

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004477.D
 Acq On : 06 Aug 2018 18:43
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 8/7/2018 4:48:55 PM

Quant Time: Aug 07 08:09:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	755969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1165142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1114788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	603811	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	83155	10.78	ug/l	0.00
Spiked Amount						
			Recovery	=	21.56%	
35) Dibromofluoromethane	7.88	113	79543	10.71	ug/l	0.00
Spiked Amount						
			Recovery	=	21.42%	
50) Toluene-d8	10.33	98	294073	10.08	ug/l	0.00
Spiked Amount						
			Recovery	=	20.16%	
62) 4-Bromofluorobenzene	12.62	95	104144	10.04	ug/l	0.00
Spiked Amount						
			Recovery	=	20.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	52747	17.22	ug/l	100
3) Chloromethane	2.21	50	72183	14.93	ug/l	99
4) Vinyl Chloride	2.37	62	111050	14.19	ug/l	96
5) Bromomethane	2.78	94	62366	12.39	ug/l	98
6) Chloroethane	2.92	64	62781	12.84	ug/l	100
7) Trichlorofluoromethane	3.25	101	39390	9.12	ug/l	100
8) Diethyl Ether	3.67	74	50195	12.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91128	11.86	ug/l	99
10) Methyl Iodide	4.27	142	129040	11.28	ug/l	99
11) Tert butyl alcohol	5.21	59	23221	41.90	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	86917	11.37	ug/l	98
13) Acrolein	3.89	56	31548	61.76	ug/l	99
14) Allyl chloride	4.66	41	127262	10.51	ug/l	99
15) Acrylonitrile	5.37	53	109146	61.56	ug/l	99
16) Acetone	4.14	43	115578	65.66	ug/l	97
17) Carbon Disulfide	4.38	76	285854	12.09	ug/l	99
18) Methyl Acetate	4.67	43	53926	11.72	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	115224	8.77	ug/l	99
20) Methylene Chloride	4.92	84	170711	20.07	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	92923	11.32	ug/l	95
22) Diisopropyl ether	6.31	45	259714	11.18	ug/l	93
23) Vinyl Acetate	6.26	43	738169	54.31	ug/l	99
24) 1,1-Dichloroethane	6.21	63	172648	11.50	ug/l	100
25) 2-Butanone	7.18	43	171509	74.96	ug/l	98
26) 2,2-Dichloropropane	7.17	77	95883	11.31	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	97201	11.57	ug/l	97
28) Bromochloromethane	7.51	49	73115	13.39	ug/l	98
29) Tetrahydrofuran	7.54	42	84905	60.35	ug/l	99
30) Chloroform	7.68	83	171152	11.97	ug/l	99
31) Cyclohexane	7.95	56	166585	12.51	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	130975	11.31	ug/l	98
36) 1,1-Dichloropropene	8.09	75	132385	11.23	ug/l	99
37) Ethyl Acetate	7.26	43	62660	12.82	ug/l	98
38) Carbon Tetrachloride	8.07	117	119696	10.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149097	10.41	ug/l	97
40) Benzene	8.32	78	390891	11.73	ug/l	98
41) Methacrylonitrile	7.49	41	31517	11.27	ug/l	98
42) 1,2-Dichloroethane	8.40	62	110336	11.65	ug/l	100
43) Isopropyl Acetate	8.43	43	101216	11.53	ug/l	98
44) Trichloroethene	9.09	130	94354	10.60	ug/l	97
45) 1,2-Dichloropropane	9.37	63	94522	11.43	ug/l	96
46) Dibromomethane	9.46	93	49429	11.68	ug/l	99
47) Bromodichloromethane	9.65	83	114643	10.82	ug/l	99
48) Methyl methacrylate	9.44	41	46011	10.38	ug/l	97
49) 1,4-Dioxane	9.48	88	14298	222.25	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	362131	70.87	ug/l	98
52) Toluene	10.39	92	227945	10.98	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	111210	10.48	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	129989	10.50	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72460	12.05	ug/l	99
56) Ethyl methacrylate	10.65	69	74125	10.14	ug/l	100
57) 1,3-Dichloropropane	10.94	76	122605	11.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	166342	49.73	ug/l	100
59) 2-Hexanone	10.98	43	242034	69.22	ug/l	97
60) Dibromochloromethane	11.13	129	75943	10.64	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68046	11.85	ug/l	98
64) Tetrachloroethene	10.87	164	81571	10.06	ug/l	100
65) Chlorobenzene	11.66	112	258739	11.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87412	10.54	ug/l	97
67) Ethyl Benzene	11.74	91	417396	10.16	ug/l	98
68) m/p-Xylenes	11.85	106	330694	20.97	ug/l	97
69) o-Xylene	12.17	106	145946	10.01	ug/l	99
70) Styrene	12.19	104	249136	10.07	ug/l	99
71) Bromoform	12.35	173	47178	10.18	ug/l #	98
73) Isopropylbenzene	12.47	105	404119	9.59	ug/l	99
74) N-amyl acetate	12.28	43	93378	10.09	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	90365	11.97	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	64059m	11.74	ug/l	
77) Bromobenzene	12.75	156	101355	10.00	ug/l	98
78) n-propylbenzene	12.81	91	512626	10.01	ug/l	99
79) 2-Chlorotoluene	12.90	91	300873	10.26	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	354702	9.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24742	10.28	ug/l	94
82) 4-Chlorotoluene	12.99	91	326129	10.45	ug/l	99
83) tert-Butylbenzene	13.21	119	286518	9.50	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	365000	9.85	ug/l	100
85) sec-Butylbenzene	13.39	105	448253	10.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	382433	9.68	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	216419	10.61	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	218108	10.72	ug/l	98
89) n-Butylbenzene	13.84	91	373418	10.03	ug/l	98
90) Hexachloroethane	14.10	117	71811	10.17	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	197575	10.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14618	11.18	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	129480	10.10	ug/l	99
94) Hexachlorobutadiene	15.25	225	78203	10.03	ug/l	99
95) Naphthalene	15.38	128	224574	9.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	118239	10.46	ug/l	99

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

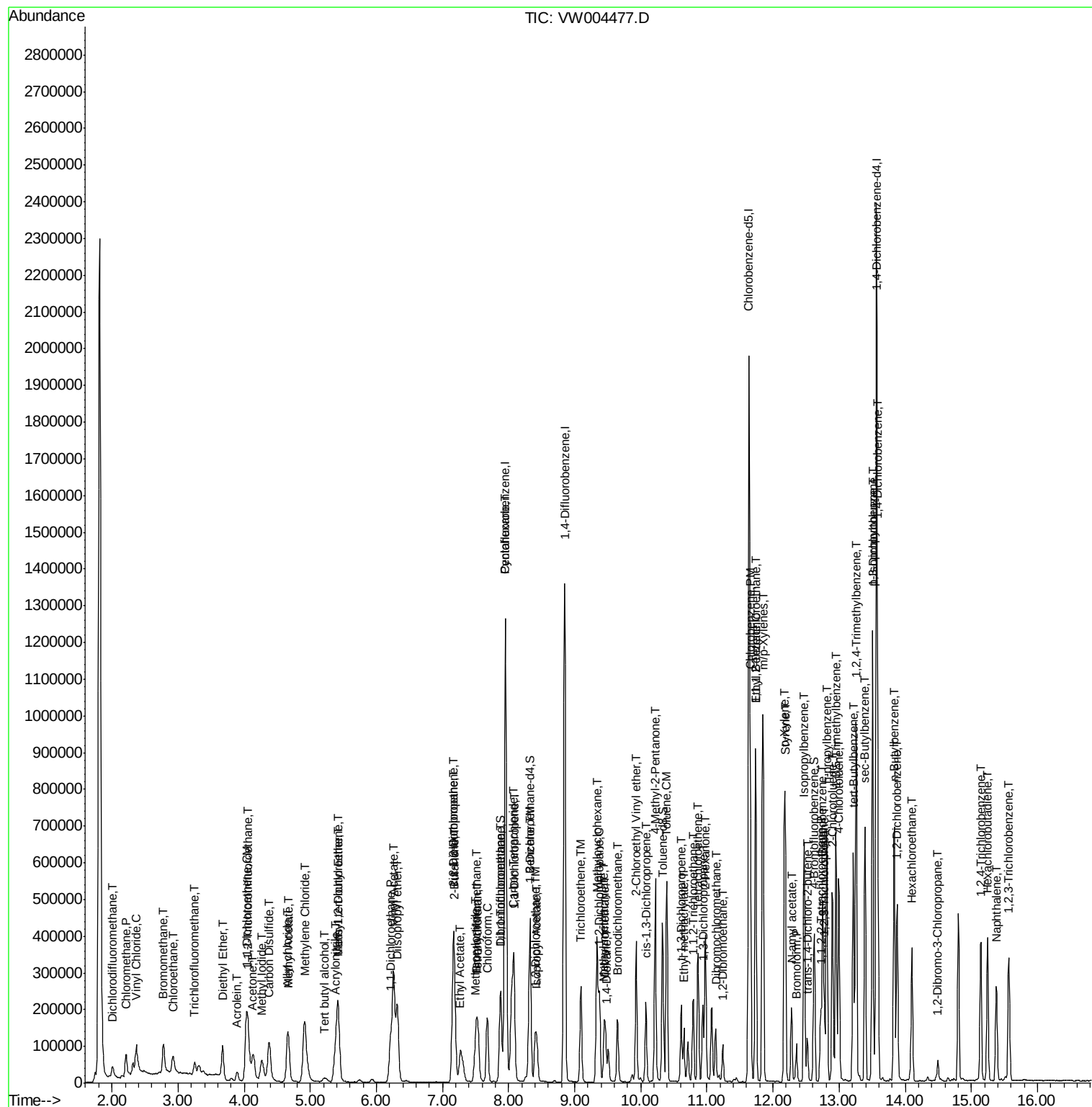
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080618\
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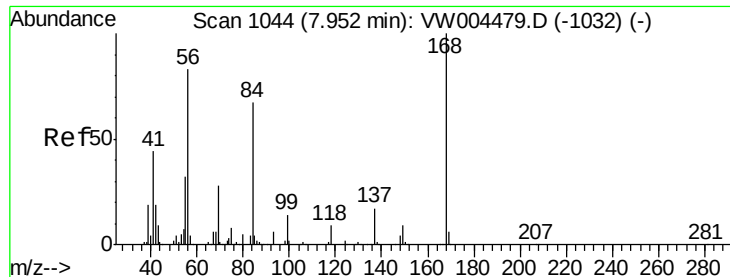
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 755969

Ion Ratio Lower Upper

168 100

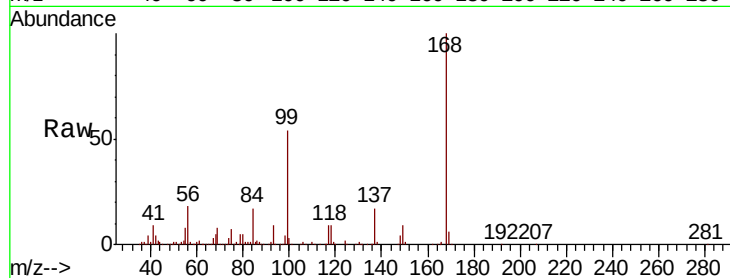
99 54.0 44.1 66.1

Manual Integrations

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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

400000

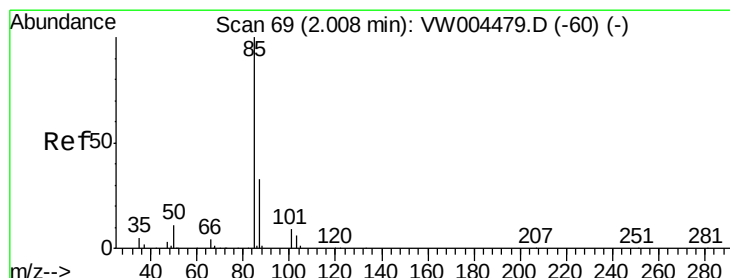
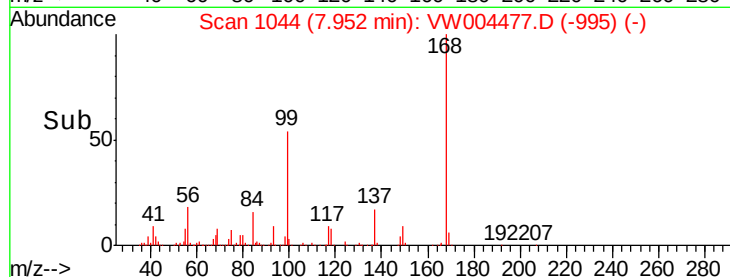
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.22 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004477.D

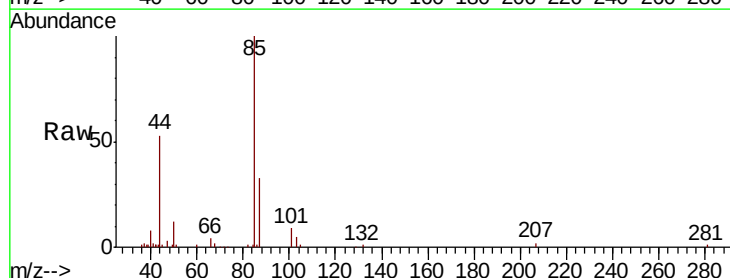
Acq: 06 Aug 2018 18:43

Tgt Ion: 85 Resp: 52747

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

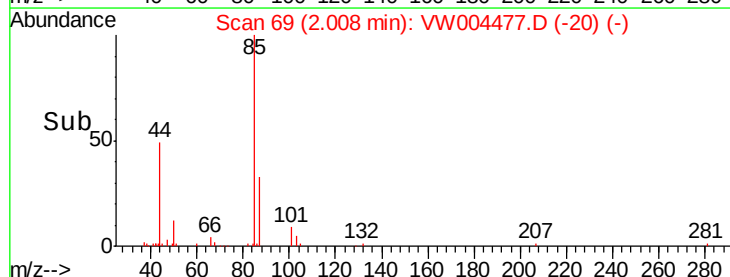
15000

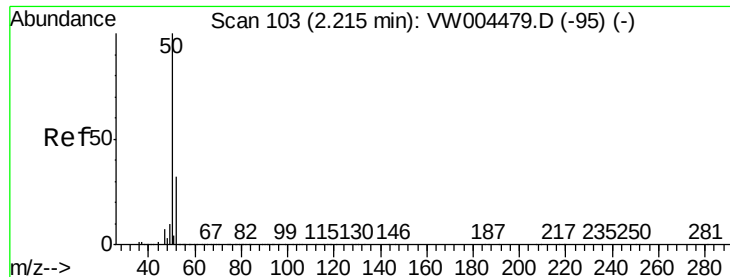
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 14.93 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 72183

Ion Ratio Lower Upper

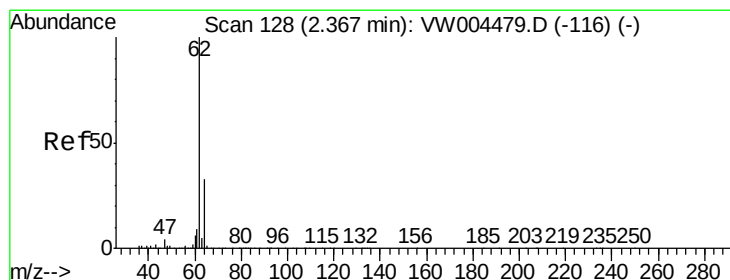
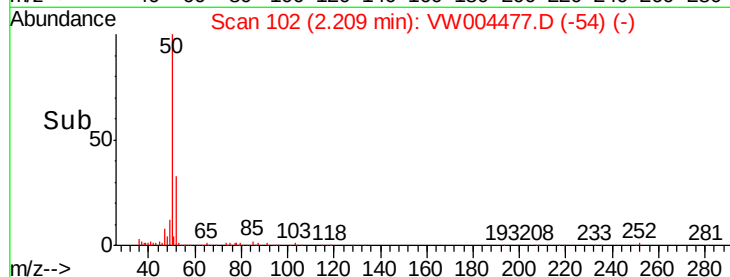
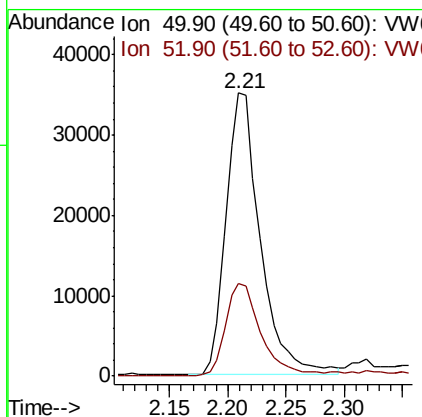
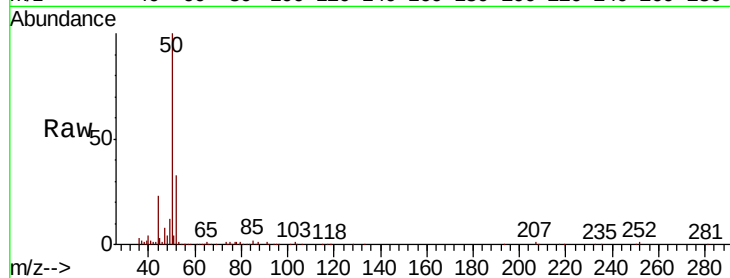
50 100

52 33.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 14.19 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004477.D

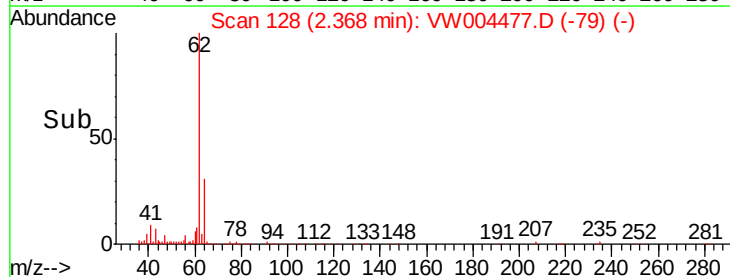
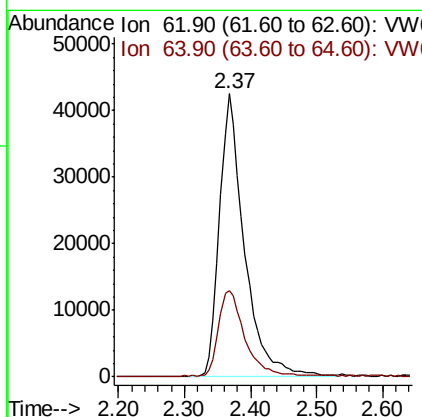
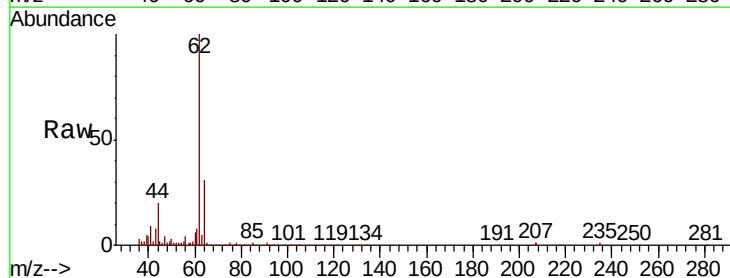
Acq: 06 Aug 2018 18:43

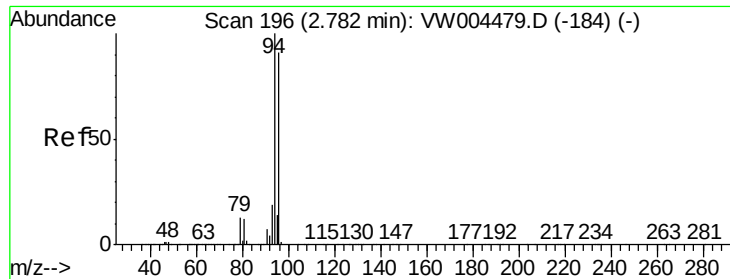
Tgt Ion: 62 Resp: 111050

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2





#5

Bromomethane

Concen: 12.39 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 62366

Ion Ratio Lower Upper

94 100

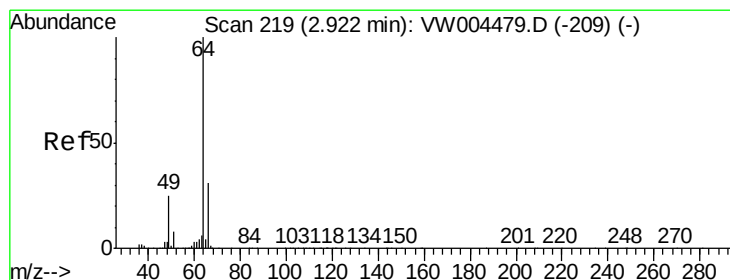
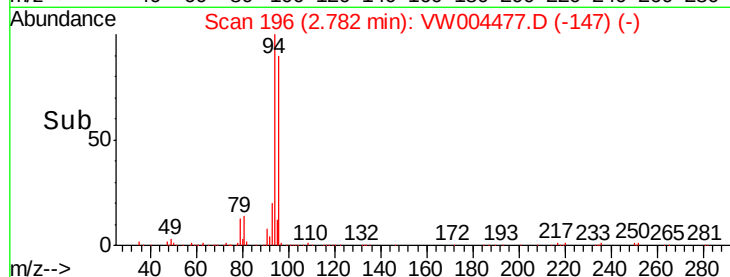
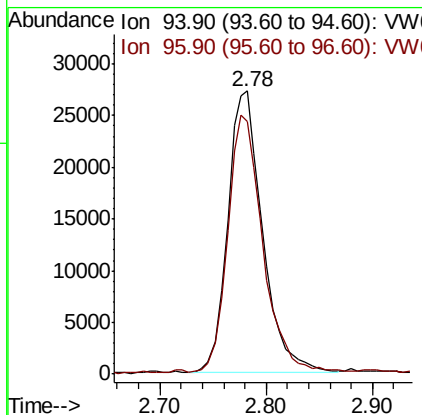
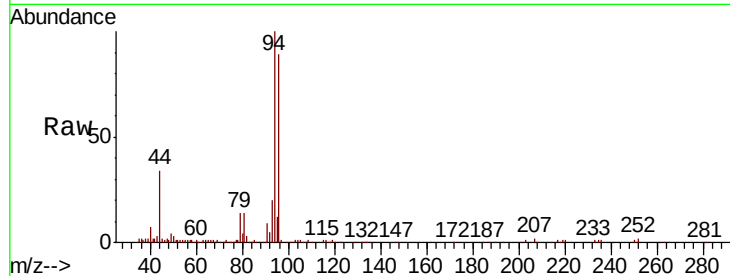
96 89.0 72.9 109.3

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#6

Chloroethane

Concen: 12.84 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004477.D

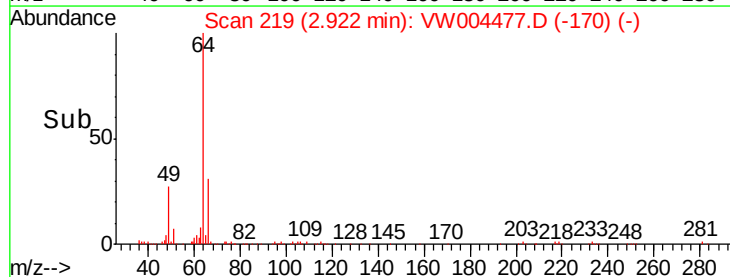
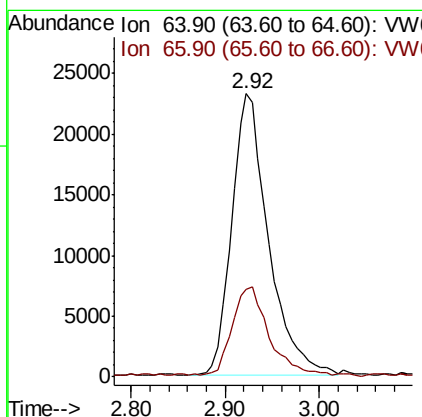
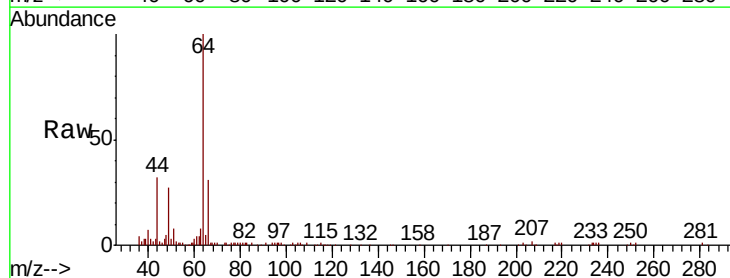
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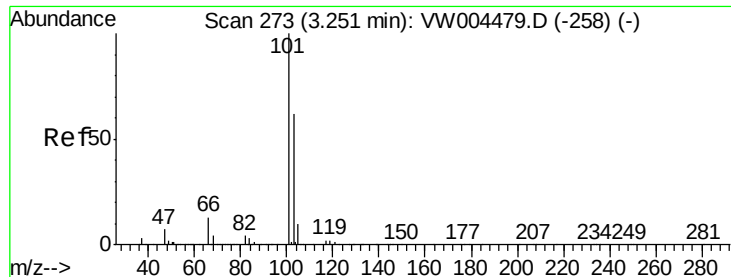
Tgt Ion: 64 Resp: 62781

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8





#7

Trichlorofluoromethane

Concen: 9.12 ug/l

RT: 3.25 min Scan# 273

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:101 Resp: 39390

Ion Ratio Lower Upper

101 100

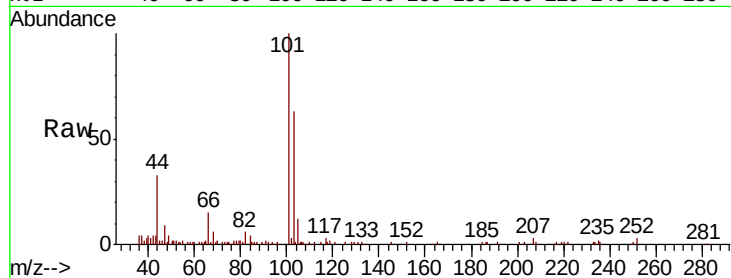
103 62.3 49.8 74.8

Manual Integrations

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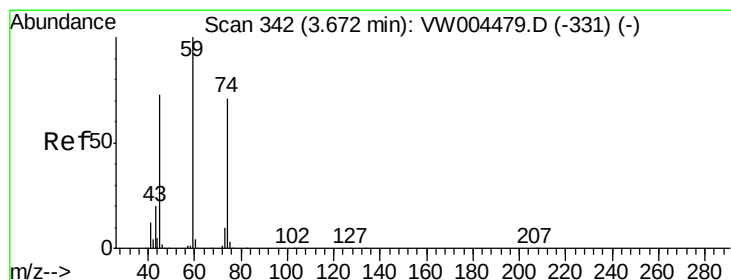
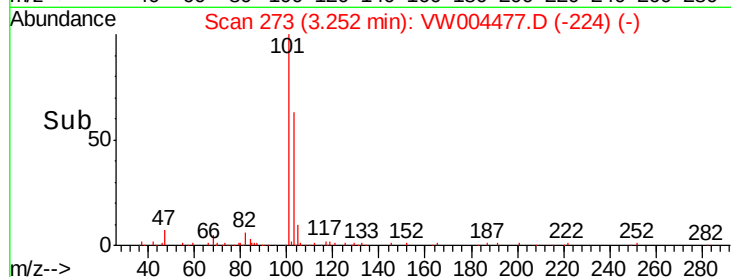
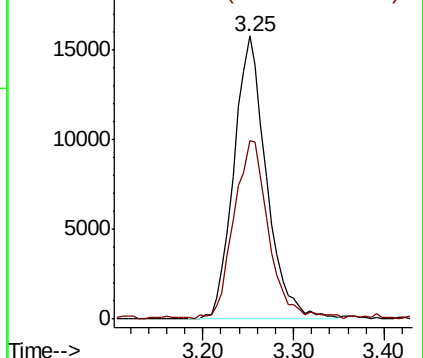
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 12.34 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004477.D

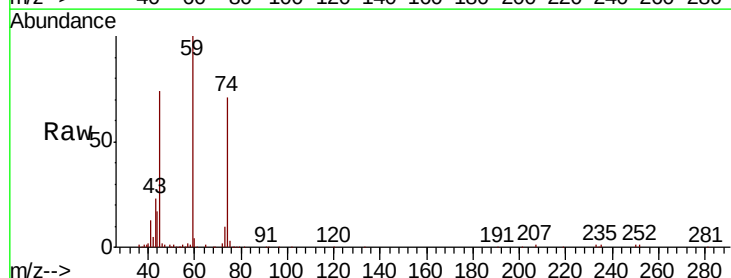
Acq: 06 Aug 2018 18:43

Tgt Ion: 74 Resp: 50195

Ion Ratio Lower Upper

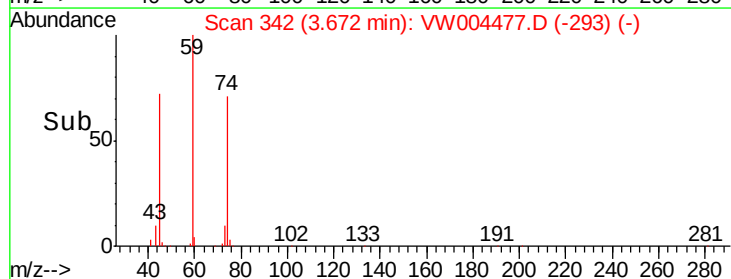
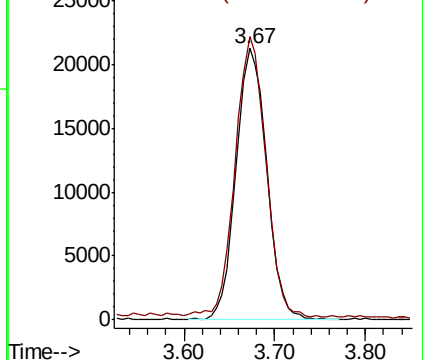
74 100

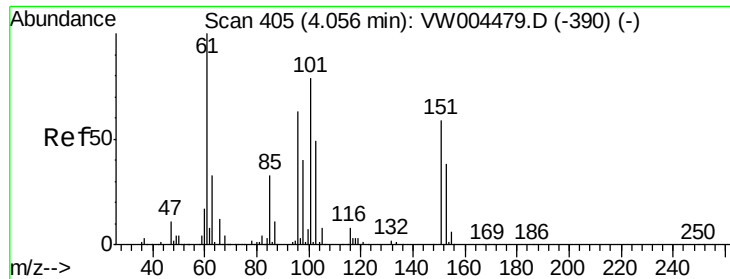
45 102.3 51.2 153.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.86 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

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MSVOA_W

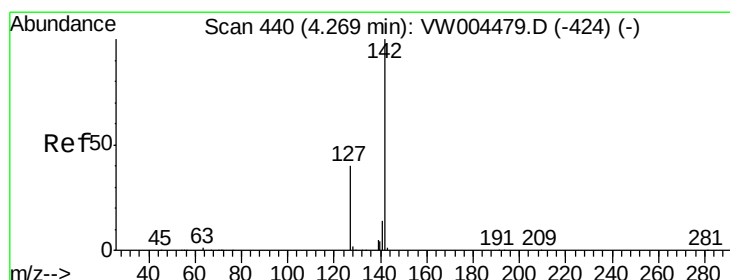
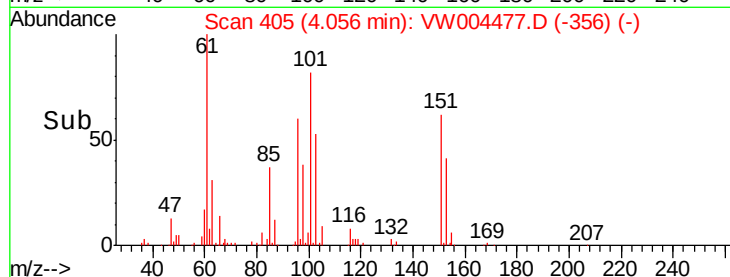
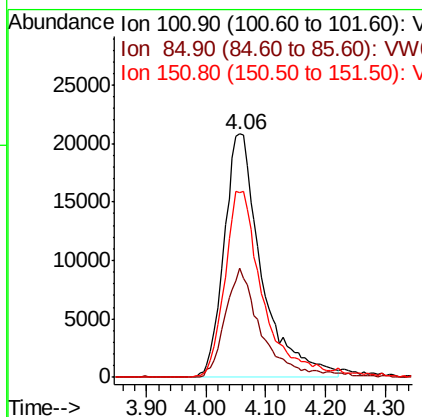
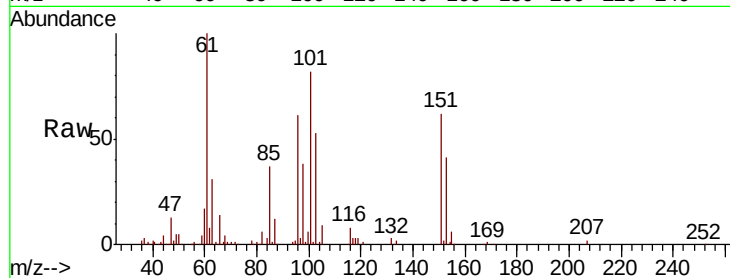
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	91128
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.6	51.8
151	76.3	61.3	91.9

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#10

Methyl Iodide

Concen: 11.28 ug/l

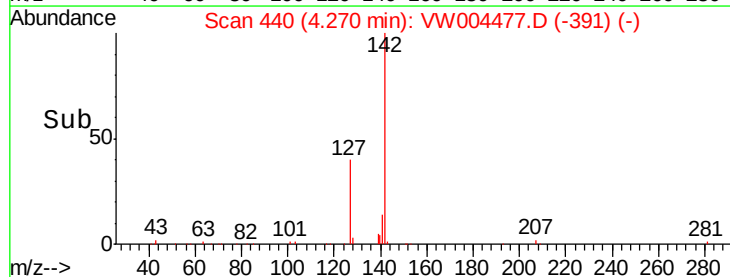
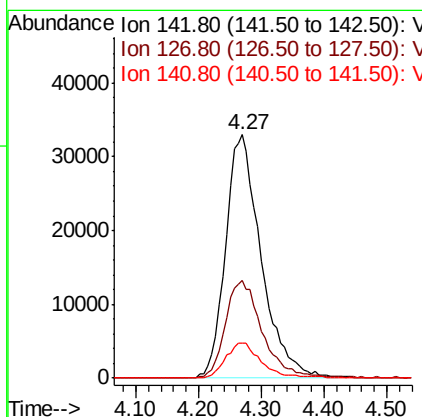
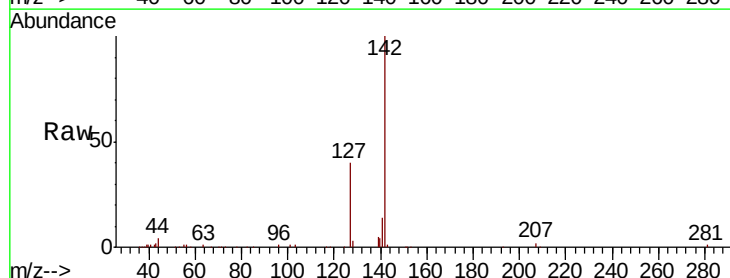
RT: 4.27 min Scan# 440

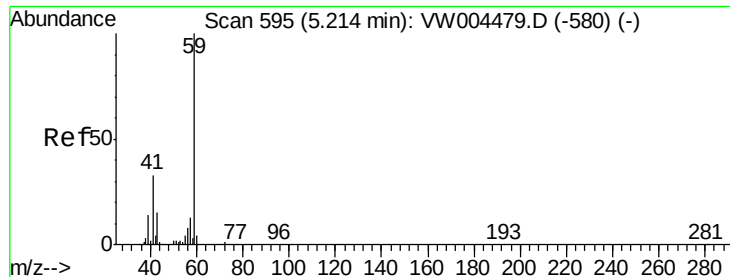
Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	142	Resp:	129040
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.7	49.1
141	14.4	11.5	17.3





#11

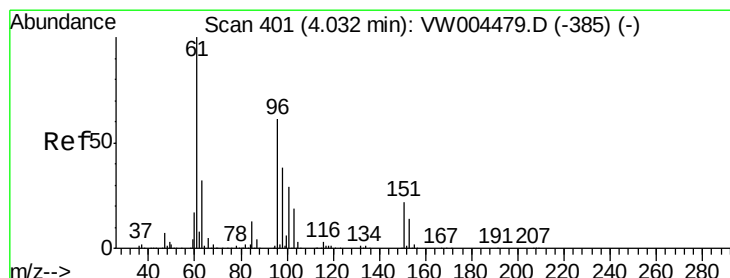
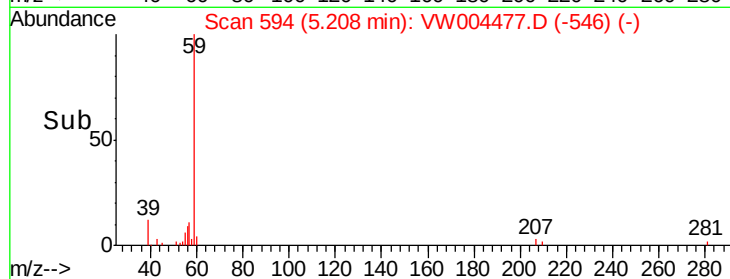
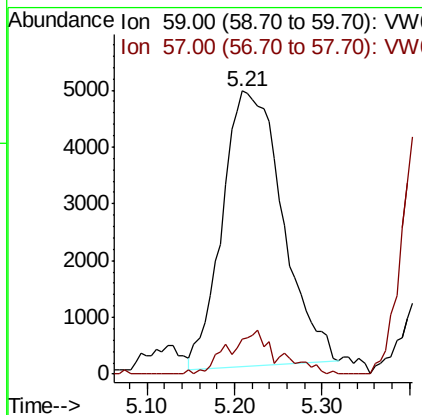
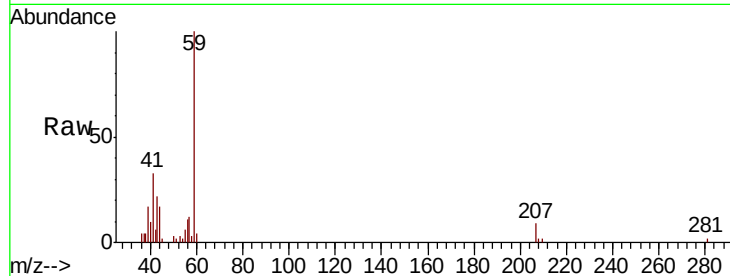
Tert butyl alcohol
 Concen: 41.90 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.4	9.1	13.7#

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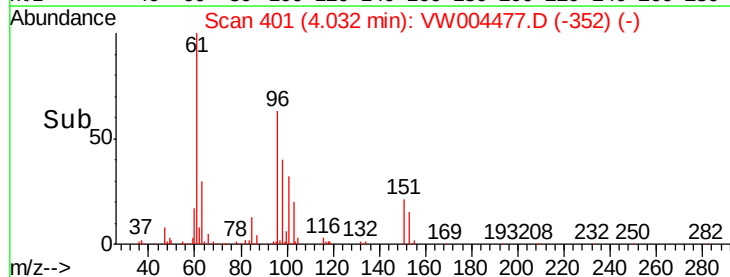
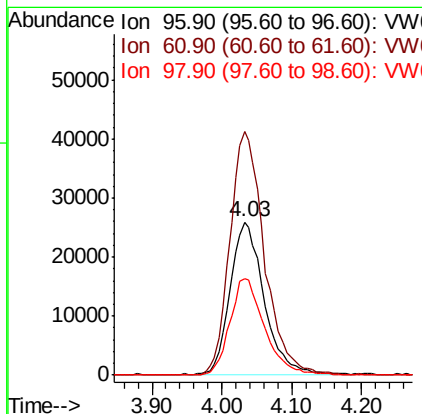
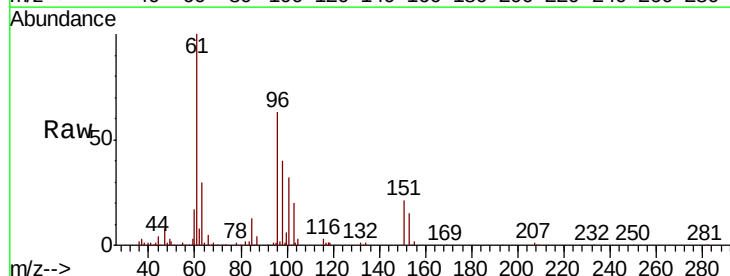
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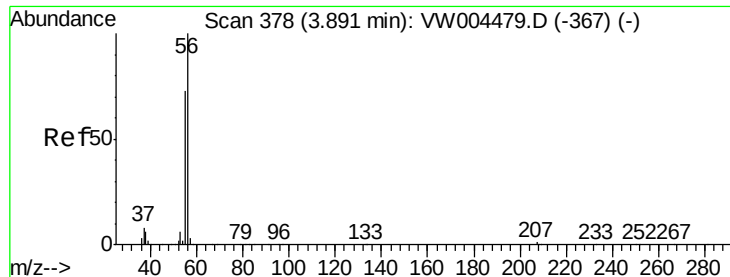


#12

1,1-Dichloroethene
 Concen: 11.37 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	130.6	195.8
98	63.0	49.6	74.4





#13

Acrolein

Concen: 61.76 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 31548

Ion Ratio Lower Upper

56 100

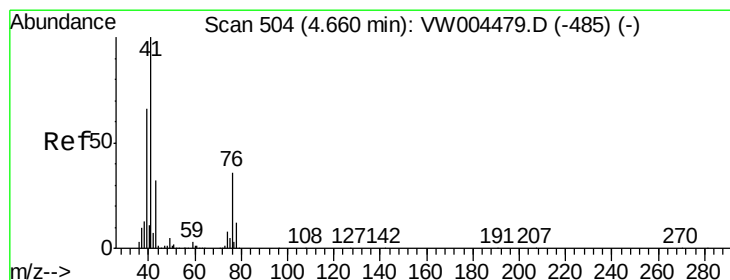
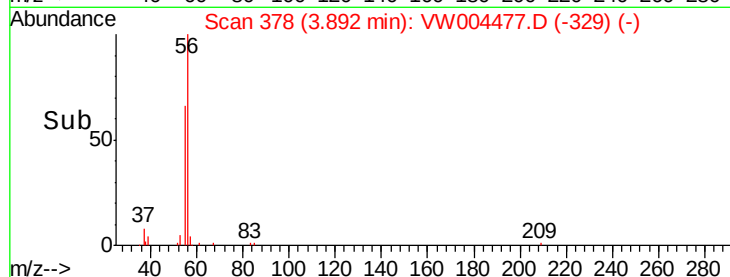
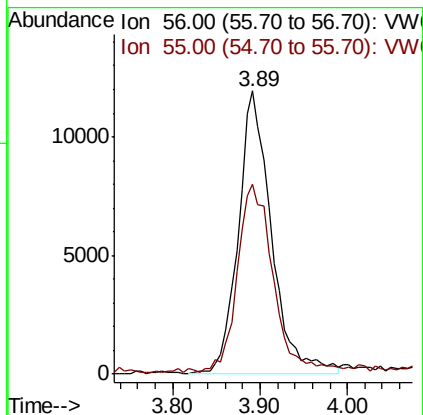
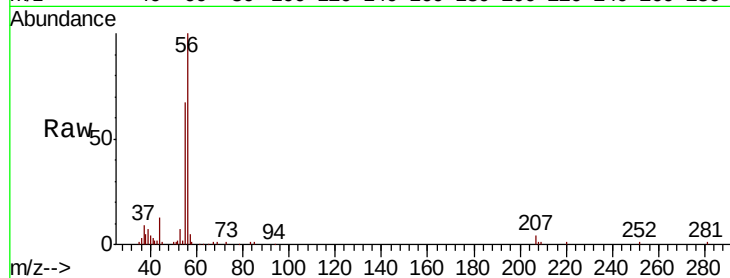
55 71.5 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 10.51 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

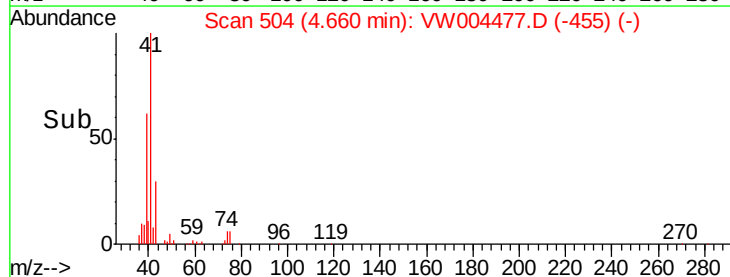
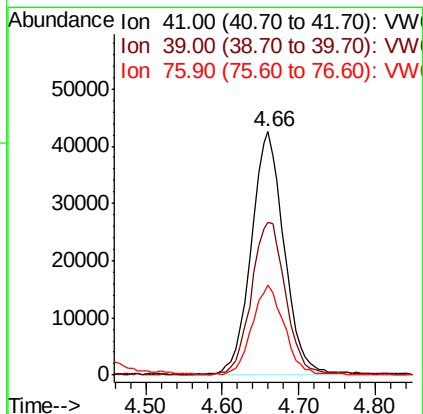
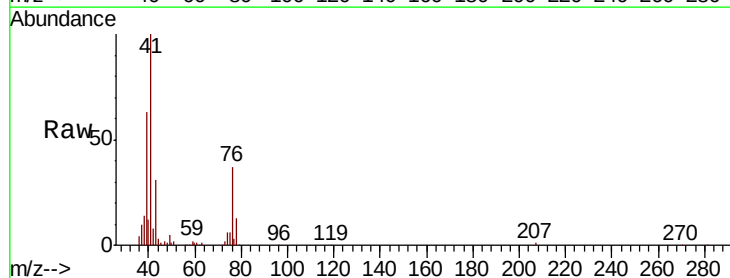
Tgt Ion: 41 Resp: 127262

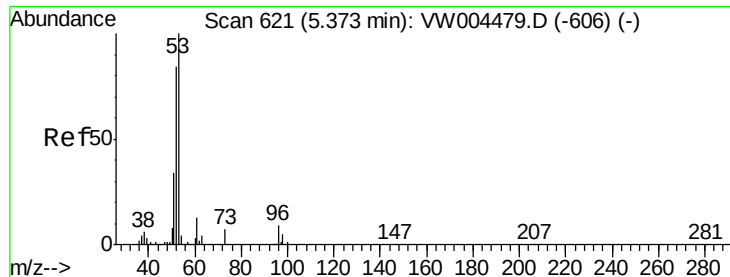
Ion Ratio Lower Upper

41 100

39 65.4 51.9 77.9

76 35.8 29.0 43.6





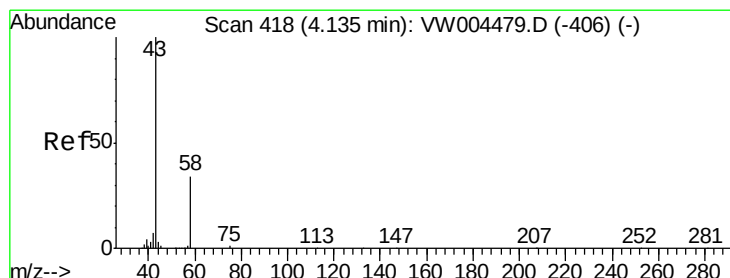
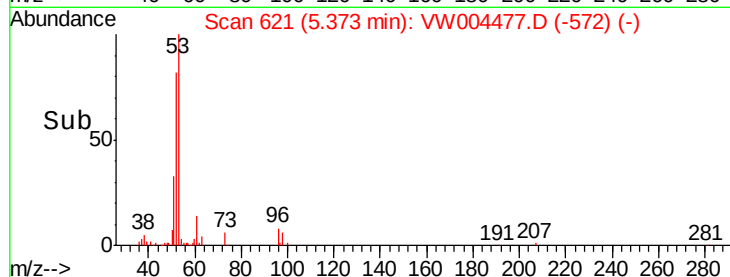
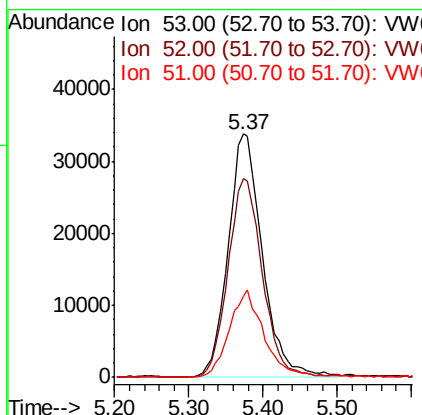
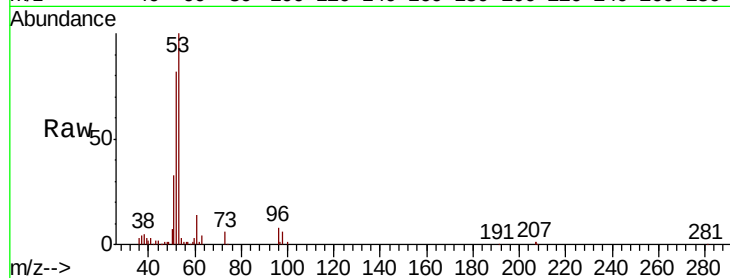
#15
 Acrylonitrile
 Concen: 61.56 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	53	Resp:	109146
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.5	99.7
51	36.3	28.4	42.6

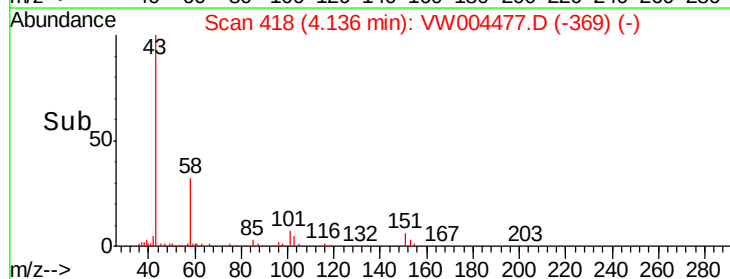
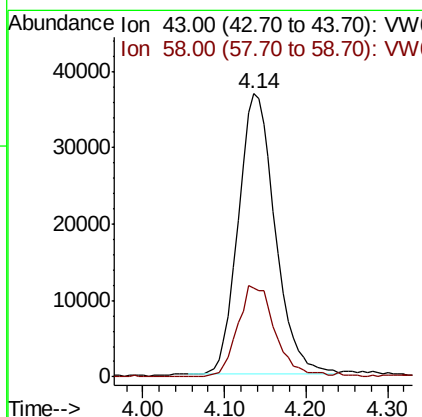
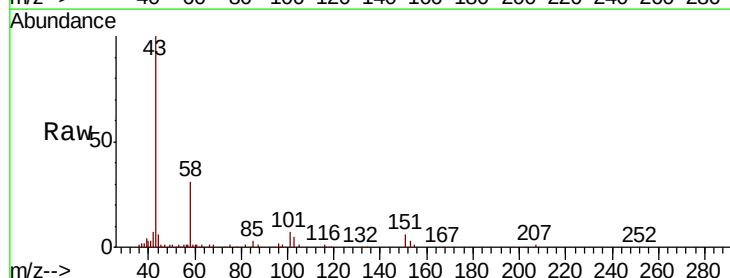
Manual Integrations
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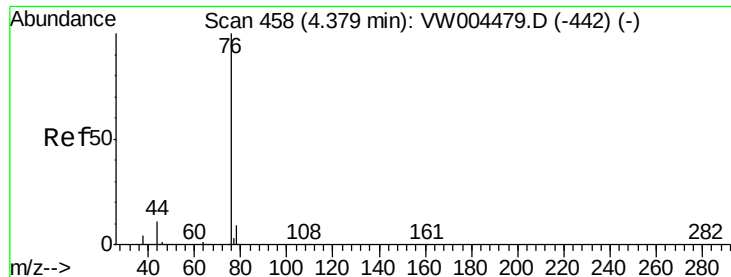
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#16
 Acetone
 Concen: 65.66 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:	43	Resp:	115578
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.8	40.2





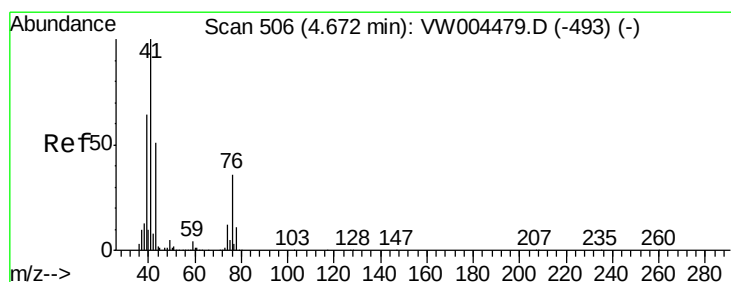
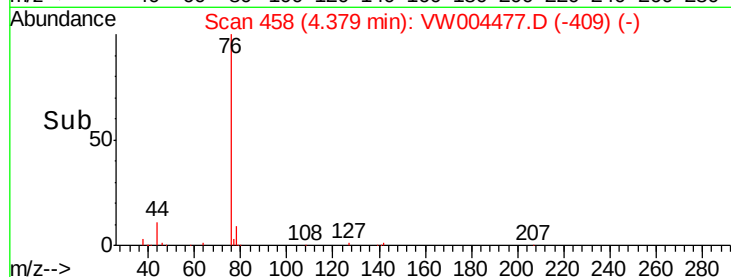
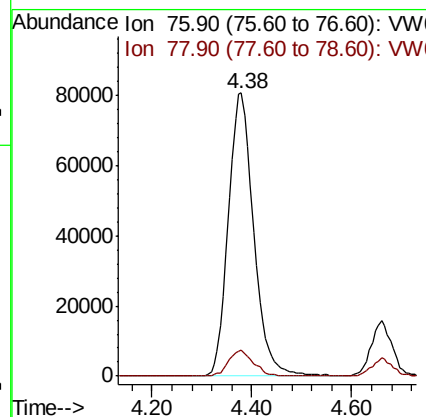
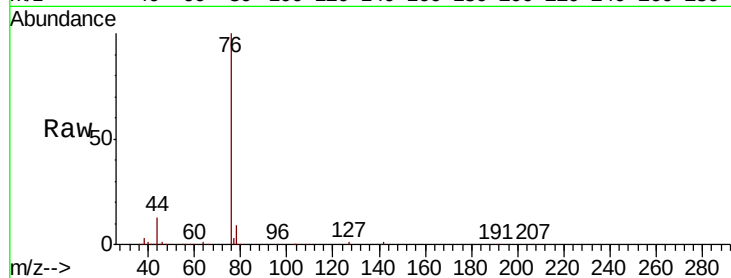
#17
Carbon Disulfide
Concen: 12.09 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
76	100	285854		
78	9.1		7.0	10.4

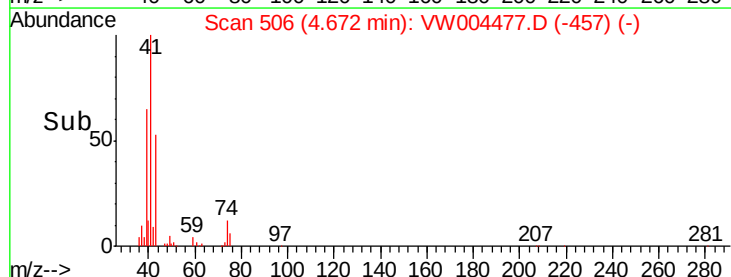
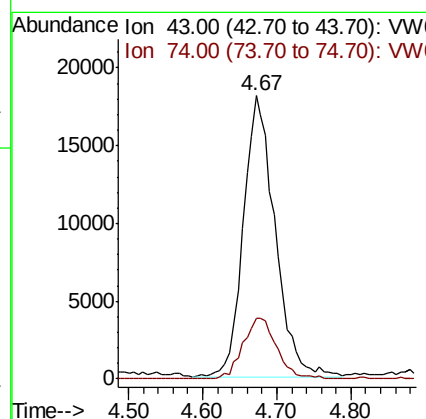
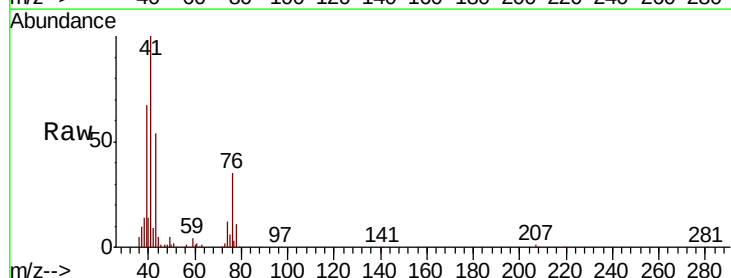
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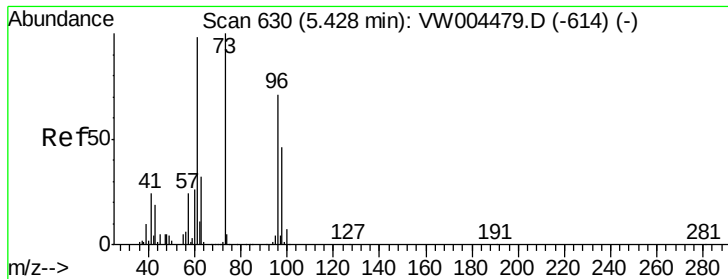
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#18
Methyl Acetate
Concen: 11.72 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	53926		
74	23.0		19.1	28.7





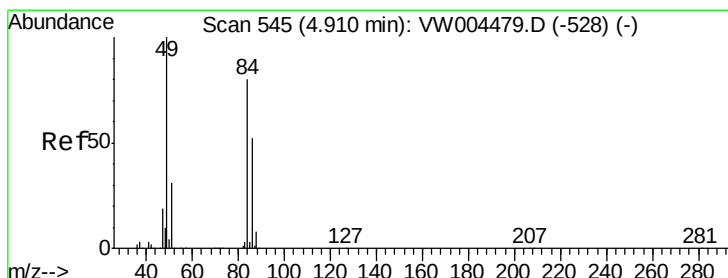
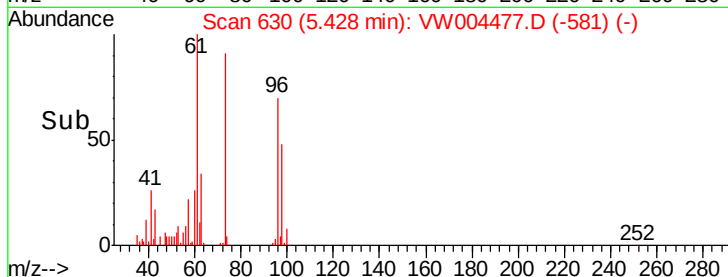
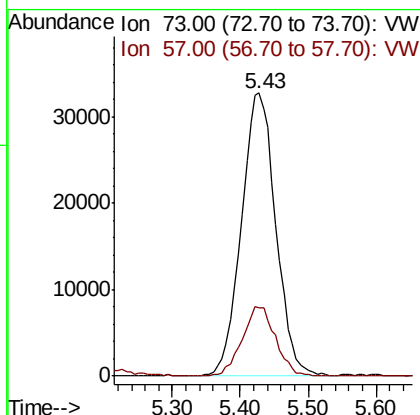
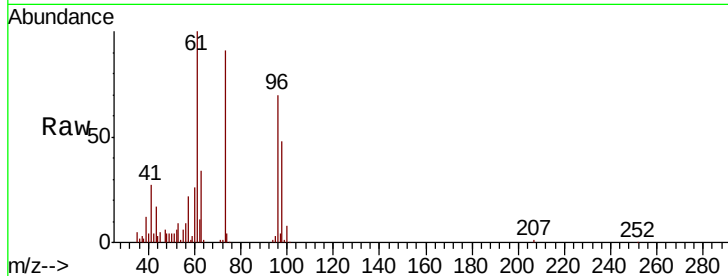
#19
Methyl tert-butyl Ether
Concen: 8.77 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.6	29.4

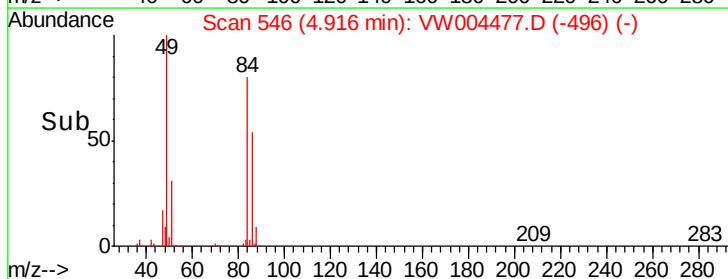
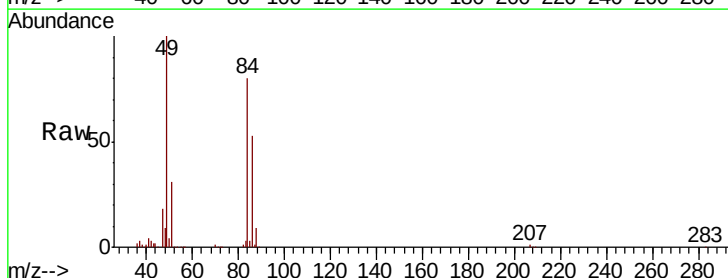
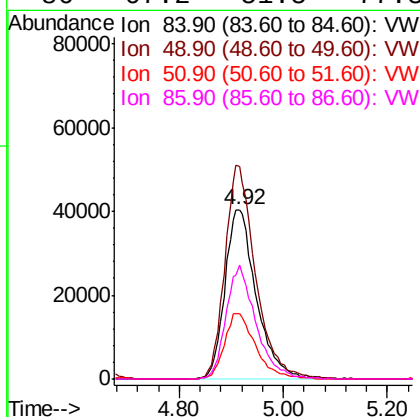
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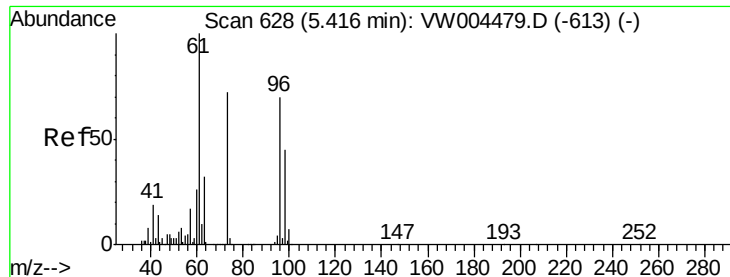
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#20
Methylene Chloride
Concen: 20.07 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	99.6	149.4
51	38.5	31.0	46.4
86	67.2	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 11.32 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

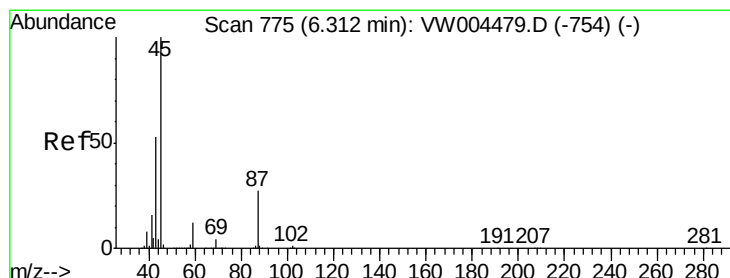
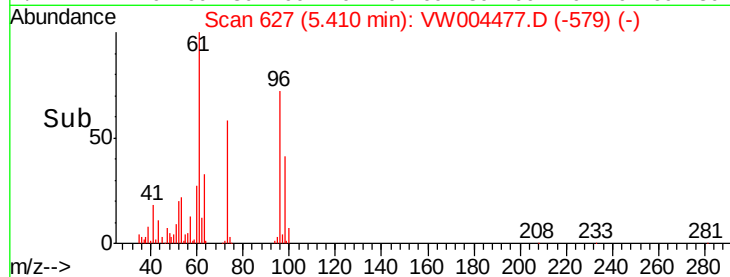
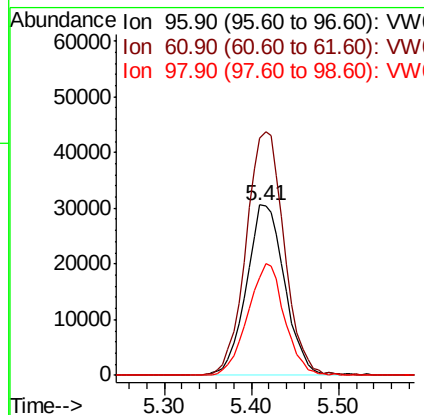
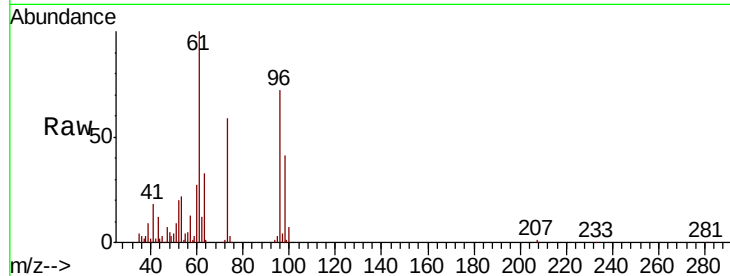
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	92923
Ion	Ratio	Lower	Upper
96	100		
61	138.7	114.1	171.1
98	56.9	51.4	77.2

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#22

Diisopropyl ether

Concen: 11.18 ug/l

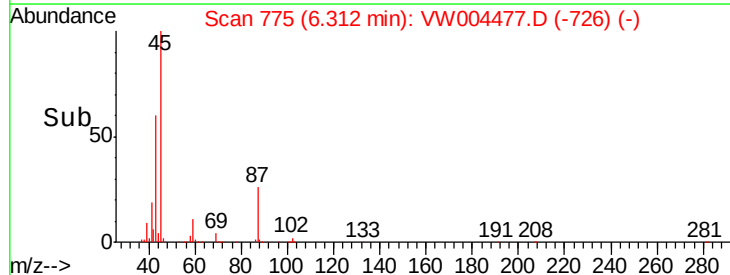
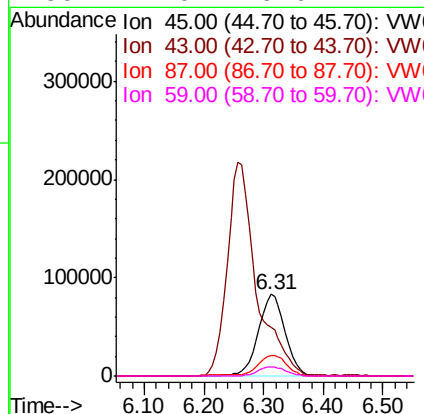
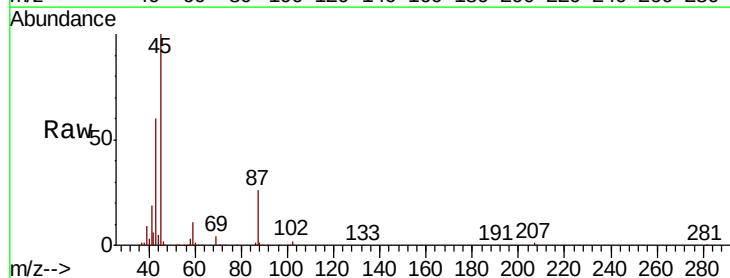
RT: 6.31 min Scan# 775

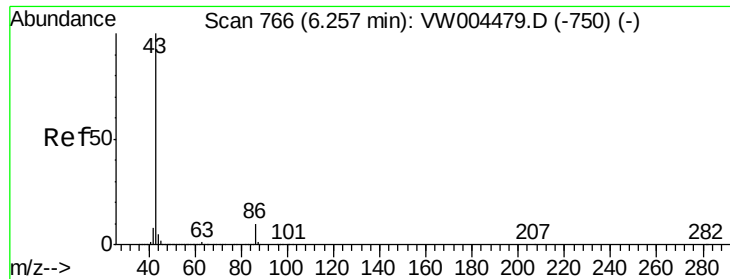
Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	45	Resp:	259714
Ion	Ratio	Lower	Upper
45	100		
43	59.7	42.4	63.6
87	25.8	21.6	32.4
59	11.0	9.6	14.4





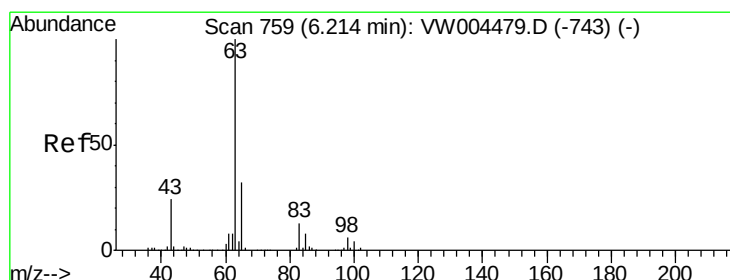
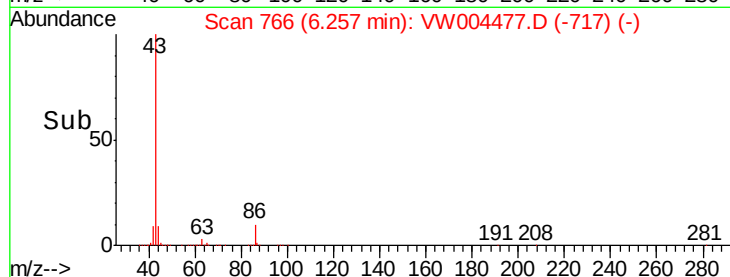
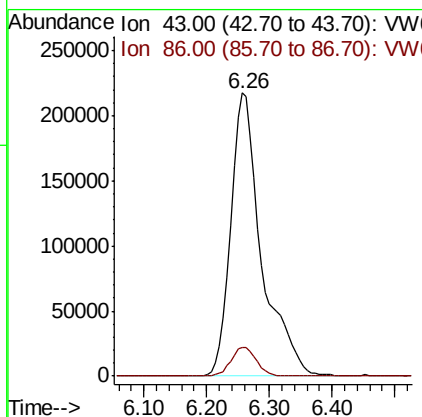
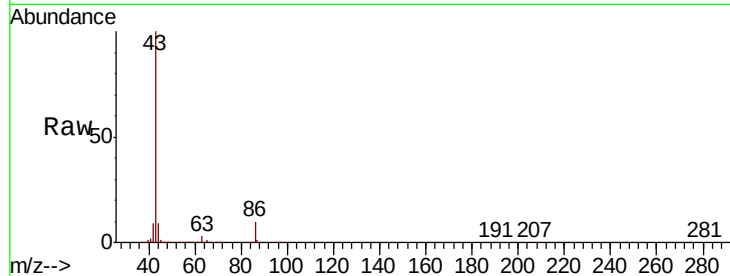
#23
 Vinyl Acetate
 Concen: 54.31 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.9	11.9

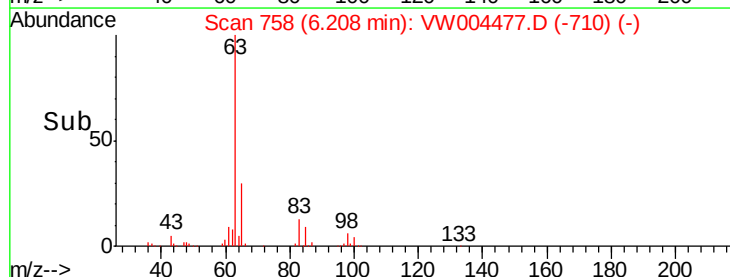
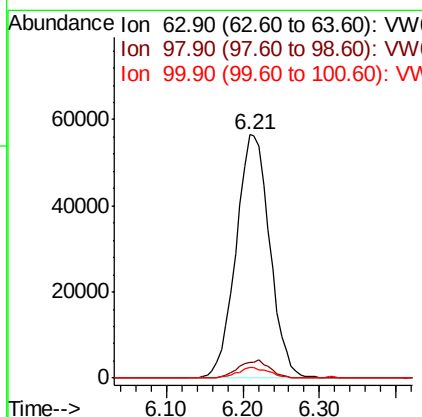
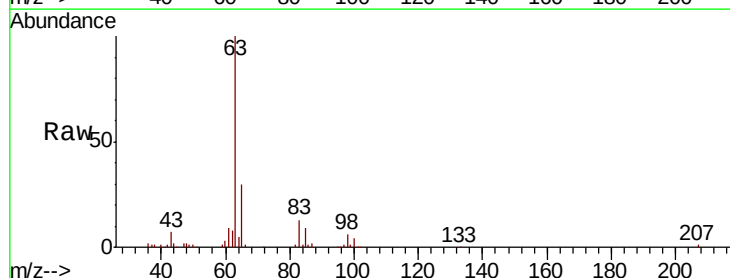
Manual Integrations
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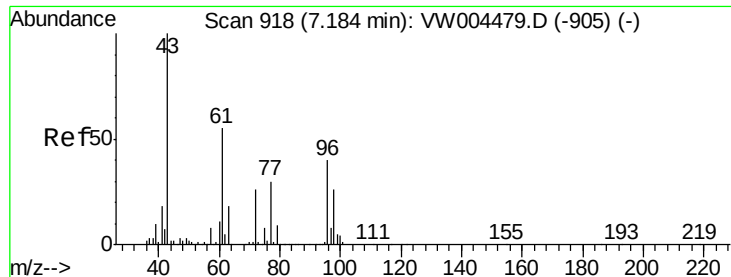
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#24
 1,1-Dichloroethane
 Concen: 11.50 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.3
100	4.1	2.1	6.5





#25

2-Butanone

Concen: 74.96 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 171509

Ion Ratio Lower Upper

43 100

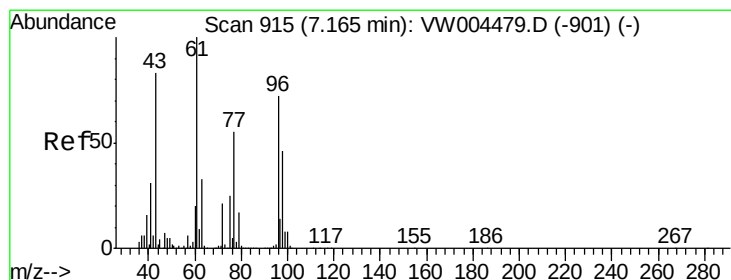
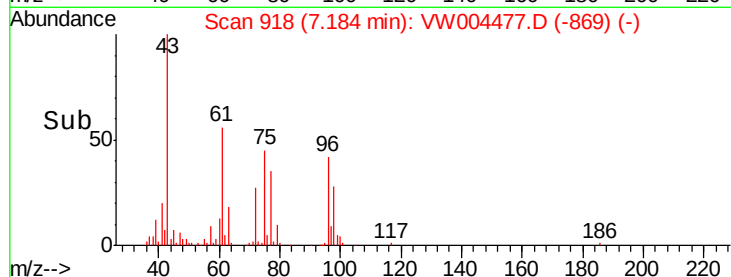
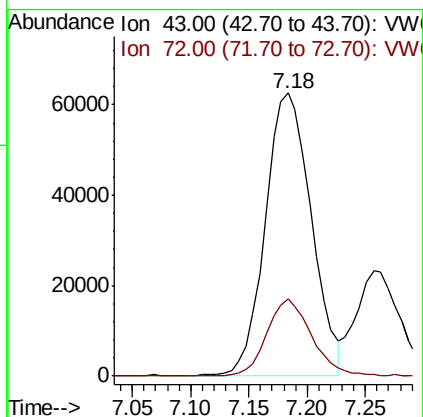
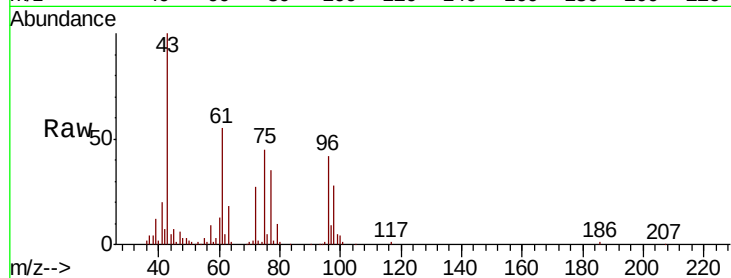
72 27.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.31 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004477.D

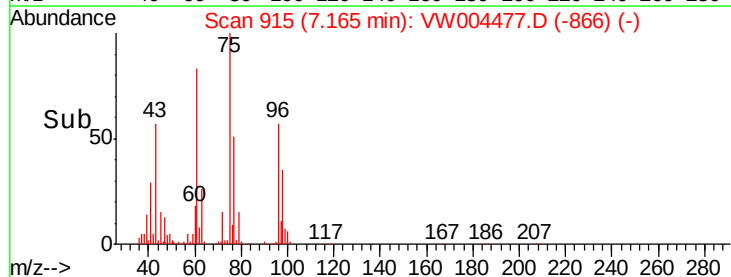
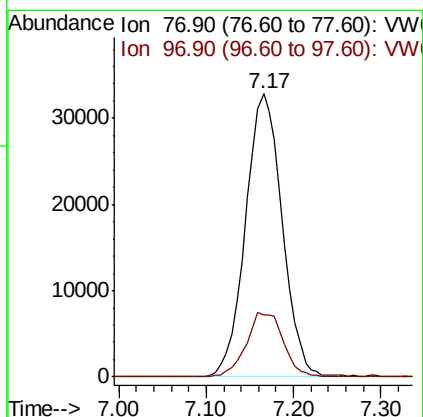
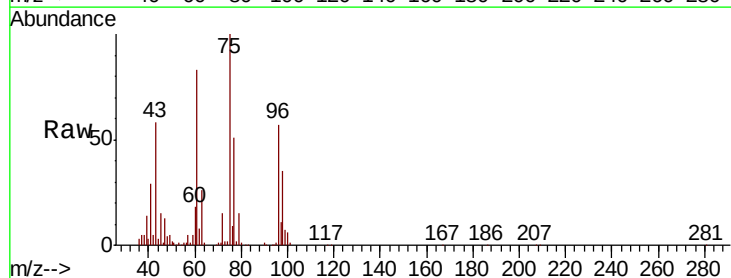
Acq: 06 Aug 2018 18:43

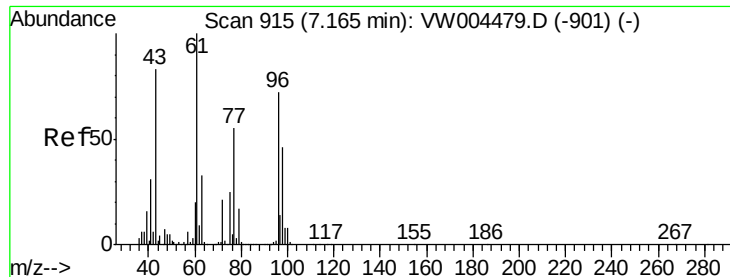
Tgt Ion: 77 Resp: 95883

Ion Ratio Lower Upper

77 100

97 22.8 12.5 37.5





#27

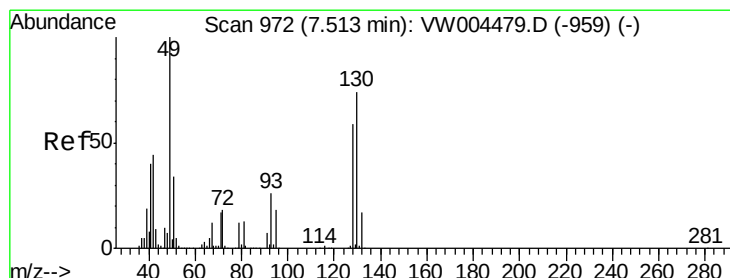
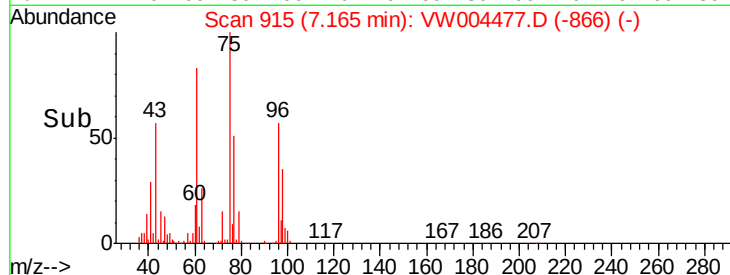
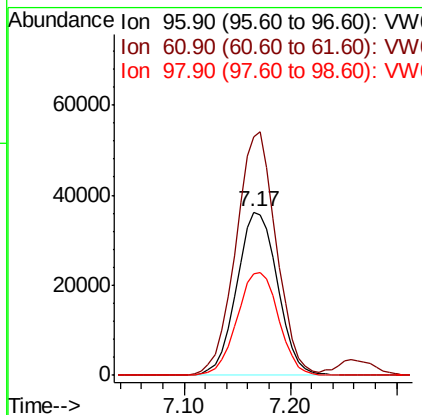
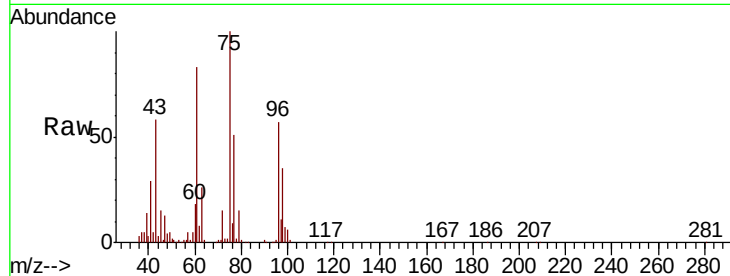
cis-1,2-Dichloroethene
 Concen: 11.57 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	285.0
98	64.4	0.0	128.6

Manual Integrations
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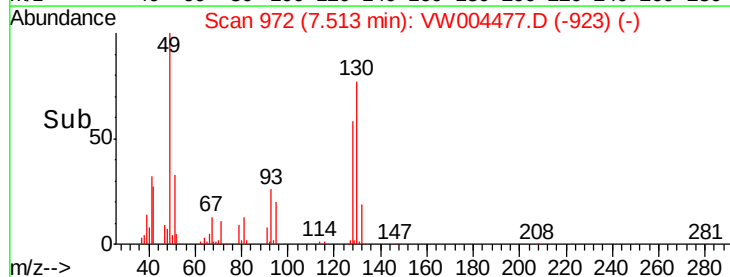
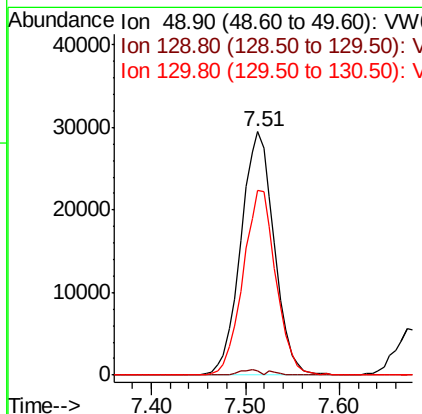
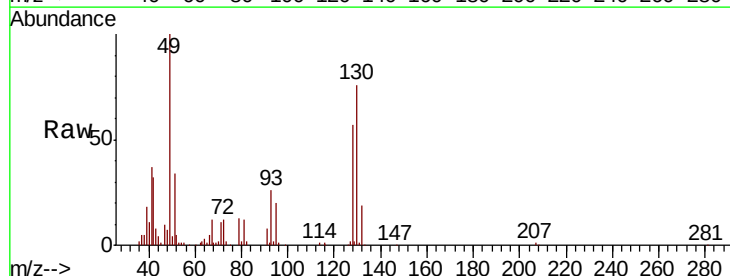
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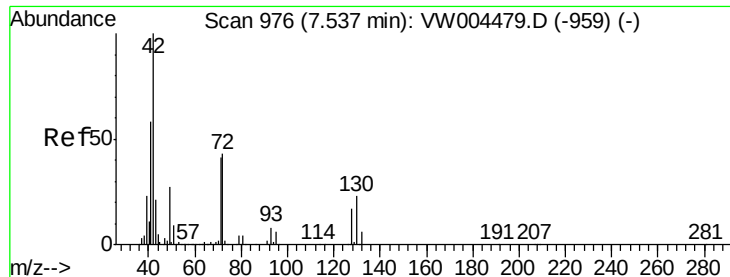


#28

Bromochloromethane
 Concen: 13.39 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	74.8	58.8	88.2





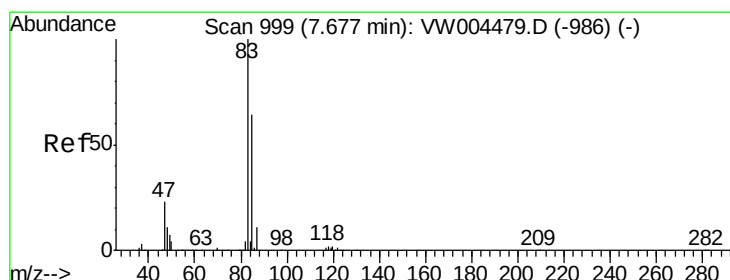
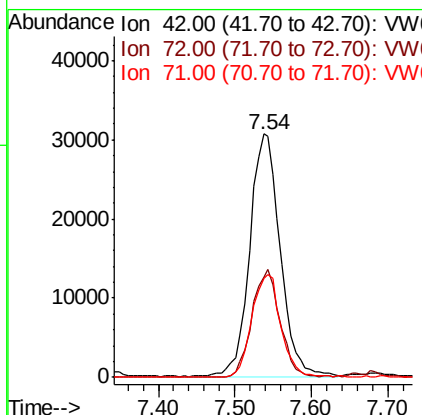
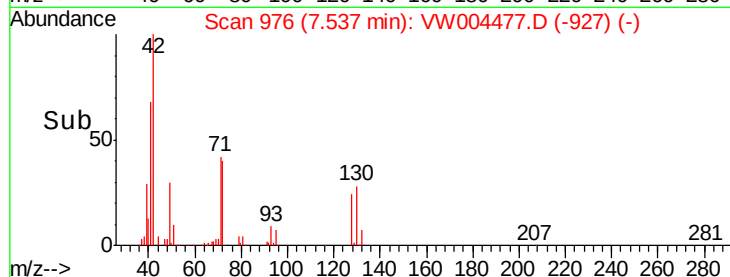
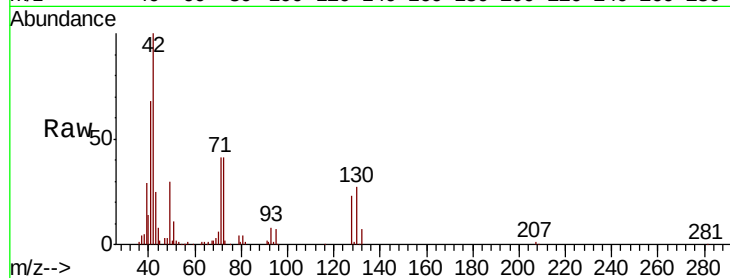
#29
Tetrahydrofuran
Concen: 60.35 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.1	51.1
71	40.3	32.5	48.7

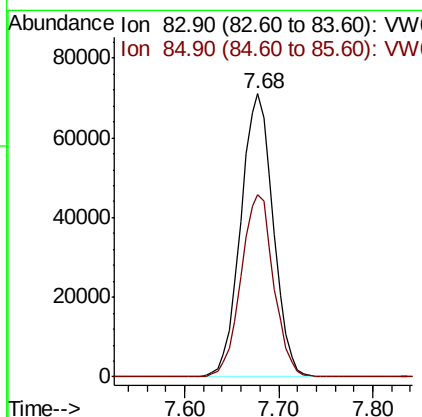
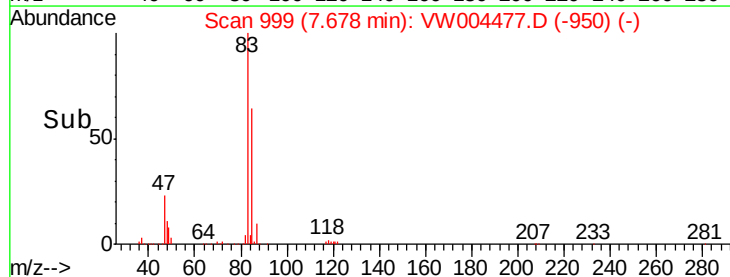
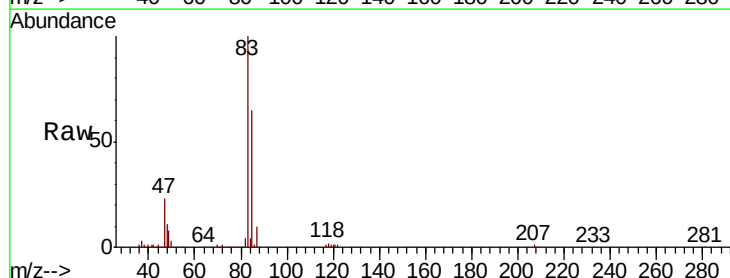
Manual Integrations
APPROVED

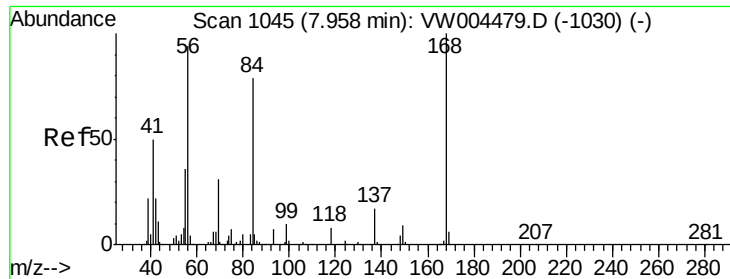
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#30
Chloroform
Concen: 11.97 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.3	76.9





#31

Cyclohexane

Concen: 12.51 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

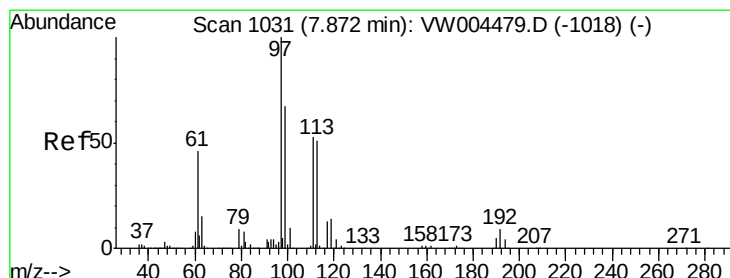
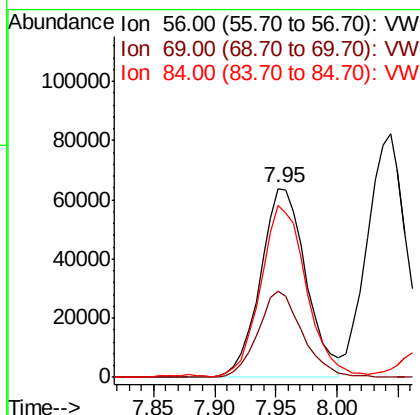
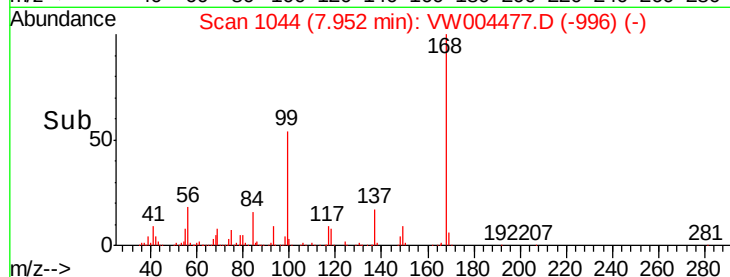
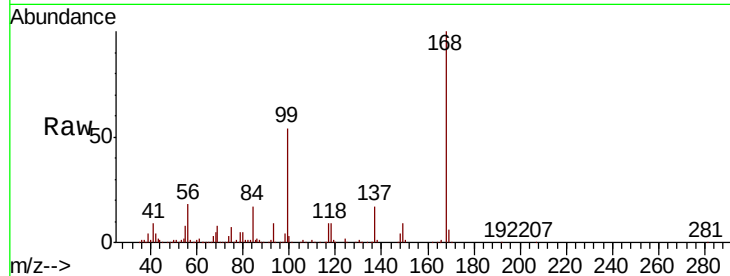
ClientSampled :

VSTDIC010

Tot Ion:	56	Resp:	166585
Ion Ratio	Lower	Upper	
56	100		
69	45.4	26.4	39.6#
84	89.7	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 11.31 ug/l

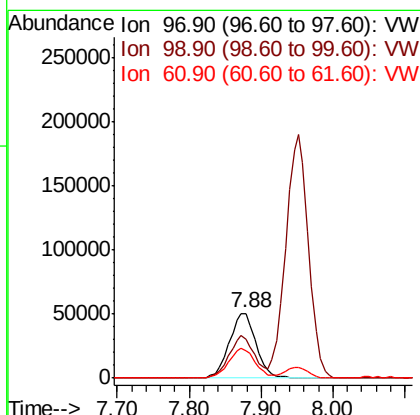
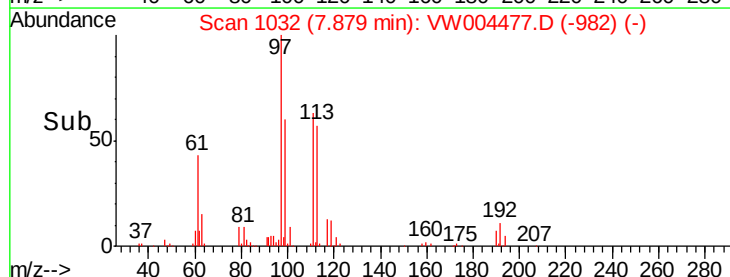
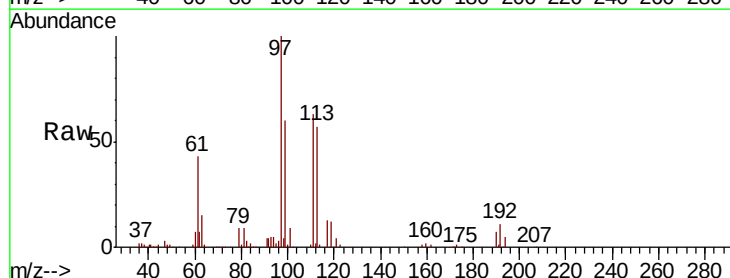
RT: 7.88 min Scan# 1032

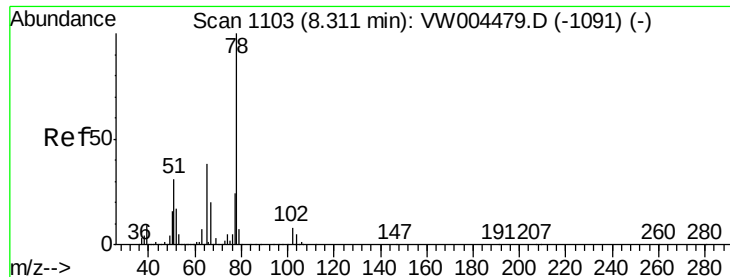
Delta R.T. 0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	97	Resp:	130975
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.6	77.4
61	45.1	35.7	53.5





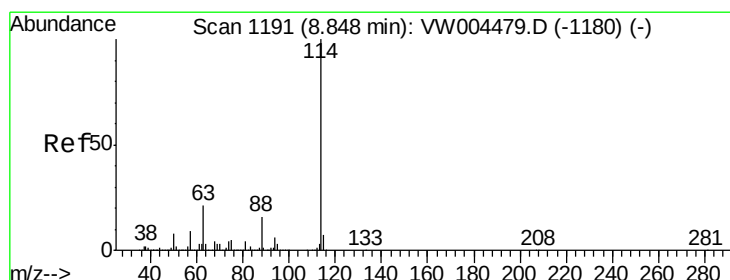
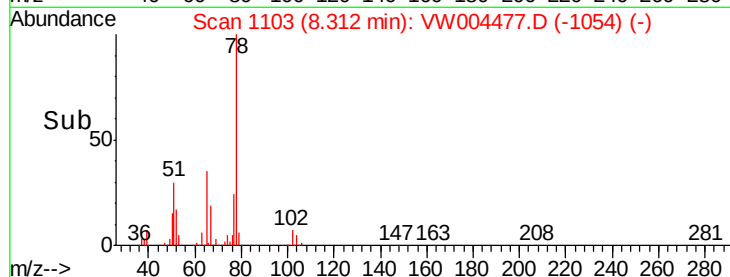
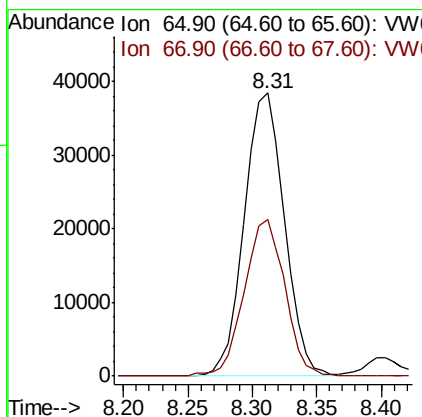
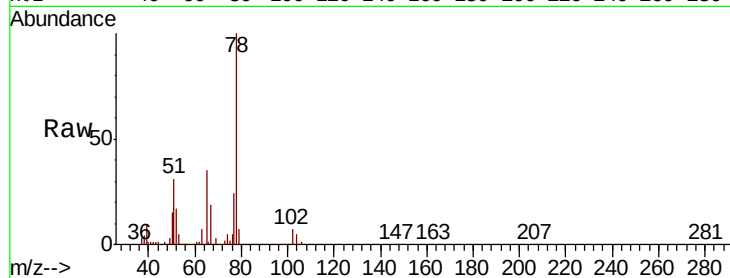
#33
 1,2-Dichloroethane-d4
 Concen: 10.78 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	109.0

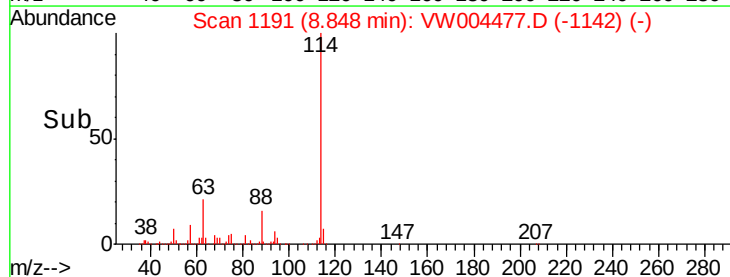
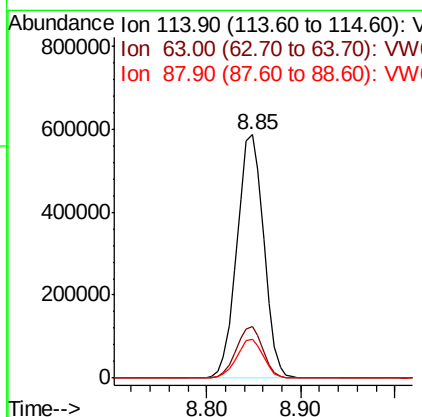
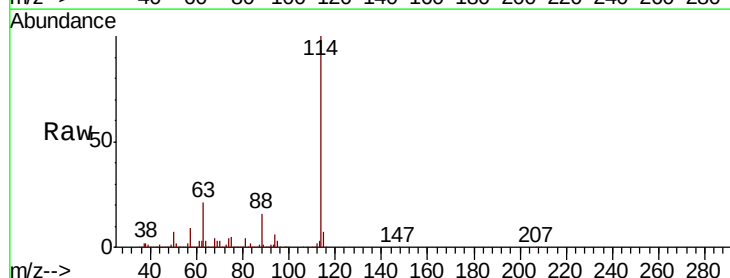
Manual Integrations
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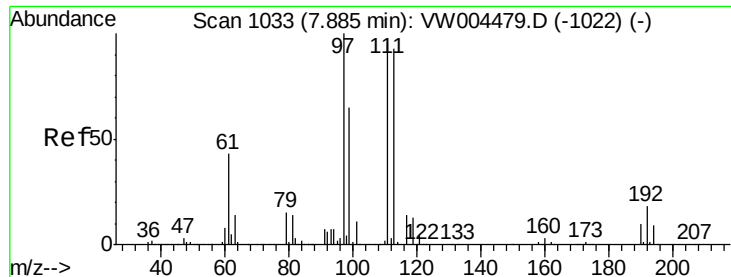
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	16.1	0.0	31.2





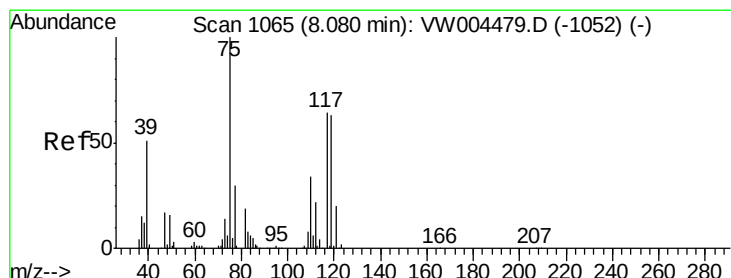
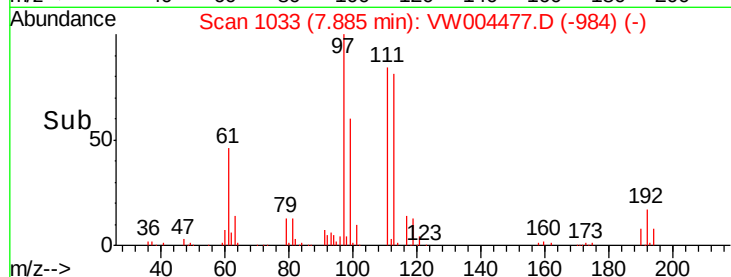
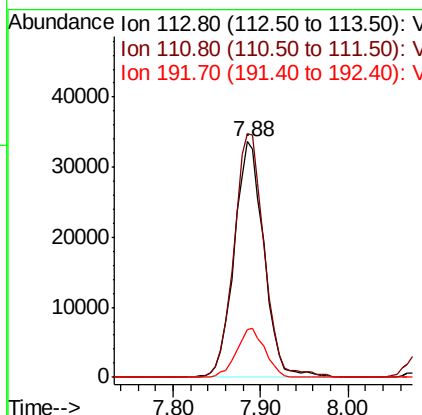
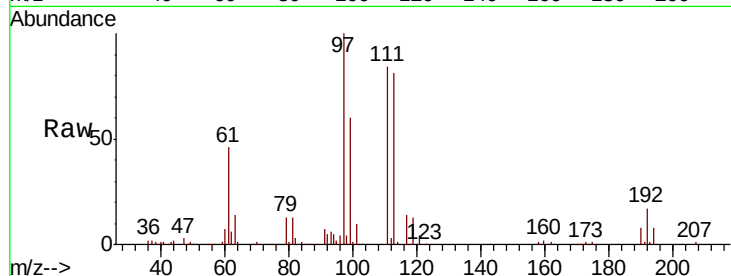
#35
 Dibromofluoromethane
 Concen: 10.71 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.9	124.3
192	19.9	15.8	23.6

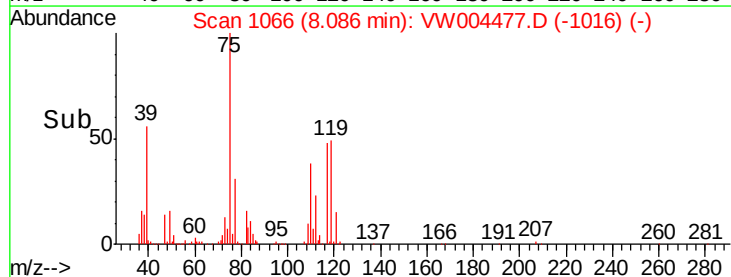
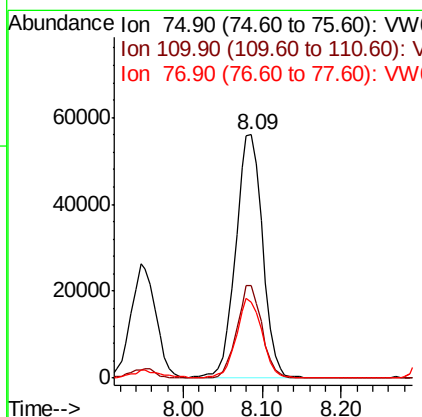
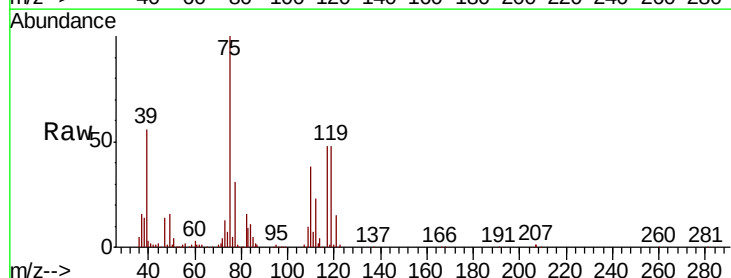
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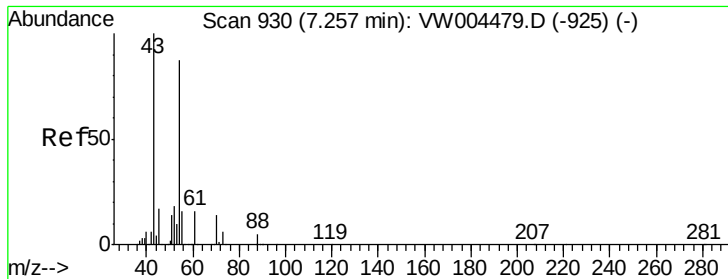
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#36
 1,1-Dichloropropene
 Concen: 11.23 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.4	52.2
77	31.2	24.7	37.1





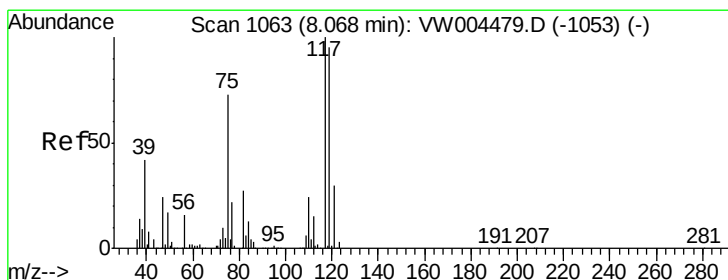
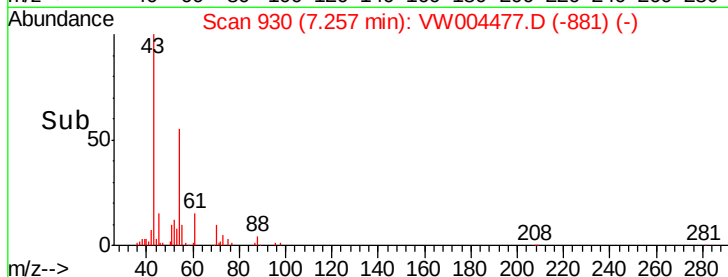
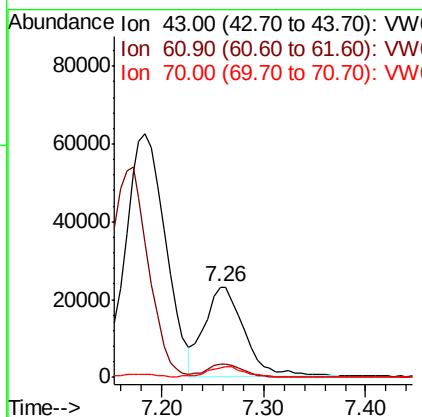
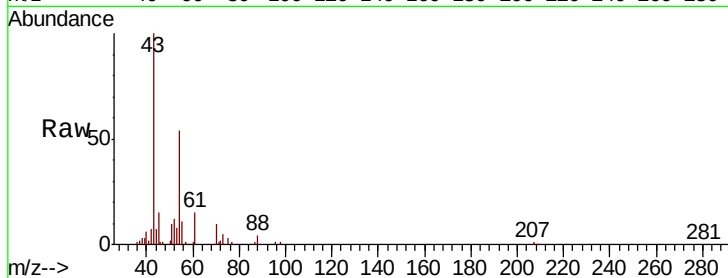
#37
Ethyl Acetate
Concen: 12.82 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.9	17.9
70	11.1	8.2	12.4

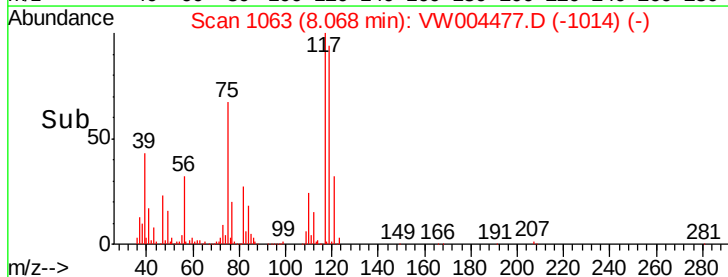
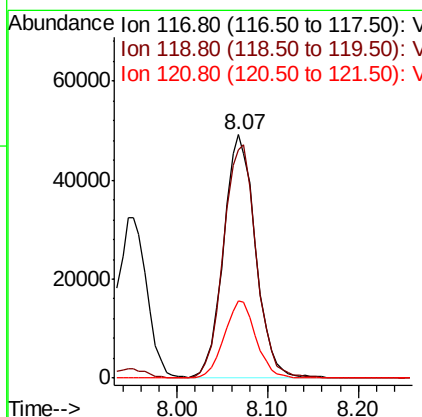
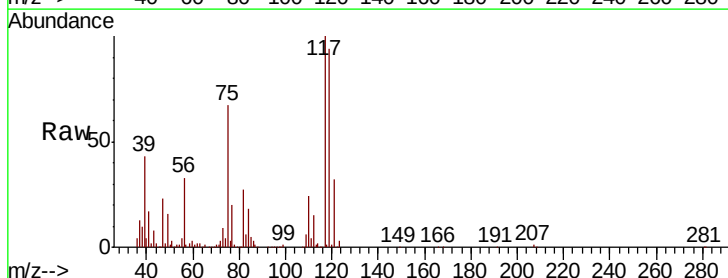
Manual Integrations
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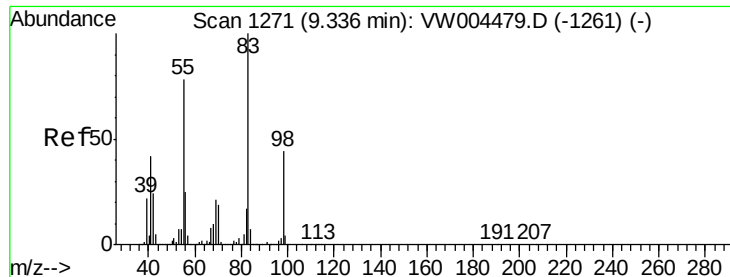
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#38
Carbon Tetrachloride
Concen: 10.41 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
121	32.0	24.2	36.4





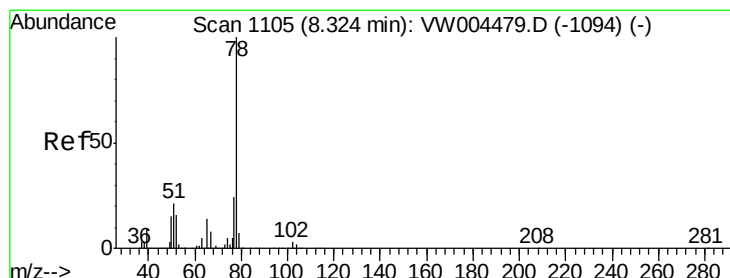
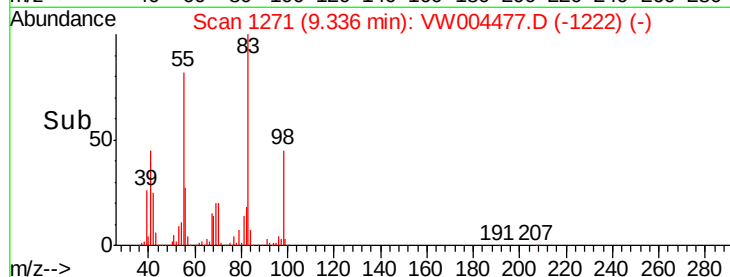
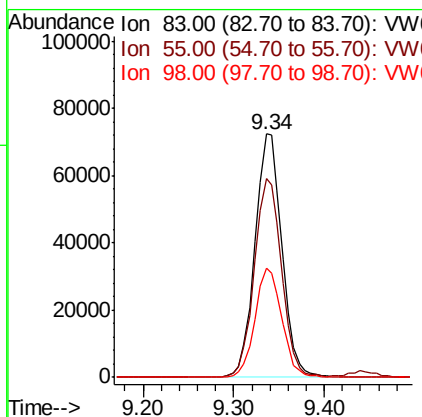
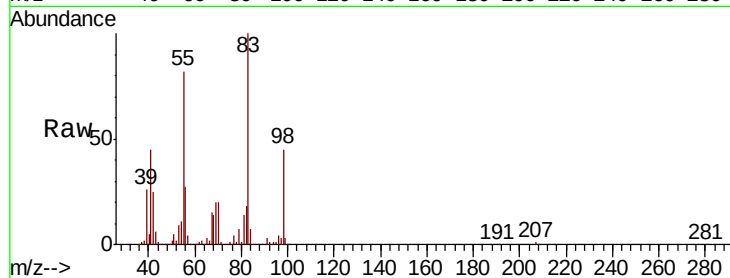
#39
Methylvlcyclohexane
Concen: 10.41 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	62.5	93.7
98	44.9	35.4	53.2

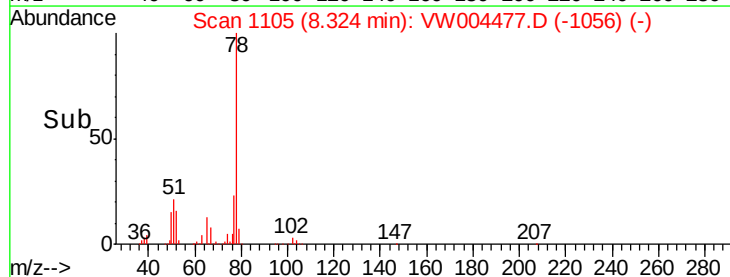
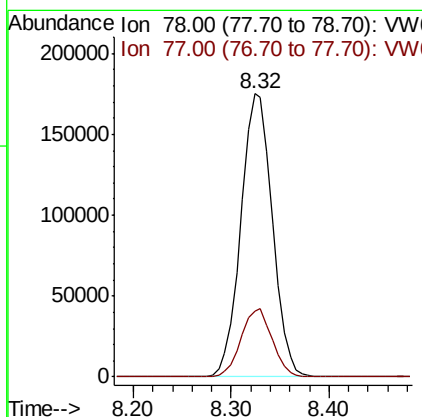
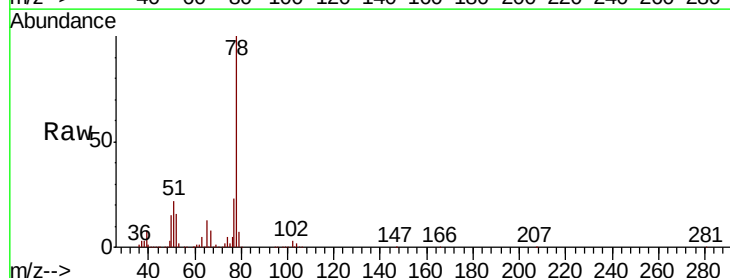
Manual Integrations
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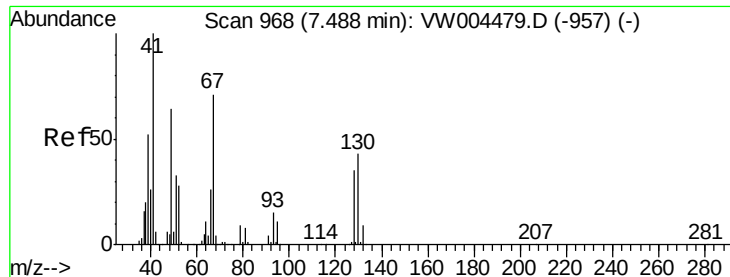
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#40
Benzene
Concen: 11.73 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





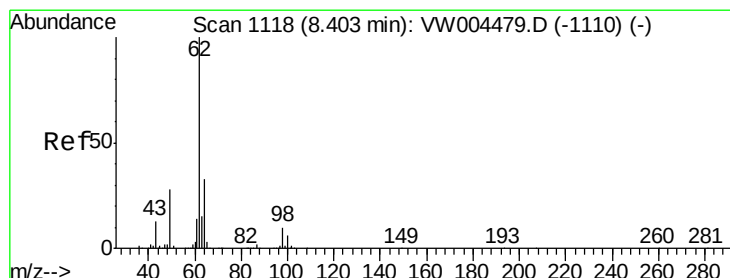
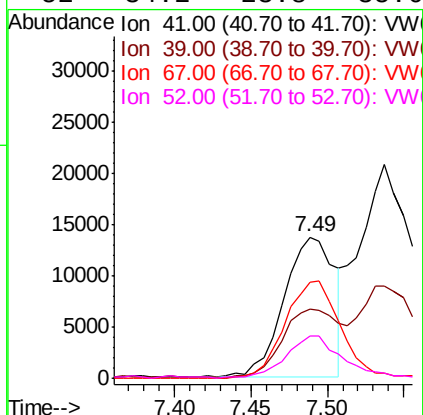
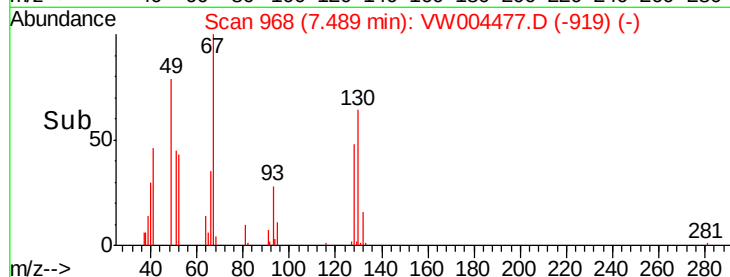
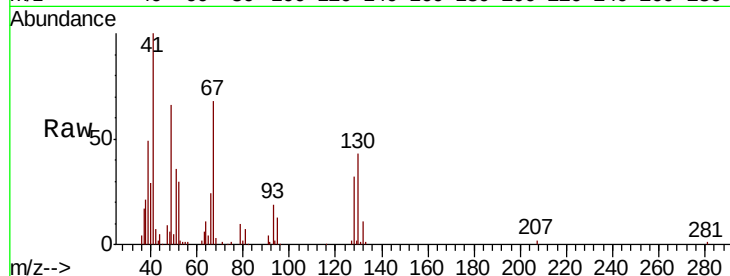
#41
Methacrylonitrile
Concen: 11.27 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.2	46.2	69.2	
67	75.8	60.8	91.2	
52	34.2	23.8	35.6	

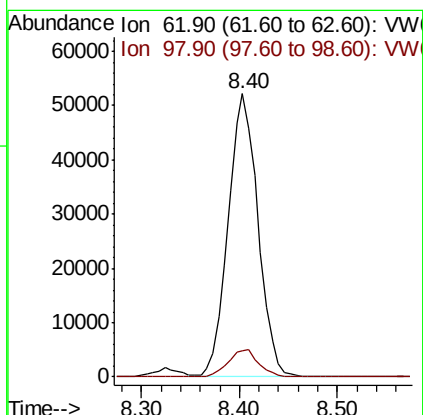
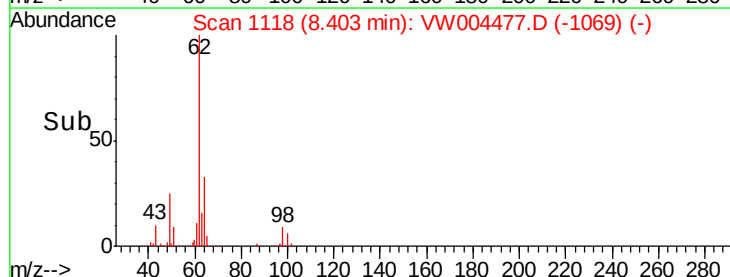
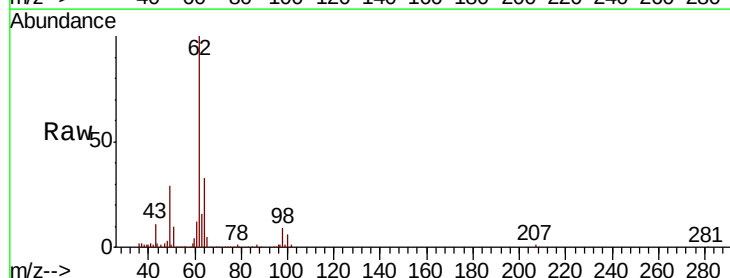
Manual Integrations
APPROVED

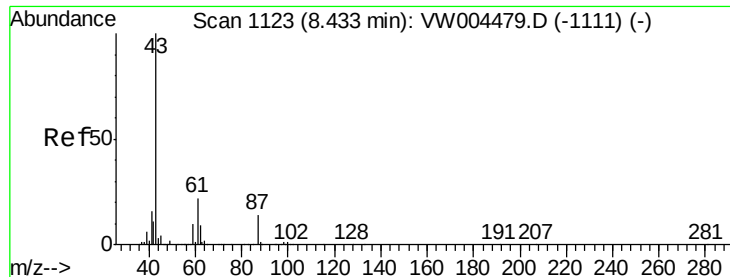
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#42
1,2-Dichloroethane
Concen: 11.65 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.6	





#43

Isopropyl Acetate

Concen: 11.53 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

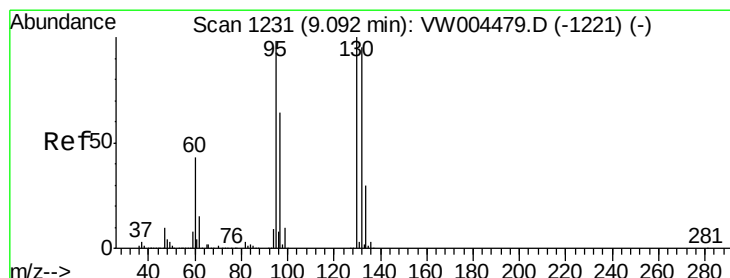
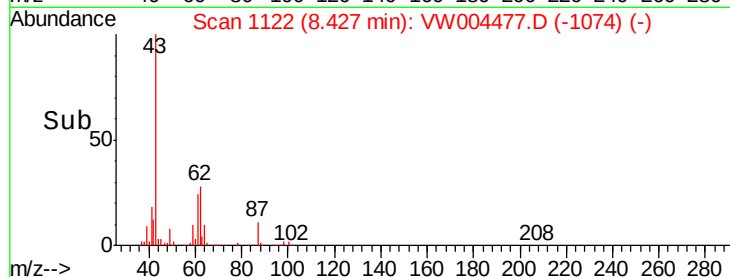
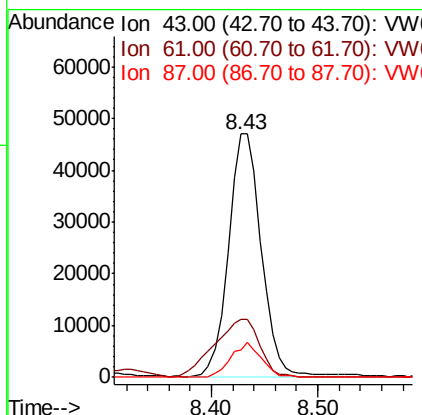
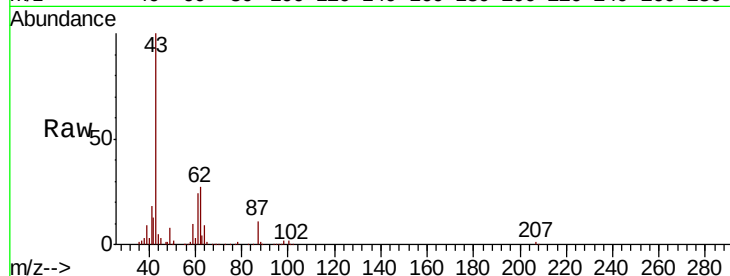
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	101216
Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.2	37.8
87	13.5	10.6	16.0

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#44

Trichloroethene

Concen: 10.60 ug/l

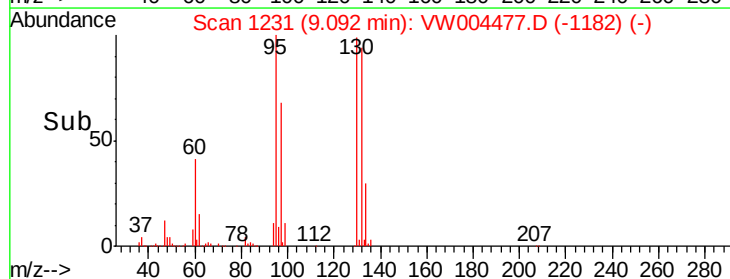
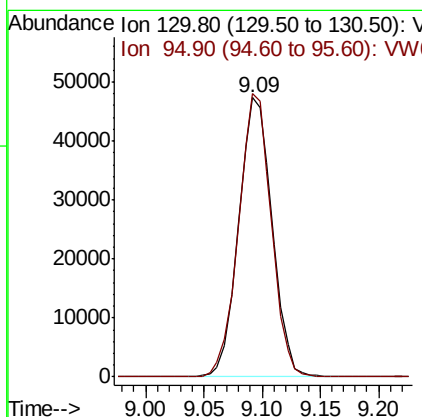
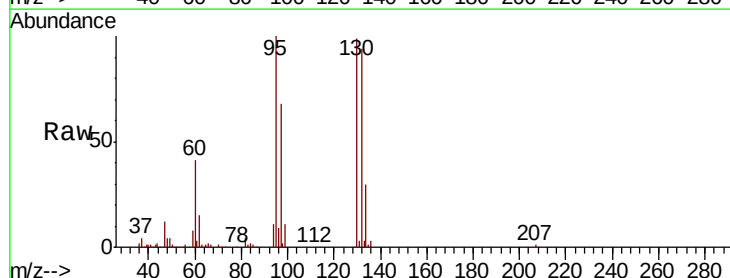
RT: 9.09 min Scan# 1231

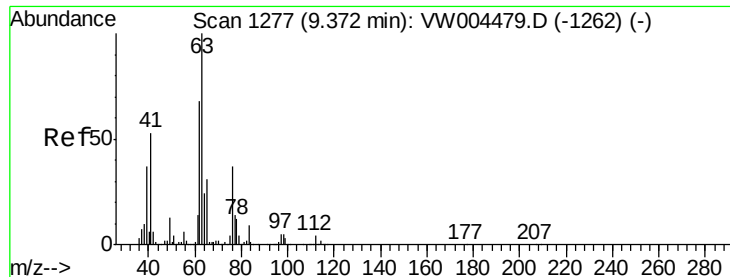
Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	130	Resp:	94354
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	196.2





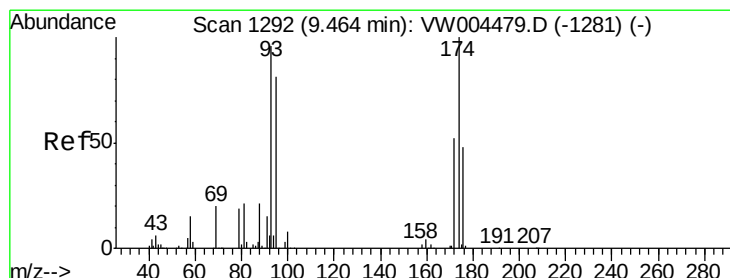
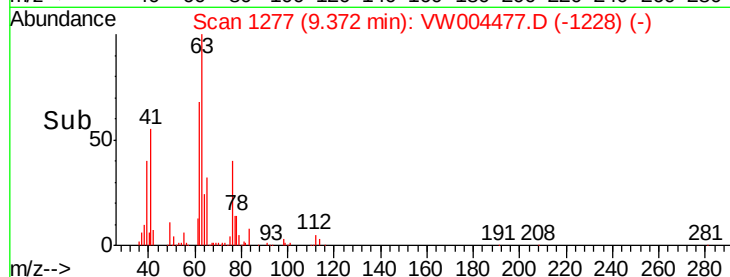
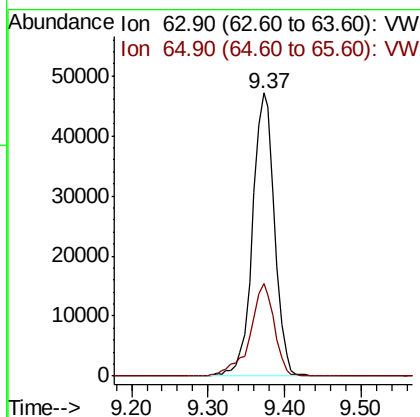
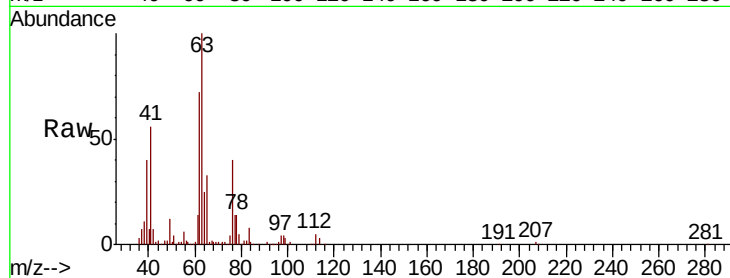
#45
 1,2-Dichloropropane
 Concen: 11.43 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.5	36.7

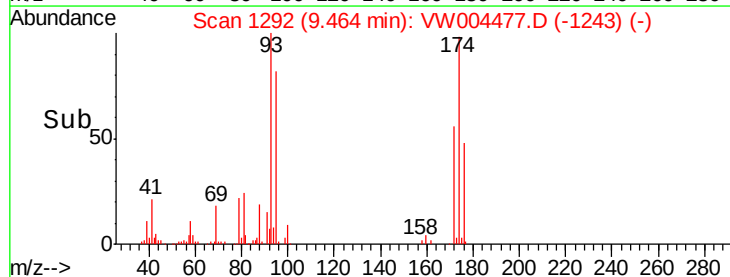
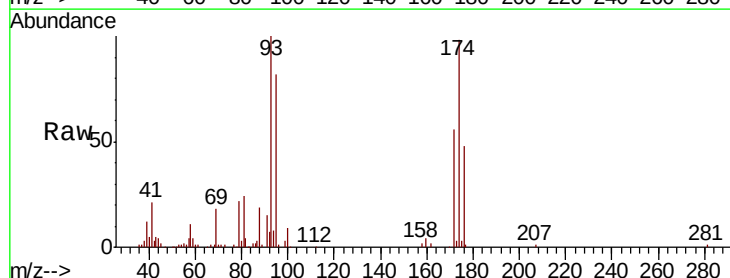
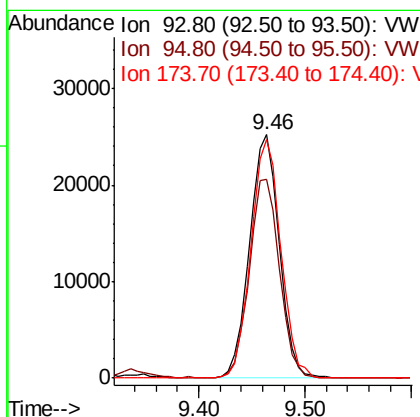
Manual Integrations
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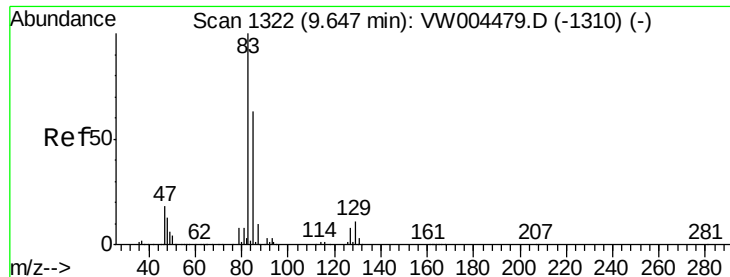
apatel
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#46
 Dibromomethane
 Concen: 11.68 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.0	100.4
174	98.6	80.2	120.4





#47

Bromodichloromethane

Concen: 10.82 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

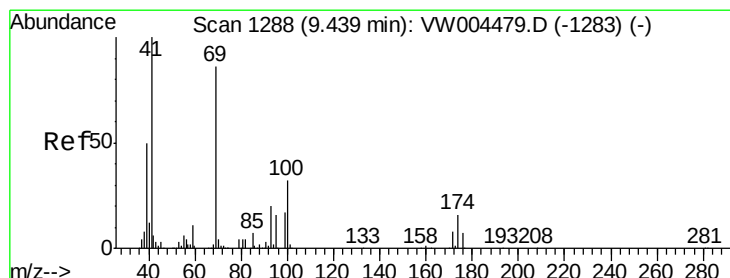
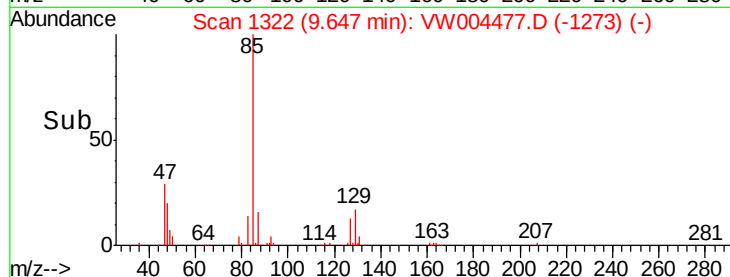
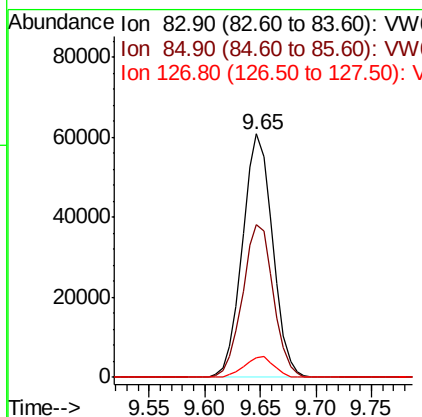
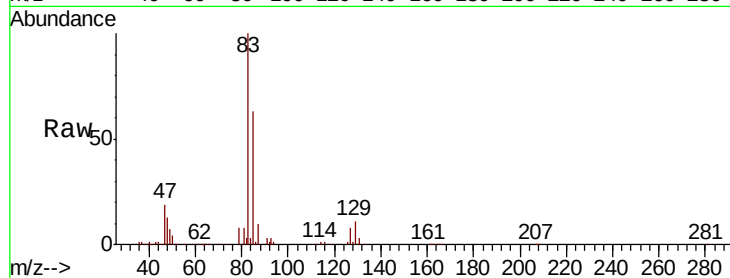
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	114643
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1
127	8.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 10.38 ug/l

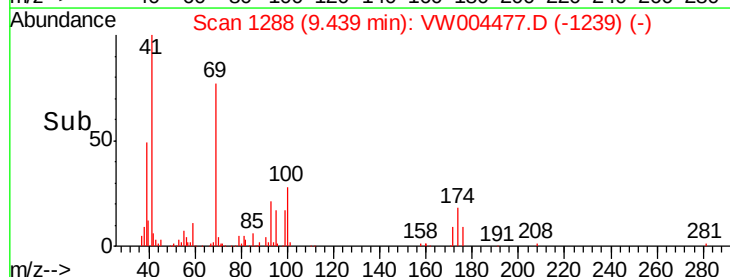
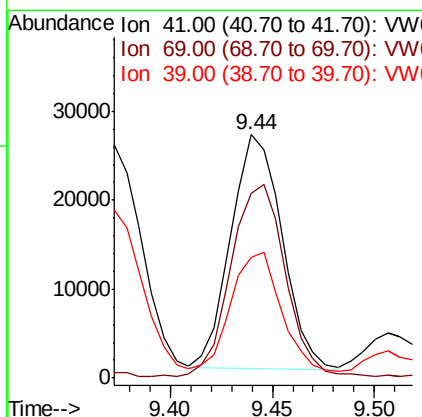
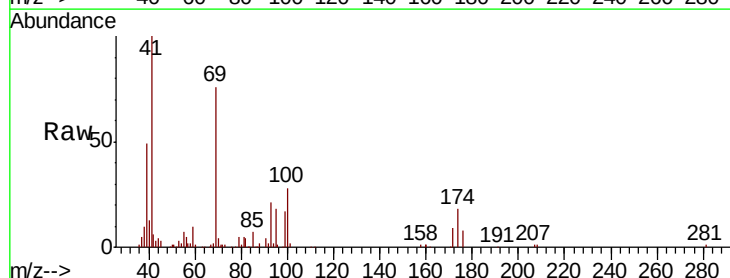
RT: 9.44 min Scan# 1288

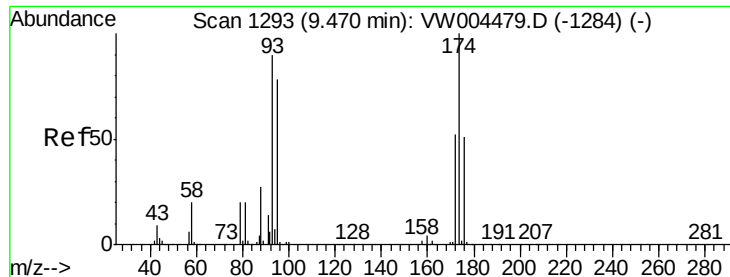
Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	41	Resp:	46011
Ion	Ratio	Lower	Upper
41	100		
69	87.6	73.2	109.8
39	49.7	40.6	60.8





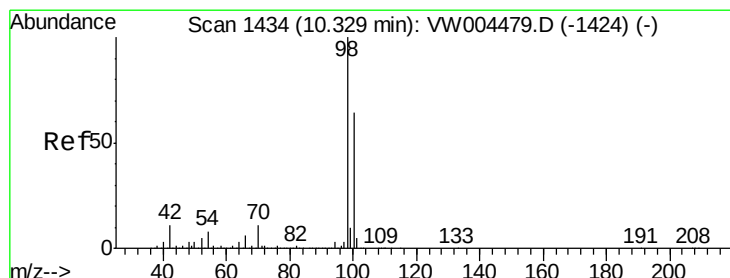
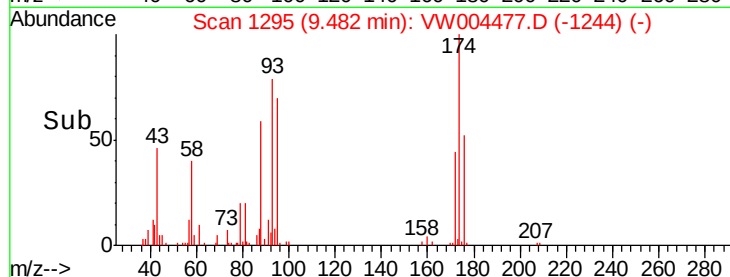
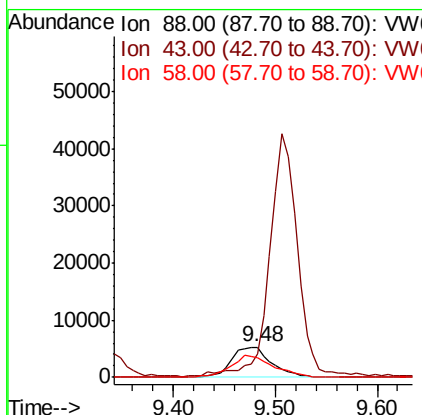
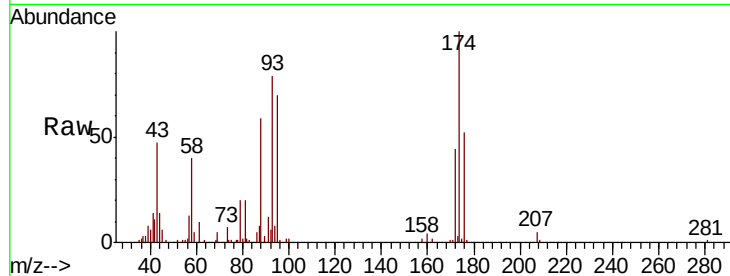
#49
1,4-Dioxane
Concen: 222.25 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	88	Resp	14298
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.7	63.5	95.3

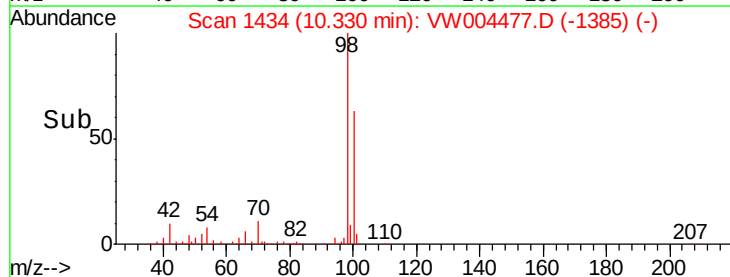
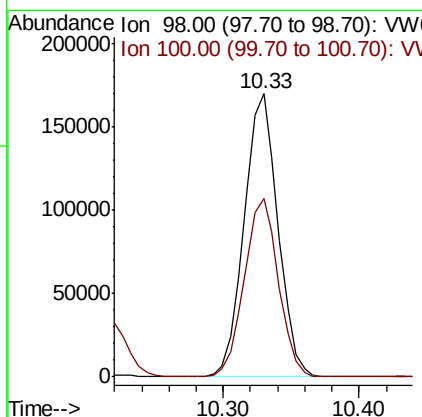
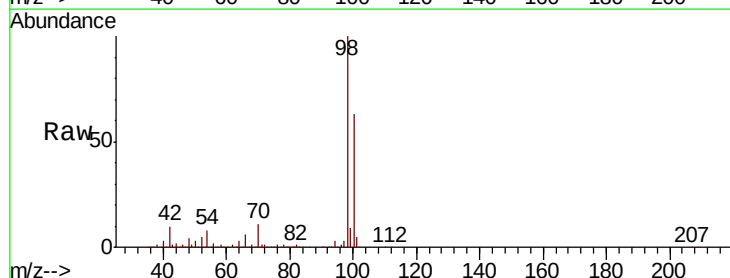
Manual Integrations
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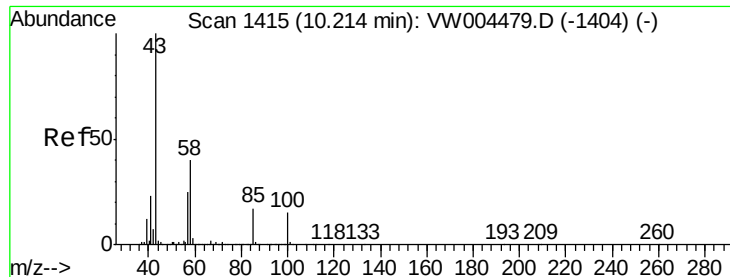
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#50
Toluene-d8
Concen: 10.08 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	98	Resp	294073
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 70.87 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

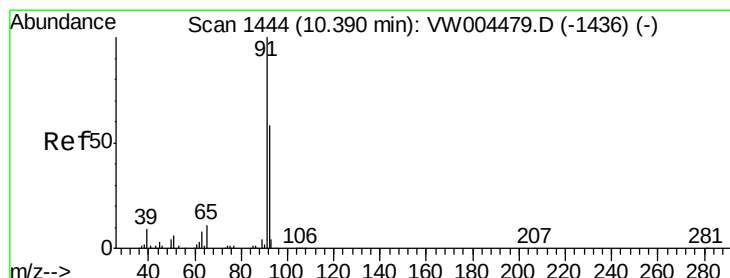
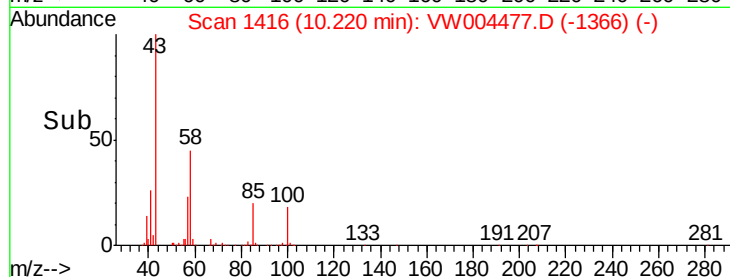
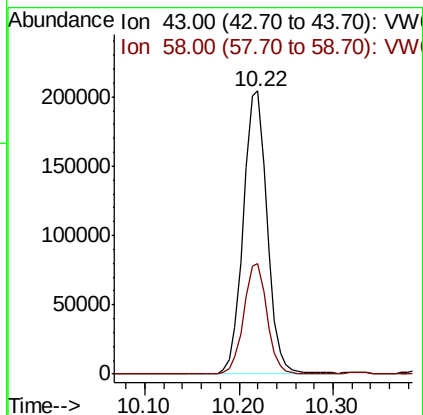
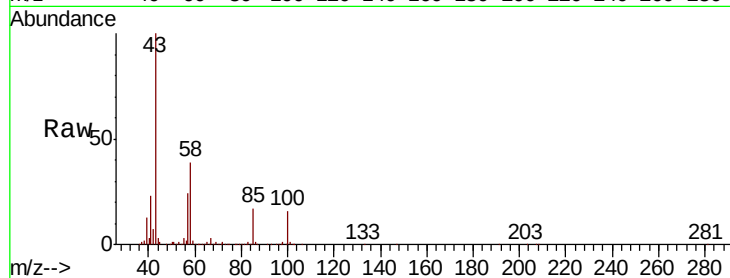
Tot Ion: 43 Resp: 362131
Ion Ratio Lower Upper

43 100

58 38.4 31.9 47.9

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#52

Toluene

Concen: 10.98 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

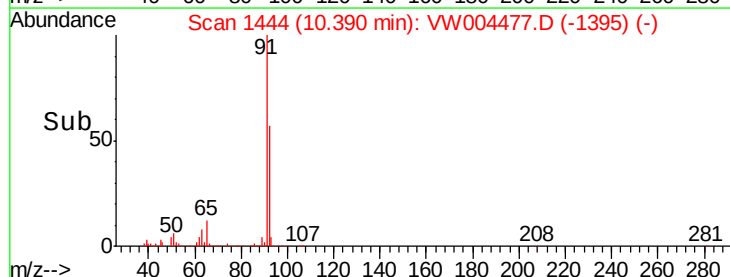
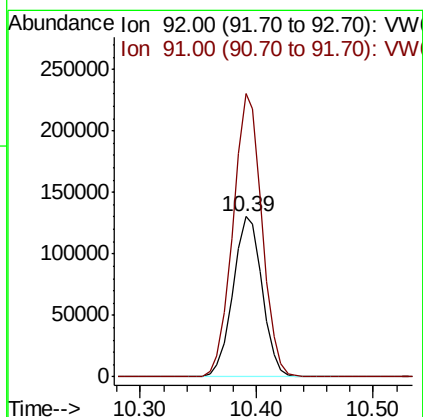
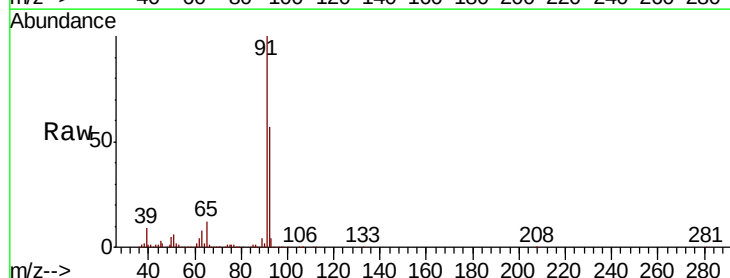
Lab File: VW004477.D

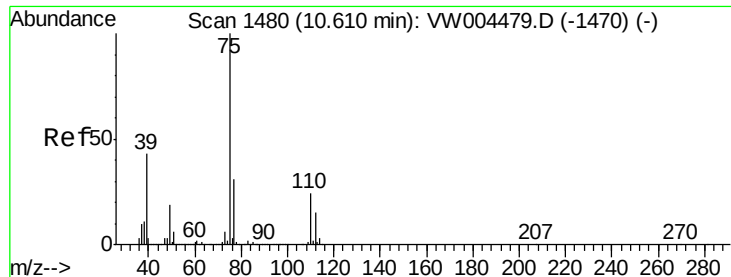
Acq: 06 Aug 2018 18:43

Tgt Ion: 92 Resp: 227945
Ion Ratio Lower Upper

92 100

91 174.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 10.48 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 111210

Ion Ratio Lower Upper

75 100

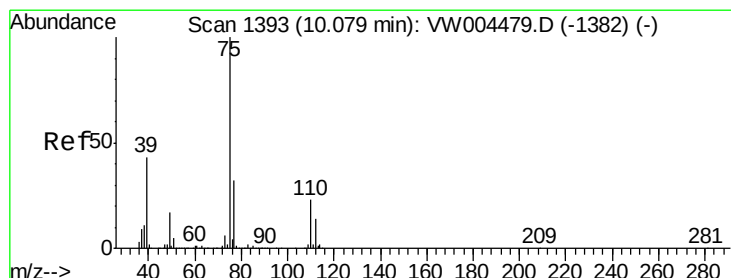
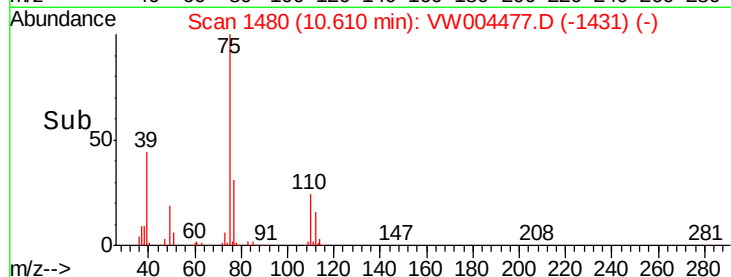
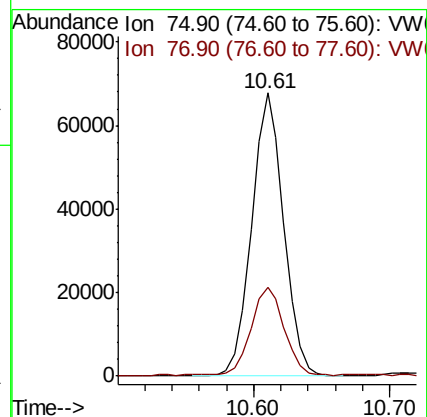
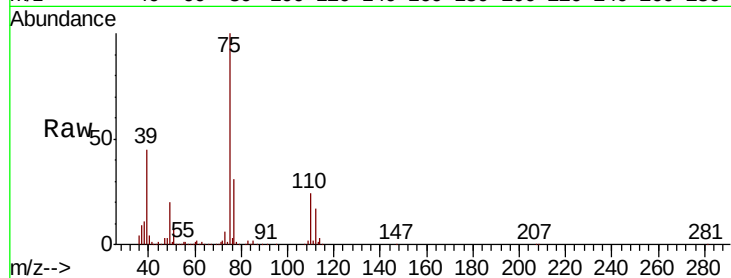
77 30.9 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 10.50 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

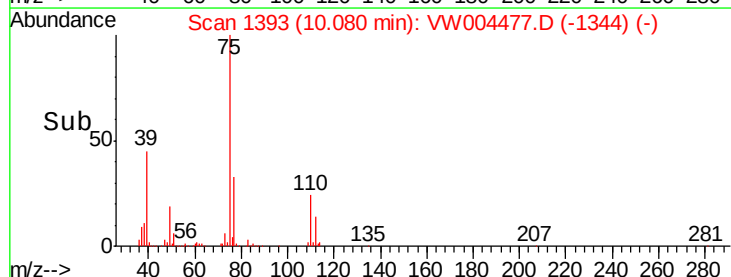
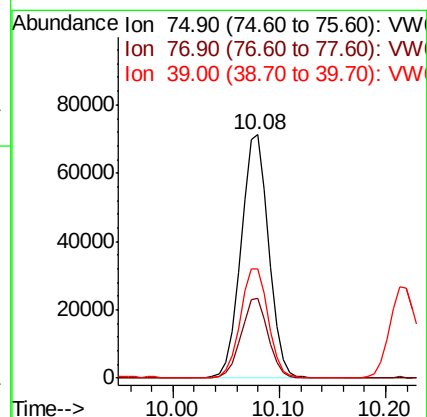
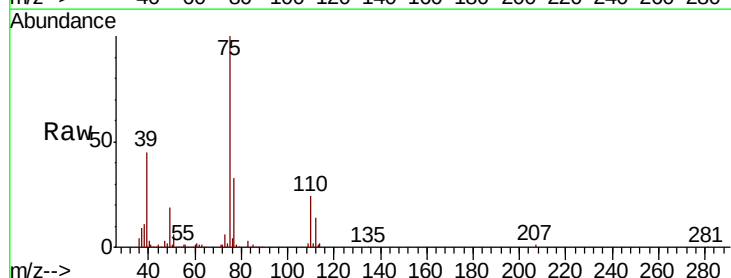
Tgt Ion: 75 Resp: 129989

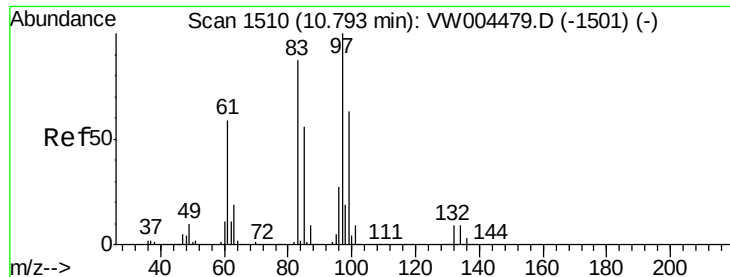
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 44.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 12.05 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 97 Resp: 72460

Ion Ratio Lower Upper

97 100

83 87.0 69.8 104.8

85 57.3 45.1 67.7

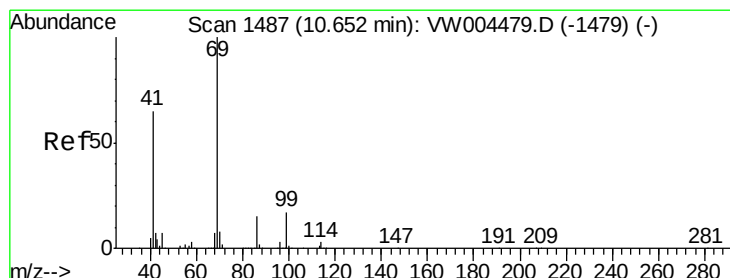
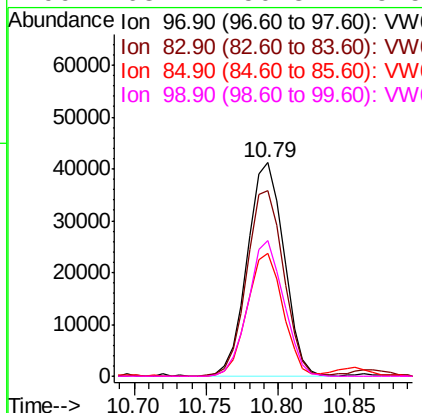
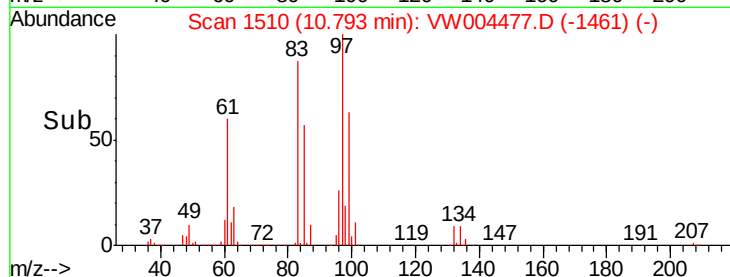
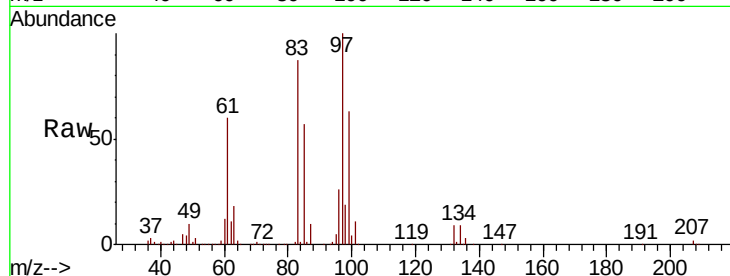
99 63.4 50.3 75.5

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#56

Ethyl methacrylate

Concen: 10.14 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

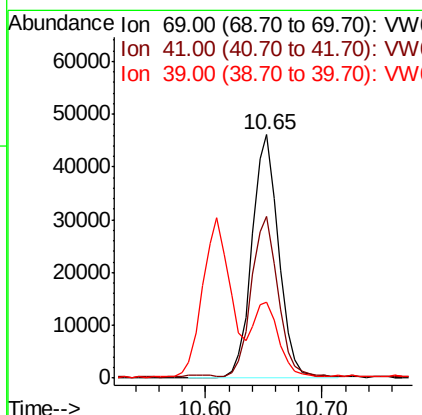
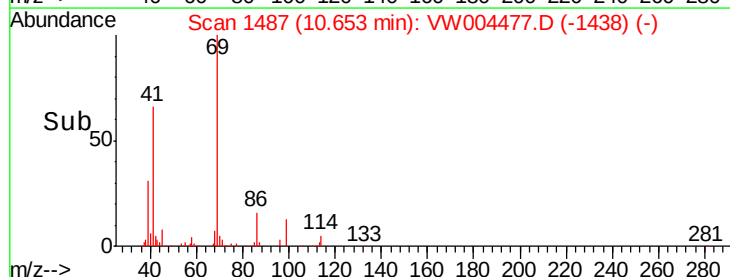
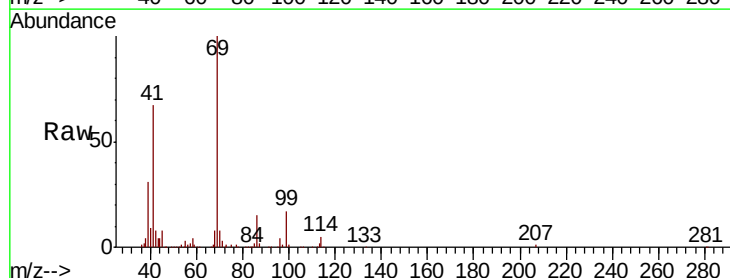
Tgt Ion: 69 Resp: 74125

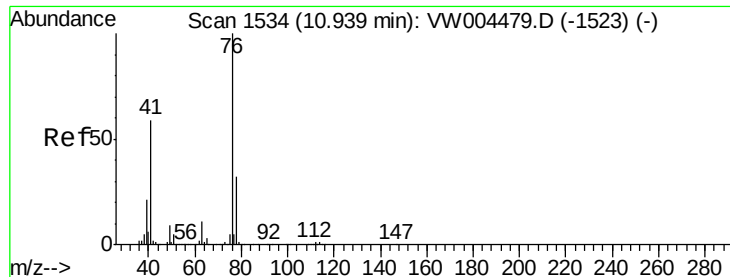
Ion Ratio Lower Upper

69 100

41 65.4 52.4 78.6

39 28.7 22.7 34.1





#57

1,3-Dichloropropane

Concen: 11.93 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 76 Resp: 122605

Ion Ratio Lower Upper

76 100

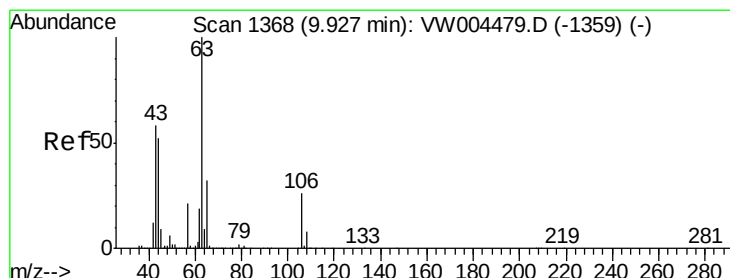
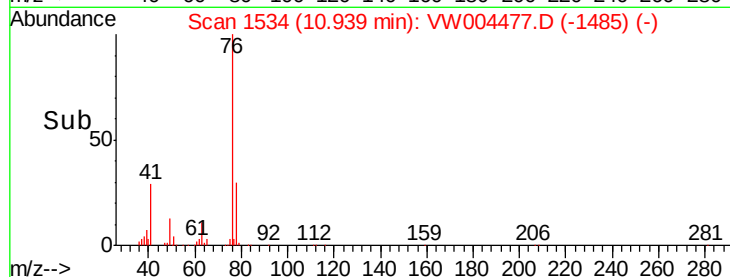
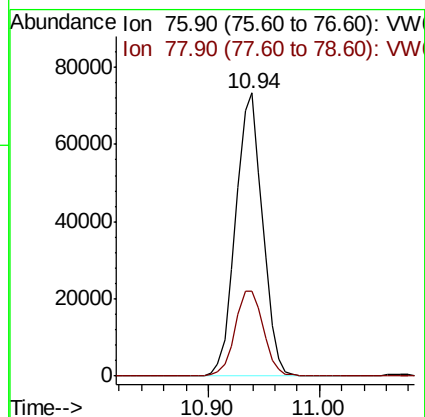
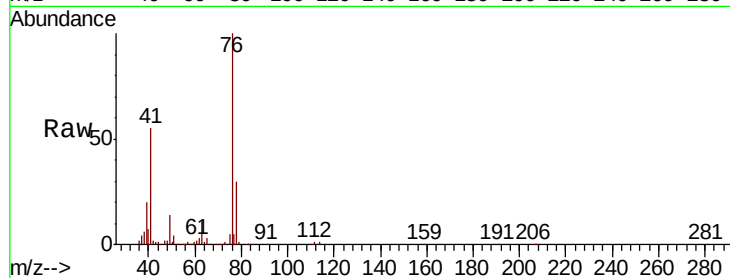
78 32.2 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 49.73 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004477.D

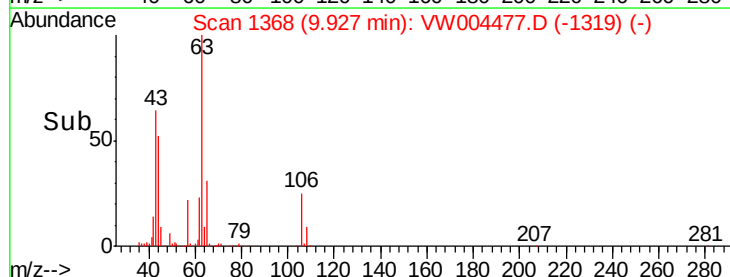
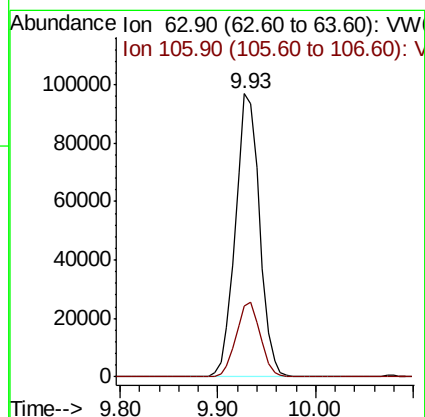
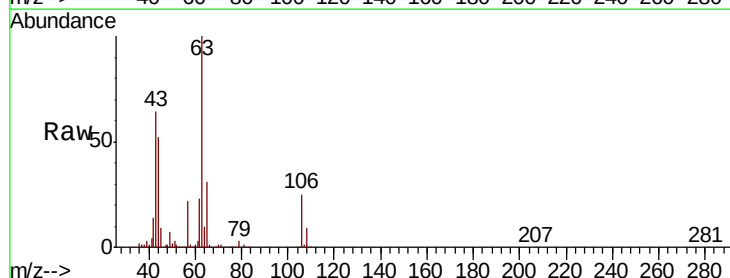
Acq: 06 Aug 2018 18:43

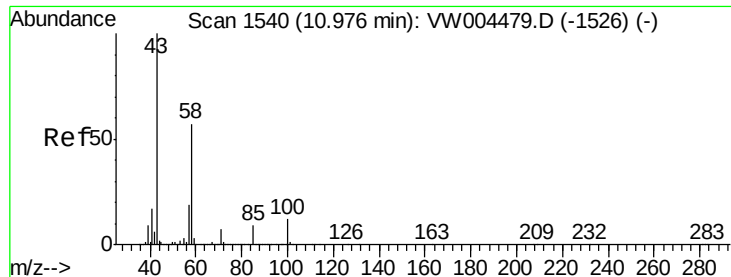
Tgt Ion: 63 Resp: 166342

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





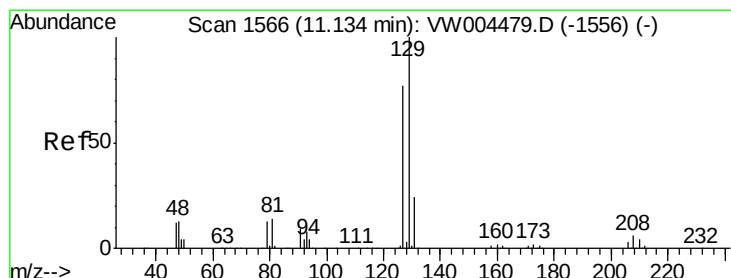
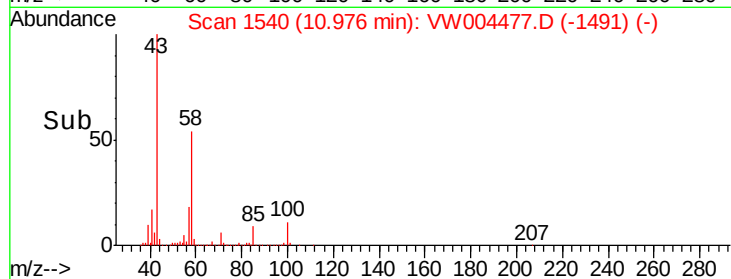
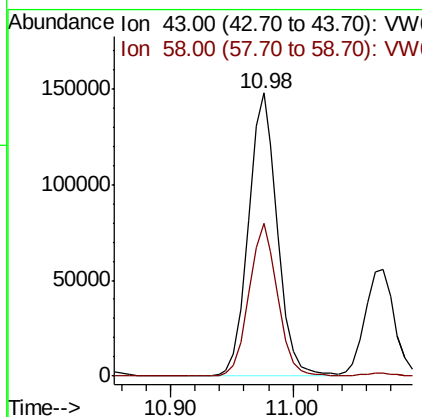
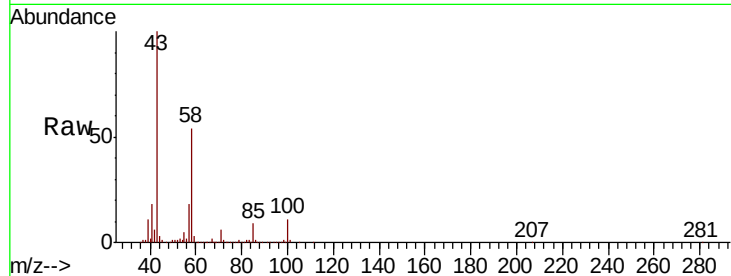
#59
2-Hexanone
Concen: 69.22 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	27.9	83.6

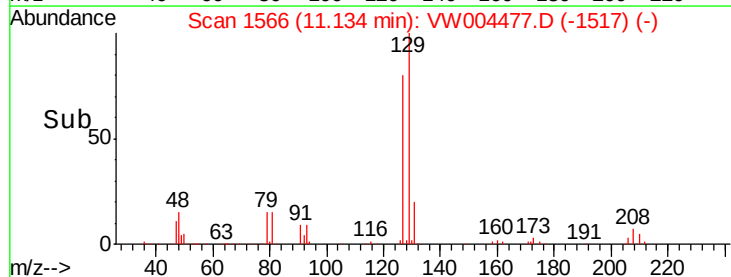
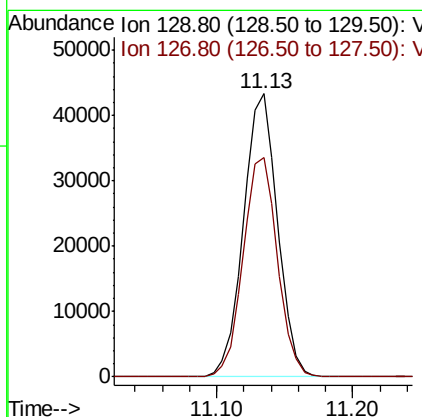
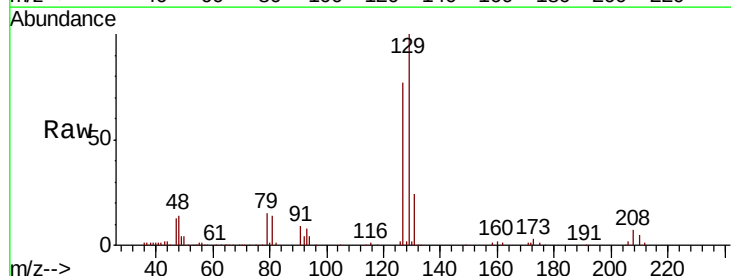
Manual Integrations
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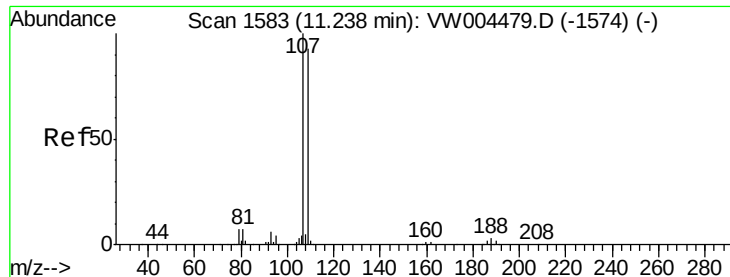
apatel
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#60
Dibromochloromethane
Concen: 10.64 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.8





#61

1,2-Dibromoethane

Concen: 11.85 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 68046

Ion Ratio Lower Upper

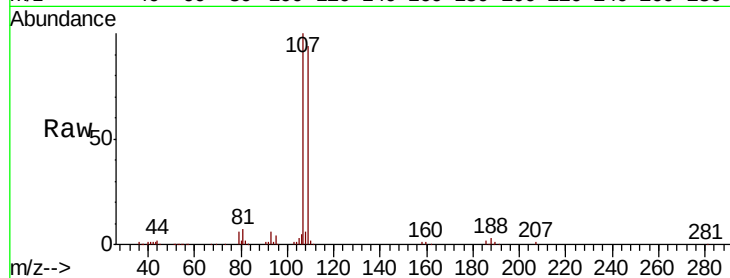
107 100

109 93.0 75.7 113.5

Manual Integrations
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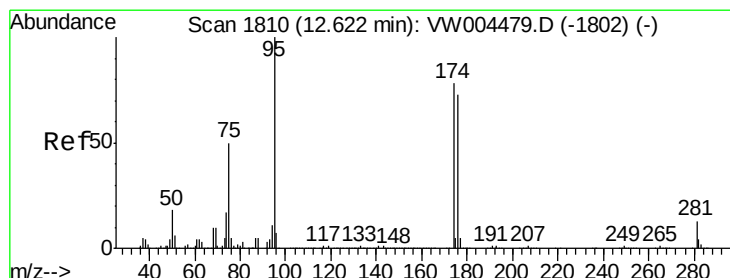
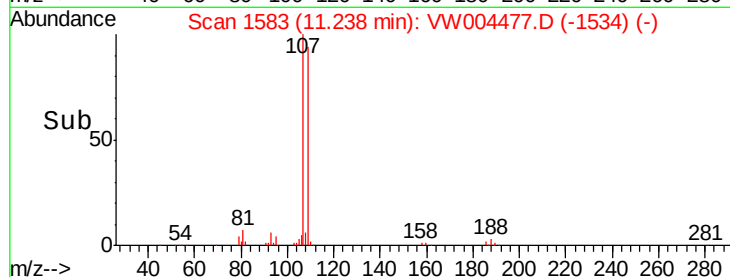
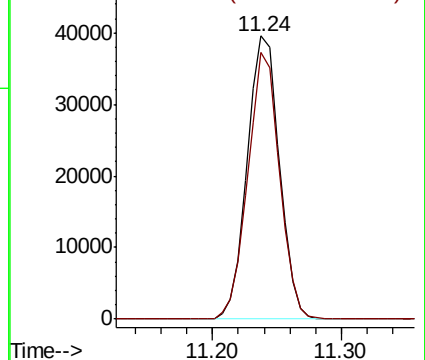
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.04 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

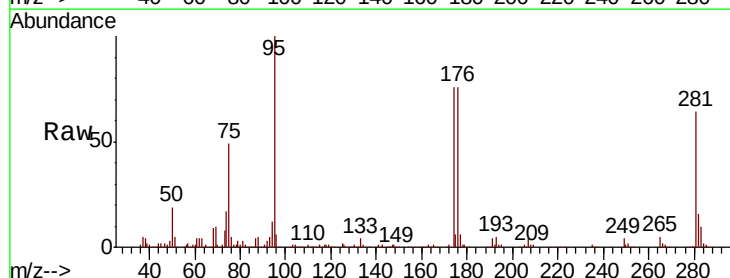
Tgt Ion: 95 Resp: 104144

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

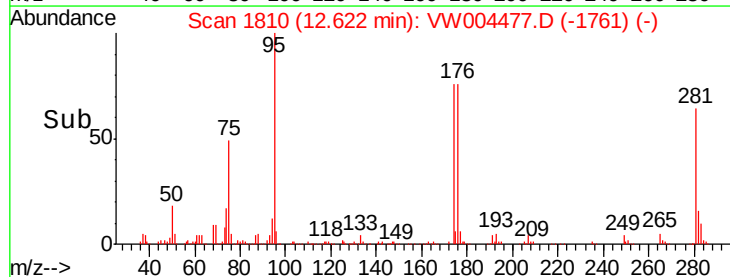
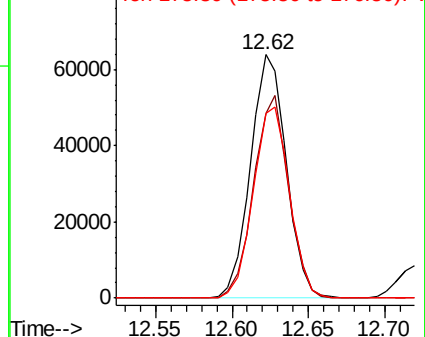
176 79.2 0.0 153.2

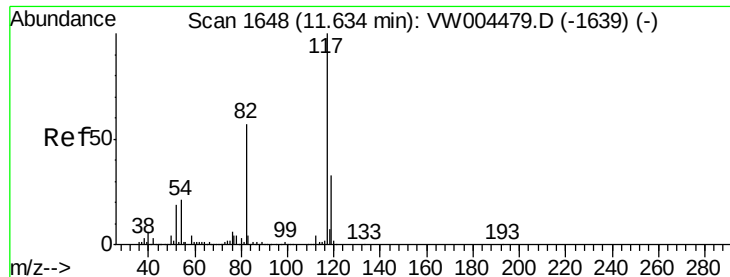


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





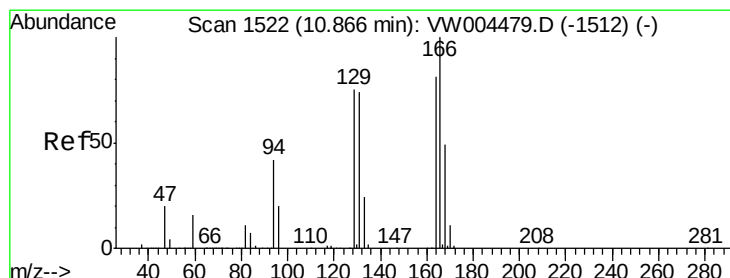
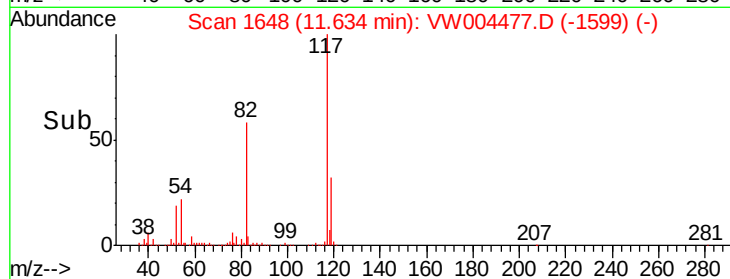
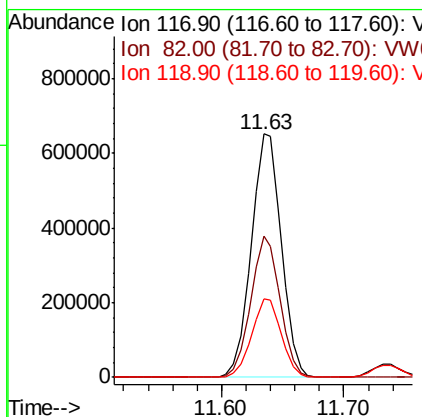
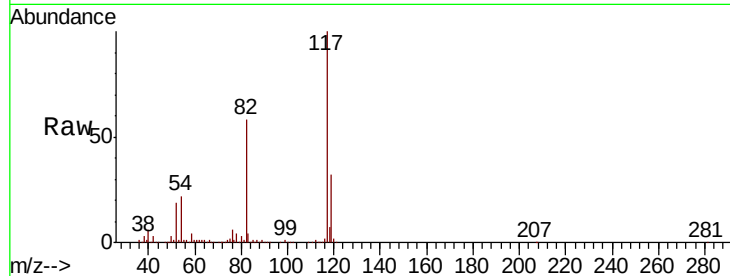
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.3	67.9
119	32.0	26.2	39.4

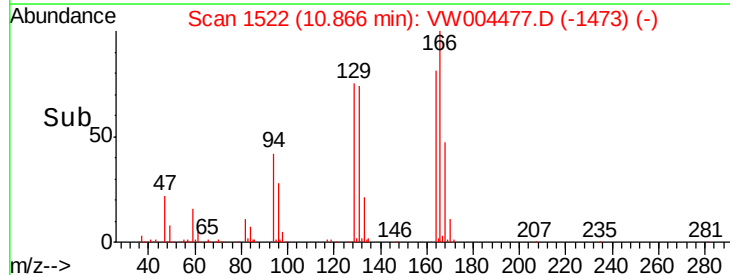
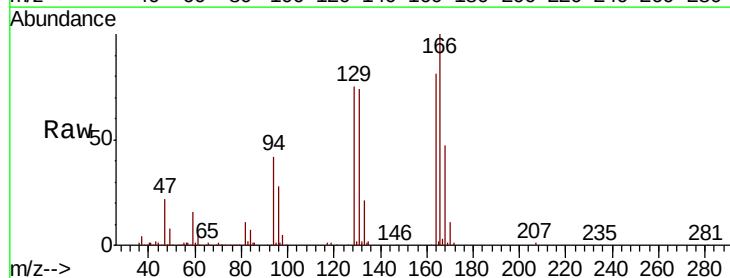
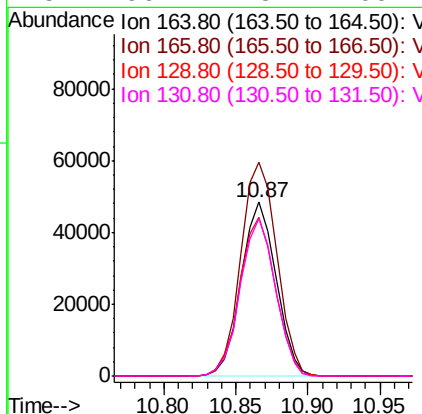
Manual Integrations
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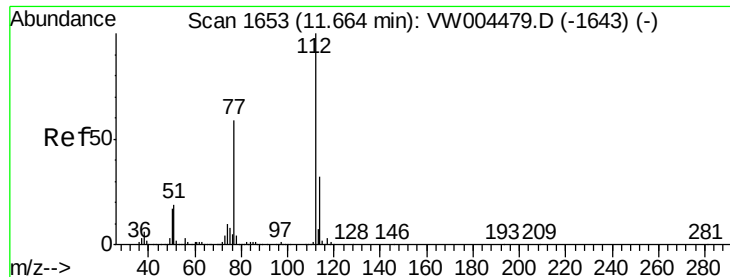
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#64
Tetrachloroethene
Concen: 10.06 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	98.4	147.6
129	91.6	73.6	110.4
131	90.7	73.1	109.7





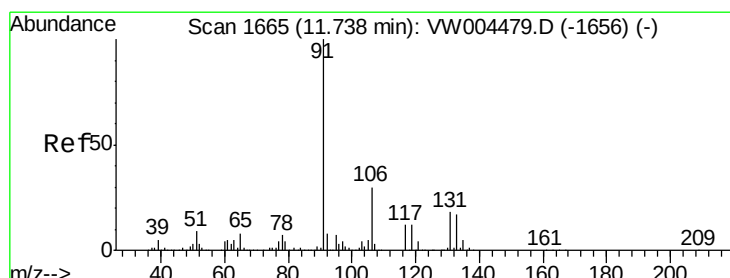
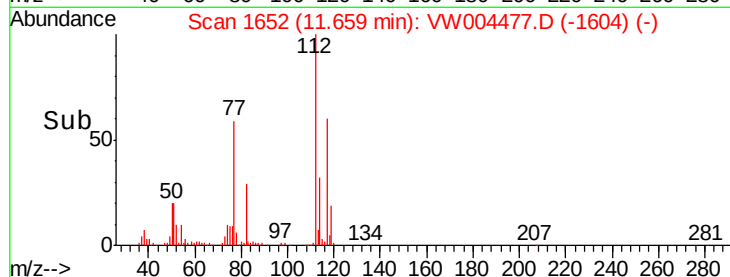
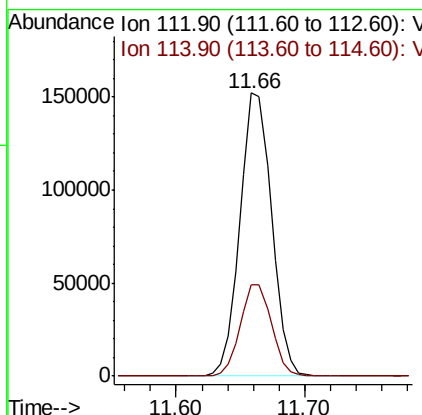
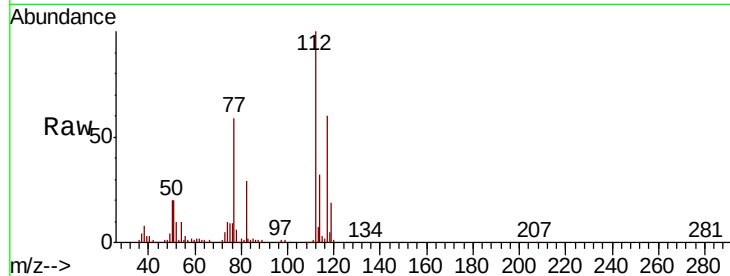
#65
Chlorobenzene
Concen: 11.02 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0

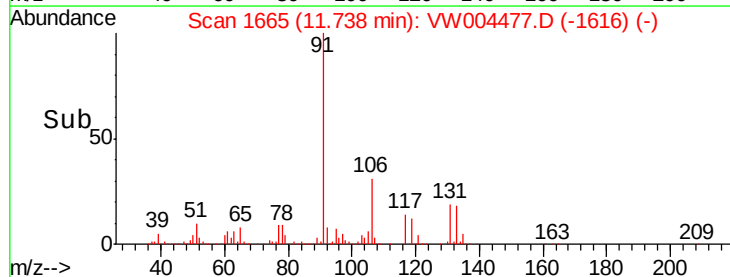
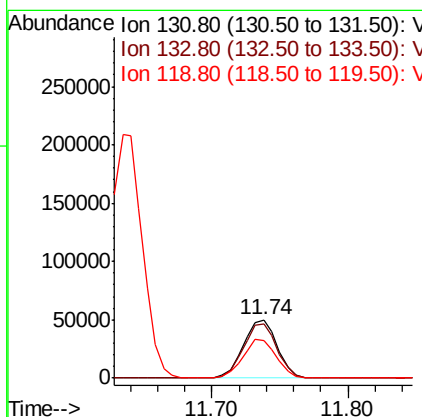
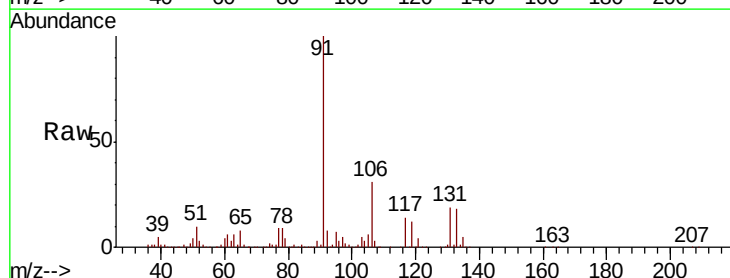
Manual Integrations
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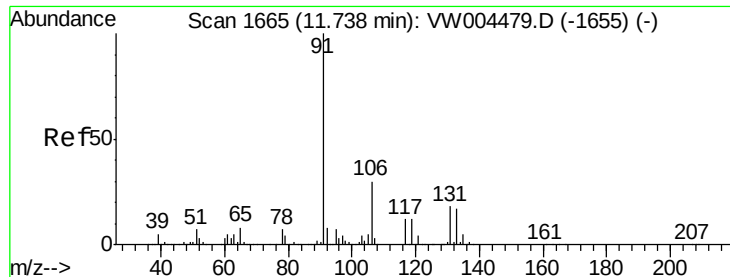
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.54 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	48.1	144.4
119	65.9	33.9	101.7





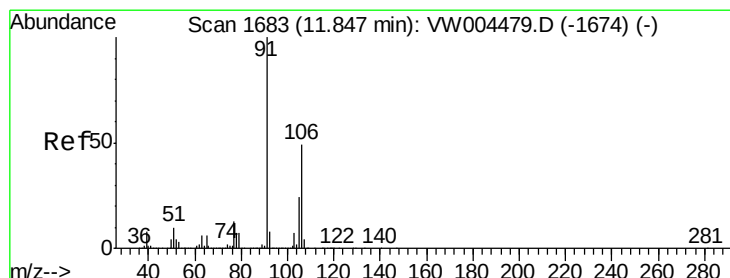
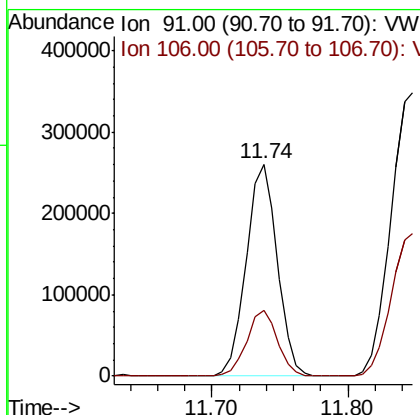
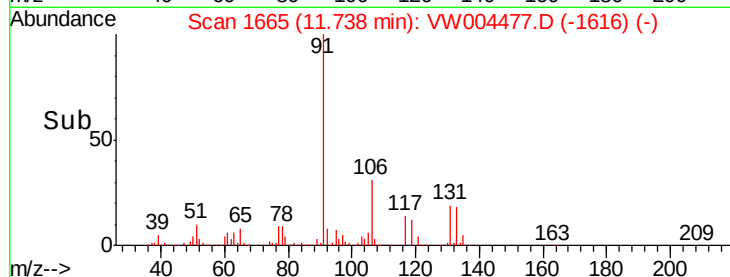
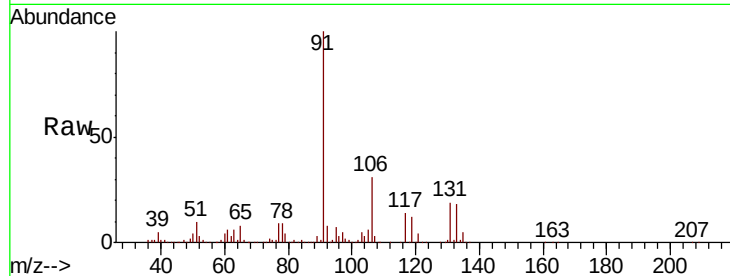
#67
Ethyl Benzene
Concen: 10.16 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 417396
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2

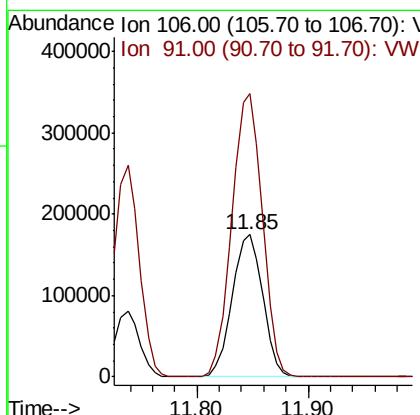
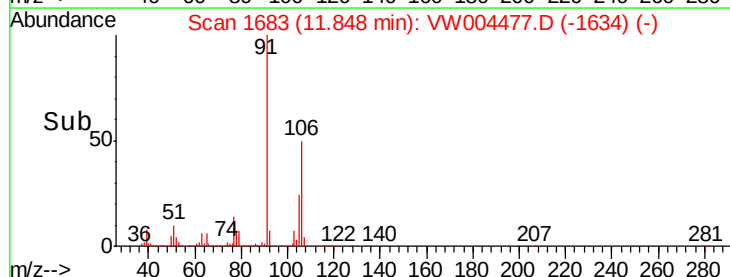
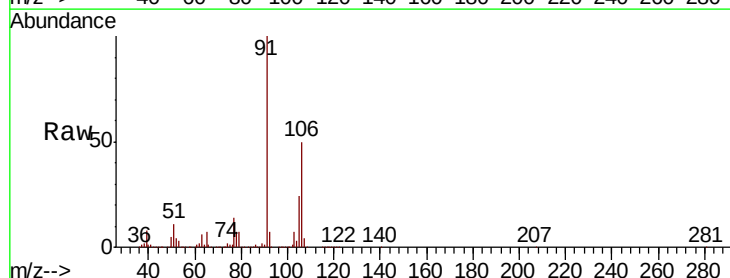
Manual Integrations
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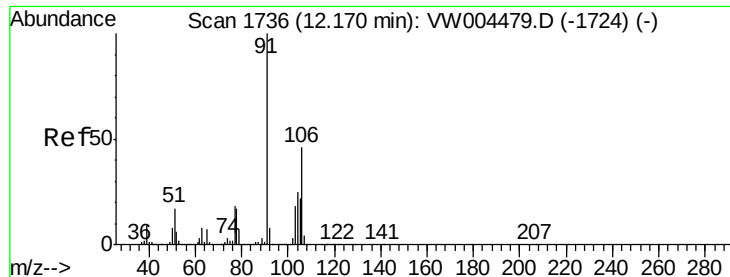
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#68
m/p-Xylenes
Concen: 20.97 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 106 Resp: 330694
Ion Ratio Lower Upper
106 100
91 199.6 162.8 244.2





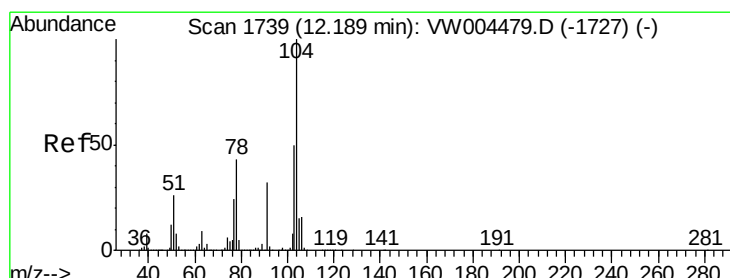
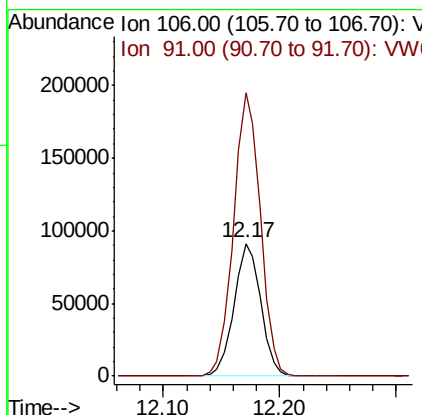
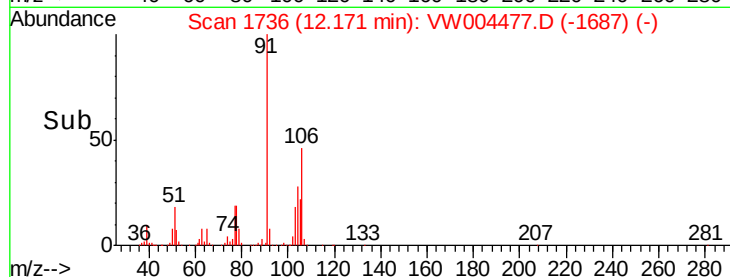
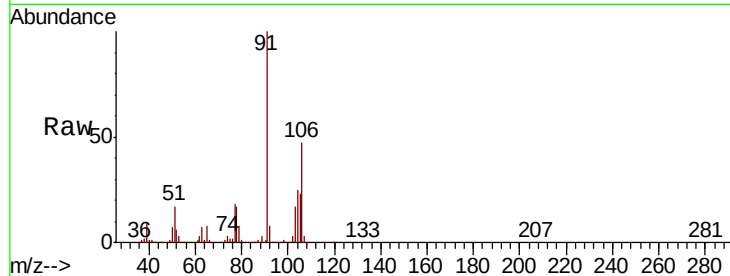
#69
o-Xylene
Concen: 10.01 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 145946
Ion Ratio Lower Upper
106 100
91 215.7 106.7 320.2

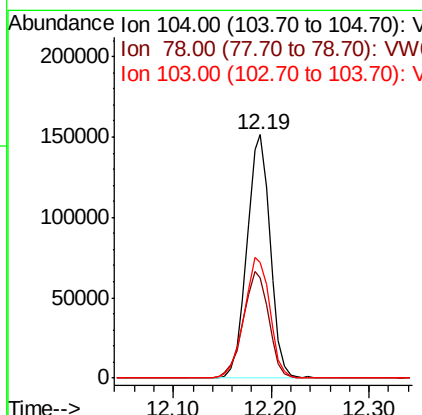
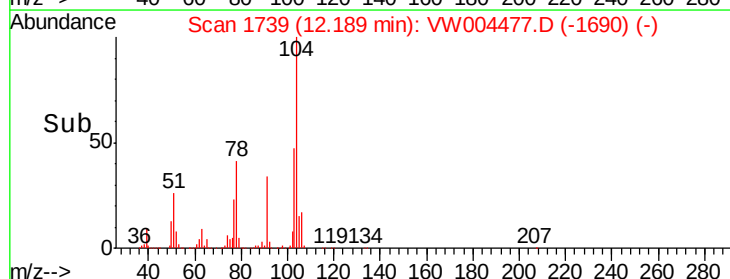
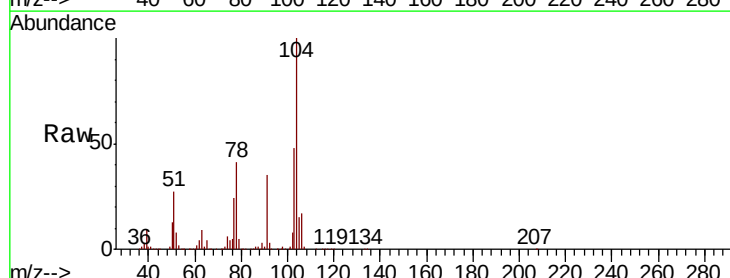
Manual Integrations
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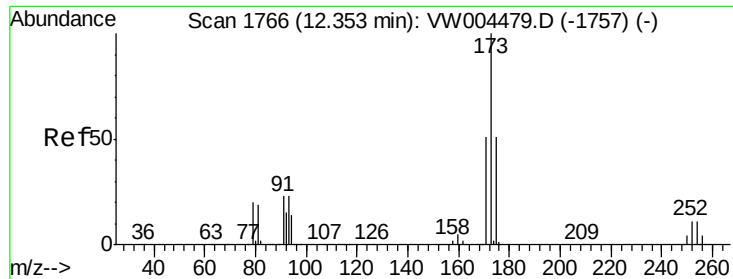
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#70
Styrene
Concen: 10.07 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion:104 Resp: 249136
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 10.18 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

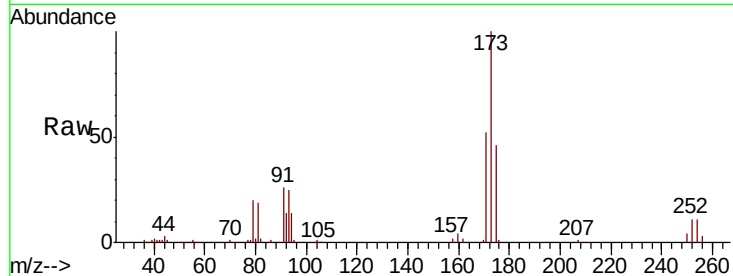
ClientSampleId :

VSTDIC010

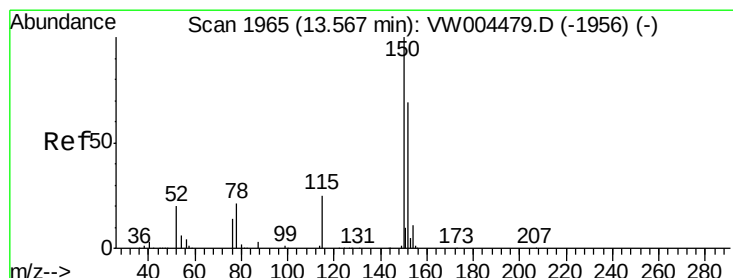
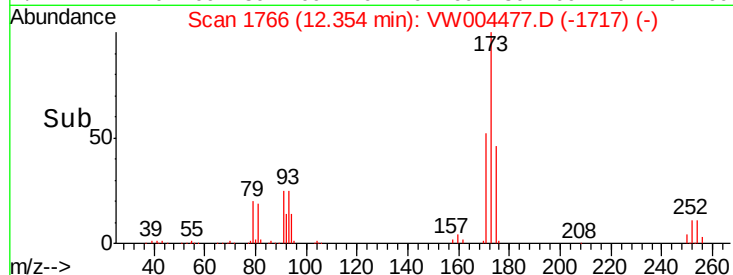
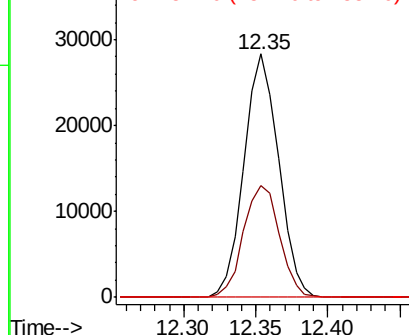
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	47.8	24.5	73.5		
254	0.0	0.2	0.2		

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

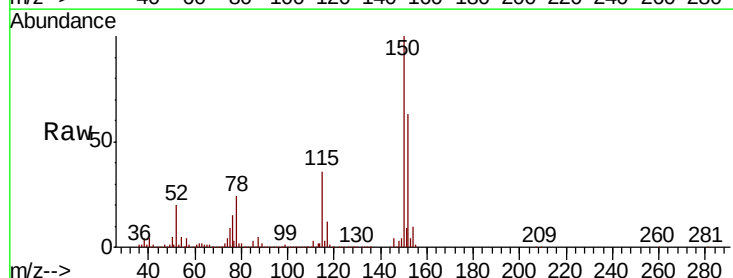
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

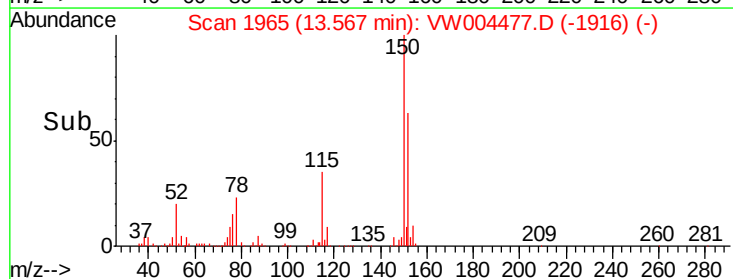
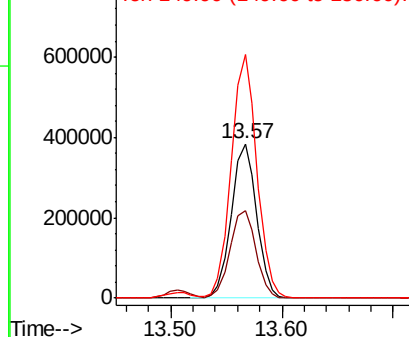
Lab File: VW004477.D

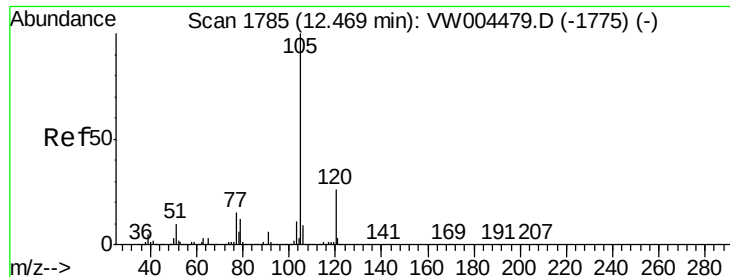
Acq: 06 Aug 2018 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	57.8	29.1	87.3		
150	159.5	0.0	349.6		



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





#73

Isopropylbenzene

Concen: 9.59 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 404119

Ion Ratio Lower Upper

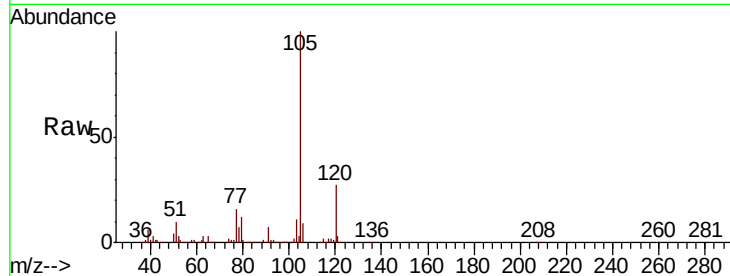
105 100

120 26.1 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

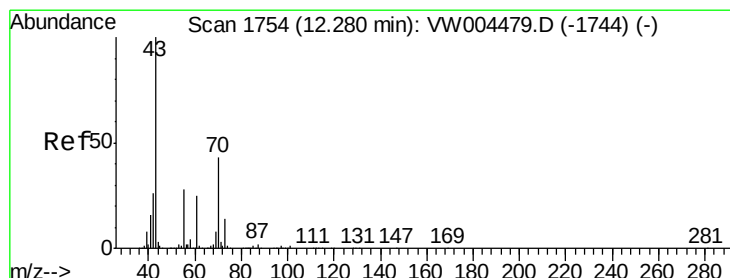
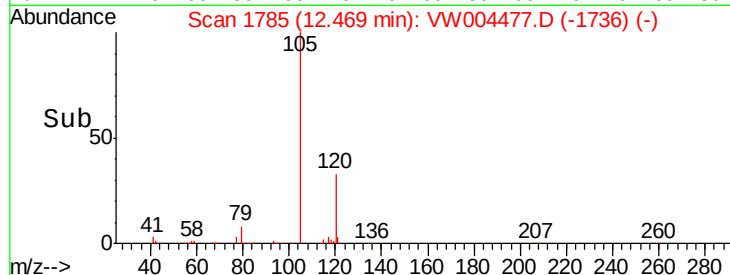
50000

0

12.47

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 10.09 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion: 43 Resp: 93378

Ion Ratio Lower Upper

43 100

70 44.7 35.3 52.9

55 32.4 22.9 34.3

61 23.8 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

40000

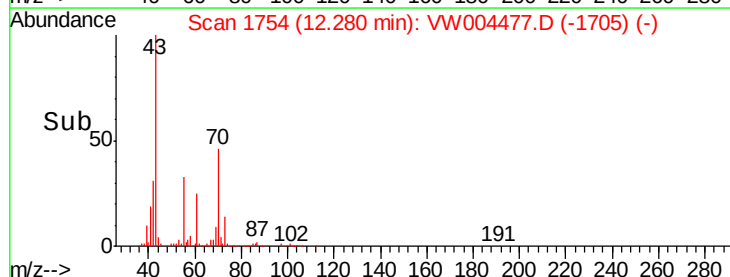
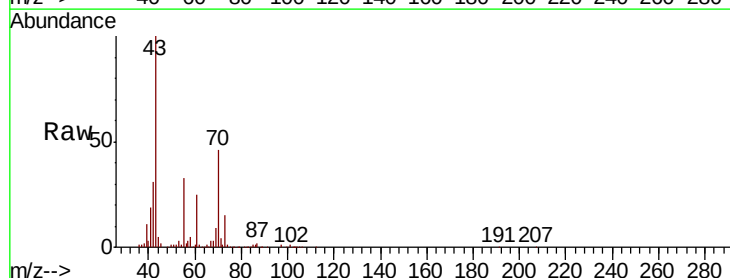
20000

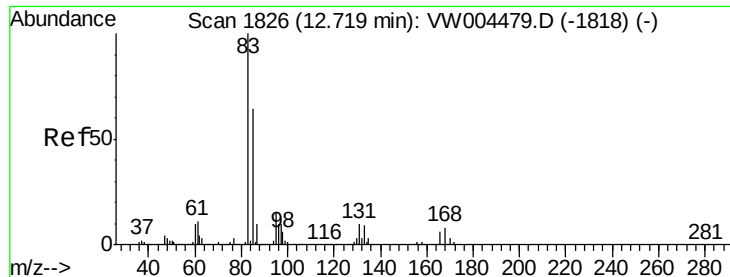
0

12.28

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 11.97 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

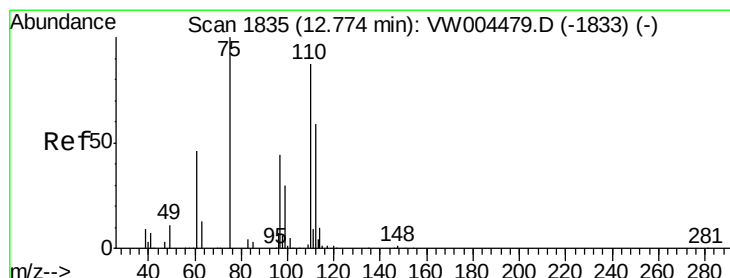
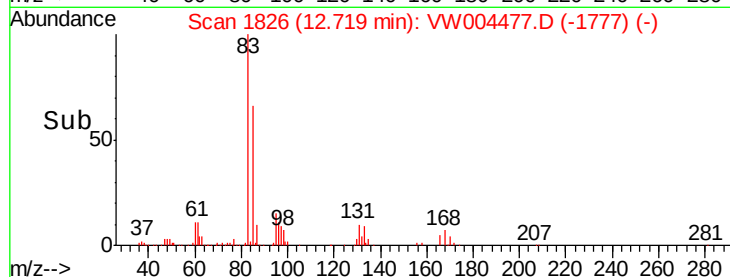
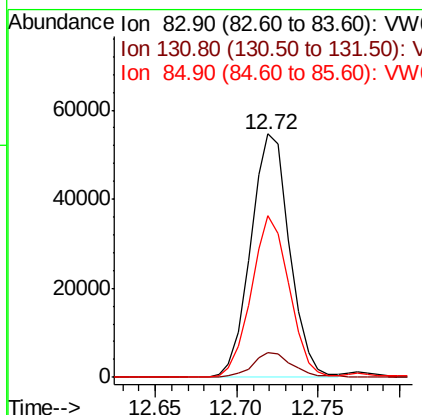
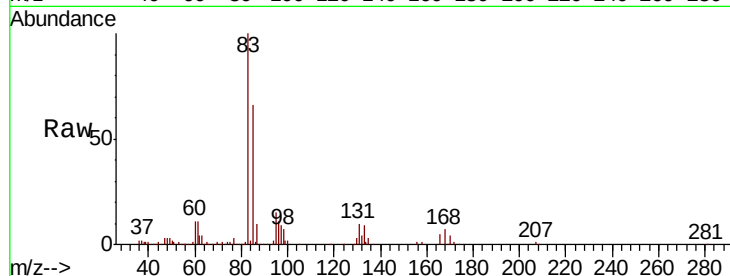
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	90365
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	64.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 11.74 ug/l m

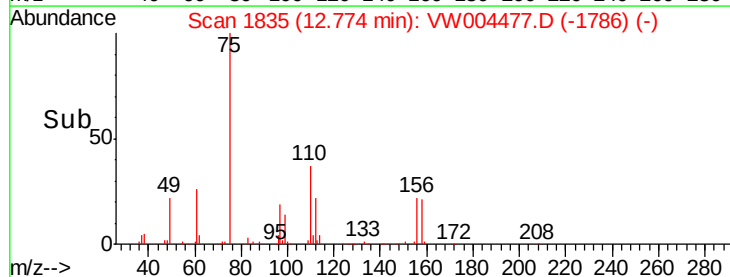
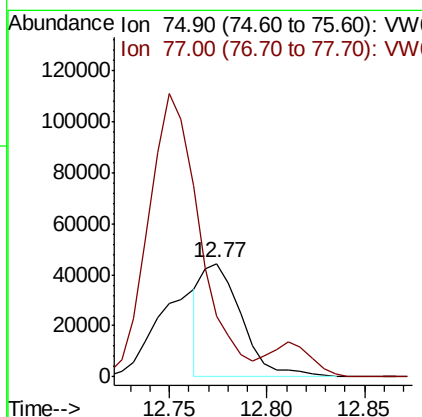
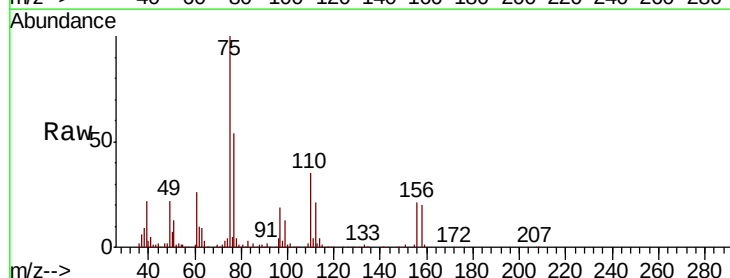
RT: 12.77 min Scan# 1835

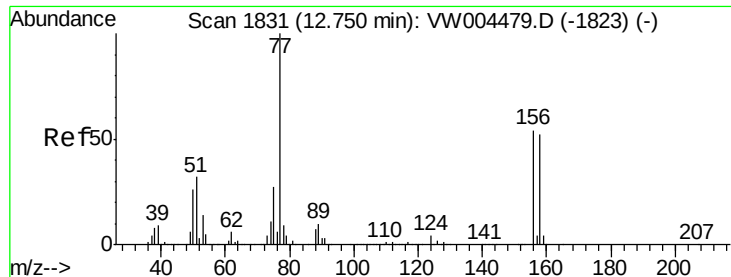
Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion:	75	Resp:	64059
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.00 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

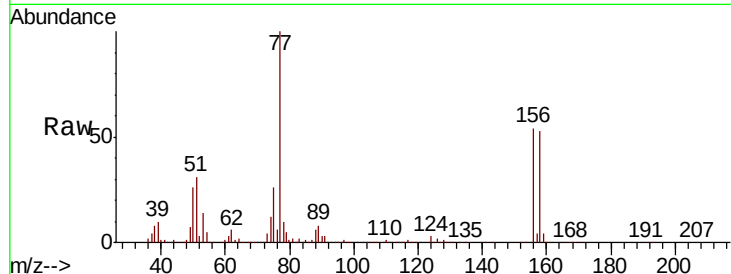
ClientSampled :

VSTDIC010

Tot Ion:	156	Resp:	101355
Ion Ratio	Lower	Upper	
156	100		
77	200.6	98.7	296.1
158	98.7	48.7	146.1

Manual Integrations
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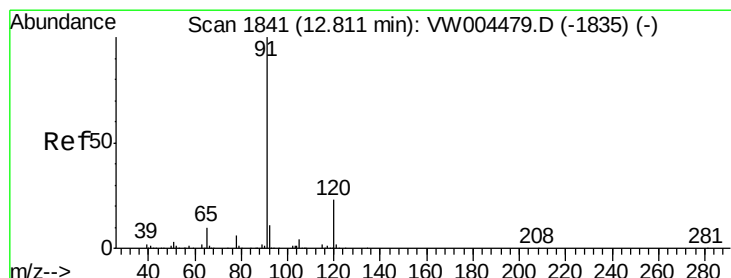
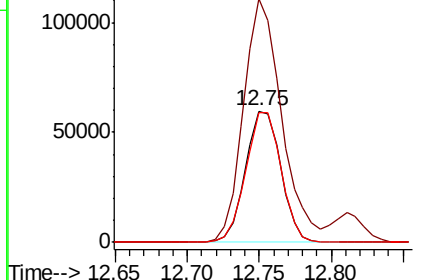
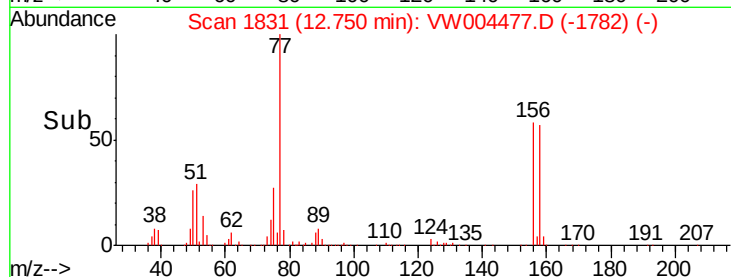
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.01 ug/l

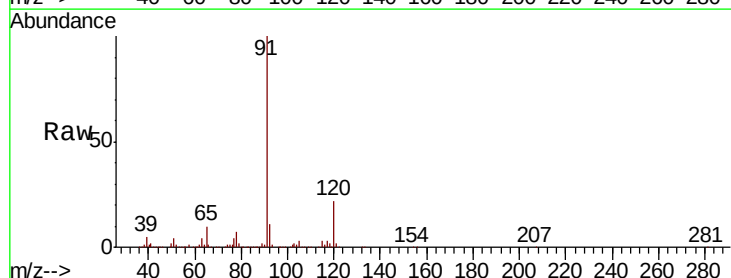
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004477.D

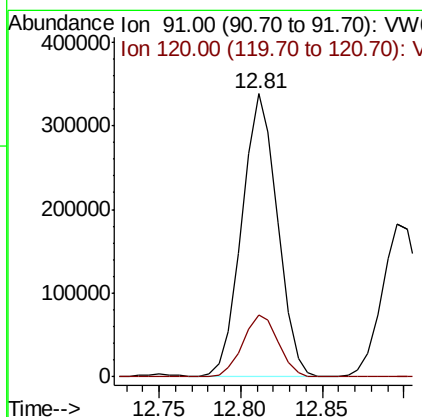
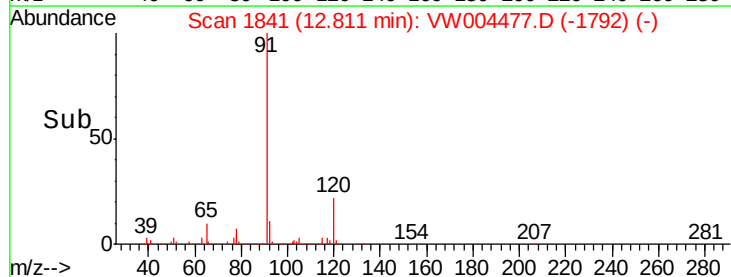
Acq: 06 Aug 2018 18:43

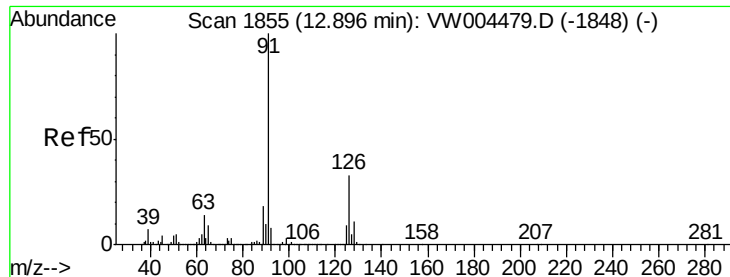
Tgt Ion:	91	Resp:	512626
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.26 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 300873

Ion Ratio Lower Upper

91 100

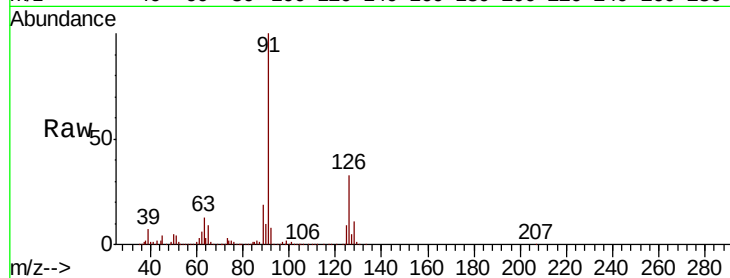
126 32.9 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.90

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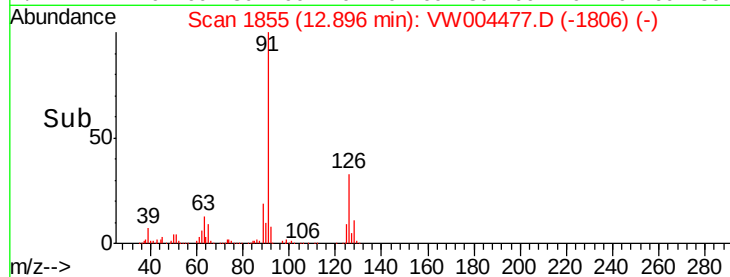
12.90

12.90

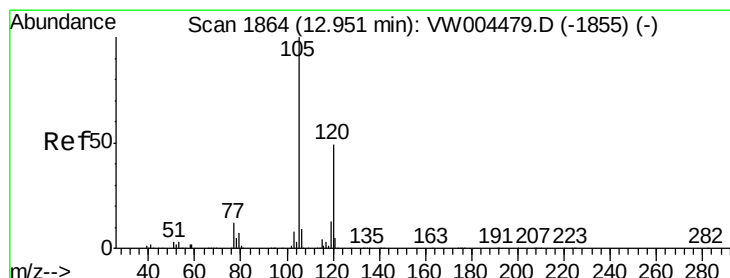
12.90

12.90

12.90



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 9.78 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004477.D

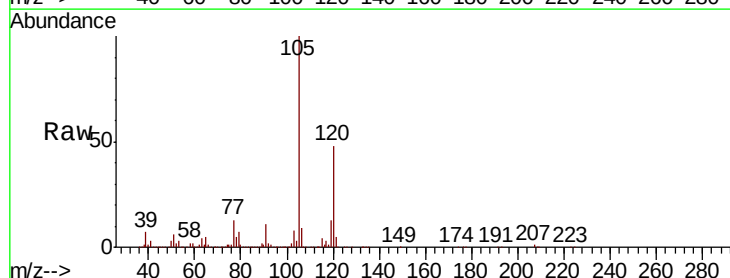
Acq: 06 Aug 2018 18:43

Tgt Ion:105 Resp: 354702

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.95

12.95

12.95

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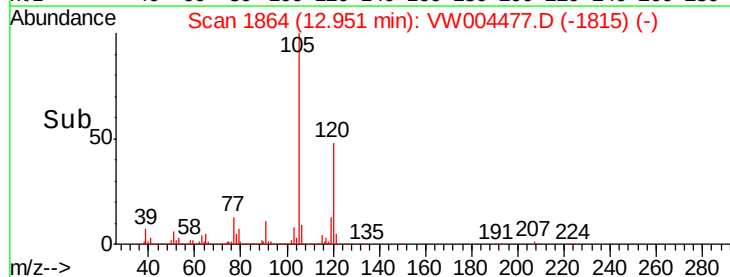
12.95

12.95

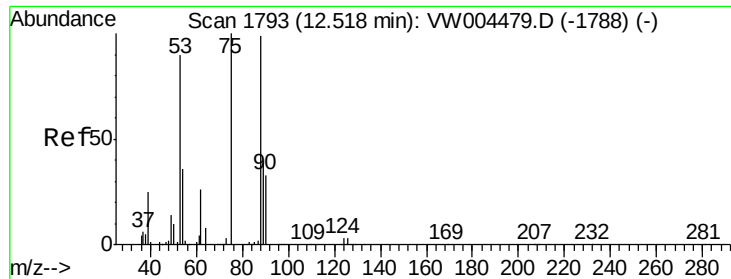
12.95

12.95

12.95



Time-->



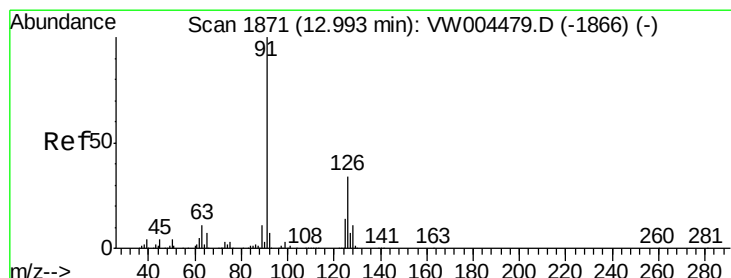
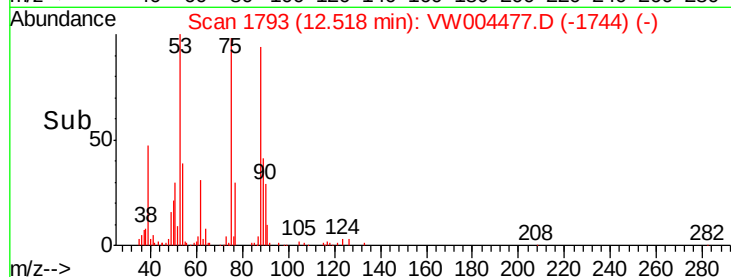
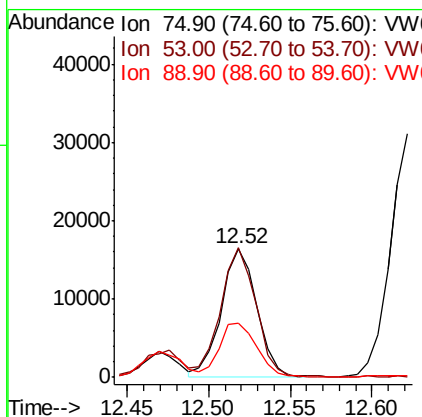
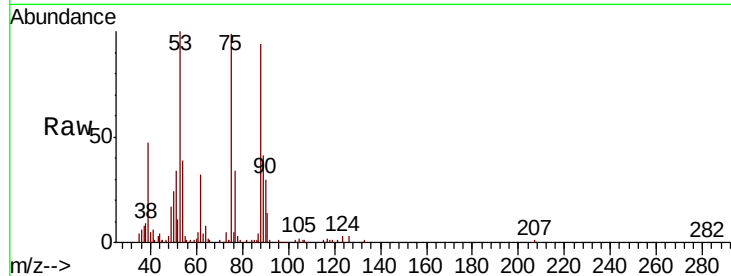
#81
trans-1,4-Dichloro-2-butene
Concen: 10.28 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	74.4	111.6
89	45.1	35.9	53.9

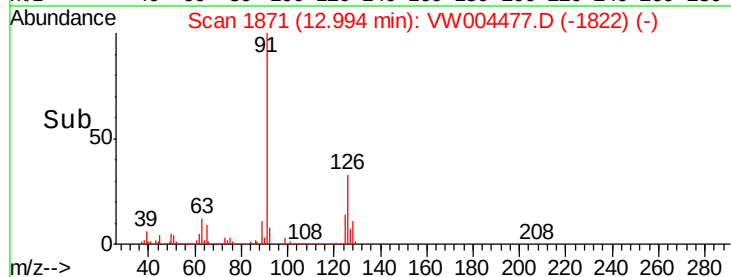
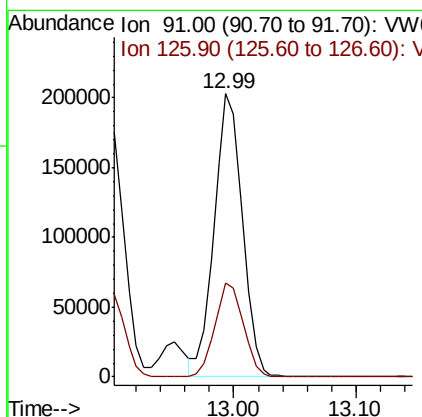
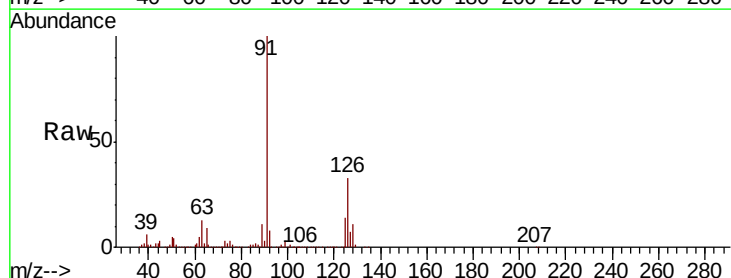
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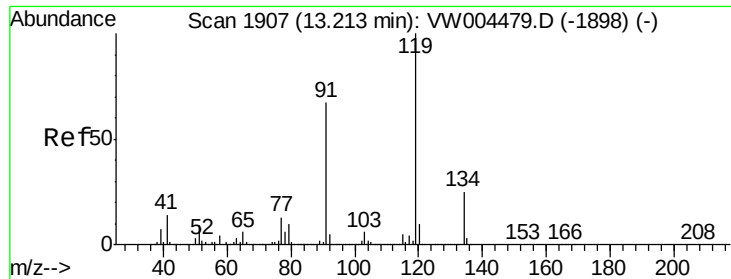
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#82
4-Chlorotoluene
Concen: 10.45 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





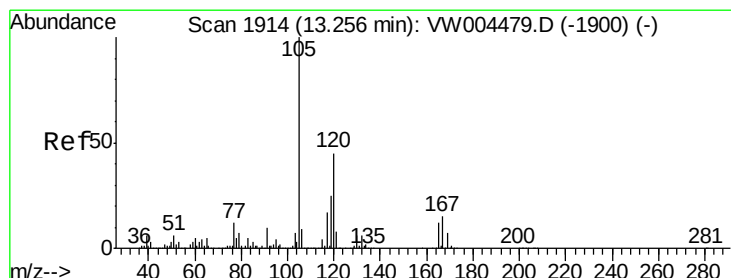
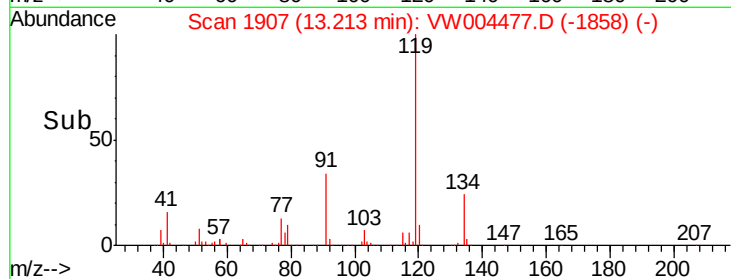
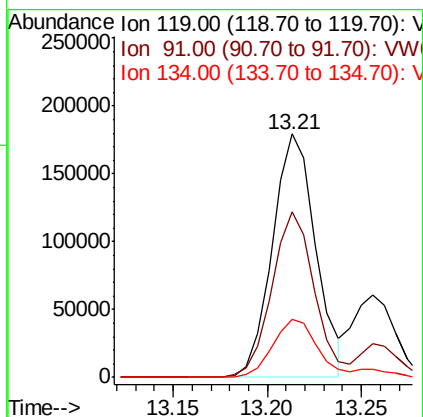
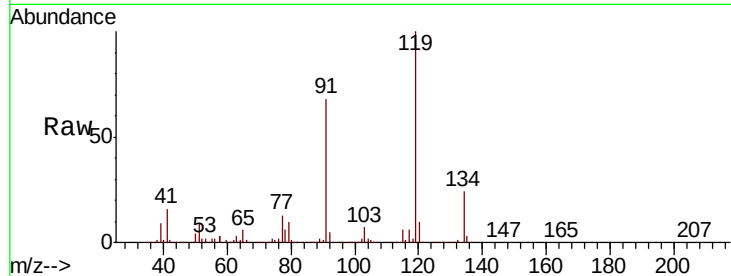
#83
 tert-Butylbenzene
 Concen: 9.50 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	286518		
91	66.8	33.3	99.8	
134	24.4	12.2	36.6	

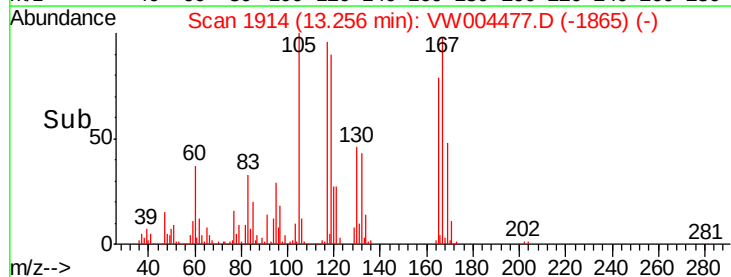
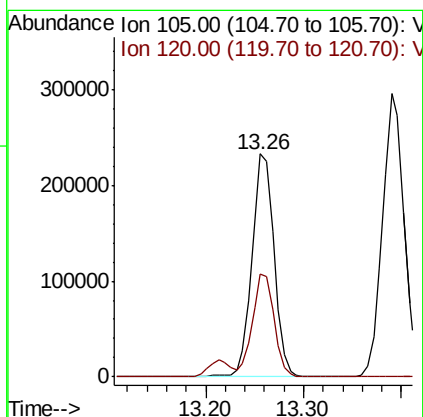
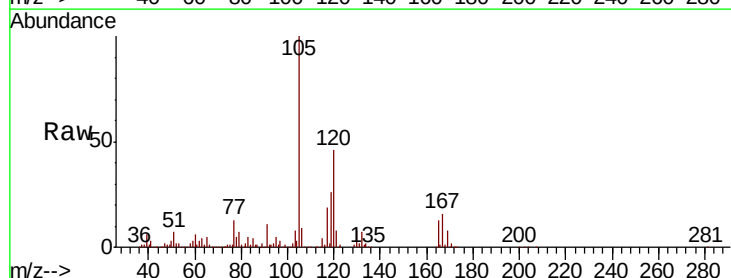
Manual Integrations
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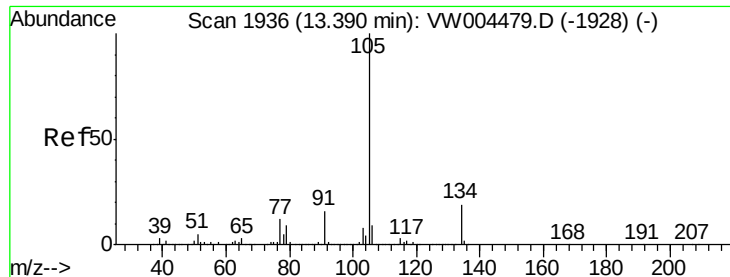
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#84
 1,2,4-Trimethylbenzene
 Concen: 9.85 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365000		
120	45.0	22.6	67.8	





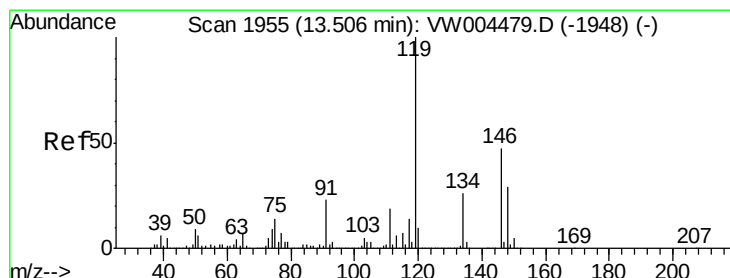
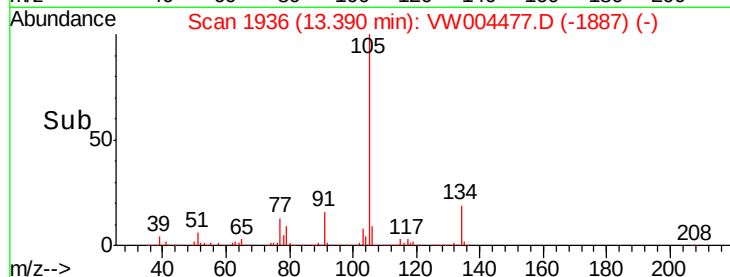
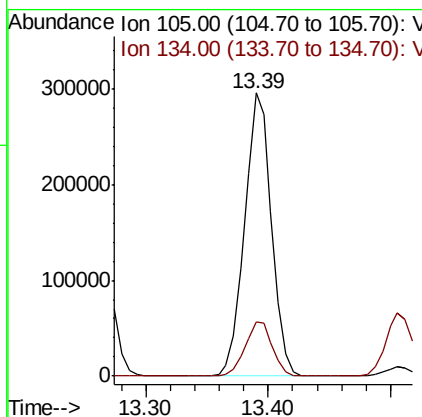
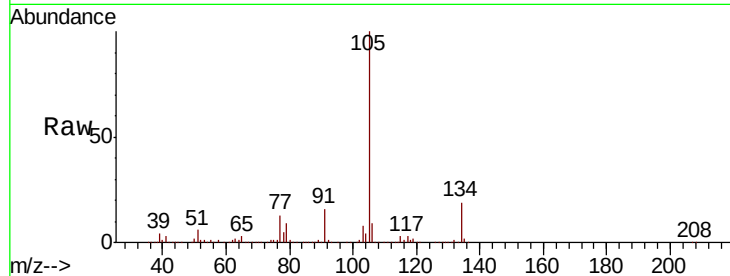
#85
 sec-Butylbenzene
 Concen: 10.16 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

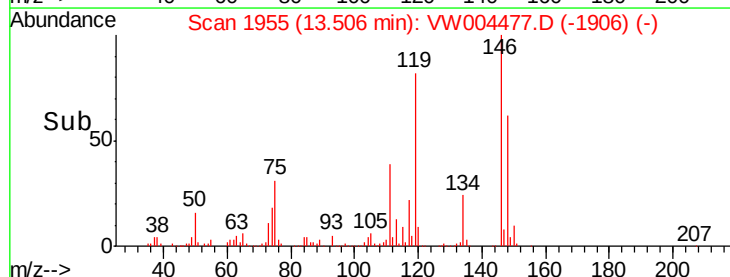
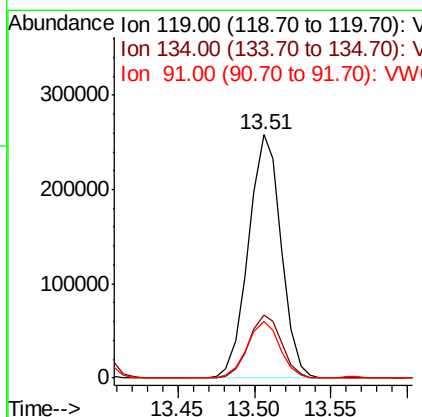
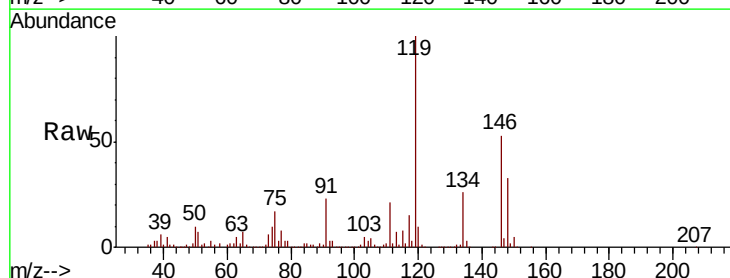
Manual Integrations
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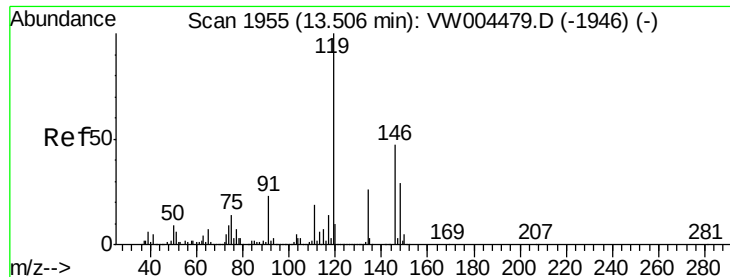
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#86
 p-Isopropyltoluene
 Concen: 9.68 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.5	11.4	34.1





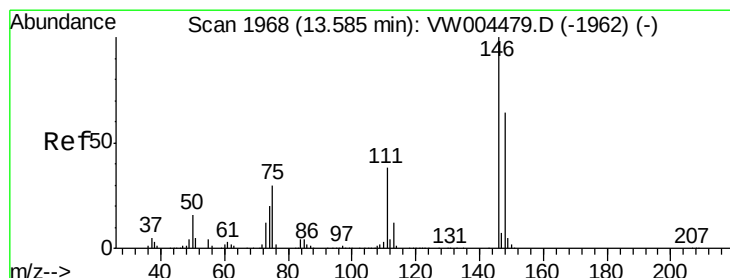
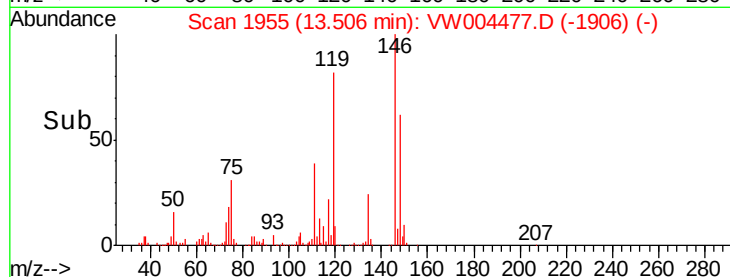
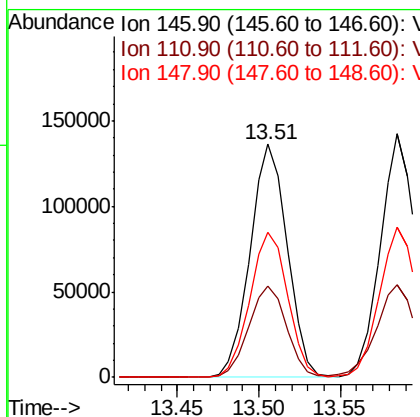
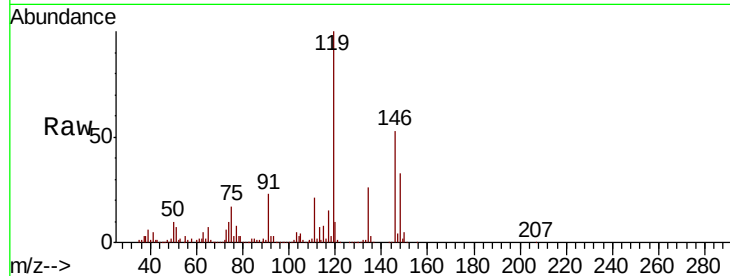
#87
 1,3-Dichlorobenzene
 Concen: 10.61 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	216419		
111	39.7	20.0	59.9	
148	63.2	31.7	95.1	

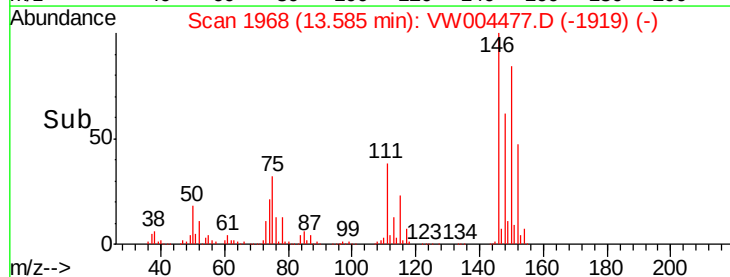
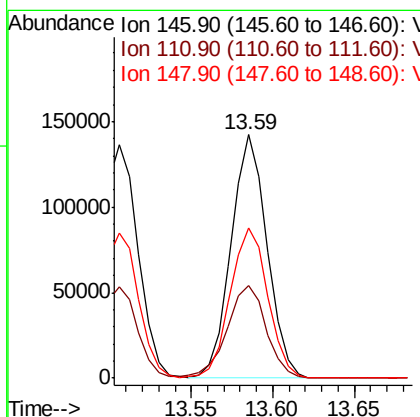
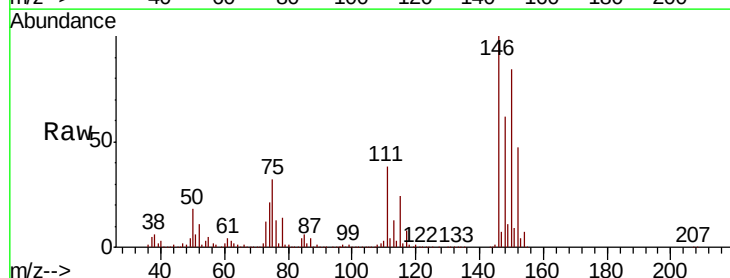
Manual Integrations
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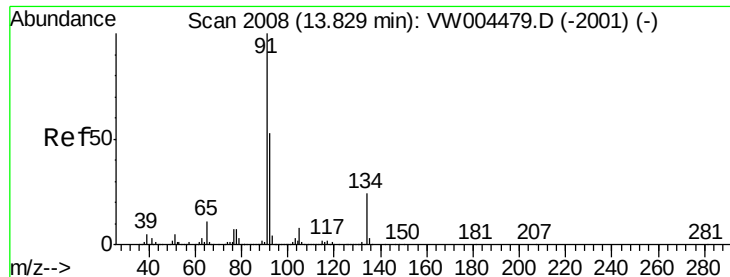
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#88
 1,4-Dichlorobenzene
 Concen: 10.72 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218108		
111	41.5	19.6	58.8	
148	64.7	31.9	95.5	





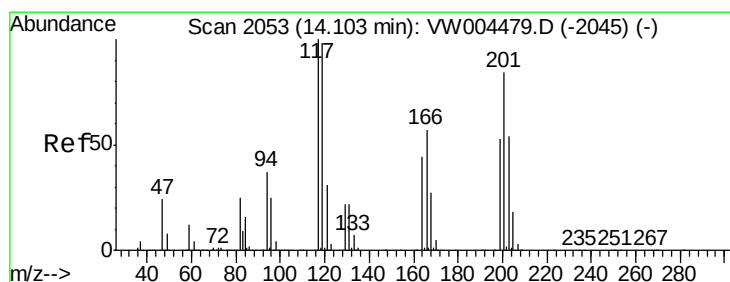
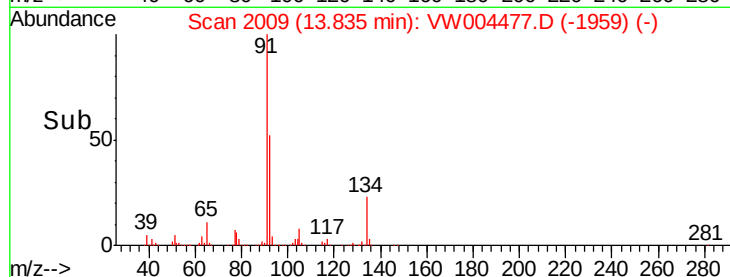
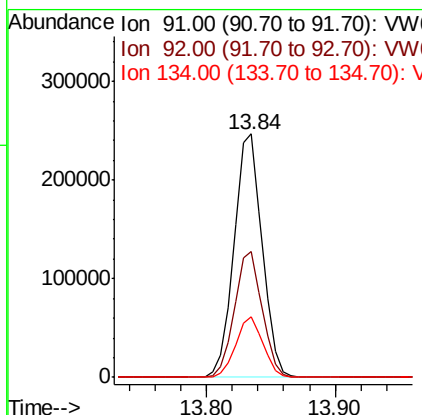
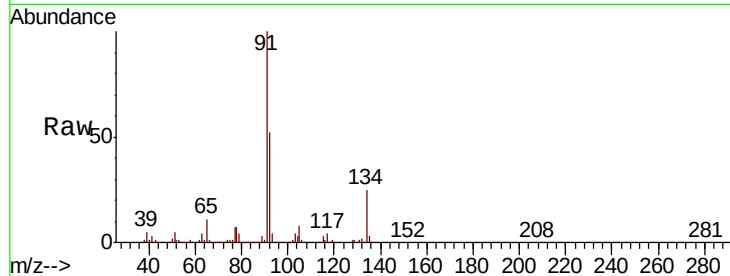
#89
n-Butylbenzene
Concen: 10.03 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.4	79.0
134	24.1	12.4	37.2

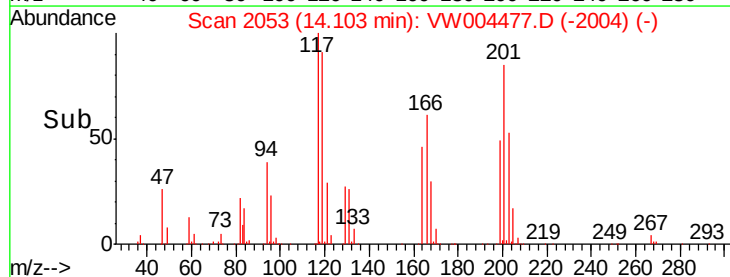
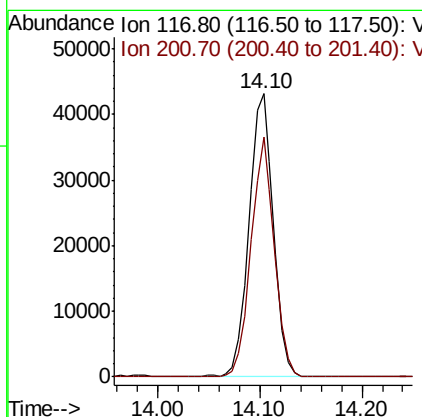
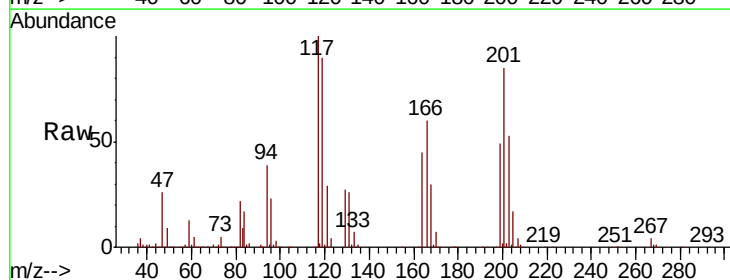
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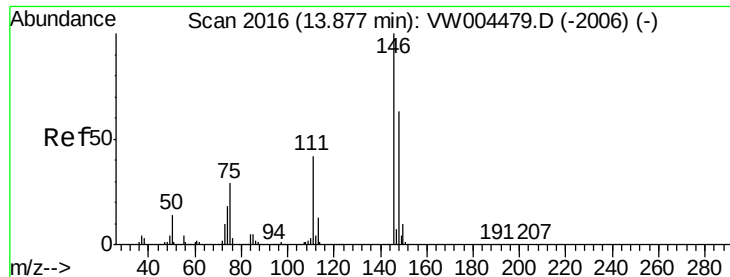
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#90
Hexachloroethane
Concen: 10.17 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	40.1	120.3





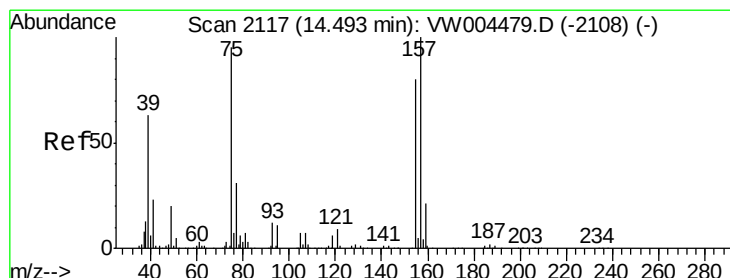
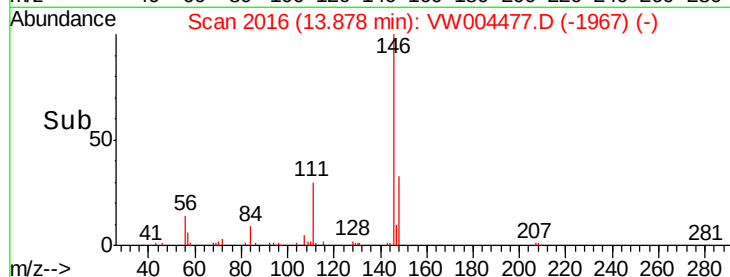
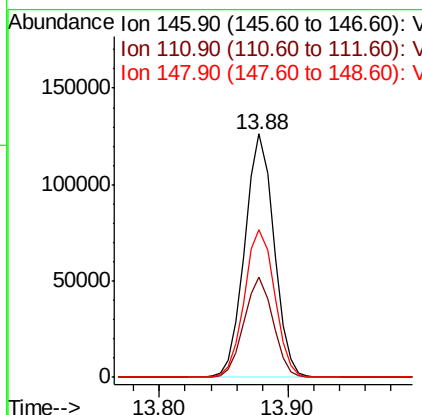
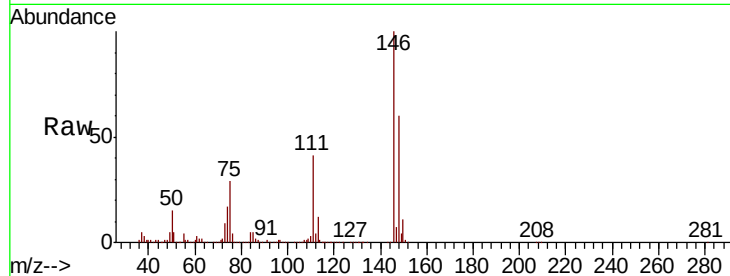
#91
 1,2-Dichlorobenzene
 Concen: 10.80 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	62.8	31.8	95.4

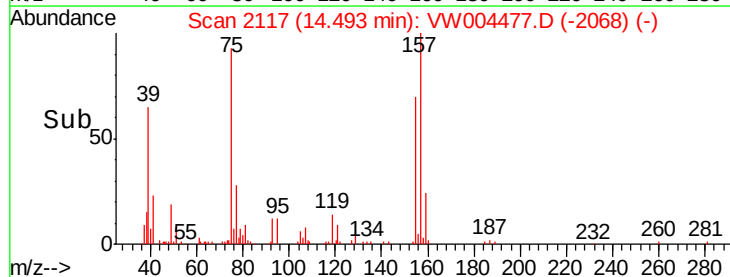
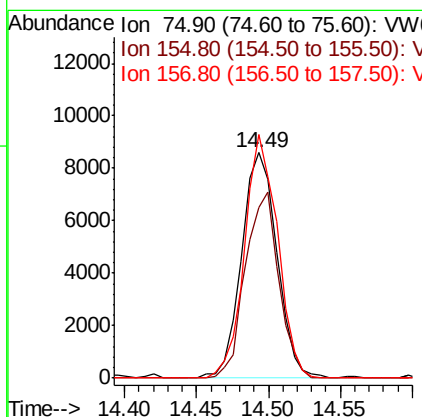
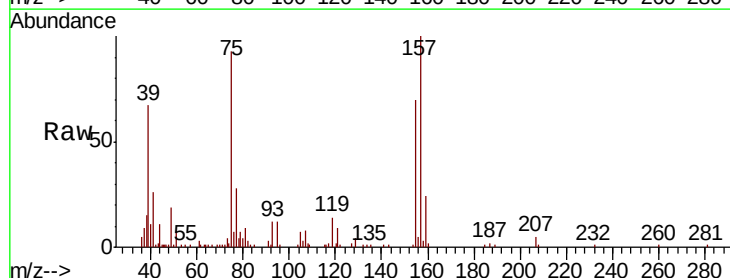
Manual Integrations
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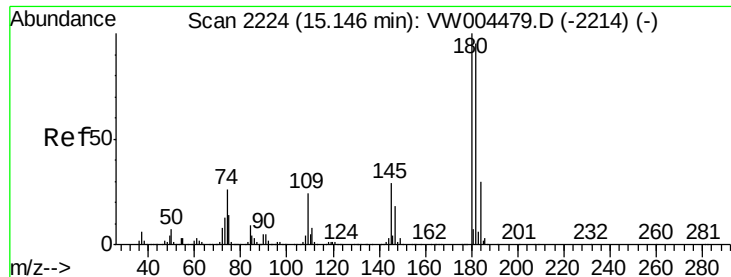
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.18 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	41.3	123.7
157	100.3	52.6	157.8





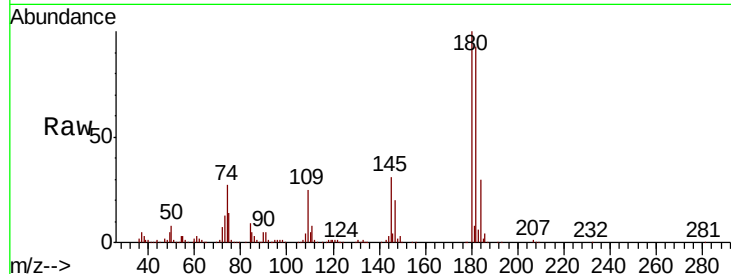
#93
 1,2,4-Trichlorobenzene
 Concen: 10.10 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

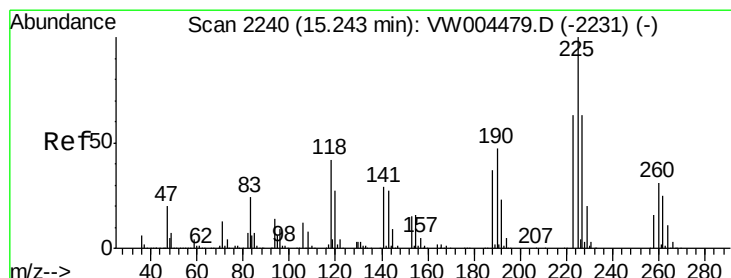
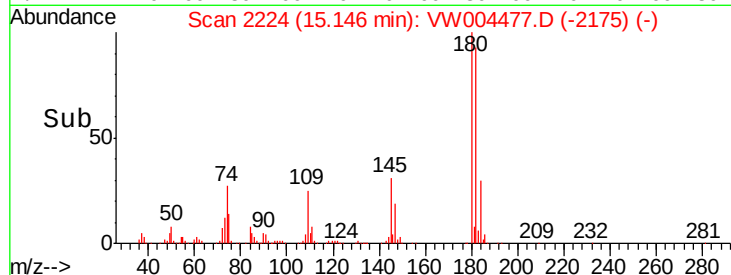
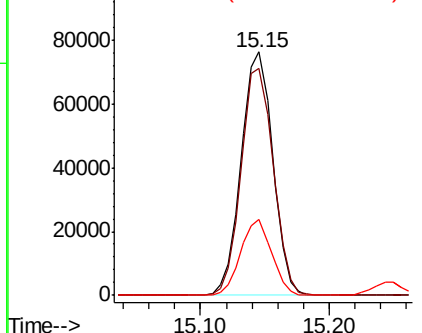
Tot Ion:	180	Resp:	129480
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.9	143.6
145	30.5	14.9	44.9

Manual Integrations
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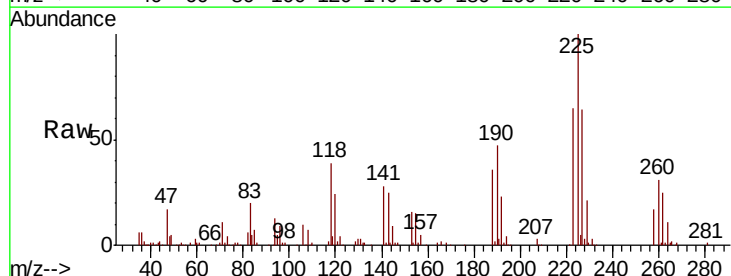


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

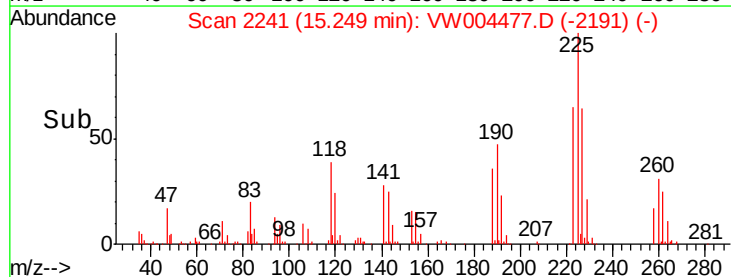
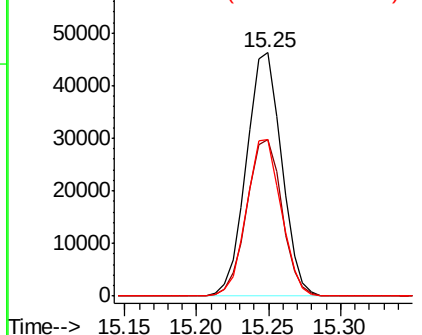


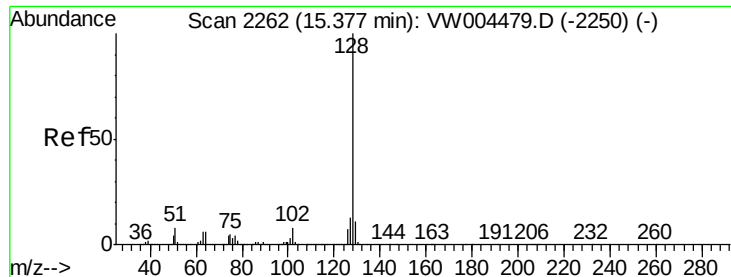
#94
 Hexachlorobutadiene
 Concen: 10.03 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:	225	Resp:	78203
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.3	93.8
227	63.4	31.8	95.4



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





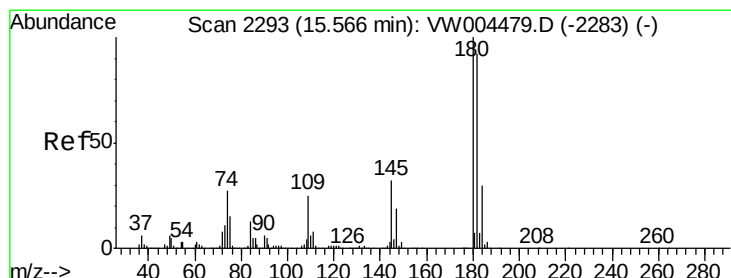
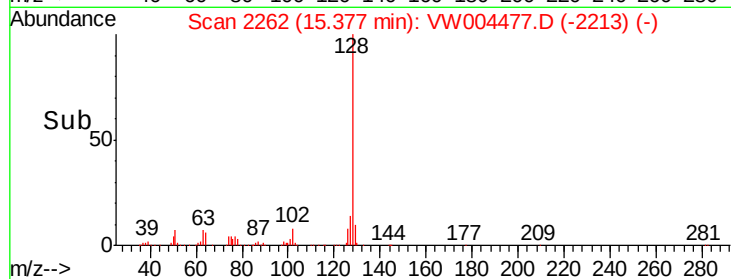
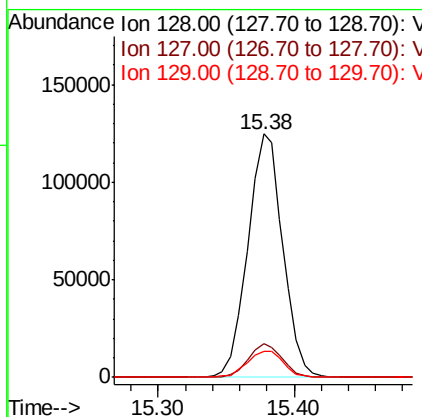
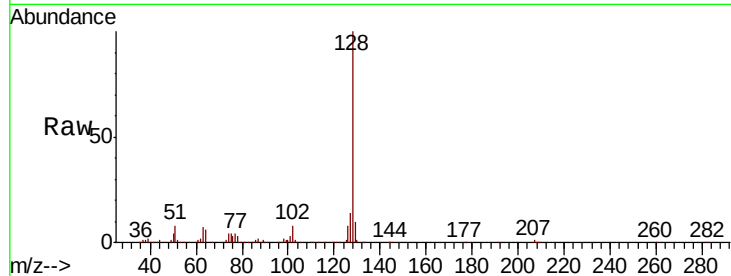
#95
Naphthalene
Concen: 9.99 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 10.46 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	31.9	15.9	47.6

