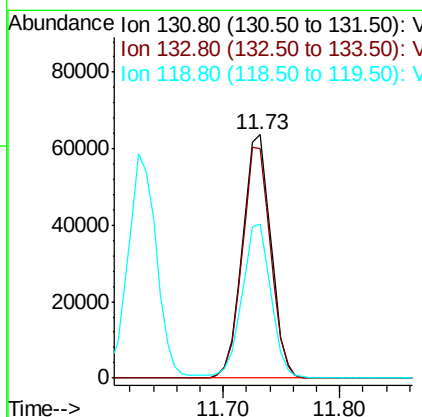
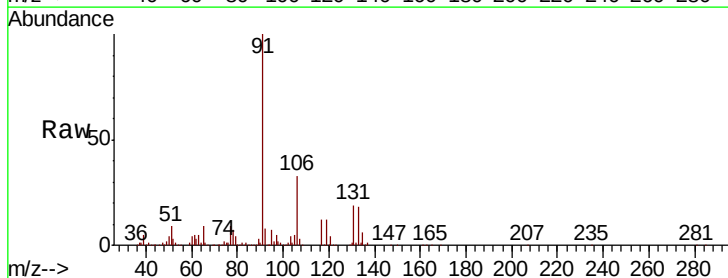
Instrument :
MSVOA_W
ClientSampleId :

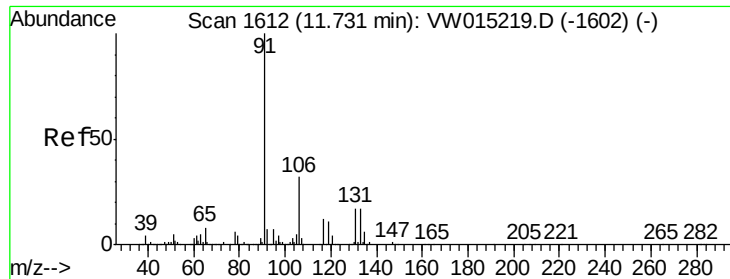
Tot Ion:112 Resp: 298791
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:131 Resp: 108920
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 63.4 34.0 101.8

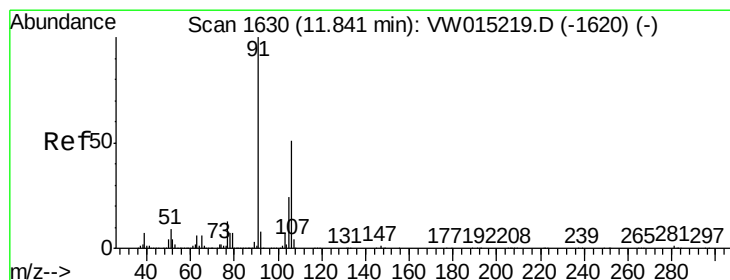
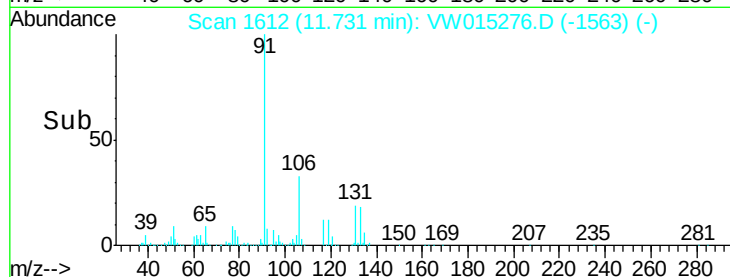
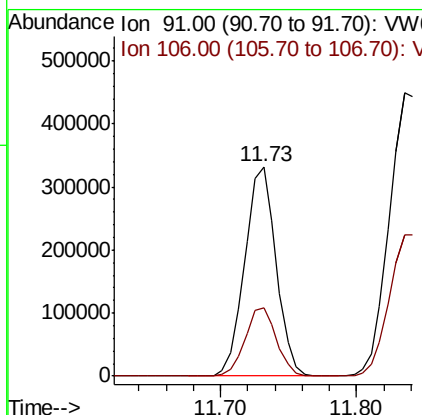
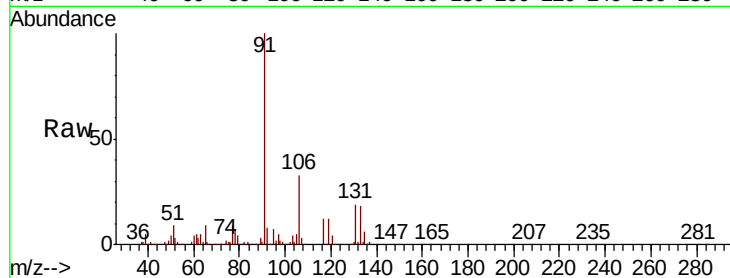




#67
Ethyl Benzene
Concen: 49.575 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

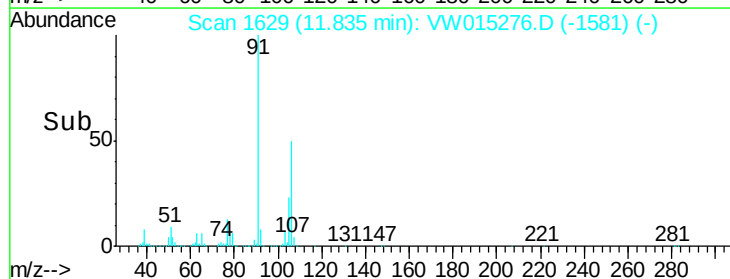
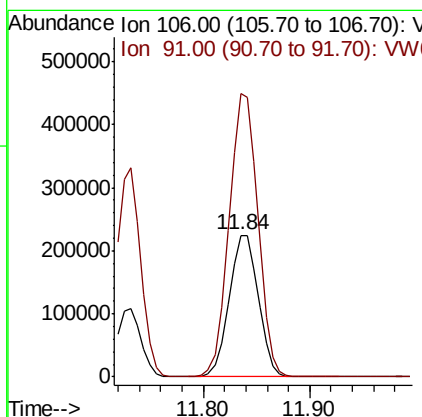
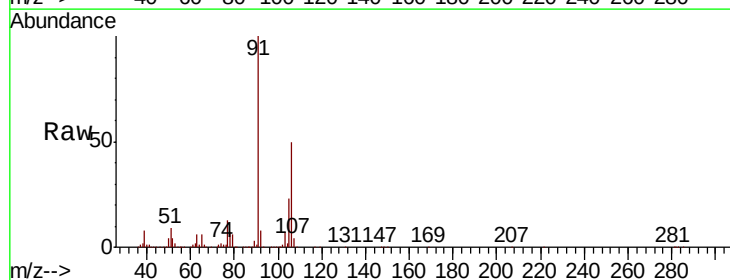
Instrument :
MSVOA_W
ClientSampleId :

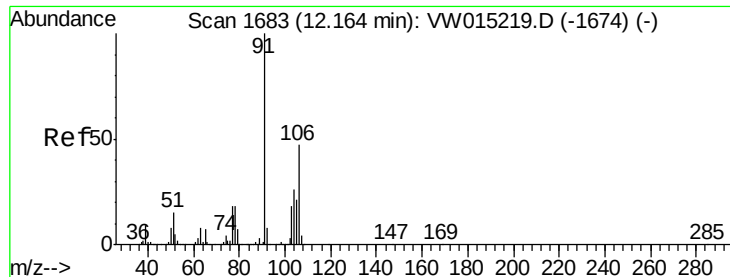
Tot Ion: 91 Resp: 535072
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 101.693 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 106 Resp: 430228
Ion Ratio Lower Upper
106 100
91 198.2 160.0 240.0

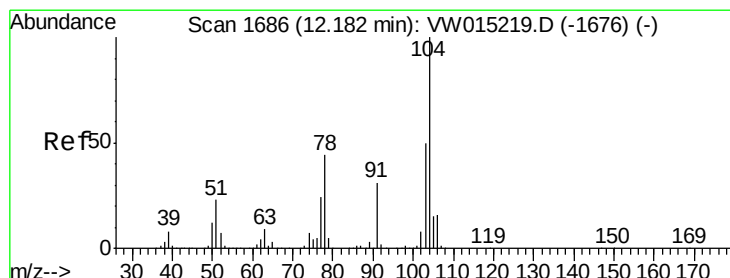
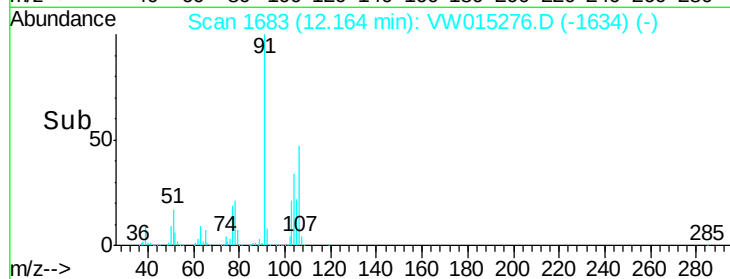
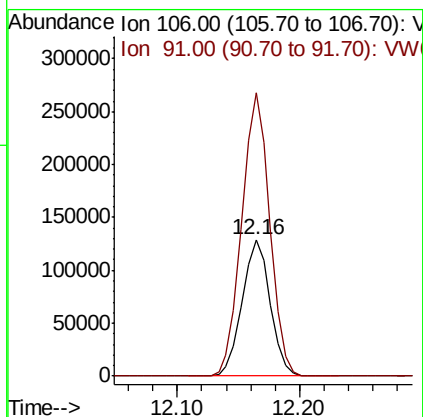
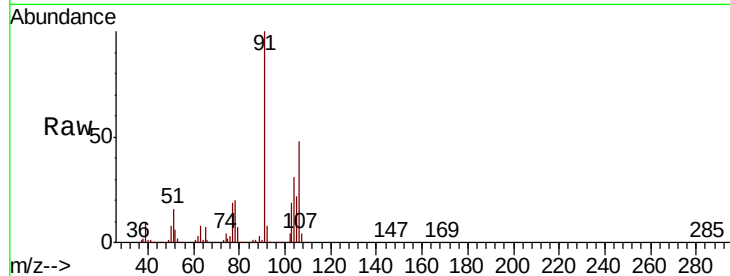




#69
o-Xylene
Concen: 51.844 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

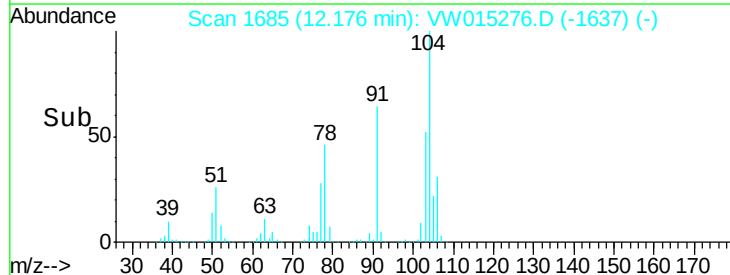
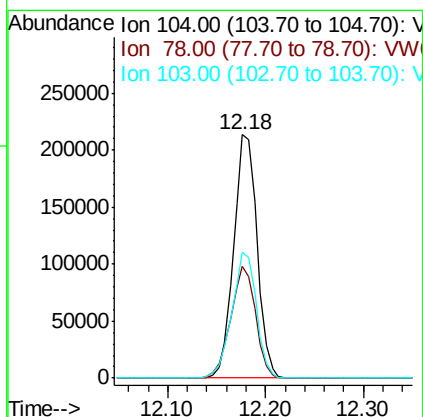
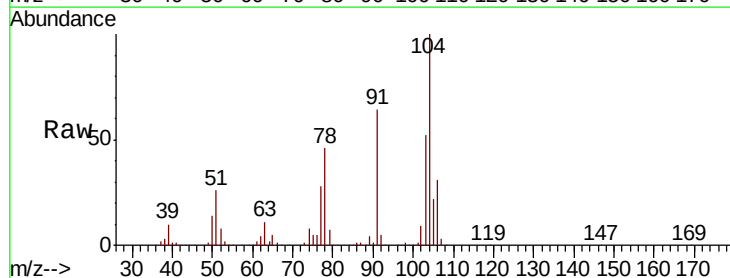
Instrument :
MSVOA_W
ClientSampled :

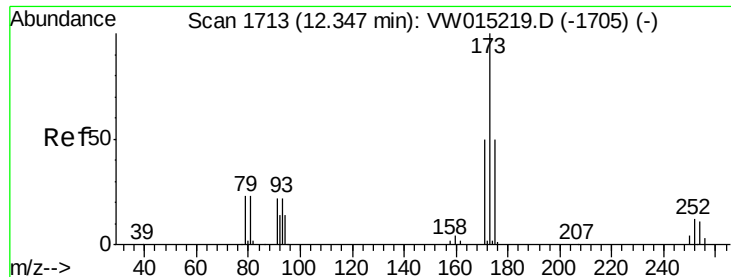
Tot Ion:106 Resp: 204725
Ion Ratio Lower Upper
106 100
91 207.2 105.7 317.1



#70
Styrene
Concen: 52.821 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:104 Resp: 355548
Ion Ratio Lower Upper
104 100
78 48.6 39.8 59.6
103 53.9 43.8 65.6





#71

Bromoform

Concen: 52.495 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampled :

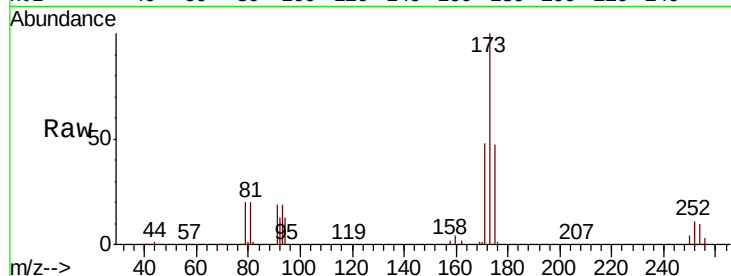
Tot Ion:173 Resp: 61528

Ion Ratio Lower Upper

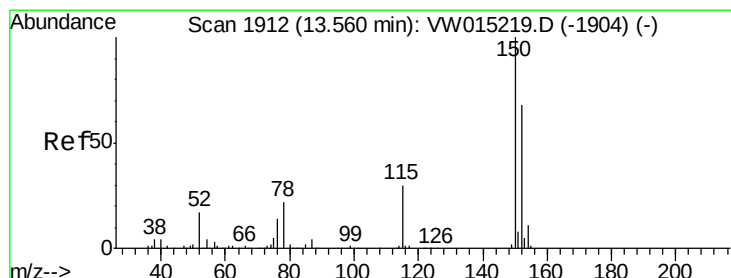
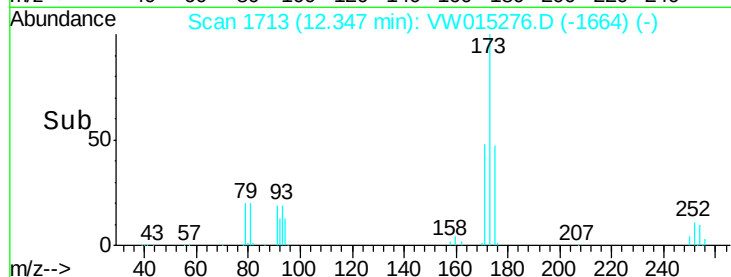
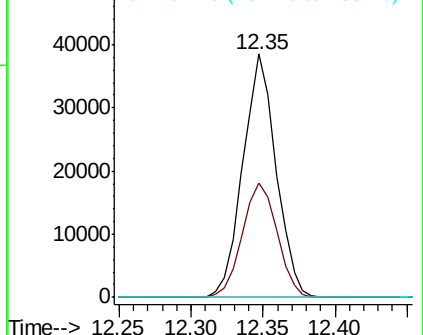
173 100

175 49.2 25.1 75.4

254 0.0 0.1 0.1#



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: VW015276.D

Acq: 21 Apr 2020 21:20

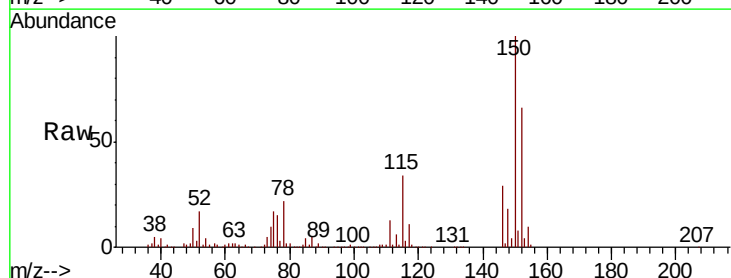
Tgt Ion:152 Resp: 171065

Ion Ratio Lower Upper

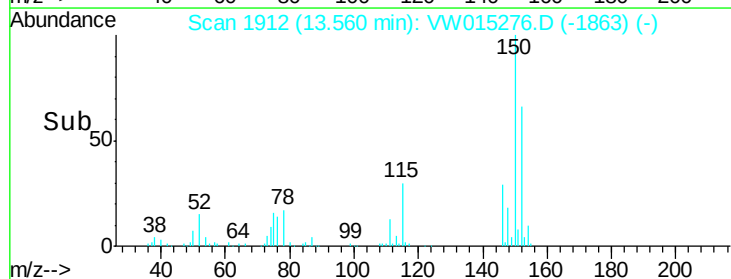
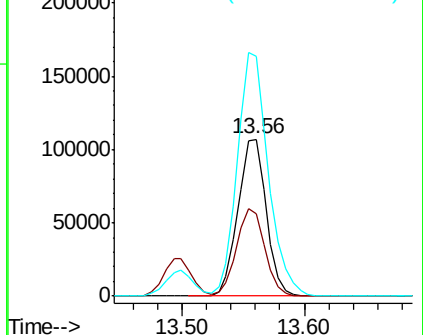
152 100

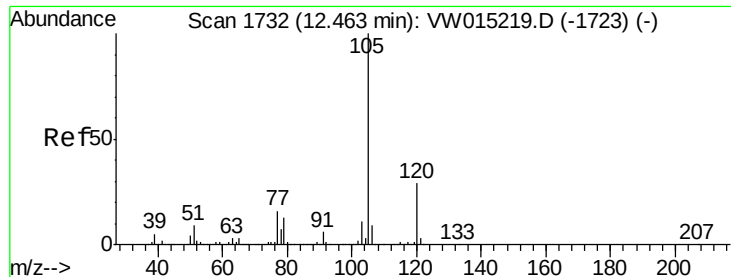
115 55.7 31.3 93.9

150 169.7 0.0 343.4



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: 48.029 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

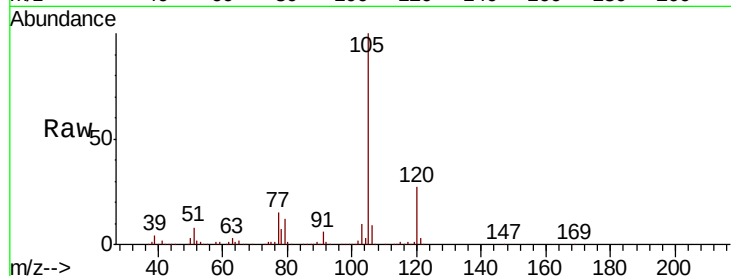
ClientSampleId :

Tot Ion:105 Resp: 569662

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

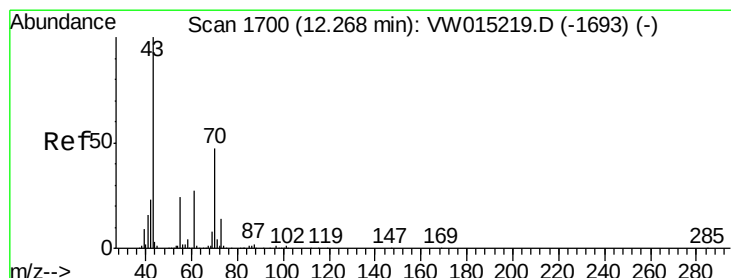
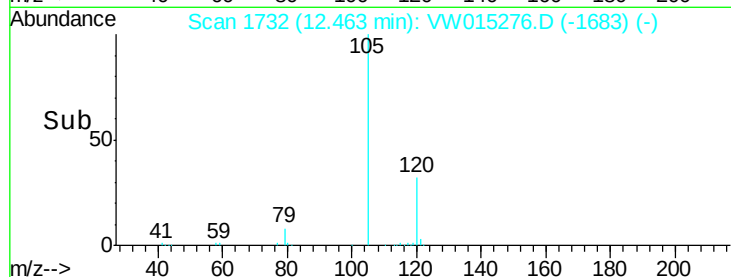
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 46.733 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion: 43 Resp: 96431

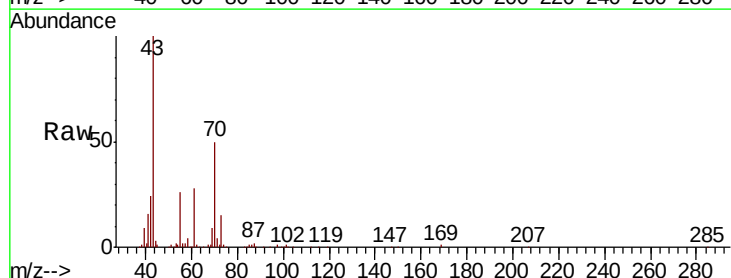
Ion Ratio Lower Upper

43 100

70 50.1 35.4 53.2

55 25.5 18.5 27.7

61 27.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

100000

80000

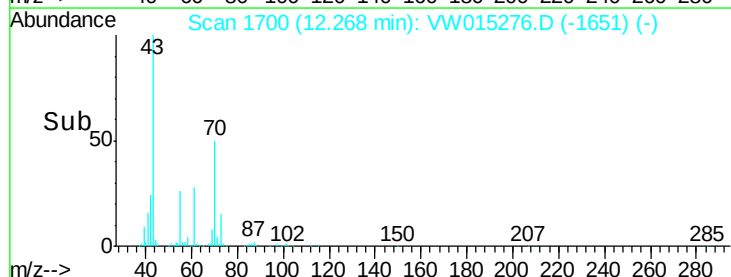
60000

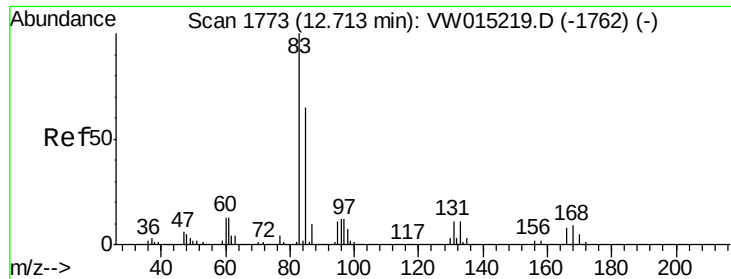
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.849 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampled :

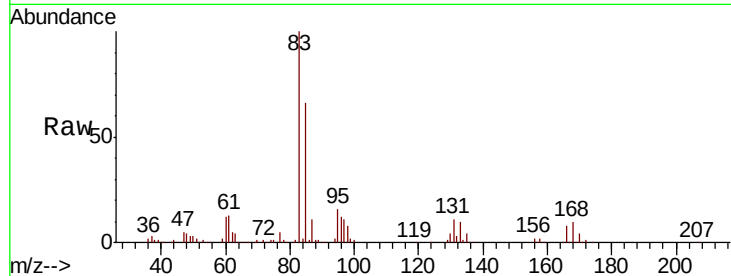
Tot Ion: 83 Resp: 78894

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.2

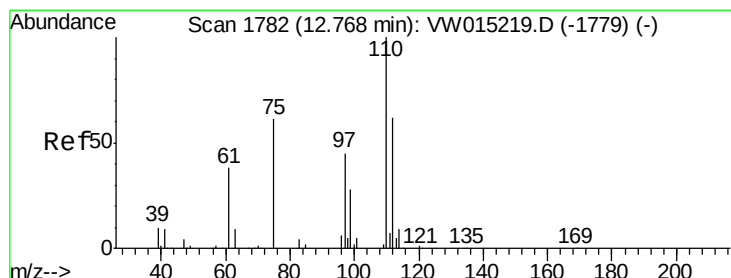
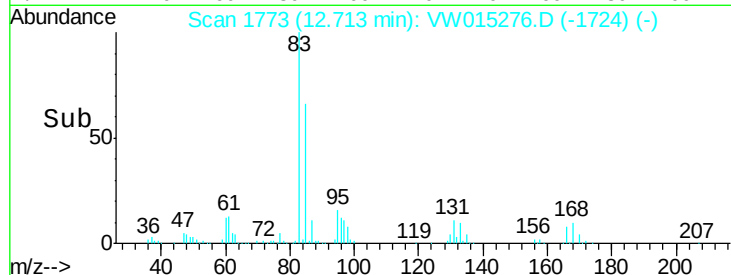
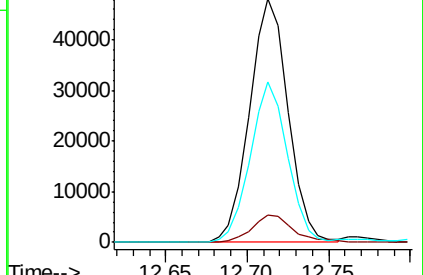
85 63.7 32.3 96.8



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: 81.018 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015276.D

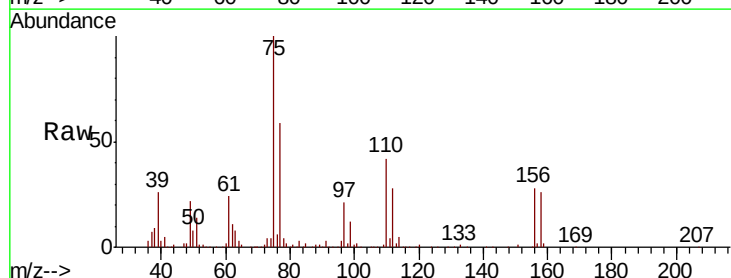
Acq: 21 Apr 2020 21:20

Tgt Ion: 75 Resp: 107217

Ion Ratio Lower Upper

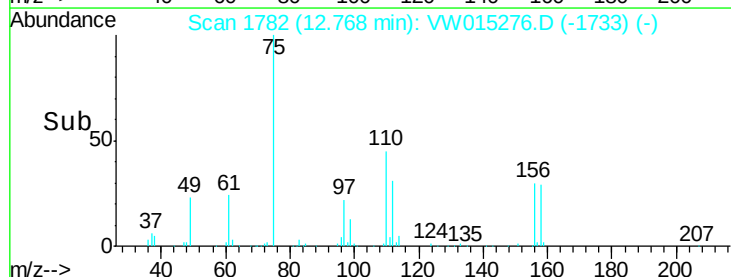
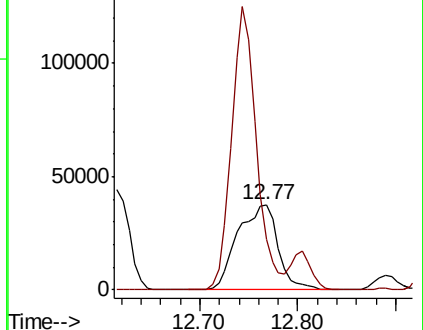
75 100

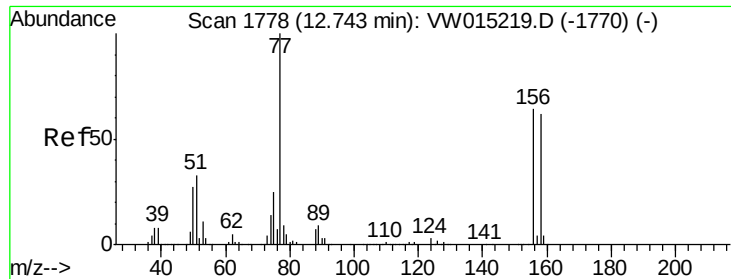
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

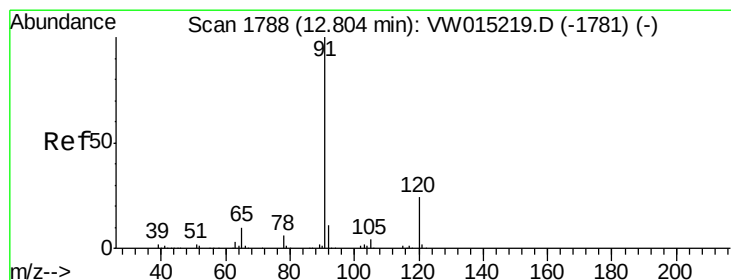
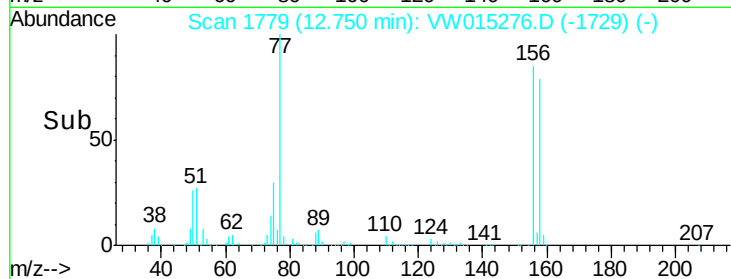
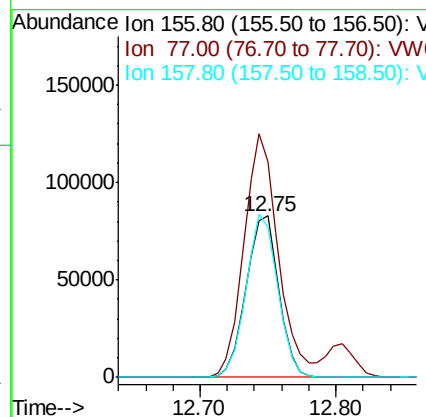
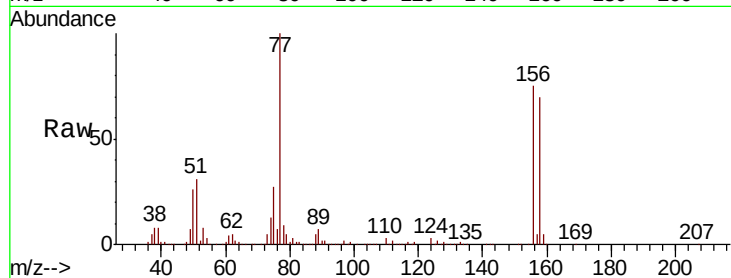




#77
Bromobenzene
Concen: 51.009 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

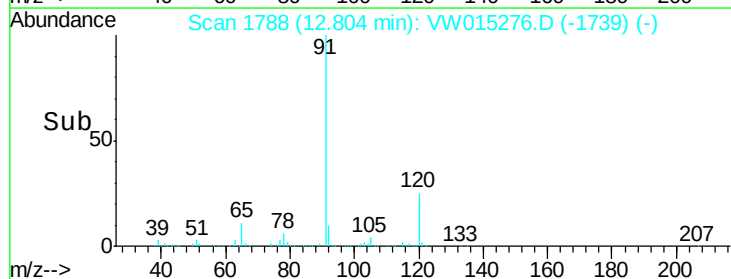
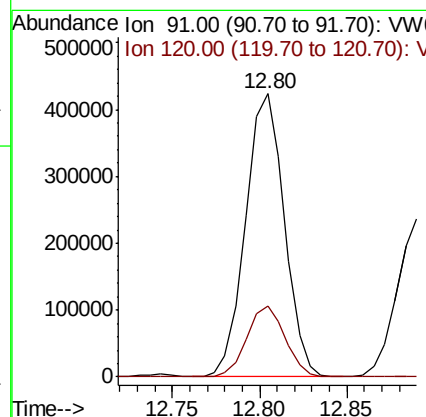
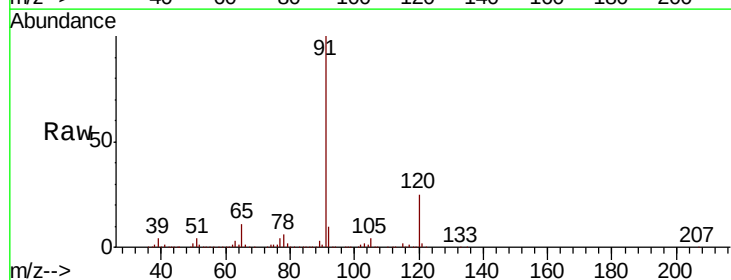
Instrument :
MSVOA_W
ClientSampleId :

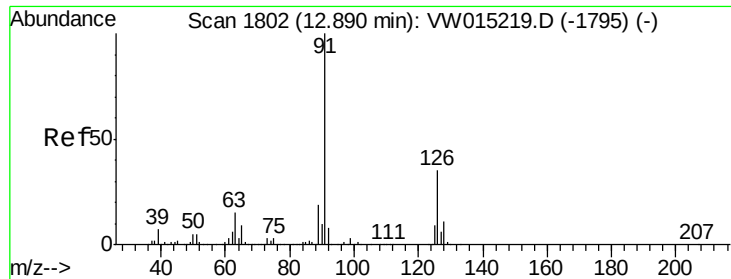
Tot Ion:156 Resp: 139000
Ion Ratio Lower Upper
156 100
77 159.6 100.5 301.5
158 97.9 47.9 143.8



#78
n-propylbenzene
Concen: 47.220 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 91 Resp: 652096
Ion Ratio Lower Upper
91 100
120 24.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 48.831 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

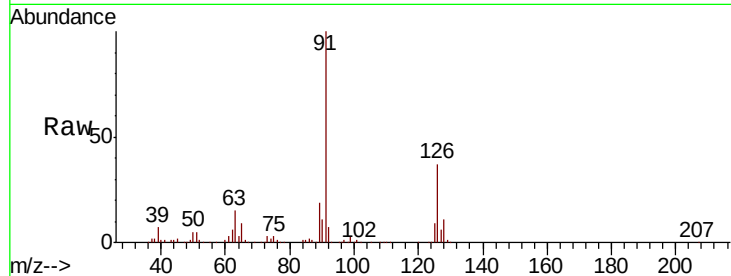
ClientSampled :

Tot Ion: 91 Resp: 380032

Ion Ratio Lower Upper

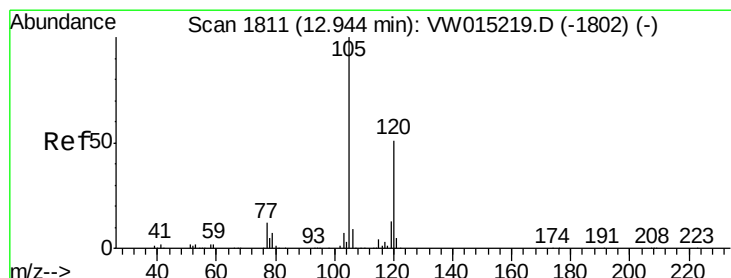
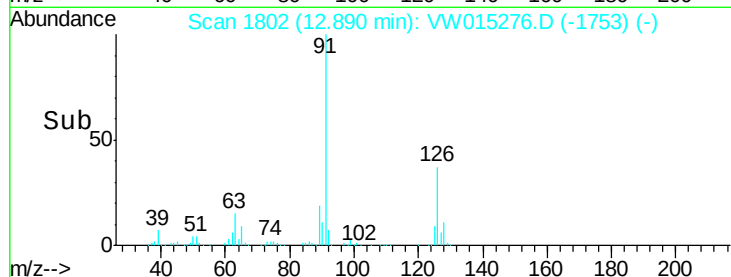
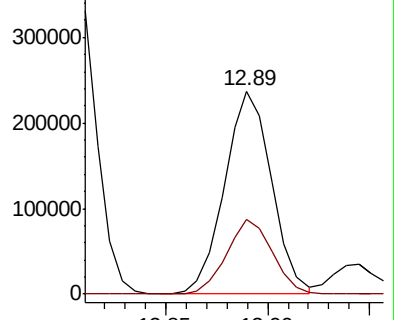
91 100

126 36.0 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.401 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015276.D

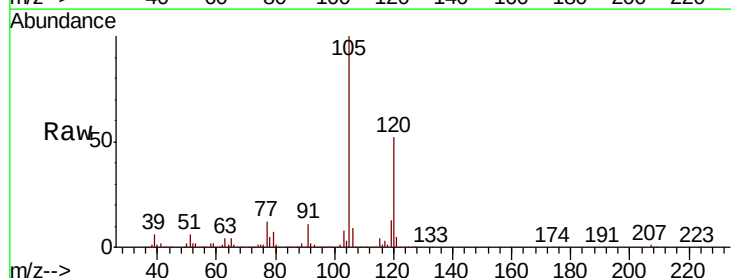
Acq: 21 Apr 2020 21:20

Tgt Ion:105 Resp: 494514

Ion Ratio Lower Upper

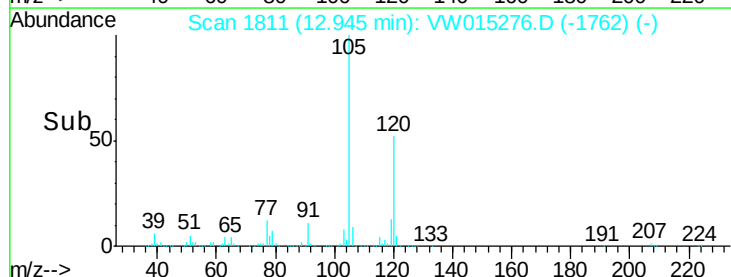
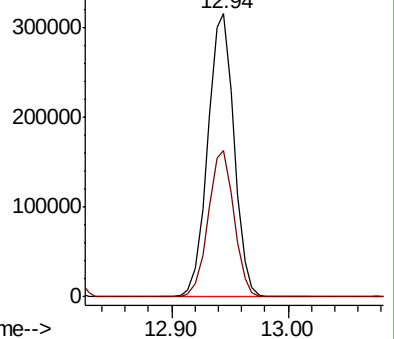
105 100

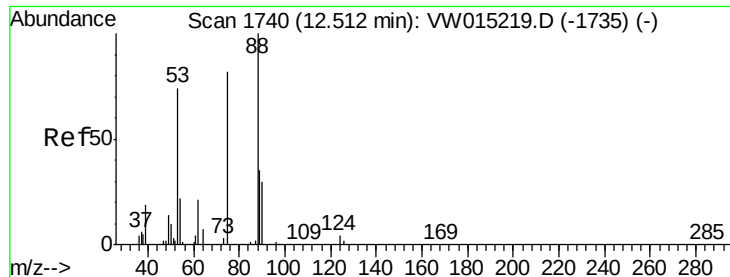
120 50.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.646 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

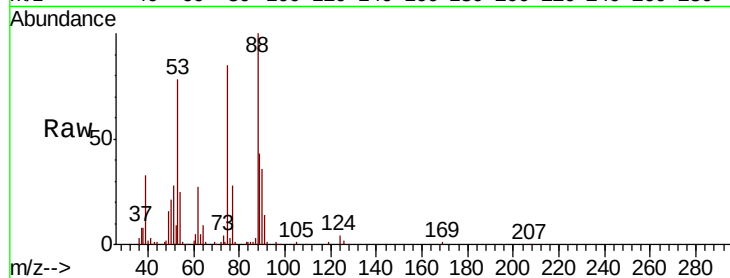
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 27028

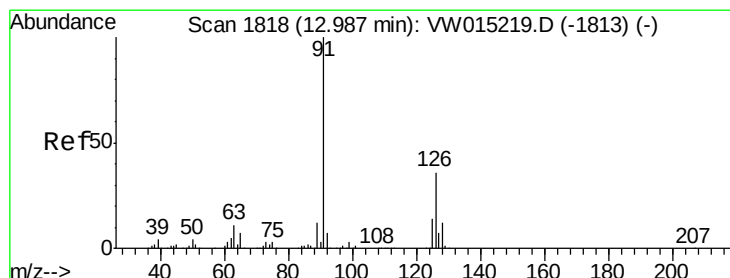
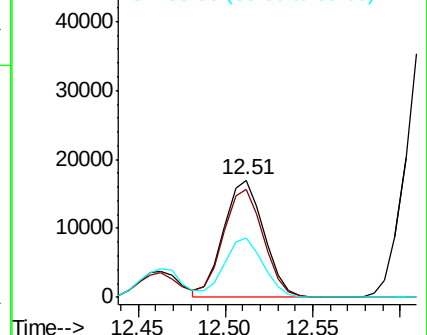
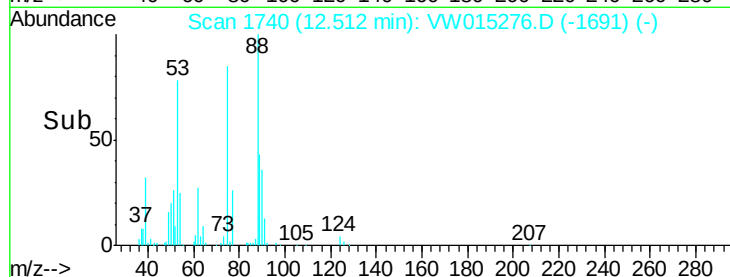
Ion	Ratio	Lower	Upper
75	100		
53	92.9	69.4	104.2
89	50.3	34.8	52.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 48.537 ug/l

RT: 12.99 min Scan# 1818

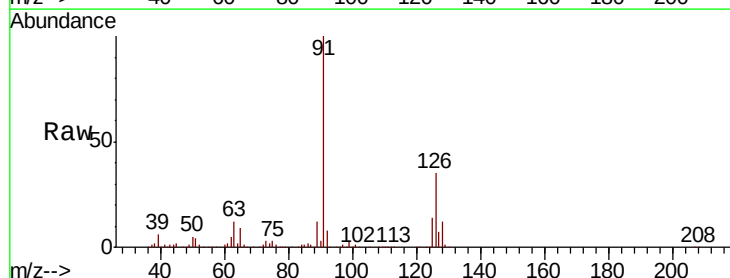
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

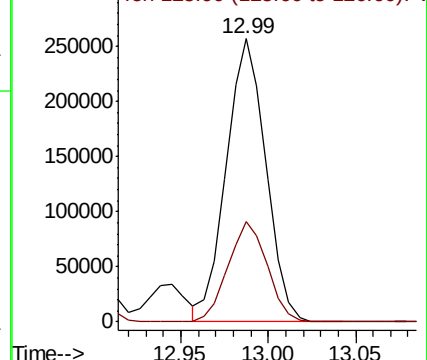
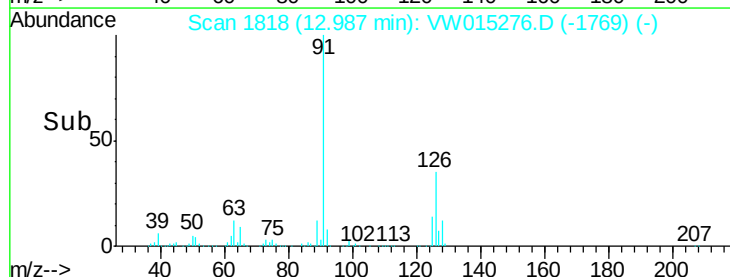
Tgt Ion: 91 Resp: 401065

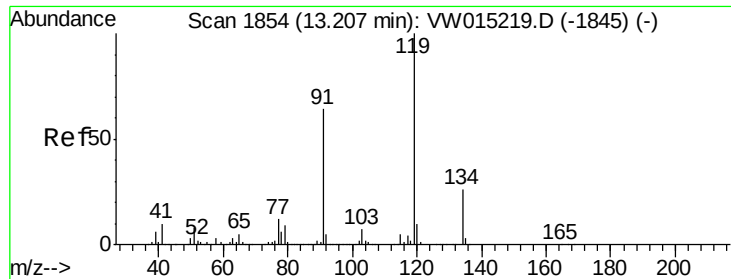
Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.408 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

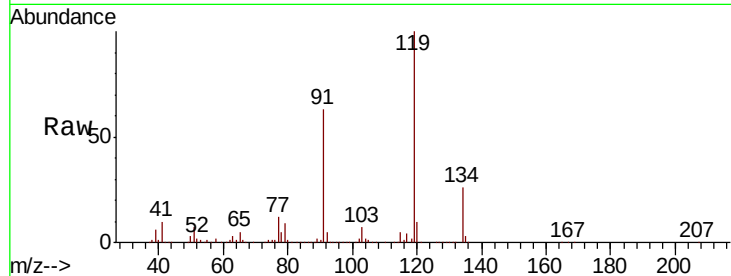
Tot Ion:119 Resp: 432275

Ion Ratio Lower Upper

119 100

91 64.1 32.8 98.3

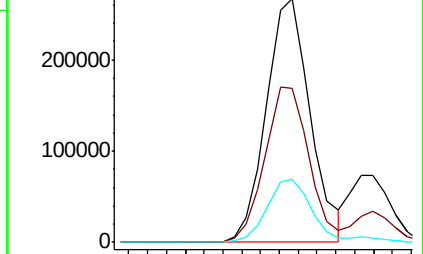
134 27.4 13.3 39.9



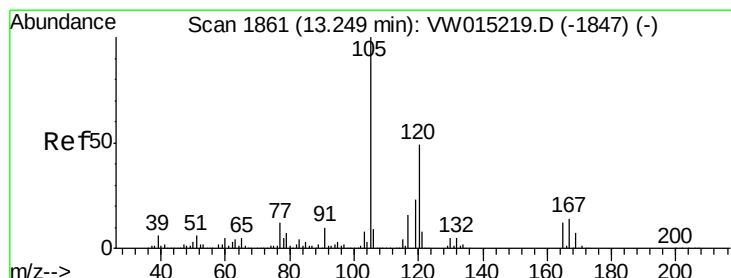
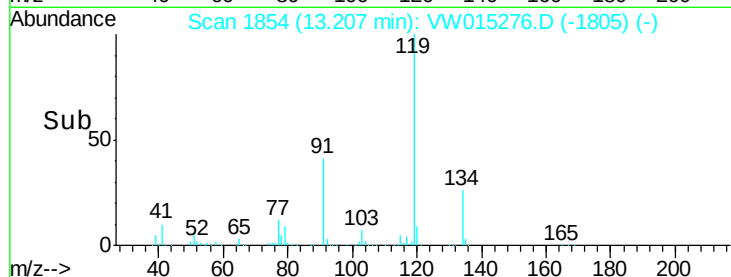
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 49.295 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015276.D

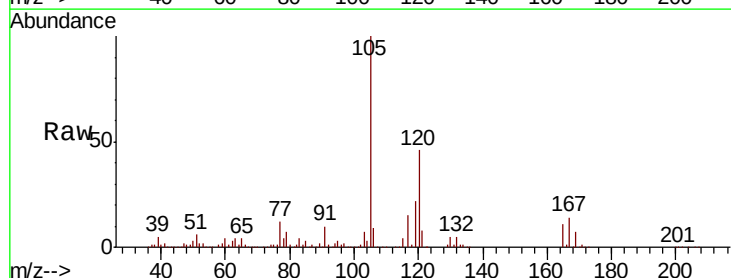
Acq: 21 Apr 2020 21:20

Tgt Ion:105 Resp: 496760

Ion Ratio Lower Upper

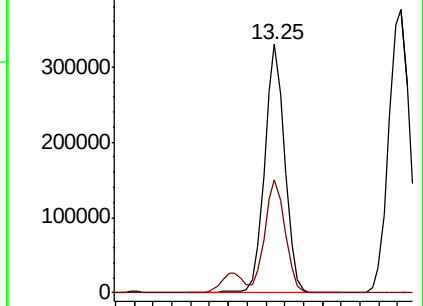
105 100

120 46.4 23.0 69.0

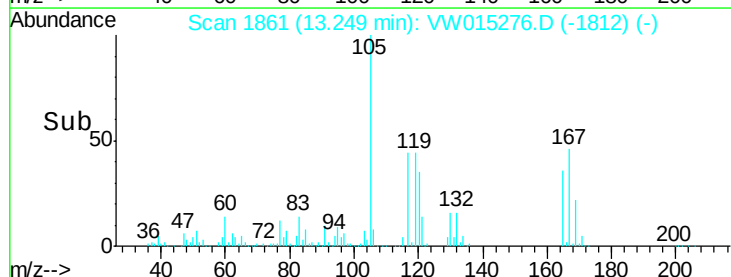


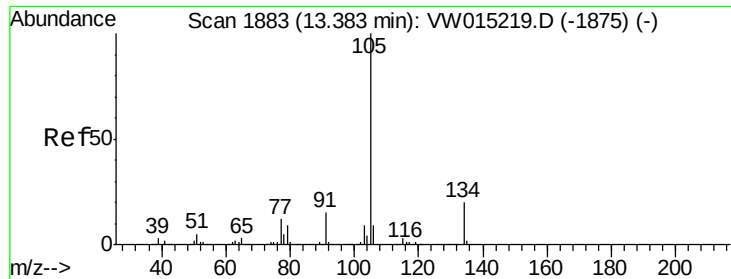
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

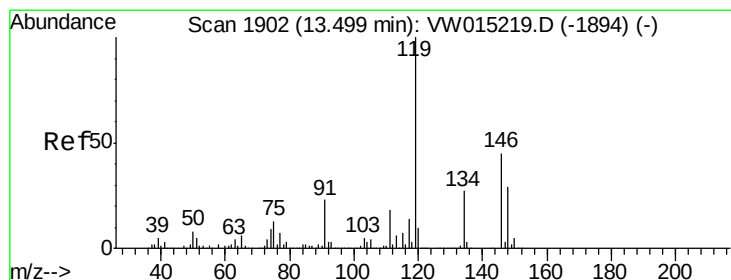
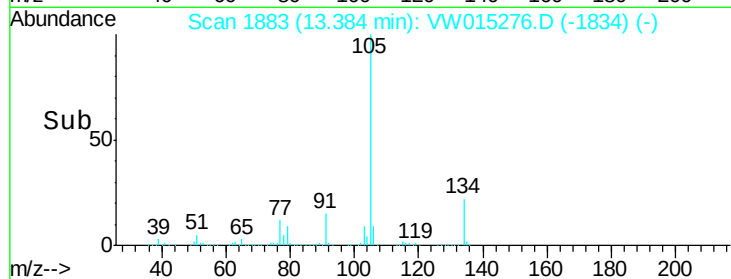
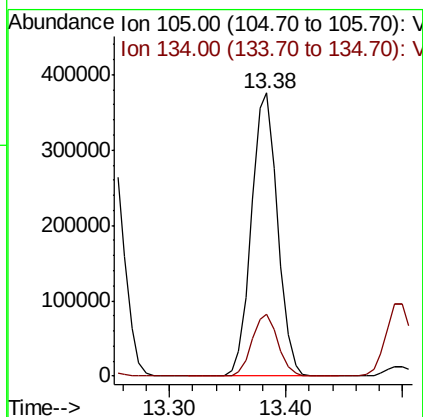
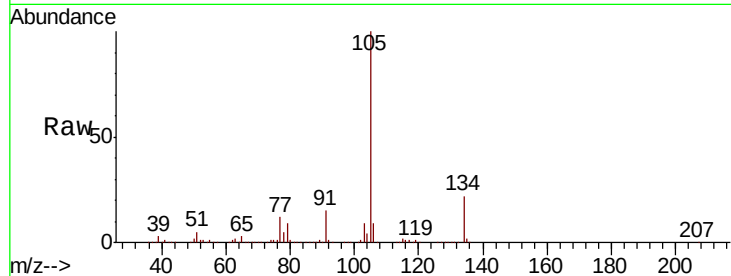




#85
 sec-Butylbenzene
 Concen: 47.702 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

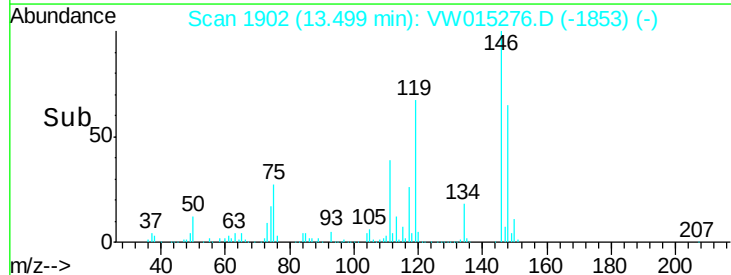
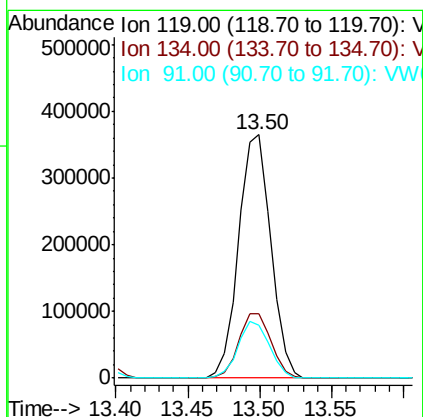
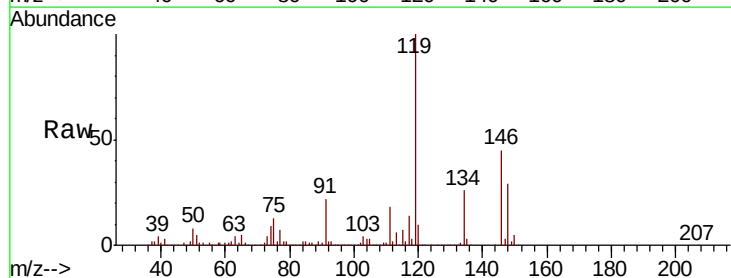
Instrument :
 MSVOA_W
 ClientSampleId :

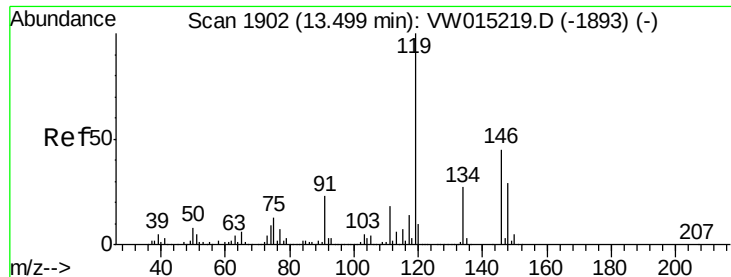
Tot Ion:105 Resp: 588291
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.240 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion:119 Resp: 564269
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.9 12.0 36.1

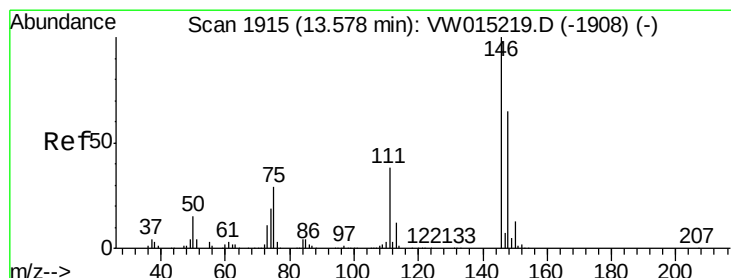
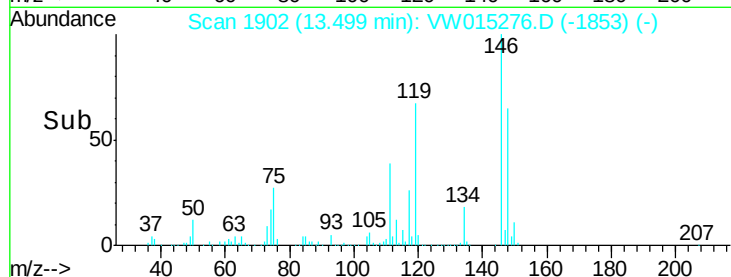
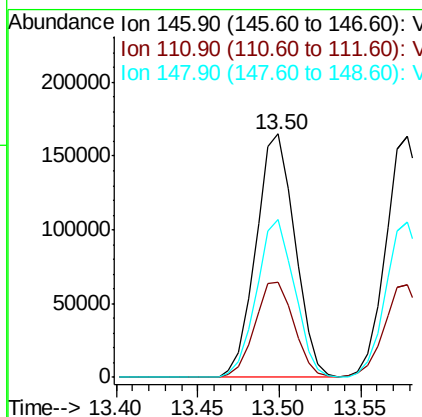
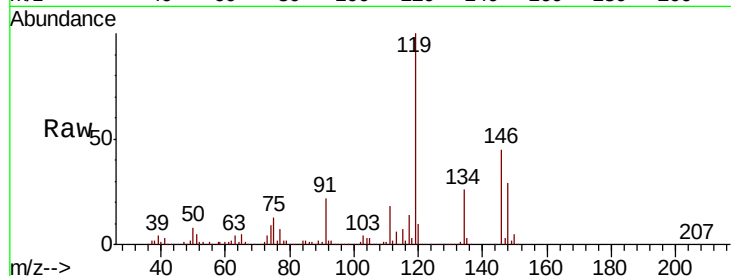




#87
 1,3-Dichlorobenzene
 Concen: 50.347 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

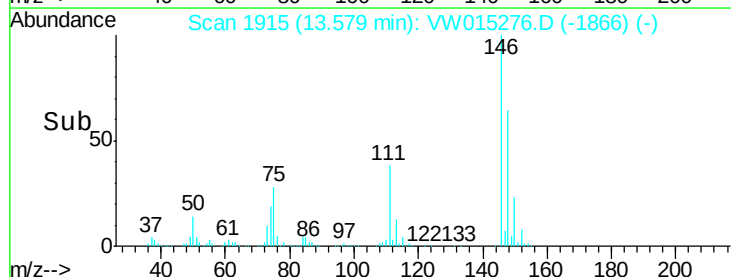
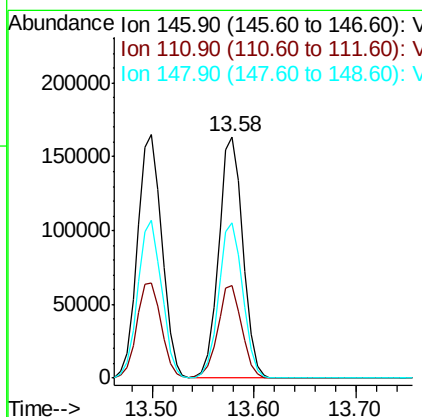
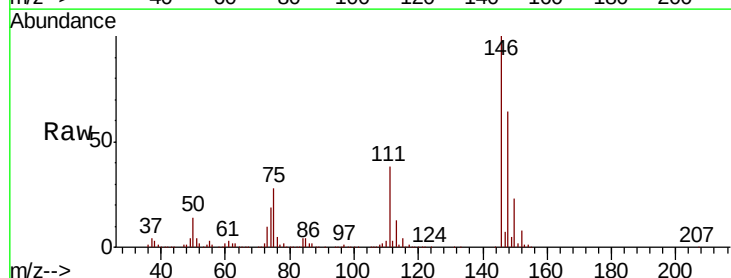
Instrument :
 MSVOA_W
 ClientSampled :

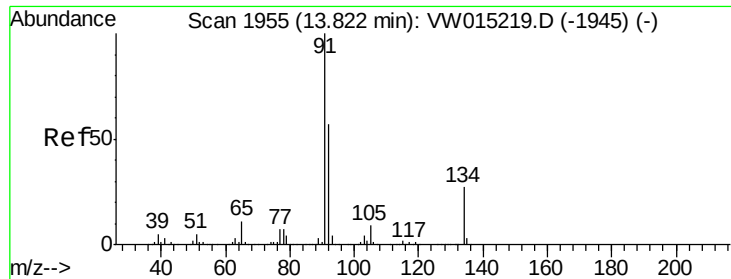
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.1	63.4
148	63.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.753 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.4	61.3
148	64.4	31.5	94.5





#89

n-Butylbenzene

Concen: 47.113 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

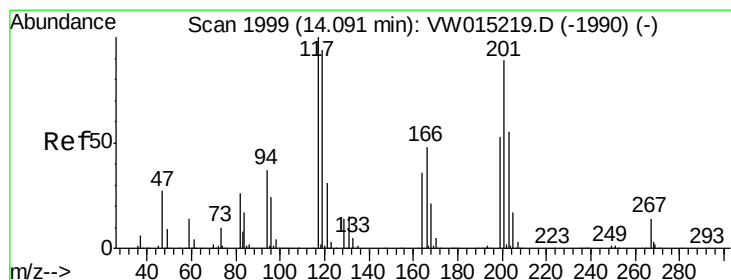
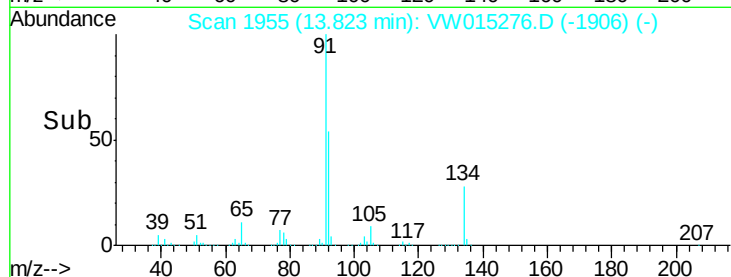
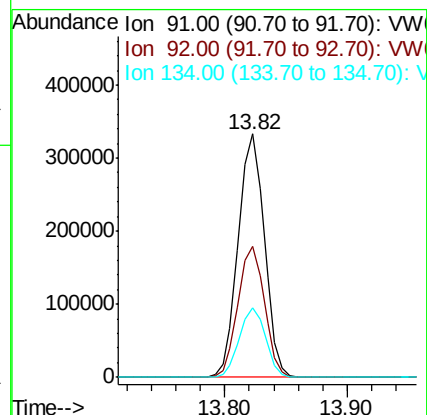
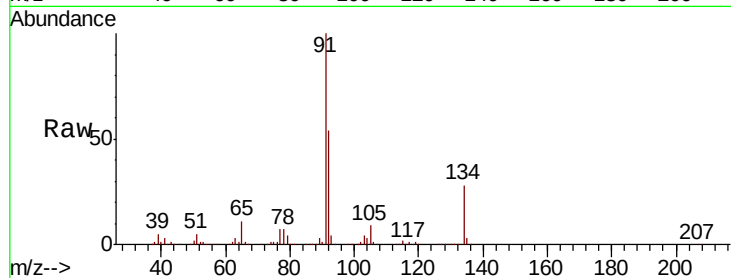
Tot Ion: 91 Resp: 493474

Ion Ratio Lower Upper

91 100

92 54.3 27.6 82.7

134 28.7 12.8 38.3



#90

Hexachloroethane

Concen: 48.139 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015276.D

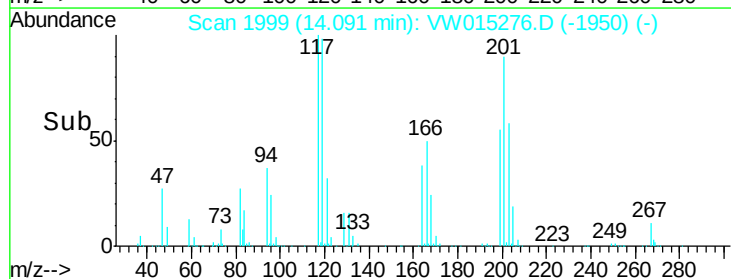
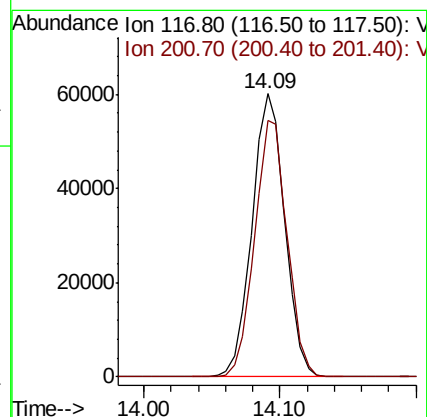
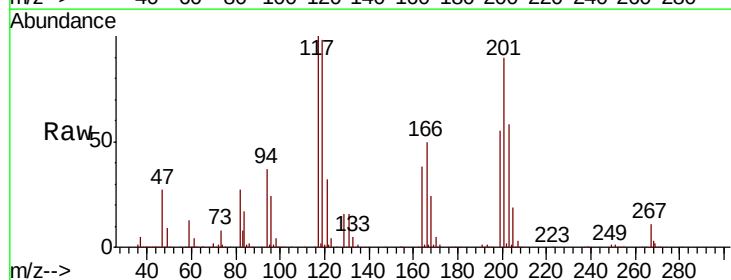
Acq: 21 Apr 2020 21:20

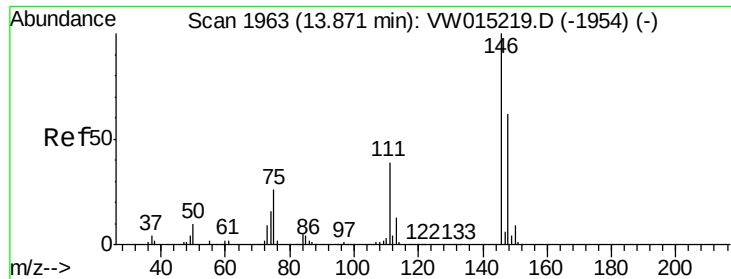
Tgt Ion: 117 Resp: 101167

Ion Ratio Lower Upper

117 100

201 90.3 33.6 100.6

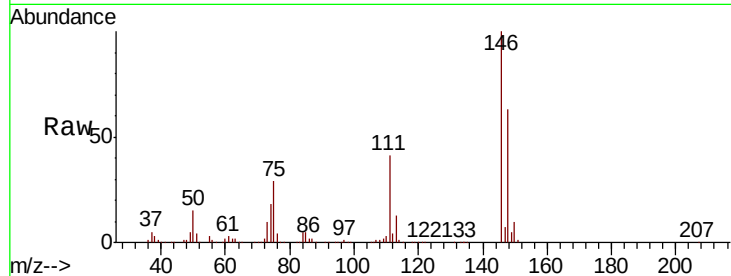




#91
 1,2-Dichlorobenzene
 Concen: 51.496 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	65.0
148	64.0	31.0	93.0

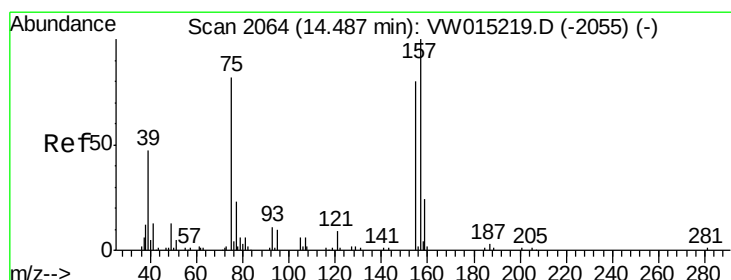
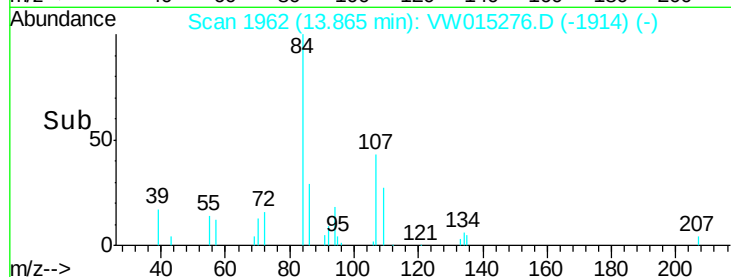
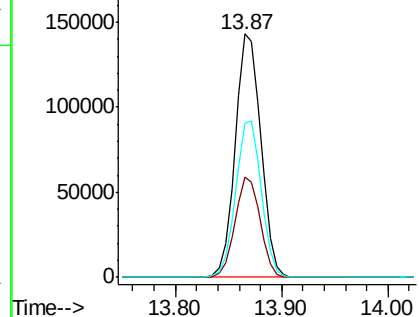


Abundance

Ion 145.90 (145.60 to 146.60): V

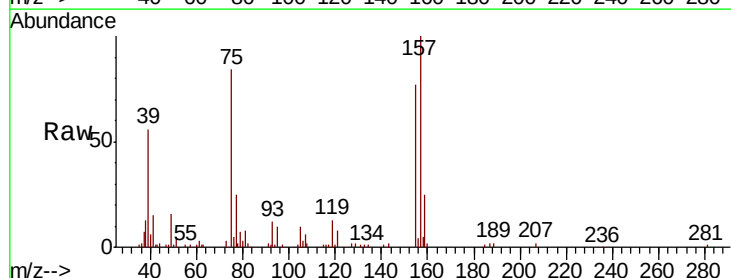
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.648 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	41.6	124.9
157	120.0	53.8	161.2

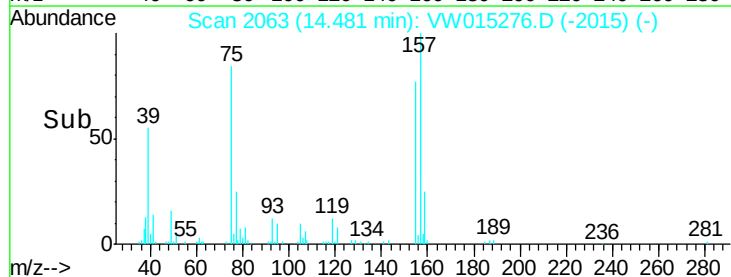
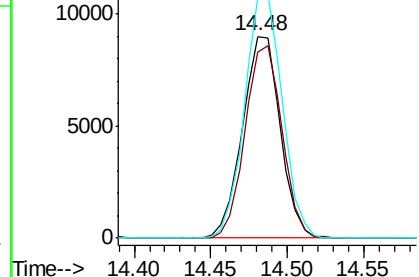


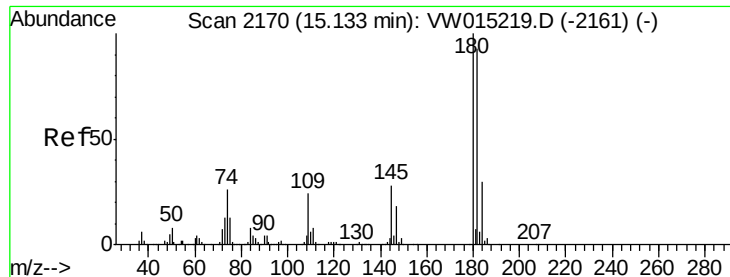
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

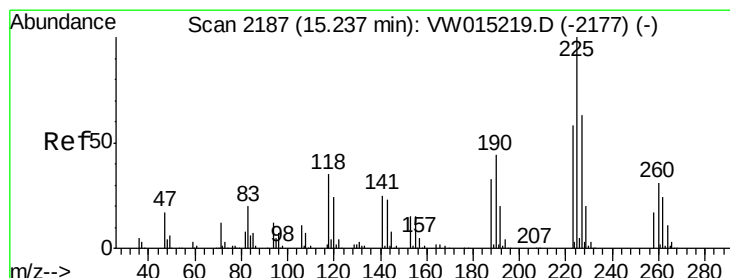
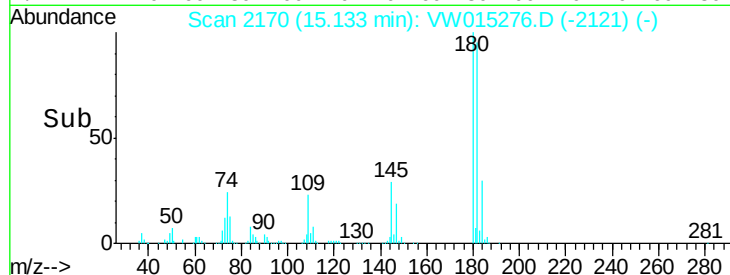
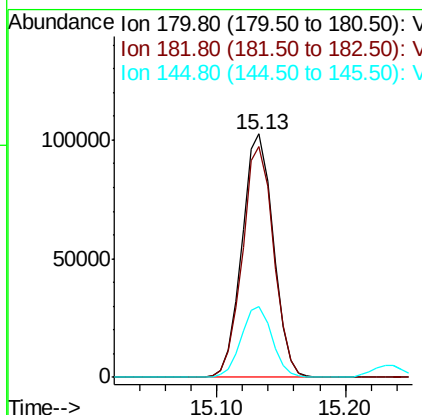
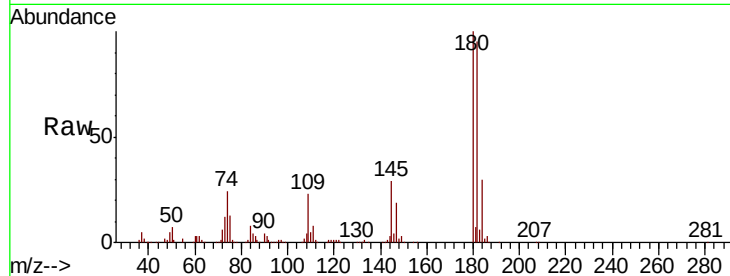




#93
 1,2,4-Trichlorobenzene
 Concen: 52.577 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

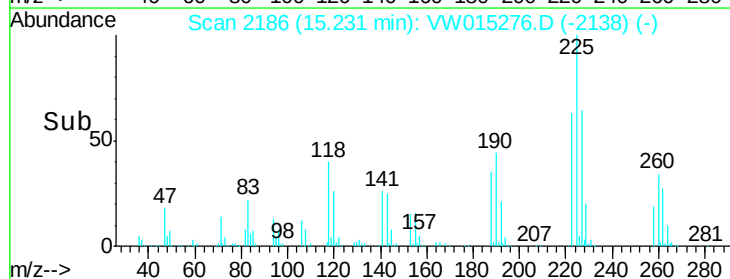
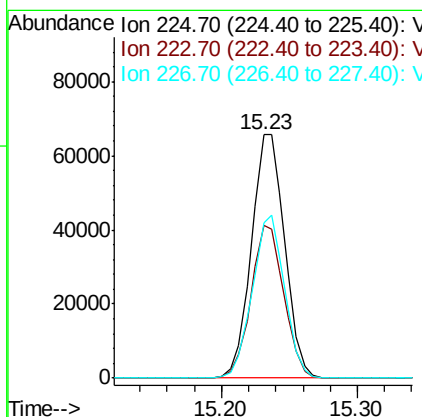
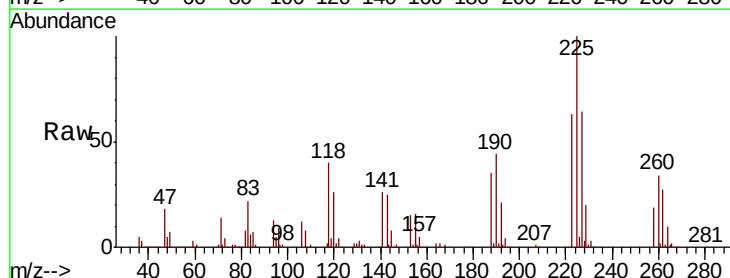
Instrument :
 MSVOA_W
 ClientSampleId :

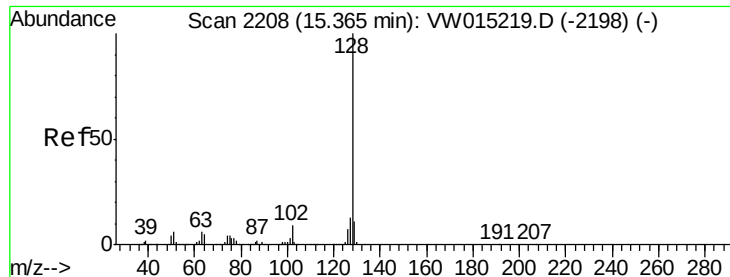
Tot Ion:180 Resp: 171943
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.4
 145 28.7 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 51.696 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion:225 Resp: 112714
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.0 93.0
 227 64.7 30.8 92.3

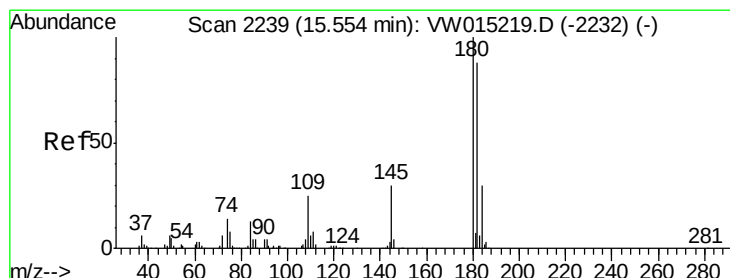
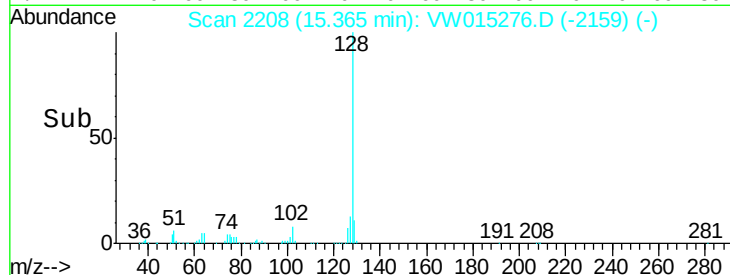
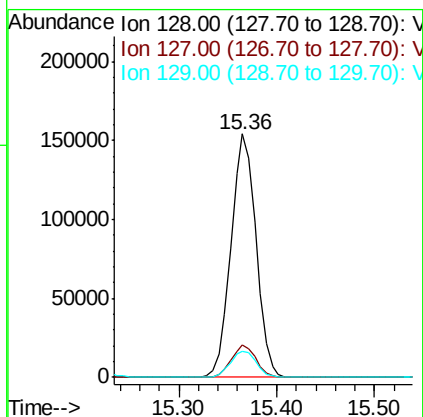
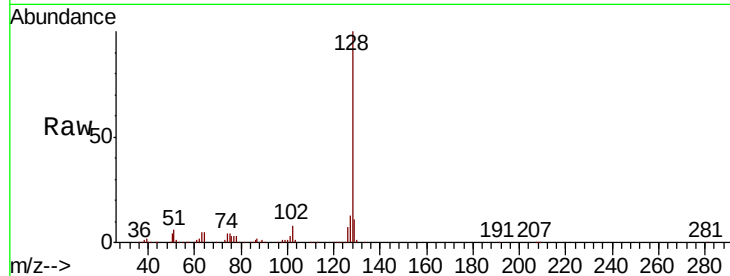




#95
Naphthalene
Concen: 51.976 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 273426
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.860 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:180 Resp: 143309
Ion Ratio Lower Upper
180 100
182 96.8 48.8 146.3
145 31.0 17.2 51.6

