

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003531.D
 Acq On : 25 Jun 2018 02:17
 Operator : SY/AP
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
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 6/26/2018 4:40:26 PM

Quant Time: Jun 25 05:51:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125001	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.89	113	108695	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.33	98	430108	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	154518	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16504	24.49	ug/l	83
3) Chloromethane	2.21	50	36819	21.62	ug/l	99
4) Vinyl Chloride	2.36	62	50293	20.26	ug/l	98
5) Bromomethane	2.78	94	31777	19.26	ug/l	90
6) Chloroethane	2.92	64	33445	19.35	ug/l	96
7) Trichlorofluoromethane	3.25	101	28433	19.12	ug/l	98
8) Diethyl Ether	3.67	74	25877	23.68	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43375	21.00	ug/l	98
10) Methyl Iodide	4.26	142	67106	21.48	ug/l	99
11) Tert butyl alcohol	5.25	59	17112	132.13	ug/l	97
12) 1,1-Dichloroethene	4.03	96	42689	21.15	ug/l	99
13) Acrolein	3.89	56	14338	77.43	ug/l	95
14) Allyl chloride	4.66	41	75608	21.63	ug/l	99
15) Acrylonitrile	5.38	53	53146	118.23	ug/l	98
16) Acetone	4.15	43	50790	100.28	ug/l	99
17) Carbon Disulfide	4.37	76	122146	20.47	ug/l	99
18) Methyl Acetate	4.68	43	26905	22.39	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85718	22.68	ug/l	98
20) Methylene Chloride	4.91	84	51437	21.84	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46508	21.17	ug/l	99
22) Diisopropyl ether	6.32	45	159128	22.62	ug/l	98
23) Vinyl Acetate	6.26	43	449854	110.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92879	22.24	ug/l	98
25) 2-Butanone	7.19	43	72608	115.29	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51203	18.37	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52598	21.80	ug/l	97
28) Bromochloromethane	7.51	49	35750	20.57	ug/l	96
29) Tetrahydrofuran	7.54	42	46745	121.44	ug/l	98
30) Chloroform	7.68	83	94445	22.19	ug/l	98
31) Cyclohexane	7.95	56	79315	20.33	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73806	21.01	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71829	20.74	ug/l	99
37) Ethyl Acetate	7.26	43	32869	22.91	ug/l	100
38) Carbon Tetrachloride	8.07	117	68646	20.20	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79053	19.73	ug/l	97
40) Benzene	8.32	78	206058	21.58	ug/l	98
41) Methacrylonitrile	7.49	41	19919	22.62	ug/l	98
42) 1,2-Dichloroethane	8.40	62	66930	22.38	ug/l	97
43) Isopropyl Acetate	8.43	43	61645	21.64	ug/l	97
44) Trichloroethene	9.09	130	53719	21.23	ug/l	97
45) 1,2-Dichloropropane	9.37	63	53068	21.83	ug/l	99
46) Dibromomethane	9.46	93	26680	21.44	ug/l	99
47) Bromodichloromethane	9.65	83	68684	21.53	ug/l	99
48) Methyl methacrylate	9.44	41	30093	22.47	ug/l	98
49) 1,4-Dioxane	9.49	88	9101	484.32	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	167451	115.34	ug/l	100
52) Toluene	10.39	92	131055	21.41	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66718	20.47	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	75281	20.30	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37514	21.39	ug/l	98
56) Ethyl methacrylate	10.65	69	46267	21.73	ug/l	97
57) 1,3-Dichloropropane	10.94	76	66652	22.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	105696	110.71	ug/l	99
59) 2-Hexanone	10.98	43	112810	111.23	ug/l	100
60) Dibromochloromethane	11.13	129	44001	21.10	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36450	21.97	ug/l	100
64) Tetrachloroethene	10.87	164	50267	22.60	ug/l	98
65) Chlorobenzene	11.66	112	143237	20.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	49333	20.27	ug/l	99
67) Ethyl Benzene	11.74	91	250060	20.37	ug/l	99
68) m/p-Xylenes	11.85	106	194129	41.60	ug/l	99
69) o-Xylene	12.17	106	89145	20.61	ug/l	97
70) Styrene	12.19	104	151423	21.04	ug/l	100
71) Bromoform	12.35	173	26452	20.97	ug/l #	99
73) Isopropylbenzene	12.47	105	250908	20.39	ug/l	99
74) N-amyl acetate	12.28	43	60580	21.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44936	21.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32768m	21.67	ug/l	
77) Bromobenzene	12.76	156	59693	20.83	ug/l	98
78) n-propylbenzene	12.81	91	311315	20.66	ug/l	99
79) 2-Chlorotoluene	12.90	91	177546	20.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215638	20.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12653	19.25	ug/l	98
82) 4-Chlorotoluene	12.99	91	187242	20.73	ug/l	100
83) tert-Butylbenzene	13.21	119	179950	20.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	222269	20.92	ug/l	100
85) sec-Butylbenzene	13.39	105	267721	20.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	232224	20.13	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	121062	20.57	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120779	20.64	ug/l	98
89) n-Butylbenzene	13.84	91	224719	19.98	ug/l	99
90) Hexachloroethane	14.10	117	42214	20.22	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	109325	21.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8064	23.02	ug/l	94

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ClientSampleId :
VW0624SBSD02

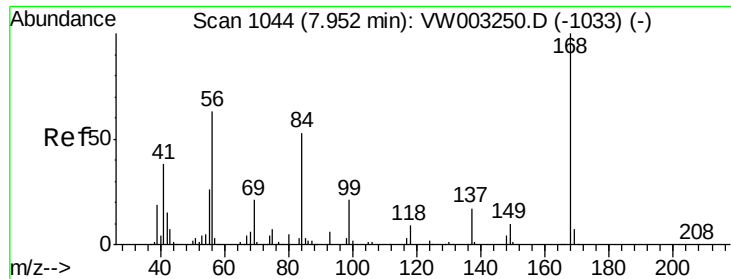
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Quant Time: Jun 25 05:51:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75776	20.93	ug/l	98
94) Hexachlorobutadiene	15.25	225	43610	20.03	ug/l	98
95) Naphthalene	15.38	128	133088	21.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67187	21.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion:168 Resp: 222951

Ion Ratio Lower Upper

168 100

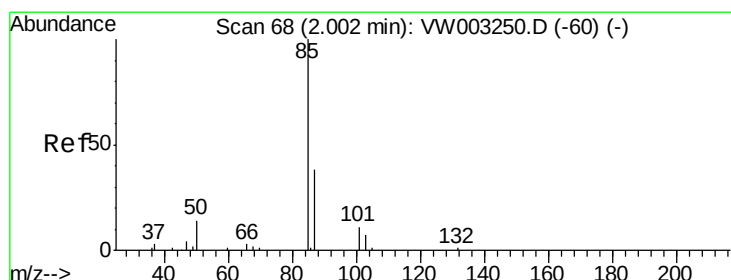
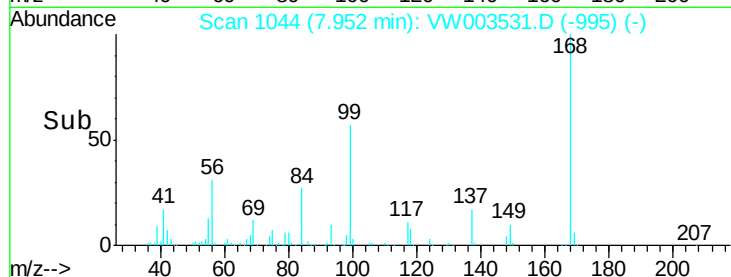
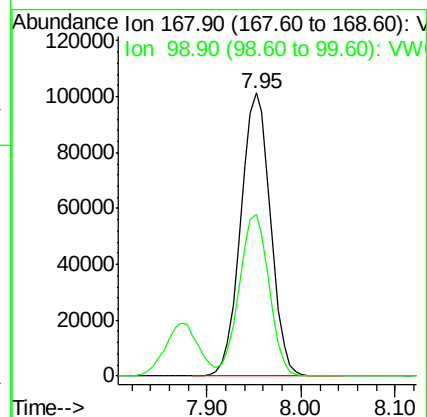
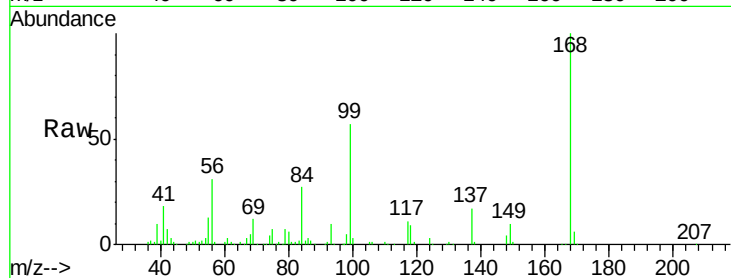
99 57.3 45.5 68.3

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#2

Dichlorodifluoromethane

Concen: 24.49 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003531.D

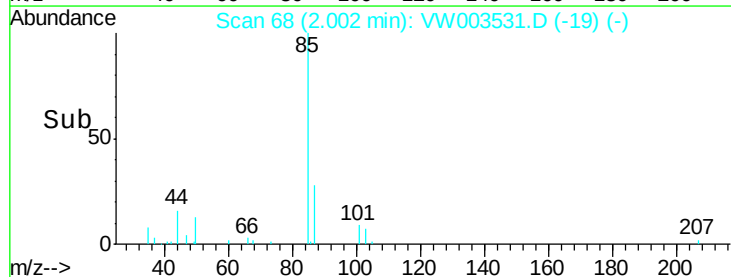
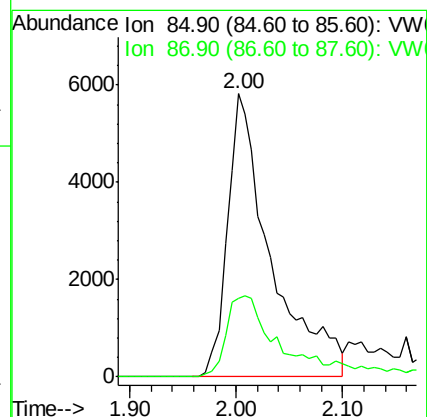
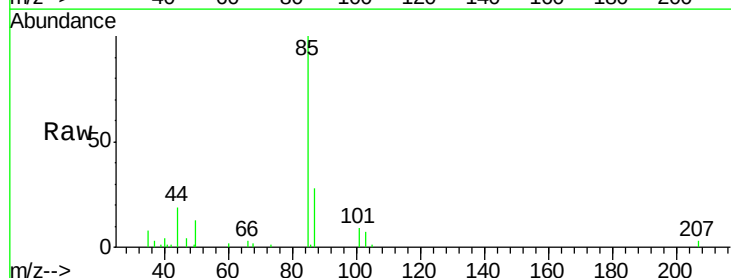
Acq: 25 Jun 2018 02:17

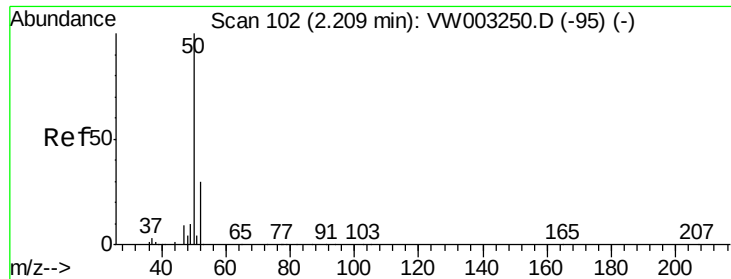
Tgt Ion: 85 Resp: 16504

Ion Ratio Lower Upper

85 100

87 27.8 18.9 56.7





#3

Chloromethane

Concen: 21.62 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 50 Resp: 36819

Ion Ratio Lower Upper

50 100

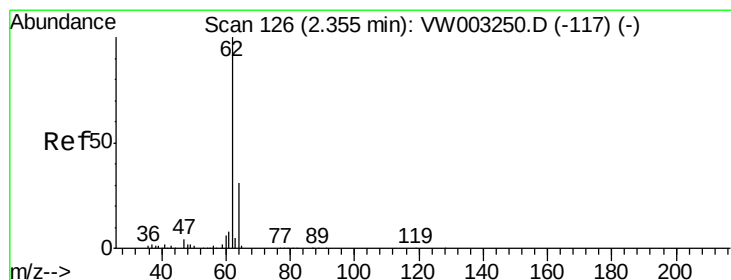
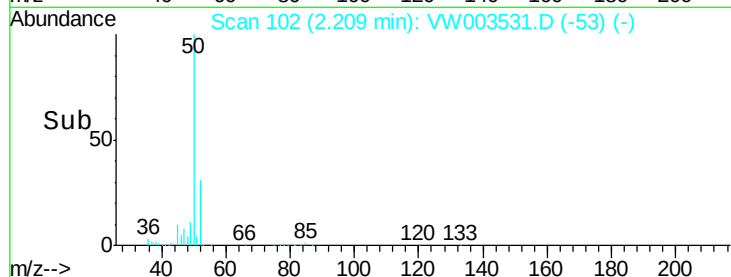
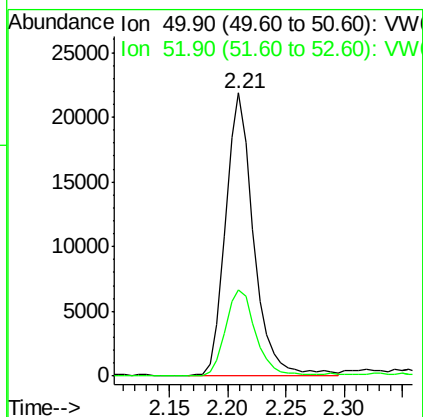
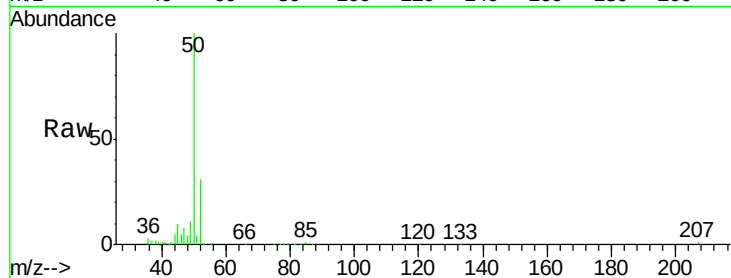
52 30.5 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.26 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003531.D

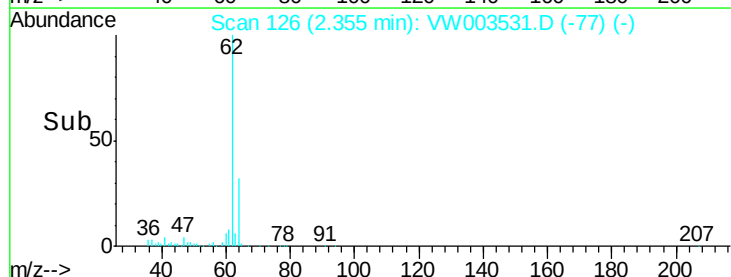
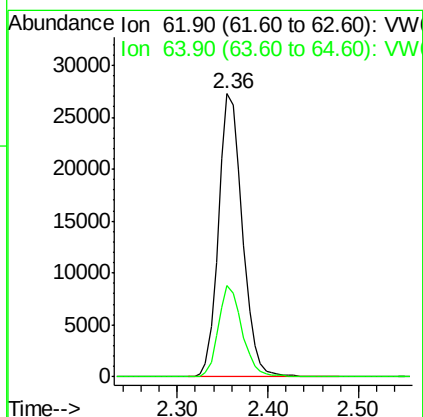
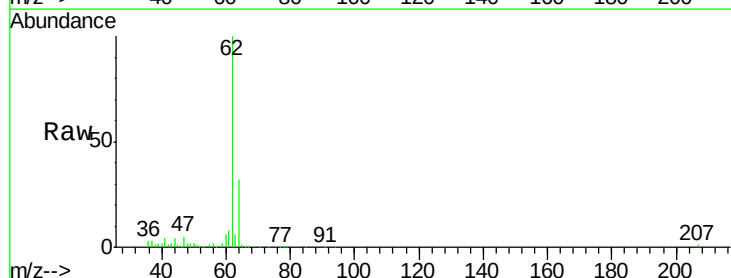
Acq: 25 Jun 2018 02:17

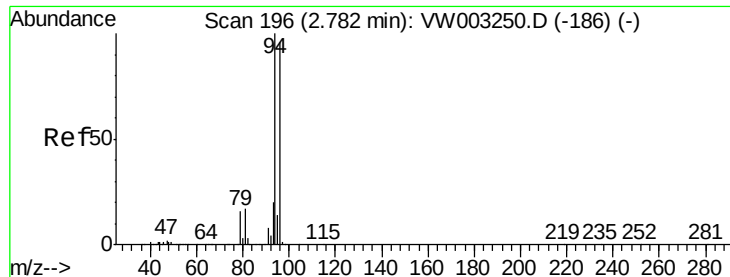
Tgt Ion: 62 Resp: 50293

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3





#5

Bromomethane

Concen: 19.26 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 94 Resp: 31777

Ion Ratio Lower Upper

94 100

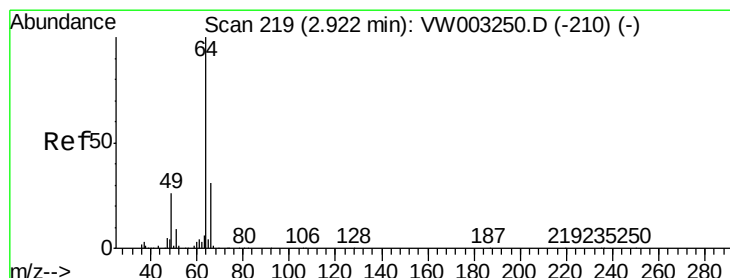
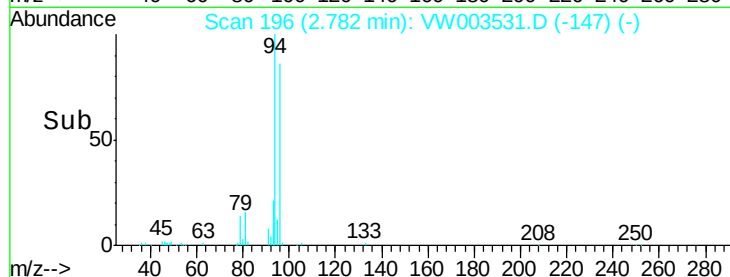
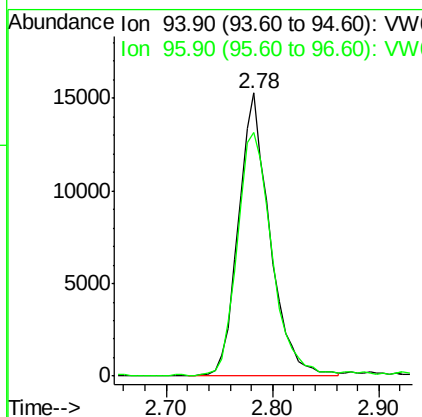
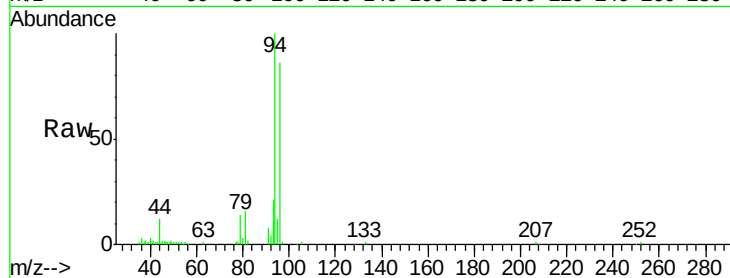
96 85.7 76.5 114.7

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#6

Chloroethane

Concen: 19.35 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003531.D

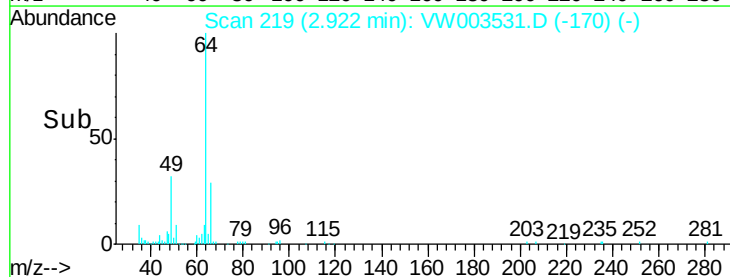
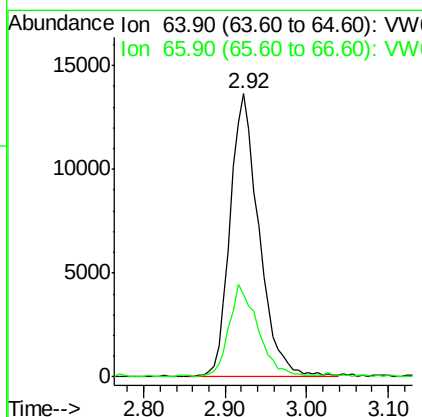
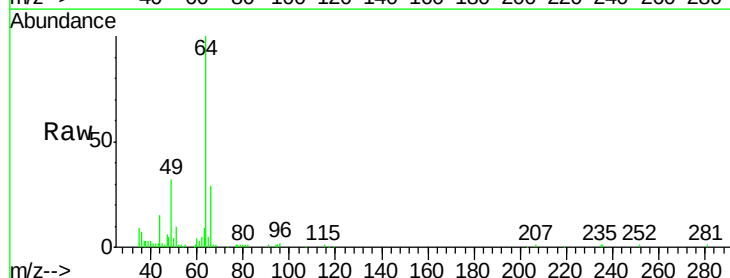
Acq: 25 Jun 2018 02:17

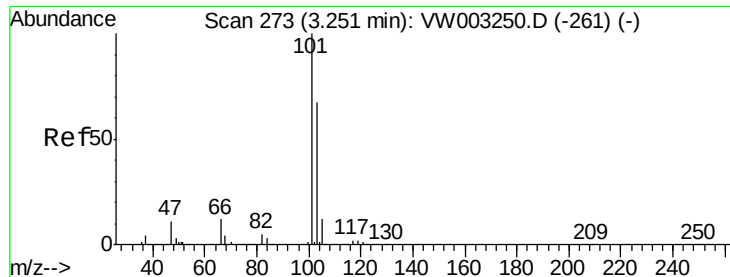
Tgt Ion: 64 Resp: 33445

Ion Ratio Lower Upper

64 100

66 28.6 24.4 36.6





#7

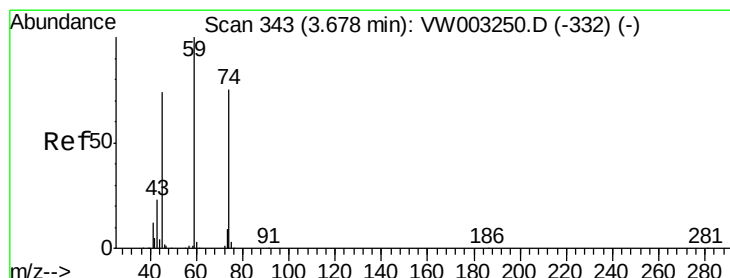
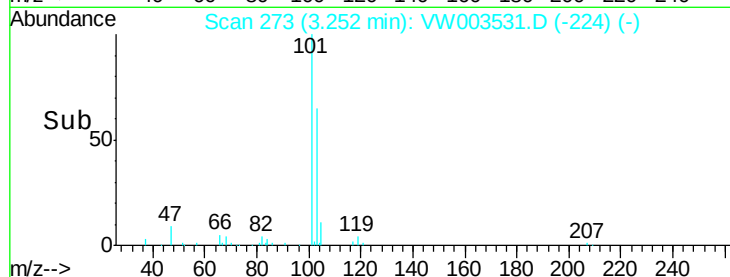
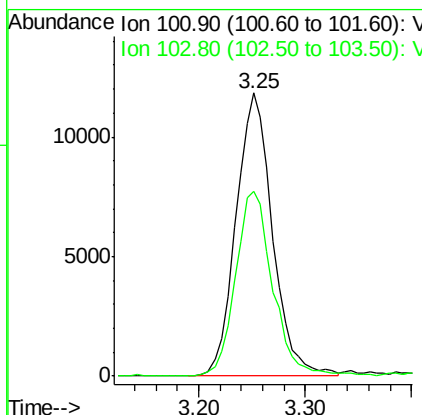
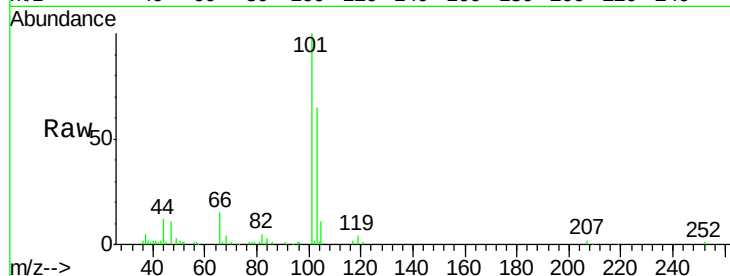
Trichlorofluoromethane
 Concen: 19.12 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
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 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	53.4	80.0

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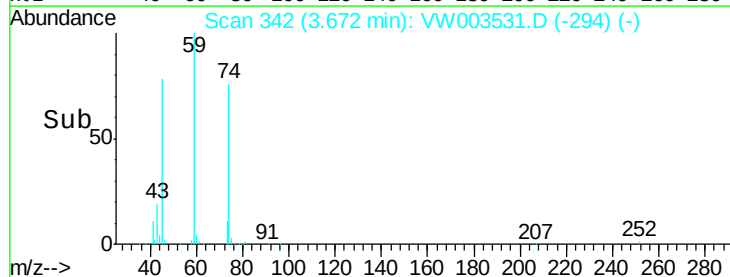
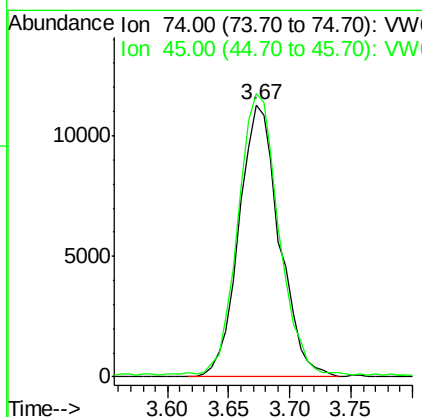
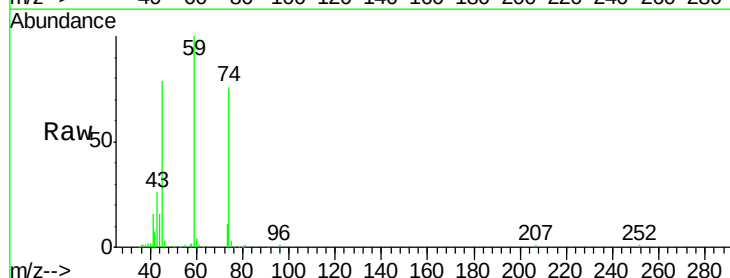
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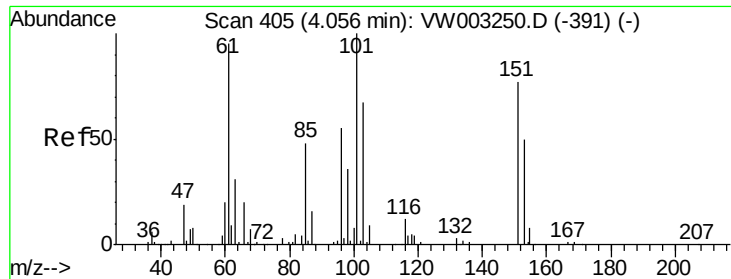


#8

Diethyl Ether
 Concen: 23.68 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.00 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

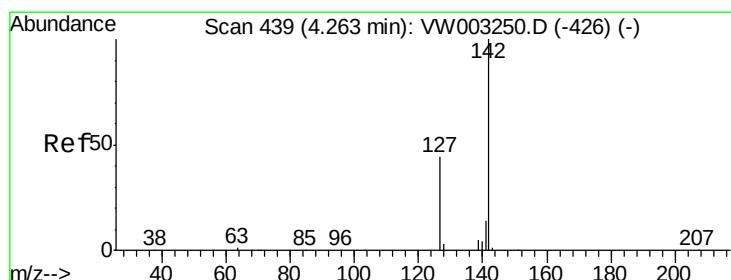
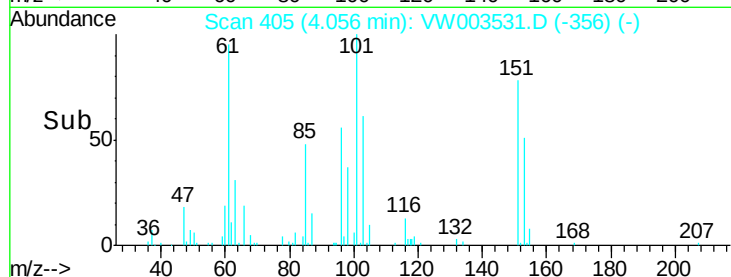
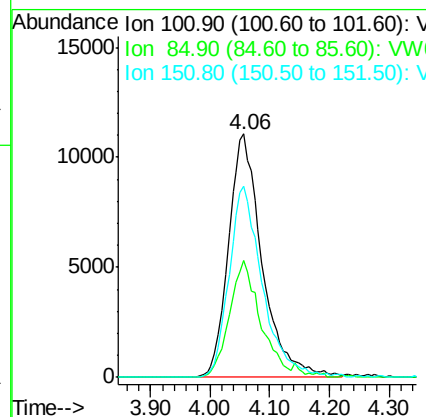
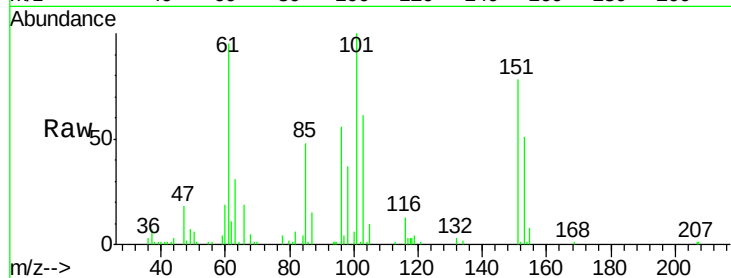
ClientSampleId :

VW0624SBSD02

Tot Ion:	101	Resp:	43375
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.0	55.6
151	77.6	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.48 ug/l

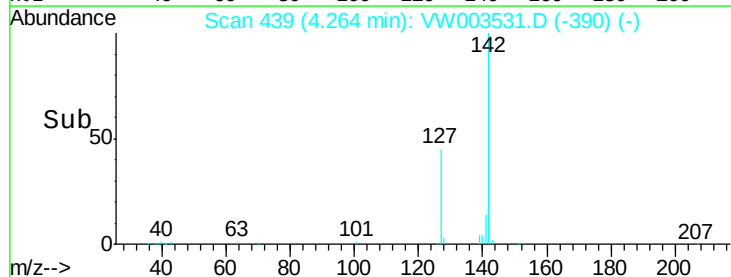
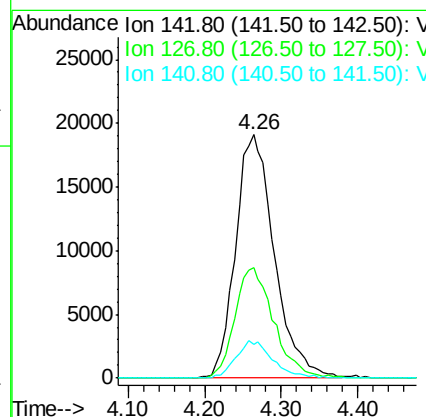
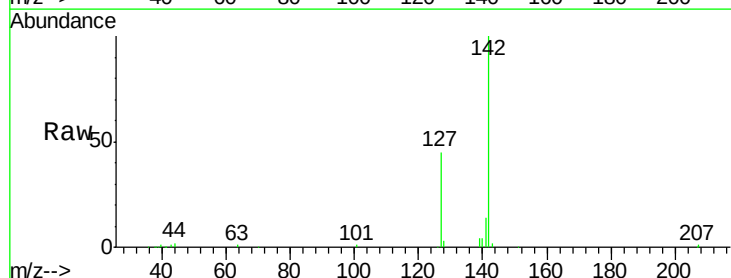
RT: 4.26 min Scan# 439

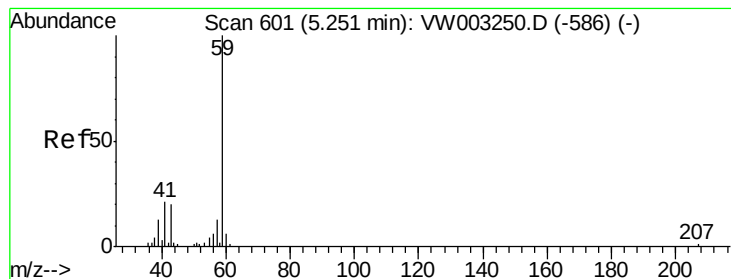
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	142	Resp:	67106
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.5	54.7
141	14.7	12.1	18.1





#11

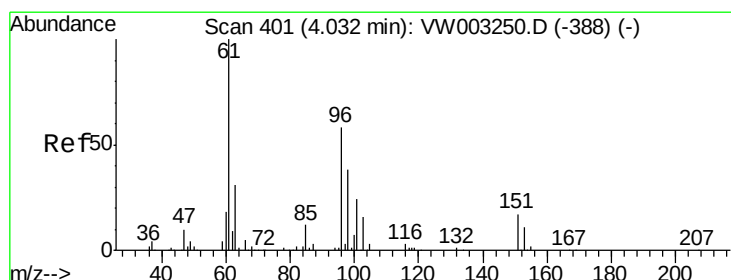
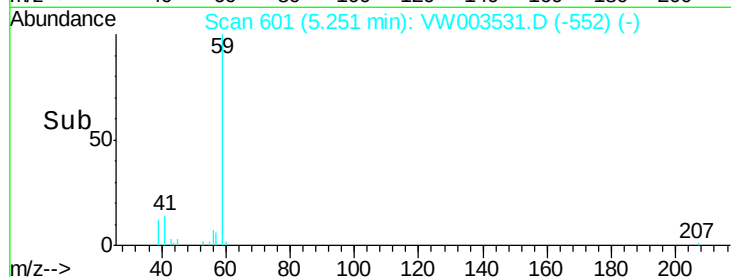
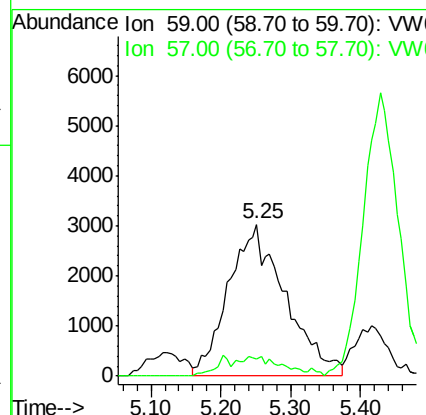
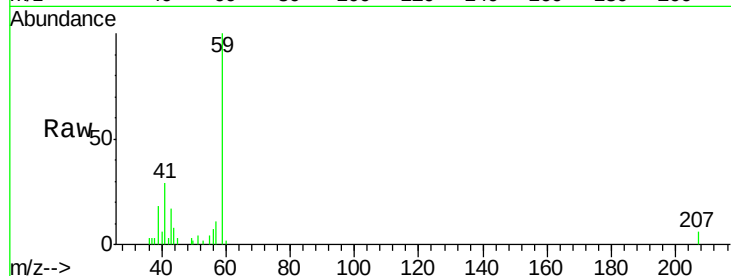
Tert butyl alcohol
Concen: 132.13 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	59	Resp	17112
Ion Ratio	100	Lower	Upper
57	6.2	4.2	6.2

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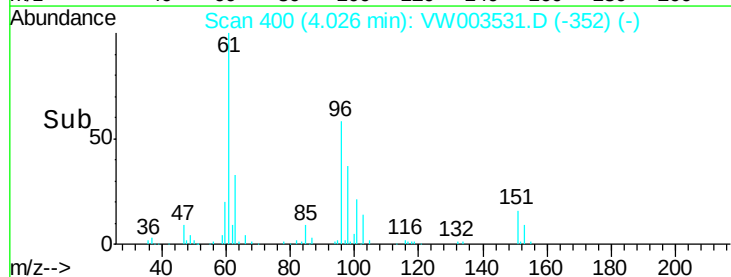
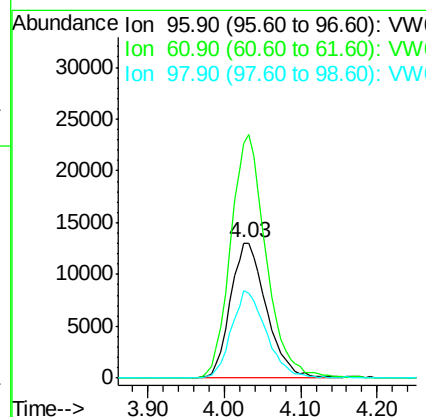
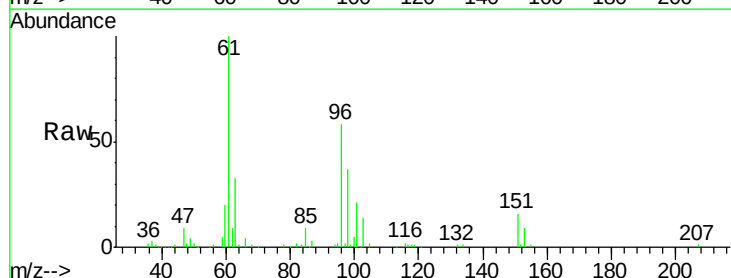
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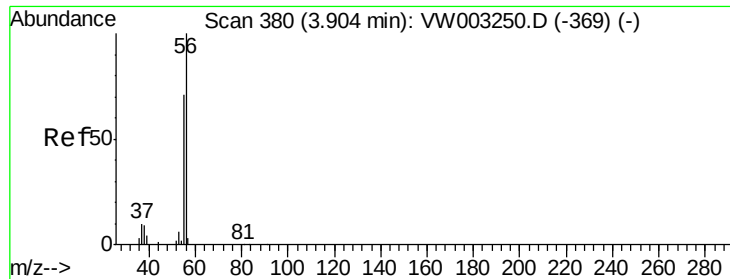


#12

1,1-Dichloroethene
Concen: 21.15 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	96	Resp	42689
Ion Ratio	100	Lower	Upper
61	173.2	139.0	208.4
98	64.5	53.3	79.9





#13

Acrolein

Concen: 77.43 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 56 Resp: 14338

Ion Ratio Lower Upper

56 100

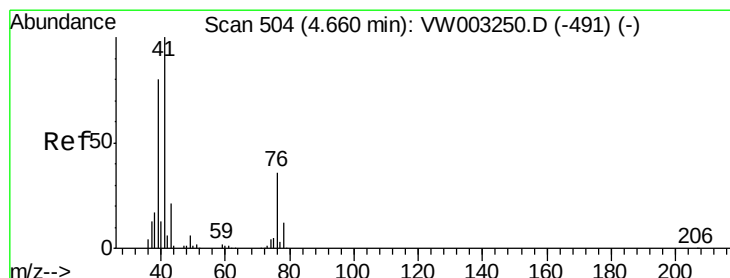
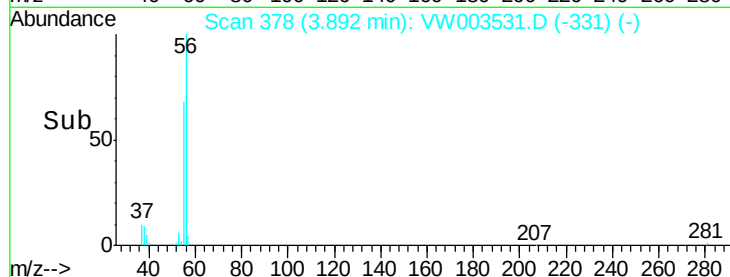
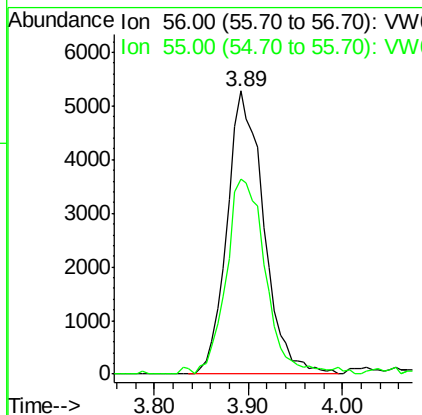
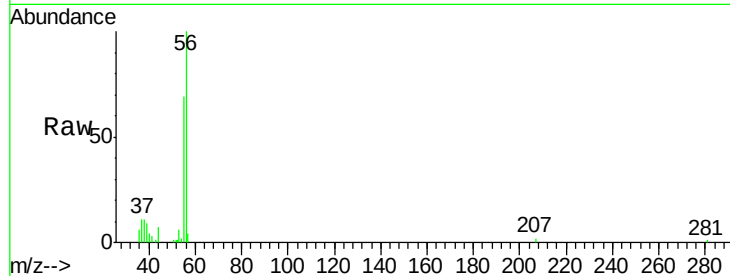
55 73.7 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.63 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

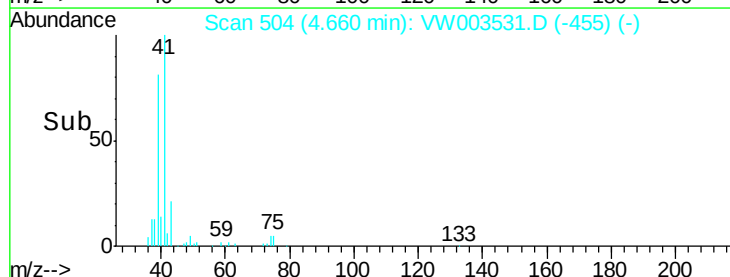
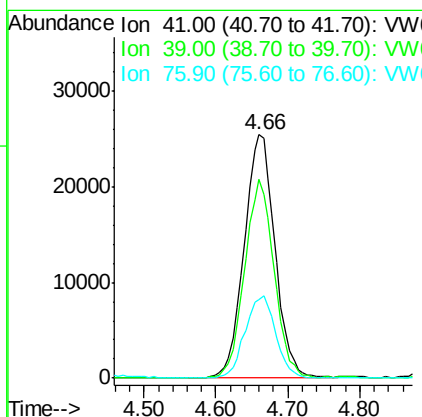
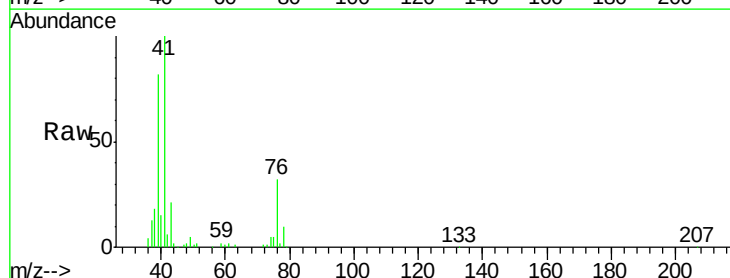
Tgt Ion: 41 Resp: 75608

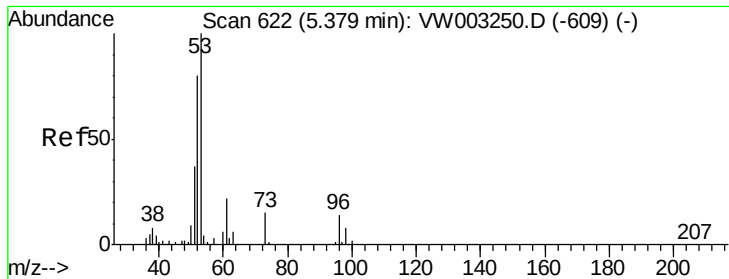
Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 33.7 28.0 42.0





#15

Acrylonitrile

Concen: 118.23 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

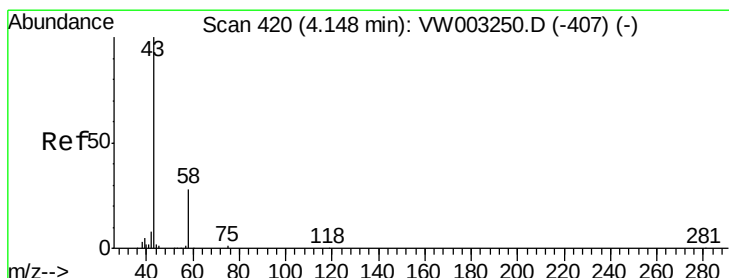
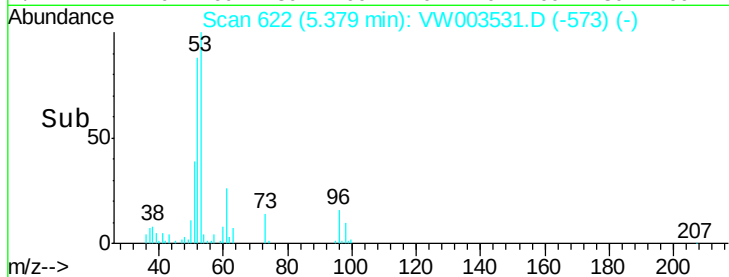
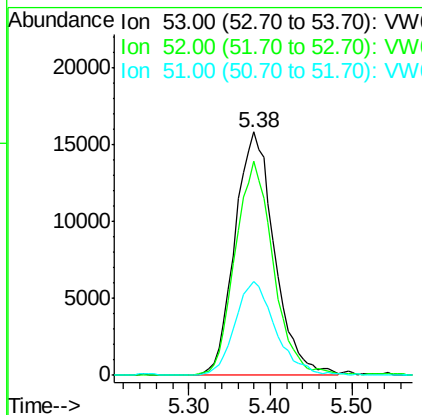
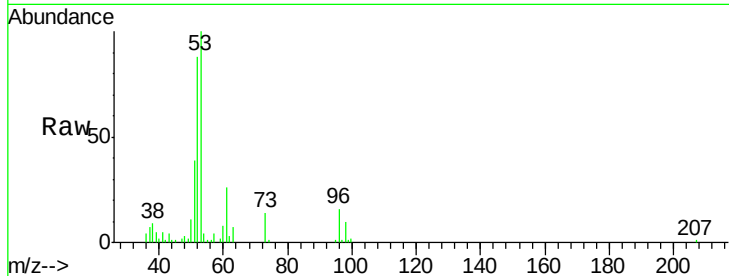
ClientSampleId :

VW0624SBSD02

Tot Ion:	53	Resp:	53146
Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.6	100.0
51	39.2	30.6	46.0

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#16

Acetone

Concen: 100.28 ug/l

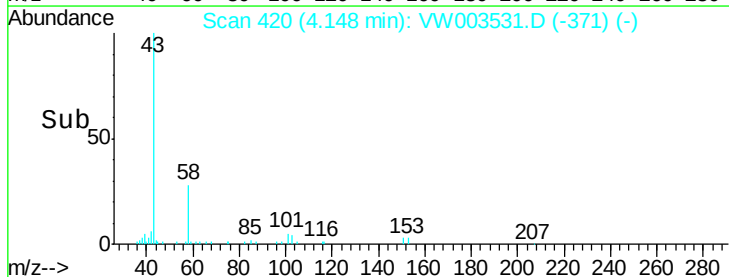
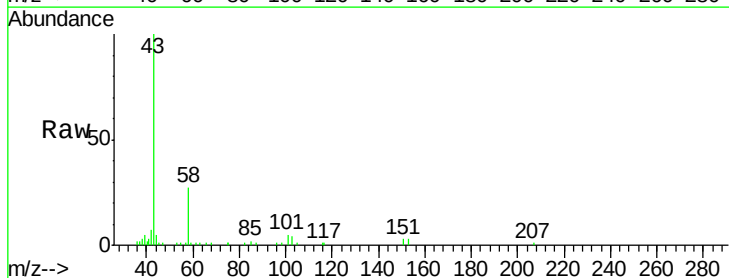
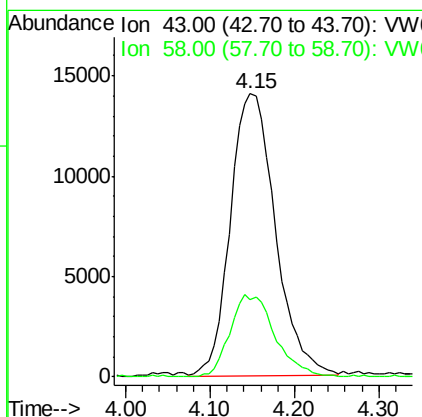
RT: 4.15 min Scan# 420

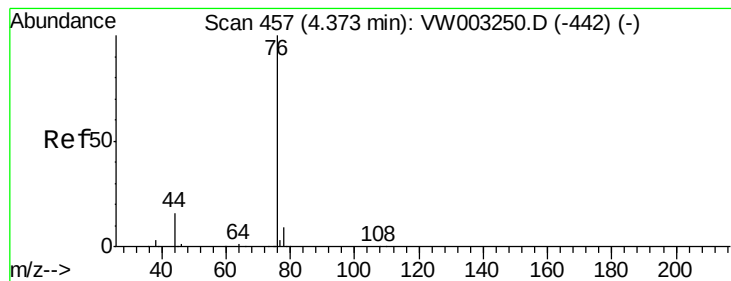
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	43	Resp:	50790
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.6	34.0





#17

Carbon Disulfide

Concen: 20.47 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 76 Resp: 122146

Ion Ratio Lower Upper

76 100

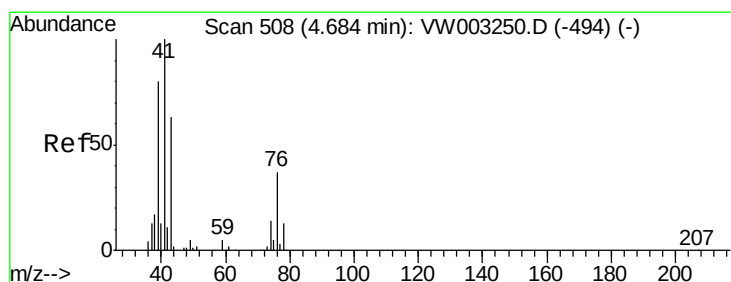
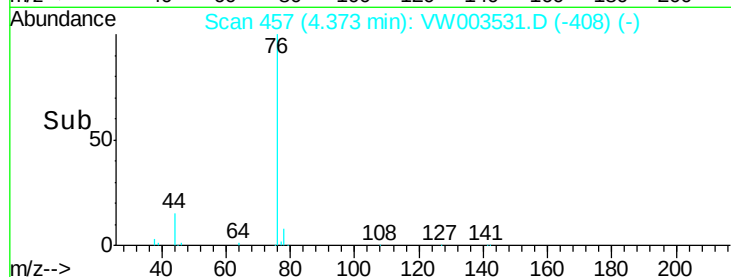
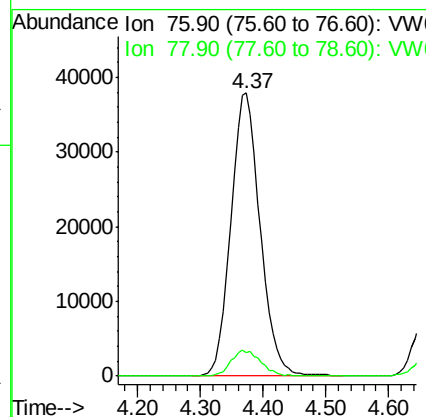
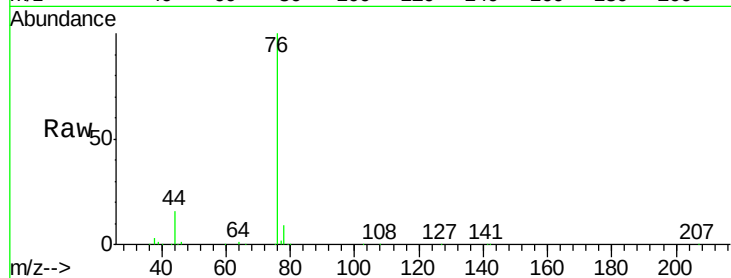
78 8.5 7.1 10.7

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#18

Methyl Acetate

Concen: 22.39 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003531.D

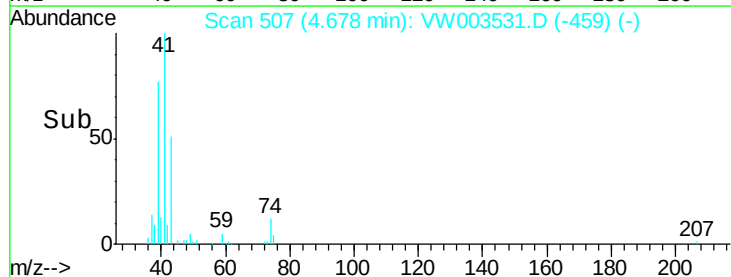
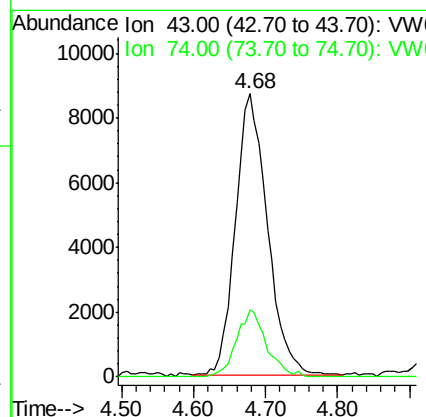
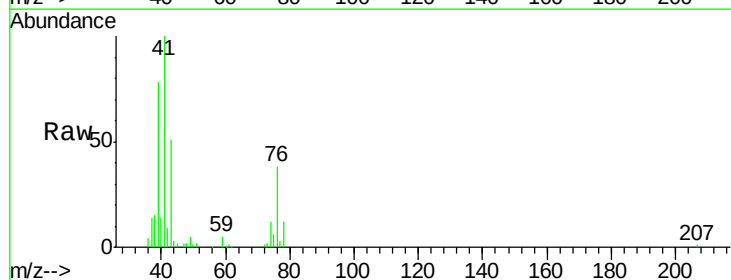
Acq: 25 Jun 2018 02:17

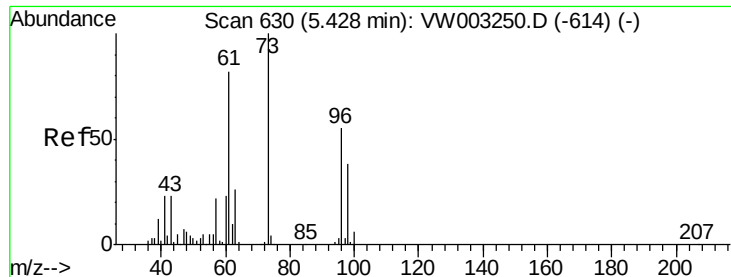
Tgt Ion: 43 Resp: 26905

Ion Ratio Lower Upper

43 100

74 22.3 18.7 28.1





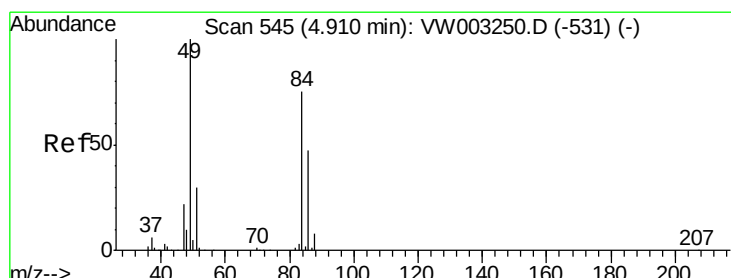
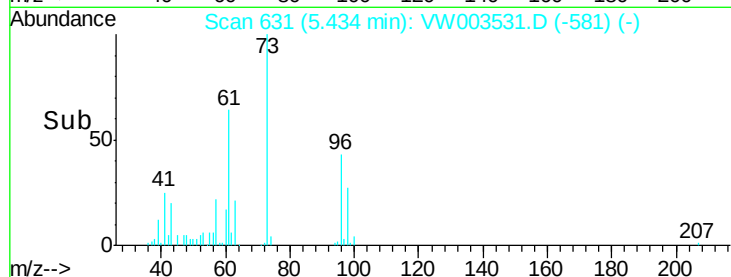
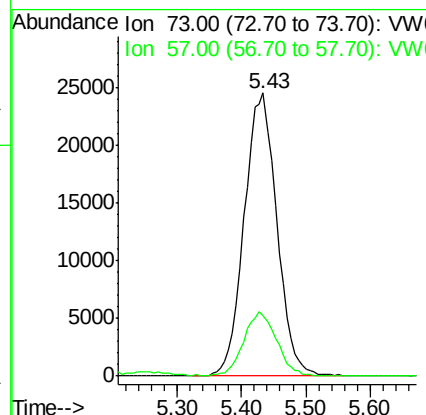
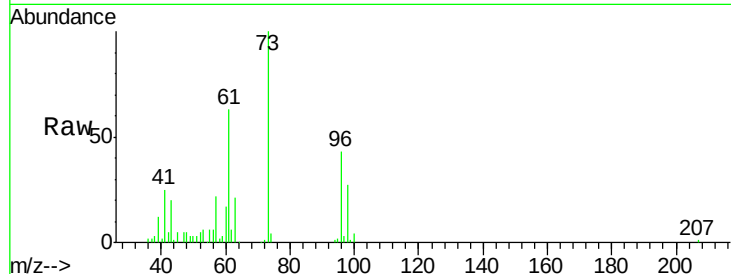
#19
Methyl tert-butyl Ether
Concen: 22.68 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion: 73 Resp: 85718
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0

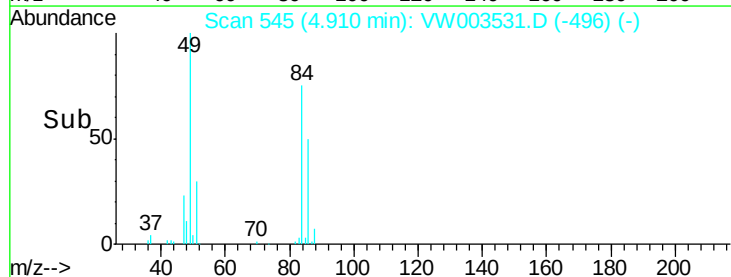
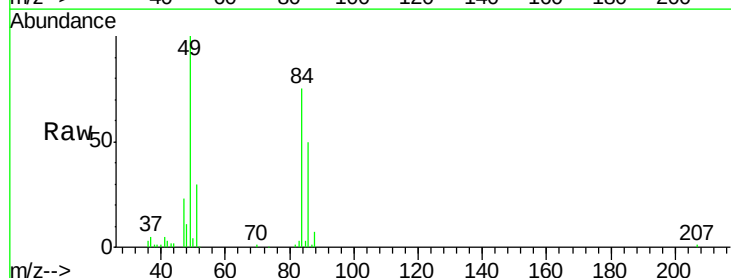
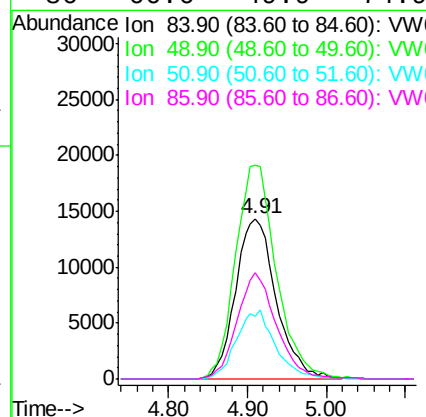
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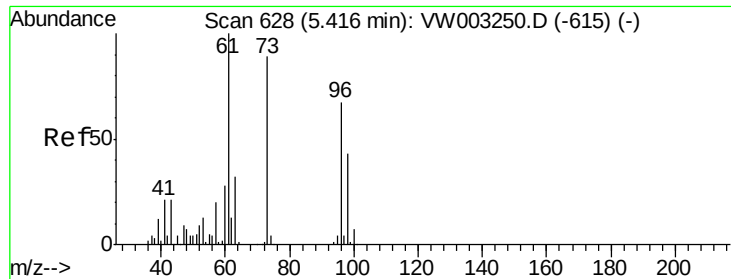
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#20
Methylene Chloride
Concen: 21.84 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 84 Resp: 51437
Ion Ratio Lower Upper
84 100
49 133.5 106.3 159.5
51 39.5 32.0 48.0
86 66.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.17 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

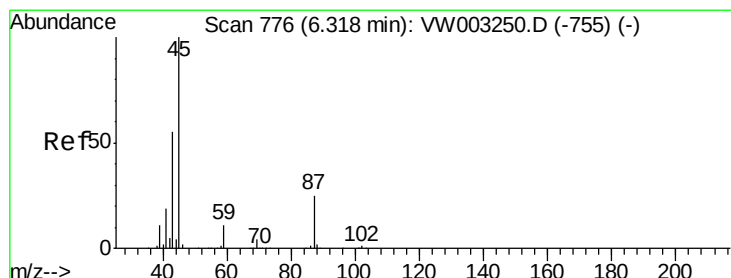
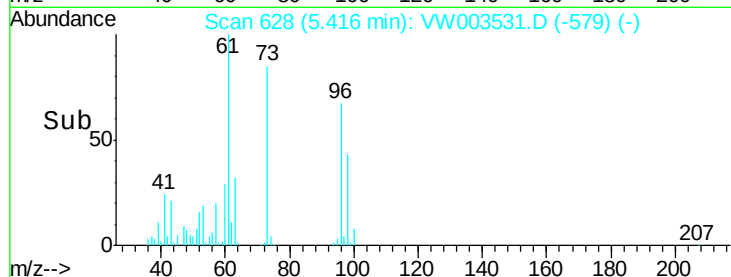
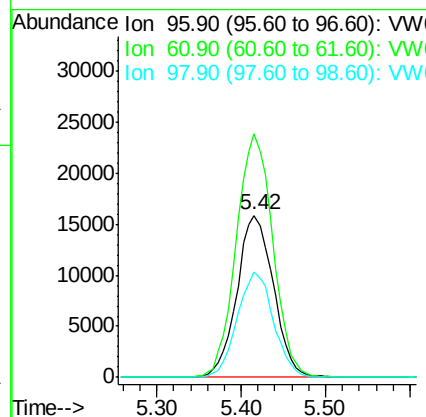
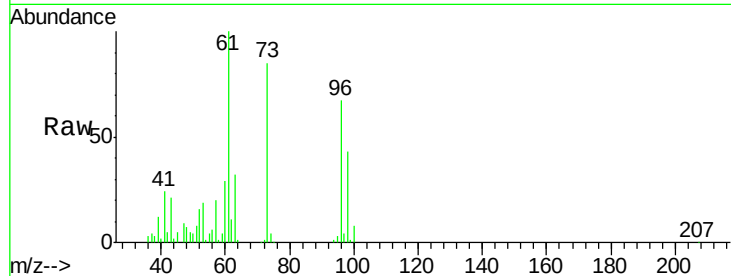
ClientSampleId :

VW0624SBSD02

Tot Ion:	96	Resp:	46508
Ion	Ratio	Lower	Upper
96	100		
61	150.0	118.7	178.1
98	64.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.62 ug/l

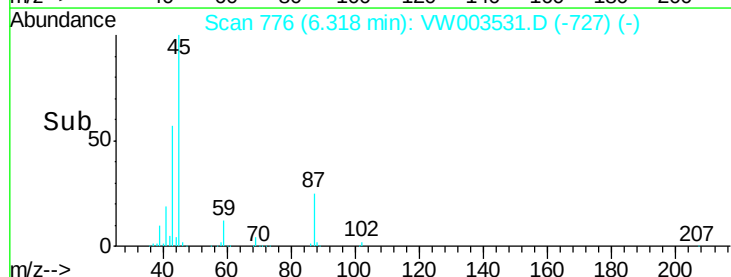
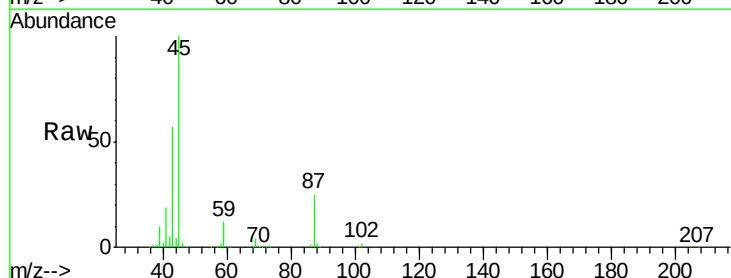
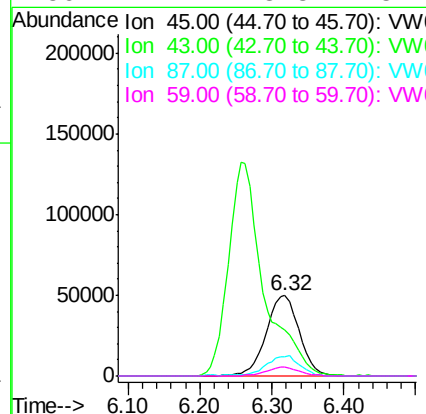
RT: 6.32 min Scan# 776

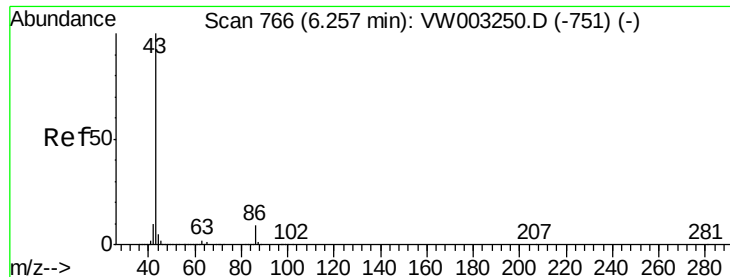
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	45	Resp:	159128
Ion	Ratio	Lower	Upper
45	100		
43	56.8	44.0	66.0
87	24.5	20.6	31.0
59	11.4	8.8	13.2





#23

Vinyl Acetate

Concen: 110.95 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 43 Resp: 449854

Ion Ratio Lower Upper

43 100

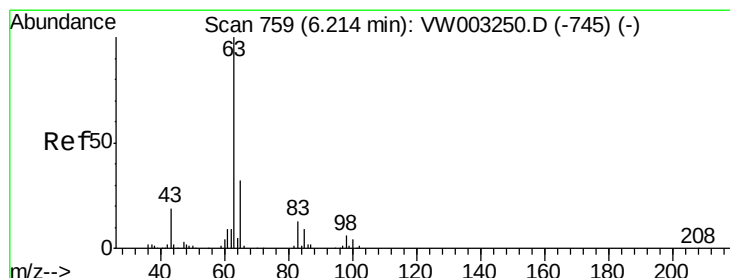
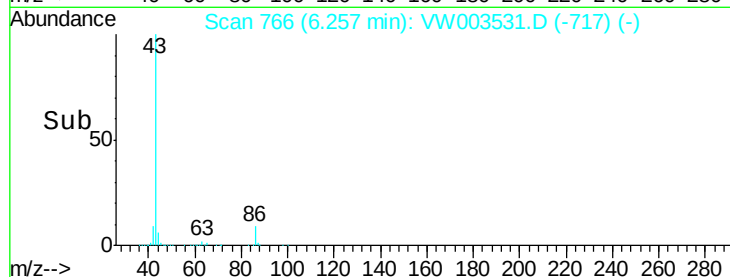
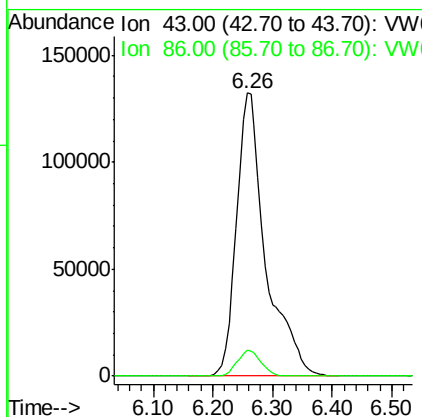
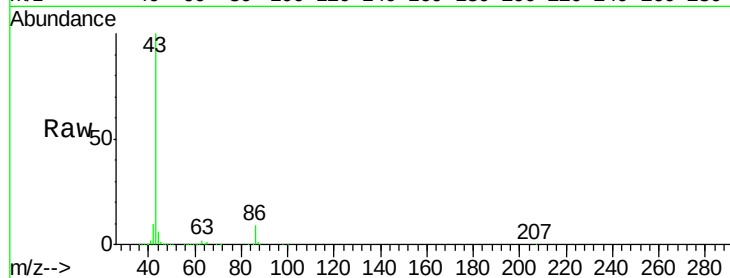
86 9.3 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 22.24 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

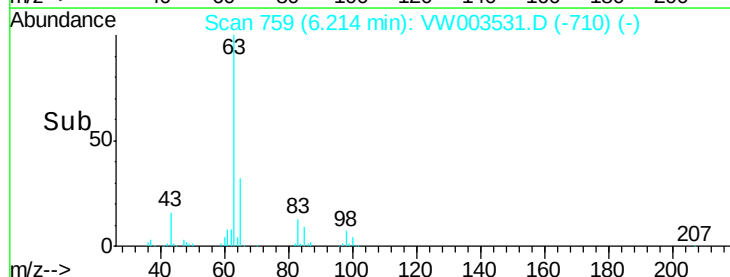
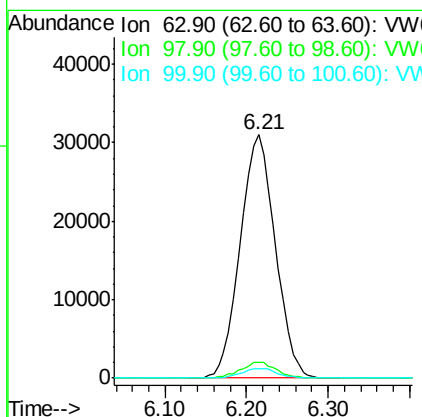
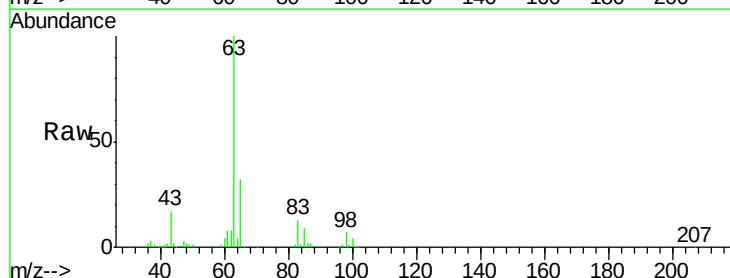
Tgt Ion: 63 Resp: 92879

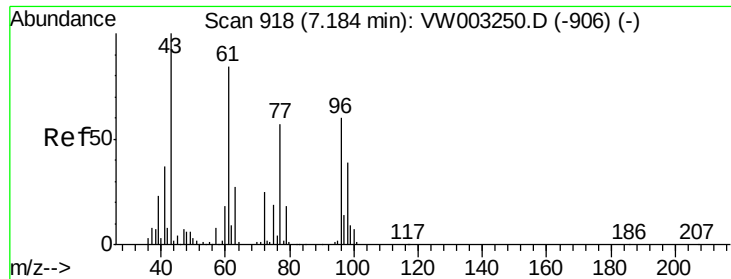
Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 115.29 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 43 Resp: 72608

Ion Ratio Lower Upper

43 100

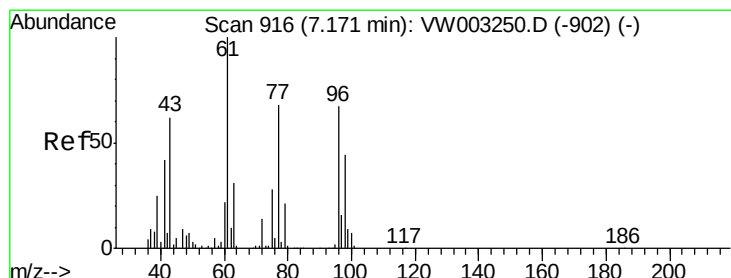
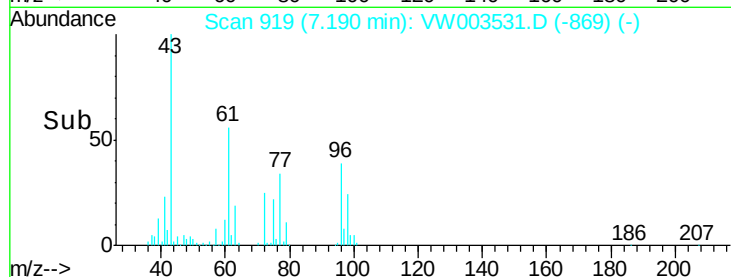
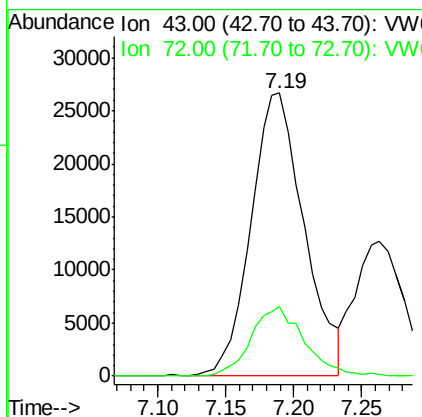
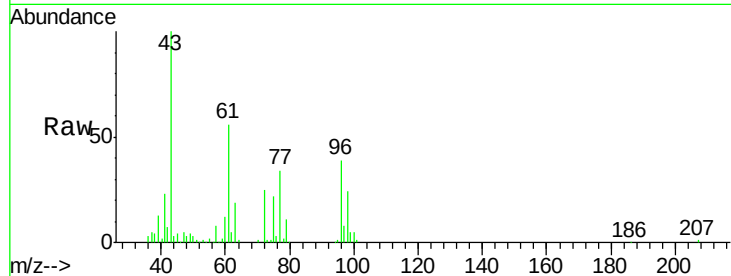
72 24.6 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 18.37 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003531.D

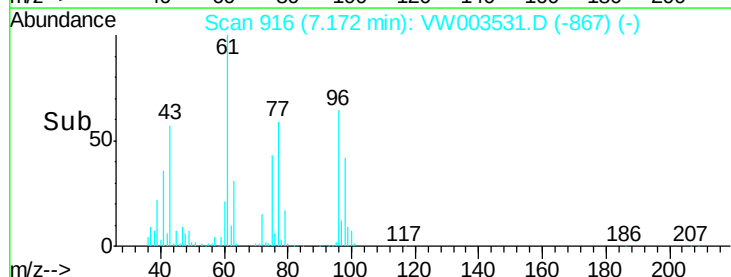
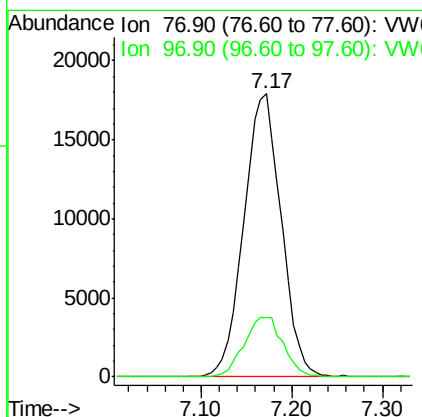
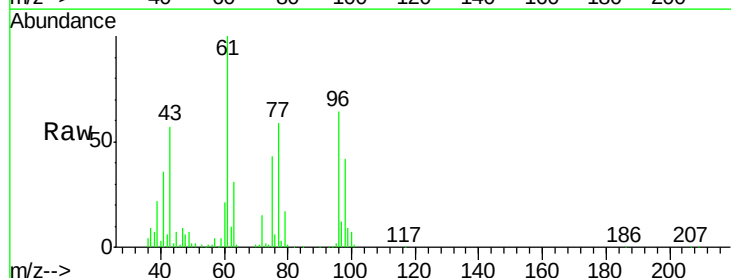
Acq: 25 Jun 2018 02:17

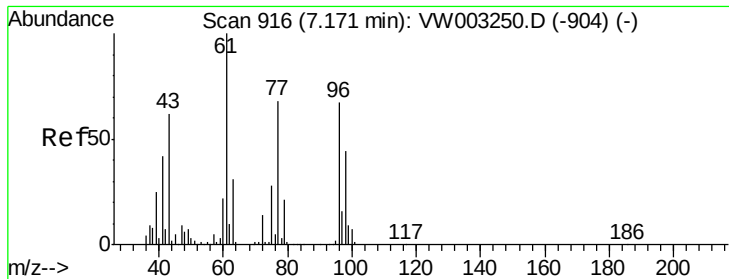
Tgt Ion: 77 Resp: 51203

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9





#27

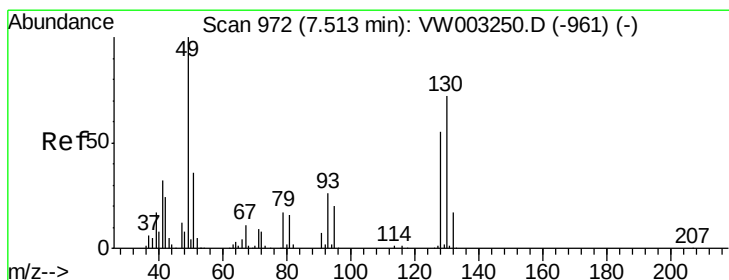
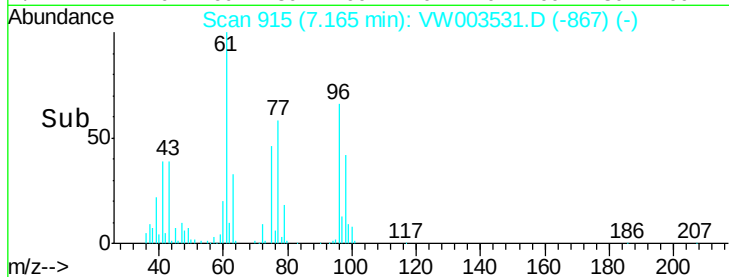
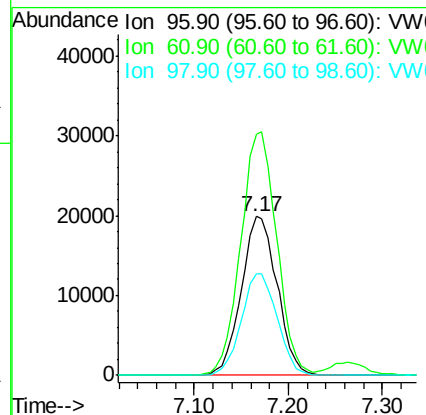
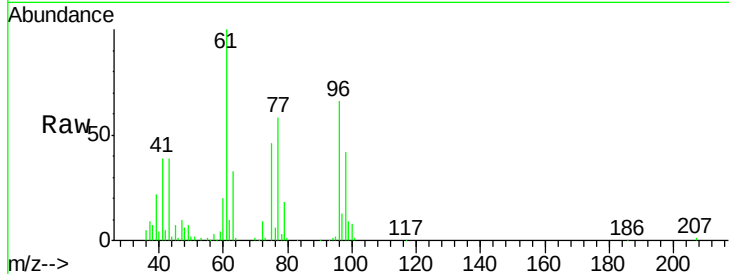
cis-1,2-Dichloroethene
 Concen: 21.80 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	298.8
98	63.9	0.0	130.4

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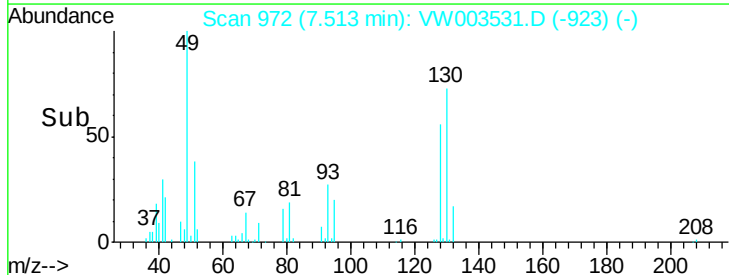
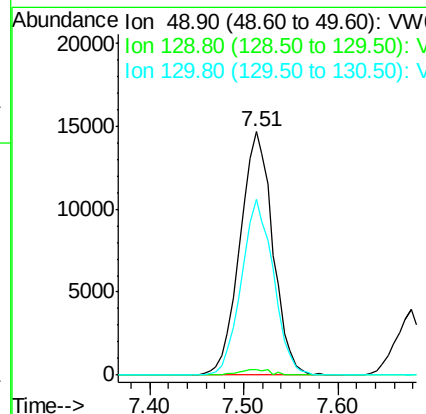
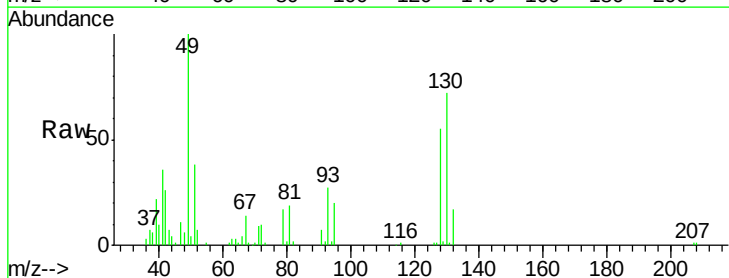
apatel
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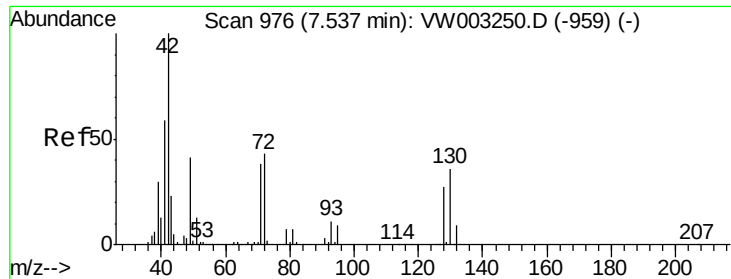


#28

Bromochloromethane
 Concen: 20.57 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	70.8	59.4	89.2





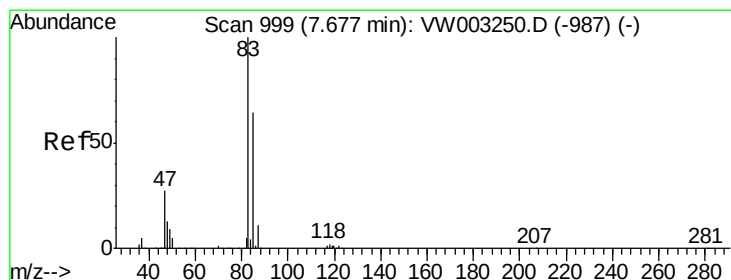
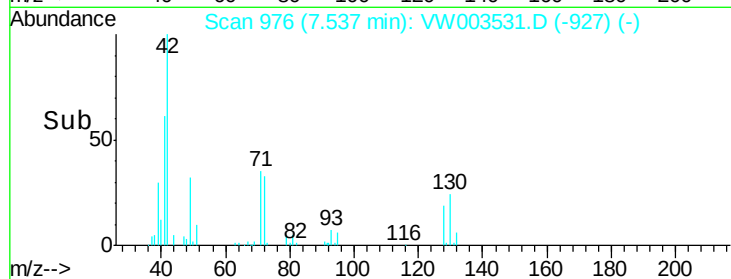
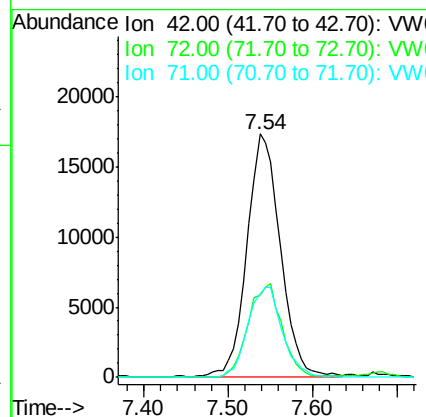
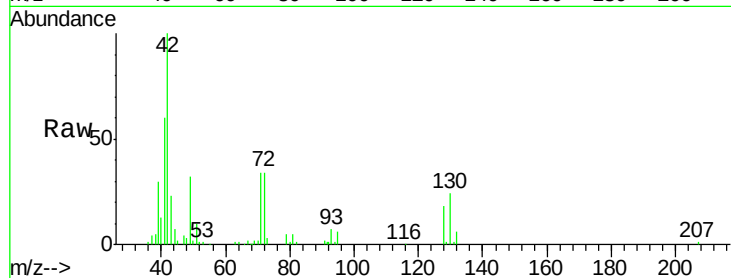
#29
Tetrahydrofuran
Concen: 121.44 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.4	48.6
71	38.1	31.2	46.8

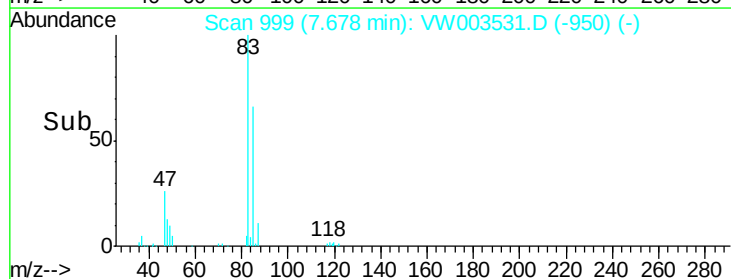
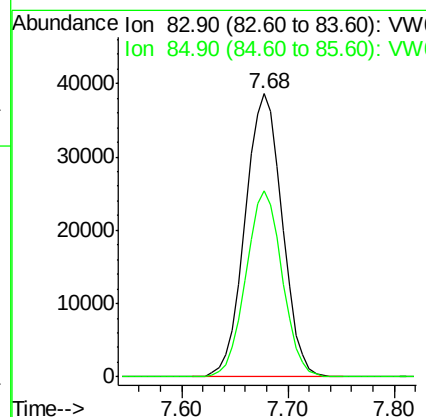
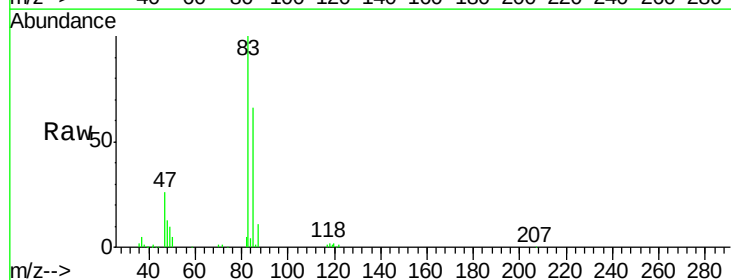
Manual Integrations
APPROVED

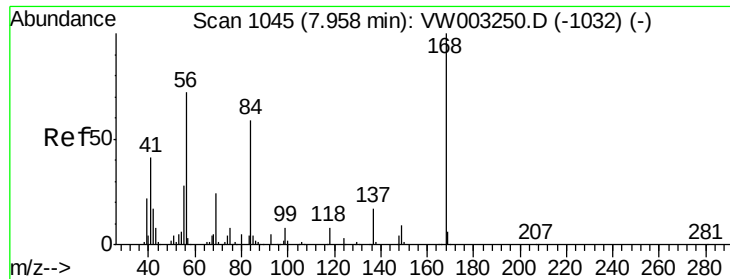
apatel
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#30
Chloroform
Concen: 22.19 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.3	76.9





#31

Cyclohexane

Concen: 20.33 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

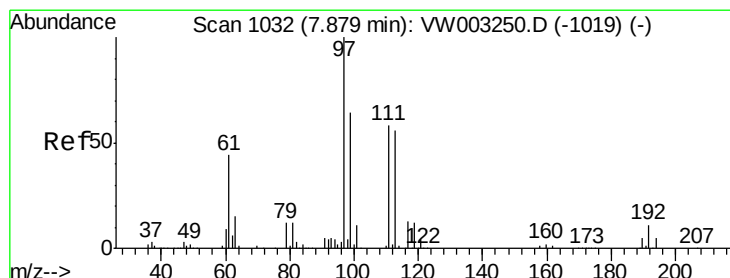
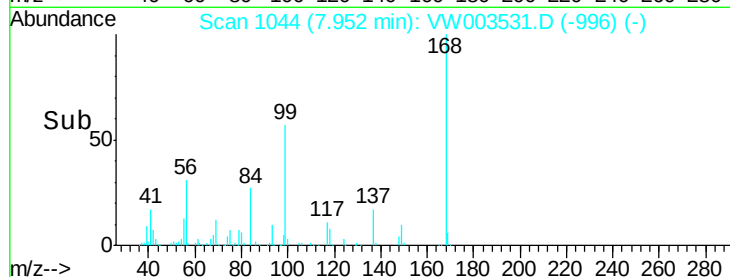
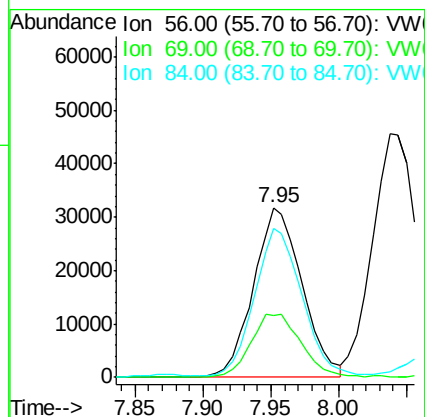
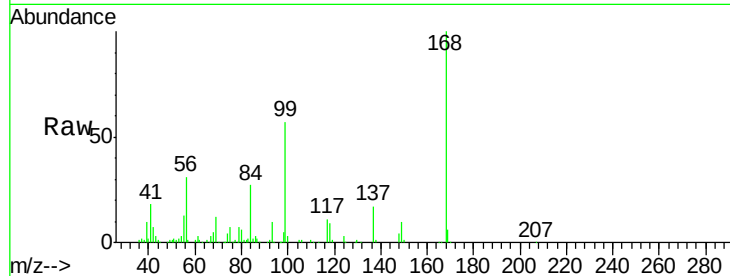
ClientSampleId :

VW0624SBSD02

Tot Ion:	56	Resp:	79315
Ion	Ratio	Lower	Upper
56	100		
69	36.7	26.3	39.5
84	86.7	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.01 ug/l

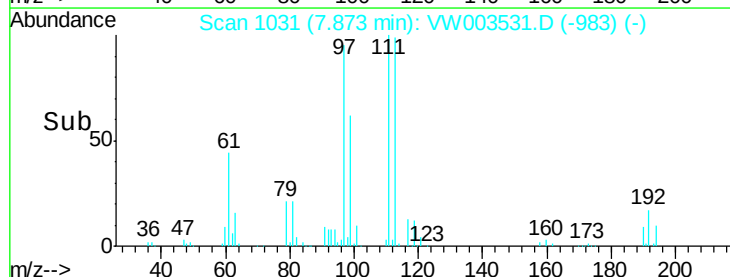
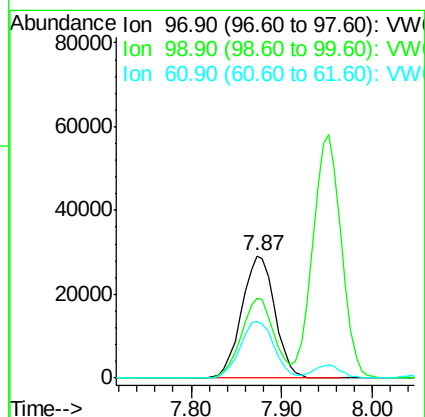
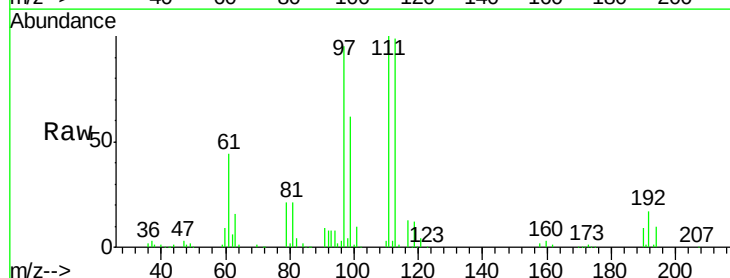
RT: 7.87 min Scan# 1031

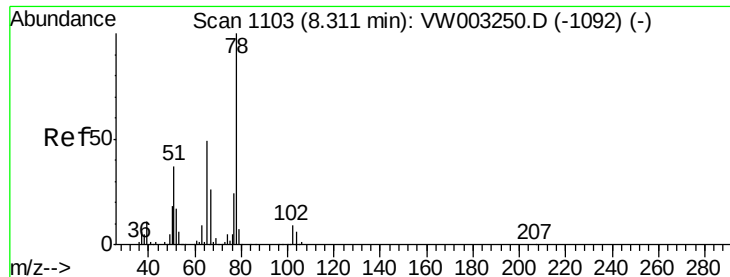
Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	97	Resp:	73806
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	47.6	37.6	56.4





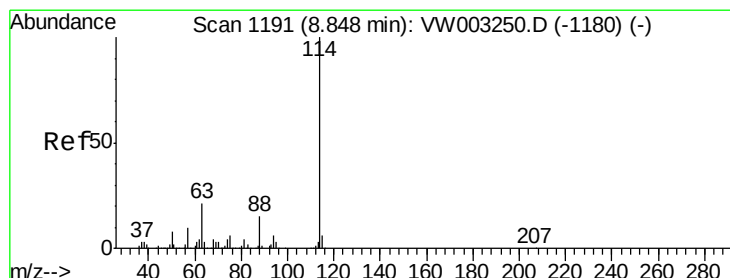
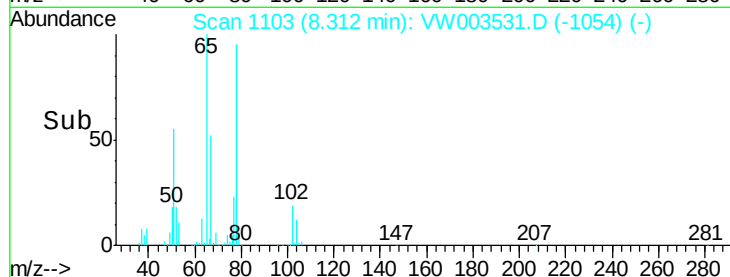
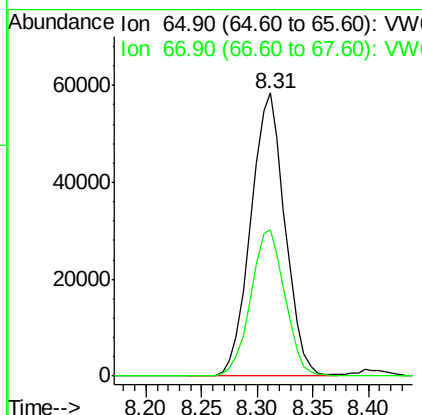
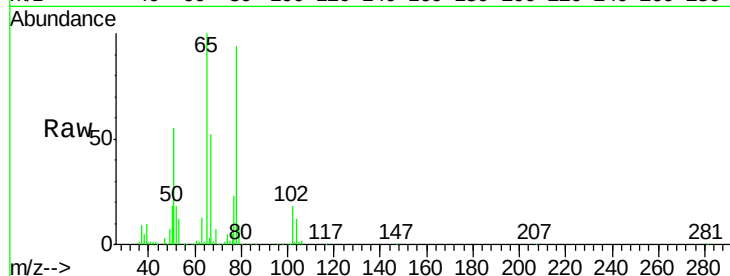
#33
 1,2-Dichloroethane-d4
 Concen: 51.76 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	104.2	

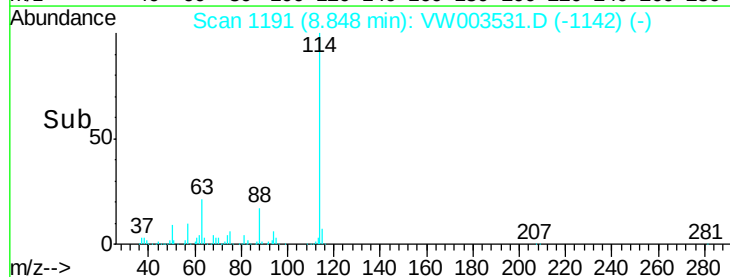
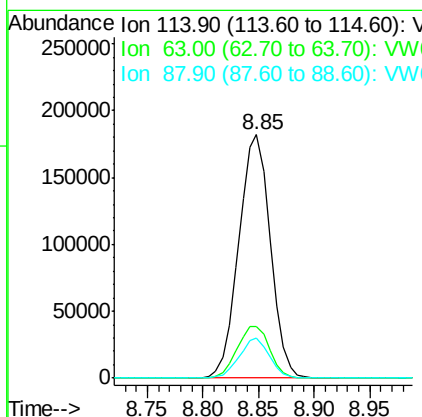
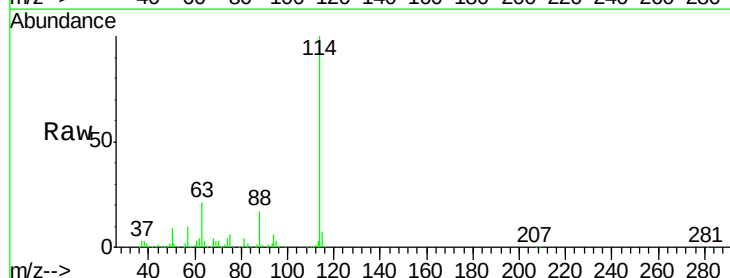
Manual Integrations
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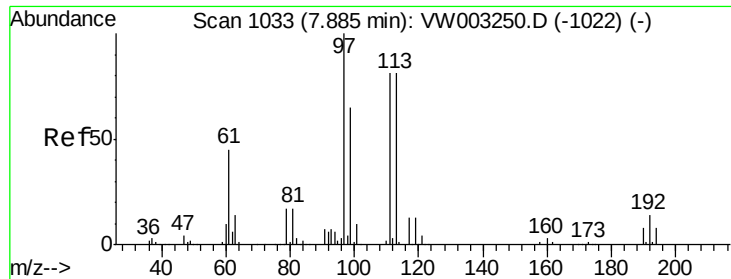
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	43.0	
88	16.5	0.0	29.6	





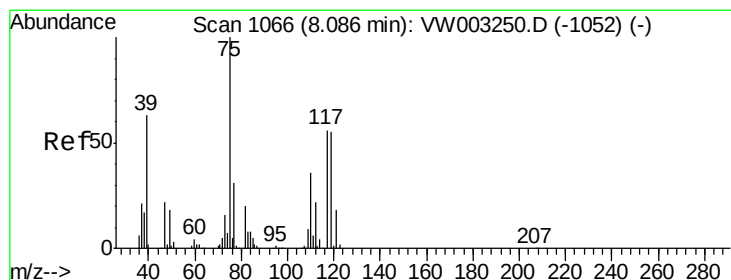
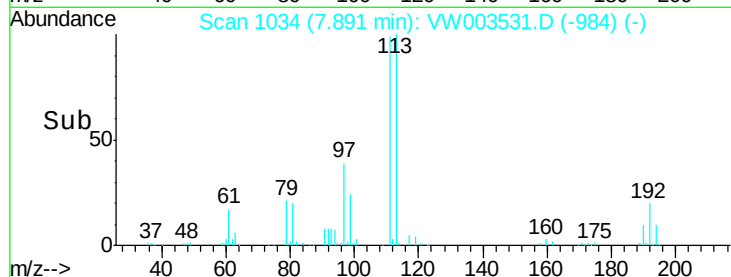
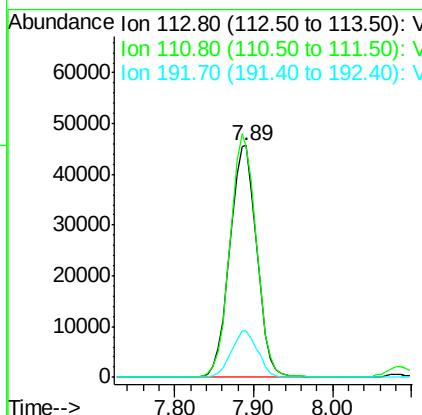
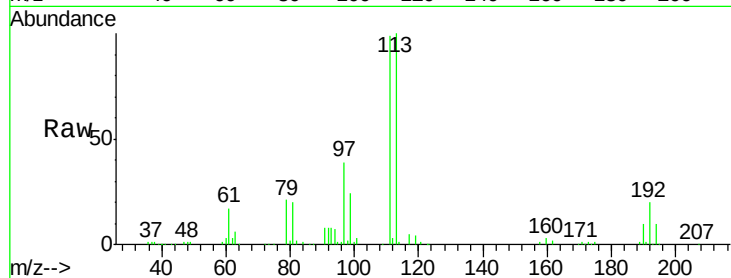
#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108695		
111	102.5	82.2	123.2	
192	19.6	16.2	24.2	

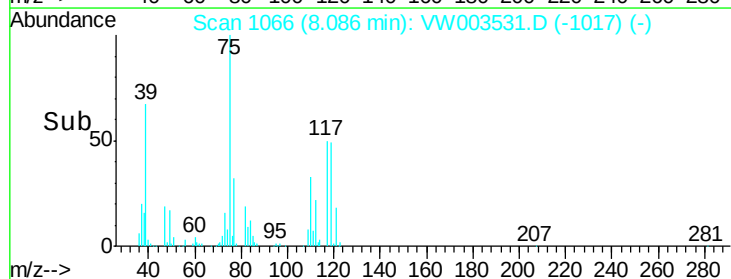
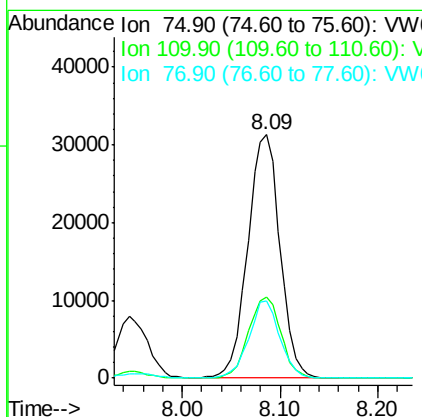
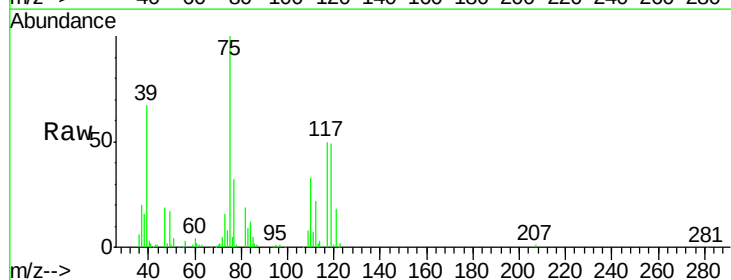
Manual Integrations
APPROVED

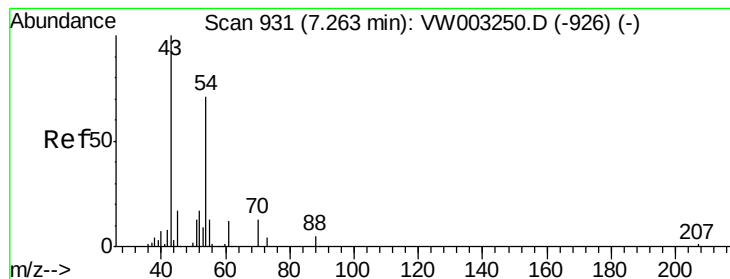
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#36
1,1-Dichloropropene
Concen: 20.74 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71829		
110	33.5	17.1	51.3	
77	30.6	24.9	37.3	





#37

Ethyl Acetate

Concen: 22.91 ug/l

RT: 7.26 min Scan# 931

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleID :

VW0624SBSD02

Tot Ion: 43 Resp: 32869

Ion Ratio Lower Upper

43 100

61 13.7 10.8 16.2

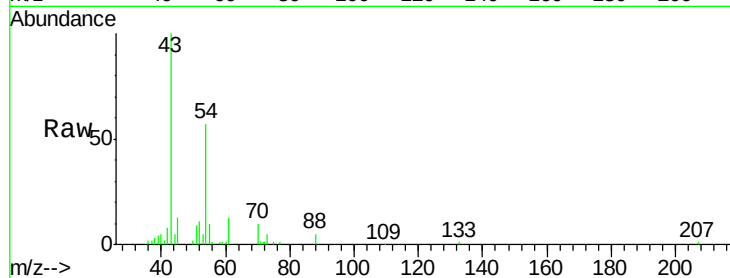
70 9.8 7.8 11.6

Manual Integrations

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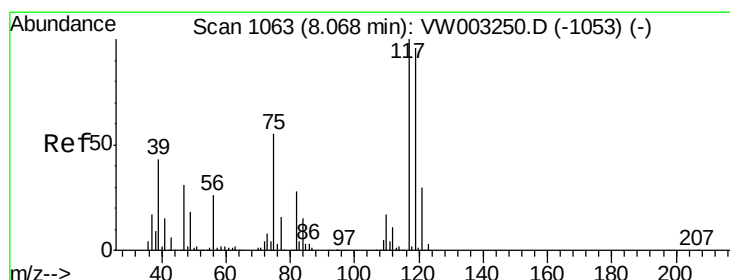
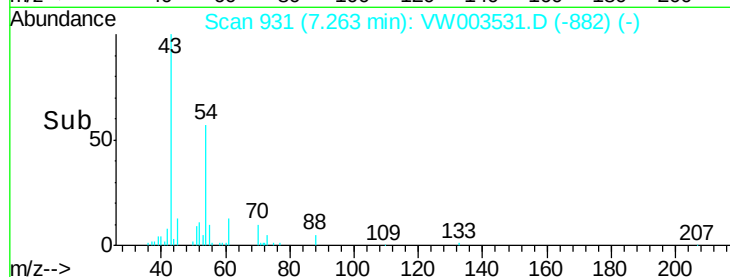
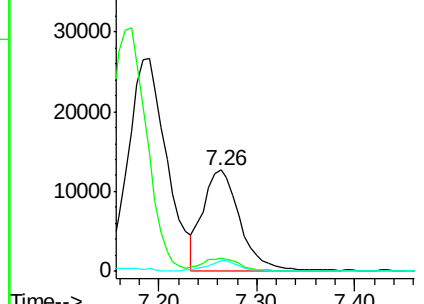
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 20.20 ug/l

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

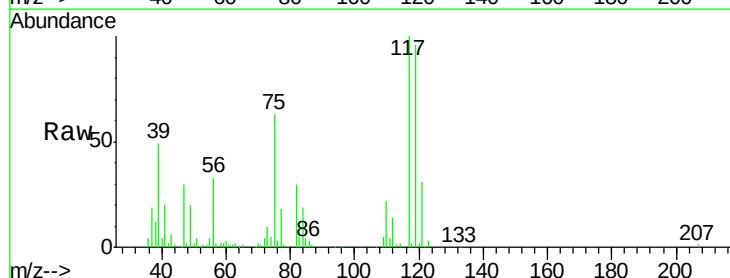
Tgt Ion: 117 Resp: 68646

Ion Ratio Lower Upper

117 100

119 95.7 76.6 115.0

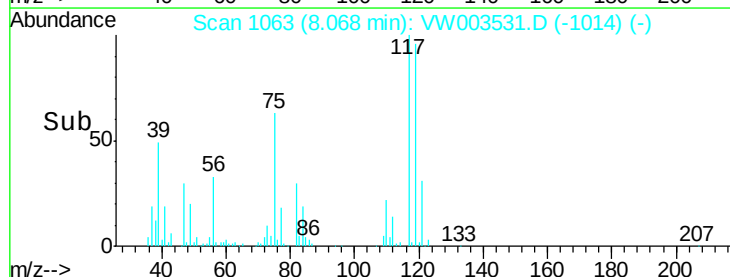
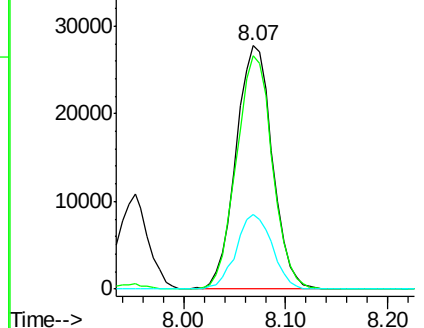
121 30.5 23.9 35.9

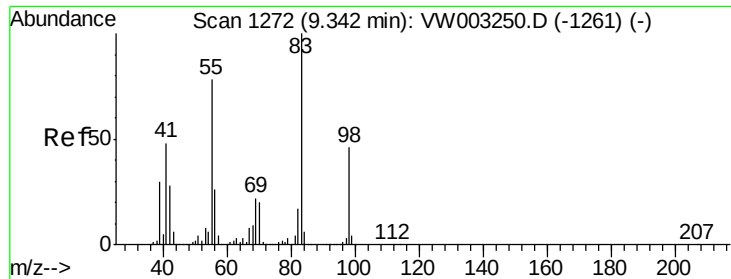


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





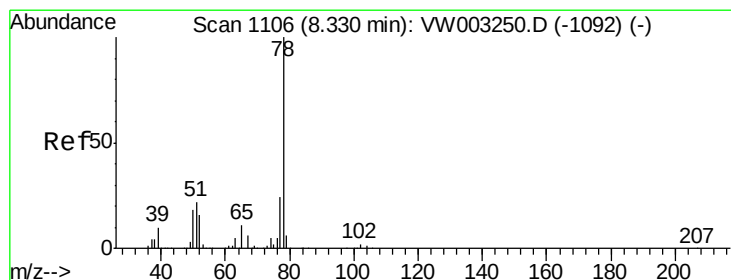
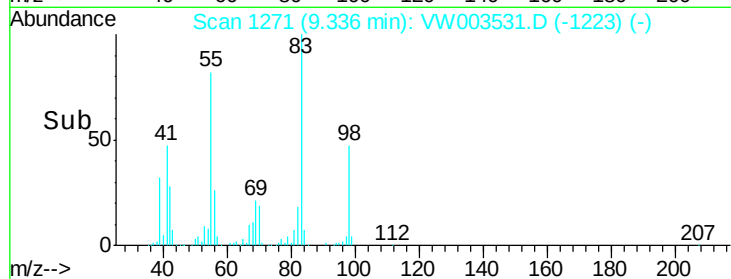
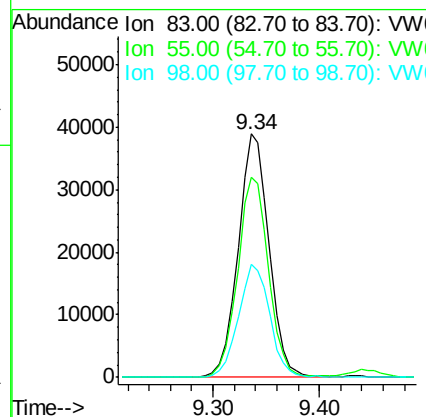
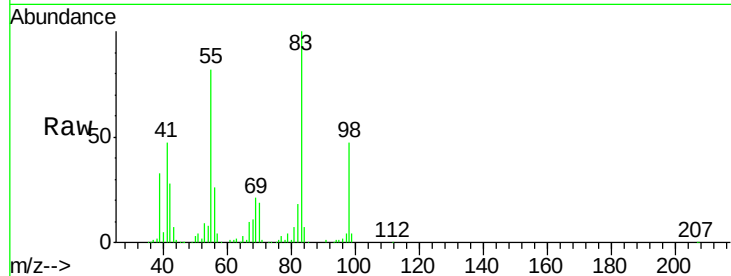
#39
Methylvlcyclohexane
Concen: 19.73 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.0		62.6	93.8
98	46.5		37.0	55.4

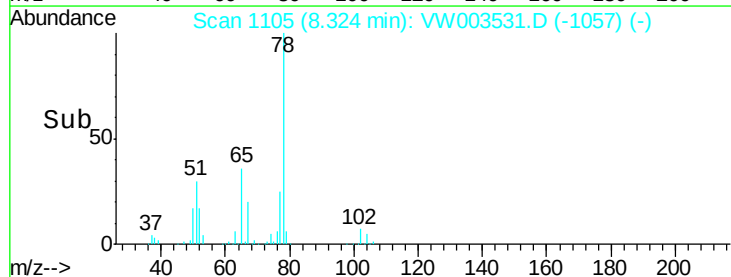
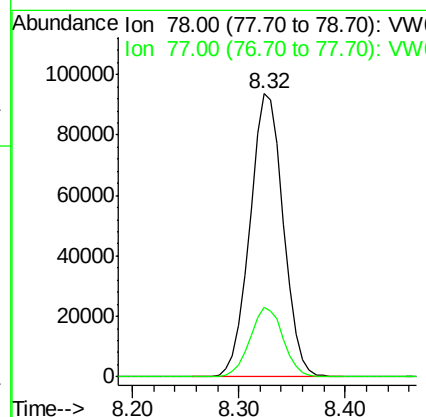
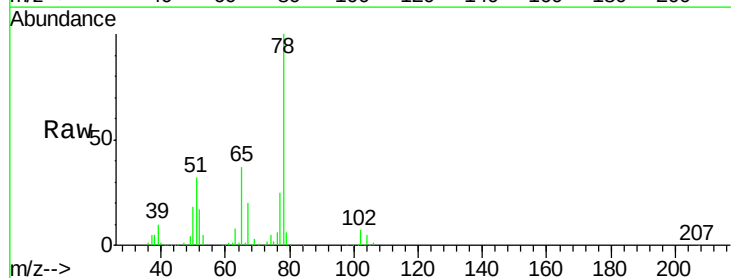
Manual Integrations
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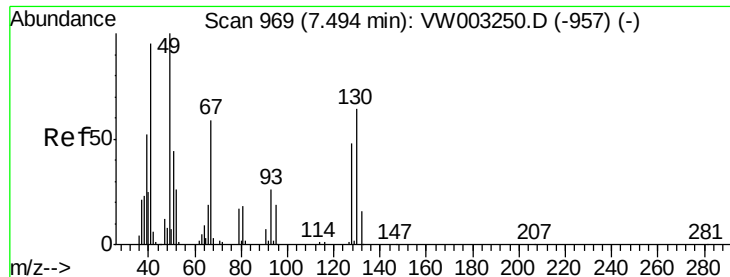
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#40
Benzene
Concen: 21.58 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7		19.0	28.6





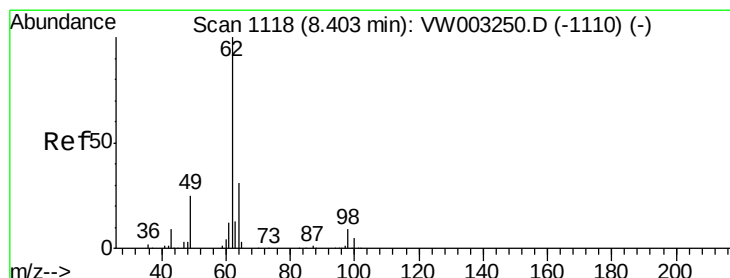
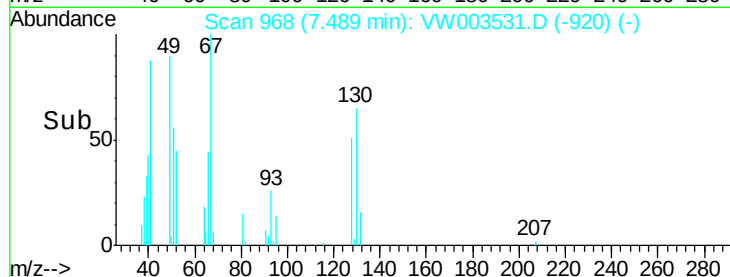
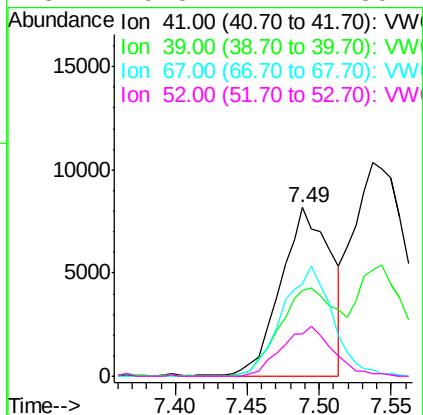
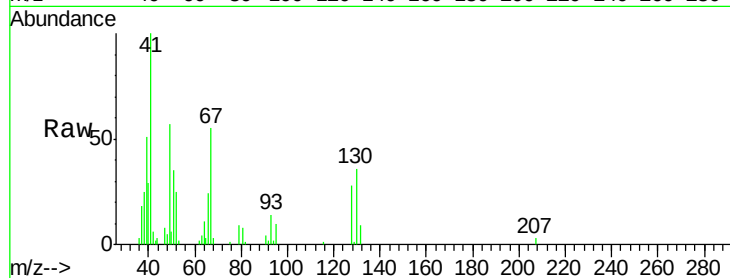
#41
Methacrylonitrile
Concen: 22.62 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	41	Resp	19919
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.8	68.8
67	64.9	52.3	78.5
52	29.8	24.1	36.1

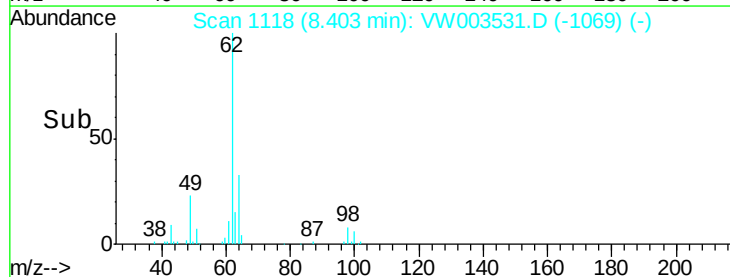
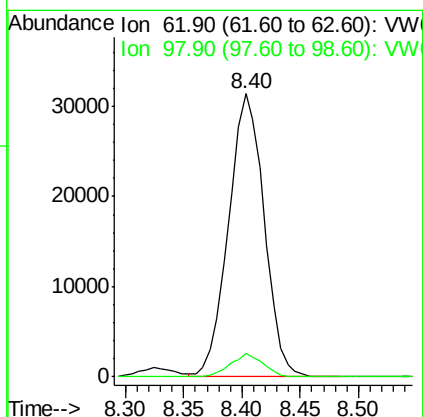
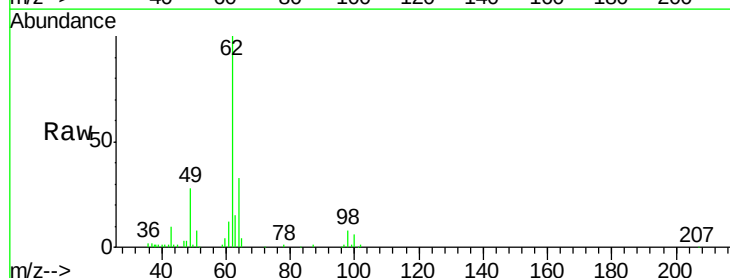
Manual Integrations
APPROVED

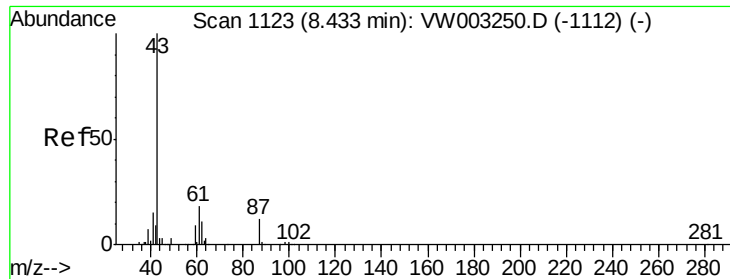
apatel
6/26/2018 4:40:26 PM



#42
1,2-Dichloroethane
Concen: 22.38 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	62	Resp	66930
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.64 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

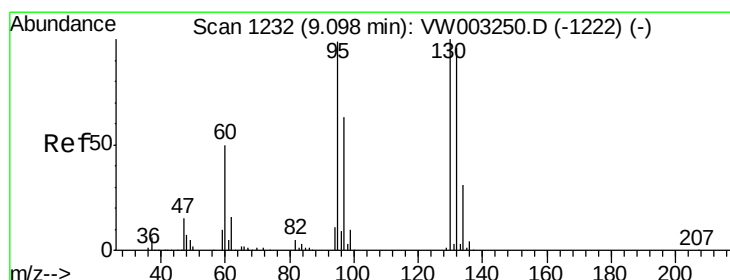
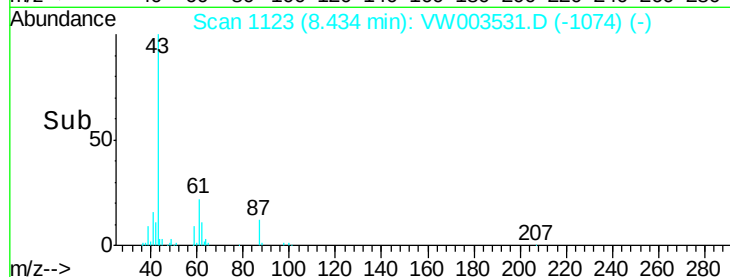
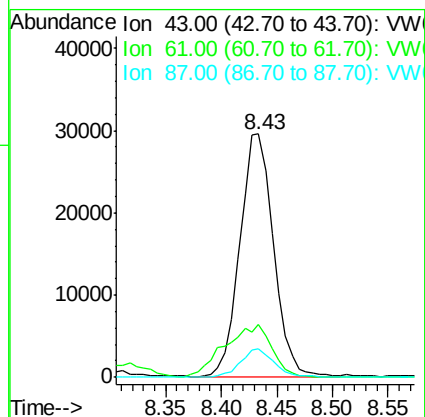
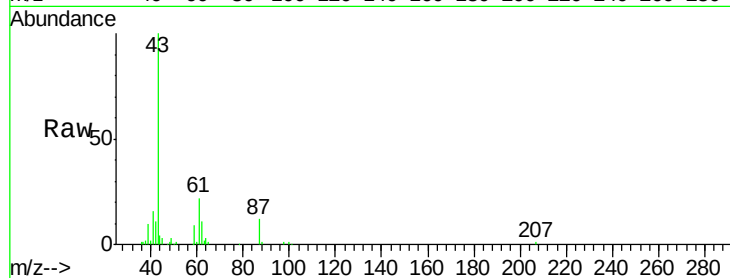
ClientSampleId :

VW0624SBSD02

Tot Ion:	43	Resp:	61645
Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.1	34.7
87	11.8	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 21.23 ug/l

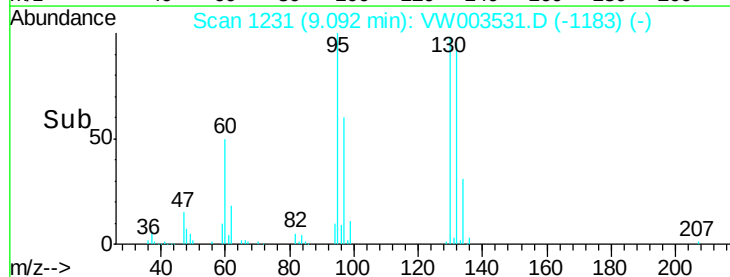
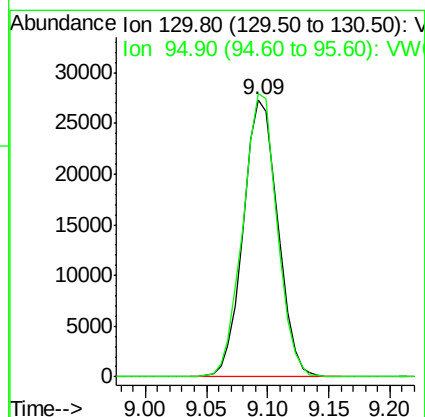
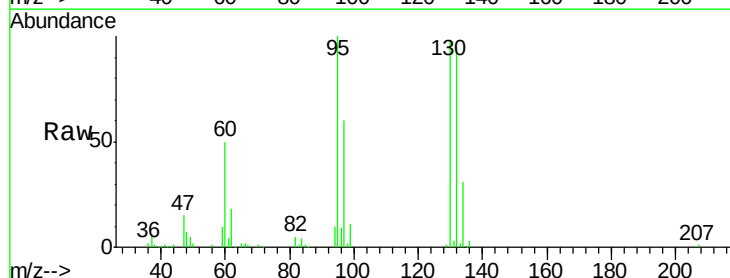
RT: 9.09 min Scan# 1231

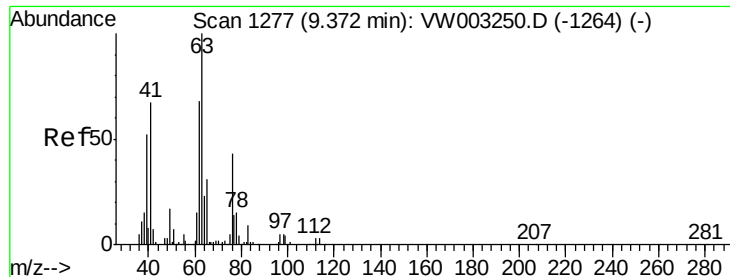
Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	130	Resp:	53719
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	198.0





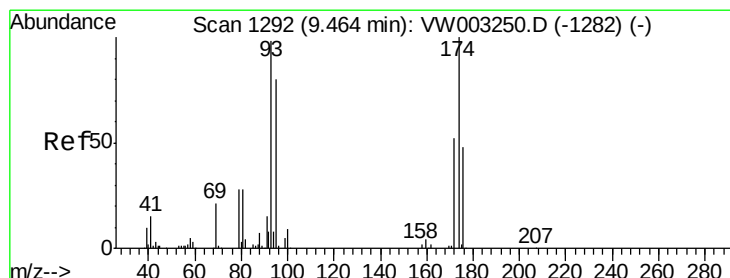
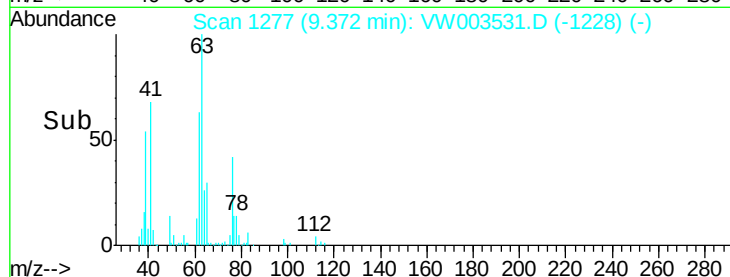
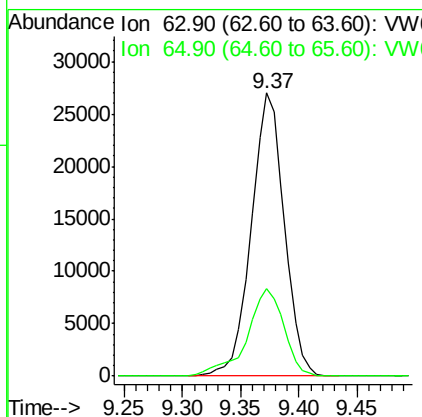
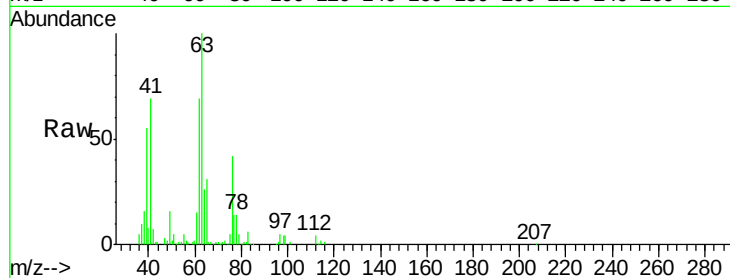
#45
 1,2-Dichloropropane
 Concen: 21.83 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.1	37.7

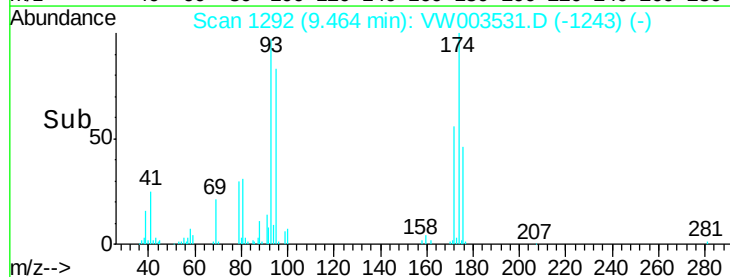
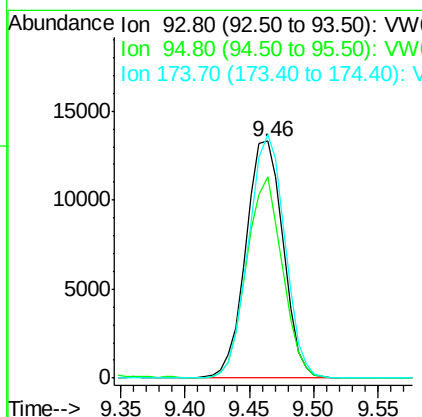
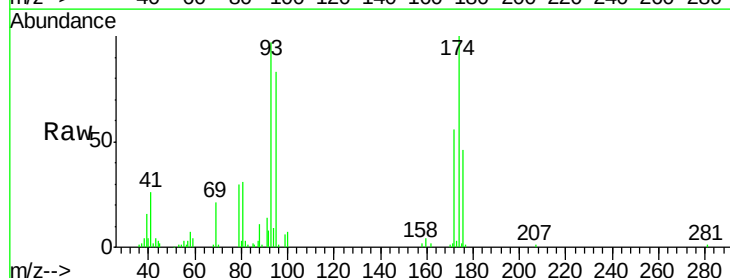
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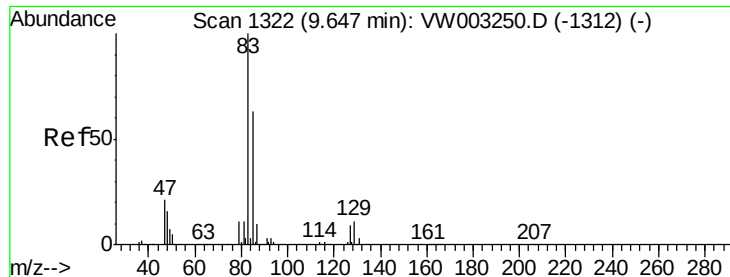
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#46
 Dibromomethane
 Concen: 21.44 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.8	98.8
174	100.2	81.4	122.0





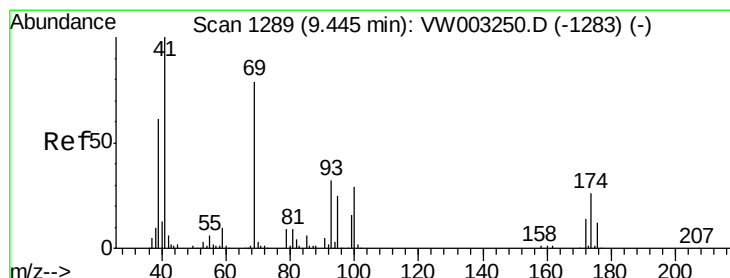
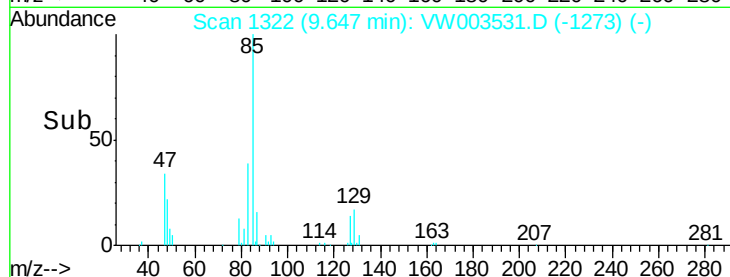
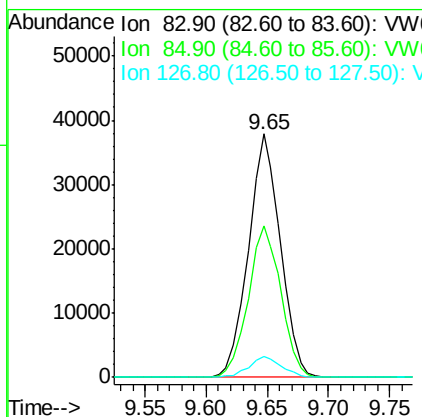
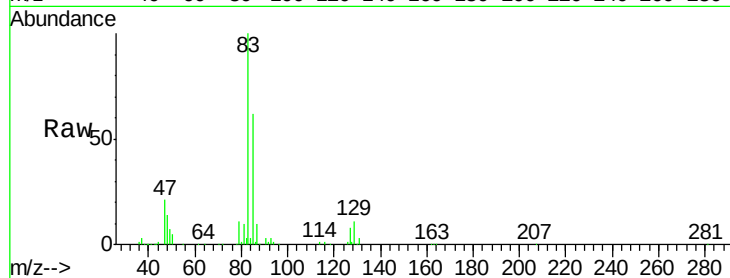
#47
Bromodichloromethane
Concen: 21.53 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	83	Resp	68684
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	50.6	75.8
127	8.3	6.8	10.2

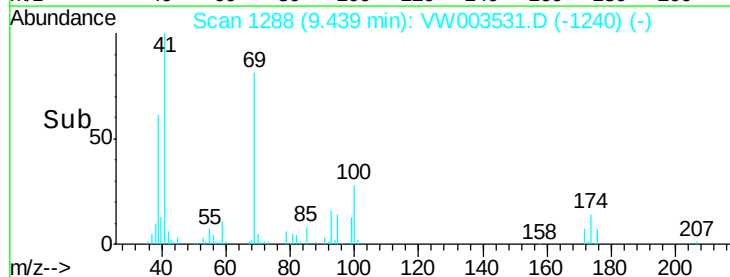
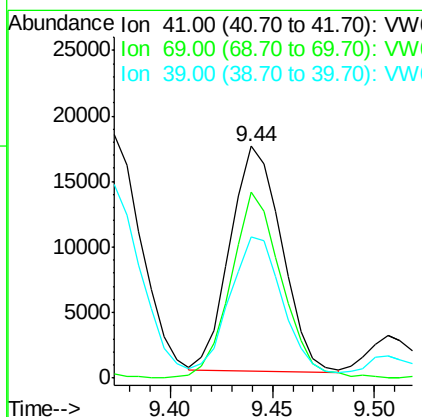
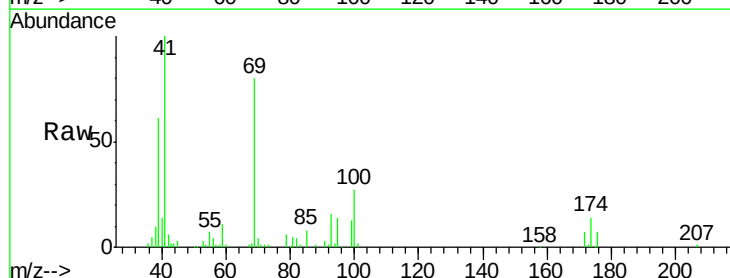
Manual Integrations
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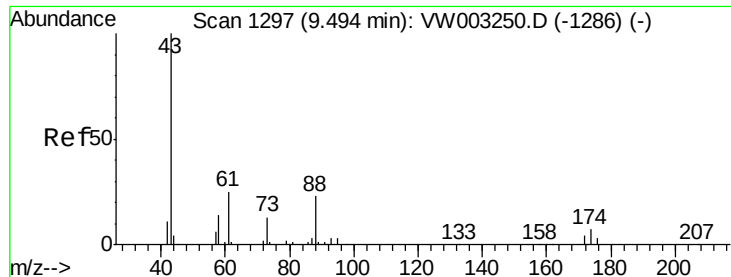
apatel
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#48
Methyl methacrylate
Concen: 22.47 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	41	Resp	30093
Ion Ratio	100	Lower	Upper
41	100		
69	81.4	65.4	98.2
39	65.1	54.2	81.2





#49

1,4-Dioxane

Concen: 484.32 ug/l

RT: 9.49 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

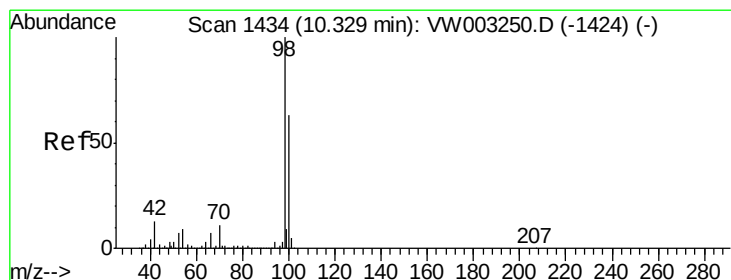
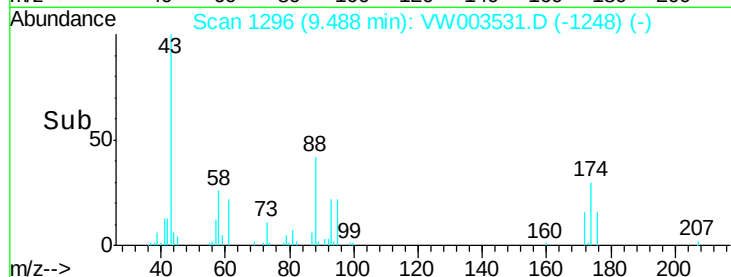
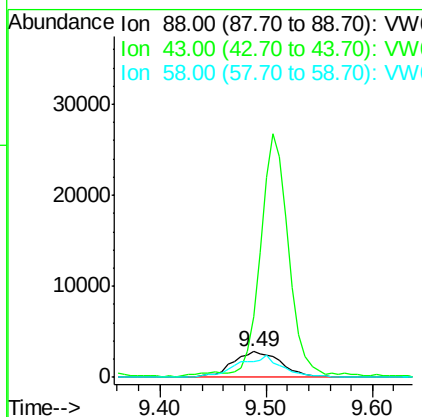
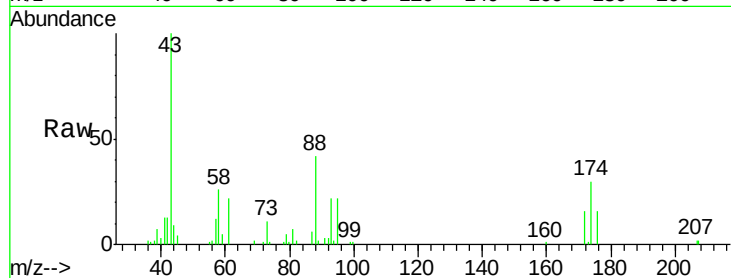
ClientSampleId :

VW0624SBSD02

Tot Ion	88	Resp	9101
Ion	Ratio	Lower	Upper
88	100		
43	547.7	454.7	682.1
58	76.0	58.6	88.0

Manual Integrations
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#50

Toluene-d8

Concen: 48.67 ug/l

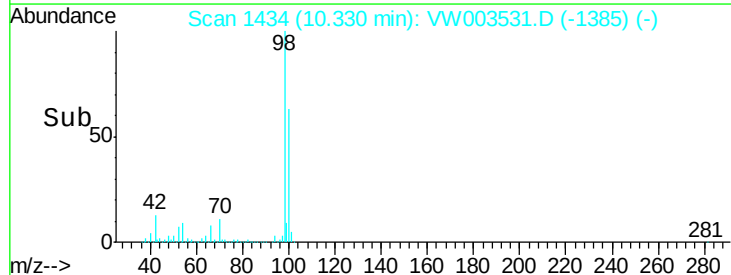
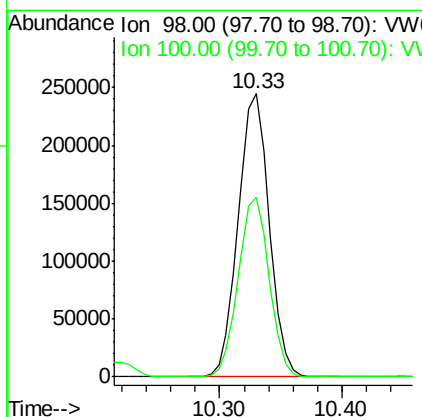
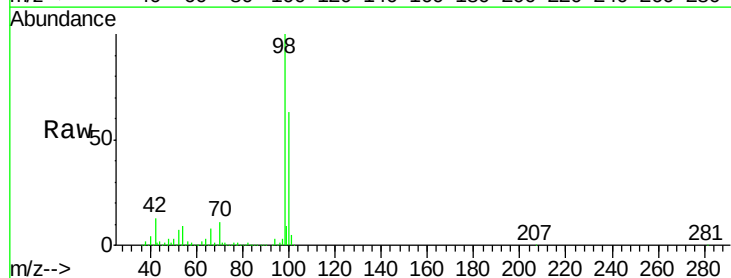
RT: 10.33 min Scan# 1434

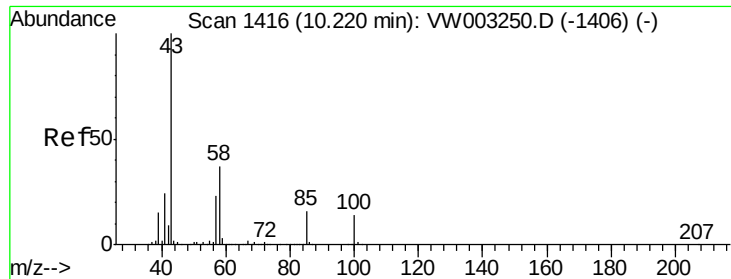
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion	98	Resp	430108
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2





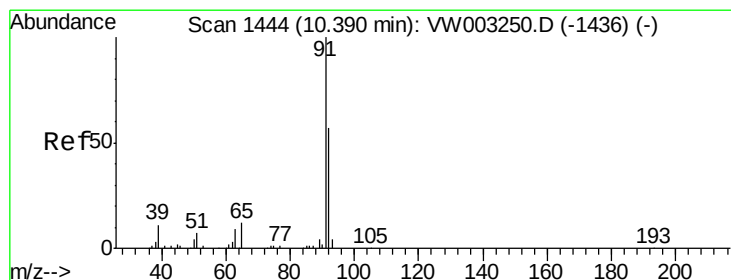
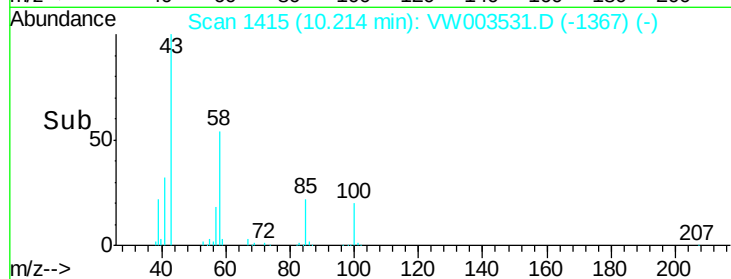
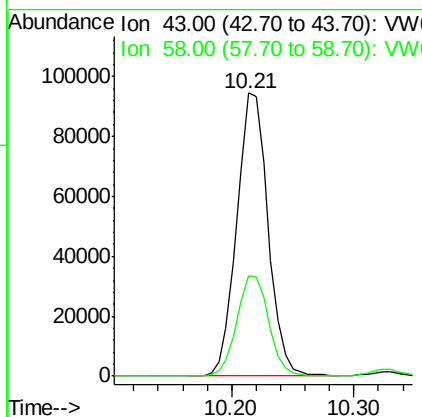
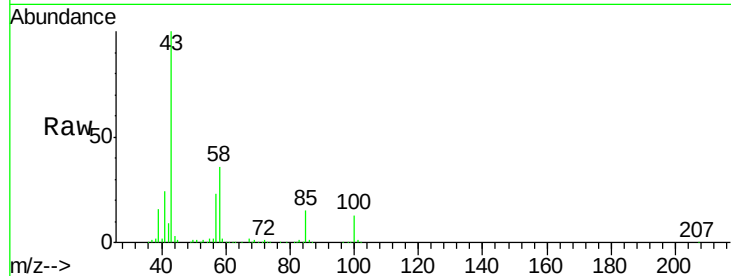
#51
4-Methyl-2-Pentanone
Concen: 115.34 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampled :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.0	43.4

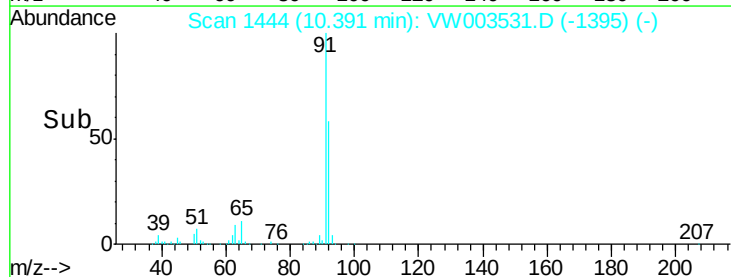
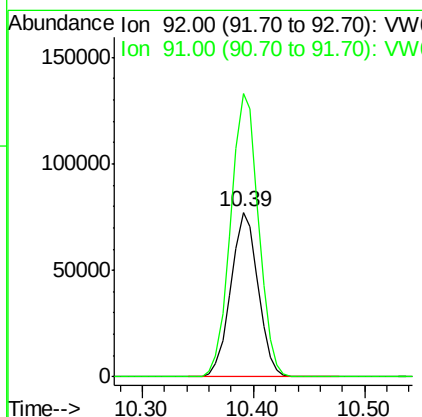
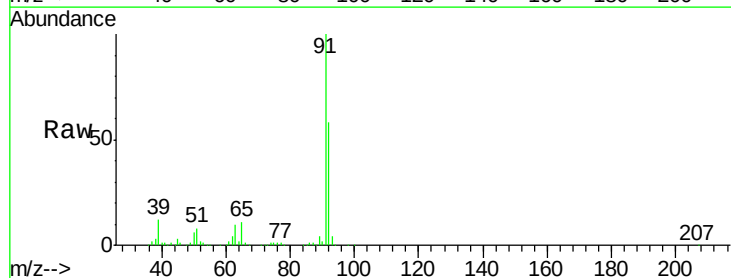
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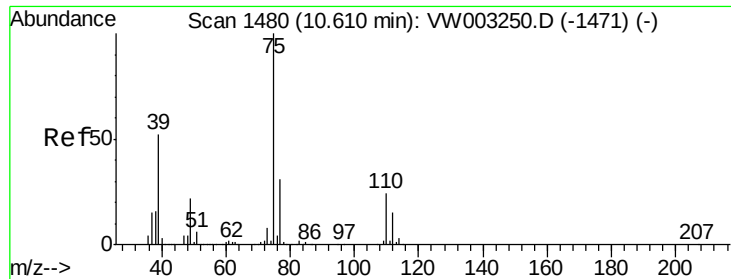
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#52
Toluene
Concen: 21.41 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	141.1	211.7





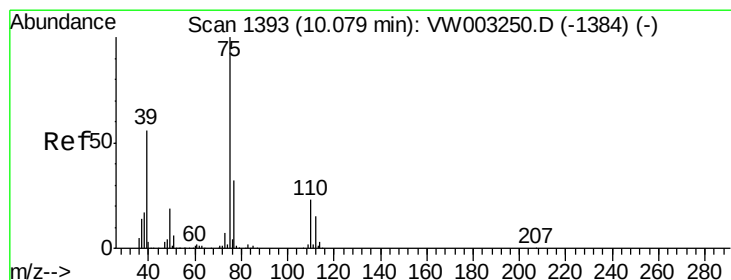
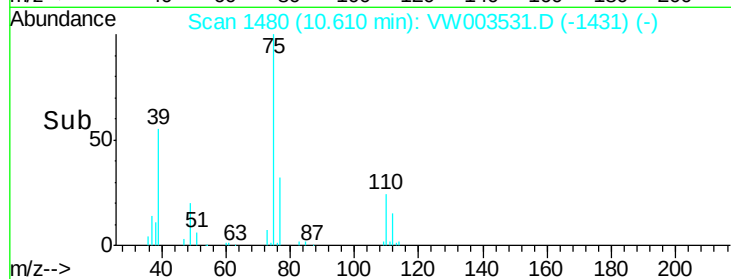
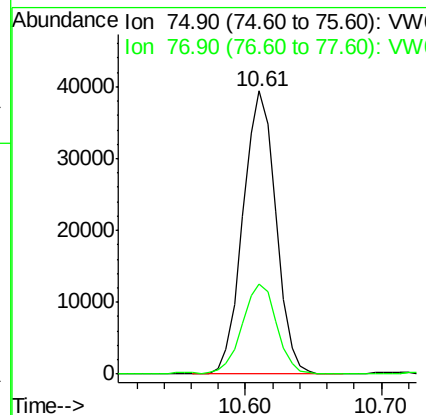
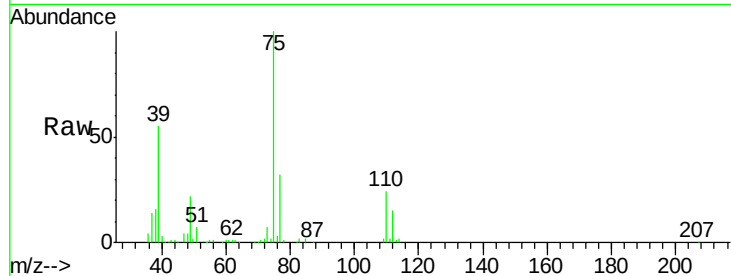
#53
t-1,3-Dichloropropene
Concen: 20.47 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	75	Resp	66718
Ion Ratio	Lower	Upper	
75	100		
77	31.8	24.9	37.3

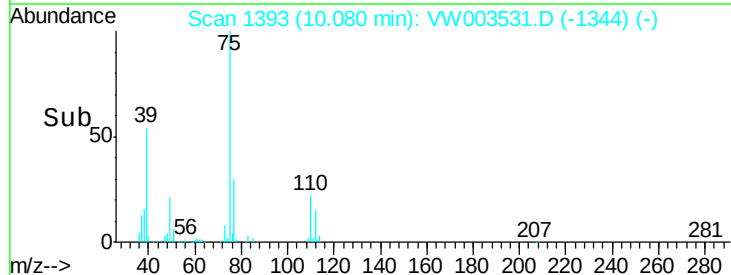
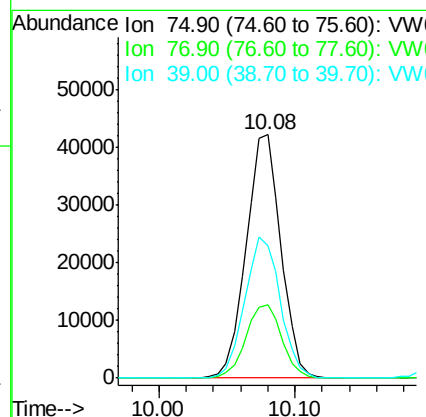
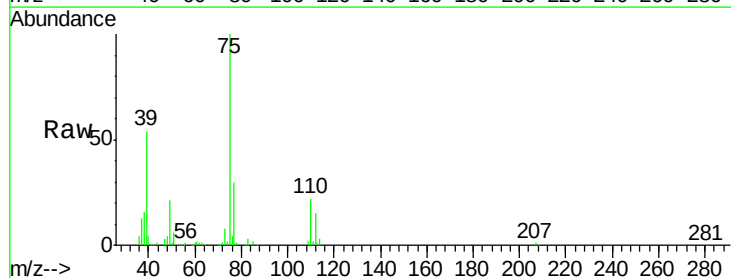
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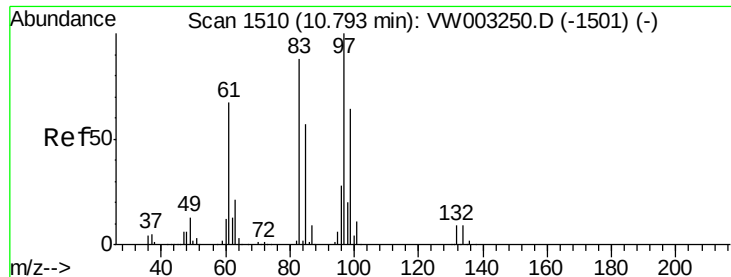
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#54
cis-1,3-Dichloropropene
Concen: 20.30 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	75	Resp	75281
Ion Ratio	Lower	Upper	
75	100		
77	29.9	25.8	38.6
39	54.0	45.2	67.8





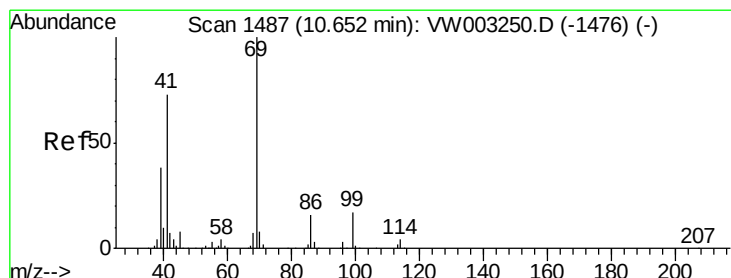
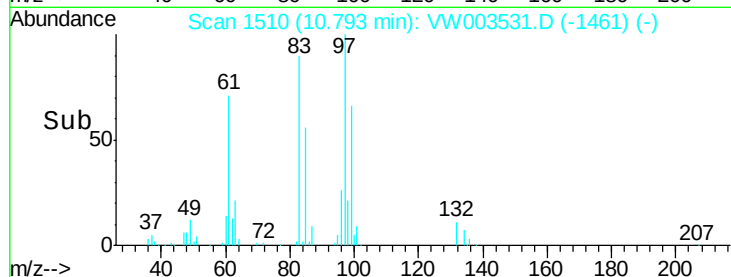
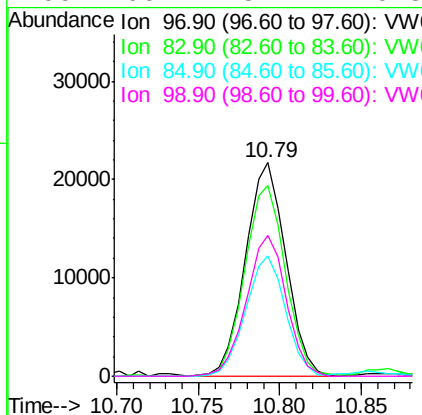
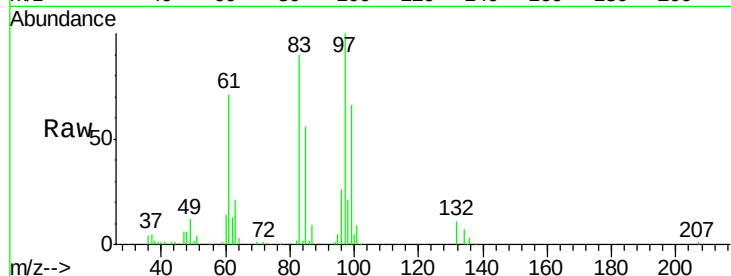
#55
 1,1,2-Trichloroethane
 Concen: 21.39 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion:	97	Resp:	37514
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.2	105.2
85	56.4	45.6	68.4
99	66.2	51.2	76.8

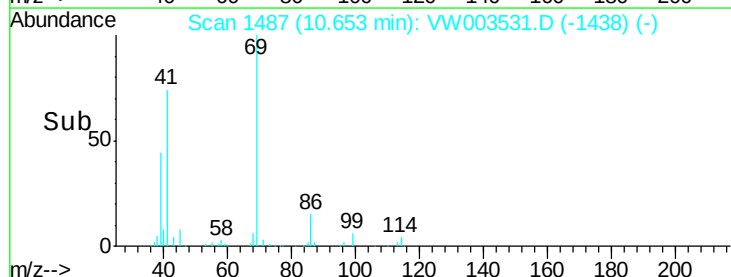
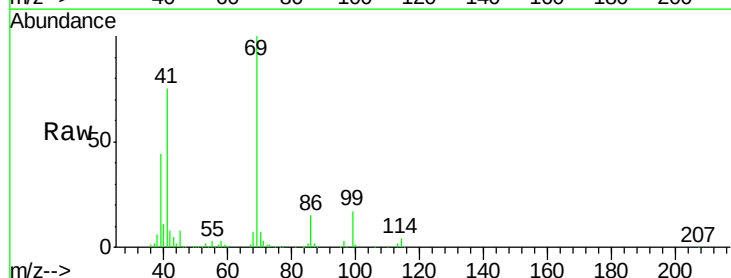
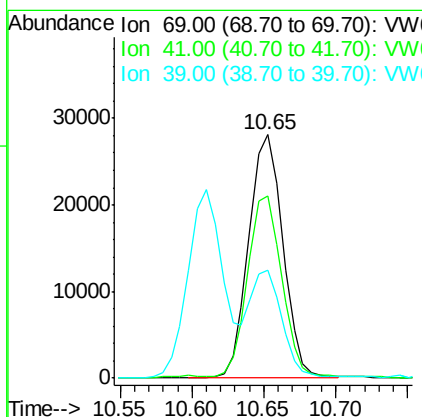
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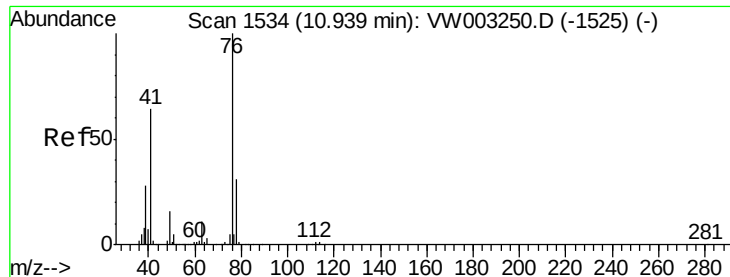
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#56
 Ethyl methacrylate
 Concen: 21.73 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion:	69	Resp:	46267
Ion	Ratio	Lower	Upper
69	100		
41	75.1	57.8	86.6
39	40.2	32.7	49.1





#57

1,3-Dichloropropane

Concen: 22.04 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 76 Resp: 66652

Ion Ratio Lower Upper

76 100

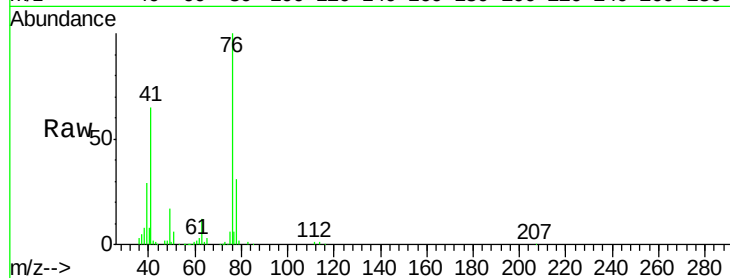
78 32.7 25.7 38.5

Manual Integrations

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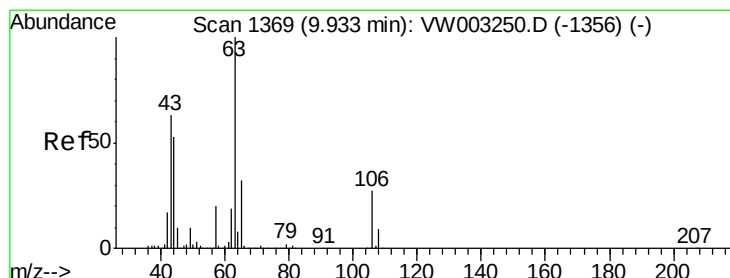
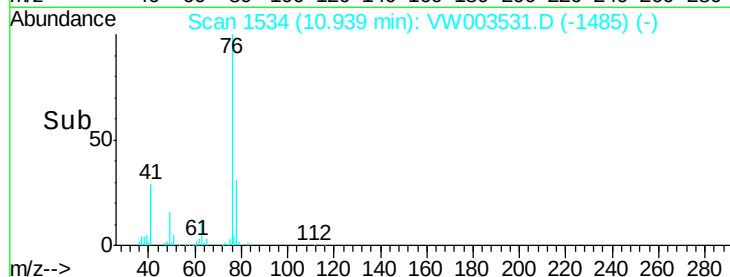
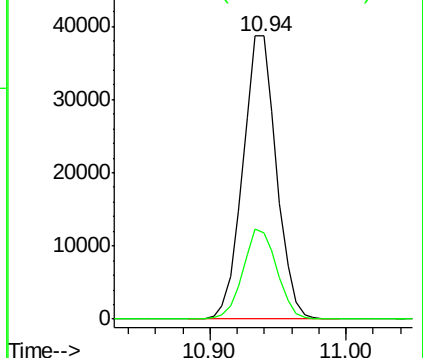
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 110.71 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003531.D

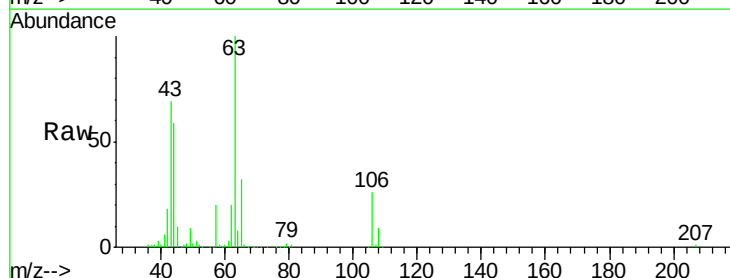
Acq: 25 Jun 2018 02:17

Tgt Ion: 63 Resp: 105696

Ion Ratio Lower Upper

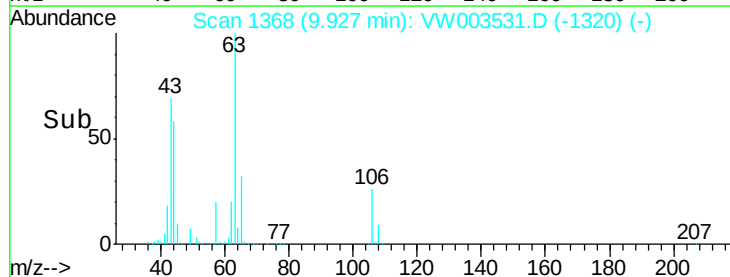
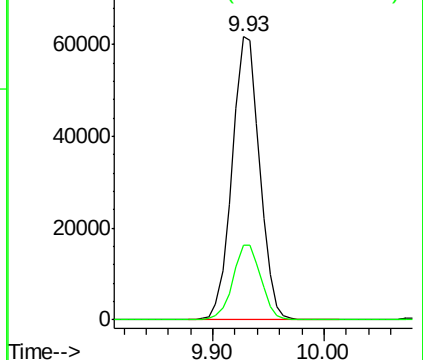
63 100

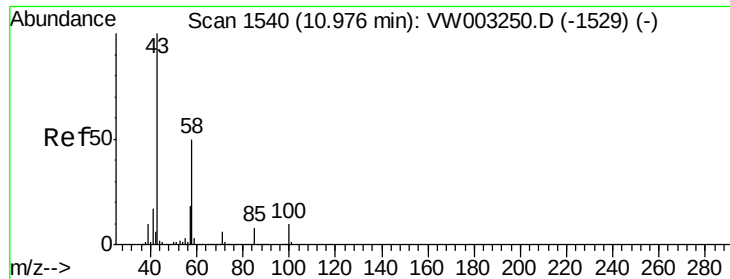
106 26.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





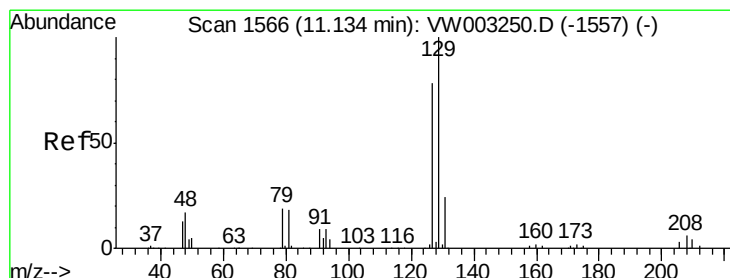
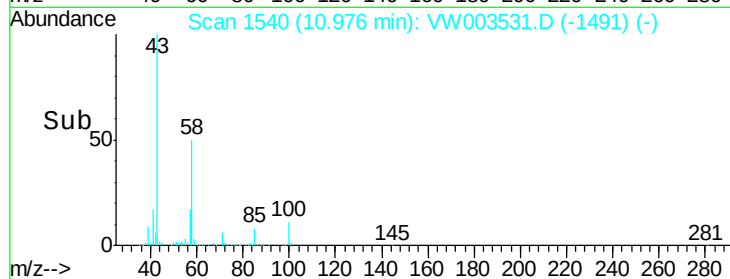
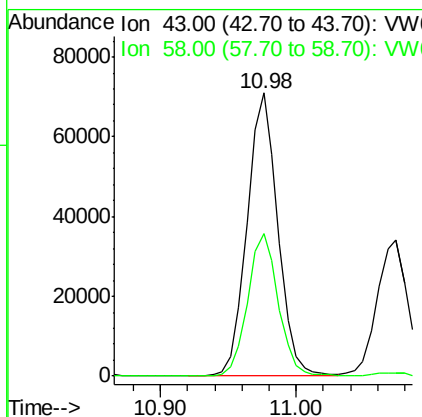
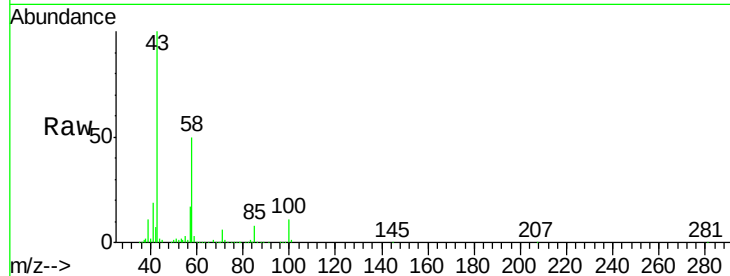
#59
2-Hexanone
Concen: 111.23 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion: 43 Resp: 112810
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0

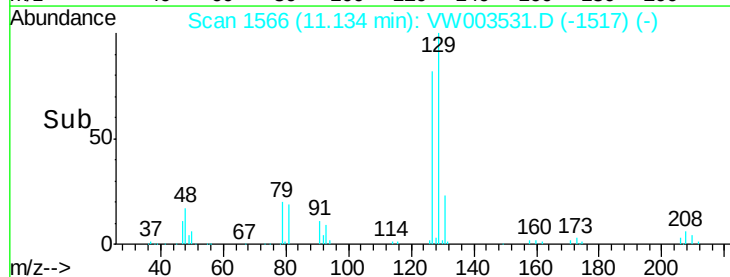
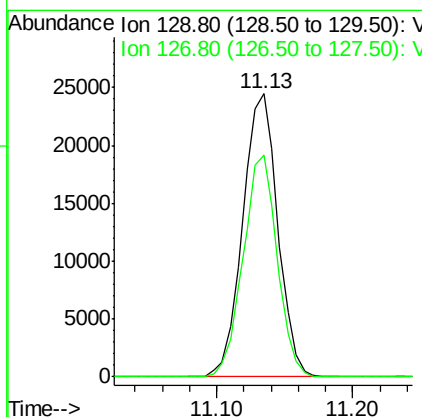
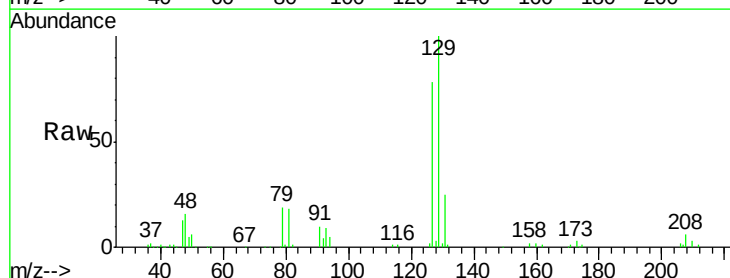
Manual Integrations
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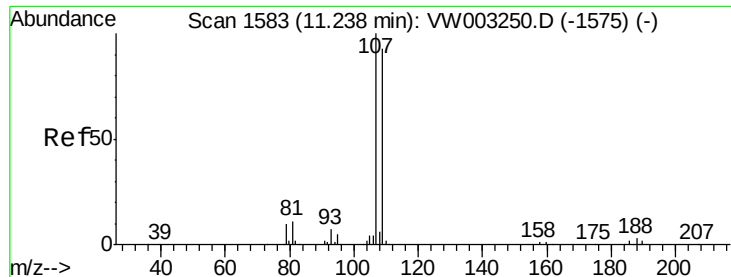
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#60
Dibromochloromethane
Concen: 21.10 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 129 Resp: 44001
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.5





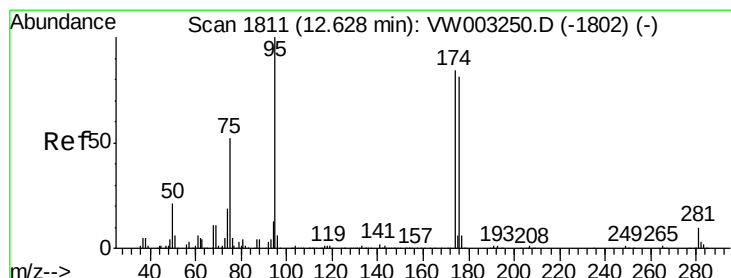
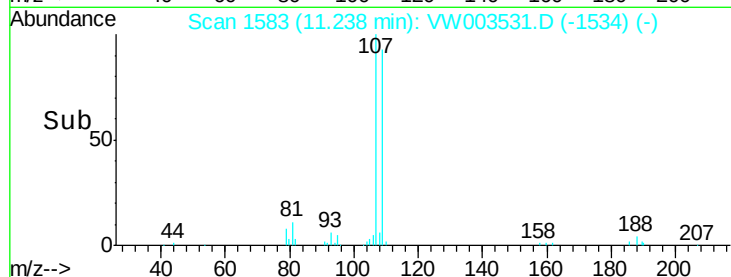
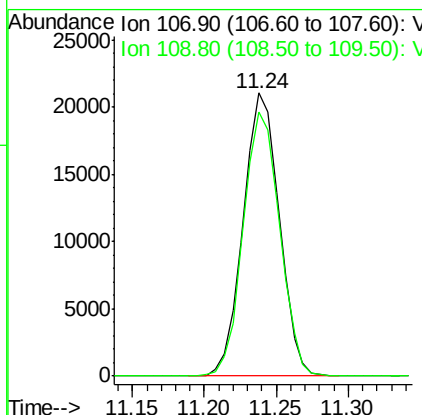
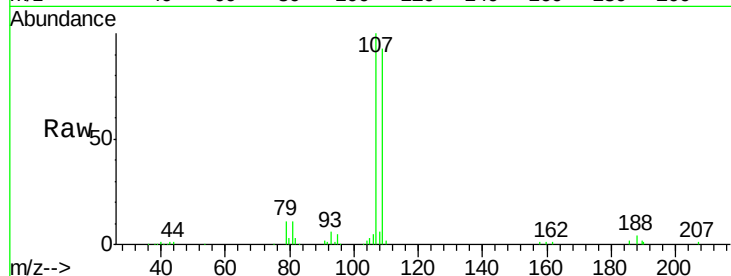
#61
 1,2-Dibromoethane
 Concen: 21.97 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion: 107 Resp: 36450
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6

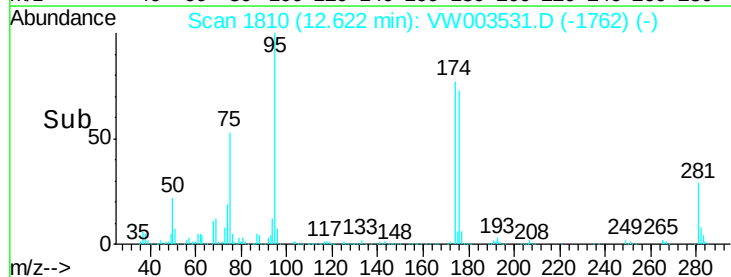
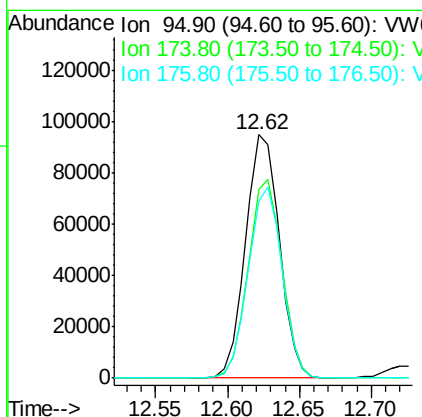
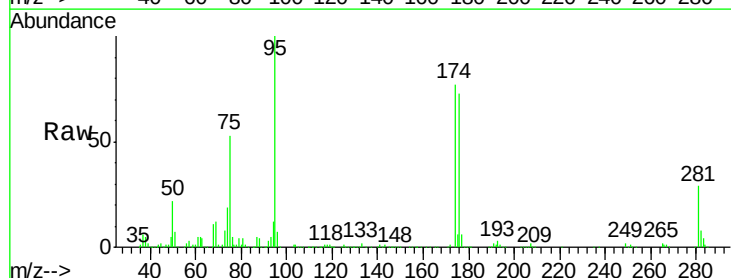
Manual Integrations
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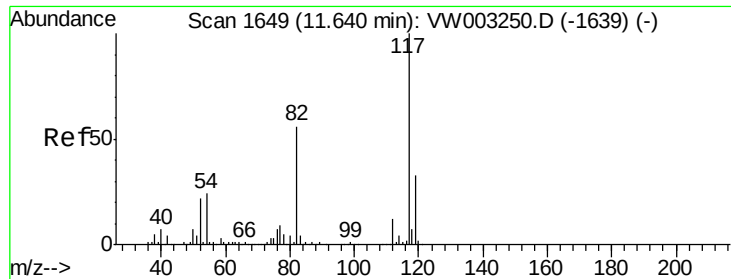
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.41 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion: 95 Resp: 154518
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 166.4
 176 78.4 0.0 162.0





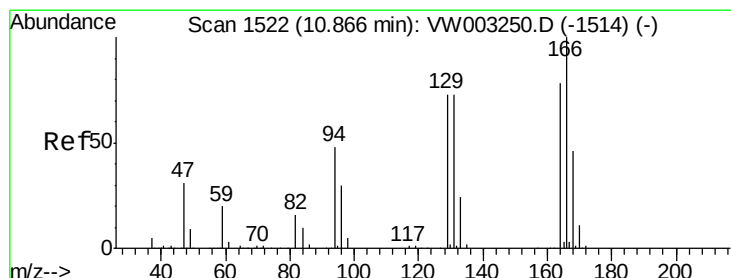
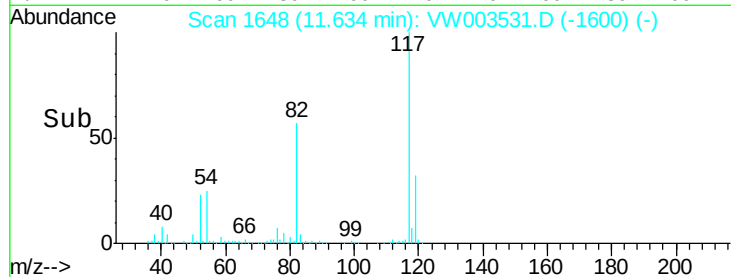
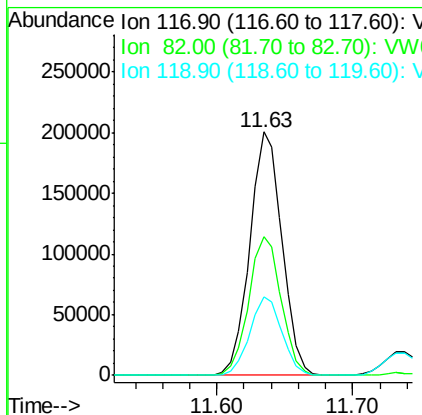
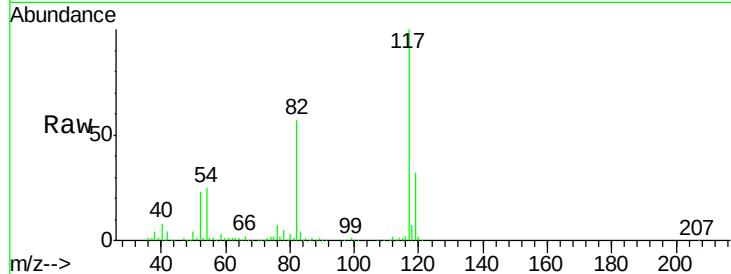
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	67.0
119	32.5	26.7	40.1

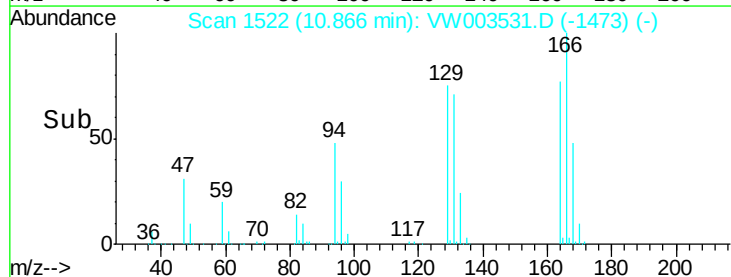
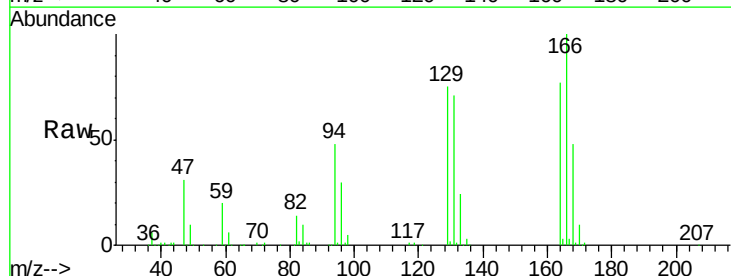
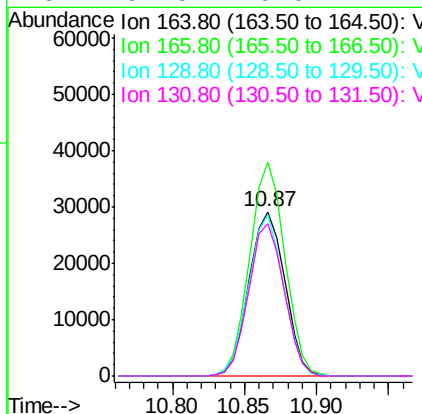
Manual Integrations
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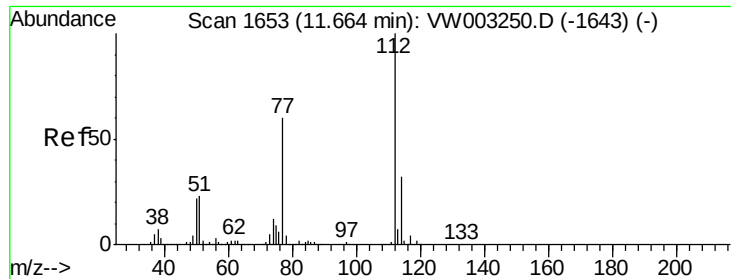
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#64
Tetrachloroethene
Concen: 22.60 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.6	154.0
129	98.1	75.2	112.8
131	92.5	75.0	112.4





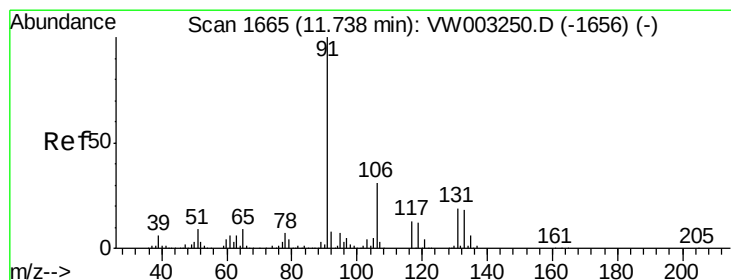
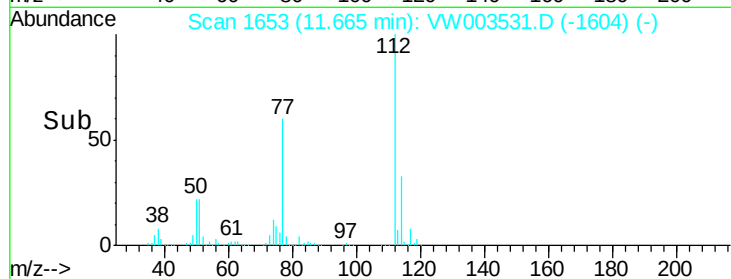
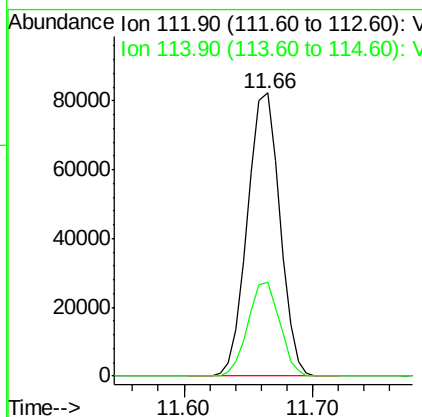
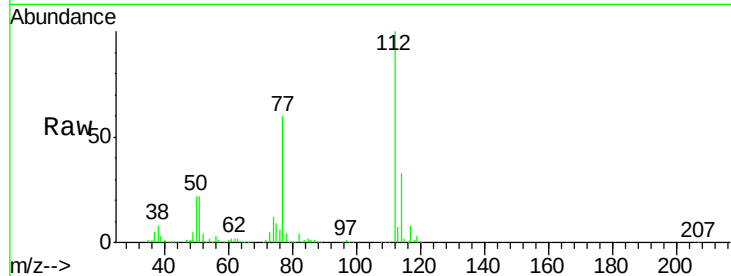
#65
Chlorobenzene
Concen: 20.68 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion:112 Resp: 143237
Ion Ratio Lower Upper
112 100
114 33.3 25.9 38.9

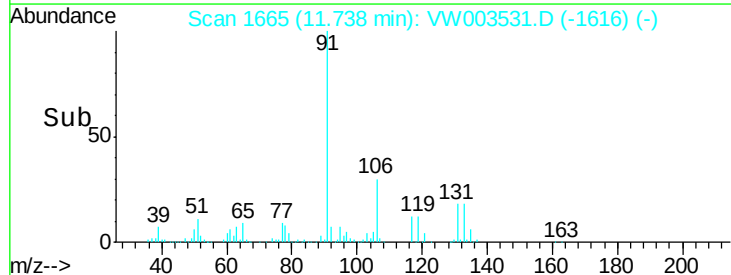
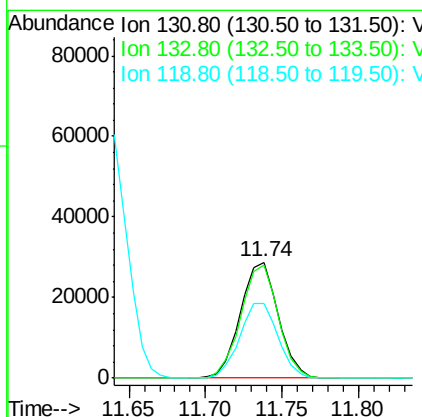
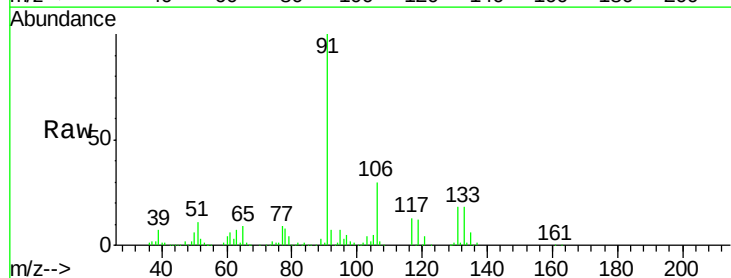
Manual Integrations
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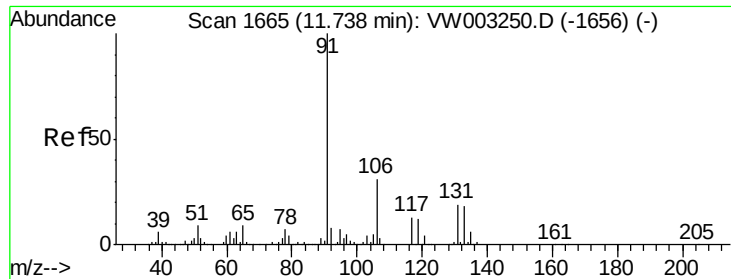
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.27 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:131 Resp: 49333
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 65.8 32.5 97.4





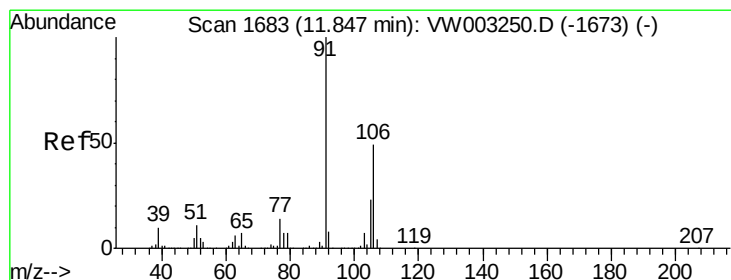
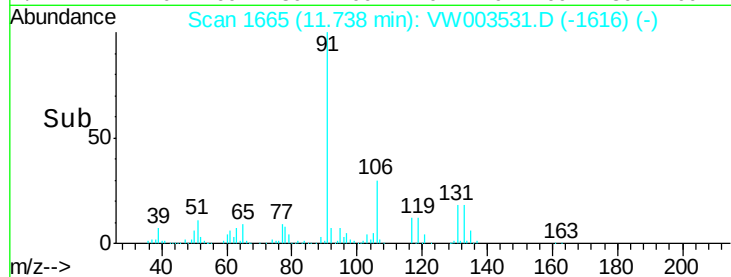
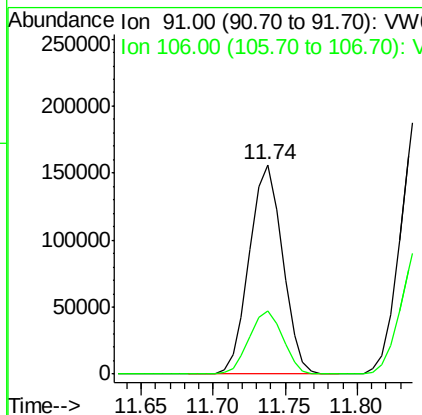
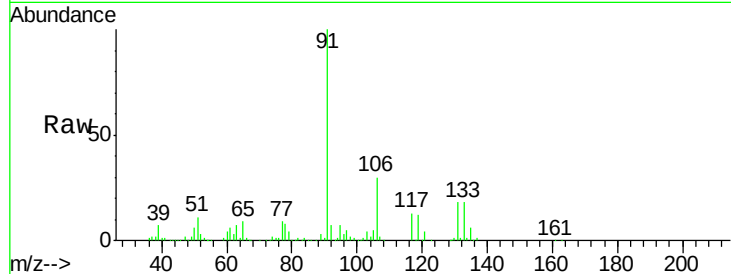
#67
Ethyl Benzene
Concen: 20.37 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion: 91 Resp: 250060
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

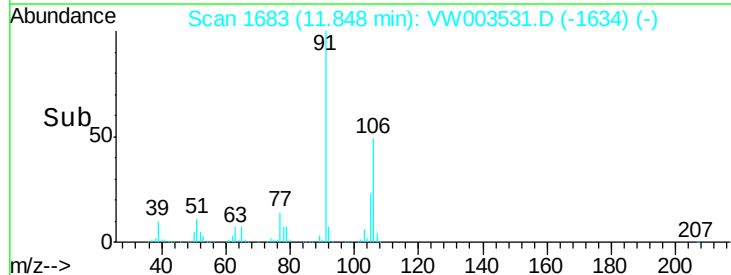
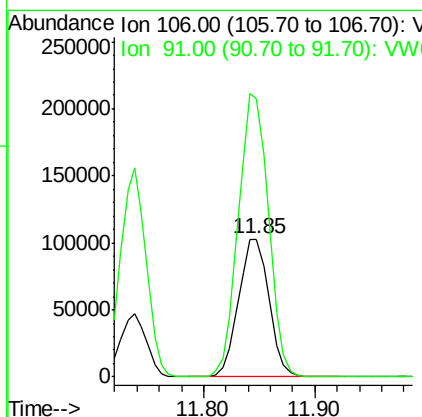
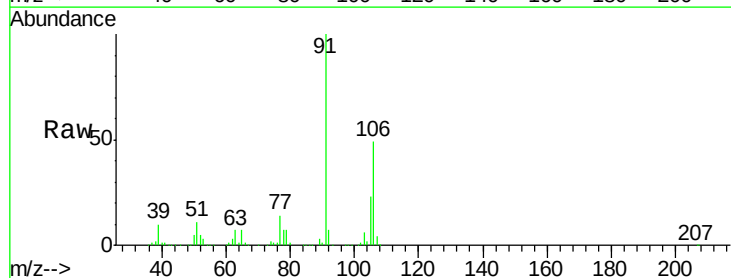
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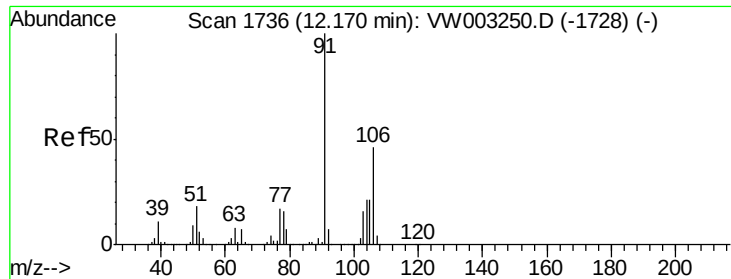
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#68
m/p-Xylenes
Concen: 41.60 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion: 106 Resp: 194129
Ion Ratio Lower Upper
106 100
91 204.8 165.4 248.0





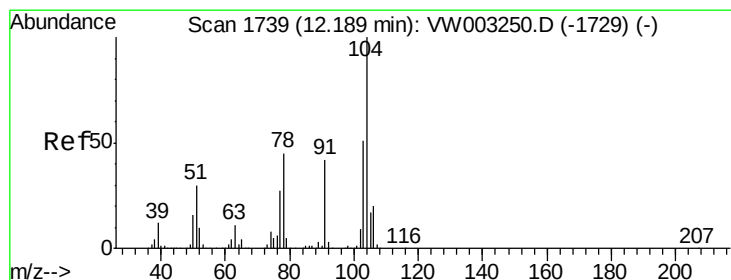
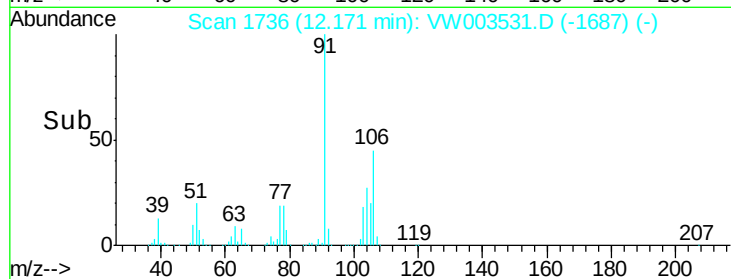
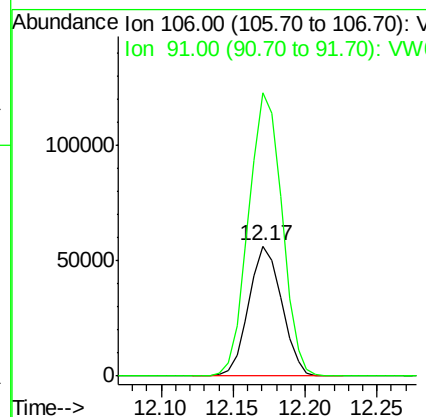
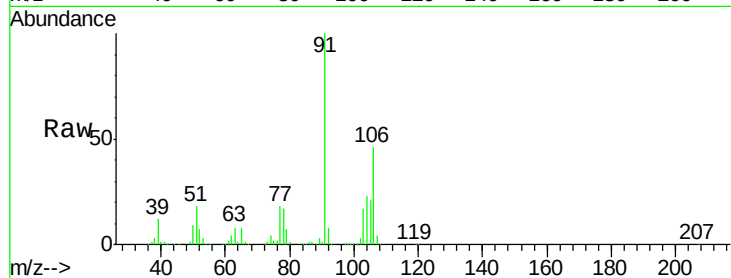
#69
o-Xylene
Concen: 20.61 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleID :
VW0624SBSD02

Tot Ion:106 Resp: 89145
Ion Ratio Lower Upper
106 100
91 222.0 108.6 325.6

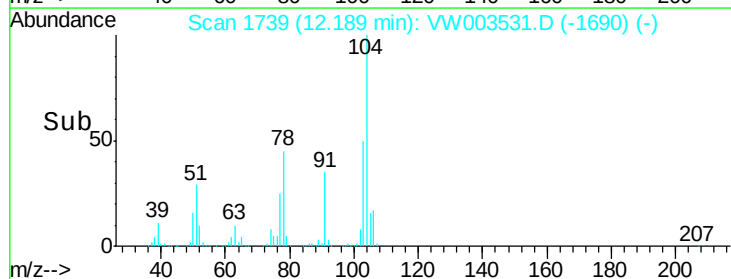
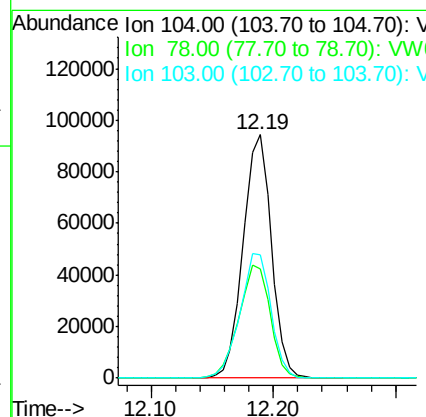
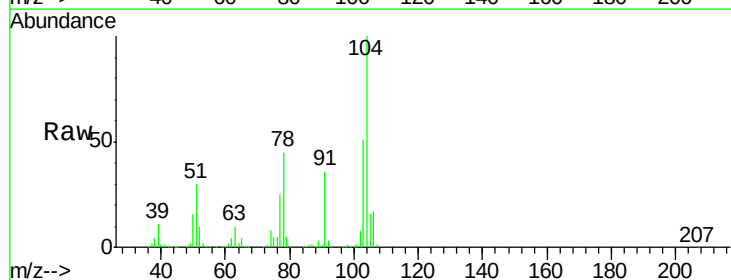
Manual Integrations
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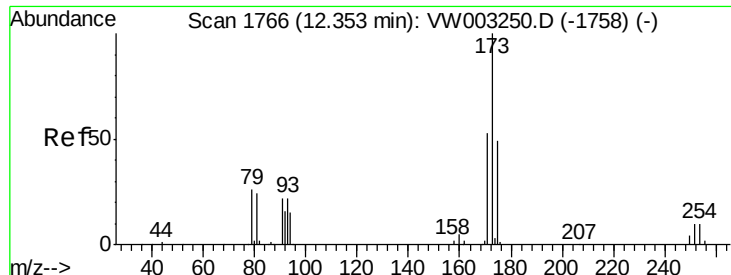
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#70
Styrene
Concen: 21.04 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion:104 Resp: 151423
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 56.1 45.0 67.4





#71

Bromoform

Concen: 20.97 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

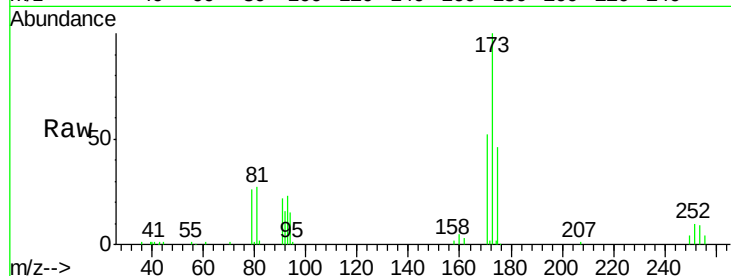
ClientSampleId :

VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.0	0.1	0.1#

Manual Integrations
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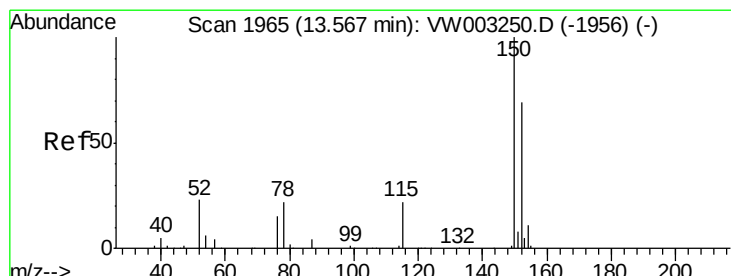
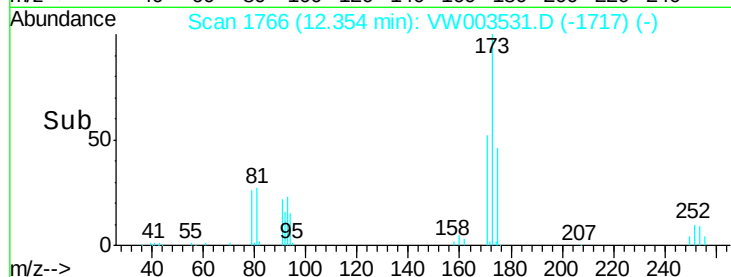
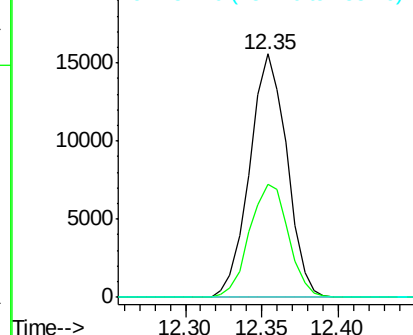


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

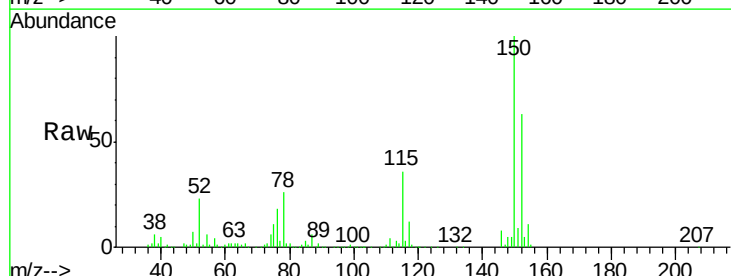
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	161.9	0.0	349.6

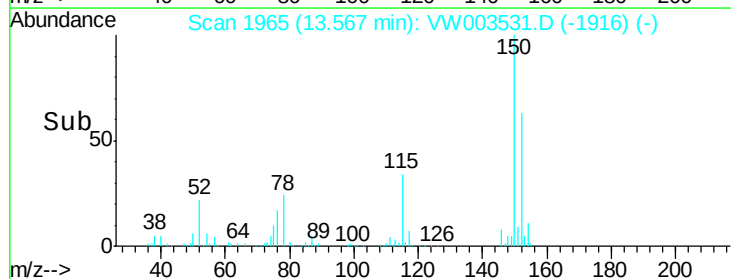
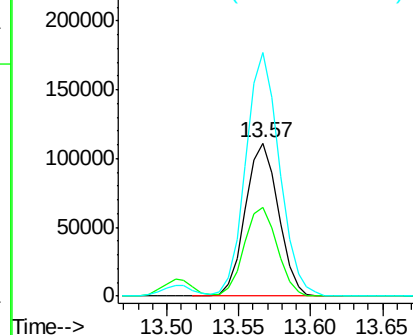


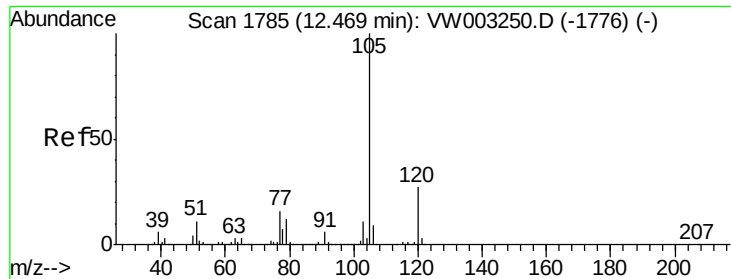
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.39 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion:105 Resp: 250908

Ion Ratio Lower Upper

105 100

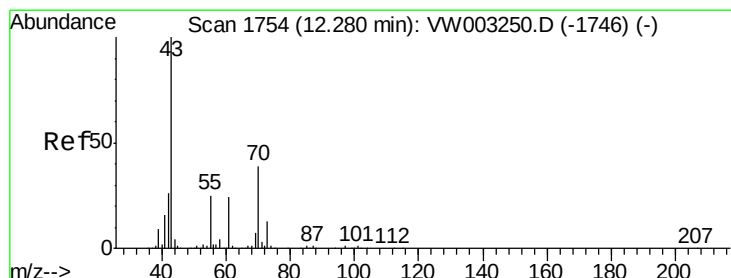
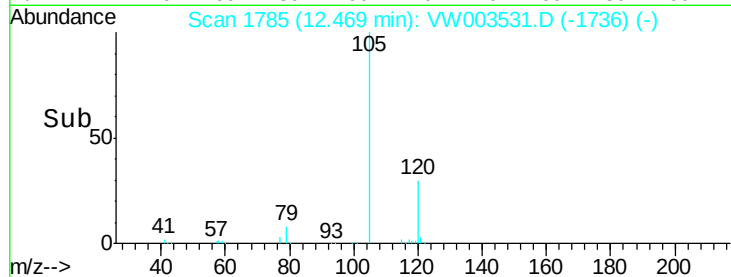
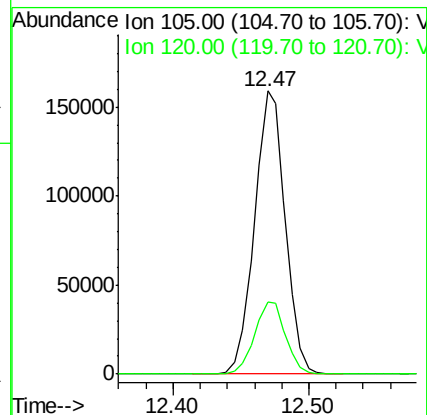
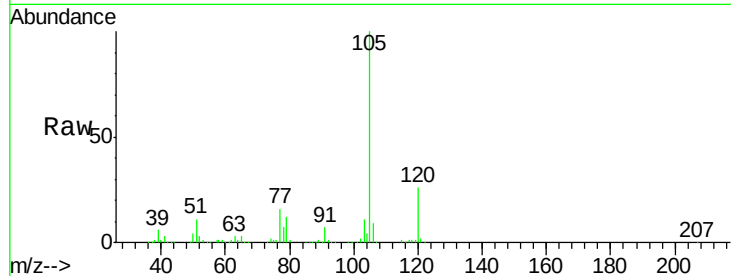
120 25.8 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.63 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion: 43 Resp: 60580

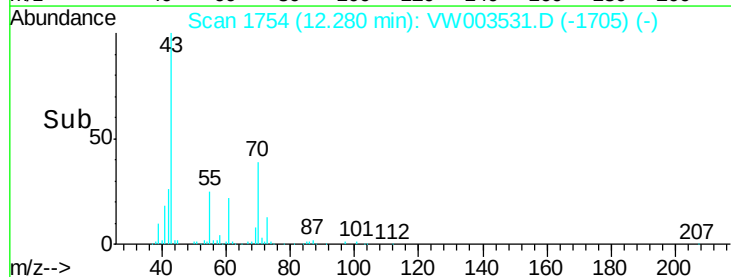
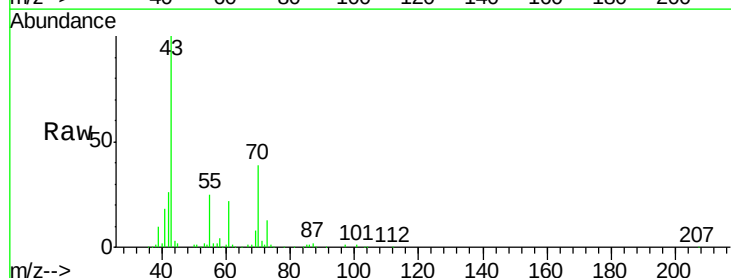
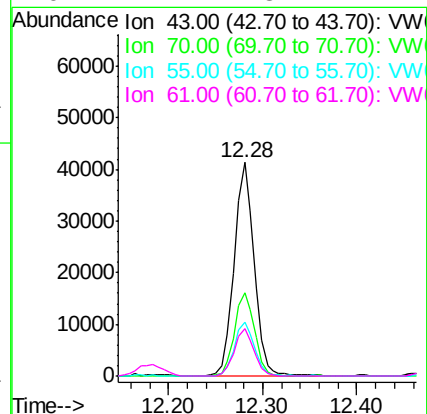
Ion Ratio Lower Upper

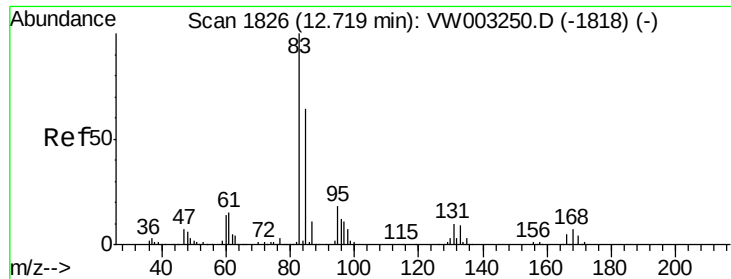
43 100

70 39.1 31.0 46.6

55 25.7 19.7 29.5

61 22.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.59 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

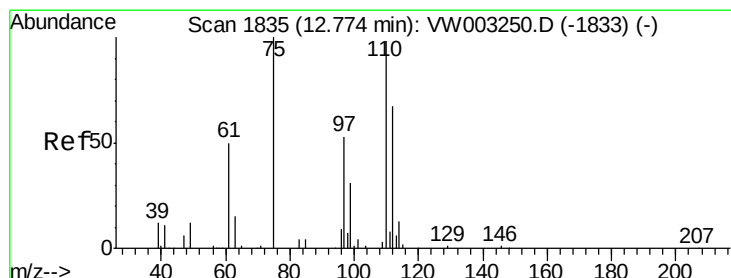
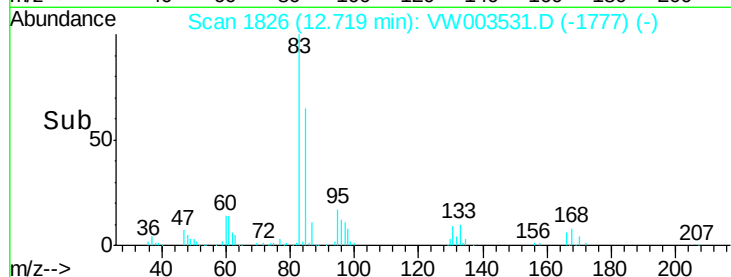
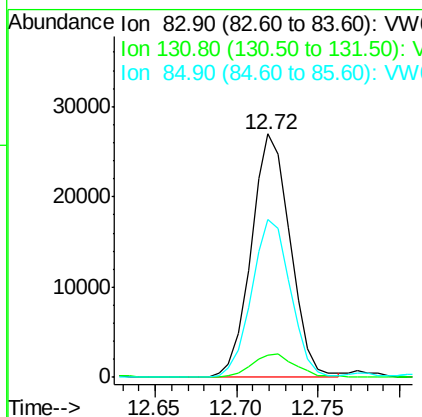
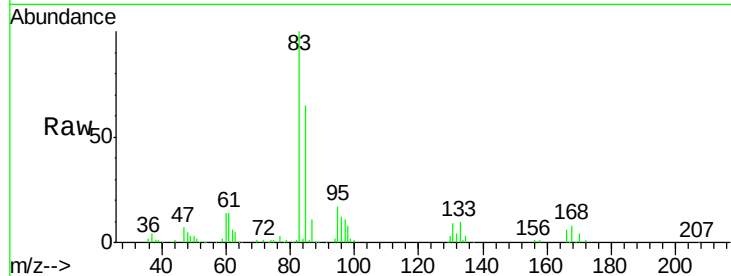
ClientSampleId :

VW0624SBSD02

Tot Ion:	83	Resp:	44936
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	64.7	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.67 ug/l m

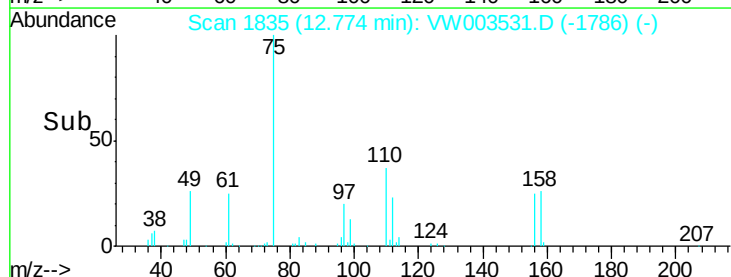
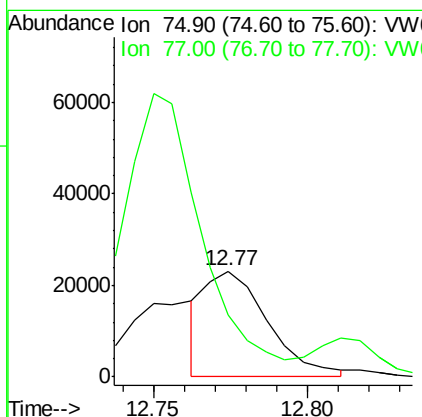
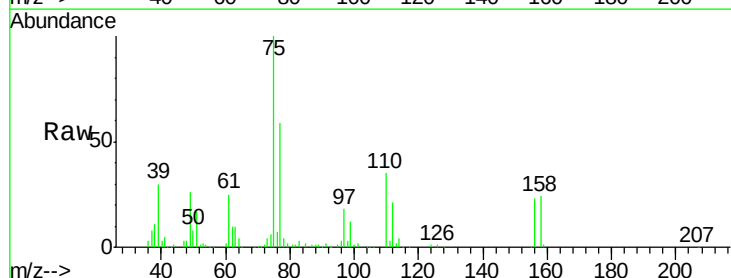
RT: 12.77 min Scan# 1835

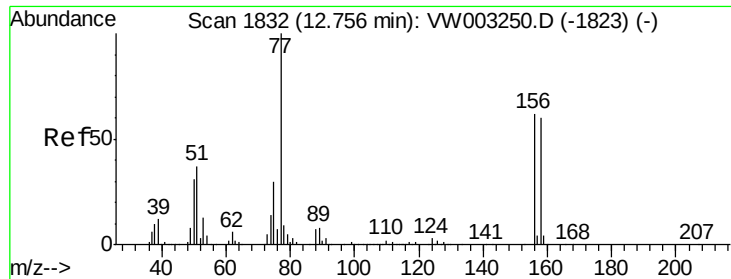
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	75	Resp:	32768
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.83 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

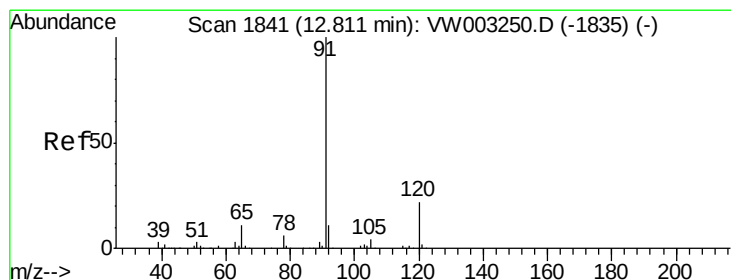
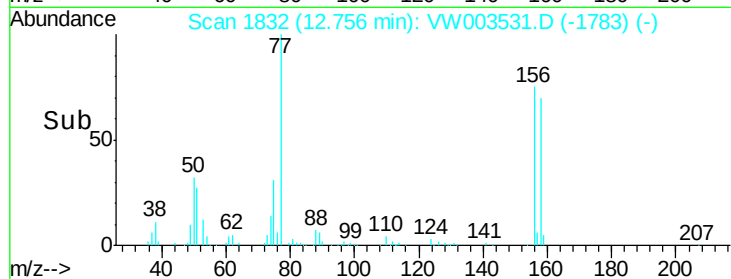
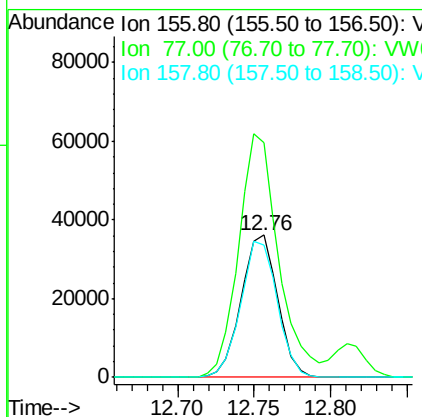
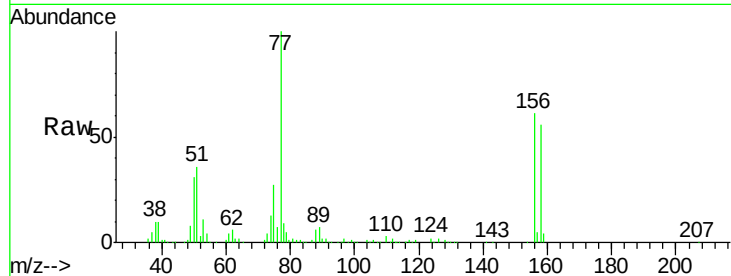
ClientSampleId :

VW0624SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		59693		
77	187.7	92.3	276.9		
158	96.2	47.5	142.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 20.66 ug/l

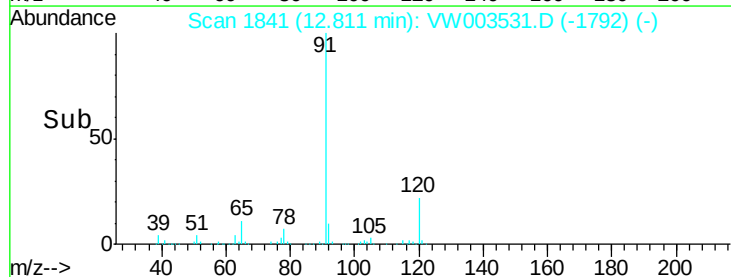
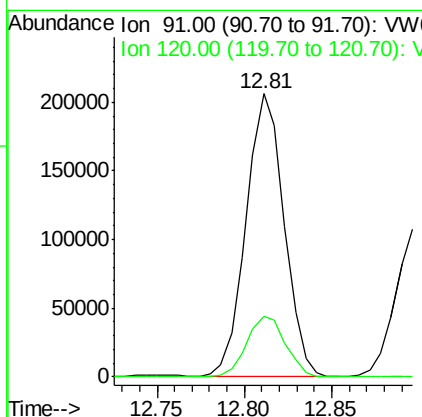
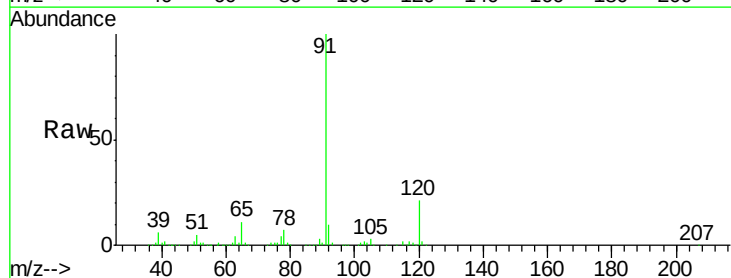
RT: 12.81 min Scan# 1841

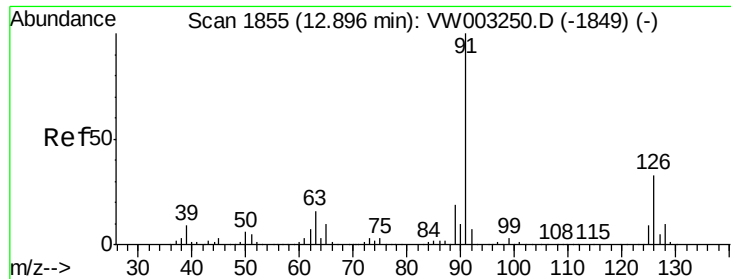
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		311315		
120	22.1	11.3	33.8		





#79

2-Chlorotoluene

Concen: 20.85 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 91 Resp: 177546

Ion Ratio Lower Upper

91 100

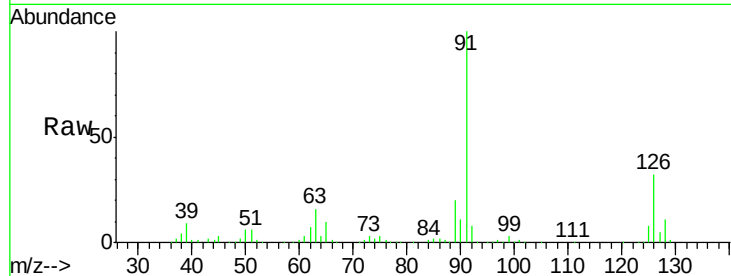
126 33.6 16.8 50.4

Manual Integrations

APPROVED

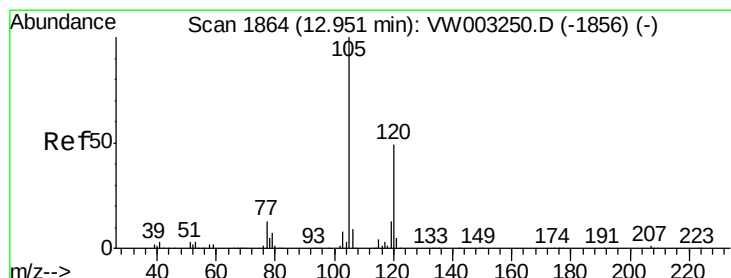
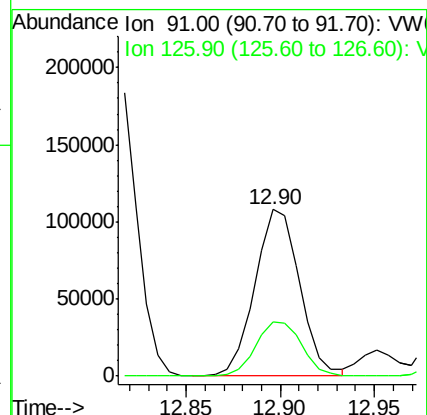
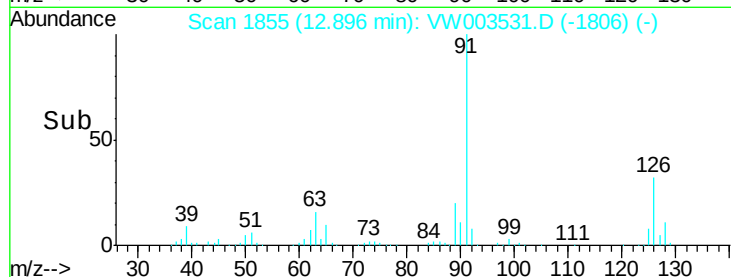
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.88 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003531.D

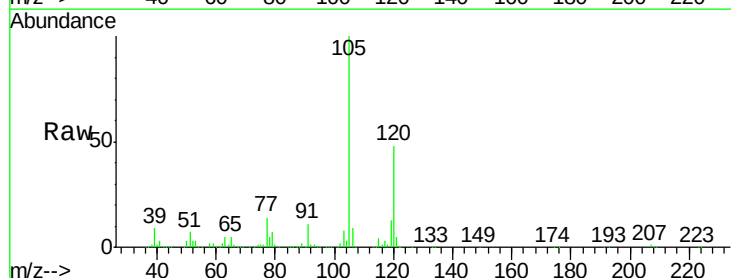
Acq: 25 Jun 2018 02:17

Tgt Ion:105 Resp: 215638

Ion Ratio Lower Upper

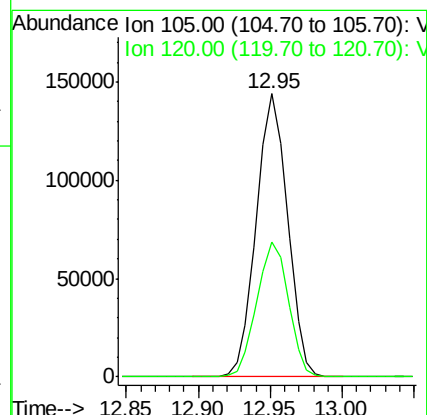
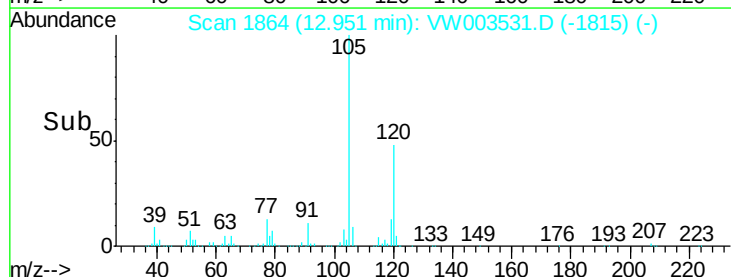
105 100

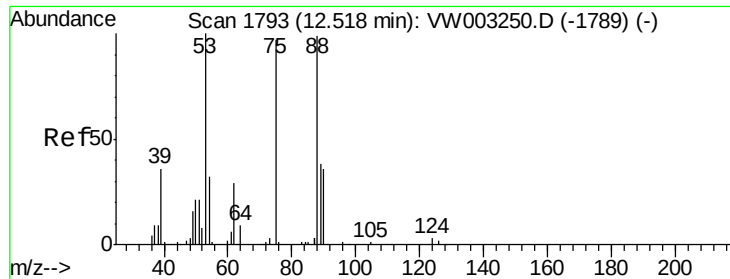
120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





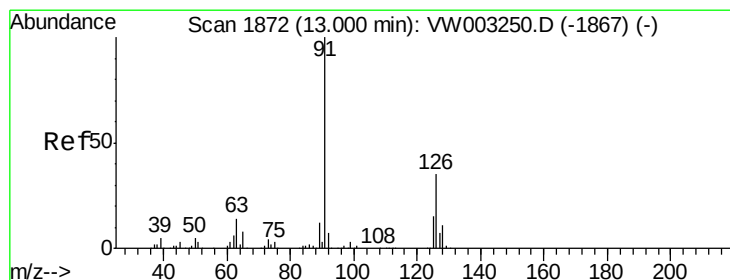
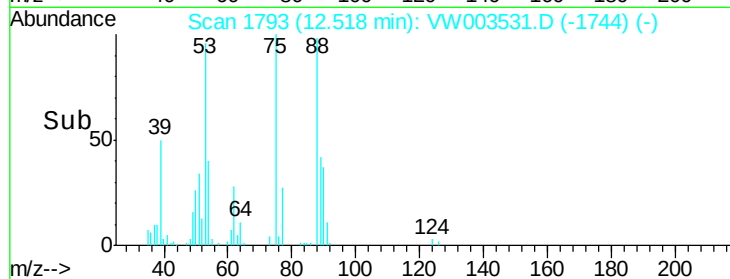
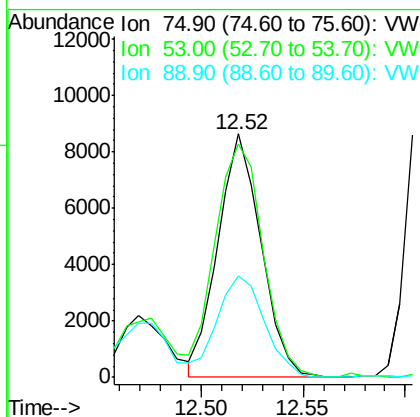
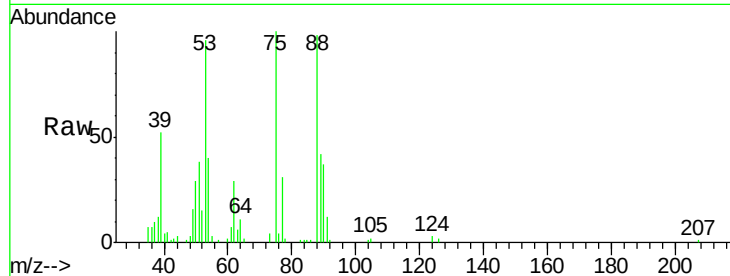
#81
trans-1,4-Dichloro-2-butene
Concen: 19.25 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	82.9	124.3
89	46.0	36.7	55.1

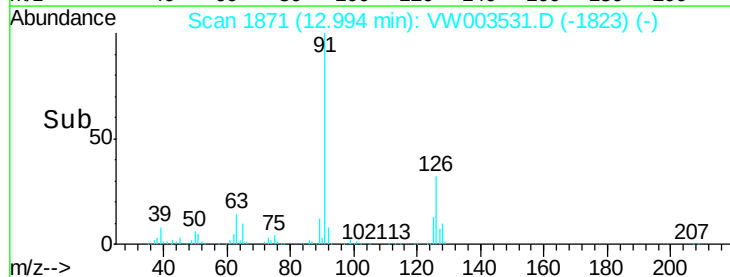
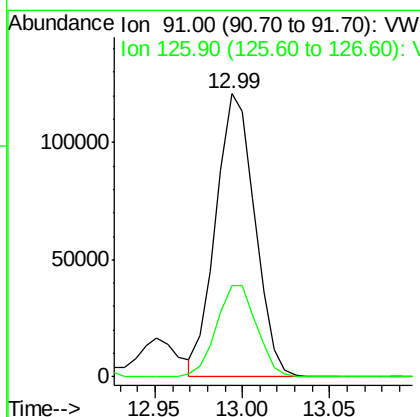
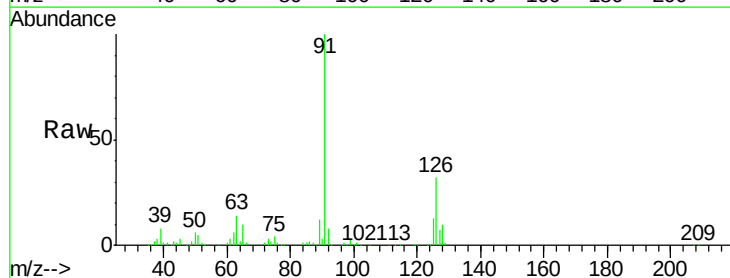
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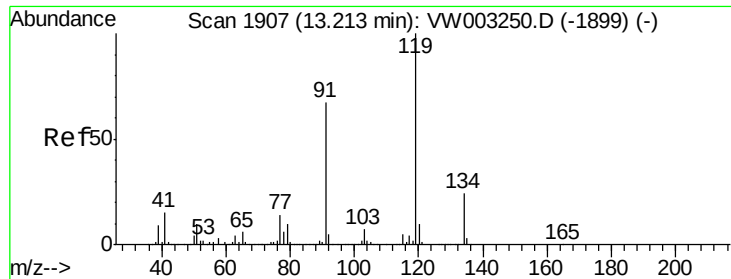
apatel
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#82
4-Chlorotoluene
Concen: 20.73 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





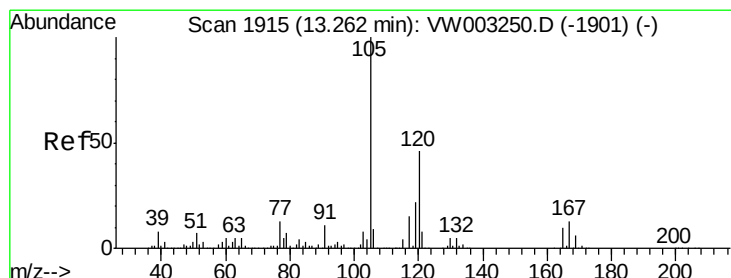
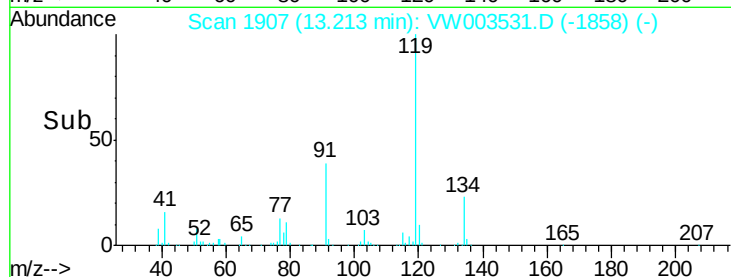
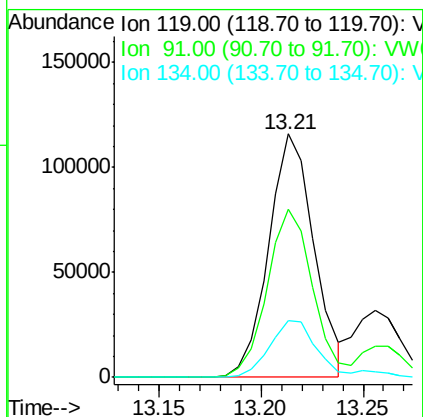
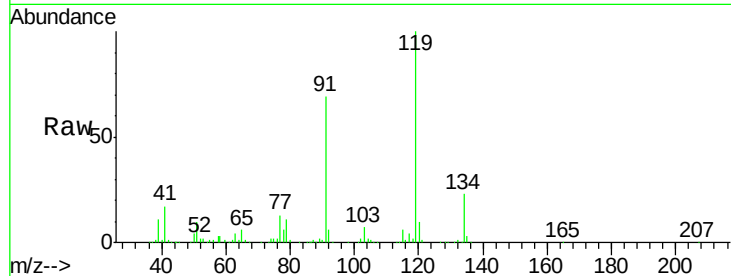
#83
tert-Butylbenzene
Concen: 20.45 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179950		
91	69.6		33.9	101.7
134	24.1		13.4	40.1

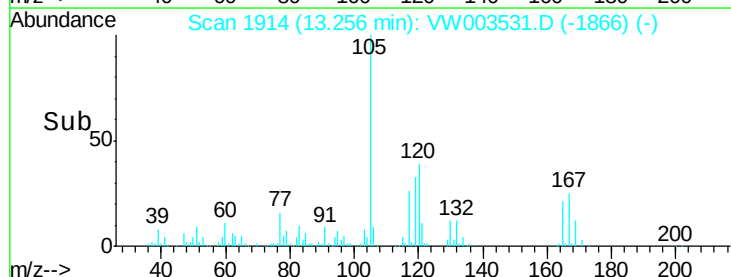
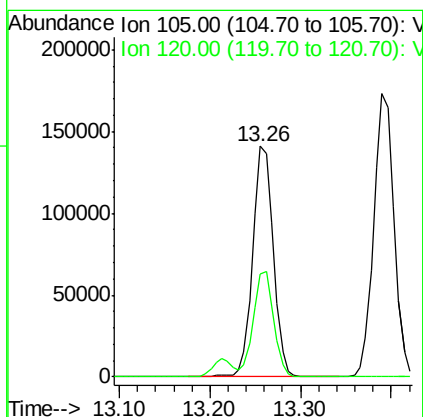
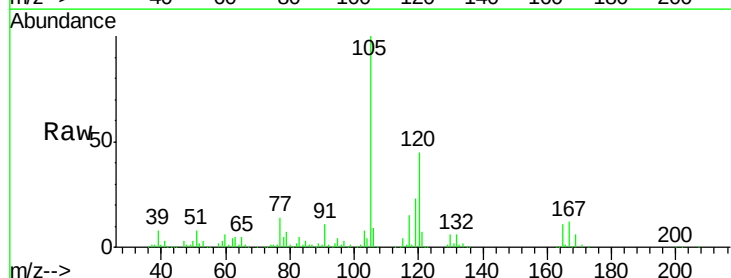
Manual Integrations
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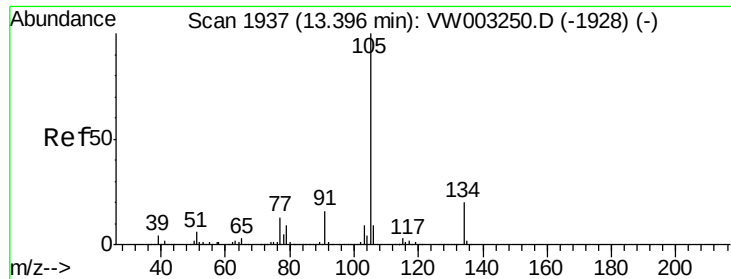
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#84
1,2,4-Trimethylbenzene
Concen: 20.92 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003531.D
Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222269		
120	44.9		22.5	67.5





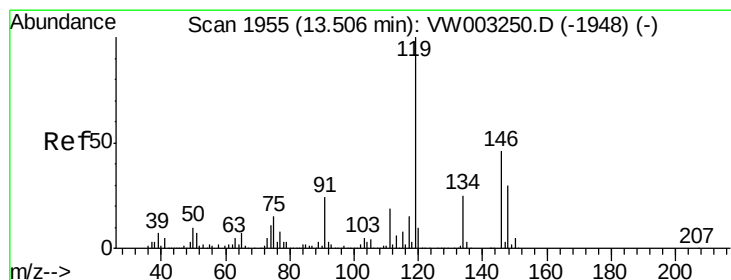
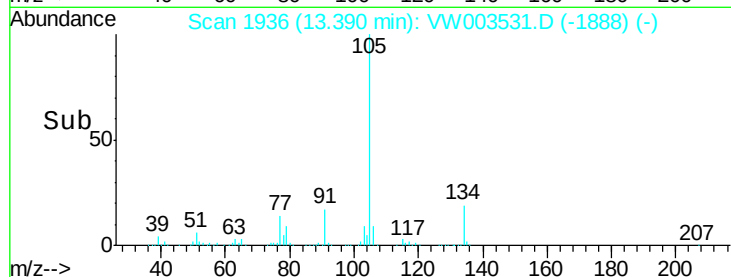
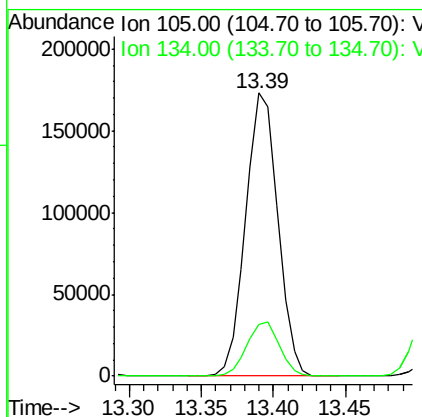
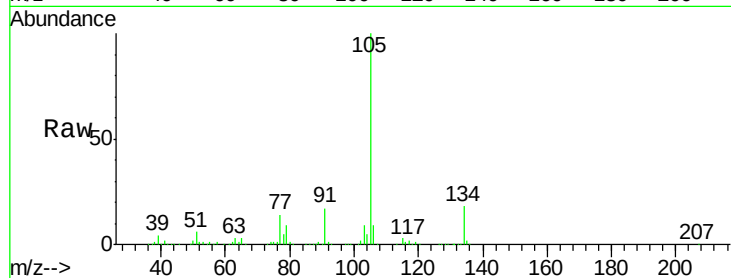
#85
 sec-Butylbenzene
 Concen: 20.46 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

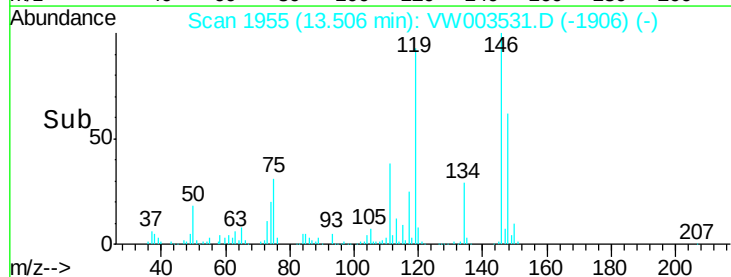
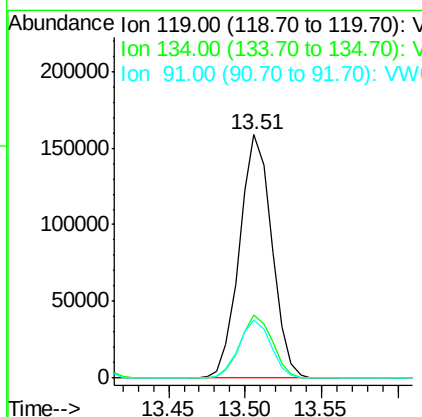
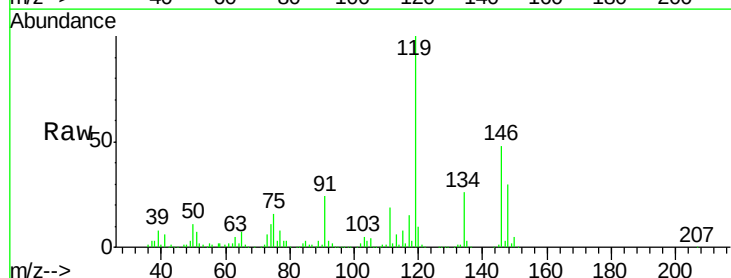
Manual Integrations
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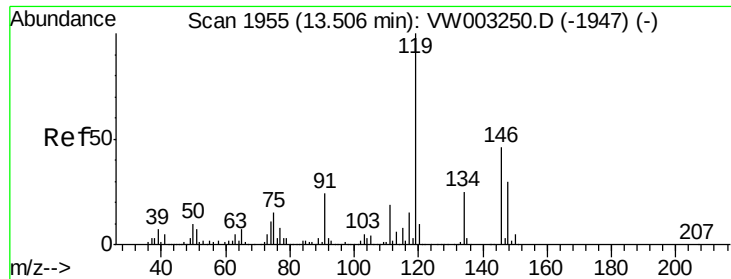
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#86
 p-Isopropyltoluene
 Concen: 20.13 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.7	11.8	35.3





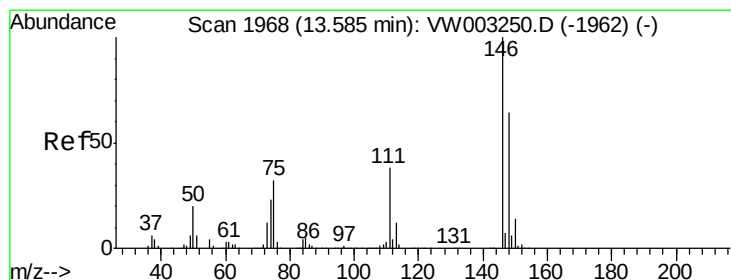
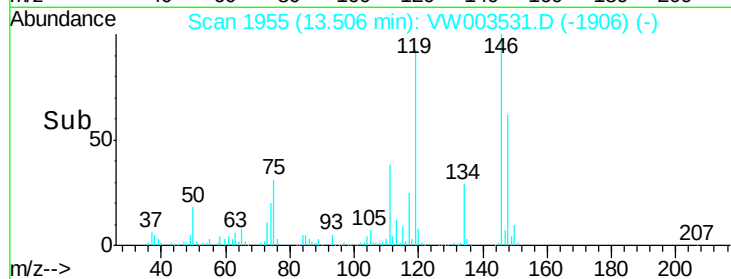
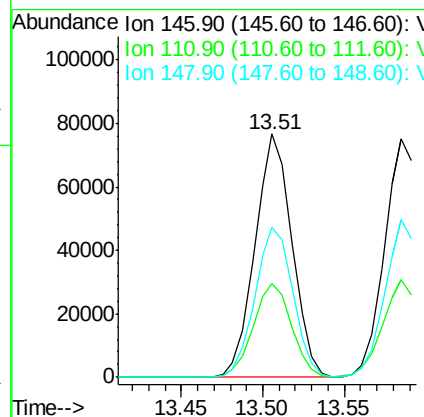
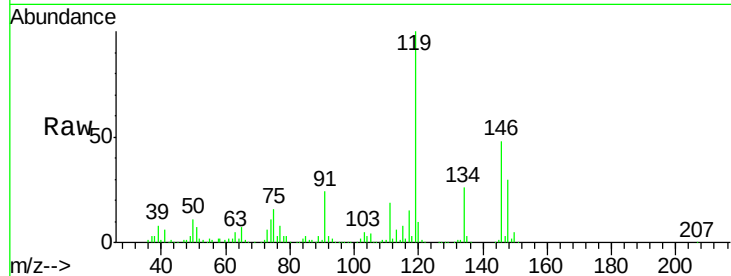
#87
 1,3-Dichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.5	32.1	96.5

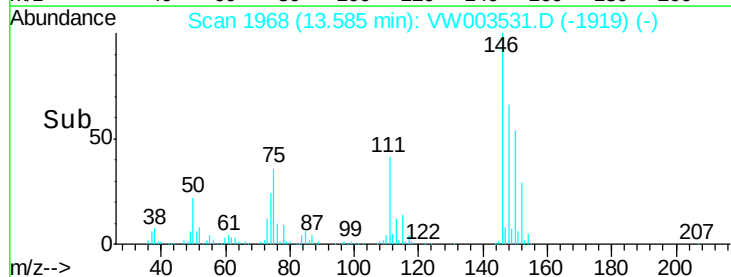
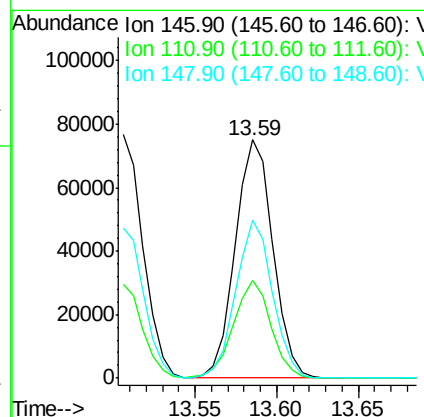
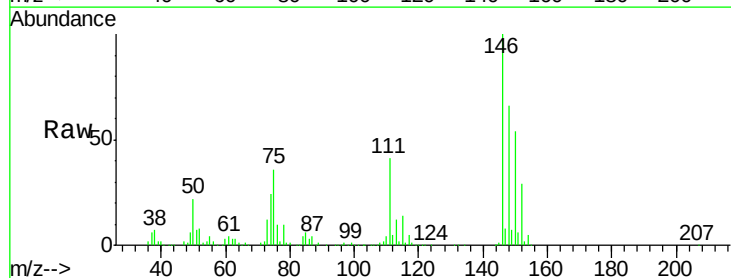
Manual Integrations
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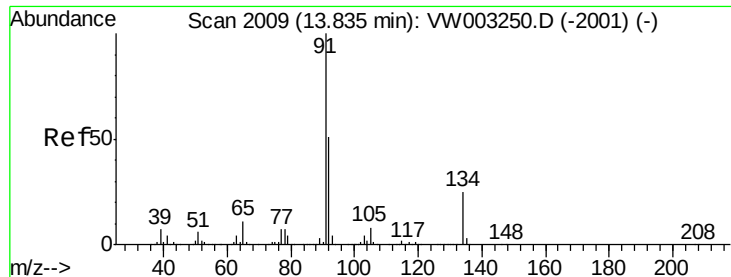
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#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.2	57.6
148	64.5	31.8	95.4





#89

n-Butylbenzene

Concen: 19.98 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

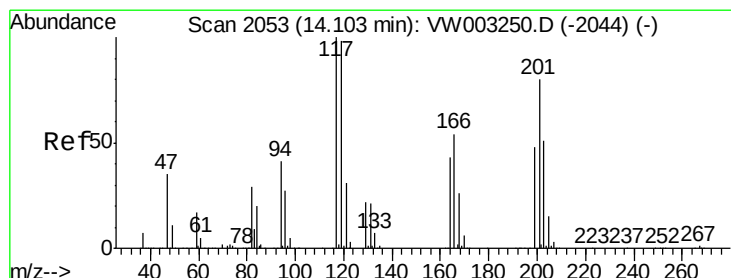
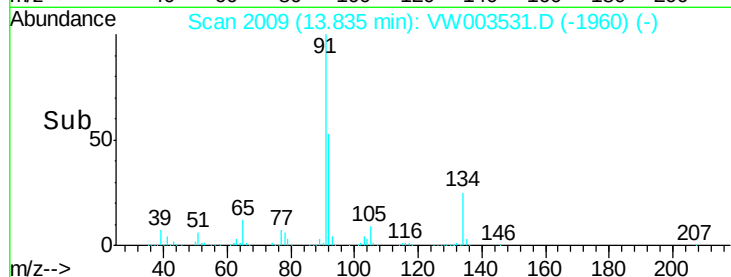
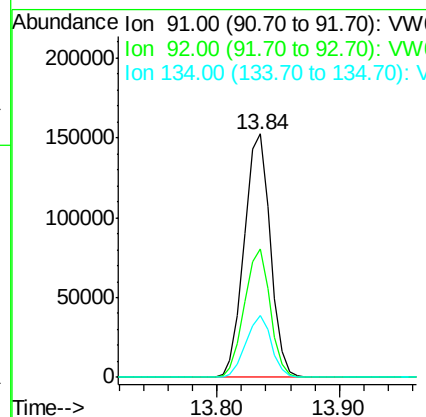
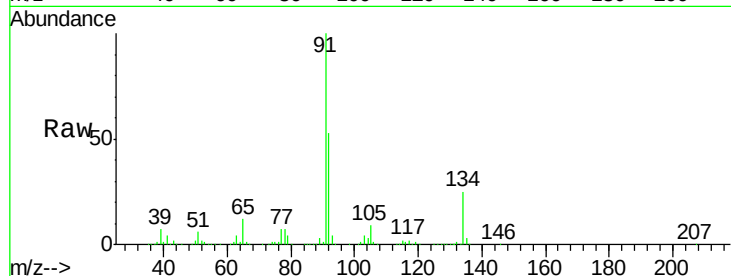
ClientSampleId :

VW0624SBS02

Tot Ion:	91	Resp:	224719
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	24.8	12.7	38.0

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#90

Hexachloroethane

Concen: 20.22 ug/l

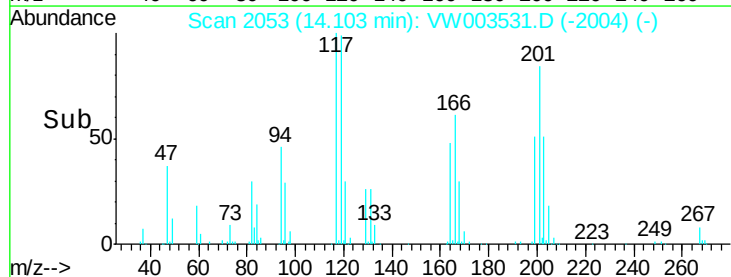
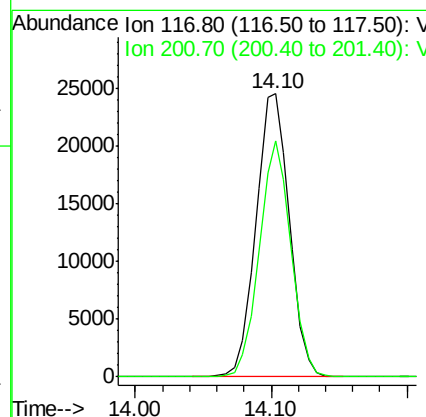
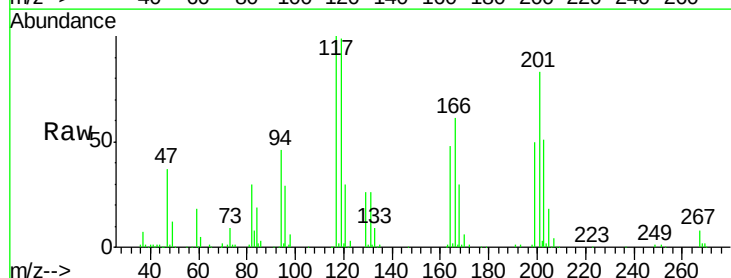
RT: 14.10 min Scan# 2053

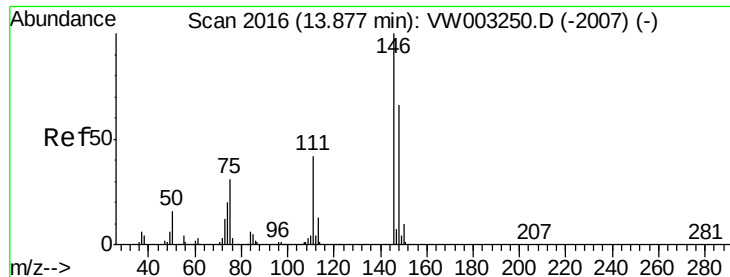
Delta R.T. 0.00 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	117	Resp:	42214
Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.5	118.5





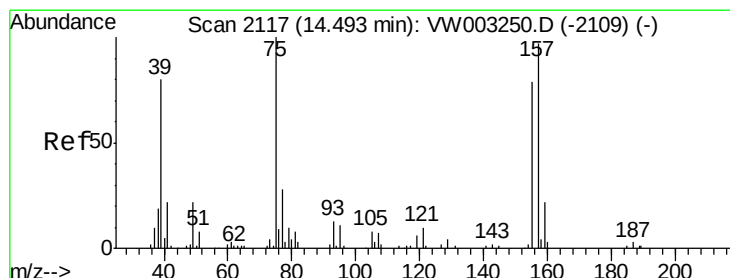
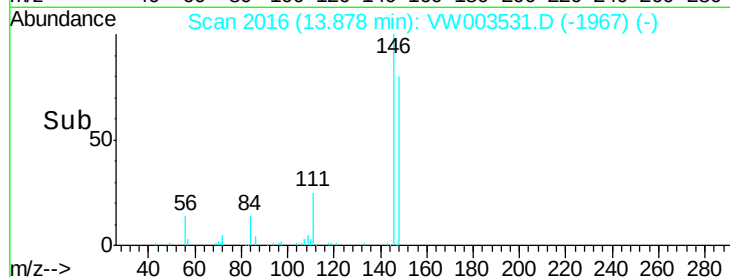
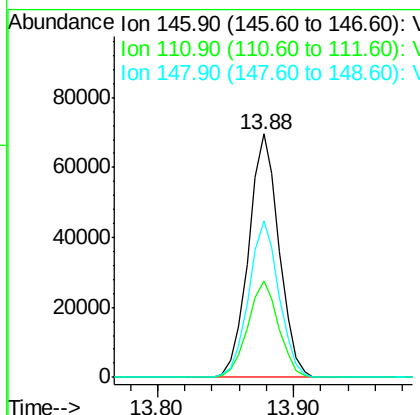
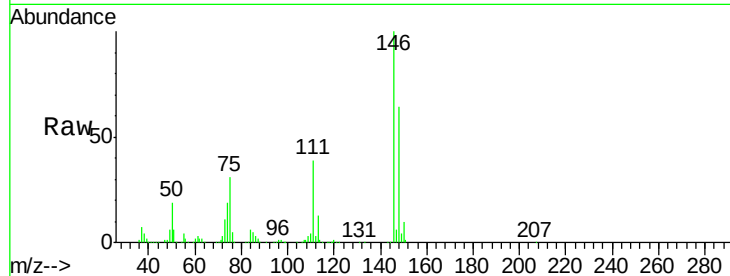
#91
 1,2-Dichlorobenzene
 Concen: 21.20 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109325		
111	39.9	20.3	61.0	
148	63.6	32.3	96.9	

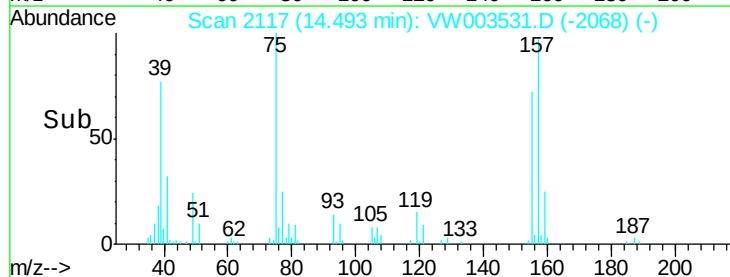
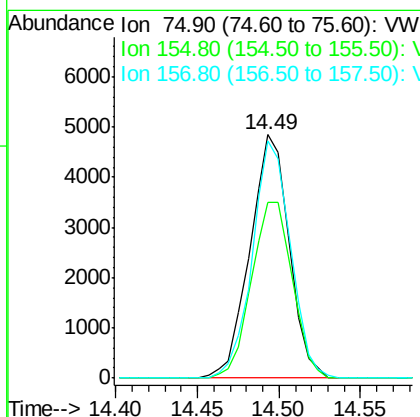
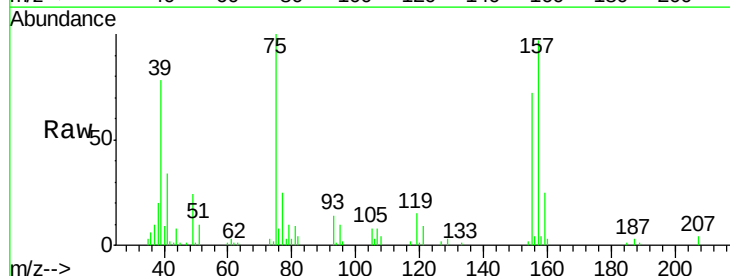
Manual Integrations
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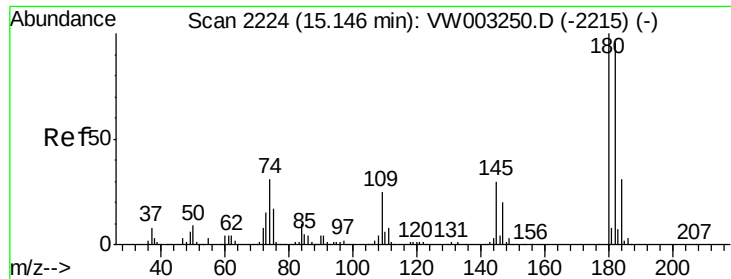
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.02 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8064		
155	75.5	39.4	118.2	
157	94.7	51.5	154.5	





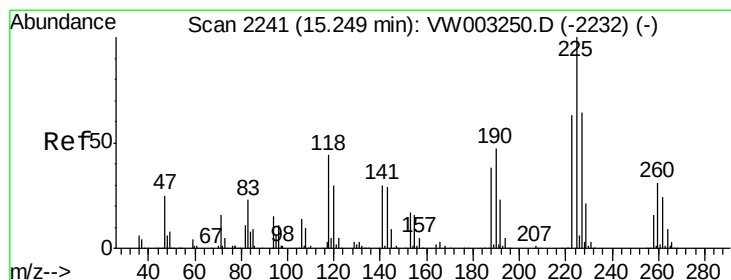
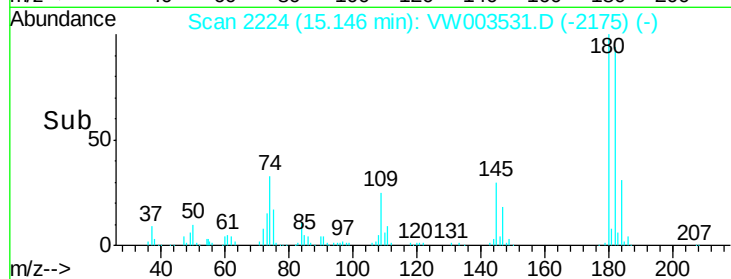
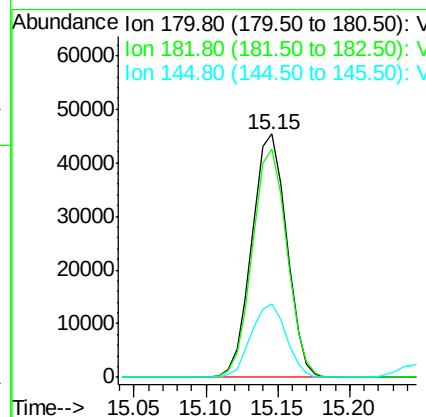
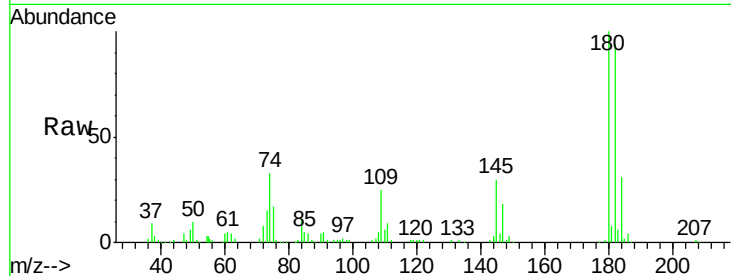
#93
 1,2,4-Trichlorobenzene
 Concen: 20.93 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.9	143.6
145	30.4	15.2	45.5

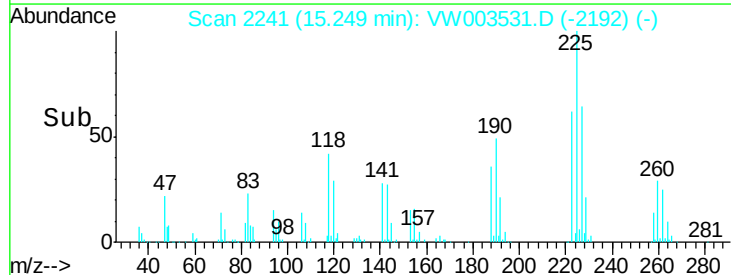
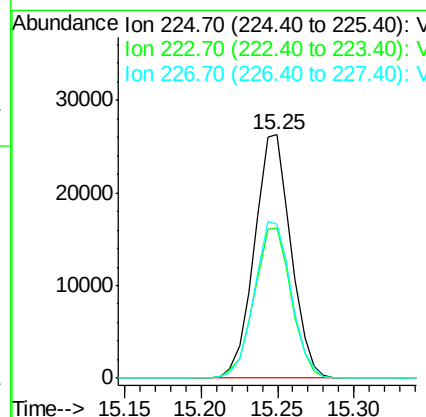
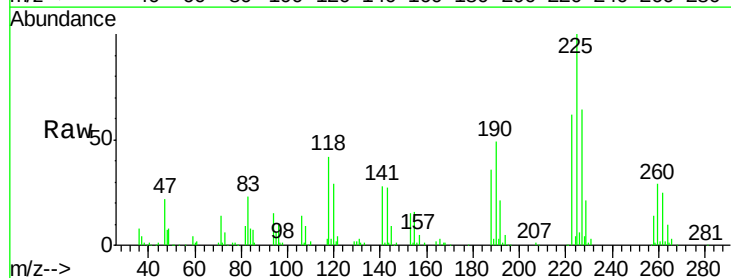
Manual Integrations
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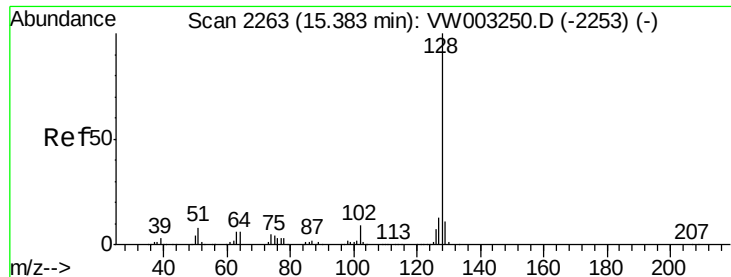
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#94
 Hexachlorobutadiene
 Concen: 20.03 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003531.D
 Acq: 25 Jun 2018 02:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.6	92.0
227	65.1	31.7	95.1





#95

Naphthalene

Concen: 21.67 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Instrument :

MSVOA_W

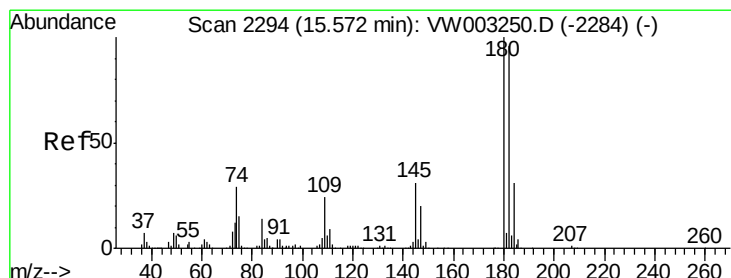
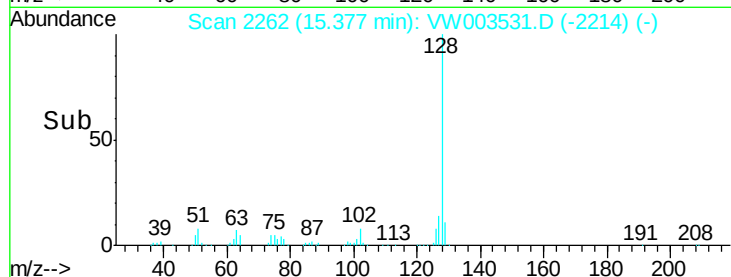
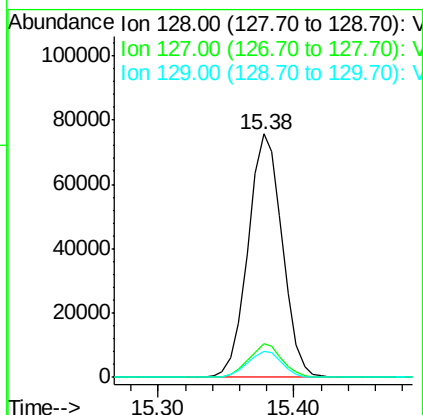
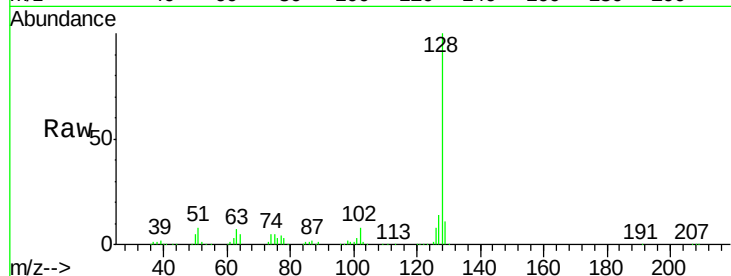
ClientSampleId :

VW0624SBSD02

Tot Ion:	128	Resp:	133088
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 4:40:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.09 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003531.D

Acq: 25 Jun 2018 02:17

Tgt Ion:	180	Resp:	67187
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.6
145	31.9	15.8	47.4

