

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007422.D
 Acq On : 12 Dec 2018 04:47
 Operator : SY/AP
 Sample : J6265-03MSD
 Misc : 1.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Quant Time: Dec 12 06:24:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	5794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	8900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3641	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.88	113	3103	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
50) Toluene-d8	10.32	98	10793	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	4115	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	2381	58.806	ug/l	92
3) Chloromethane	2.22	50	1652	48.718	ug/l	93
4) Vinyl Chloride	2.36	62	2345	58.929	ug/l	99
5) Bromomethane	2.78	94	2283	85.388	ug/l	91
6) Chloroethane	2.93	64	2074	94.681	ug/l	94
7) Trichlorofluoromethane	3.27	101	5983	167.232	ug/l	99
8) Diethyl Ether	3.70	74	1768	63.139	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	3433	58.154	ug/l	98
10) Methyl Iodide	4.28	142	4822	49.320	ug/l	97
11) Tert butyl alcohol	5.14	59	1839	416.567	ug/l #	74
12) 1,1-Dichloroethene	4.05	96	3063	53.890	ug/l	89
14) Allyl chloride	4.68	41	3669	43.794	ug/l	93
15) Acrylonitrile	5.37	53	4734	401.041	ug/l	97
16) Acetone	4.12	43	4427	394.290	ug/l #	87
17) Carbon Disulfide	4.38	76	9849	57.150	ug/l	100
18) Methyl Acetate	4.67	43	7258	238.175	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	8856	103.286	ug/l	92
20) Methylene Chloride	4.92	84	3414	56.079	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	3220	50.644	ug/l	89
22) Diisopropyl ether	6.30	45	8126	50.461	ug/l	98
23) Vinyl Acetate	6.25	43	4437	49.260	ug/l	96
24) 1,1-Dichloroethane	6.23	63	5637	51.792	ug/l	96
25) 2-Butanone	7.17	43	5709	389.483	ug/l	95
26) 2,2-Dichloropropane	7.17	77	5264	73.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	3459	49.685	ug/l	91
28) Bromochloromethane	7.51	49	2436	59.503	ug/l #	98
29) Tetrahydrofuran	7.52	42	3724	401.318	ug/l	97
30) Chloroform	7.68	83	6210	52.431	ug/l	97
31) Cyclohexane	7.96	56	5226	52.335	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	6091	58.643	ug/l	96
36) 1,1-Dichloropropene	8.09	75	4789	58.986	ug/l	98
37) Ethyl Acetate	7.26	43	1564	51.793	ug/l #	85
38) Carbon Tetrachloride	8.07	117	5390	61.014	ug/l	94
39) Methylcyclohexane	9.34	83	5434	55.273	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	12650	56.144	ug/l	96
41) Methacrylonitrile	7.48	41	977	56.816	ug/l #	49
42) 1,2-Dichloroethane	8.40	62	4472	63.184	ug/l	96
43) Isopropyl Acetate	8.42	43	3592	60.219	ug/l	97
44) Trichloroethene	9.09	130	3676	57.134	ug/l	98
45) 1,2-Dichloropropane	9.37	63	3060	58.688	ug/l	99
46) Dibromomethane	9.46	93	1952	65.925	ug/l	99
47) Bromodichloromethane	9.65	83	4546	58.532	ug/l	93
48) Methyl methacrylate	9.44	41	2508	81.869	ug/l	90
49) 1,4-Dioxane	9.45	88	857	1783.795	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	12413	440.429	ug/l	96
52) Toluene	10.39	92	7682	52.685	ug/l	90
53) t-1,3-Dichloropropene	10.61	75	4344	57.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	4552	52.223	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	2930	72.707	ug/l	94
56) Ethyl methacrylate	10.65	69	2539	52.418	ug/l	99
57) 1,3-Dichloropropane	10.93	76	4573	69.136	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	5066	226.800	ug/l	98
59) 2-Hexanone	10.98	43	8229	437.876	ug/l	98
60) Dibromochloromethane	11.13	129	3243	63.767	ug/l	96
61) 1,2-Dibromoethane	11.24	107	2956	74.226	ug/l	96
64) Tetrachloroethene	10.87	164	3171	55.944	ug/l	92
65) Chlorobenzene	11.66	112	8698	52.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	3405	58.848	ug/l	100
67) Ethyl Benzene	11.73	91	15011	53.145	ug/l	100
68) m/p-Xylenes	11.84	106	11573	105.395	ug/l	96
69) o-Xylene	12.17	106	5500	53.632	ug/l	97
70) Styrene	12.18	104	7816	47.186	ug/l	94
71) Bromoform	12.35	173	2065	69.726	ug/l #	97
73) Isopropylbenzene	12.47	105	14880	51.293	ug/l	97
74) N-amyl acetate	12.28	43	2123	40.267	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.71	83	3936	91.606	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	4405	141.111	ug/l #	18
77) Bromobenzene	12.75	156	3594	55.891	ug/l	88
78) n-propylbenzene	12.81	91	17051	52.227	ug/l	97
79) 2-Chlorotoluene	12.90	91	10488	53.092	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	12074	49.534	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	864	61.140	ug/l	94
82) 4-Chlorotoluene	12.99	91	10725	51.505	ug/l	98
83) tert-Butylbenzene	13.21	119	11677	54.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12394	49.411	ug/l	99
85) sec-Butylbenzene	13.39	105	14315	48.823	ug/l	99
86) p-Isopropyltoluene	13.51	119	13051	49.547	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	6408	49.981	ug/l	91
88) 1,4-Dichlorobenzene	13.58	146	6503	50.453	ug/l	91
89) n-Butylbenzene	13.83	91	9779	40.047	ug/l	96
90) Hexachloroethane	14.10	117	2444	52.147	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	6224	54.202	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.49	75	683	79.211	ug/l	96
93) 1,2,4-Trichlorobenzene	15.14	180	2740	34.672	ug/l	90

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QLast Update : Tue Dec 11 02:58:16 2018
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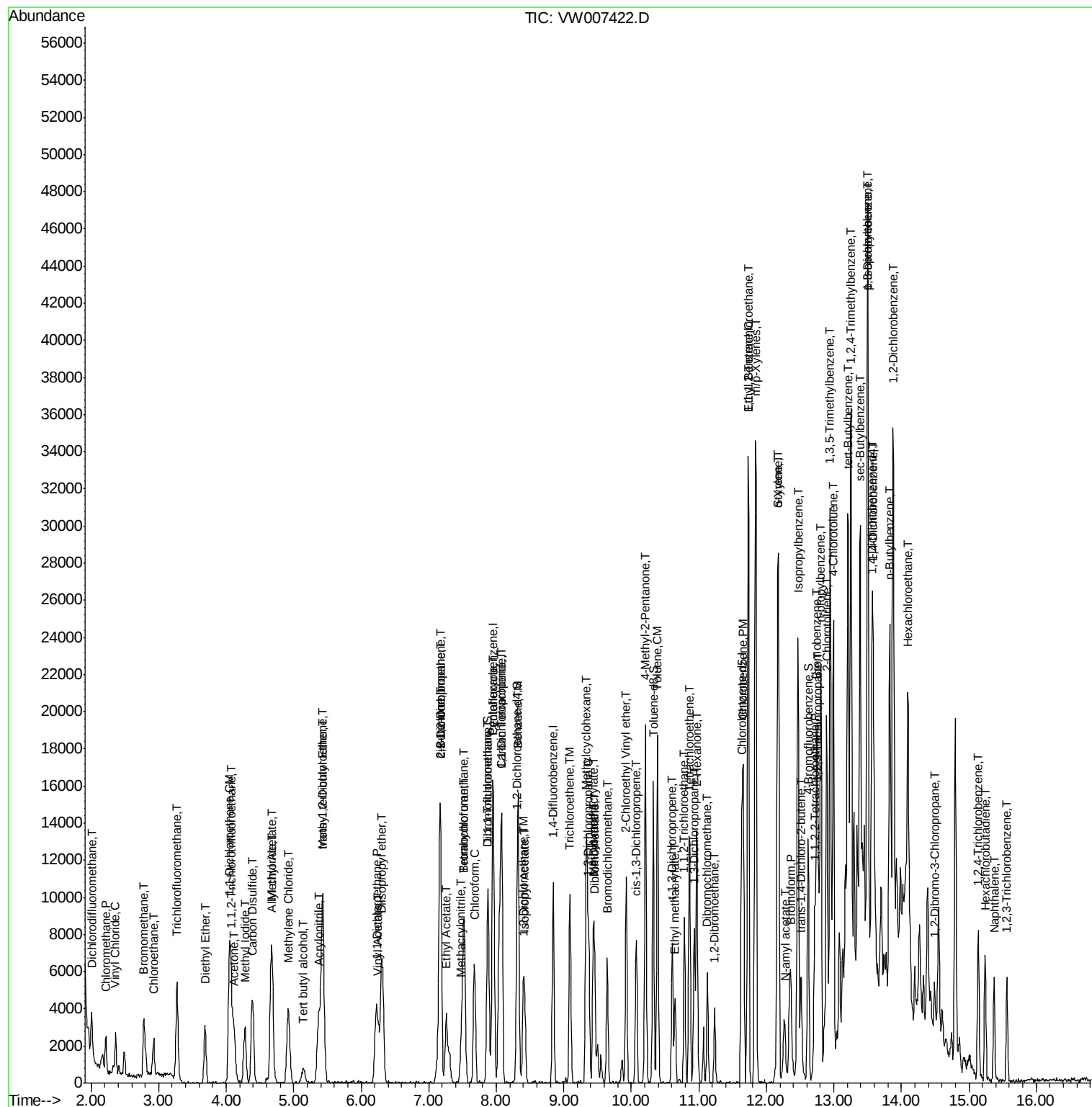
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	1319	31.457	ug/l	99
95) Naphthalene	15.38	128	5032	33.285	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	2223	32.383	ug/l	99

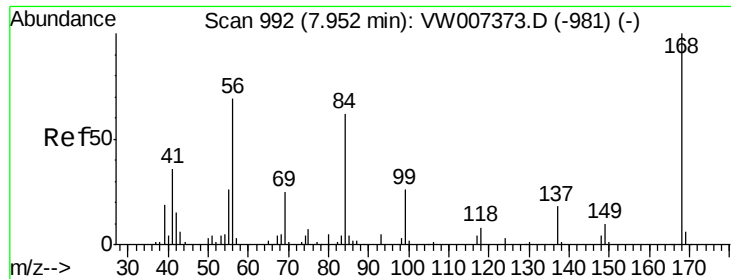
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

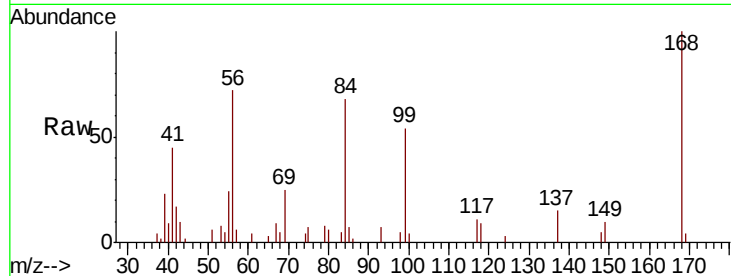
S32-0632MSD

Tgt Ion:168 Resp: 5794

Ion Ratio Lower Upper

168 100

99 53.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

3000

2500

2000

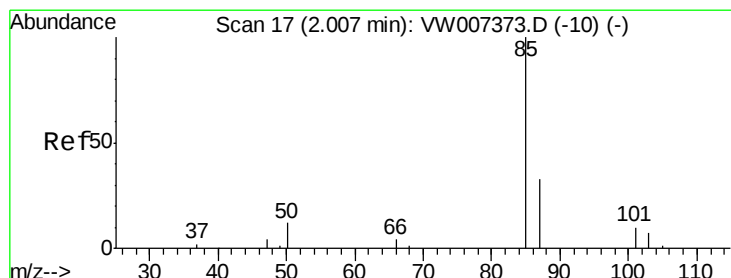
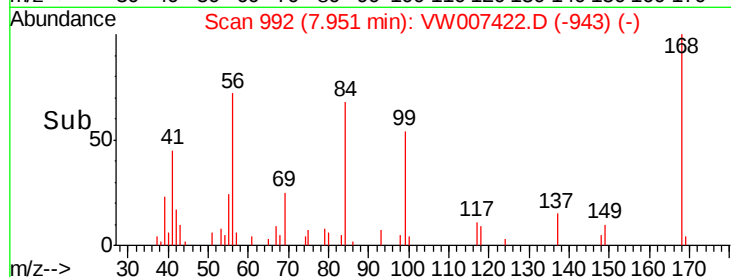
1500

1000

500

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.806 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007422.D

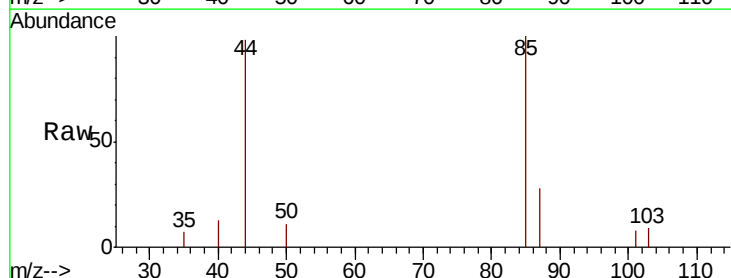
Acq: 12 Dec 2018 04:47

Tgt Ion: 85 Resp: 2381

Ion Ratio Lower Upper

85 100

87 28.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

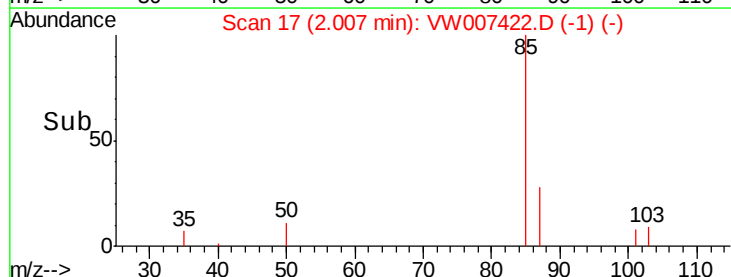
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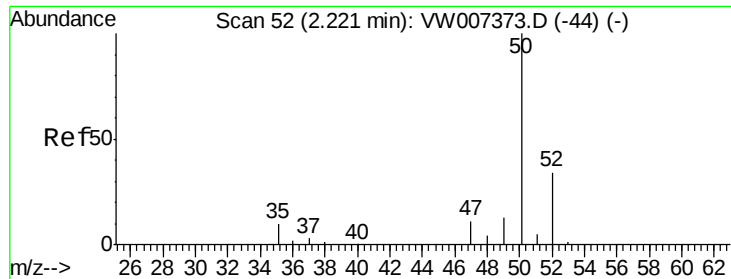
1000

500

0

Time-->





#3

Chloromethane

Concen: 48.718 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

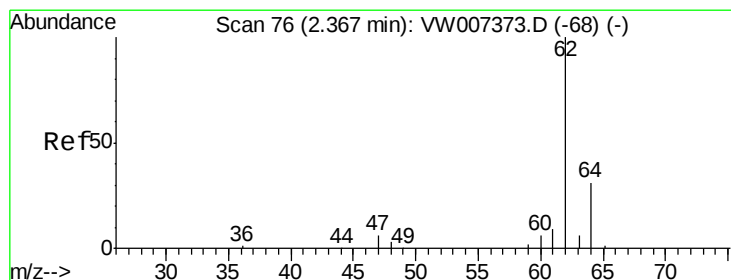
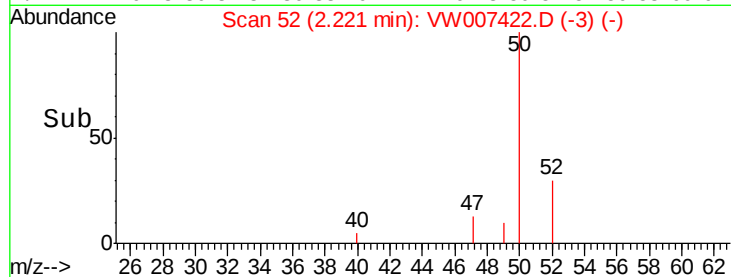
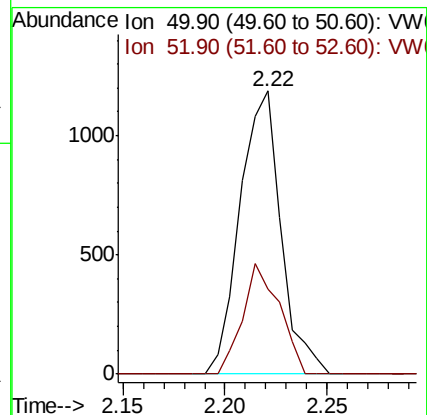
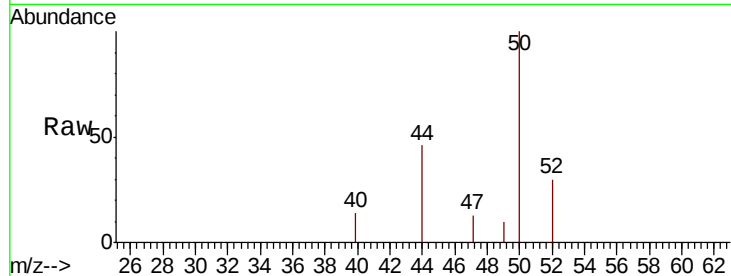
S32-0632MSD

Tgt Ion: 50 Resp: 1652

Ion Ratio Lower Upper

50 100

52 30.0 27.4 41.0



#4

Vinyl Chloride

Concen: 58.929 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007422.D

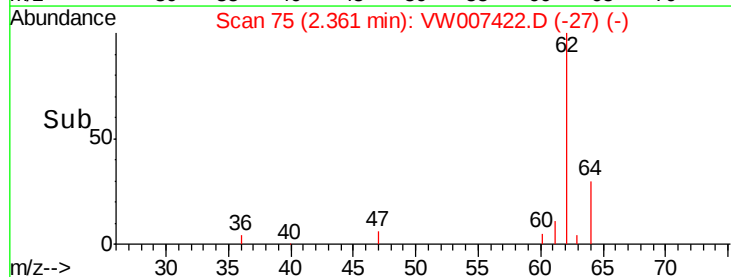
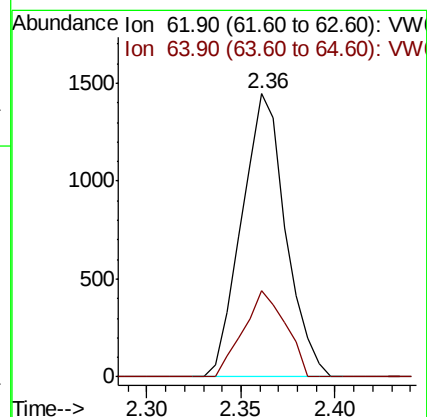
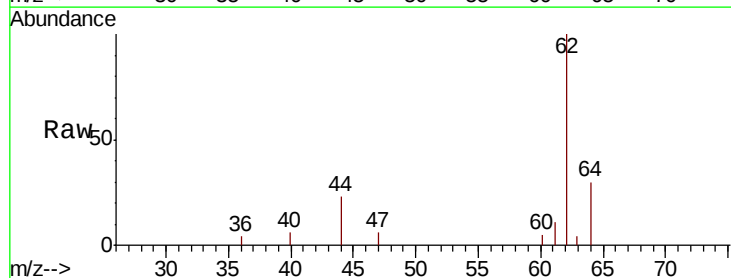
Acq: 12 Dec 2018 04:47

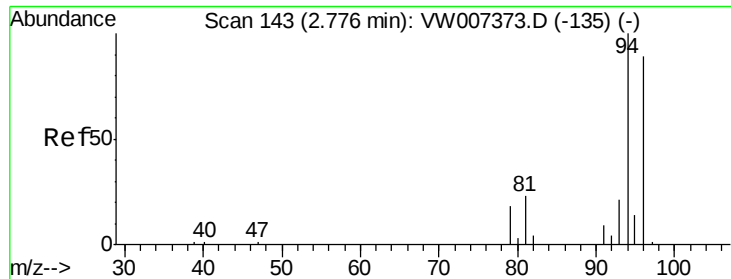
Tgt Ion: 62 Resp: 2345

Ion Ratio Lower Upper

62 100

64 30.3 24.6 37.0

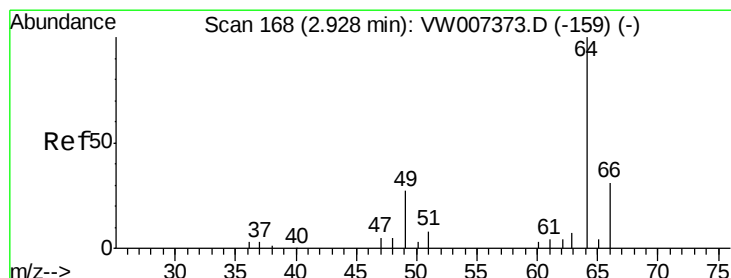
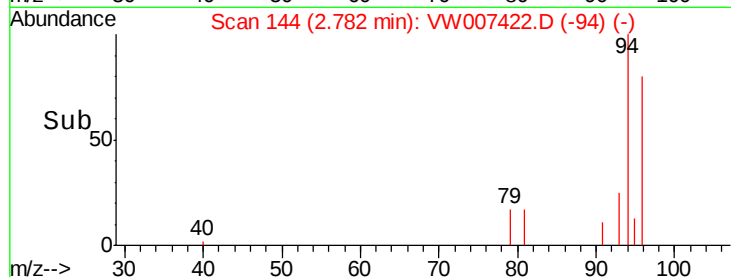
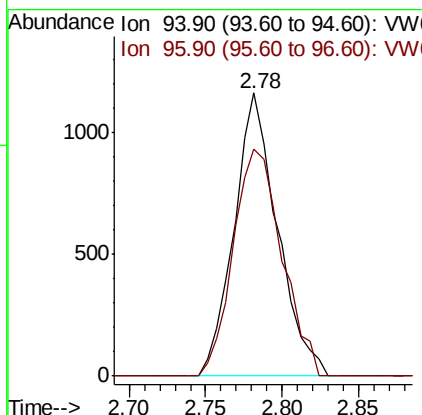
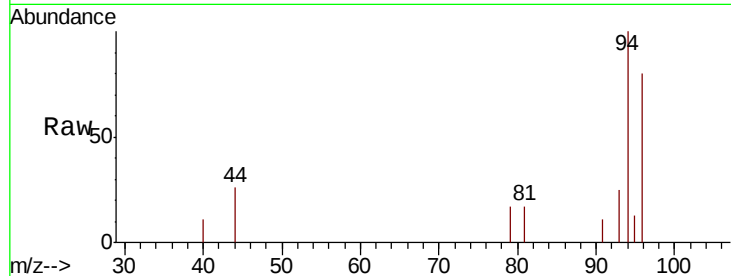




#5
Bromomethane
Concen: 85.388 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

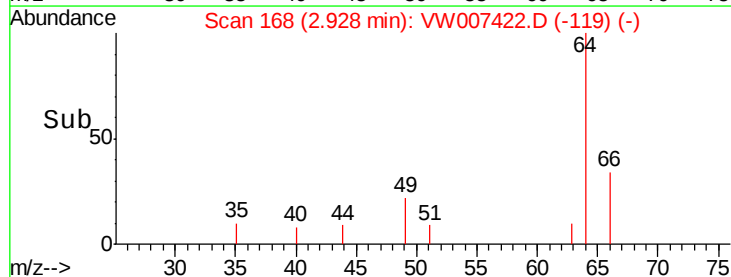
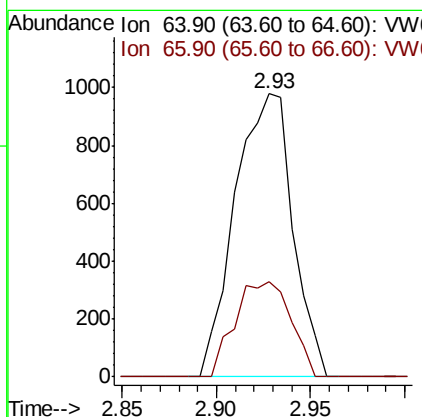
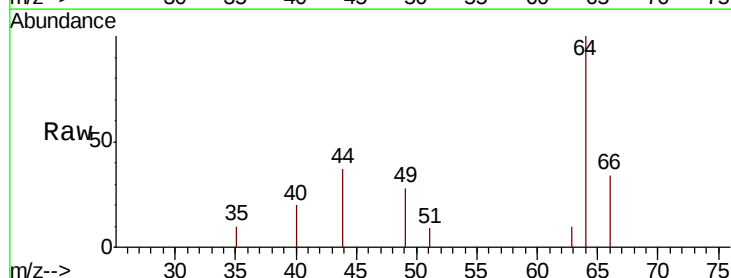
Instrument :
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ClientSampleId :
S32-0632MSD

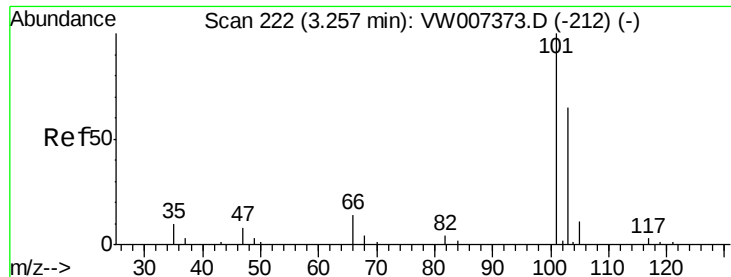
Tgt Ion: 94 Resp: 2283
Ion Ratio Lower Upper
94 100
96 80.1 71.0 106.4



#6
Chloroethane
Concen: 94.681 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 64 Resp: 2074
Ion Ratio Lower Upper
64 100
66 33.8 24.6 37.0



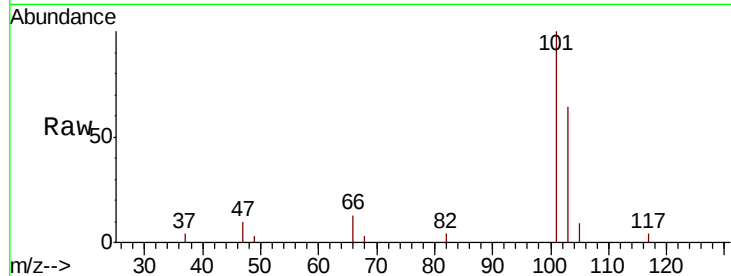


#7

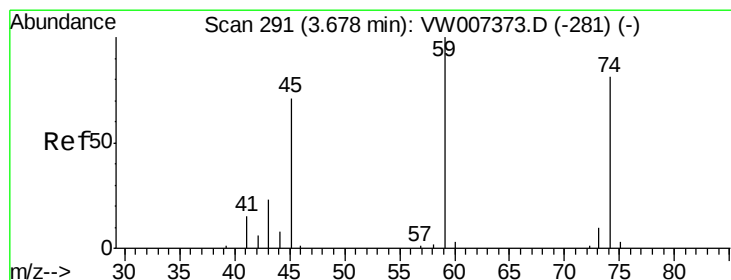
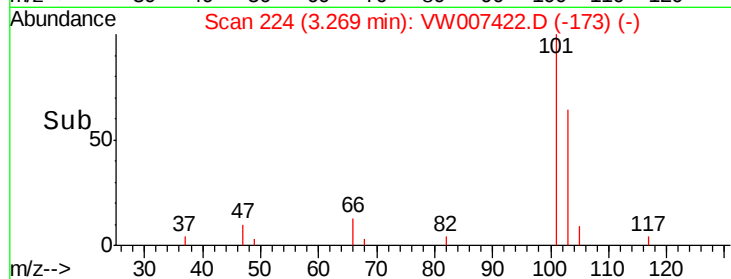
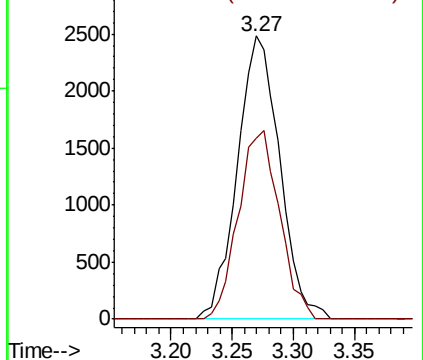
Trichlorofluoromethane
 Concen: 167.232 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
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 S32-0632MSD

Tgt Ion: 101 Resp: 5983
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.7 77.5



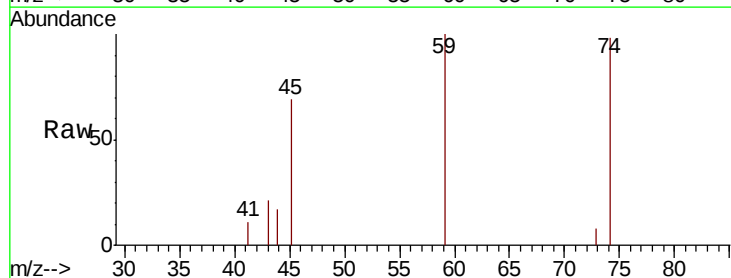
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



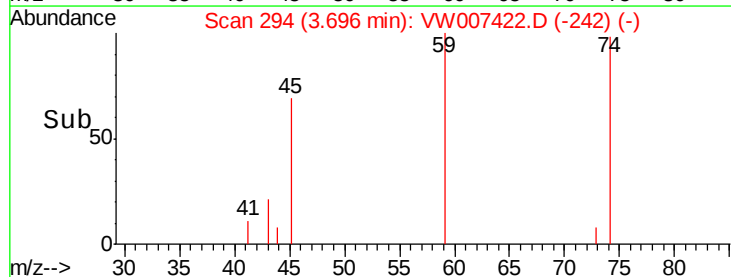
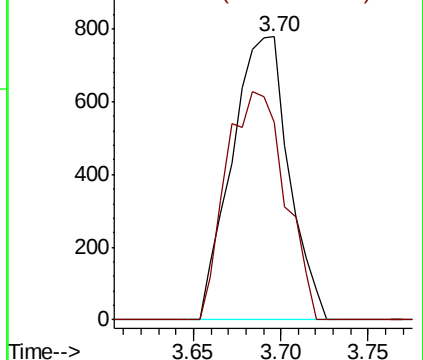
#8

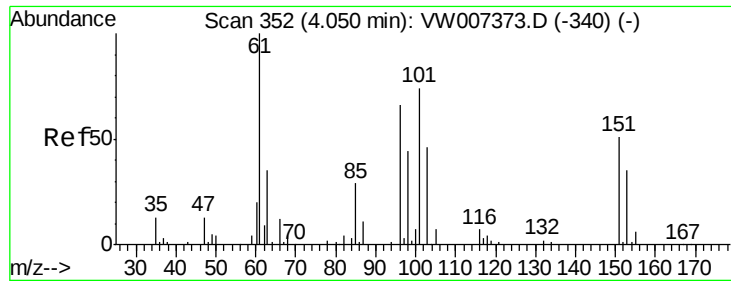
Diethyl Ether
 Concen: 63.139 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 74 Resp: 1768
 Ion Ratio Lower Upper
 74 100
 45 83.1 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.154 ug/l

RT: 4.08 min Scan# 357

Delta R.T. 0.03 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

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S32-0632MSD

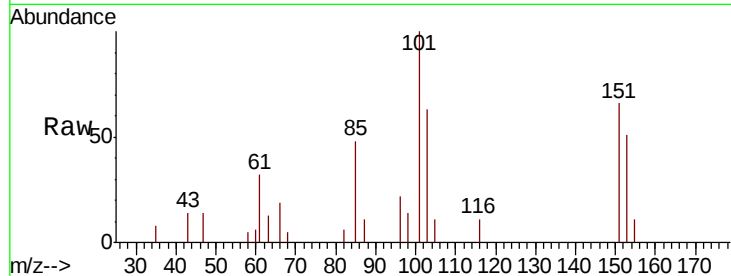
Tgt Ion:101 Resp: 3433

Ion Ratio Lower Upper

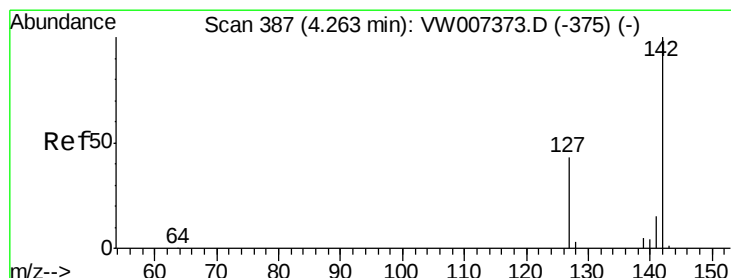
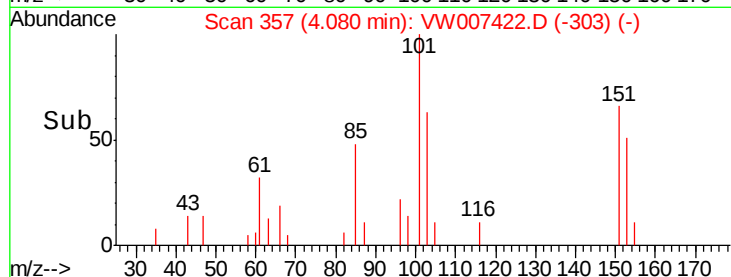
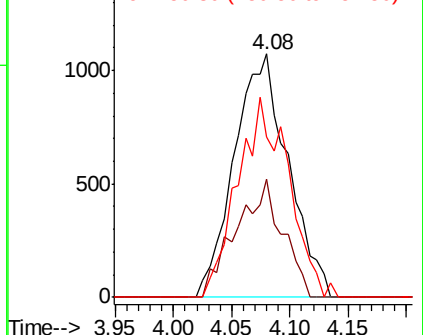
101 100

85 41.7 33.9 50.9

151 77.8 63.7 95.5



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: 49.320 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.02 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

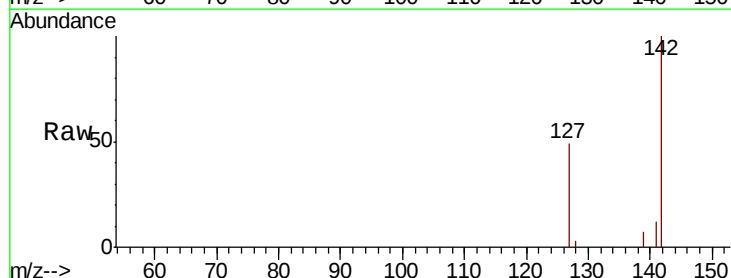
Tgt Ion:142 Resp: 4822

Ion Ratio Lower Upper

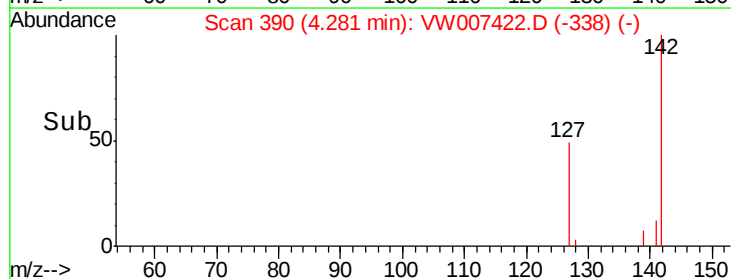
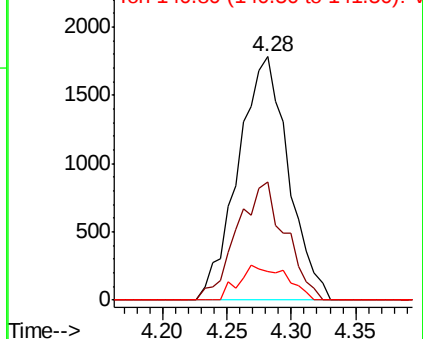
142 100

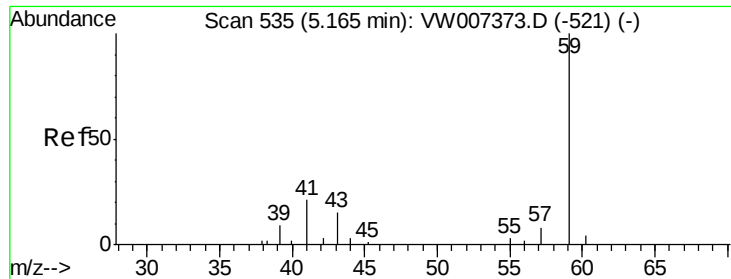
127 46.8 35.8 53.6

141 13.6 11.1 16.7



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

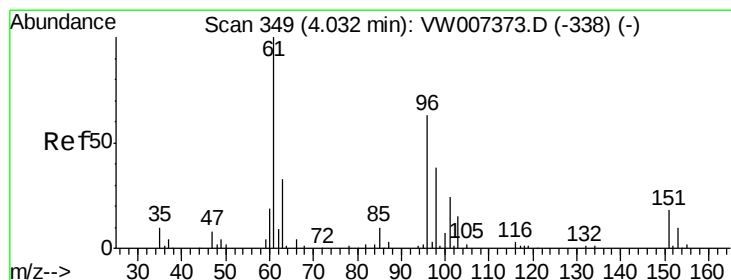
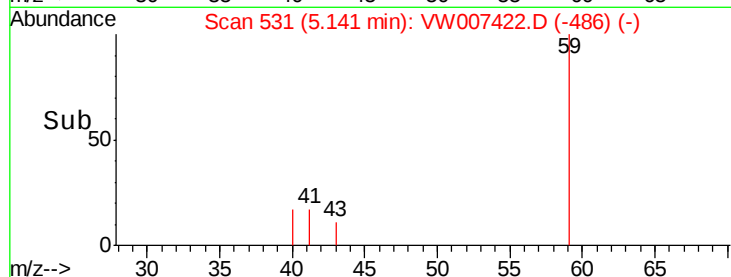
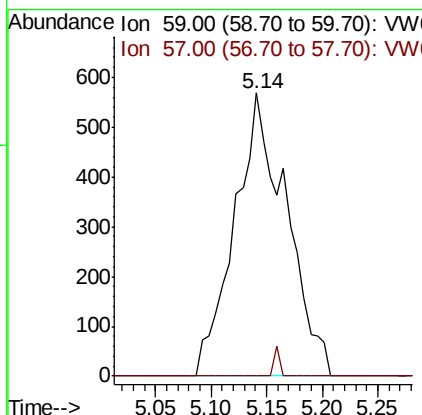
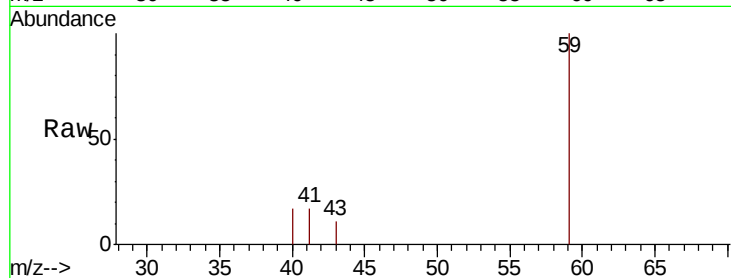




#11
Tert butyl alcohol
Concen: 416.567 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

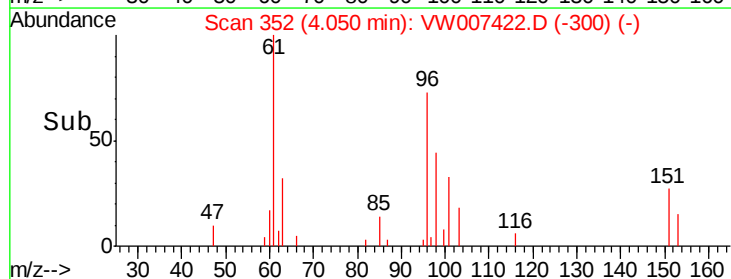
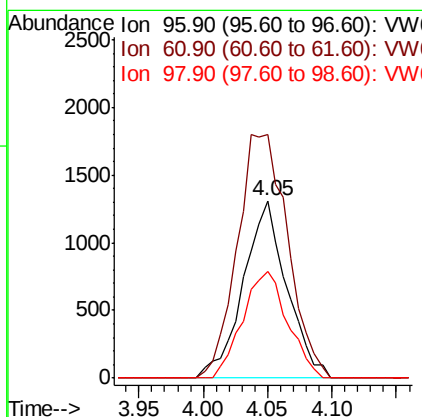
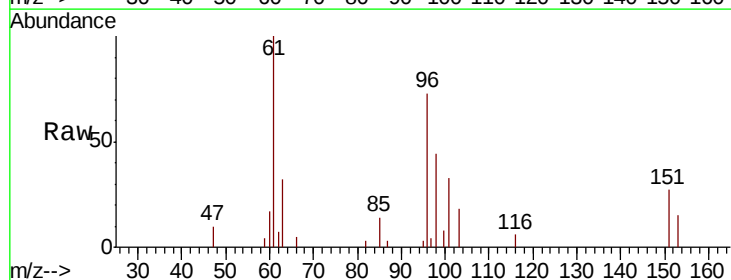
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

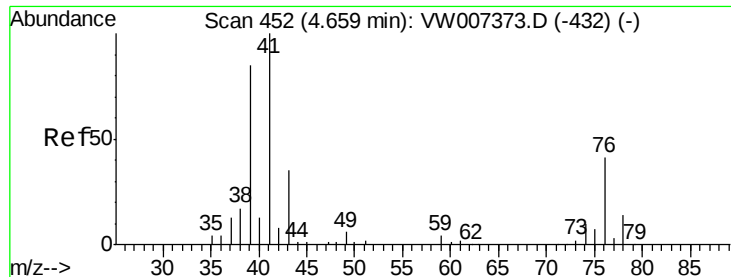
Tgt Ion: 59 Resp: 1839
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#12
1,1-Dichloroethene
Concen: 53.890 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.02 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 96 Resp: 3063
Ion Ratio Lower Upper
96 100
61 137.2 126.2 189.2
98 60.3 48.3 72.5





#14

Allyl chloride

Concen: 43.794 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

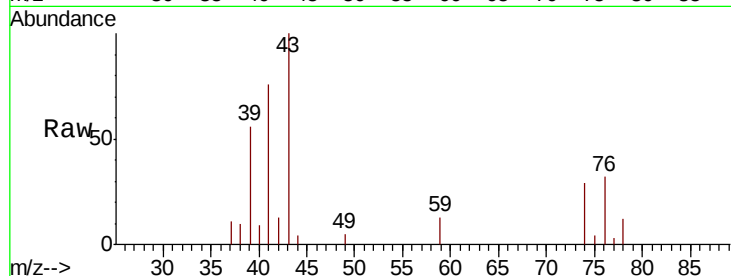
Tgt Ion: 41 Resp: 3669

Ion Ratio Lower Upper

41 100

39 86.0 63.4 95.2

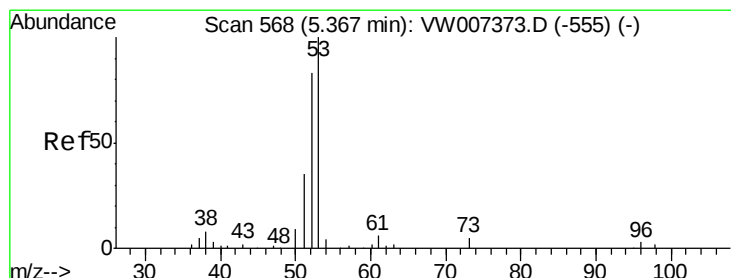
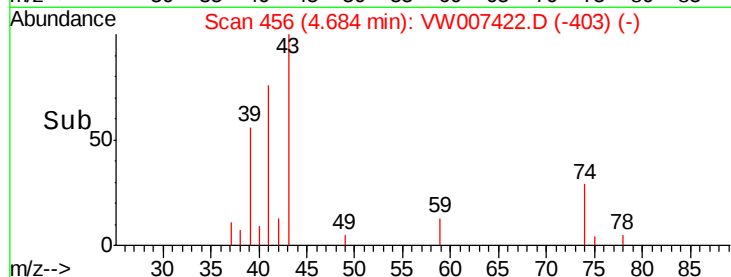
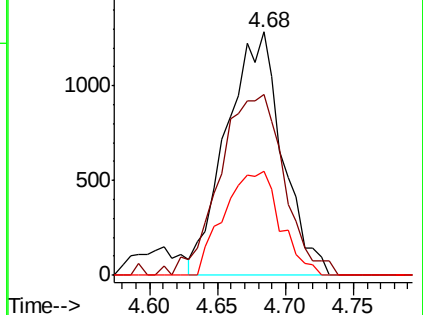
76 43.1 32.1 48.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



#15

Acrylonitrile

Concen: 401.041 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

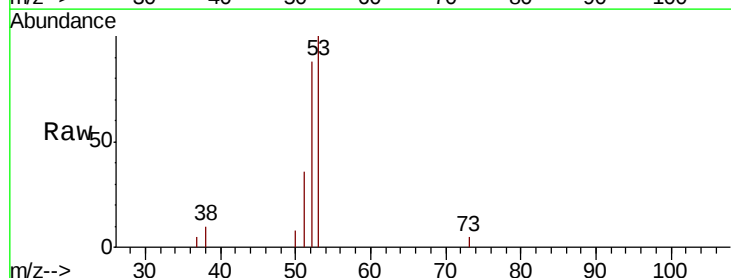
Tgt Ion: 53 Resp: 4734

Ion Ratio Lower Upper

53 100

52 81.9 67.4 101.2

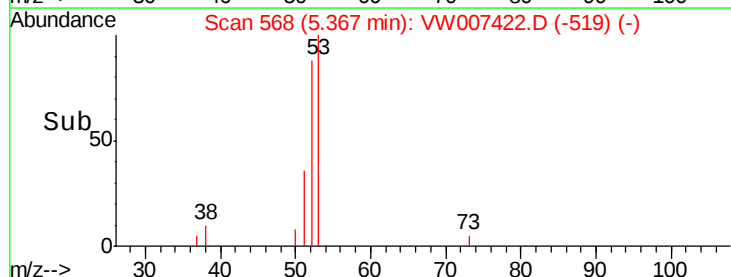
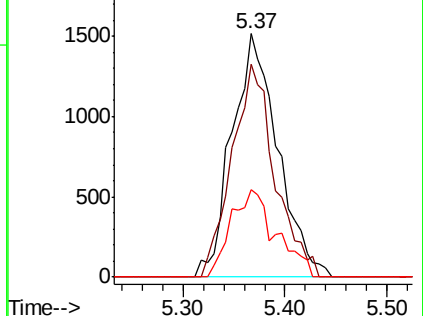
51 35.1 30.2 45.2

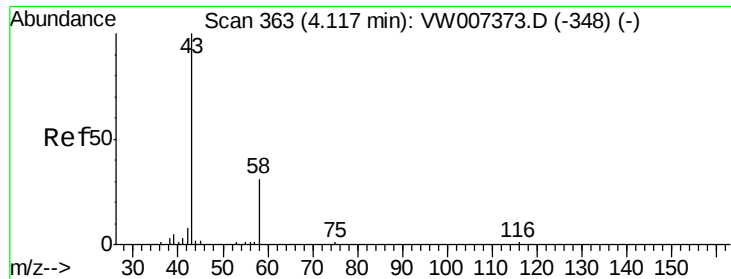


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 394.290 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

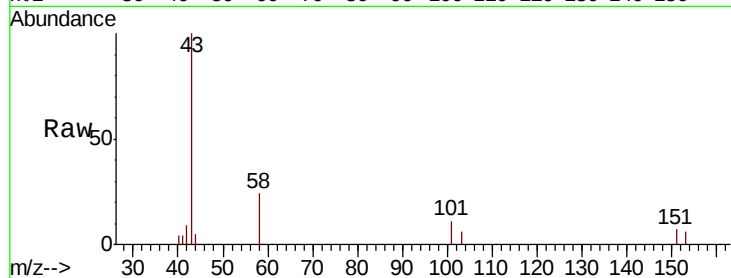
S32-0632MSD

Tgt Ion: 43 Resp: 4427

Ion Ratio Lower Upper

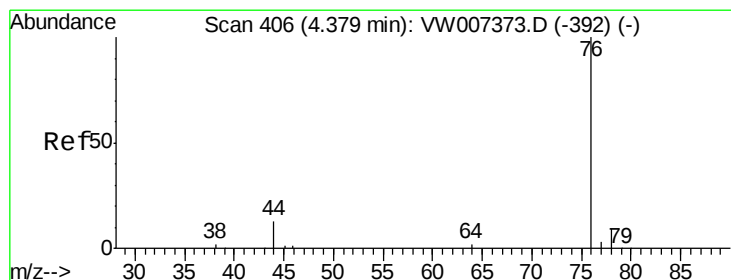
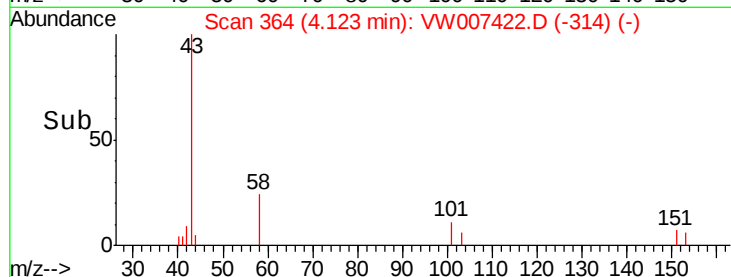
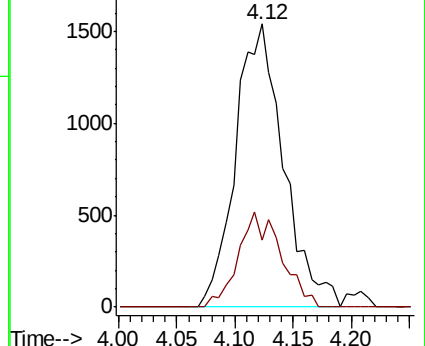
43 100

58 23.9 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 57.150 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW007422.D

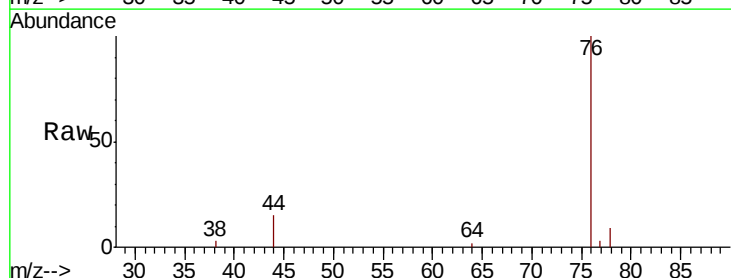
Acq: 12 Dec 2018 04:47

Tgt Ion: 76 Resp: 9849

Ion Ratio Lower Upper

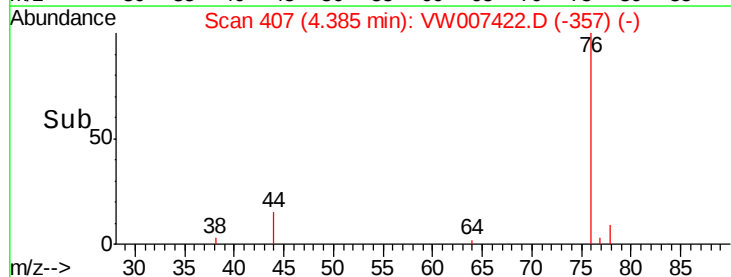
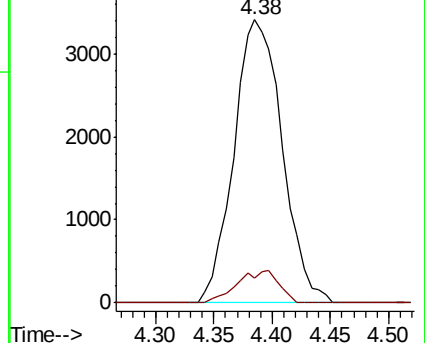
76 100

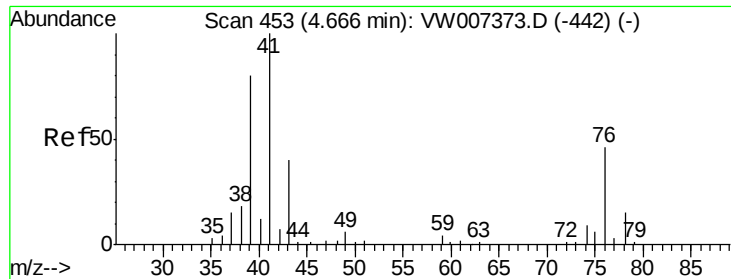
78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

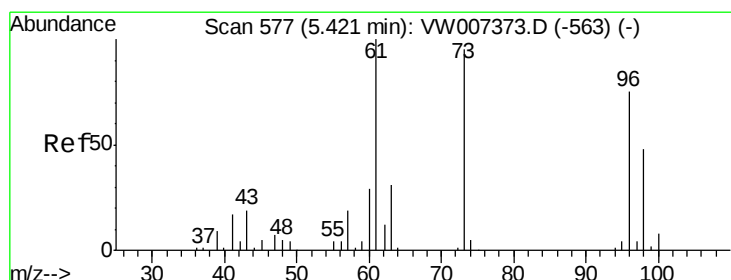
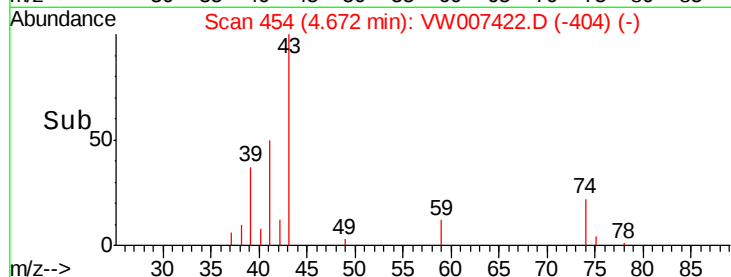
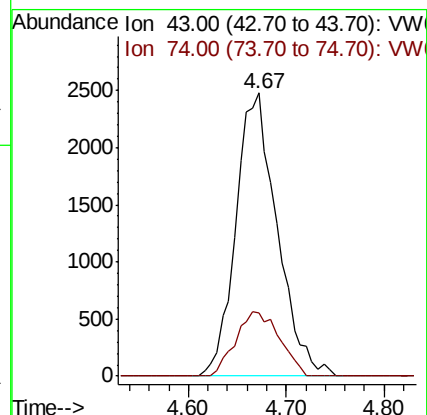
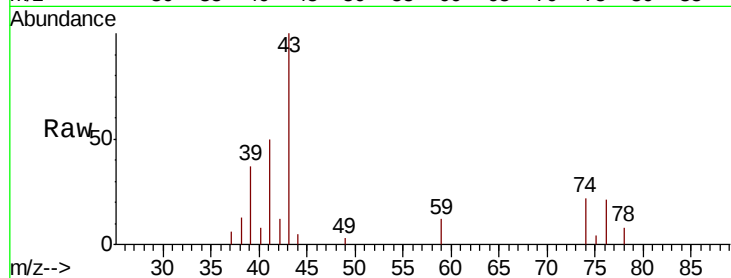




#18
Methyl Acetate
Concen: 238.175 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

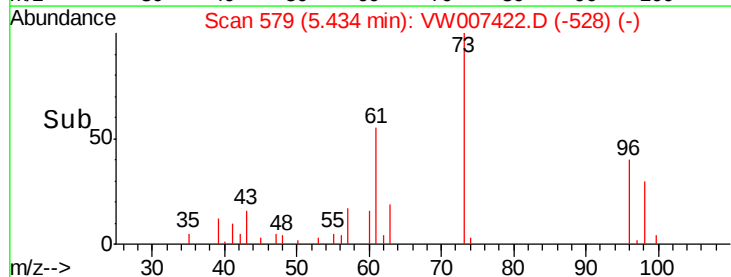
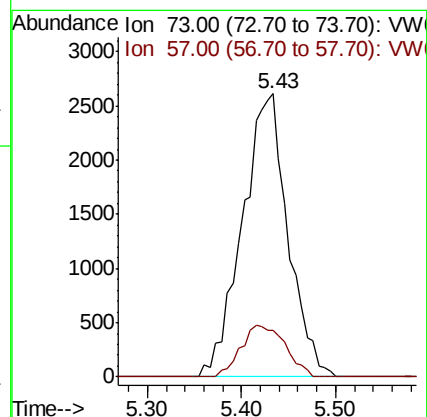
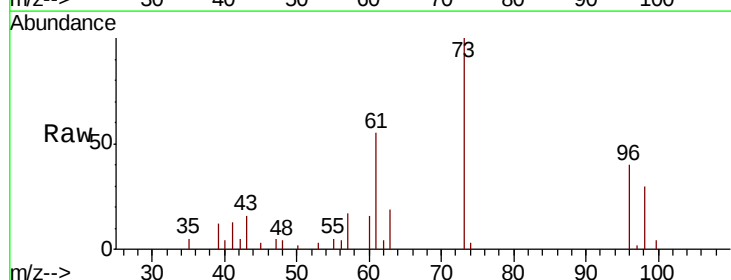
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

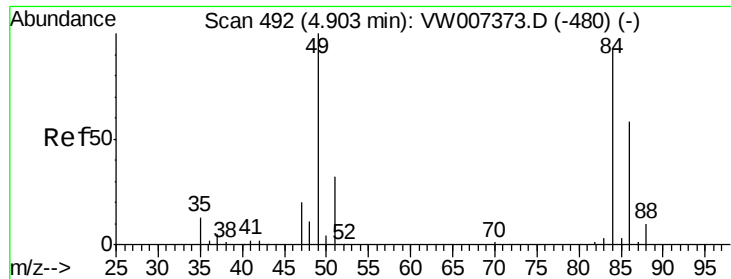
Tgt Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
74 24.2 21.1 31.7



#19
Methyl tert-butyl Ether
Concen: 103.286 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 73 Resp: 8856
Ion Ratio Lower Upper
73 100
57 16.6 16.4 24.6

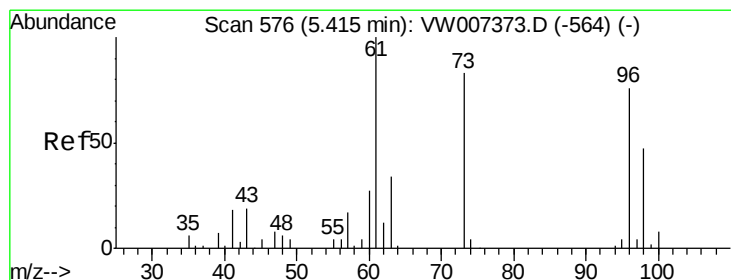
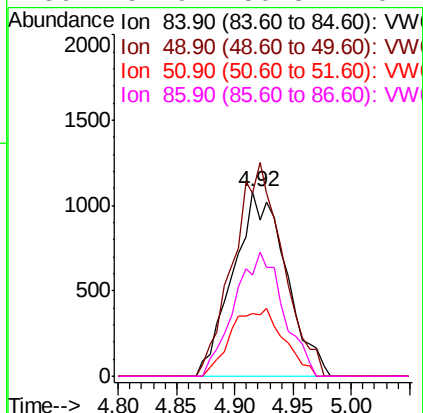
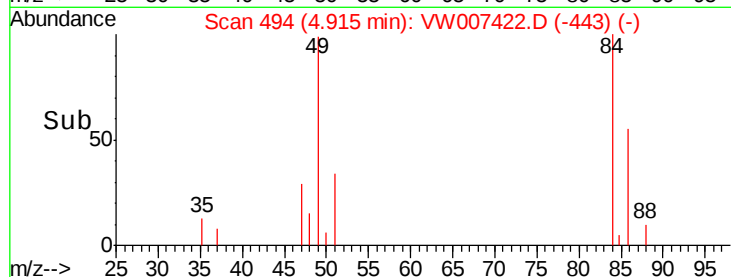
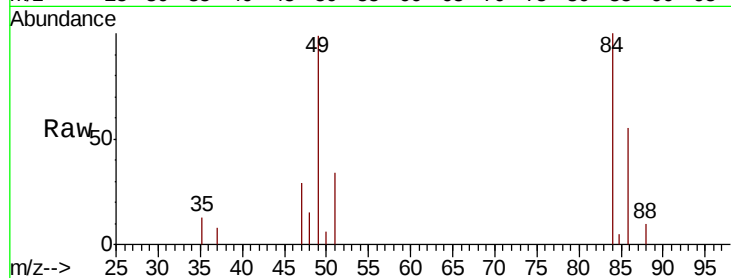




#20
Methylene Chloride
Concen: 56.079 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

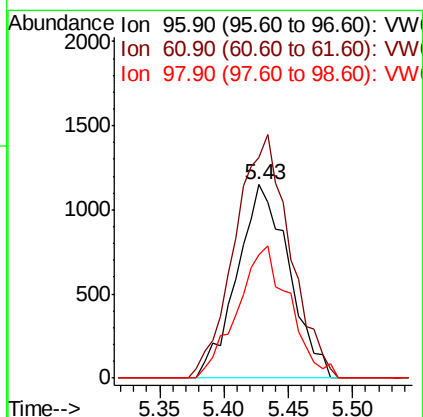
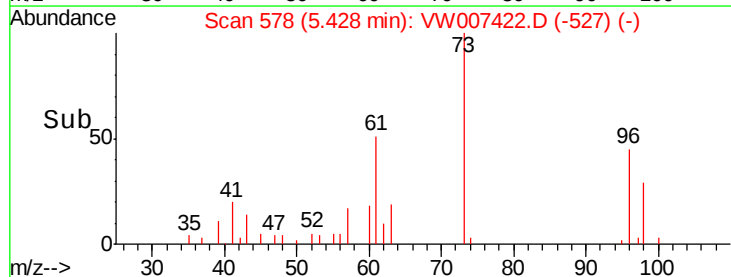
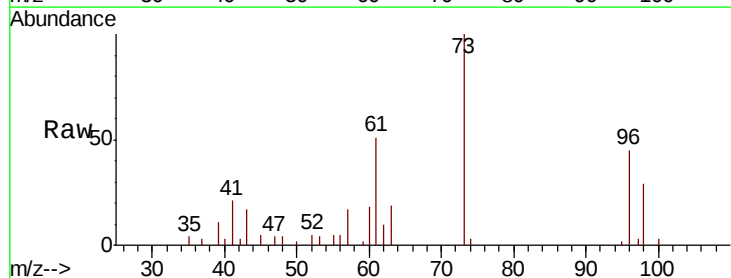
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

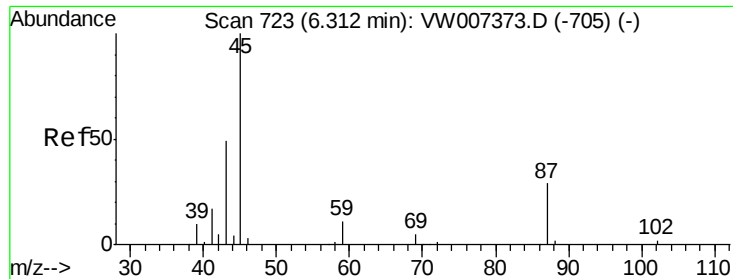
Tgt Ion:	84	Resp:	3414
Ion	Ratio	Lower	Upper
84	100		
49	98.9	87.1	130.7
51	34.2	28.2	42.2
86	54.9	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: 50.644 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:	96	Resp:	3220
Ion	Ratio	Lower	Upper
96	100		
61	114.1	105.0	157.6
98	64.1	49.7	74.5

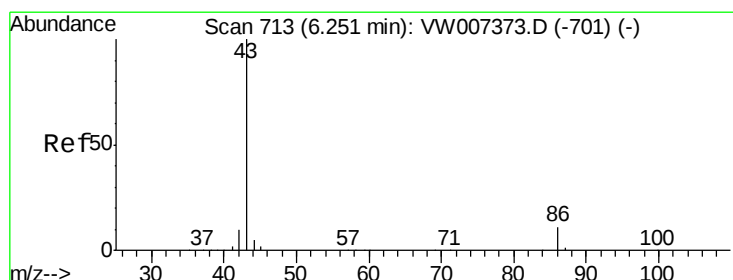
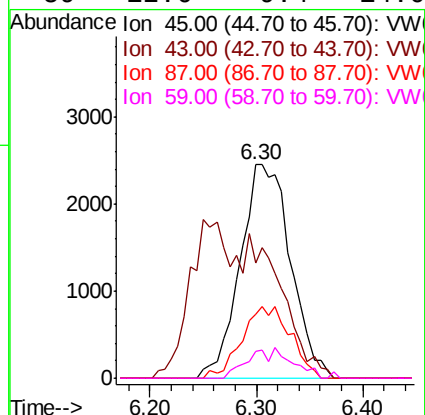
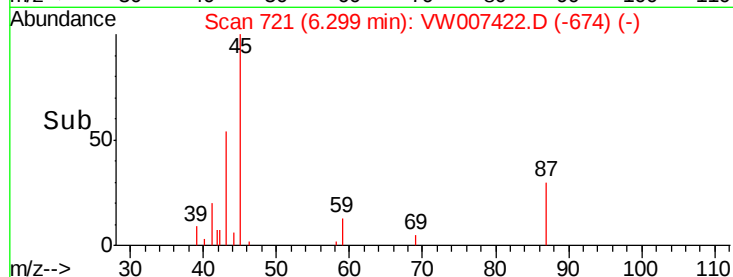
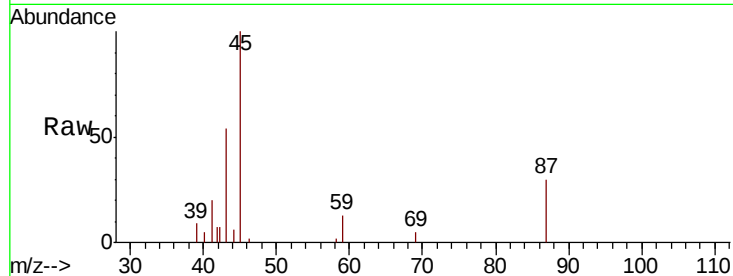




#22
Diisopropyl ether
Concen: 50.461 ug/l
RT: 6.30 min Scan# 721
Delta R.T. -0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

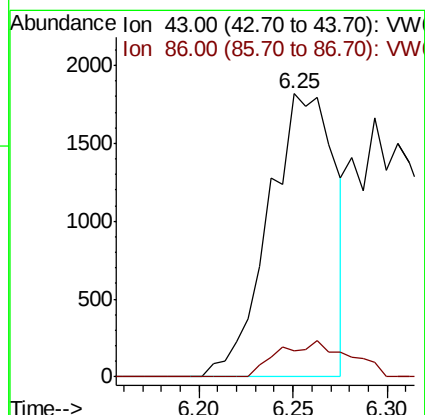
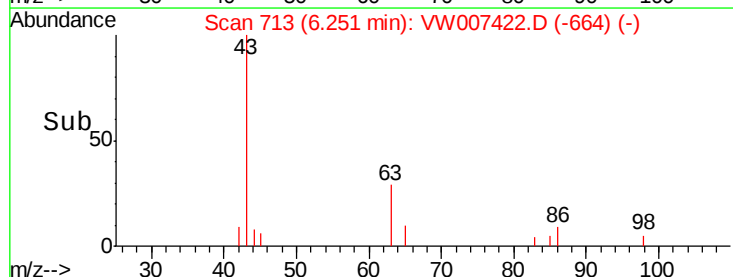
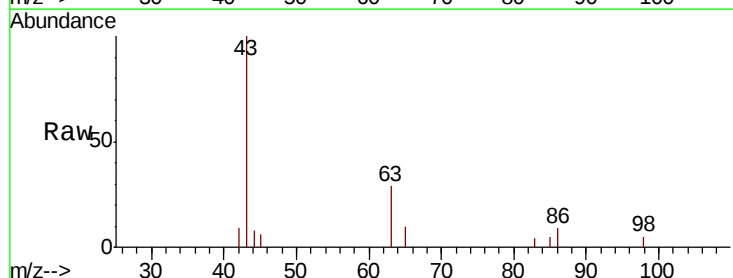
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

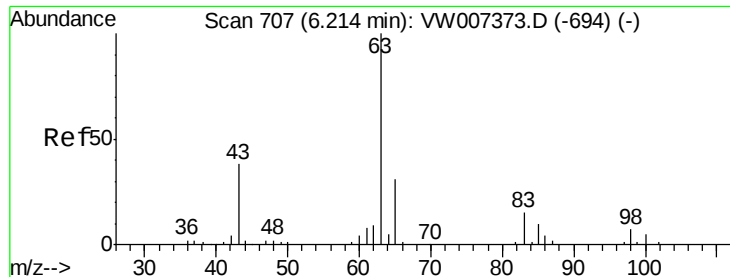
Tgt Ion:	45	Resp:	8126
Ion	Ratio	Lower	Upper
45	100		
43	54.0	41.6	62.4
87	30.2	24.3	36.5
59	12.6	9.4	14.0



#23
Vinyl Acetate
Concen: 49.260 ug/l
RT: 6.25 min Scan# 713
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:	43	Resp:	4437
Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.6	12.8





#24

1,1-Dichloroethane

Concen: 51.792 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

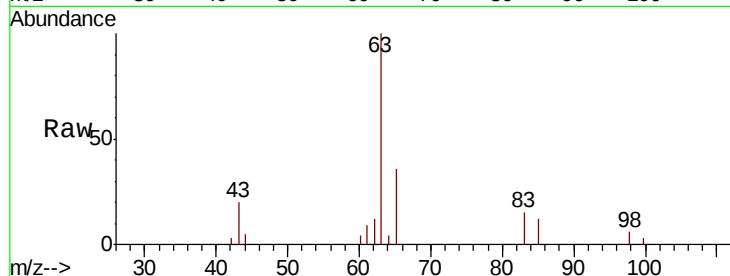
Tgt Ion: 63 Resp: 5637

Ion Ratio Lower Upper

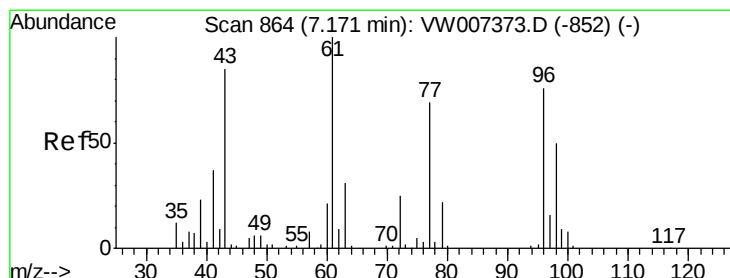
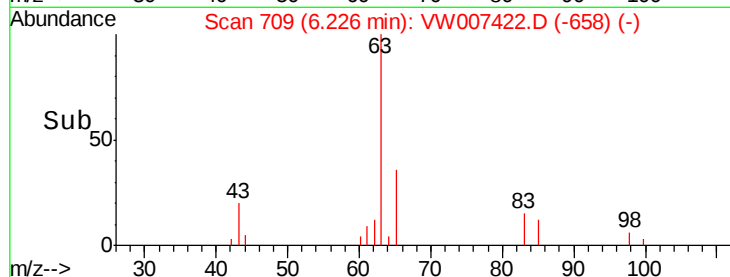
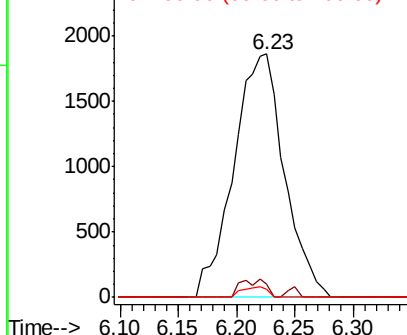
63 100

98 5.6 3.5 10.4

100 3.3 2.5 7.5



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: 389.483 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007422.D

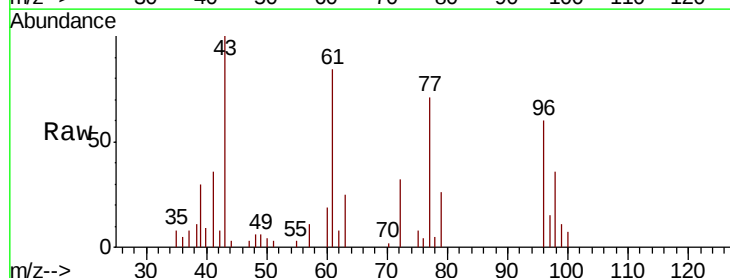
Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 5709

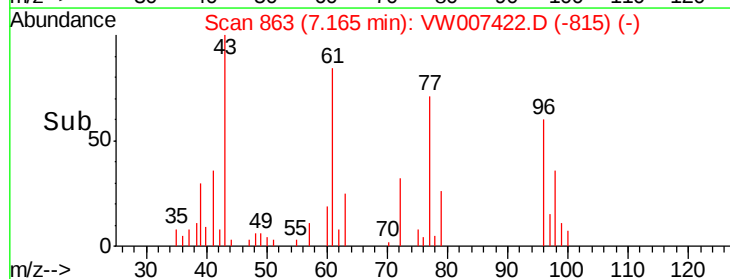
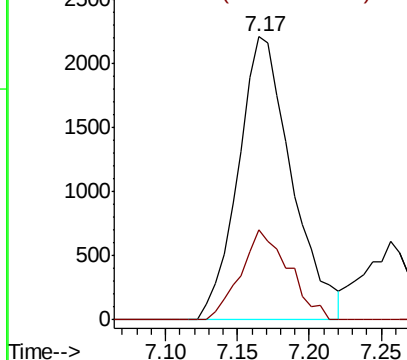
Ion Ratio Lower Upper

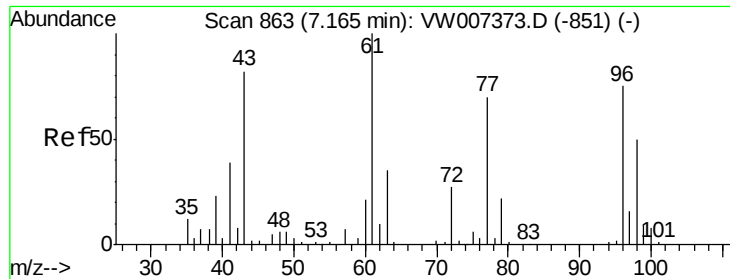
43 100

72 32.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

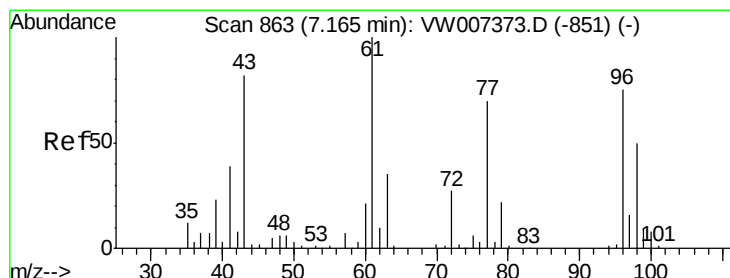
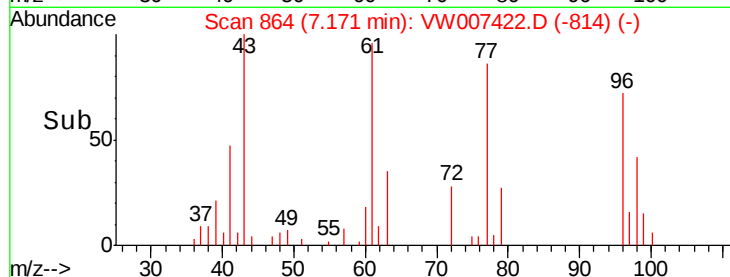
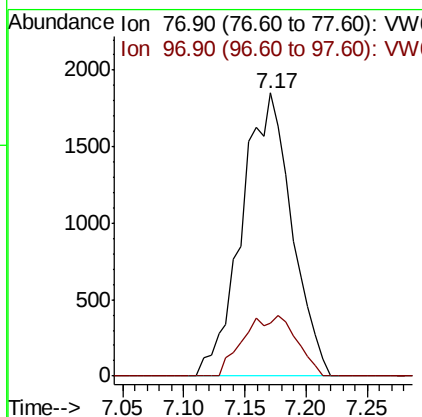
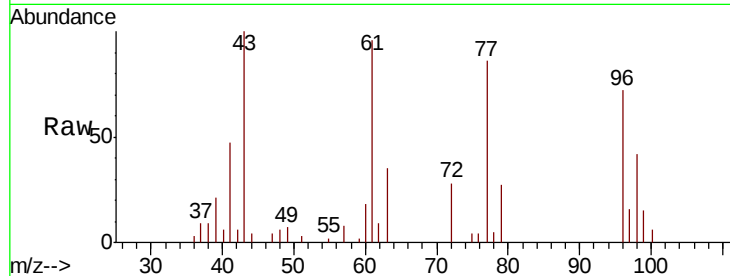




#26
 2,2-Dichloropropane
 Concen: 73.079 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

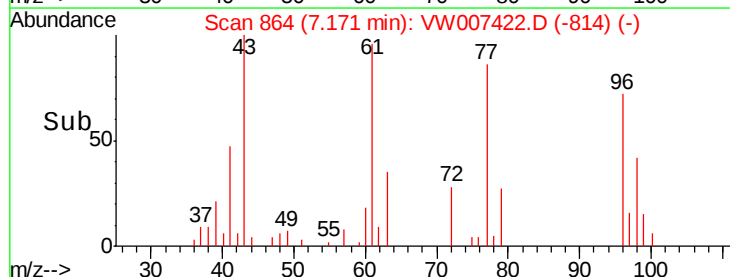
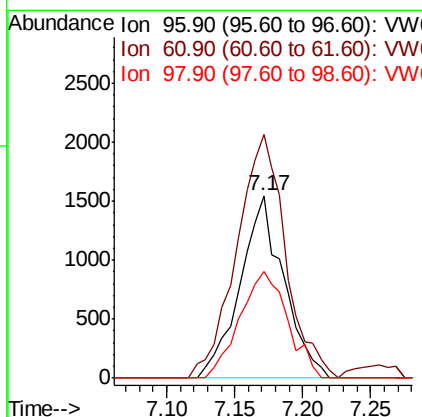
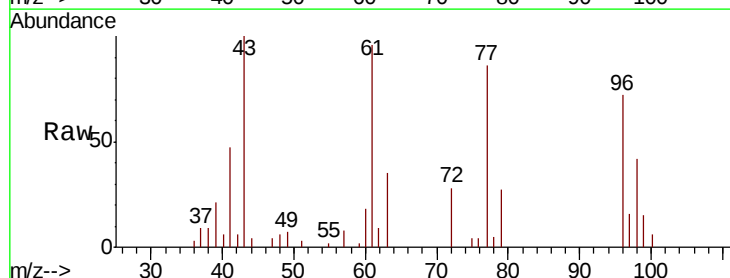
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

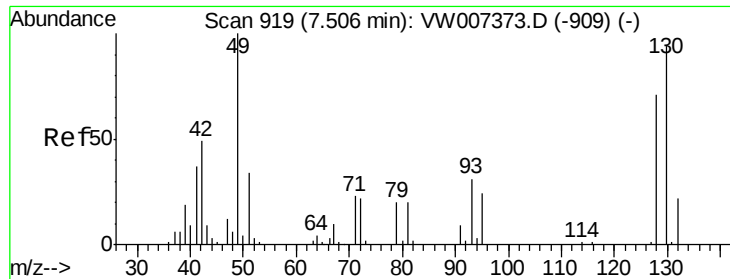
Tgt Ion: 77 Resp: 5264
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.6 34.8



#27
 cis-1,2-Dichloroethene
 Concen: 49.685 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 96 Resp: 3459
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 268.4
 98 64.0 0.0 127.8





#28

Bromochloromethane

Concen: 59.503 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

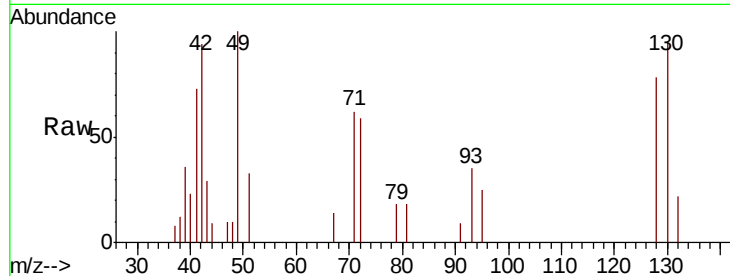
Tgt Ion: 49 Resp: 2436

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

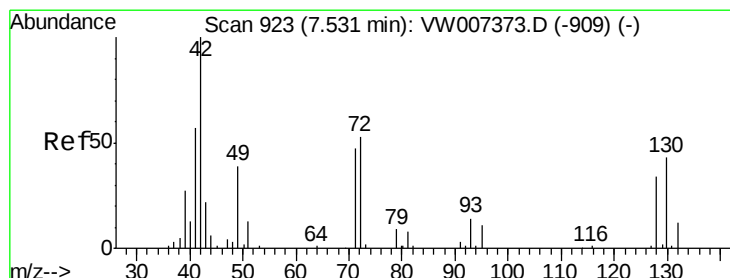
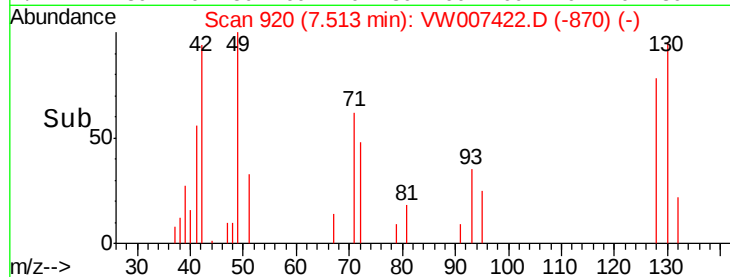
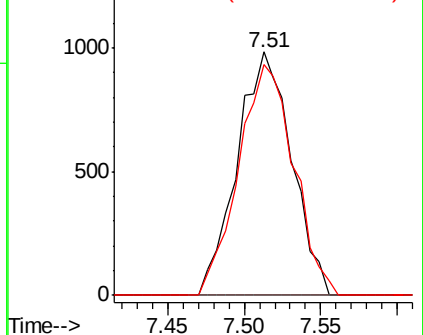
130 96.3 75.9 113.9



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 401.318 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

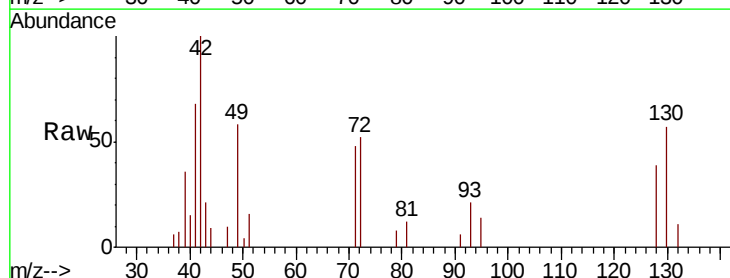
Tgt Ion: 42 Resp: 3724

Ion Ratio Lower Upper

42 100

72 50.3 38.2 57.4

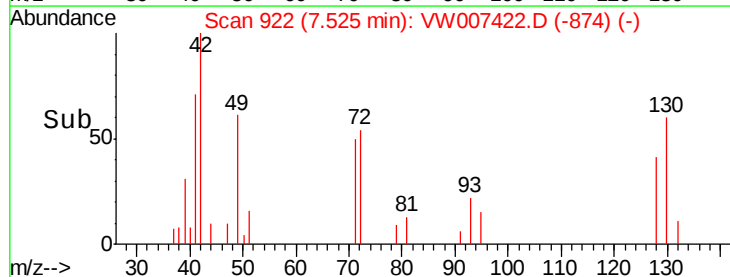
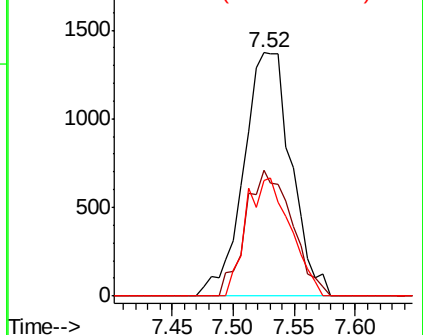
71 45.2 35.5 53.3

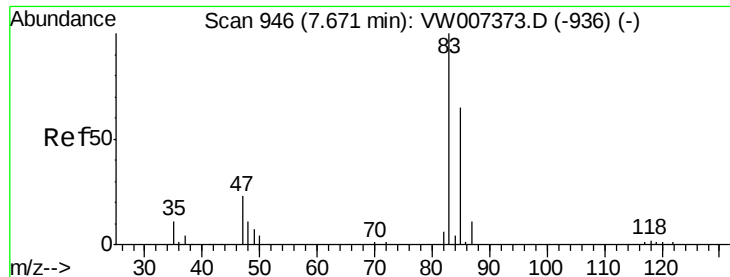


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

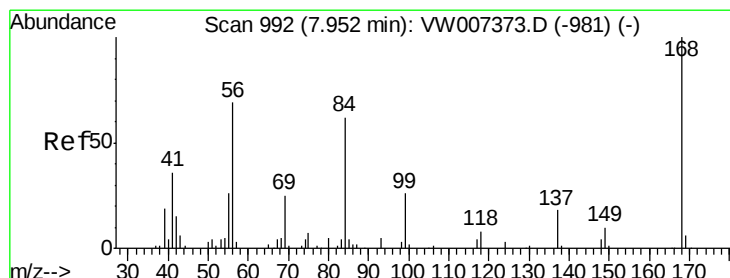
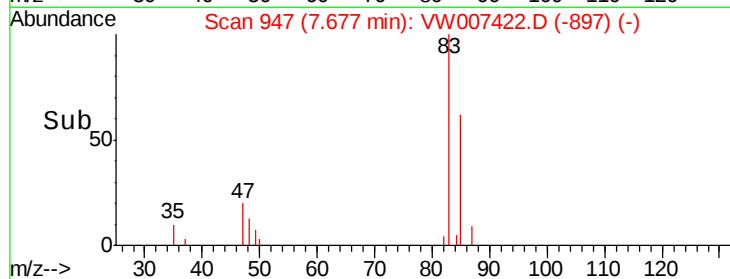
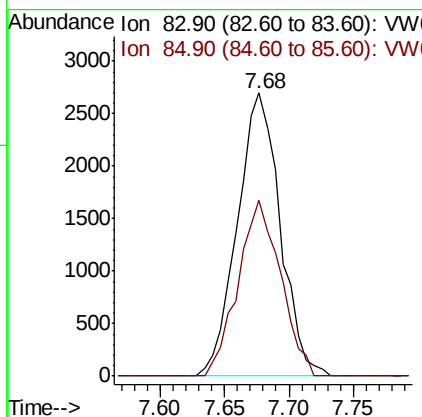
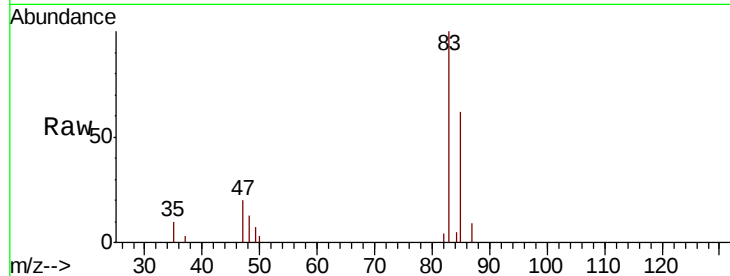




#30
Chloroform
Concen: 52.431 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

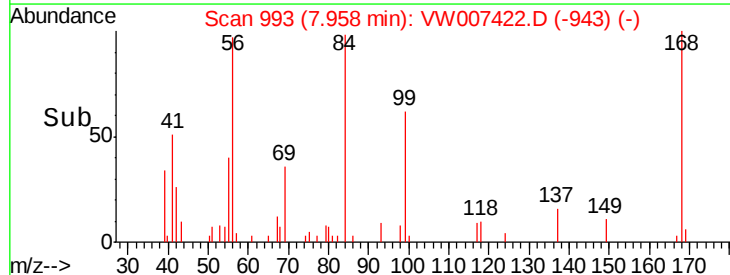
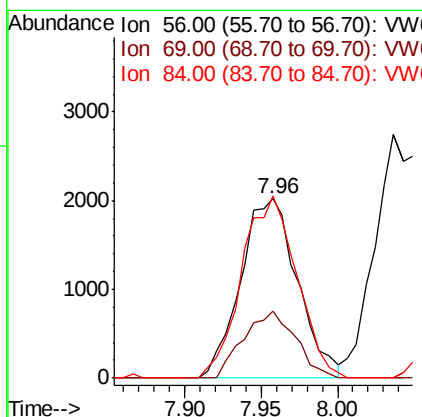
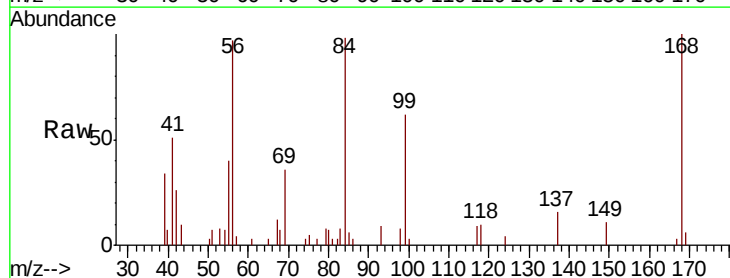
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

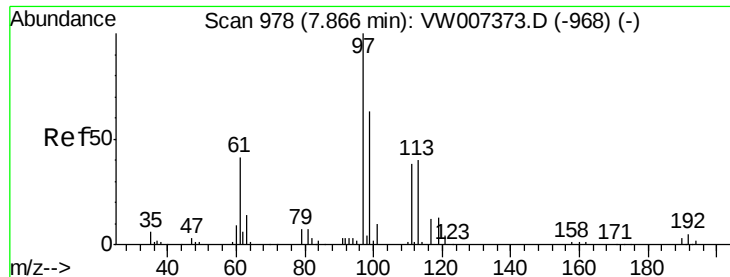
Tgt Ion: 83 Resp: 6210
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8



#31
Cyclohexane
Concen: 52.335 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 56 Resp: 5226
Ion Ratio Lower Upper
56 100
69 37.3 28.9 43.3
84 101.4 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 58.643 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

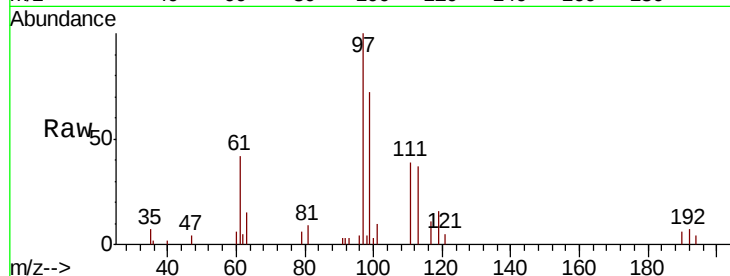
Tgt Ion: 97 Resp: 6091

Ion Ratio Lower Upper

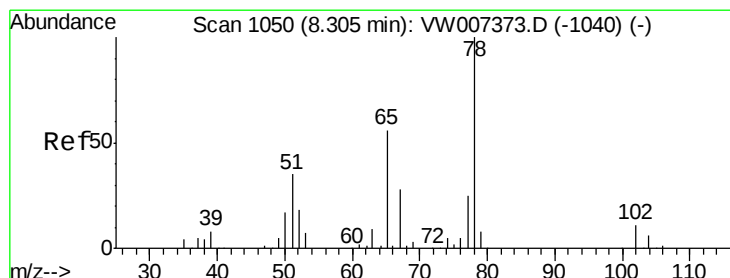
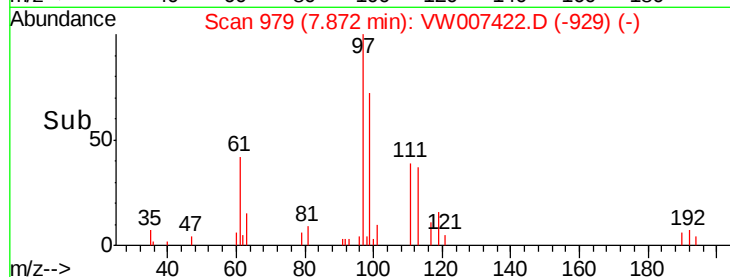
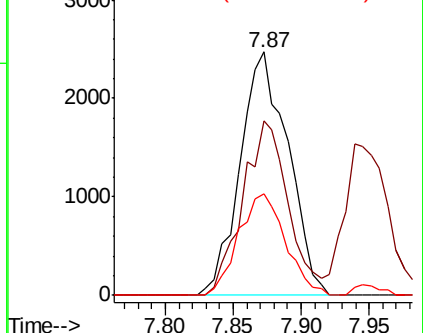
97 100

99 68.3 51.1 76.7

61 40.8 33.2 49.8



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: 56.643 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007422.D

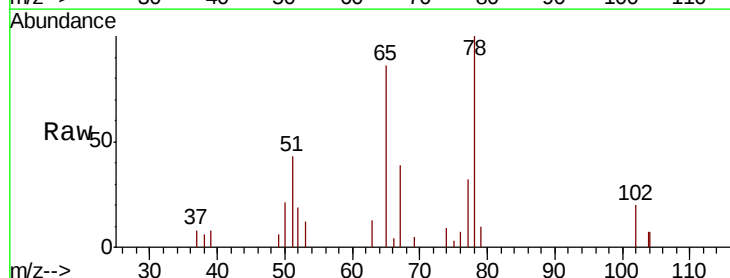
Acq: 12 Dec 2018 04:47

Tgt Ion: 65 Resp: 3641

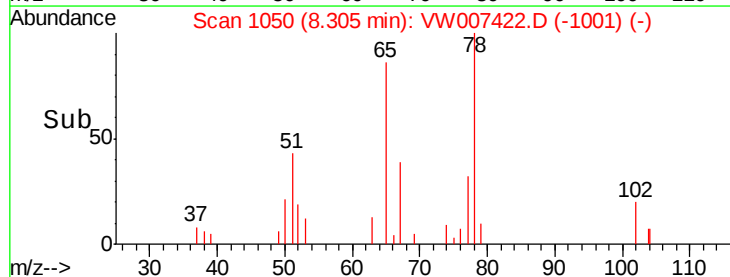
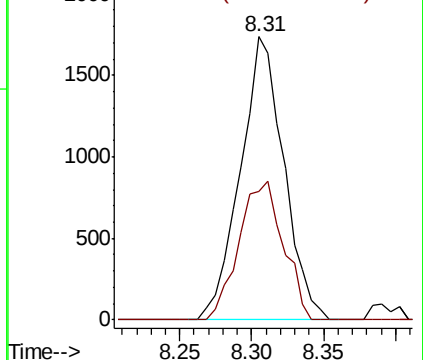
Ion Ratio Lower Upper

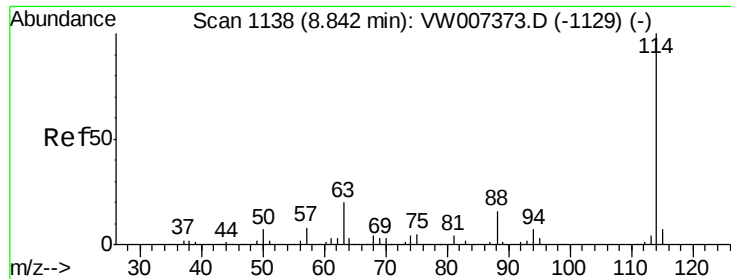
65 100

67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

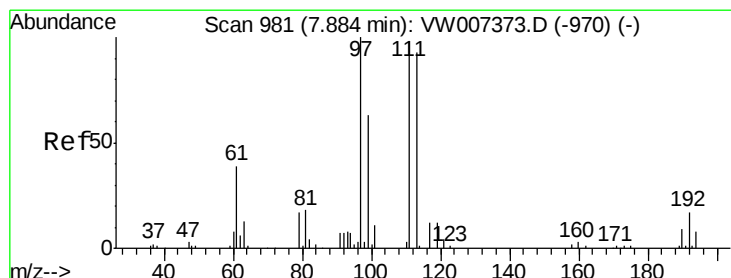
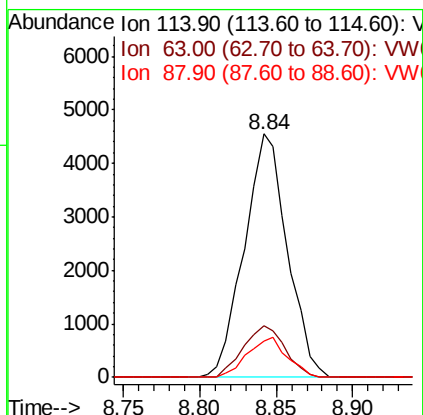
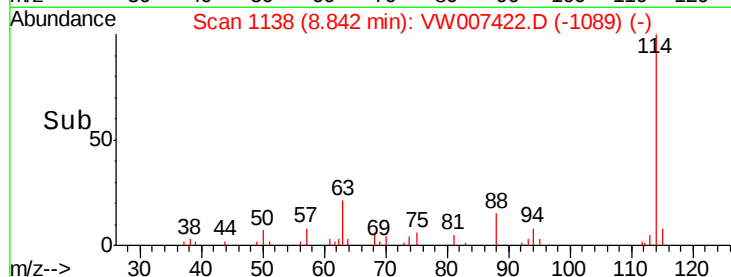
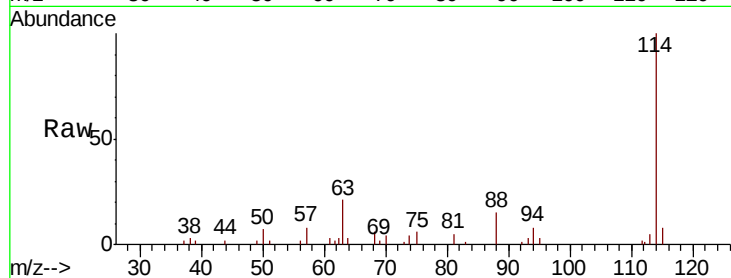




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

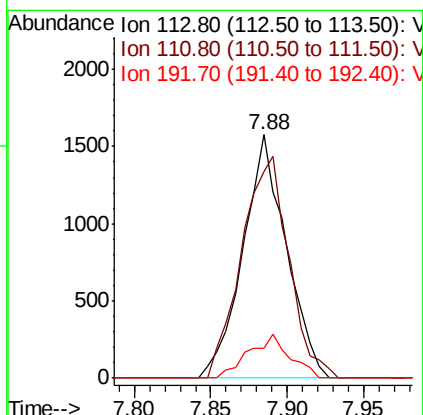
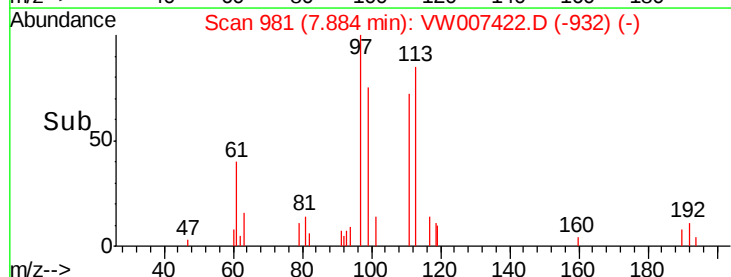
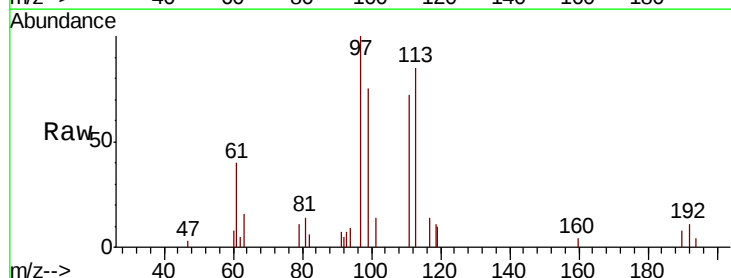
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

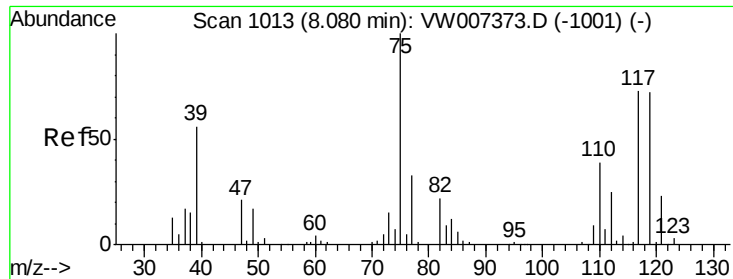
Tgt Ion:114 Resp: 8900
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.6
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 57.596 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:113 Resp: 3103
Ion Ratio Lower Upper
113 100
111 99.6 81.1 121.7
192 17.1 14.6 21.8

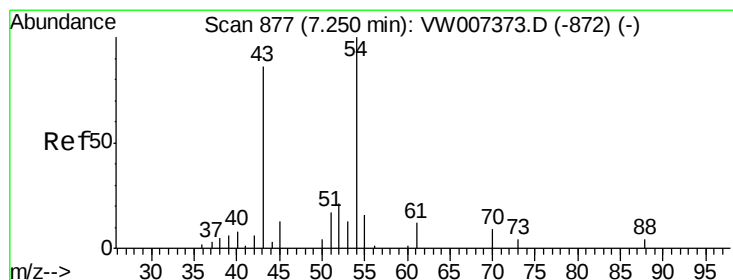
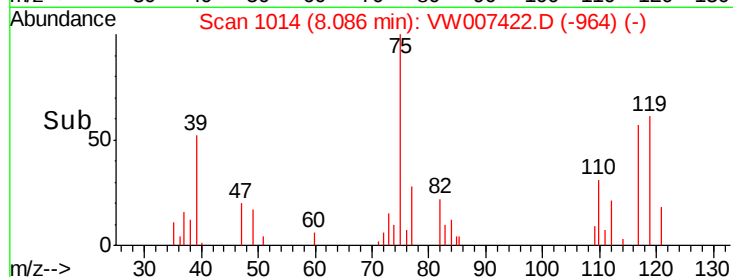
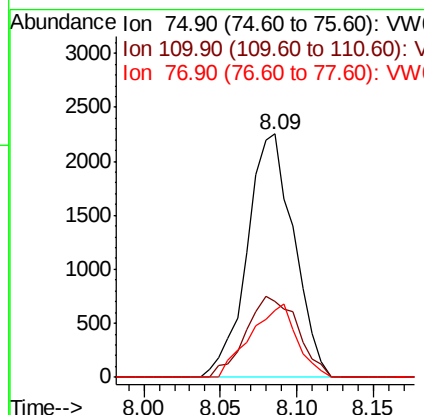
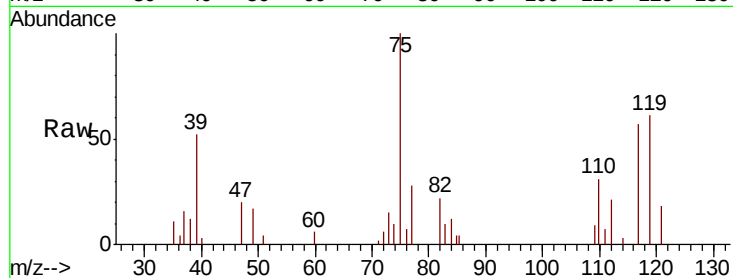




#36
 1,1-Dichloropropene
 Concen: 58.986 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

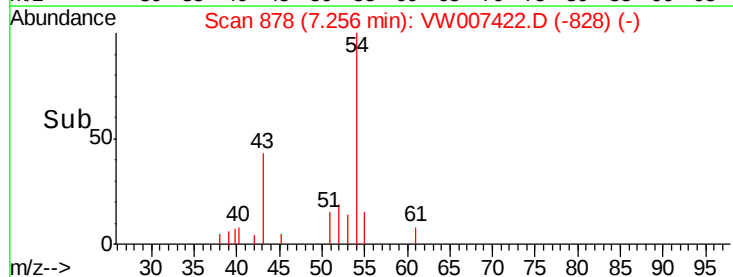
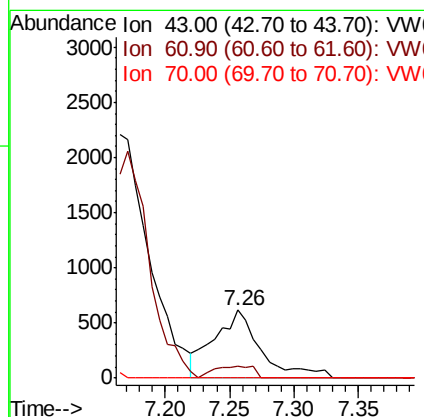
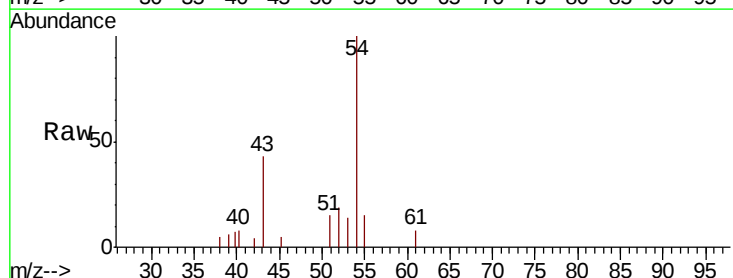
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

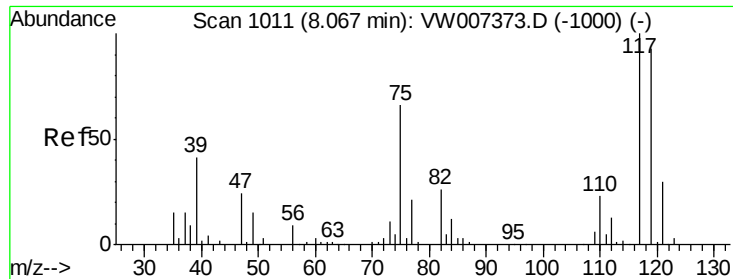
Tgt Ion: 75 Resp: 4789
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.5 55.5
 77 29.8 25.6 38.4



#37
 Ethyl Acetate
 Concen: 51.793 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 1564
 Ion Ratio Lower Upper
 43 100
 61 14.9 12.1 18.1
 70 0.0 10.0 15.0#

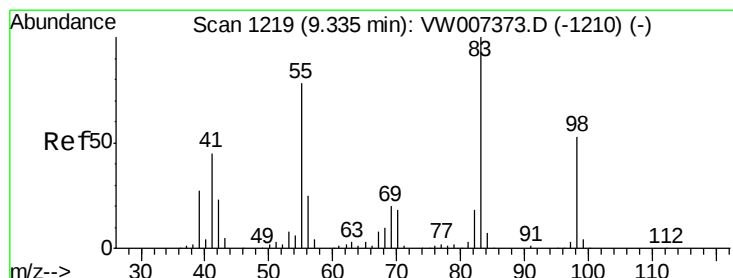
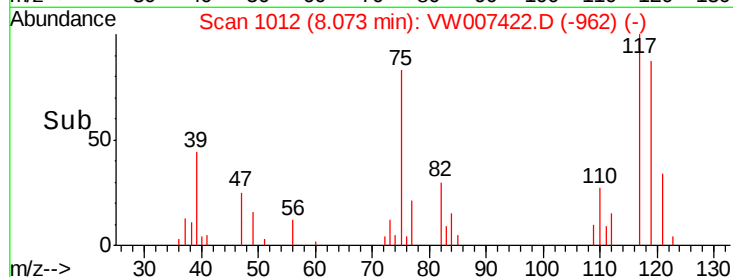
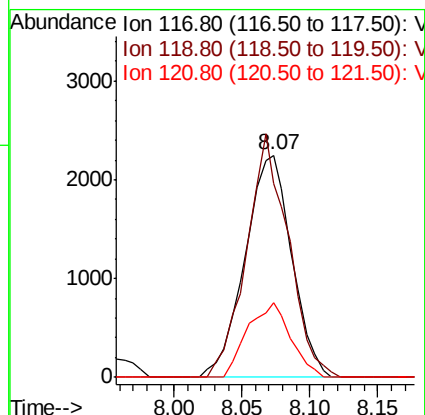
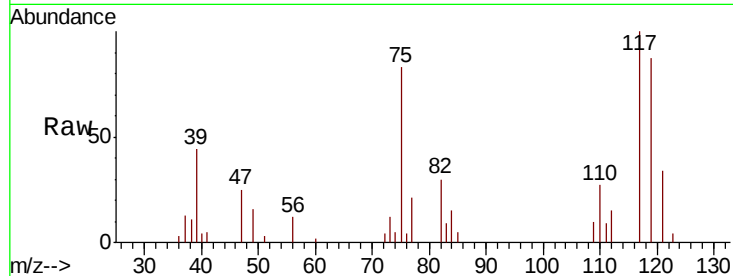




#38
Carbon Tetrachloride
Concen: 61.014 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

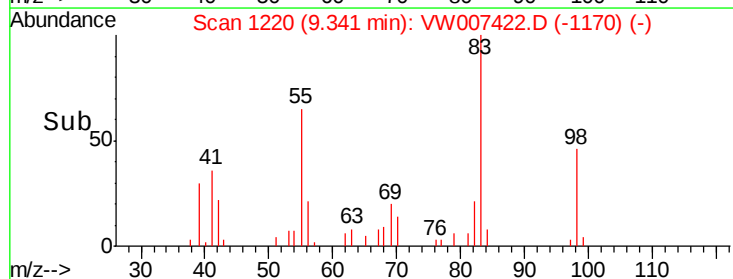
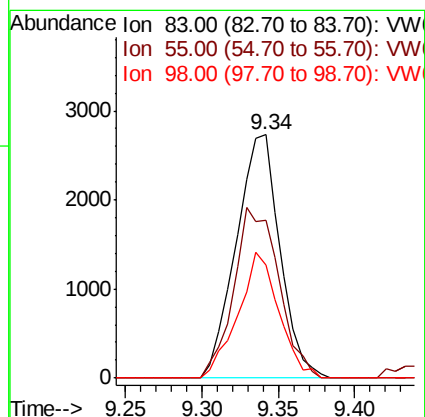
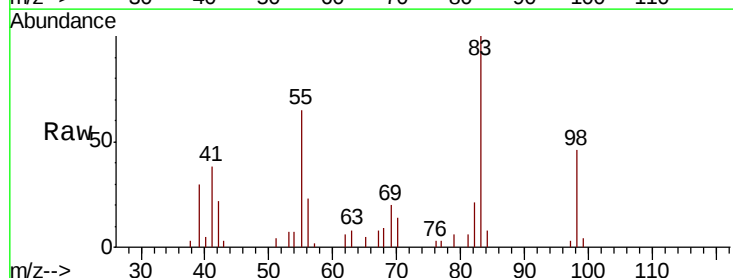
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

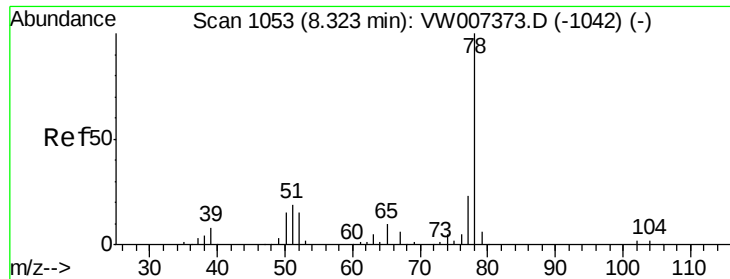
Tgt Ion: 117 Resp: 5390
Ion Ratio Lower Upper
117 100
119 87.3 74.3 111.5
121 33.5 24.3 36.5



#39
Methylcyclohexane
Concen: 55.273 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 83 Resp: 5434
Ion Ratio Lower Upper
83 100
55 64.9 62.8 94.2
98 46.4 42.2 63.2





#40

Benzene

Concen: 56.144 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

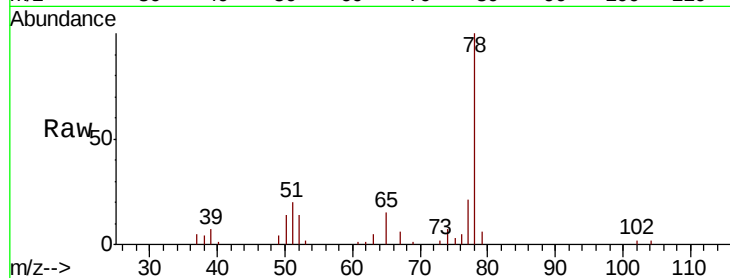
S32-0632MSD

Tgt Ion: 78 Resp: 12650

Ion Ratio Lower Upper

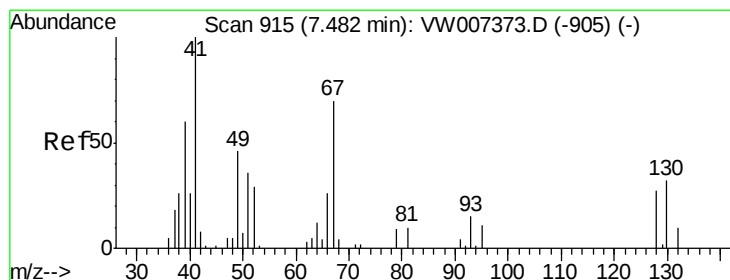
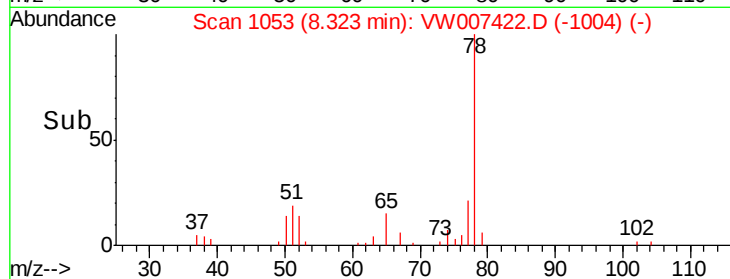
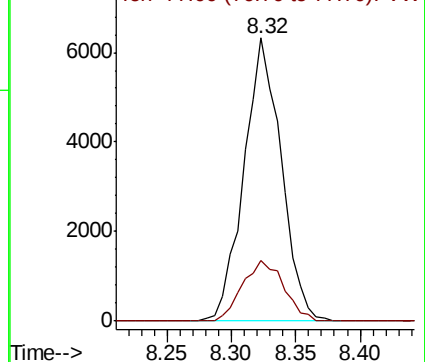
78 100

77 21.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#41

Methacrylonitrile

Concen: 56.816 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Tgt Ion: 41 Resp: 977

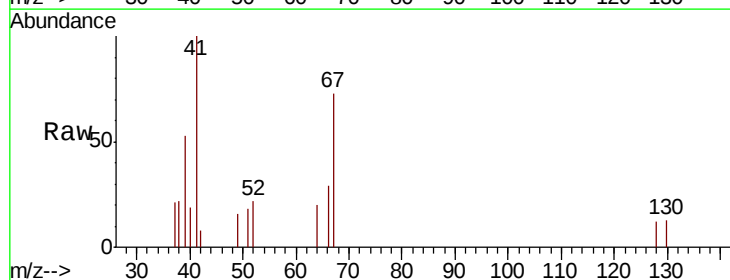
Ion Ratio Lower Upper

41 100

39 115.1 52.2 78.2#

67 115.1 60.5 90.7#

52 53.2 25.3 37.9#

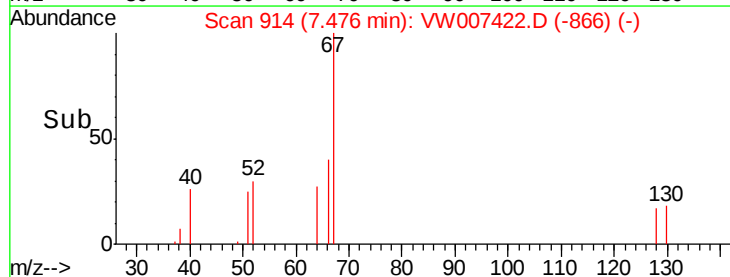
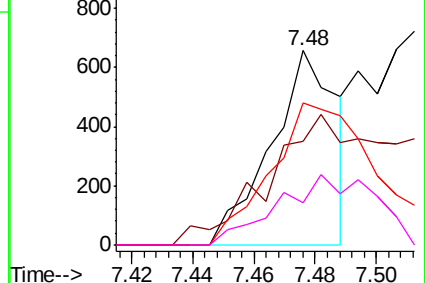


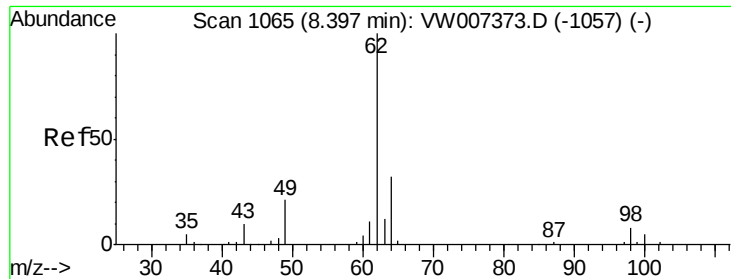
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#42

1,2-Dichloroethane

Concen: 63.184 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

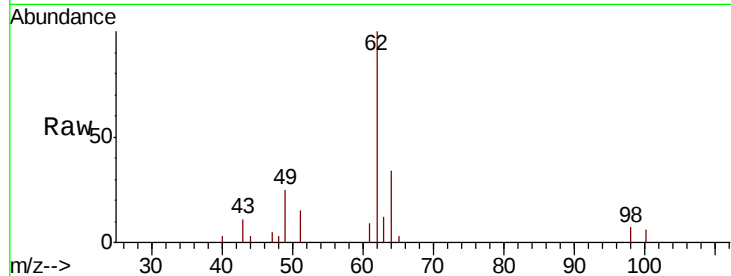
S32-0632MSD

Tgt Ion: 62 Resp: 4472

Ion Ratio Lower Upper

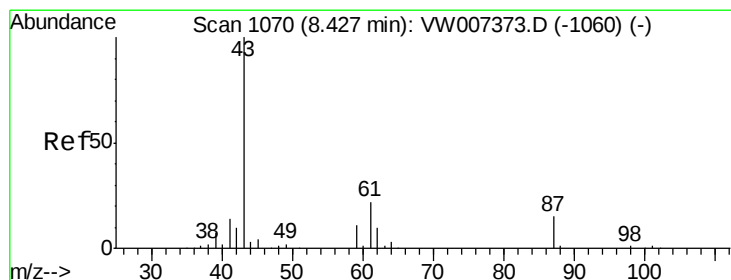
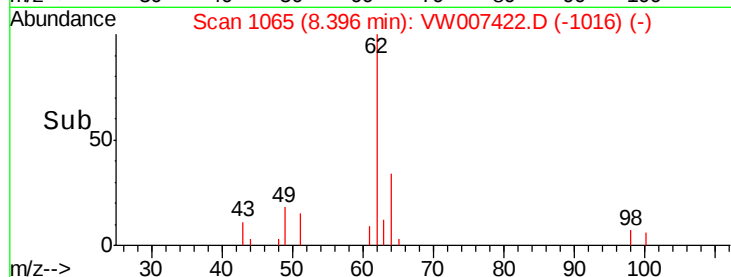
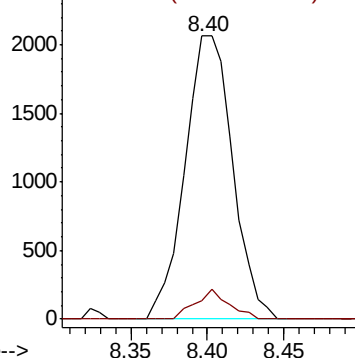
62 100

98 7.3 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 60.219 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

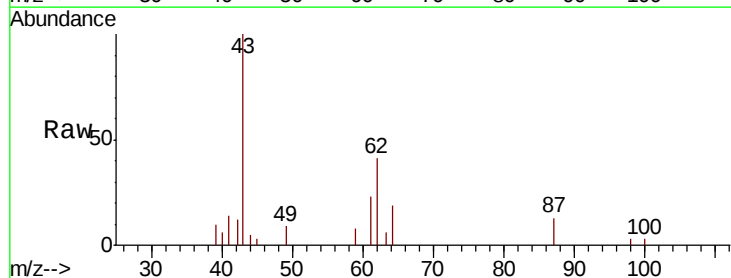
Tgt Ion: 43 Resp: 3592

Ion Ratio Lower Upper

43 100

61 33.6 25.3 37.9

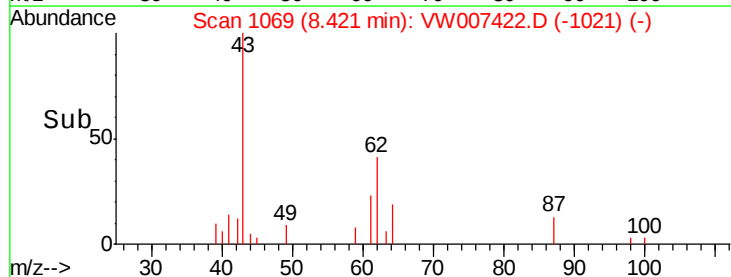
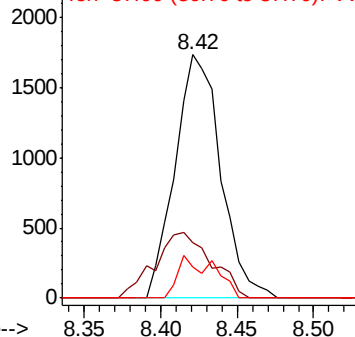
87 13.7 11.8 17.8

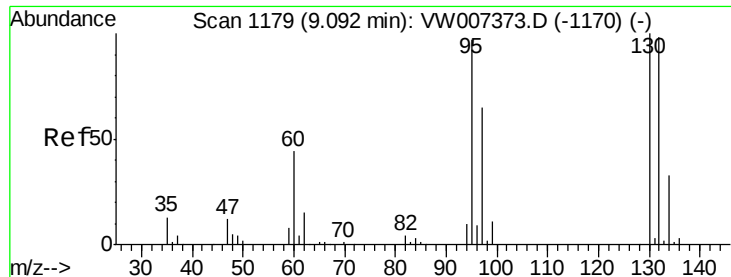


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

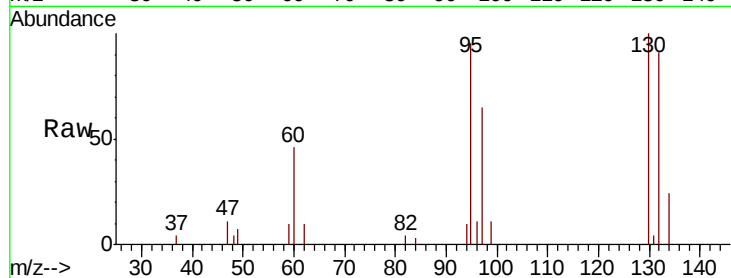




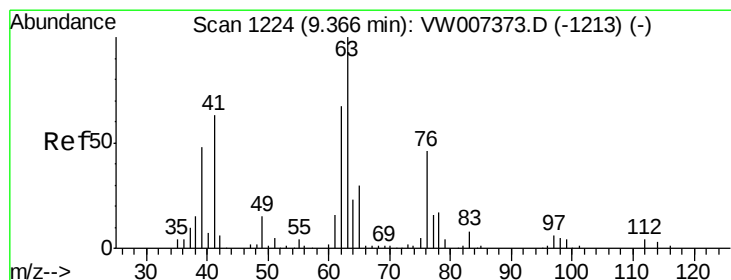
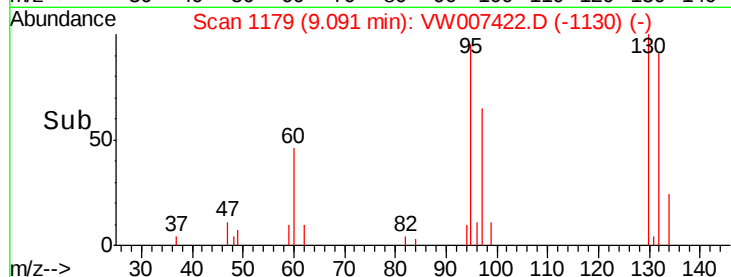
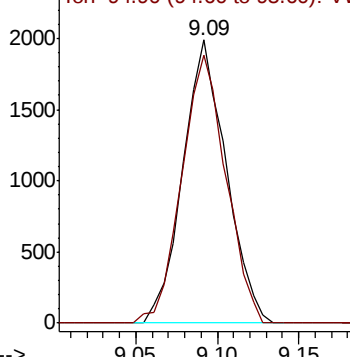
#44
 Trichloroethene
 Concen: 57.134 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tgt Ion:130 Resp: 3676
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 193.2

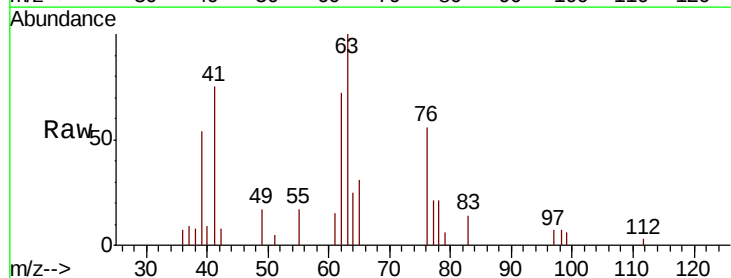


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VW

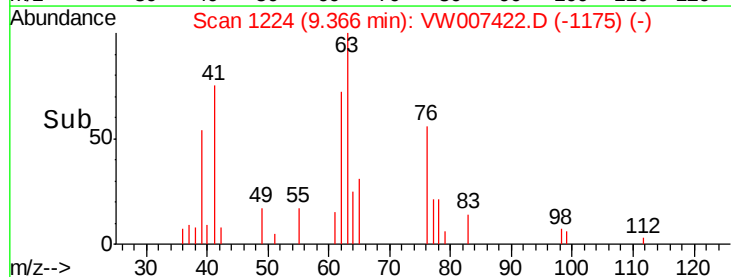
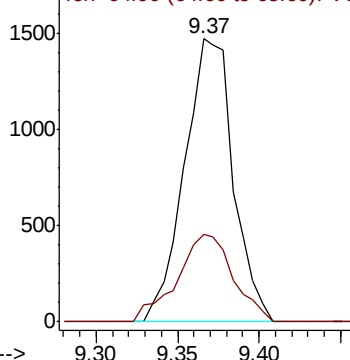


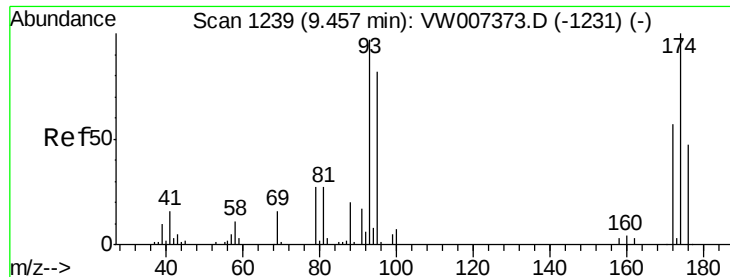
#45
 1,2-Dichloropropane
 Concen: 58.688 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 63 Resp: 3060
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW
 Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 65.925 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

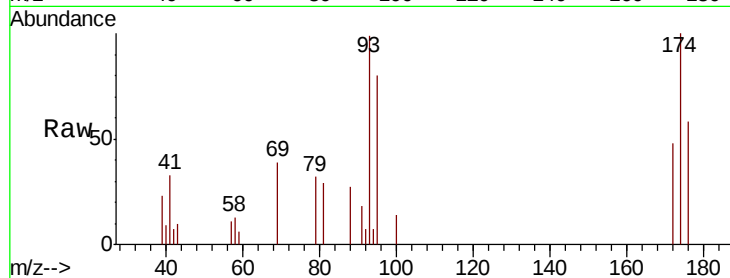
Tgt Ion: 93 Resp: 1952

Ion Ratio Lower Upper

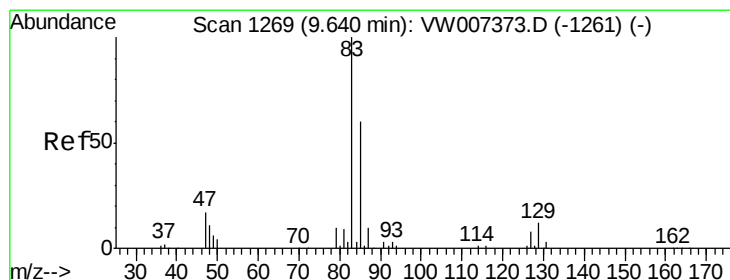
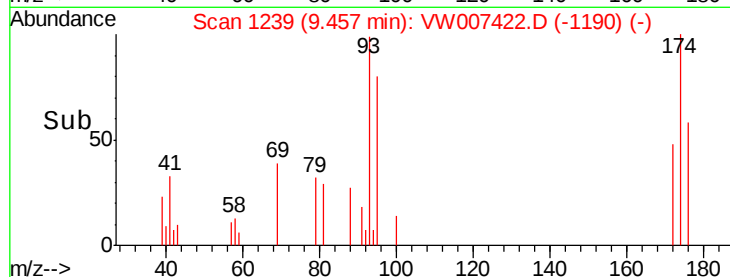
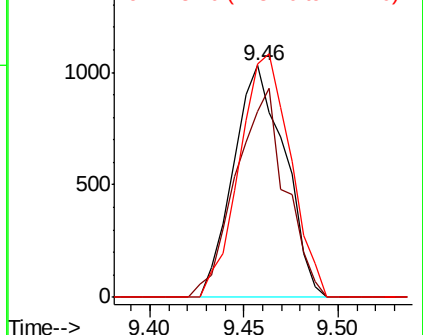
93 100

95 87.1 68.0 102.0

174 104.3 83.2 124.8



Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 58.532 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

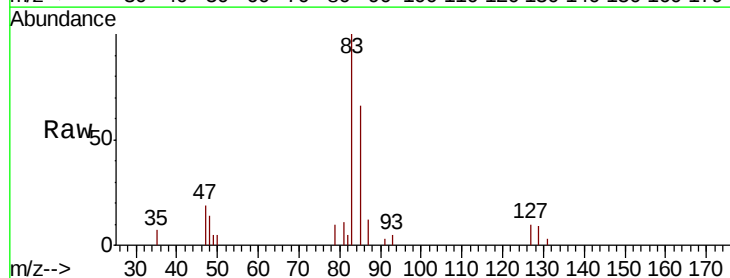
Tgt Ion: 83 Resp: 4546

Ion Ratio Lower Upper

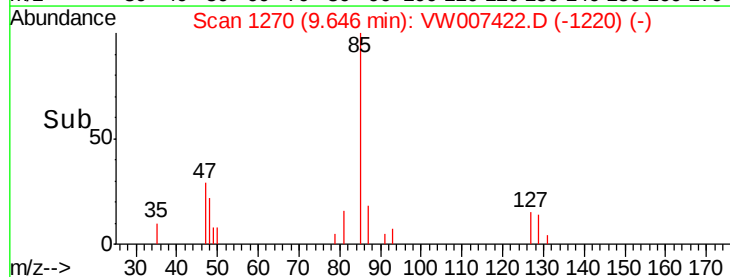
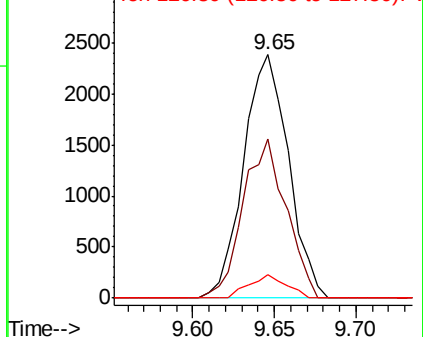
83 100

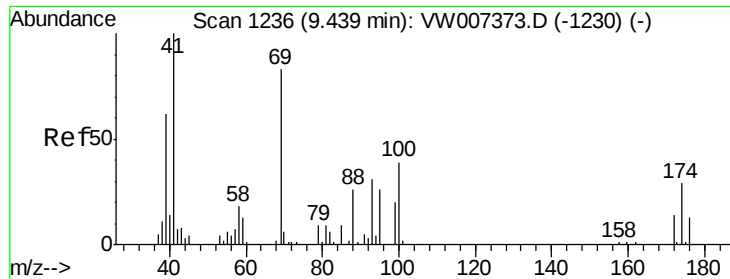
85 65.6 47.6 71.4

127 9.6 6.7 10.1



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

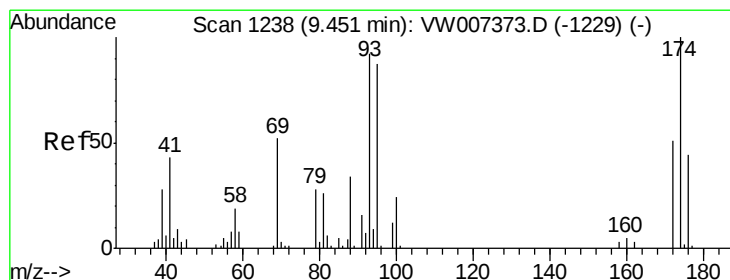
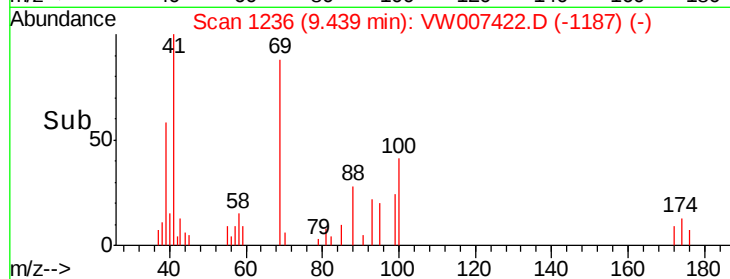
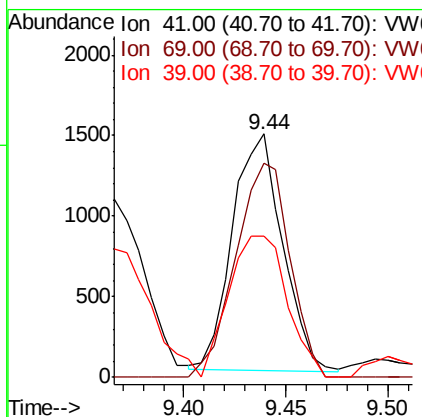
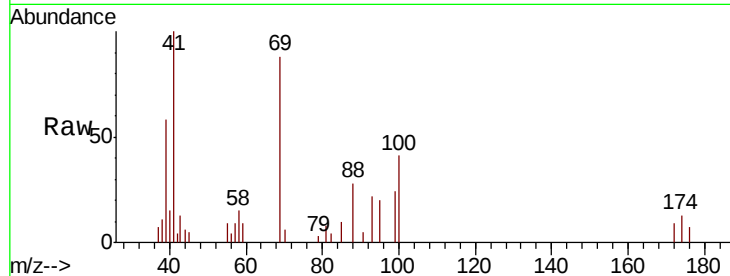




#48
Methyl methacrylate
Concen: 81.869 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

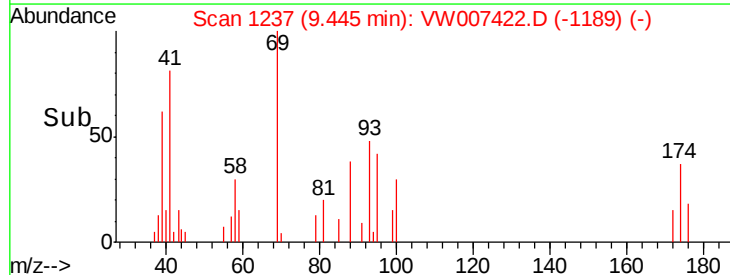
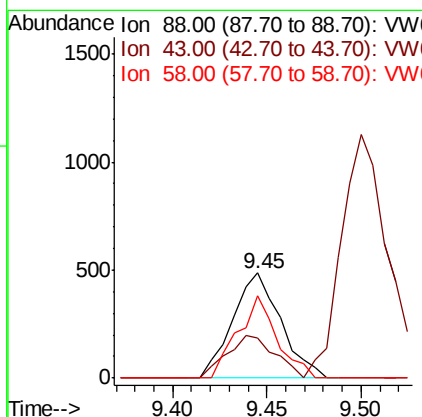
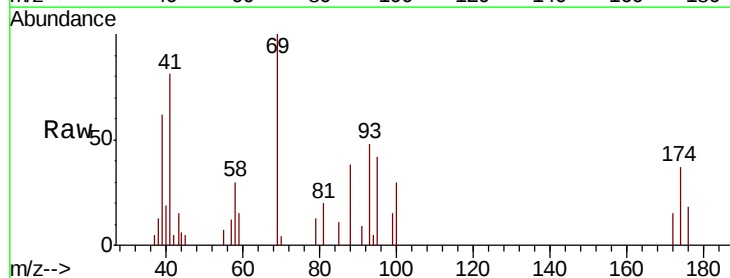
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

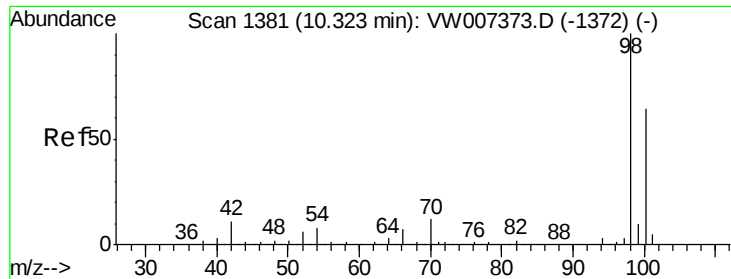
Tgt Ion: 41 Resp: 2508
Ion Ratio Lower Upper
41 100
69 97.8 69.8 104.8
39 69.8 50.9 76.3



#49
1,4-Dioxane
Concen: 1783.795 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 88 Resp: 857
Ion Ratio Lower Upper
88 100
43 41.1 25.0 37.4#
58 63.7 51.4 77.2





#50

Toluene-d8

Concen: 53.430 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

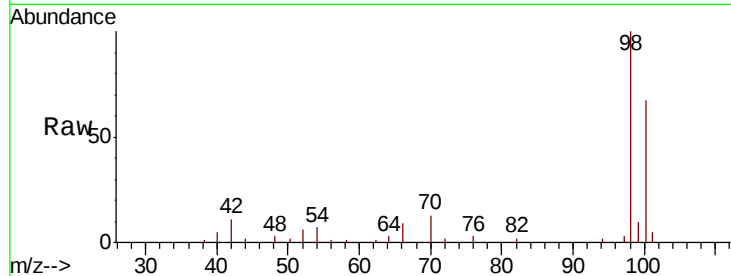
S32-0632MSD

Tgt Ion: 98 Resp: 10793

Ion Ratio Lower Upper

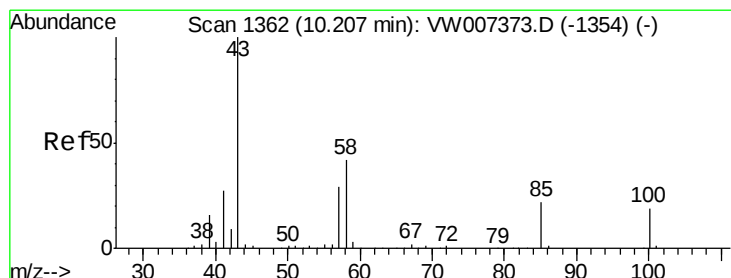
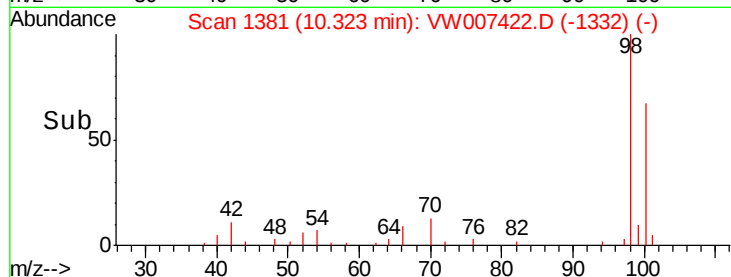
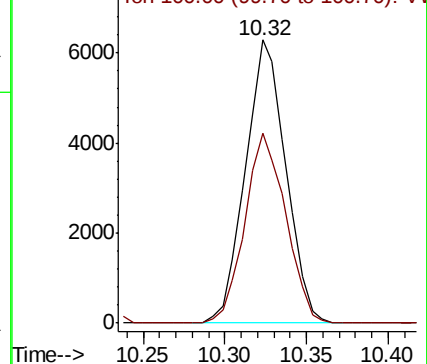
98 100

100 68.0 51.8 77.8



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: 440.429 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW007422.D

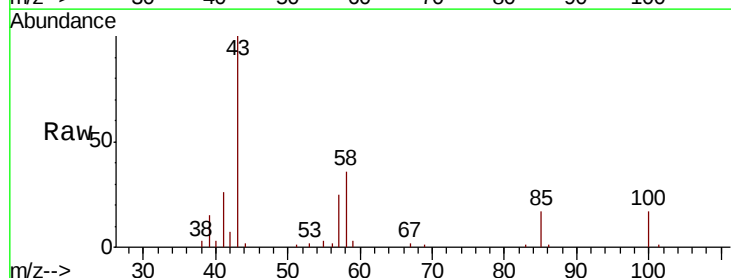
Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 12413

Ion Ratio Lower Upper

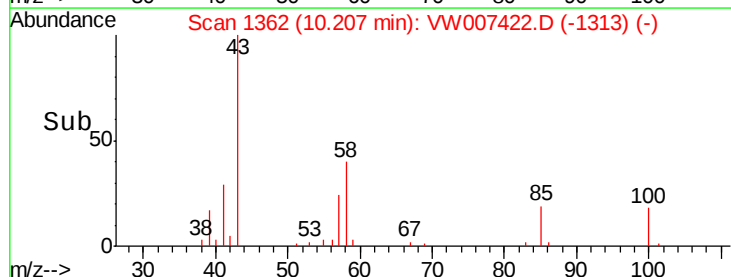
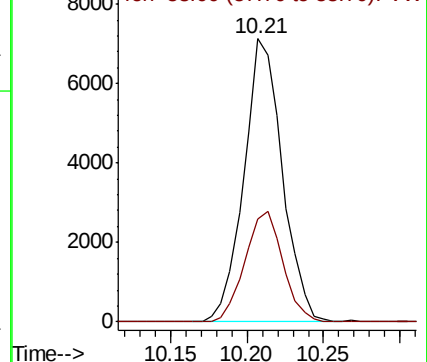
43 100

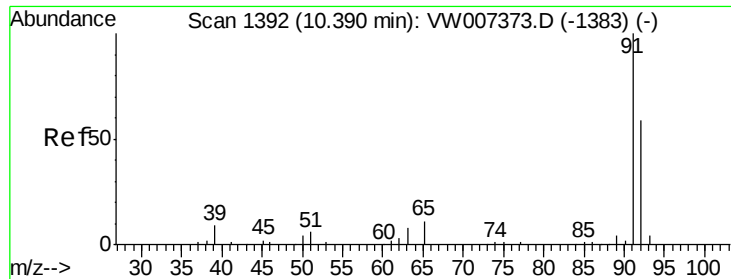
58 38.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 52.685 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

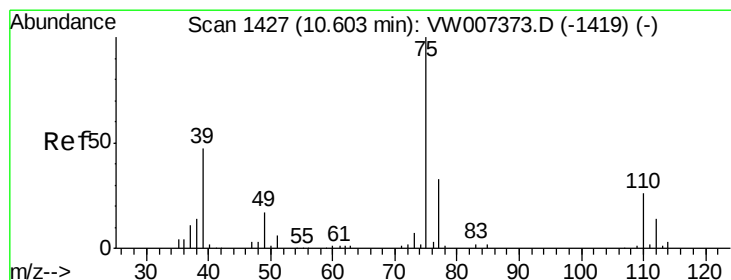
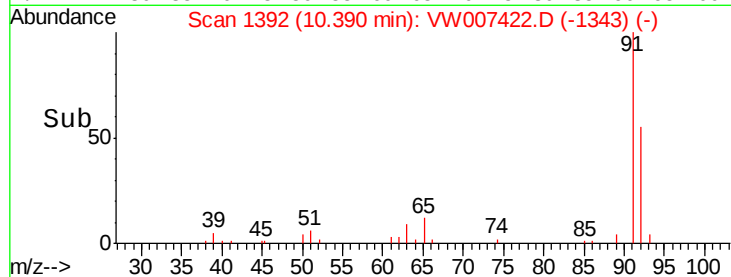
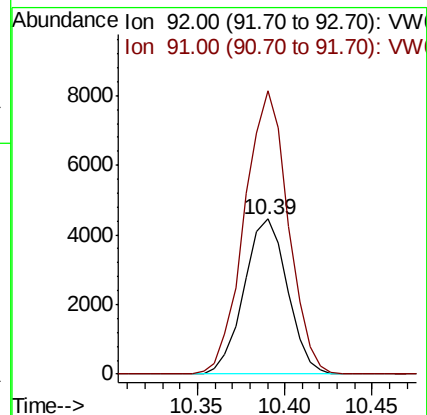
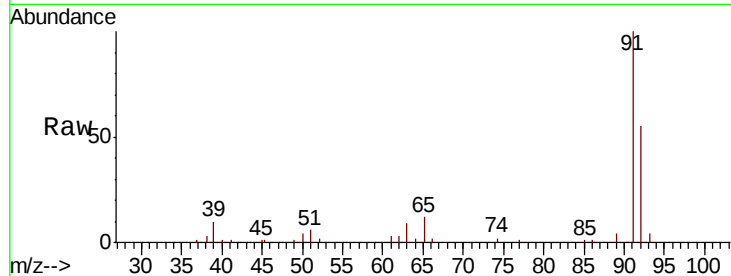
S32-0632MSD

Tgt Ion: 92 Resp: 7682

Ion Ratio Lower Upper

92 100

91 184.5 136.2 204.2



#53

t-1,3-Dichloropropene

Concen: 57.612 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007422.D

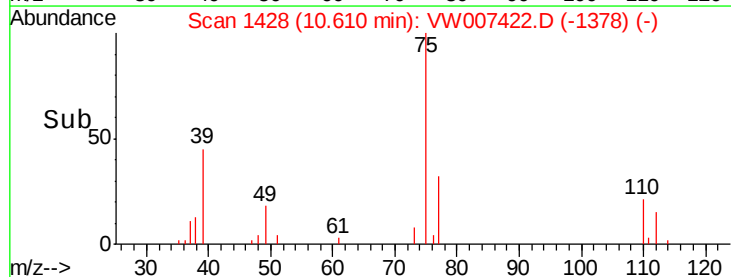
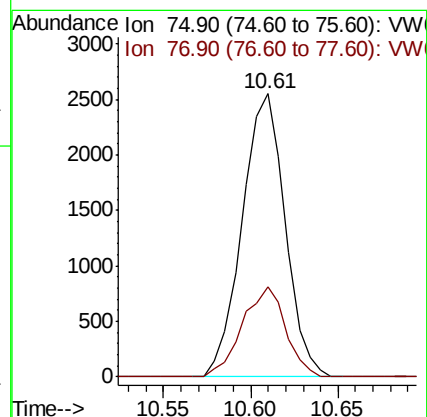
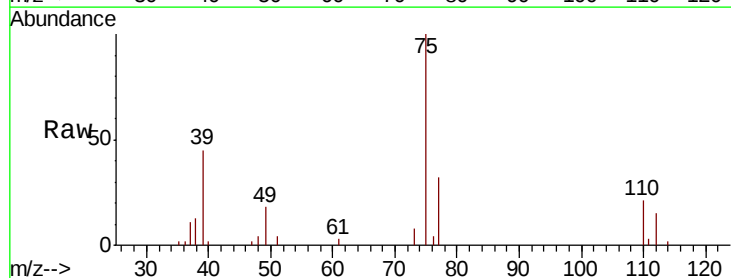
Acq: 12 Dec 2018 04:47

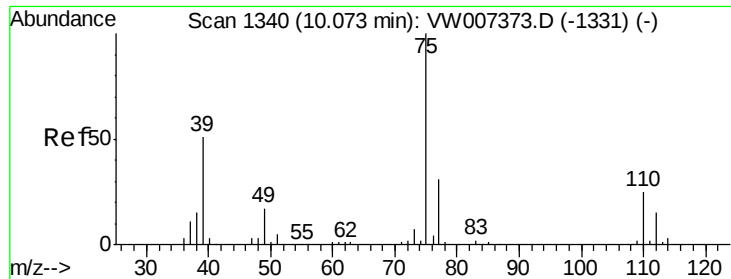
Tgt Ion: 75 Resp: 4344

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

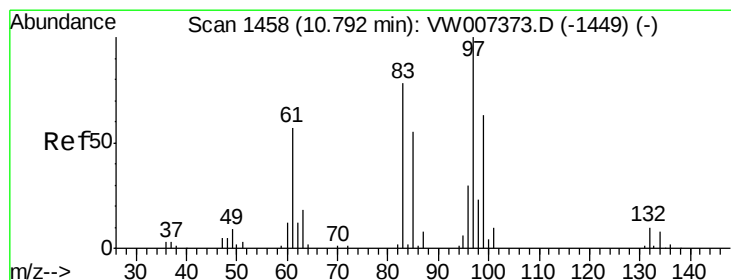
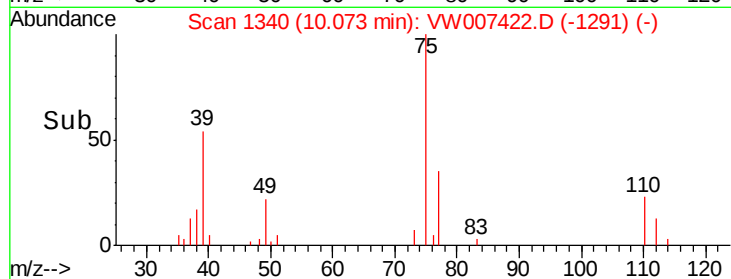
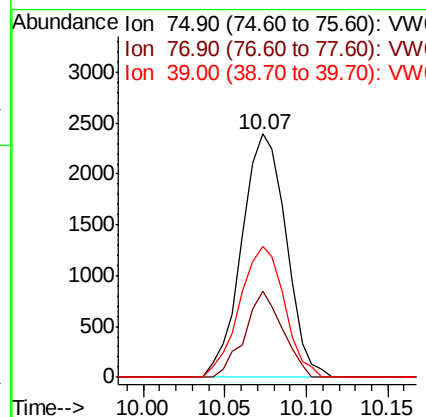
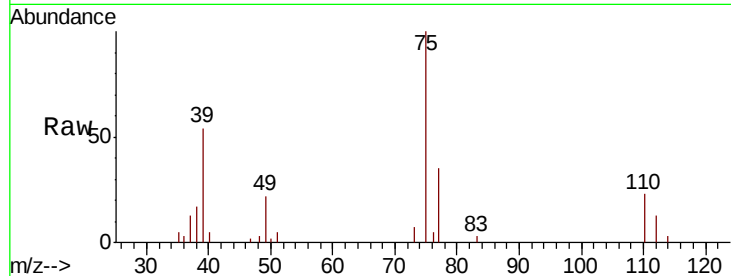




#54
 cis-1,3-Dichloropropene
 Concen: 52.223 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

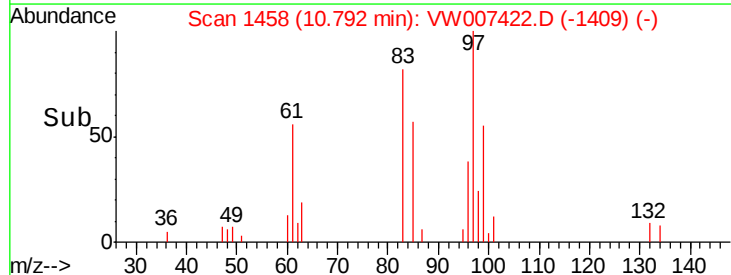
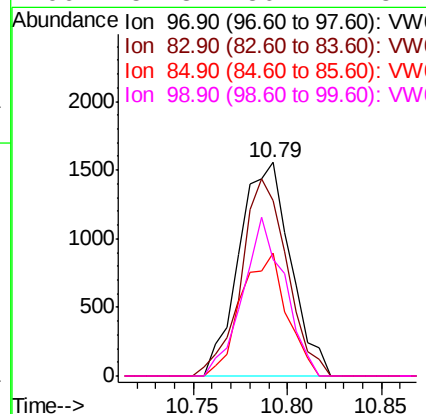
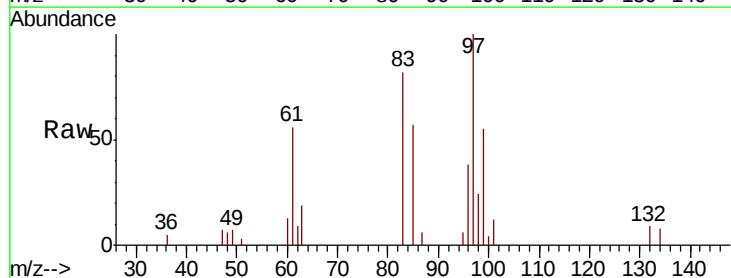
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

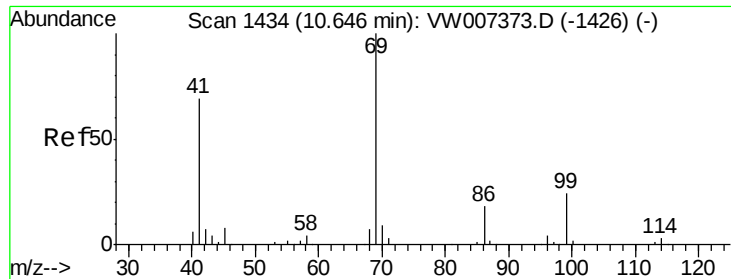
Tgt Ion: 75 Resp: 4552
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.8 37.2
 39 53.8 40.9 61.3



#55
 1,1,2-Trichloroethane
 Concen: 72.707 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 97 Resp: 2930
 Ion Ratio Lower Upper
 97 100
 83 82.3 62.1 93.1
 85 57.3 44.2 66.4
 99 54.8 50.2 75.4

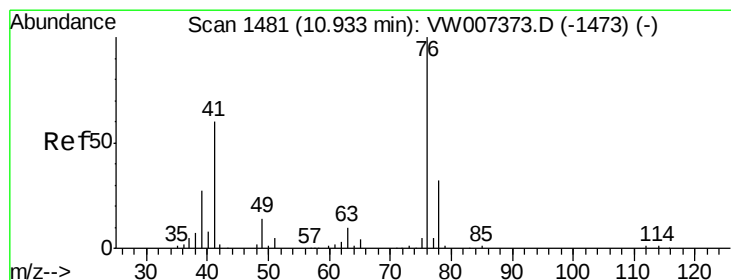
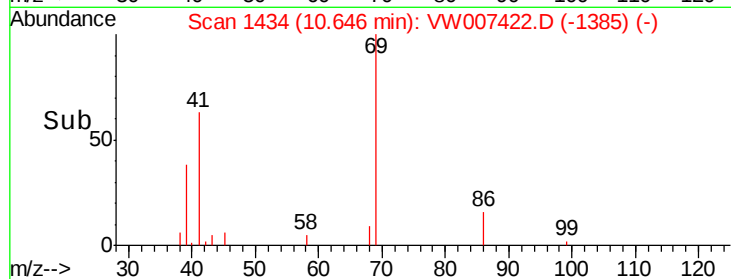
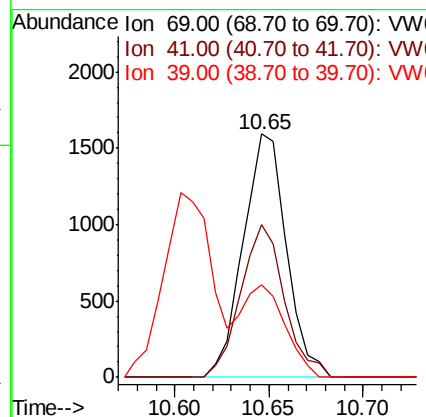
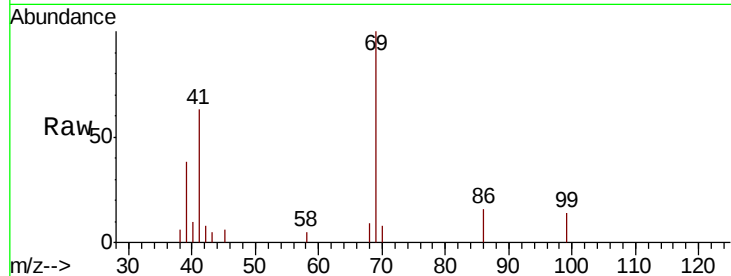




#56
Ethyl methacrylate
Concen: 52.418 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

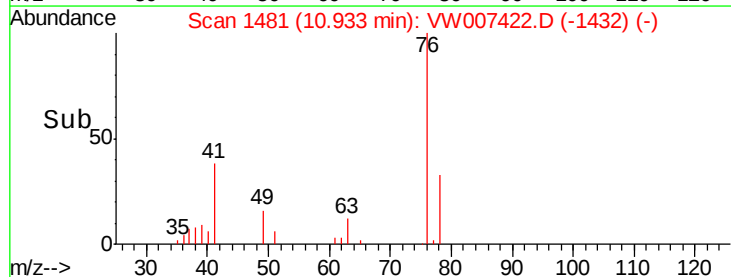
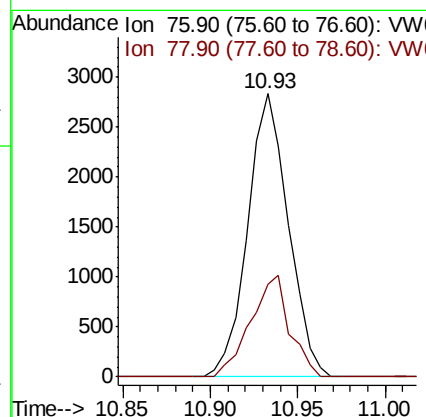
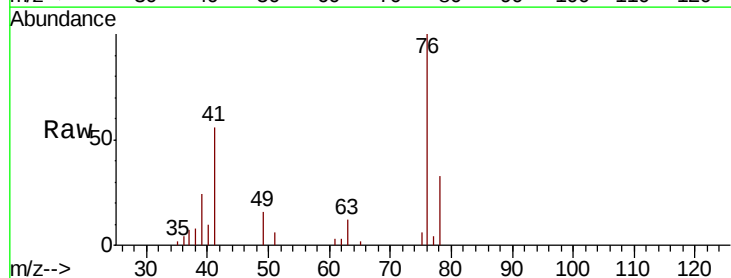
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

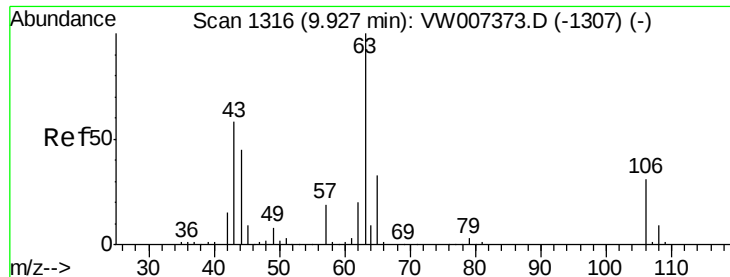
Tgt Ion: 69 Resp: 2539
Ion Ratio Lower Upper
69 100
41 63.3 51.0 76.6
39 38.9 30.8 46.2



#57
1,3-Dichloropropane
Concen: 69.136 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 76 Resp: 4573
Ion Ratio Lower Upper
76 100
78 34.5 26.2 39.4

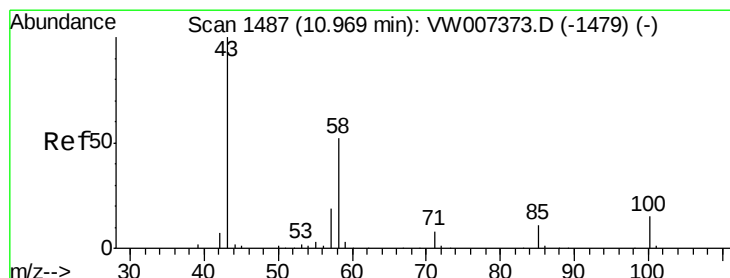
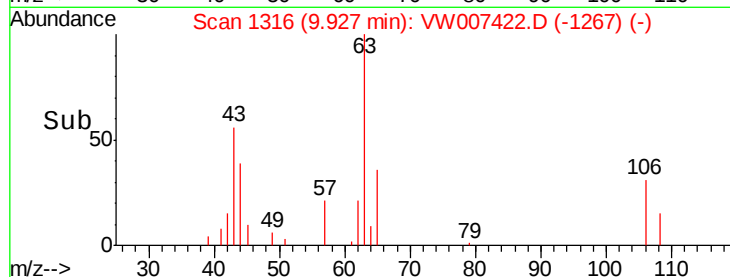
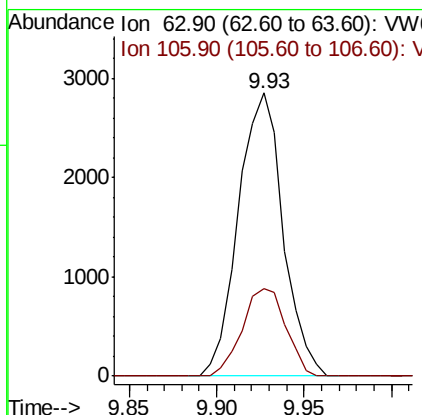
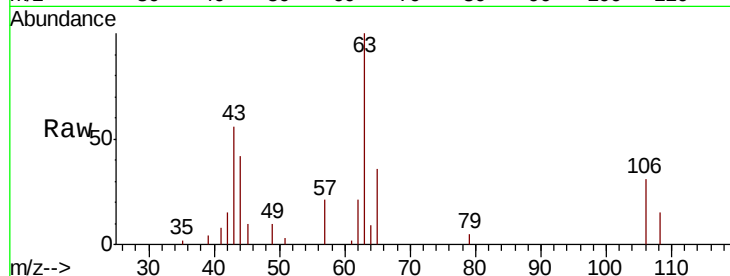




#58
 2-Chloroethyl Vinyl ether
 Concen: 226.800 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

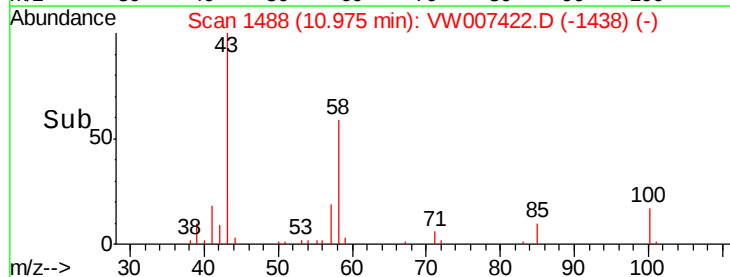
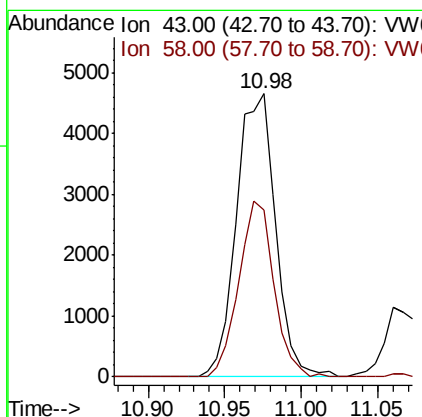
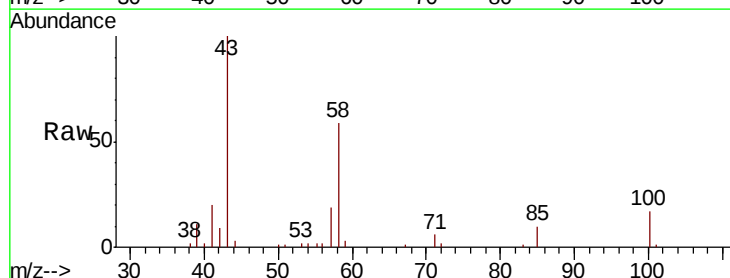
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

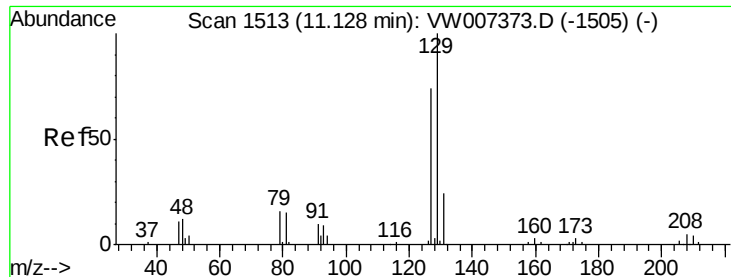
Tgt Ion: 63 Resp: 5066
 Ion Ratio Lower Upper
 63 100
 106 30.2 25.0 37.6



#59
 2-Hexanone
 Concen: 437.876 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 43 Resp: 8229
 Ion Ratio Lower Upper
 43 100
 58 55.9 27.1 81.3

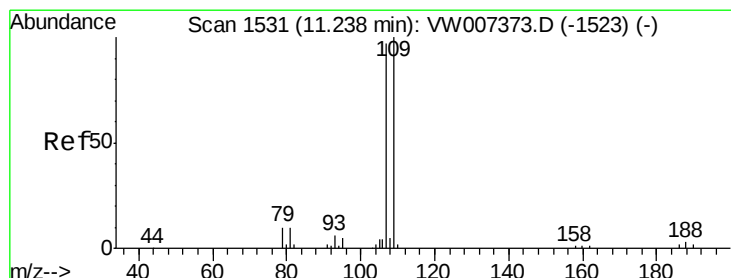
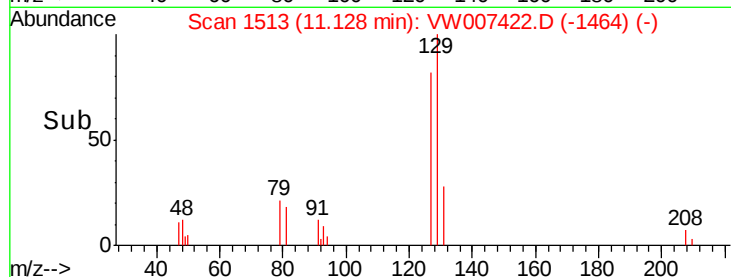
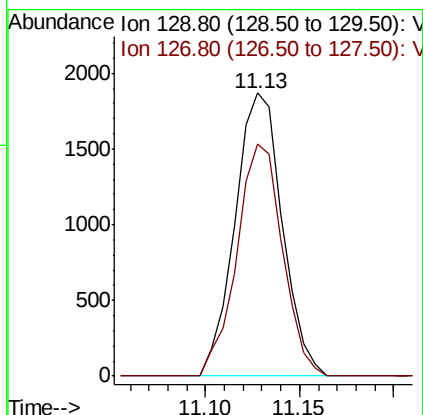
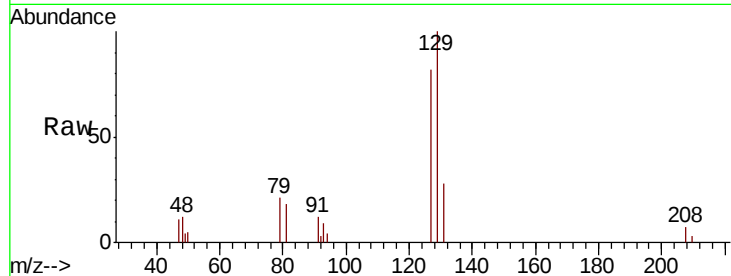




#60
 Dibromochloromethane
 Concen: 63.767 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

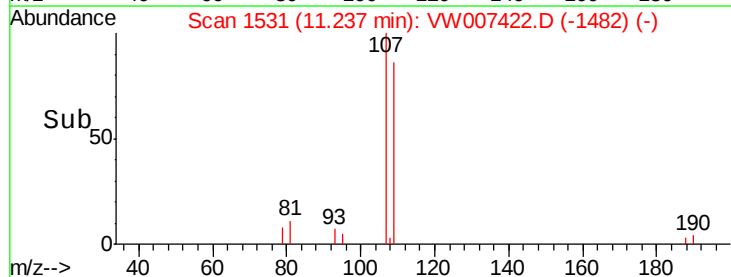
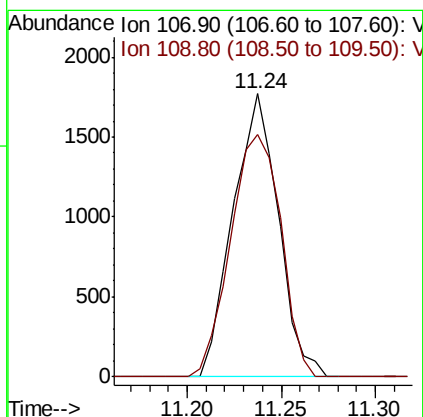
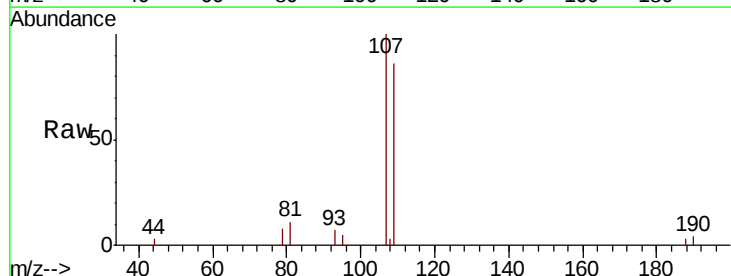
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

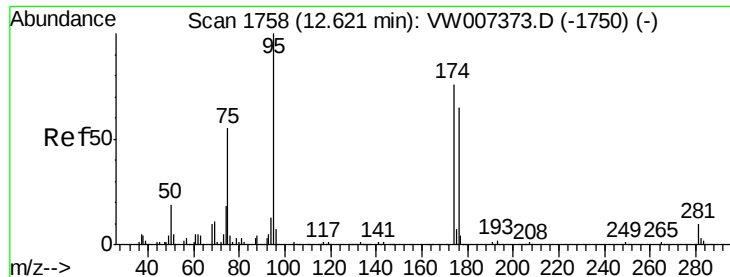
Tgt Ion:129 Resp: 3243
 Ion Ratio Lower Upper
 129 100
 127 79.3 38.1 114.3



#61
 1,2-Dibromoethane
 Concen: 74.226 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion:107 Resp: 2956
 Ion Ratio Lower Upper
 107 100
 109 95.1 79.1 118.7





#62

4-Bromofluorobenzene

Concen: 55.405 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

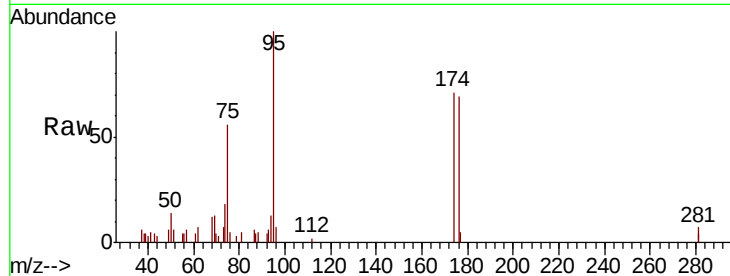
Tgt Ion: 95 Resp: 4115

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.2

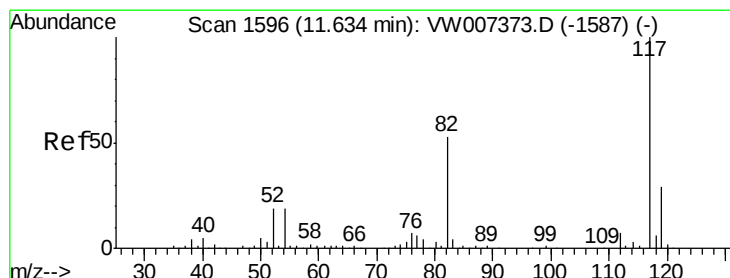
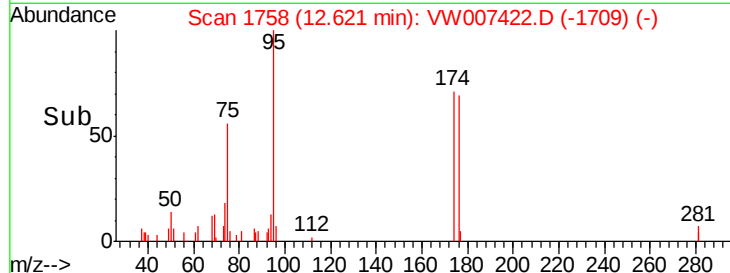
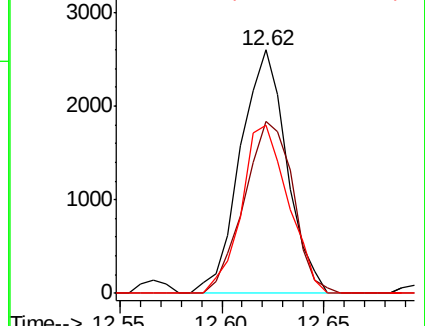
176 69.8 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

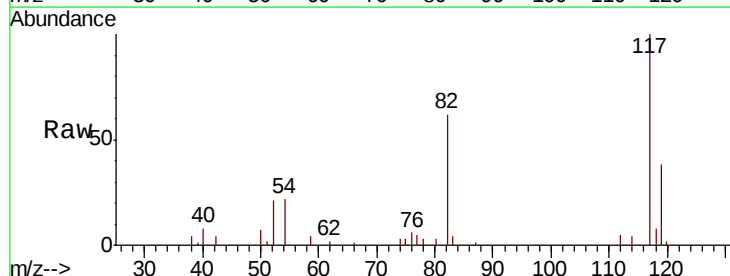
Tgt Ion: 117 Resp: 7882

Ion Ratio Lower Upper

117 100

82 62.1 42.3 63.5

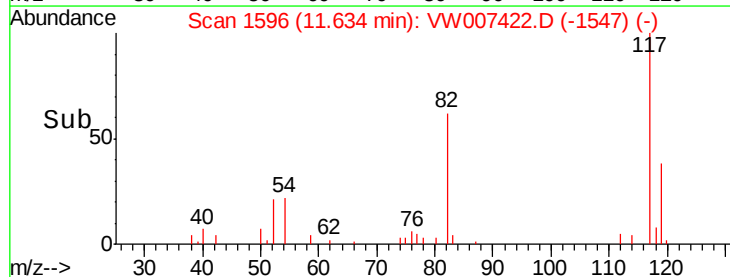
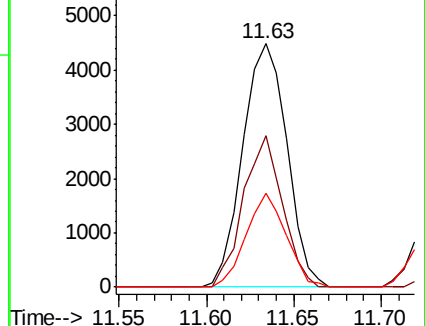
119 38.4 23.0 34.6#

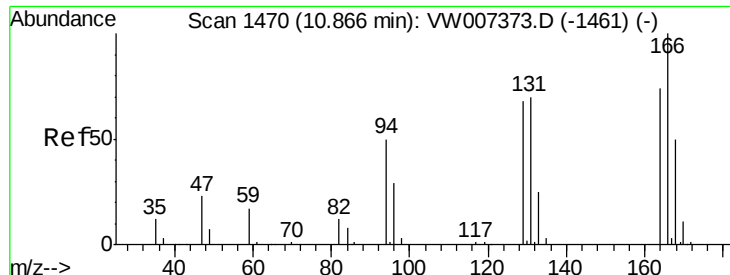


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 55.944 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tgt Ion:164 Resp: 3171

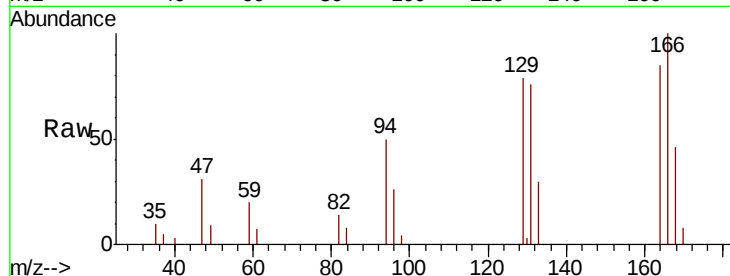
Ion Ratio Lower Upper

164 100

166 117.4 107.9 161.9

129 92.2 73.4 110.2

131 89.0 75.8 113.6

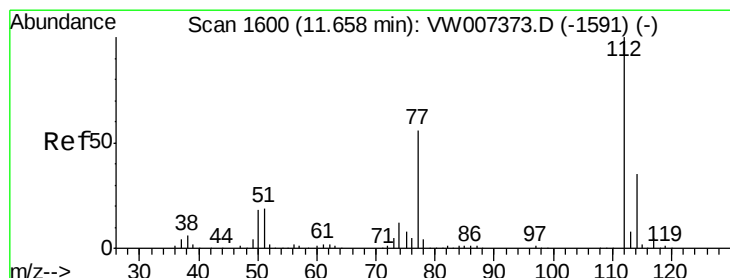
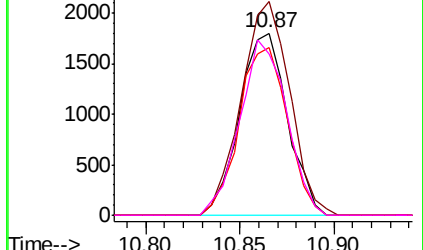
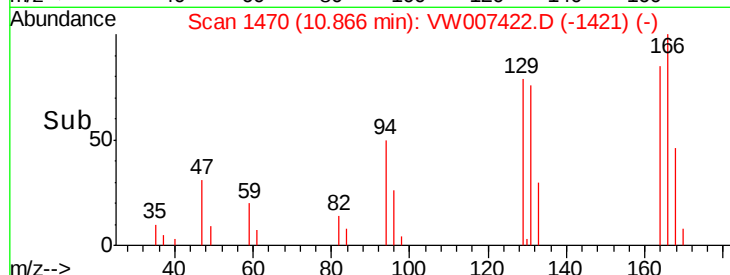


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.944 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007422.D

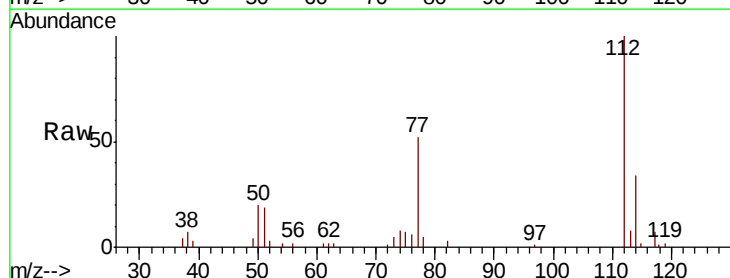
Acq: 12 Dec 2018 04:47

Tgt Ion:112 Resp: 8698

Ion Ratio Lower Upper

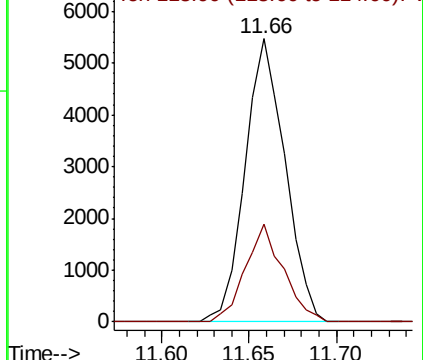
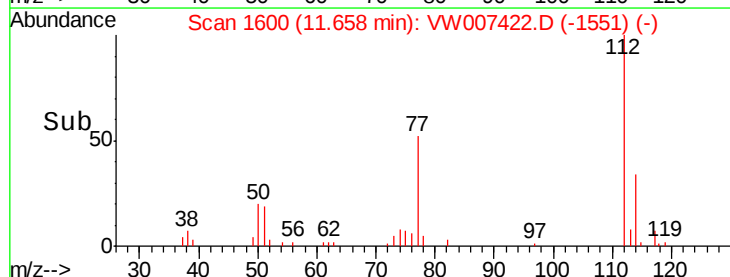
112 100

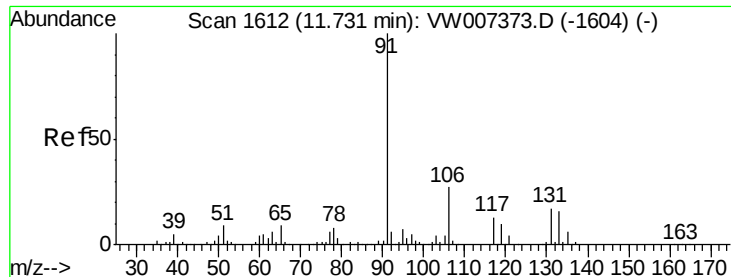
114 34.3 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 58.848 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

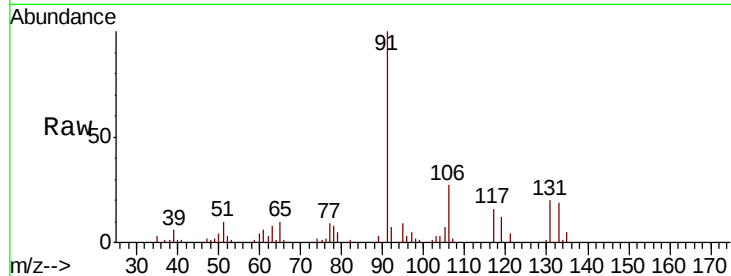
Tgt Ion:131 Resp: 3405

Ion Ratio Lower Upper

131 100

133 94.1 47.1 141.4

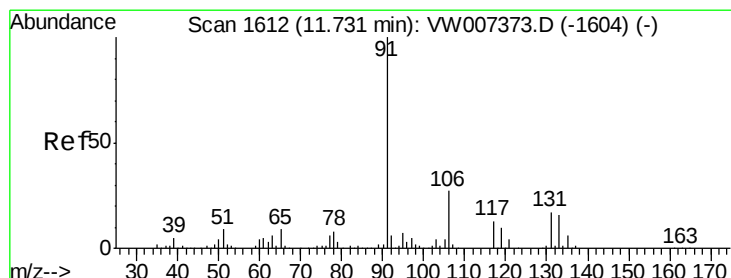
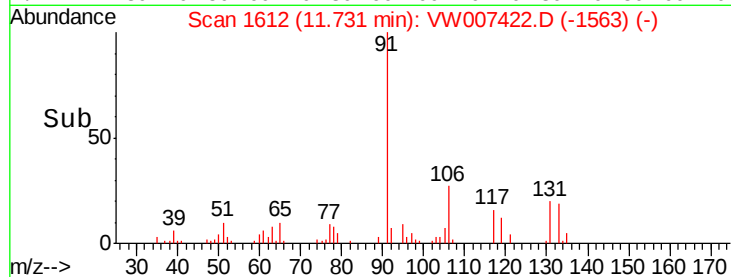
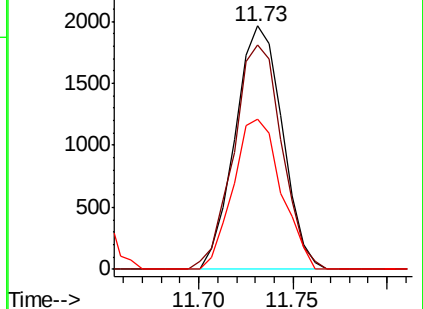
119 62.9 31.3 93.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.145 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007422.D

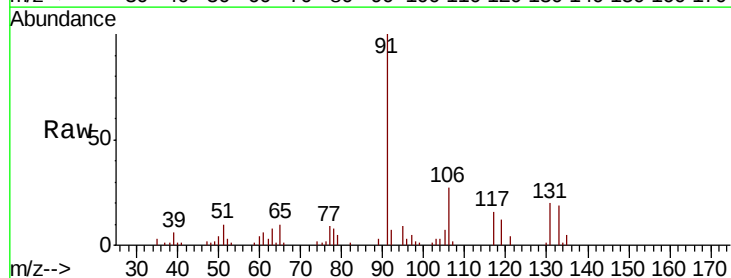
Acq: 12 Dec 2018 04:47

Tgt Ion: 91 Resp: 15011

Ion Ratio Lower Upper

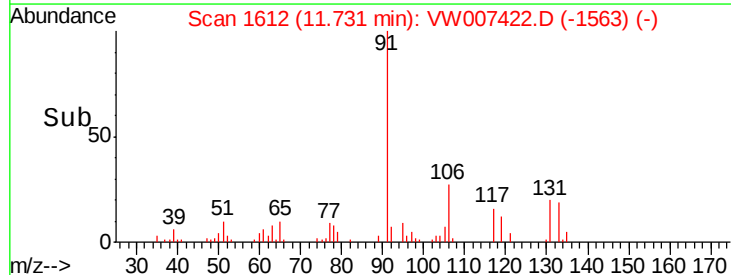
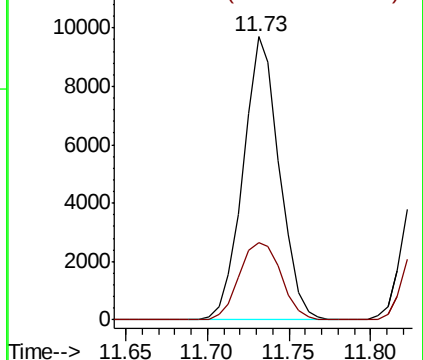
91 100

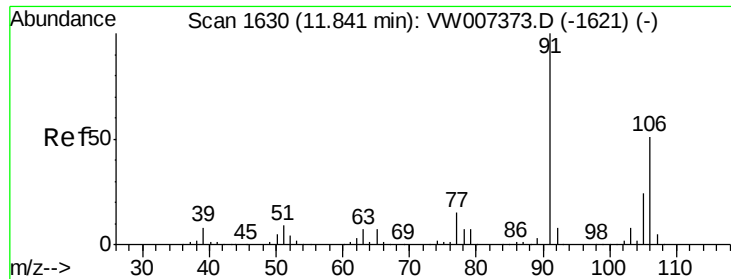
106 27.5 21.8 32.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

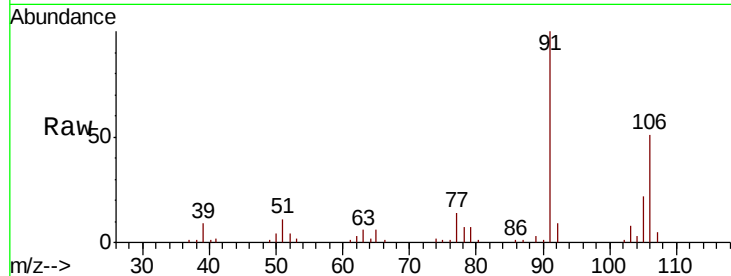




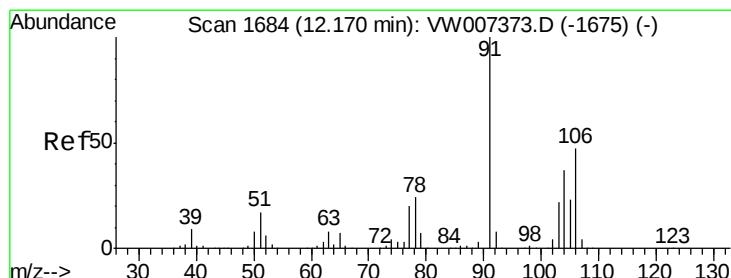
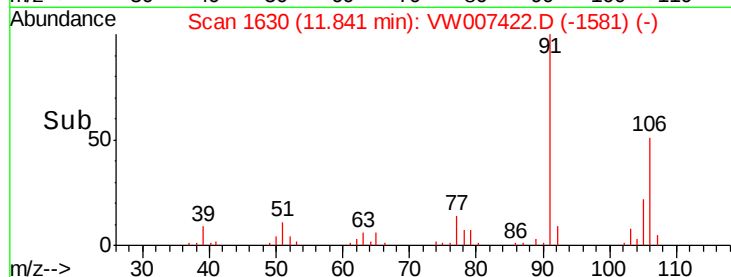
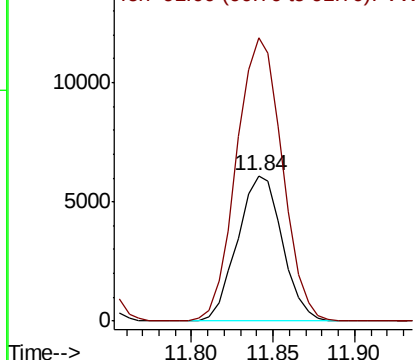
#68
m/p-Xylenes
Concen: 105.395 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tgt Ion:106 Resp: 11573
Ion Ratio Lower Upper
106 100
91 199.9 165.3 247.9

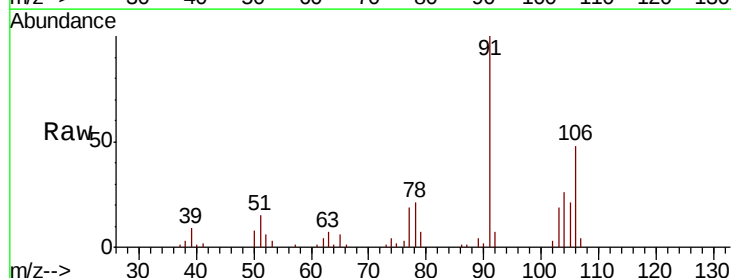


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

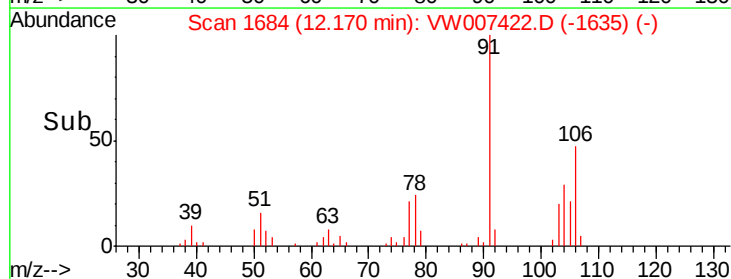
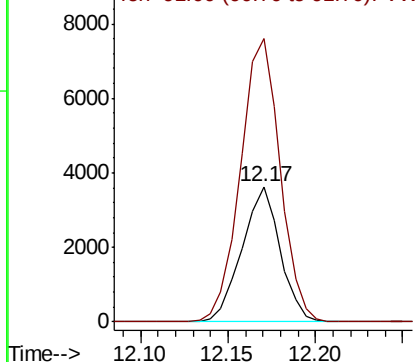


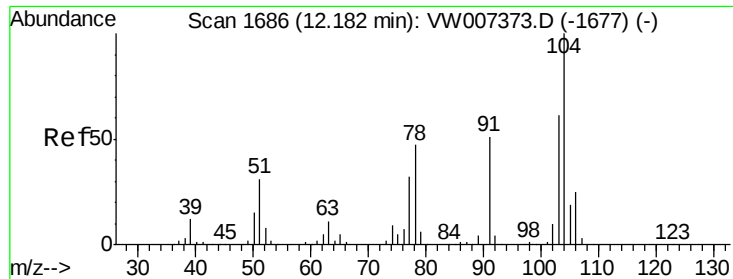
#69
o-Xylene
Concen: 53.632 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:106 Resp: 5500
Ion Ratio Lower Upper
106 100
91 217.9 106.6 319.8



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

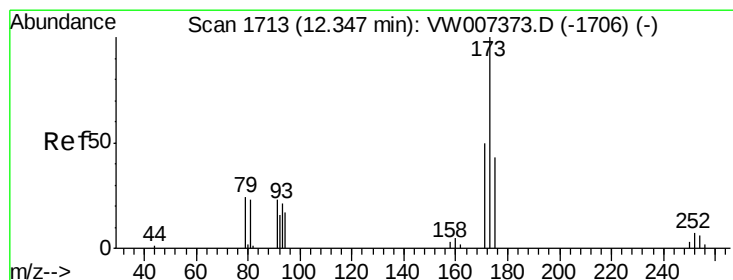
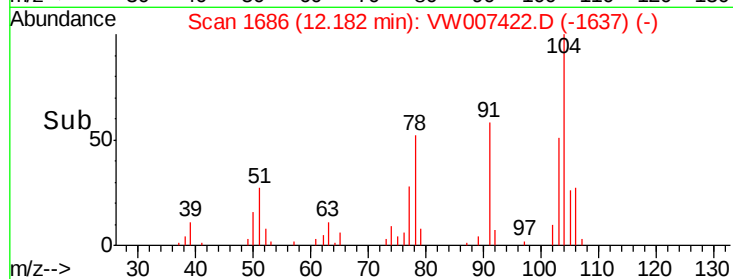
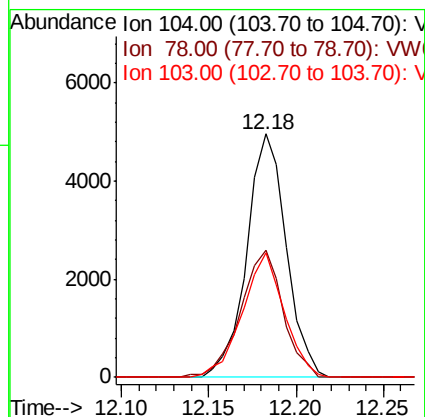
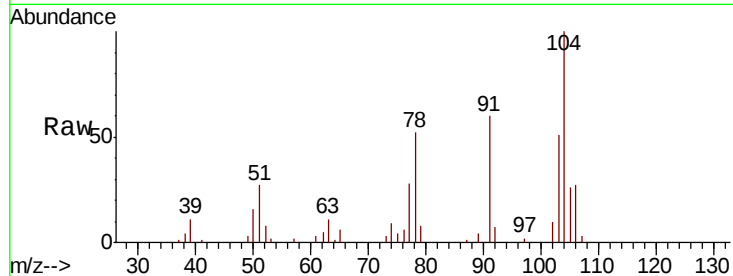




#70
Styrene
Concen: 47.186 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

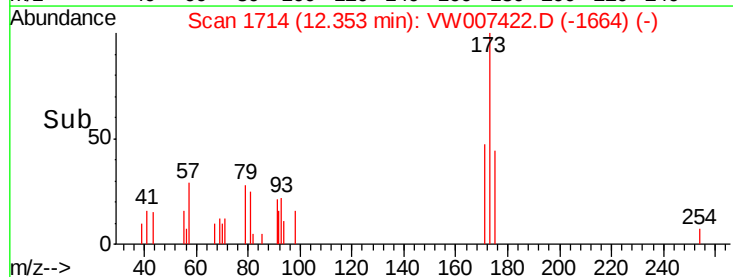
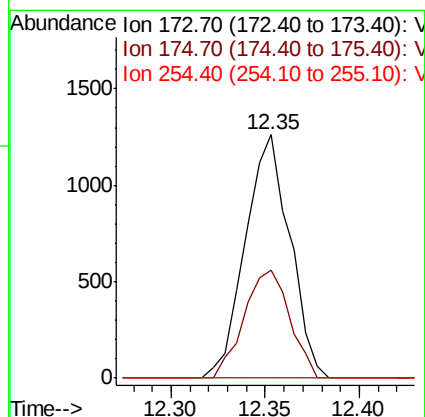
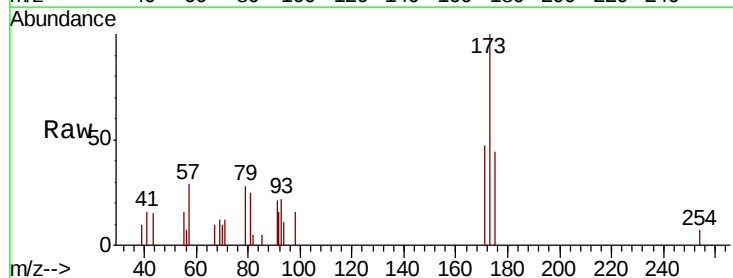
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

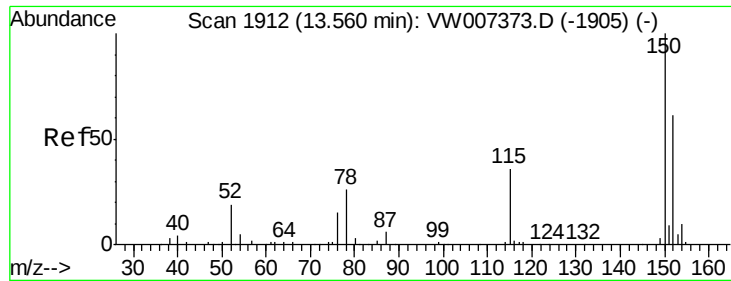
Tgt Ion:104 Resp: 7816
Ion Ratio Lower Upper
104 100
78 55.9 41.8 62.8
103 53.9 46.6 69.8



#71
Bromoform
Concen: 69.726 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:173 Resp: 2065
Ion Ratio Lower Upper
173 100
175 45.5 23.6 70.8
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

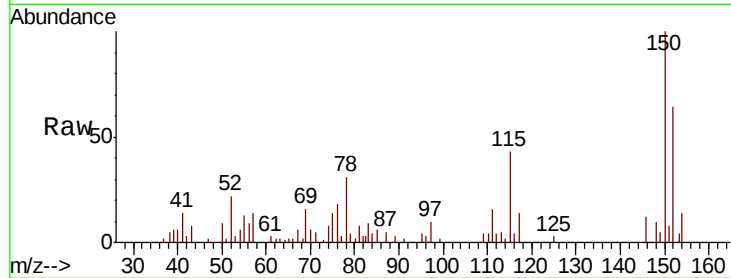
Tgt Ion:152 Resp: 3786

Ion Ratio Lower Upper

152 100

115 63.6 31.4 94.2

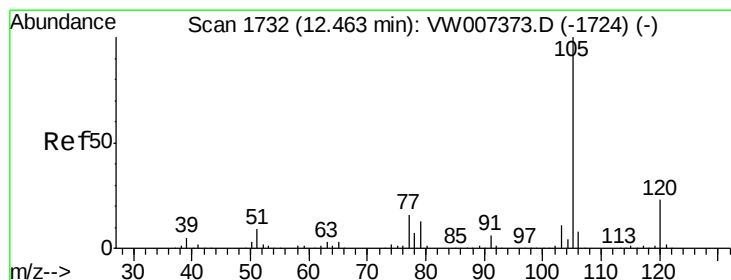
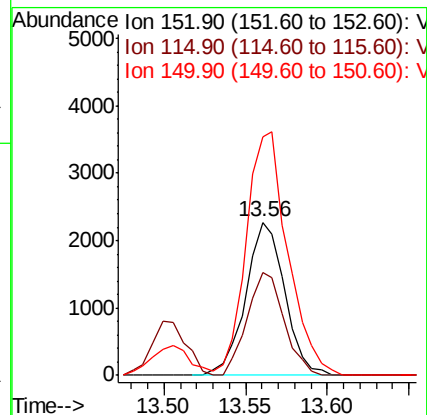
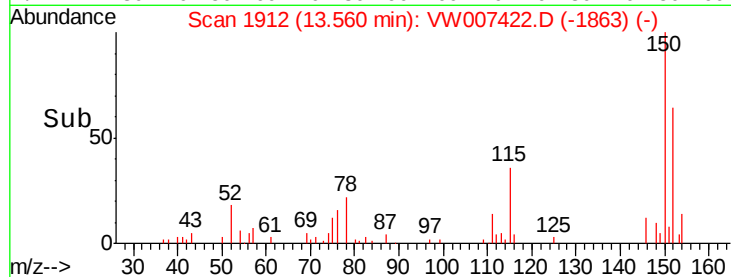
150 169.3 0.0 358.4



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: 51.293 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007422.D

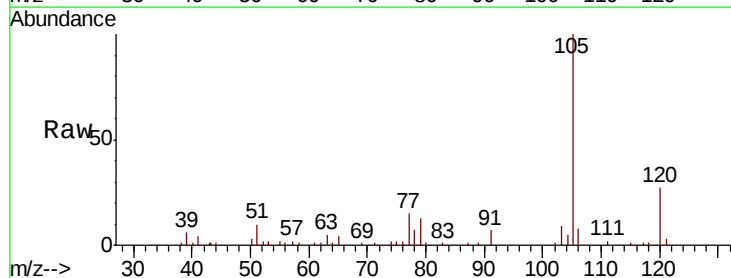
Acq: 12 Dec 2018 04:47

Tgt Ion:105 Resp: 14880

Ion Ratio Lower Upper

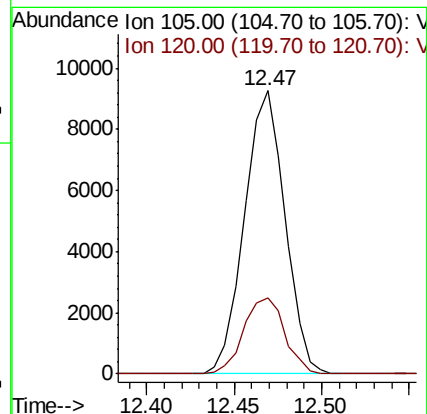
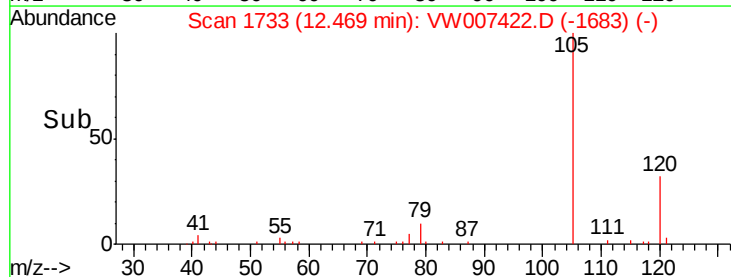
105 100

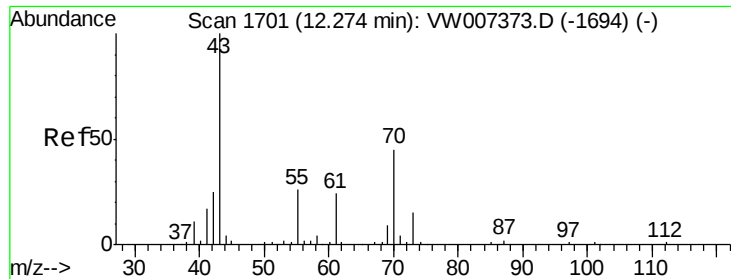
120 27.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 40.267 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

Tgt Ion: 43 Resp: 2123

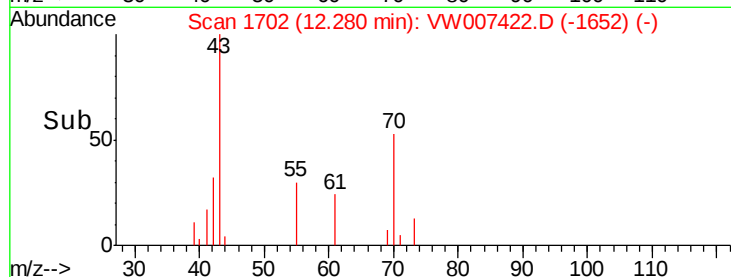
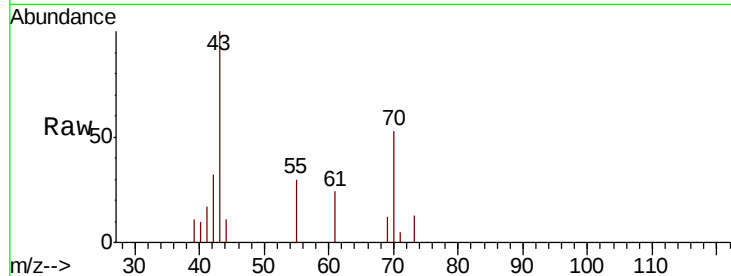
Ion Ratio Lower Upper

43 100

70 35.6 36.5 54.7#

55 29.0 20.1 30.1

61 18.5 19.3 28.9#

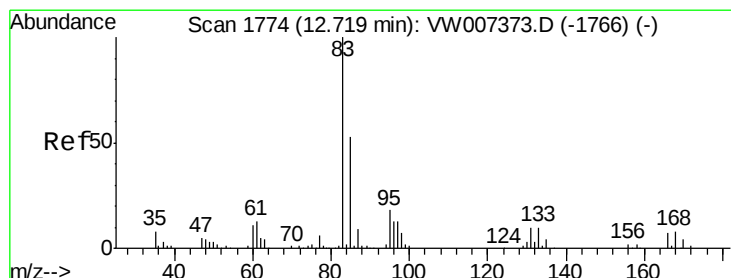
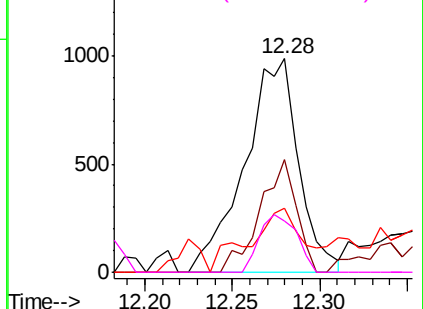


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#75

1,1,2,2-Tetrachloroethane

Concen: 91.606 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

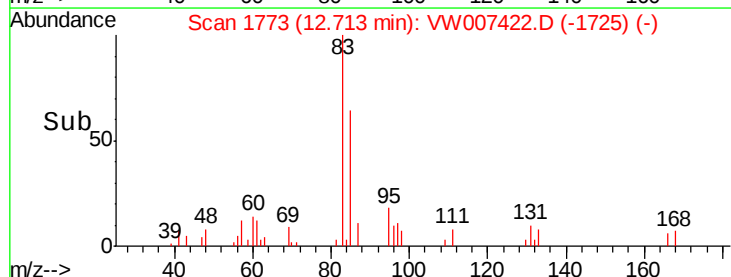
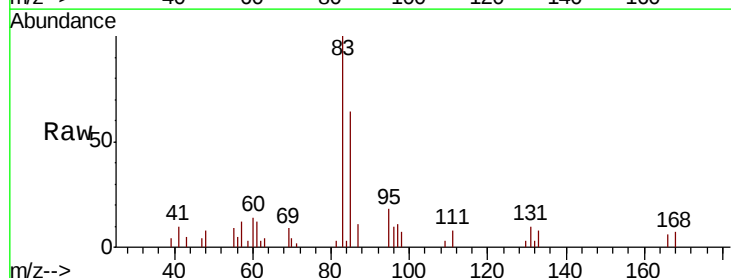
Tgt Ion: 83 Resp: 3936

Ion Ratio Lower Upper

83 100

131 9.7 5.9 17.8

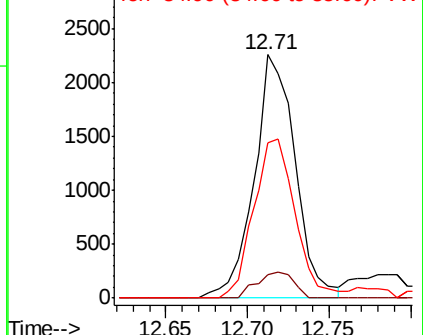
85 66.1 30.0 90.0

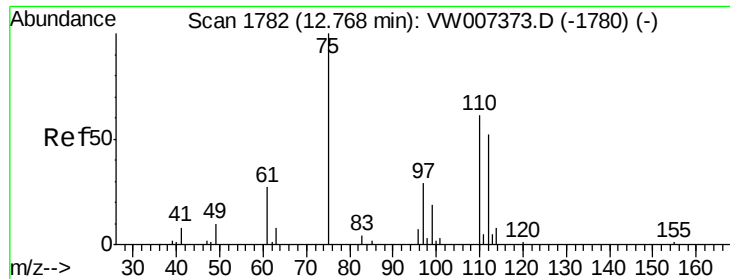


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

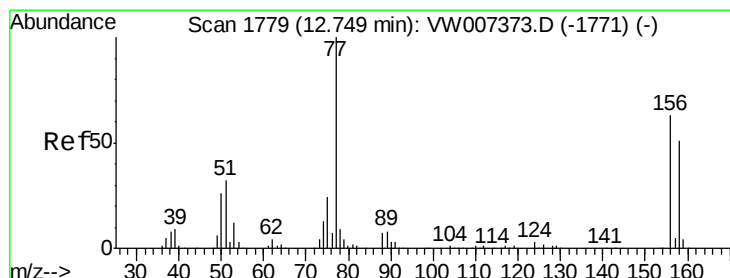
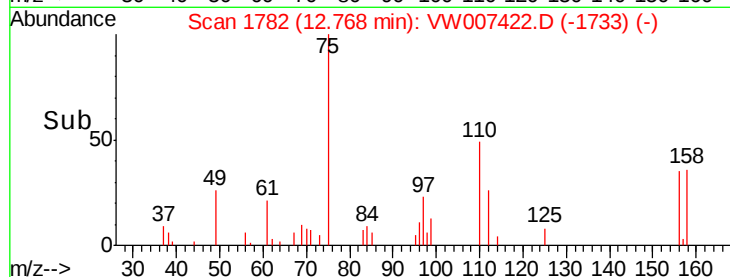
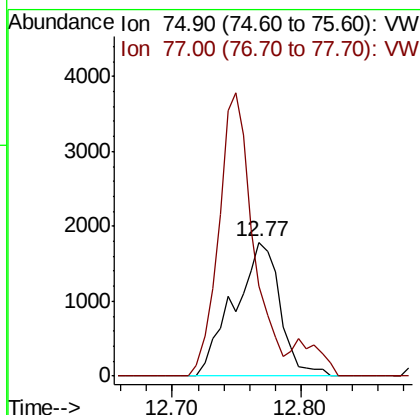
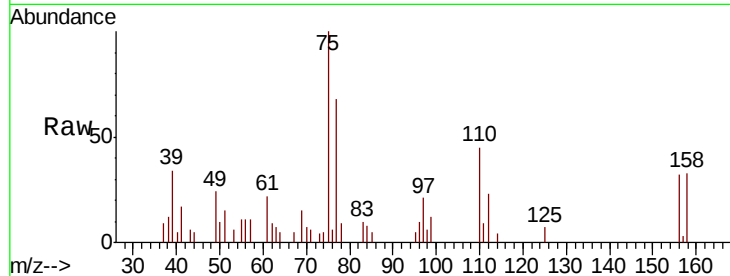




#76
 1,2,3-Trichloropropane
 Concen: 141.111 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

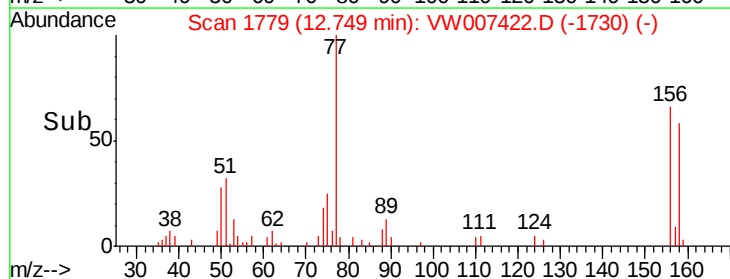
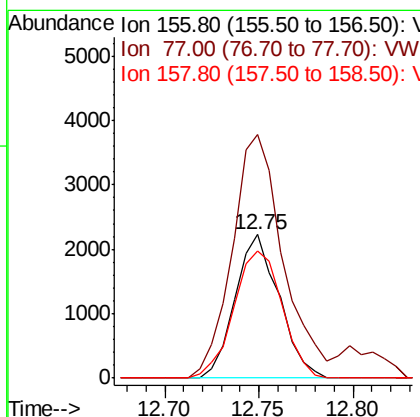
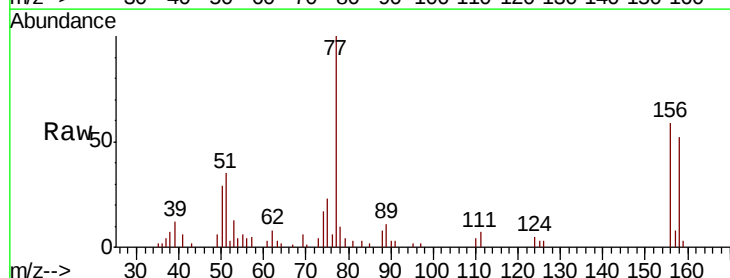
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

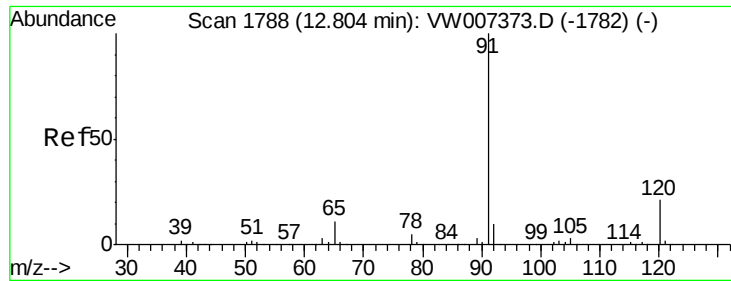
Tgt Ion: 75 Resp: 4405
 Ion Ratio Lower Upper
 75 100
 77 160.4 166.9 500.8#



#77
 Bromobenzene
 Concen: 55.891 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 156 Resp: 3594
 Ion Ratio Lower Upper
 156 100
 77 196.5 88.1 264.4
 158 97.6 45.6 136.7

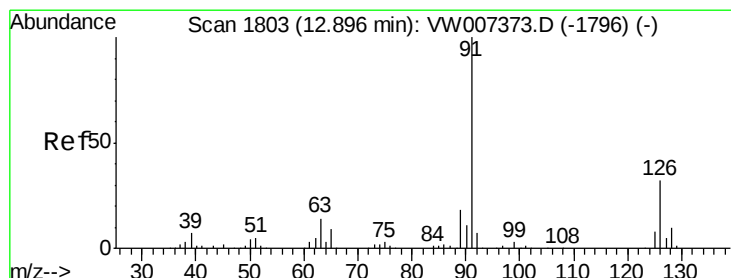
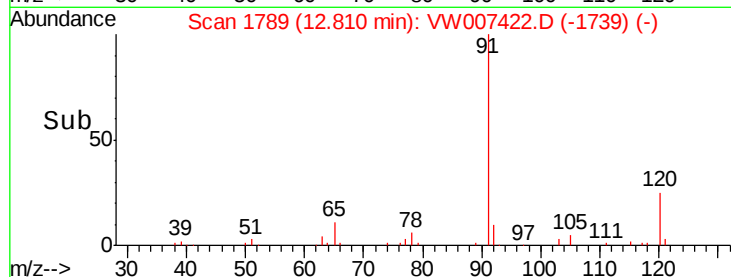
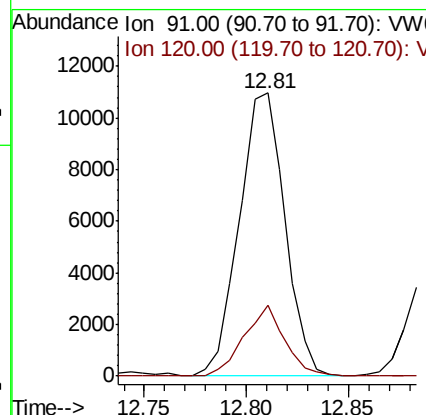
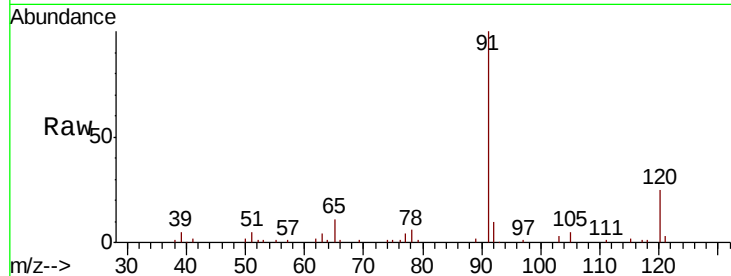




#78
n-propylbenzene
Concen: 52.227 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

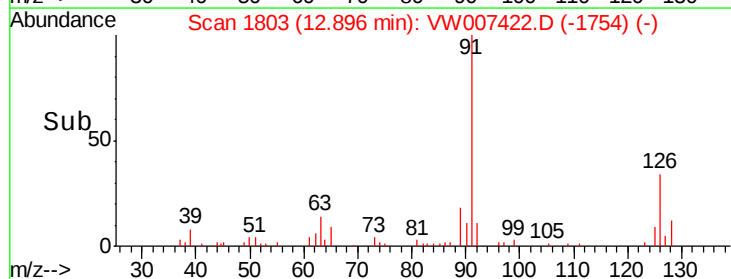
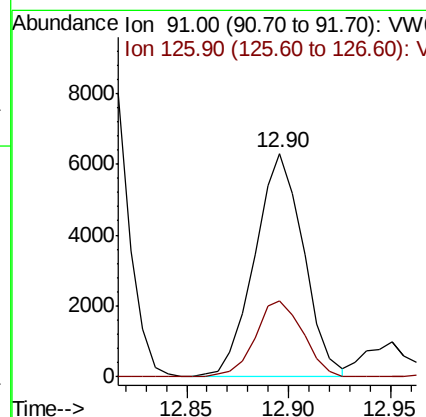
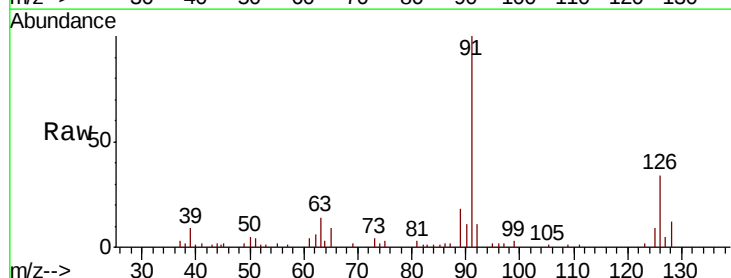
Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

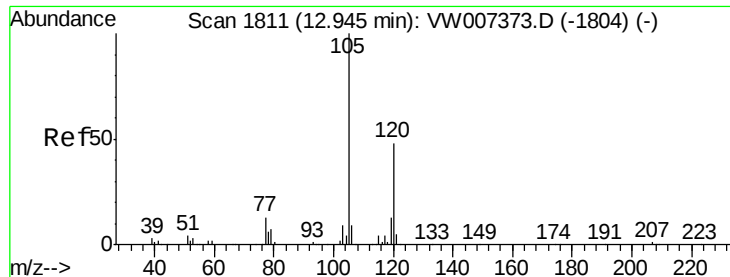
Tgt Ion: 91 Resp: 17051
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 53.092 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion: 91 Resp: 10488
Ion Ratio Lower Upper
91 100
126 32.9 15.9 47.6

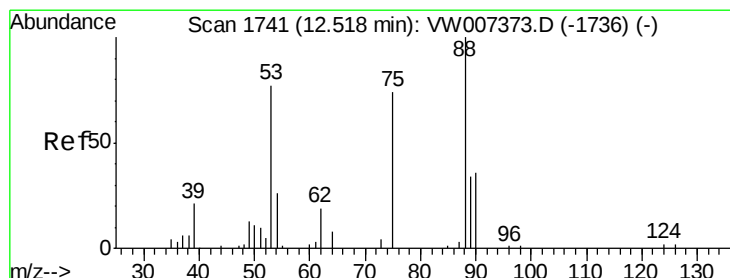
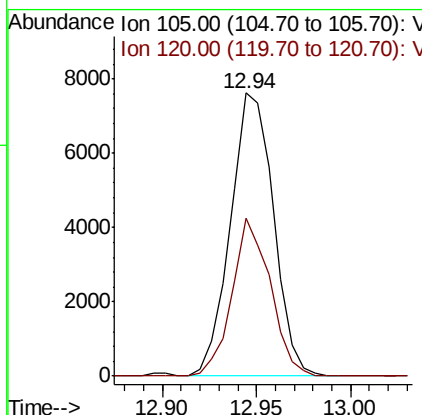
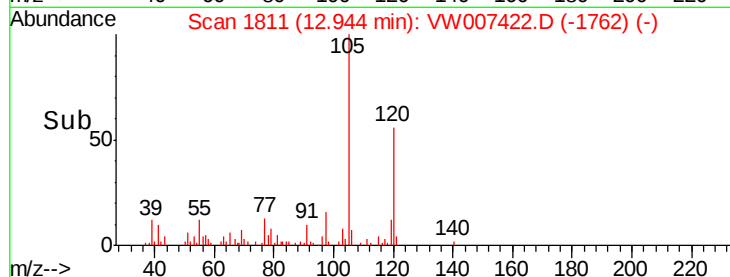
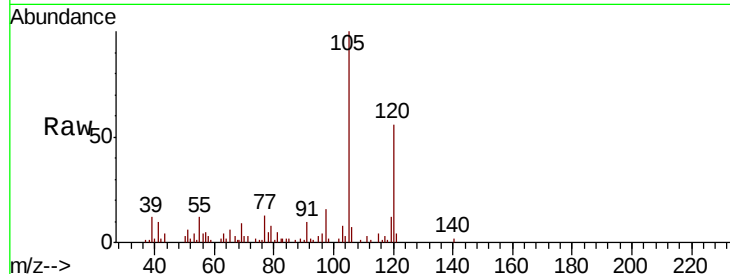




#80
 1,3,5-Trimethylbenzene
 Concen: 49.534 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

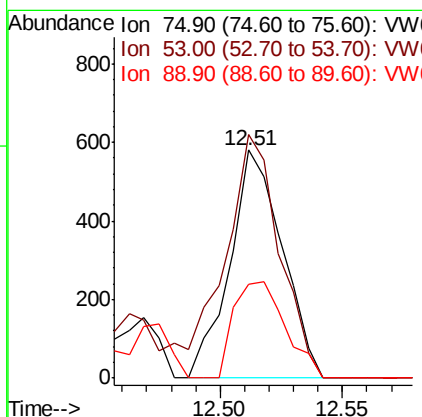
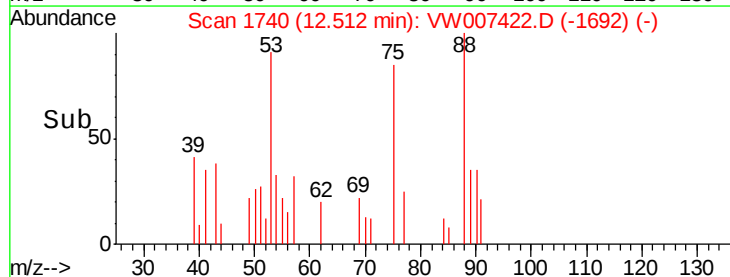
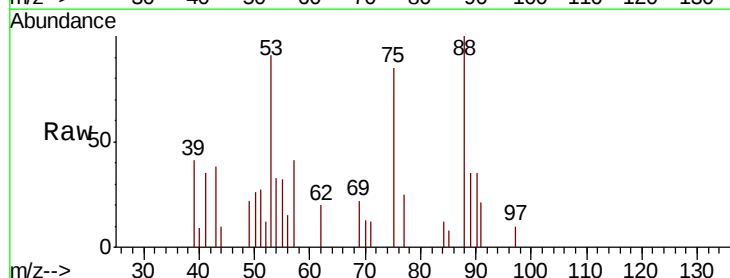
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

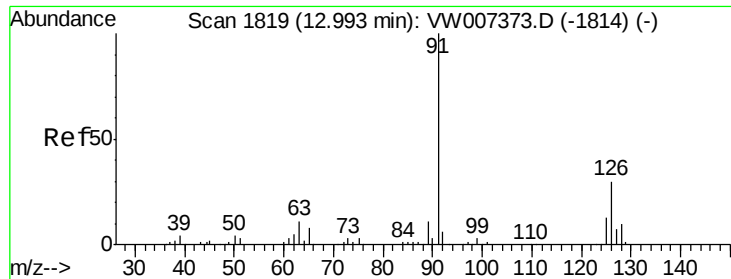
Tgt Ion: 105 Resp: 12074
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.8 71.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.140 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 53 108.7 84.9 127.3
 89 41.4 40.3 60.5





#82

4-Chlorotoluene

Concen: 51.505 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

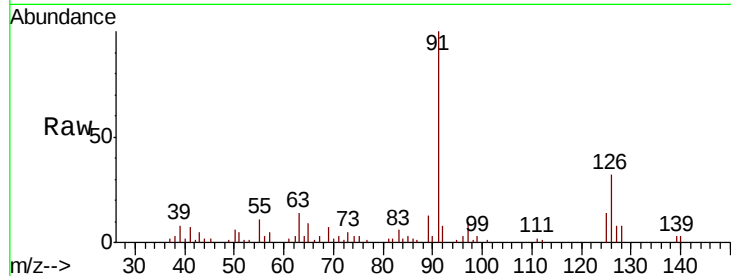
S32-0632MSD

Tgt Ion: 91 Resp: 10725

Ion Ratio Lower Upper

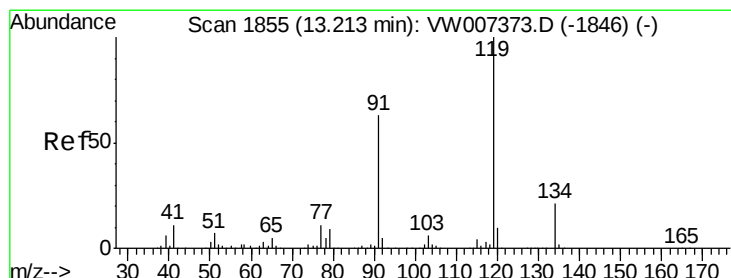
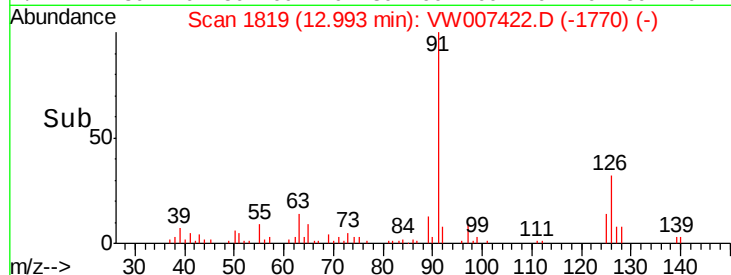
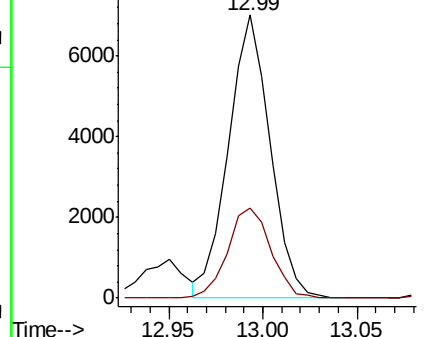
91 100

126 33.0 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 54.367 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

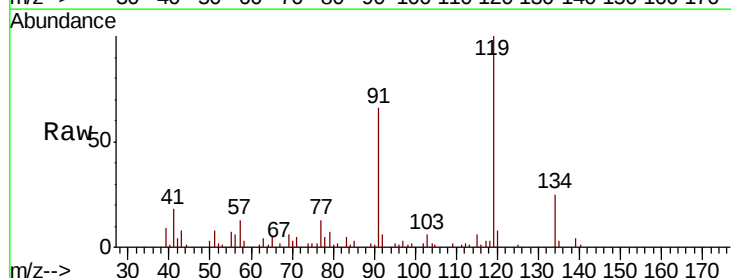
Tgt Ion: 119 Resp: 11677

Ion Ratio Lower Upper

119 100

91 67.1 33.1 99.2

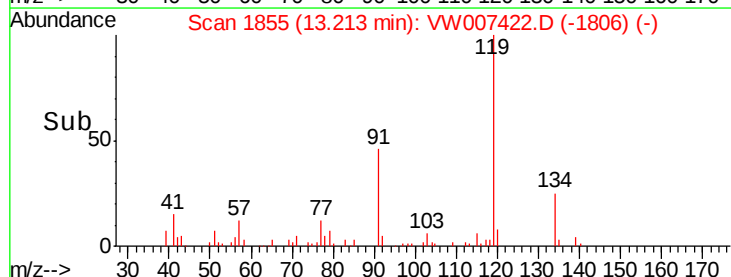
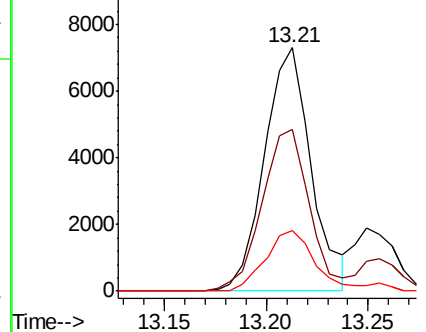
134 27.4 12.5 37.5

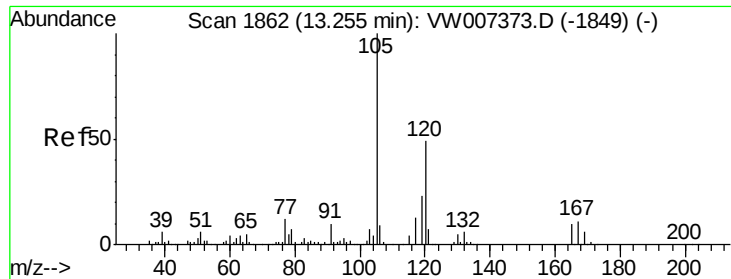


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

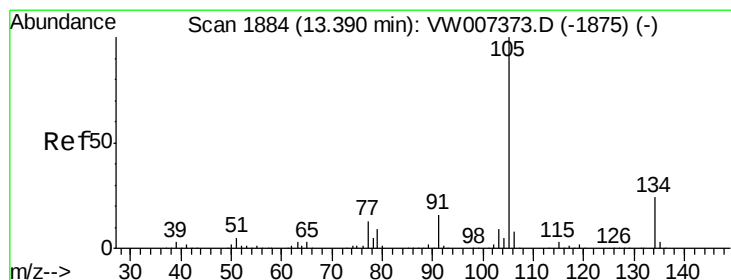
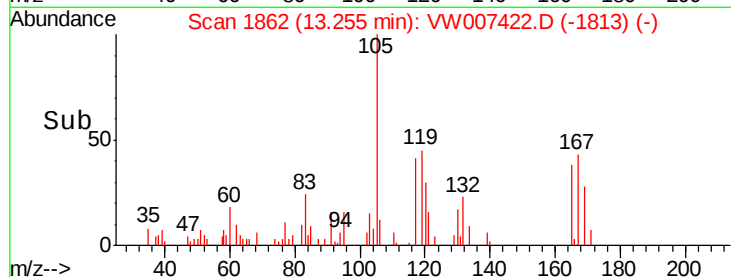
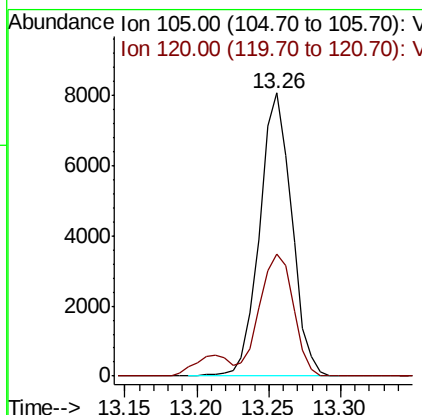
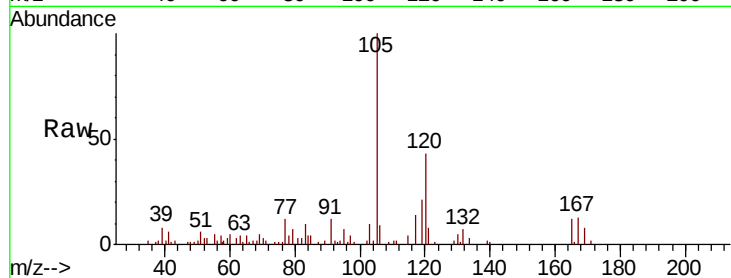




#84
 1,2,4-Trimethylbenzene
 Concen: 49.411 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

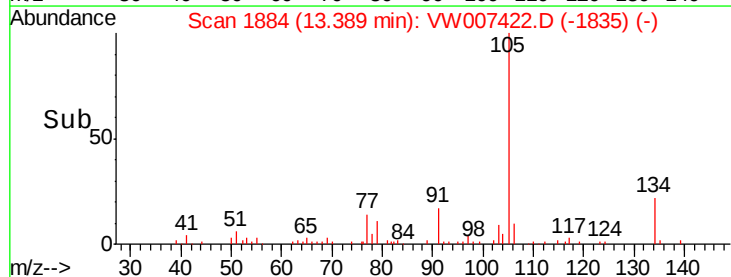
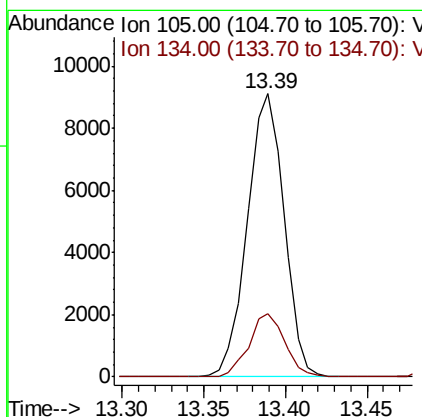
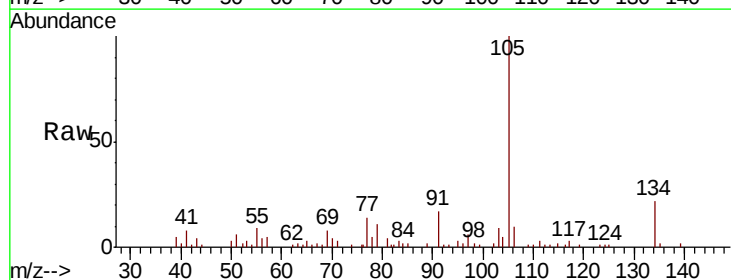
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

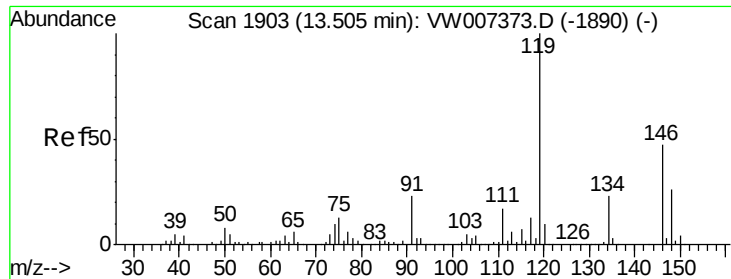
Tgt Ion:105 Resp: 12394
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 48.823 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion:105 Resp: 14315
 Ion Ratio Lower Upper
 105 100
 134 21.7 11.1 33.3

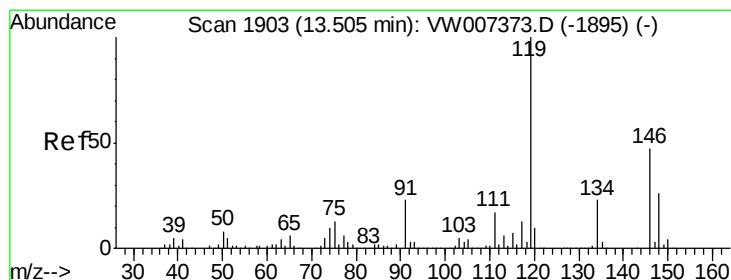
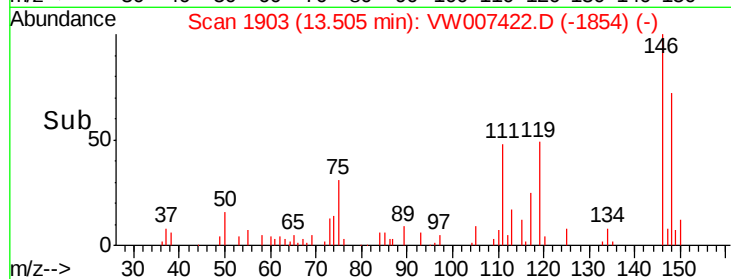
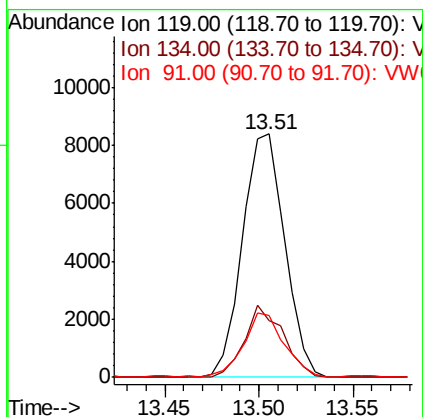
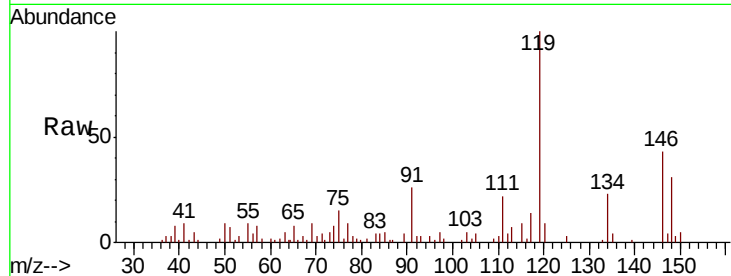




#86
 p-Isopropyltoluene
 Concen: 49.547 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

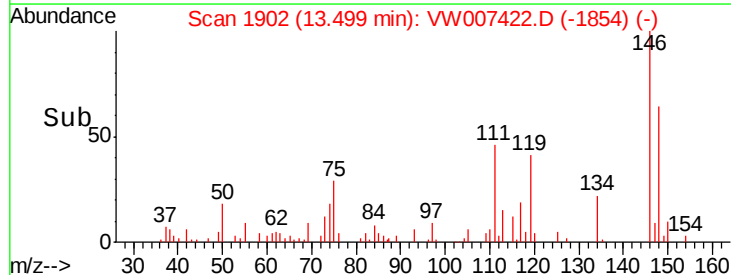
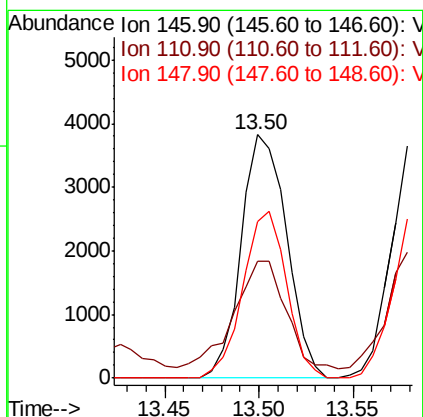
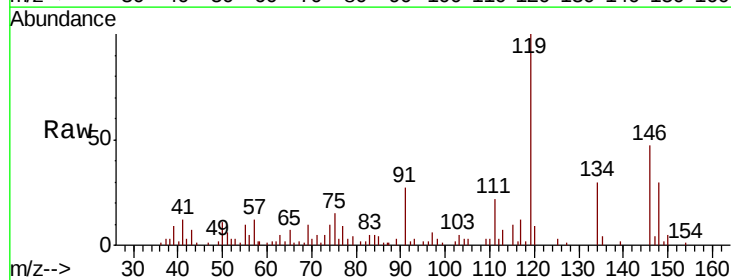
Instrument :
 MSVOA_W
 ClientSampled :
 S32-0632MSD

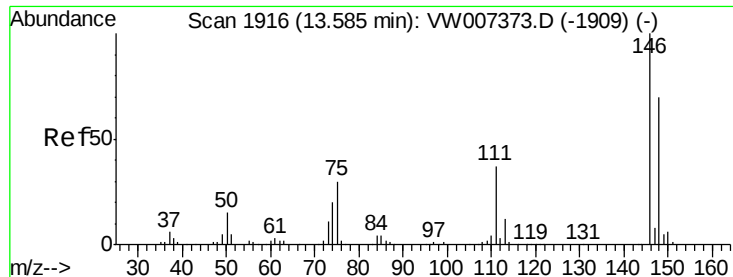
Tgt Ion:119 Resp: 13051
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 25.8 11.9 35.9



#87
 1,3-Dichlorobenzene
 Concen: 49.981 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion:146 Resp: 6408
 Ion Ratio Lower Upper
 146 100
 111 51.4 20.1 60.3
 148 65.4 31.4 94.0

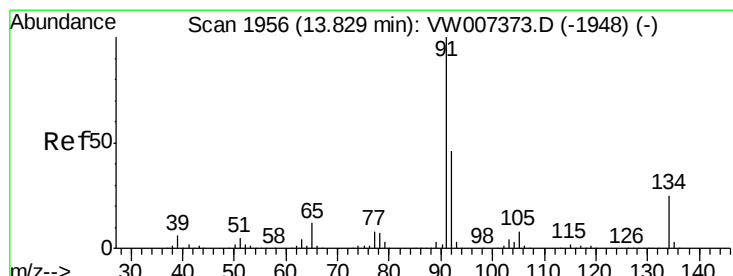
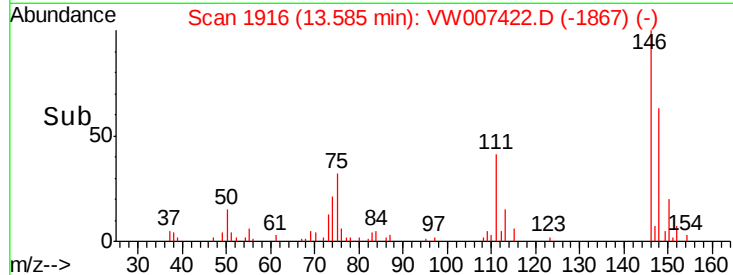
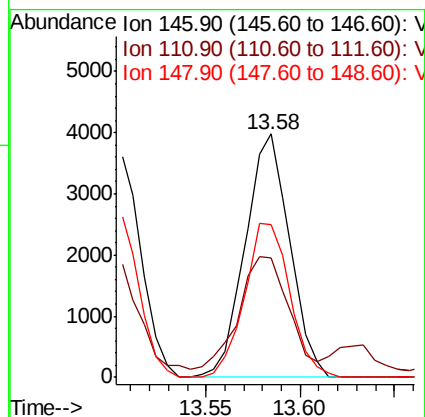
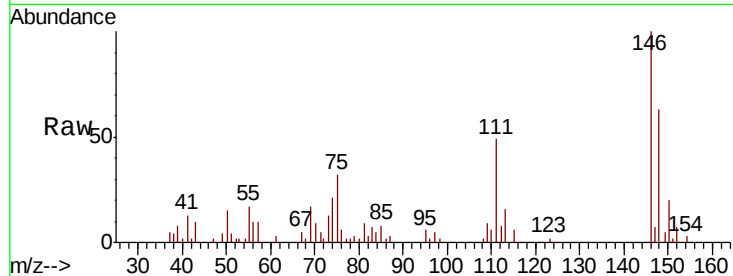




#88
 1,4-Dichlorobenzene
 Concen: 50.453 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

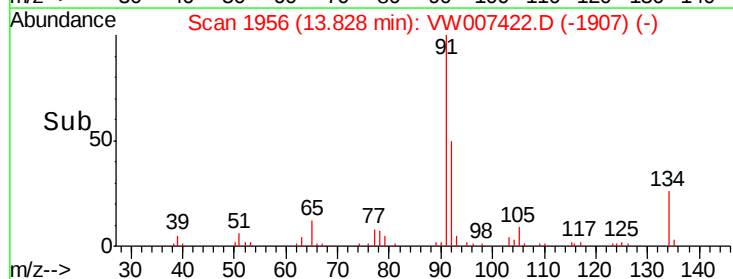
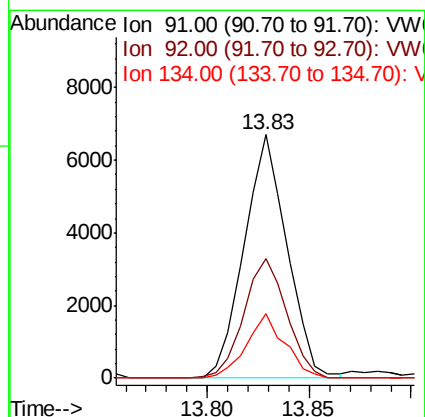
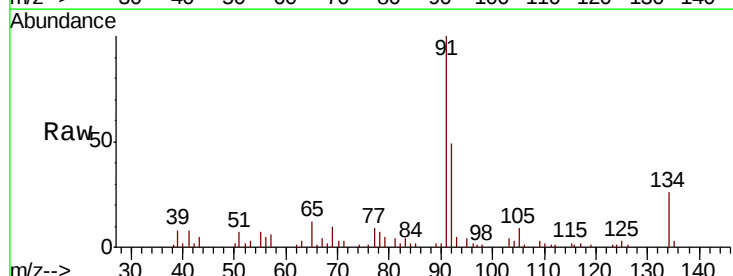
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

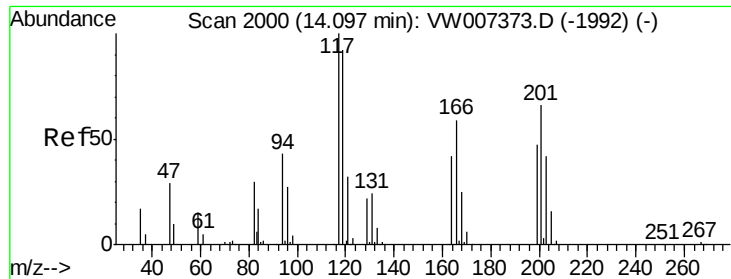
Tgt Ion: 146 Resp: 6503
 Ion Ratio Lower Upper
 146 100
 111 52.5 20.3 61.0
 148 64.5 33.5 100.5



#89
 n-Butylbenzene
 Concen: 40.047 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Tgt Ion: 91 Resp: 9779
 Ion Ratio Lower Upper
 91 100
 92 48.9 25.7 77.1
 134 23.7 13.4 40.2





#90

Hexachloroethane

Concen: 52.147 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

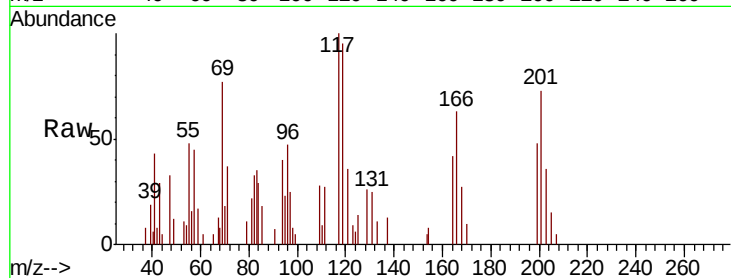
S32-0632MSD

Tgt Ion:117 Resp: 2444

Ion Ratio Lower Upper

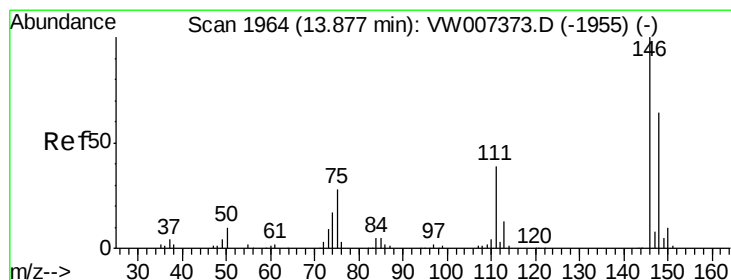
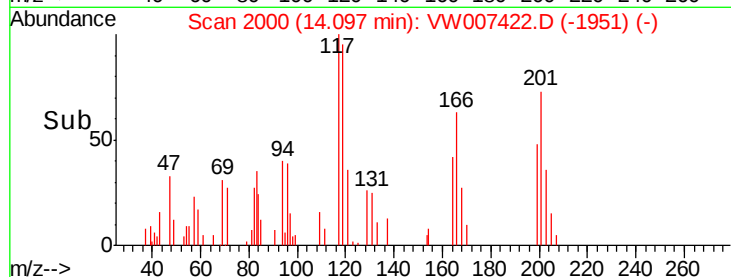
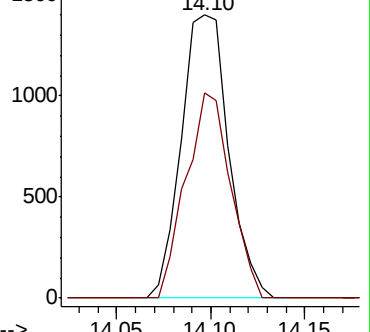
117 100

201 68.4 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 54.202 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

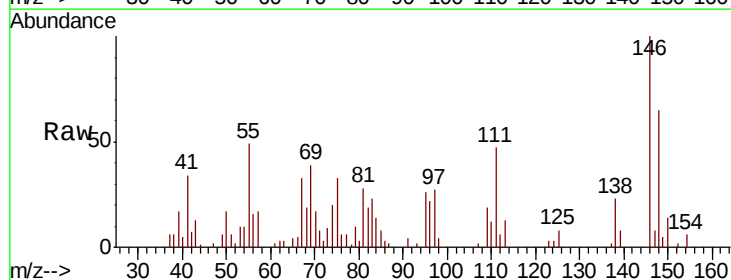
Tgt Ion:146 Resp: 6224

Ion Ratio Lower Upper

146 100

111 59.2 22.4 67.2

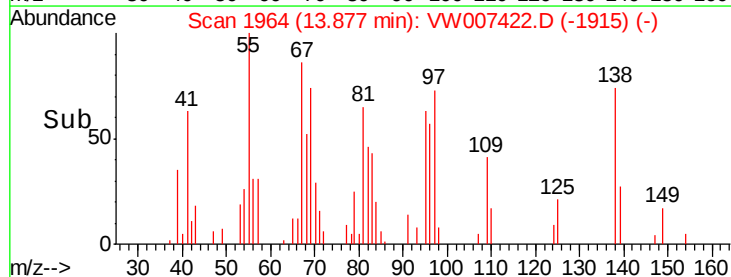
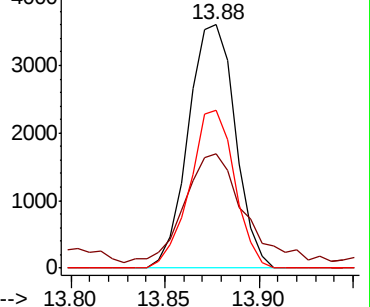
148 61.7 32.4 97.2

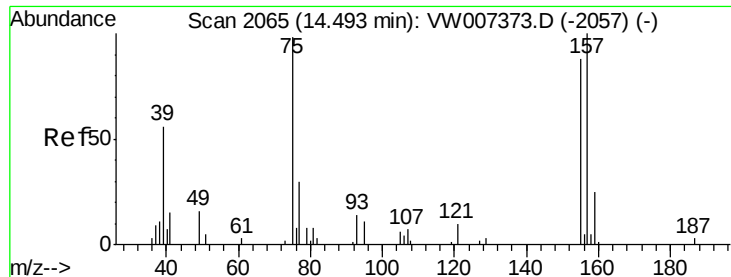


Abundance Ion 145.90 (145.60 to 146.60): V

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: 79.211 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

S32-0632MSD

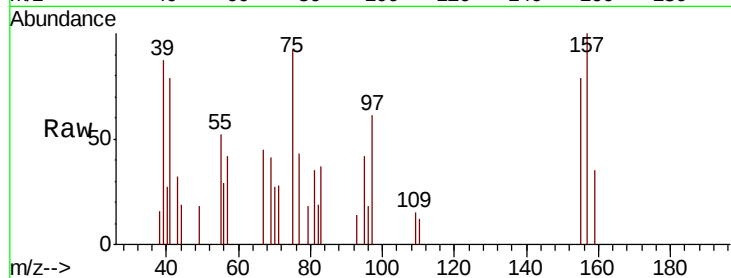
Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

155 83.0 40.8 122.2

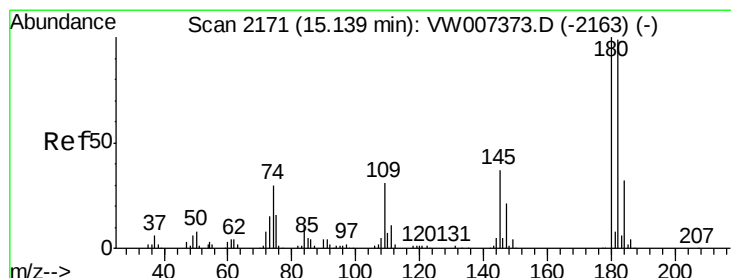
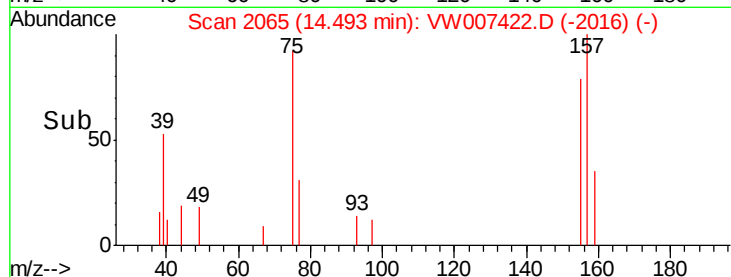
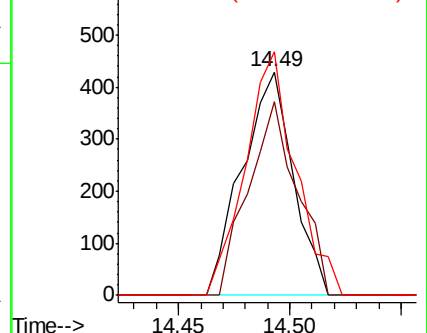
157 107.5 51.1 153.4



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: 34.672 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW007422.D

Acq: 12 Dec 2018 04:47

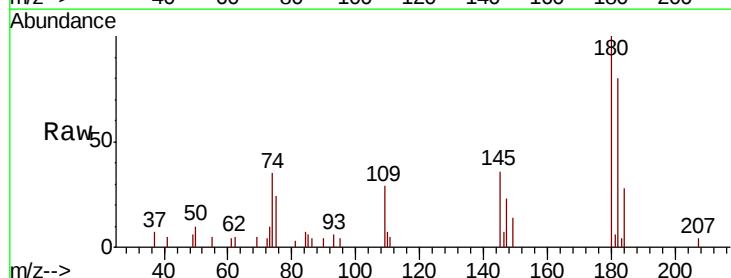
Tgt Ion: 180 Resp: 2740

Ion Ratio Lower Upper

180 100

182 86.4 49.9 149.6

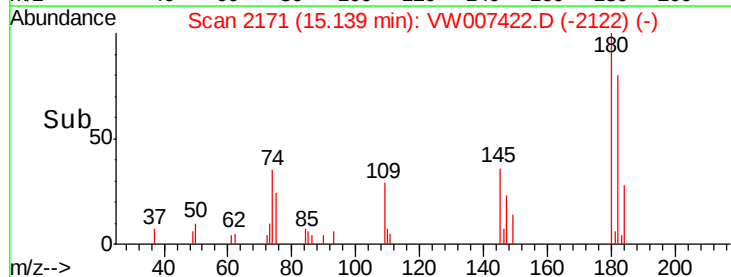
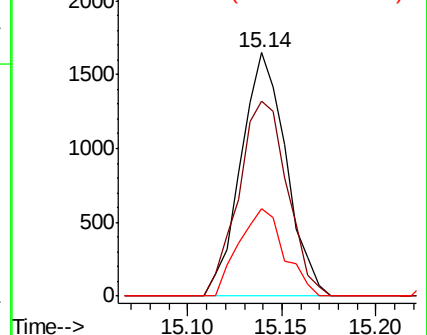
145 36.1 17.8 53.4

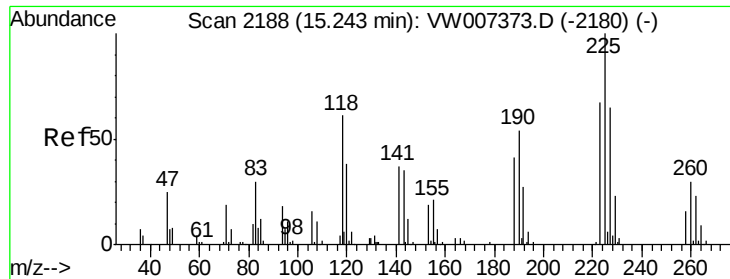


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

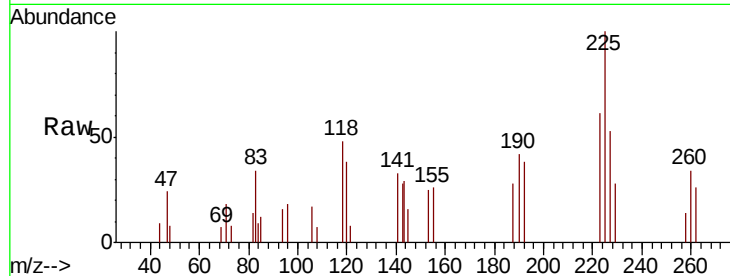




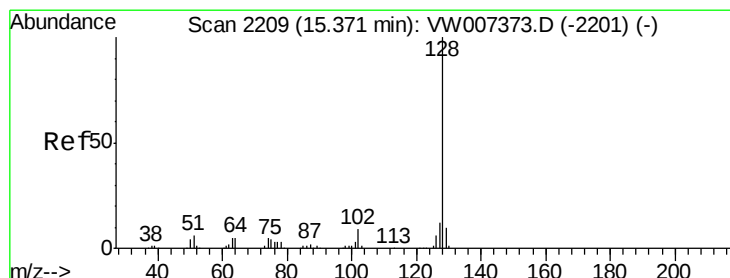
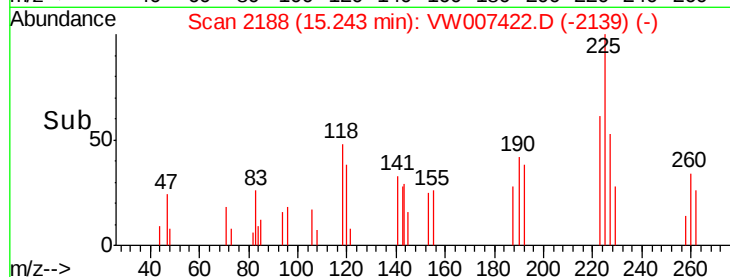
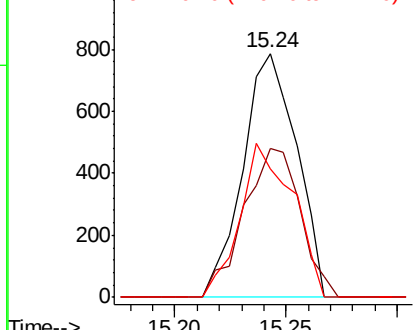
#94
Hexachlorobutadiene
Concen: 31.457 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
S32-0632MSD

Tgt Ion:225 Resp: 1319
Ion Ratio Lower Upper
225 100
223 64.1 32.1 96.3
227 62.1 31.9 95.9

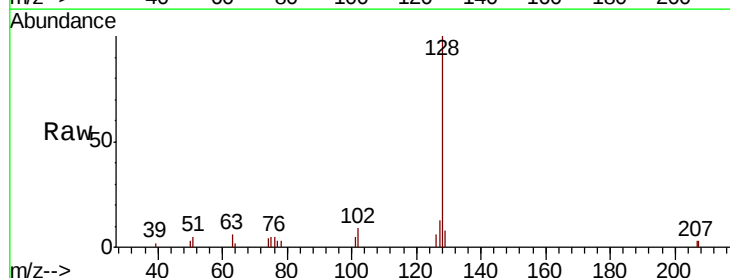


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

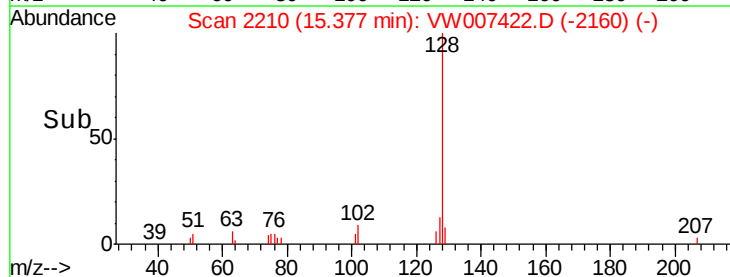
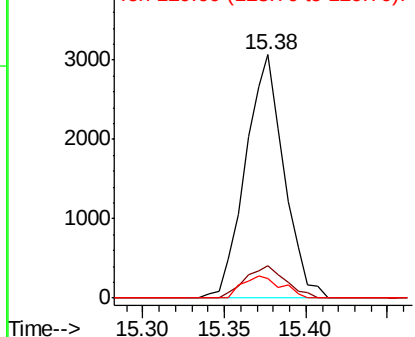


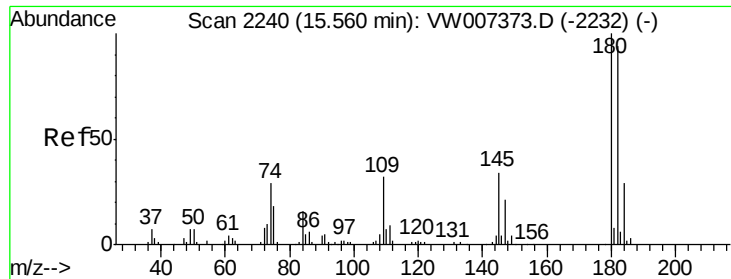
#95
Naphthalene
Concen: 33.285 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007422.D
Acq: 12 Dec 2018 04:47

Tgt Ion:128 Resp: 5032
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 9.3 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 32.383 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW007422.D
 Acq: 12 Dec 2018 04:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	45.6	136.7
145	35.4	17.5	52.5

