

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005477.D
 Acq On : 18 Sep 2018 14:33
 Operator : SY/AP
 Sample : VW0918SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Manual Integrations
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 9/19/2018 11:25:45 AM

Quant Time: Sep 18 17:00:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	339255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	505675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	482961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	249152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157193	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
35) Dibromofluoromethane	7.89	113	131031	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	10.33	98	646253	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.62	95	238240	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	70235	21.96	ug/l	98
3) Chloromethane	2.21	50	92022	22.98	ug/l	99
4) Vinyl Chloride	2.36	62	82996	22.12	ug/l	97
5) Bromomethane	2.77	94	46009	16.39	ug/l	96
6) Chloroethane	2.92	64	44838	20.17	ug/l	100
7) Trichlorofluoromethane	3.26	101	98942	19.91	ug/l	99
8) Diethyl Ether	3.70	74	32311	21.88	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	62815	21.67	ug/l	95
10) Methyl Iodide	4.28	142	62324	19.59	ug/l	95
11) Tert butyl alcohol	5.20	59	23847	100.82	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	56616	21.57	ug/l	96
13) Acrolein	3.90	56	20324	132.09	ug/l	97
14) Allyl chloride	4.68	41	115384	23.62	ug/l	93
15) Acrylonitrile	5.38	53	74636	110.48	ug/l	99
16) Acetone	4.14	43	63942	116.66	ug/l	100
17) Carbon Disulfide	4.39	76	197380	21.35	ug/l	99
18) Methyl Acetate	4.68	43	35628	21.05	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	148163	20.79	ug/l	98
20) Methylene Chloride	4.92	84	86796	21.58	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	65014	20.74	ug/l	98
22) Diisopropyl ether	6.32	45	227954	23.74	ug/l	95
23) Vinyl Acetate	6.27	43	643904	117.70	ug/l	98
24) 1,1-Dichloroethane	6.23	63	124643	21.39	ug/l	99
25) 2-Butanone	7.18	43	101508	119.83	ug/l	94
26) 2,2-Dichloropropane	7.18	77	112316	21.49	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	69708	20.44	ug/l	95
28) Bromochloromethane	7.52	49	50391	22.24	ug/l #	12
29) Tetrahydrofuran	7.54	42	63141	117.00	ug/l	93
30) Chloroform	7.68	83	118810	19.69	ug/l	100
31) Cyclohexane	7.96	56	133359	23.73	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	110024	19.61	ug/l	98
36) 1,1-Dichloropropene	8.09	75	103458	21.62	ug/l	99
37) Ethyl Acetate	7.26	43	45833	23.55	ug/l	98
38) Carbon Tetrachloride	8.07	117	95779	19.21	ug/l	99

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Quant Time: Sep 18 17:00:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123777	22.26	ug/l	97
40) Benzene	8.33	78	289504	20.88	ug/l	100
41) Methacrylonitrile	7.49	41	27554	23.47	ug/l	94
42) 1,2-Dichloroethane	8.41	62	81665	18.82	ug/l	96
43) Isopropyl Acetate	8.43	43	82874	21.82	ug/l	99
44) Trichloroethene	9.10	130	71405	20.01	ug/l	98
45) 1,2-Dichloropropane	9.38	63	73700	22.25	ug/l	98
46) Dibromomethane	9.46	93	32552	19.98	ug/l	96
47) Bromodichloromethane	9.65	83	88039	19.94	ug/l	98
48) Methyl methacrylate	9.44	41	40917	21.59	ug/l	96
49) 1,4-Dioxane	9.46	88	11169	411.29	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	221471	113.27	ug/l	99
52) Toluene	10.40	92	199179	21.22	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	89621	20.29	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	107592	21.51	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48919	20.20	ug/l	94
56) Ethyl methacrylate	10.65	69	63675	20.77	ug/l	97
57) 1,3-Dichloropropane	10.94	76	87656	20.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156830	113.13	ug/l	96
59) 2-Hexanone	10.98	43	162610	122.10	ug/l	99
60) Dibromochloromethane	11.13	129	54927	18.85	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43808	20.17	ug/l	99
64) Tetrachloroethene	10.87	164	69059	19.35	ug/l	95
65) Chlorobenzene	11.66	112	212284	20.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	62516	19.08	ug/l	97
67) Ethyl Benzene	11.74	91	384926	21.35	ug/l	100
68) m/p-Xylenes	11.85	106	293907	42.37	ug/l	100
69) o-Xylene	12.17	106	135880	21.03	ug/l	99
70) Styrene	12.19	104	225373	21.14	ug/l	100
71) Bromoform	12.35	173	31545	18.20	ug/l #	100
73) Isopropylbenzene	12.47	105	377517	21.60	ug/l	100
74) N-amyl acetate	12.28	43	83900	22.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	55114	21.61	ug/l	98
76) 1,2,3-Trichloropropane	12.76	75	36847m	17.98	ug/l	
77) Bromobenzene	12.75	156	83765	20.27	ug/l	95
78) n-propylbenzene	12.81	91	470764	22.32	ug/l	99
79) 2-Chlorotoluene	12.90	91	269821	21.68	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	323018	21.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16618	21.04	ug/l	99
82) 4-Chlorotoluene	12.99	91	279801	21.30	ug/l	100
83) tert-Butylbenzene	13.21	119	269631	21.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	323577	20.90	ug/l	99
85) sec-Butylbenzene	13.39	105	398510	21.77	ug/l	99
86) p-Isopropyltoluene	13.51	119	350376	21.40	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	174702	20.84	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	171796	20.81	ug/l	99
89) n-Butylbenzene	13.83	91	339405	22.27	ug/l	99
90) Hexachloroethane	14.10	117	55260	19.70	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	149845	20.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9364	19.12	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

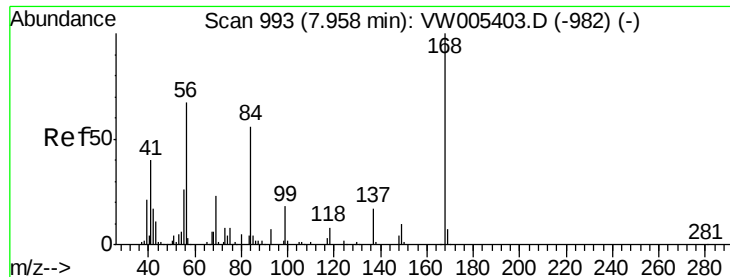
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	100454	20.55	ug/l	98
94) Hexachlorobutadiene	15.25	225	65952	20.67	ug/l	100
95) Naphthalene	15.38	128	160345	19.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	87540	20.52	ug/l	98

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



#1

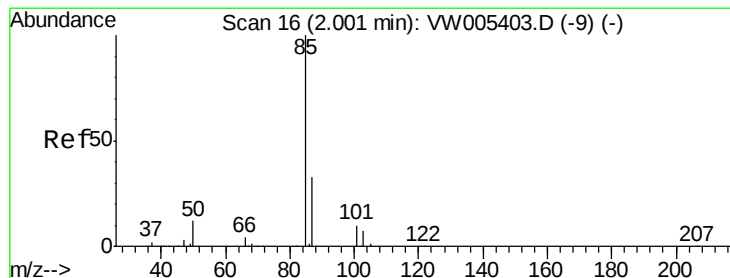
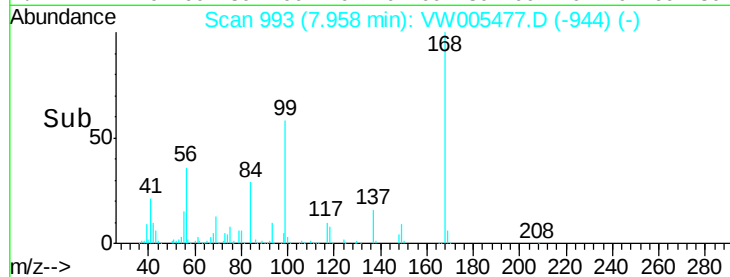
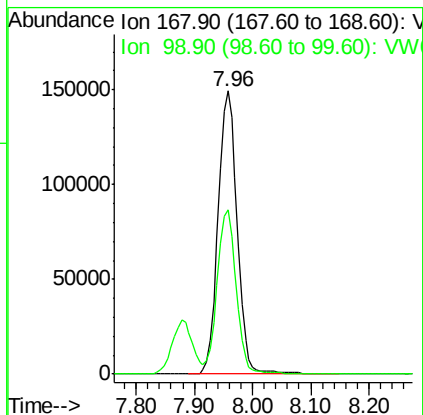
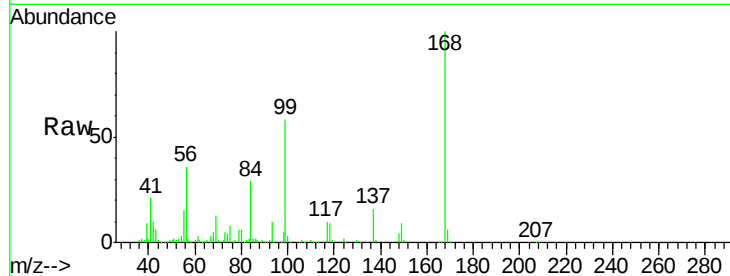
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.0	45.0	67.6

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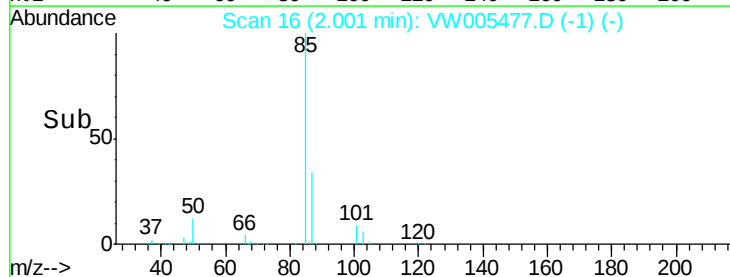
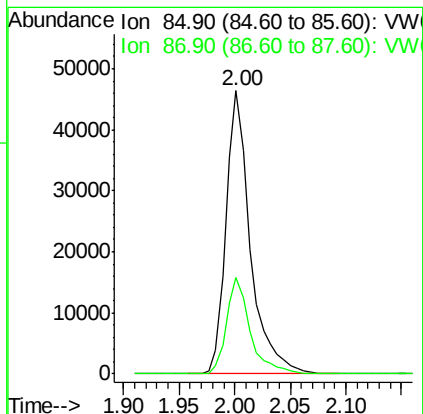
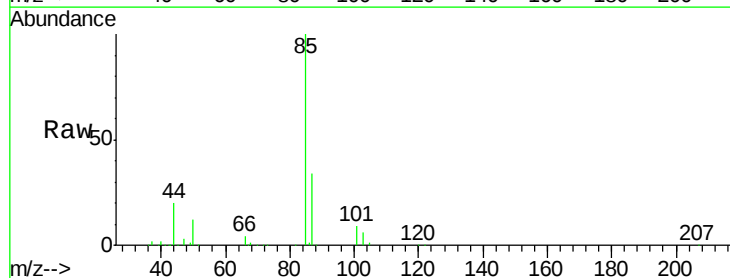
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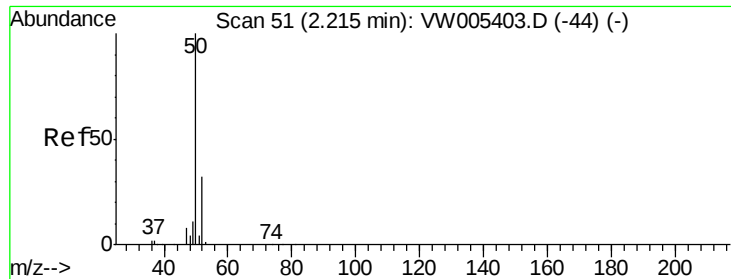


#2

Dichlorodifluoromethane
 Concen: 21.96 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.4	49.1





#3

Chloromethane

Concen: 22.98 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion: 50 Resp: 92022

Ion Ratio Lower Upper

50 100

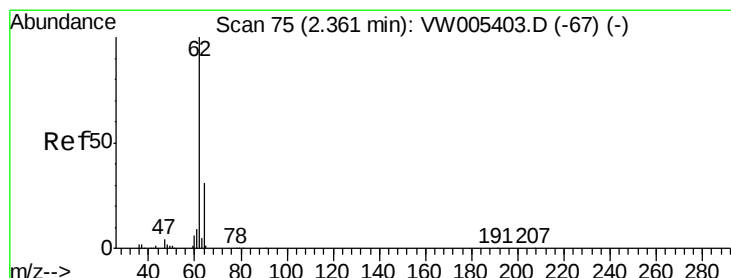
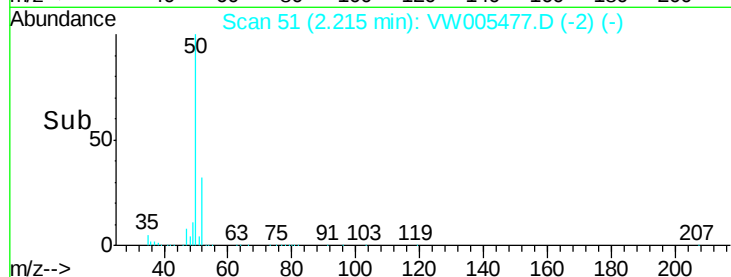
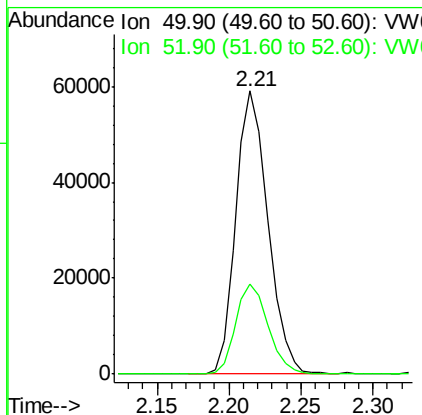
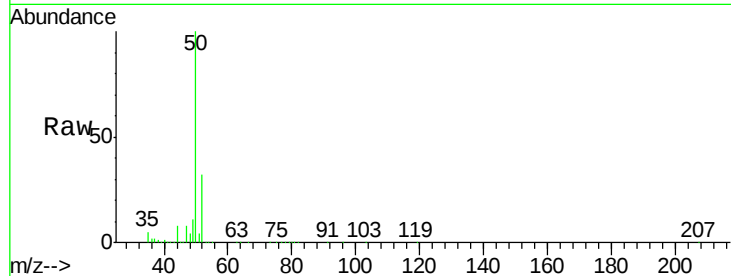
52 31.9 25.8 38.6

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#4

Vinyl Chloride

Concen: 22.12 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005477.D

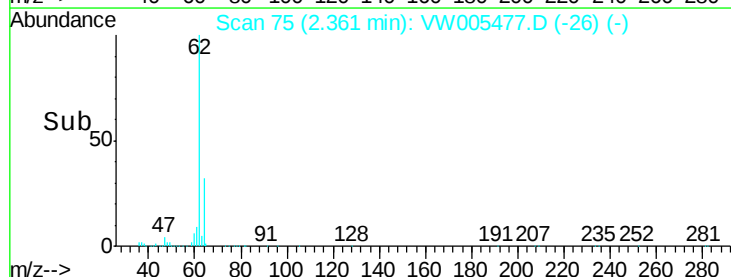
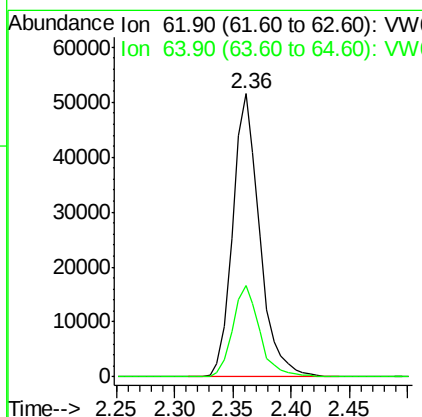
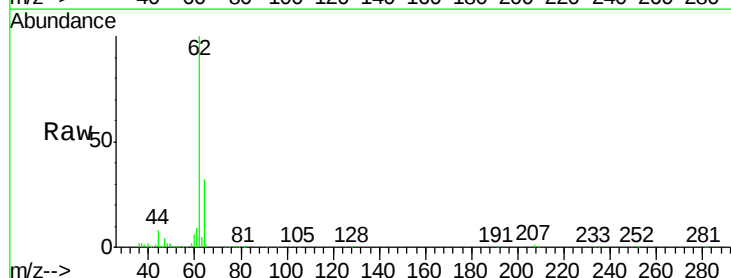
Acq: 18 Sep 2018 14:33

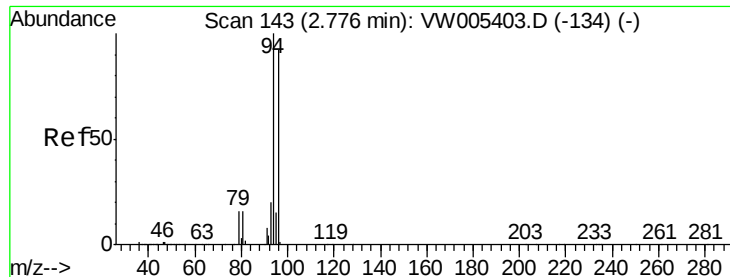
Tgt Ion: 62 Resp: 82996

Ion Ratio Lower Upper

62 100

64 32.5 24.5 36.7





#5

Bromomethane

Concen: 16.39 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 94 Resp: 46009

Ion Ratio Lower Upper

94 100

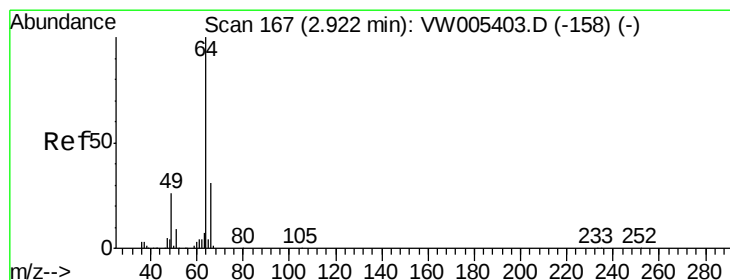
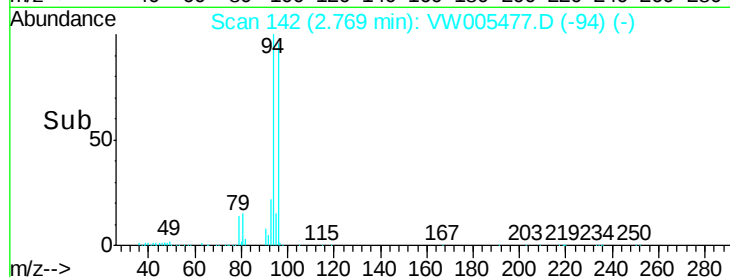
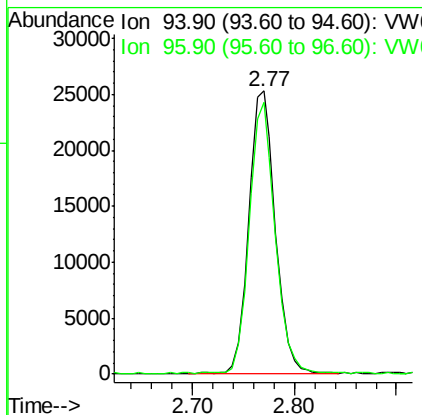
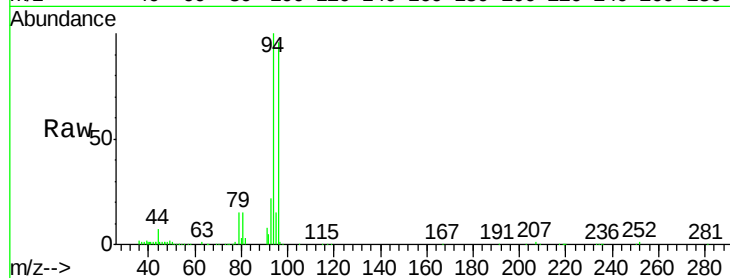
96 95.5 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 20.17 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005477.D

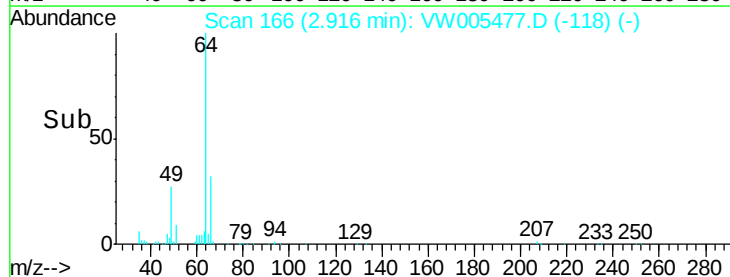
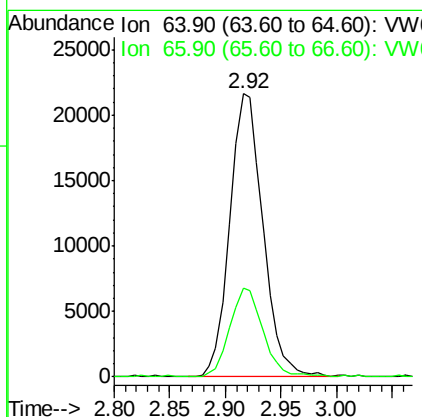
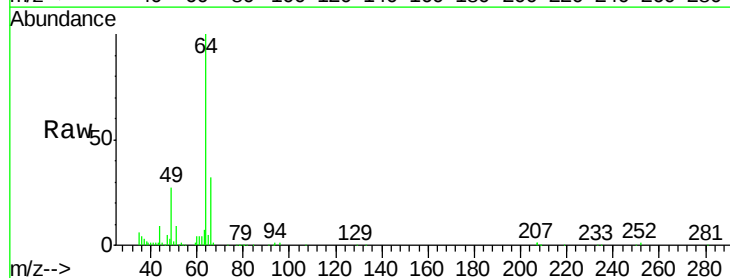
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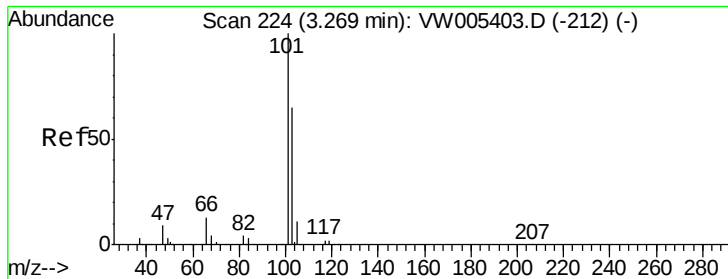
Tgt Ion: 64 Resp: 44838

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

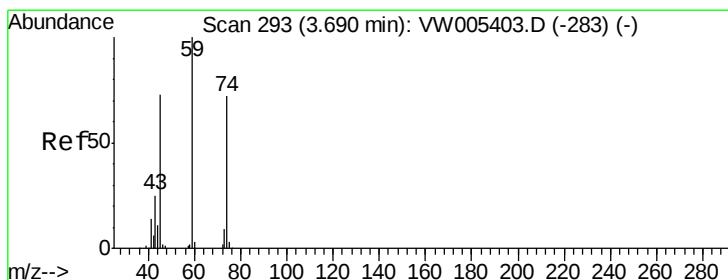
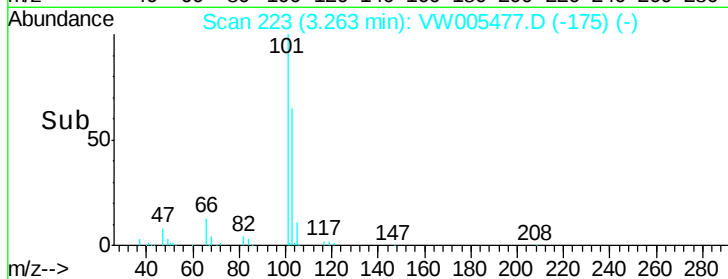
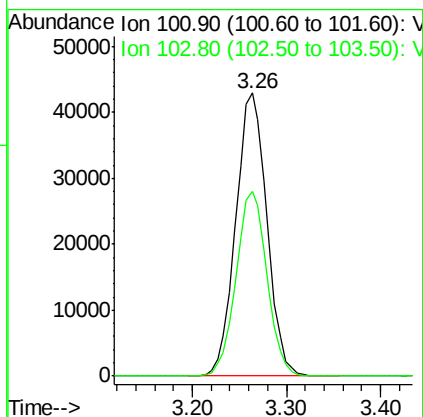
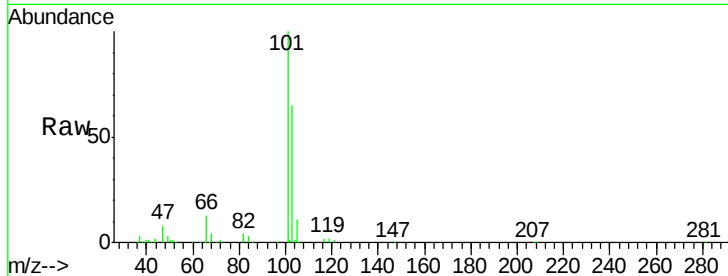
Trichlorofluoromethane
 Concen: 19.91 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.7	77.5

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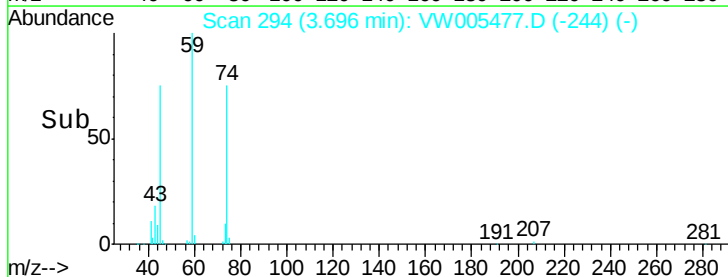
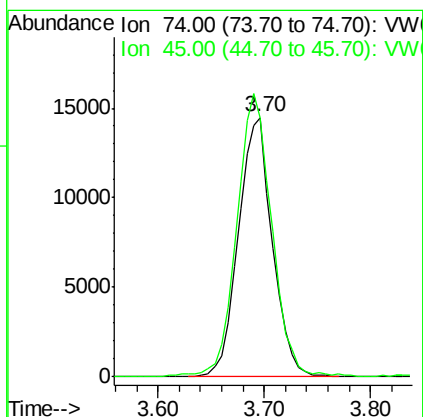
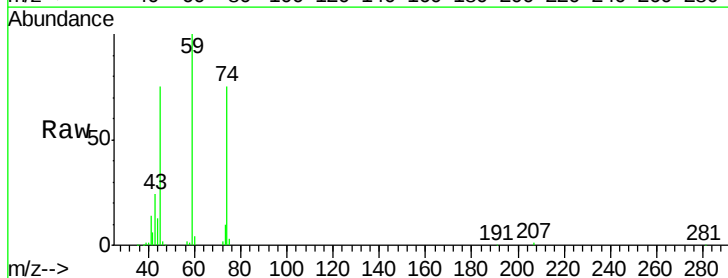
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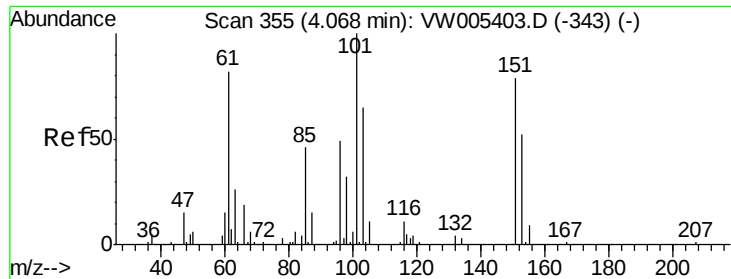


#8

Diethyl Ether
 Concen: 21.88 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.0	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.67 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

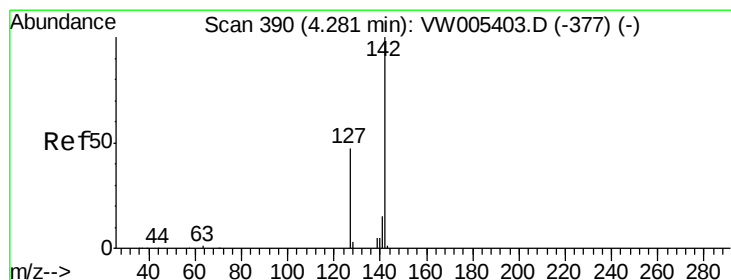
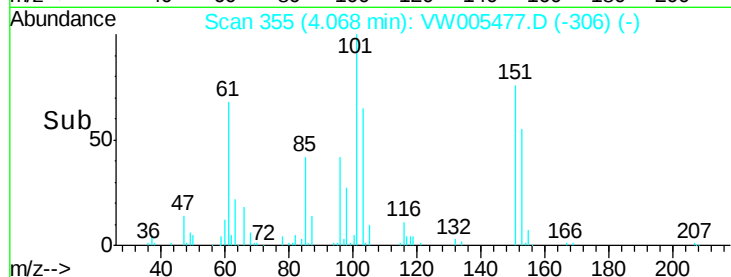
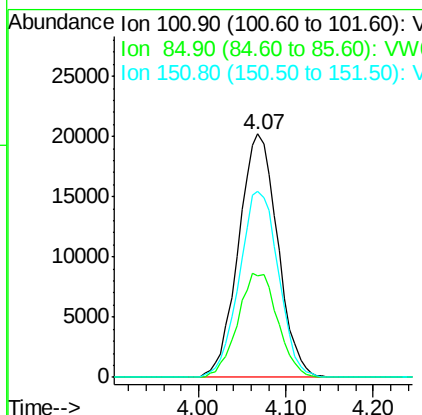
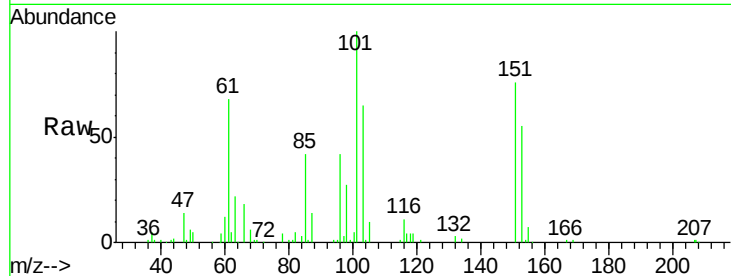
ClientSampleId :

VW0918SBS01

Tot Ion:	101	Resp:	62815
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.6	54.8
151	76.8	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.59 ug/l

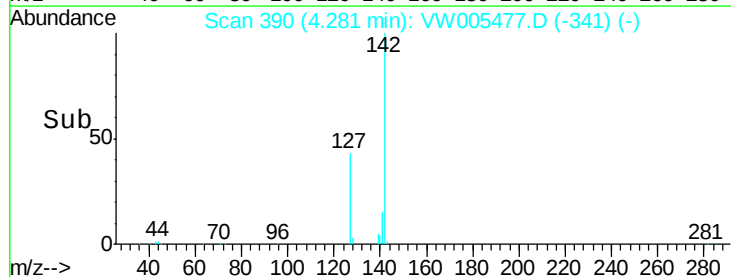
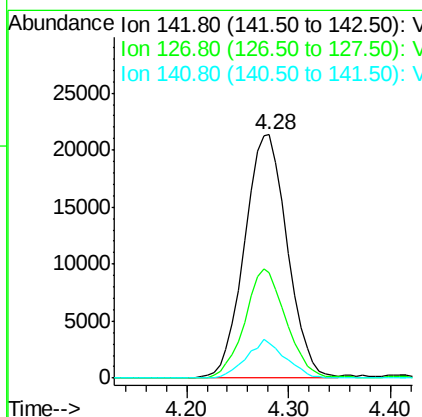
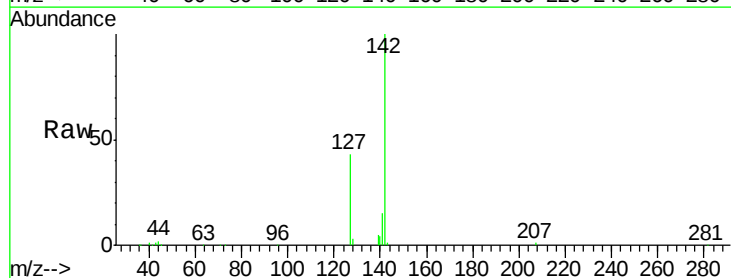
RT: 4.28 min Scan# 390

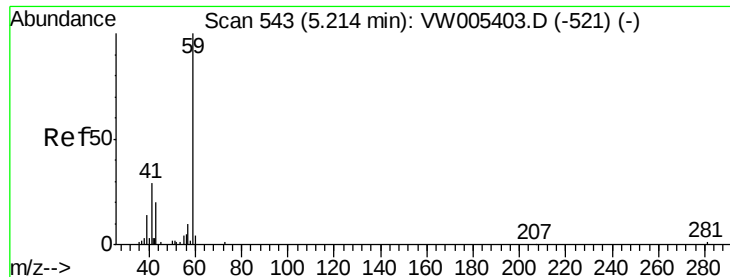
Delta R.T. 0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	142	Resp:	62324
Ion Ratio	Lower	Upper	
142	100		
127	43.2	37.5	56.3
141	14.3	12.4	18.6





#11

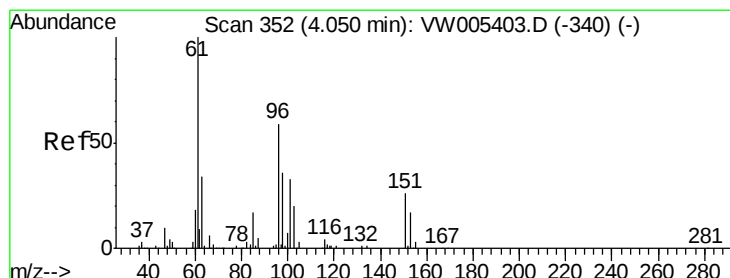
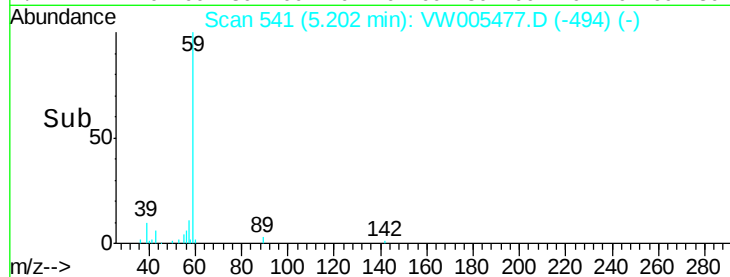
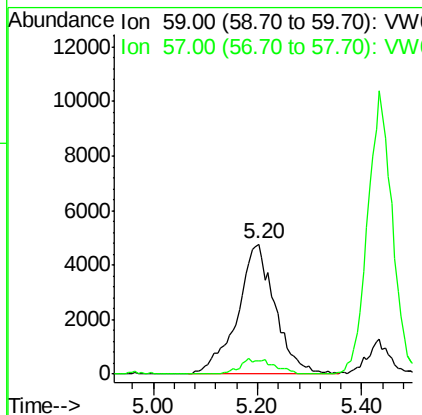
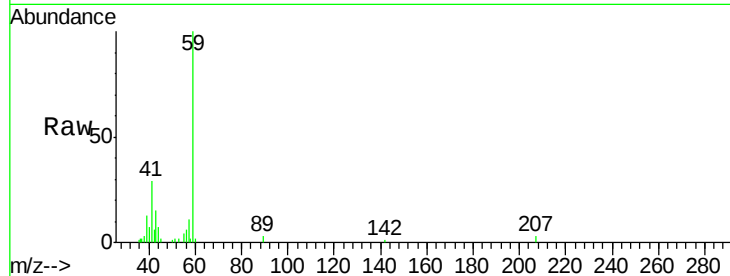
Tert butyl alcohol
Concen: 100.82 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	23847		
57	57	0.0	8.6	13.0	#

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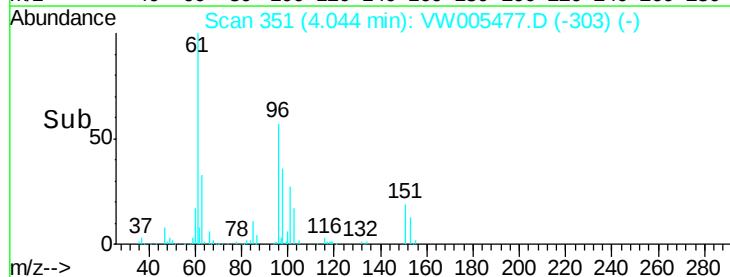
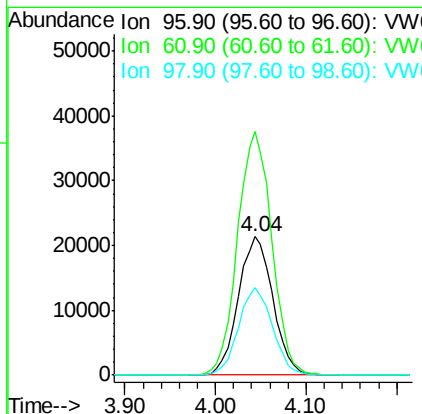
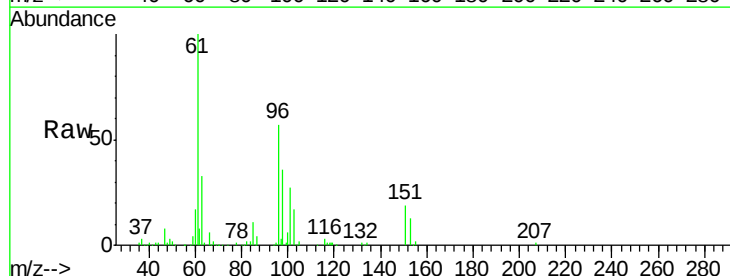
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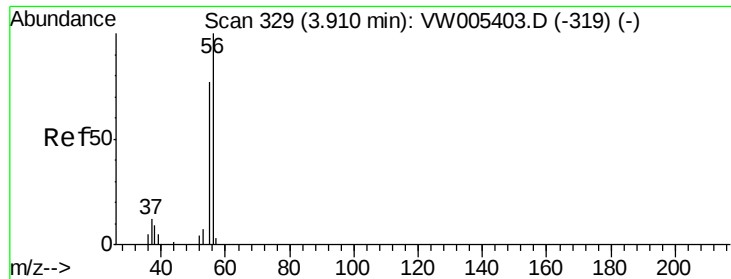


#12

1,1-Dichloroethene
Concen: 21.57 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	56616		
61	61	176.1	135.7	203.5	
98	98	63.0	48.6	73.0	





#13

Acrolein

Concen: 132.09 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 56 Resp: 20324

Ion Ratio Lower Upper

56 100

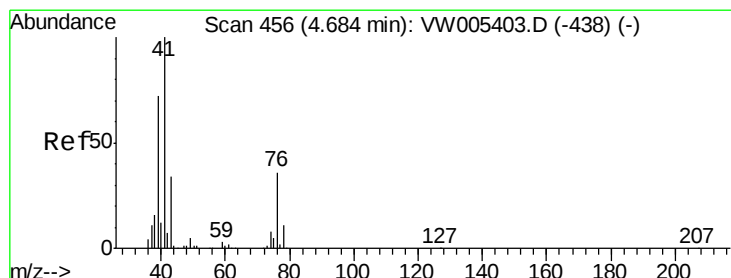
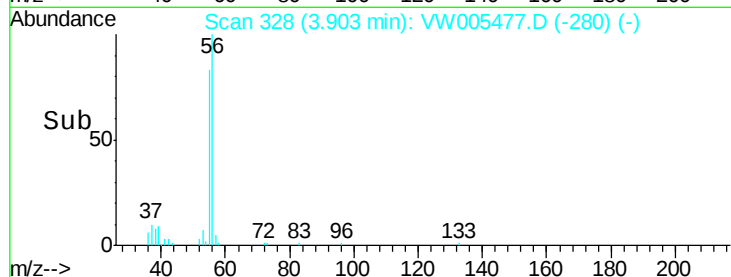
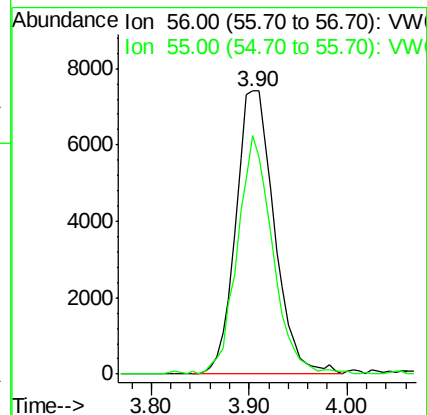
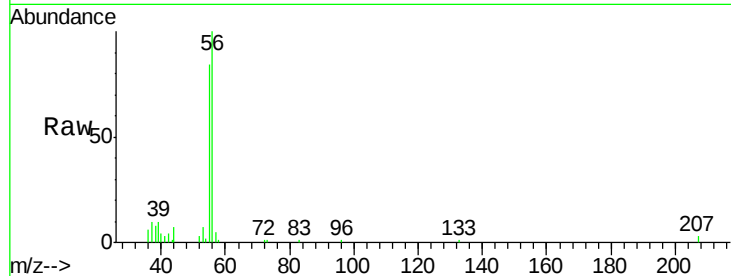
55 77.0 59.8 89.8

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#14

Allyl chloride

Concen: 23.62 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

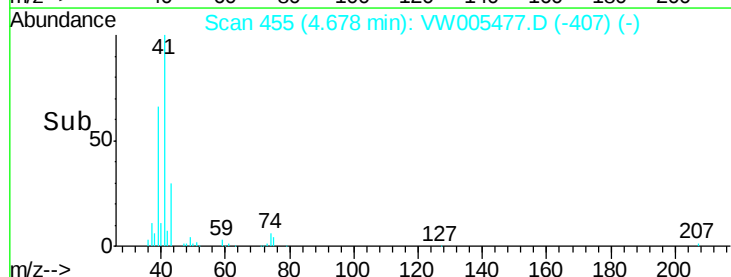
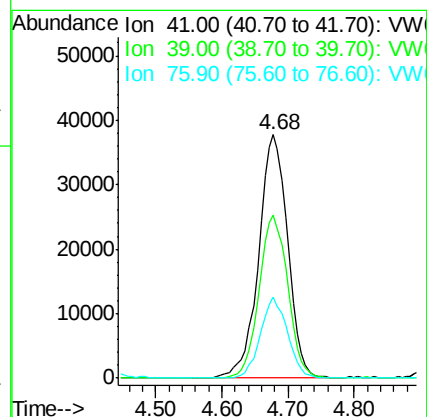
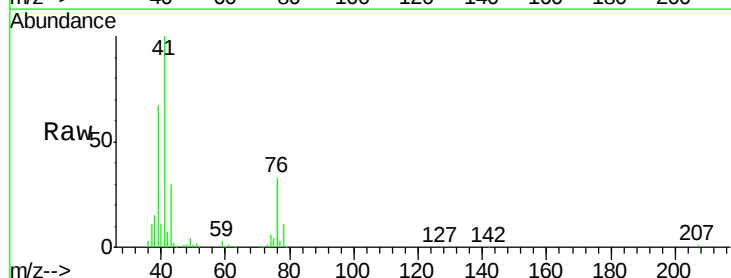
Tgt Ion: 41 Resp: 115384

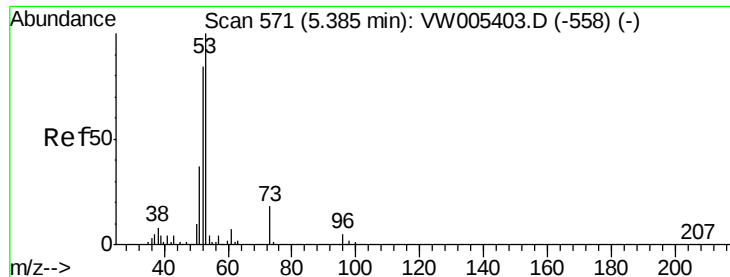
Ion Ratio Lower Upper

41 100

39 66.3 58.6 88.0

76 30.9 27.4 41.0





#15

Acrylonitrile

Concen: 110.48 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

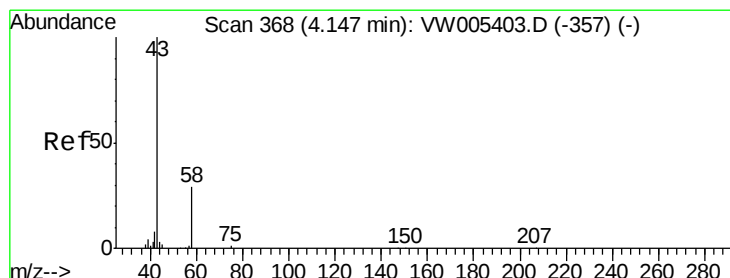
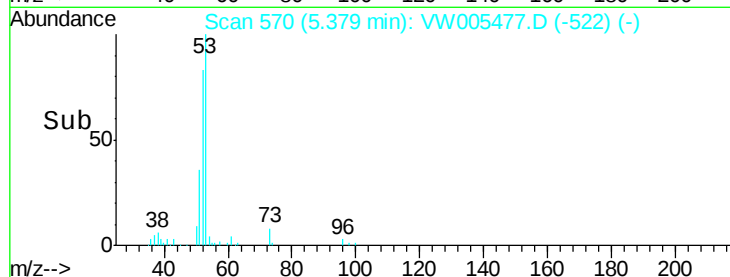
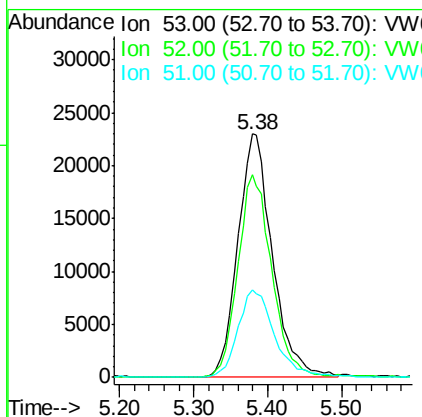
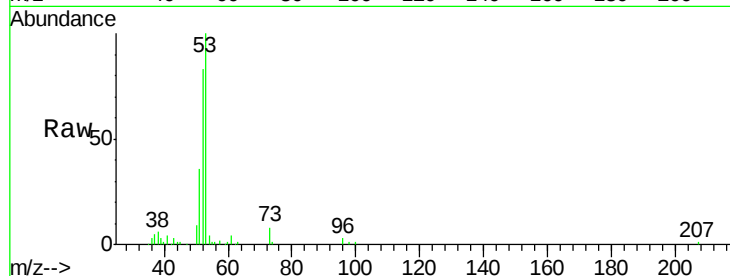
ClientSampleId :

VW0918SBS01

Tot Ion:	53	Resp:	74636
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.6	99.8
51	38.4	31.1	46.7

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#16

Acetone

Concen: 116.66 ug/l

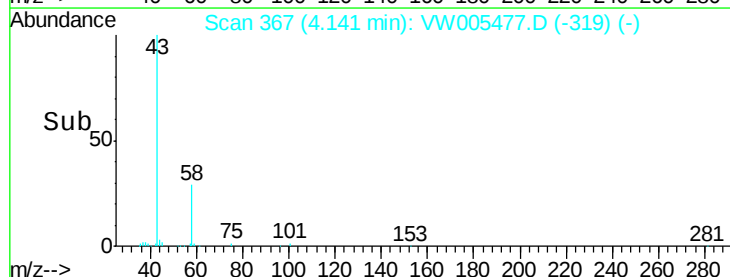
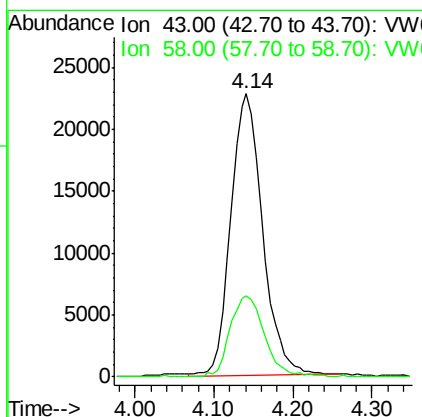
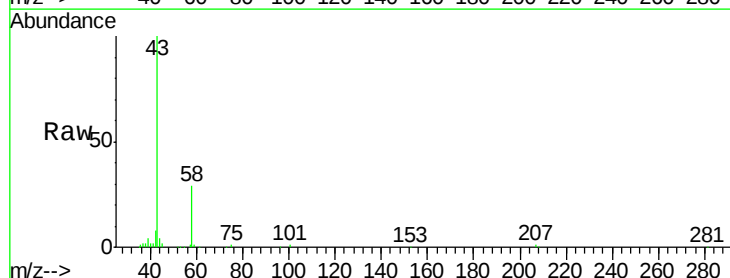
RT: 4.14 min Scan# 367

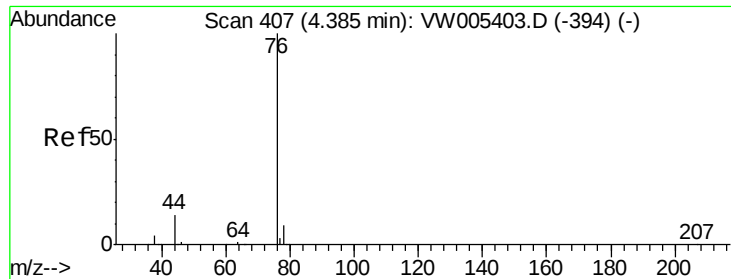
Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	43	Resp:	63942
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.8	34.2





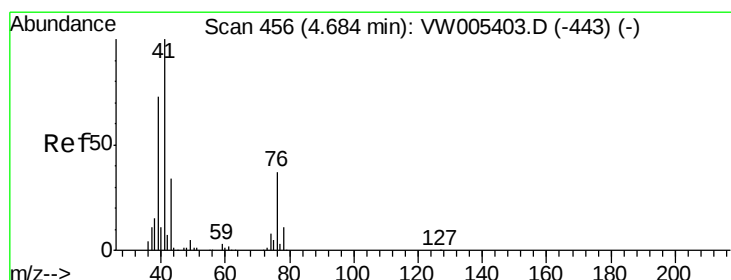
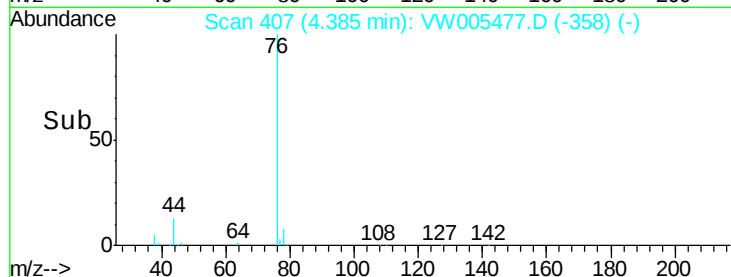
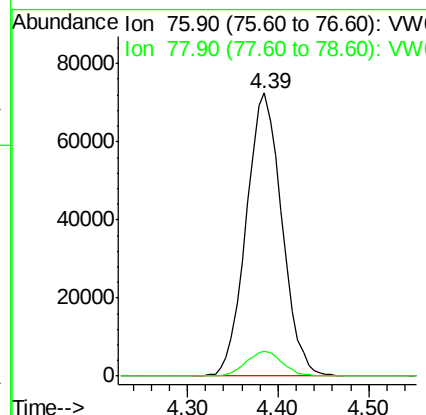
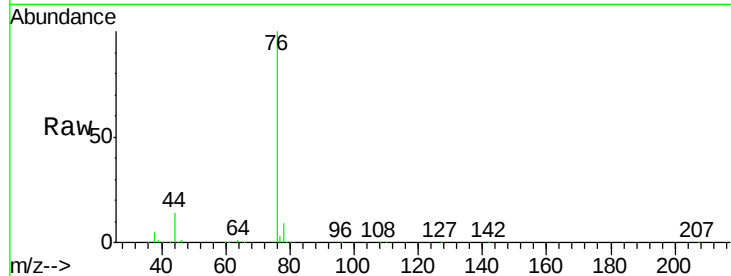
#17
Carbon Disulfide
Concen: 21.35 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

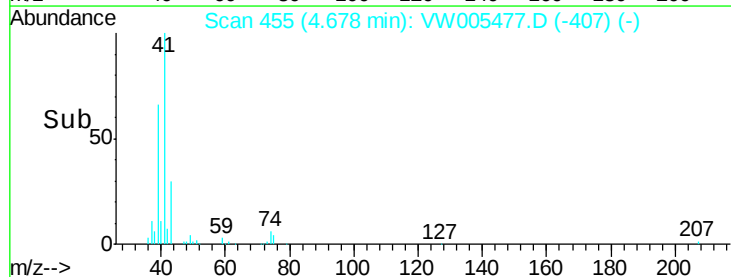
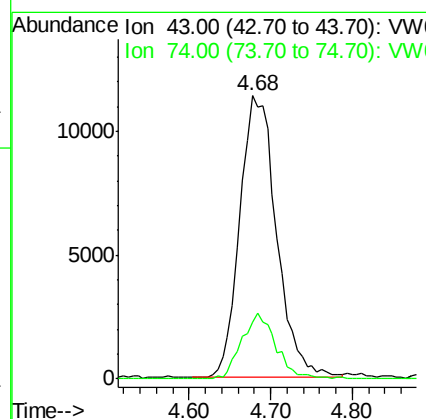
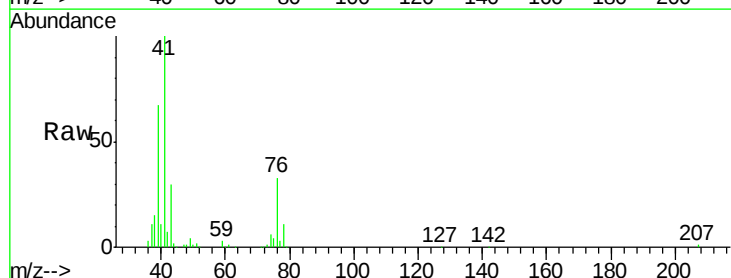
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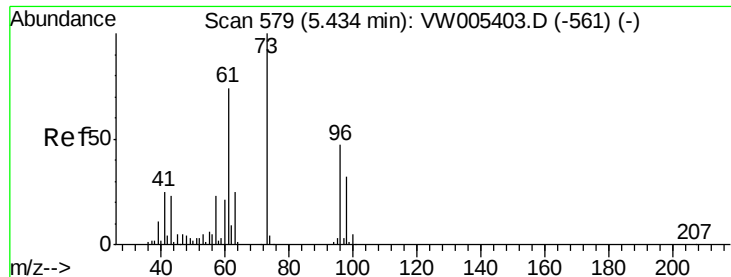
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#18
Methyl Acetate
Concen: 21.05 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.7	26.5





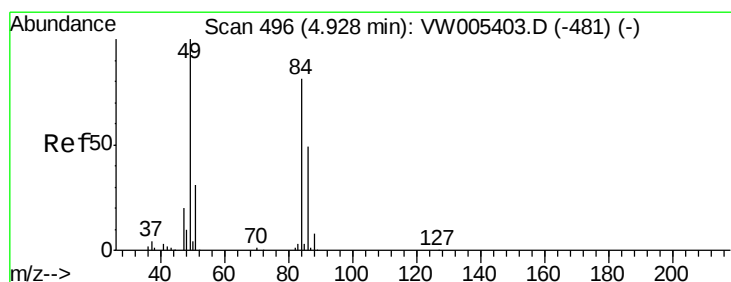
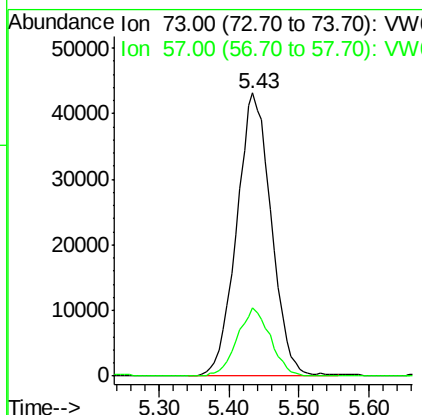
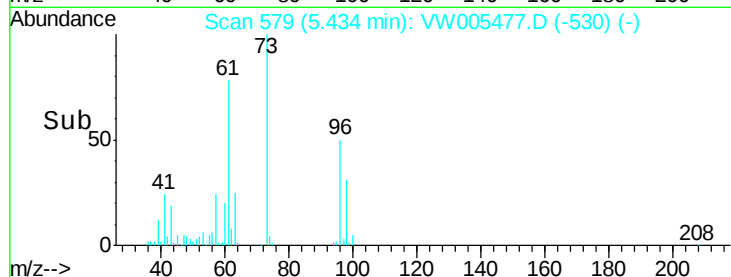
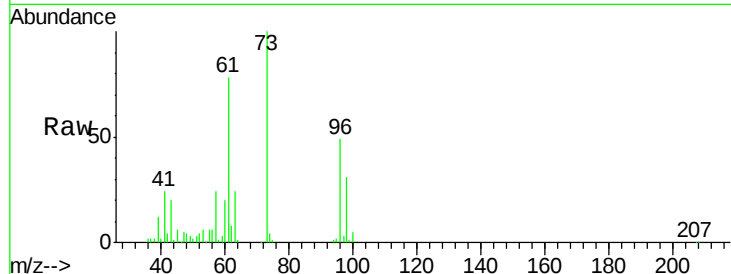
#19
Methvl tert-butvl Ether
Concen: 20.79 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion: 73 Resp: 148163
Ion Ratio Lower Upper
73 100
57 24.1 18.6 28.0

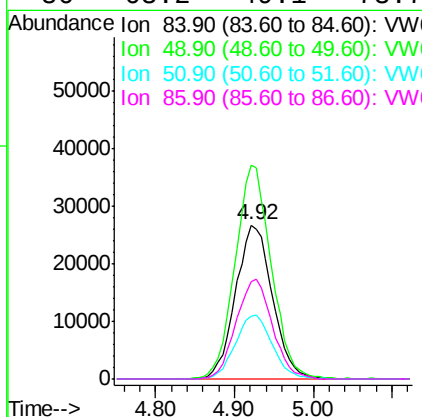
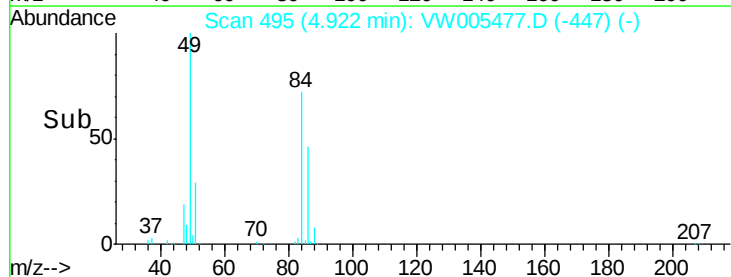
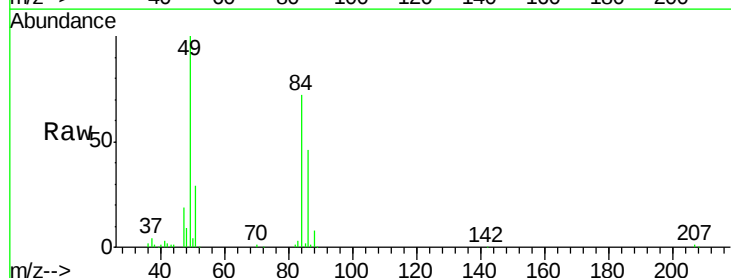
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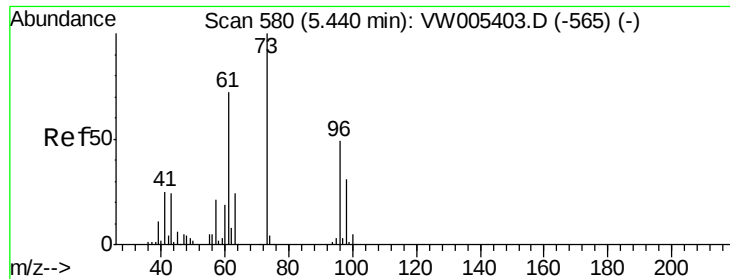
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#20
Methylene Chloride
Concen: 21.58 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion: 84 Resp: 86796
Ion Ratio Lower Upper
84 100
49 138.4 99.3 148.9
51 40.4 31.1 46.7
86 63.2 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 20.74 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

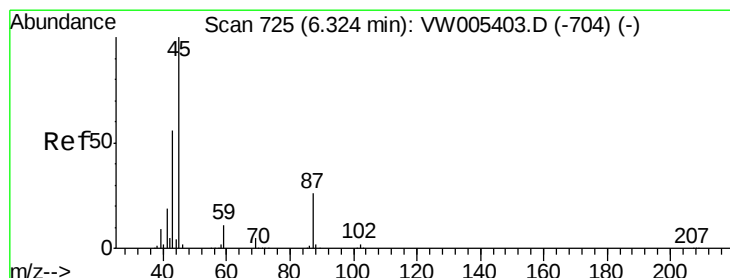
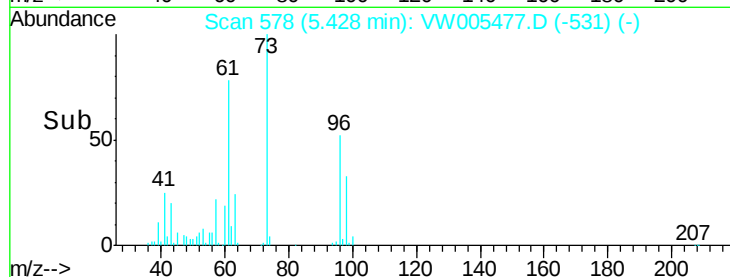
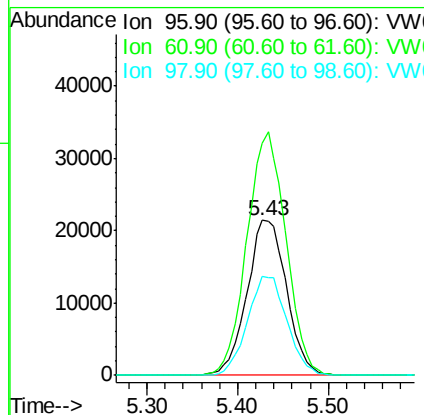
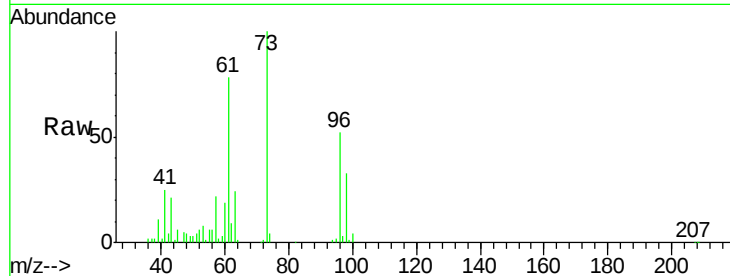
ClientSampleId :

VW0918SBSD01

Tot Ion:	96	Resp:	65014
Ion	Ratio	Lower	Upper
96	100		
61	149.8	116.7	175.1
98	63.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 23.74 ug/l

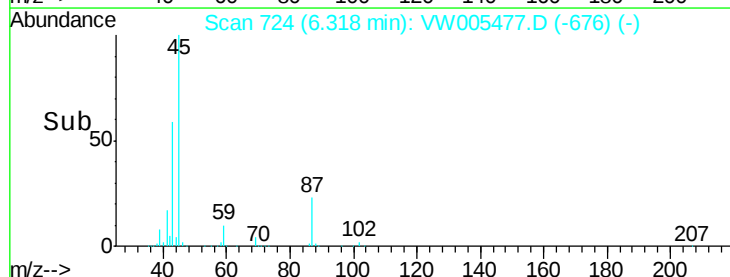
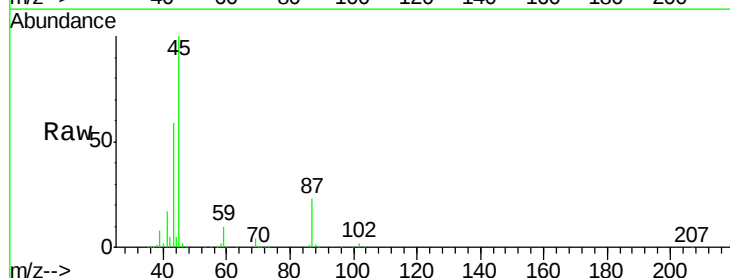
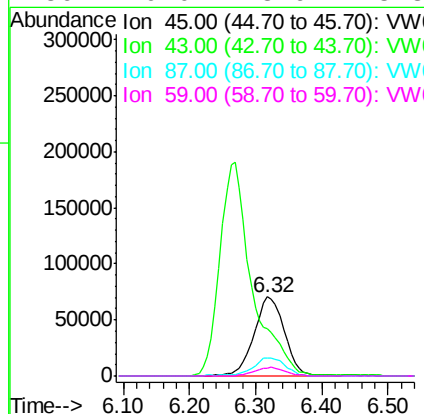
RT: 6.32 min Scan# 724

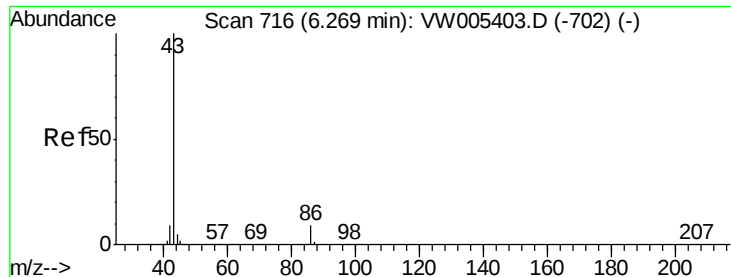
Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	45	Resp:	227954
Ion	Ratio	Lower	Upper
45	100		
43	59.0	44.6	67.0
87	22.2	20.6	31.0
59	10.0	8.9	13.3





#23

Vinyl Acetate

Concen: 117.70 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleID :

VW0918SBS01

Tot Ion: 43 Resp: 643904

Ion Ratio Lower Upper

43 100

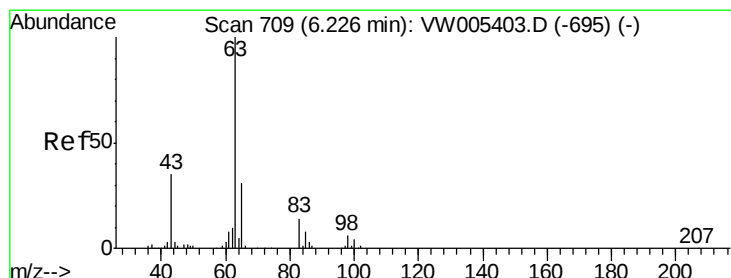
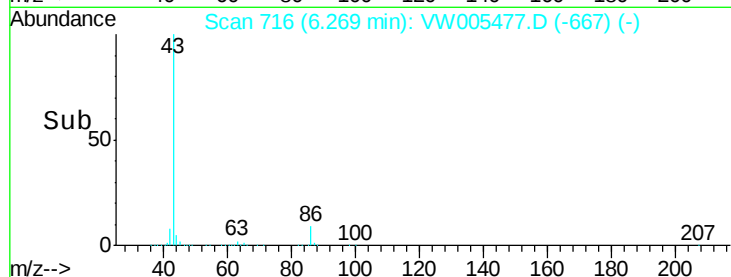
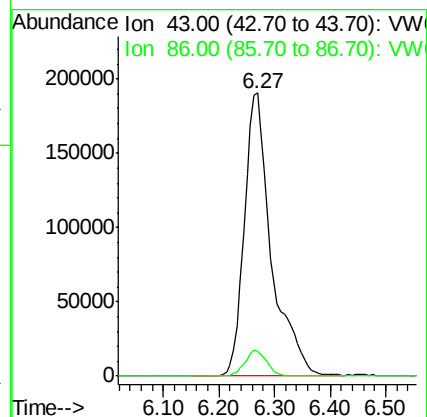
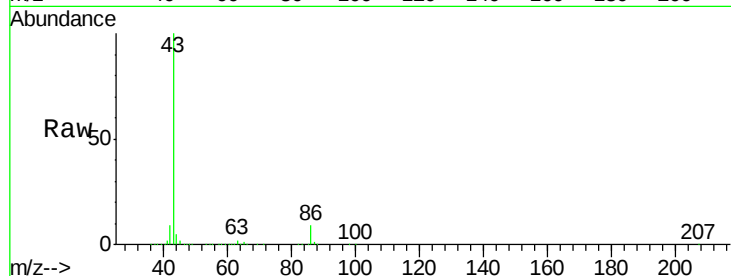
86 8.7 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 21.39 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

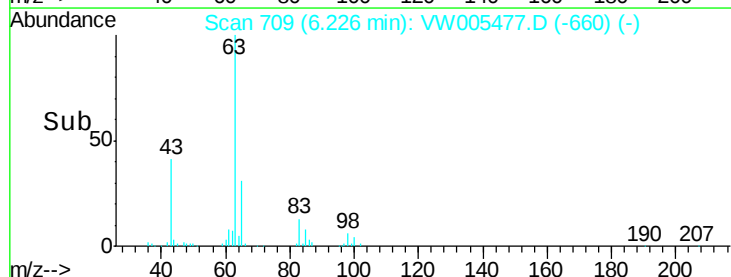
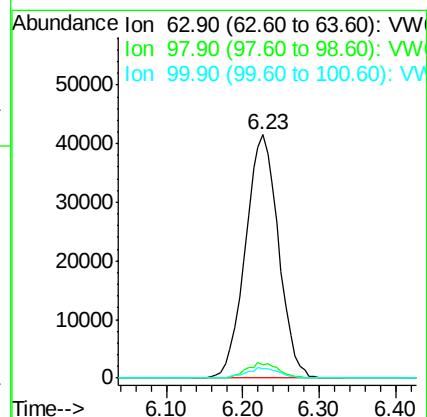
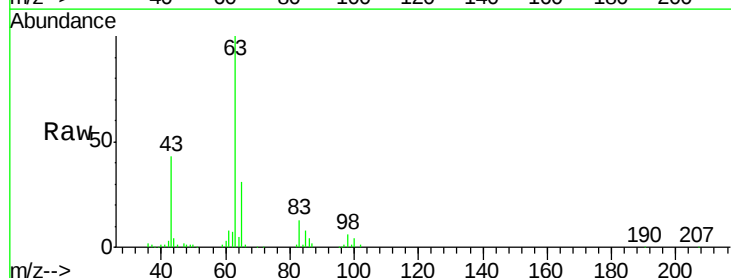
Tgt Ion: 63 Resp: 124643

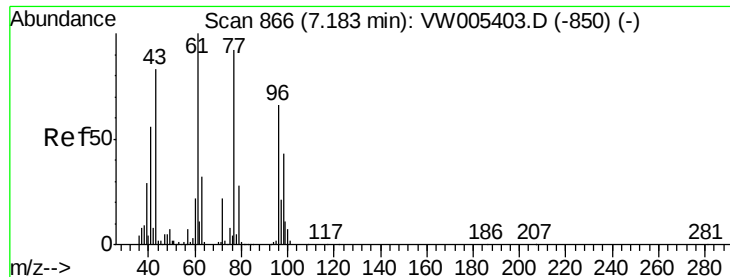
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 119.83 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 101508

Ion Ratio Lower Upper

43 100

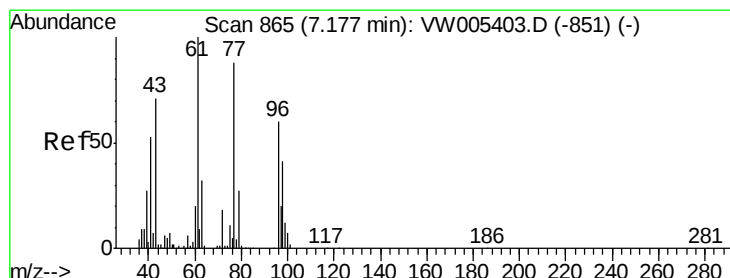
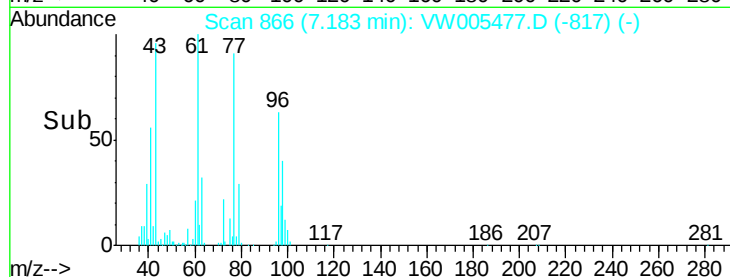
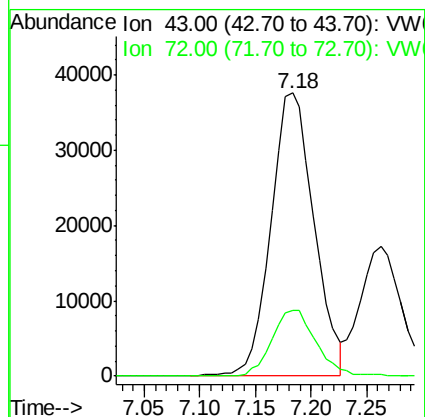
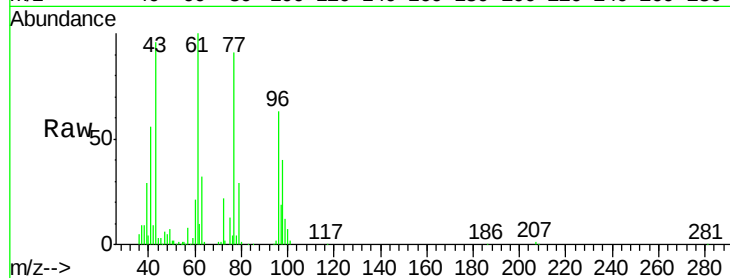
72 23.3 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.49 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005477.D

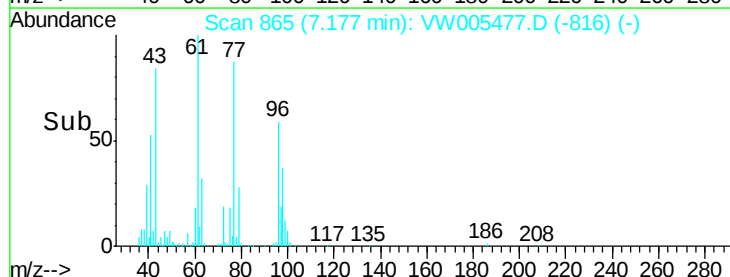
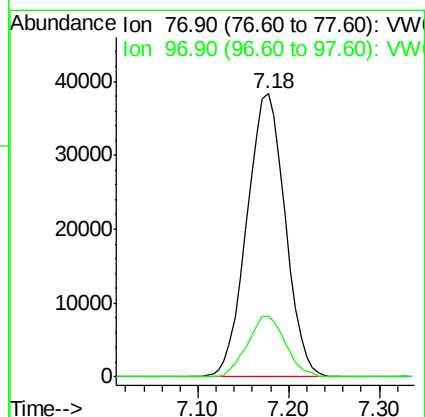
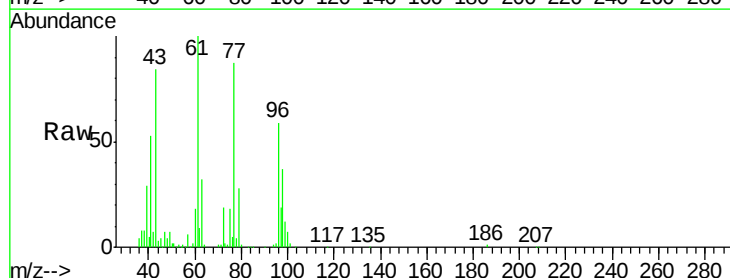
Acq: 18 Sep 2018 14:33

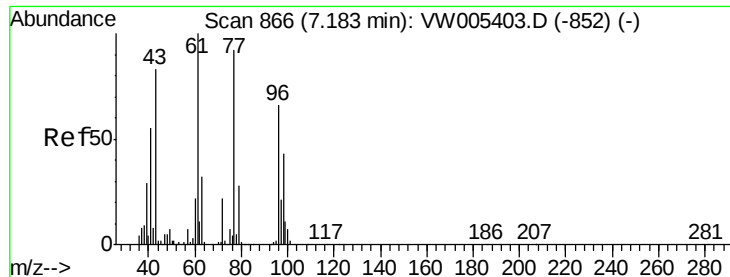
Tgt Ion: 77 Resp: 112316

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

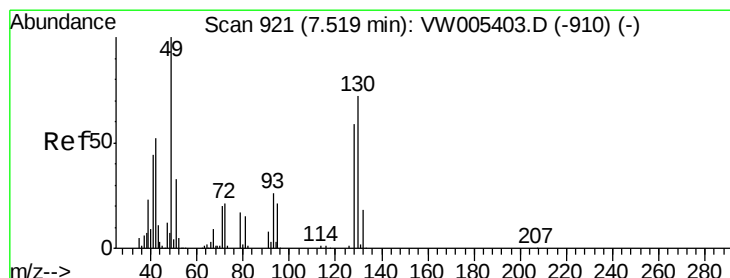
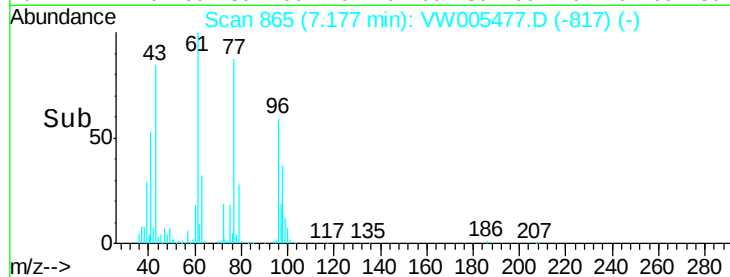
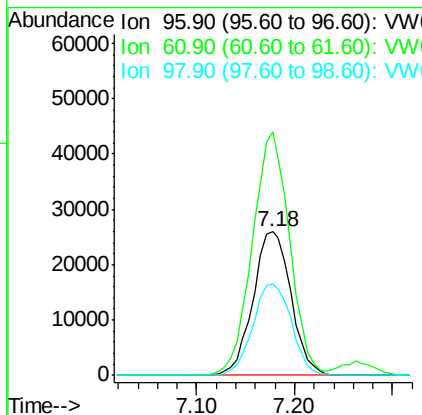
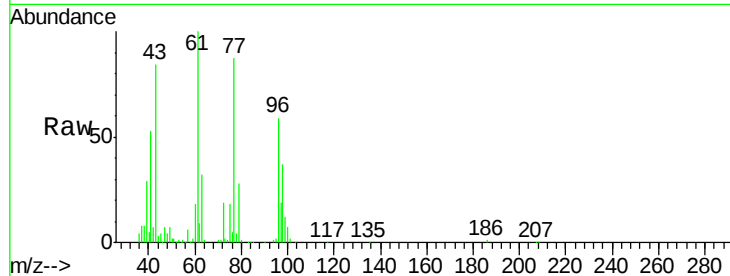
cis-1,2-Dichloroethene
Concen: 20.44 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.4	0.0	316.0
98	64.9	0.0	130.8

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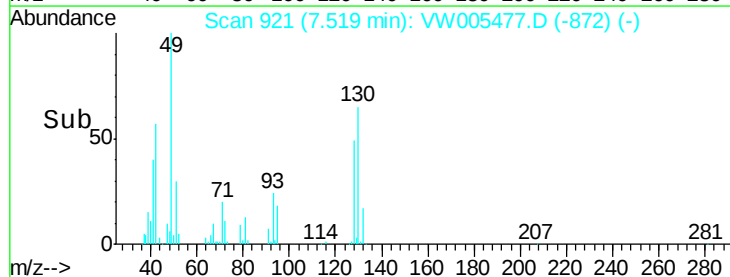
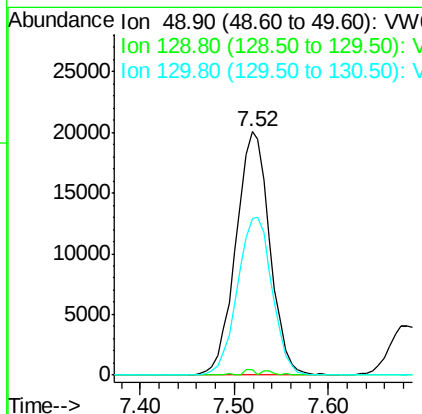
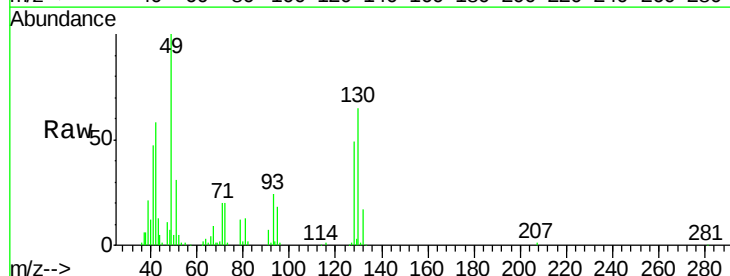
apatel
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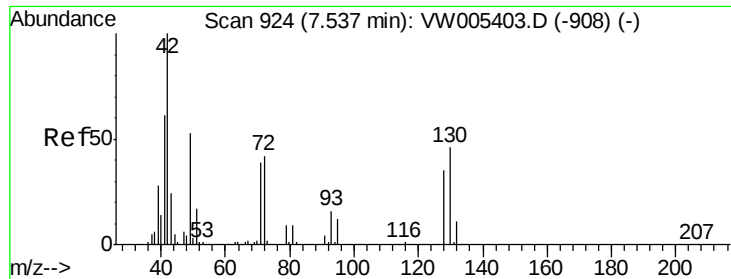


#28

Bromochloromethane
Concen: 22.24 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	0.0	61.4	92.2#





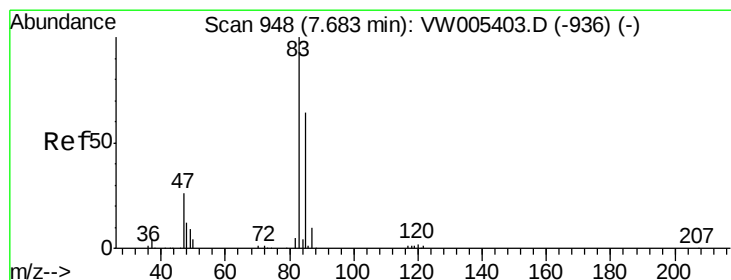
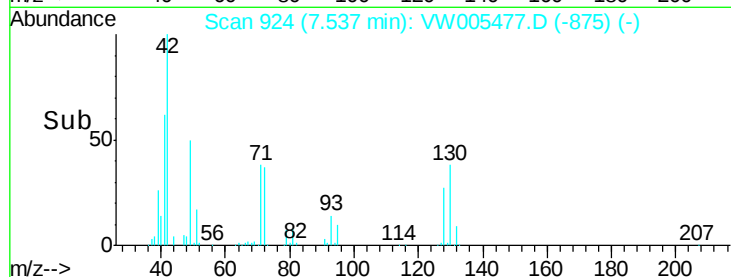
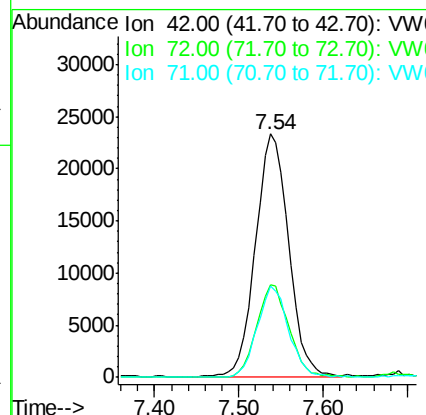
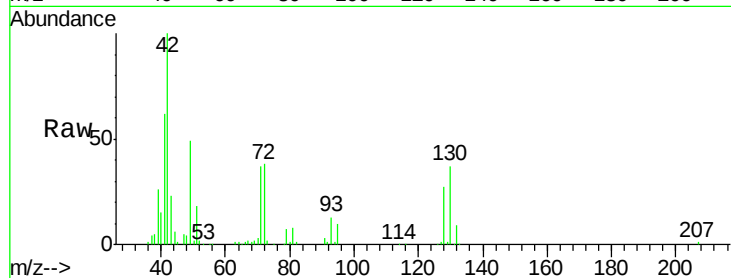
#29
Tetrahydrofuran
Concen: 117.00 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	33.2	49.8
71	35.0	31.0	46.6

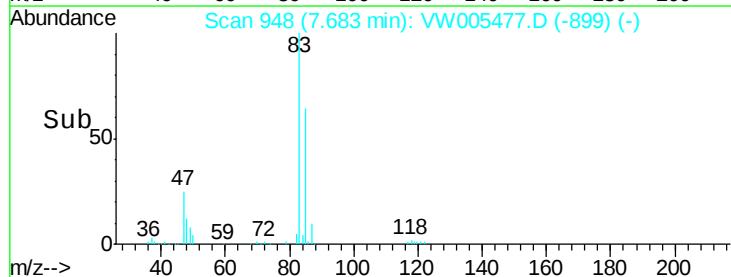
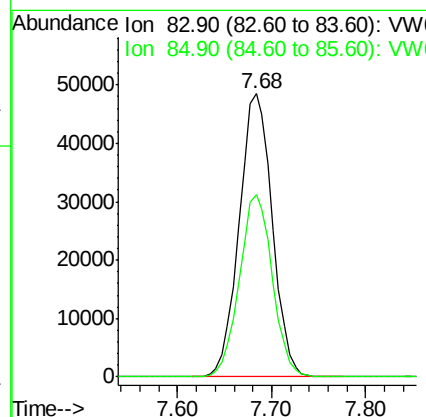
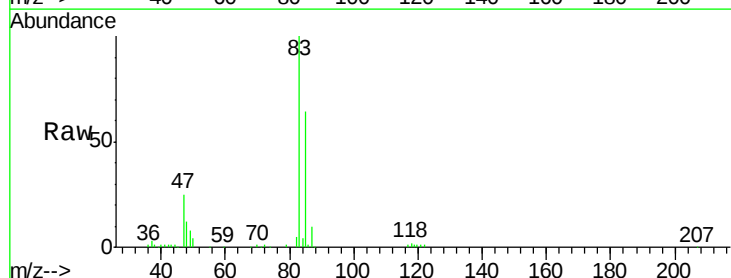
Manual Integrations
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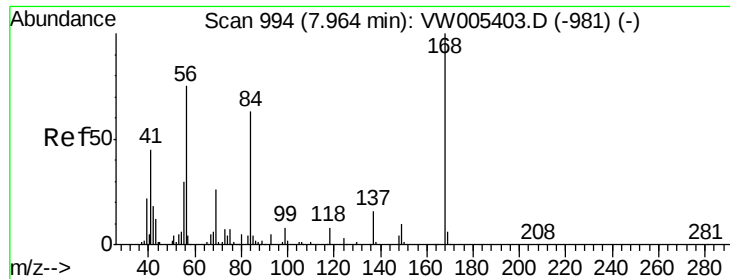
apatel
9/19/2018 11:25:45 AM



#30
Chloroform
Concen: 19.69 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





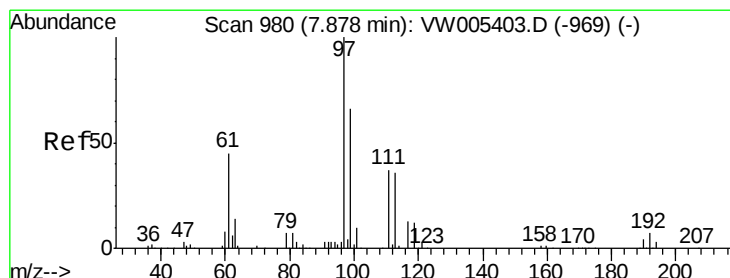
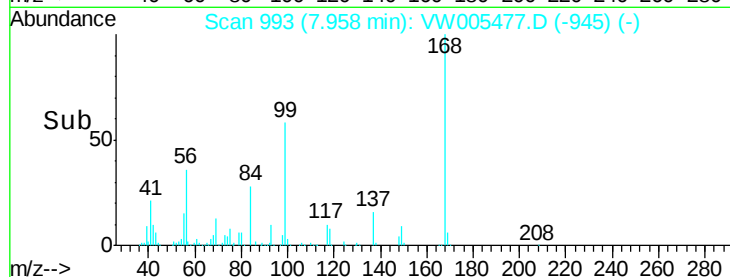
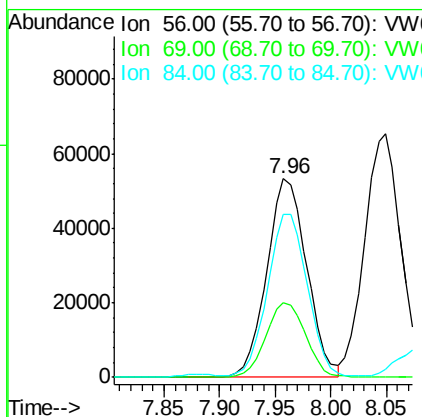
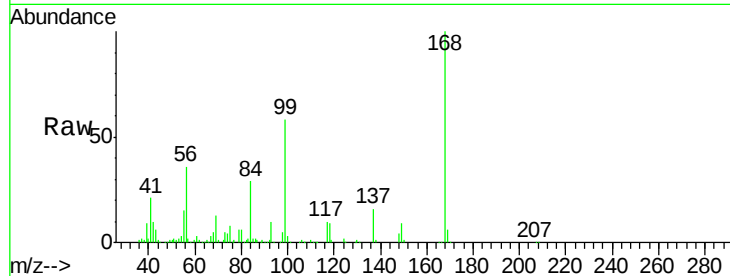
#31
Cvclohexane
Concen: 23.73 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	27.2	40.8
84	80.8	66.7	100.1

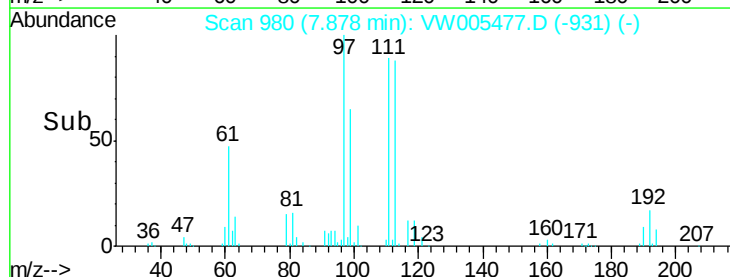
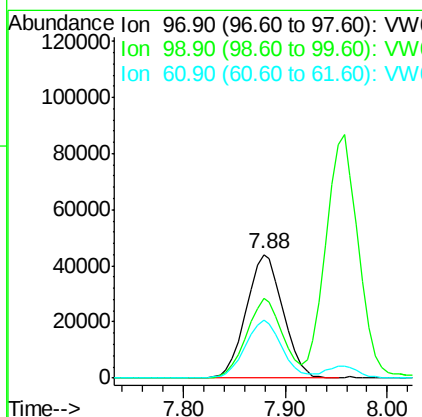
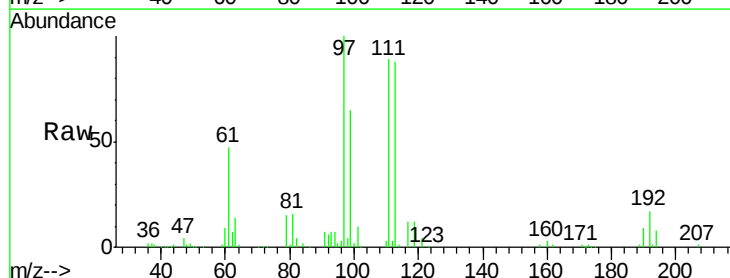
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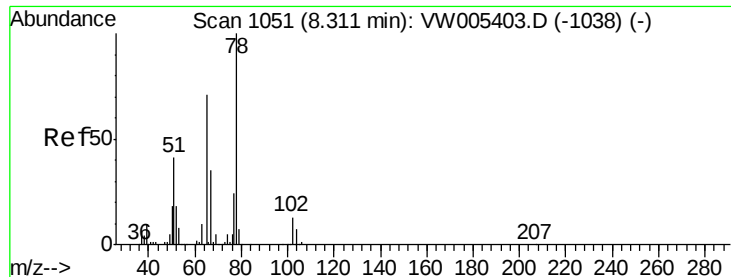
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.61 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.5	77.3
61	46.2	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 44.64 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion: 65 Resp: 157193

Ion Ratio Lower Upper

65 100

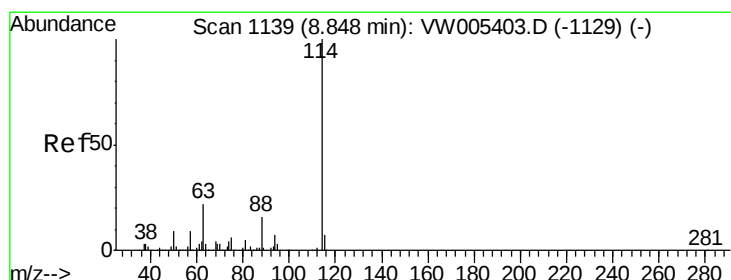
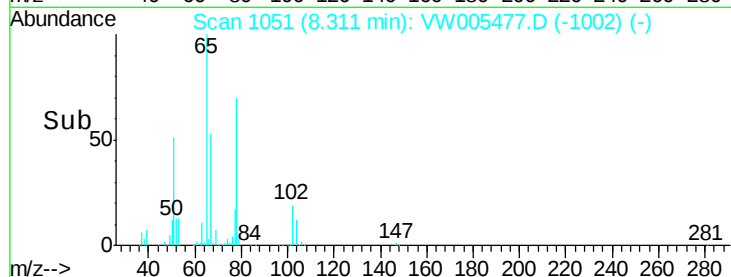
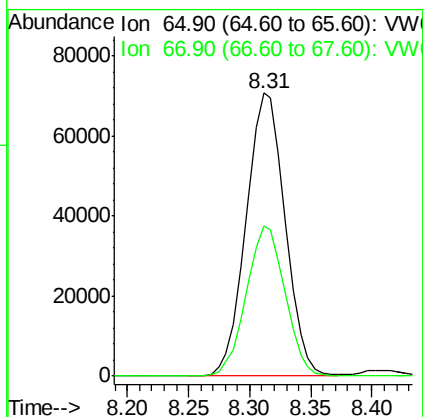
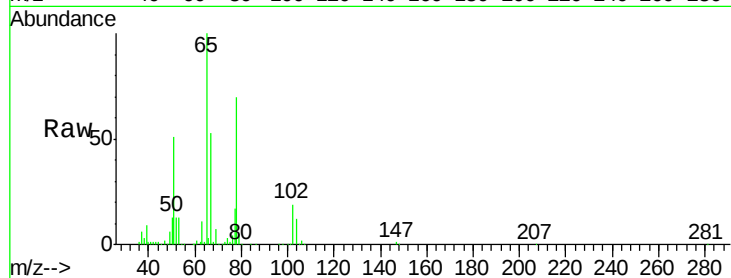
67 52.9 0.0 100.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

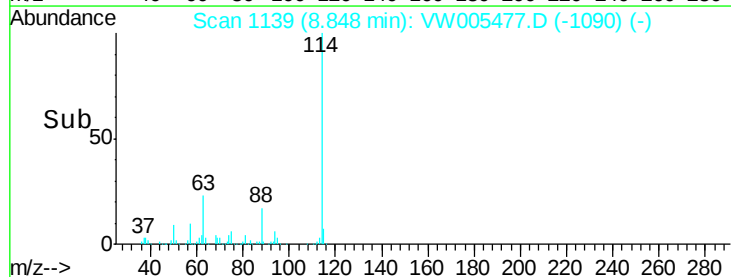
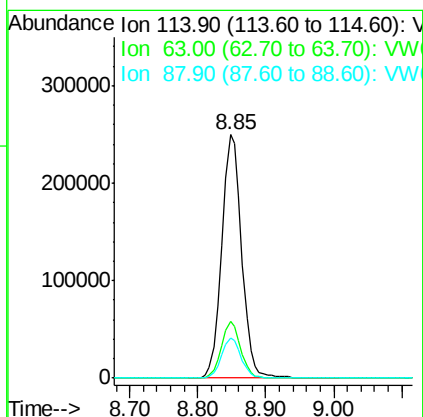
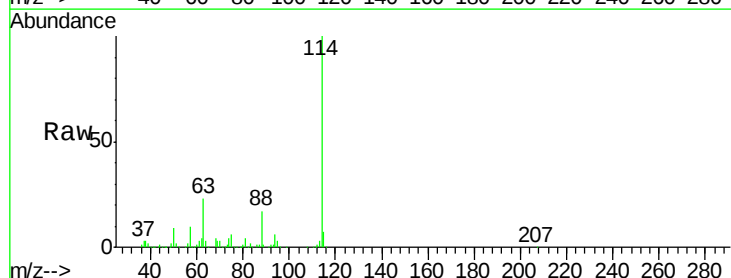
Tgt Ion: 114 Resp: 505675

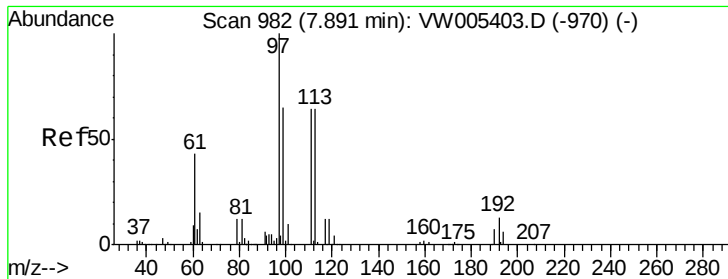
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

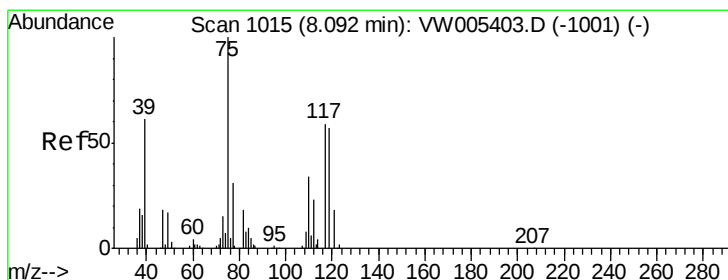
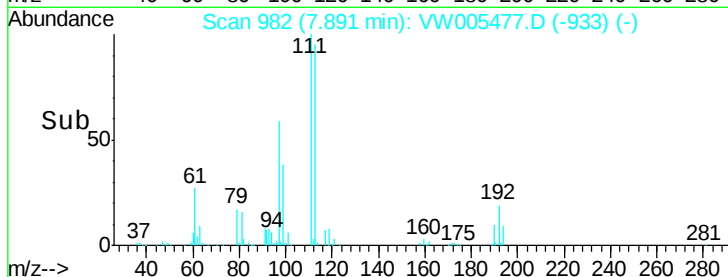
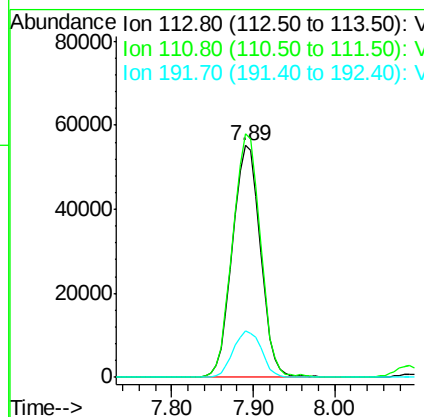
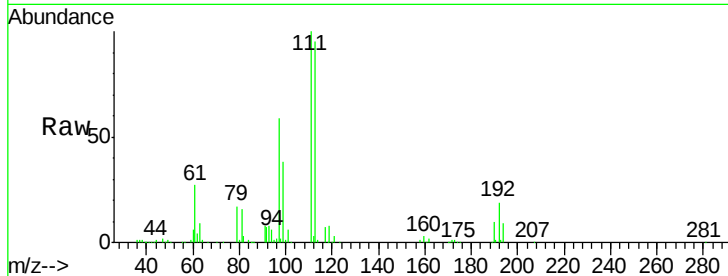
ClientSampleId :

VW0918SBSD01

Tot Ion:	113	Resp:	131031
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.3	123.5
192	20.2	16.5	24.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.62 ug/l

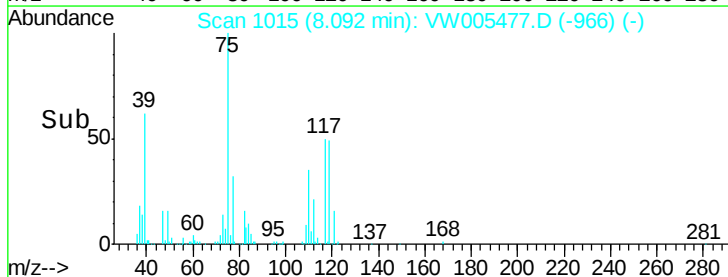
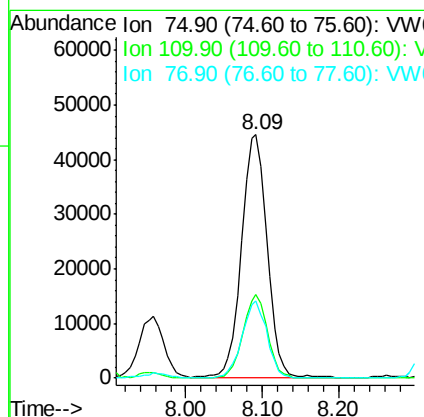
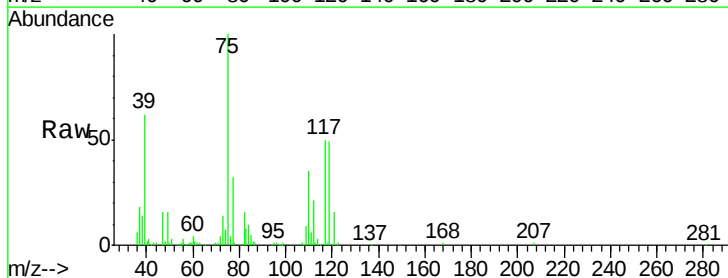
RT: 8.09 min Scan# 1015

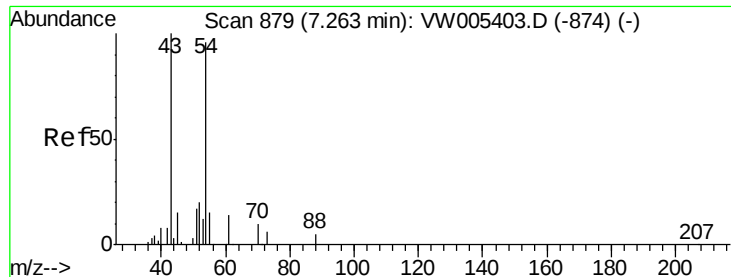
Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	75	Resp:	103458
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.8	50.4
77	31.1	24.2	36.4





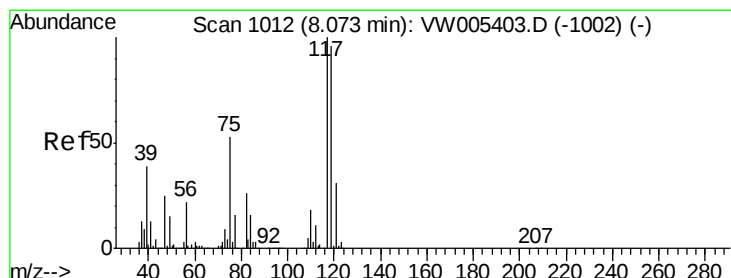
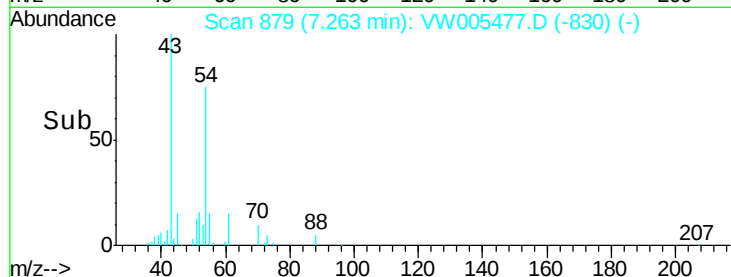
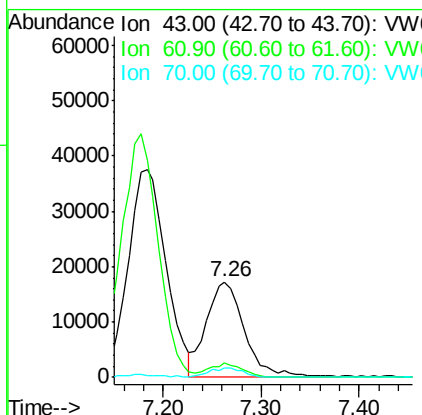
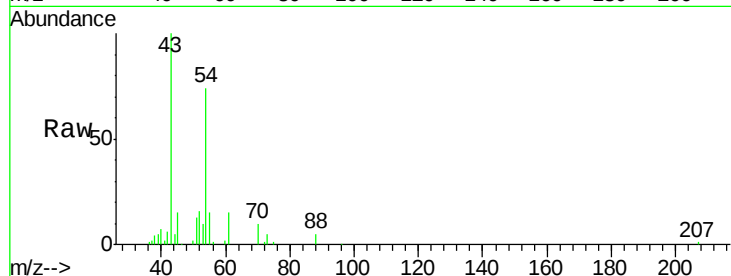
#37
Ethyl Acetate
Concen: 23.55 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	9.3	8.2	12.4

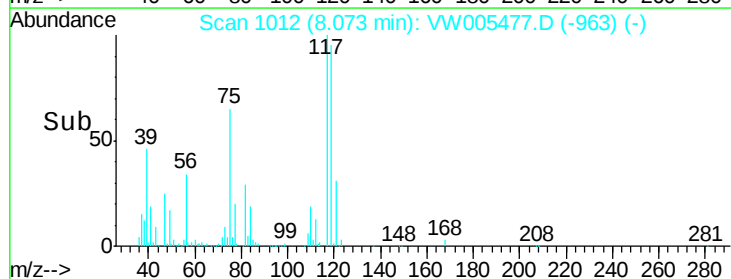
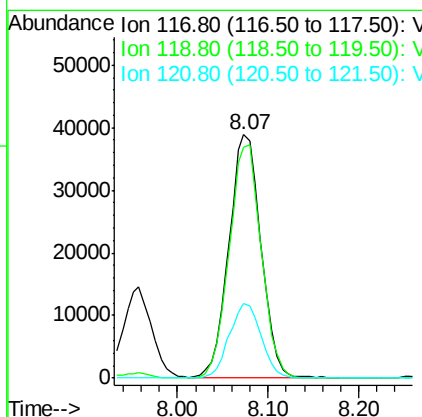
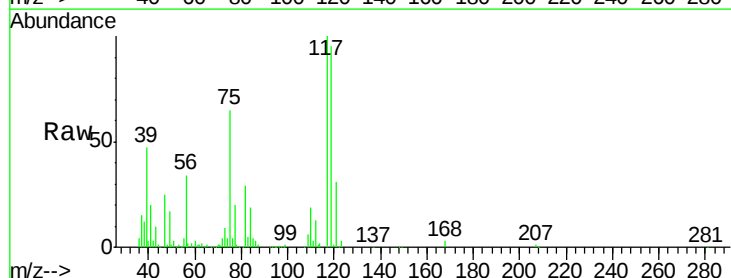
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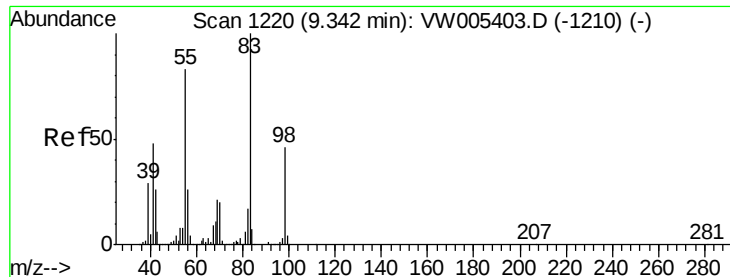
apatel
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#38
Carbon Tetrachloride
Concen: 19.21 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.8	115.2
121	30.7	24.7	37.1





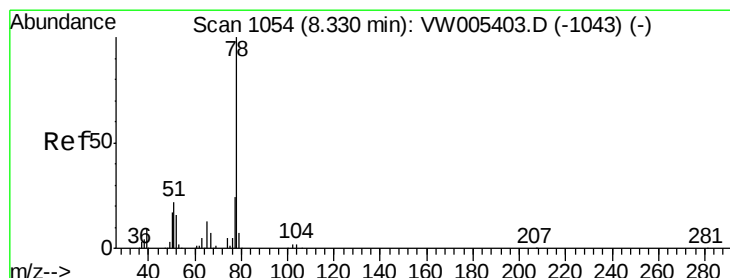
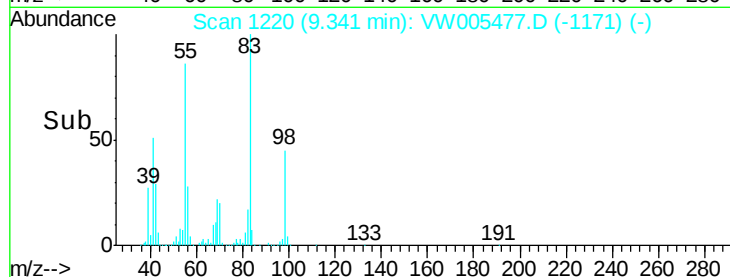
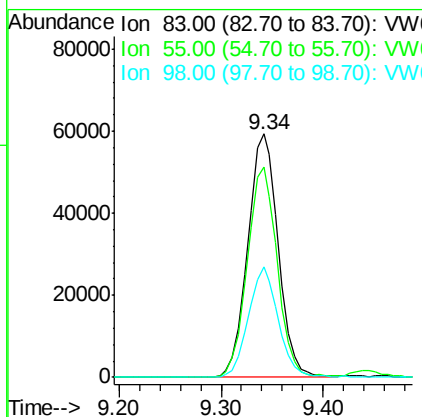
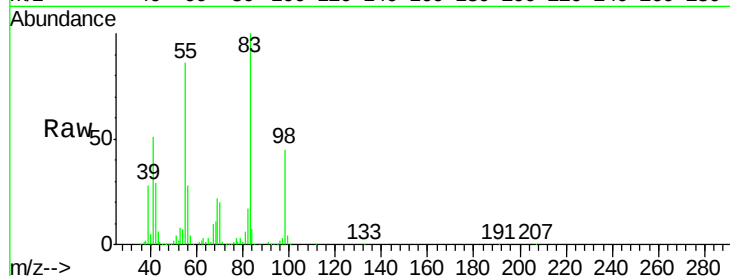
#39
Methvlcvclohexane
Concen: 22.26 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion:	83	Resp:	123777
Ion Ratio	Lower	Upper	
83	100		
55	86.3	66.1	99.1
98	45.2	36.7	55.1

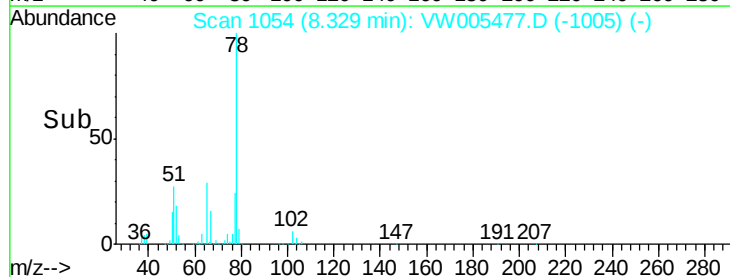
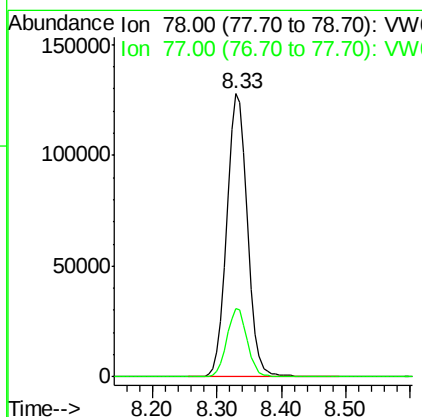
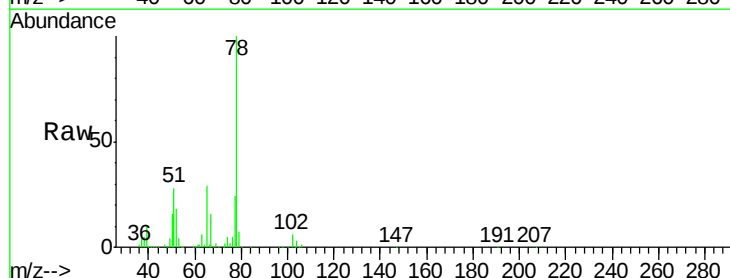
Manual Integrations
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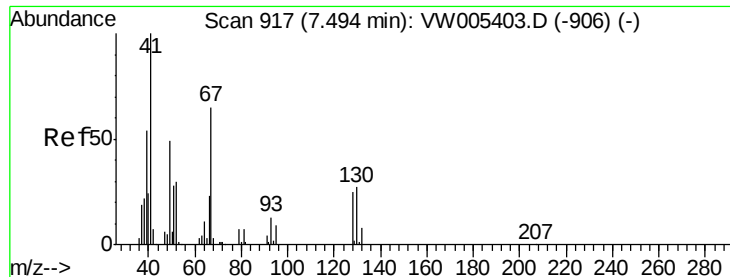
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#40
Benzene
Concen: 20.88 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion:	78	Resp:	289504
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.3	28.9





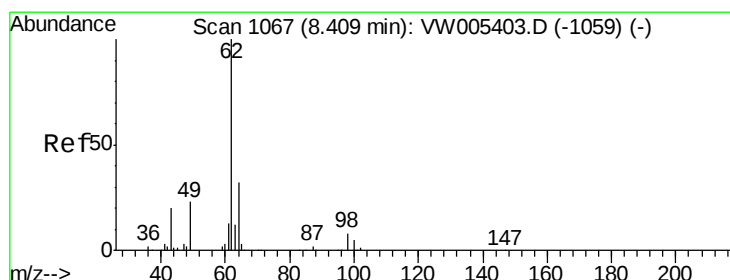
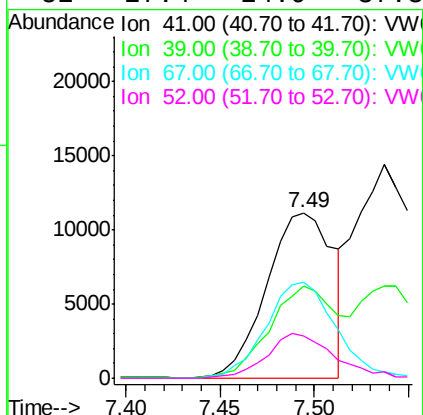
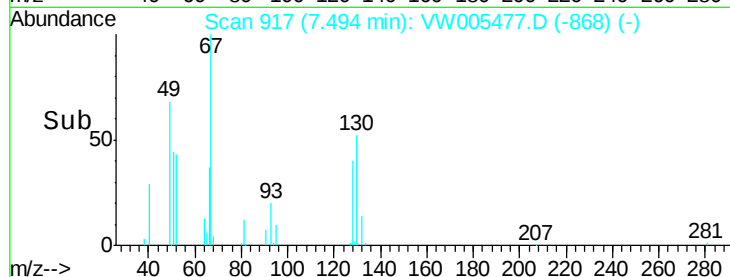
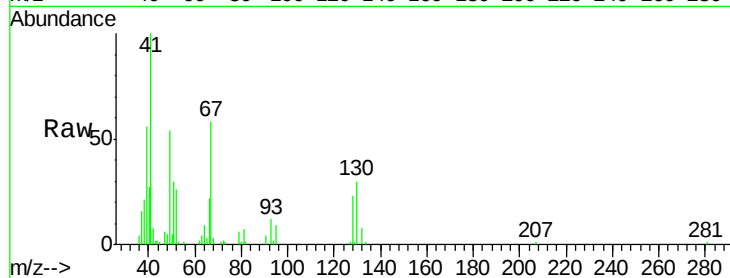
#41
Methacrylonitrile
Concen: 23.47 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.1	44.6	67.0
67	60.2	53.6	80.4
52	27.4	24.9	37.3

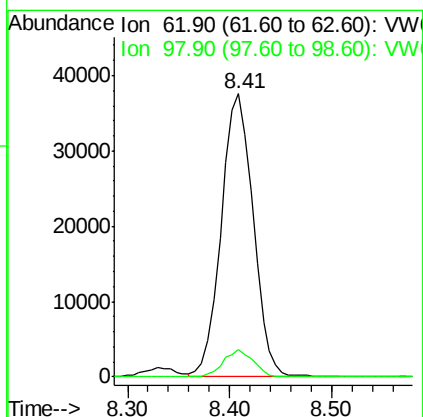
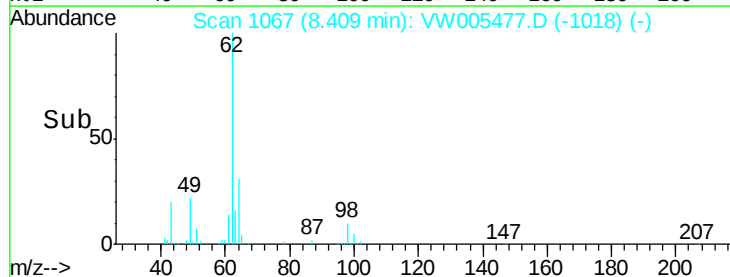
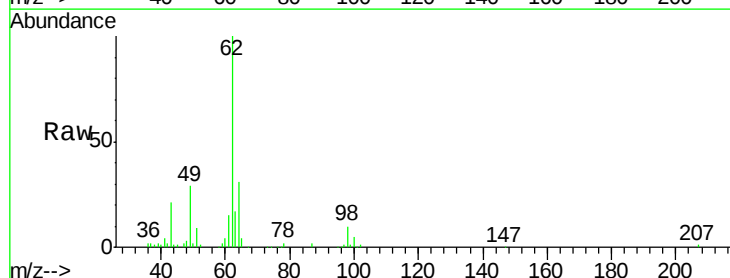
Manual Integrations
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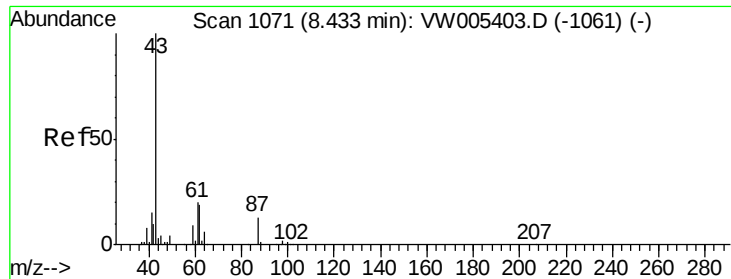
apatel
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#42
1,2-Dichloroethane
Concen: 18.82 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.6





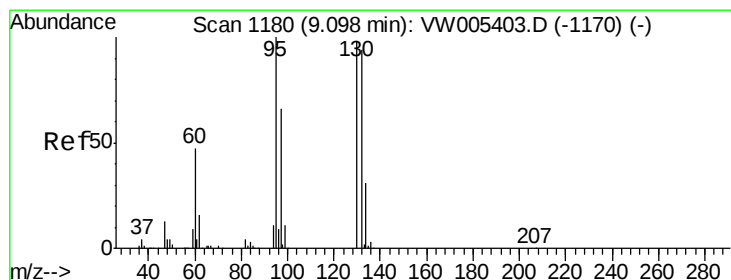
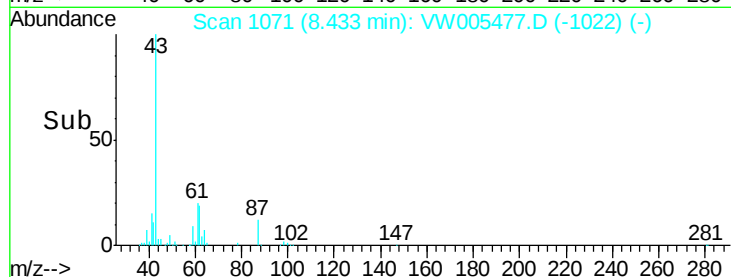
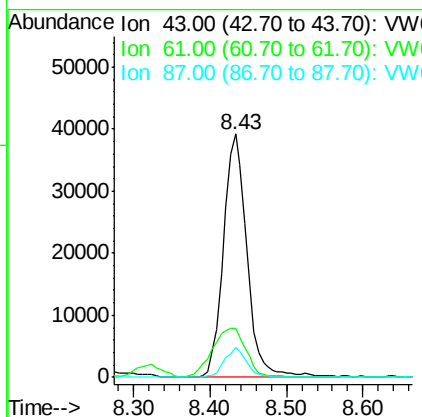
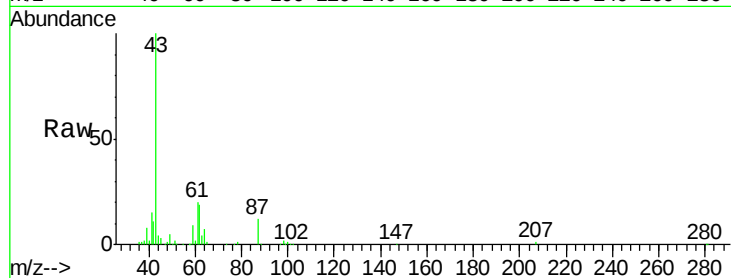
#43
Isopropyl Acetate
Concen: 21.82 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	43	Resp	82874
Ion Ratio	100	Lower	Upper
43	100		
61	29.5	23.8	35.6
87	11.7	10.1	15.1

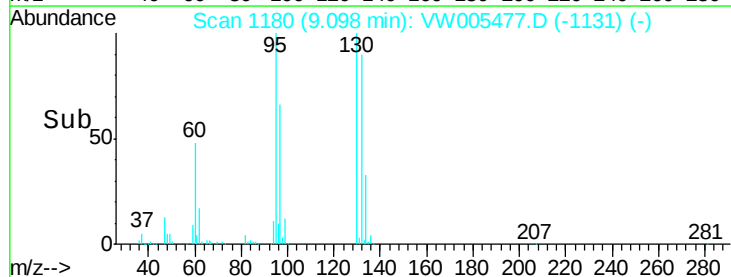
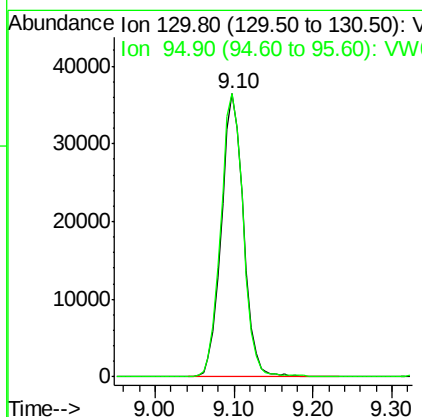
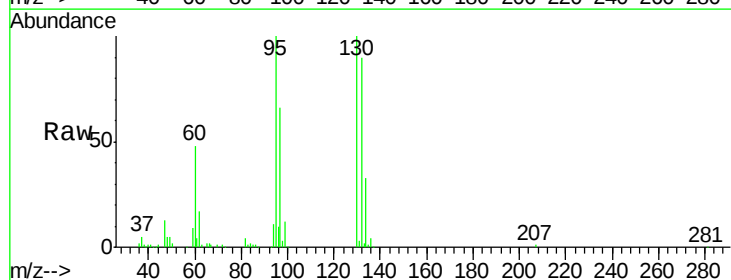
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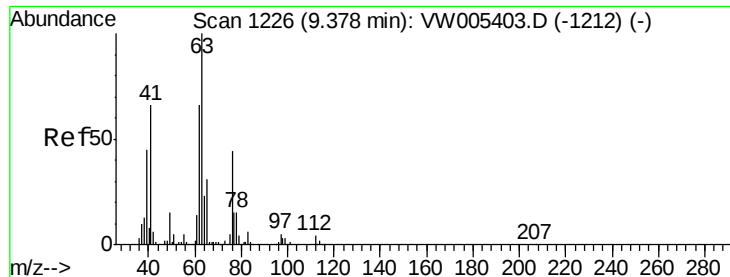
apatel
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#44
Trichloroethene
Concen: 20.01 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	130	Resp	71405
Ion Ratio	100	Lower	Upper
130	100		
95	100.0	0.0	204.6





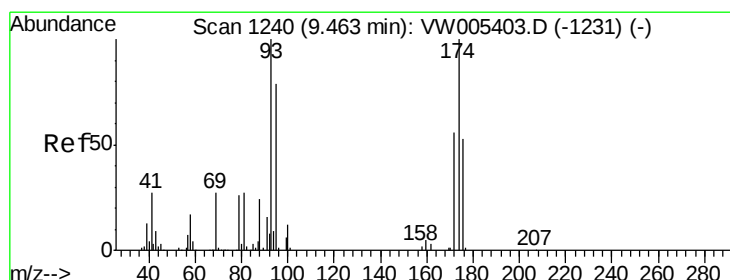
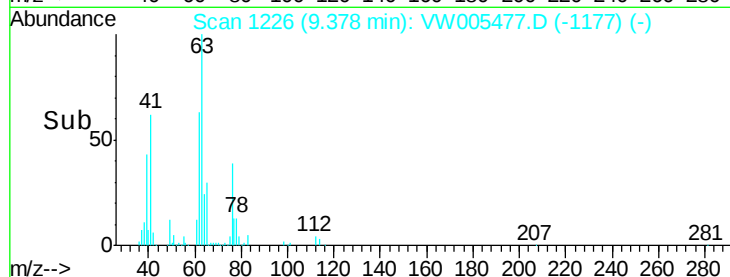
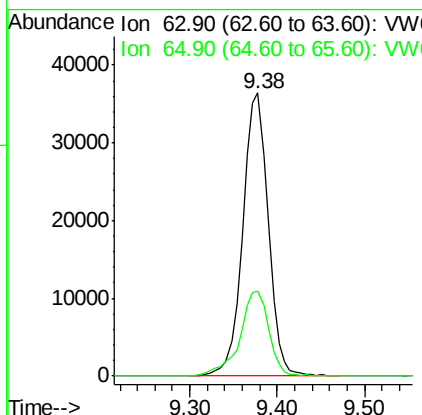
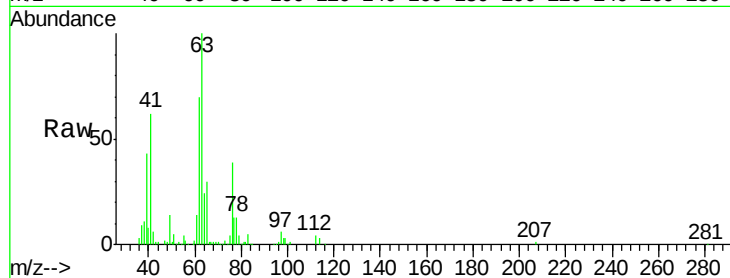
#45
 1,2-Dichloropropane
 Concen: 22.25 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.0	37.6

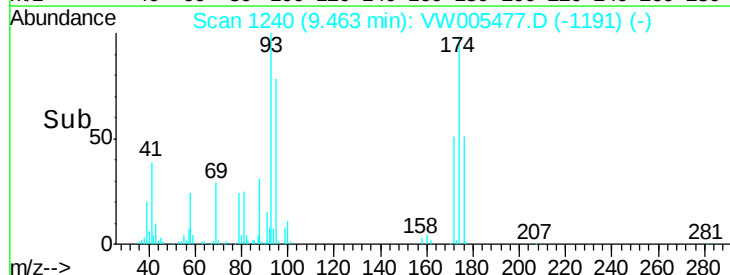
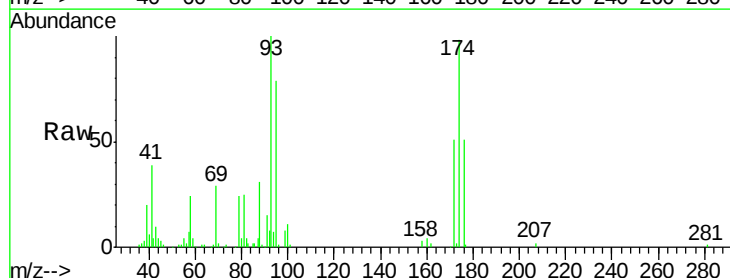
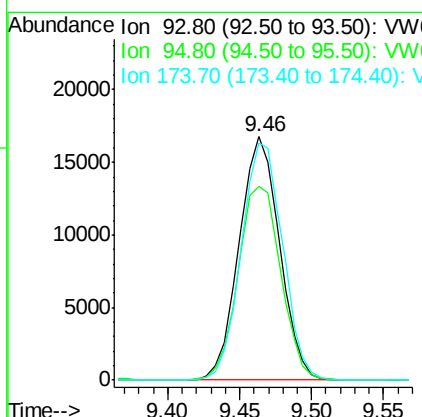
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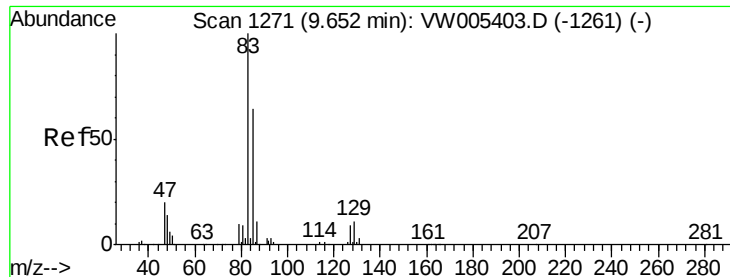
apatel
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#46
 Dibromomethane
 Concen: 19.98 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.4	98.0
174	99.9	83.4	125.2





#47

Bromodichloromethane

Concen: 19.94 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

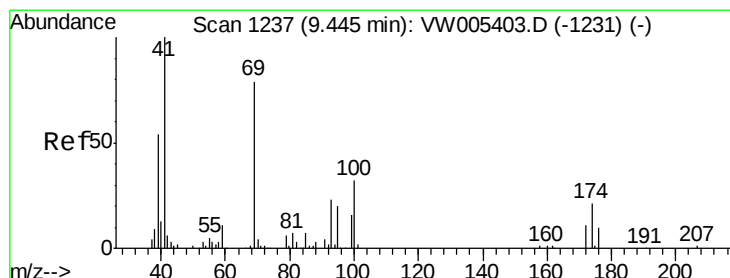
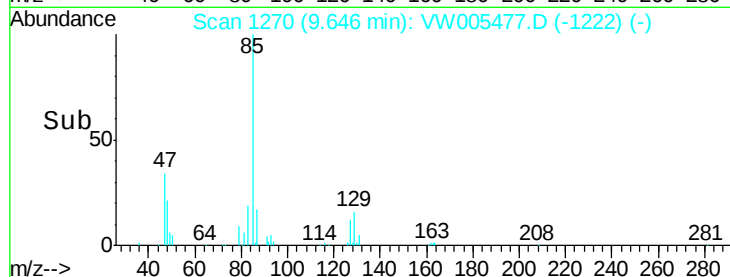
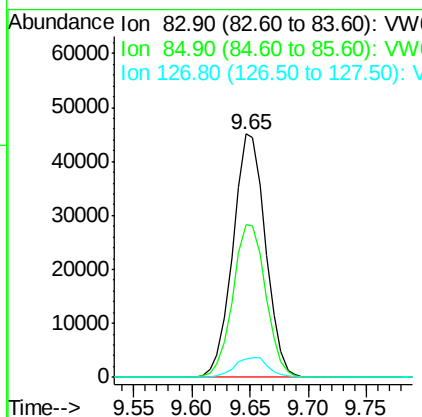
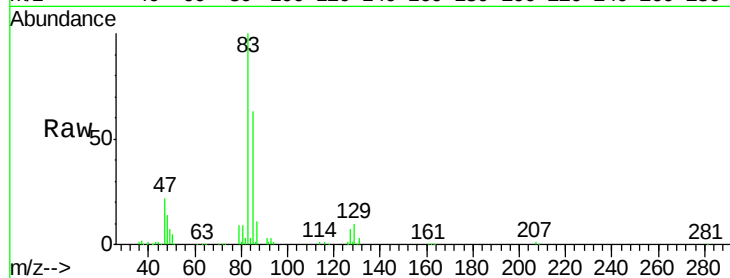
ClientSampleId :

VW0918SBS01

Tot Ion:	83	Resp:	88039
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.9	76.3
127	7.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.59 ug/l

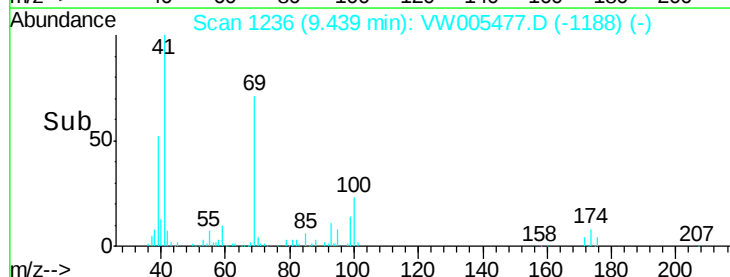
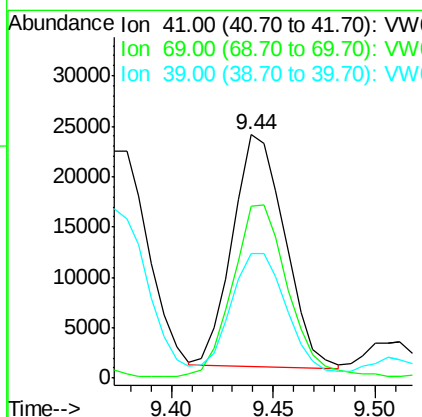
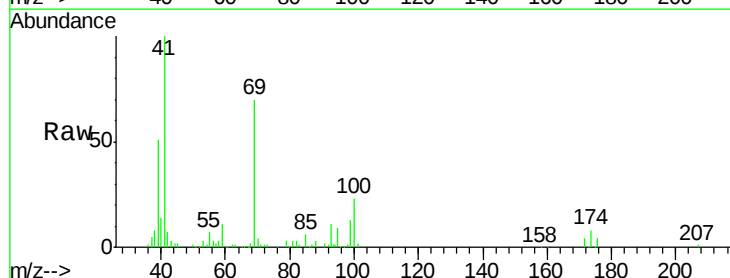
RT: 9.44 min Scan# 1236

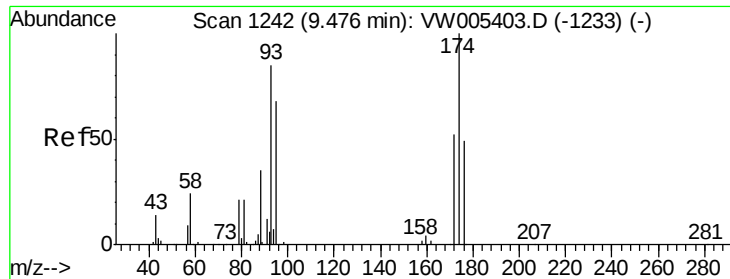
Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	41	Resp:	40917
Ion Ratio	Lower	Upper	
41	100		
69	82.0	67.5	101.3
39	53.0	45.5	68.3





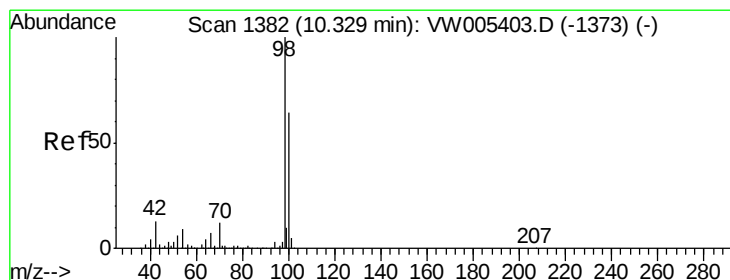
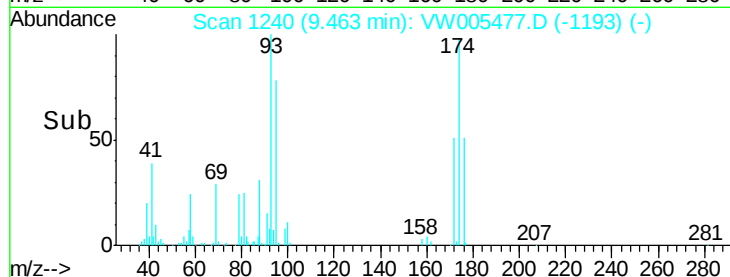
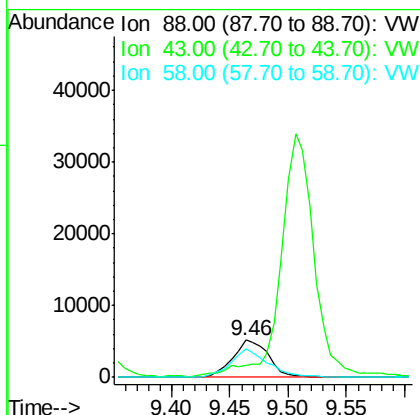
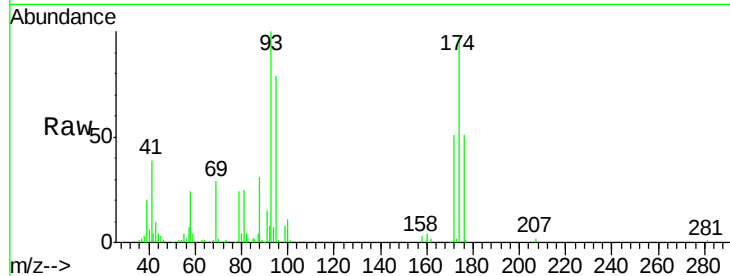
#49
1,4-Dioxane
Concen: 411.29 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	88	Resp	11169
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	80.0	62.4	93.6

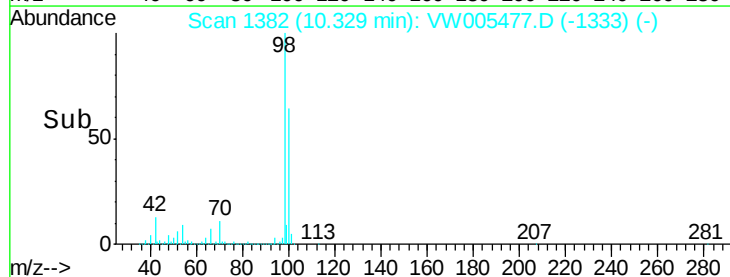
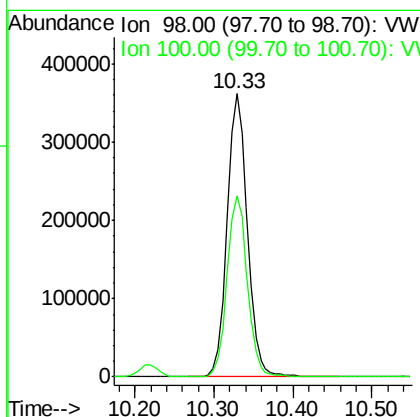
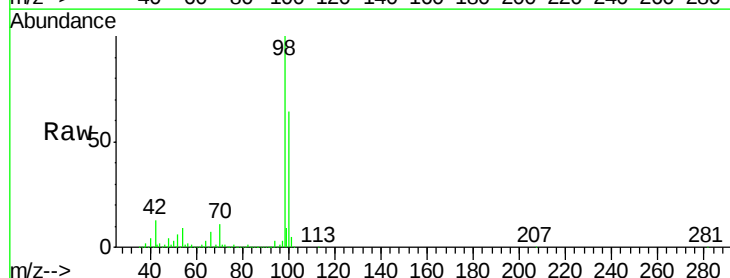
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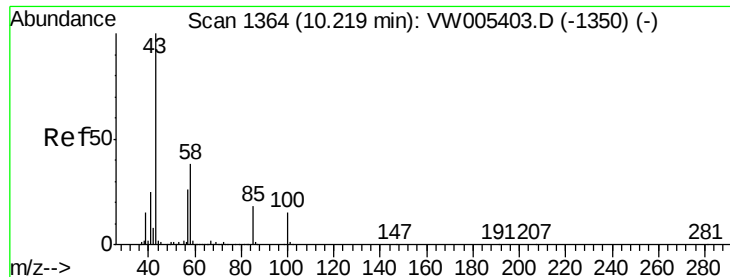
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#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	98	Resp	646253
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 113.27 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS01

Tot Ion: 43 Resp: 221471

Ion Ratio Lower Upper

43 100

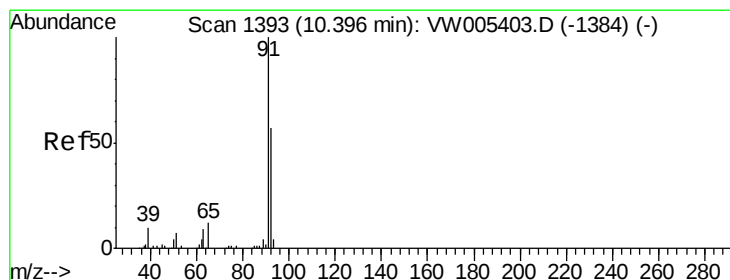
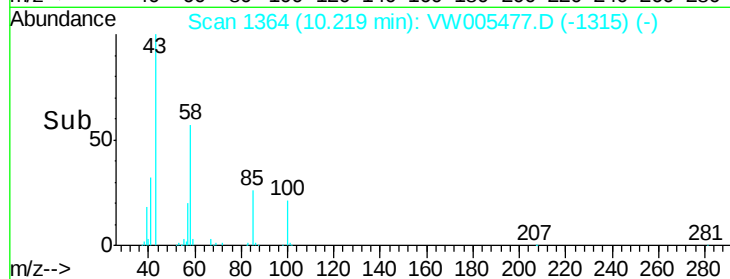
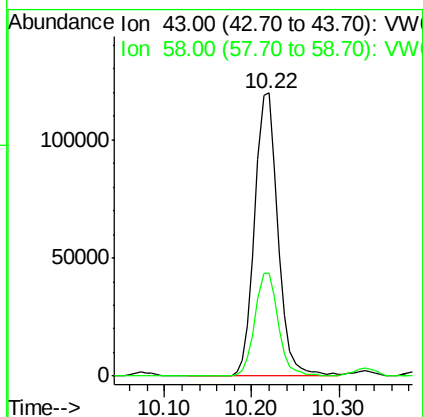
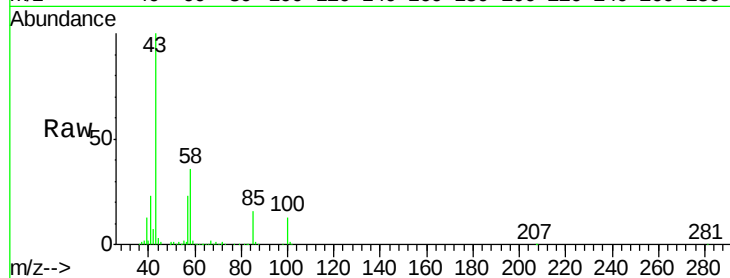
58 36.7 29.9 44.9

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#52

Toluene

Concen: 21.22 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005477.D

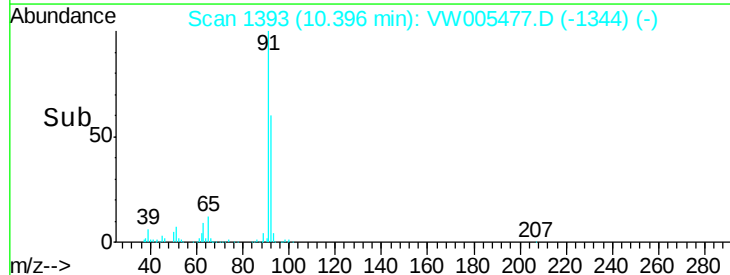
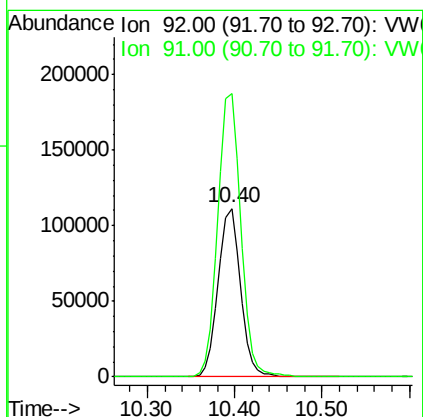
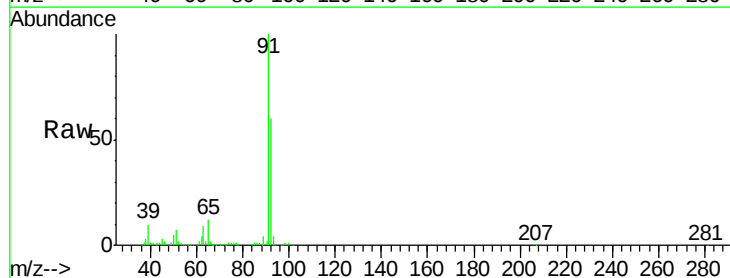
Acq: 18 Sep 2018 14:33

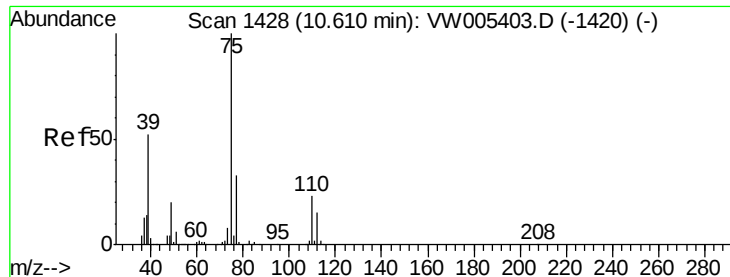
Tgt Ion: 92 Resp: 199179

Ion Ratio Lower Upper

92 100

91 172.3 139.1 208.7





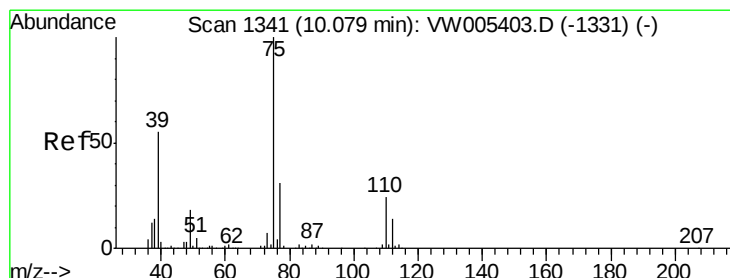
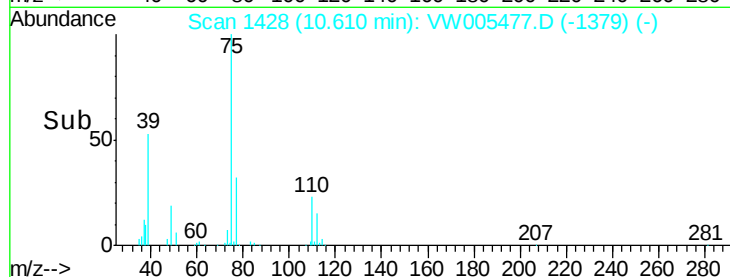
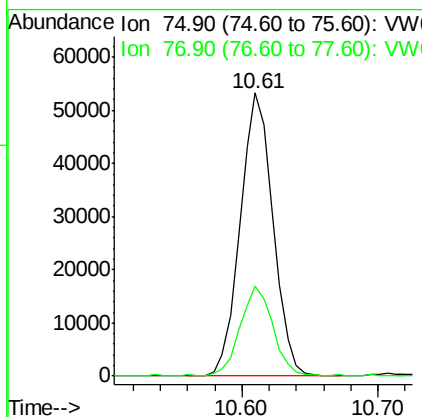
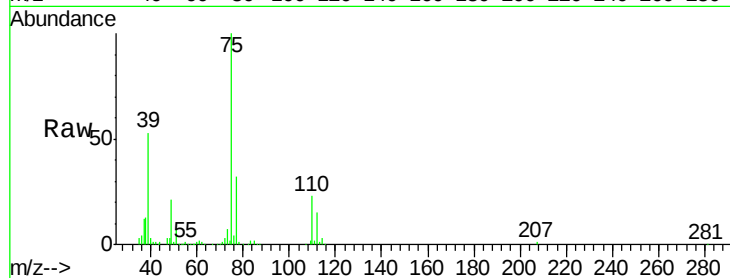
#53
t-1,3-Dichloropropene
Concen: 20.29 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7

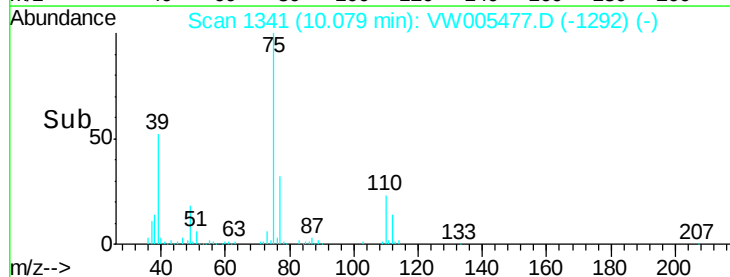
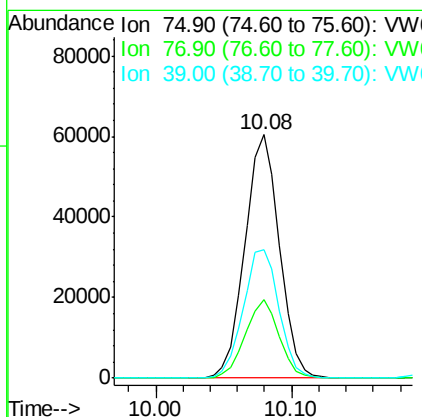
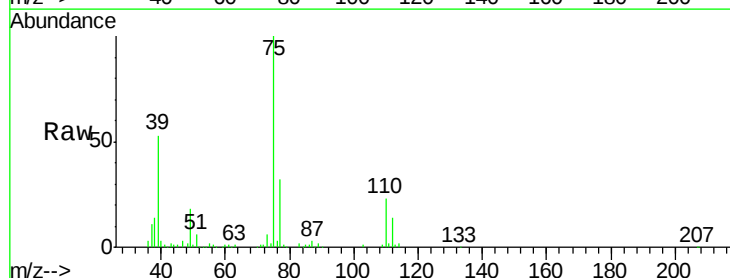
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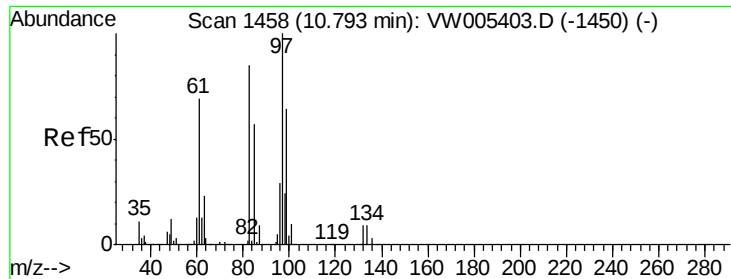
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#54
cis-1,3-Dichloropropene
Concen: 21.51 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4
39	52.4	44.2	66.2





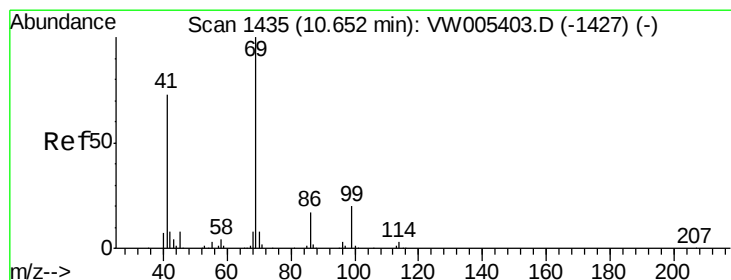
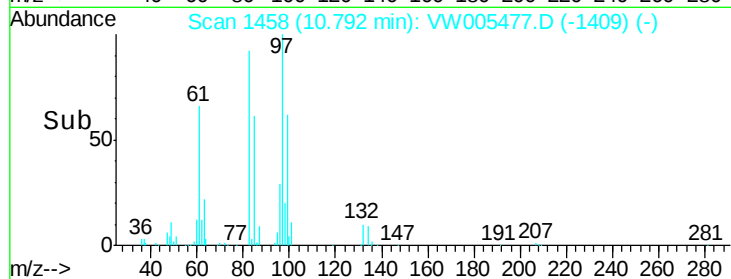
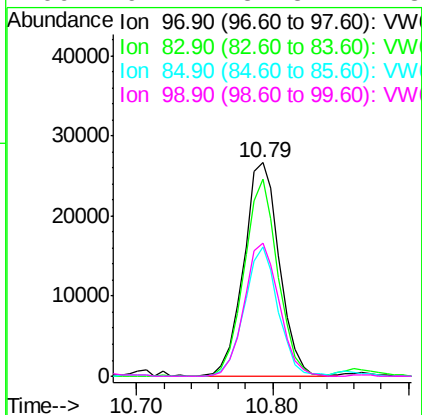
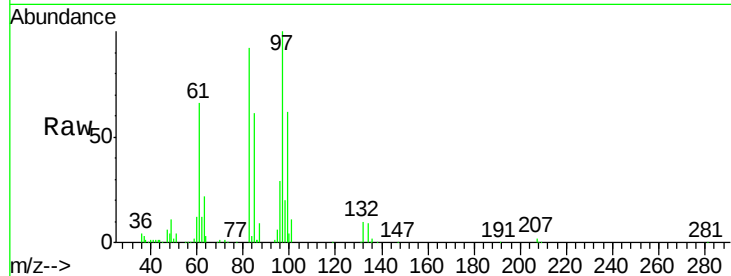
#55
 1,1,2-Trichloroethane
 Concen: 20.20 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion:	97	Resp:	48919
Ion	Ratio	Lower	Upper
97	100		
83	92.1	67.8	101.8
85	60.6	45.4	68.0
99	62.1	51.5	77.3

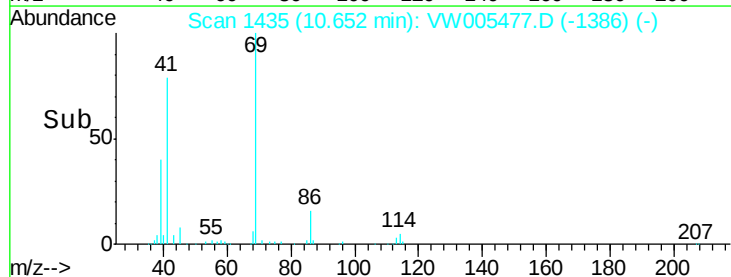
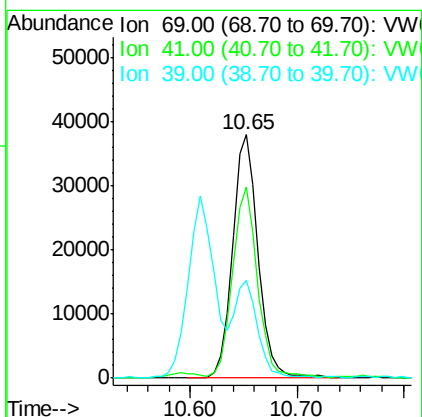
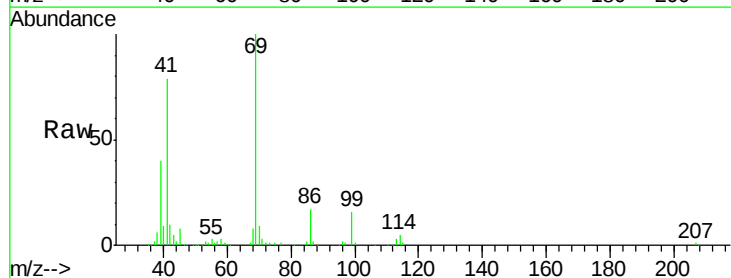
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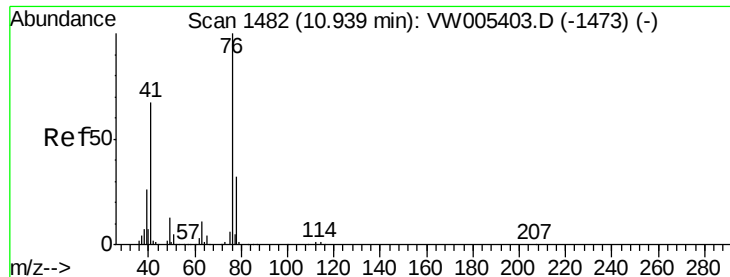
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#56
 Ethyl methacrylate
 Concen: 20.77 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion:	69	Resp:	63675
Ion	Ratio	Lower	Upper
69	100		
41	76.4	59.3	88.9
39	36.4	30.2	45.4





#57

1,3-Dichloropropane

Concen: 20.97 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 76 Resp: 87656

Ion Ratio Lower Upper

76 100

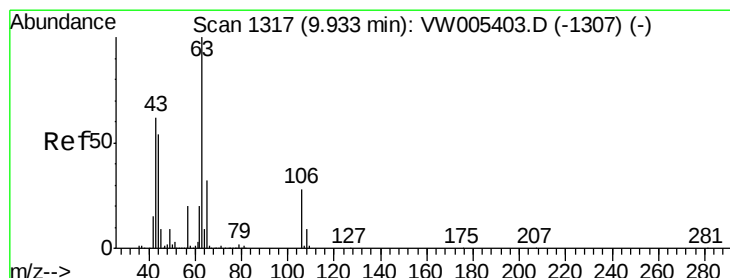
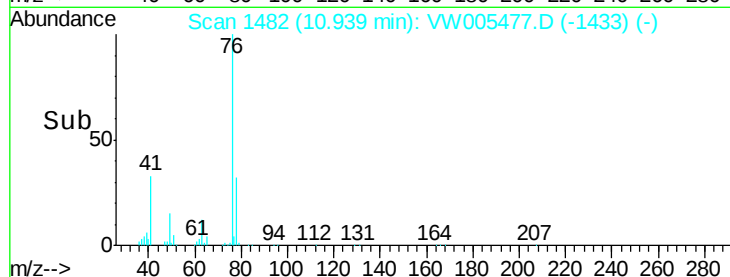
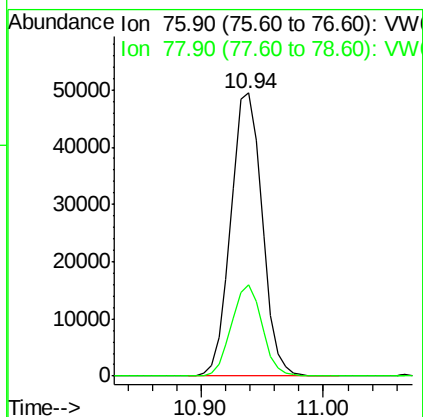
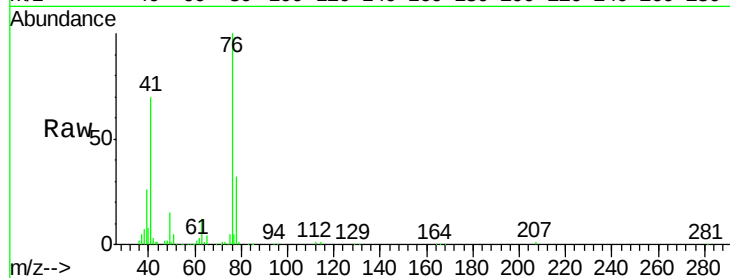
78 31.6 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 113.13 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005477.D

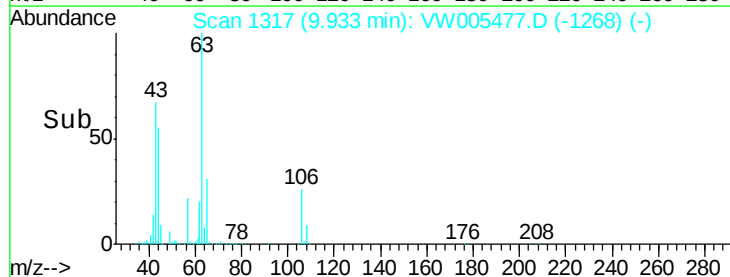
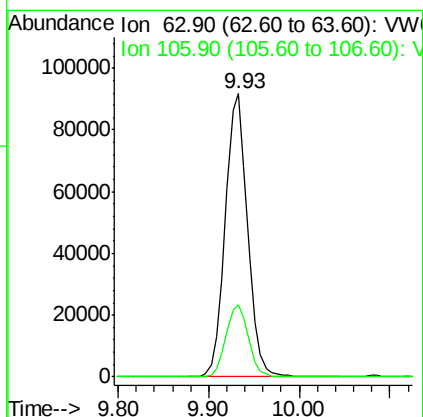
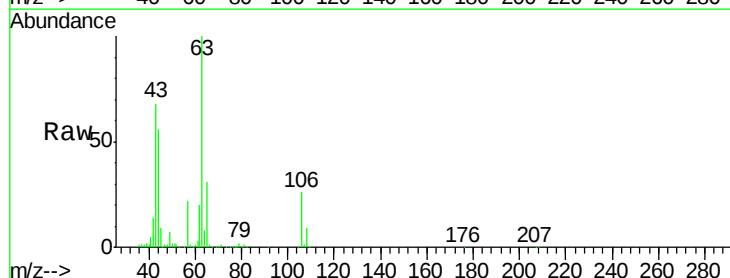
Acq: 18 Sep 2018 14:33

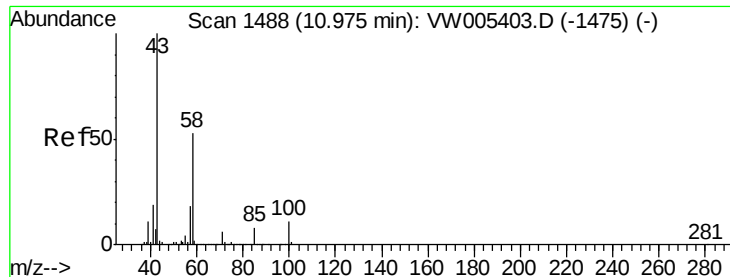
Tgt Ion: 63 Resp: 156830

Ion Ratio Lower Upper

63 100

106 25.6 22.0 33.0





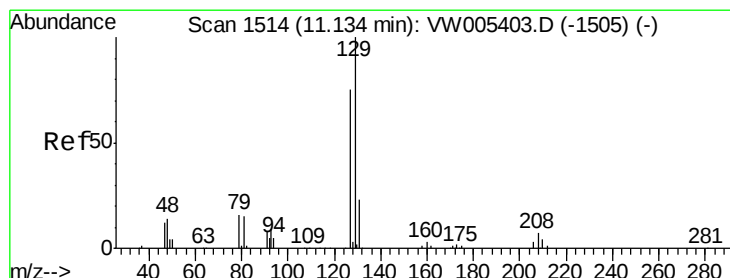
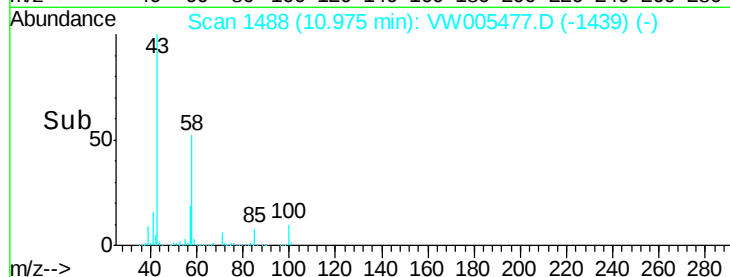
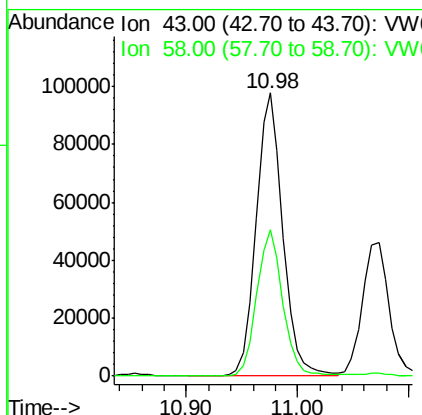
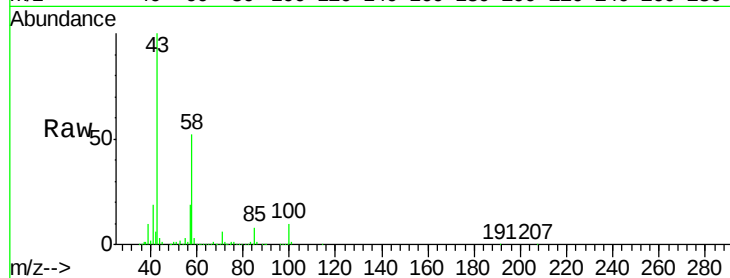
#59
2-Hexanone
Concen: 122.10 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.5	25.5	76.5

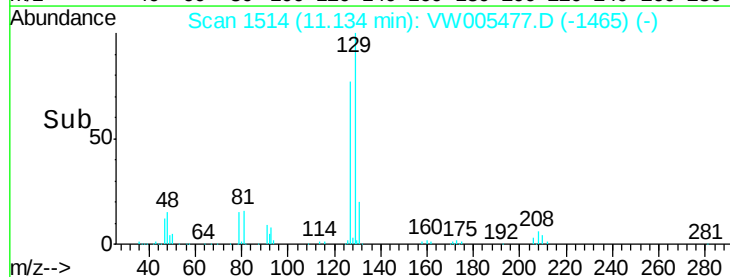
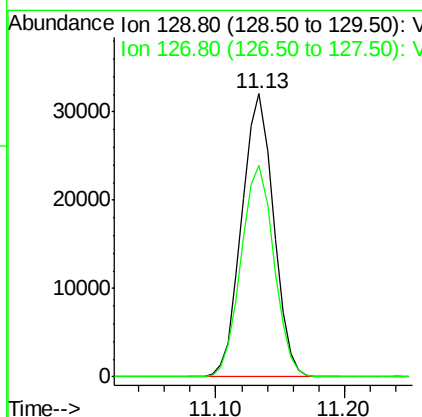
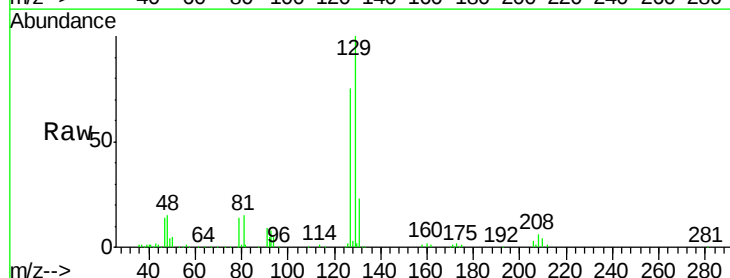
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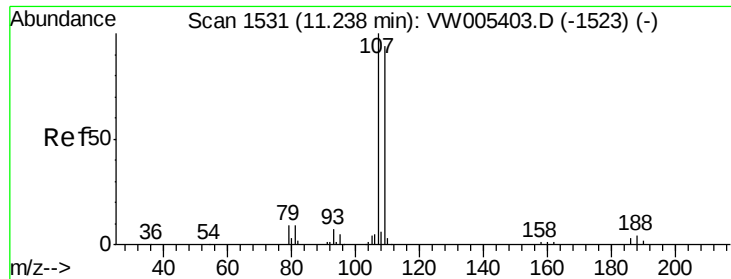
apatel
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#60
Dibromochloromethane
Concen: 18.85 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3





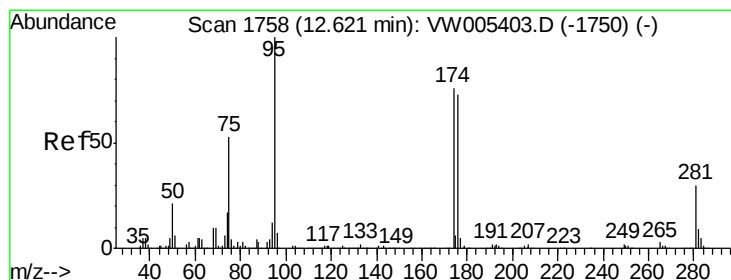
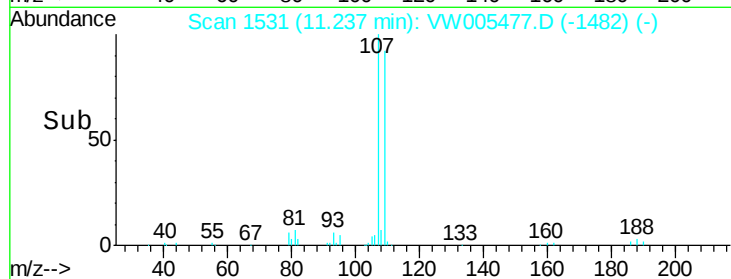
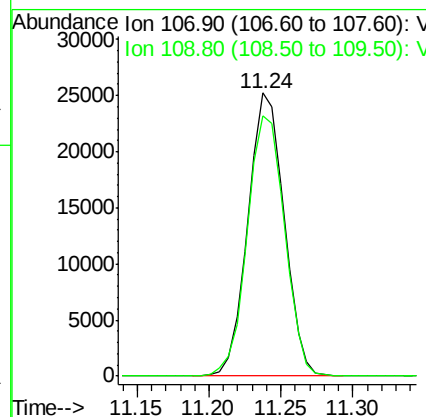
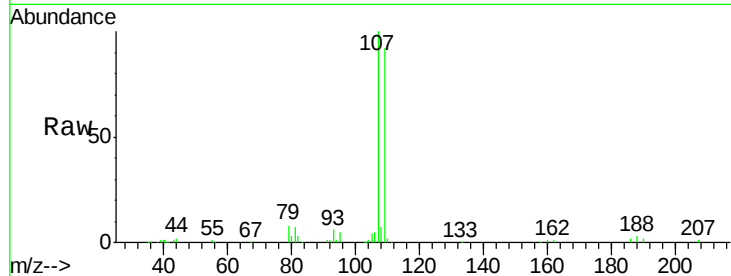
#61
 1,2-Dibromoethane
 Concen: 20.17 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

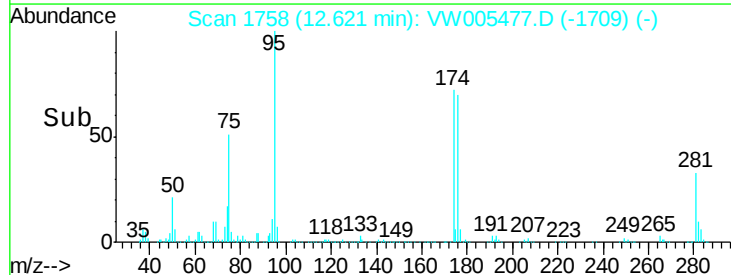
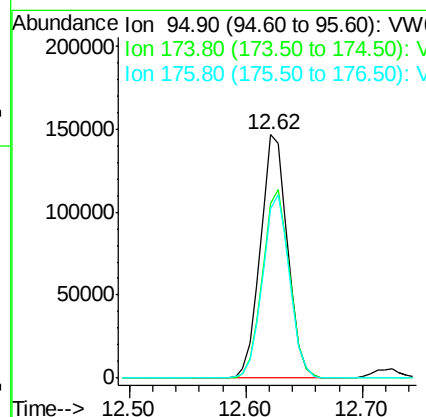
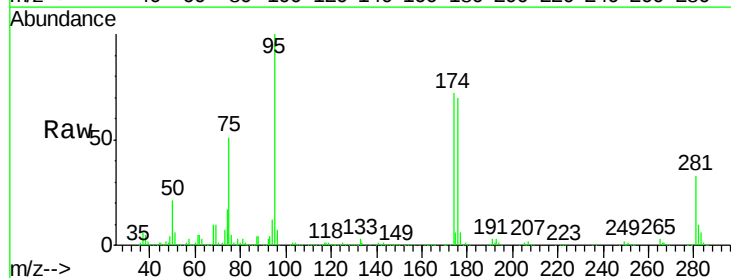
Manual Integrations
 APPROVED

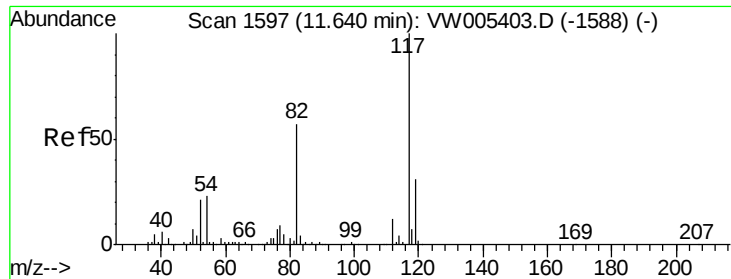
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.04 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	161.2
176	74.9	0.0	156.6





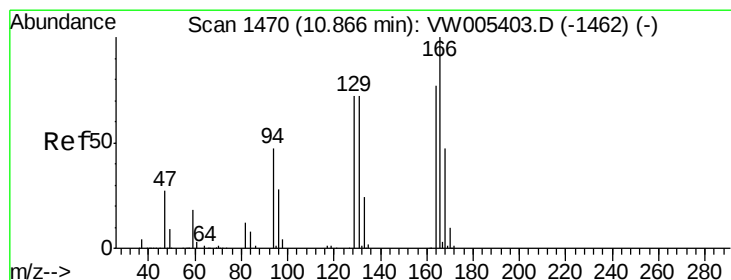
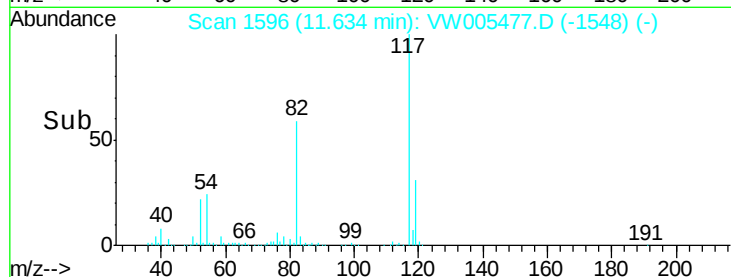
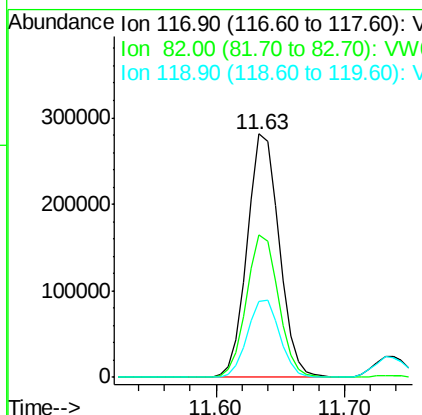
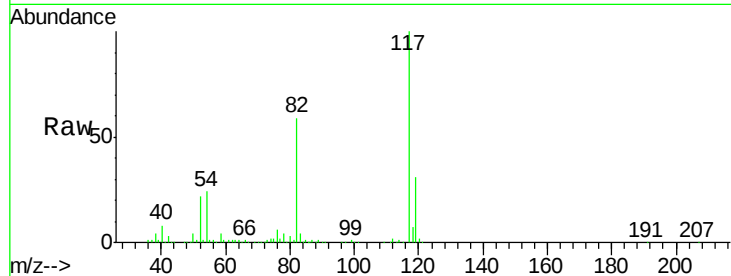
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	482961		
82	58.8		45.9	68.9
119	31.2		24.8	37.2

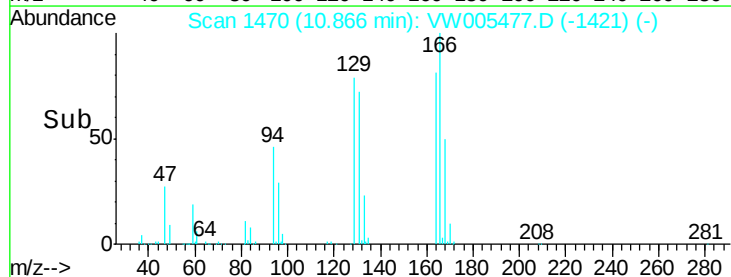
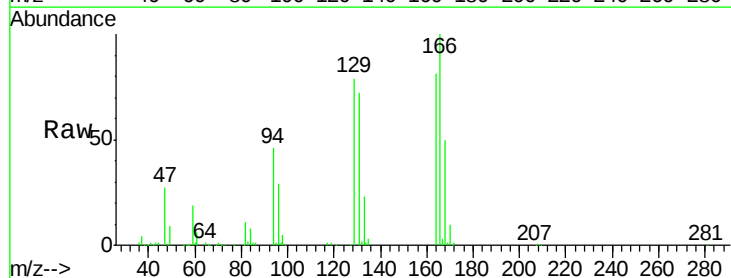
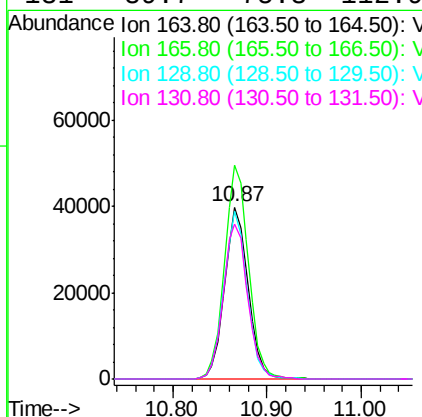
Manual Integrations
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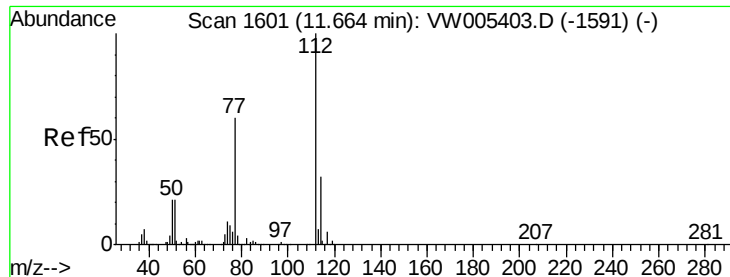
apatel
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#64
Tetrachloroethene
Concen: 19.35 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69059		
166	124.1		104.0	156.0
129	97.7		74.9	112.3
131	89.7		75.3	112.9





#65

Chlorobenzene

Concen: 20.71 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion:112 Resp: 212284

Ion Ratio Lower Upper

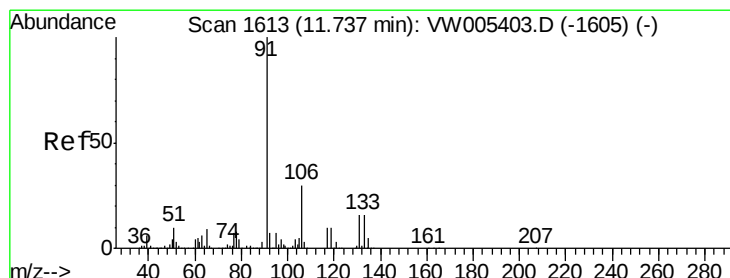
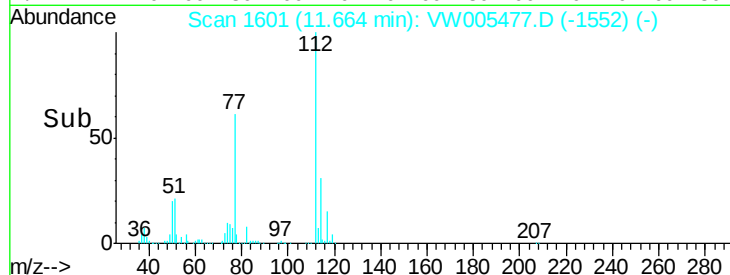
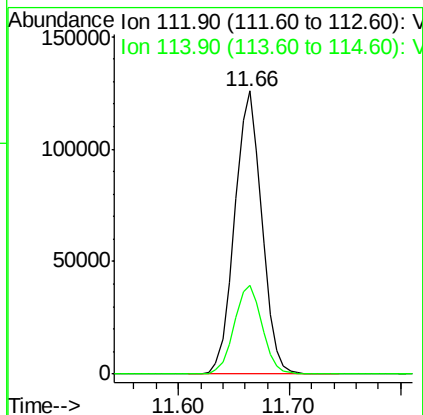
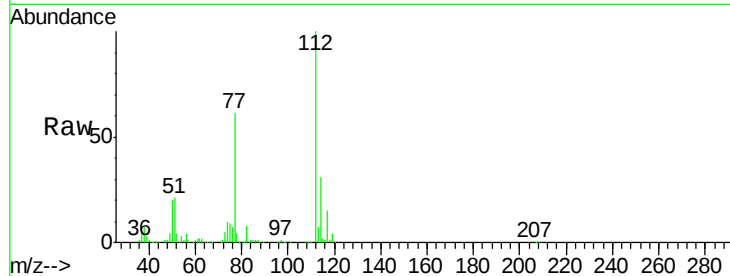
112 100

114 31.5 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.08 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

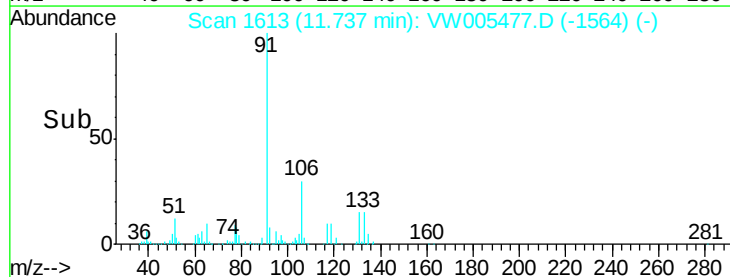
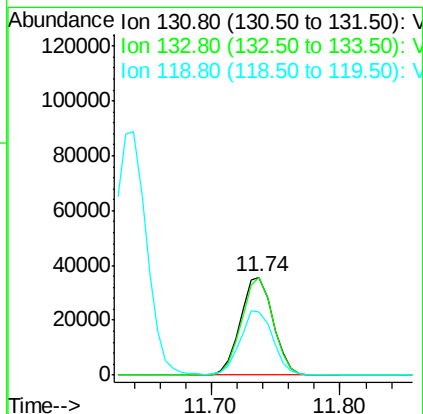
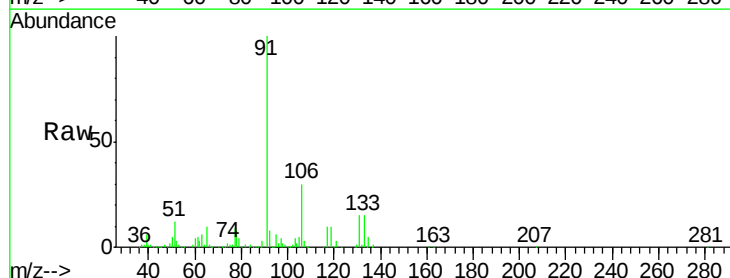
Tgt Ion:131 Resp: 62516

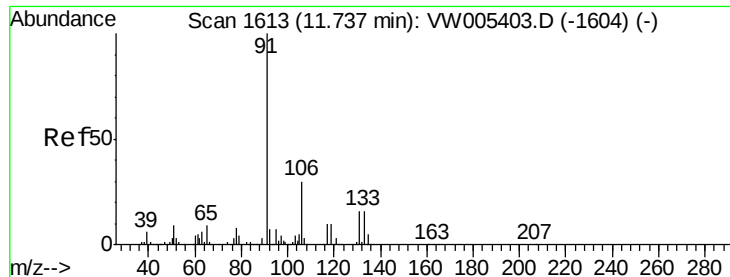
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.9

119 65.3 31.1 93.5





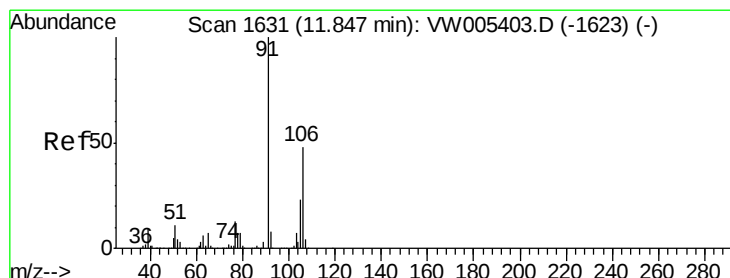
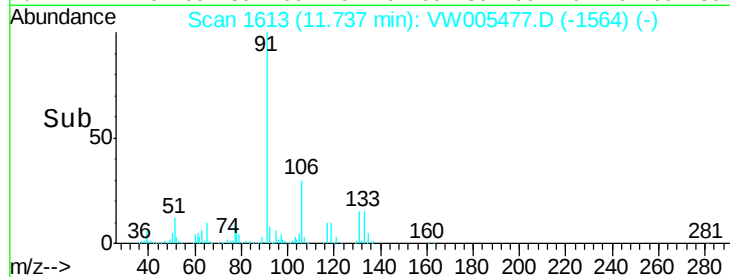
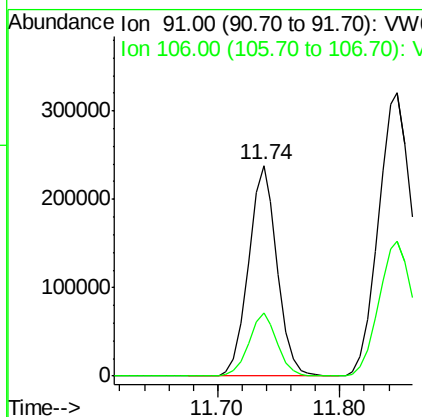
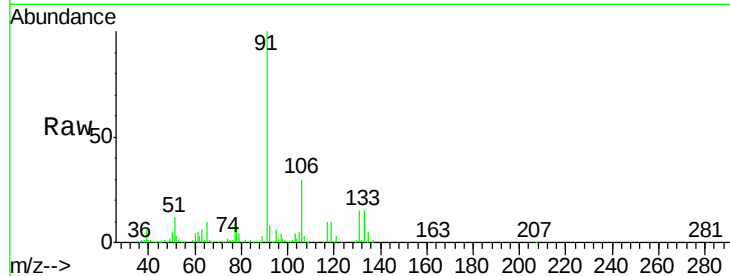
#67
Ethyl Benzene
Concen: 21.35 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampled :
VW0918SBS01

Tot Ion: 91 Resp: 384926
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

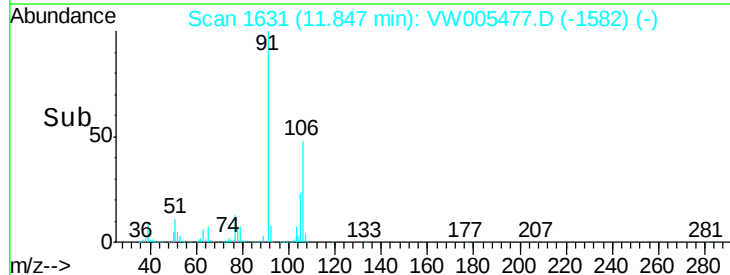
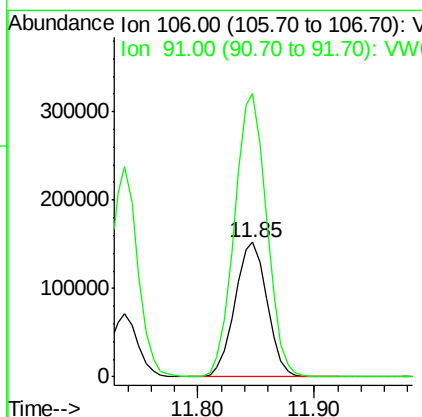
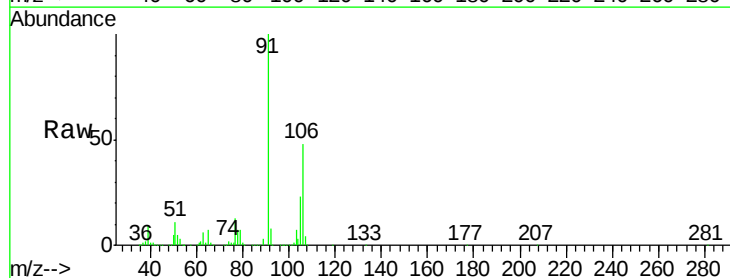
Manual Integrations
APPROVED

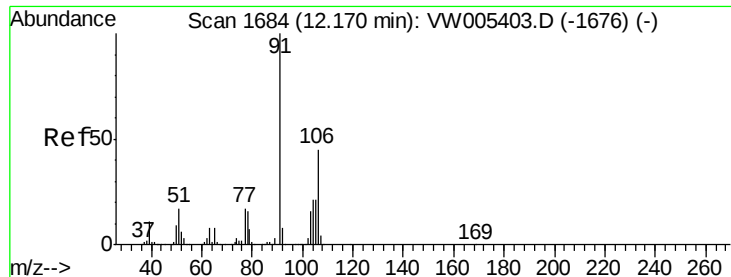
apatel
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#68
m/p-Xylenes
Concen: 42.37 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion: 106 Resp: 293907
Ion Ratio Lower Upper
106 100
91 209.5 167.9 251.9





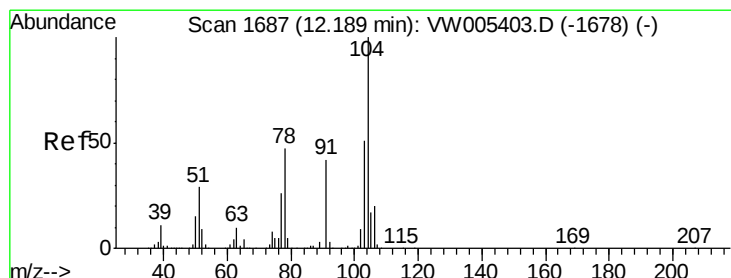
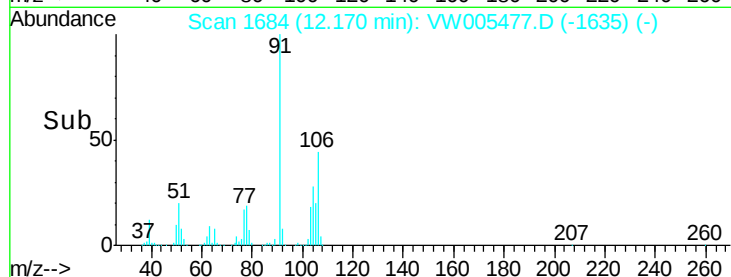
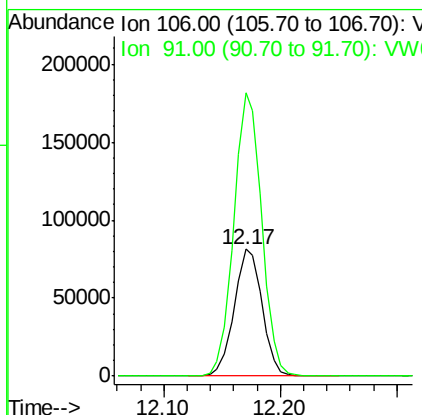
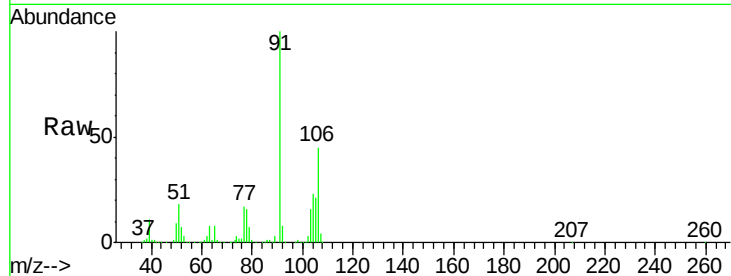
#69
o-Xylene
Concen: 21.03 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	222.7	110.6	135880	331.6	

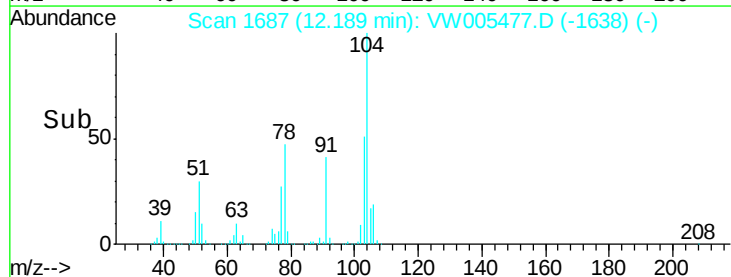
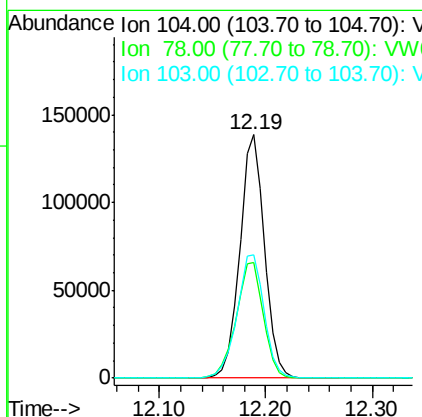
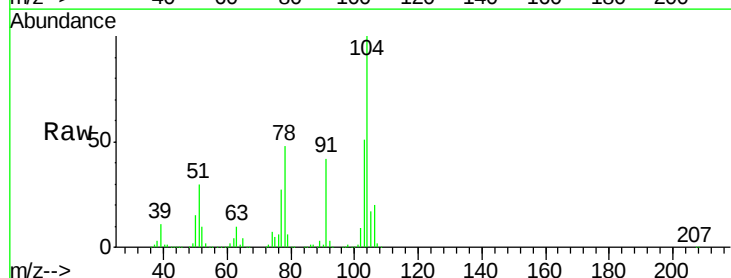
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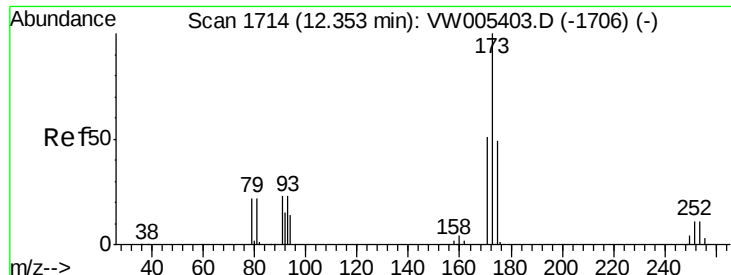
apatel
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#70
Styrene
Concen: 21.14 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	52.5	42.4	225373	63.6	
103	56.0	44.8		67.2	





#71

Bromoform

Concen: 18.20 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

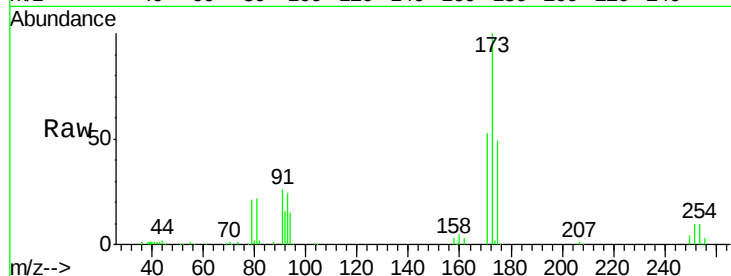
ClientSampleId :

VW0918SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.1	0.0	0.0

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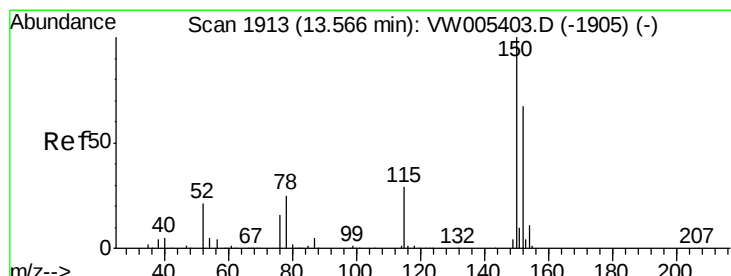
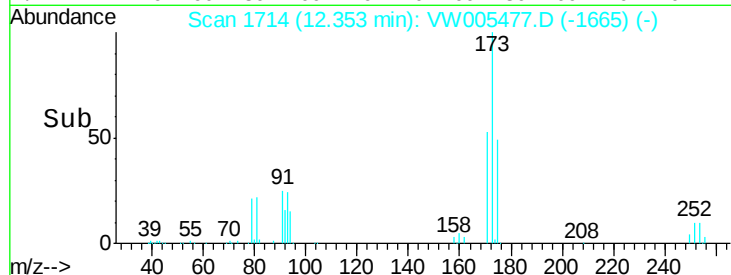
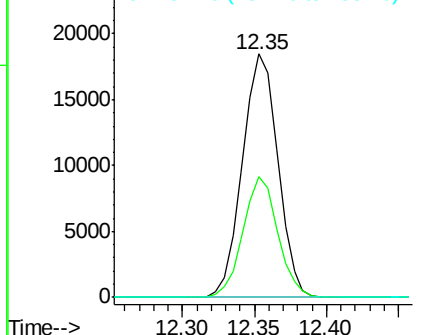


Abundance

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

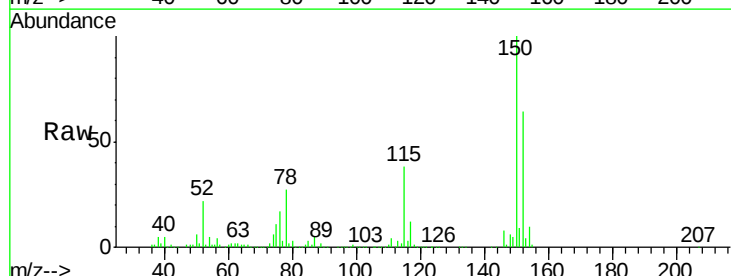
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.5	88.5
150	163.2	0.0	345.6

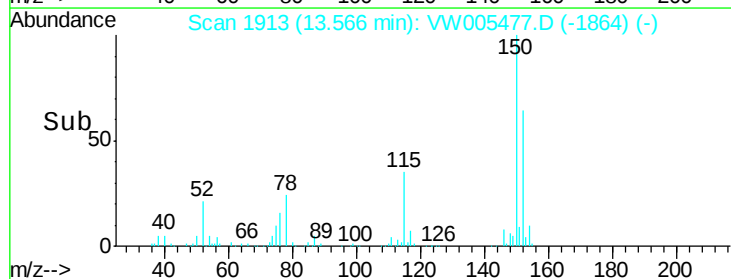
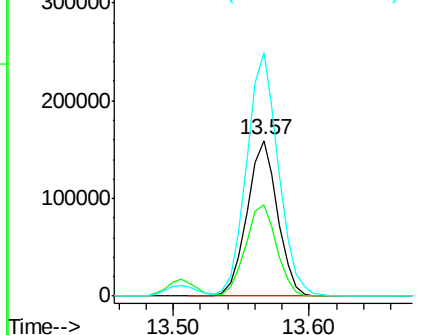


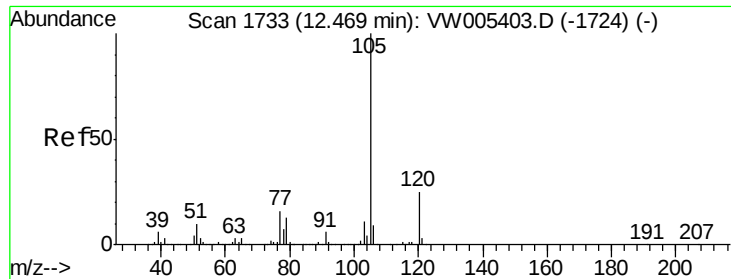
Abundance

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





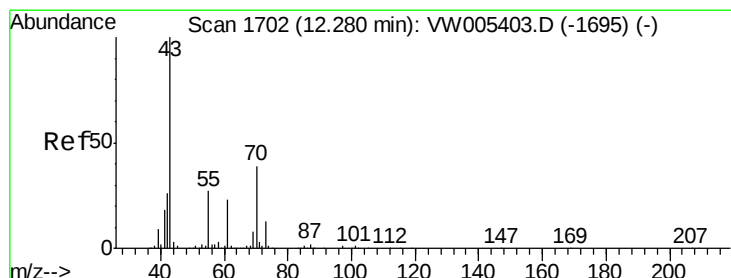
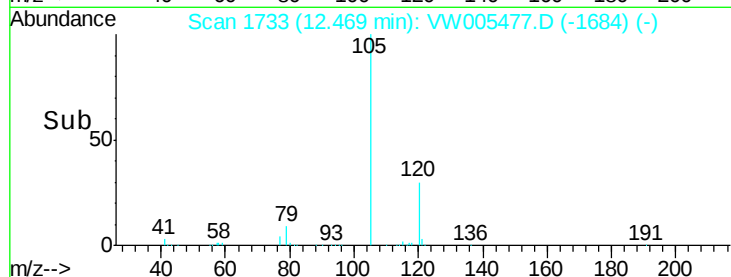
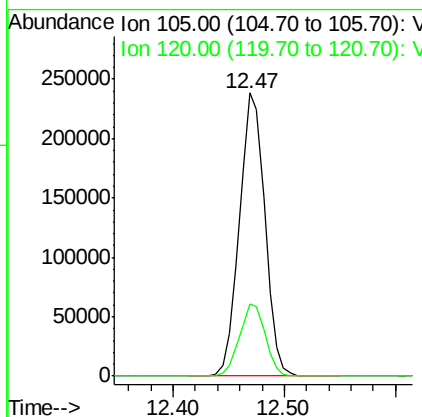
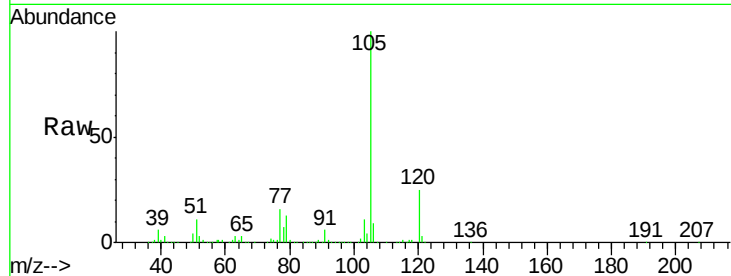
#73
Isopropylbenzene
Concen: 21.60 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleID :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

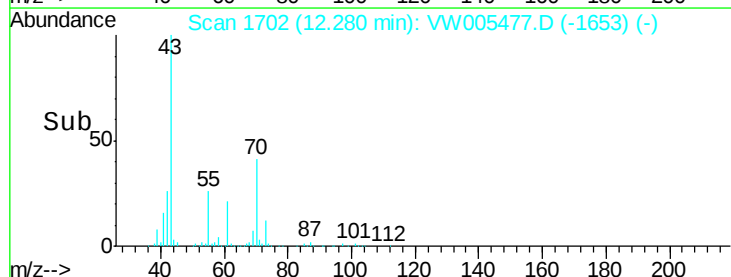
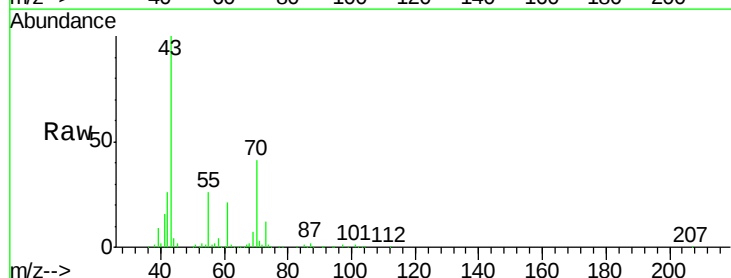
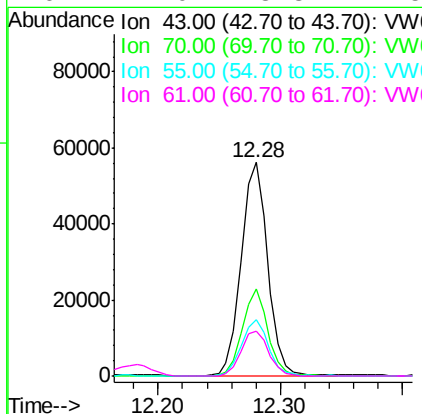
Manual Integrations
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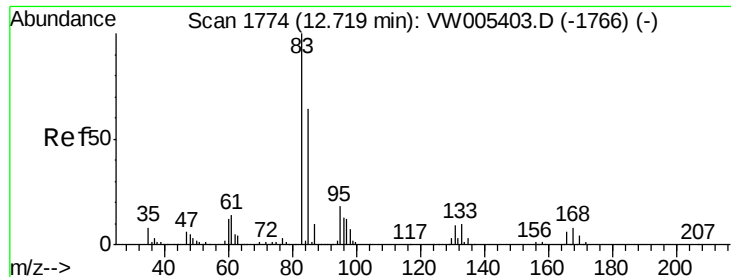
apatel
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#74
N-ethyl acetate
Concen: 22.78 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.3	31.9	47.9
55	27.0	21.4	32.0
61	22.0	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.61 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

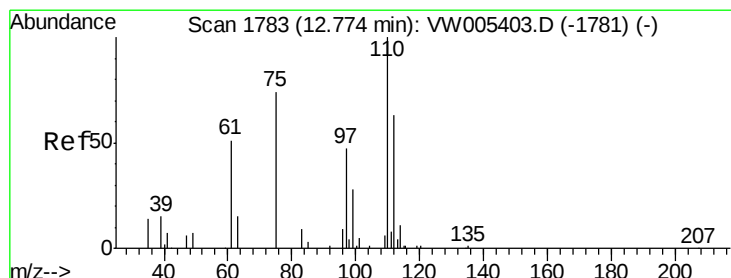
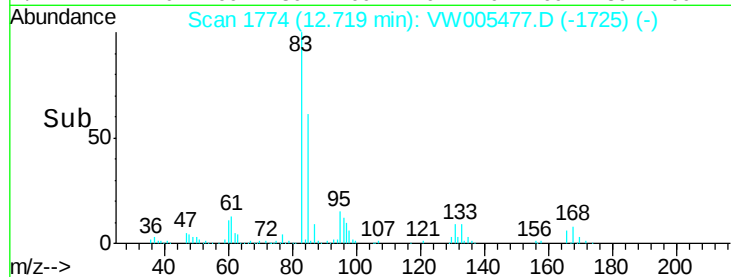
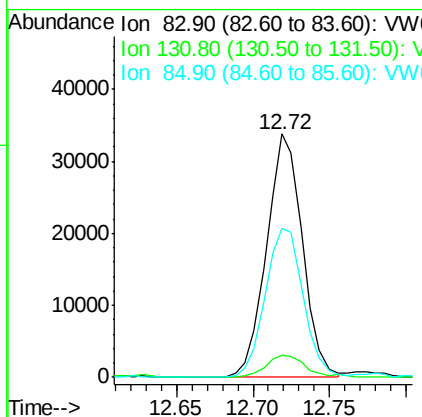
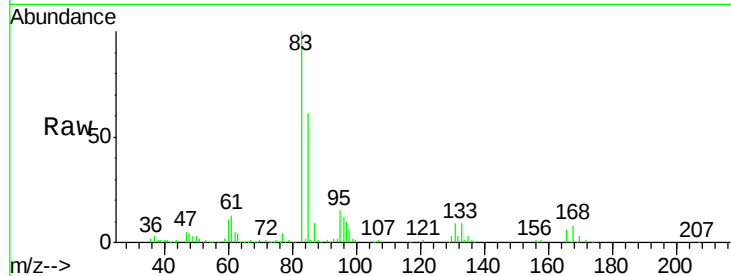
ClientSampleId :

VW0918SBS01

Tot Ion:	83	Resp:	55114
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.7	17.1
85	64.6	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.98 ug/l m

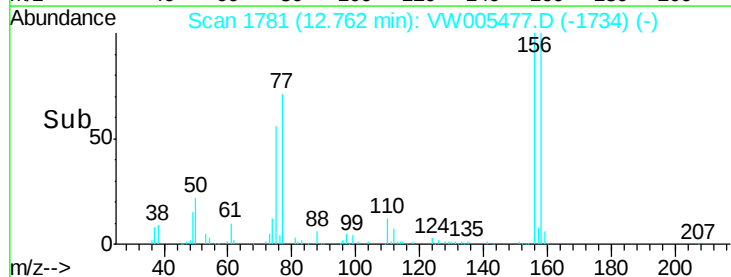
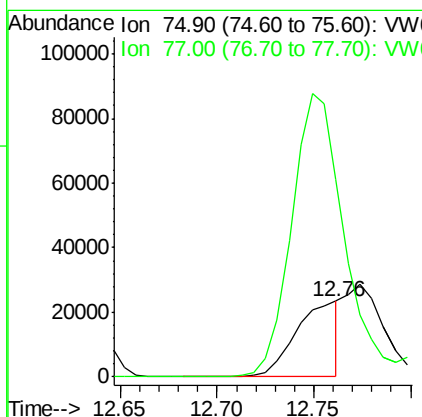
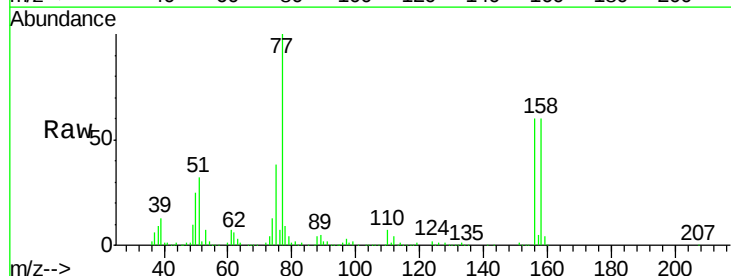
RT: 12.76 min Scan# 1781

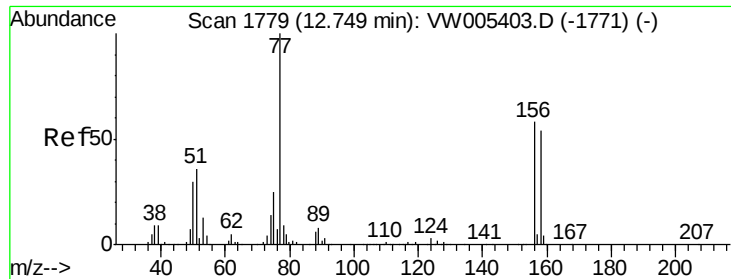
Delta R.T. -0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	75	Resp:	36847
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.27 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

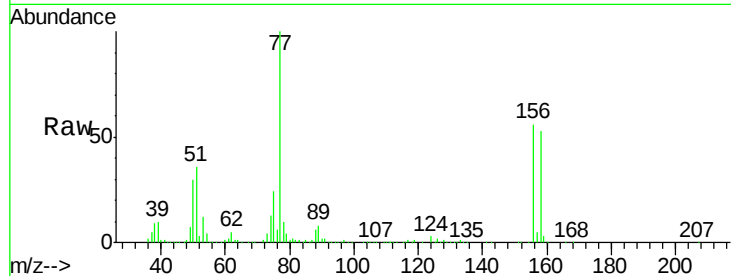
ClientSampleId :

VW0918SBS01

Tot Ion:	156	Resp:	83765
Ion Ratio	Lower	Upper	
156	100		
77	196.2	92.8	278.3
158	97.8	48.2	144.6

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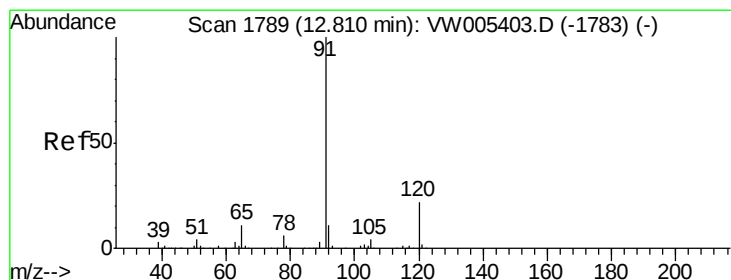
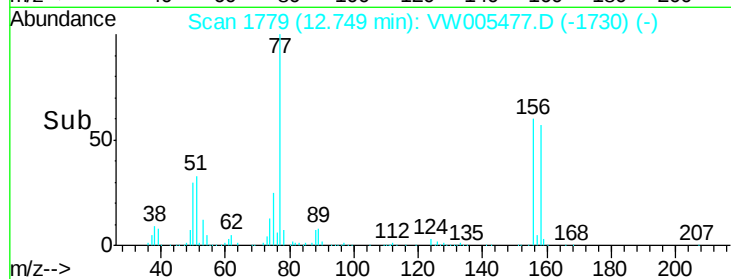
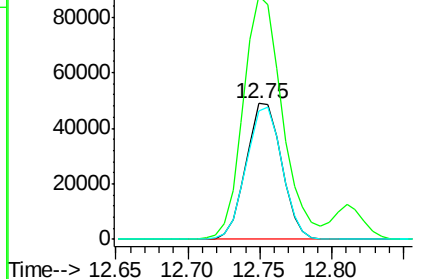
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.32 ug/l

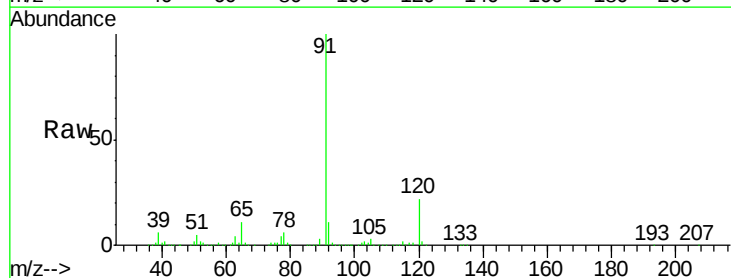
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005477.D

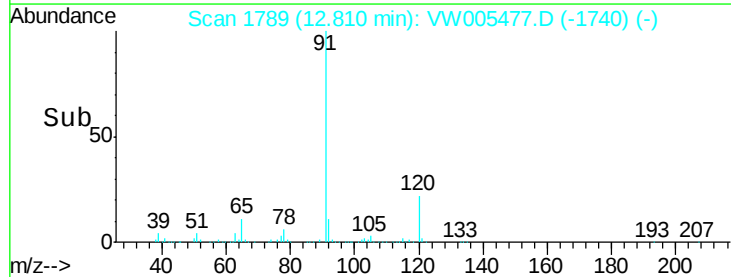
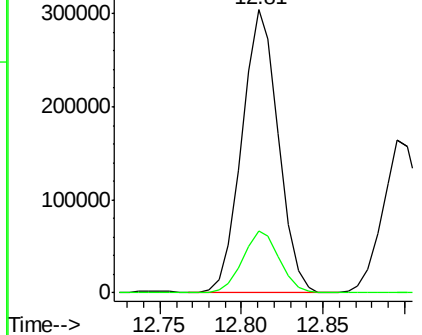
Acq: 18 Sep 2018 14:33

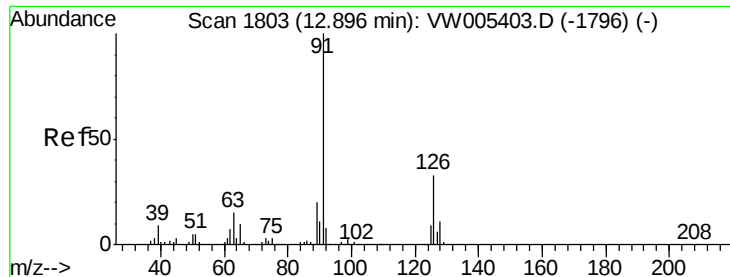
Tgt Ion:	91	Resp:	470764
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.68 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion: 91 Resp: 269821

Ion Ratio Lower Upper

91 100

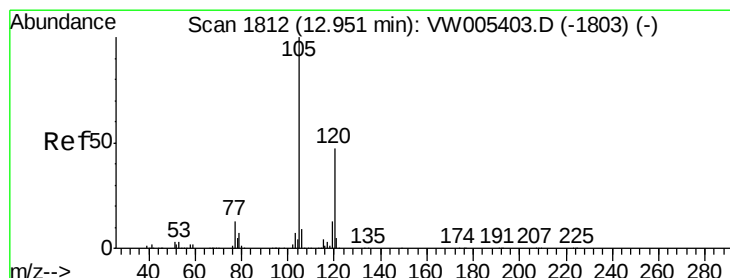
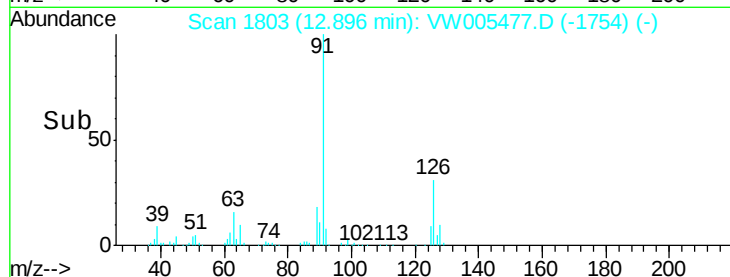
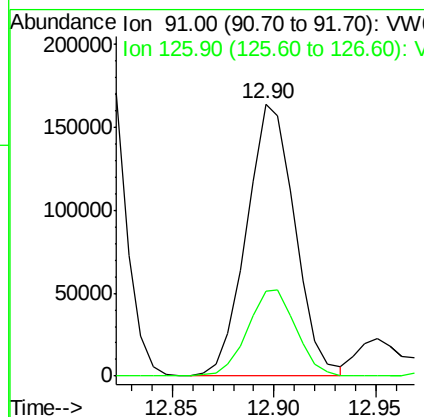
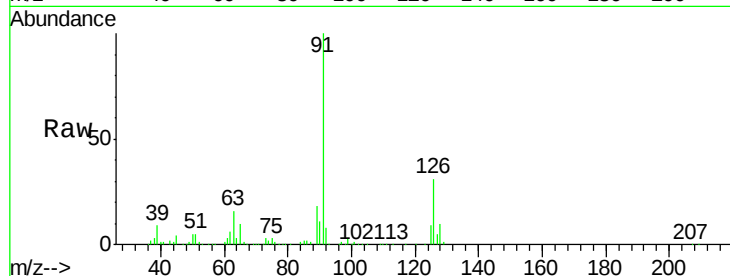
126 32.0 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 21.18 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005477.D

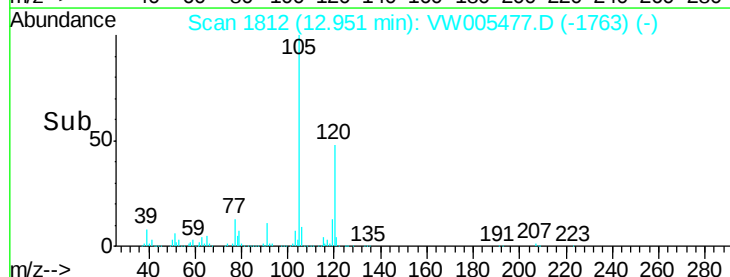
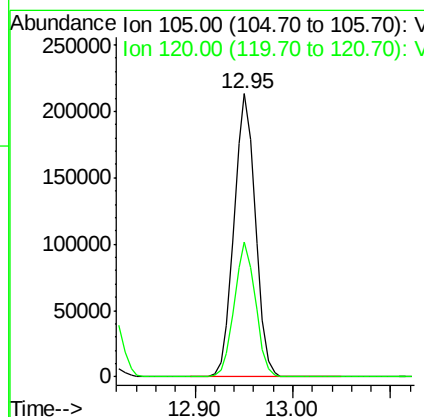
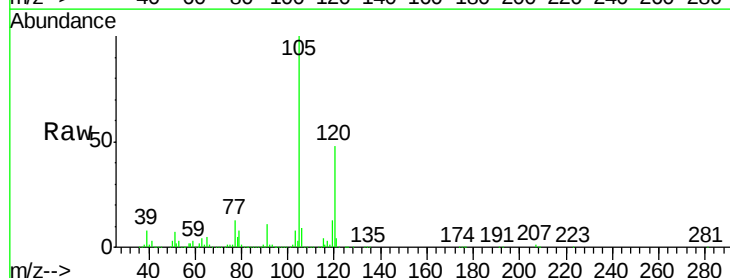
Acq: 18 Sep 2018 14:33

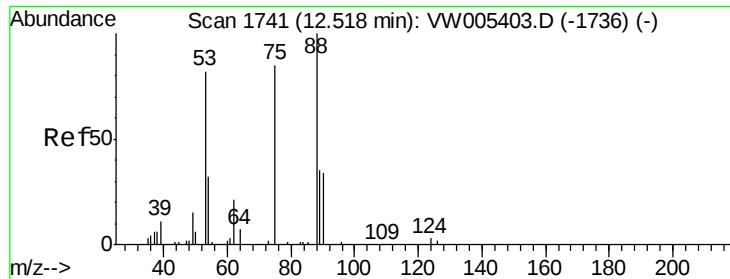
Tgt Ion:105 Resp: 323018

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5





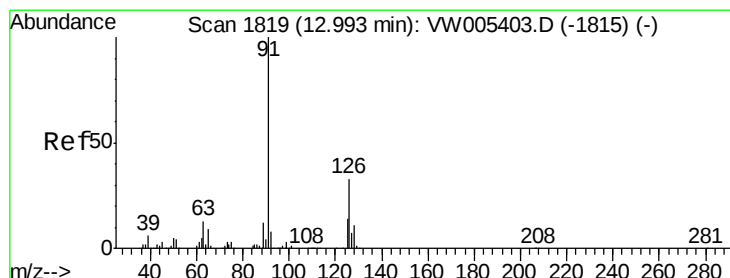
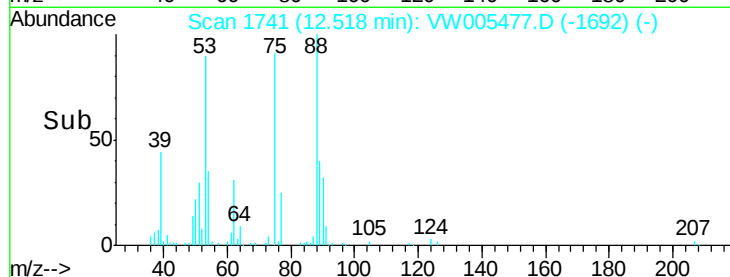
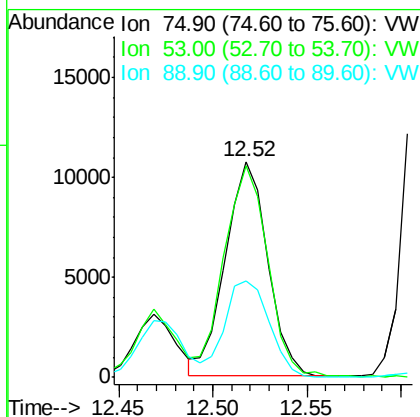
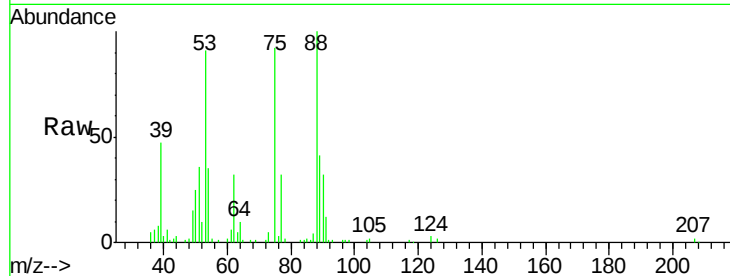
#81
trans-1,4-Dichloro-2-butene
Concen: 21.04 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	83.2	124.8
89	47.4	36.6	54.8

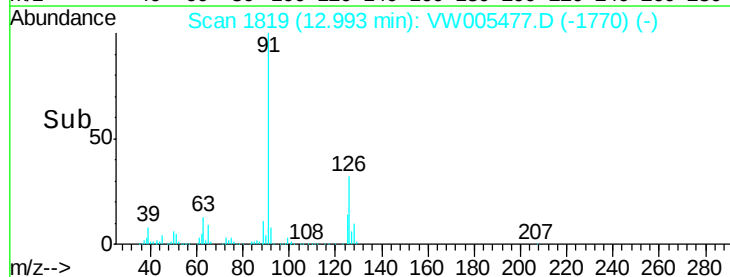
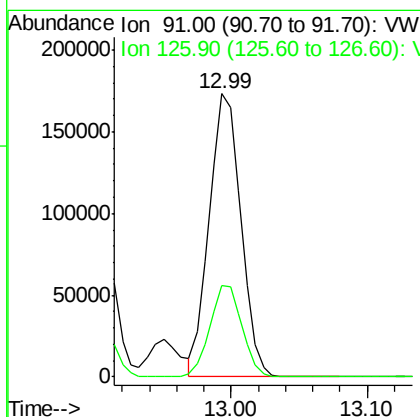
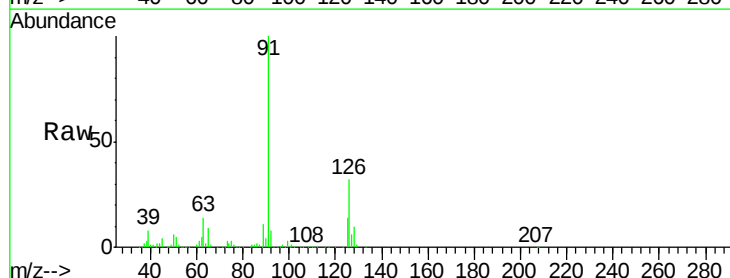
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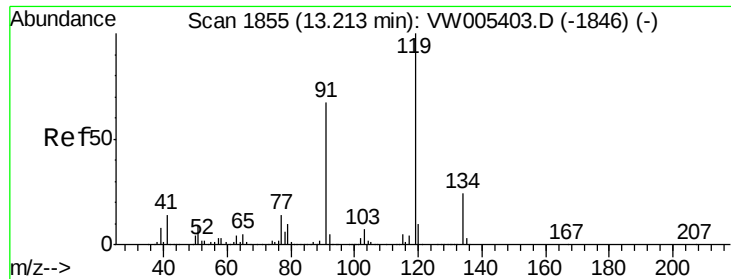
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#82
4-Chlorotoluene
Concen: 21.30 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





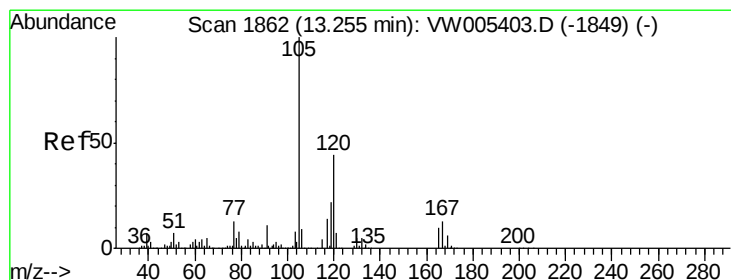
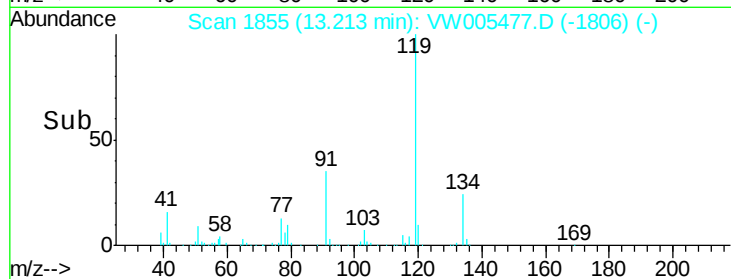
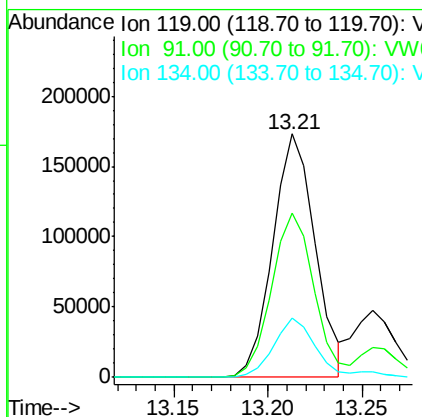
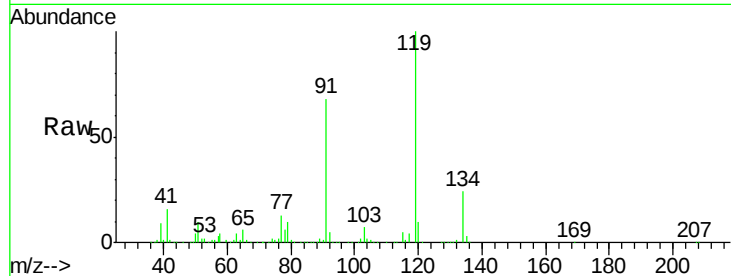
#83
 tert-Butylbenzene
 Concen: 21.28 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	269631		
91	68.2		34.4	103.2
134	23.8		12.7	38.0

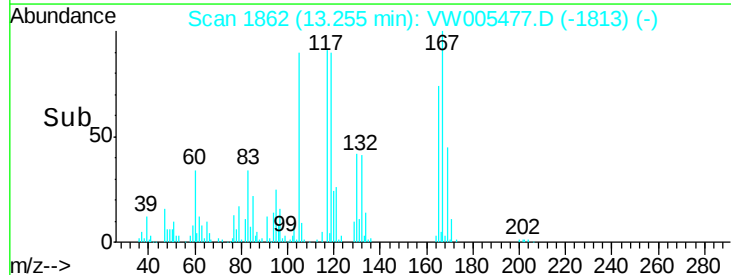
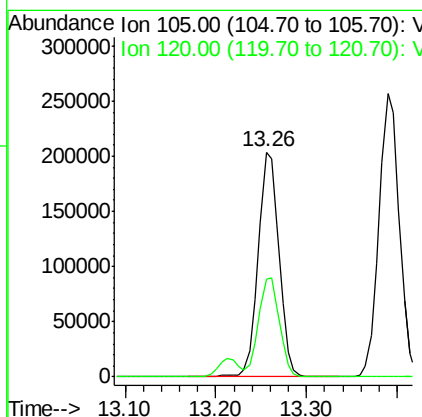
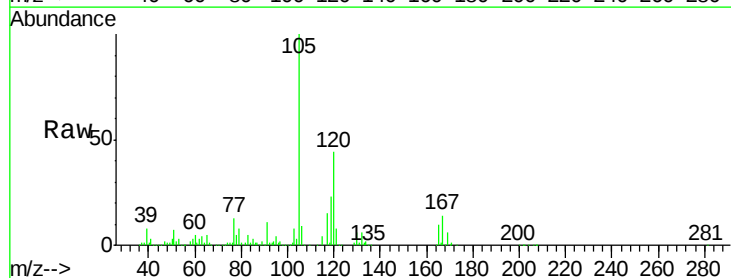
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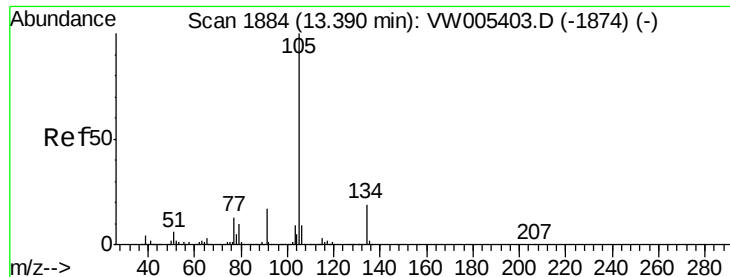
apatel
 9/19/2018 11:25:45 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.90 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323577		
120	44.3		21.8	65.3





#85

sec-Butylbenzene

Concen: 21.77 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion:105 Resp: 398510

Ion Ratio Lower Upper

105 100

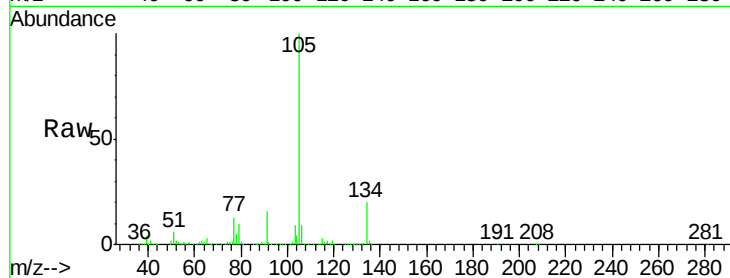
134 19.4 9.8 29.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

250000

200000

150000

100000

50000

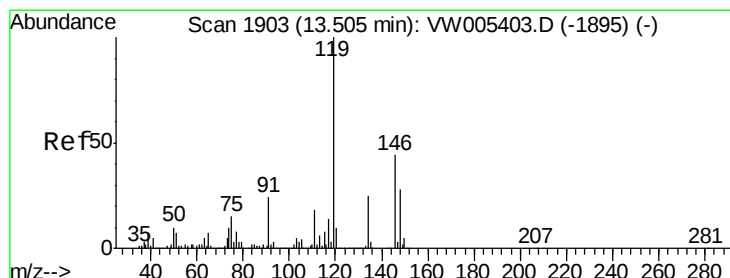
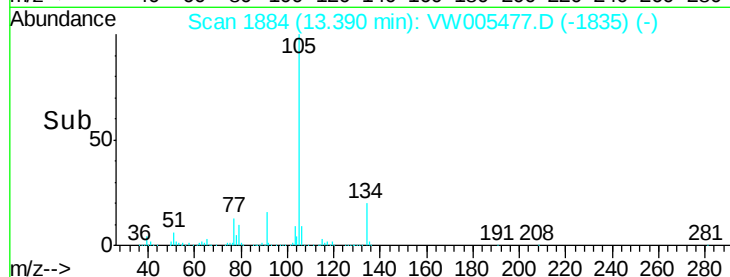
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 21.40 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

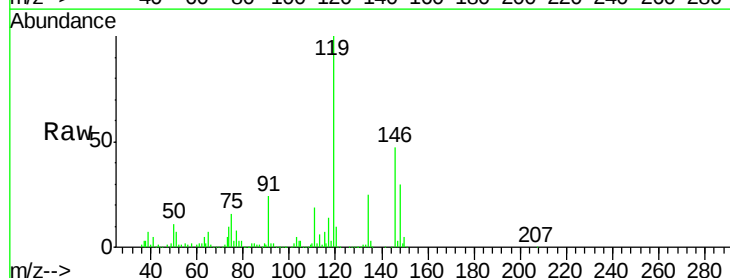
Tgt Ion:119 Resp: 350376

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 23.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

50000

0

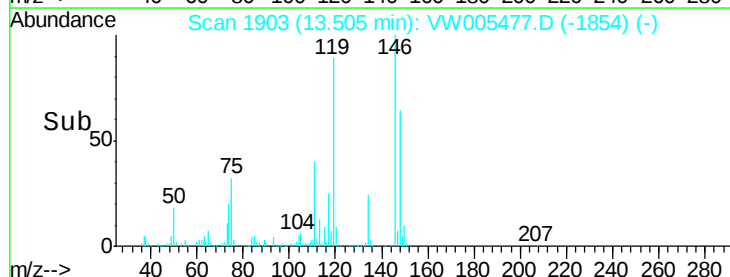
13.51

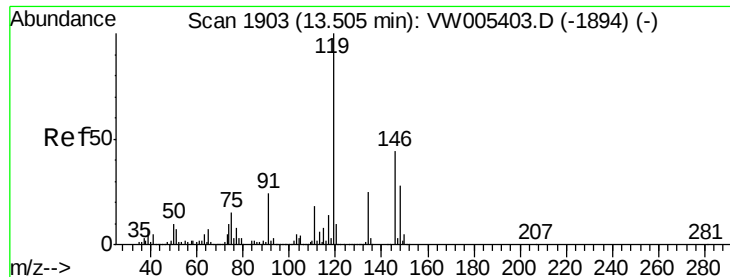
13.45

13.55

13.60

Time-->





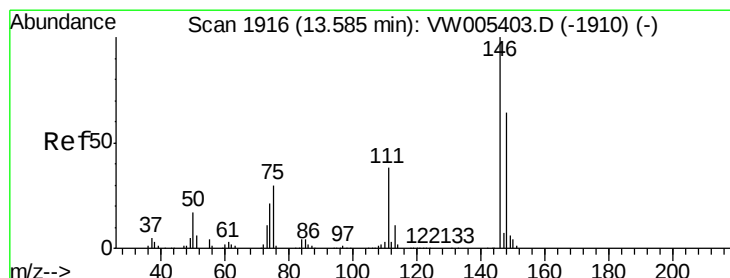
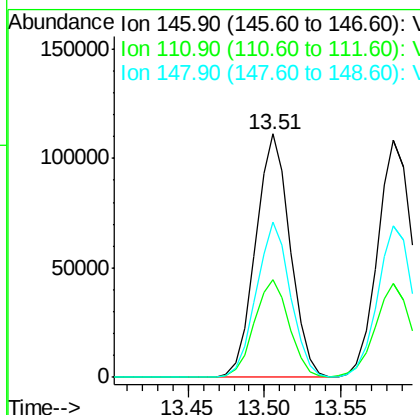
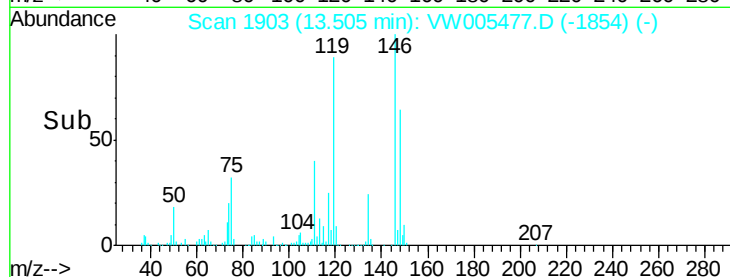
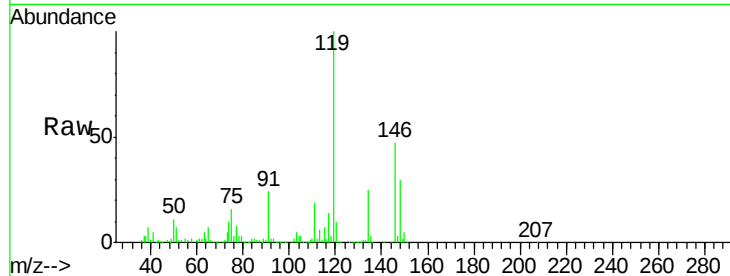
#87
 1,3-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	174702		
111	40.4	20.4	61.2	
148	63.3	32.0	96.0	

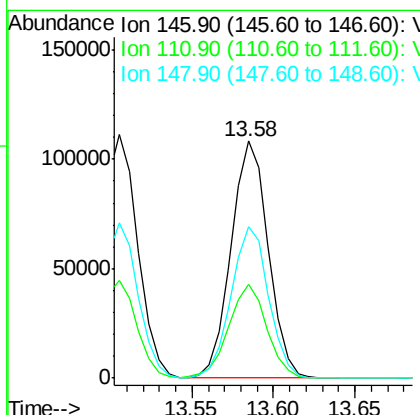
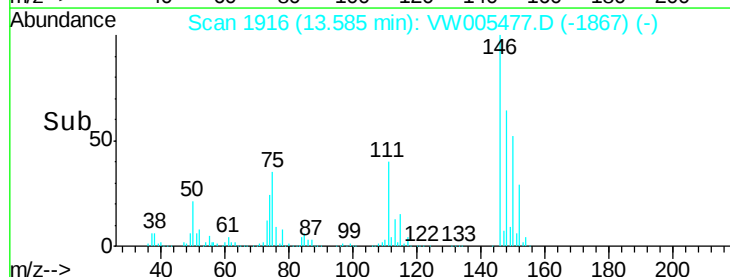
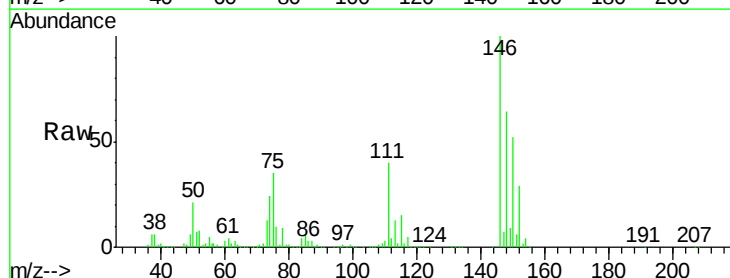
Manual Integrations
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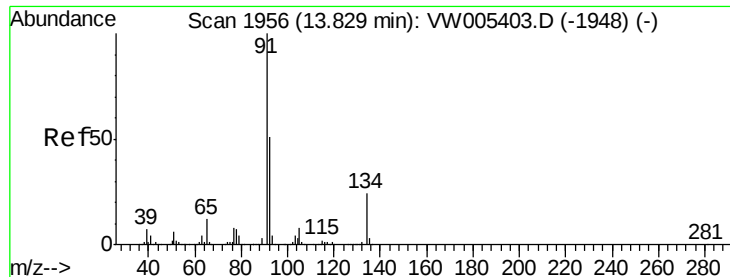
apatel
 9/19/2018 11:25:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.81 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	171796		
111	40.7	19.6	58.8	
148	64.3	31.8	95.4	





#89

n-Butylbenzene

Concen: 22.27 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

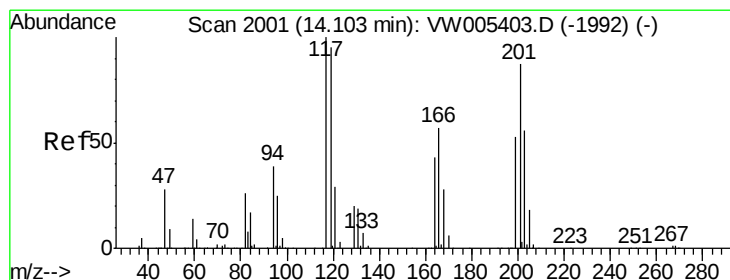
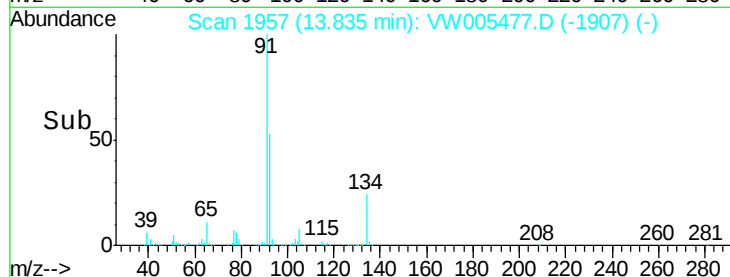
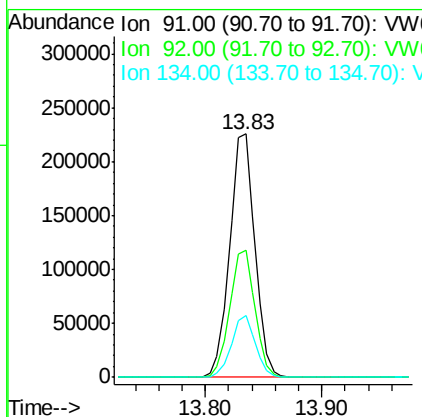
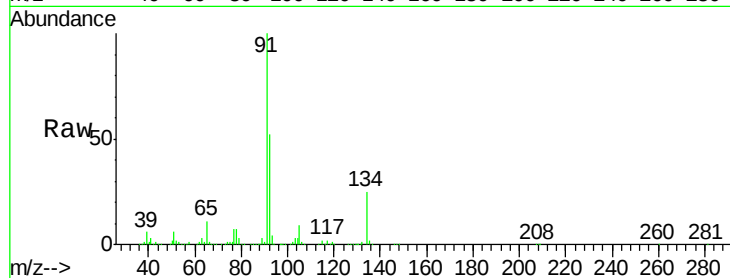
ClientSampleId :

VW0918SBS01

Tot Ion:	91	Resp:	339405
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.2	78.6
134	24.2	12.7	38.1

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#90

Hexachloroethane

Concen: 19.70 ug/l

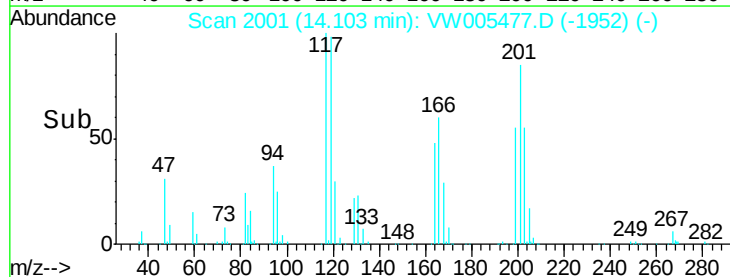
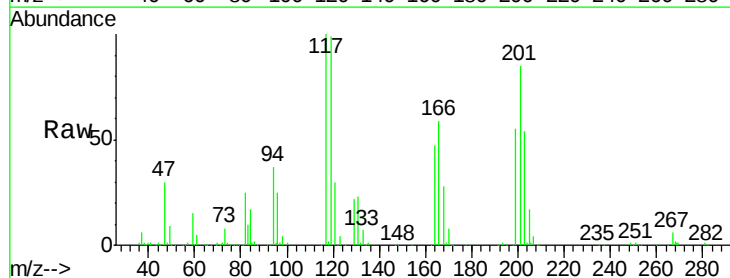
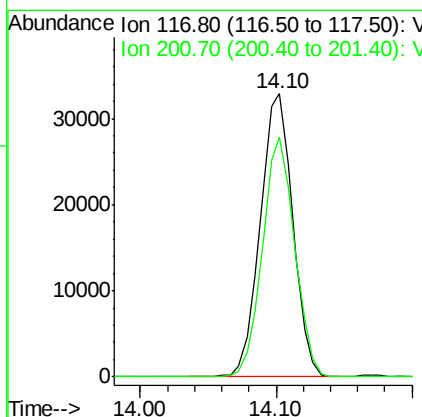
RT: 14.10 min Scan# 2001

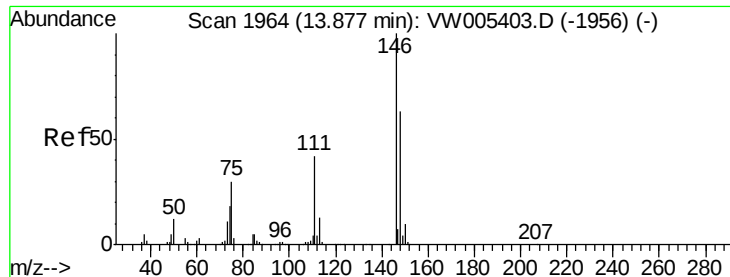
Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	117	Resp:	55260
Ion Ratio	Lower	Upper	
117	100		
201	83.5	42.5	127.5





#91

1,2-Dichlorobenzene

Concen: 20.46 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Instrument :

MSVOA_W

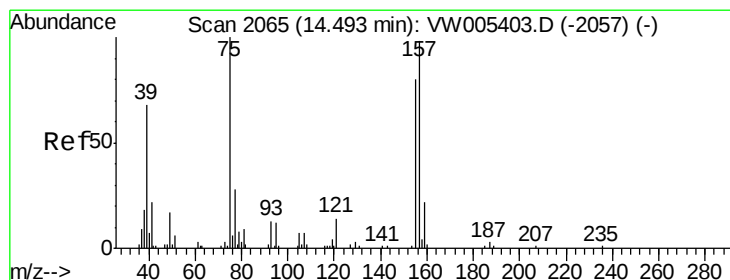
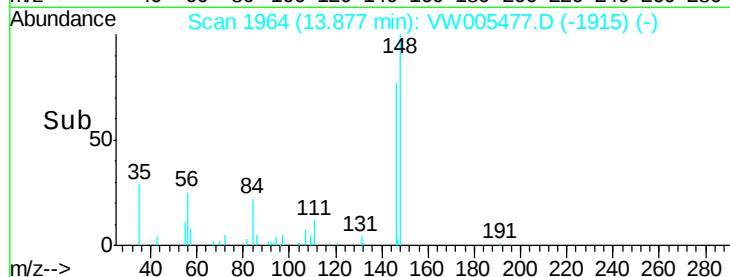
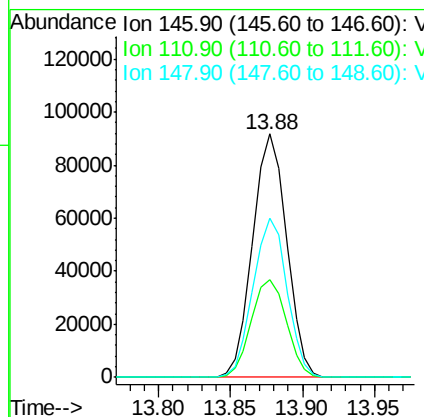
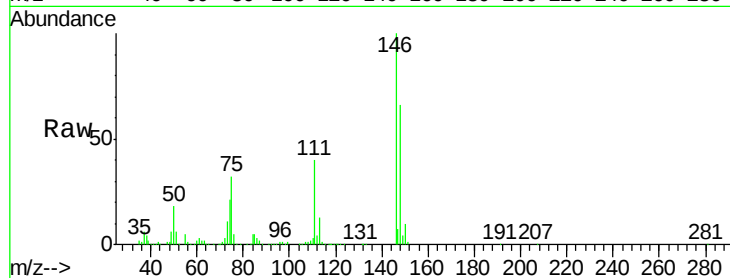
ClientSampleId :

VW0918SBS01

Tot Ion:	146	Resp:	149845
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.0	63.0
148	65.3	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.12 ug/l

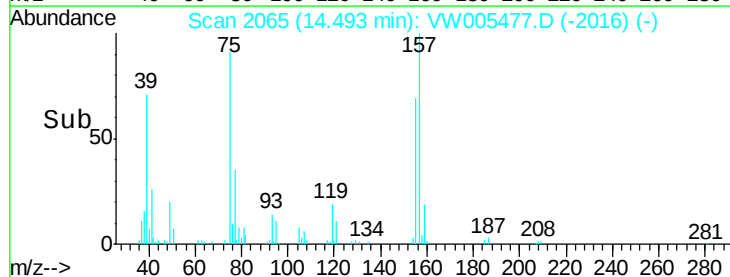
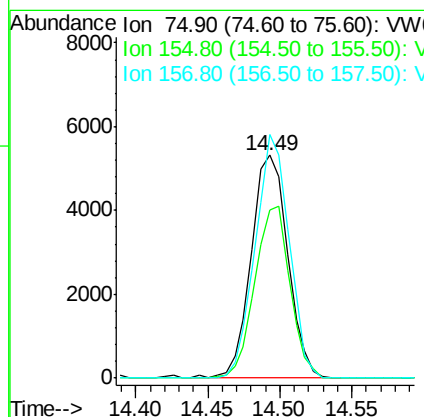
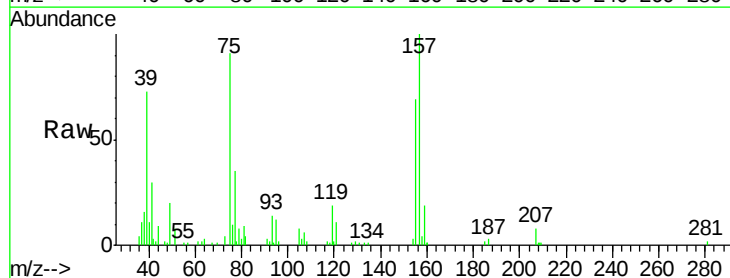
RT: 14.49 min Scan# 2065

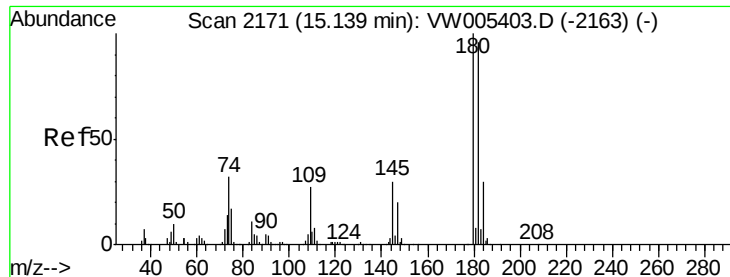
Delta R.T. -0.00 min

Lab File: VW005477.D

Acq: 18 Sep 2018 14:33

Tgt Ion:	75	Resp:	9364
Ion Ratio	Lower	Upper	
75	100		
155	73.9	39.0	117.0
157	100.6	49.9	149.6





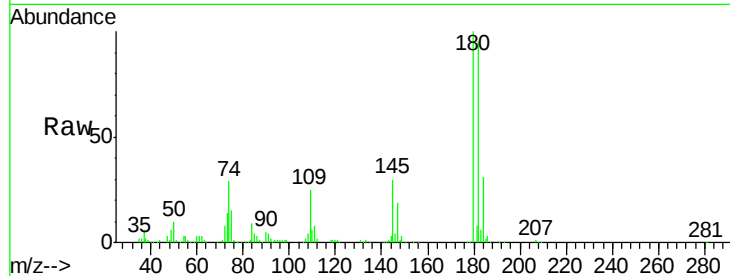
#93
 1,2,4-Trichlorobenzene
 Concen: 20.55 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

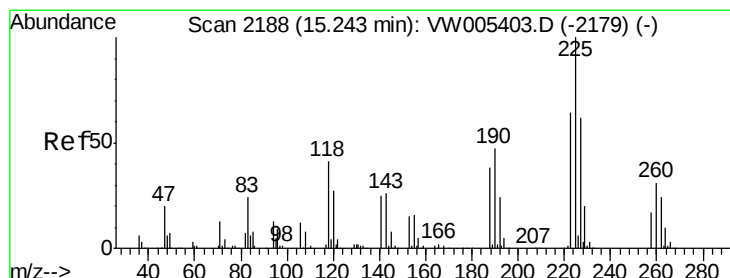
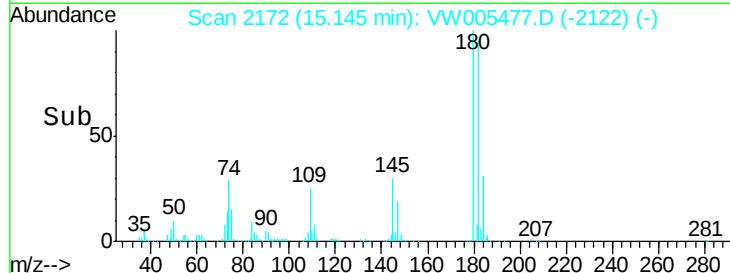
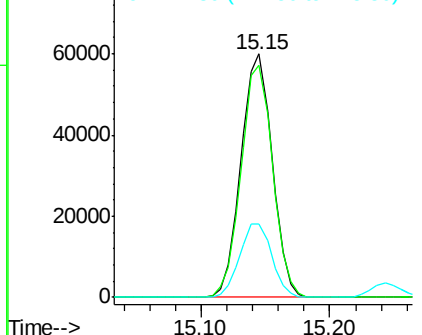
Tot Ion	Ratio	Resp	Lower	Upper
180	100	100454		
182	96.3	47.3	141.9	
145	31.3	14.8	44.3	

Manual Integrations
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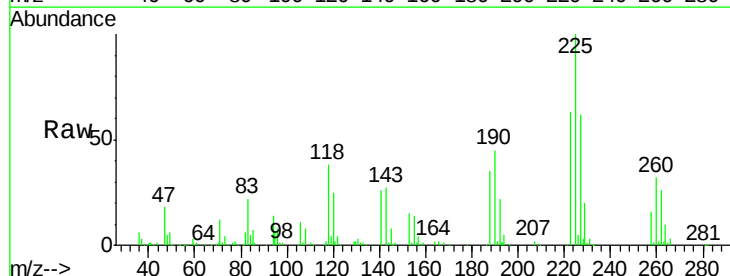


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

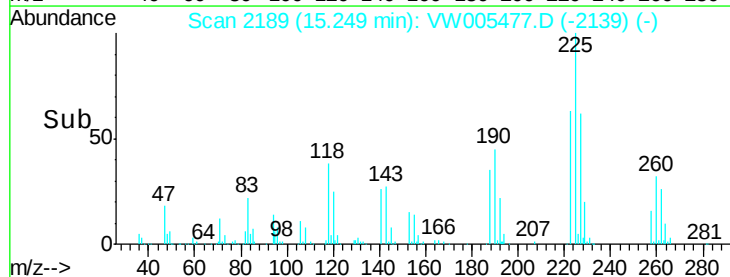
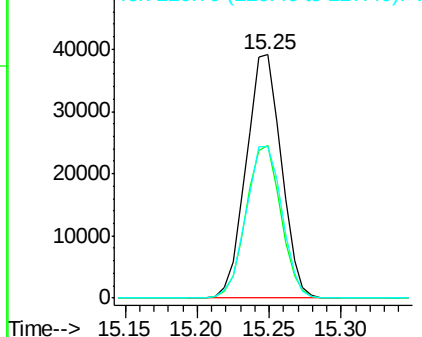


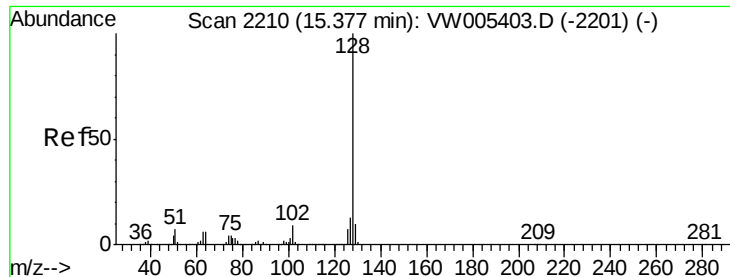
#94
 Hexachlorobutadiene
 Concen: 20.67 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005477.D
 Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65952		
223	62.3	31.2	93.6	
227	63.9	31.6	95.0	



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





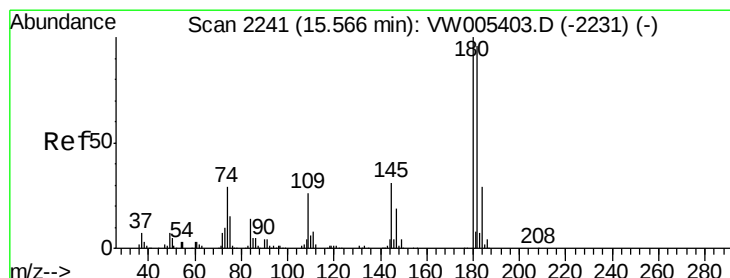
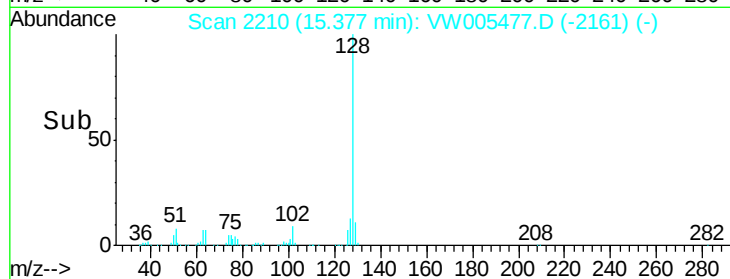
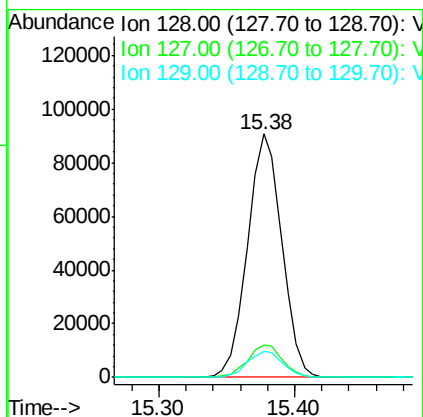
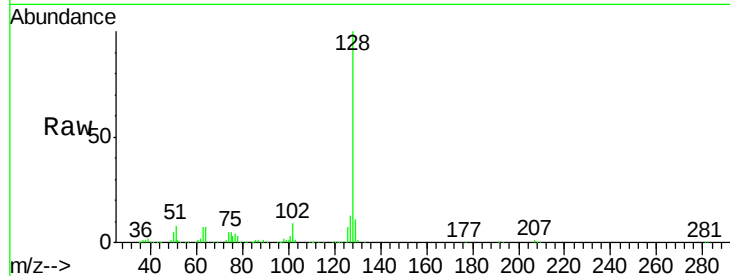
#95
Naphthalene
Concen: 19.69 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	160345		
127	13.6		11.0	16.4
129	10.9		8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 20.52 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005477.D
Acq: 18 Sep 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87540		
182	94.5		48.1	144.4
145	31.3		15.9	47.7

