

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007569.D
 Acq On : 15 Dec 2018 07:58
 Operator : SY/AP
 Sample : J6391-08MSD
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Manual Integrations
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 12/17/2018 1:45:44 PM

Quant Time: Dec 15 20:02:19 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	15747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	28569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	15123	86.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.14%	
35) Dibromofluoromethane	7.88	113	11928	68.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.94%	
50) Toluene-d8	10.32	98	35527	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	12.62	95	10294	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	5317	48.318	ug/l	88
3) Chloromethane	2.21	50	4416	47.917	ug/l	95
4) Vinyl Chloride	2.36	62	5809	53.711	ug/l	99
5) Bromomethane	2.78	94	3268	44.973	ug/l	96
6) Chloroethane	2.92	64	3764	63.224	ug/l	92
7) Trichlorofluoromethane	3.26	101	8350	85.875	ug/l	100
8) Diethyl Ether	3.68	74	7028	92.349	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	6784	42.284	ug/l	97
10) Methyl Iodide	4.26	142	9675	36.410	ug/l	97
11) Tert butyl alcohol	5.17	59	5944	495.407	ug/l	98
12) 1,1-Dichloroethene	4.03	96	7362	47.659	ug/l	92
14) Allyl chloride	4.67	41	11034	48.459	ug/l	98
15) Acrylonitrile	5.37	53	9413	293.406	ug/l	99
16) Acetone	4.12	43	15722	515.222	ug/l	99
17) Carbon Disulfide	4.37	76	20252	43.239	ug/l	97
18) Methyl Acetate	4.67	43	16844	203.379	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	30466	130.737	ug/l	99
20) Methylene Chloride	4.91	84	12855	79.333	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	9838	56.932	ug/l	90
22) Diisopropyl ether	6.32	45	34915	79.775	ug/l	95
23) Vinyl Acetate	6.32	43	19408	79.281	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	19100	64.570	ug/l	99
25) 2-Butanone	7.17	43	17225	432.383	ug/l	97
26) 2,2-Dichloropropane	7.16	77	13095	66.891	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	12005	63.448	ug/l	98
28) Bromochloromethane	7.51	49	8601	77.303	ug/l	98
29) Tetrahydrofuran	7.53	42	12476	494.692	ug/l	95
30) Chloroform	7.68	83	21610	67.132	ug/l	100
31) Cyclohexane	7.96	56	8037	29.614	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	16301	57.746	ug/l	99
36) 1,1-Dichloropropene	8.08	75	11082	42.522	ug/l	98
37) Ethyl Acetate	7.17	43	17225	177.701	ug/l #	1
38) Carbon Tetrachloride	8.07	117	12560	44.292	ug/l	95
39) Methylcyclohexane	9.34	83	5995	18.997	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	40990	56.674	ug/l	97
41) Methacrylonitrile	7.48	41	1788m	32.392	ug/l	
42) 1,2-Dichloroethane	8.40	62	17985	79.161	ug/l	98
43) Isopropyl Acetate	8.43	43	1802	9.411	ug/l #	61
44) Trichloroethene	9.09	130	9772	47.315	ug/l	87
45) 1,2-Dichloropropane	9.37	63	11215	67.007	ug/l	97
46) Dibromomethane	9.46	93	7808	82.149	ug/l	94
47) Bromodichloromethane	9.65	83	16766	67.250	ug/l	92
48) Methyl methacrylate	9.44	41	6323	64.300	ug/l	98
49) 1,4-Dioxane	9.45	88	2685	1741.019	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	35672	394.296	ug/l	97
52) Toluene	10.39	92	24137	51.569	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	12903	53.310	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	12821	45.822	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	10147	78.441	ug/l	95
56) Ethyl methacrylate	10.65	69	626	4.026	ug/l #	73
57) 1,3-Dichloropropane	10.93	76	16468	77.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	20568	286.857	ug/l	99
59) 2-Hexanone	10.97	43	17376	288.037	ug/l	98
60) Dibromochloromethane	11.13	129	11399	69.825	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8915	69.737	ug/l	94
64) Tetrachloroethene	10.86	164	6323	41.315	ug/l	92
65) Chlorobenzene	11.66	112	23936	53.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	10655	68.201	ug/l	99
67) Ethyl Benzene	11.73	91	35702	46.813	ug/l	93
68) m/p-Xylenes	11.84	106	27864	93.982	ug/l	100
69) o-Xylene	12.17	106	14050	50.741	ug/l	95
70) Styrene	12.18	104	20713	46.312	ug/l	98
71) Bromoform	12.35	173	5882	73.557	ug/l #	95
73) Isopropylbenzene	12.47	105	28729	54.041	ug/l	97
74) N-amyl acetate	12.18	43	99	1.025	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.72	83	9633	122.342	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	8756m	153.061	ug/l	
77) Bromobenzene	12.75	156	8668	73.558	ug/l	88
78) n-propylbenzene	12.81	91	29023	48.510	ug/l	99
79) 2-Chlorotoluene	12.90	91	19825	54.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	22759	50.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2088	80.628	ug/l	93
82) 4-Chlorotoluene	12.99	91	21353	55.957	ug/l	99
83) tert-Butylbenzene	13.21	119	17792	45.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	23826	51.833	ug/l	99
85) sec-Butylbenzene	13.38	105	19537	36.361	ug/l	97
86) p-Isopropyltoluene	13.51	119	18152	37.605	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	11657	49.616	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	12266	51.931	ug/l	97
89) n-Butylbenzene	13.83	91	12006	26.830	ug/l	98
90) Hexachloroethane	14.10	117	3313	38.574	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	10873	51.670	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1607	101.701	ug/l	93
93) 1,2,4-Trichlorobenzene	15.14	180	3577	24.700	ug/l	93

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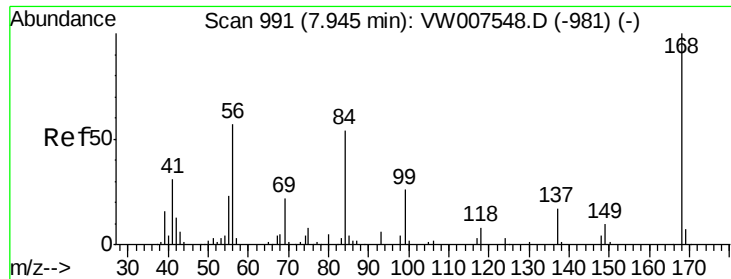
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	1252	16.294	ug/l	99
95) Naphthalene	15.37	128	10525	37.991	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	2957	23.506	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:168 Resp: 15747

Ion Ratio Lower Upper

168 100

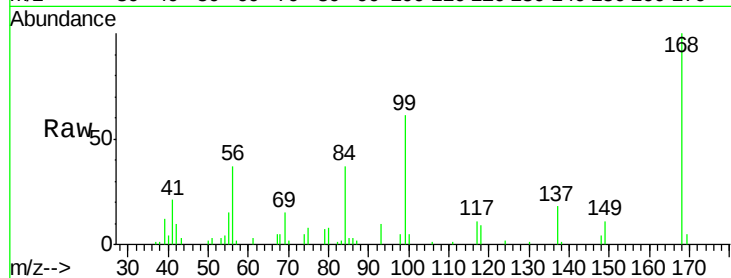
99 61.4 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

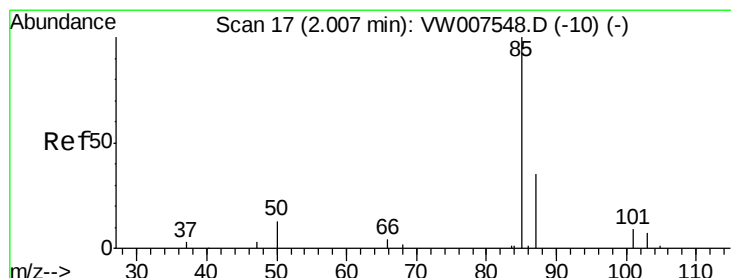
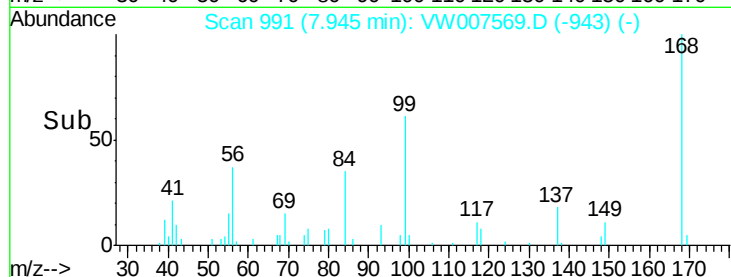
4000

2000

0

7.85 7.90 7.95 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.318 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007569.D

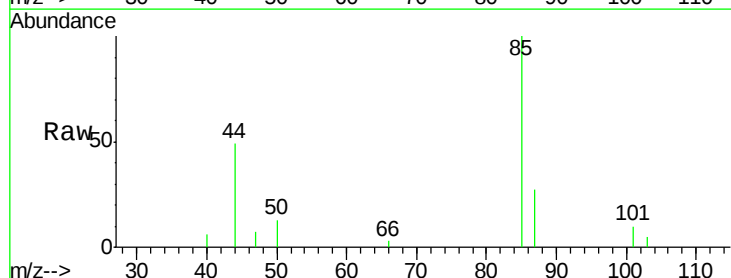
Acq: 15 Dec 2018 07:58

Tgt Ion: 85 Resp: 5317

Ion Ratio Lower Upper

85 100

87 26.5 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

2000

1500

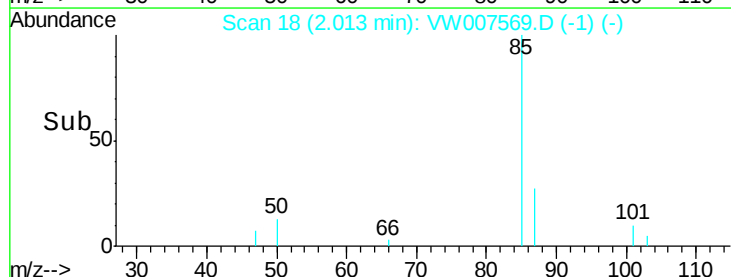
1000

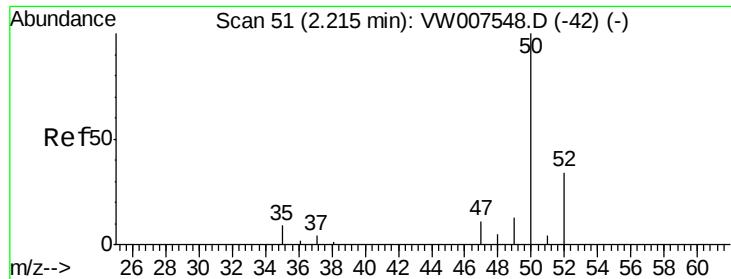
500

0

2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.917 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

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ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 50 Resp: 4416

Ion Ratio Lower Upper

50 100

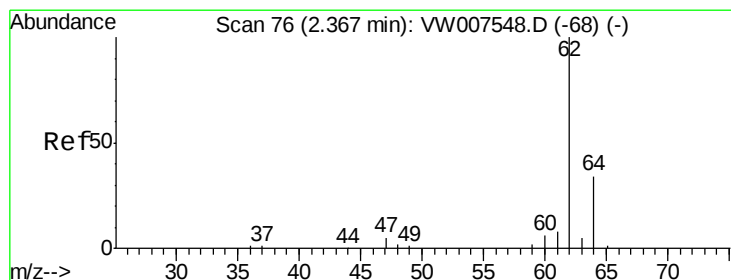
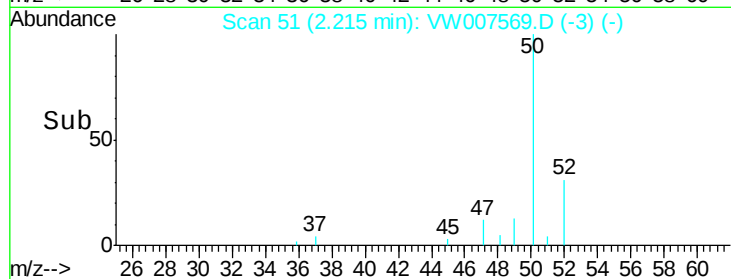
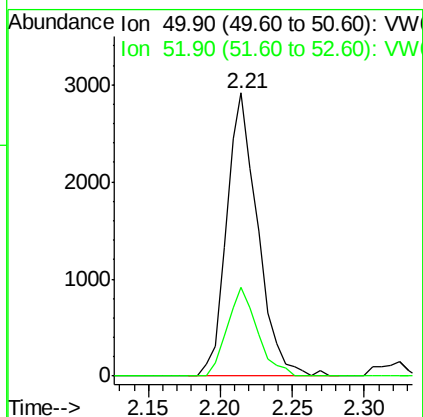
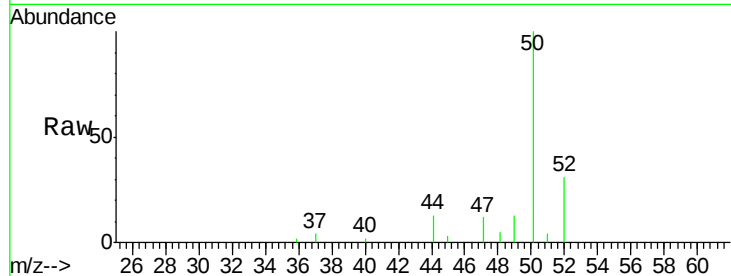
52 31.3 27.4 41.0

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#4

Vinyl Chloride

Concen: 53.711 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007569.D

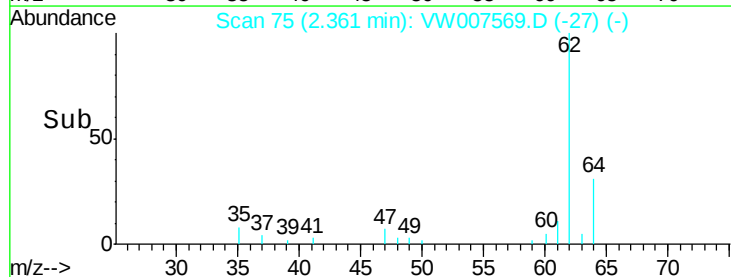
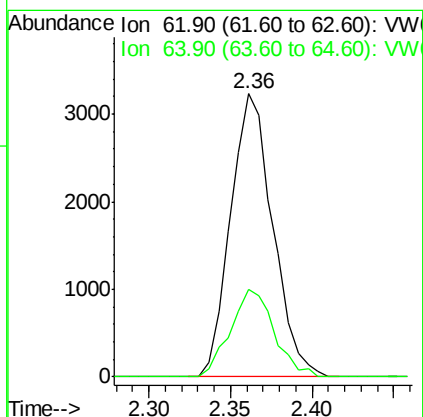
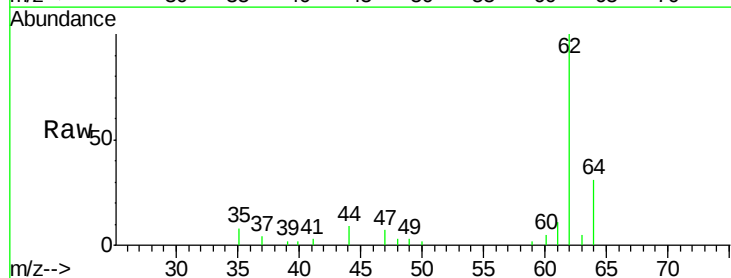
Acq: 15 Dec 2018 07:58

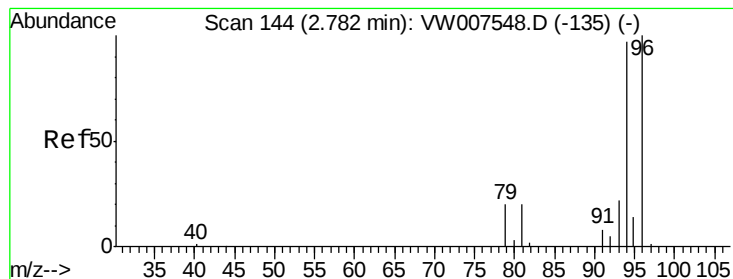
Tgt Ion: 62 Resp: 5809

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 44.973 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

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ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 94 Resp: 3268

Ion Ratio Lower Upper

94 100

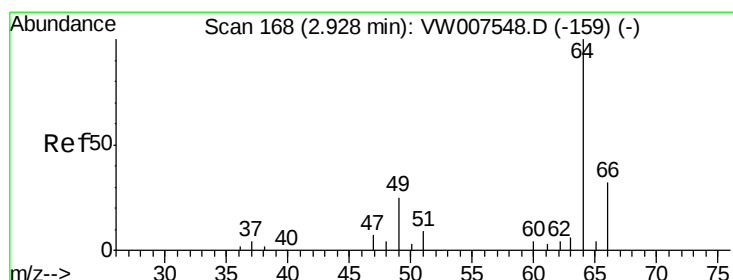
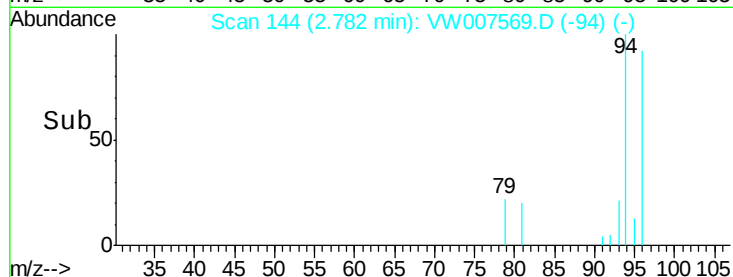
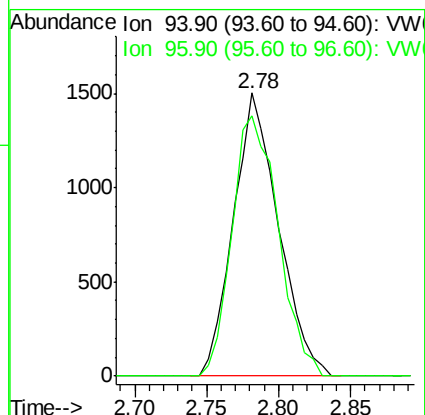
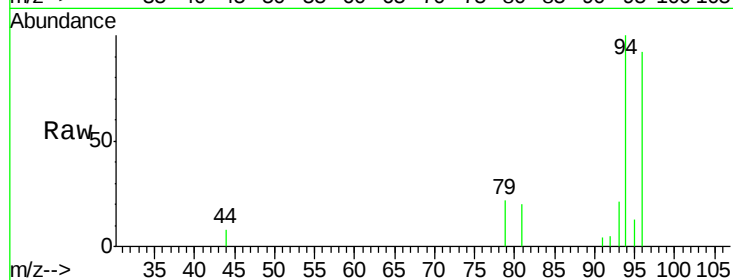
96 92.1 71.0 106.4

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#6

Chloroethane

Concen: 63.224 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007569.D

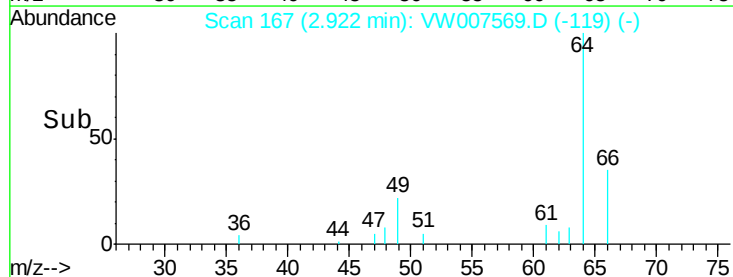
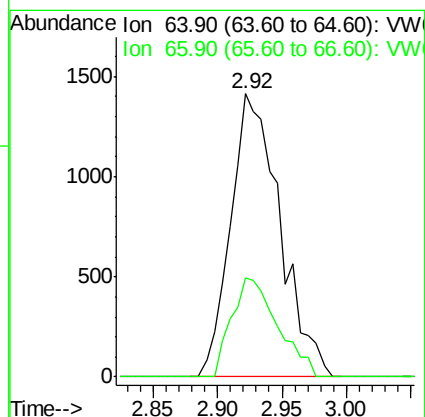
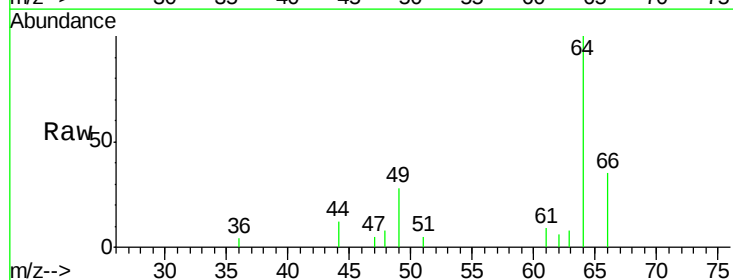
Acq: 15 Dec 2018 07:58

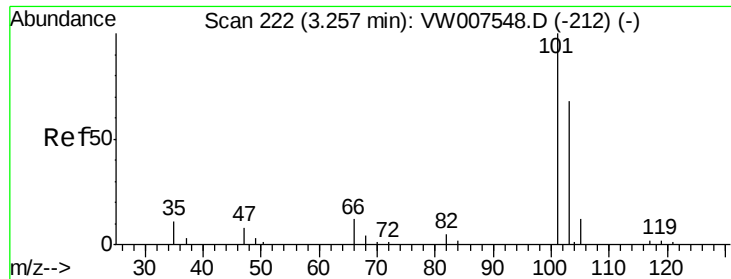
Tgt Ion: 64 Resp: 3764

Ion Ratio Lower Upper

64 100

66 35.0 24.6 37.0





#7

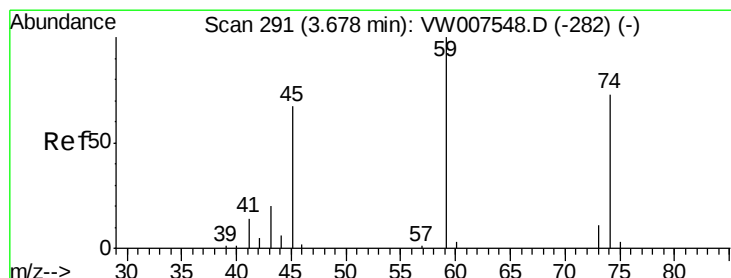
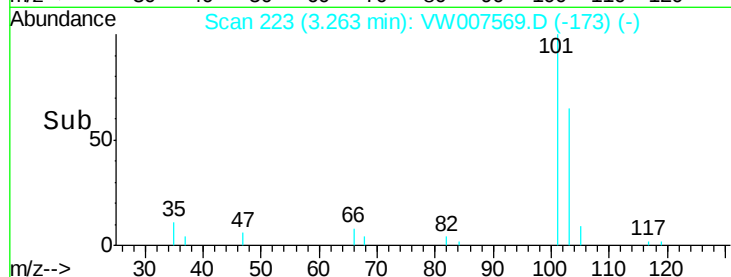
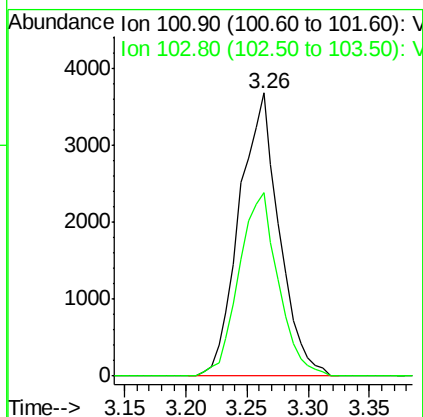
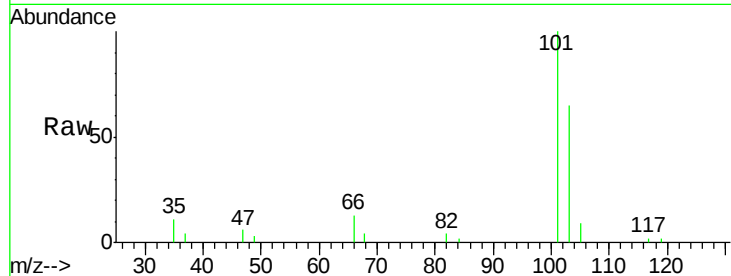
Trichlorofluoromethane
Concen: 85.875 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

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P001-SS016-0006-01MSD

Tgt Ion: 101 Resp: 8350
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

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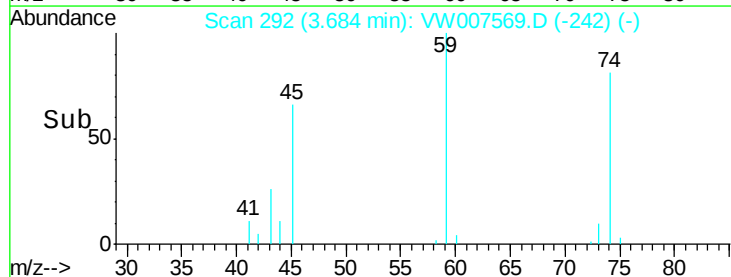
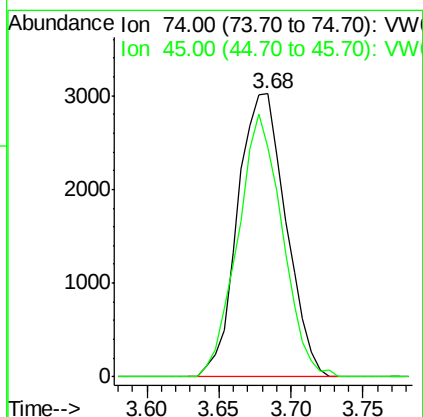
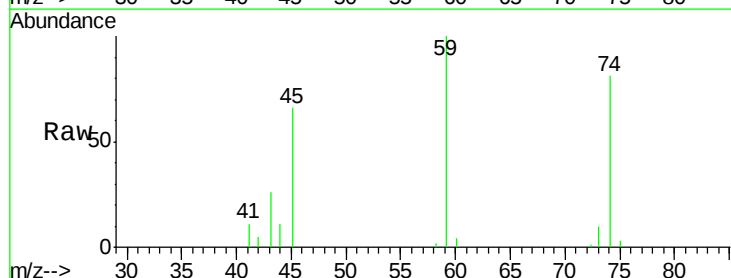
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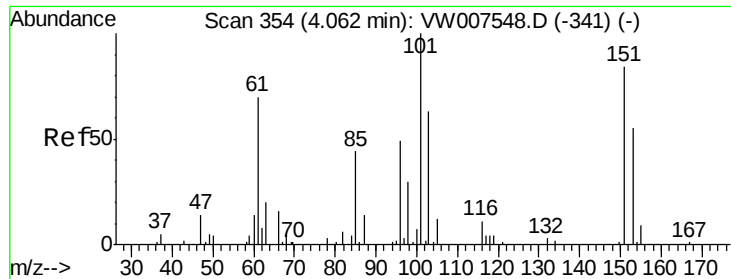


#8

Diethyl Ether
Concen: 92.349 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 74 Resp: 7028
Ion Ratio Lower Upper
74 100
45 85.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.284 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007569.D

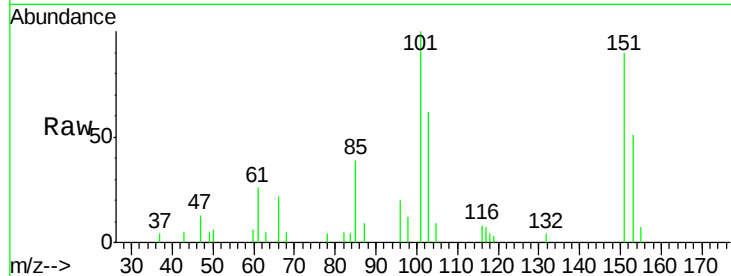
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Instrument :

MSVOA_W

ClientSampleId :

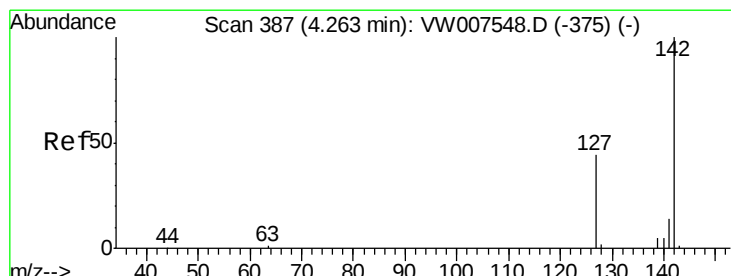
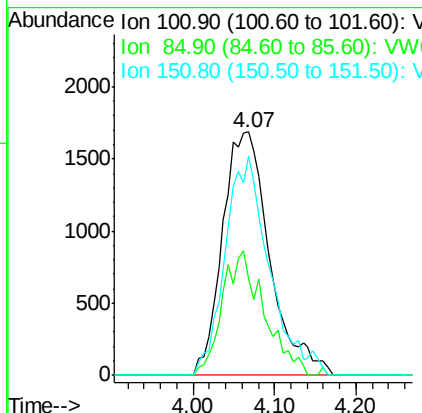
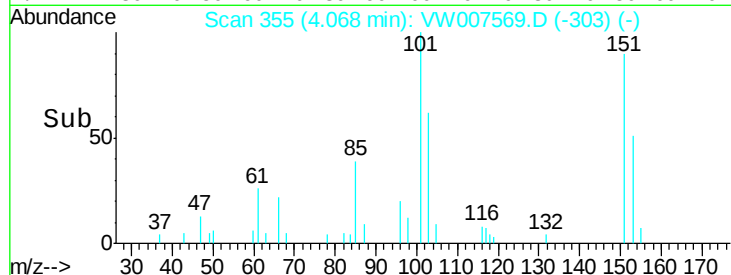
P001-SS016-0006-01MSD



Tgt Ion:	101	Resp:	6784
Ion Ratio	Lower	Upper	
101	100		
85	44.9	33.9	50.9
151	82.1	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 36.410 ug/l

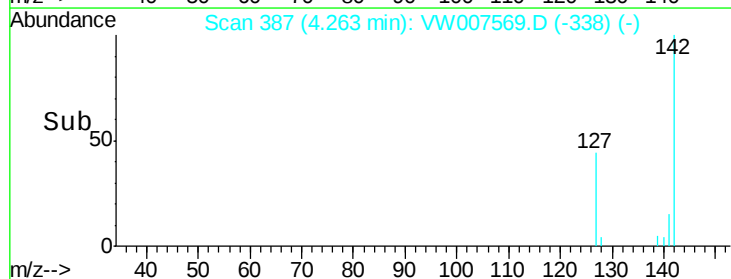
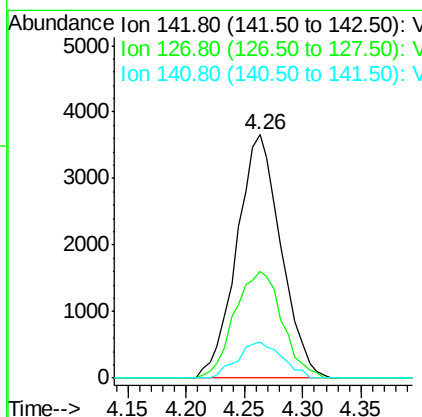
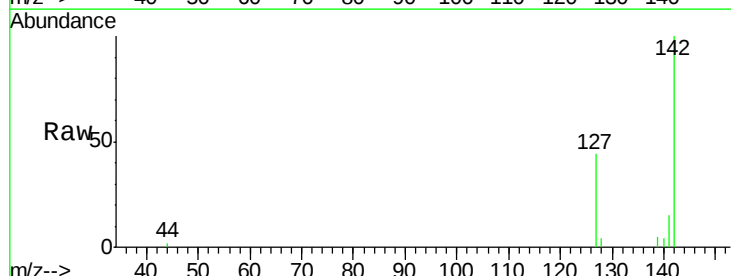
RT: 4.26 min Scan# 387

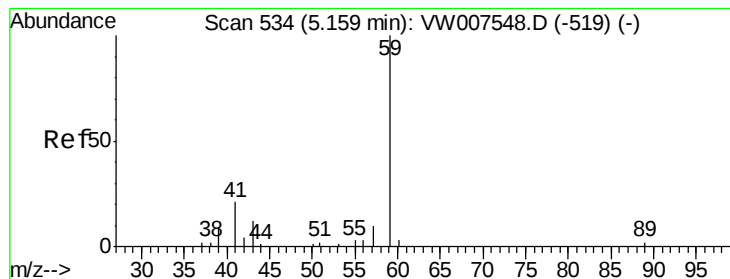
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	142	Resp:	9675
Ion Ratio	Lower	Upper	
142	100		
127	47.2	35.8	53.6
141	14.8	11.1	16.7





#11

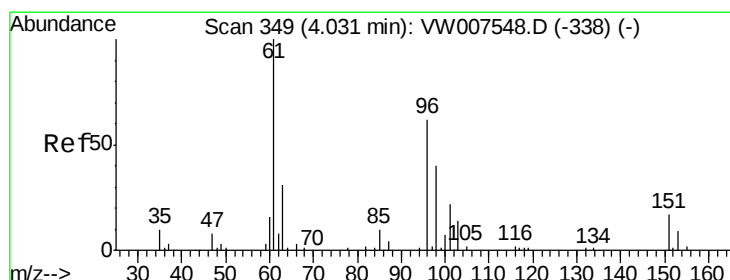
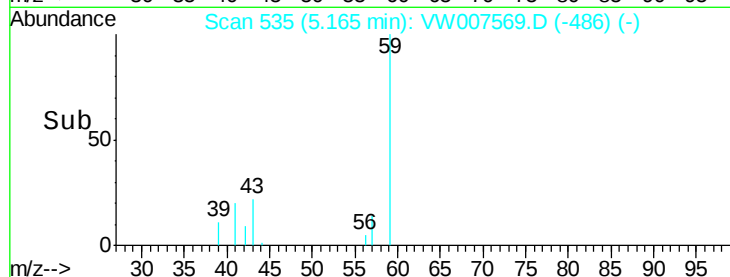
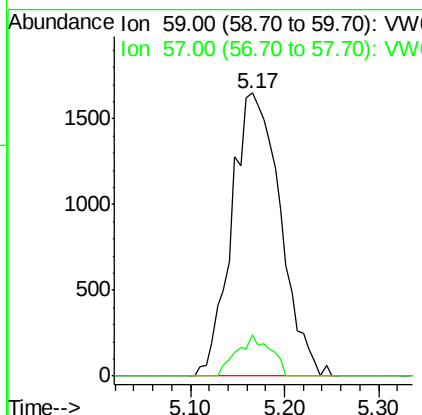
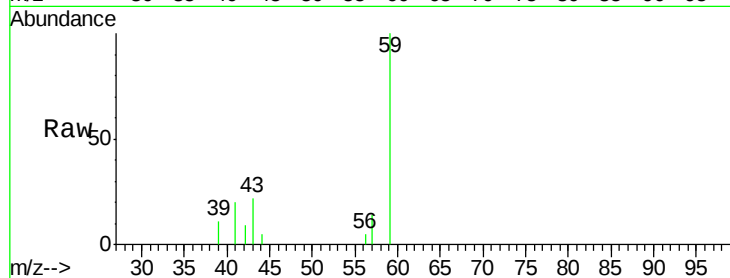
Tert butyl alcohol
Concen: 495.407 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 59 Resp: 5944
Ion Ratio Lower Upper
59 100
57 10.1 7.6 11.4

Manual Integrations
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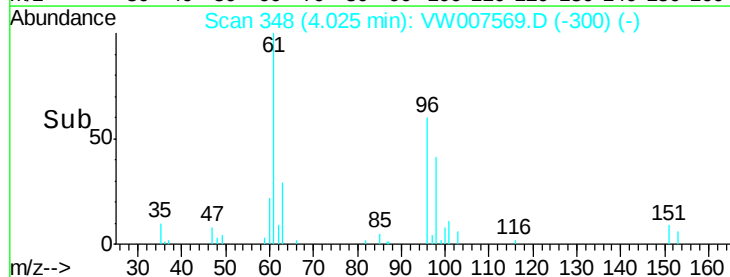
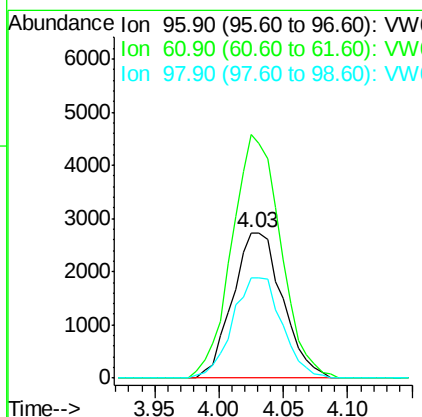
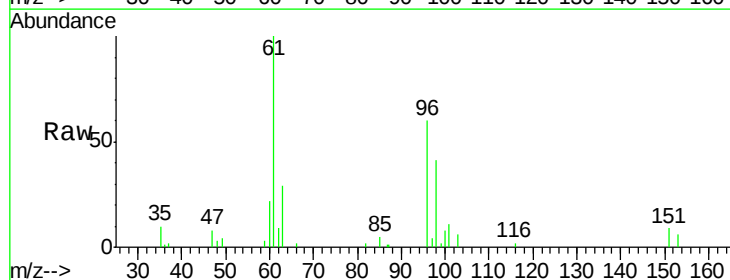
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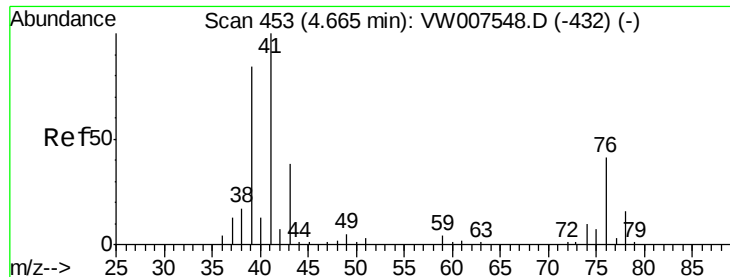


#12

1,1-Dichloroethene
Concen: 47.659 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 96 Resp: 7362
Ion Ratio Lower Upper
96 100
61 167.4 126.2 189.2
98 68.9 48.3 72.5





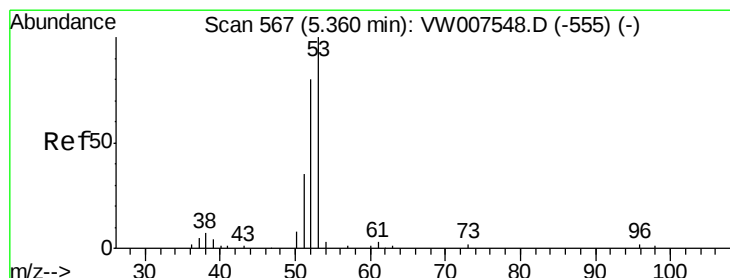
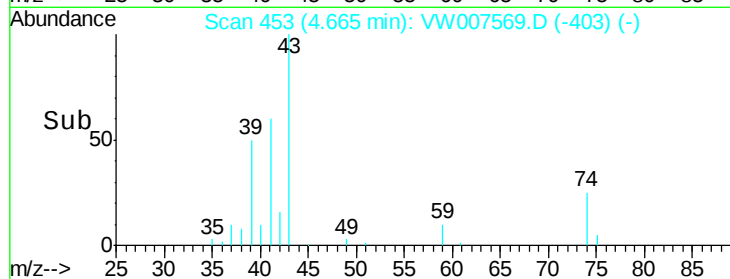
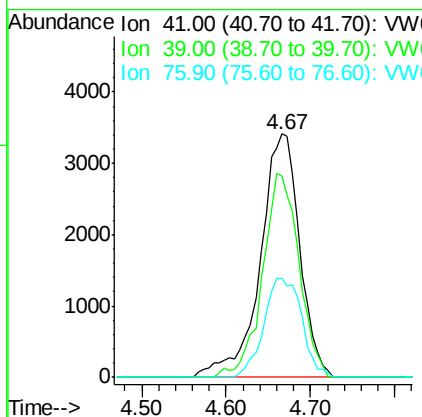
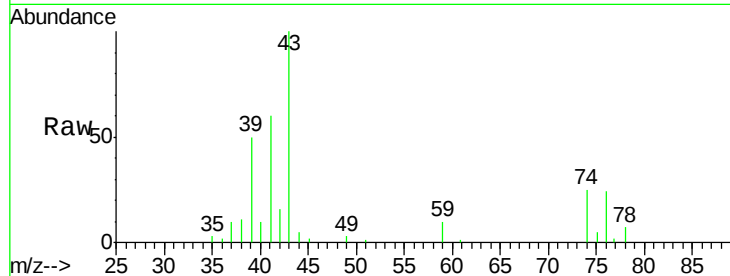
#14
 Allyl chloride
 Concen: 48.459 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. 0.01 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.2	63.4	95.2
76	39.2	32.1	48.1

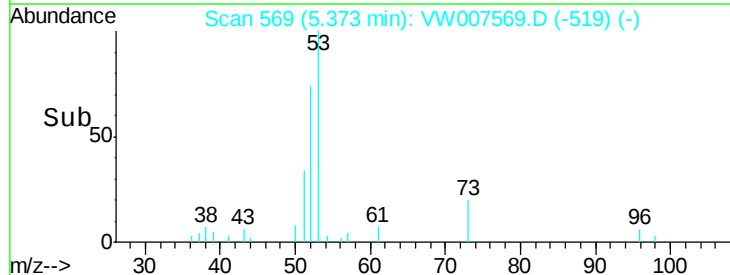
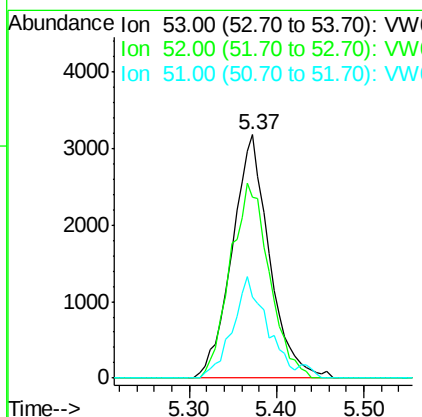
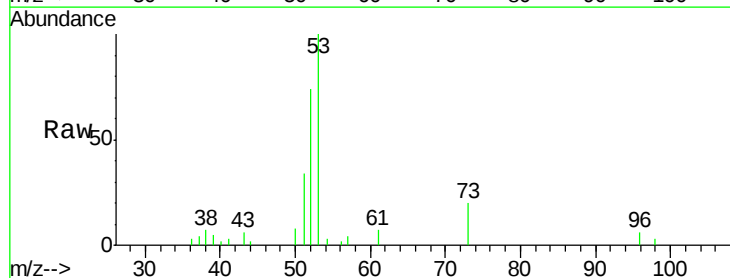
Manual Integrations
 APPROVED

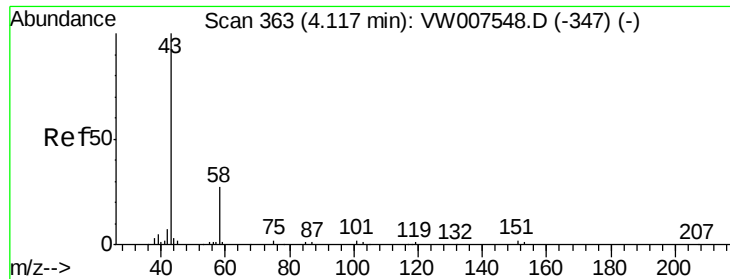
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#15
 Acrylonitrile
 Concen: 293.406 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.4	101.2
51	38.6	30.2	45.2





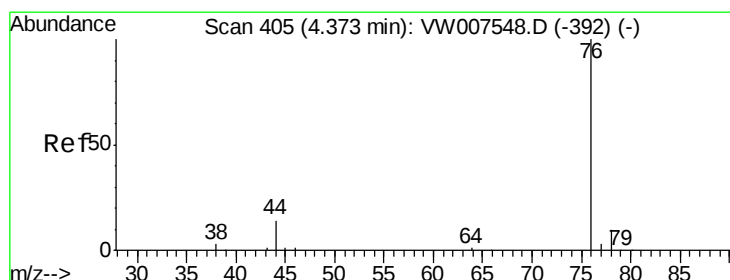
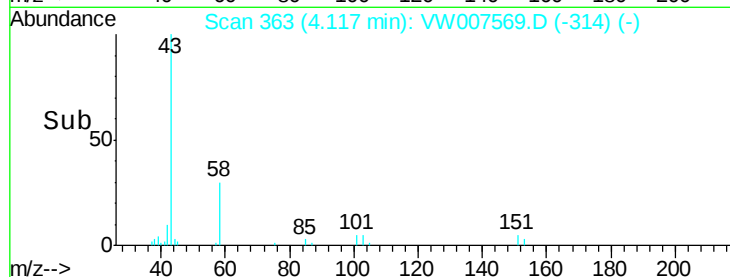
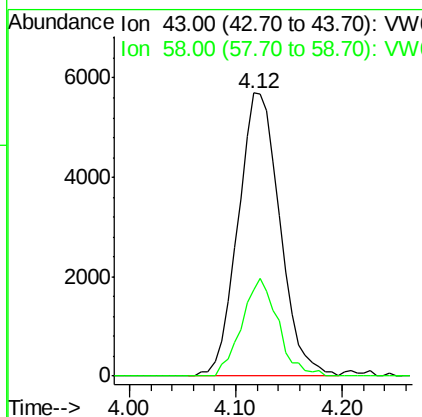
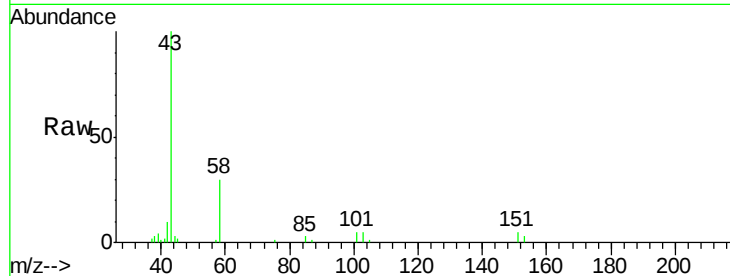
#16
Acetone
Concen: 515.222 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 15722
Ion Ratio Lower Upper
43 100
58 30.4 24.9 37.3

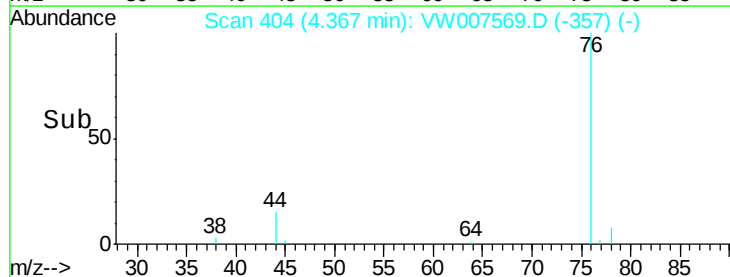
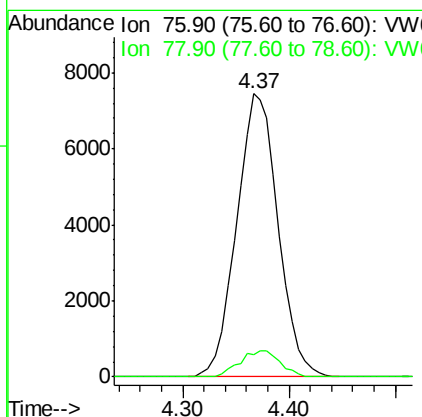
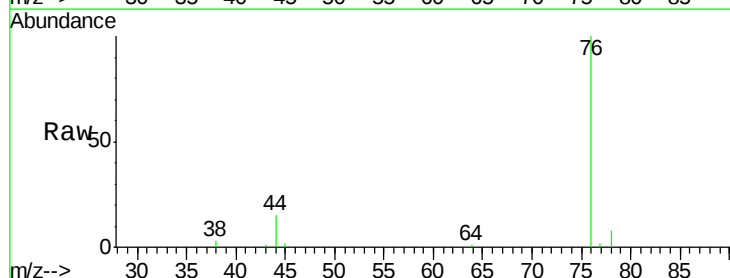
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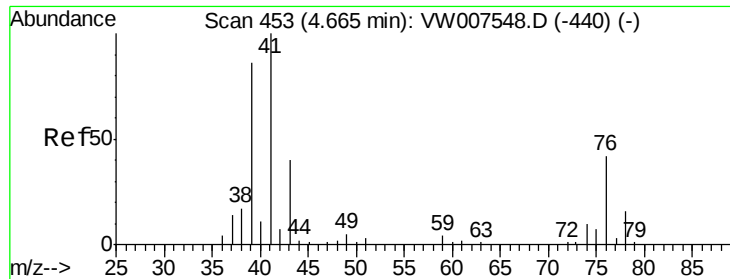
apatel
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#17
Carbon Disulfide
Concen: 43.239 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 76 Resp: 20252
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7





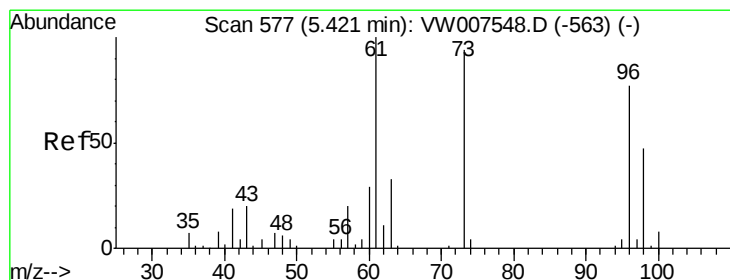
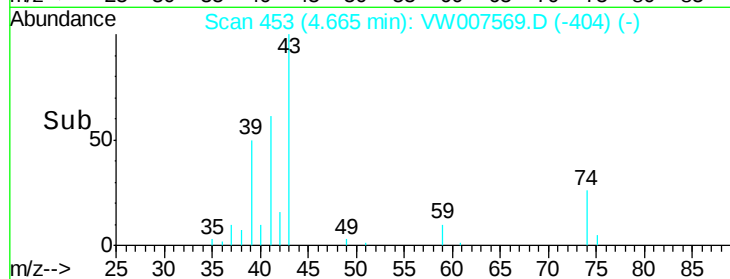
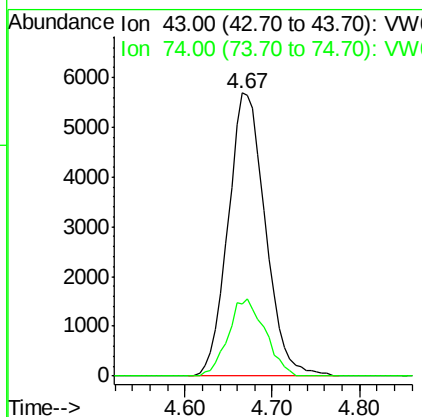
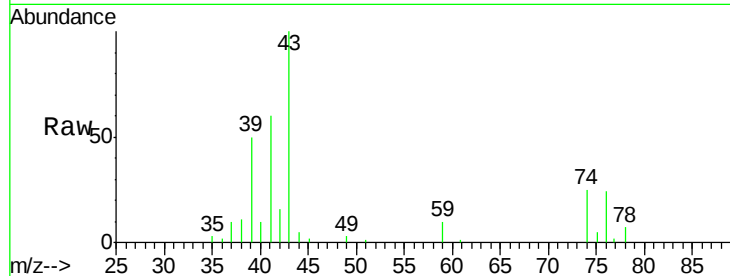
#18
Methyl Acetate
Concen: 203.379 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 43 Resp: 16844
Ion Ratio Lower Upper
43 100
74 27.0 21.1 31.7

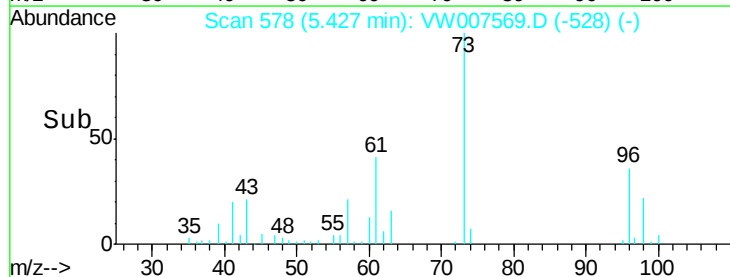
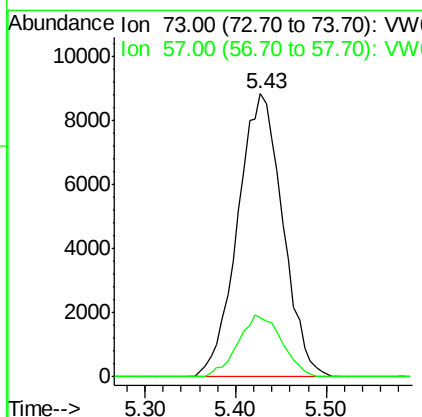
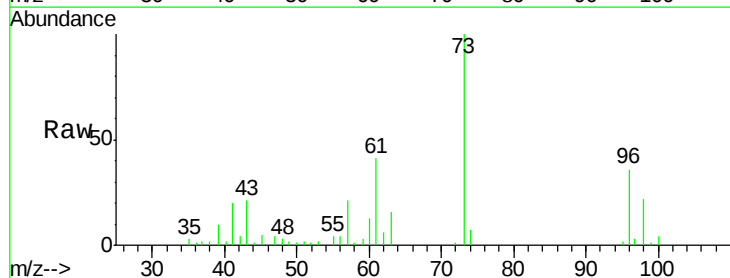
Manual Integrations
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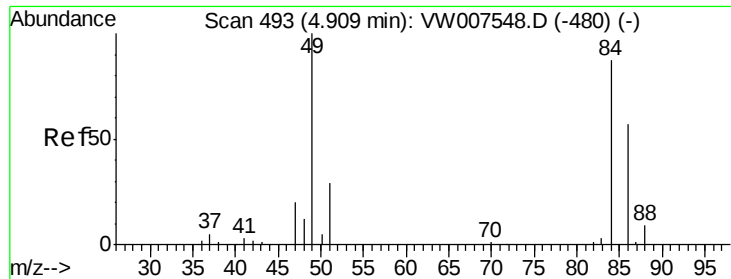
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#19
Methyl tert-butyl Ether
Concen: 130.737 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 73 Resp: 30466
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6





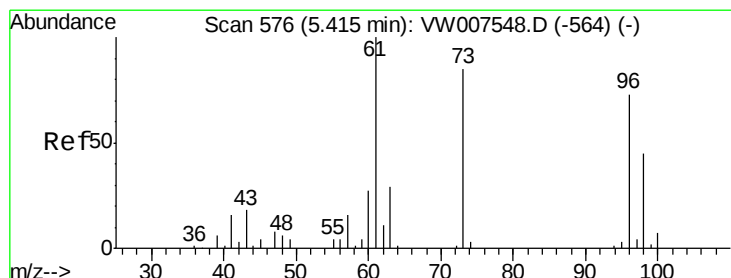
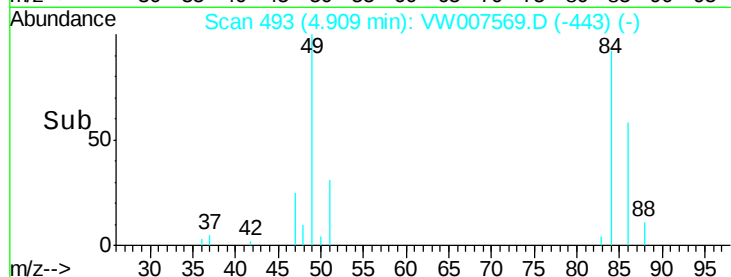
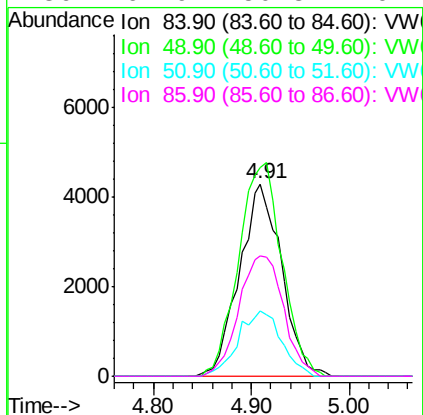
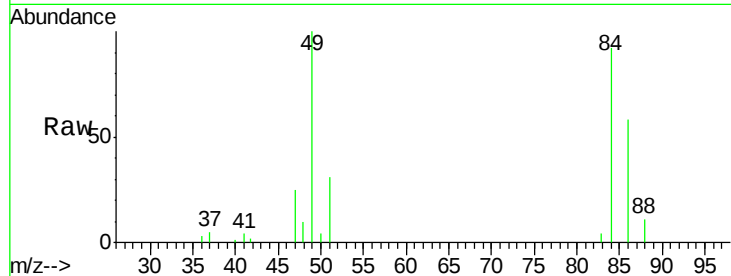
#20
Methylene Chloride
Concen: 79.333 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.2	87.1	130.7
51	33.7	28.2	42.2
86	62.9	50.8	76.2

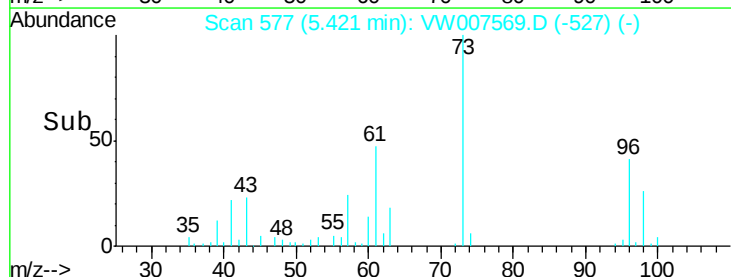
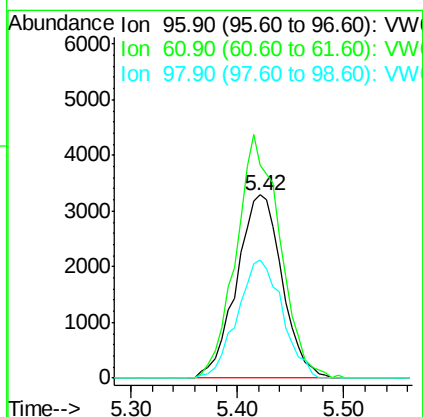
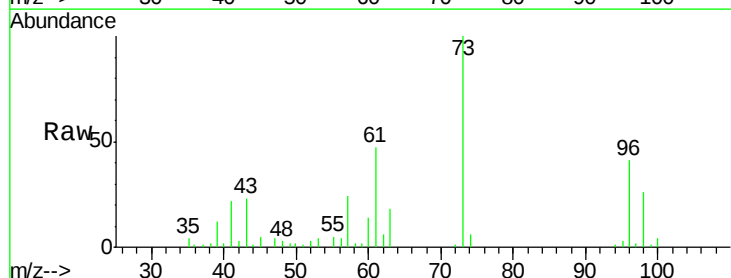
Manual Integrations
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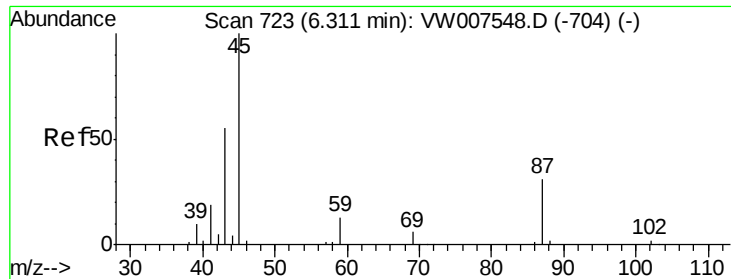
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#21
trans-1,2-Dichloroethene
Concen: 56.932 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.1	105.0	157.6
98	64.4	49.7	74.5





#22

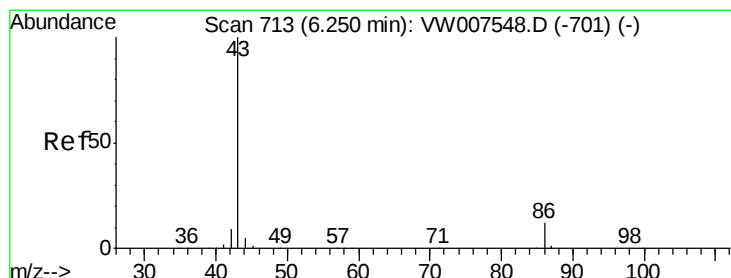
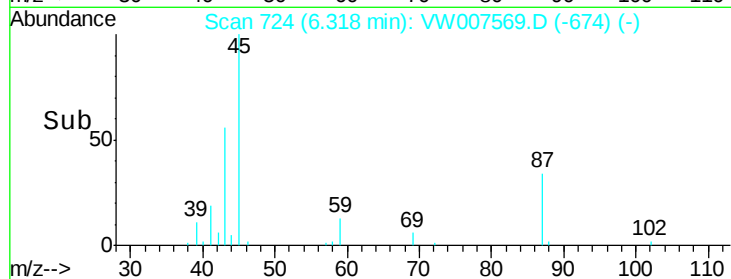
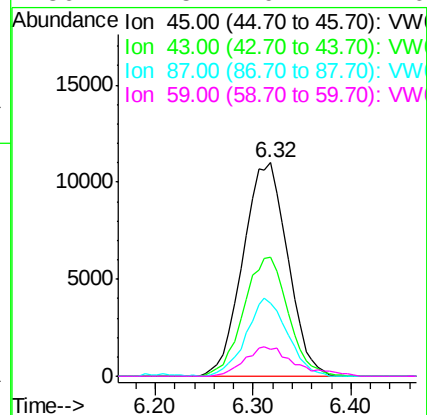
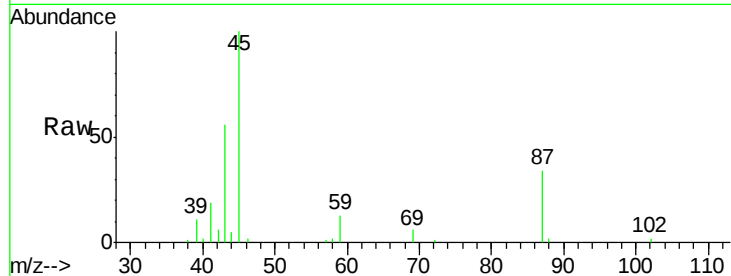
Diisopropyl ether
Concen: 79.775 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	41.6	62.4
87	34.0	24.3	36.5
59	12.5	9.4	14.0

Manual Integrations
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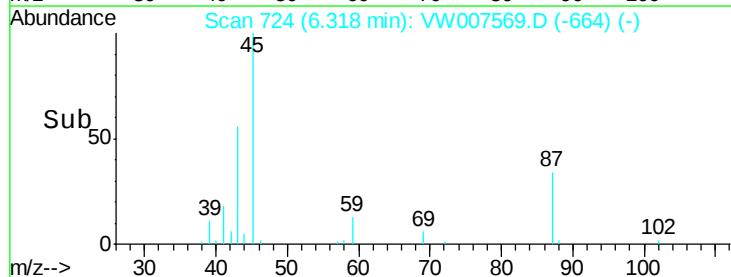
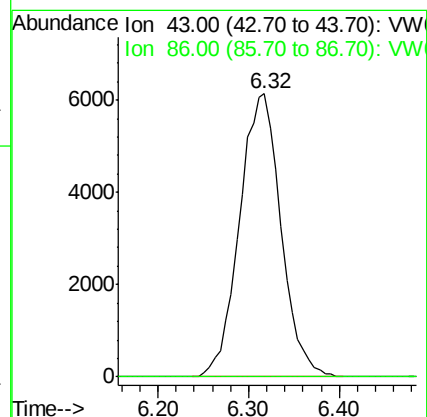
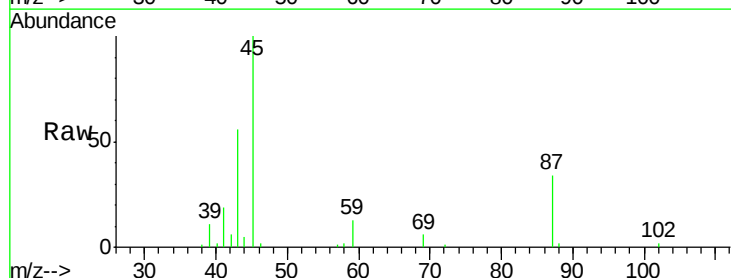
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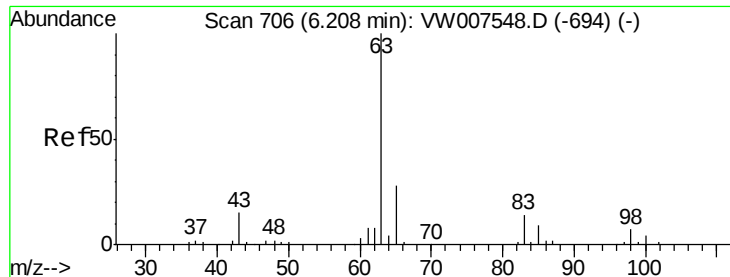


#23

Vinyl Acetate
Concen: 79.281 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.07 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#





#24

1,1-Dichloroethane

Concen: 64.570 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

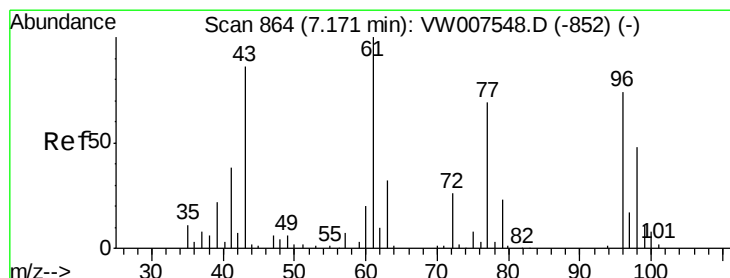
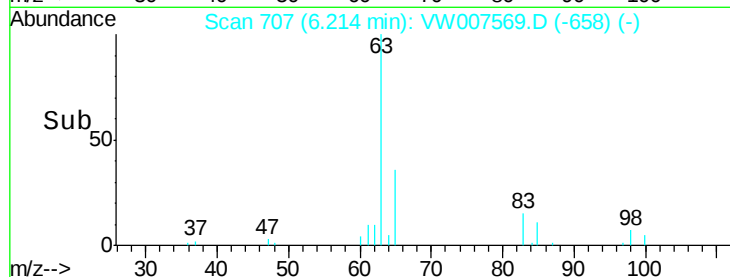
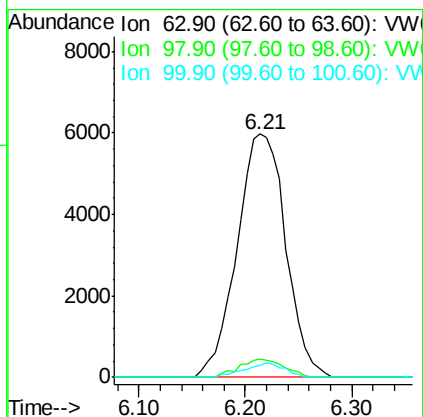
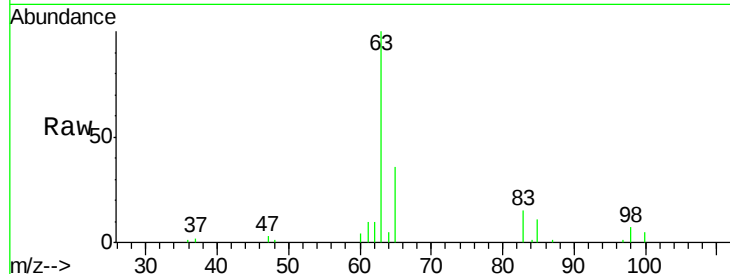
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	63	Resp:	19100
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.4
100	4.7	2.5	7.5

Manual Integrations
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#25

2-Butanone

Concen: 432.383 ug/l

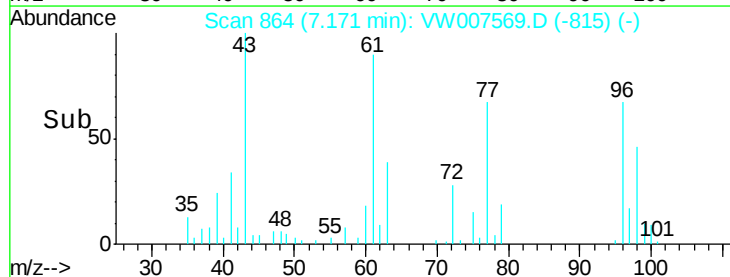
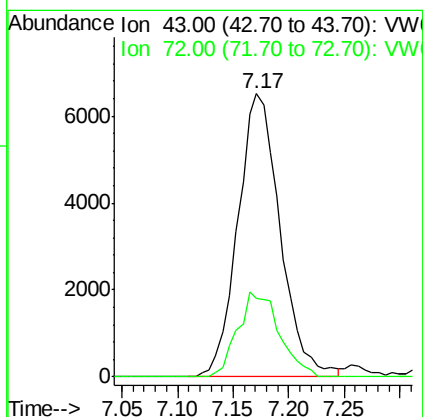
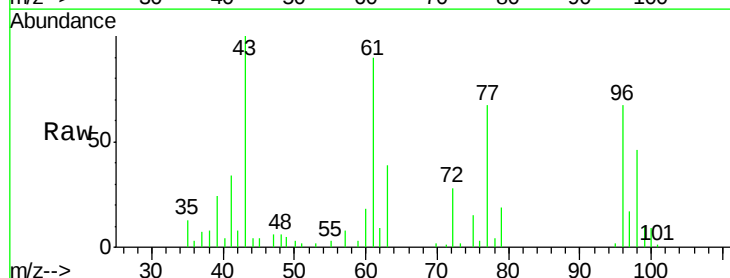
RT: 7.17 min Scan# 864

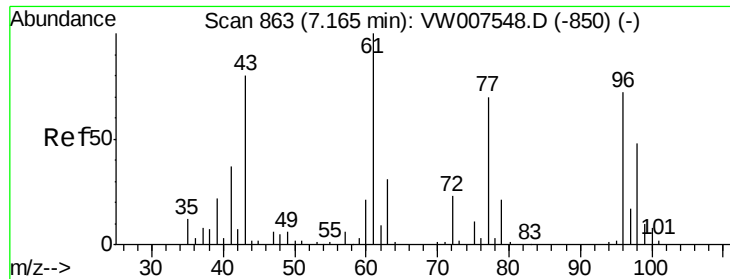
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	43	Resp:	17225
Ion	Ratio	Lower	Upper
43	100		
72	27.6	23.4	35.2





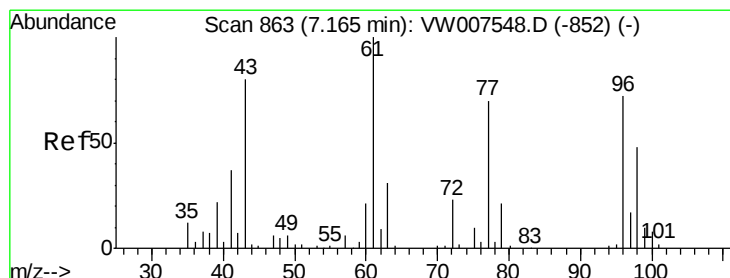
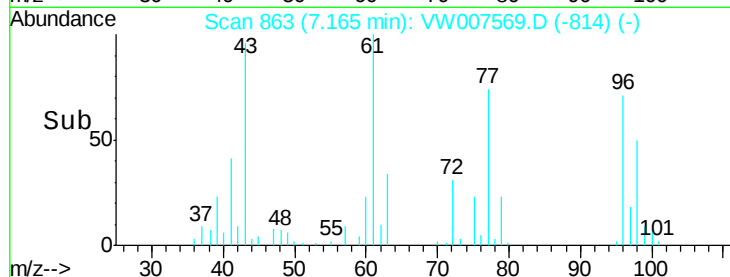
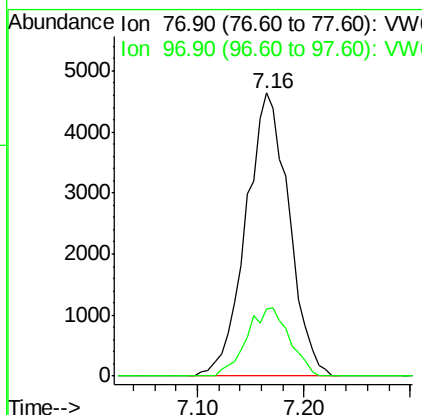
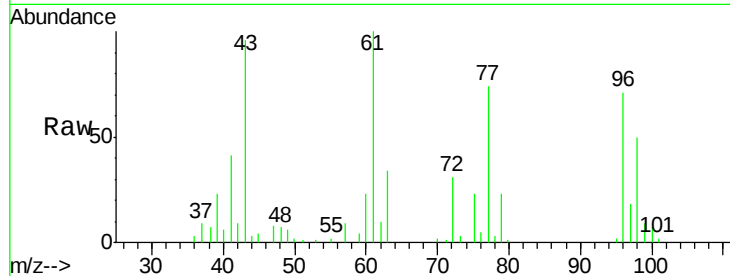
#26
 2,2-Dichloropropane
 Concen: 66.891 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 77 Resp: 13095
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.6 34.8

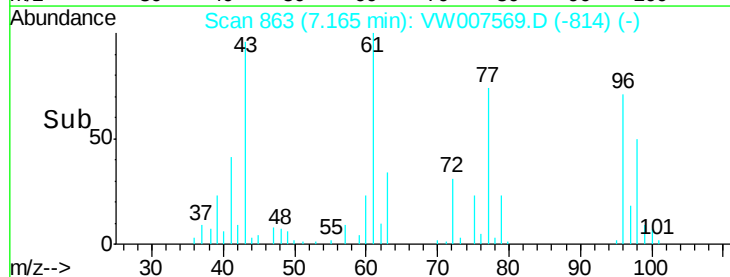
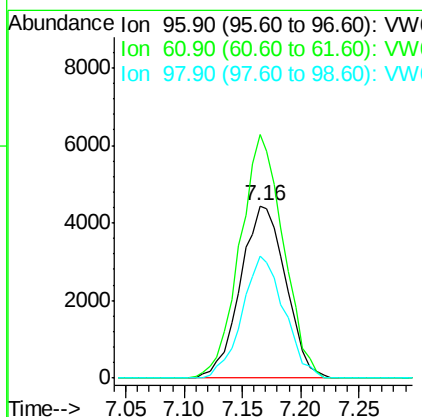
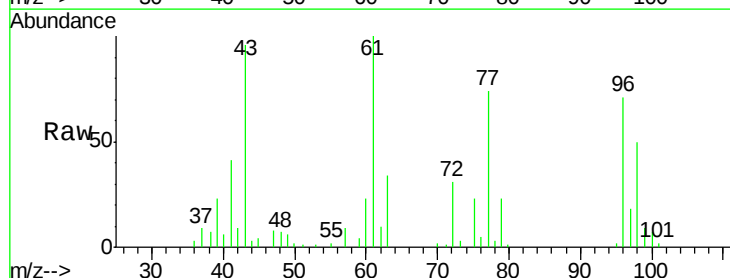
Manual Integrations
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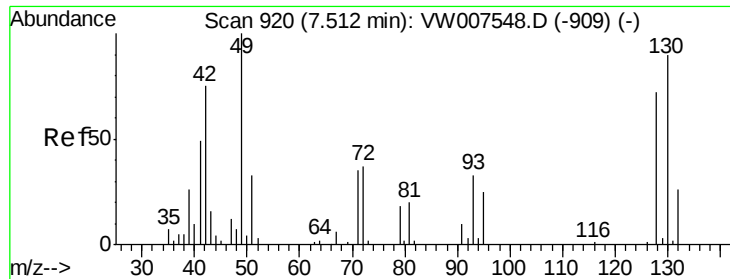
apatel
 12/17/2018 1:45:44 PM



#27
 cis-1,2-Dichloroethene
 Concen: 63.448 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion: 96 Resp: 12005
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 268.4
 98 65.9 0.0 127.8





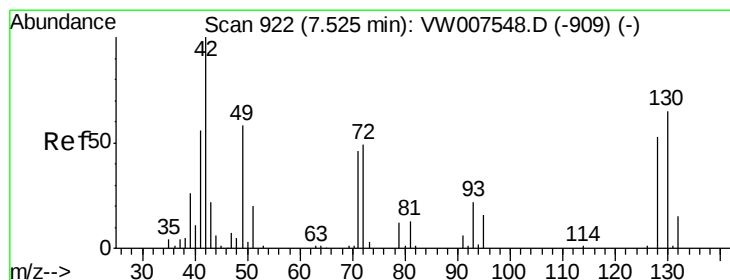
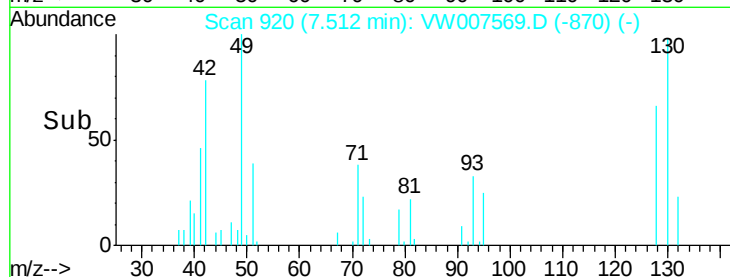
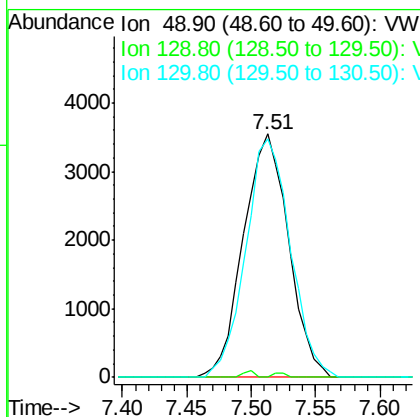
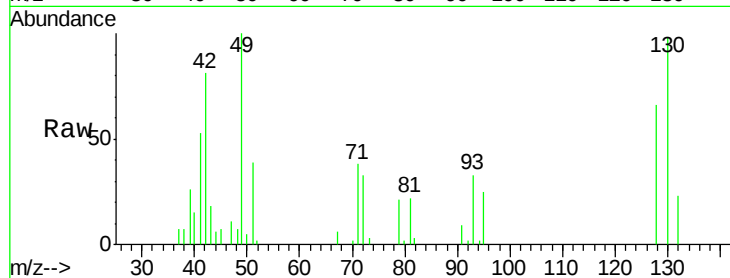
#28
Bromochloromethane
Concen: 77.303 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 49 Resp: 8601
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.6
130 97.2 75.9 113.9

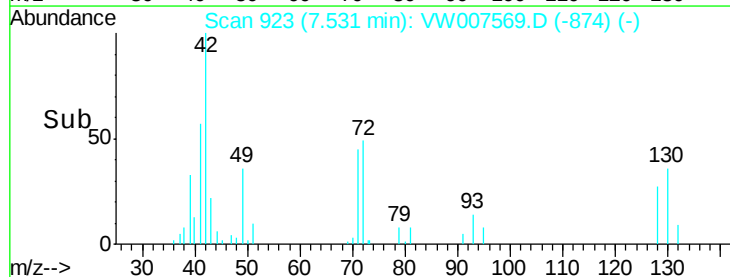
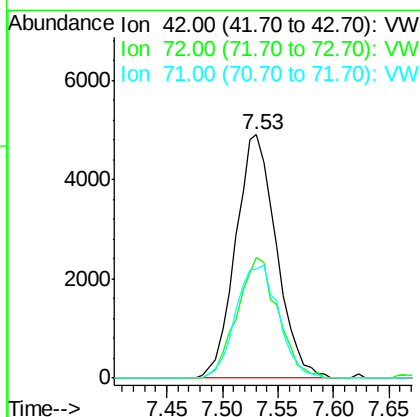
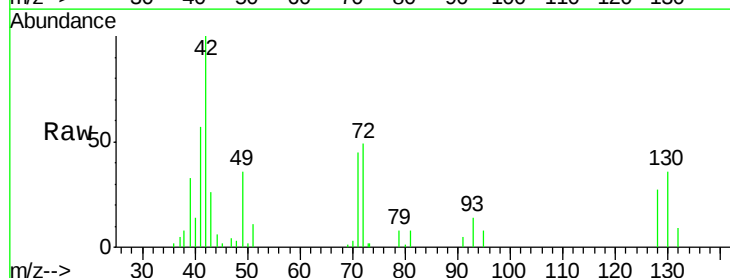
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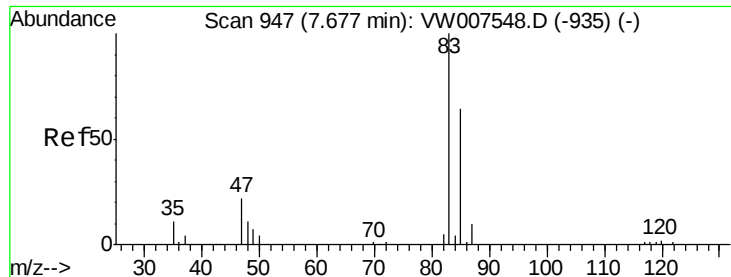
apatel
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#29
Tetrahydrofuran
Concen: 494.692 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 42 Resp: 12476
Ion Ratio Lower Upper
42 100
72 49.4 38.2 57.4
71 48.9 35.5 53.3





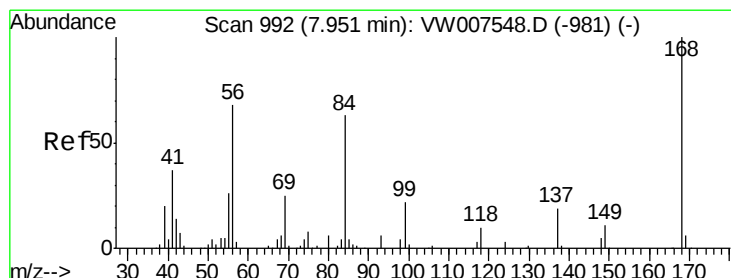
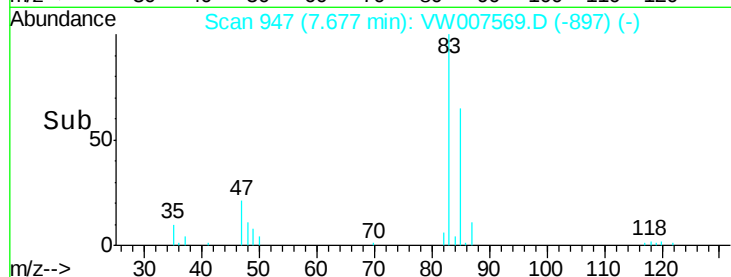
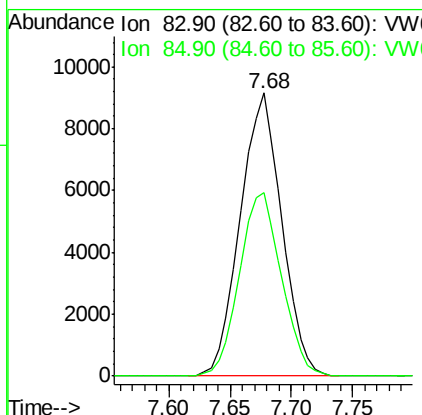
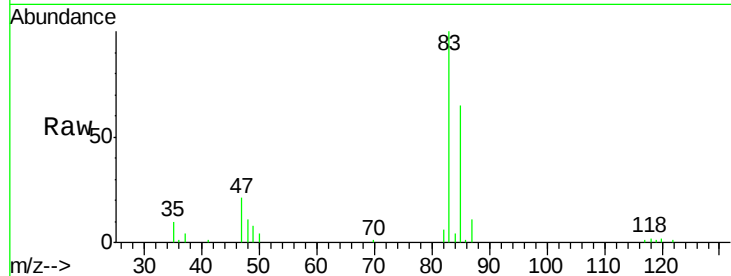
#30
Chloroform
Concen: 67.132 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 83 Resp: 21610
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8

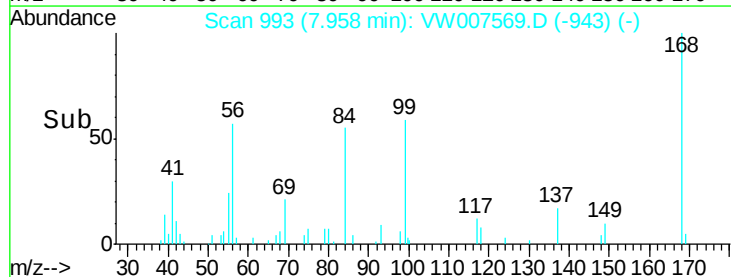
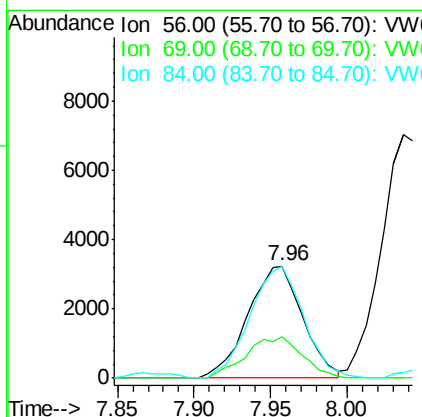
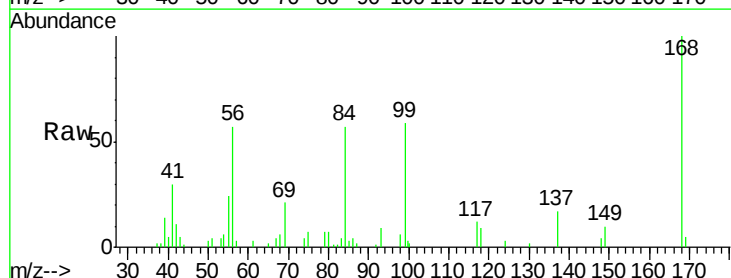
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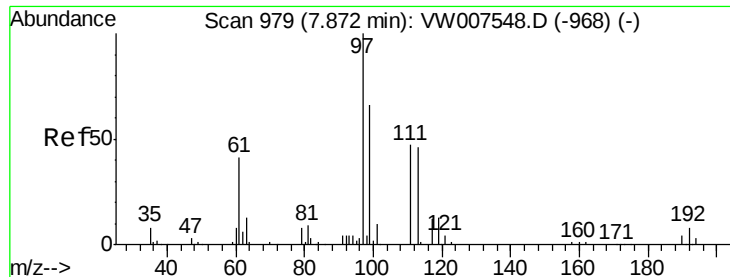
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#31
Cyclohexane
Concen: 29.614 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 56 Resp: 8037
Ion Ratio Lower Upper
56 100
69 36.3 28.9 43.3
84 99.5 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 57.746 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

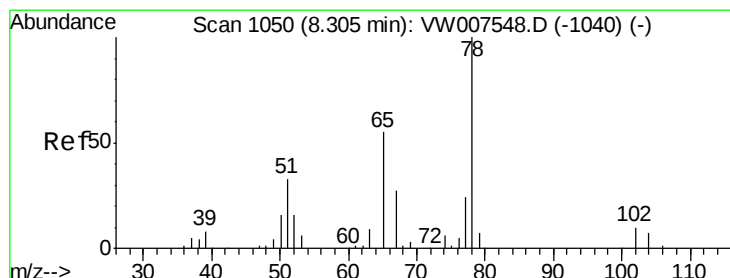
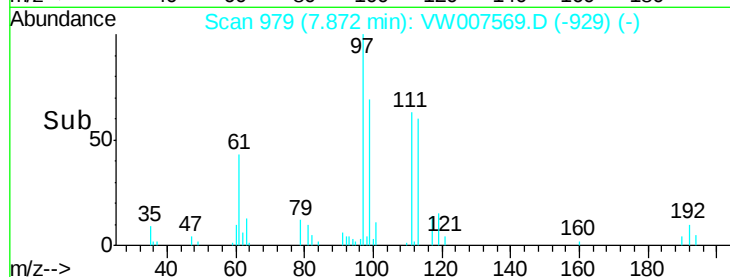
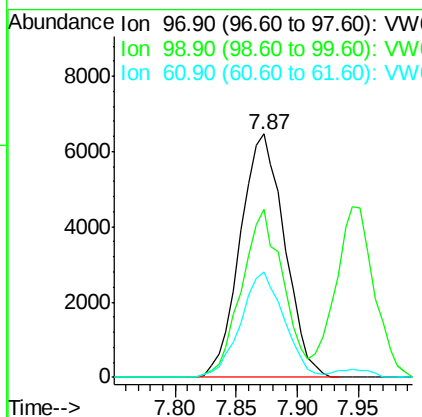
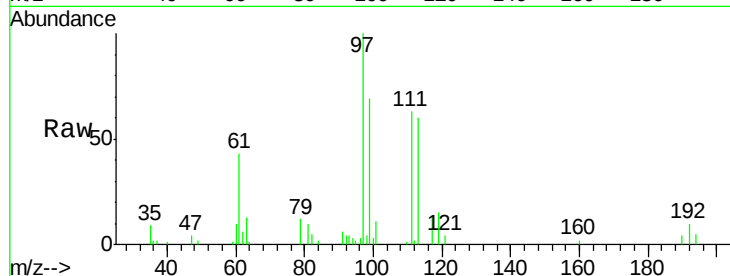
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	97	Resp:	16301
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	42.2	33.2	49.8

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#33

1,2-Dichloroethane-d4

Concen: 86.565 ug/l

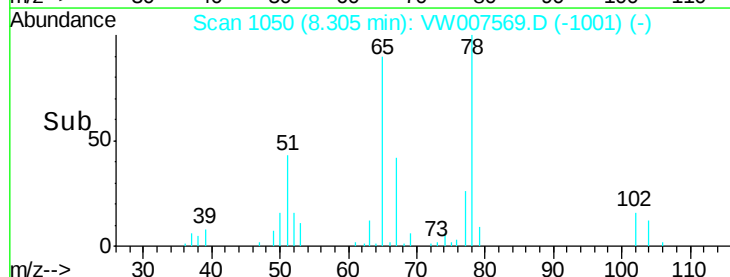
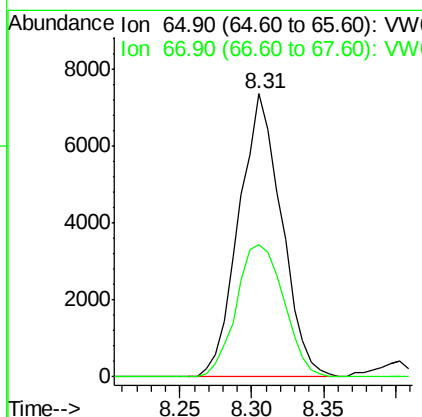
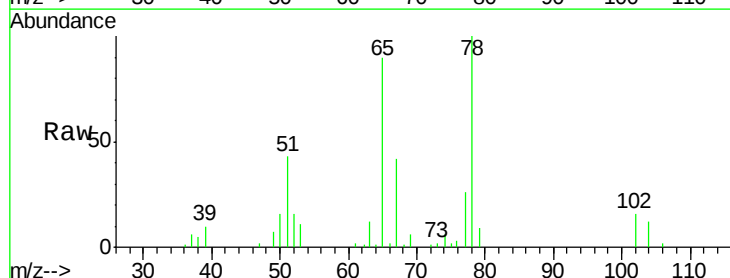
RT: 8.31 min Scan# 1050

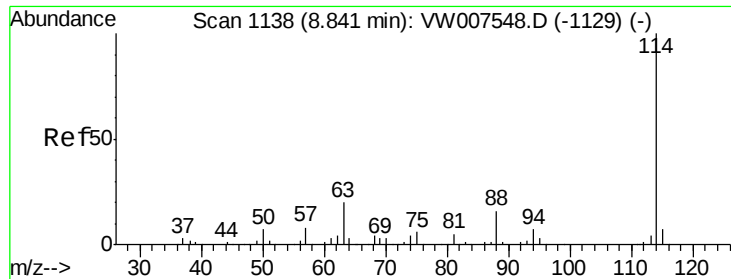
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	65	Resp:	15123
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.6





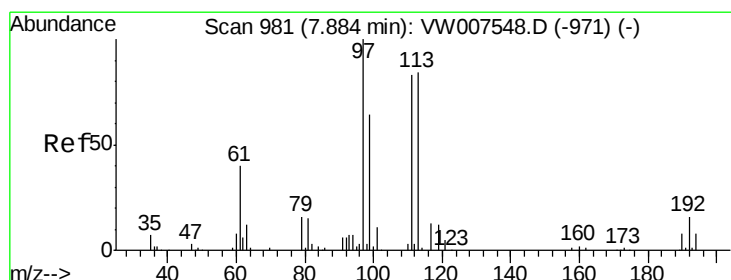
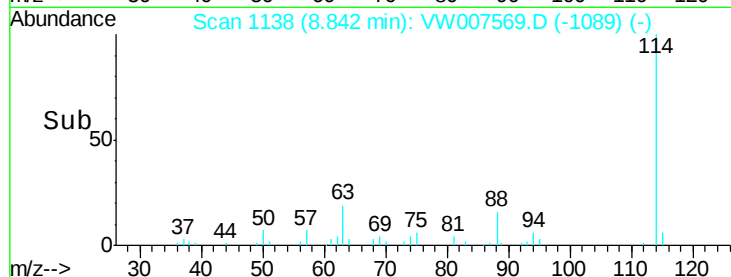
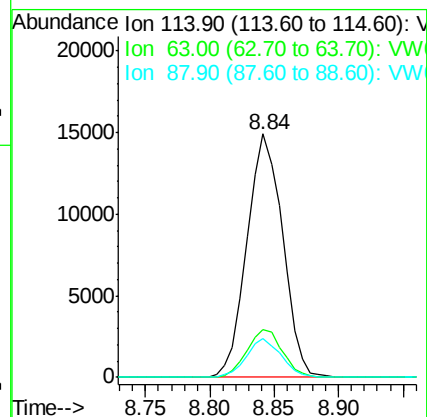
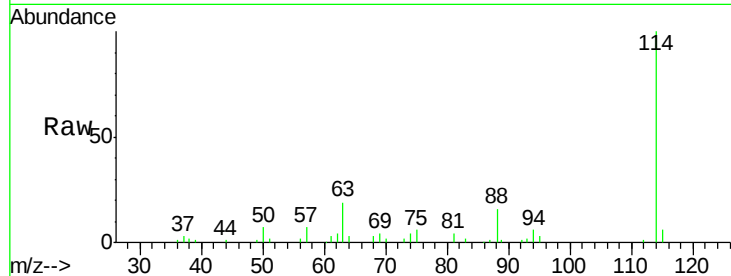
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	28569		
63	19.4		0.0	39.6
88	16.0		0.0	31.4

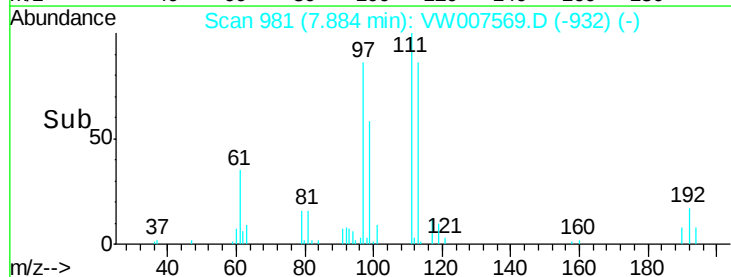
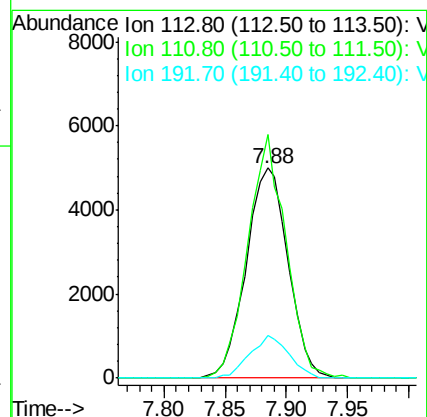
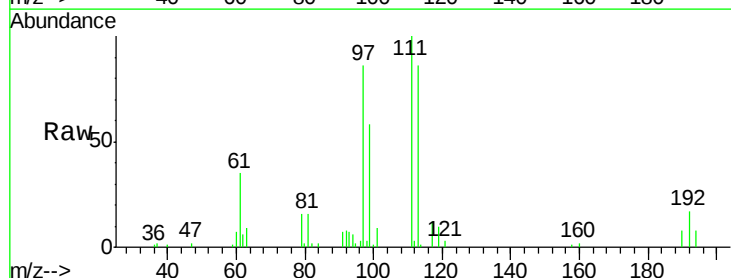
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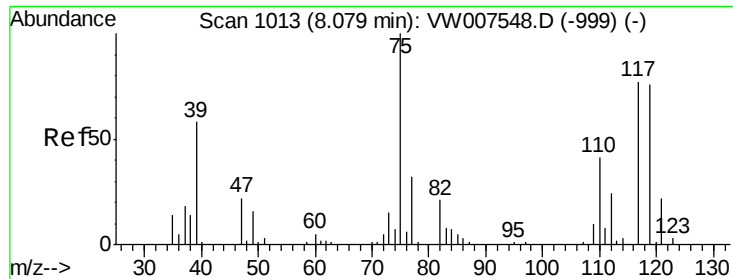
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#35
 Dibromofluoromethane
 Concen: 68.972 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	11928		
111	105.4		81.1	121.7
192	19.0		14.6	21.8





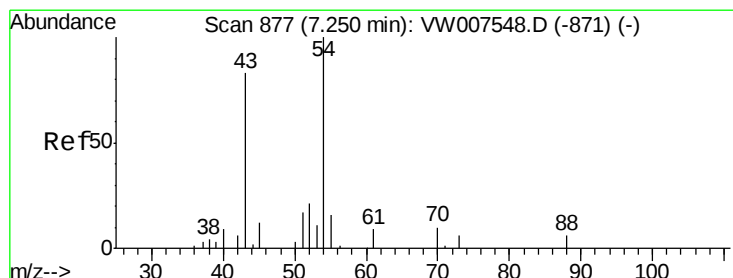
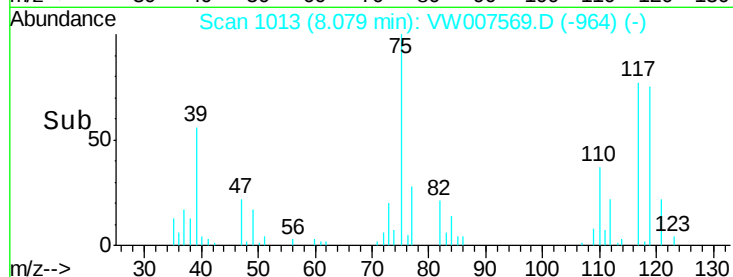
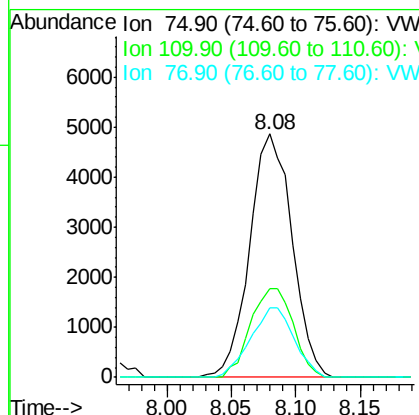
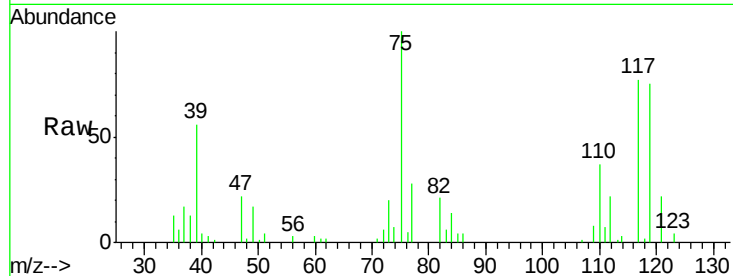
#36
 1,1-Dichloropropene
 Concen: 42.522 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.5	55.5
77	29.3	25.6	38.4

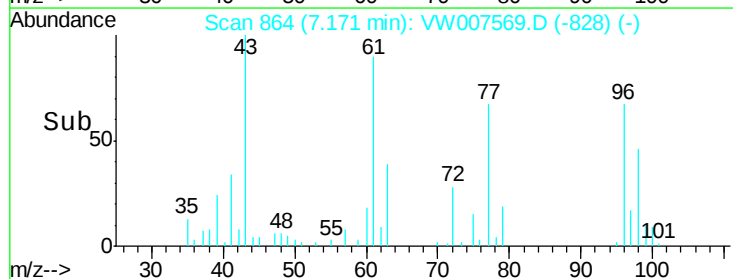
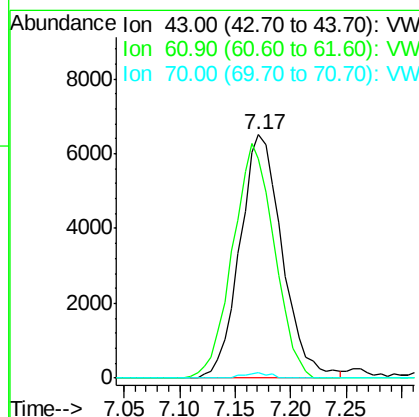
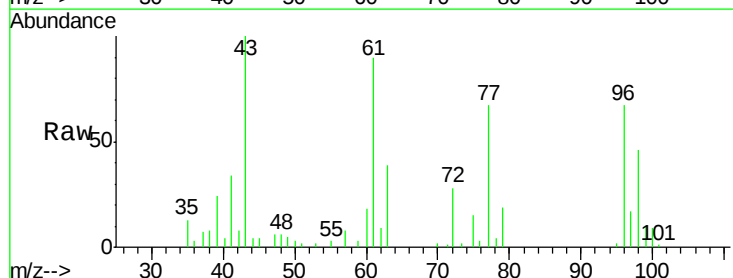
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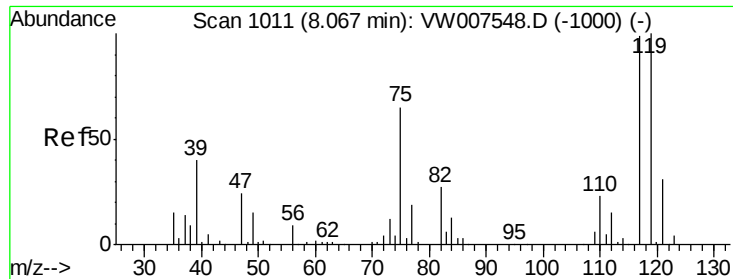
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#37
 Ethyl Acetate
 Concen: 177.701 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	94.4	12.1	18.1#
70	1.3	10.0	15.0#





#38

Carbon Tetrachloride

Concen: 44.292 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

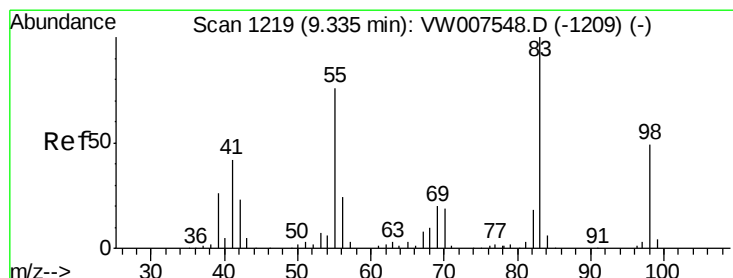
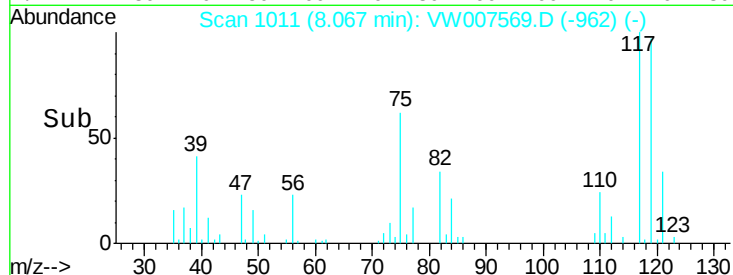
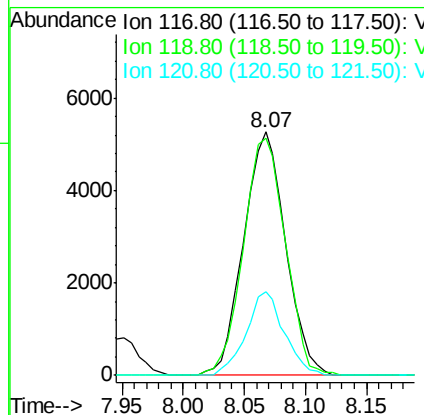
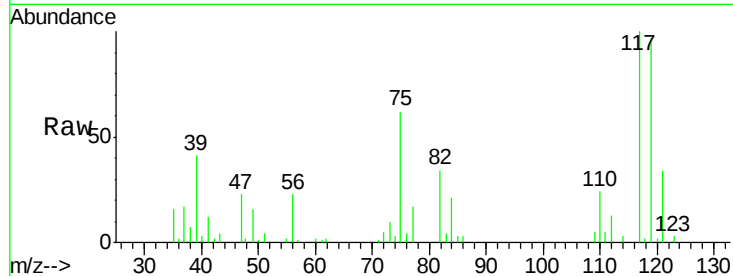
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	117	Resp:	12560
Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.3	111.5
121	34.4	24.3	36.5

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#39

Methylcyclohexane

Concen: 18.997 ug/l

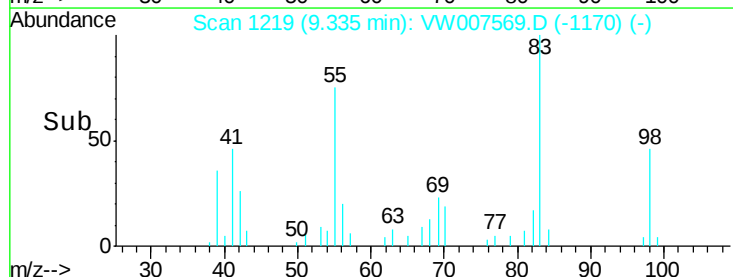
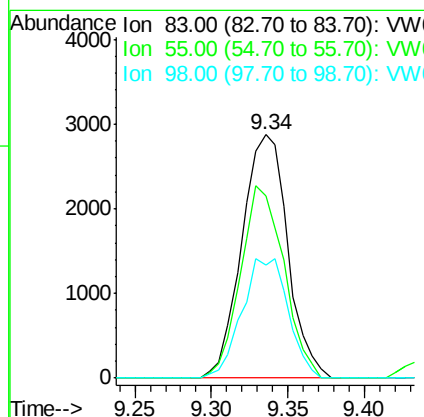
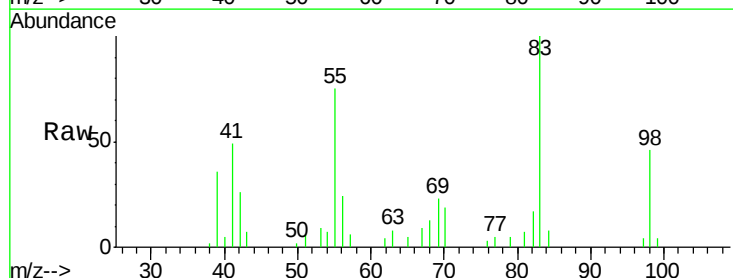
RT: 9.34 min Scan# 1219

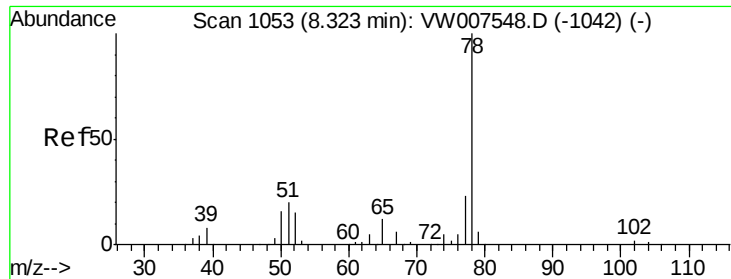
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	83	Resp:	5995
Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.8	94.2
98	46.3	42.2	63.2





#40

Benzene

Concen: 56.674 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 78 Resp: 40990

Ion Ratio Lower Upper

78 100

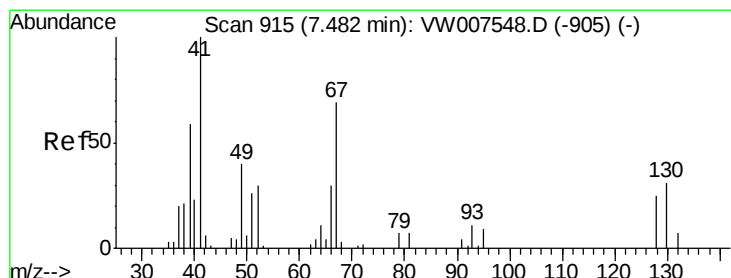
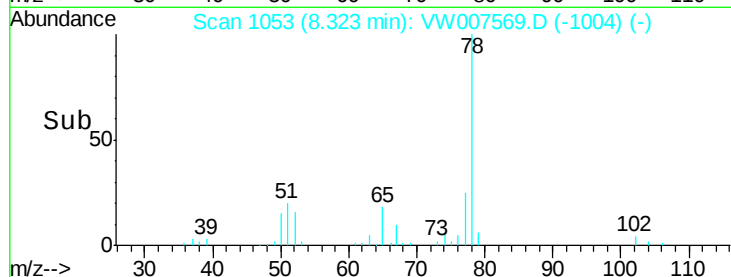
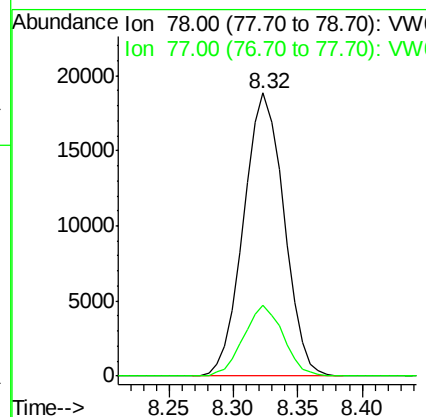
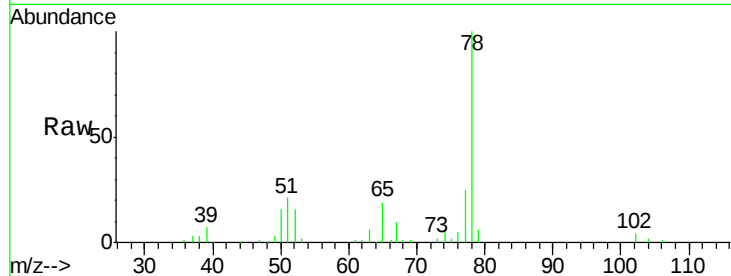
77 25.0 18.8 28.2

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#41

Methacrylonitrile

Concen: 32.392 ug/l m

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion: 41 Resp: 1788

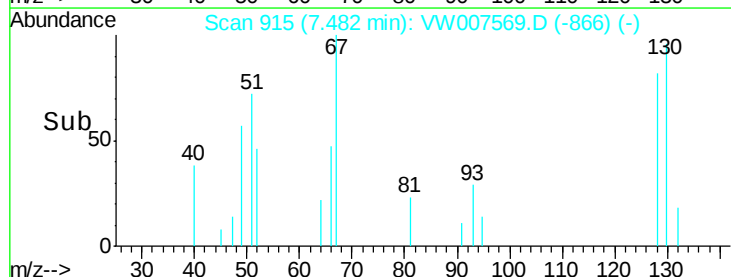
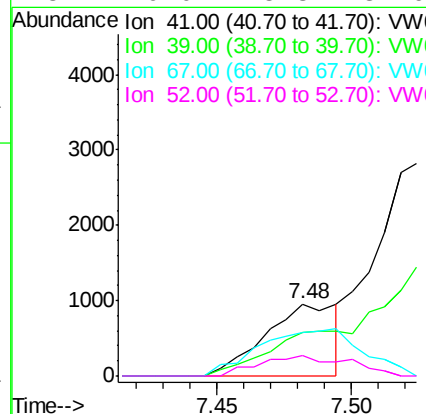
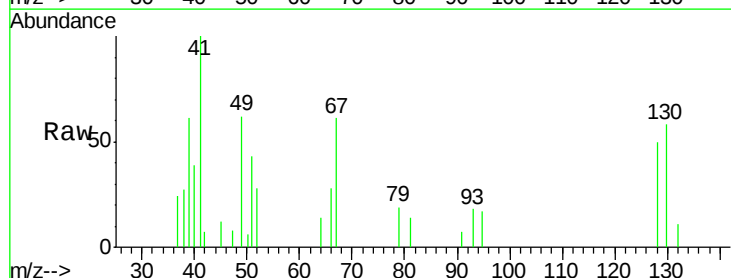
Ion Ratio Lower Upper

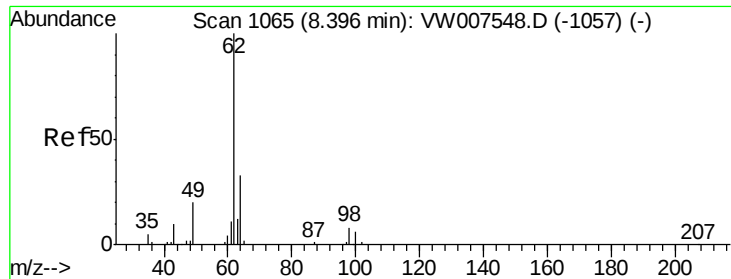
41 100

39 293.8 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#





#42

1,2-Dichloroethane

Concen: 79.161 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

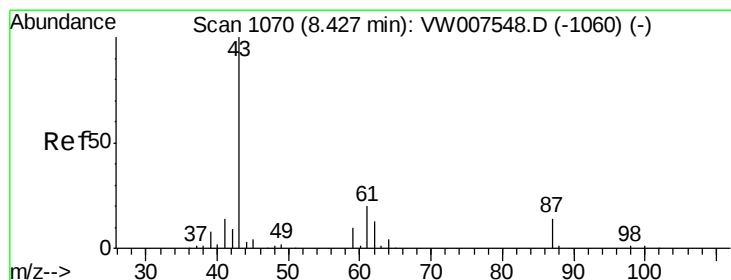
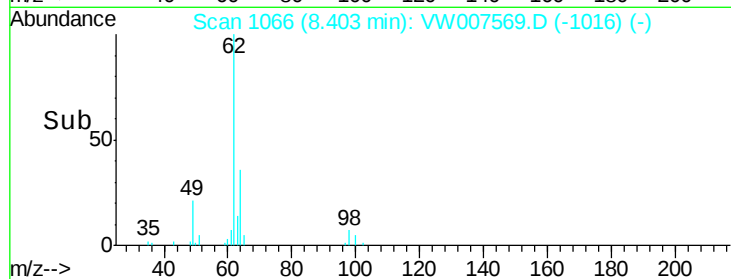
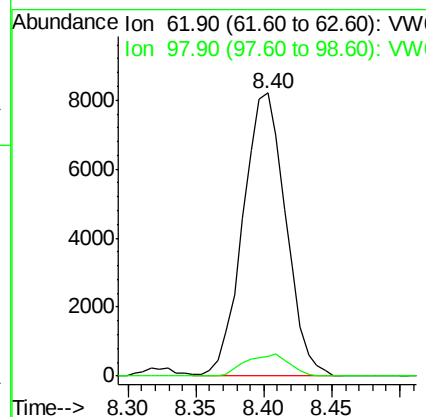
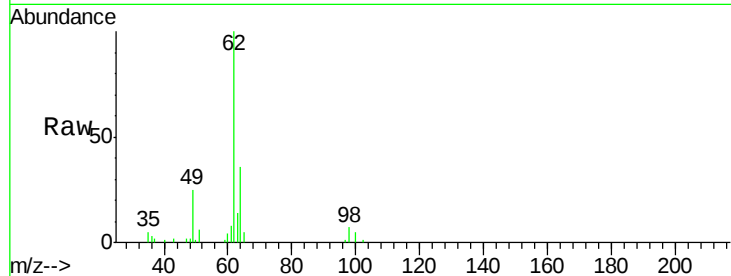
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	17985		
98	8.0	0.0	0.0	17.6

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#43

Isopropyl Acetate

Concen: 9.411 ug/l

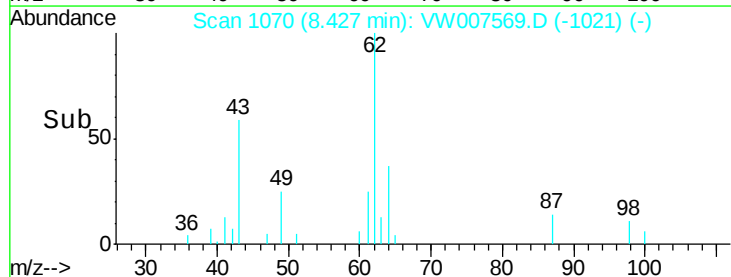
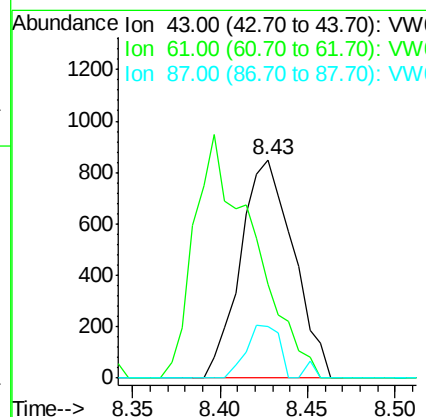
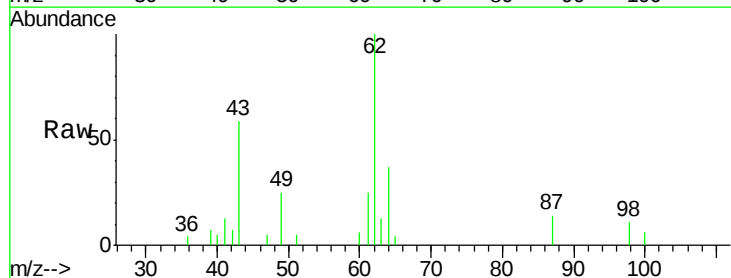
RT: 8.43 min Scan# 1070

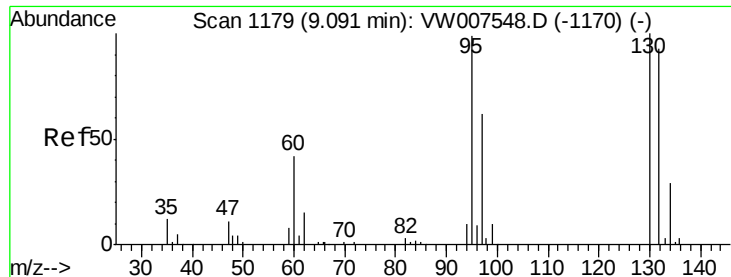
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1802		
61	0.0	25.3	37.9#	
87	14.8	11.8	17.8	





#44

Trichloroethene

Concen: 47.315 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 130 Resp: 9772

Ion Ratio Lower Upper

130 100

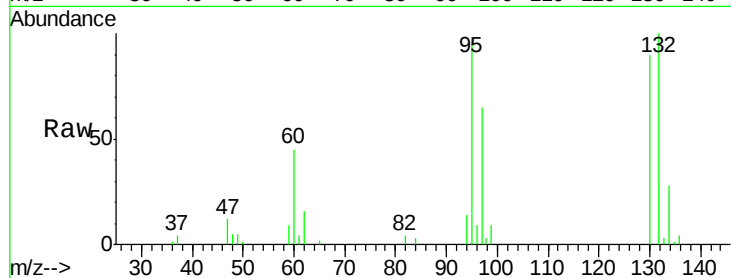
95 108.9 0.0 193.2

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

6000

5000

4000

3000

2000

1000

0

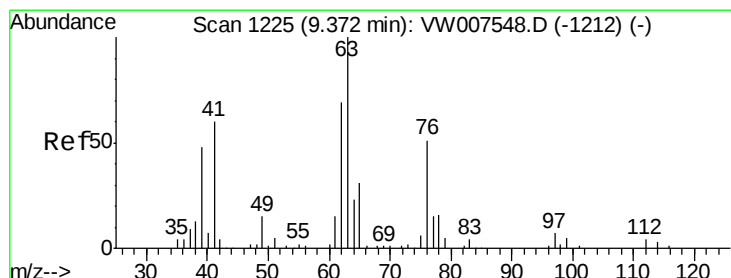
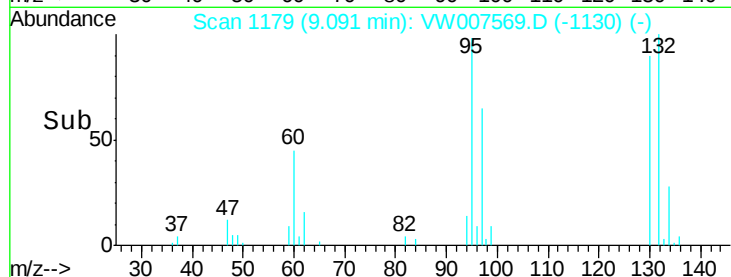
9.09

9.05

9.10

9.15

Time-->



#45

1,2-Dichloropropane

Concen: 67.007 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007569.D

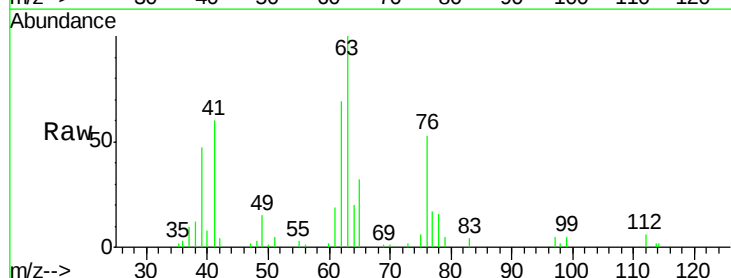
Acq: 15 Dec 2018 07:58

Tgt Ion: 63 Resp: 11215

Ion Ratio Lower Upper

63 100

65 32.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

6000

4000

2000

0

9.37

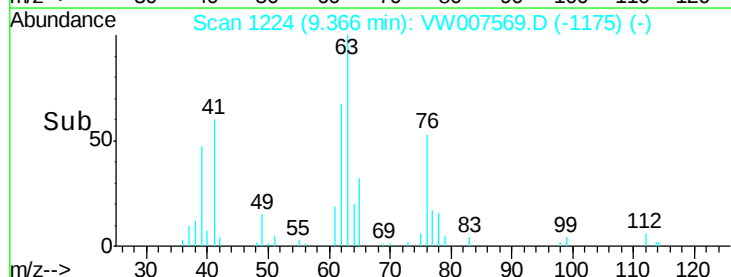
9.30

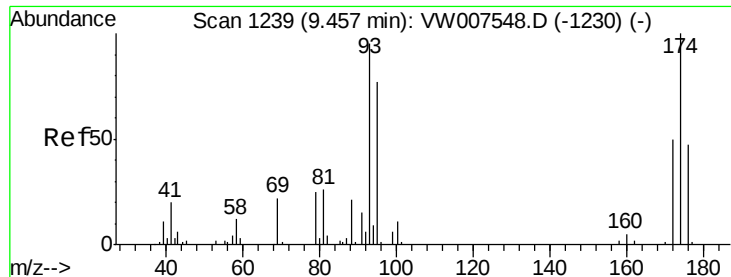
9.35

9.40

9.45

Time-->





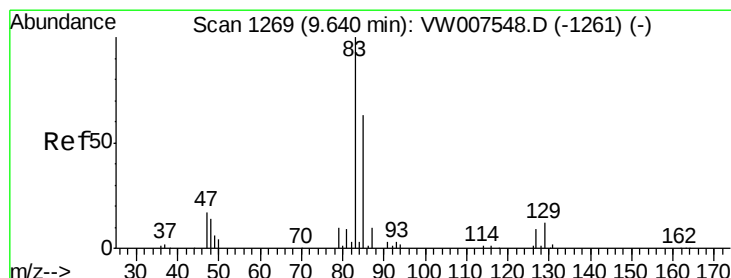
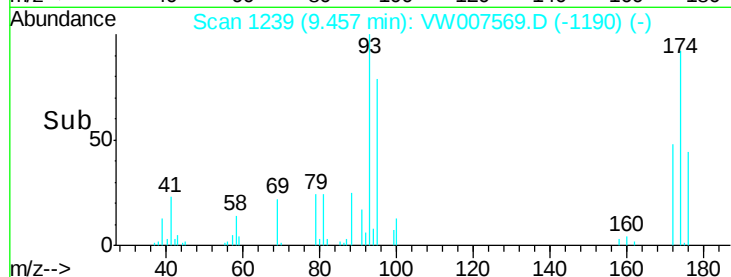
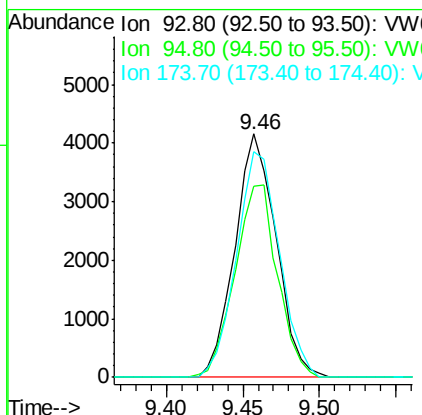
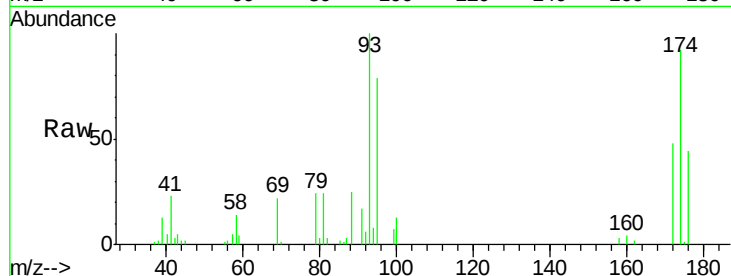
#46
Dibromomethane
Concen: 82.149 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 93 Resp: 7808
Ion Ratio Lower Upper
93 100
95 81.1 68.0 102.0
174 96.1 83.2 124.8

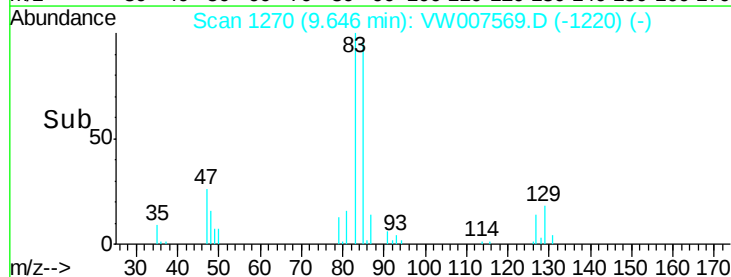
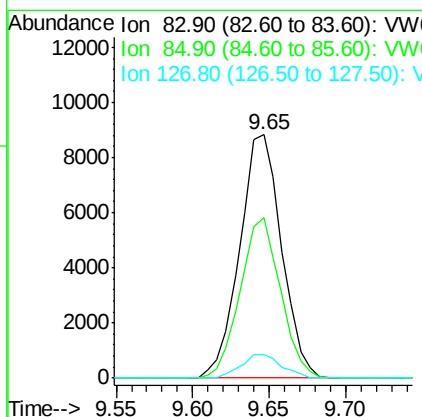
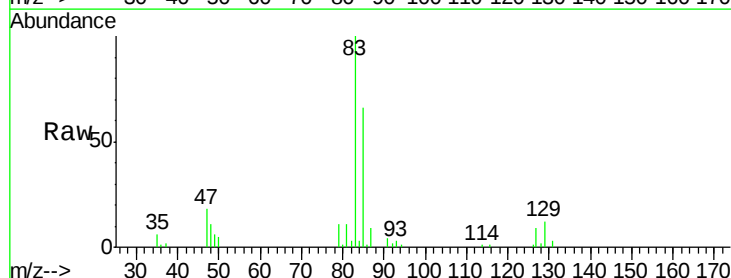
Manual Integrations
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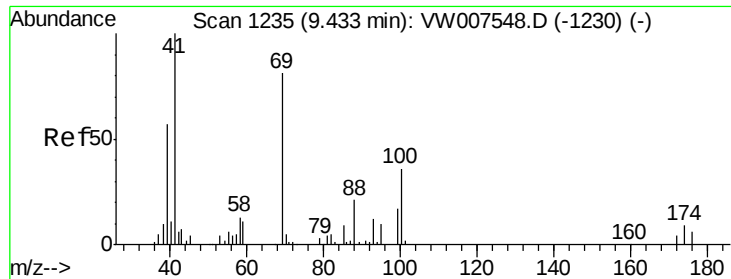
apatel
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#47
Bromodichloromethane
Concen: 67.250 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 83 Resp: 16766
Ion Ratio Lower Upper
83 100
85 66.1 47.6 71.4
127 9.5 6.7 10.1





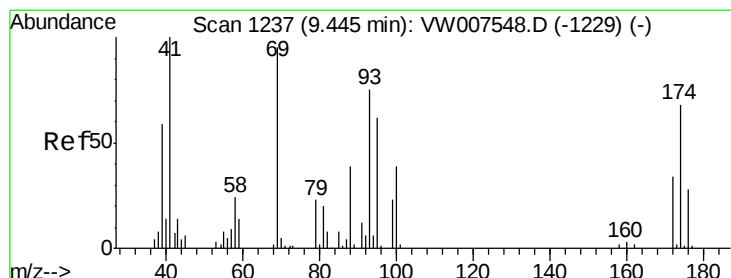
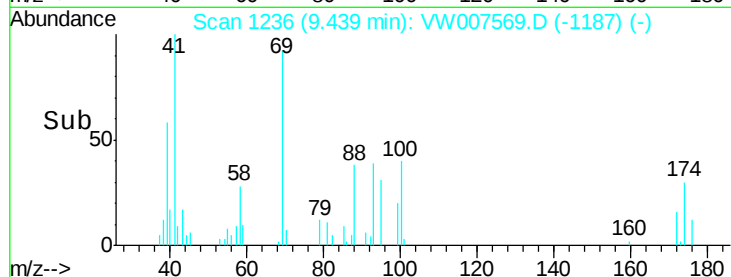
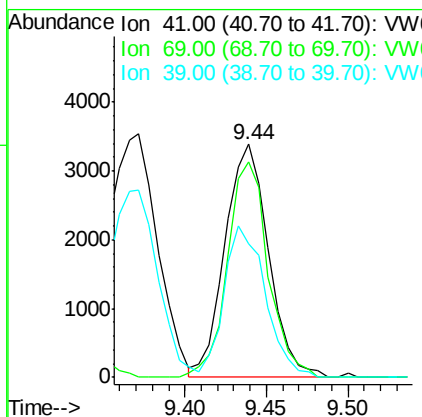
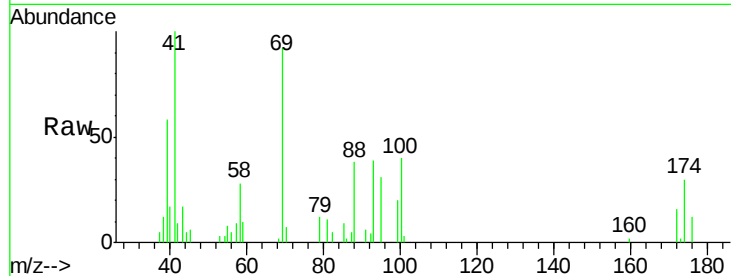
#48
Methyl methacrylate
Concen: 64.300 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 41 Resp: 6323
Ion Ratio Lower Upper
41 100
69 86.3 69.8 104.8
39 61.4 50.9 76.3

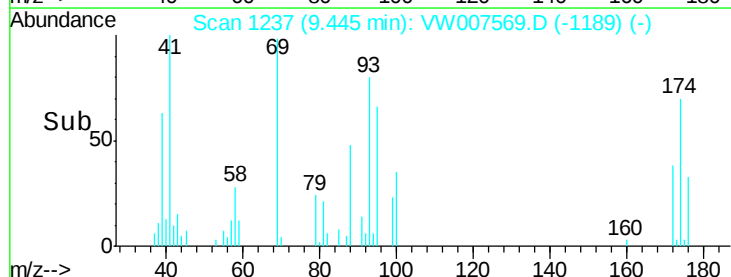
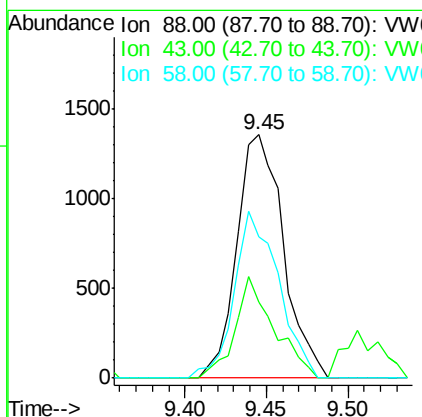
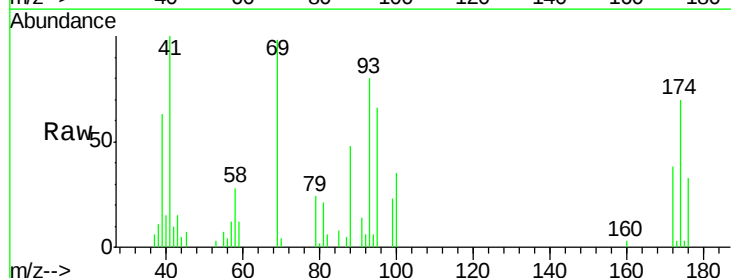
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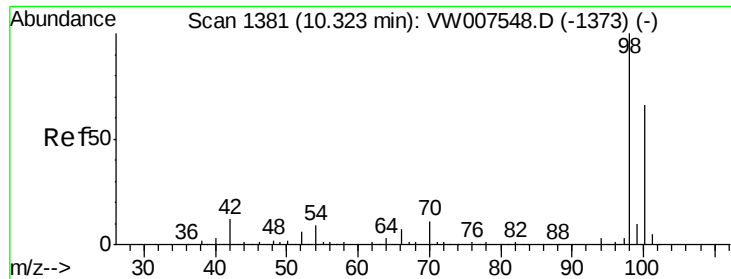
apatel
12/17/2018 1:45:44 PM



#49
1,4-Dioxane
Concen: 1741.019 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 88 Resp: 2685
Ion Ratio Lower Upper
88 100
43 34.7 25.0 37.4
58 65.2 51.4 77.2





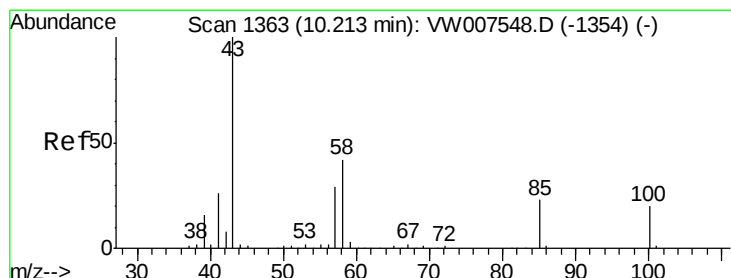
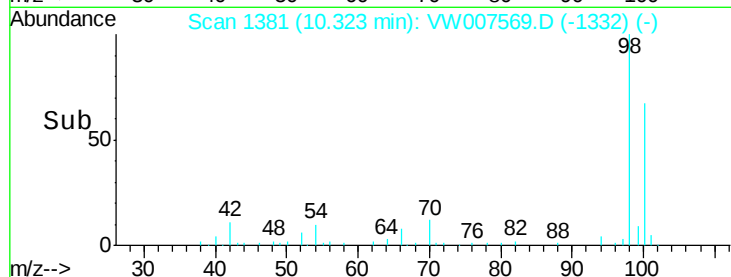
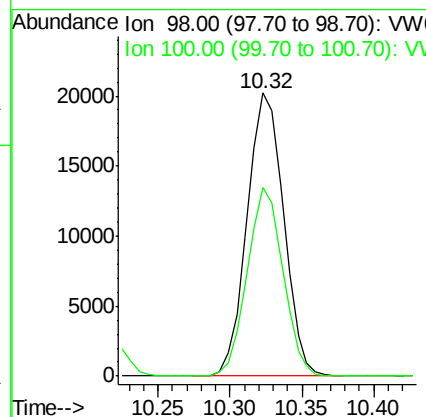
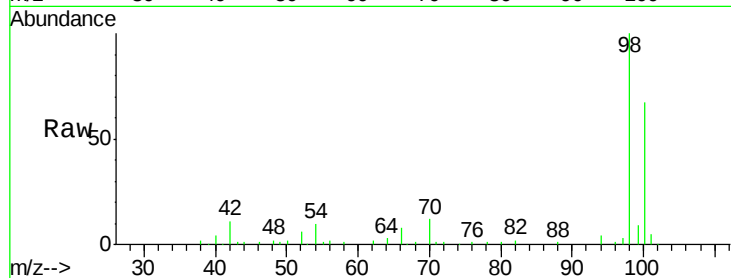
#50
Toluene-d8
Concen: 54.789 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 98 Resp: 35527
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8

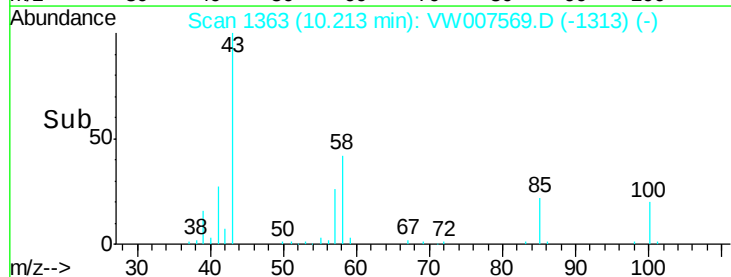
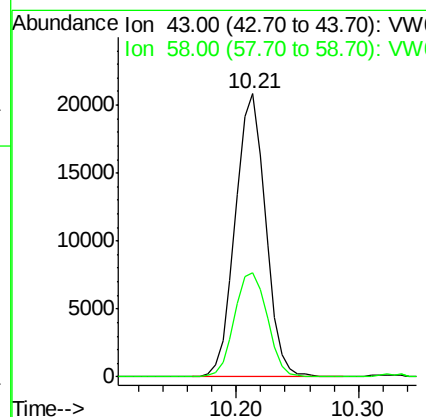
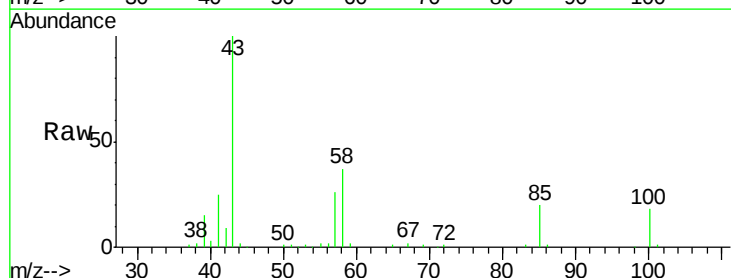
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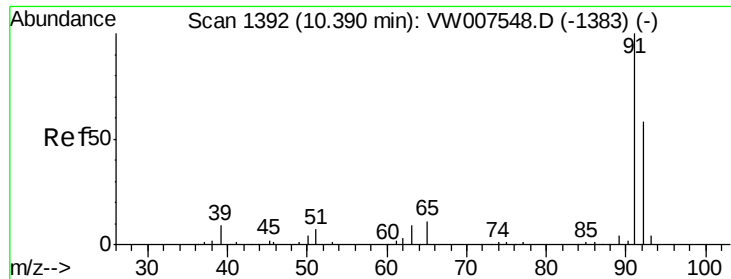
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#51
4-Methyl-2-Pentanone
Concen: 394.296 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 43 Resp: 35672
Ion Ratio Lower Upper
43 100
58 39.7 33.1 49.7





#52

Toluene

Concen: 51.569 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 92 Resp: 24137

Ion Ratio Lower Upper

92 100

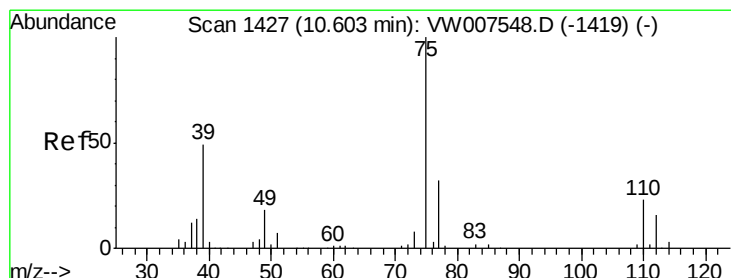
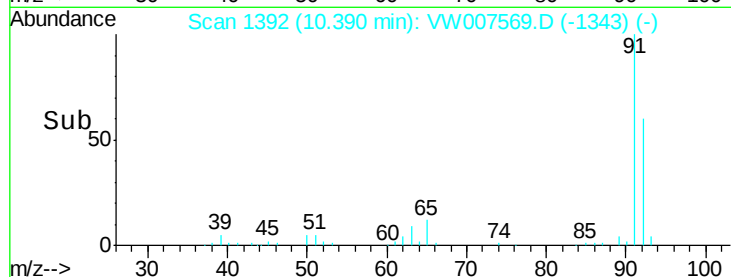
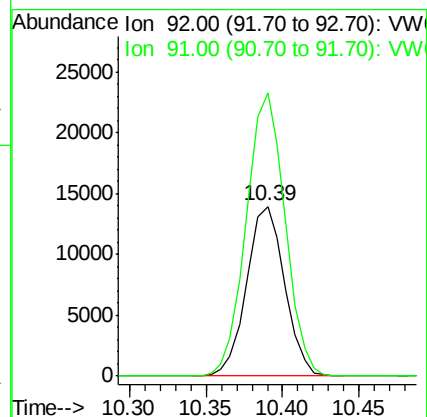
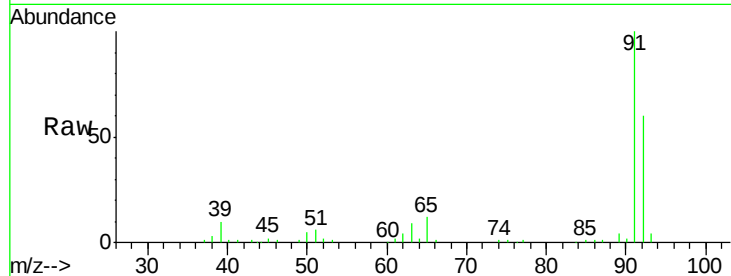
91 170.1 136.2 204.2

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#53

t-1,3-Dichloropropene

Concen: 53.310 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007569.D

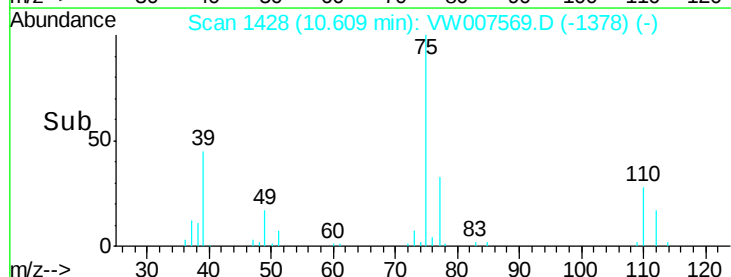
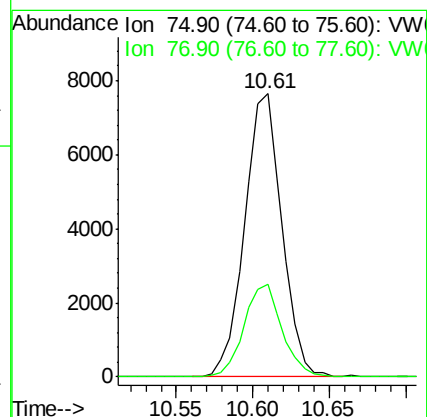
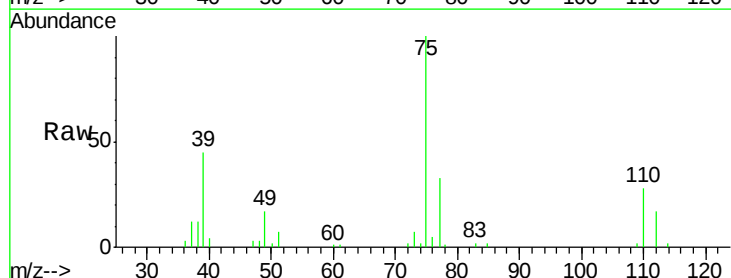
Acq: 15 Dec 2018 07:58

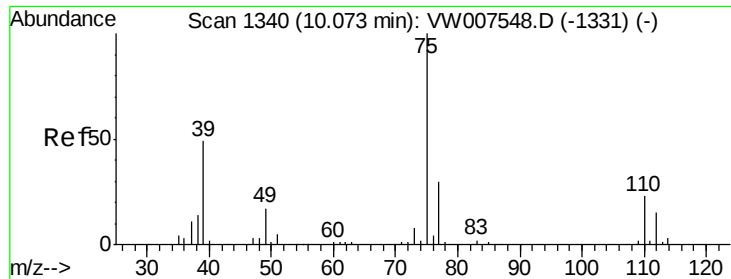
Tgt Ion: 75 Resp: 12903

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.4





#54

cis-1,3-Dichloropropene

Concen: 45.822 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

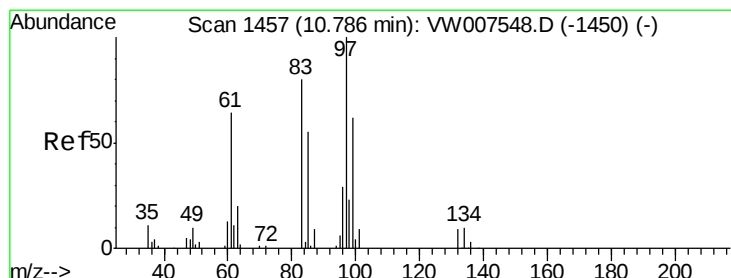
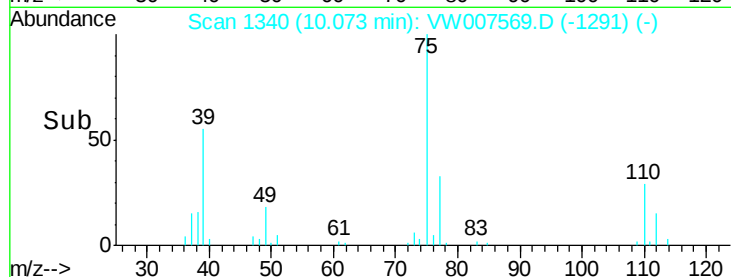
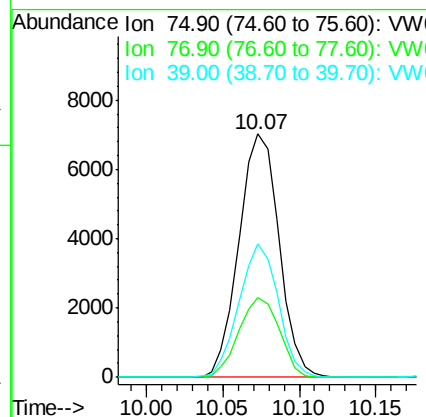
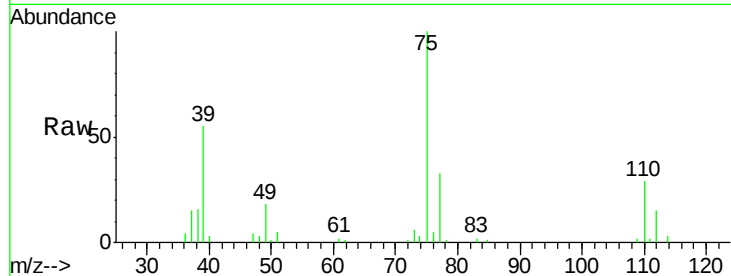
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	75	Resp:	12821
Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	55.0	40.9	61.3

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#55

1,1,2-Trichloroethane

Concen: 78.441 ug/l

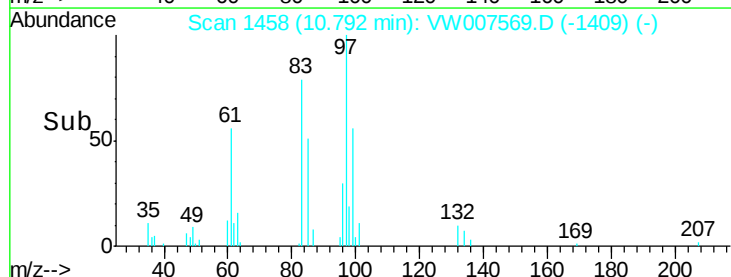
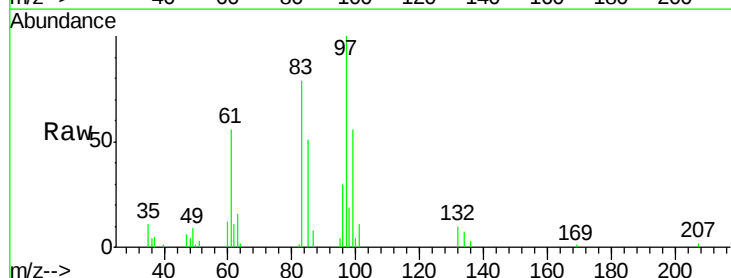
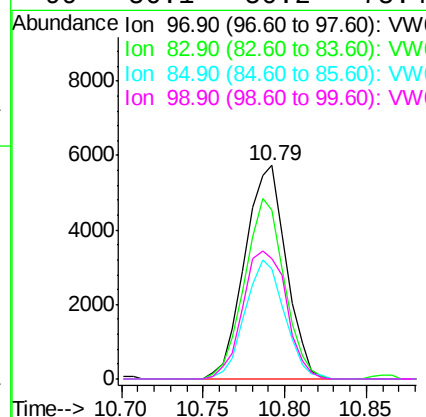
RT: 10.79 min Scan# 1458

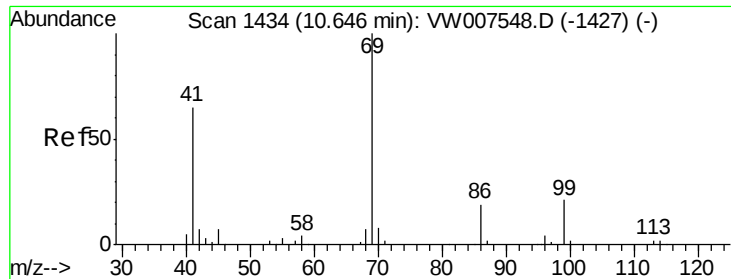
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	97	Resp:	10147
Ion	Ratio	Lower	Upper
97	100		
83	79.0	62.1	93.1
85	51.3	44.2	66.4
99	56.1	50.2	75.4





#56

Ethyl methacrylate

Concen: 4.026 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

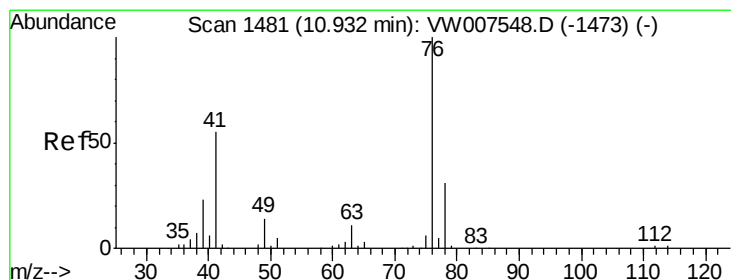
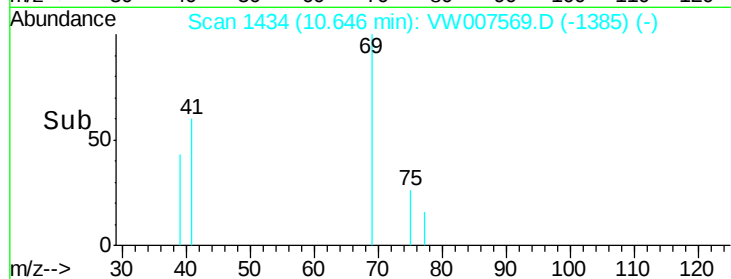
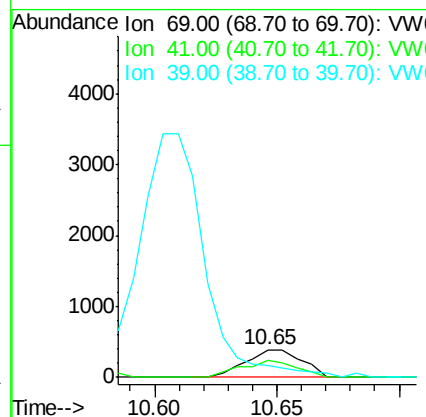
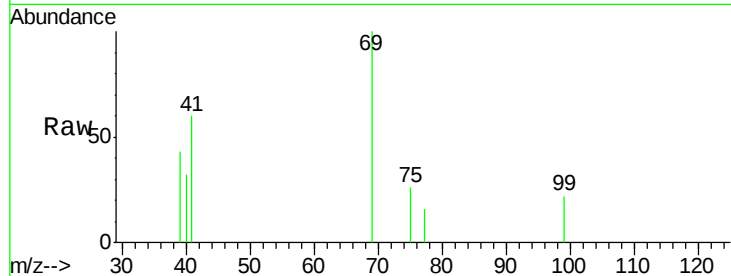
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	69	Resp:	626
Ion	Ratio	Lower	Upper
69	100		
41	60.1	51.0	76.6
39	0.0	30.8	46.2#

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#57

1,3-Dichloropropane

Concen: 77.561 ug/l

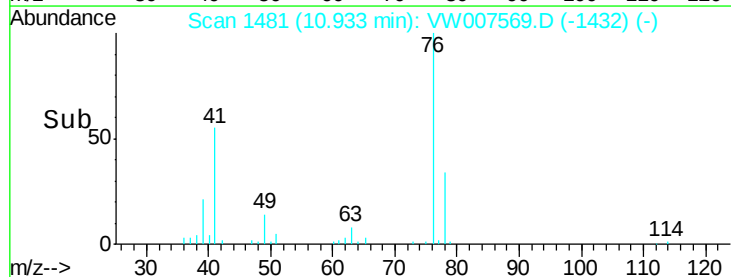
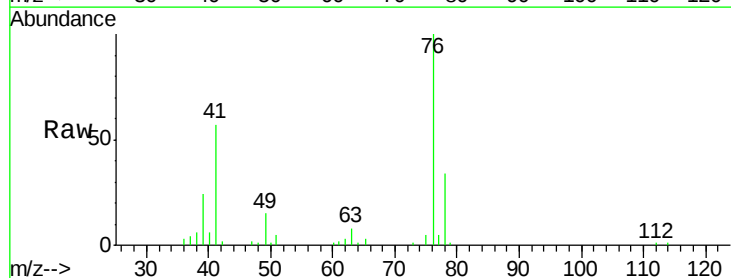
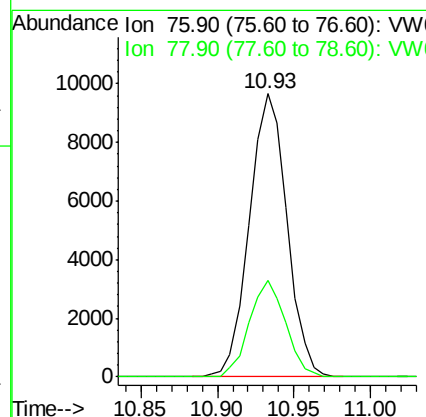
RT: 10.93 min Scan# 1481

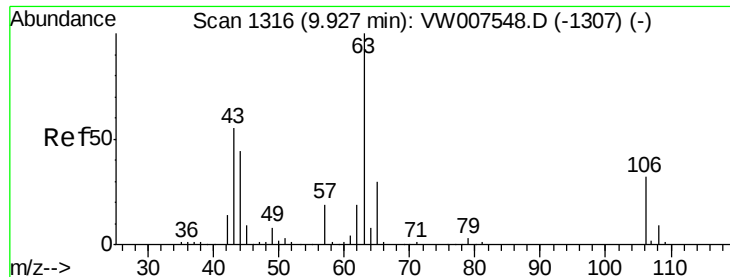
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	76	Resp:	16468
Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4





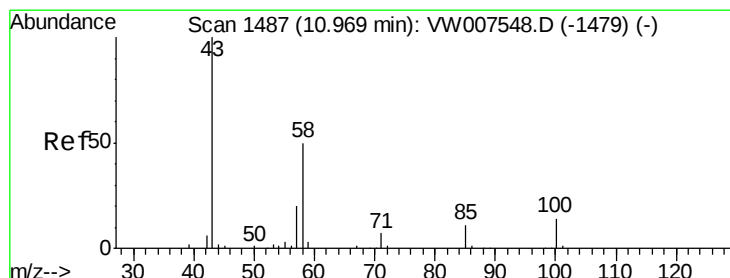
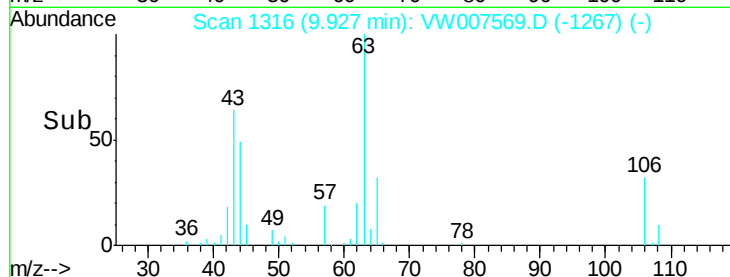
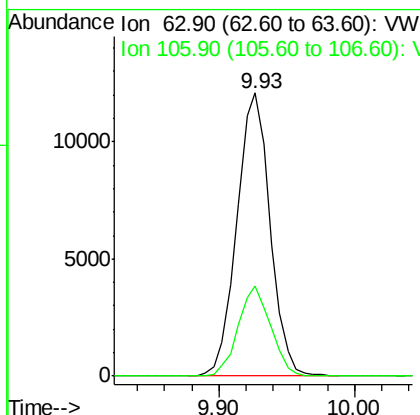
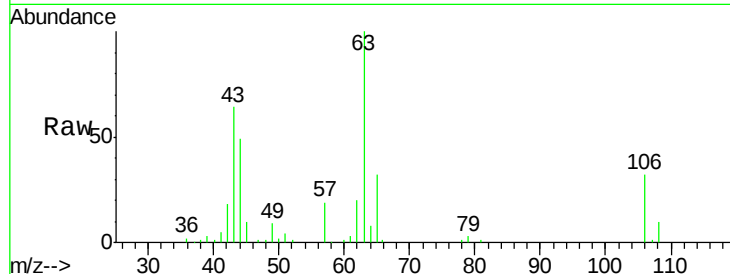
#58
2-Chloroethyl Vinyl ether
Concen: 286.857 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 63 Resp: 20568
Ion Ratio Lower Upper
63 100
106 31.0 25.0 37.6

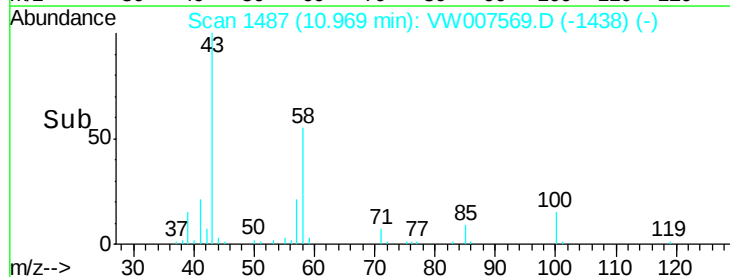
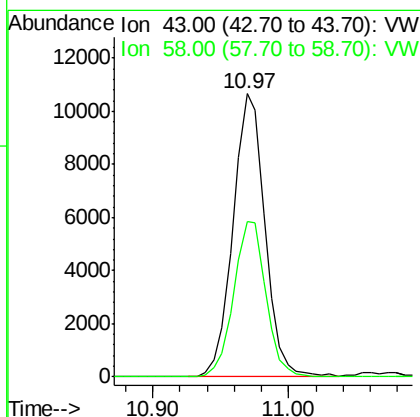
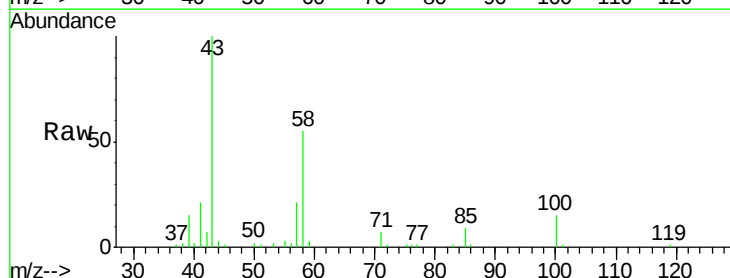
Manual Integrations
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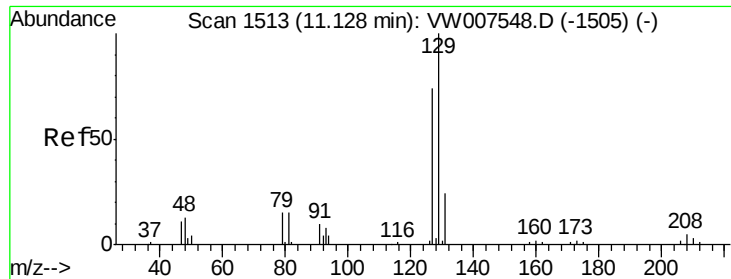
apatel
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#59
2-Hexanone
Concen: 288.037 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 43 Resp: 17376
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3





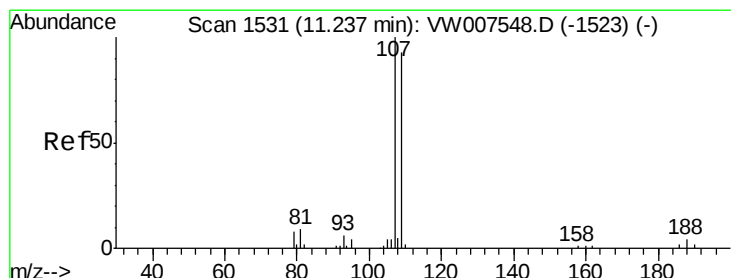
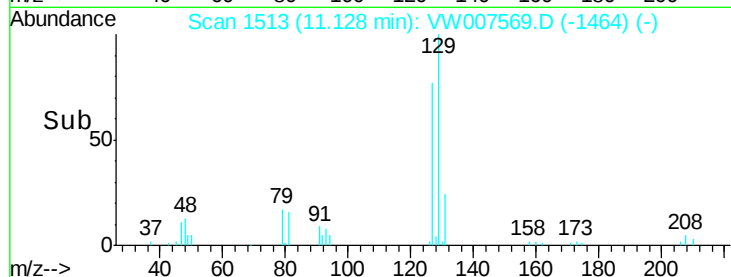
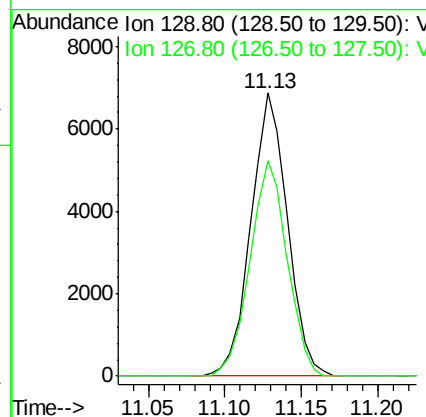
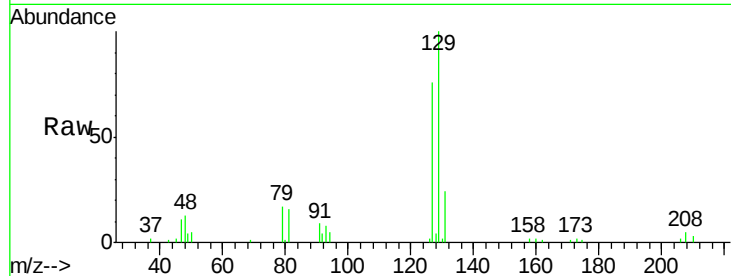
#60
Dibromochloromethane
Concen: 69.825 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:129 Resp: 11399
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

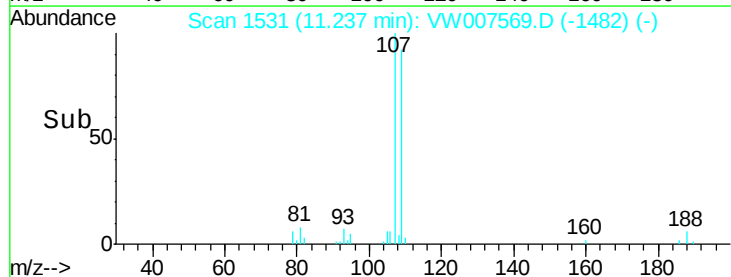
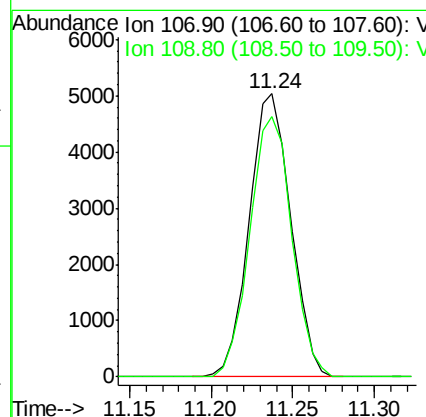
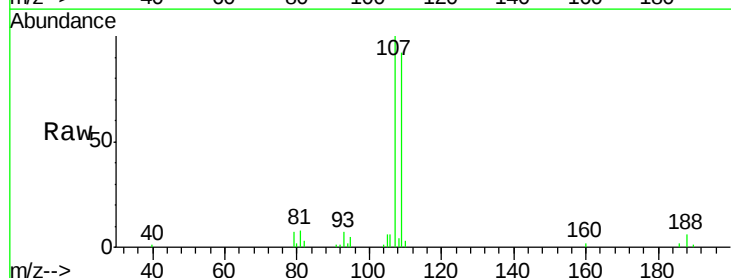
Manual Integrations
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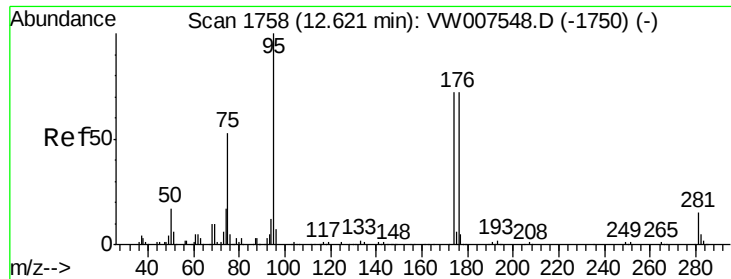
apatel
12/17/2018 1:45:44 PM



#61
1,2-Dibromoethane
Concen: 69.737 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion:107 Resp: 8915
Ion Ratio Lower Upper
107 100
109 92.9 79.1 118.7





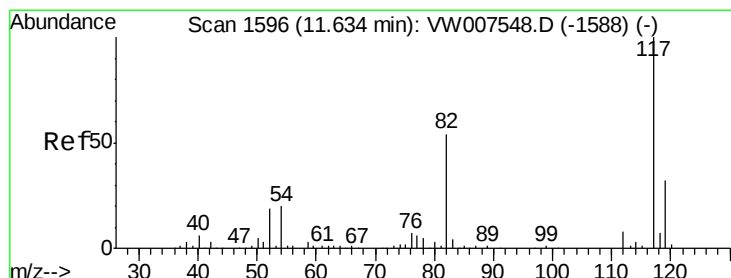
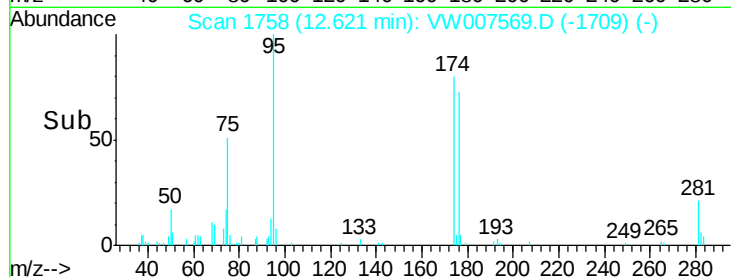
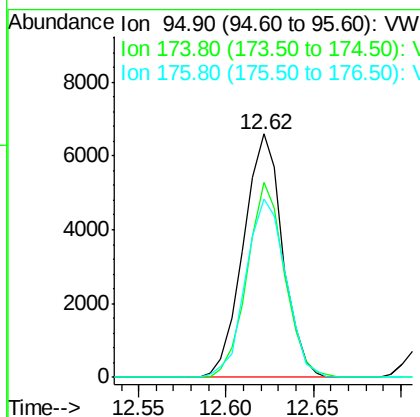
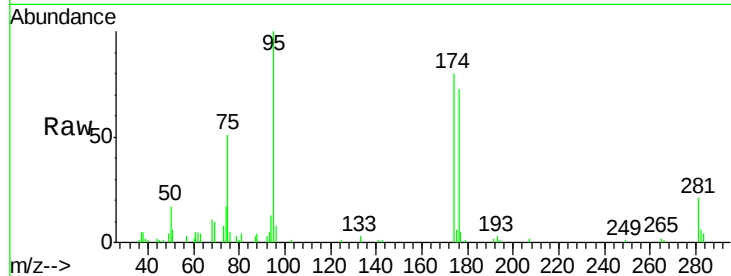
#62
4-Bromofluorobenzene
Concen: 43.178 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	147.2
176	75.0	0.0	138.8

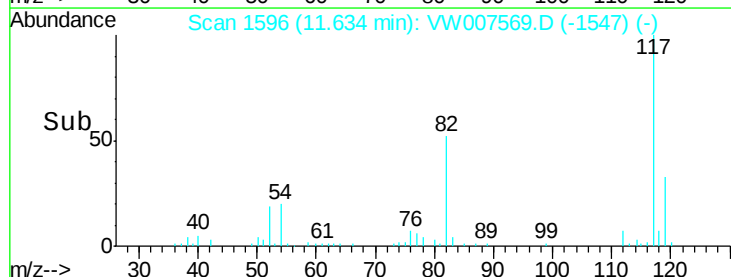
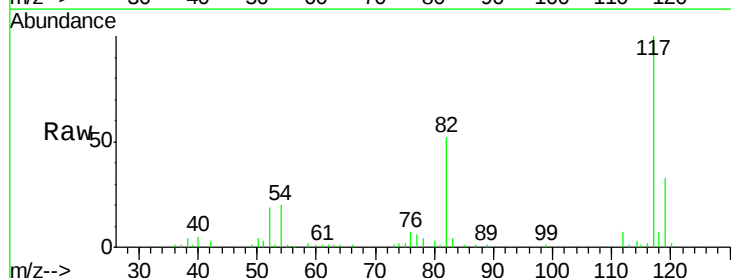
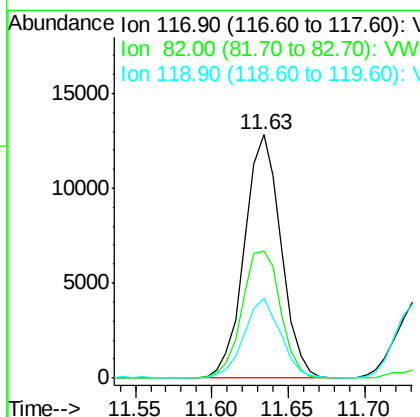
Manual Integrations
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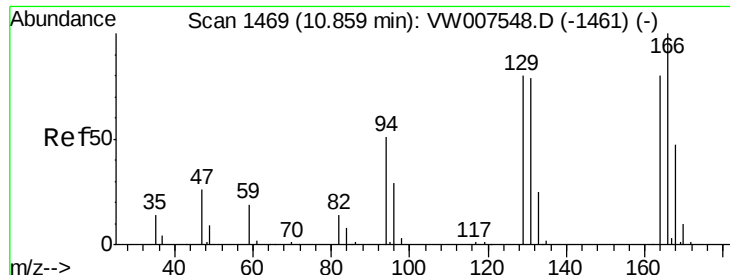
apatel
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.3	63.5
119	32.9	23.0	34.6





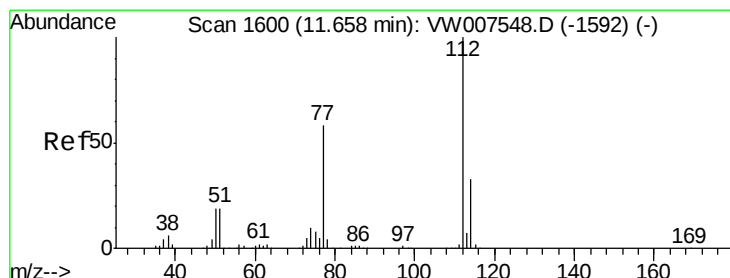
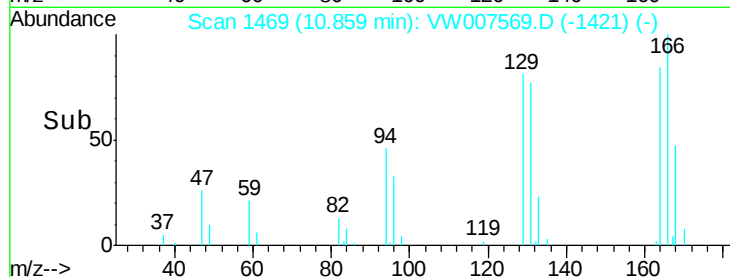
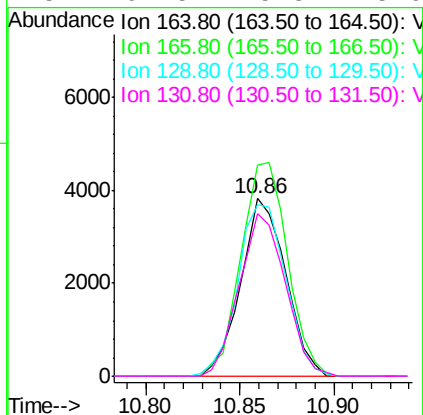
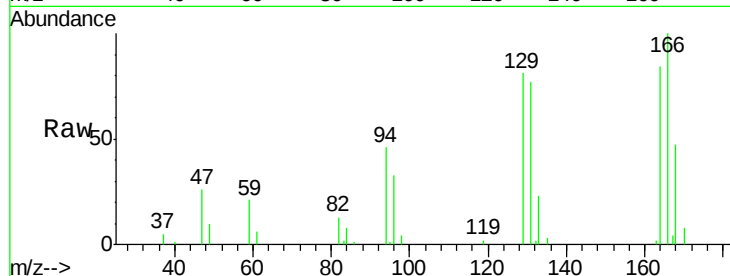
#64
Tetrachloroethene
Concen: 41.315 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.8	107.9	161.9
129	96.5	73.4	110.2
131	91.5	75.8	113.6

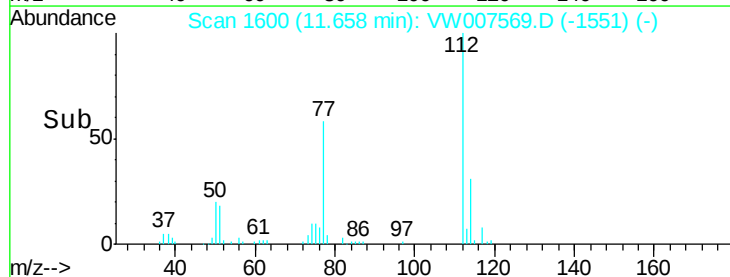
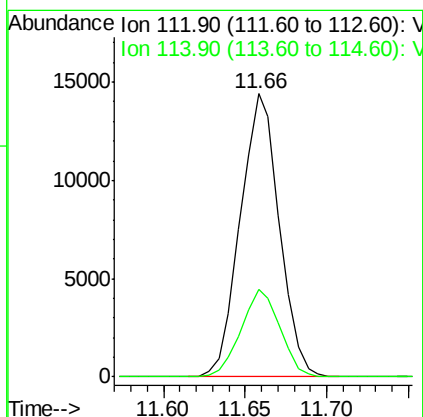
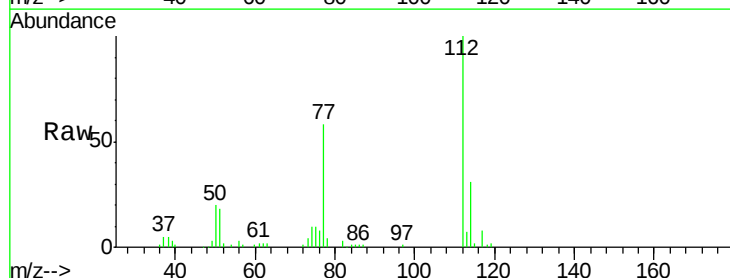
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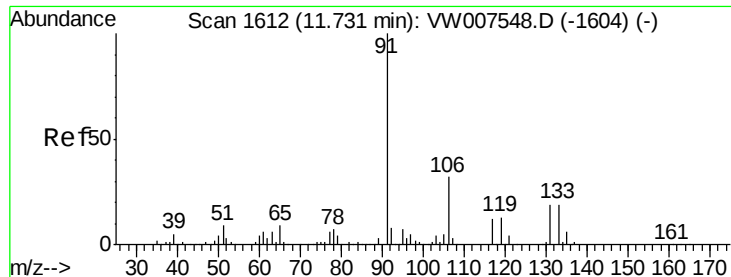
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#65
Chlorobenzene
Concen: 53.960 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	27.8	41.8





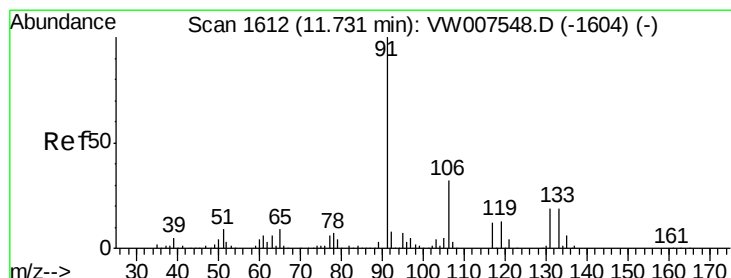
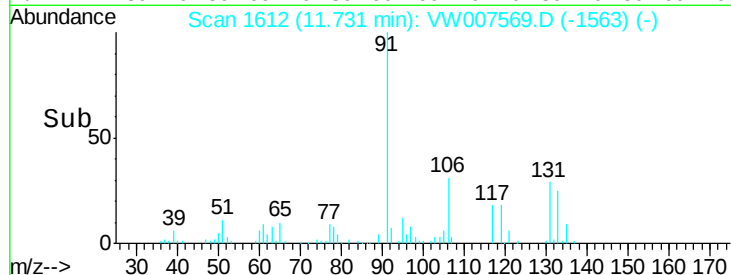
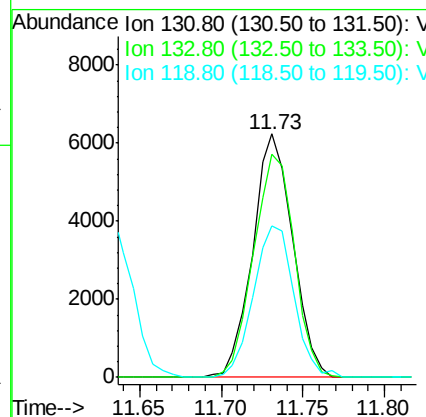
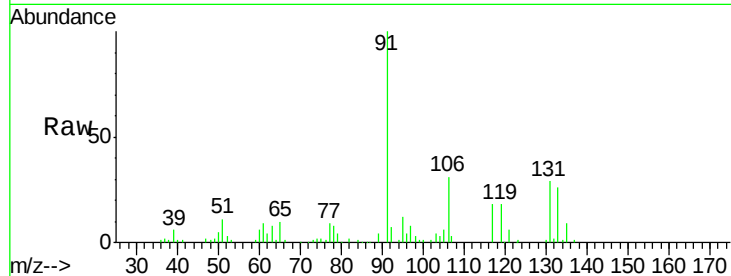
#66
 1,1,1,2-Tetrachloroethane
 Concen: 68.201 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	10655		
133	93.2	47.1	141.4	
119	63.1	31.3	93.9	

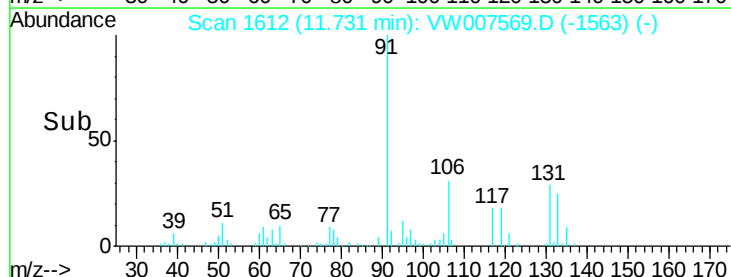
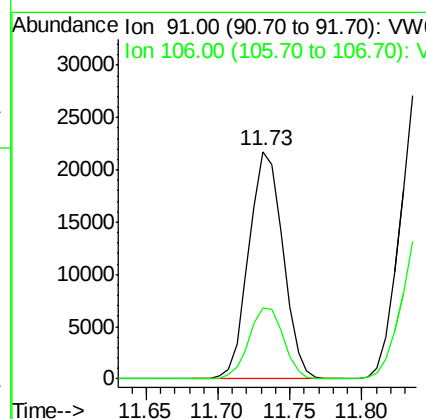
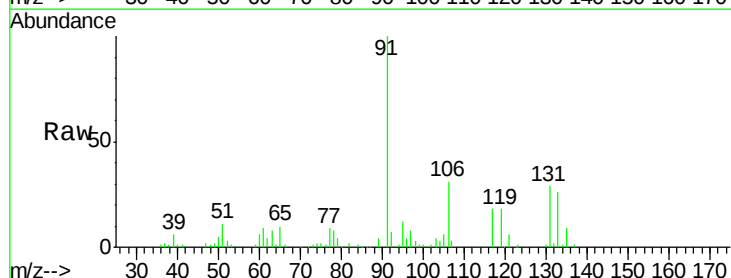
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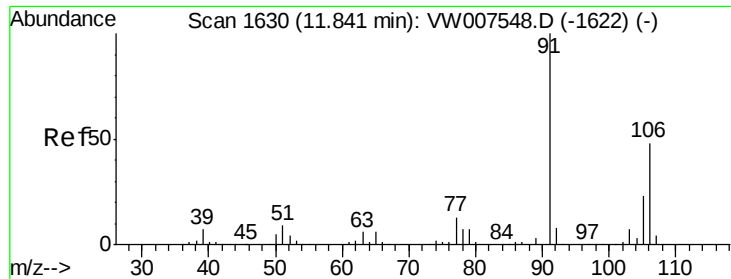
apatel
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#67
 Ethyl Benzene
 Concen: 46.813 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	35702		
106	31.0	21.8	32.8	





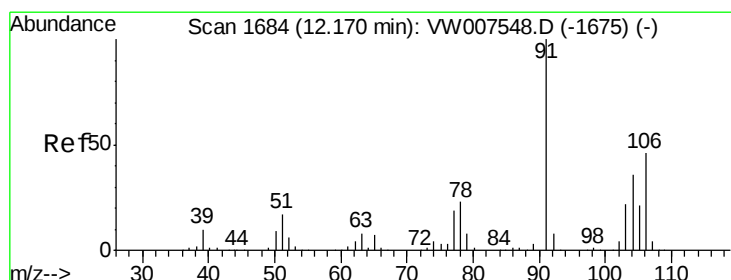
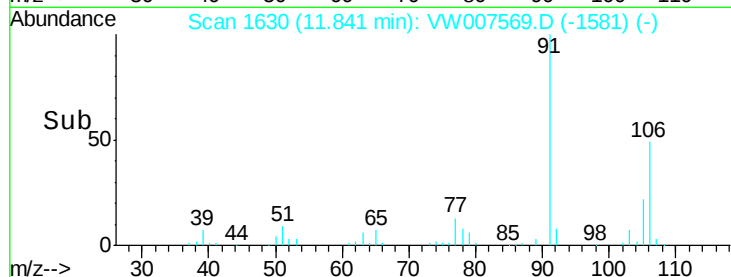
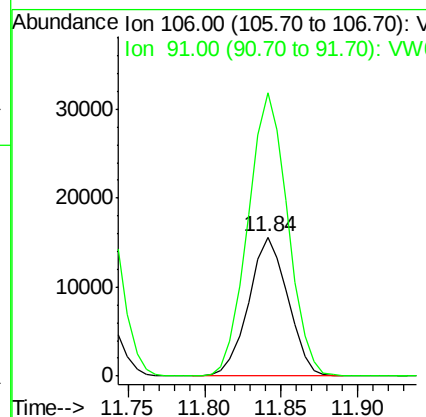
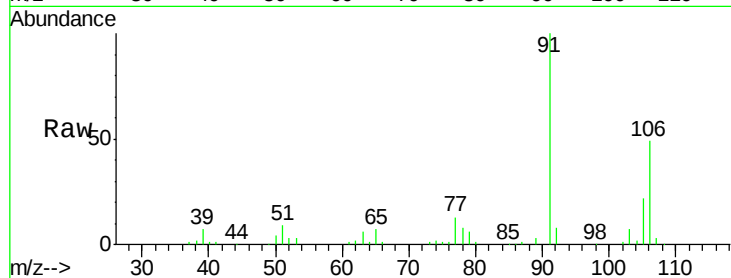
#68
m/p-Xylenes
Concen: 93.982 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:106 Resp: 27864
Ion Ratio Lower Upper
106 100
91 206.3 165.3 247.9

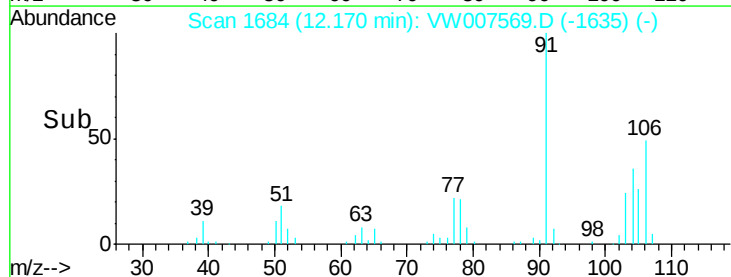
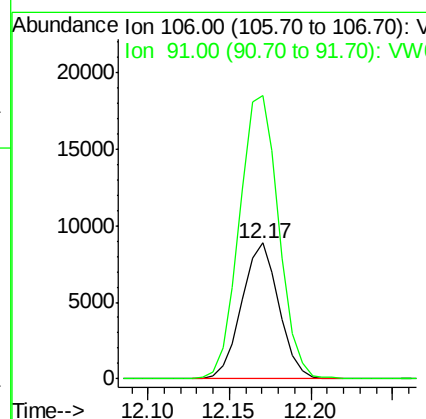
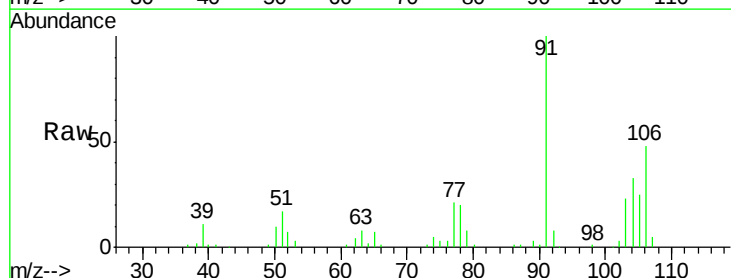
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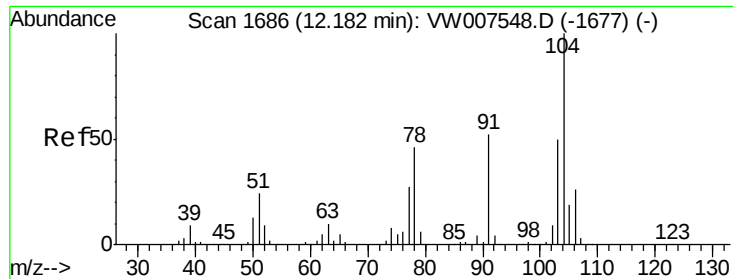
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#69
o-Xylene
Concen: 50.741 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion:106 Resp: 14050
Ion Ratio Lower Upper
106 100
91 220.5 106.6 319.8





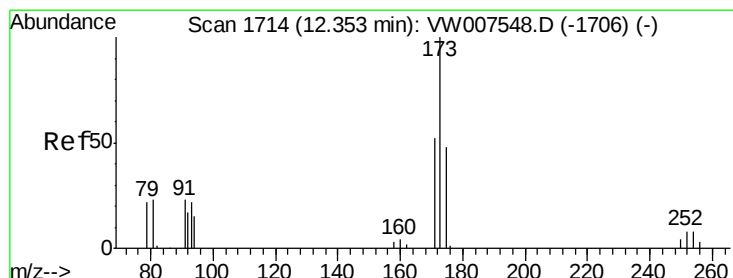
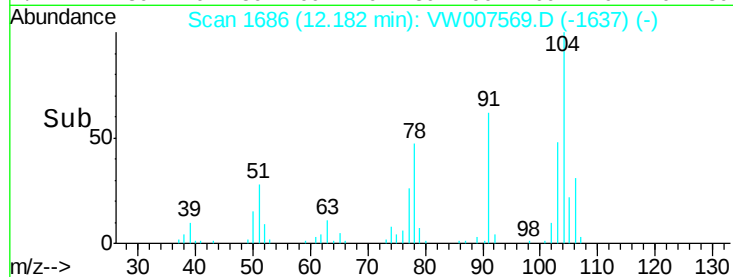
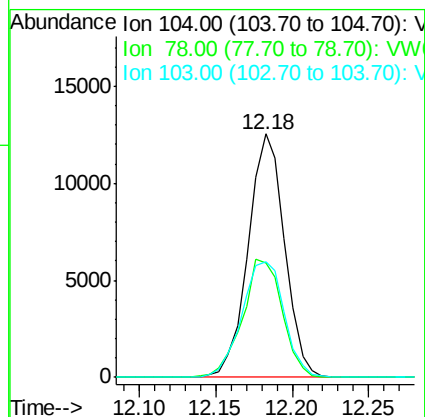
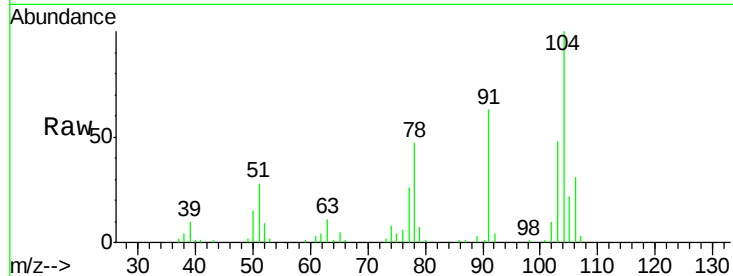
#70
Styrene
Concen: 46.312 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	41.8	62.8
103	55.4	46.6	69.8

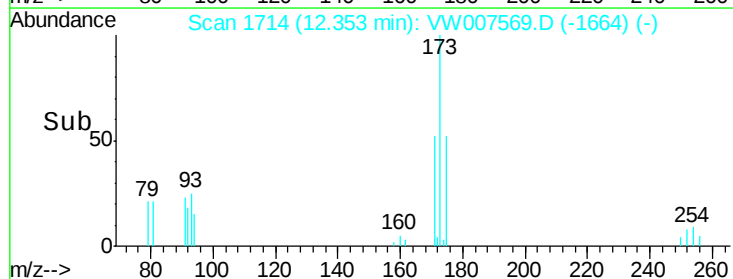
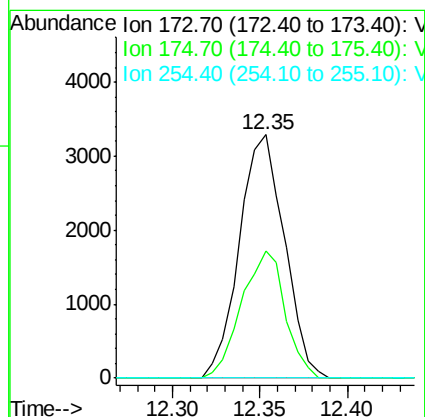
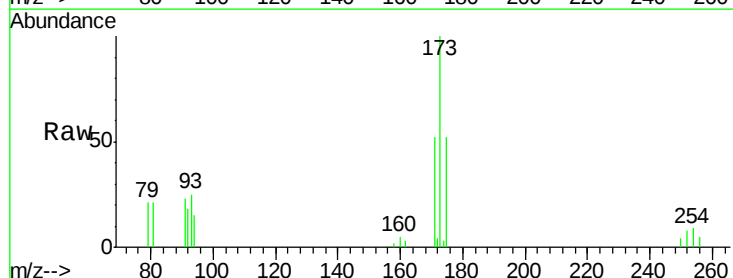
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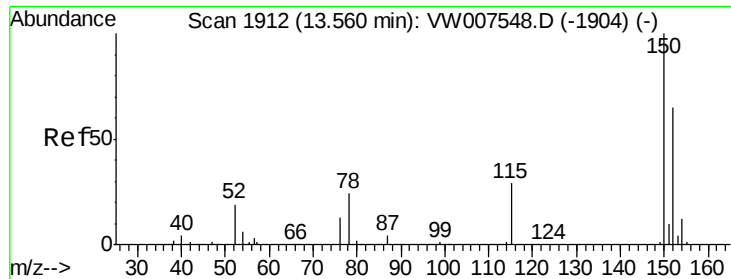
apatel
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#71
Bromoform
Concen: 73.557 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	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: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:152 Resp: 6938

Ion Ratio Lower Upper

152 100

115 64.5 31.4 94.2

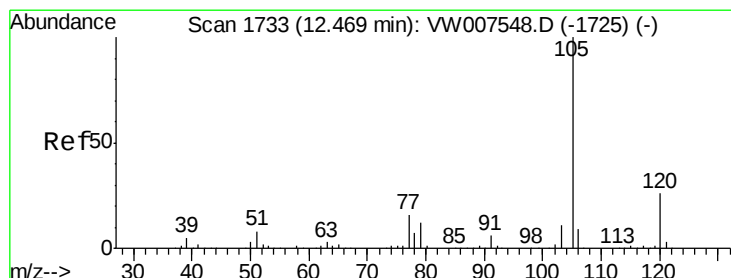
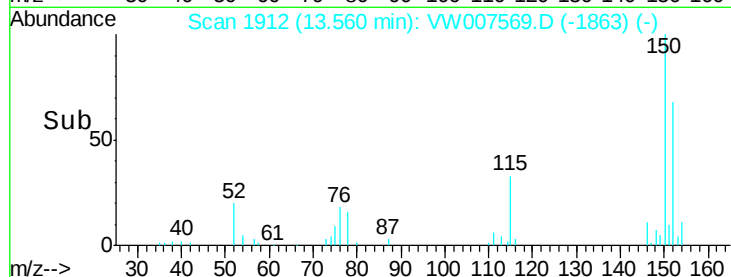
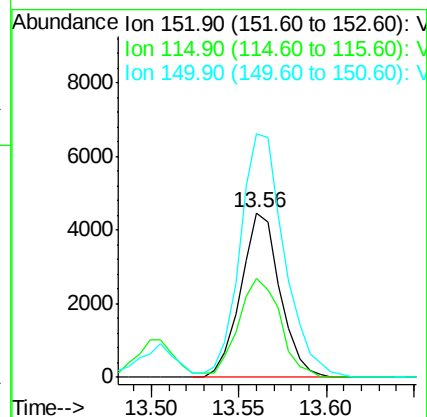
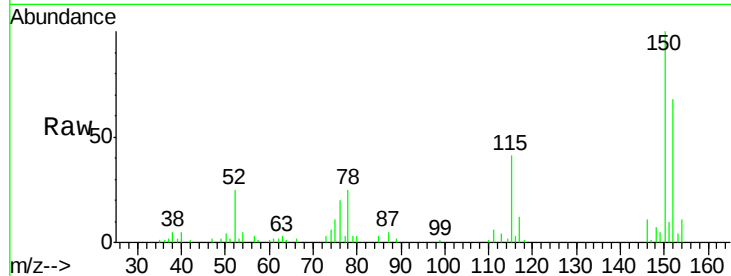
150 167.9 0.0 358.4

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#73

Isopropylbenzene

Concen: 54.041 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007569.D

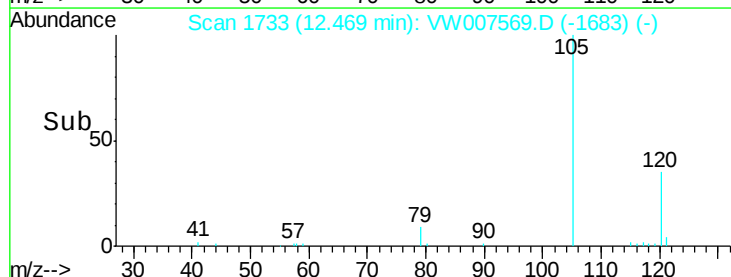
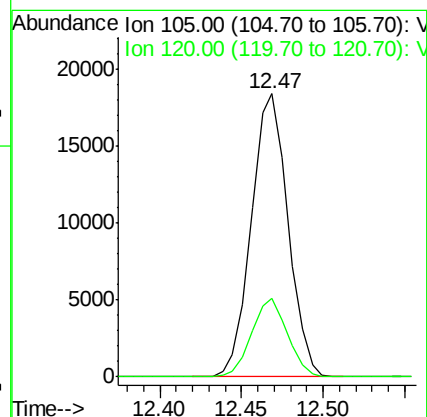
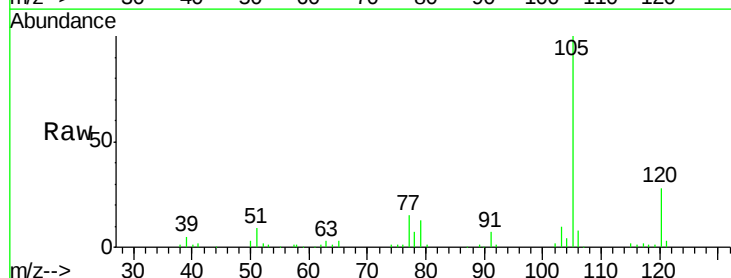
Acq: 15 Dec 2018 07:58

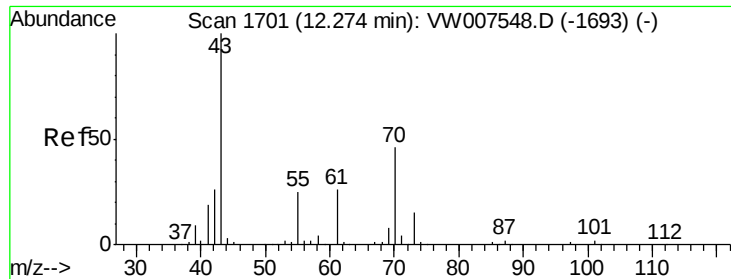
Tgt Ion:105 Resp: 28729

Ion Ratio Lower Upper

105 100

120 27.1 12.8 38.4





#74

N-ethyl acetate

Concen: 1.025 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.09 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

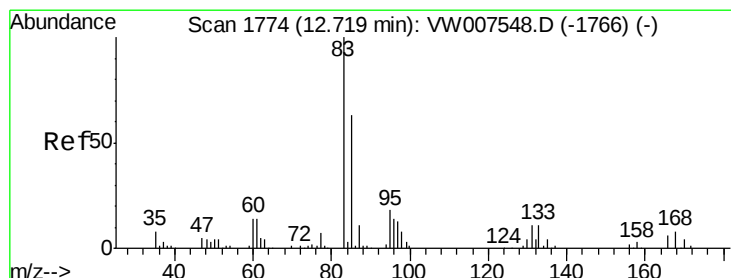
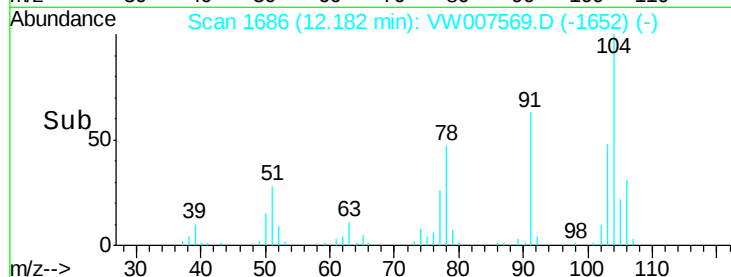
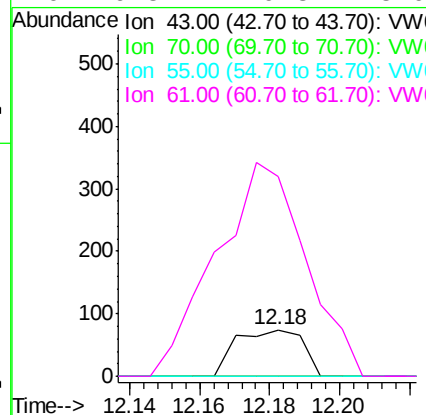
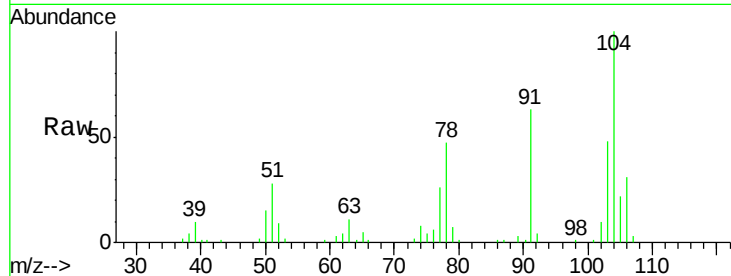
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	43	Resp:	99
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.5	54.7#
55	0.0	20.1	30.1#
61	618.2	19.3	28.9#

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#75

1,1,2,2-Tetrachloroethane

Concen: 122.342 ug/l

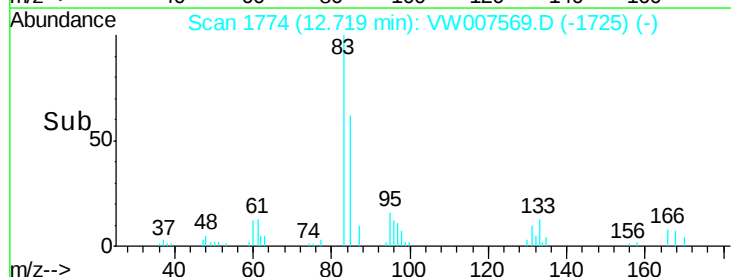
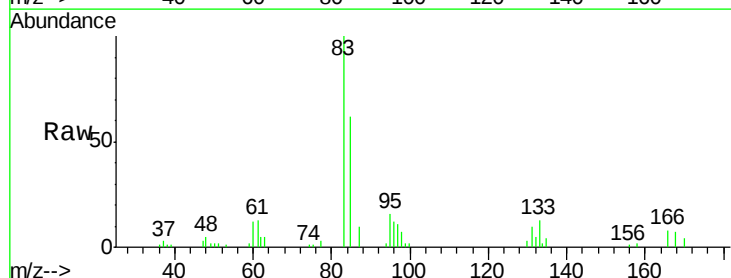
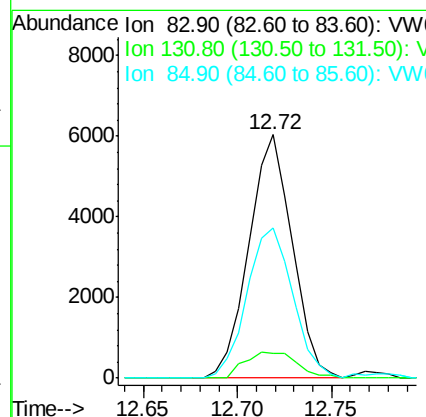
RT: 12.72 min Scan# 1774

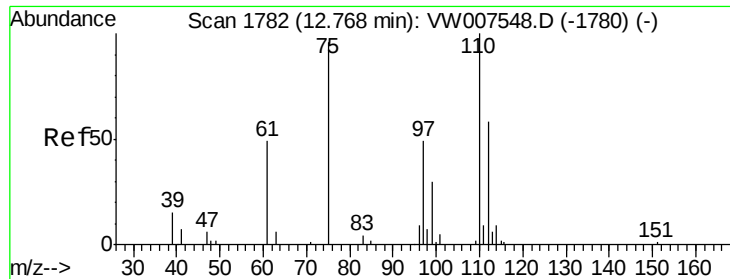
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	83	Resp:	9633
Ion	Ratio	Lower	Upper
83	100		
131	12.9	5.9	17.8
85	65.3	30.0	90.0





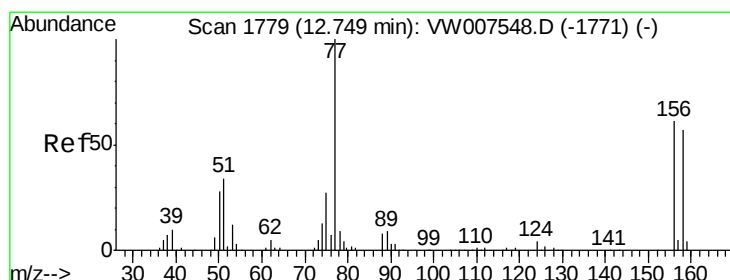
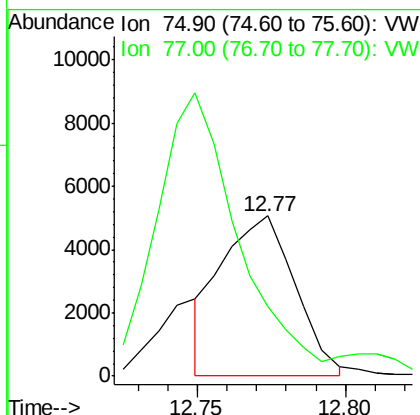
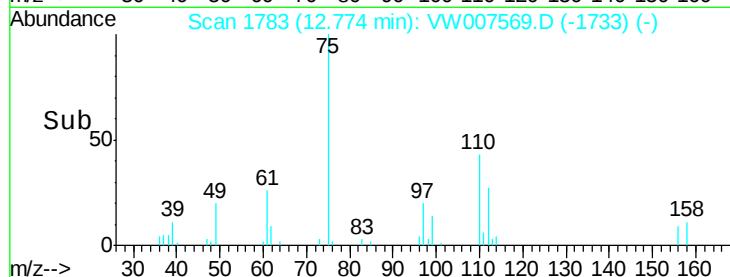
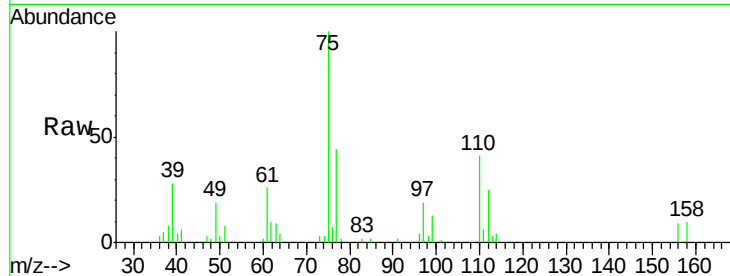
#76
1,2,3-Trichloropropane
Concen: 153.061 ug/l m
RT: 12.77 min Scan# 1783
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 75 Resp: 8756
Ion Ratio Lower Upper
75 100
77 0.0 166.9 500.8#

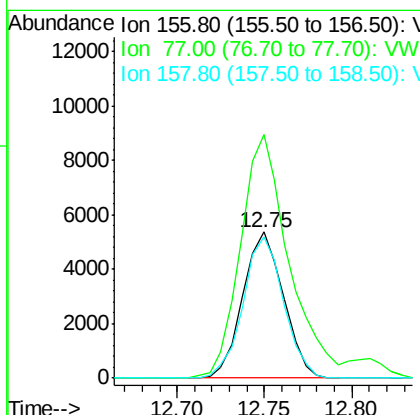
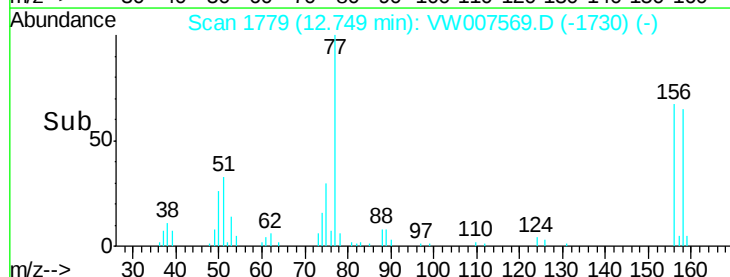
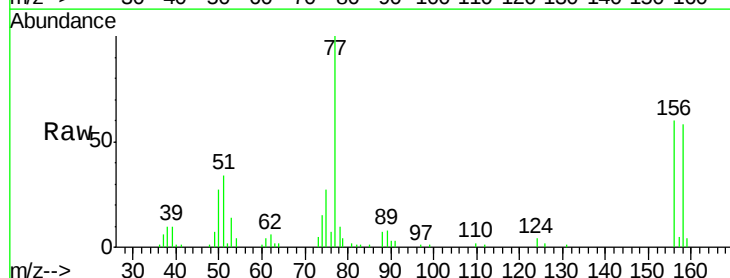
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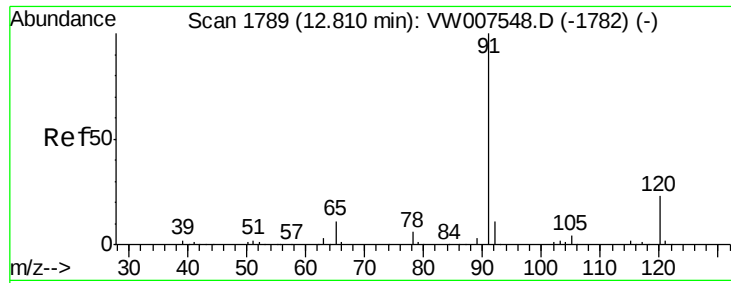
apatel
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#77
Bromobenzene
Concen: 73.558 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 156 Resp: 8668
Ion Ratio Lower Upper
156 100
77 197.5 88.1 264.4
158 95.9 45.6 136.7





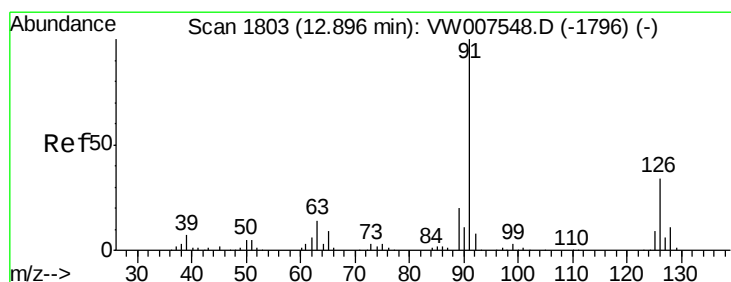
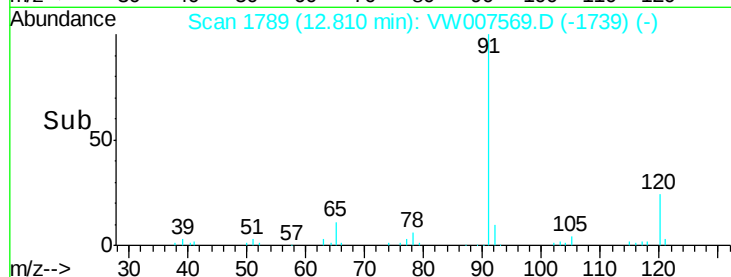
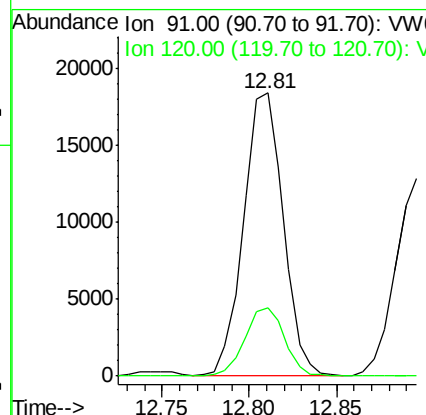
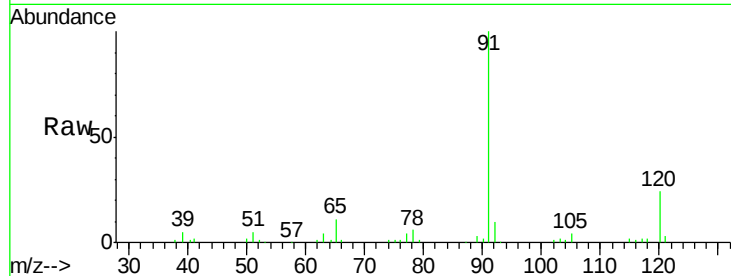
#78
n-propylbenzene
Concen: 48.510 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 91 Resp: 29023
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5

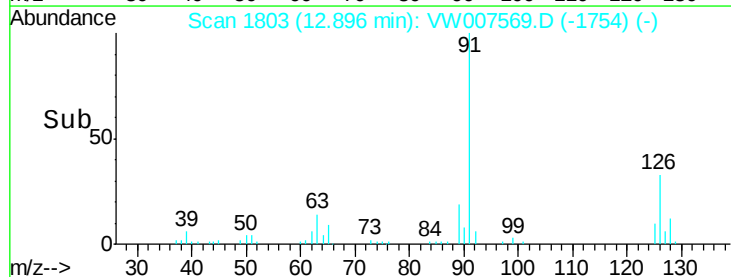
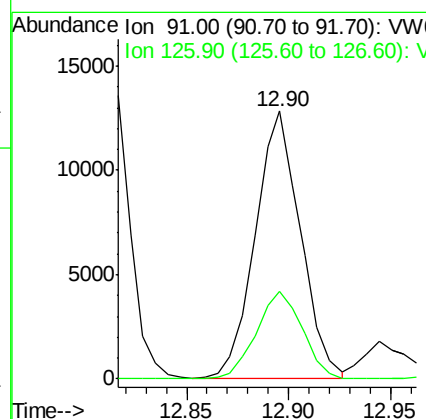
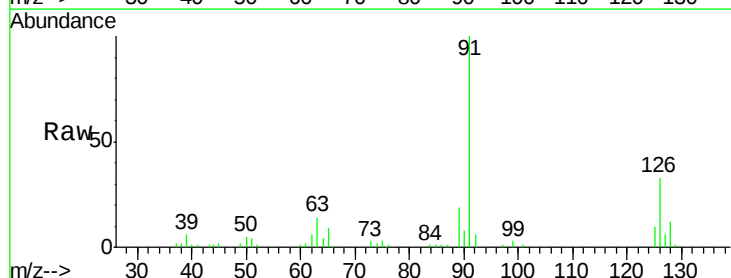
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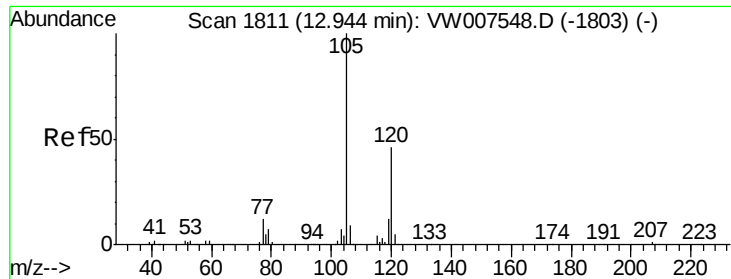
apatel
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#79
2-Chlorotoluene
Concen: 54.764 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion: 91 Resp: 19825
Ion Ratio Lower Upper
91 100
126 33.1 15.9 47.6





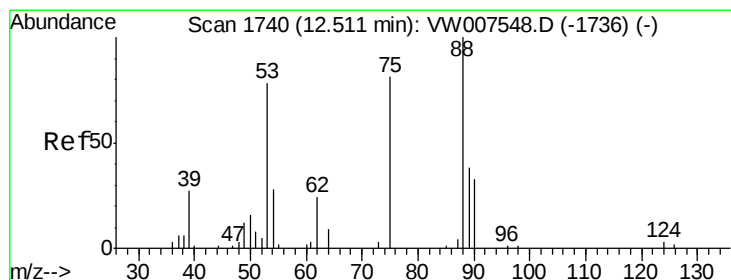
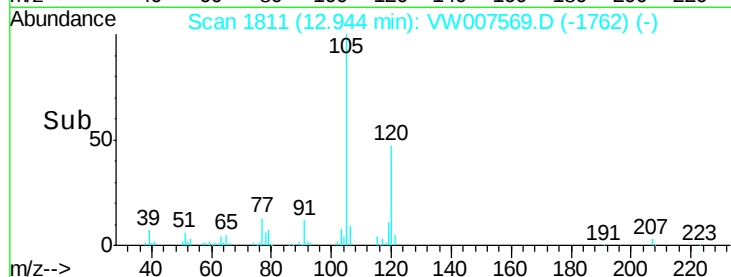
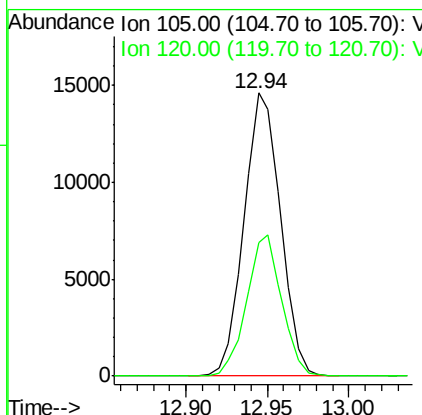
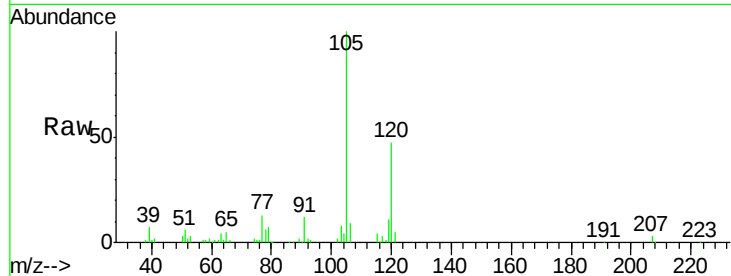
#80
 1,3,5-Trimethylbenzene
 Concen: 50.950 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 105 Resp: 22759
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.4

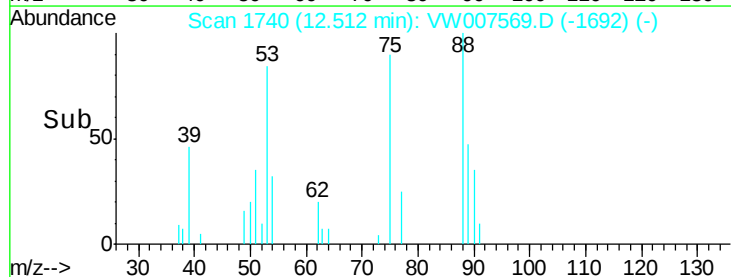
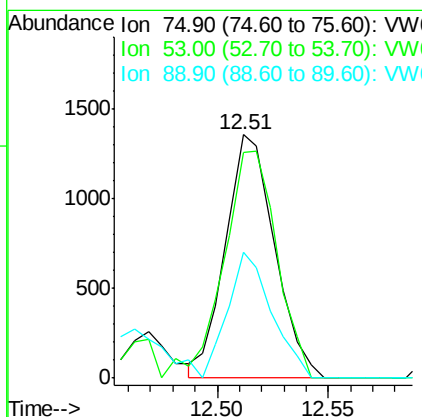
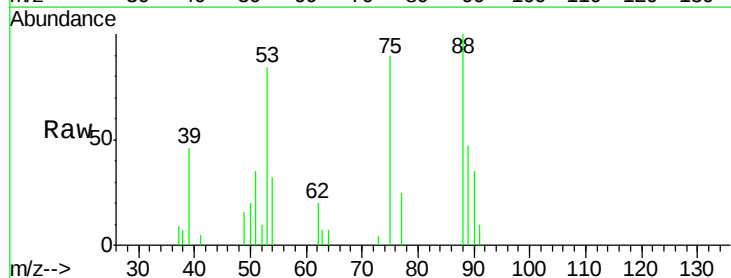
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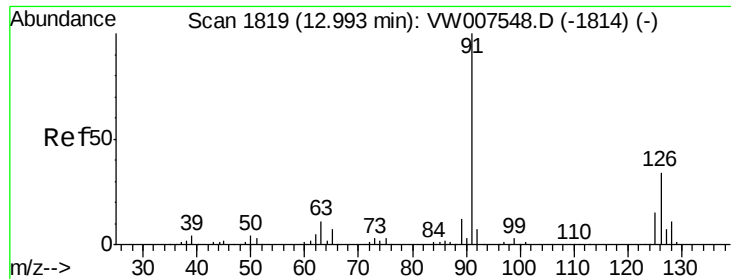
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.628 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion: 75 Resp: 2088
 Ion Ratio Lower Upper
 75 100
 53 98.0 84.9 127.3
 89 46.1 40.3 60.5





#82

4-Chlorotoluene

Concen: 55.957 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion: 91 Resp: 21353

Ion Ratio Lower Upper

91 100

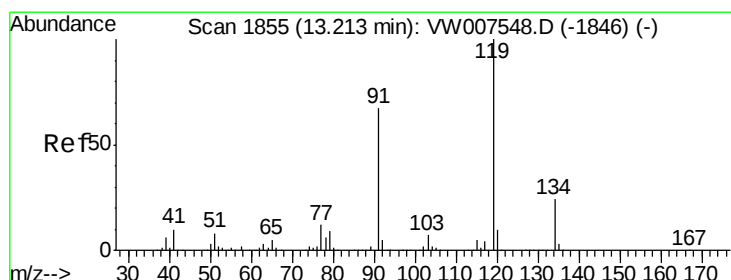
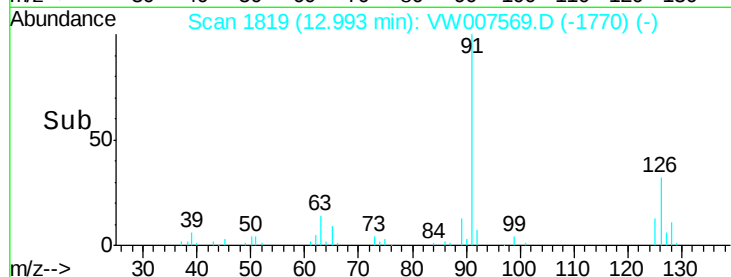
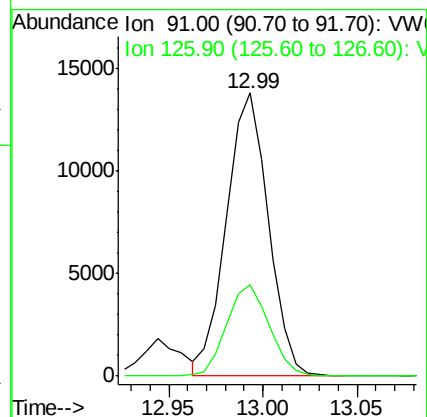
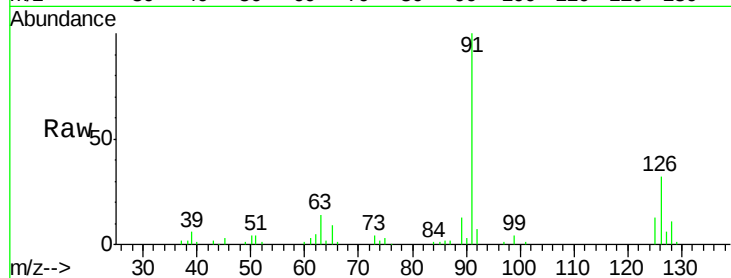
126 32.7 16.0 48.0

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#83

tert-Butylbenzene

Concen: 45.204 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

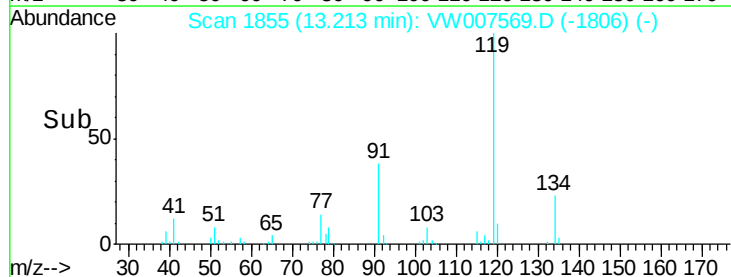
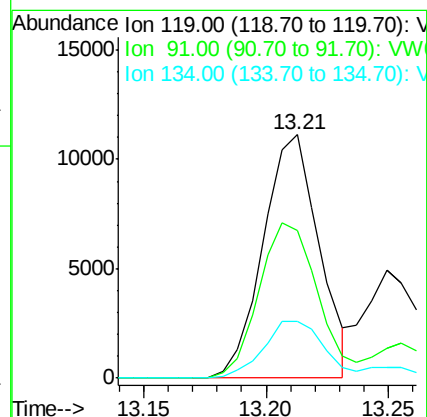
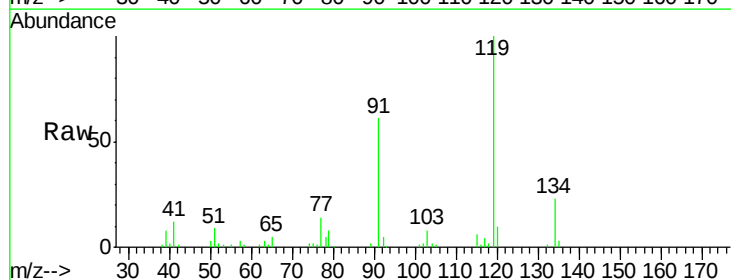
Tgt Ion: 119 Resp: 17792

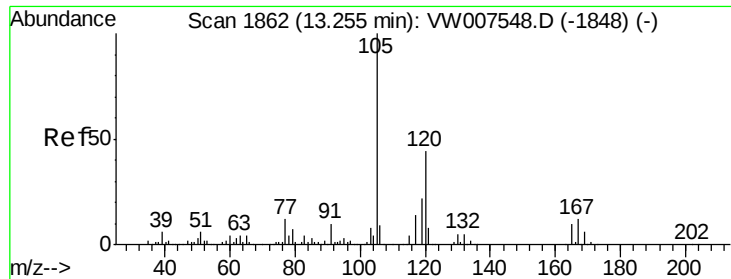
Ion Ratio Lower Upper

119 100

91 67.3 33.1 99.2

134 25.2 12.5 37.5





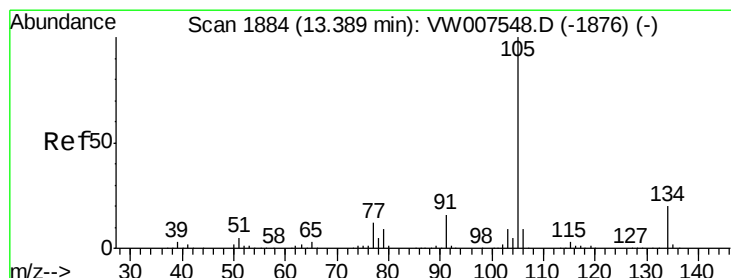
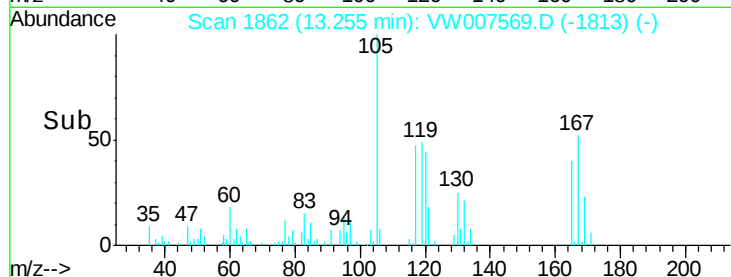
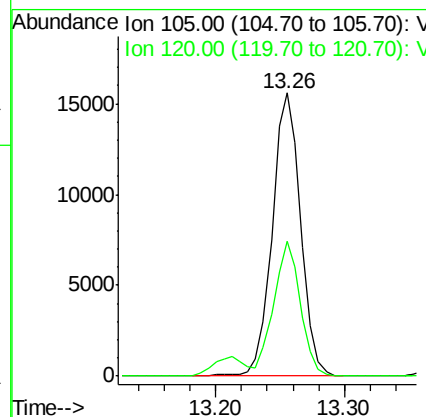
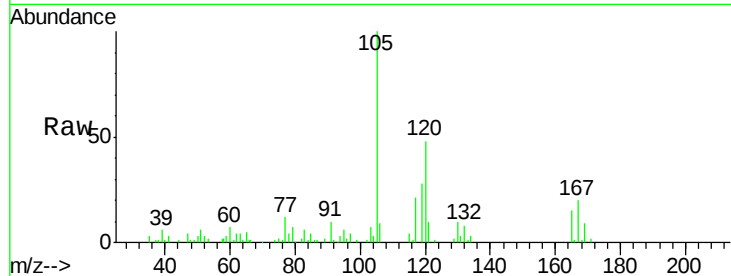
#84
1,2,4-Trimethylbenzene
Concen: 51.833 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:105 Resp: 23826
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.7

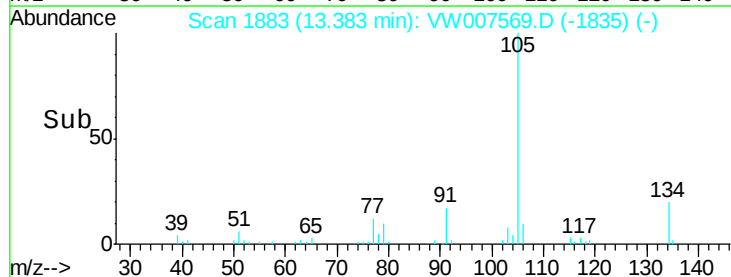
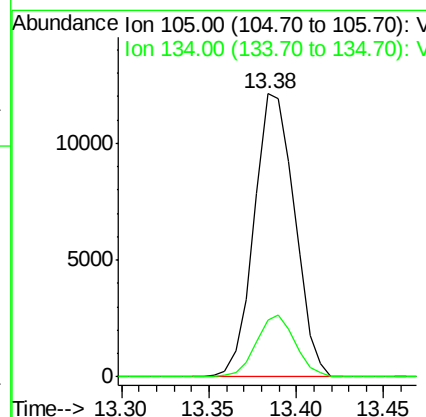
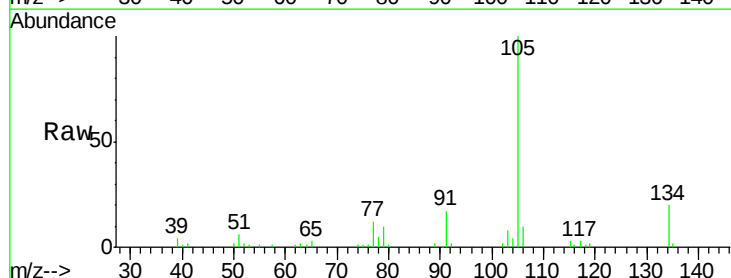
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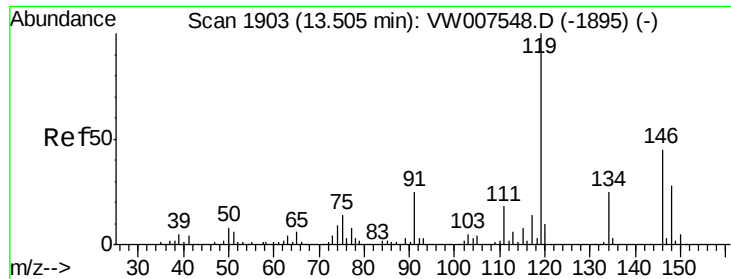
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#85
sec-Butylbenzene
Concen: 36.361 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion:105 Resp: 19537
Ion Ratio Lower Upper
105 100
134 21.0 11.1 33.3





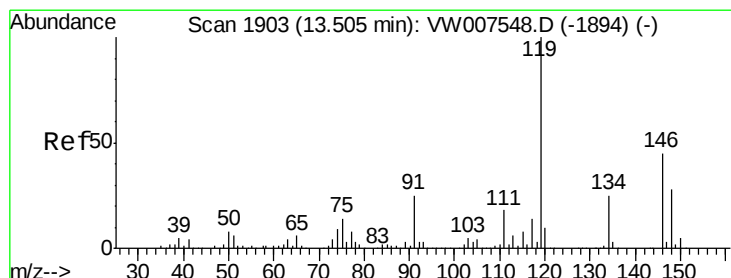
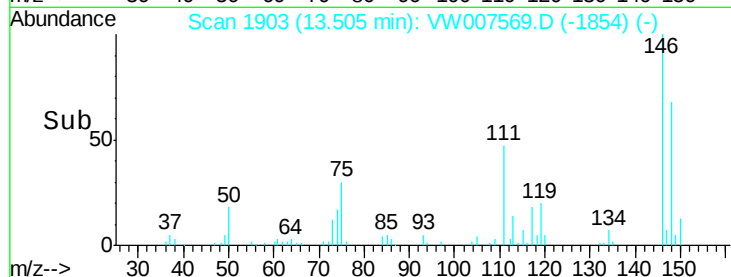
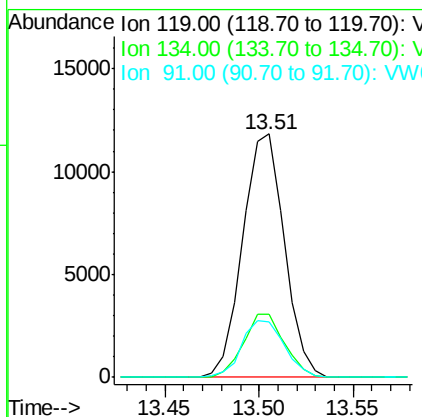
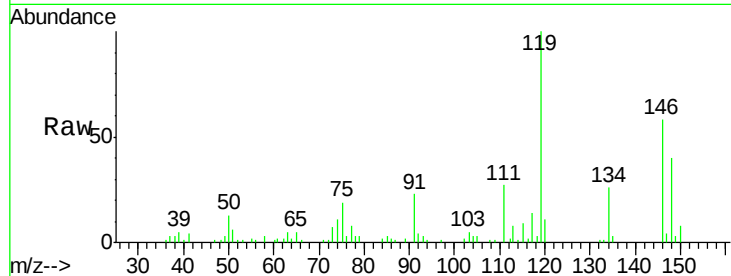
#86
 p-Isopropyltoluene
 Concen: 37.605 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.0	11.9	35.9

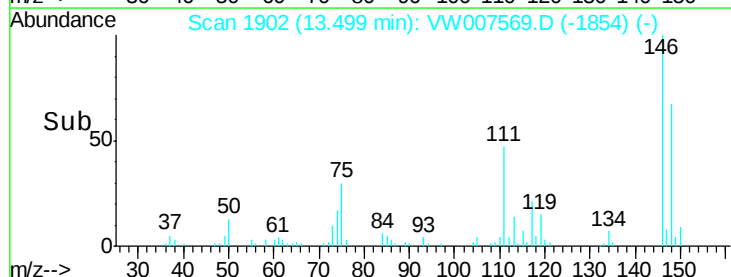
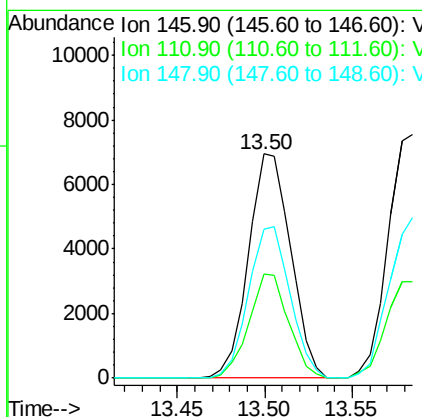
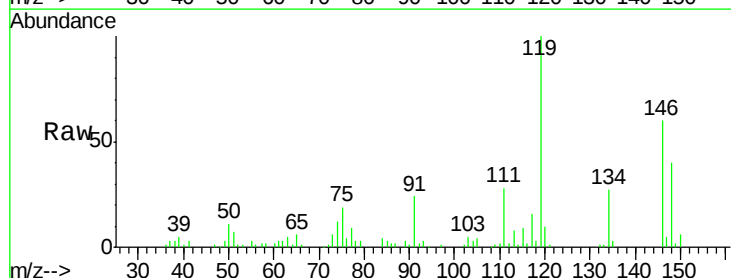
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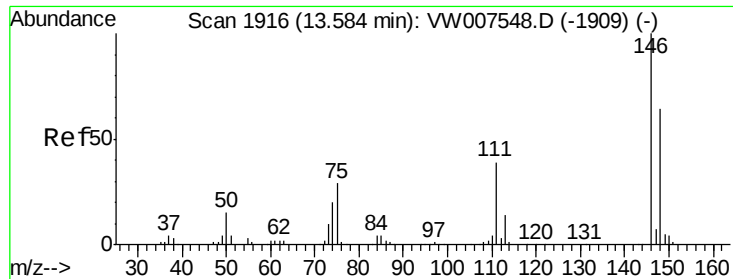
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#87
 1,3-Dichlorobenzene
 Concen: 49.616 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.1	60.3
148	66.5	31.4	94.0





#88

1,4-Dichlorobenzene

Concen: 51.931 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

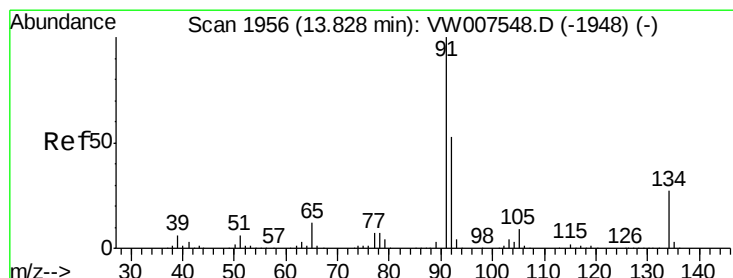
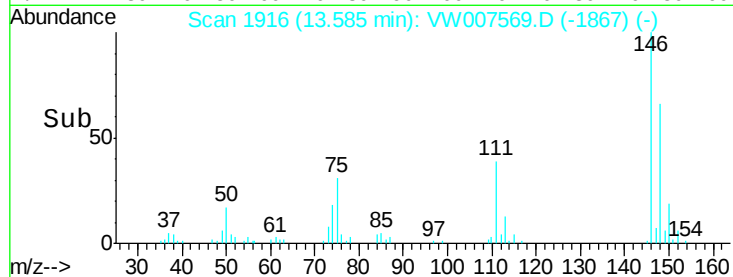
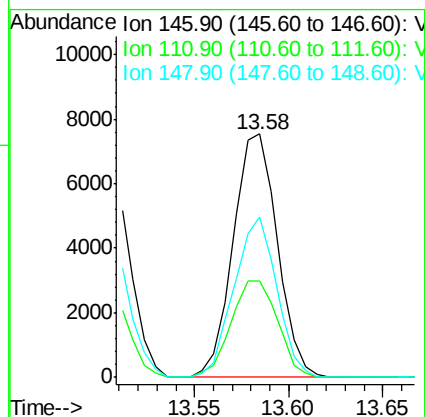
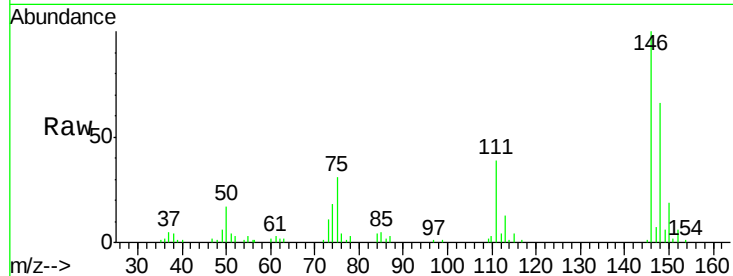
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	146	Resp:	12266
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.3	61.0
148	63.7	33.5	100.5

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#89

n-Butylbenzene

Concen: 26.830 ug/l

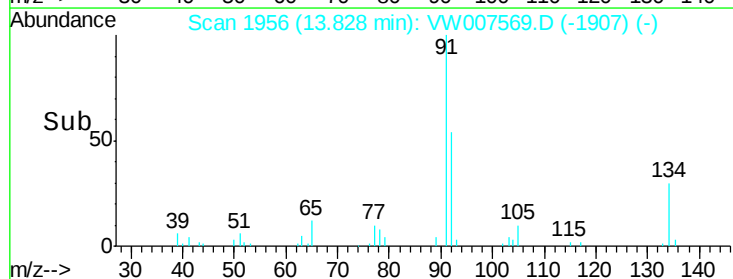
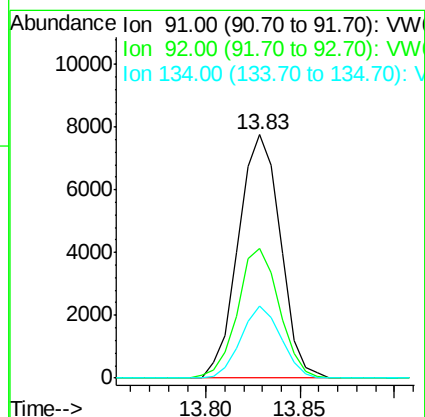
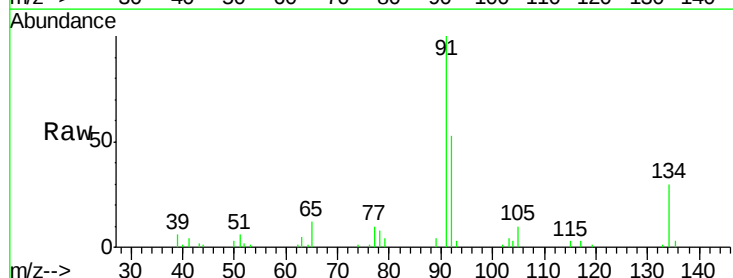
RT: 13.83 min Scan# 1956

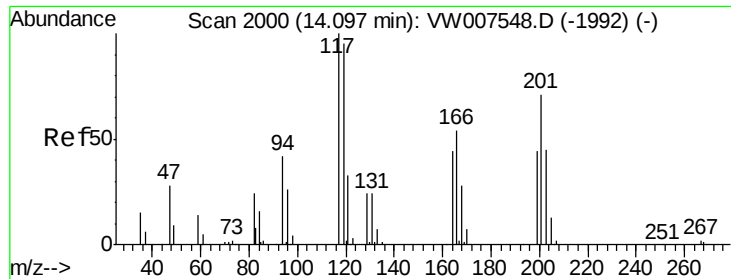
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	91	Resp:	12006
Ion Ratio	Lower	Upper	
91	100		
92	52.8	25.7	77.1
134	28.1	13.4	40.2





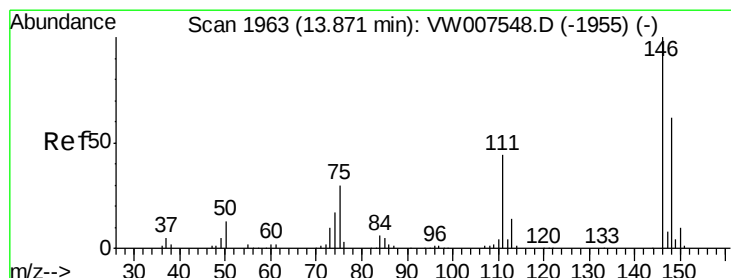
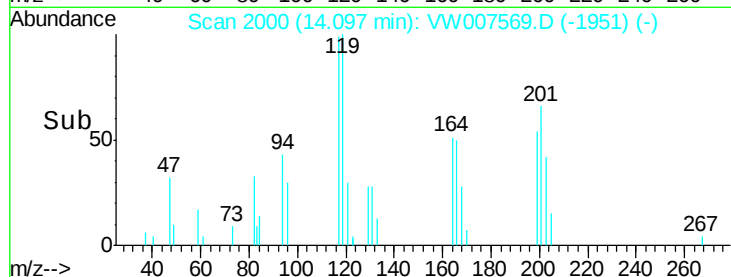
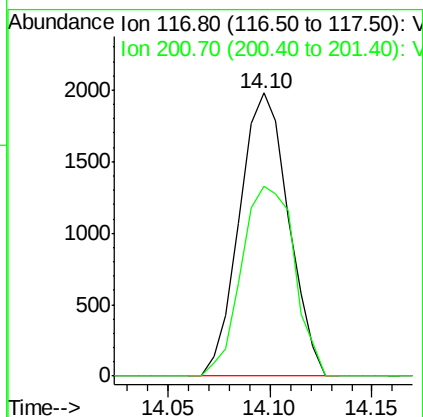
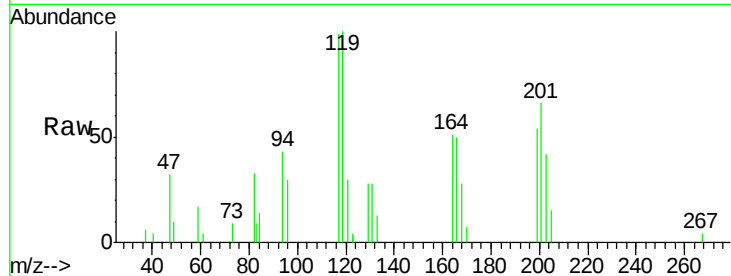
#90
Hexachloroethane
Concen: 38.574 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:117 Resp: 3313
Ion Ratio Lower Upper
117 100
201 72.3 35.3 105.9

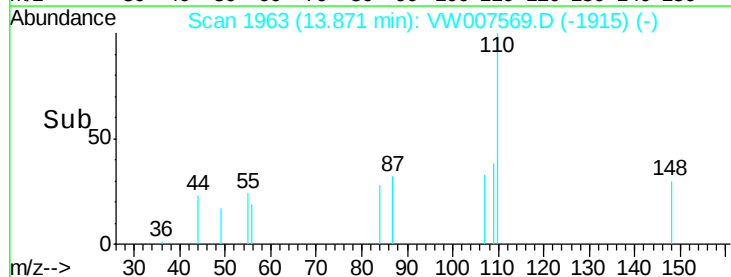
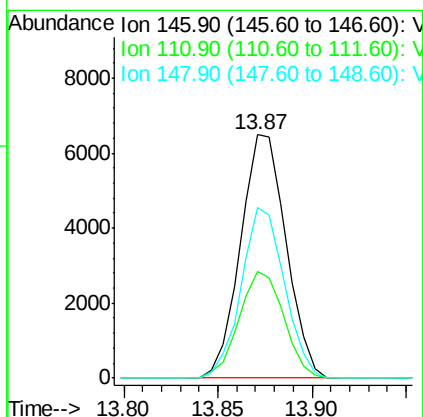
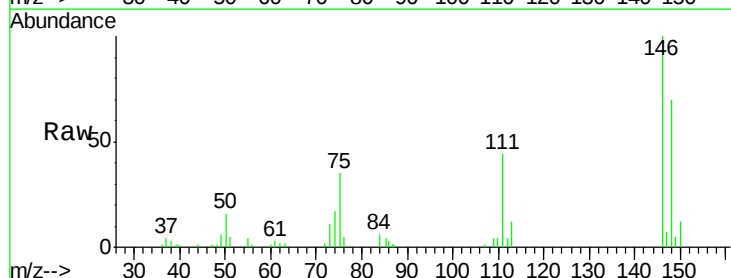
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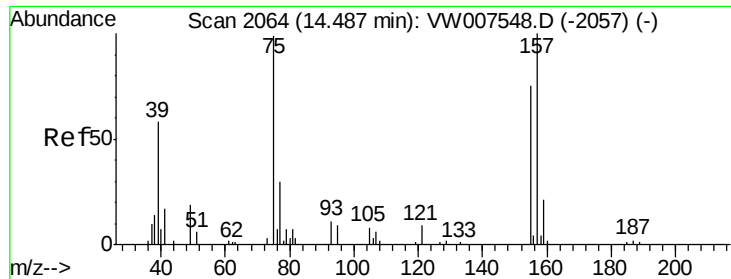
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#91
1,2-Dichlorobenzene
Concen: 51.670 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.01 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion:146 Resp: 10873
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.2
148 66.5 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 101.701 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Instrument :

MSVOA_W

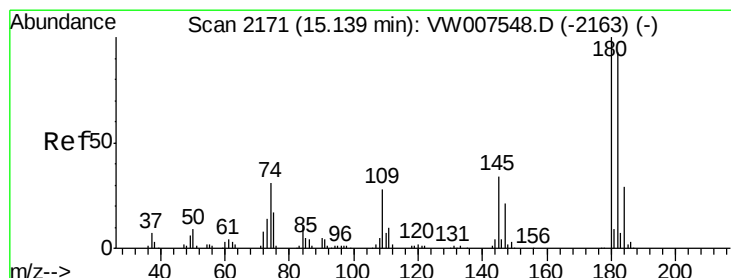
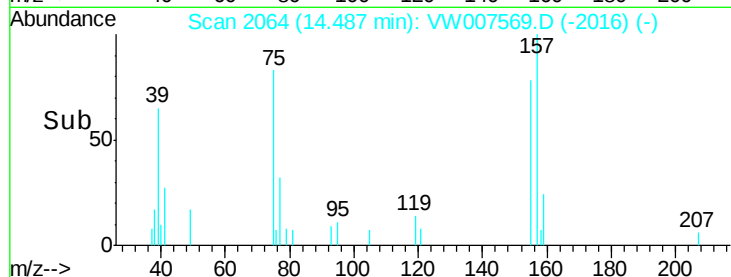
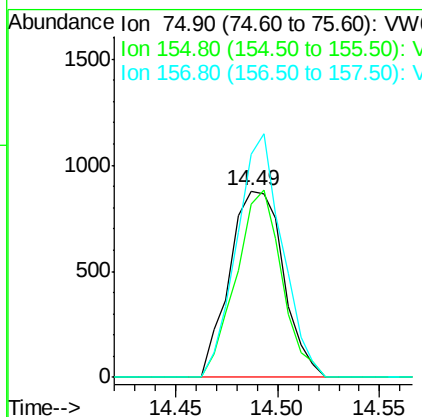
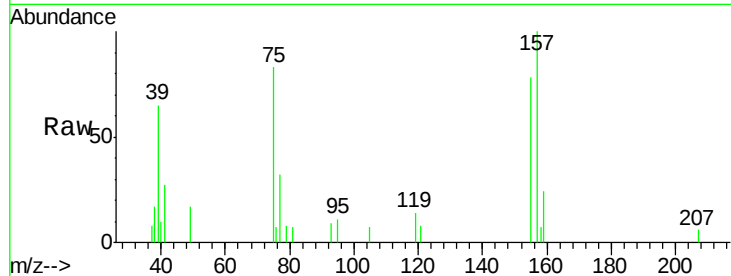
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	75	Resp:	1607
Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.8	122.2
157	110.8	51.1	153.4

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#93

1,2,4-Trichlorobenzene

Concen: 24.700 ug/l

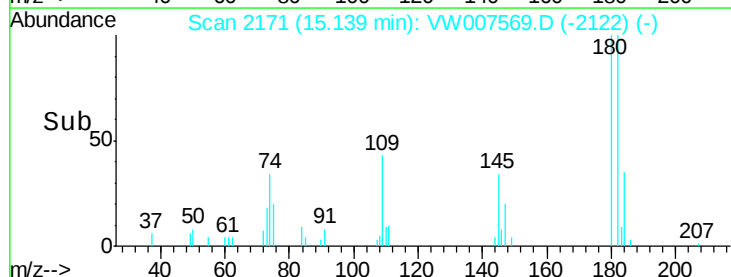
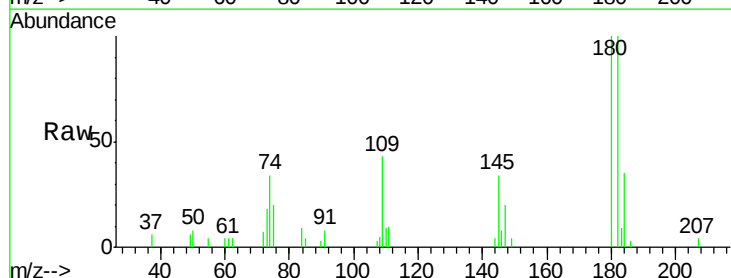
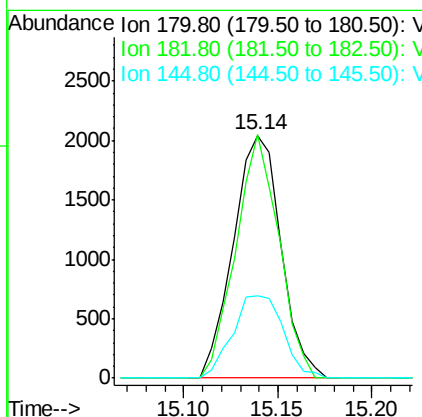
RT: 15.14 min Scan# 2171

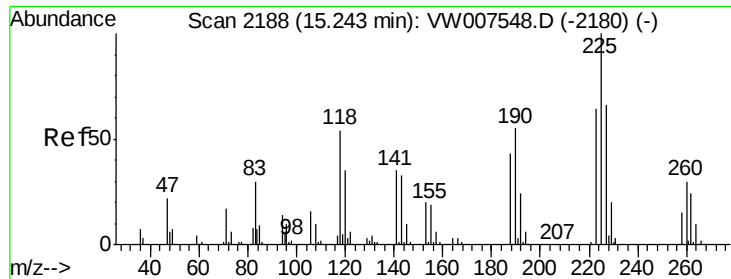
Delta R.T. -0.00 min

Lab File: VW007569.D

Acq: 15 Dec 2018 07:58

Tgt Ion:	180	Resp:	3577
Ion	Ratio	Lower	Upper
180	100		
182	90.2	49.9	149.6
145	36.1	17.8	53.4





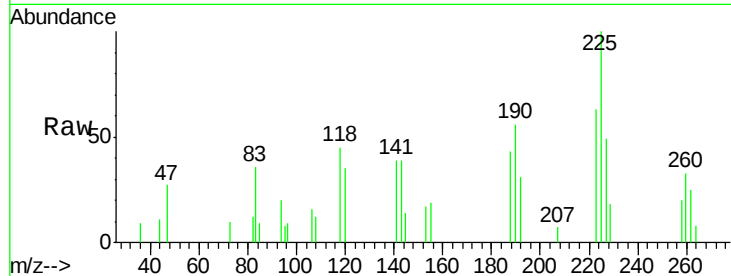
#94
Hexachlorobutadiene
Concen: 16.294 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.1	96.3
227	62.9	31.9	95.9

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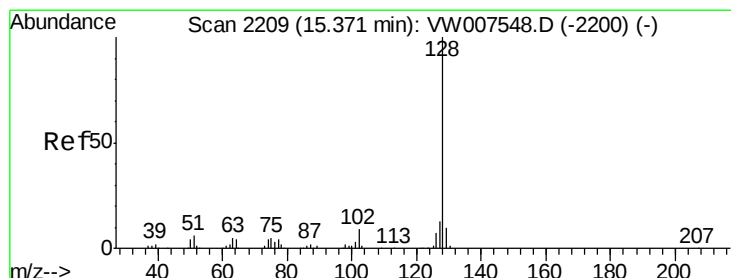
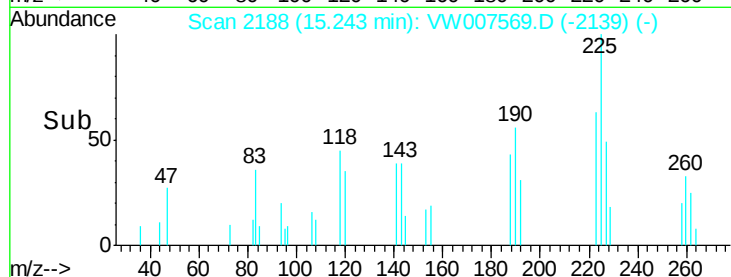
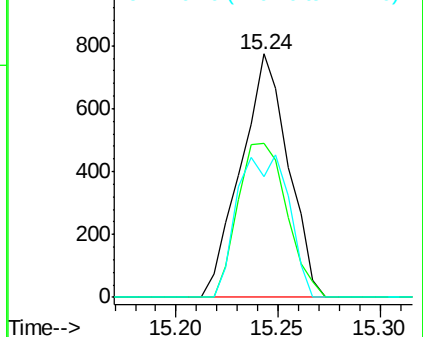


Abundance

Ion 224.70 (224.40 to 225.40): V

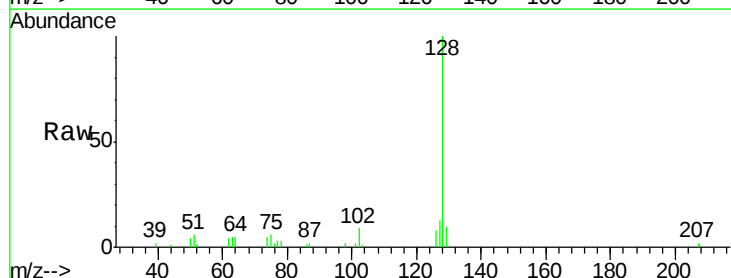
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 37.991 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007569.D
Acq: 15 Dec 2018 07:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	11.2	8.3	12.5

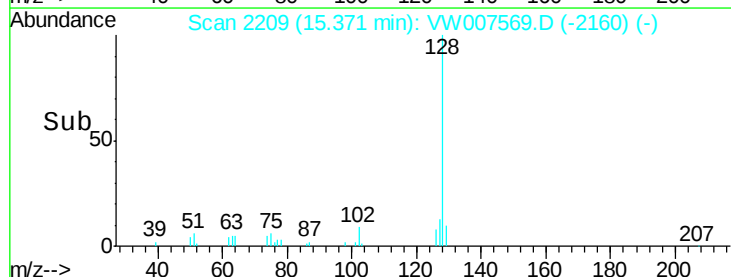
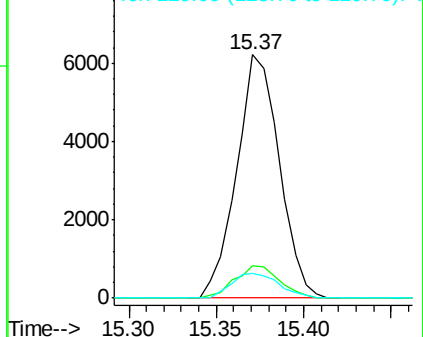


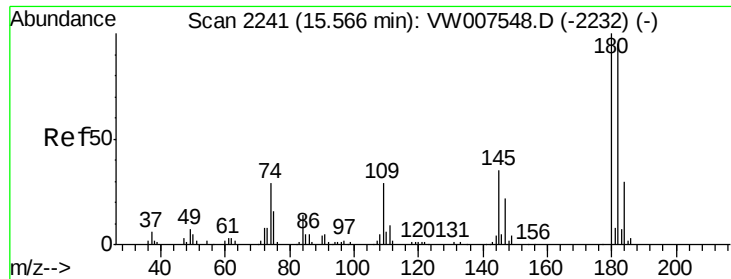
Abundance

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: 23.506 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW007569.D
 Acq: 15 Dec 2018 07:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:	180	Resp:	2957
Ion Ratio	Lower	Upper	
180	100		
182	91.8	45.6	136.7
145	36.2	17.5	52.5

Manual Integrations
 APPROVED

apatel
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