

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011469.D
 Acq On : 24 Jul 2019 12:40
 Operator : SY/VA
 Sample : VW0725SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 8:18:06 AM

Quant Time: Jul 25 04:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128426	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	7.88	113	106320	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.32	98	431406	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.62	95	157319	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31147	17.823	ug/l	95
3) Chloromethane	2.21	50	47605	21.141	ug/l	95
4) Vinyl Chloride	2.36	62	59752	20.273	ug/l	97
5) Bromomethane	2.76	94	28652	19.346	ug/l	89
6) Chloroethane	2.91	64	30352	19.119	ug/l	98
7) Trichlorofluoromethane	3.25	101	23234	22.190	ug/l	98
8) Diethyl Ether	3.68	74	28514	19.682	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48968	19.525	ug/l	98
10) Methyl Iodide	4.26	142	68028	19.722	ug/l	98
11) Tert butyl alcohol	5.17	59	23117	106.048	ug/l	97
12) 1,1-Dichloroethene	4.04	96	50445	19.379	ug/l	93
13) Acrolein	3.89	56	12818	73.845	ug/l	96
14) Allyl chloride	4.66	41	100283	21.127	ug/l	99
15) Acrylonitrile	5.36	53	73367	99.437	ug/l	99
16) Acetone	4.12	43	68987	97.380	ug/l	99
17) Carbon Disulfide	4.39	76	140314	17.780	ug/l	98
18) Methyl Acetate	4.67	43	48990	23.571	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	81598	20.660	ug/l	100
20) Methylene Chloride	4.92	84	55877	19.994	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52722	19.492	ug/l	93
22) Diisopropyl ether	6.31	45	202714	19.856	ug/l	97
23) Vinyl Acetate	6.25	43	584505	92.510	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106469	19.860	ug/l	99
25) 2-Butanone	7.17	43	109480	98.449	ug/l	98
26) 2,2-Dichloropropane	7.17	77	59693	21.420	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59221	20.297	ug/l	98
28) Bromochloromethane	7.51	49	48296	19.812	ug/l	97
29) Tetrahydrofuran	7.52	42	69169	94.859	ug/l	100
30) Chloroform	7.67	83	96707	19.478	ug/l	98
31) Cyclohexane	7.95	56	109367	19.176	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	74533	19.735	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79932	19.694	ug/l	99
37) Ethyl Acetate	7.25	43	48161	19.750	ug/l	99
38) Carbon Tetrachloride	8.07	117	66495	19.327	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96414	19.599	ug/l	98
40) Benzene	8.32	78	227128	20.249	ug/l	99
41) Methacrylonitrile	7.48	41	28170	20.198	ug/l	93
42) 1,2-Dichloroethane	8.40	62	70761	19.447	ug/l	98
43) Isopropyl Acetate	8.42	43	89170	19.368	ug/l	99
44) Trichloroethene	9.09	130	55105	20.416	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61484	20.242	ug/l	99
46) Dibromomethane	9.46	93	27962	19.598	ug/l	97
47) Bromodichloromethane	9.64	83	69448	19.023	ug/l	97
48) Methyl methacrylate	9.43	41	41667	18.812	ug/l	95
49) 1,4-Dioxane	9.45	88	9223	387.259	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	228168	94.873	ug/l	99
52) Toluene	10.38	92	138118	20.299	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73143	18.822	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	87813	19.198	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	40846	20.179	ug/l	95
56) Ethyl methacrylate	10.65	69	59436	19.286	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75618	19.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	101471	71.023	ug/l	99
59) 2-Hexanone	10.97	43	161106	96.595	ug/l	99
60) Dibromochloromethane	11.13	129	42236	19.028	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37666	19.645	ug/l	99
64) Tetrachloroethene	10.86	164	48203	21.469	ug/l	95
65) Chlorobenzene	11.66	112	137199	20.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48020	20.161	ug/l	99
67) Ethyl Benzene	11.73	91	263529	20.349	ug/l	100
68) m/p-Xylenes	11.84	106	194025	41.406	ug/l	99
69) o-Xylene	12.16	106	89764	20.324	ug/l	100
70) Styrene	12.18	104	156168	20.489	ug/l	99
71) Bromoform	12.35	173	23454	18.520	ug/l #	98
73) Isopropylbenzene	12.46	105	255656	21.381	ug/l	100
74) N-amyl acetate	12.27	43	81429	19.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48388	19.741	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33285m	18.006	ug/l	
77) Bromobenzene	12.75	156	56732	21.141	ug/l	95
78) n-propylbenzene	12.80	91	308484	20.943	ug/l	100
79) 2-Chlorotoluene	12.89	91	176273	20.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	212055	20.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15266	18.679	ug/l	98
82) 4-Chlorotoluene	12.99	91	181257	20.531	ug/l	100
83) tert-Butylbenzene	13.21	119	180543	21.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	213773	20.958	ug/l	100
85) sec-Butylbenzene	13.38	105	259594	21.235	ug/l	99
86) p-Isopropyltoluene	13.50	119	231616	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109571	21.223	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	107542	20.685	ug/l	99
89) n-Butylbenzene	13.82	91	228168	20.860	ug/l	100
90) Hexachloroethane	14.09	117	39502	19.715	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96804	20.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8098	18.626	ug/l	96

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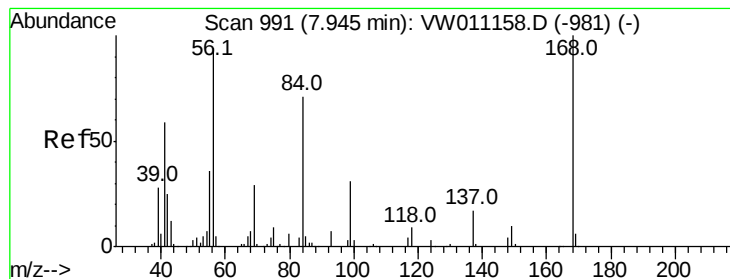
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	67106	20.801	ug/l	99
94) Hexachlorobutadiene	15.24	225	41691	21.049	ug/l	98
95) Naphthalene	15.37	128	121655	19.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	58694	20.614	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion:168 Resp: 234318

Ion Ratio Lower Upper

168 100

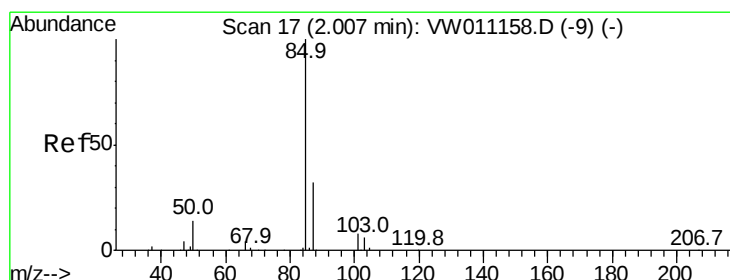
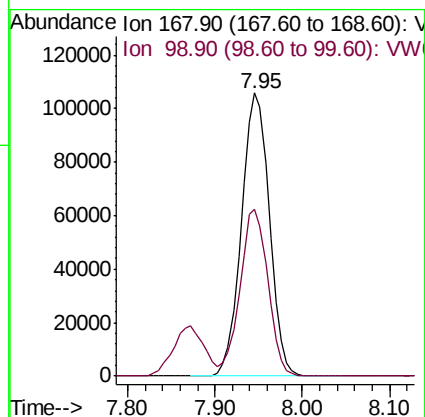
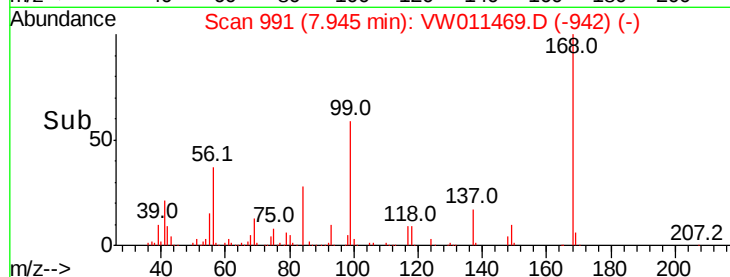
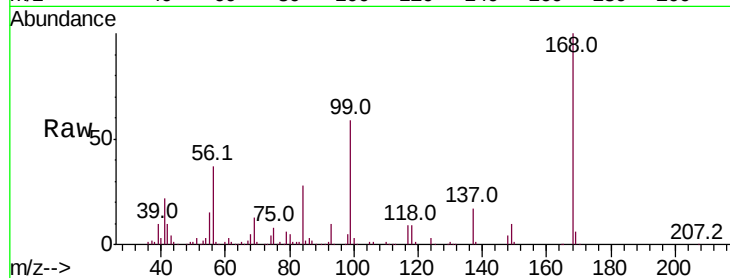
99 59.0 50.1 75.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.823 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011469.D

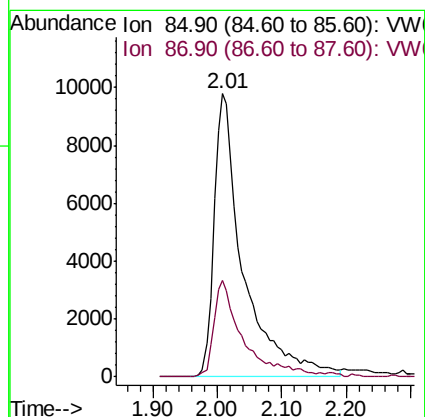
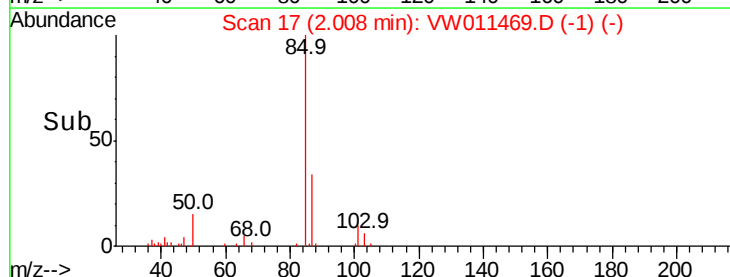
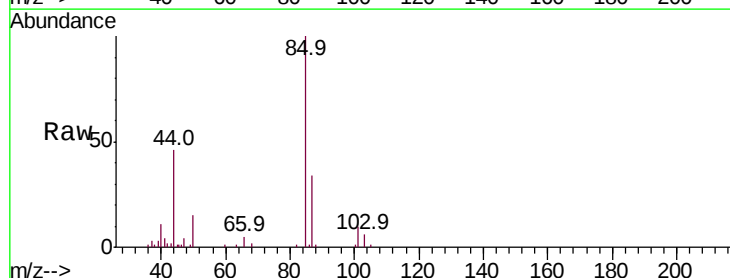
Acq: 24 Jul 2019 12:40

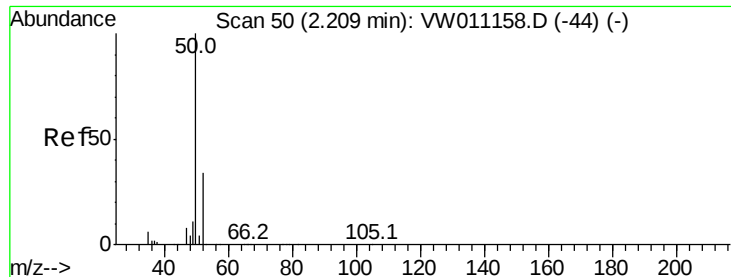
Tgt Ion: 85 Resp: 31147

Ion Ratio Lower Upper

85 100

87 34.3 15.9 47.6





#3

Chloromethane

Concen: 21.141 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 50 Resp: 47605

Ion Ratio Lower Upper

50 100

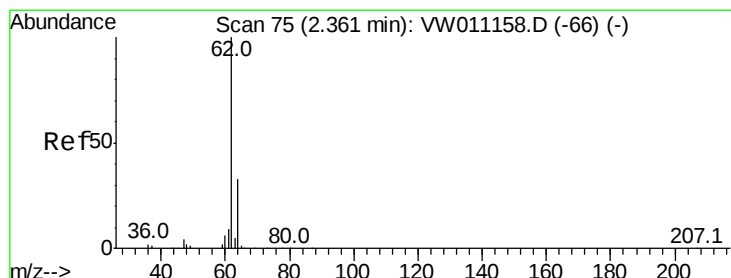
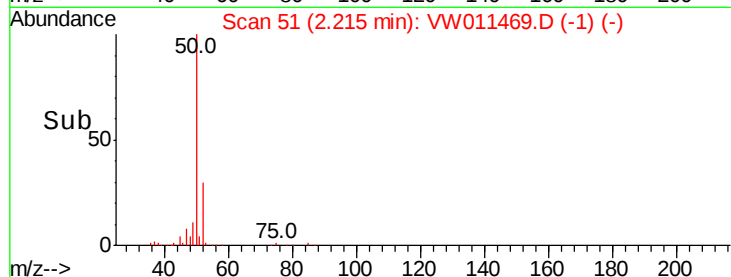
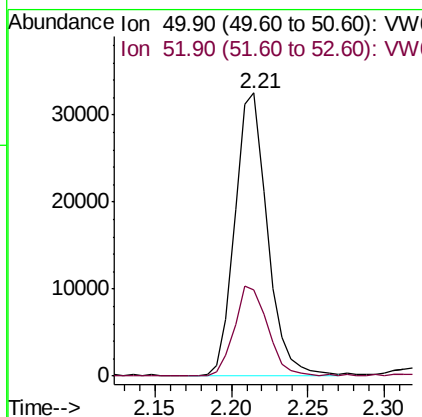
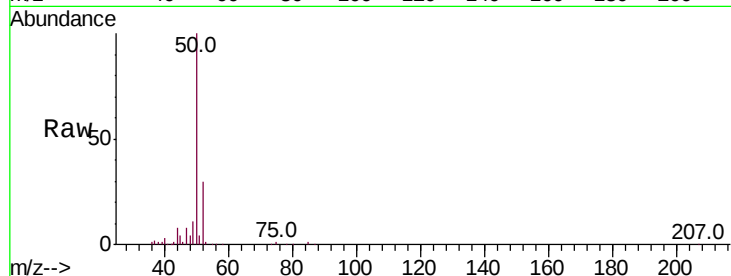
52 30.6 26.9 40.3

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#4

Vinyl Chloride

Concen: 20.273 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011469.D

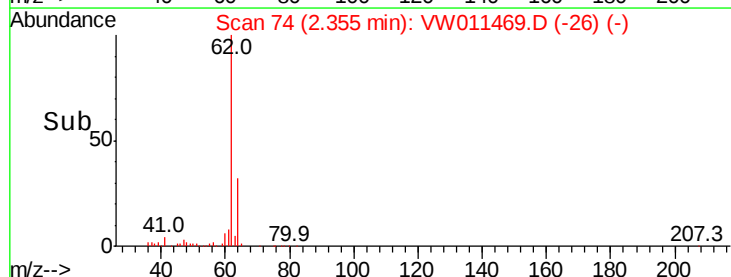
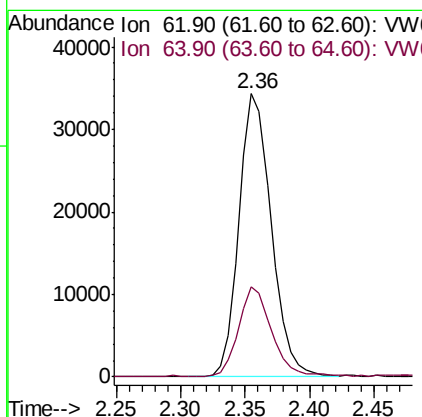
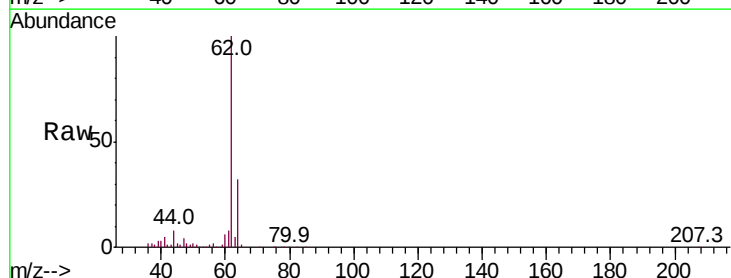
Acq: 24 Jul 2019 12:40

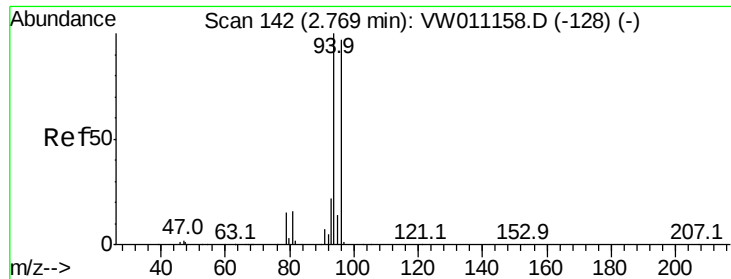
Tgt Ion: 62 Resp: 59752

Ion Ratio Lower Upper

62 100

64 31.4 26.6 40.0





#5

Bromomethane

Concen: 19.346 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 94 Resp: 28652

Ion Ratio Lower Upper

94 100

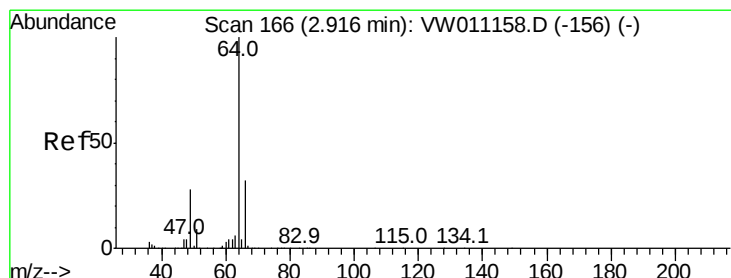
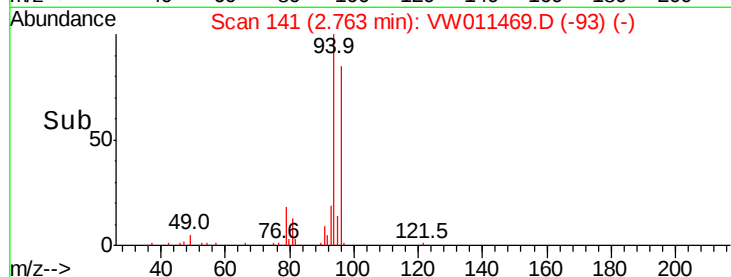
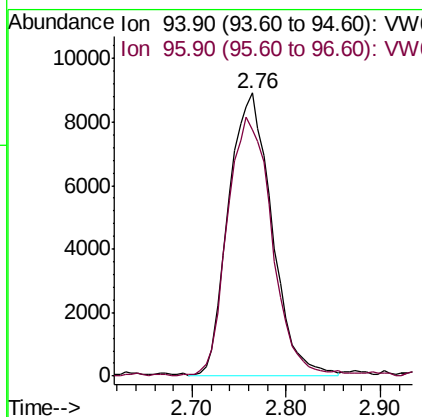
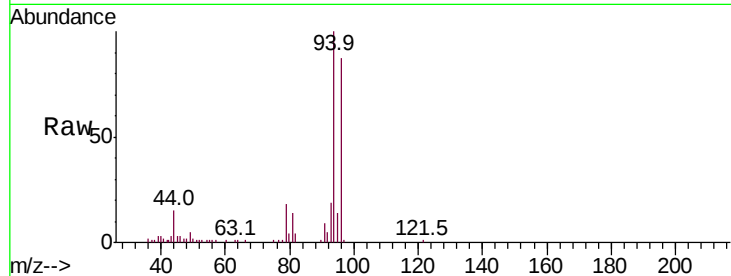
96 86.0 77.4 116.0

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#6

Chloroethane

Concen: 19.119 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011469.D

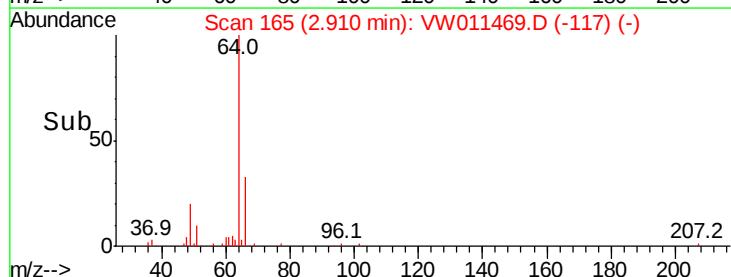
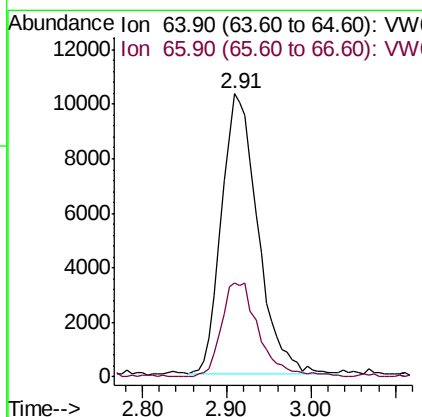
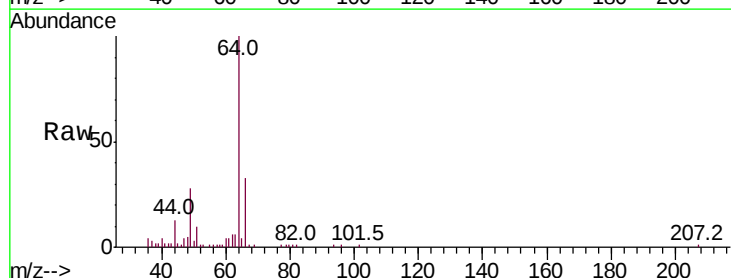
Acq: 24 Jul 2019 12:40

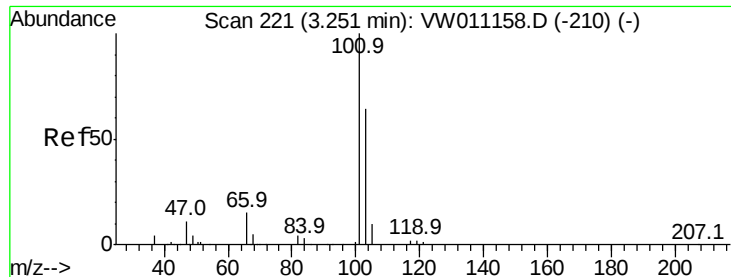
Tgt Ion: 64 Resp: 30352

Ion Ratio Lower Upper

64 100

66 33.7 25.8 38.8





#7

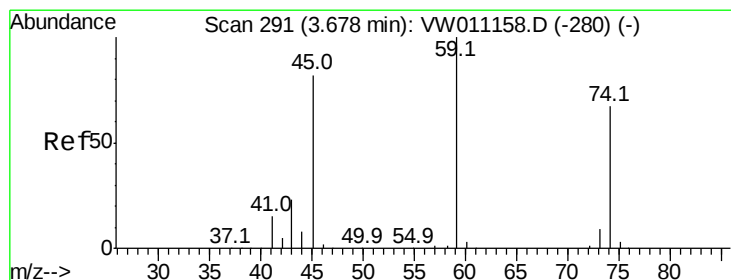
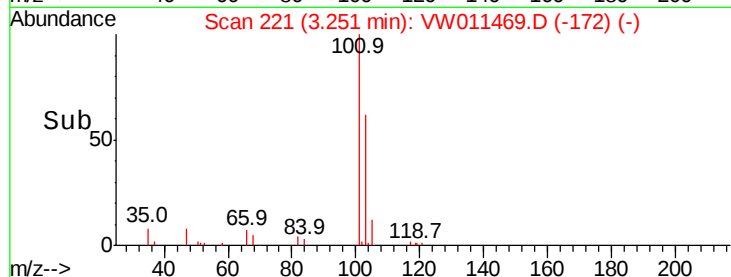
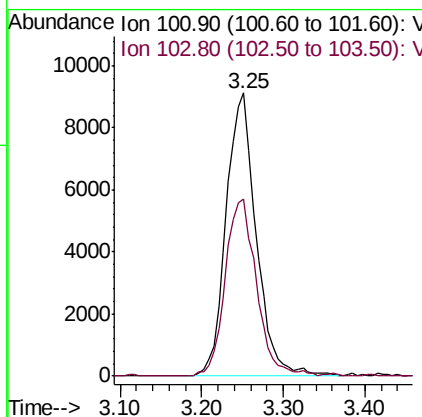
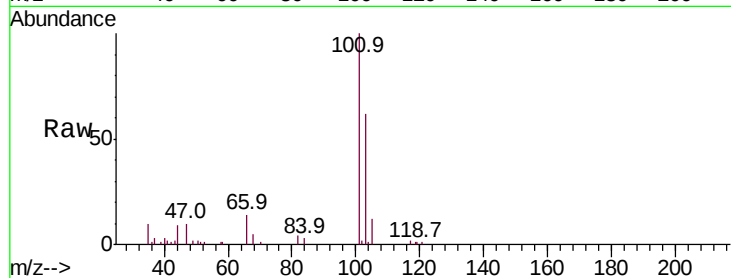
Trichlorofluoromethane
 Concen: 22.190 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
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 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.3	76.9

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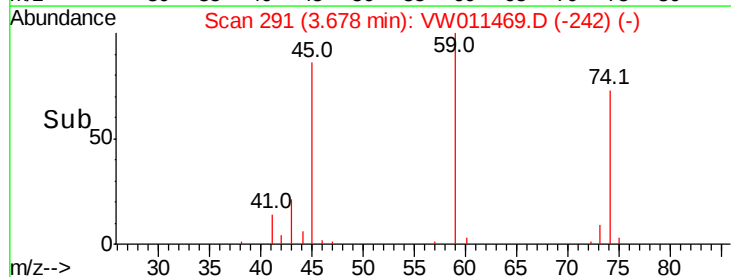
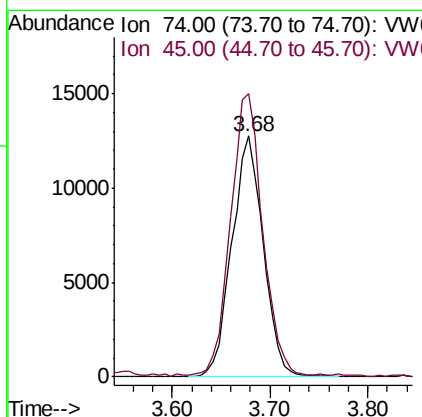
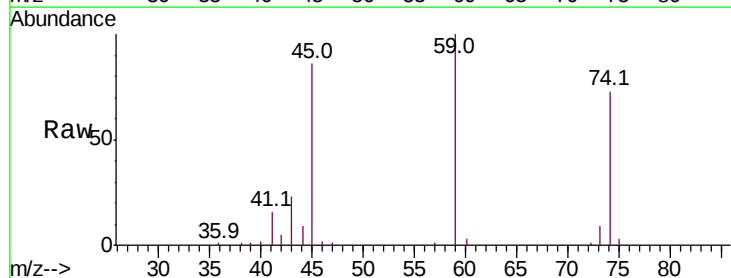
MMDadoda
 7/25/2019 8:18:06 AM

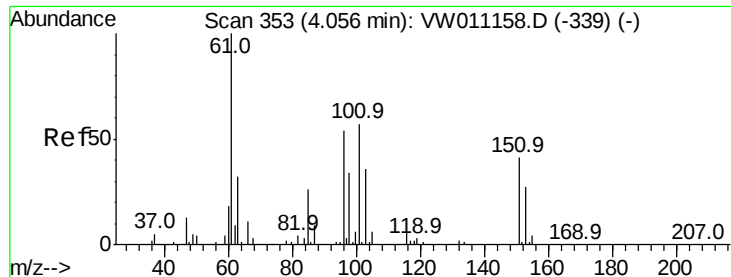


#8

Diethyl Ether
 Concen: 19.682 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.1	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.525 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

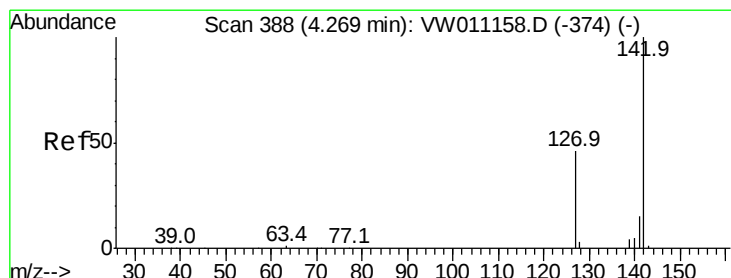
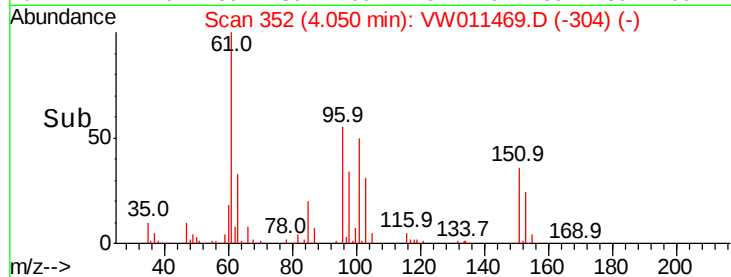
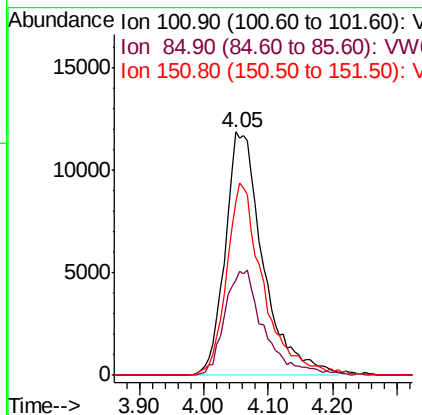
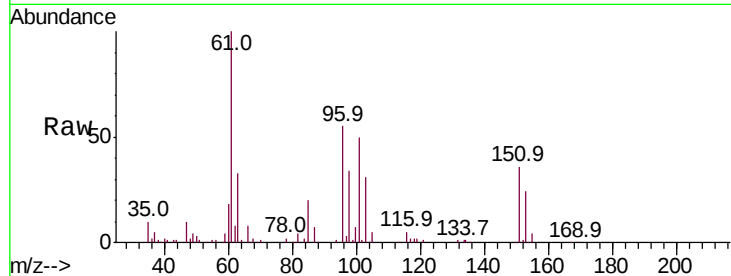
ClientSampleId :

VW0725SBS01

Tot Ion:	101	Resp:	48968
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.5	54.7
151	75.3	59.1	88.7

Manual Integrations
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#10

Methyl Iodide

Concen: 19.722 ug/l

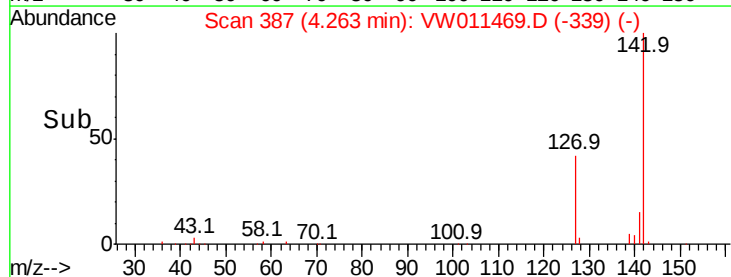
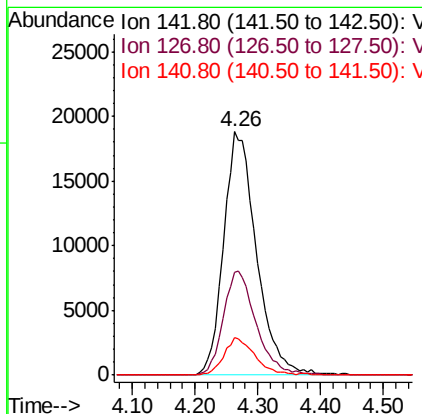
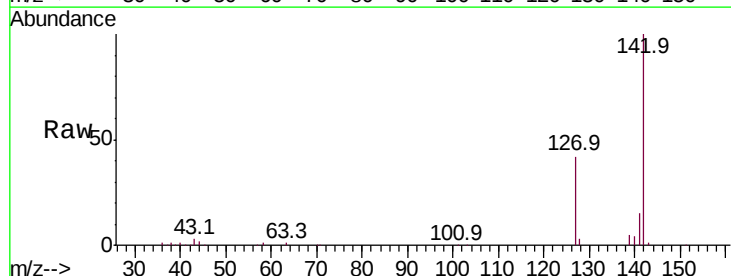
RT: 4.26 min Scan# 387

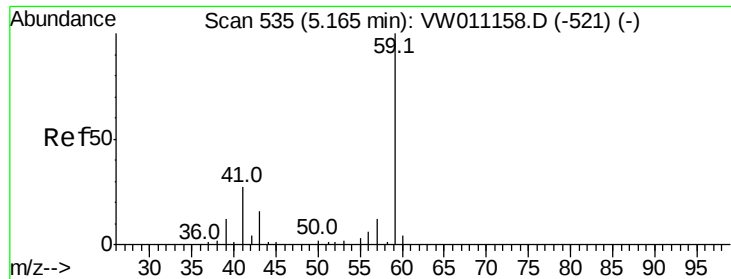
Delta R.T. -0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	142	Resp:	68028
Ion Ratio	Lower	Upper	
142	100		
127	42.7	35.7	53.5
141	14.7	11.5	17.3





#11

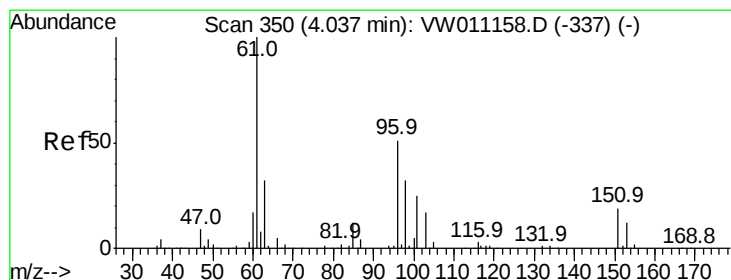
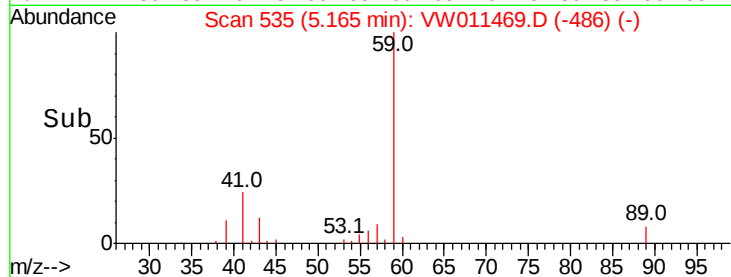
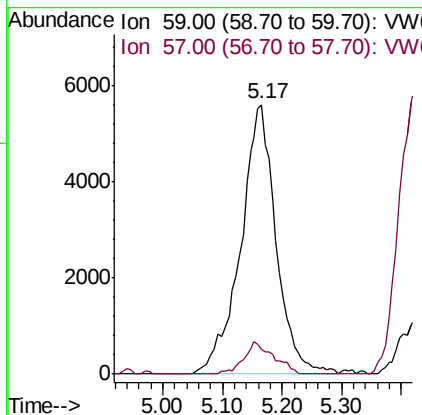
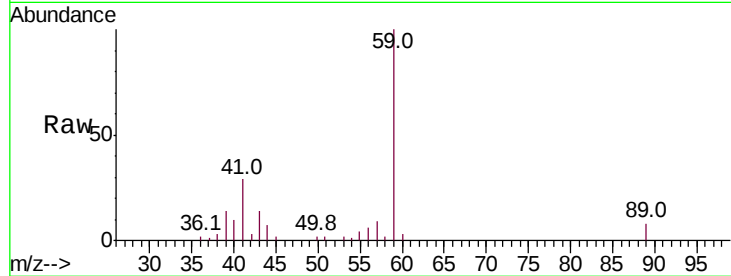
Tert butyl alcohol
 Concen: 106.048 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	59	Resp	23117
Ion Ratio	100	Lower	Upper
57	10.2	9.0	13.6

Manual Integrations
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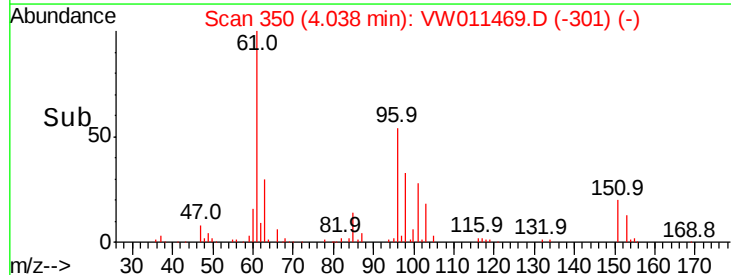
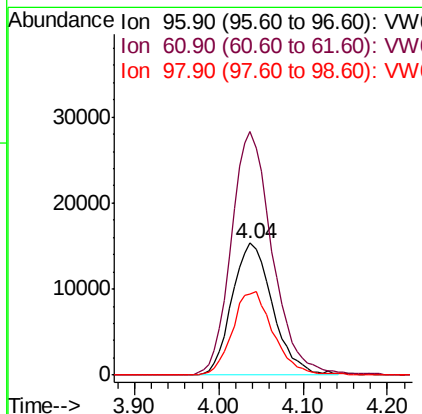
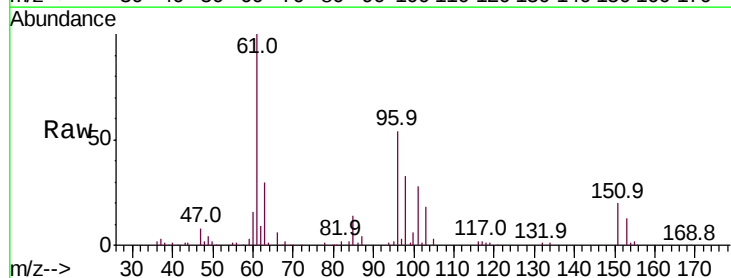
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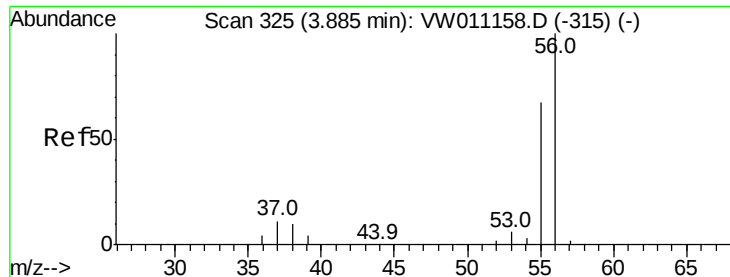


#12

1,1-Dichloroethene
 Concen: 19.379 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	96	Resp	50445
Ion Ratio	100	Lower	Upper
61	184.3	157.7	236.5
98	61.7	50.9	76.3





#13

Acrolein

Concen: 73.845 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 56 Resp: 12818

Ion Ratio Lower Upper

56 100

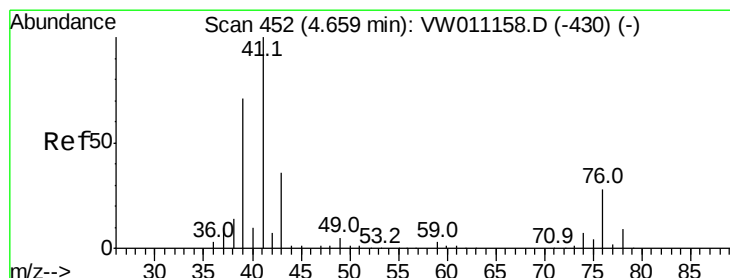
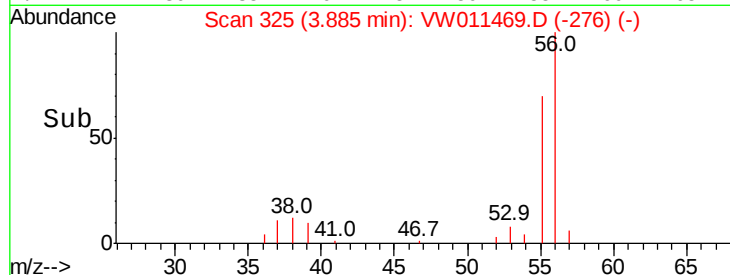
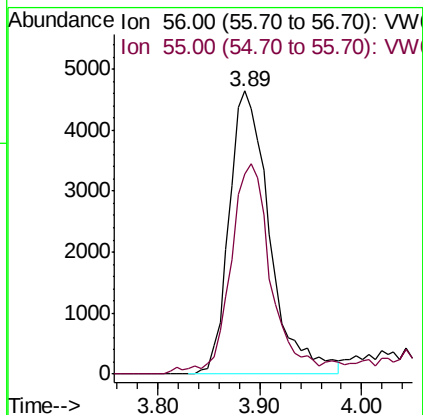
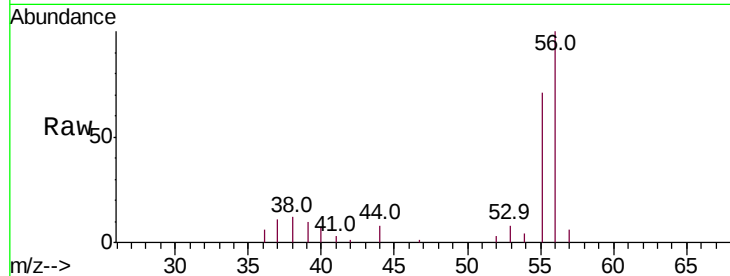
55 73.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 21.127 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

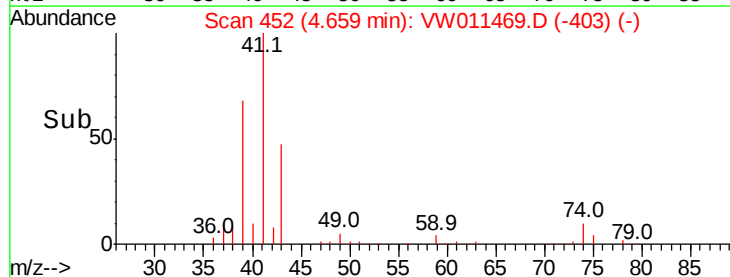
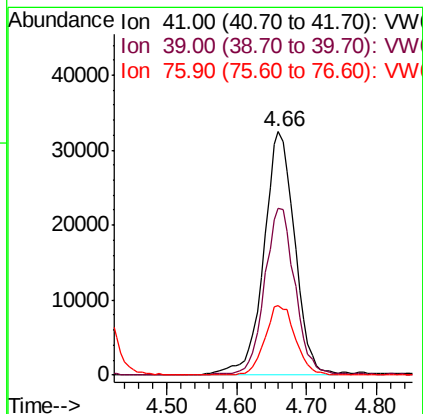
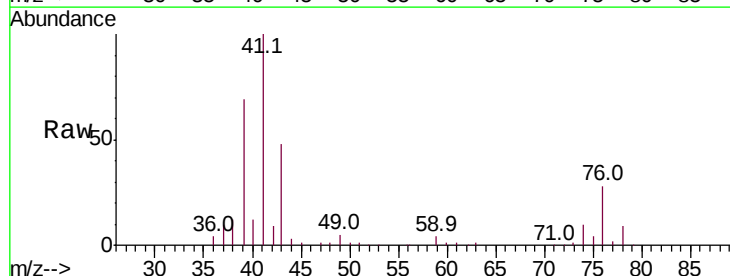
Tgt Ion: 41 Resp: 100283

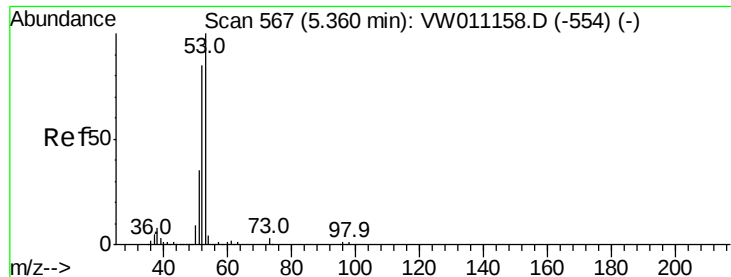
Ion Ratio Lower Upper

41 100

39 67.4 55.1 82.7

76 27.8 22.5 33.7





#15

Acrylonitrile

Concen: 99.437 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

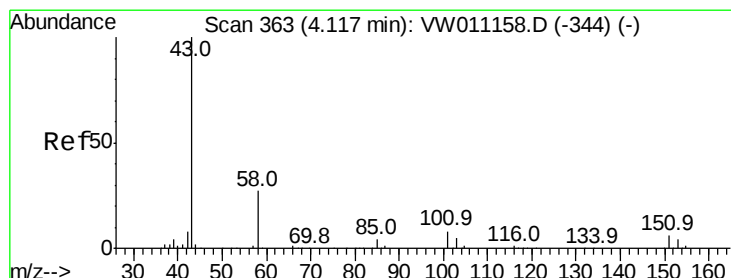
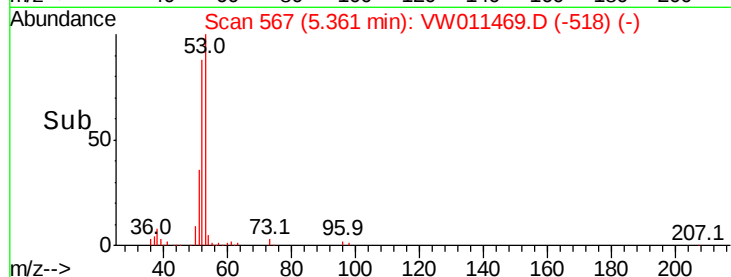
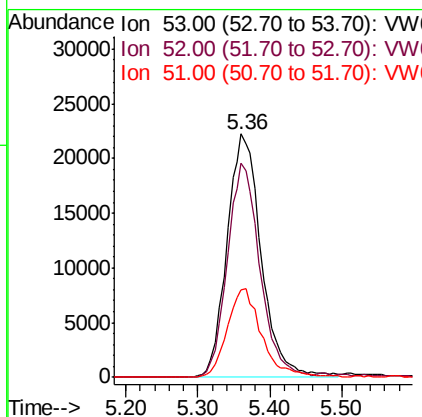
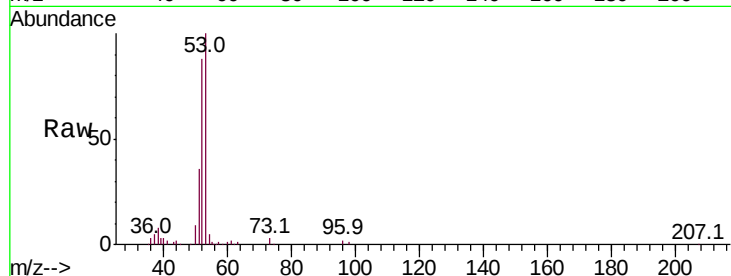
ClientSampleId :

VW0725SBS01

Tot Ion:	53	Resp:	73367
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.4
51	36.9	29.1	43.7

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#16

Acetone

Concen: 97.380 ug/l

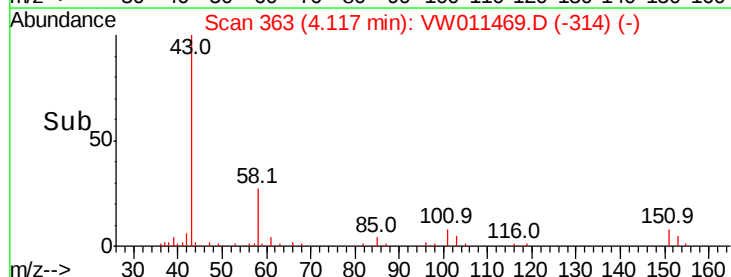
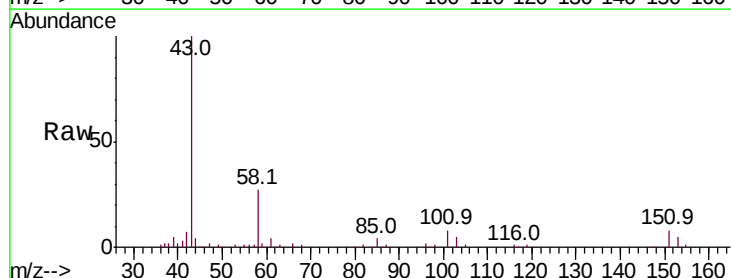
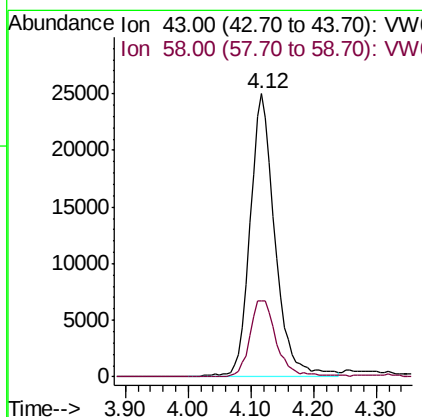
RT: 4.12 min Scan# 363

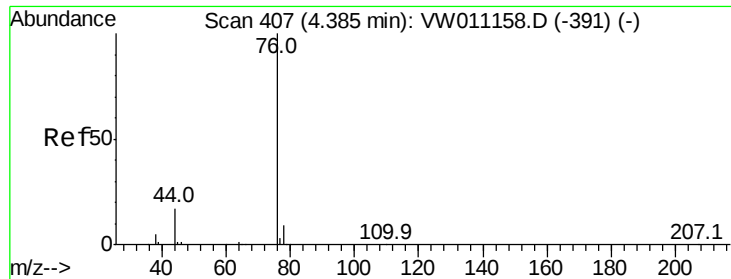
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	43	Resp:	68987
Ion Ratio	Lower	Upper	
43	100		
58	26.7	21.8	32.6





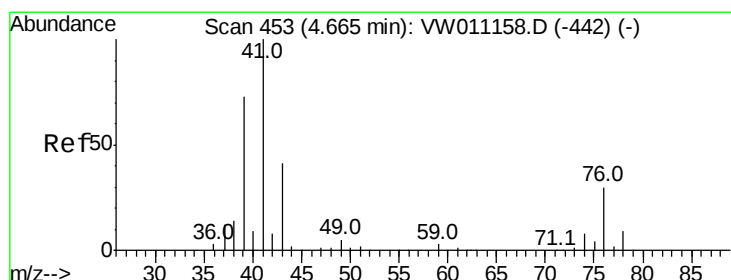
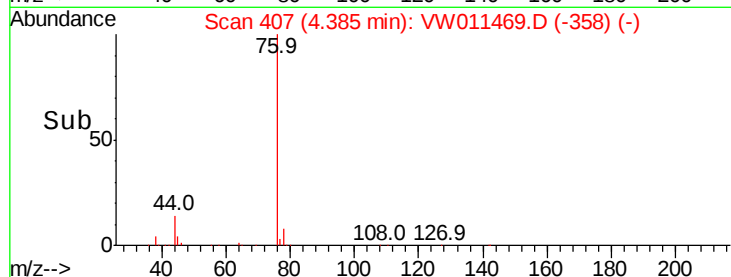
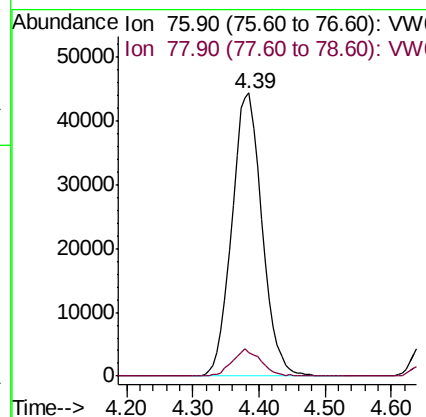
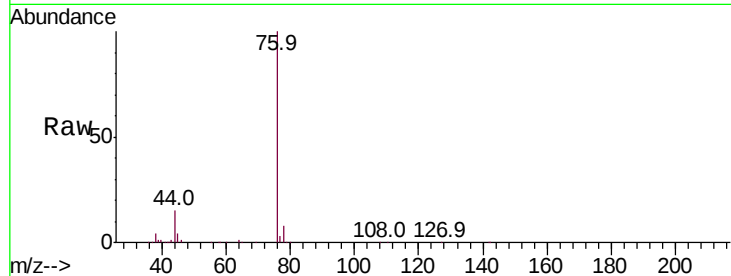
#17
Carbon Disulfide
Concen: 17.780 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 76 Resp: 140314
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

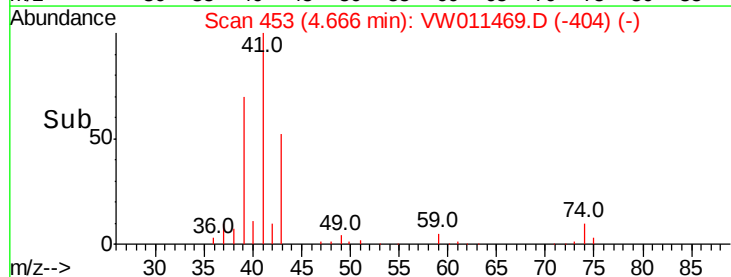
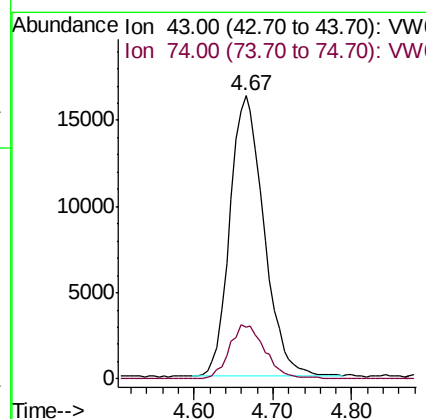
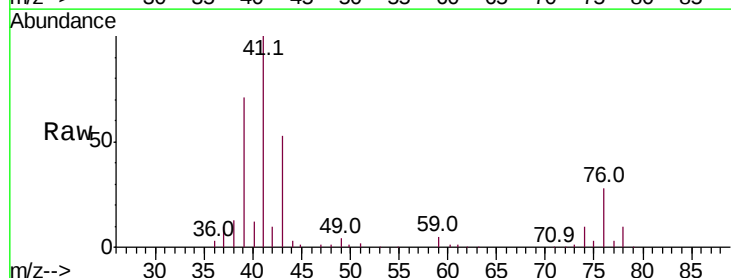
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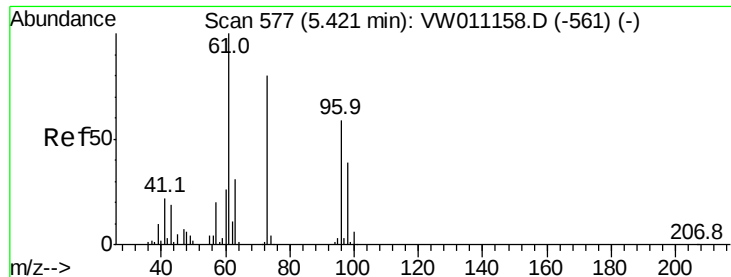
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#18
Methyl Acetate
Concen: 23.571 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion: 43 Resp: 48990
Ion Ratio Lower Upper
43 100
74 19.8 15.7 23.5





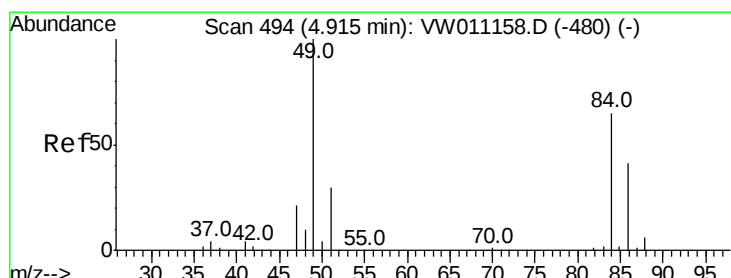
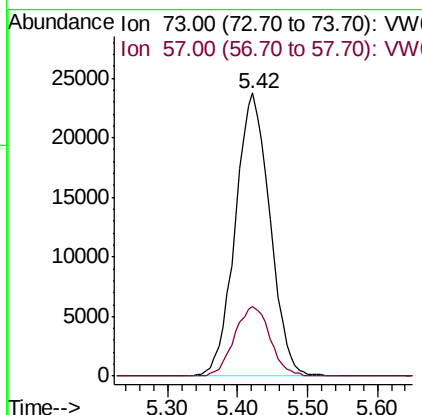
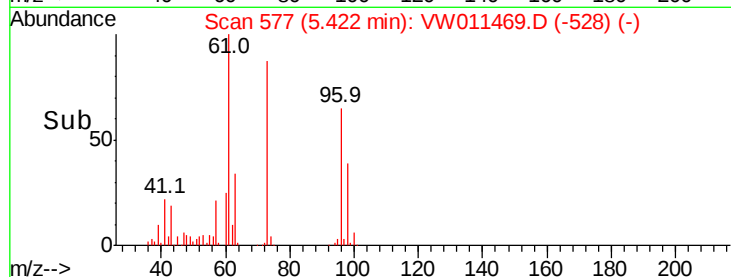
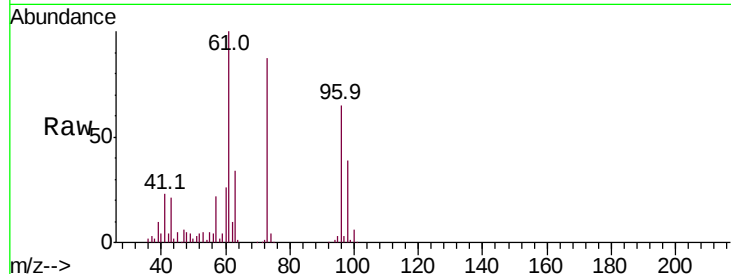
#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 73 Resp: 81598
Ion Ratio Lower Upper
73 100
57 24.8 19.7 29.5

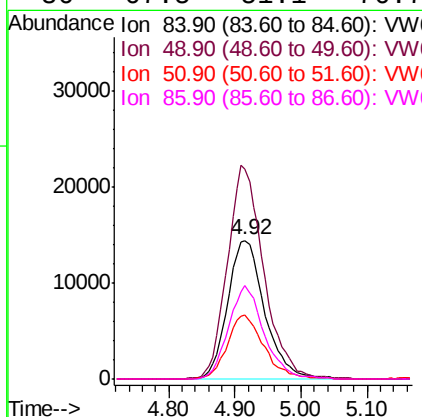
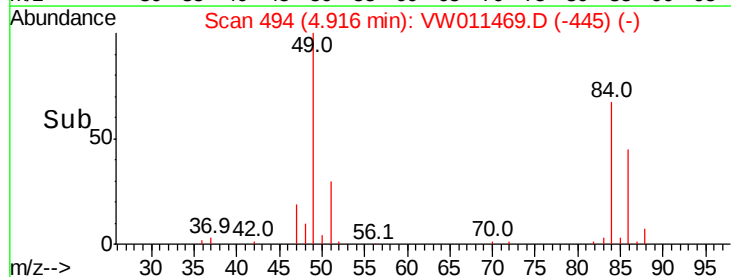
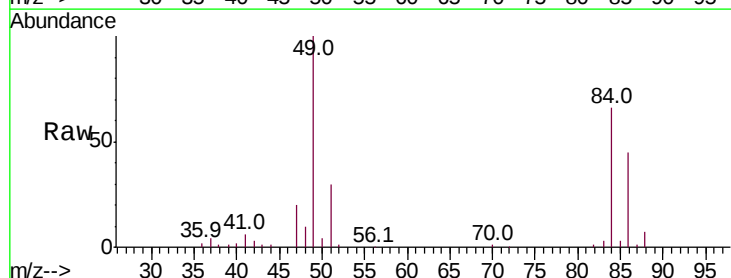
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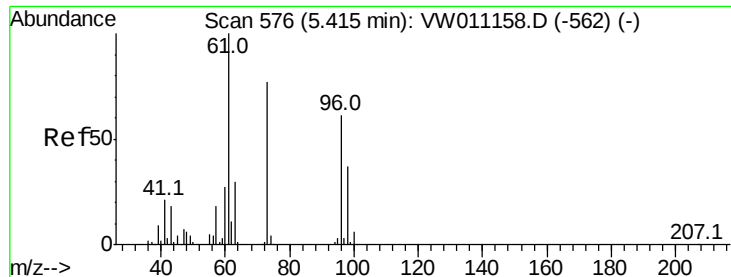
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#20
Methylene Chloride
Concen: 19.994 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion: 84 Resp: 55877
Ion Ratio Lower Upper
84 100
49 150.9 123.8 185.6
51 46.2 37.4 56.2
86 67.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.492 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

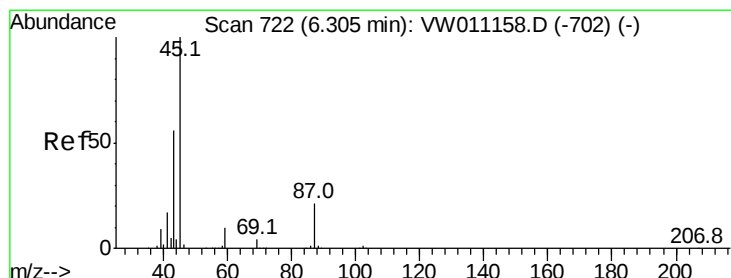
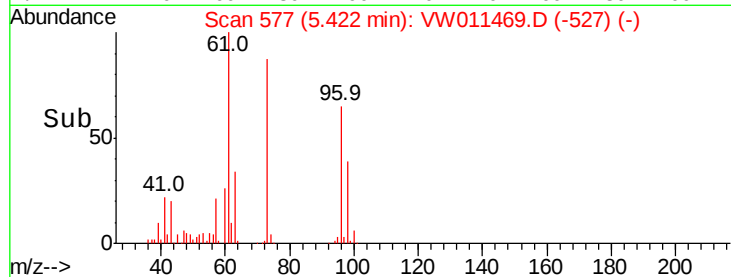
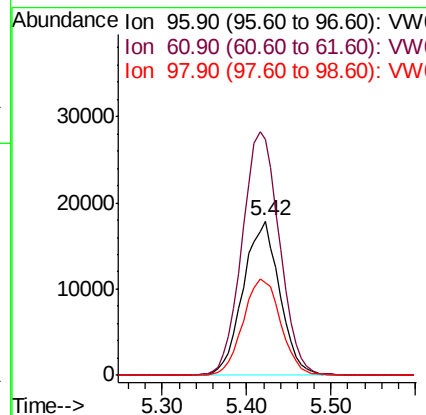
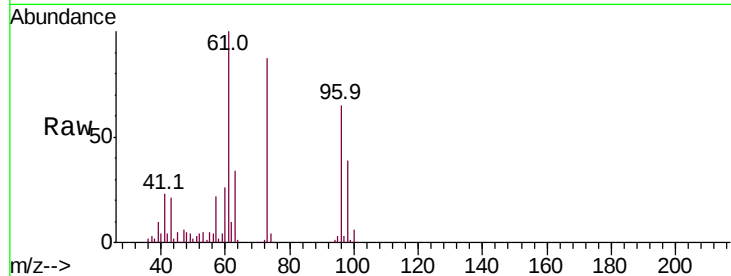
ClientSampleId :

VW0725SBS01

Tot Ion:	96	Resp:	52722
Ion	Ratio	Lower	Upper
96	100		
61	152.9	132.2	198.2
98	60.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 19.856 ug/l

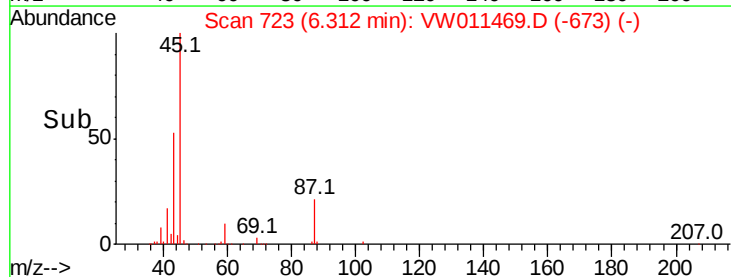
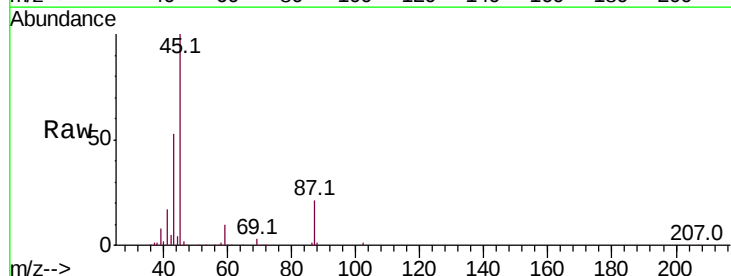
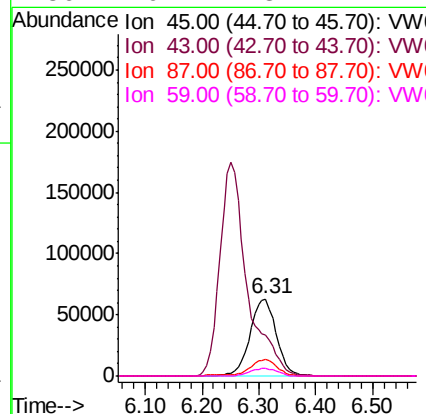
RT: 6.31 min Scan# 723

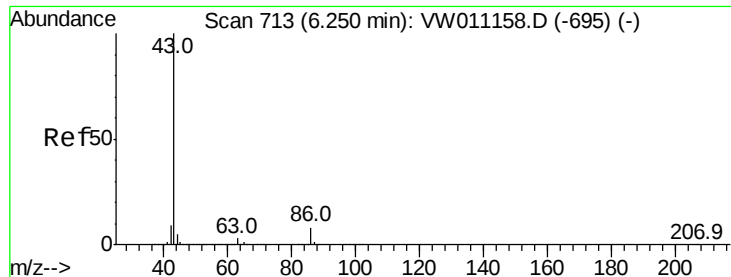
Delta R.T. 0.01 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	45	Resp:	202714
Ion	Ratio	Lower	Upper
45	100		
43	52.8	44.6	66.8
87	21.3	17.3	25.9
59	10.1	8.2	12.2





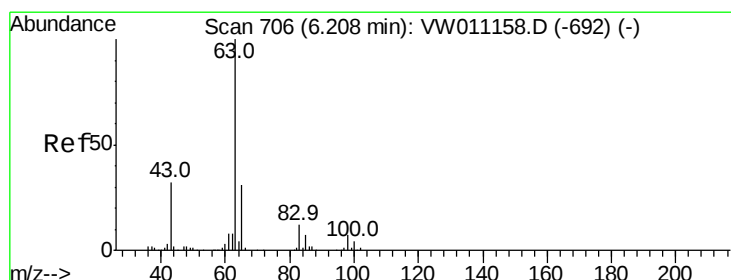
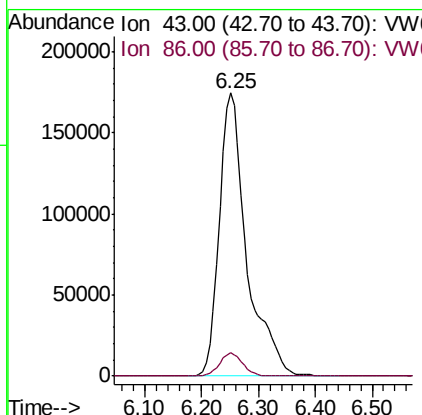
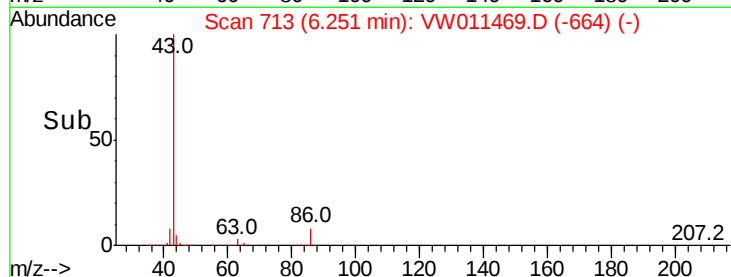
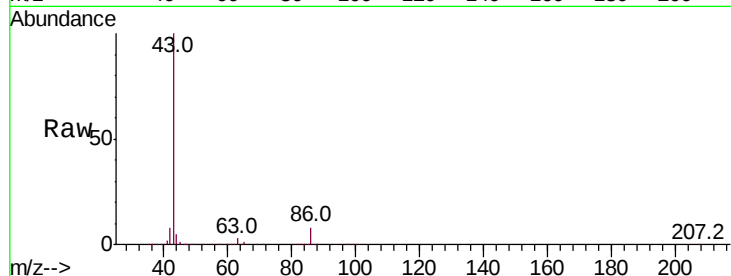
#23
 Vinyl Acetate
 Concen: 92.510 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	584505		
86	8.4	6.5	9.7	

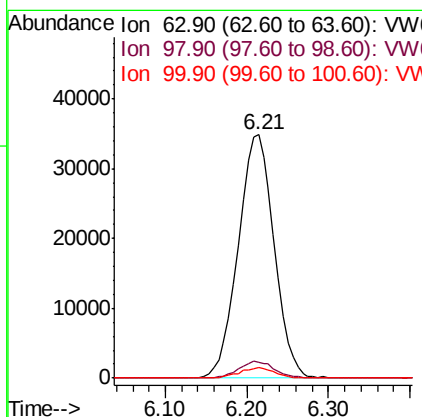
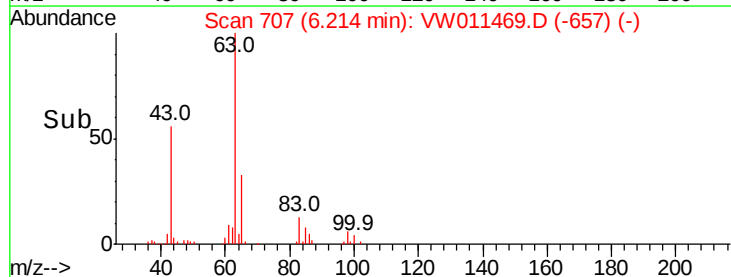
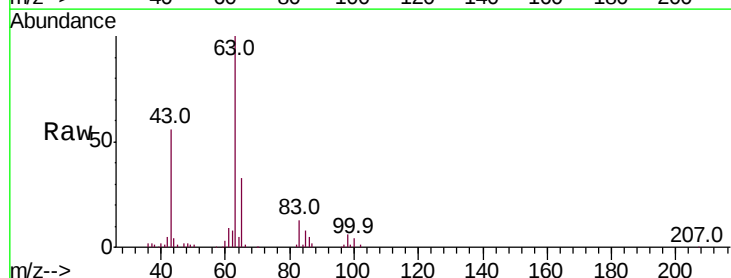
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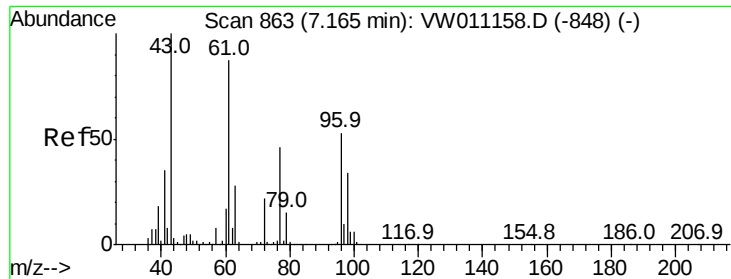
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#24
 1,1-Dichloroethane
 Concen: 19.860 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	106469		
98	6.2	3.3	9.9	
100	4.4	2.1	6.2	





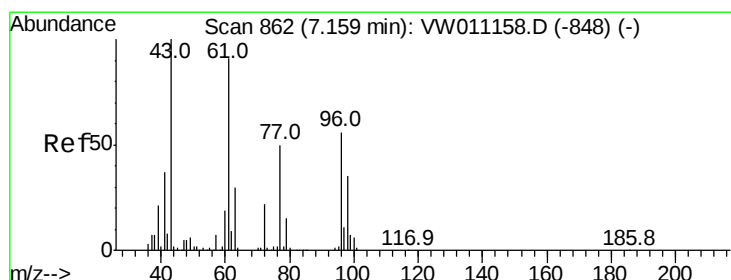
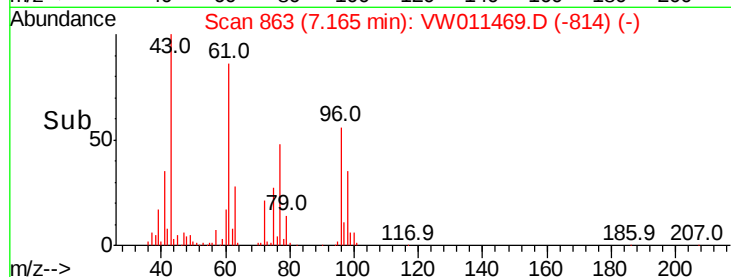
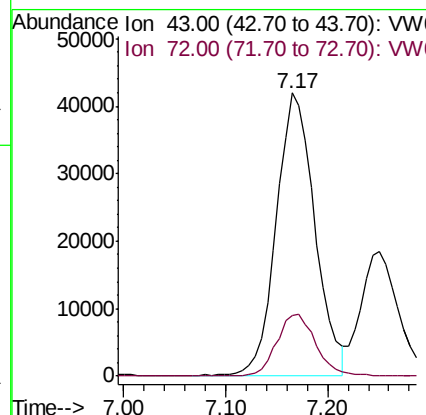
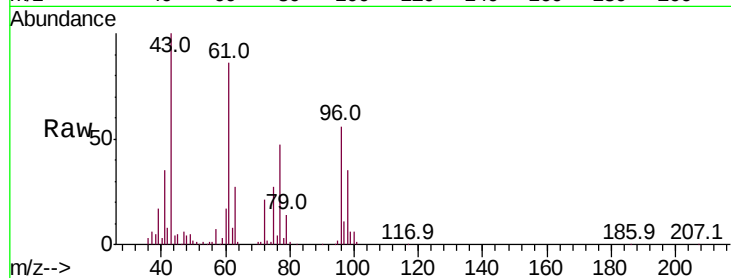
#25
 2-Butanone
 Concen: 98.449 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion: 43 Resp: 109480
 Ion Ratio Lower Upper
 43 100
 72 21.3 17.6 26.4

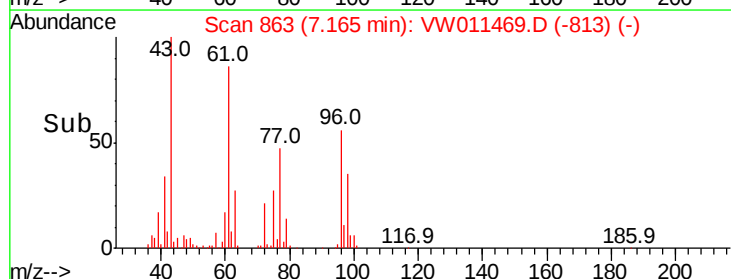
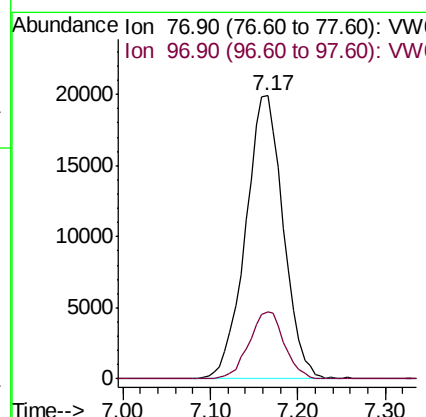
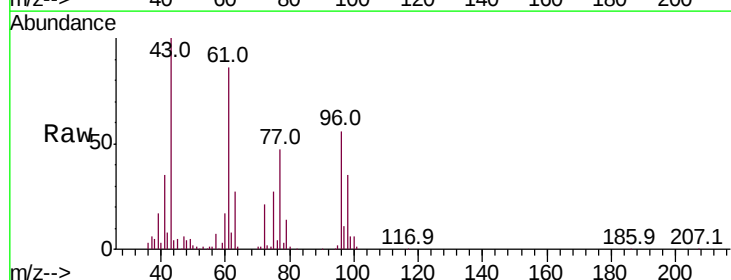
Manual Integrations
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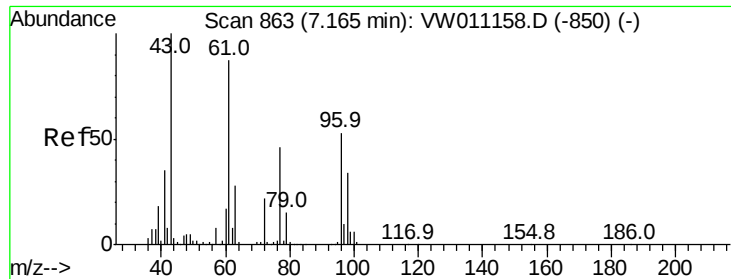
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 7/25/2019 8:18:06 AM



#26
 2,2-Dichloropropane
 Concen: 21.420 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion: 77 Resp: 59693
 Ion Ratio Lower Upper
 77 100
 97 22.1 11.2 33.5





#27

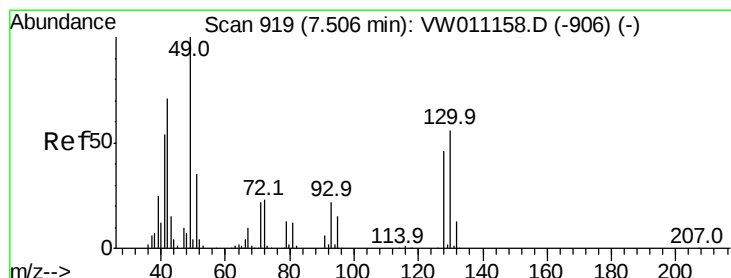
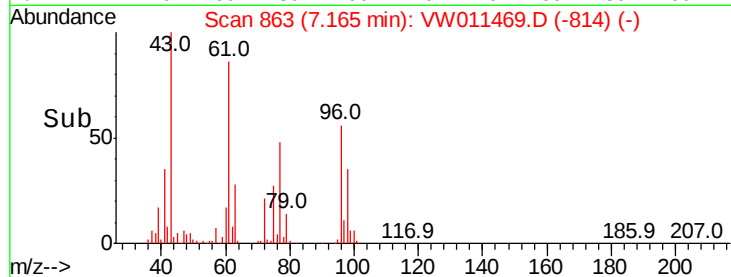
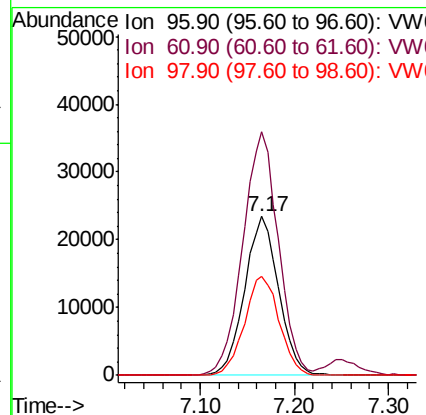
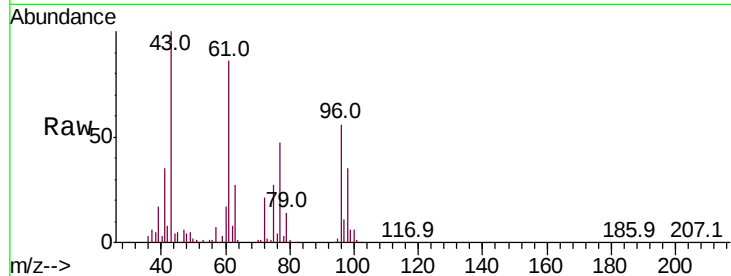
cis-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	325.6
98	63.9	0.0	128.2

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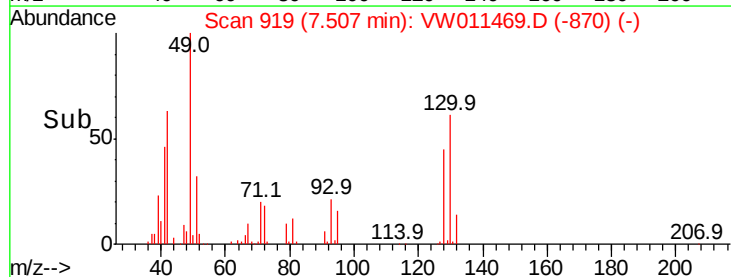
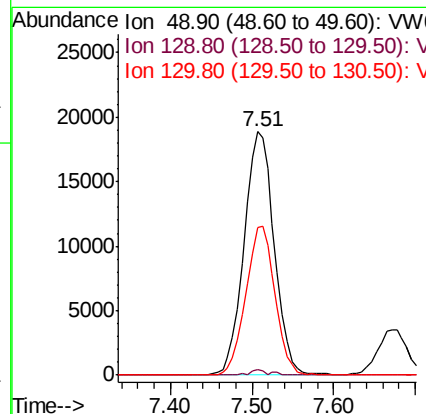
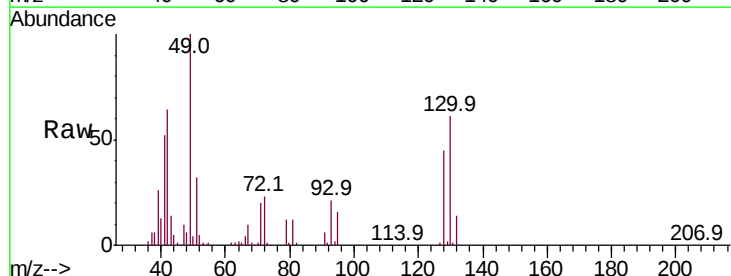
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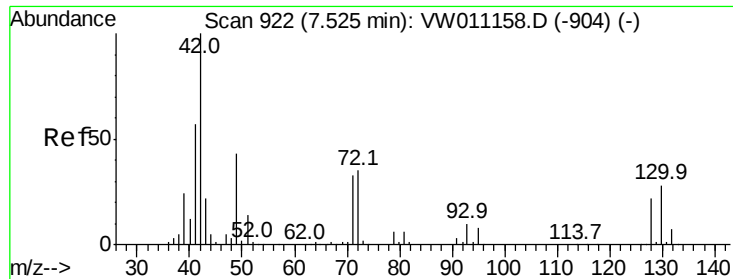


#28

Bromochloromethane
Concen: 19.812 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.4
130	59.2	45.8	68.8





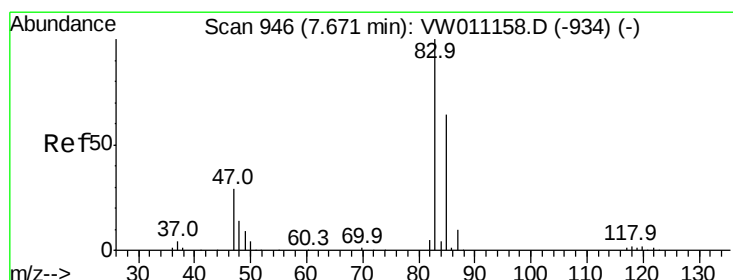
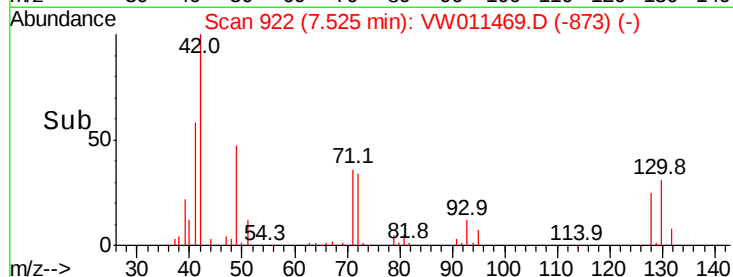
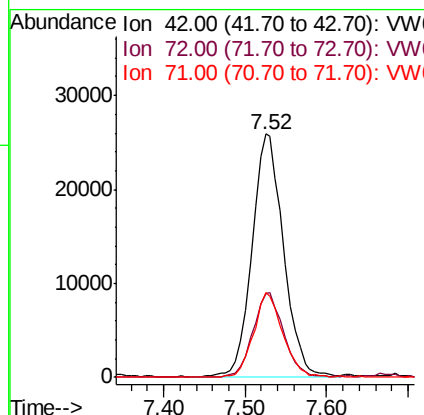
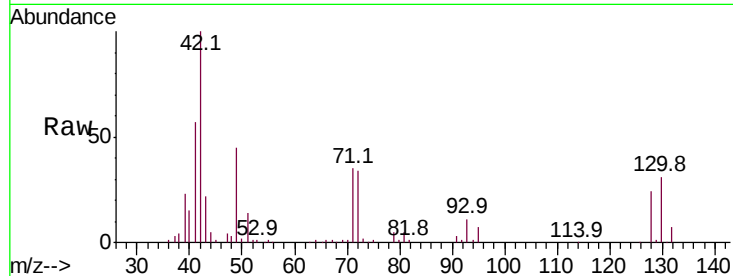
#29
Tetrahydrofuran
Concen: 94.859 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion:	42	Resp:	69169
Ion Ratio	Lower	Upper	
42	100		
72	34.3	27.4	41.2
71	32.7	25.9	38.9

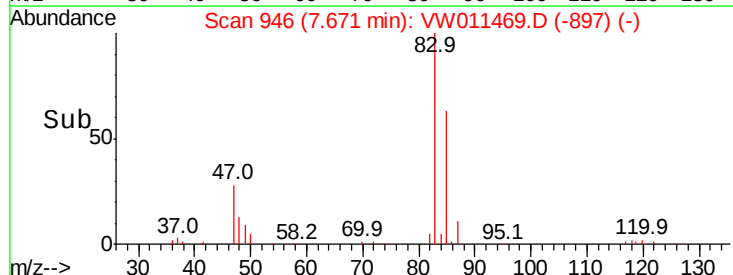
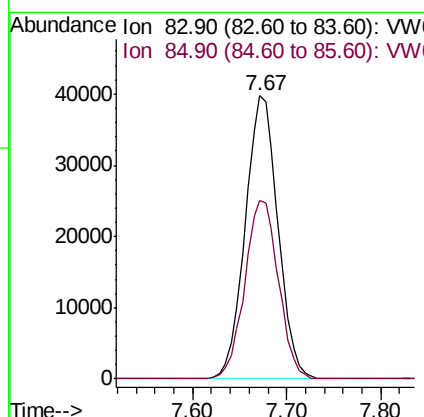
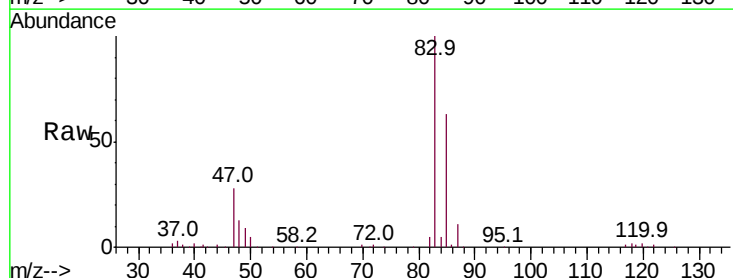
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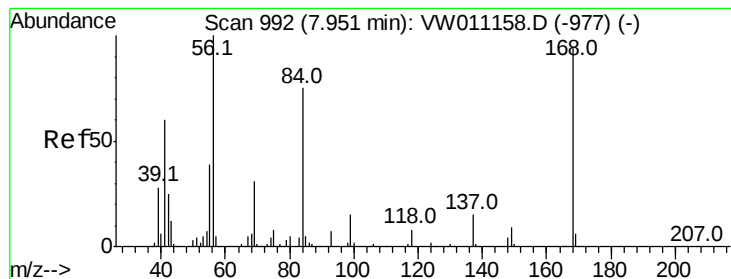
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#30
Chloroform
Concen: 19.478 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion:	83	Resp:	96707
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.4	77.2





#31

Cvclohexane

Concen: 19.176 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

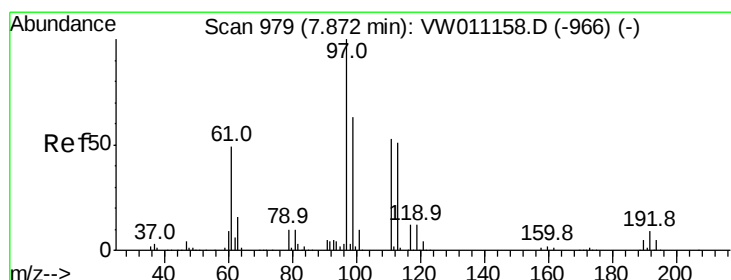
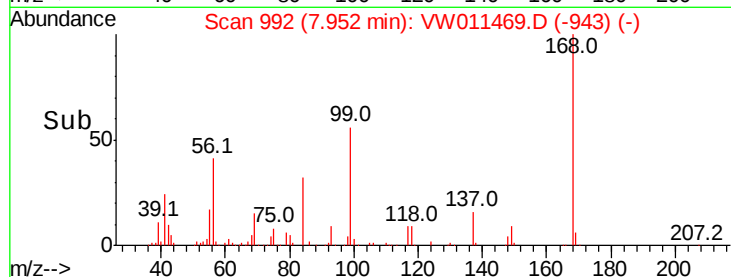
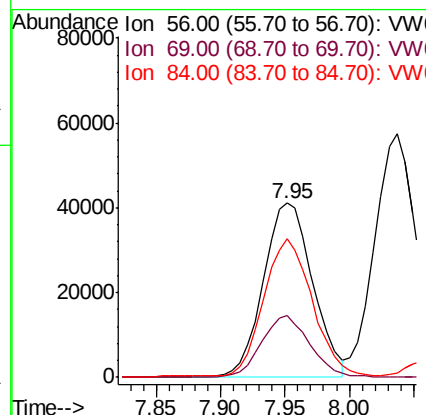
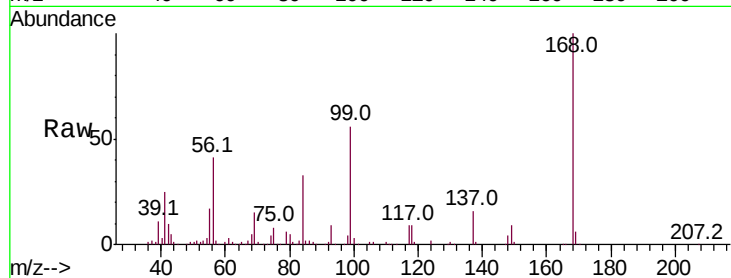
ClientSampleId :

VW0725SBS01

Tot Ion	56	Resp	109367
Ion	Ratio	Lower	Upper
56	100		
69	35.5	24.6	36.8
84	78.7	60.1	90.1

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#32

1,1,1-Trichloroethane

Concen: 19.735 ug/l

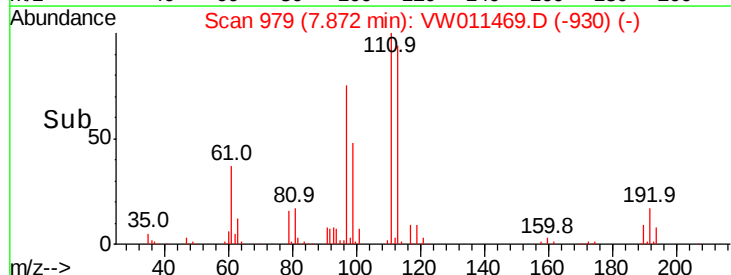
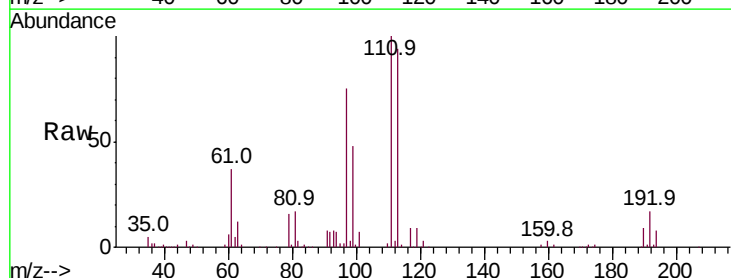
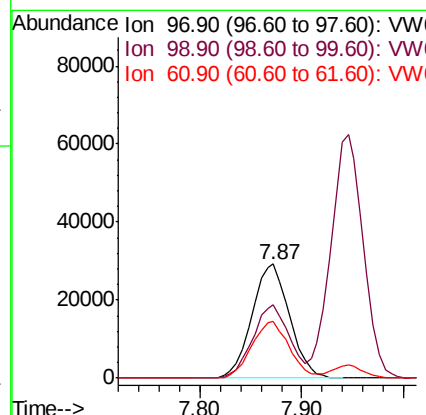
RT: 7.87 min Scan# 979

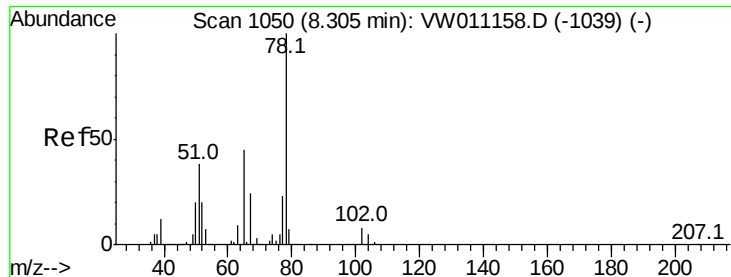
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion	97	Resp	74533
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.4
61	49.6	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 43.619 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 65 Resp: 128426

Ion Ratio Lower Upper

65 100

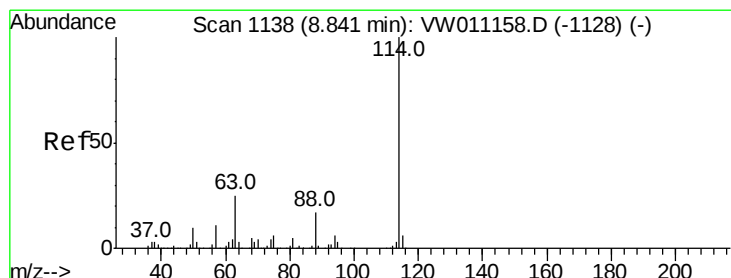
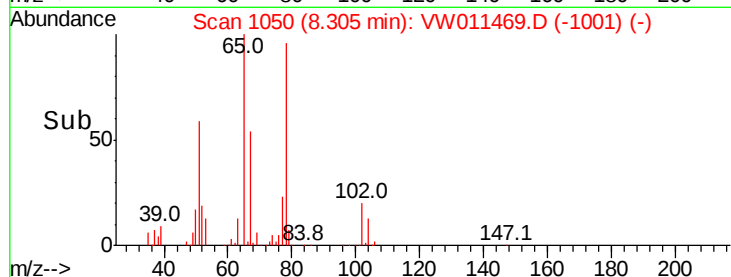
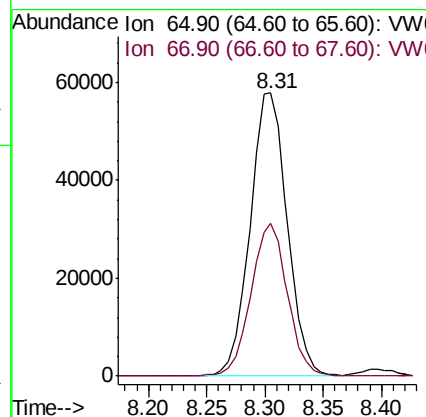
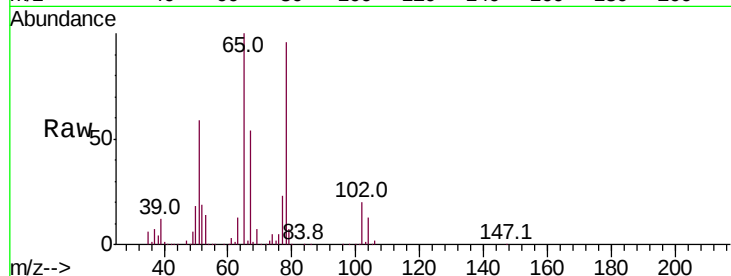
67 53.2 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

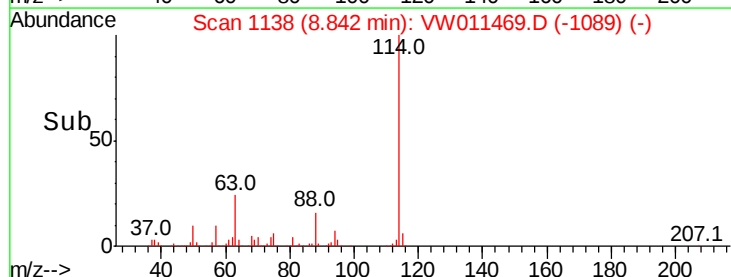
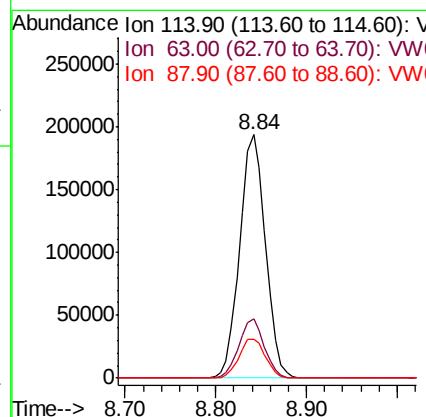
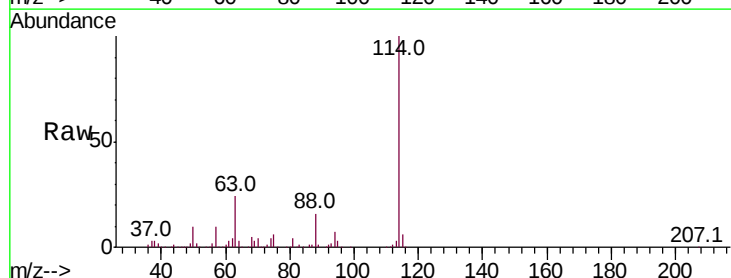
Tgt Ion: 114 Resp: 381127

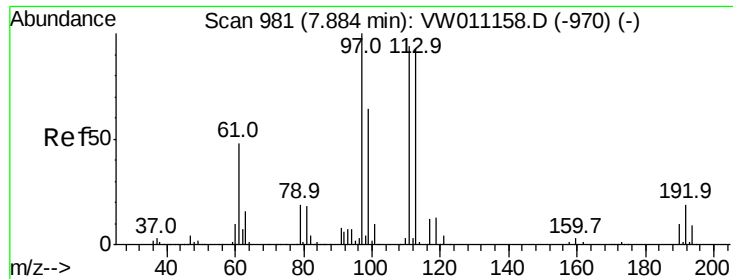
Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.8

88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.802 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

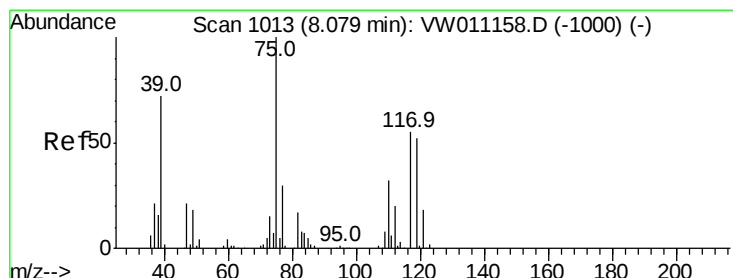
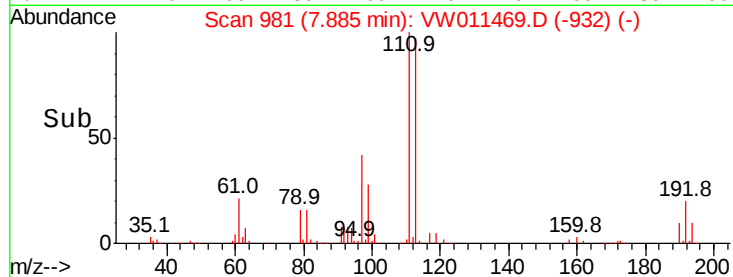
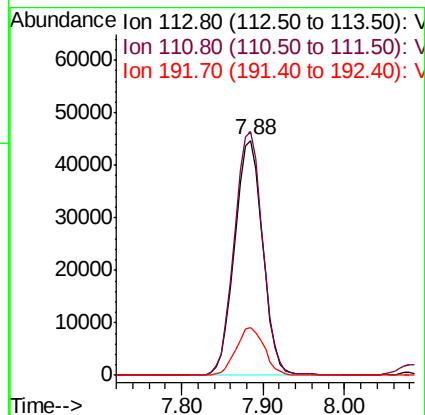
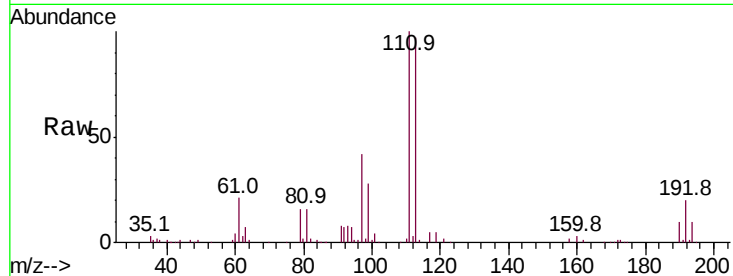
ClientSampleId :

VW0725SBS01

Tot Ion:	113	Resp:	106320
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.4	123.6
192	20.4	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 19.694 ug/l

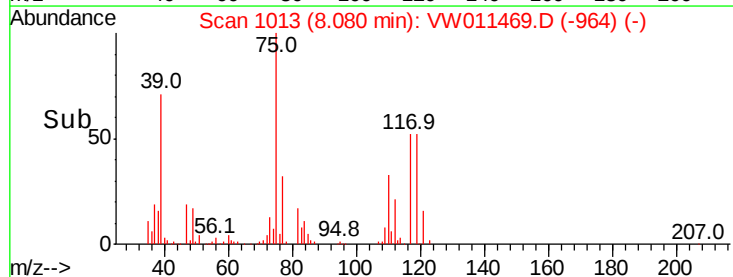
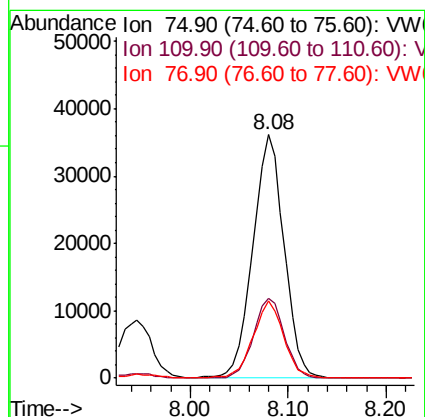
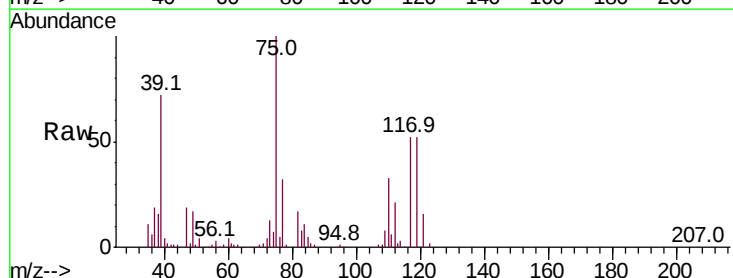
RT: 8.08 min Scan# 1013

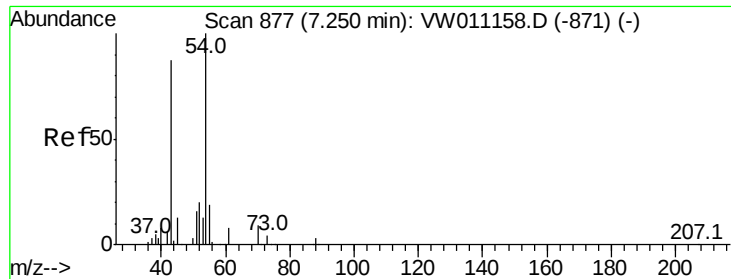
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	75	Resp:	79932
Ion Ratio	Lower	Upper	
75	100		
110	32.4	15.9	47.6
77	31.1	24.6	36.8





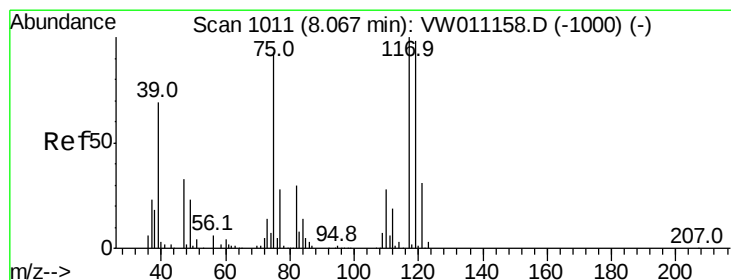
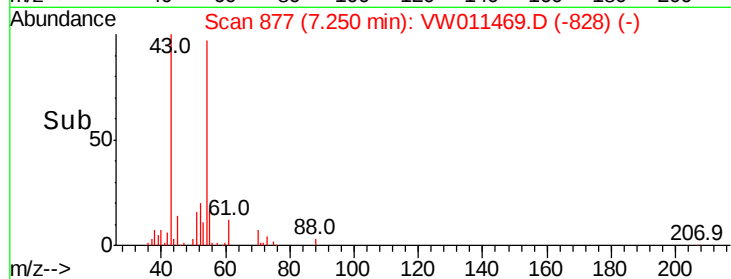
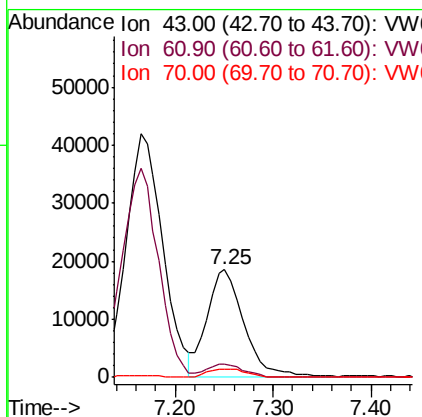
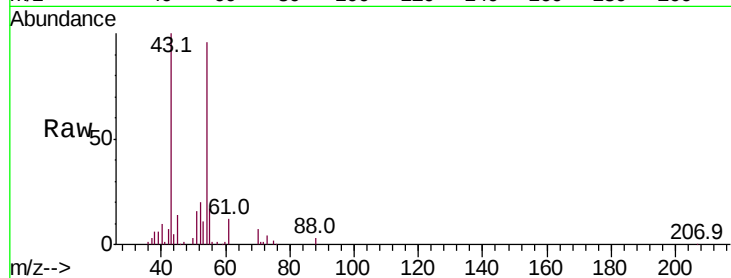
#37
Ethyl Acetate
Concen: 19.750 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampled :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.5	14.3
70	8.6	7.1	10.7

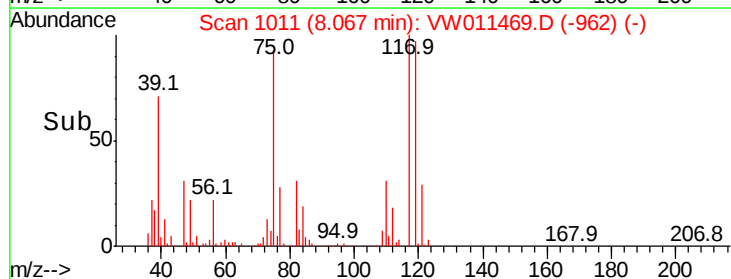
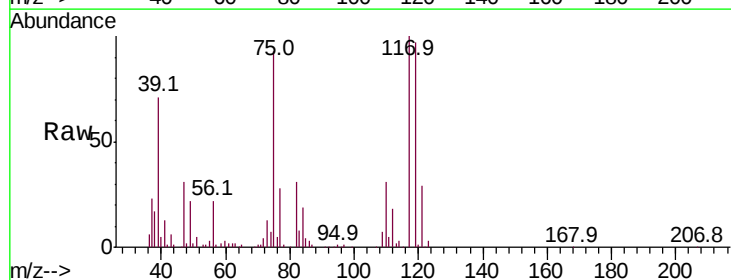
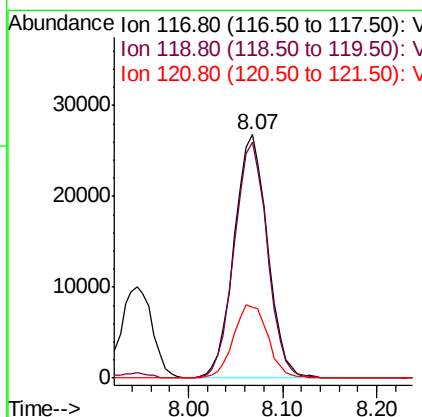
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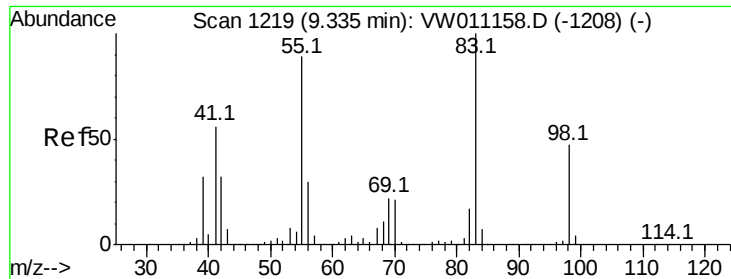
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#38
Carbon Tetrachloride
Concen: 19.327 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
121	29.1	25.1	37.7





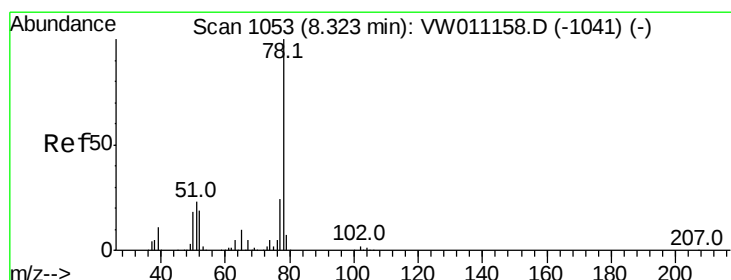
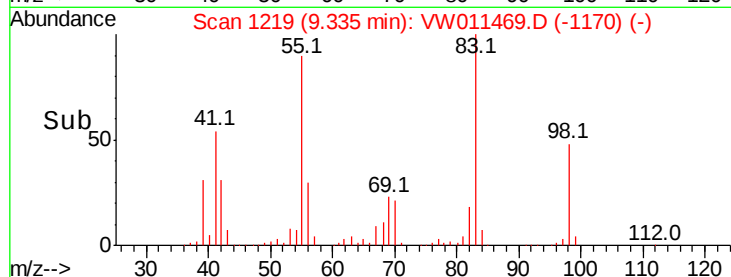
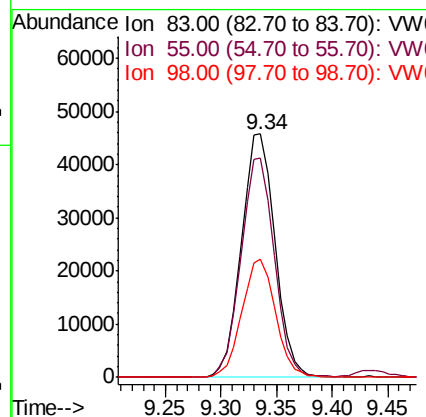
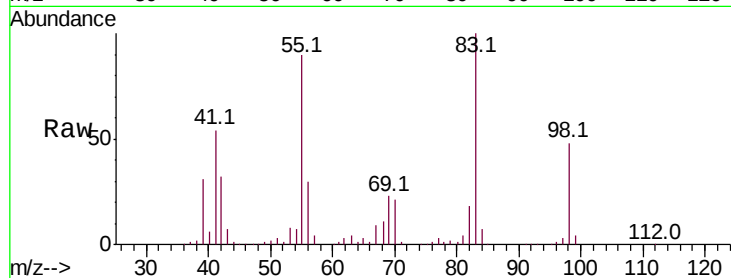
#39
Methvlcvclohexane
Concen: 19.599 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	71.2	106.8
98	48.4	37.5	56.3

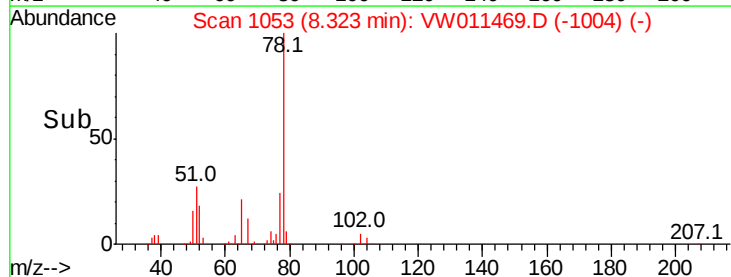
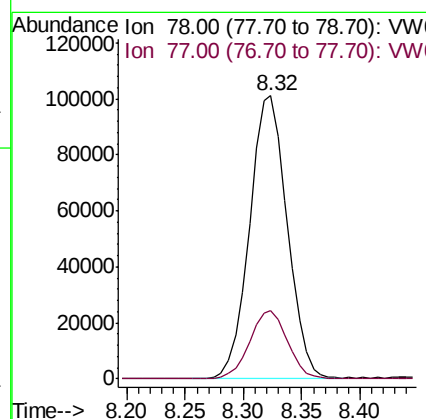
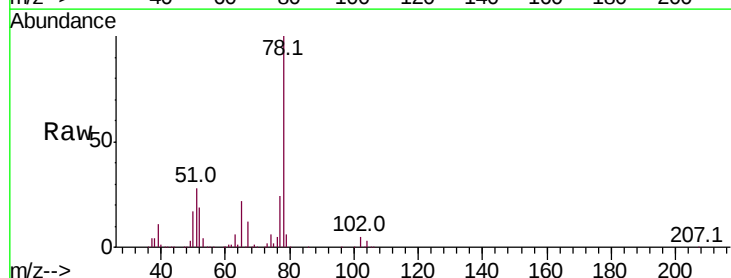
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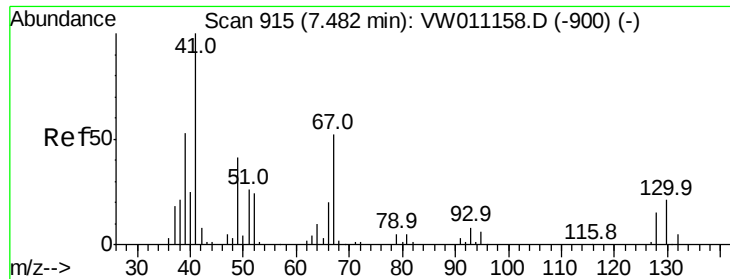
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#40
Benzene
Concen: 20.249 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41

Methacrylonitrile

Concen: 20.198 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

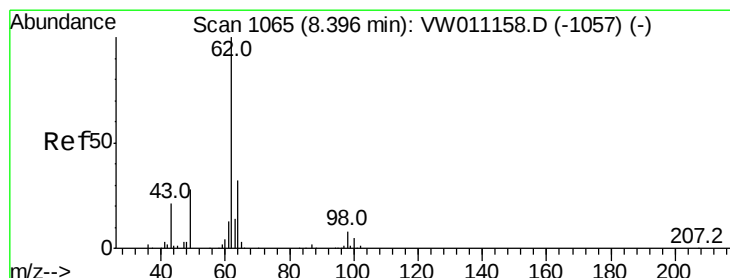
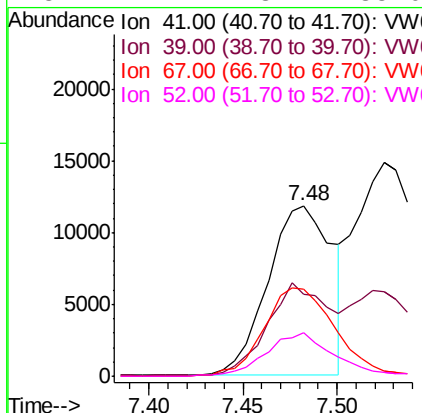
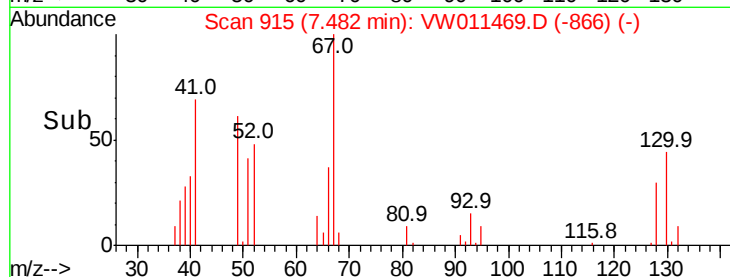
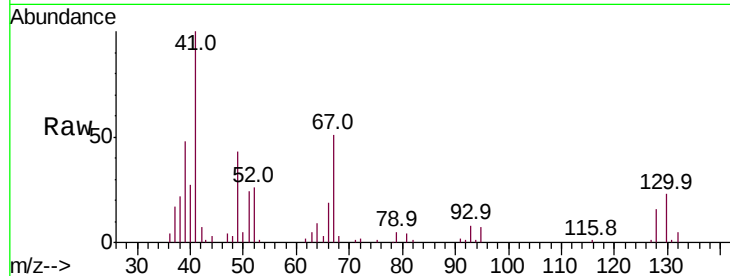
ClientSampleId :

VW0725SBS01

Tot Ion:	41	Resp:	28170
Ion	Ratio	Lower	Upper
41	100		
39	51.7	48.0	72.0
67	57.8	49.7	74.5
52	27.1	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.447 ug/l

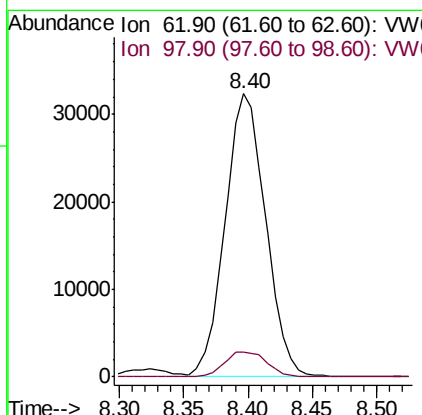
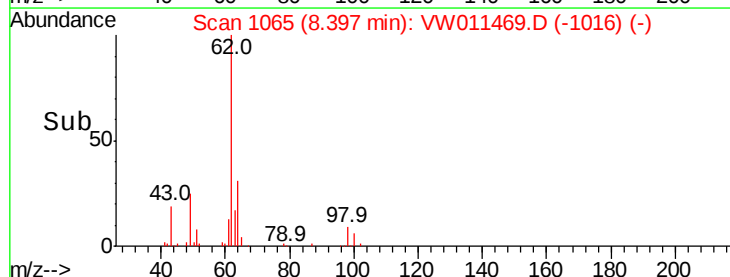
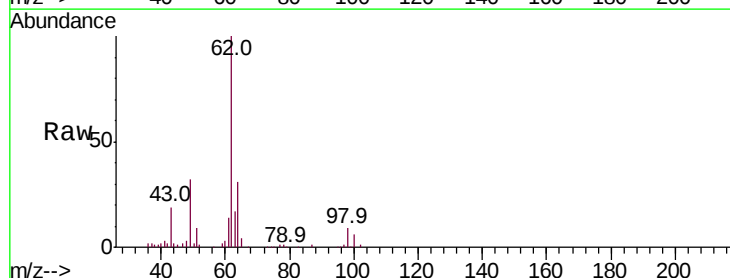
RT: 8.40 min Scan# 1065

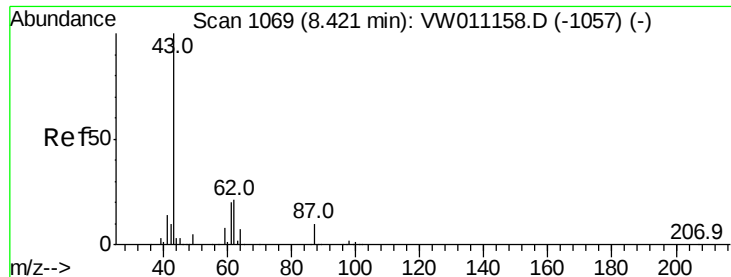
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	62	Resp:	70761
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.8





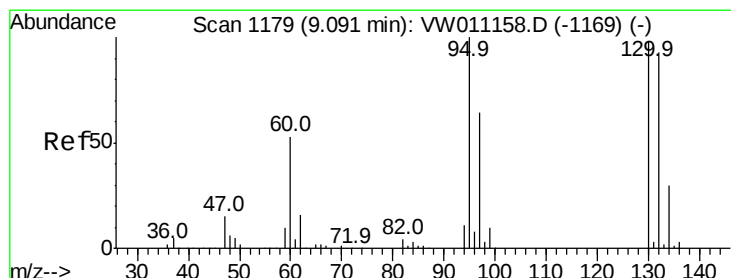
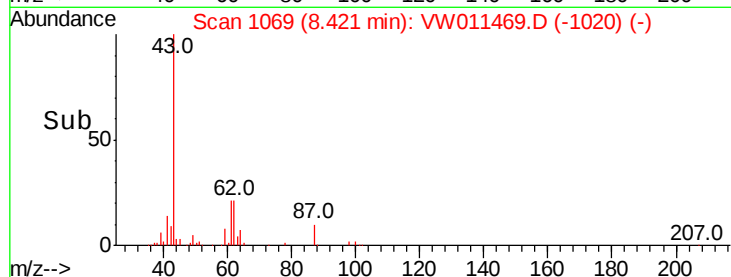
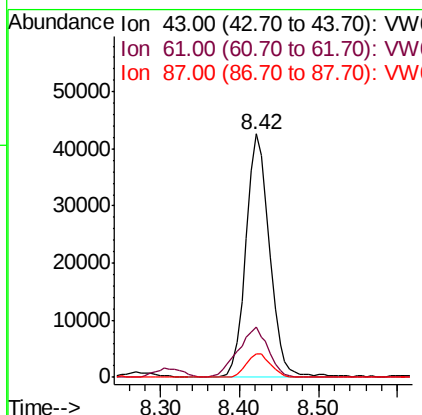
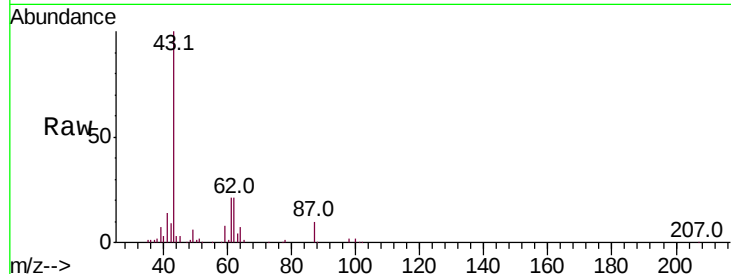
#43
Isopropyl Acetate
Concen: 19.368 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.4	20.7	31.1
87	10.1	8.1	12.1

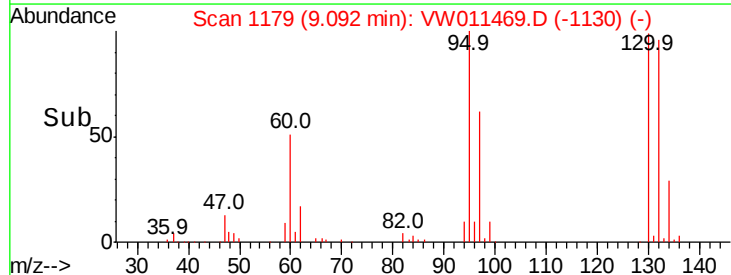
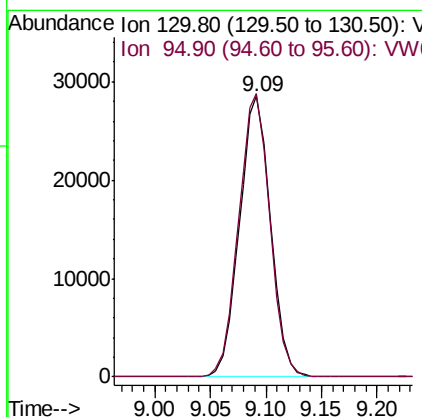
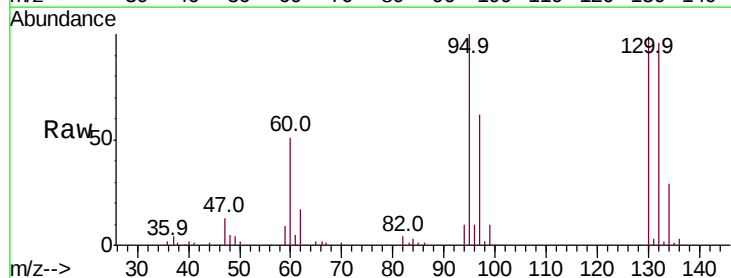
Manual Integrations
APPROVED

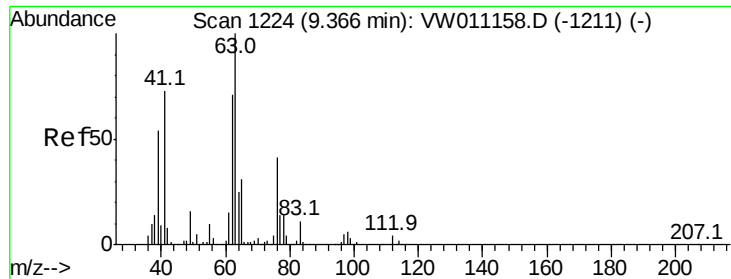
MMDadoda
7/25/2019 8:18:06 AM



#44
Trichloroethene
Concen: 20.416 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	203.6





#45

1,2-Dichloropropane

Concen: 20.242 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 63 Resp: 61484

Ion Ratio Lower Upper

63 100

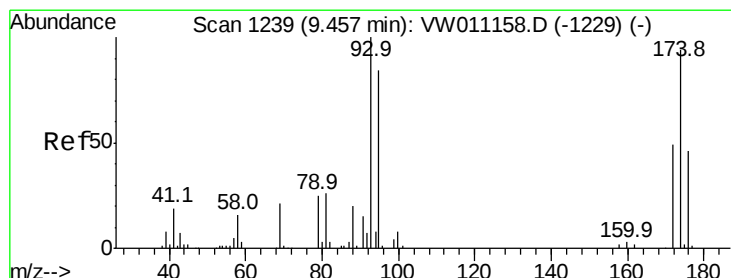
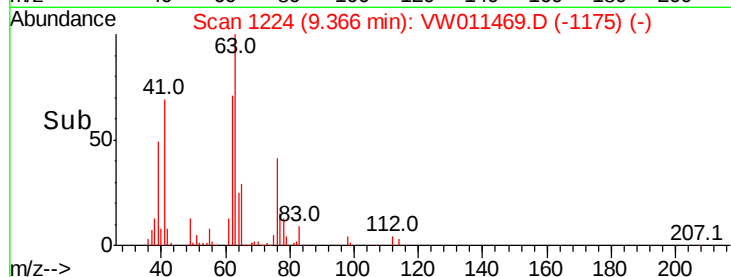
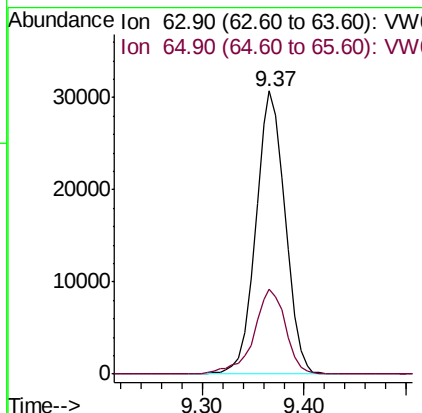
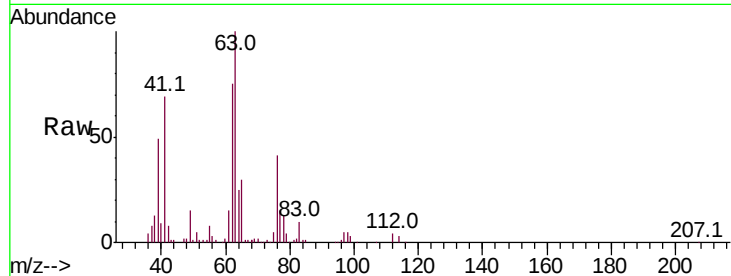
65 30.0 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.598 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

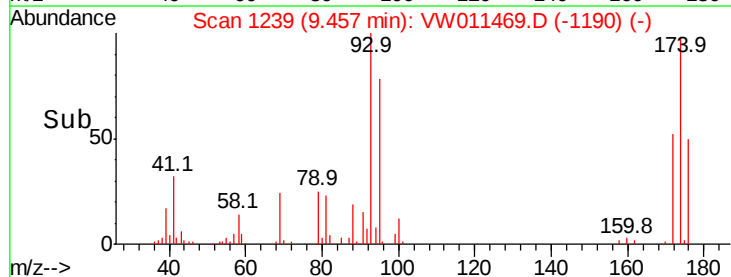
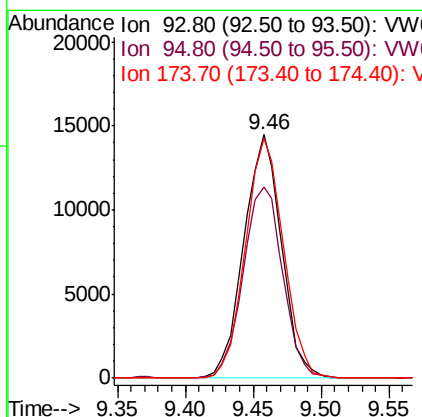
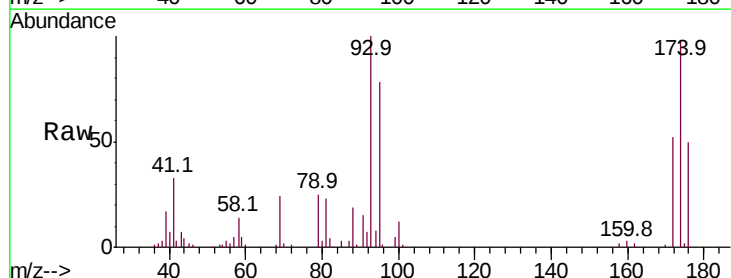
Tgt Ion: 93 Resp: 27962

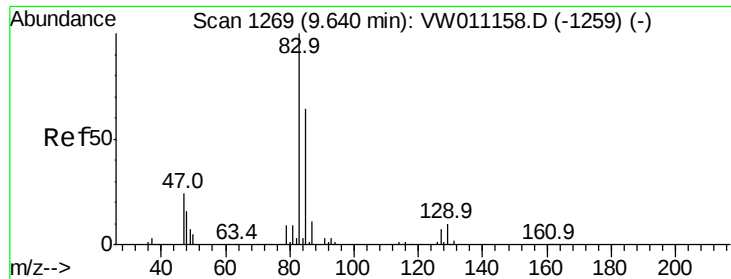
Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

174 99.6 76.3 114.5





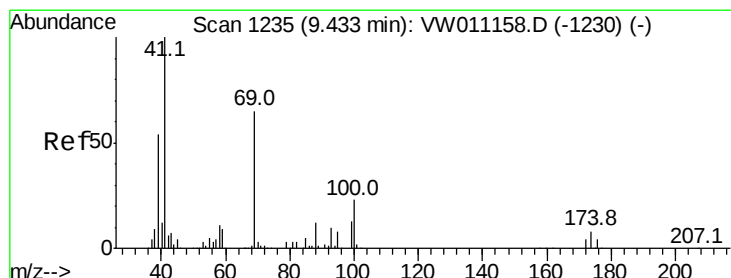
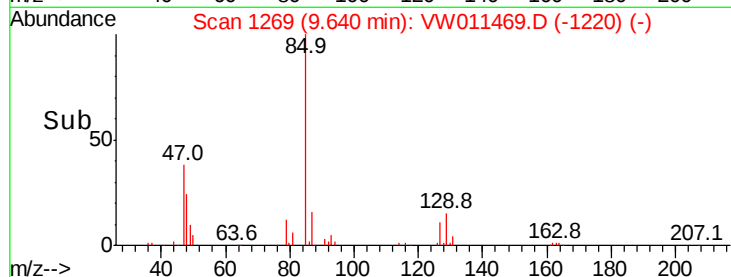
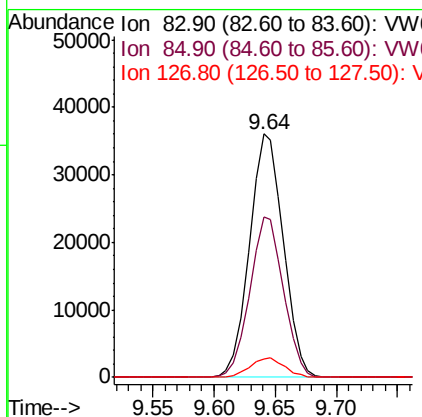
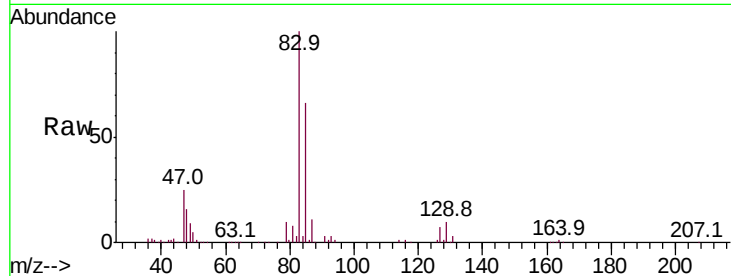
#47
Bromodichloromethane
Concen: 19.023 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	83	Resp	69448
Ion Ratio	100	Lower	Upper
85	65.9	51.0	76.4
127	7.5	6.0	9.0

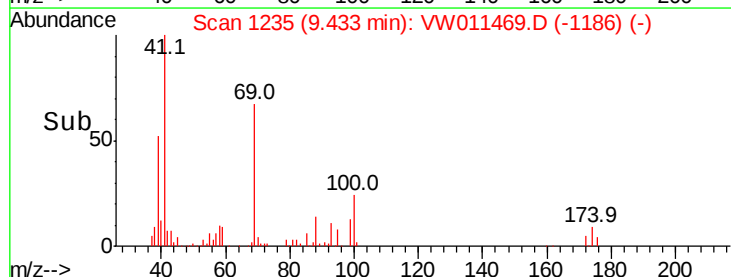
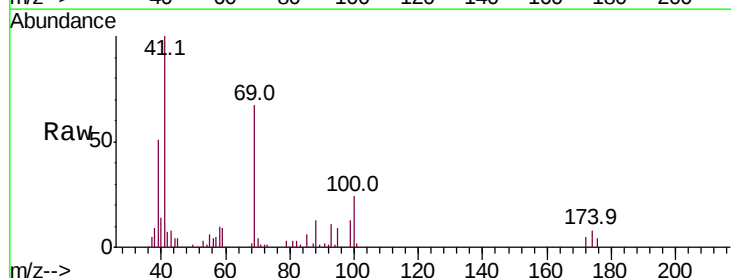
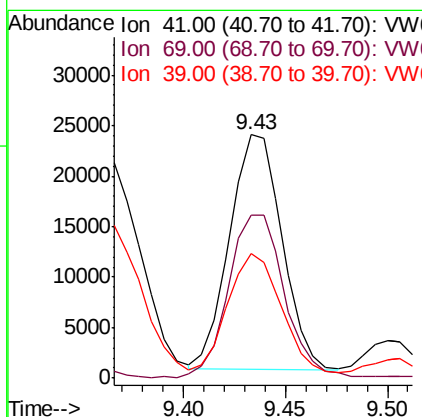
Manual Integrations
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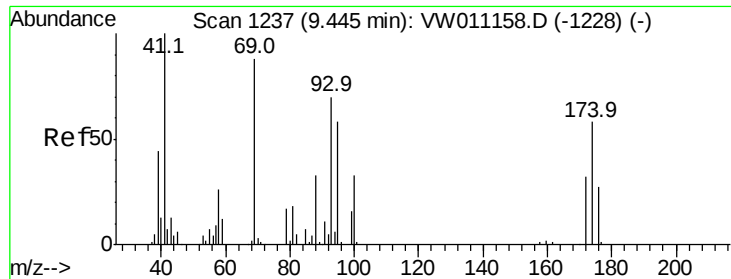
MMDadoda
7/25/2019 8:18:06 AM



#48
Methyl methacrylate
Concen: 18.812 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	41	Resp	41667
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
69	74.5	56.0	84.0
39	51.1	43.5	65.3





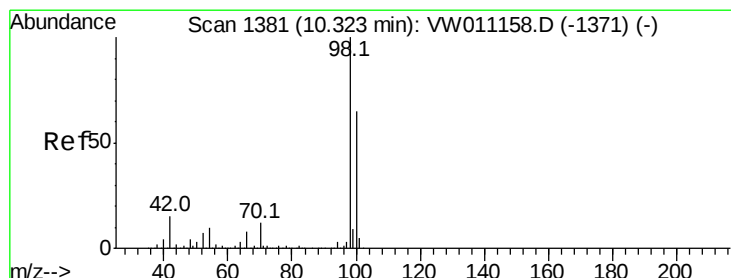
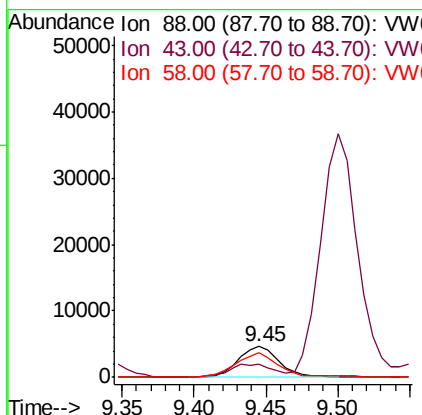
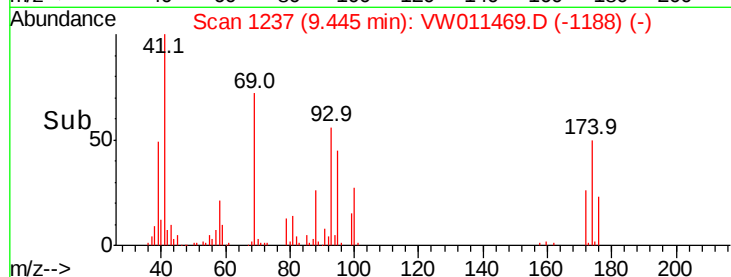
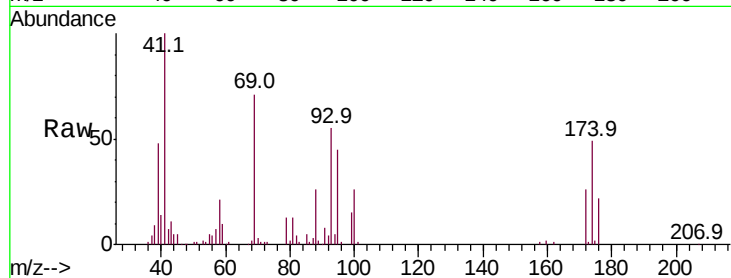
#49
1,4-Dioxane
Concen: 387.259 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	33.4	50.0
58	80.9	64.5	96.7

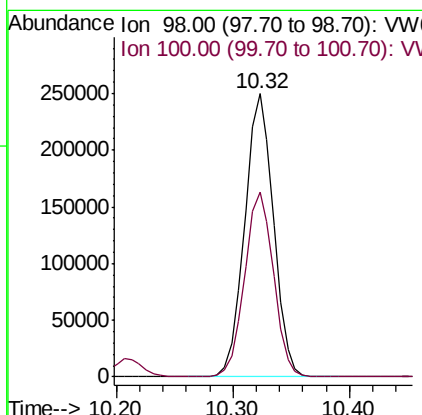
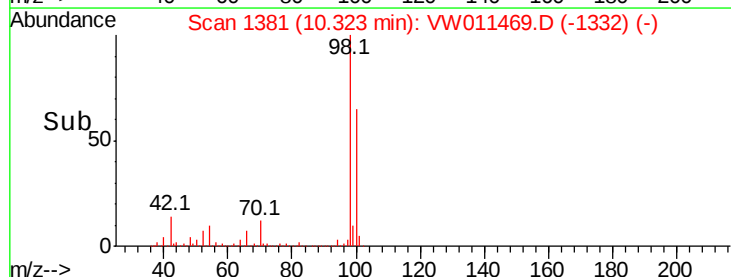
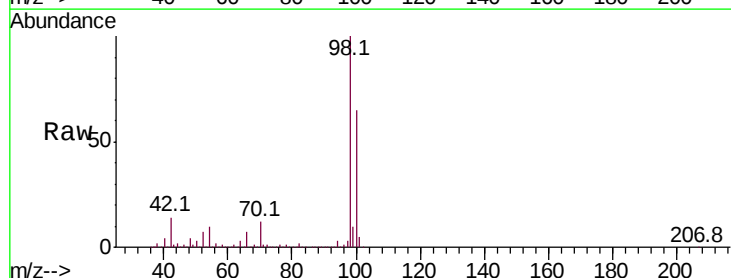
Manual Integrations
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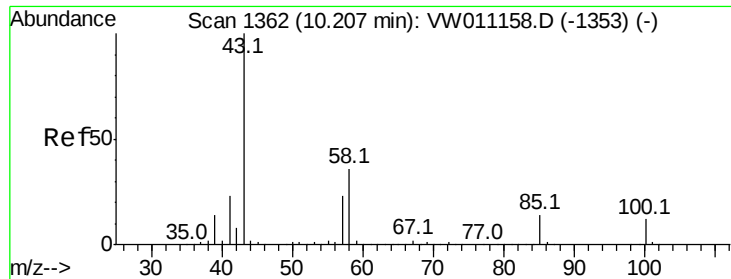
MMDadoda
7/25/2019 8:18:06 AM



#50
Toluene-d8
Concen: 46.981 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 94.873 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampled :

VW0725SBS01

Tot Ion: 43 Resp: 228168

Ion Ratio Lower Upper

43 100

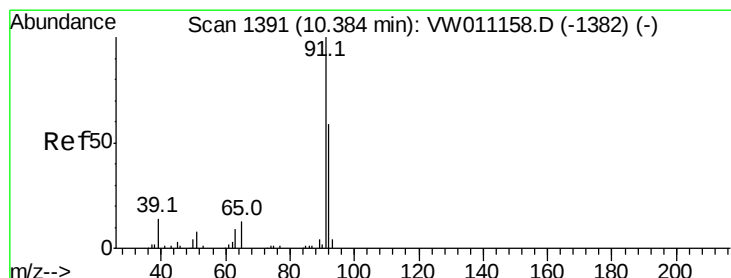
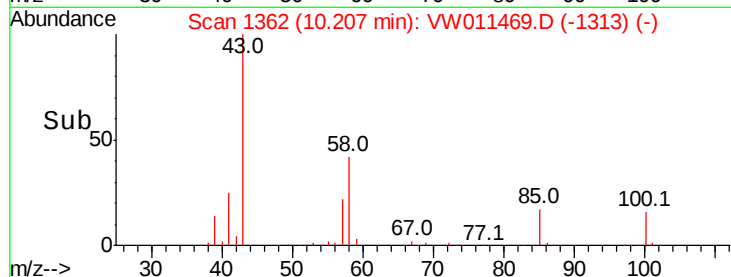
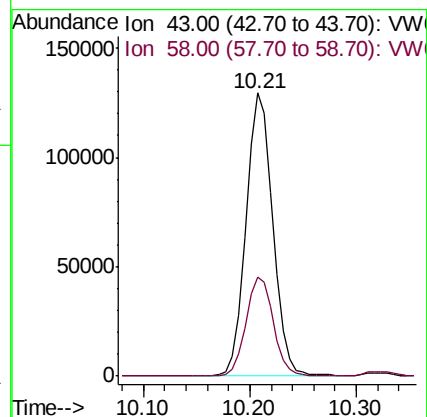
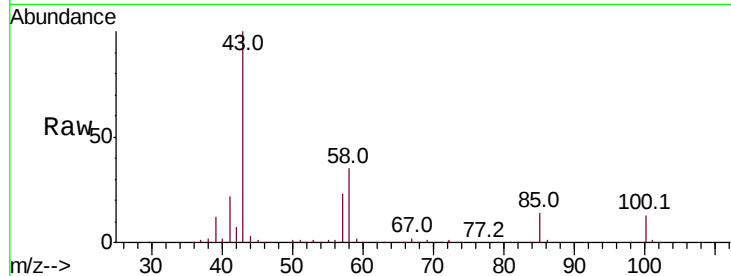
58 35.7 28.2 42.2

Manual Integrations

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#52

Toluene

Concen: 20.299 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011469.D

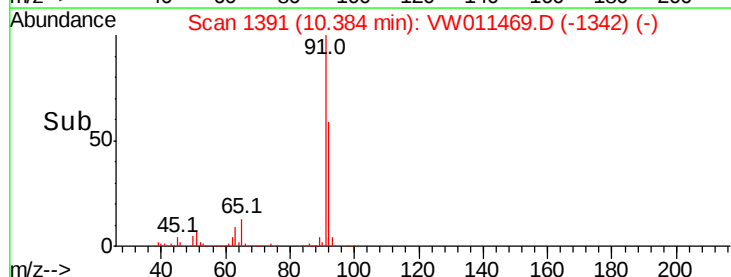
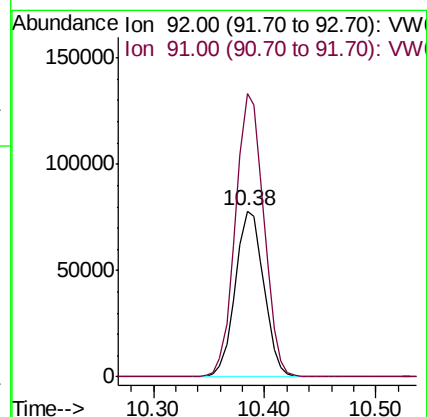
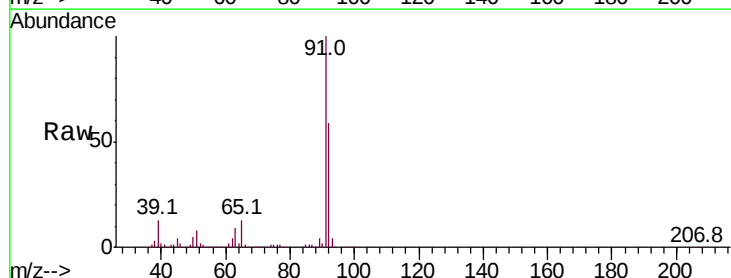
Acq: 24 Jul 2019 12:40

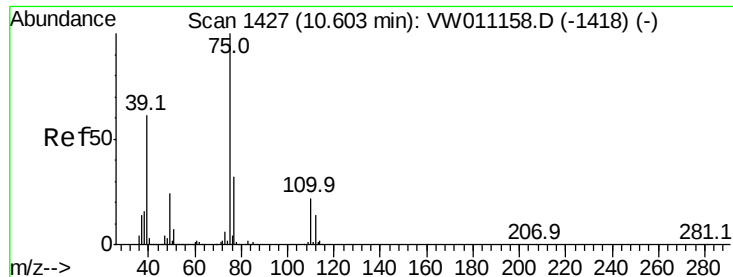
Tgt Ion: 92 Resp: 138118

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0





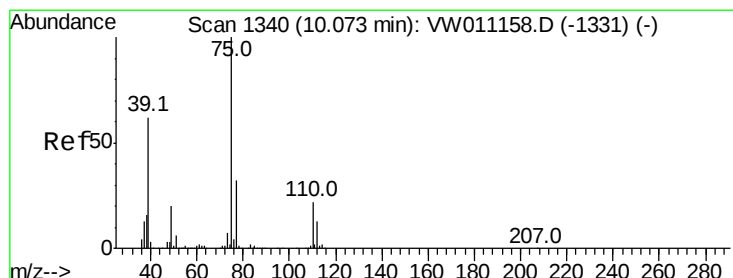
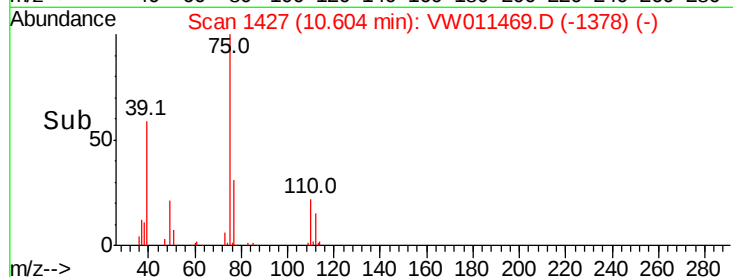
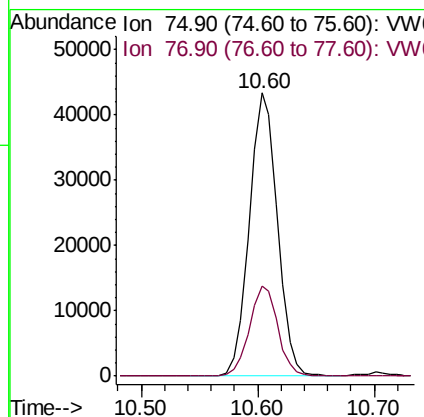
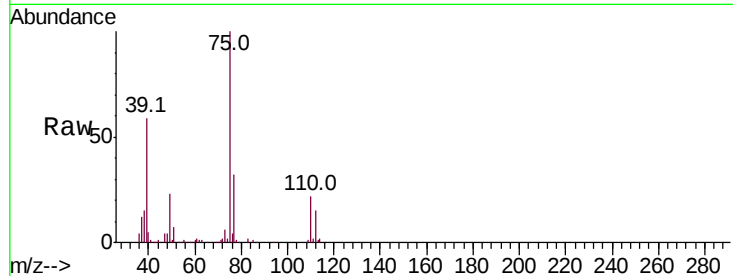
#53
t-1,3-Dichloropropene
Concen: 18.822 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 75 Resp: 73143
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

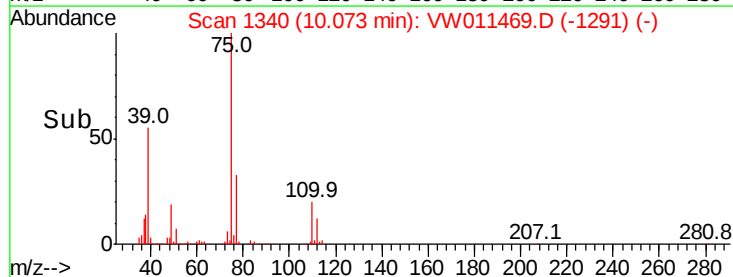
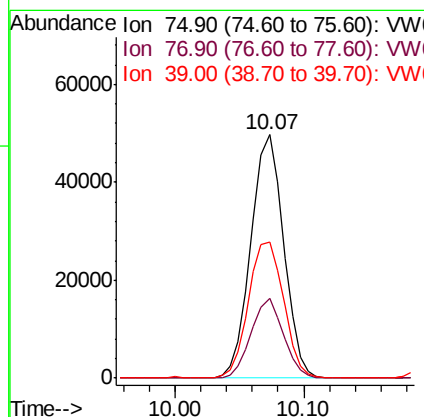
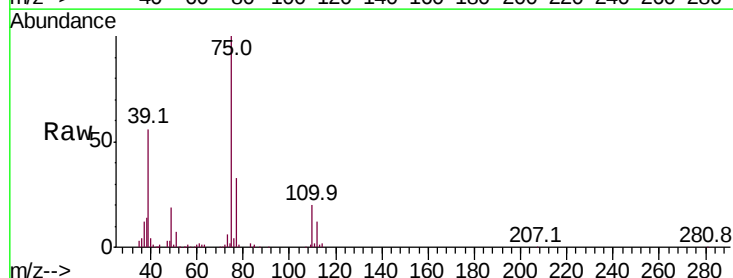
Manual Integrations
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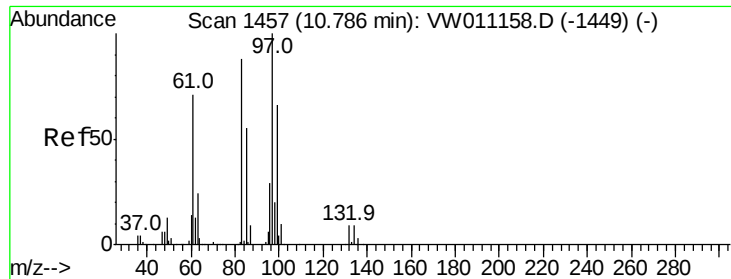
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.198 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion: 75 Resp: 87813
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
39 55.6 49.8 74.8





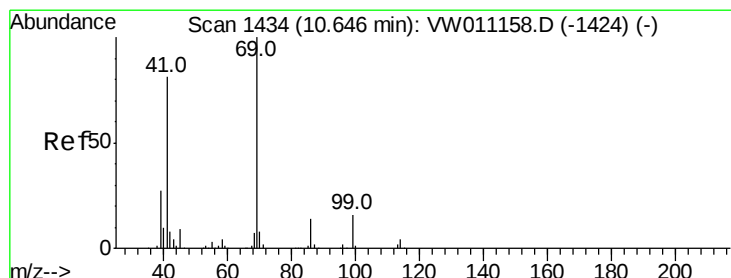
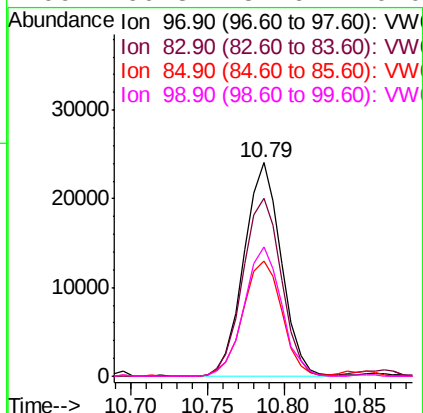
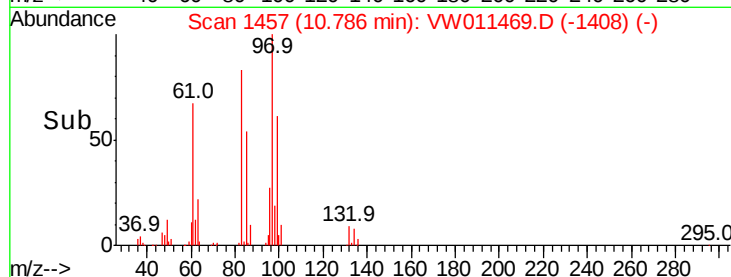
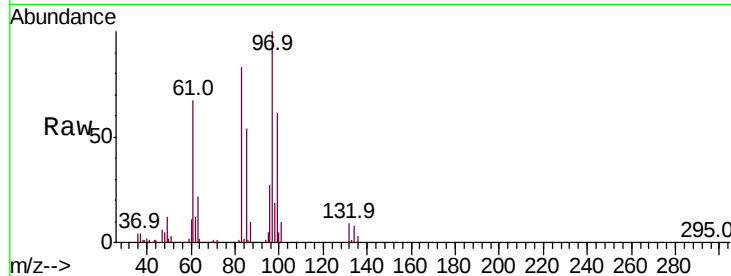
#55
 1,1,2-Trichloroethane
 Concen: 20.179 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.2	105.4
85	54.0	44.2	66.2
99	60.8	52.6	79.0

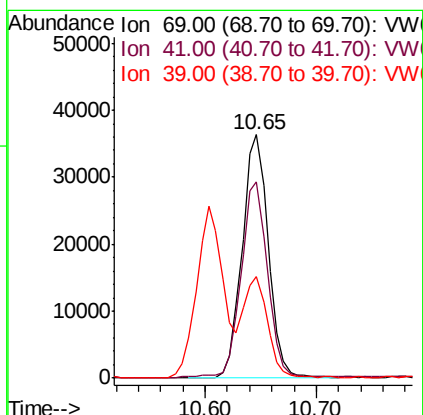
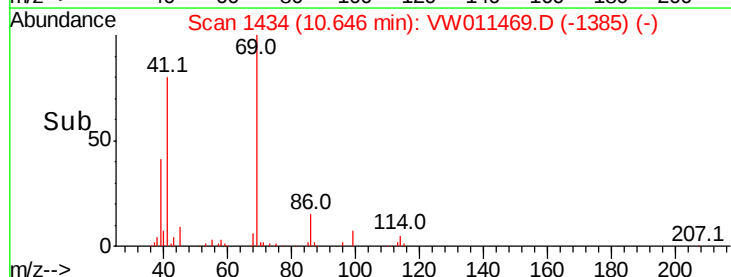
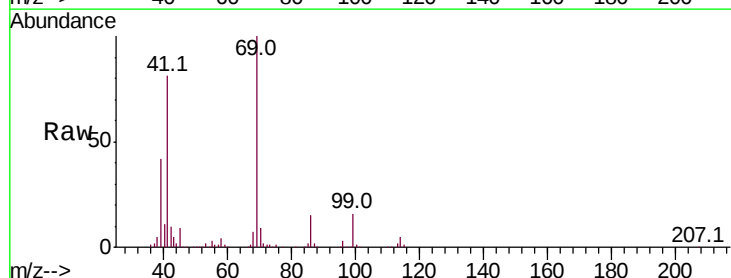
Manual Integrations
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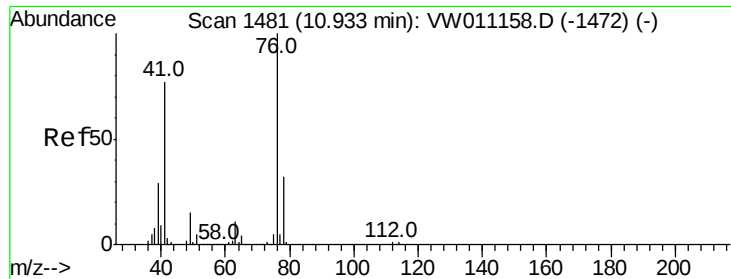
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 7/25/2019 8:18:06 AM



#56
 Ethyl methacrylate
 Concen: 19.286 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	81.2	66.5	99.7
39	37.3	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.756 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 76 Resp: 75618

Ion Ratio Lower Upper

76 100

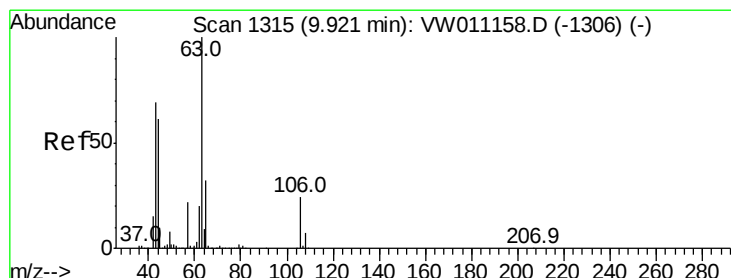
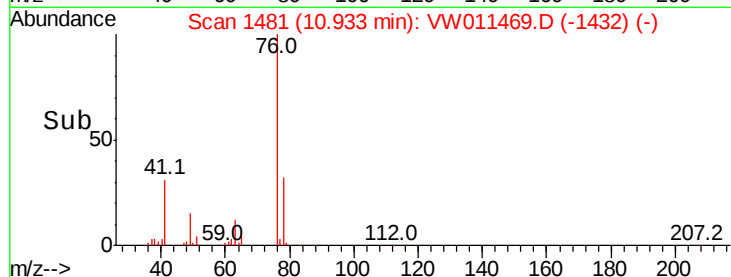
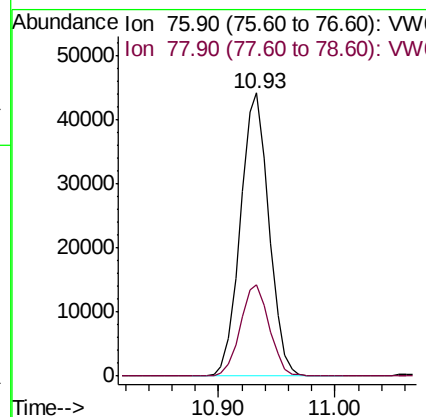
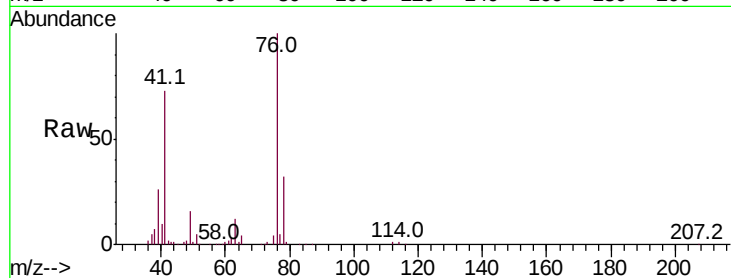
78 32.5 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 71.023 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011469.D

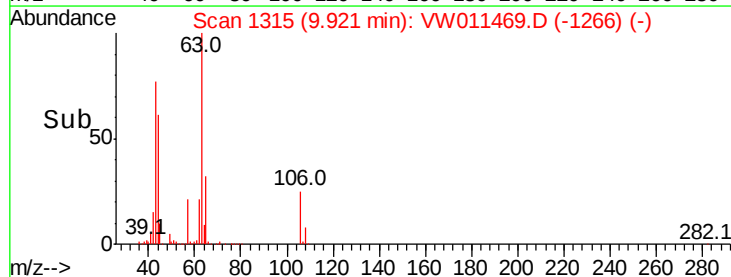
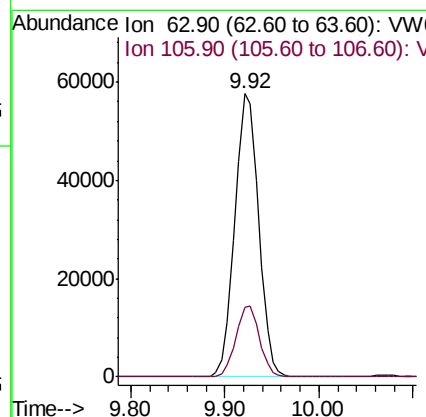
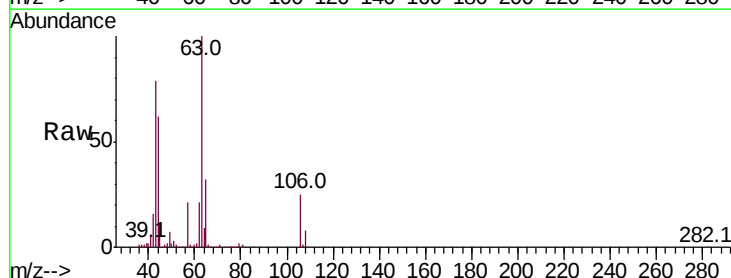
Acq: 24 Jul 2019 12:40

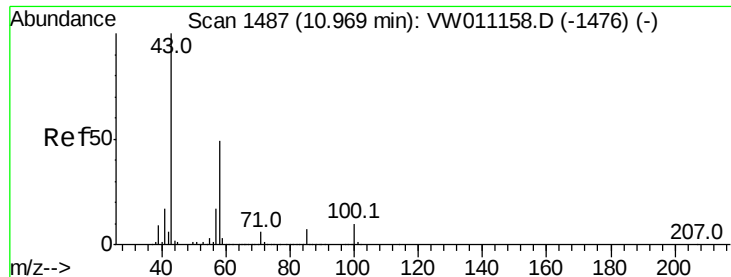
Tgt Ion: 63 Resp: 101471

Ion Ratio Lower Upper

63 100

106 24.8 19.4 29.0





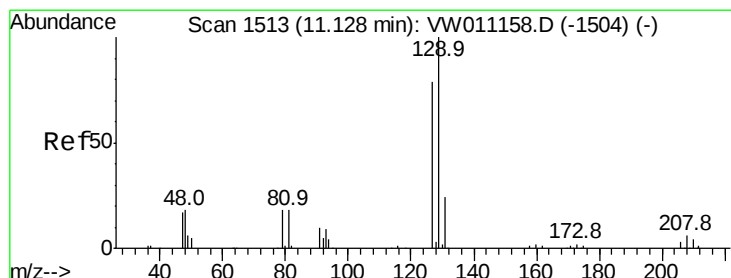
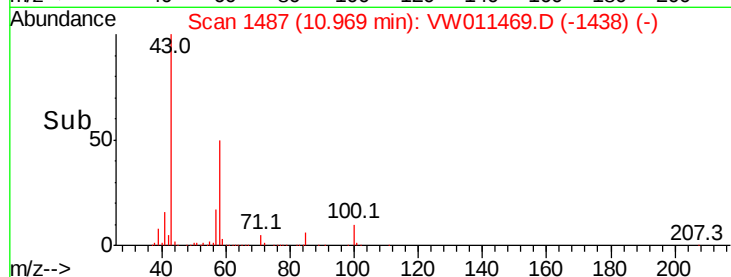
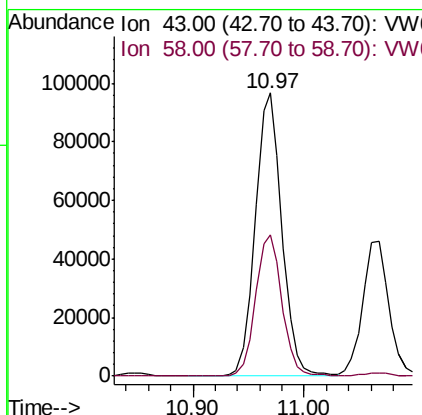
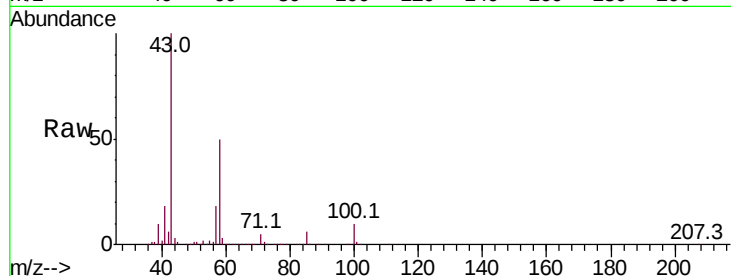
#59
2-Hexanone
Concen: 96.595 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 43 Resp: 161106
Ion Ratio Lower Upper
43 100
58 49.3 24.4 73.4

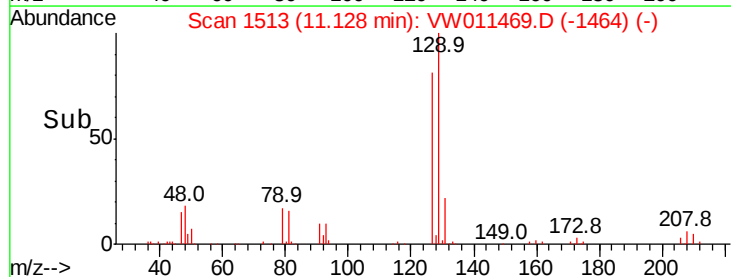
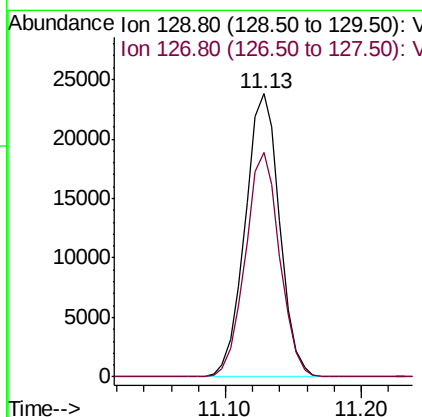
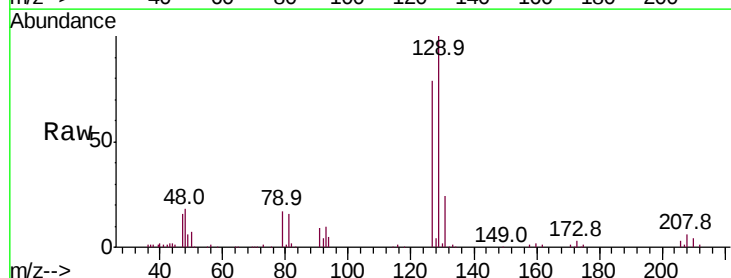
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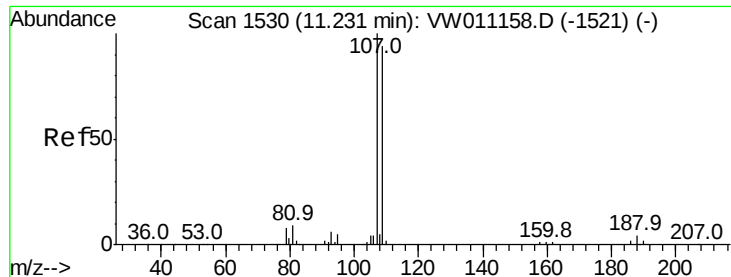
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#60
Dibromochloromethane
Concen: 19.028 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion: 129 Resp: 42236
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3





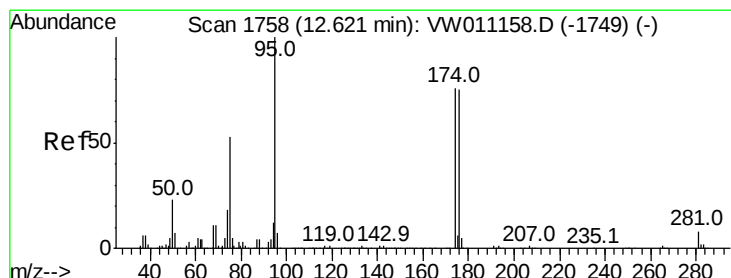
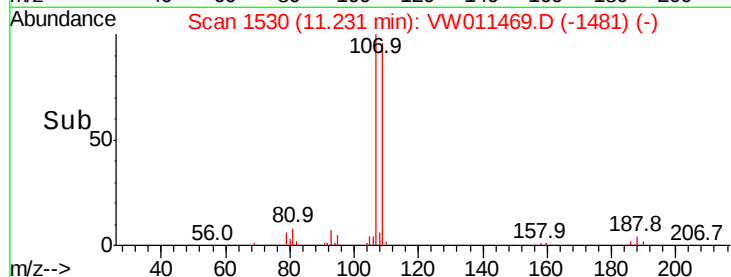
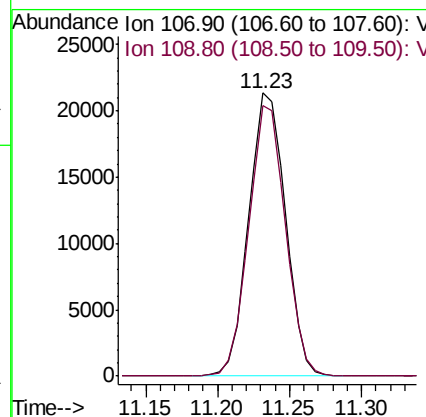
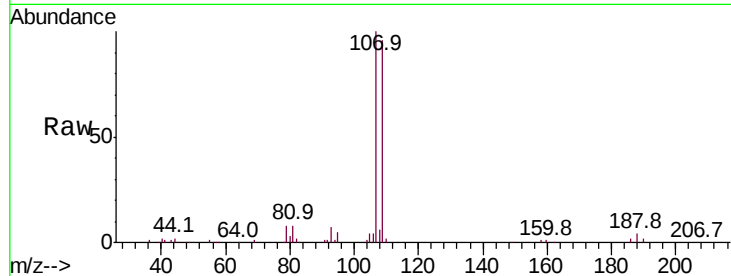
#61
 1,2-Dibromoethane
 Concen: 19.645 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.2	112.8

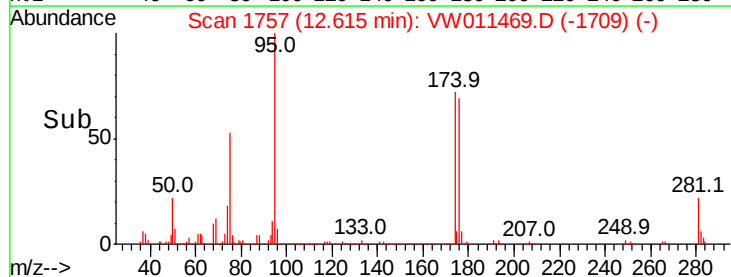
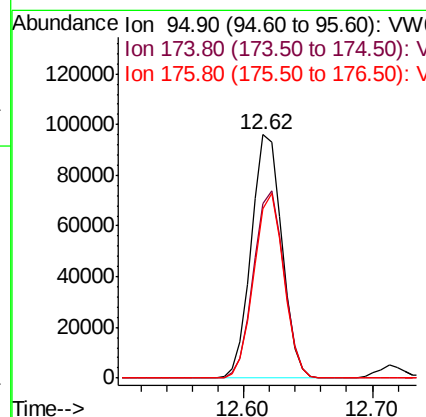
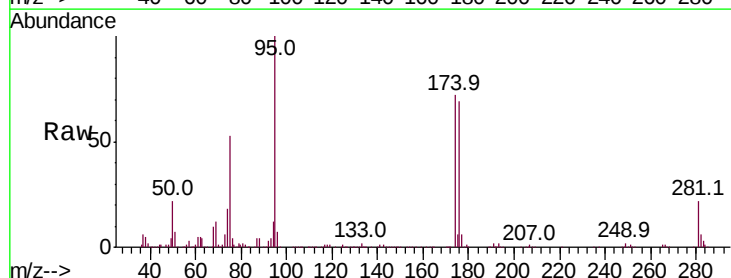
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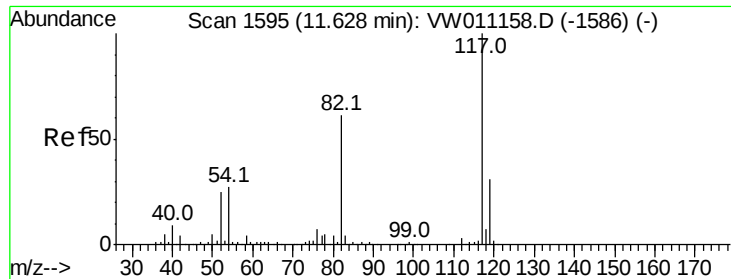
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#62
 4-Bromofluorobenzene
 Concen: 46.742 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	147.6
176	74.3	0.0	144.6





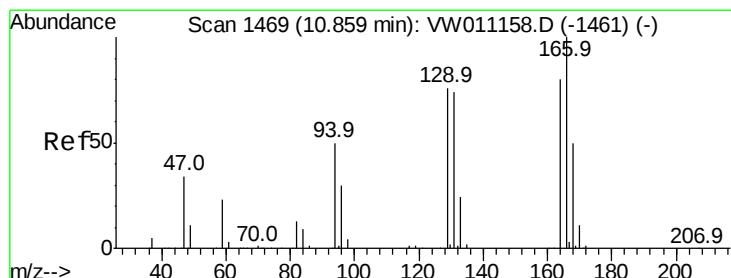
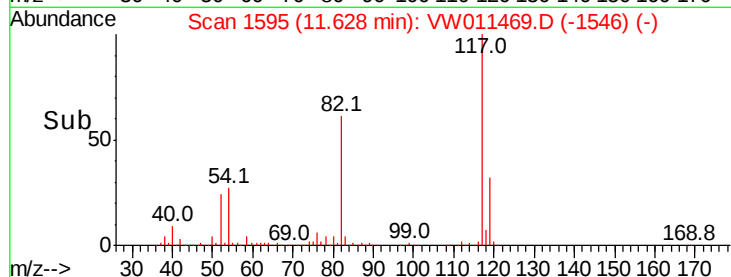
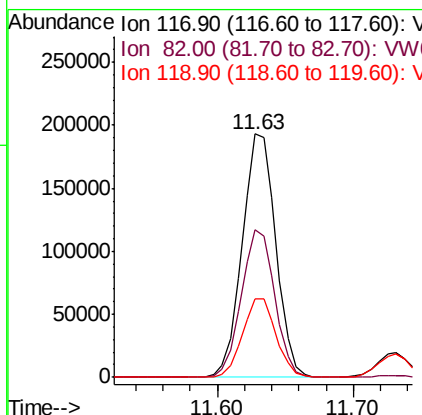
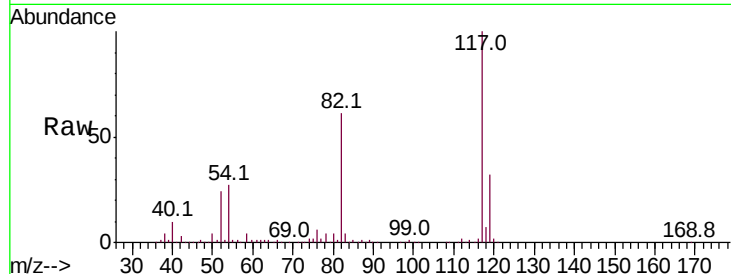
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.9	73.3
119	32.2	25.0	37.6

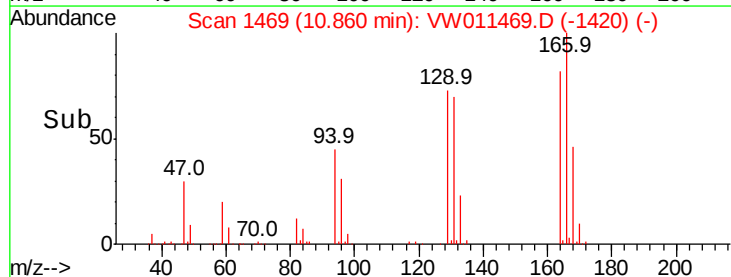
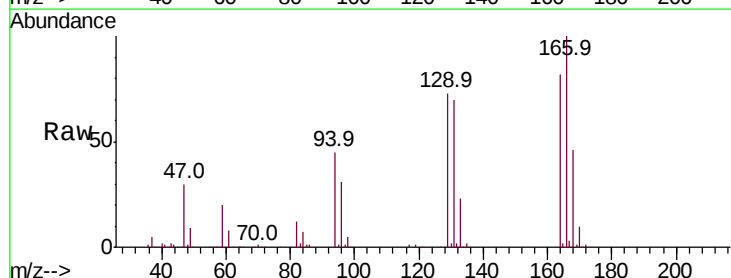
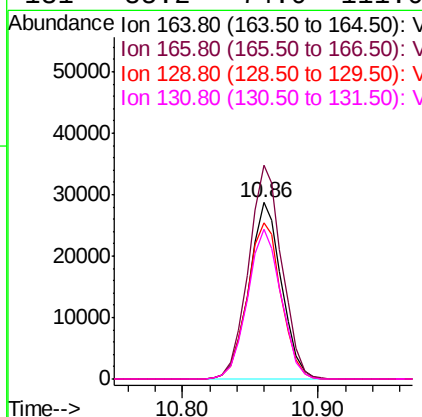
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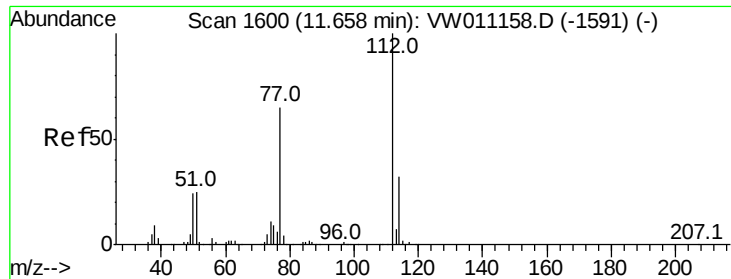
MMDadoda
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#64
Tetrachloroethene
Concen: 21.469 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.3	99.7	149.5
129	89.0	76.2	114.2
131	85.2	74.0	111.0





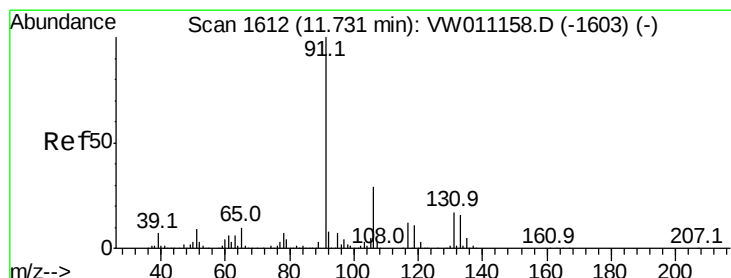
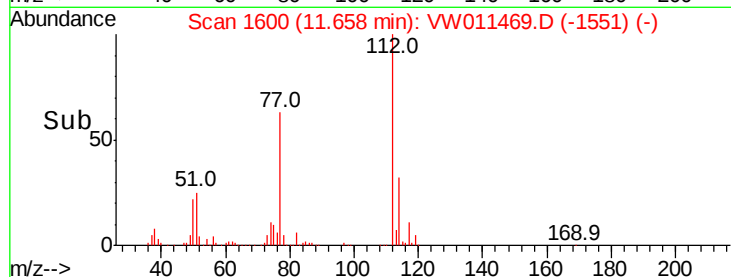
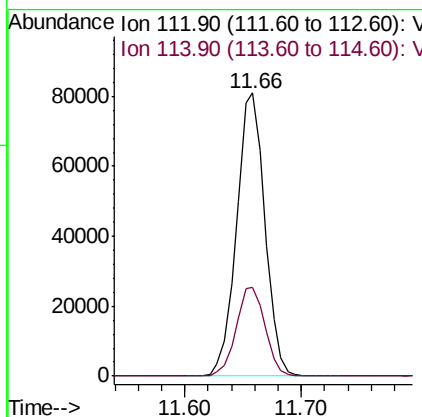
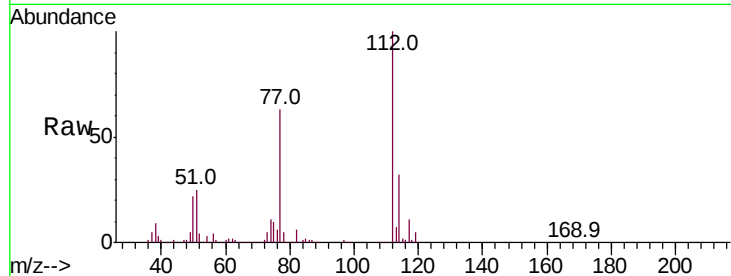
#65
Chlorobenzene
Concen: 20.281 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3

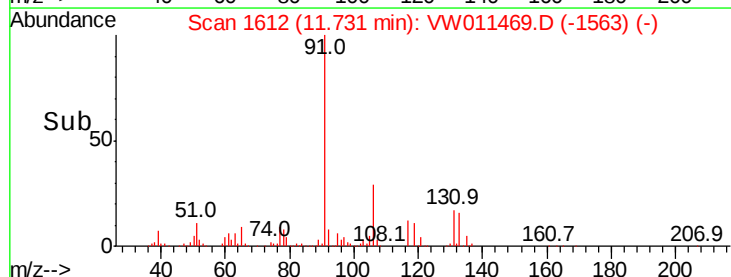
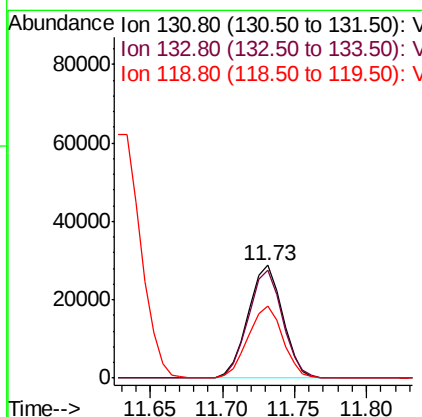
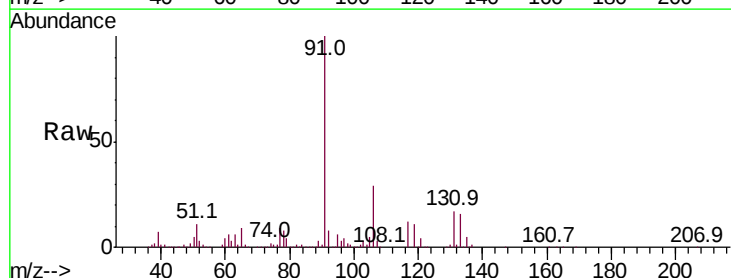
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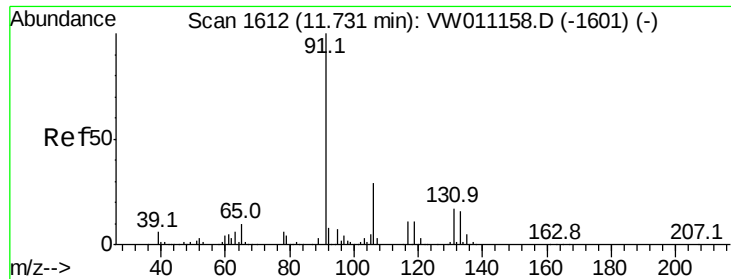
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.8
119	64.3	33.1	99.2





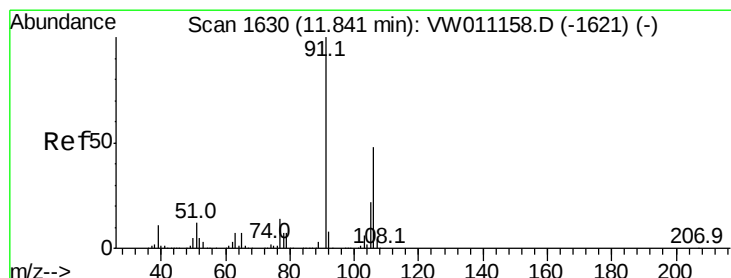
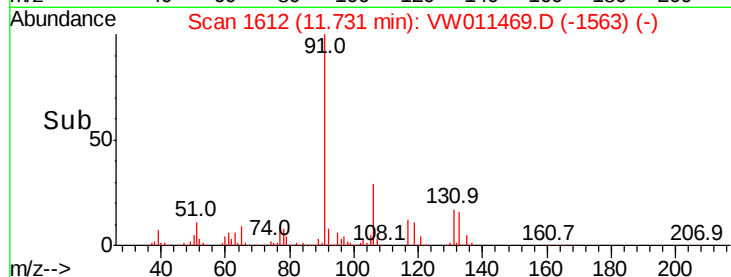
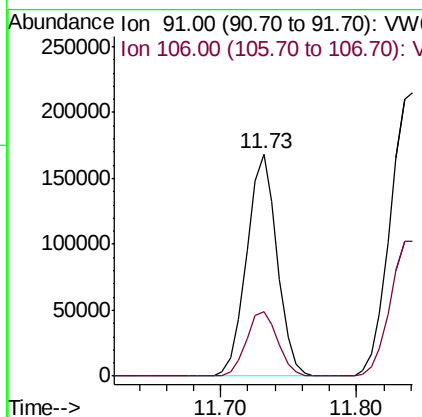
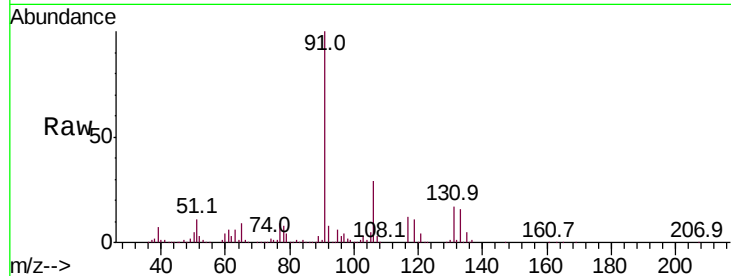
#67
Ethyl Benzene
Concen: 20.349 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.5	35.3

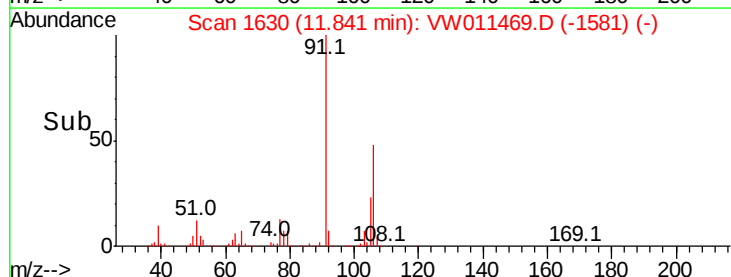
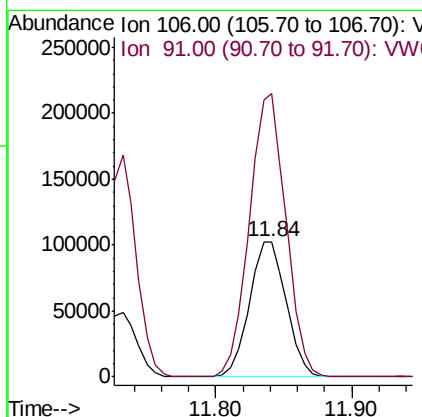
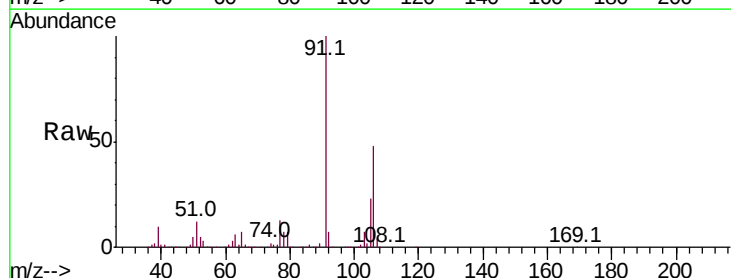
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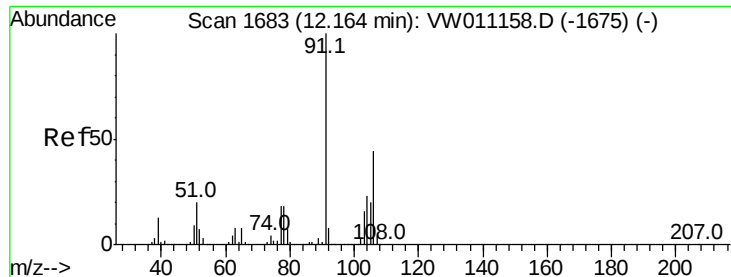
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#68
m/p-Xylenes
Concen: 41.406 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.6	167.7	251.5





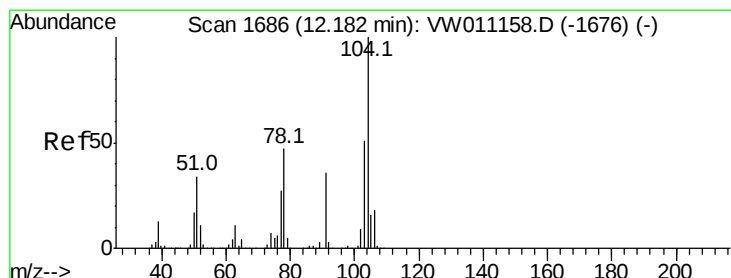
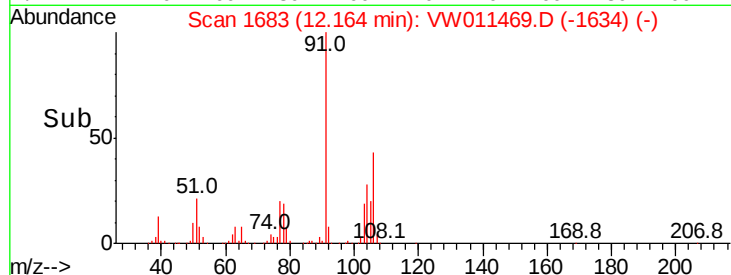
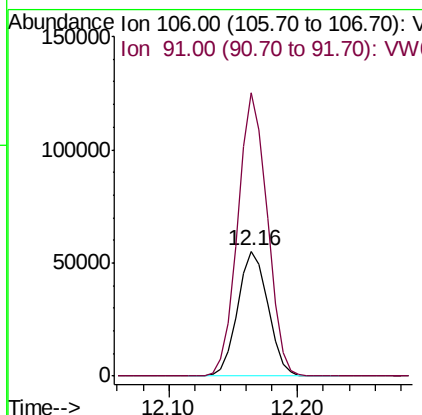
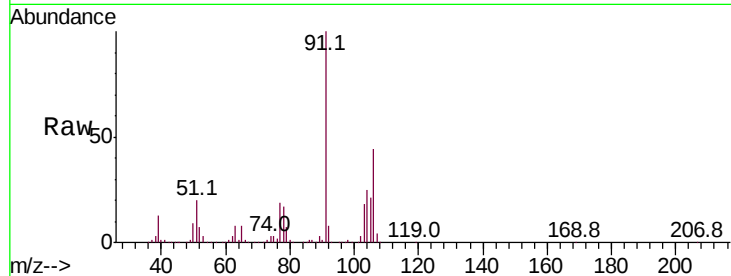
#69
o-Xylene
Concen: 20.324 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion:106 Resp: 89764
Ion Ratio Lower Upper
106 100
91 220.9 110.7 332.1

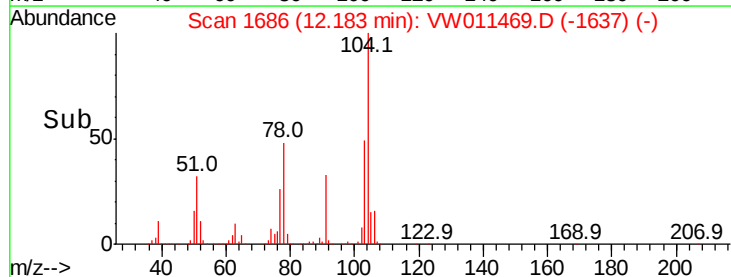
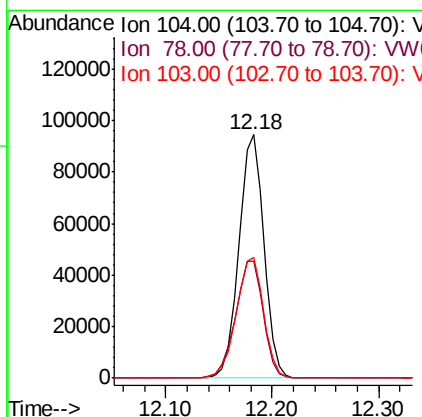
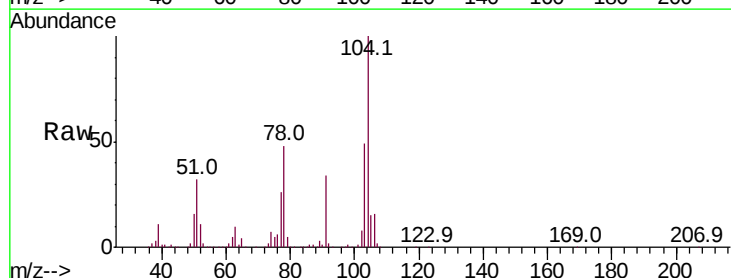
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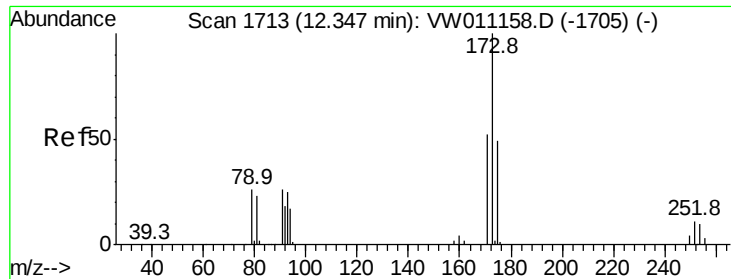
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#70
Styrene
Concen: 20.489 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion:104 Resp: 156168
Ion Ratio Lower Upper
104 100
78 53.3 43.1 64.7
103 54.2 44.1 66.1





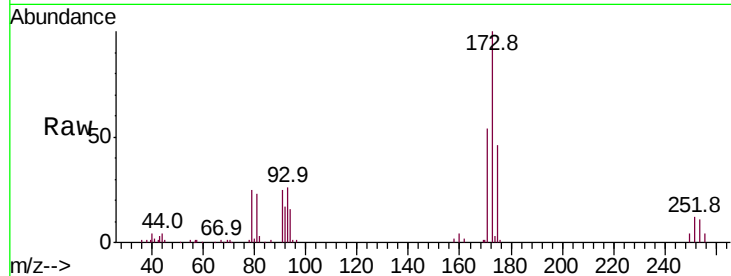
#71
Bromoform
Concen: 18.520 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

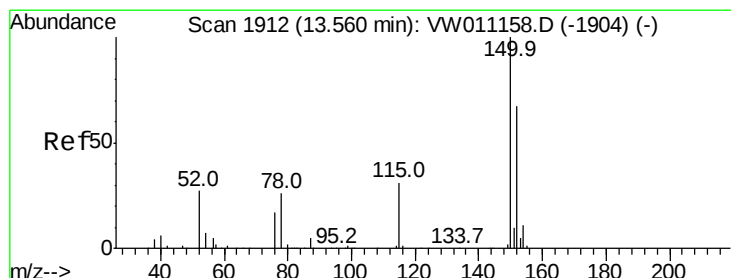
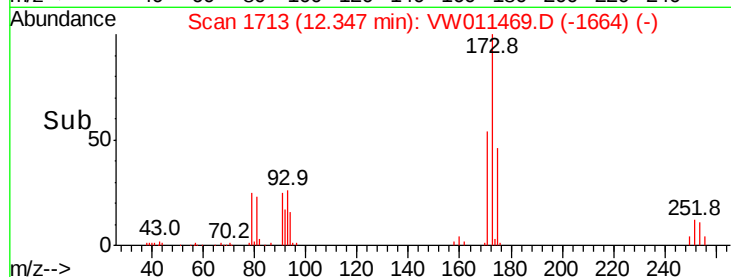
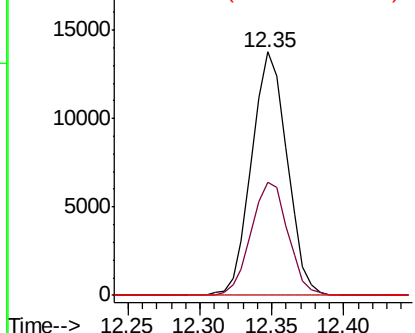
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.0	0.0	0.0

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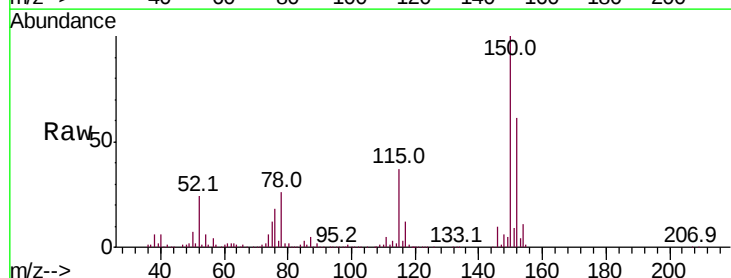


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

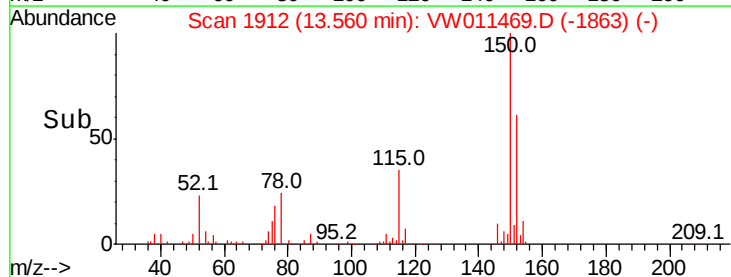
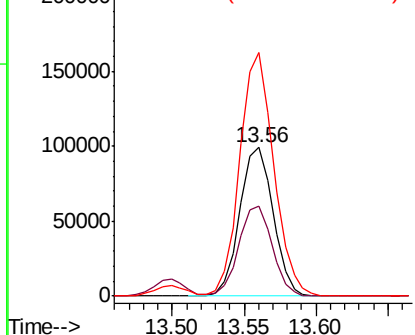


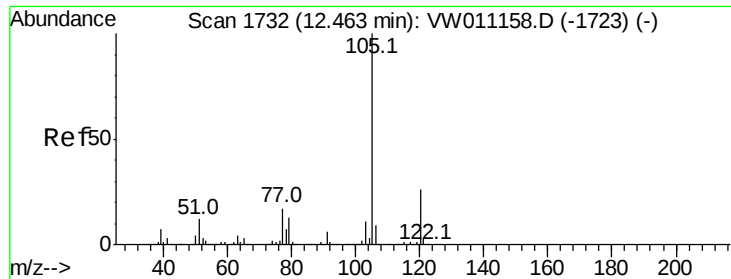
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.1	90.3
150	166.0	0.0	346.0



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





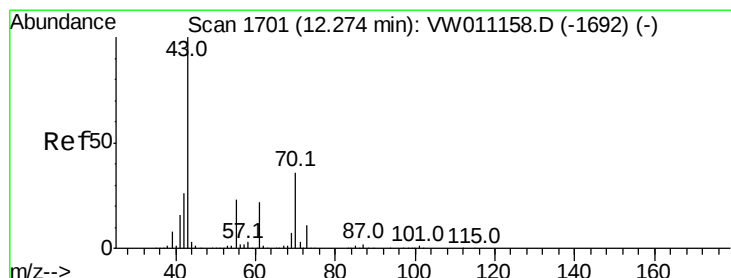
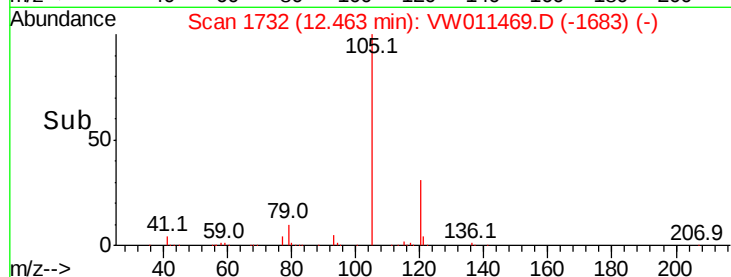
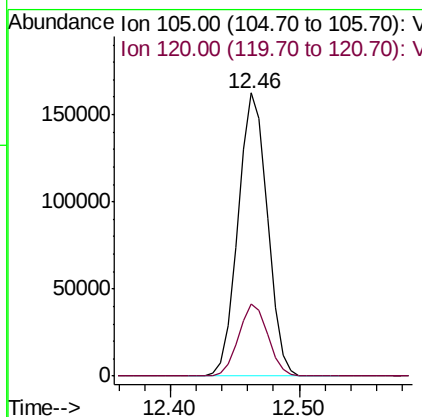
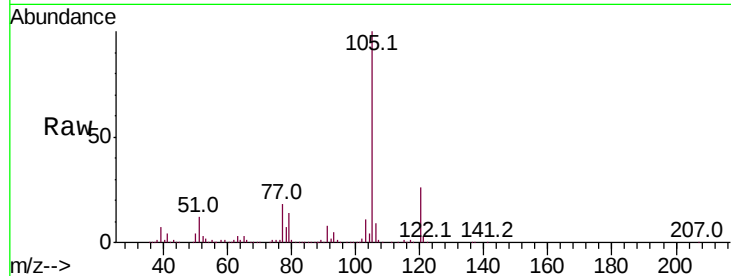
#73
Isopropylbenzene
Concen: 21.381 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3

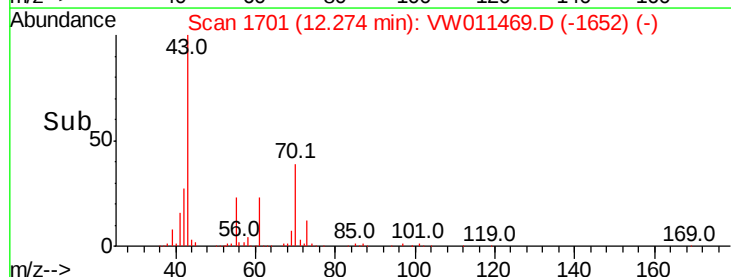
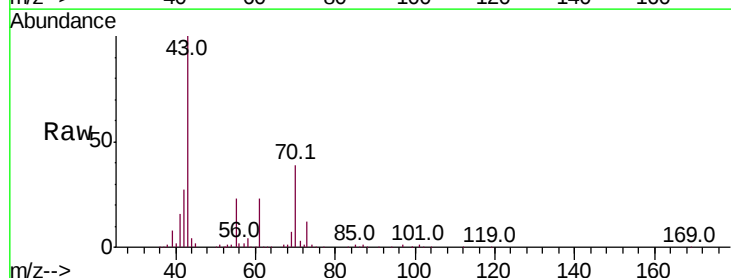
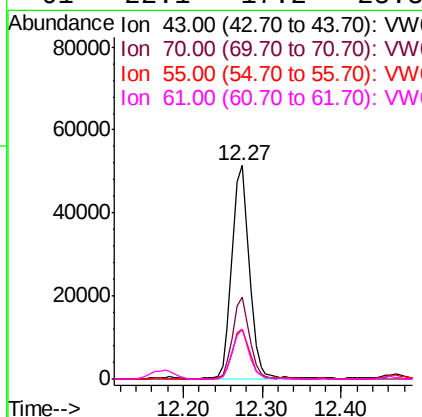
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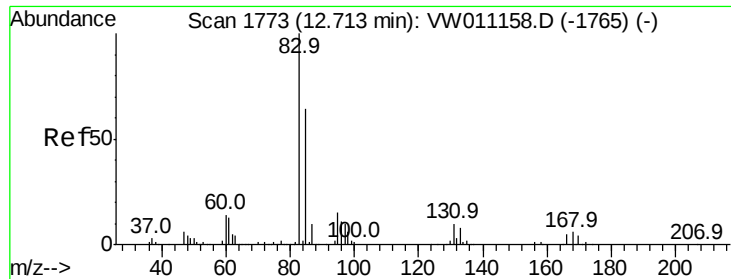
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#74
N-ethyl acetate
Concen: 19.553 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.5	28.5	42.7
55	23.1	18.1	27.1
61	22.1	17.2	25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.741 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

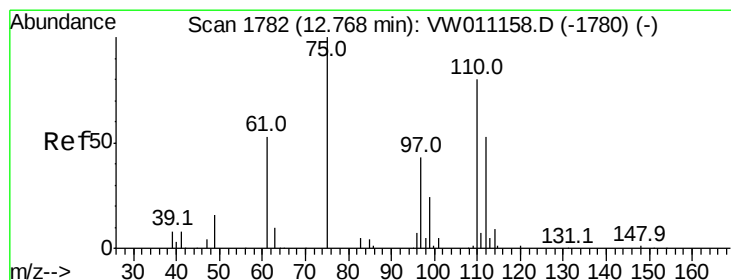
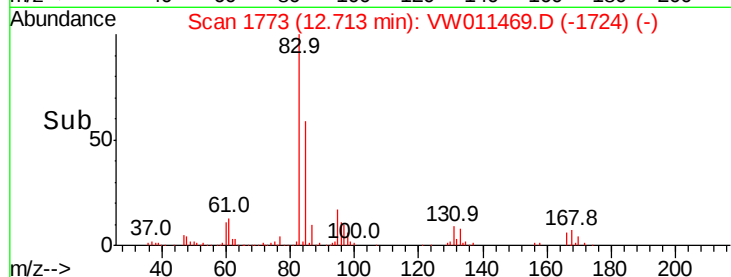
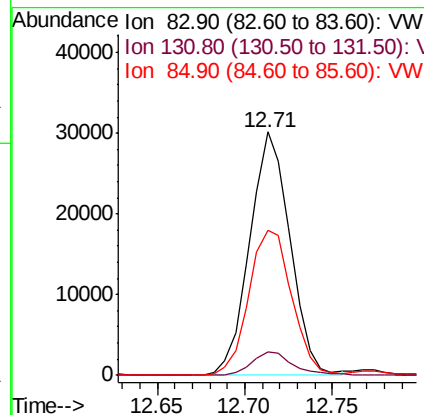
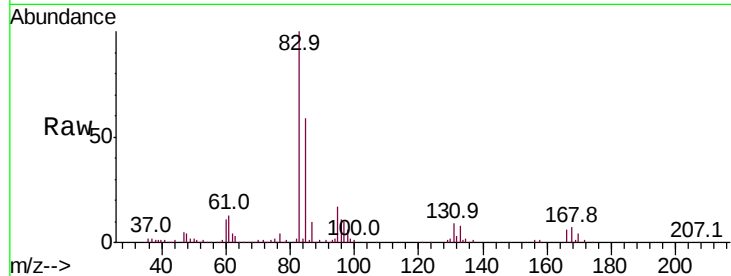
ClientSampleId :

VW0725SBS01

Tot Ion:	83	Resp:	48388
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	63.3	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 18.006 ug/l m

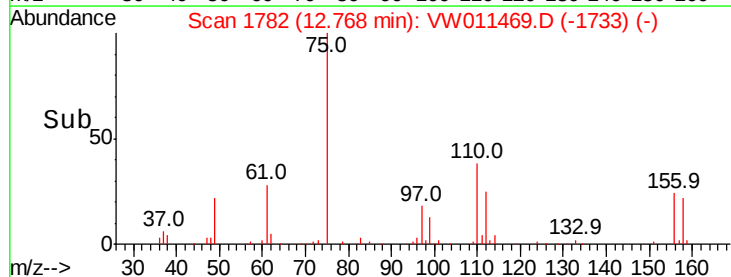
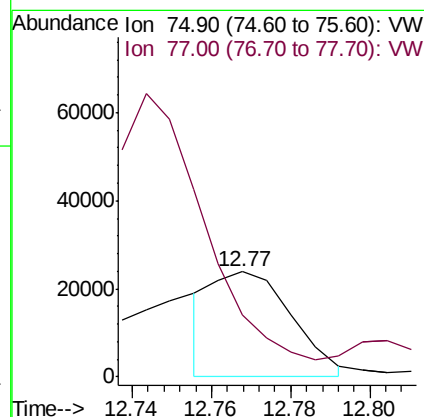
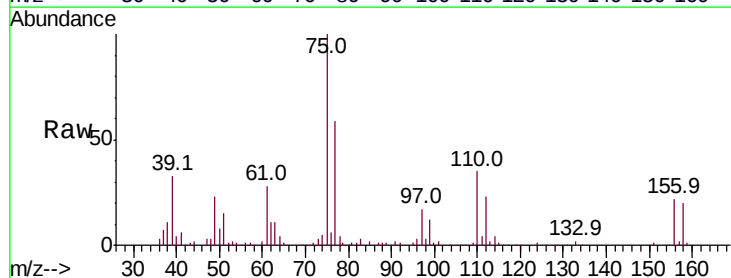
RT: 12.77 min Scan# 1782

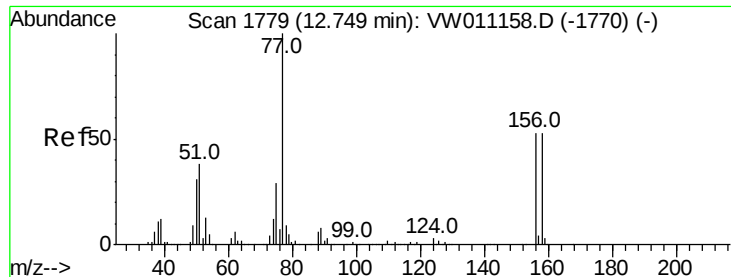
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	75	Resp:	33285
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.141 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion:156 Resp: 56732

Ion Ratio Lower Upper

156 100

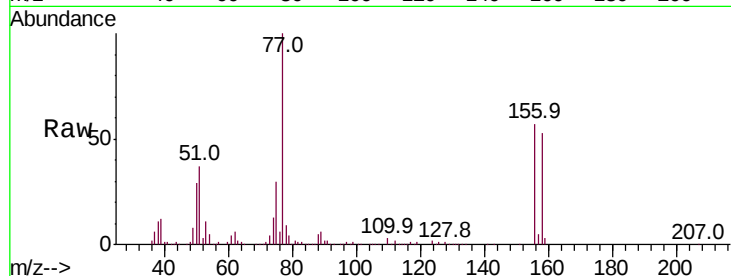
77 208.8 109.0 327.0

158 95.6 48.8 146.3

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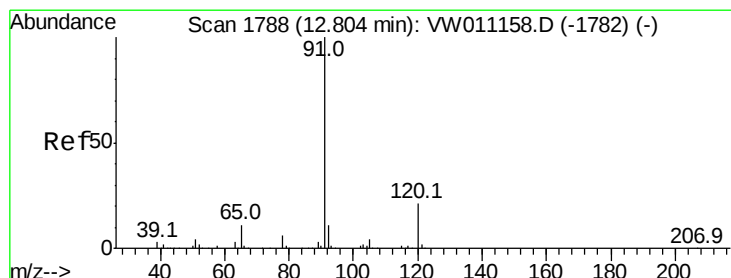
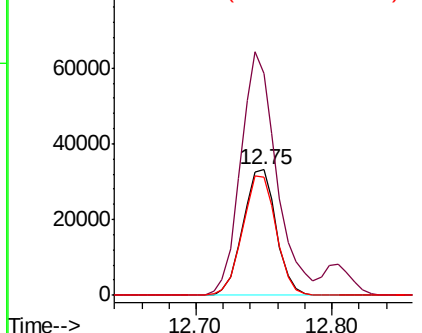
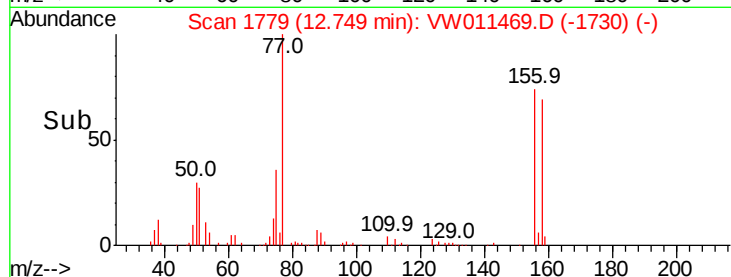
7/25/2019 8:18:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.943 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011469.D

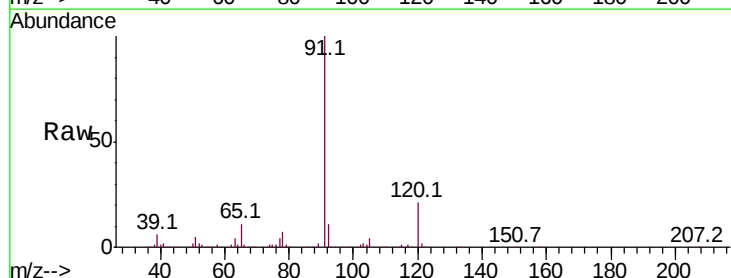
Acq: 24 Jul 2019 12:40

Tgt Ion: 91 Resp: 308484

Ion Ratio Lower Upper

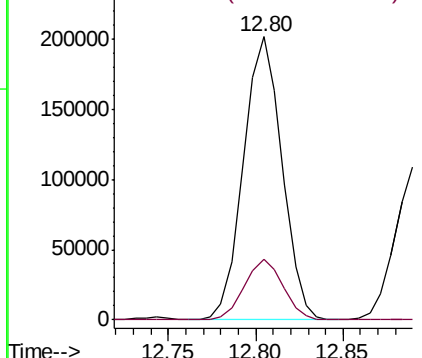
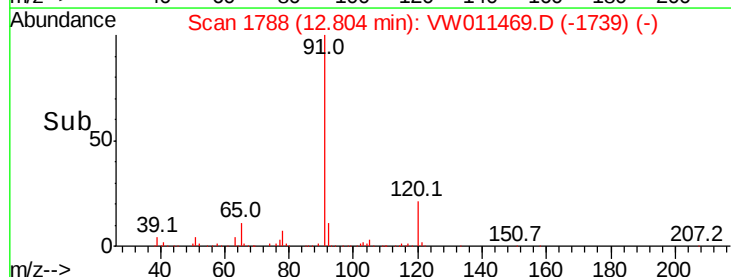
91 100

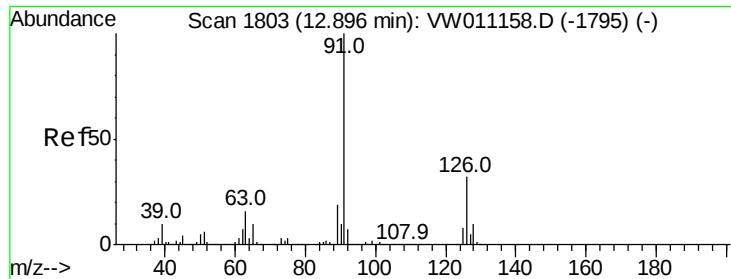
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





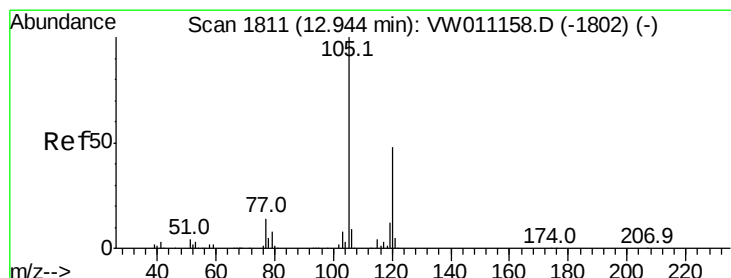
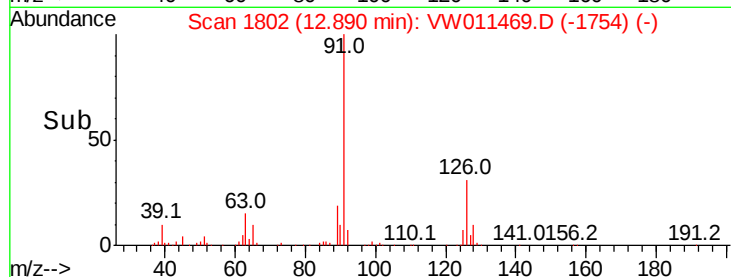
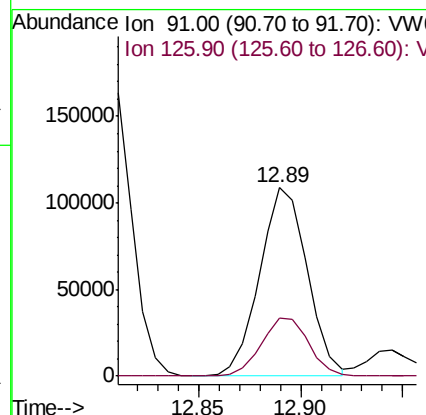
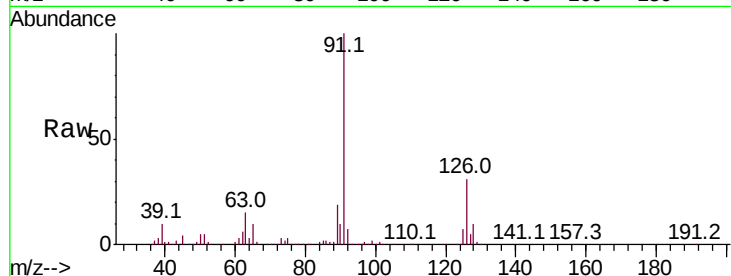
#79
2-Chlorotoluene
Concen: 20.796 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 91 Resp: 176273
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.3

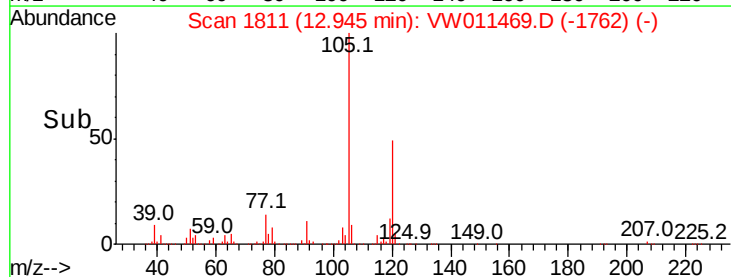
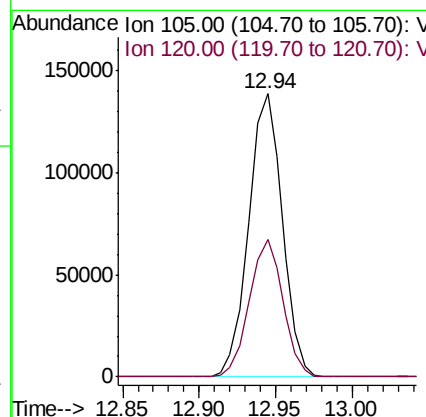
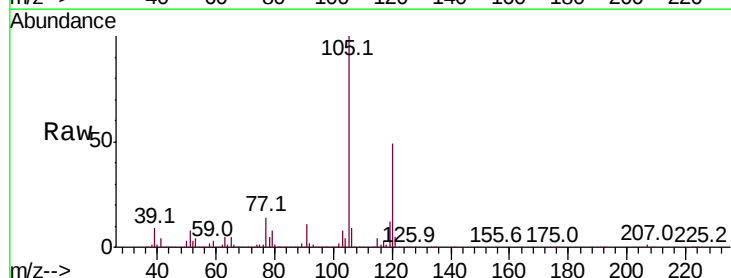
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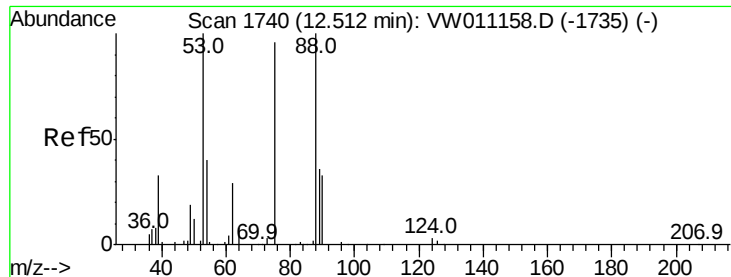
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#80
1,3,5-Trimethylbenzene
Concen: 20.875 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion:105 Resp: 212055
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.679 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 75 Resp: 15266

Ion Ratio Lower Upper

75 100

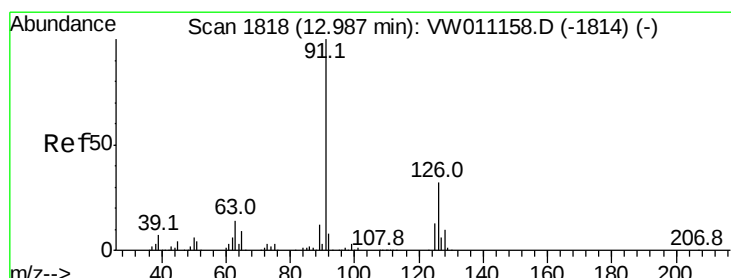
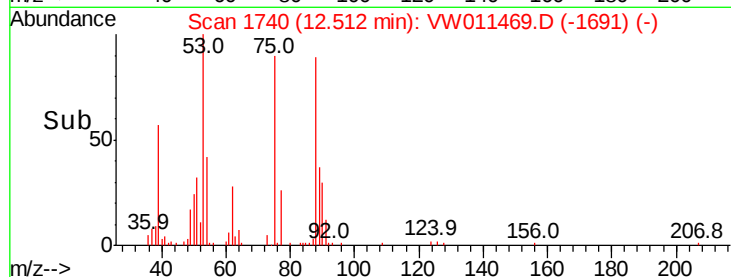
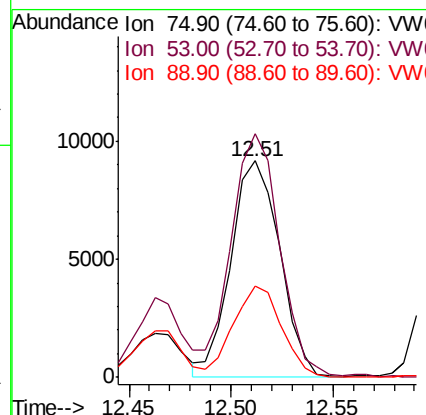
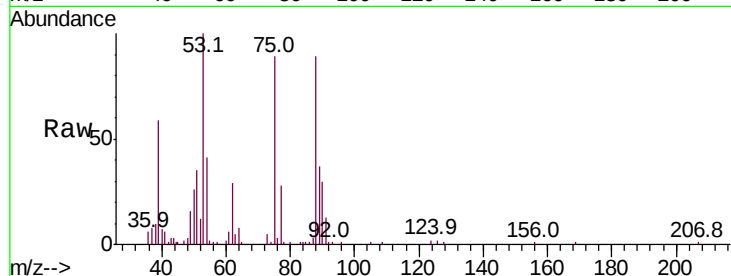
53 110.7 89.8 134.6

89 41.3 34.3 51.5

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#82

4-Chlorotoluene

Concen: 20.531 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011469.D

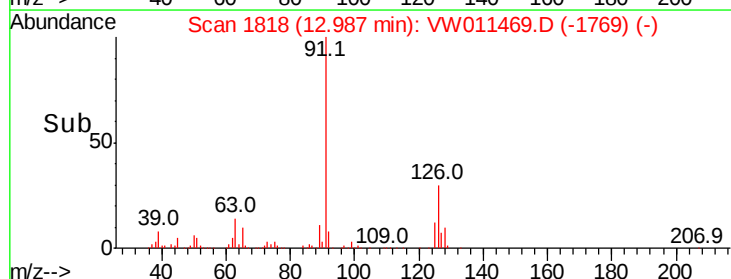
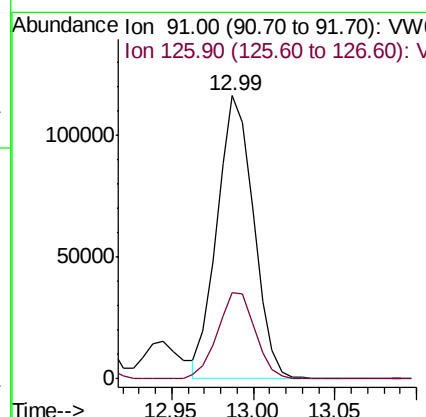
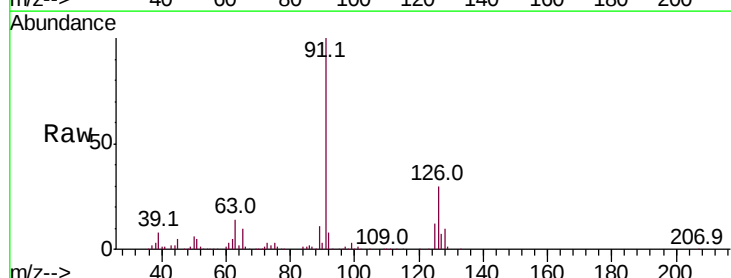
Acq: 24 Jul 2019 12:40

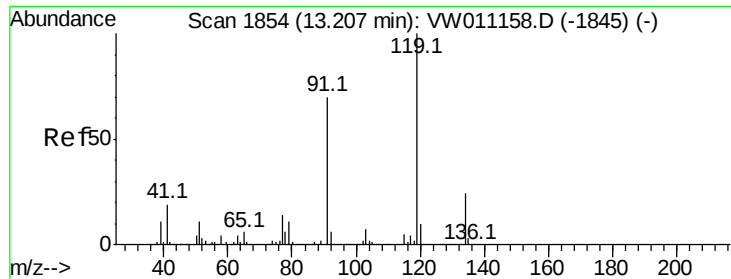
Tgt Ion: 91 Resp: 181257

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.1





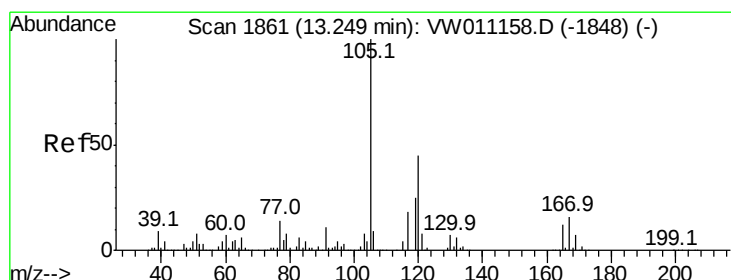
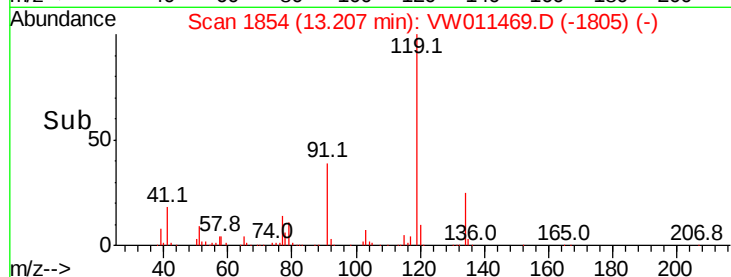
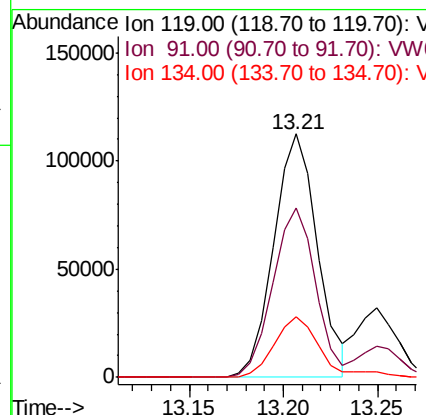
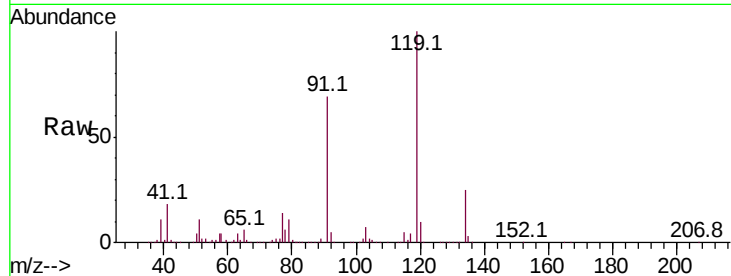
#83
tert-Butylbenzene
Concen: 21.310 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180543		
91	68.3	35.4	106.3	
134	26.6	13.4	40.2	

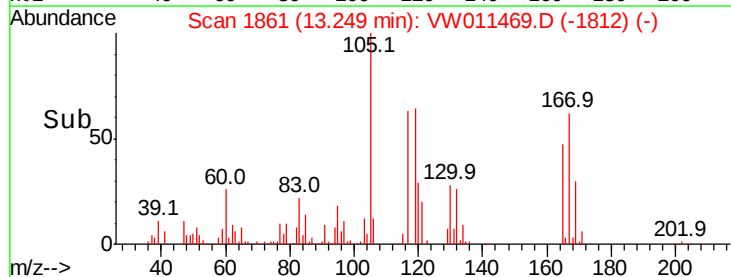
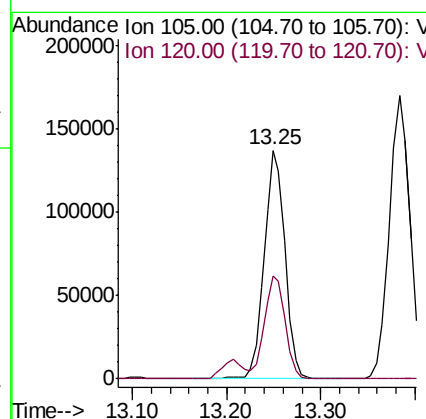
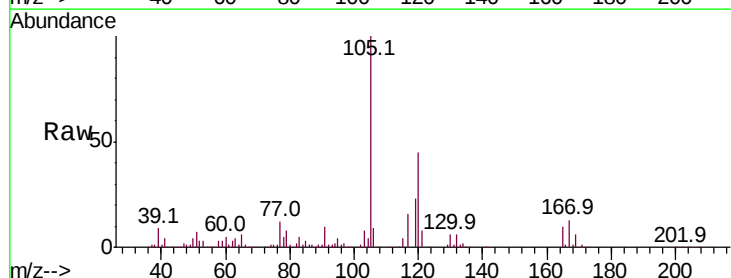
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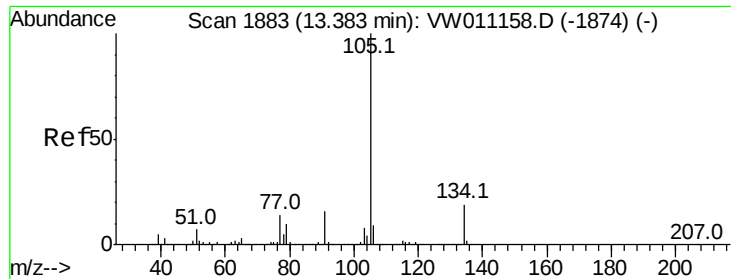
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#84
1,2,4-Trimethylbenzene
Concen: 20.958 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213773		
120	44.5	22.3	66.9	





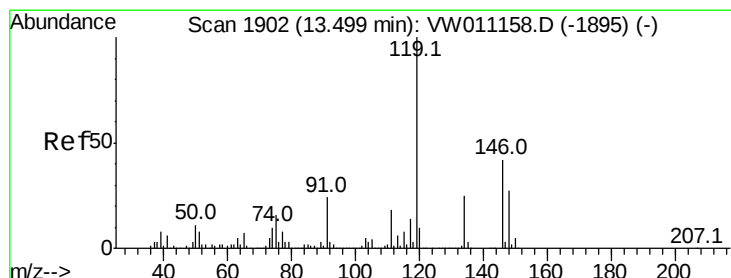
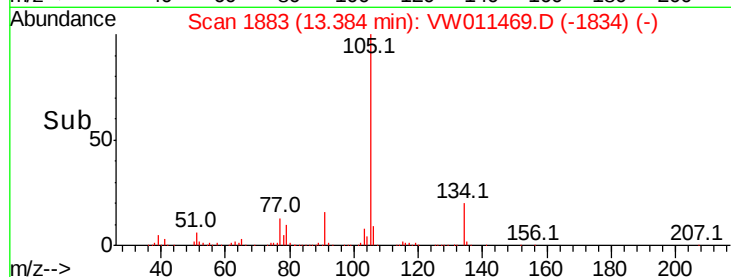
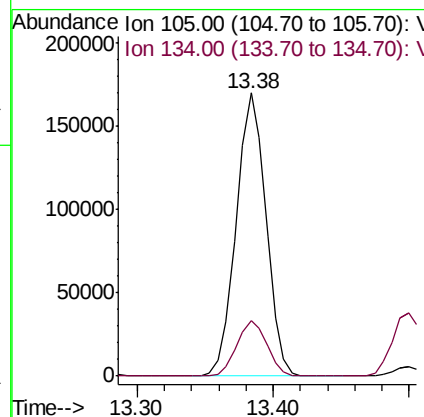
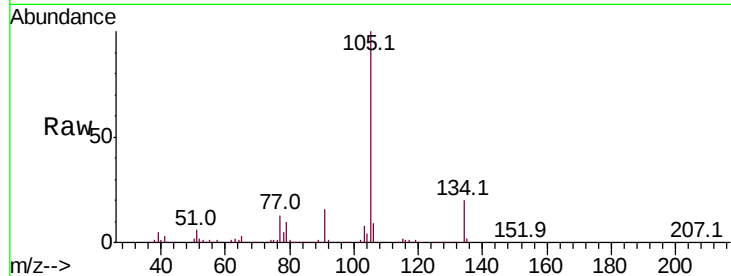
#85
 sec-Butylbenzene
 Concen: 21.235 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	259594		
134	19.8	9.7	28.9	

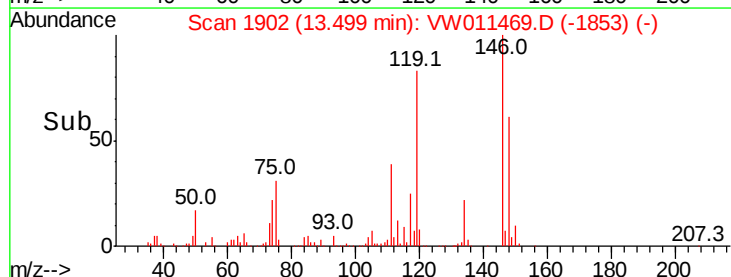
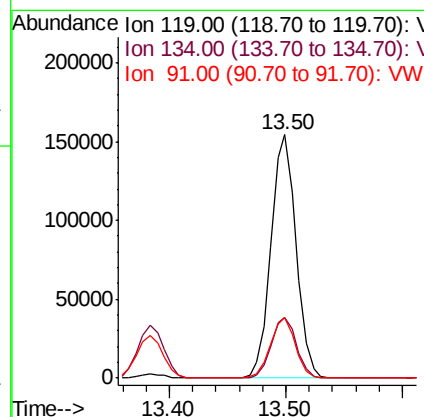
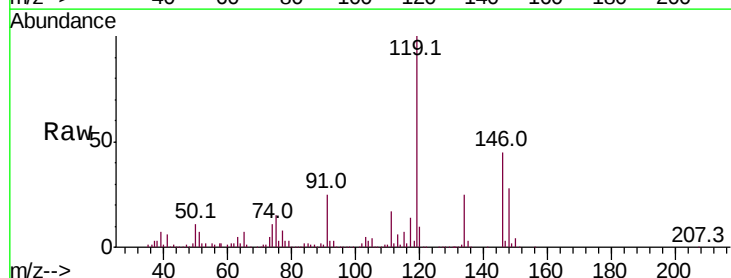
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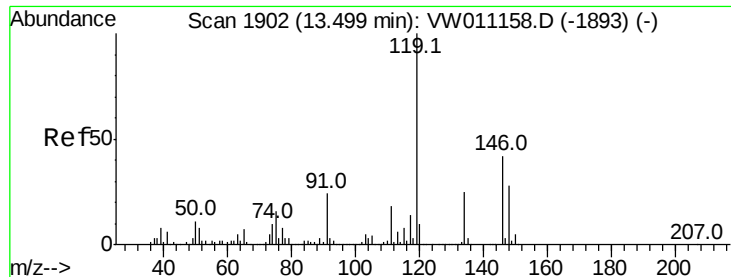
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#86
 p-Isopropyltoluene
 Concen: 21.124 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	231616		
134	25.2	12.9	38.6	
91	24.6	12.3	36.8	





#87

1,3-Dichlorobenzene

Concen: 21.223 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Instrument :

MSVOA_W

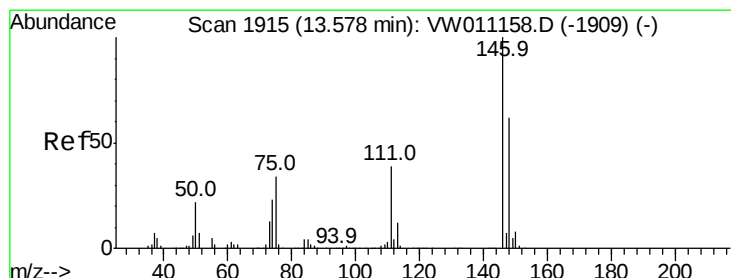
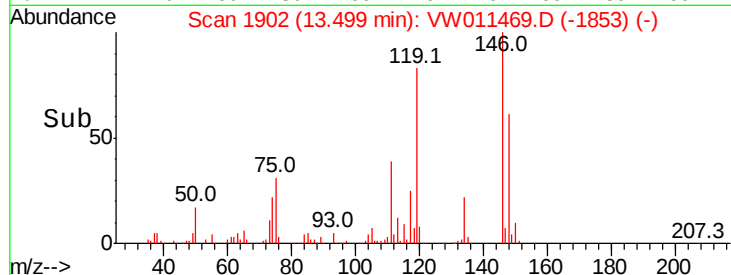
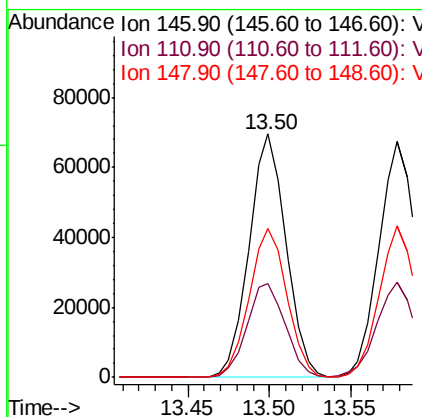
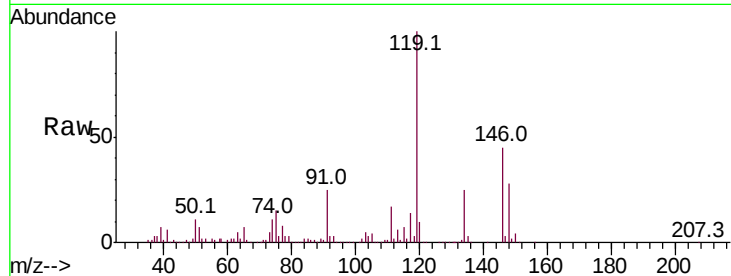
ClientSampleId :

VW0725SBS01

Tot Ion:	146	Resp:	109571
Ion Ratio	Lower	Upper	
146	100		
111	40.1	21.1	63.1
148	62.4	32.6	97.7

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#88

1,4-Dichlorobenzene

Concen: 20.685 ug/l

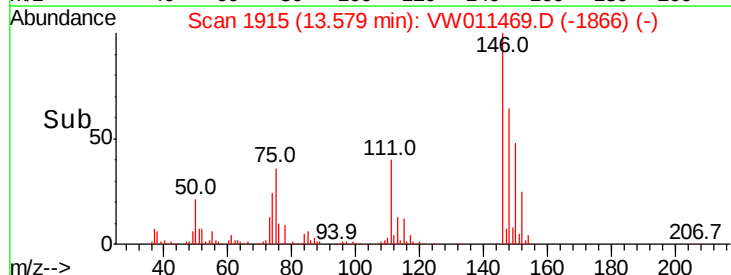
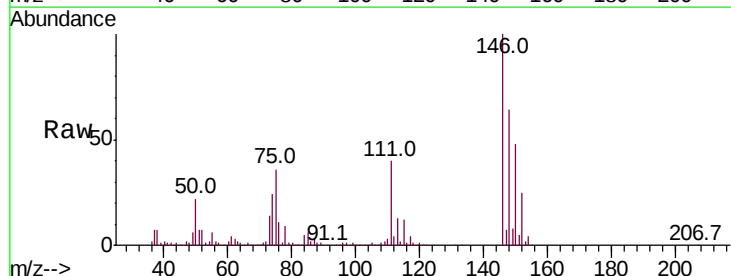
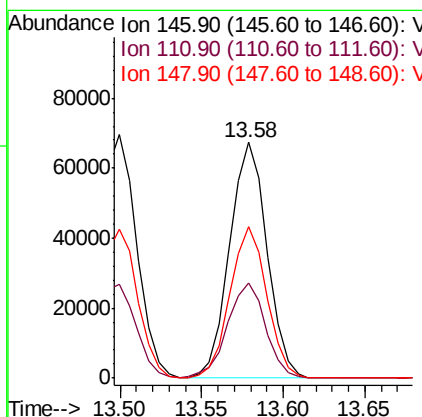
RT: 13.58 min Scan# 1915

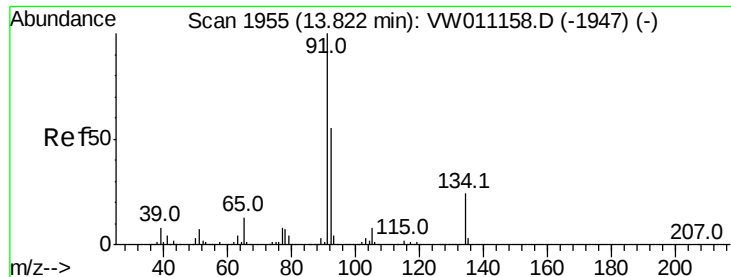
Delta R.T. 0.00 min

Lab File: VW011469.D

Acq: 24 Jul 2019 12:40

Tgt Ion:	146	Resp:	107542
Ion Ratio	Lower	Upper	
146	100		
111	41.5	19.9	59.7
148	63.5	31.5	94.5





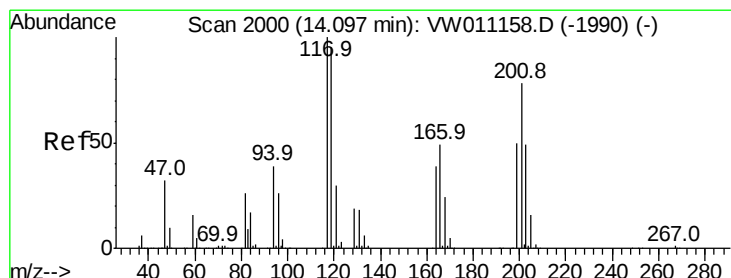
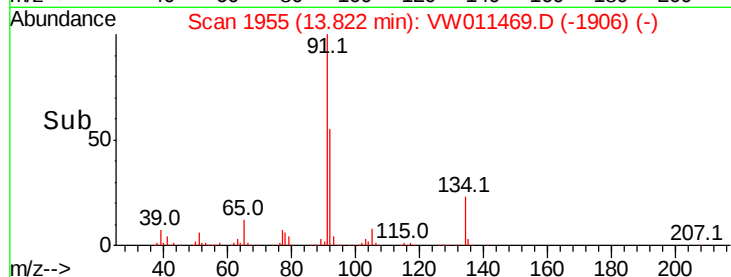
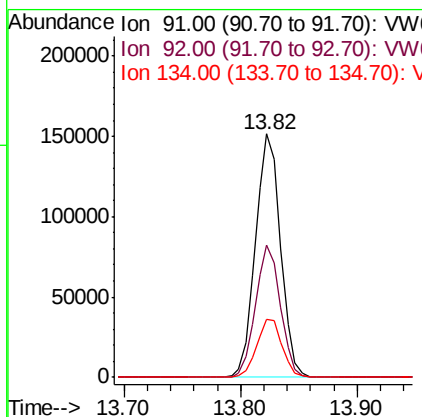
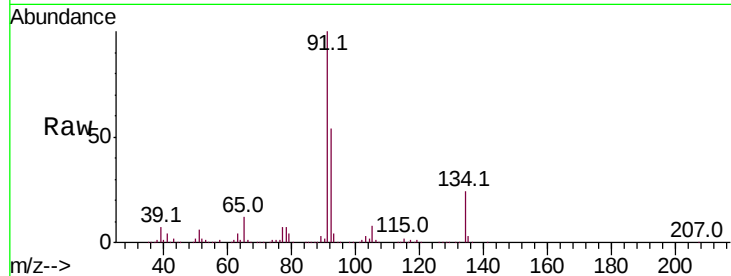
#89
n-Butylbenzene
Concen: 20.860 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	24.2	12.2	36.4

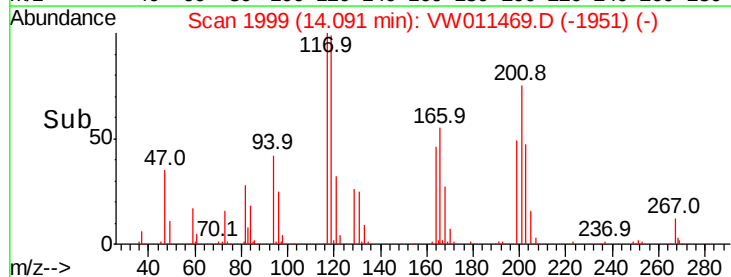
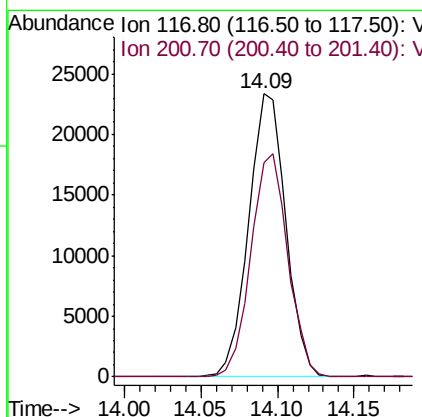
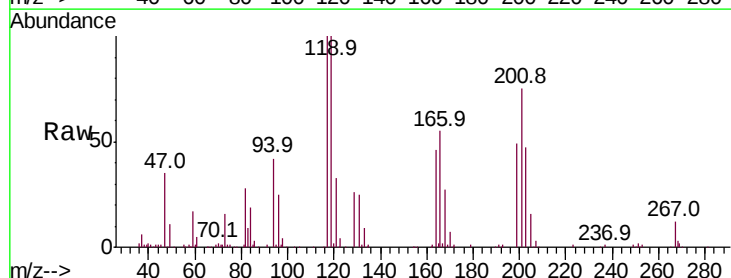
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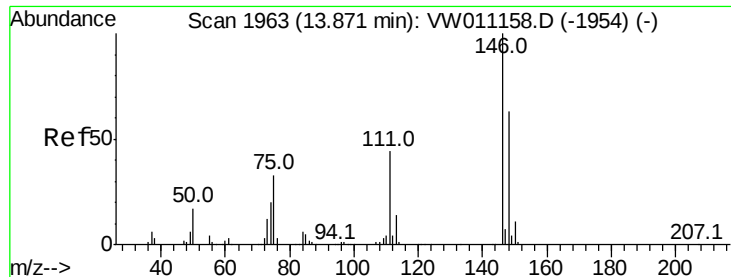
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#90
Hexachloroethane
Concen: 19.715 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	38.3	114.8





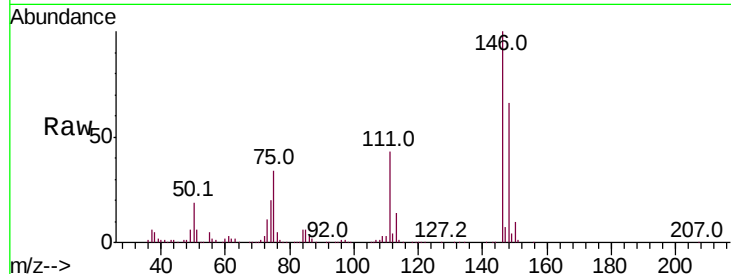
#91
 1,2-Dichlorobenzene
 Concen: 20.667 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	65.0
148	64.7	31.9	95.5

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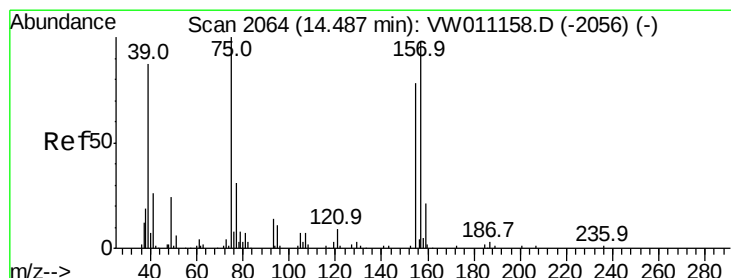
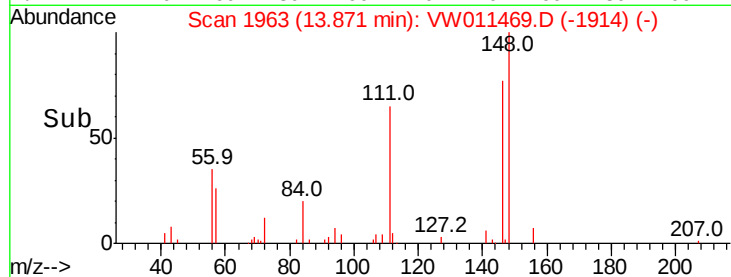
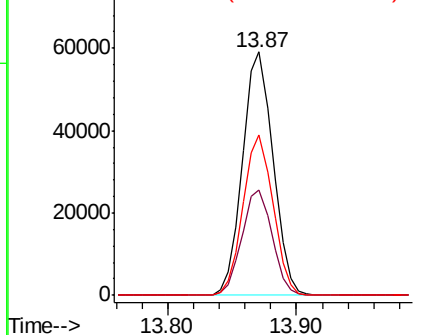


Abundance

Ion 145.90 (145.60 to 146.60): V

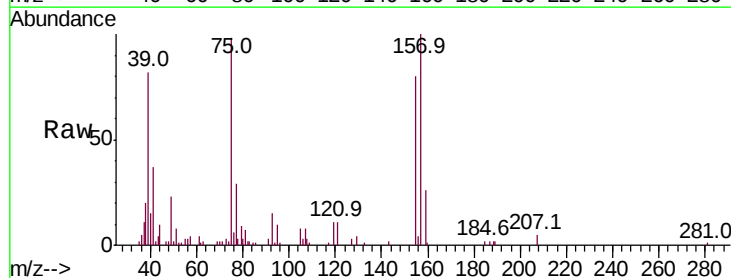
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.626 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.1	111.3
157	98.9	48.5	145.6

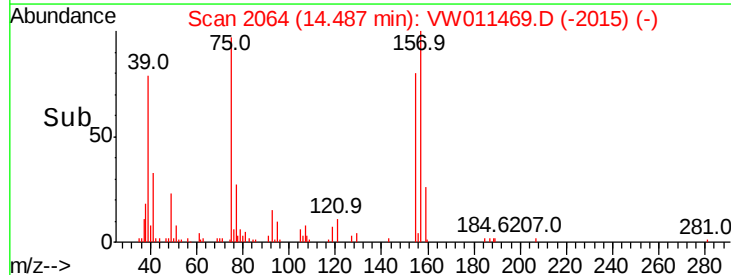
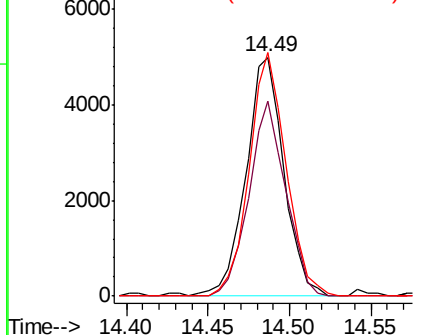


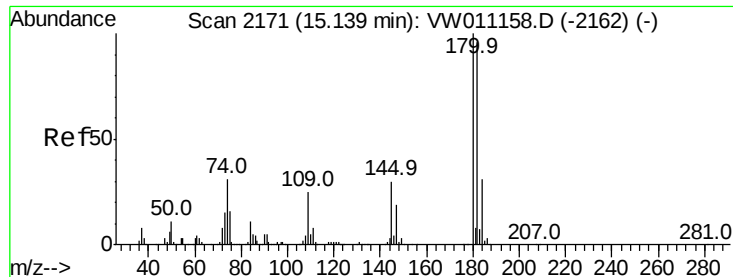
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





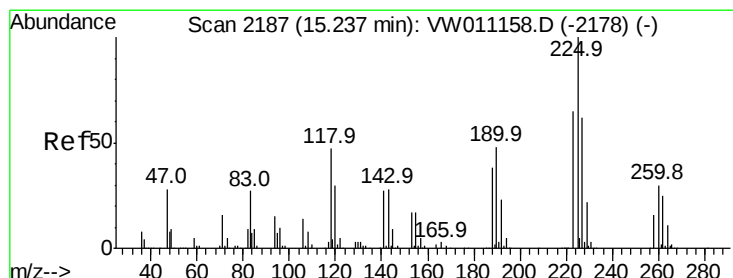
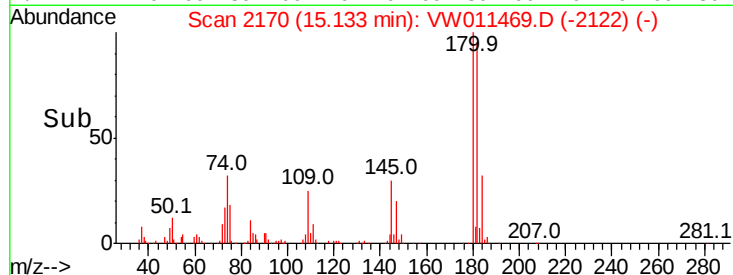
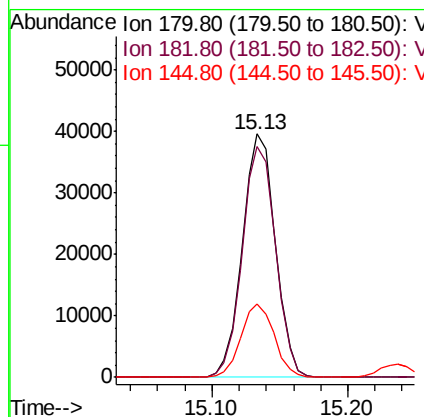
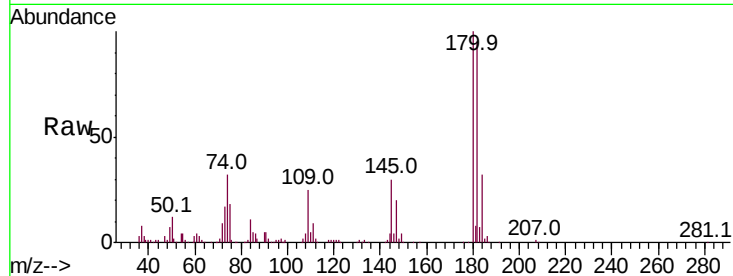
#93
 1,2,4-Trichlorobenzene
 Concen: 20.801 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	48.3	144.9	
145	30.3	15.5	46.5	

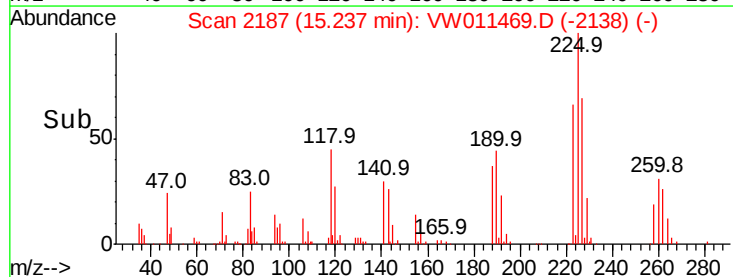
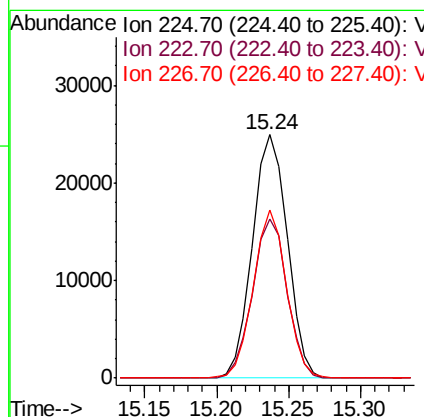
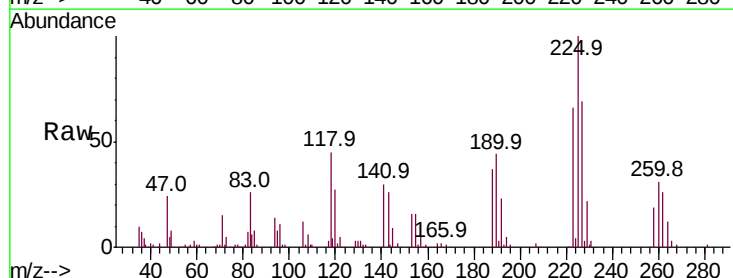
Manual Integrations
 APPROVED

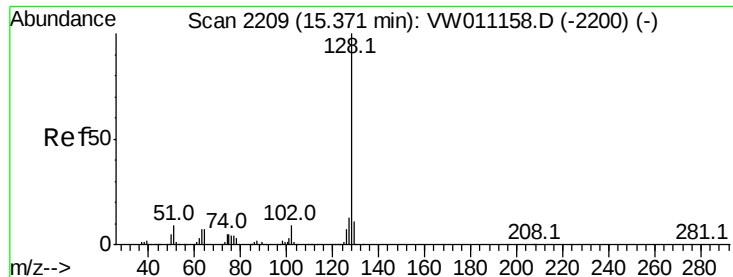
MMDadoda
 7/25/2019 8:18:06 AM



#94
 Hexachlorobutadiene
 Concen: 21.049 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011469.D
 Acq: 24 Jul 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	31.6	95.0	
227	65.4	32.0	96.0	





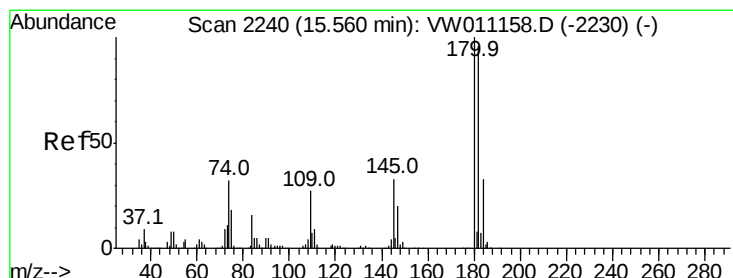
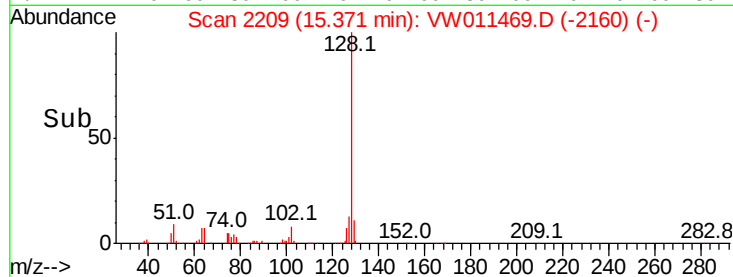
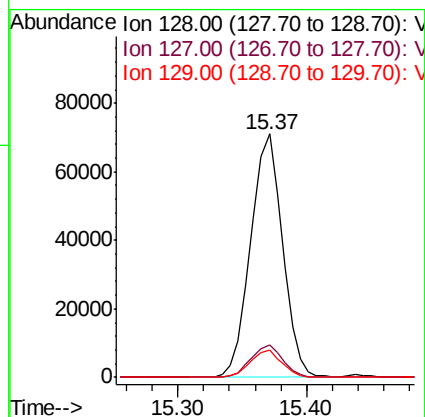
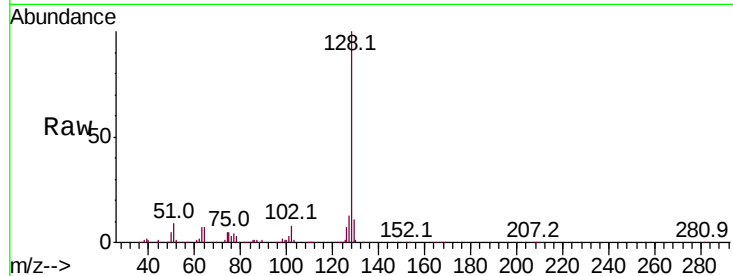
#95
Naphthalene
Concen: 19.678 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion:	128	Resp:	121655
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/25/2019 8:18:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.614 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011469.D
Acq: 24 Jul 2019 12:40

Tgt Ion:	180	Resp:	58694
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.6	142.8
145	31.7	16.5	49.5

