

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016190.D
 Acq On : 14 Aug 2020 14:25
 Operator : SY/VA
 Sample : VW0814SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Manual Integrations
 APPROVED

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 8/17/2020 5:46:36 PM

Quant Time: Aug 17 08:34:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	135228	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
35) Dibromofluoromethane	7.88	113	138005	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.32	98	549277	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	197977	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	37787	20.637	ug/l	95
3) Chloromethane	2.21	50	38461	19.729	ug/l	98
4) Vinyl Chloride	2.36	62	52962	19.410	ug/l	93
5) Bromomethane	2.78	94	35875	21.146	ug/l	95
6) Chloroethane	2.92	64	30970	20.098	ug/l	95
7) Trichlorofluoromethane	3.26	101	39652	17.950	ug/l	96
8) Diethyl Ether	3.67	74	28348	20.450	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55397	19.124	ug/l	99
10) Methyl Iodide	4.26	142	80414	19.213	ug/l	99
11) Tert butyl alcohol	5.18	59	21936	156.973	ug/l #	80
12) 1,1-Dichloroethene	4.03	96	58119	19.716	ug/l	97
13) Acrolein	3.89	56	21681	107.405	ug/l	99
14) Allyl chloride	4.67	41	79228	20.060	ug/l	99
15) Acrylonitrile	5.37	53	56798	108.740	ug/l	100
16) Acetone	4.12	43	52771	104.912	ug/l	99
17) Carbon Disulfide	4.37	76	165547	19.127	ug/l	98
18) Methyl Acetate	4.67	43	25746	21.980	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76503	21.077	ug/l	97
20) Methylene Chloride	4.91	84	82222	23.717	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	61880	19.277	ug/l	99
22) Diisopropyl ether	6.32	45	153934	20.674	ug/l	98
23) Vinyl Acetate	6.26	43	448654	105.233	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101325	19.498	ug/l	98
25) 2-Butanone	7.17	43	71349	105.841	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65721	19.578	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	66336	20.021	ug/l	99
28) Bromochloromethane	7.51	49	39282	19.924	ug/l	99
29) Tetrahydrofuran	7.53	42	44978	111.618	ug/l	98
30) Chloroform	7.68	83	105347	19.511	ug/l	94
31) Cyclohexane	7.95	56	94401	19.700	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	89619	19.755	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86703	19.641	ug/l	99
37) Ethyl Acetate	7.26	43	31659	20.918	ug/l	98
38) Carbon Tetrachloride	8.07	117	83781	19.019	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105804	19.898	ug/l	99
40) Benzene	8.32	78	241460	19.444	ug/l	97
41) Methacrylonitrile	7.48	41	18192	21.061	ug/l	99
42) 1,2-Dichloroethane	8.40	62	64828	19.766	ug/l	99
43) Isopropyl Acetate	8.43	43	57724	20.273	ug/l	99
44) Trichloroethene	9.09	130	65073	18.502	ug/l	92
45) 1,2-Dichloropropane	9.37	63	57796	19.744	ug/l	96
46) Dibromomethane	9.46	93	30722	19.990	ug/l	99
47) Bromodichloromethane	9.65	83	75470	19.007	ug/l	99
48) Methyl methacrylate	9.44	41	27014	20.408	ug/l	95
49) 1,4-Dioxane	9.45	88	8856	457.626	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	152059	105.588	ug/l	100
52) Toluene	10.39	92	156717	19.708	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73890	20.098	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90334	19.770	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	44490	20.175	ug/l	96
56) Ethyl methacrylate	10.65	69	52327	20.808	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76346	20.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	119483	104.211	ug/l	100
59) 2-Hexanone	10.97	43	103707	105.266	ug/l	99
60) Dibromochloromethane	11.13	129	51515	19.638	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42063	19.815	ug/l	98
64) Tetrachloroethene	10.86	164	51169	19.245	ug/l	96
65) Chlorobenzene	11.66	112	164533	19.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57519	19.813	ug/l	98
67) Ethyl Benzene	11.73	91	298348	19.988	ug/l	99
68) m/p-Xylenes	11.84	106	228546	39.835	ug/l	100
69) o-Xylene	12.17	106	104505	20.446	ug/l	100
70) Styrene	12.18	104	177770	20.099	ug/l	99
71) Bromoform	12.35	173	26632	20.498	ug/l #	97
73) Isopropylbenzene	12.47	105	292934	19.503	ug/l	99
74) N-amyl acetate	12.27	43	55016	20.454	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	49662	19.760	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34693m	19.139	ug/l	
77) Bromobenzene	12.75	156	63939	19.246	ug/l	99
78) n-propylbenzene	12.80	91	346349	19.319	ug/l	100
79) 2-Chlorotoluene	12.90	91	200185	19.330	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	252711	19.600	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14537	19.236	ug/l	98
82) 4-Chlorotoluene	12.99	91	210167	19.493	ug/l	100
83) tert-Butylbenzene	13.21	119	208128	19.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	254787	19.970	ug/l	99
85) sec-Butylbenzene	13.38	105	302018	19.665	ug/l	99
86) p-Isopropyltoluene	13.50	119	274843	19.786	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	129299	19.434	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	127619	19.480	ug/l	99
89) n-Butylbenzene	13.82	91	257448	20.034	ug/l	99
90) Hexachloroethane	14.10	117	48236	18.607	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	113838	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7793	20.171	ug/l	98

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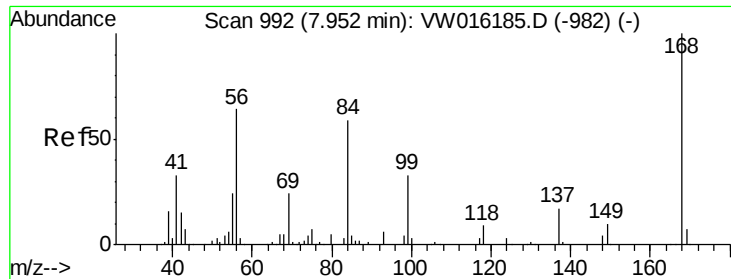
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69901	20.209	ug/l	96
94) Hexachlorobutadiene	15.24	225	38798	18.866	ug/l	97
95) Naphthalene	15.37	128	125953	19.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	59730	20.108	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

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MSVOA_W

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VW0814SBS01

Tot Ion:168 Resp: 269249

Ion Ratio Lower Upper

168 100

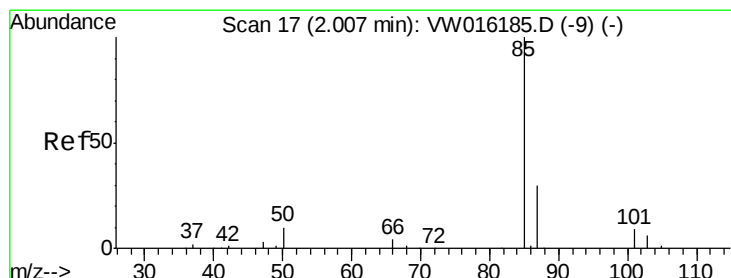
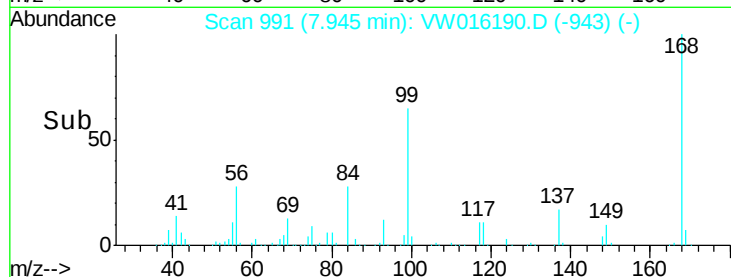
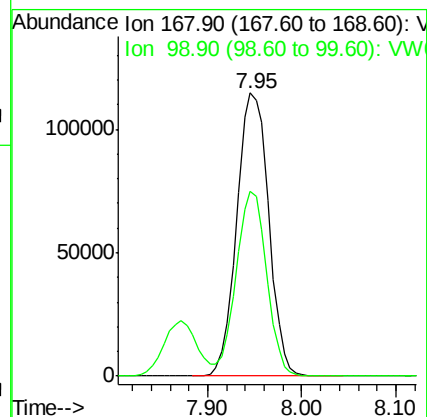
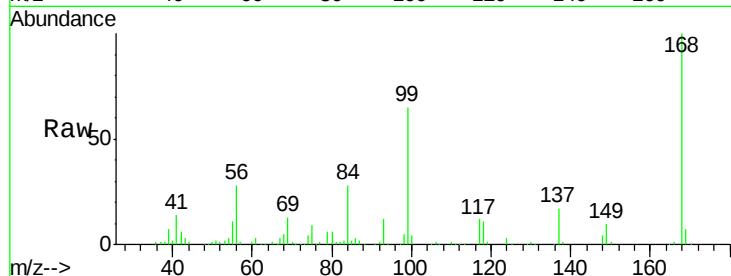
99 65.4 48.3 72.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.637 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016190.D

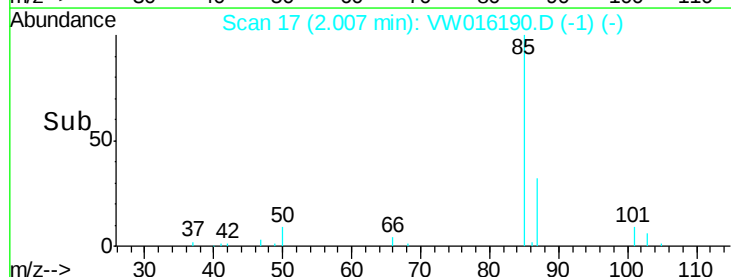
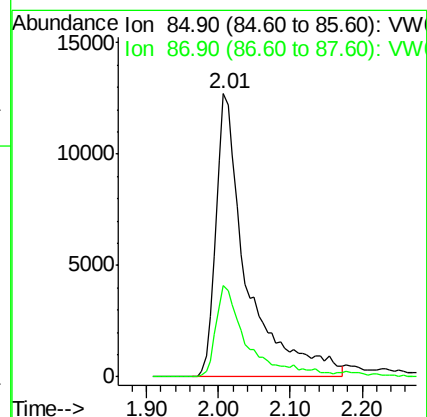
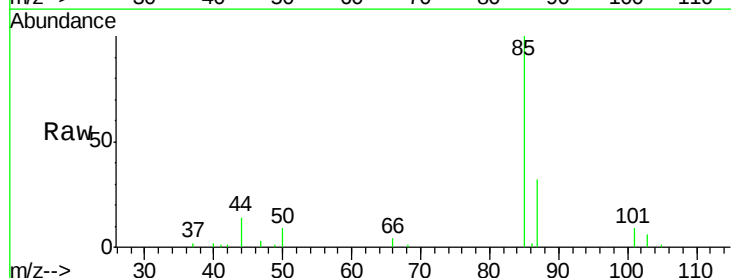
Acq: 14 Aug 2020 14:25

Tgt Ion: 85 Resp: 37787

Ion Ratio Lower Upper

85 100

87 32.2 14.9 44.5





#3

Chloromethane

Concen: 19.729 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 50 Resp: 38461

Ion Ratio Lower Upper

50 100

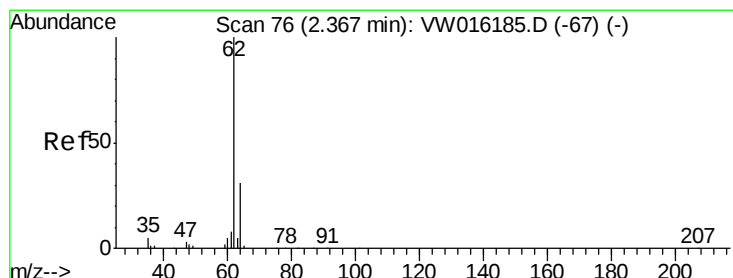
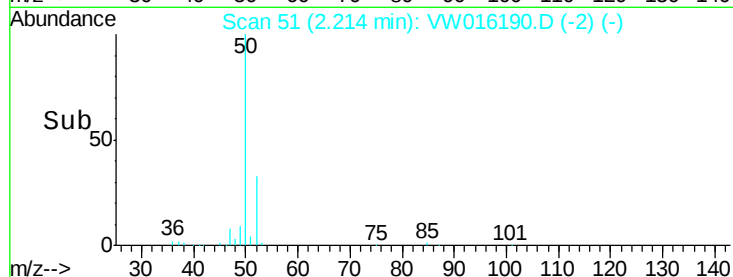
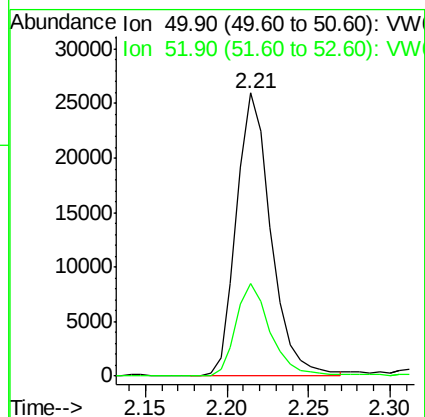
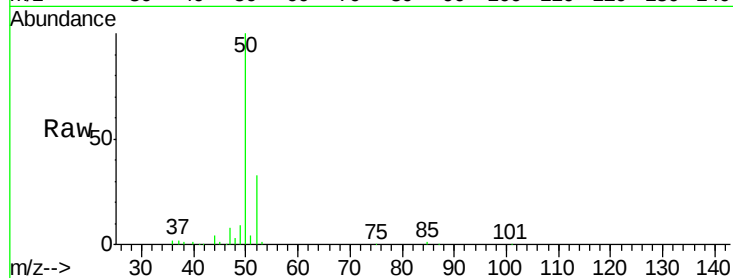
52 32.7 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.410 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016190.D

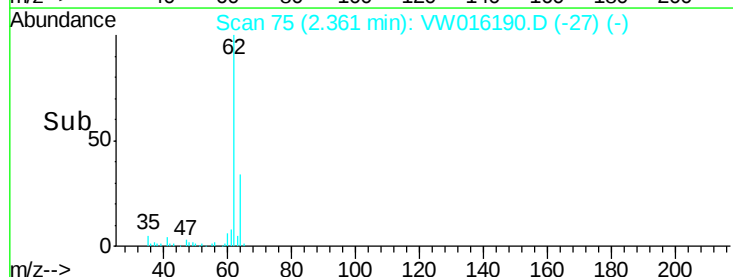
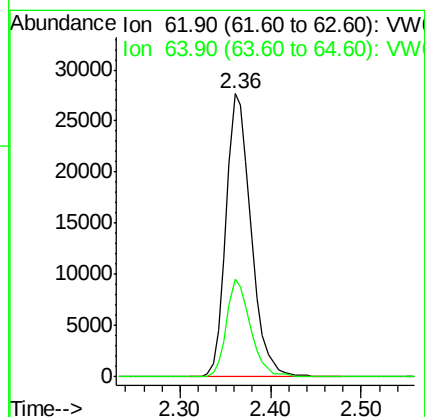
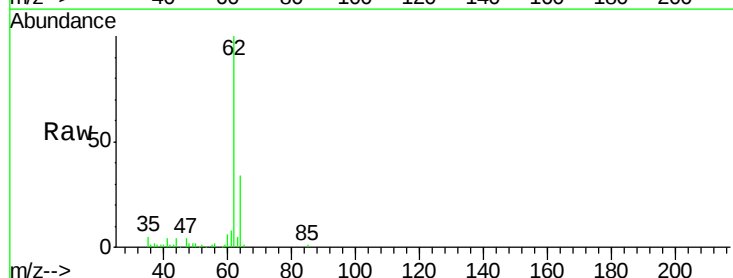
Acq: 14 Aug 2020 14:25

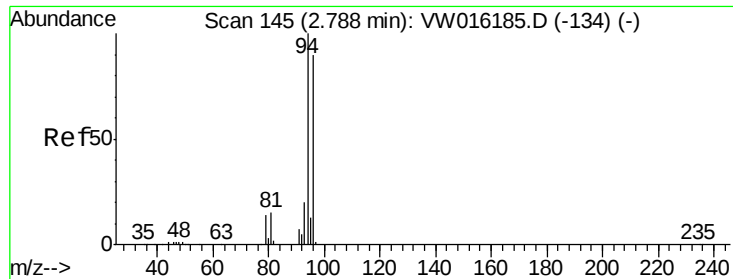
Tgt Ion: 62 Resp: 52962

Ion Ratio Lower Upper

62 100

64 34.5 24.5 36.7





#5

Bromomethane

Concen: 21.146 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 94 Resp: 35875

Ion Ratio Lower Upper

94 100

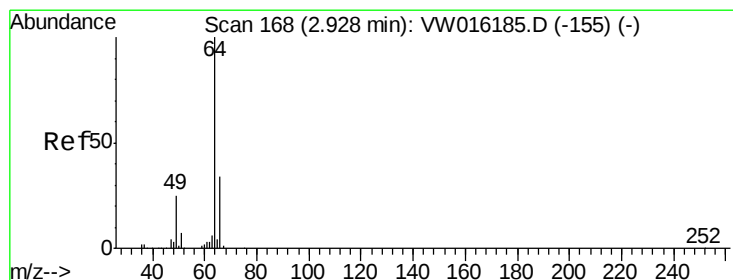
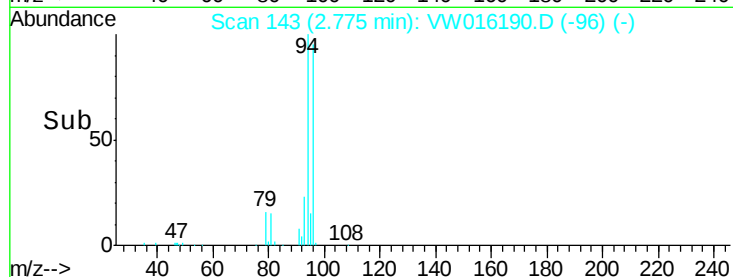
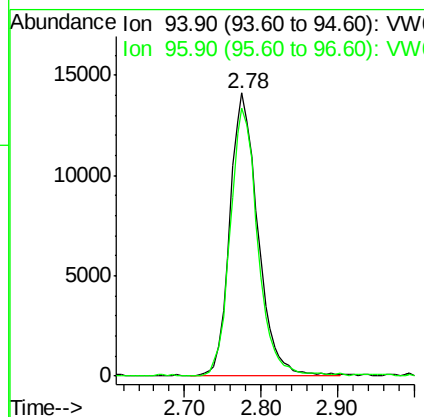
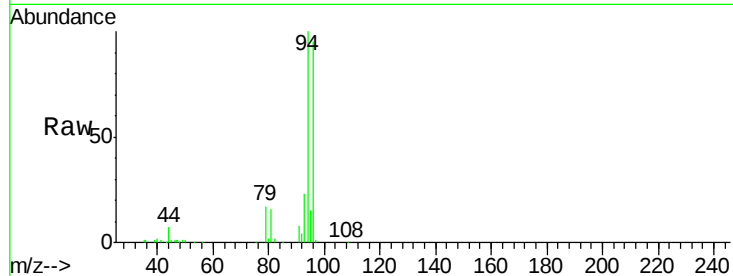
96 94.9 71.8 107.6

Manual Integrations

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8/17/2020 5:46:36 PM



#6

Chloroethane

Concen: 20.098 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016190.D

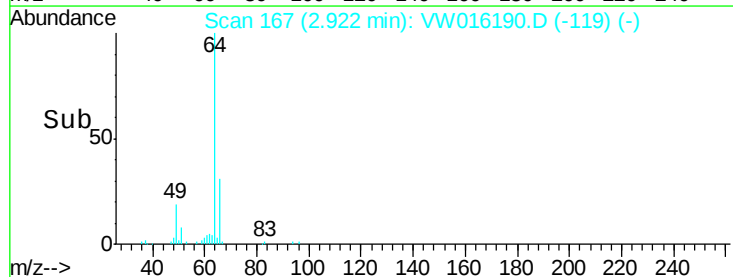
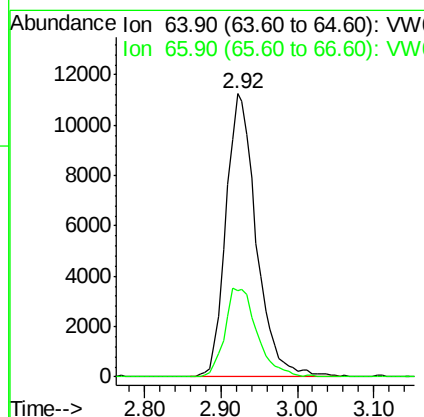
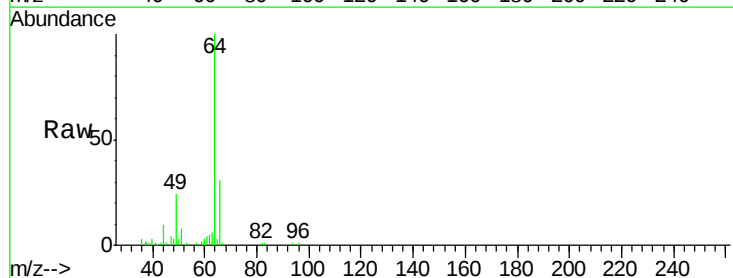
Acq: 14 Aug 2020 14:25

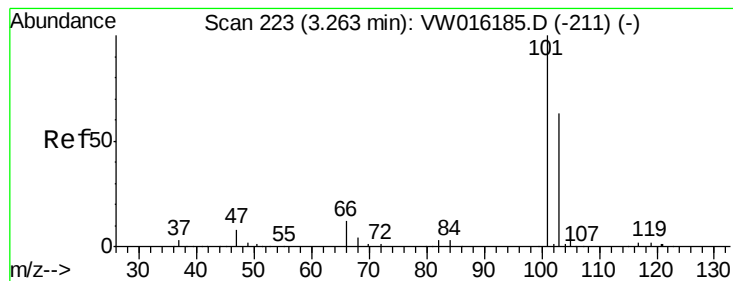
Tgt Ion: 64 Resp: 30970

Ion Ratio Lower Upper

64 100

66 30.5 26.9 40.3





#7

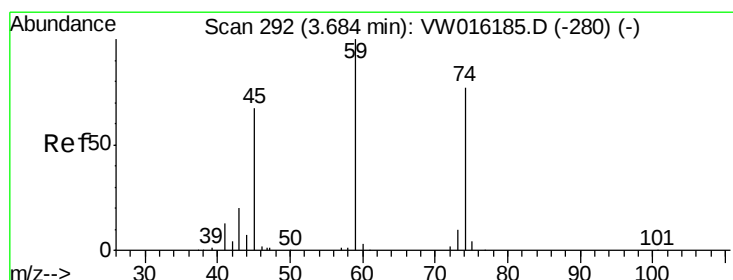
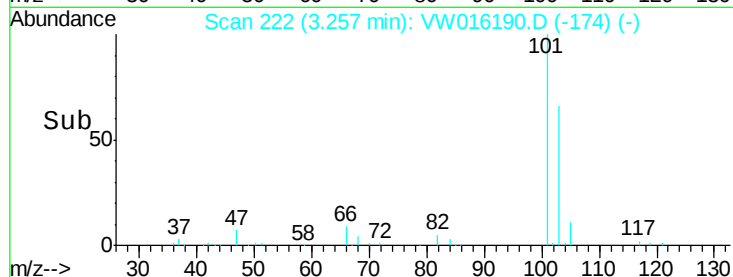
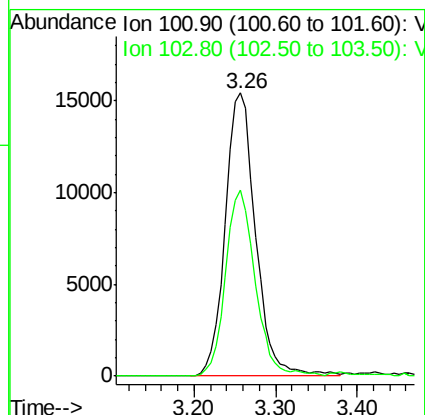
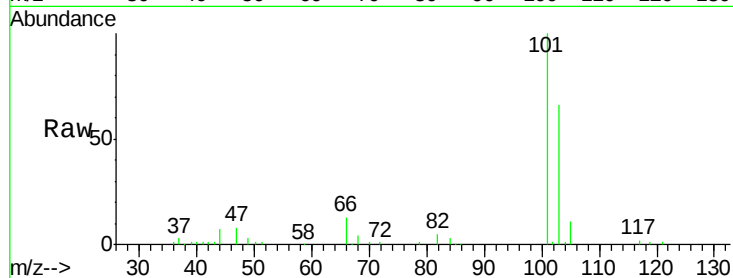
Trichlorofluoromethane
 Concen: 17.950 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
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 ClientSampleId :
 VW0814SBS01

Tot Ion:101 Resp: 39652
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

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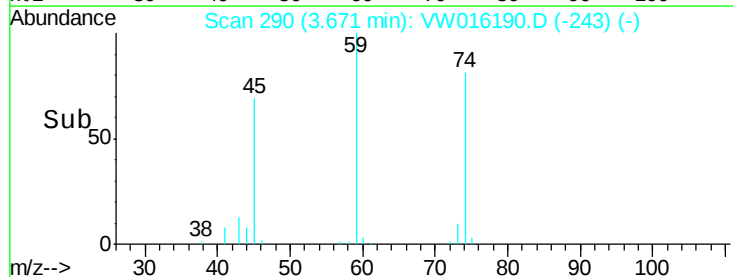
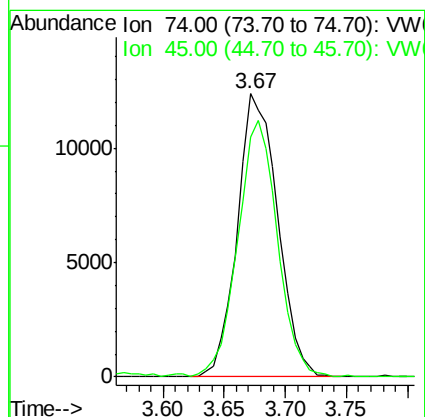
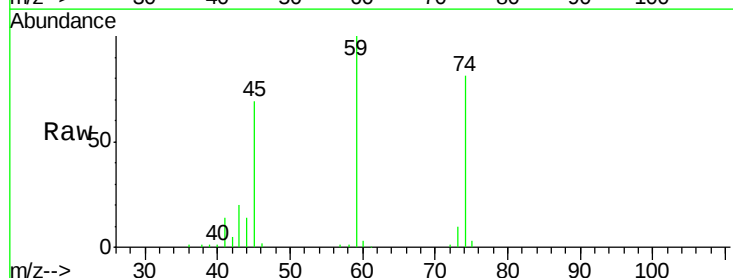
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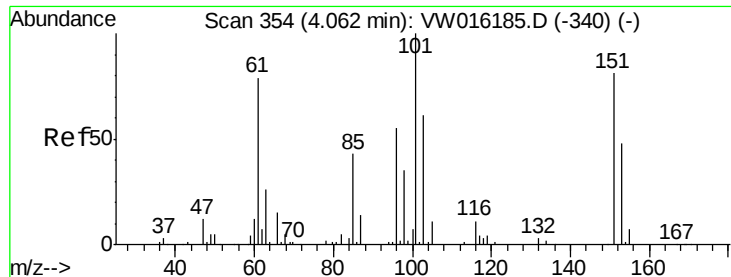


#8

Diethyl Ether
 Concen: 20.450 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion: 74 Resp: 28348
 Ion Ratio Lower Upper
 74 100
 45 89.0 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.124 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

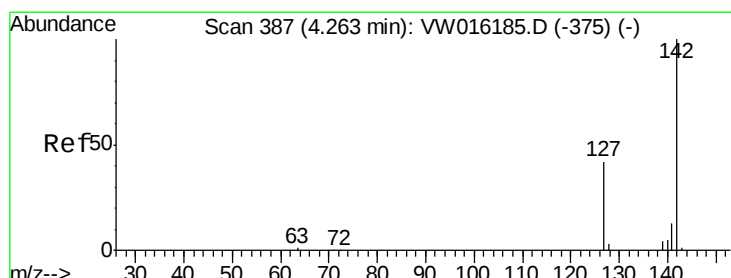
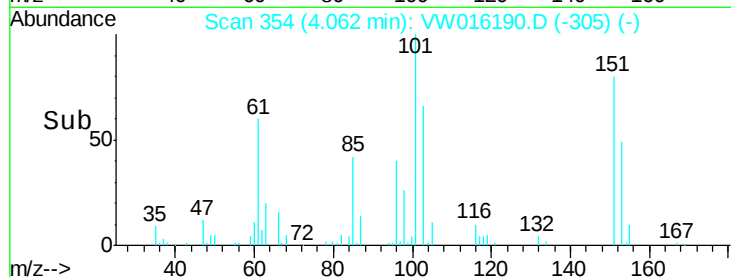
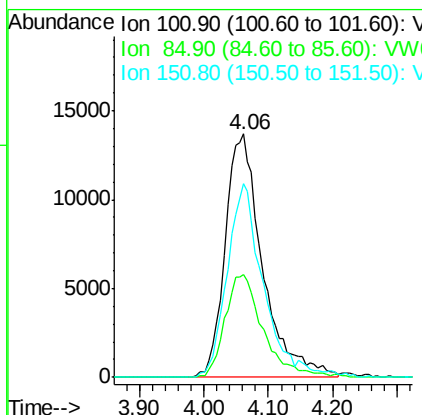
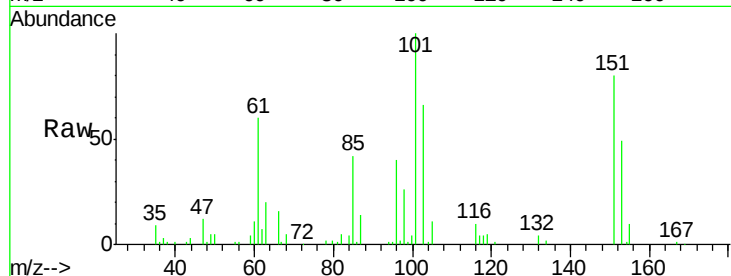
ClientSampleId :

VW0814SBS01

Tot Ion:	101	Resp:	55397
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.3	49.9
151	76.6	61.1	91.7

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#10

Methyl Iodide

Concen: 19.213 ug/l

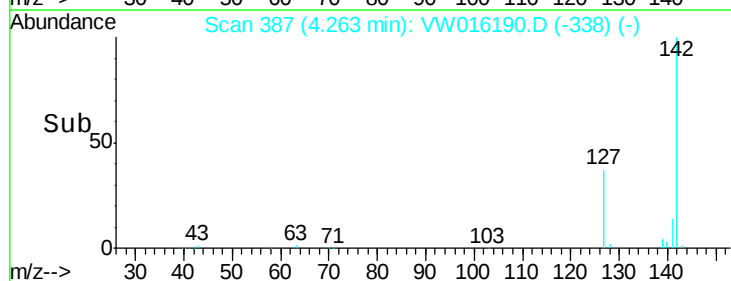
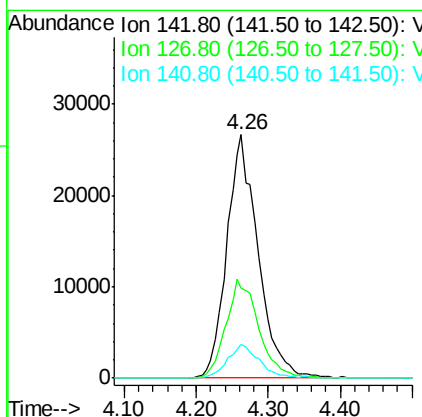
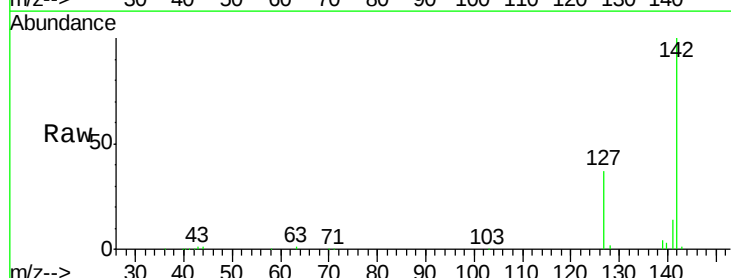
RT: 4.26 min Scan# 387

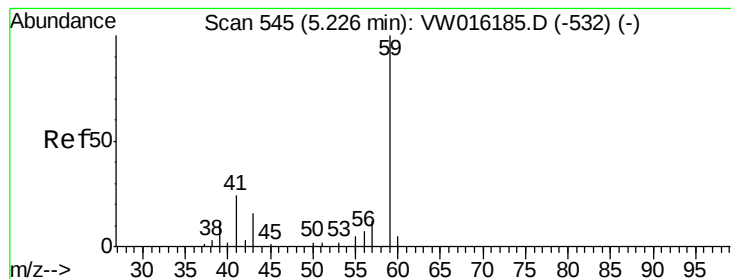
Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	142	Resp:	80414
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.6	52.0
141	14.1	11.4	17.2





#11

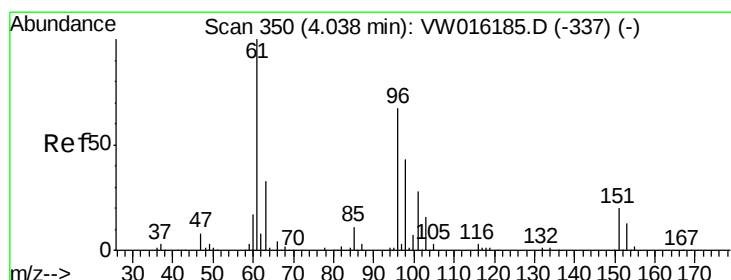
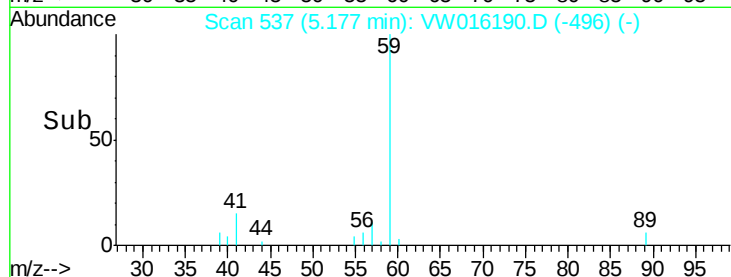
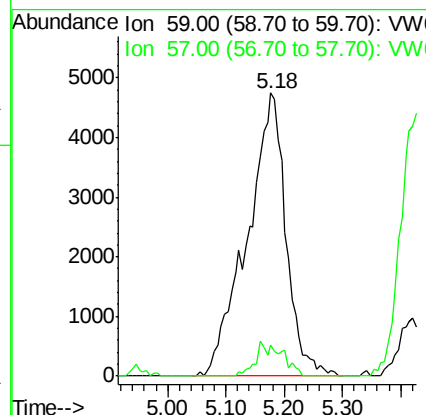
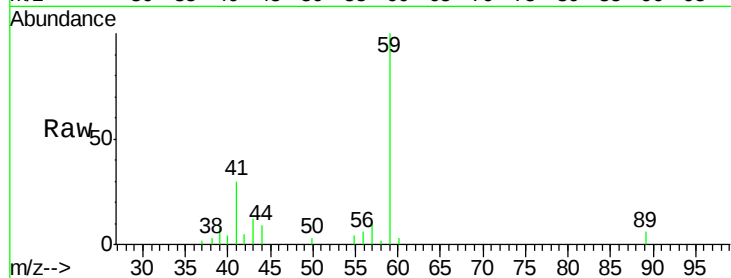
Tert butyl alcohol
Concen: 156.973 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.05 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampled :
VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	21936		
57	3.7		9.0	13.6#

Manual Integrations
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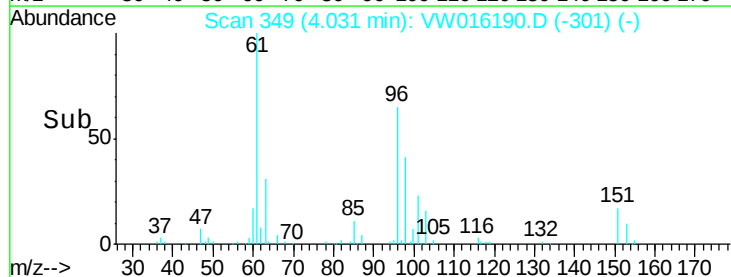
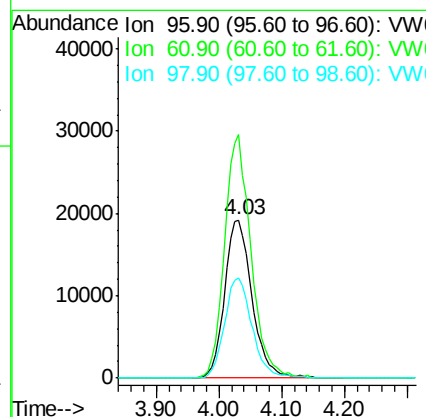
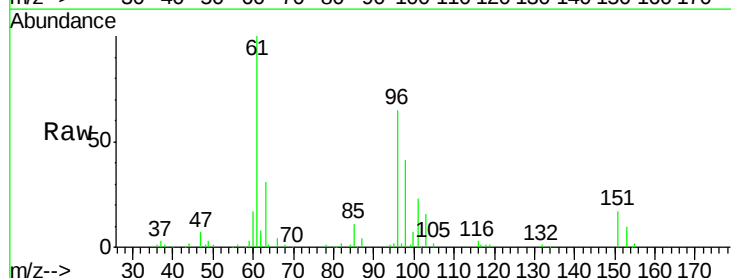
MMDadoda
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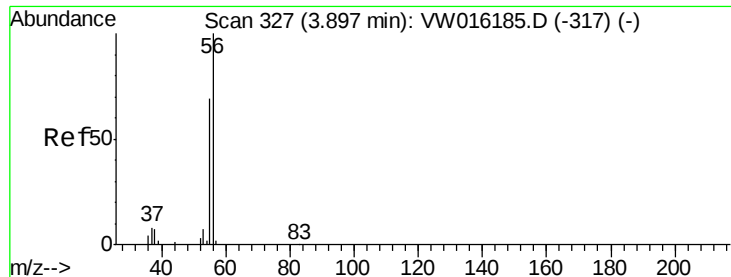


#12

1,1-Dichloroethene
Concen: 19.716 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	58119		
61	153.7		119.5	179.3
98	62.9		51.3	76.9





#13

Acrolein

Concen: 107.405 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampled :

VW0814SBS01

Tot Ion: 56 Resp: 21681

Ion Ratio Lower Upper

56 100

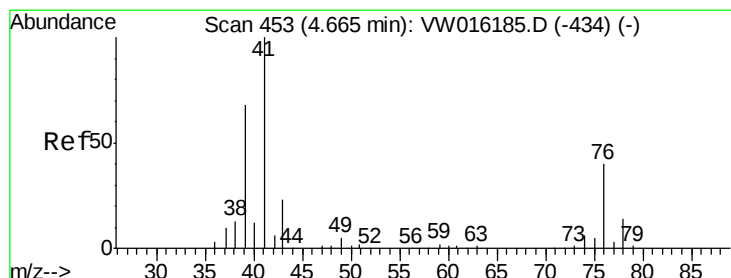
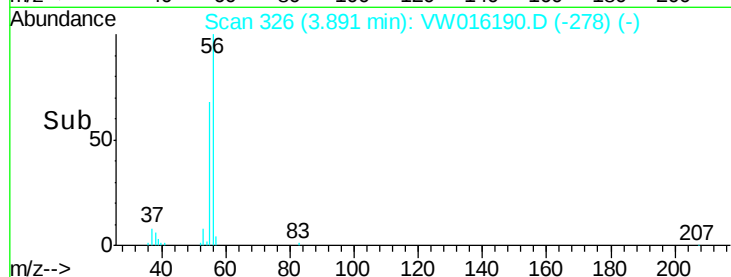
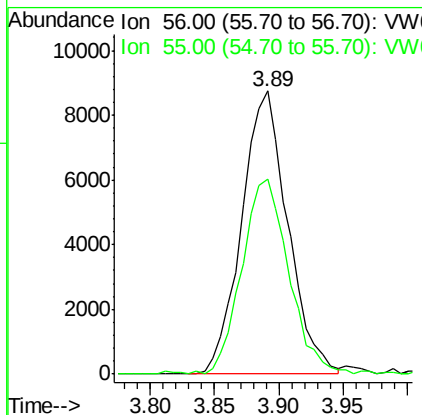
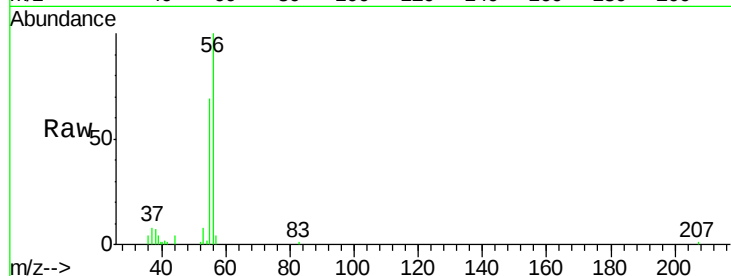
55 70.0 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.060 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

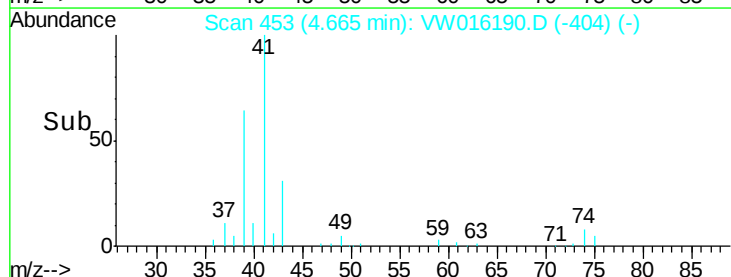
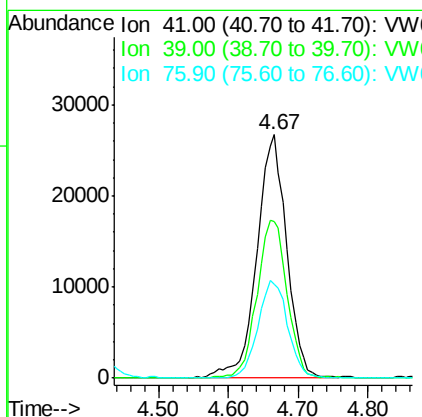
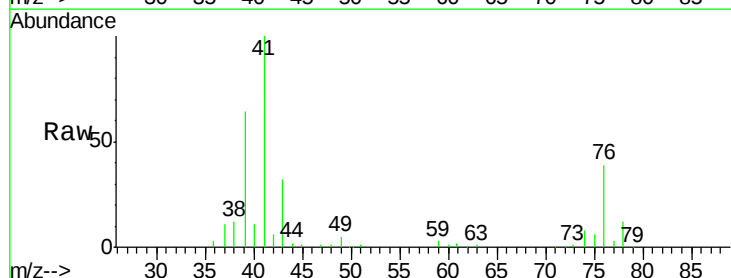
Tgt Ion: 41 Resp: 79228

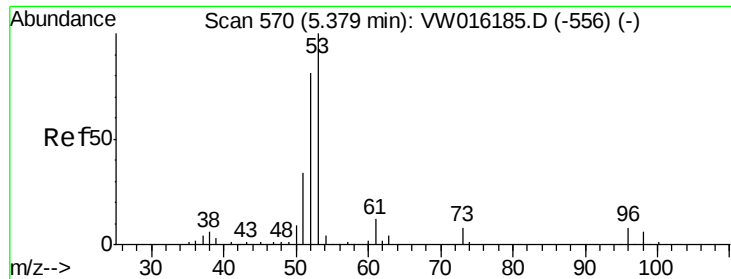
Ion Ratio Lower Upper

41 100

39 65.3 53.4 80.0

76 39.7 32.0 48.0





#15

Acrylonitrile

Concen: 108.740 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

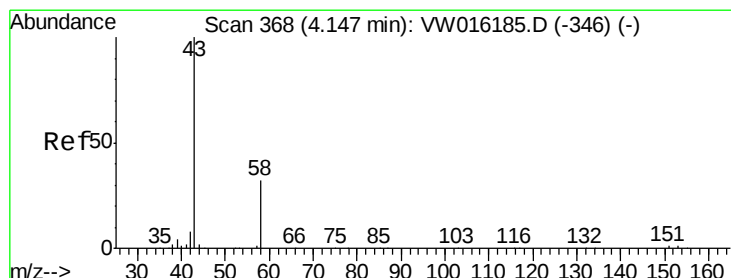
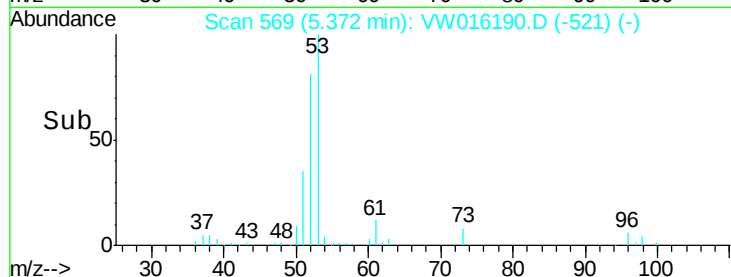
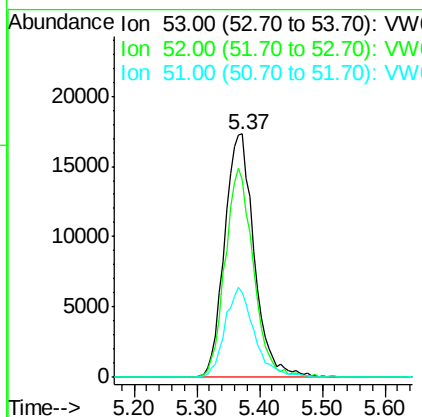
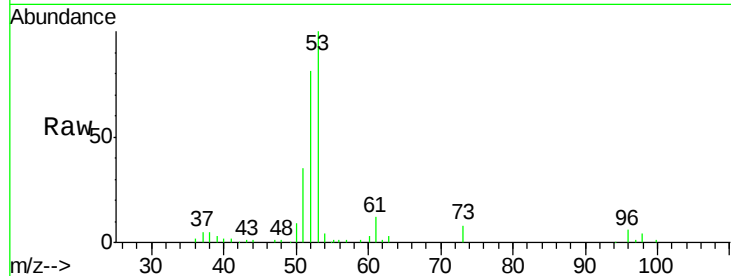
ClientSampleId :

VW0814SBS01

Tot Ion:	53	Resp:	56798
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.3	97.9
51	36.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 104.912 ug/l

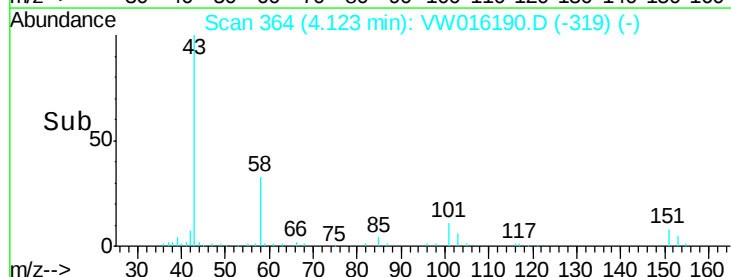
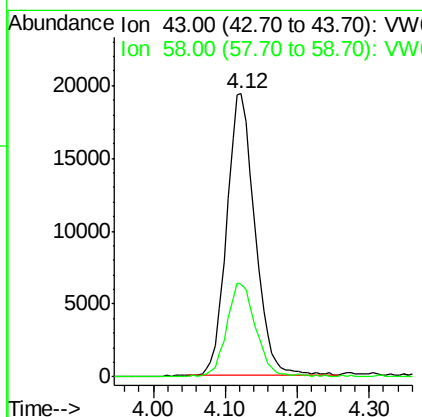
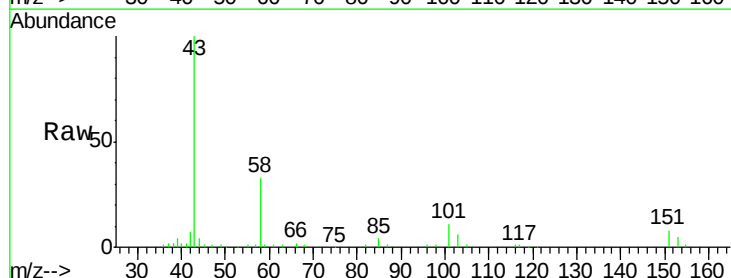
RT: 4.12 min Scan# 364

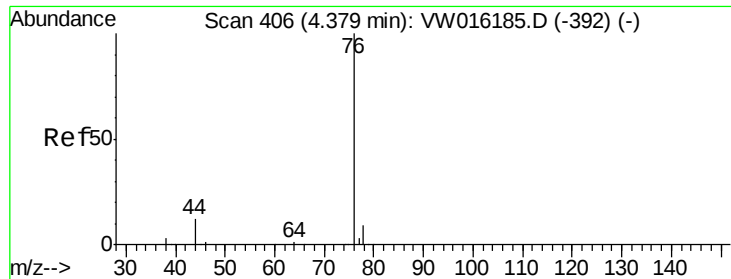
Delta R.T. -0.02 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	43	Resp:	52771
Ion Ratio	Lower	Upper	
43	100		
58	32.7	25.8	38.6





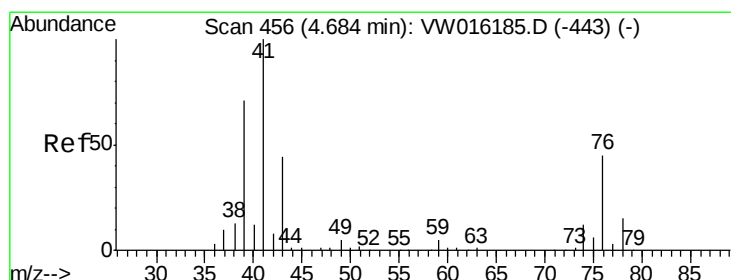
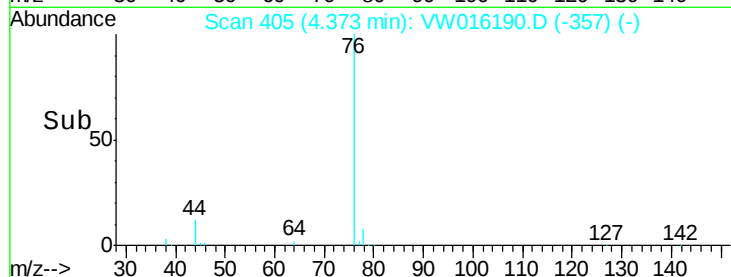
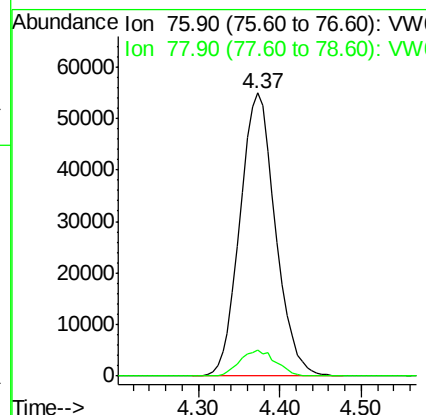
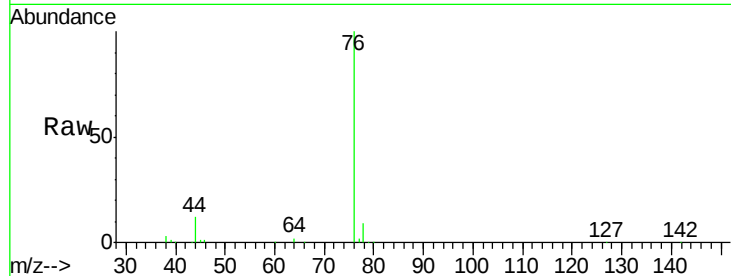
#17
Carbon Disulfide
Concen: 19.127 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

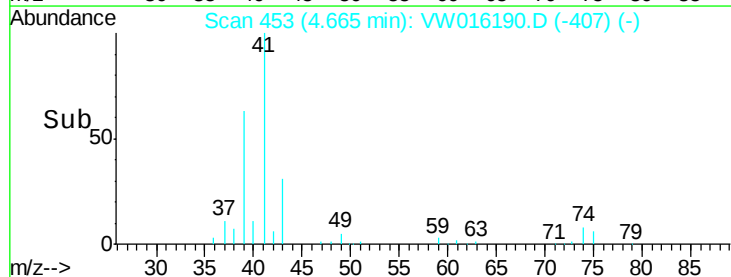
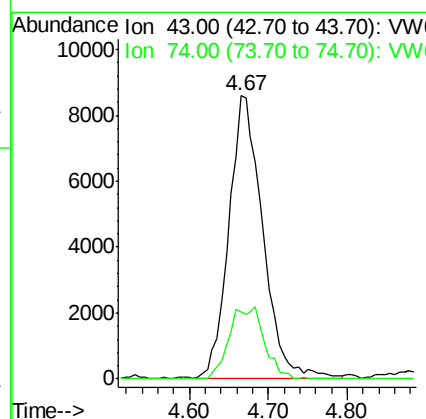
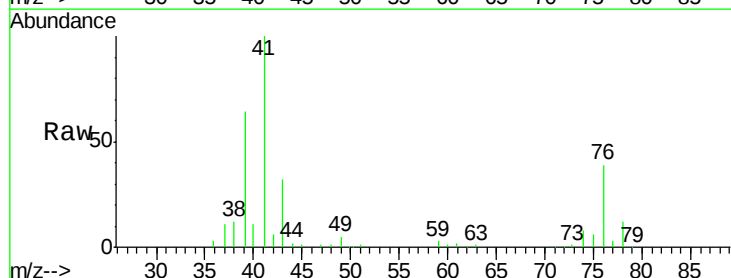
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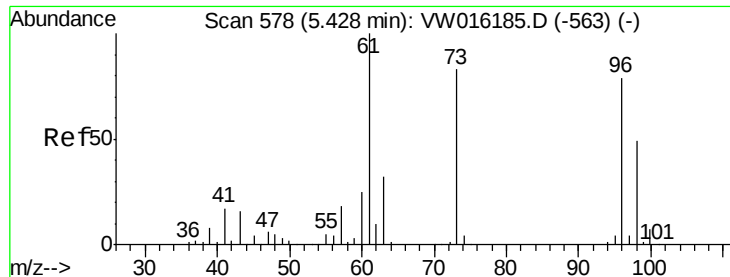
MMDadoda
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#18
Methyl Acetate
Concen: 21.980 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.6	31.0





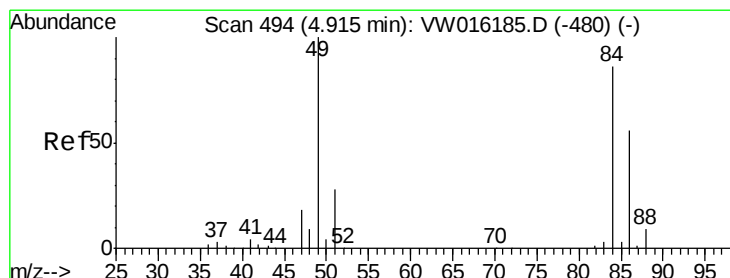
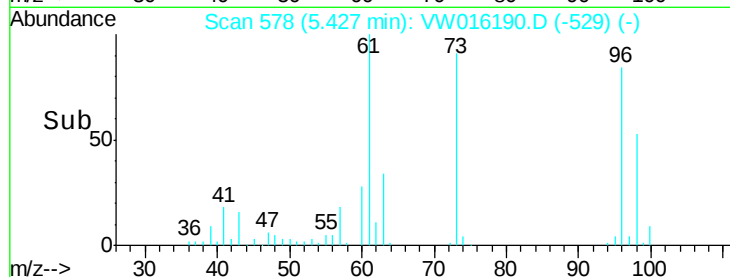
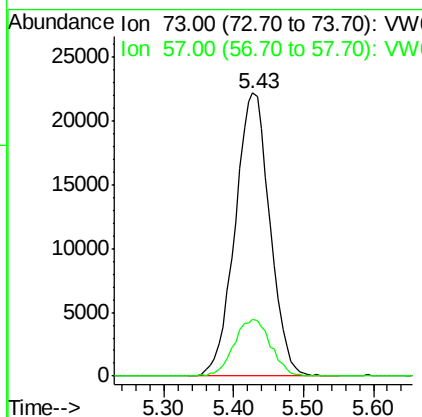
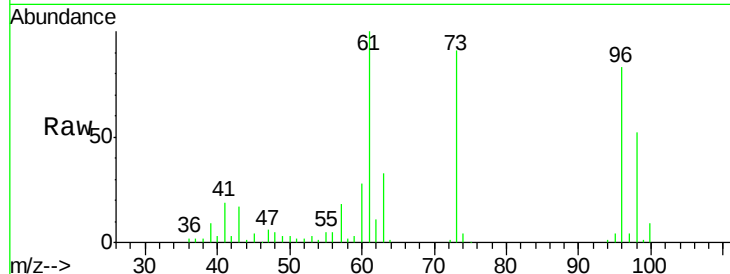
#19
Methvl tert-butvl Ether
Concen: 21.077 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion: 73 Resp: 76503
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8

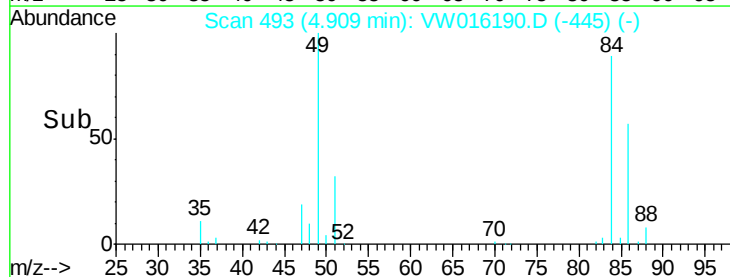
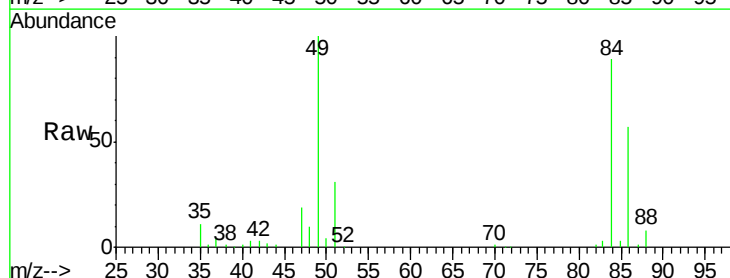
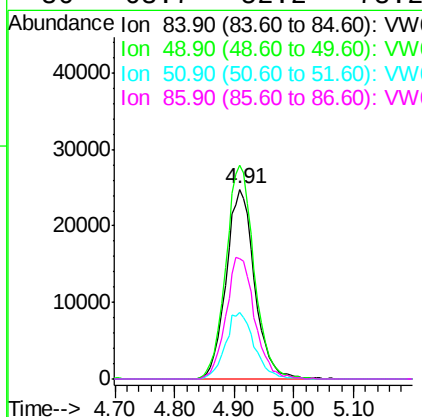
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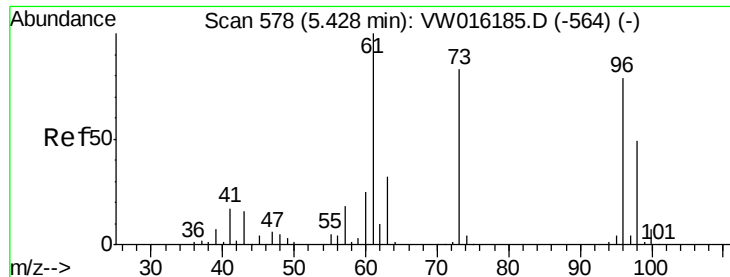
MMDadoda
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#20
Methylene Chloride
Concen: 23.717 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion: 84 Resp: 82222
Ion Ratio Lower Upper
84 100
49 112.4 93.4 140.2
51 35.3 26.6 40.0
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.277 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 96 Resp: 61880

Ion Ratio Lower Upper

96 100

61 125.2 101.4 152.0

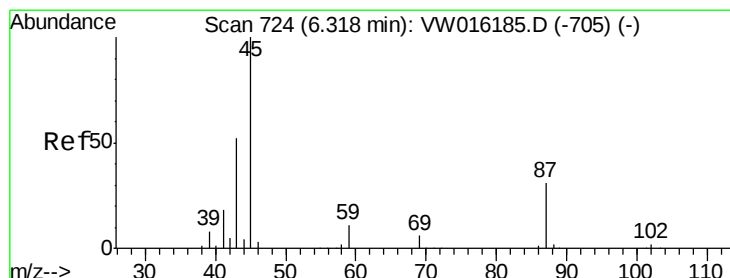
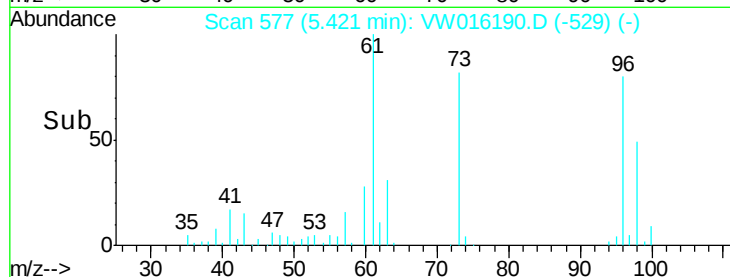
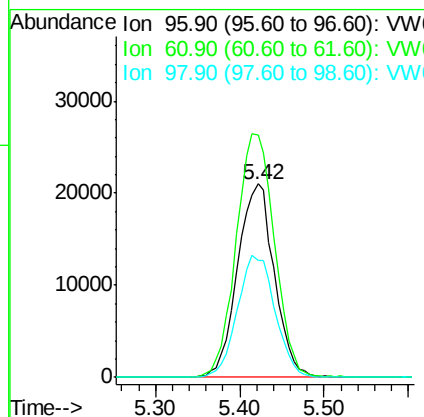
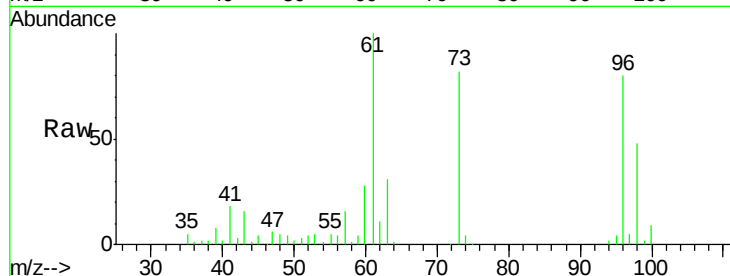
98 60.7 49.4 74.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.674 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion: 45 Resp: 153934

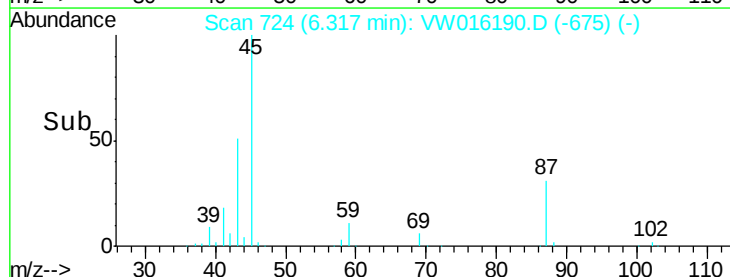
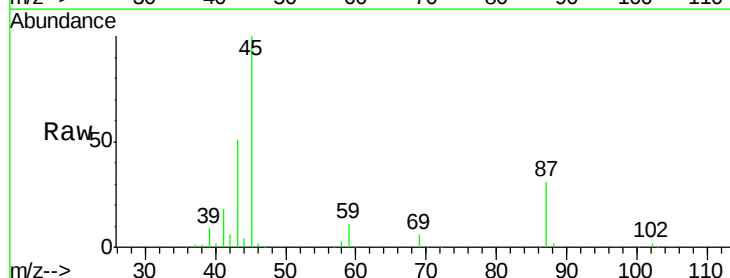
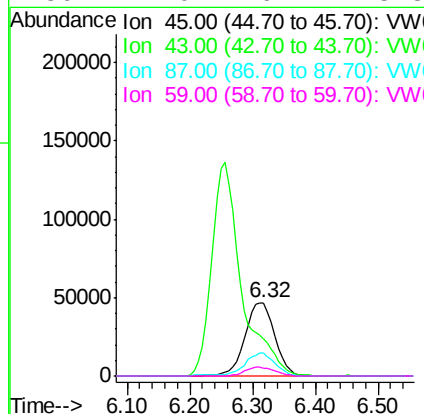
Ion Ratio Lower Upper

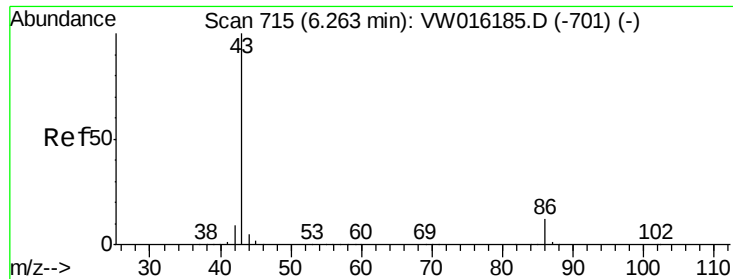
45 100

43 50.9 41.7 62.5

87 30.6 25.0 37.6

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 105.233 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 43 Resp: 448654

Ion Ratio Lower Upper

43 100

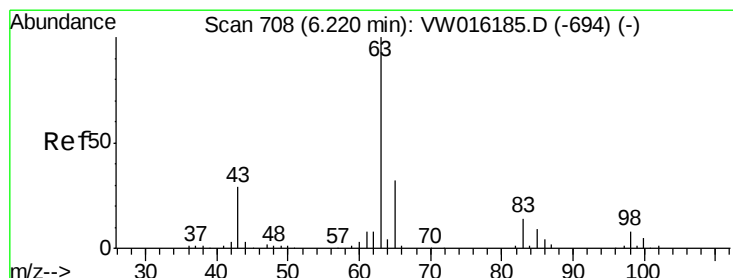
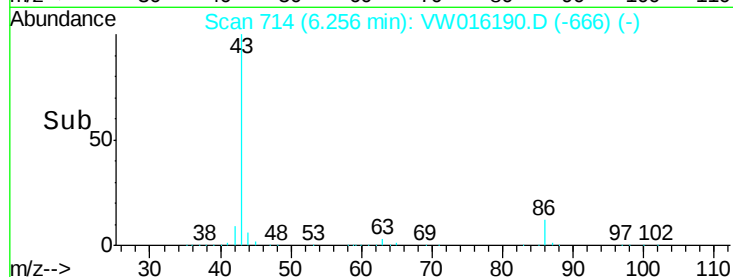
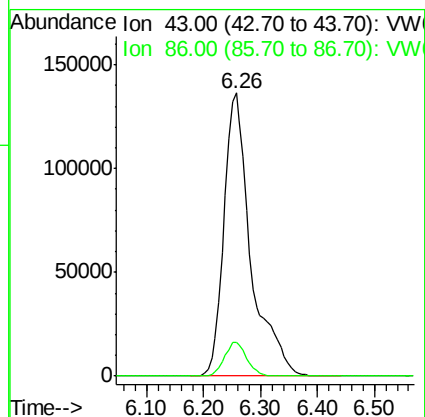
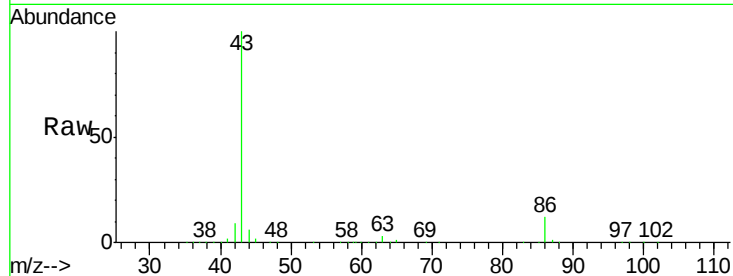
86 12.1 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.498 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

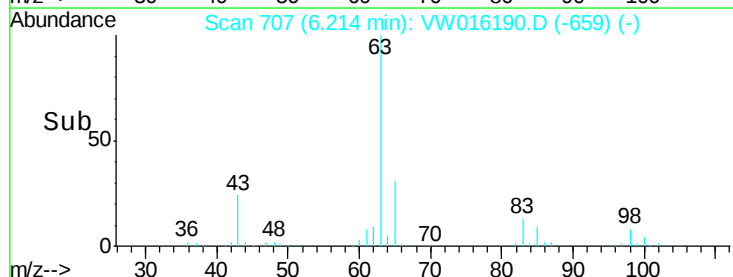
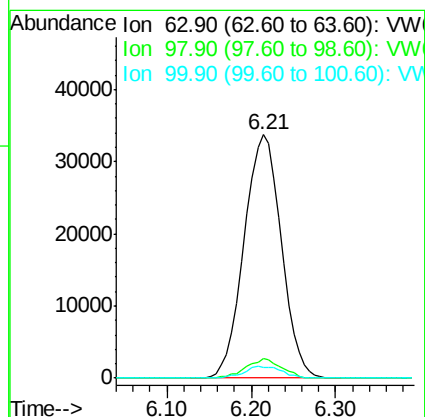
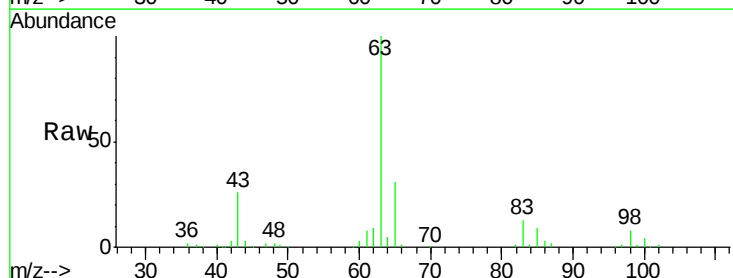
Tgt Ion: 63 Resp: 101325

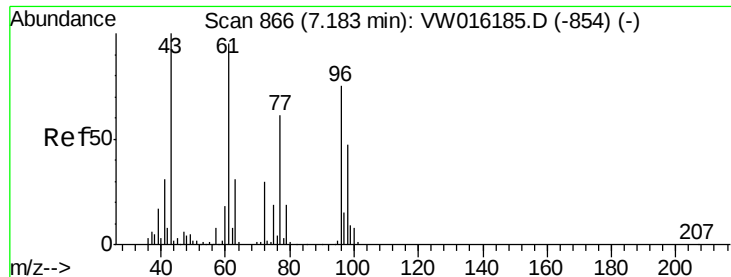
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.3 2.6 8.0





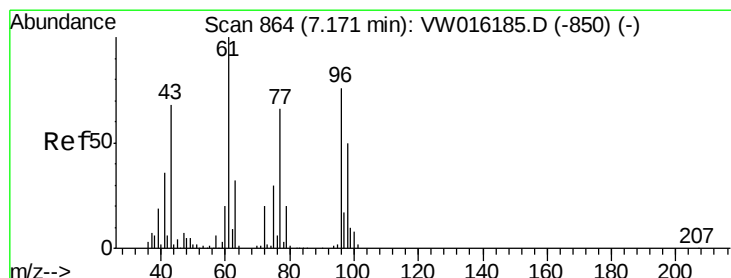
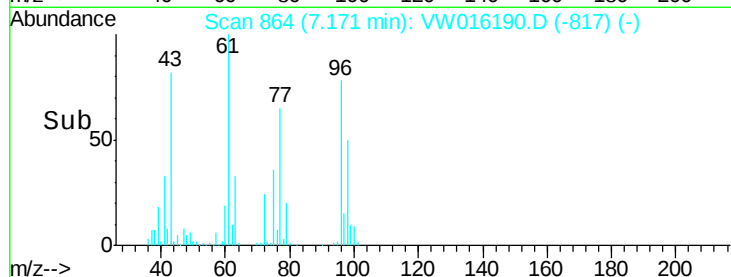
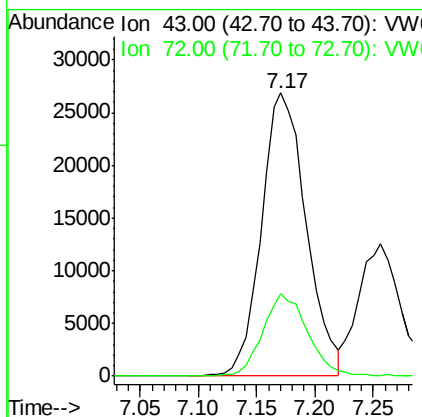
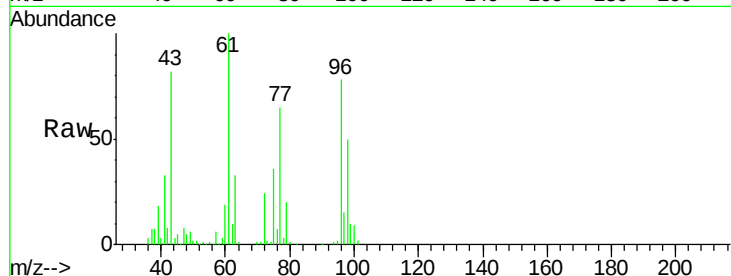
#25
2-Butanone
Concen: 105.841 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion: 43 Resp: 71349
Ion Ratio Lower Upper
43 100
72 29.1 24.2 36.2

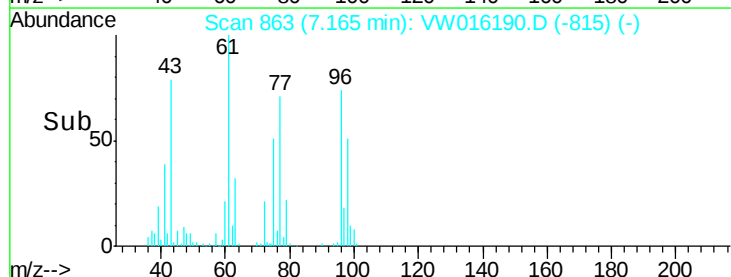
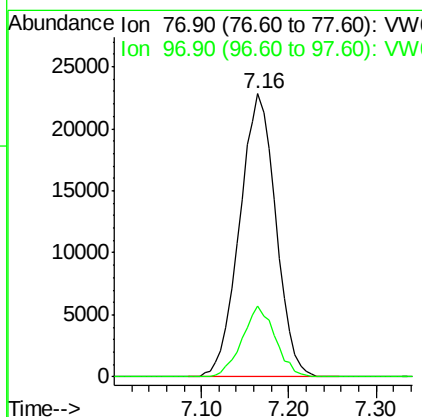
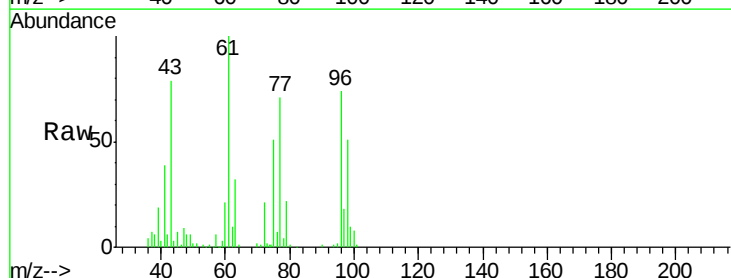
Manual Integrations
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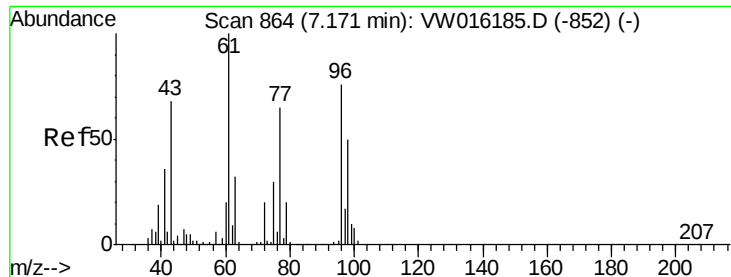
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#26
2,2-Dichloropropane
Concen: 19.578 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion: 77 Resp: 65721
Ion Ratio Lower Upper
77 100
97 22.9 12.1 36.3





#27

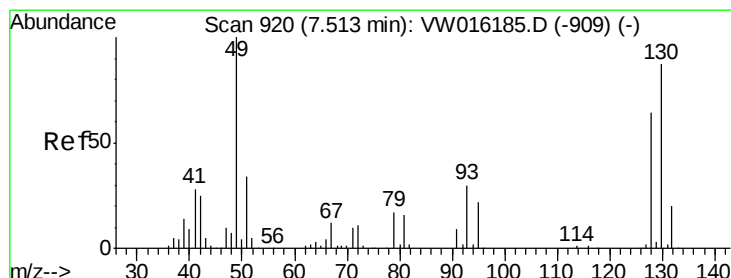
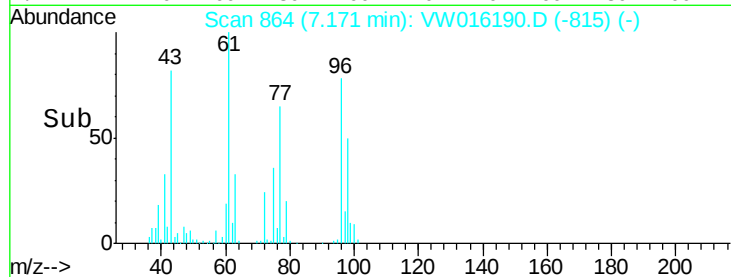
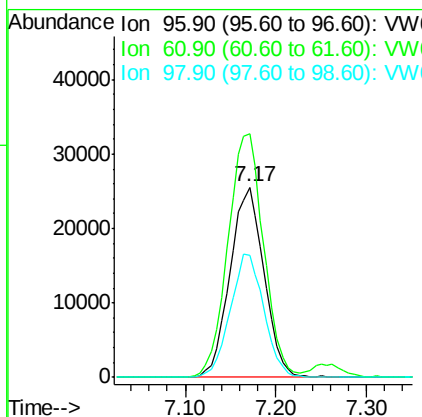
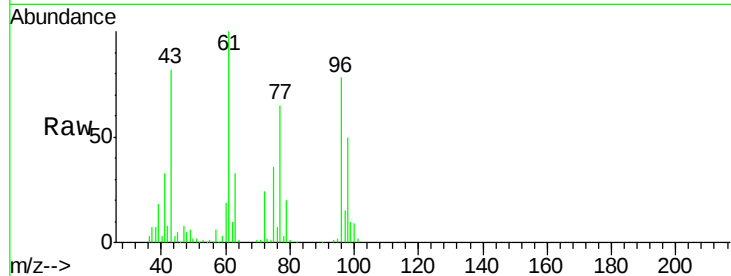
cis-1,2-Dichloroethene
Concen: 20.021 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.5	0.0	267.0	
98	64.2	0.0	129.6	

Manual Integrations
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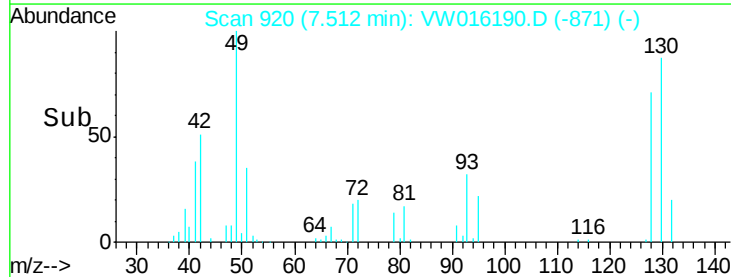
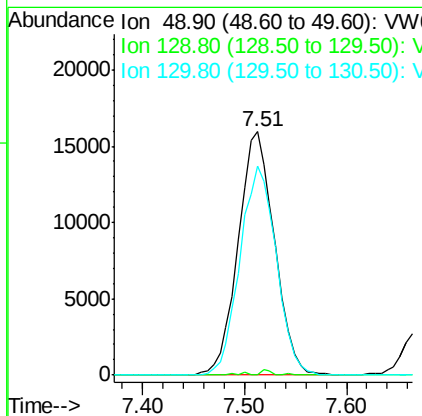
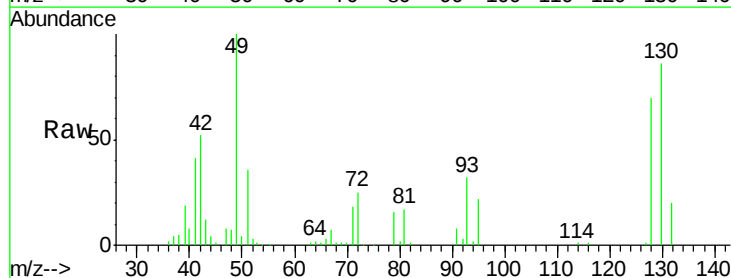
MMDadoda
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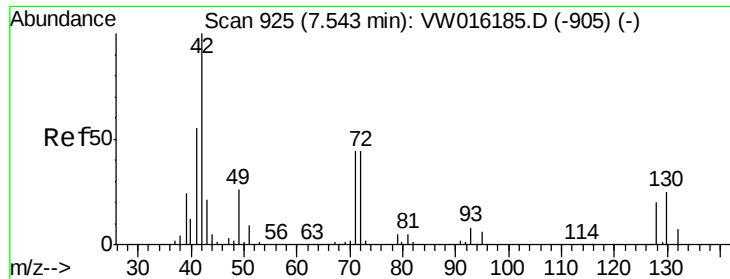


#28

Bromochloromethane
Concen: 19.924 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	4.2	
130	86.5	69.9	104.9	





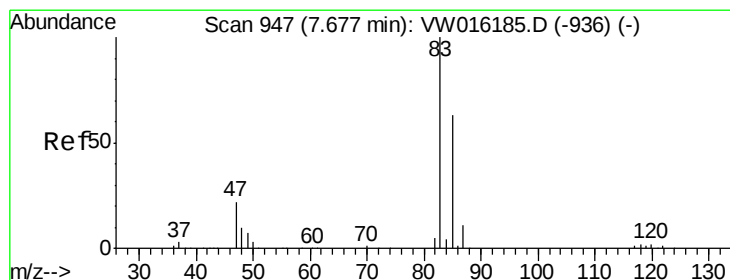
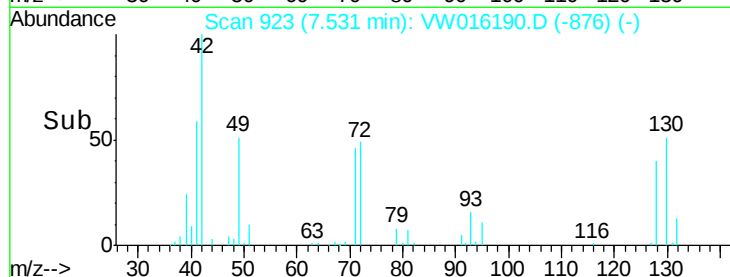
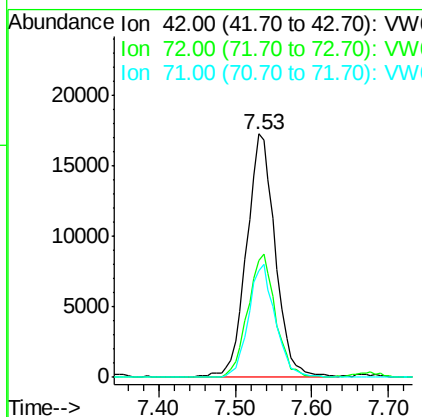
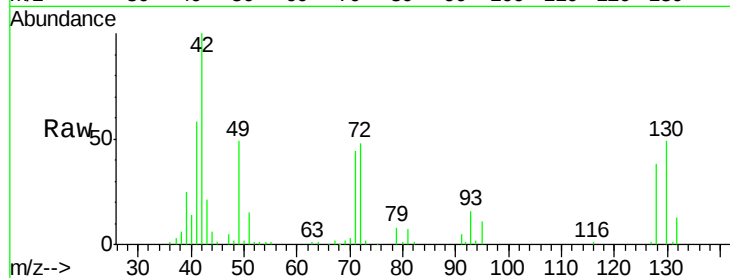
#29
Tetrahydrofuran
Concen: 111.618 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.4	56.2
71	43.6	35.6	53.4

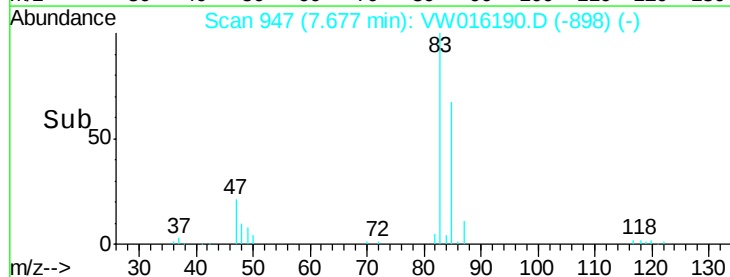
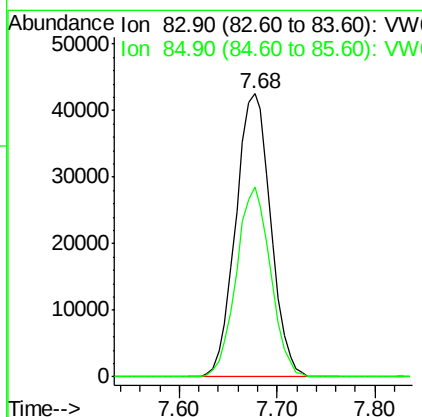
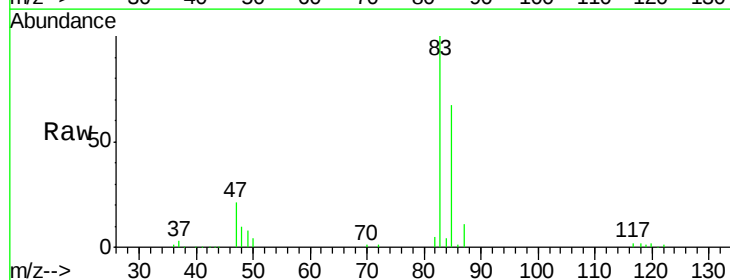
Manual Integrations
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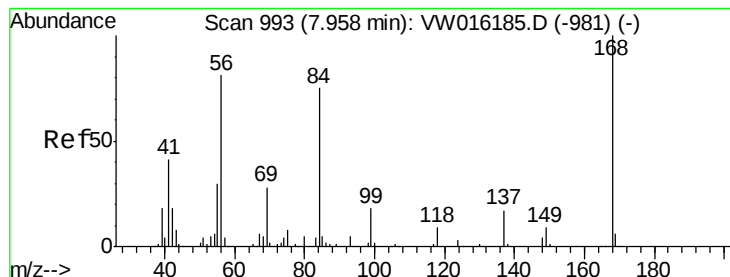
MMDadoda
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#30
Chloroform
Concen: 19.511 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.0	75.0





#31

Cyclohexane

Concen: 19.700 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

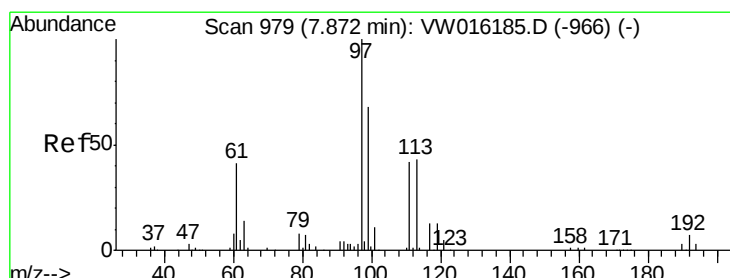
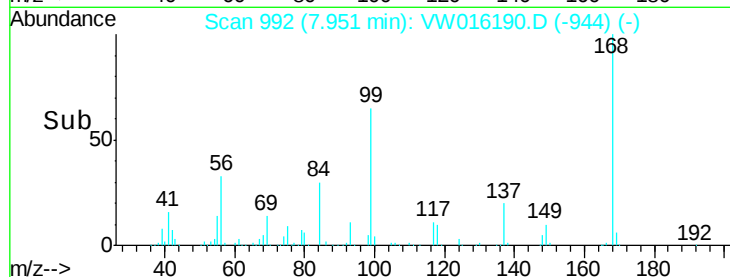
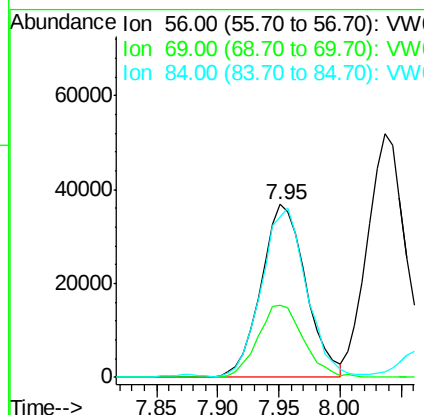
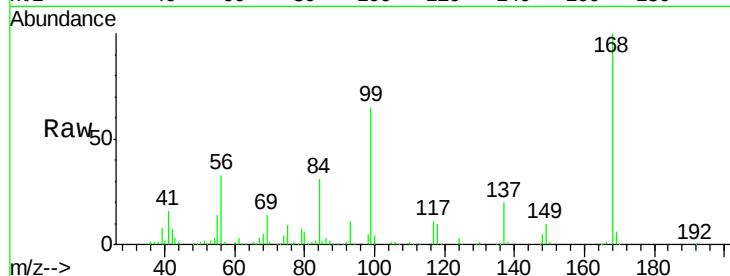
ClientSampleId :

VW0814SBS01

Tot Ion:	56	Resp:	94401
Ion Ratio	Lower	Upper	
56	100		
69	41.8	27.3	40.9#
84	91.4	73.5	110.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.755 ug/l

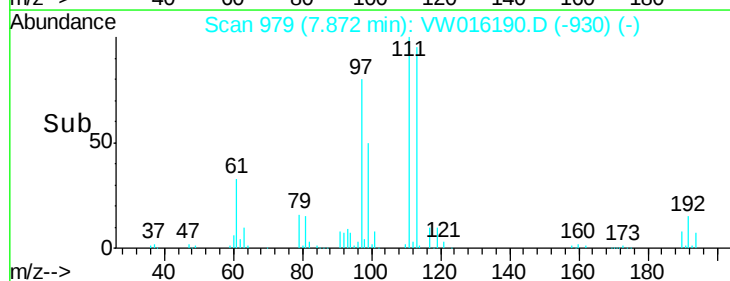
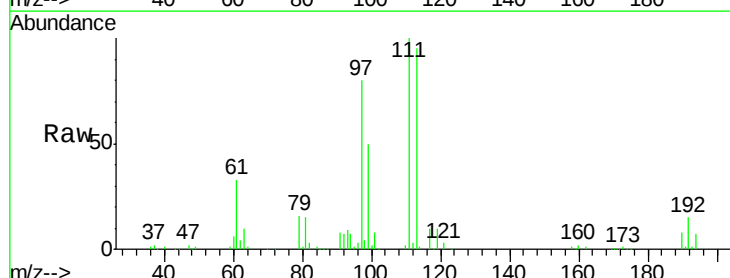
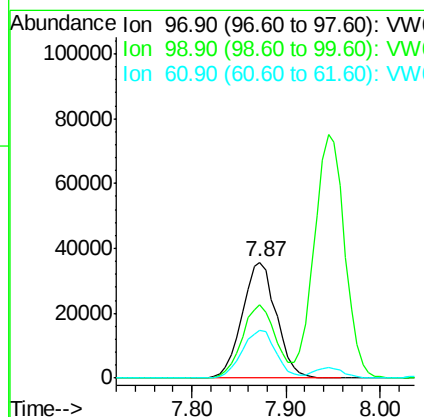
RT: 7.87 min Scan# 979

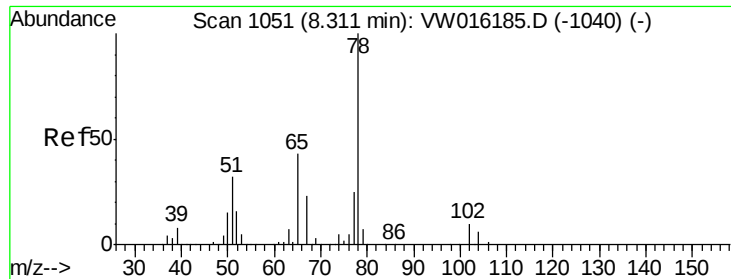
Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	97	Resp:	89619
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.3	76.9
61	41.7	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 51.501 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 65 Resp: 135228

Ion Ratio Lower Upper

65 100

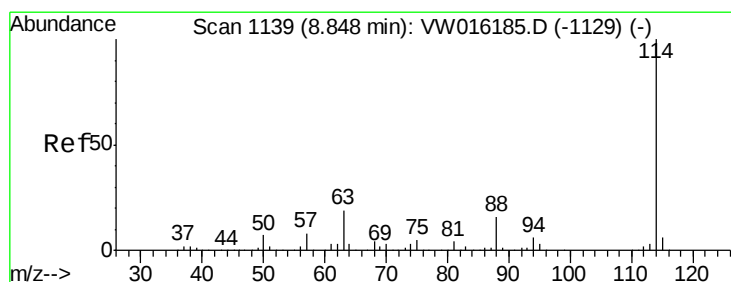
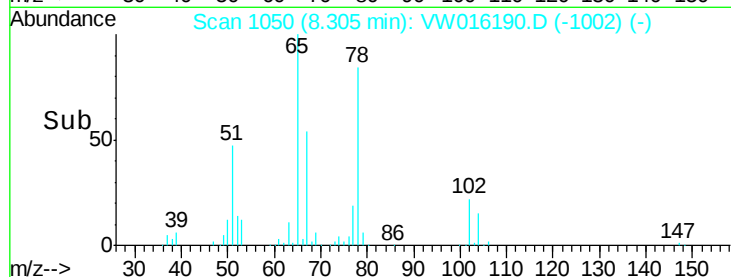
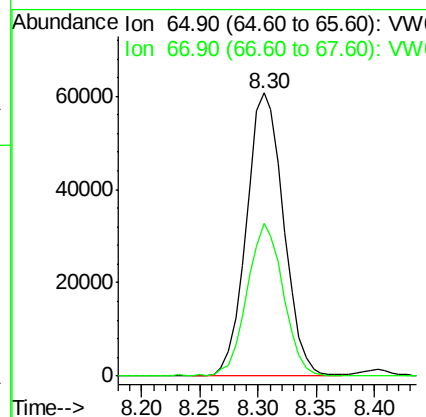
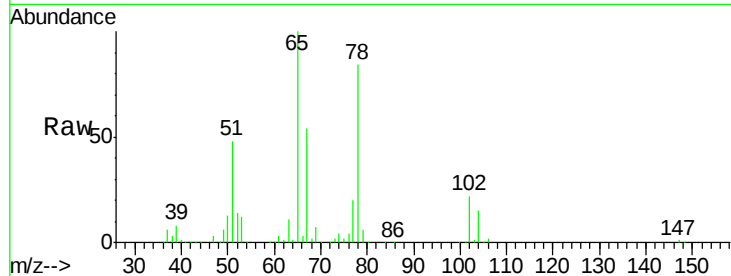
67 52.8 0.0 105.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

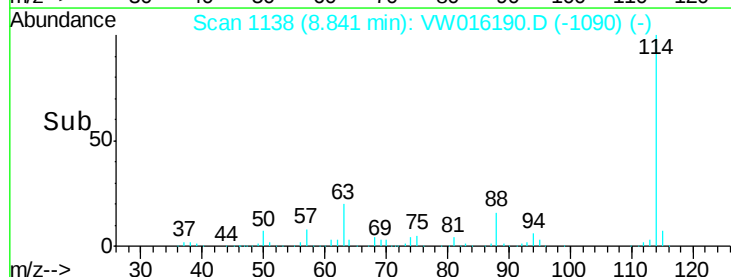
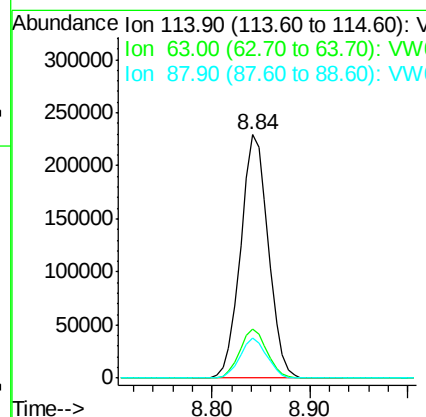
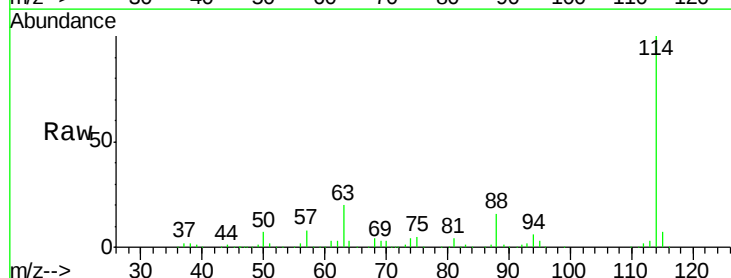
Tgt Ion: 114 Resp: 448089

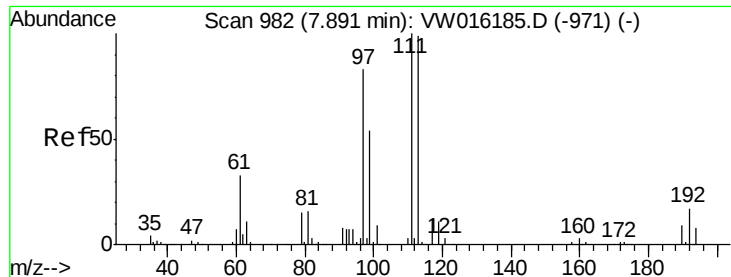
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.916 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

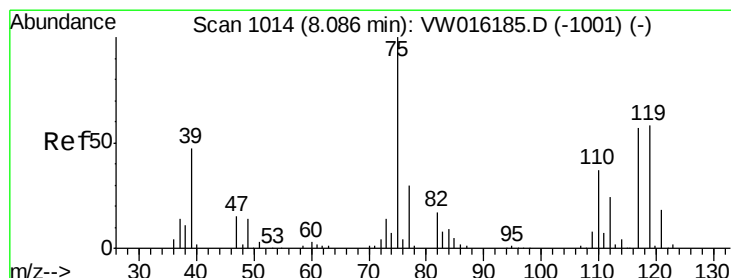
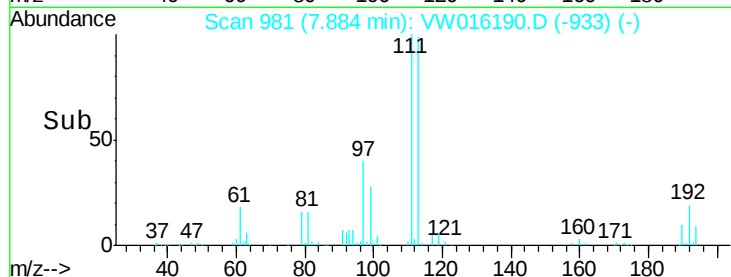
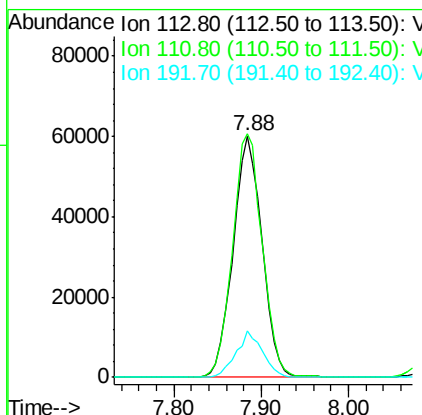
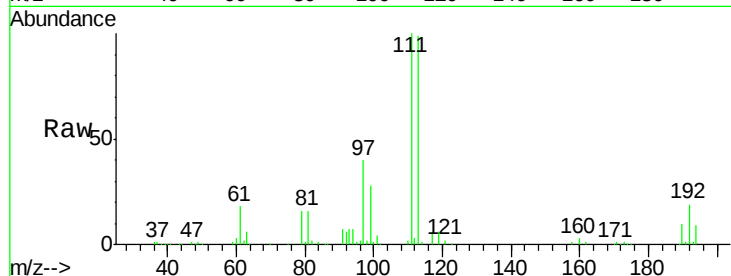
ClientSampleId :

VW0814SBS01

Tot Ion:	113	Resp:	138005
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.5	125.3
192	17.8	14.3	21.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.641 ug/l

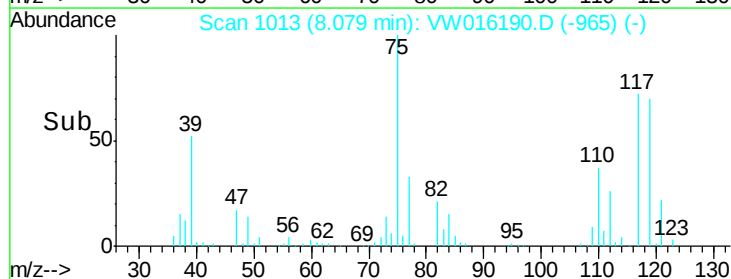
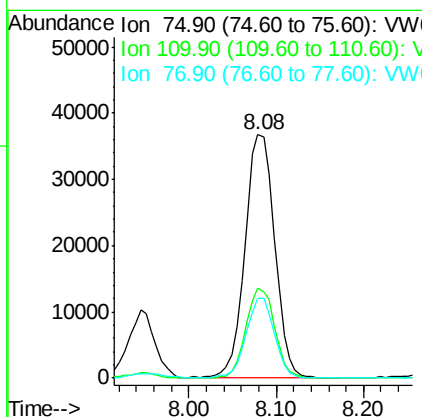
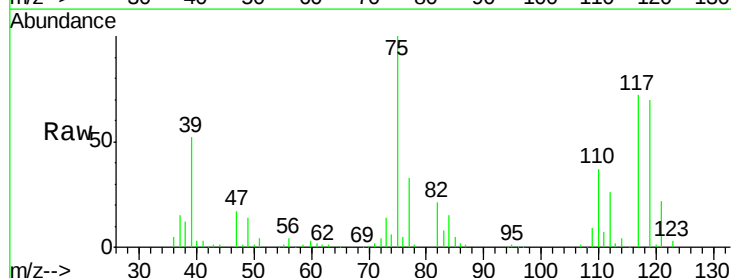
RT: 8.08 min Scan# 1013

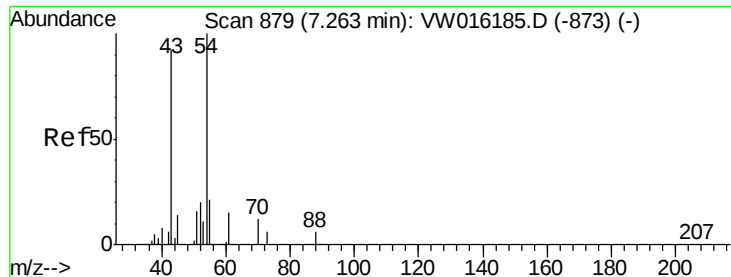
Delta R.T. -0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	75	Resp:	86703
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.3
77	31.3	24.7	37.1





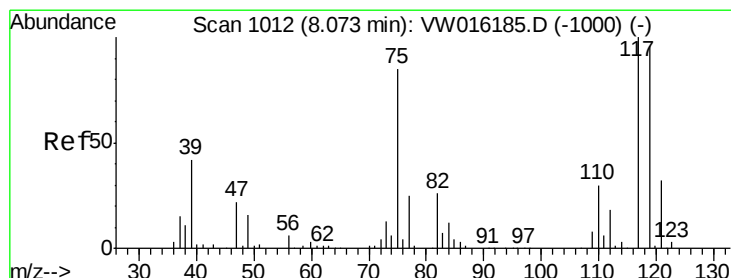
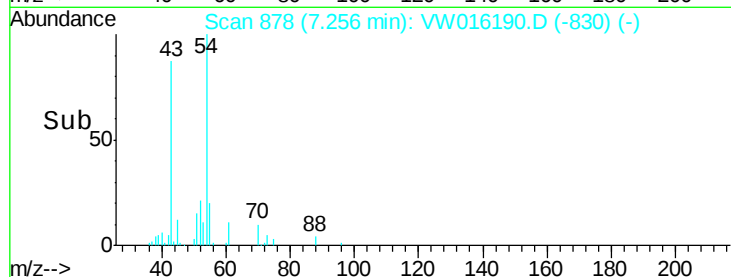
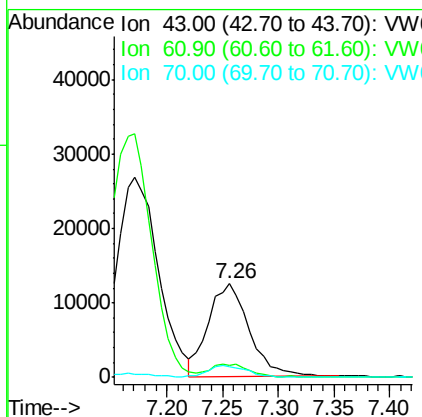
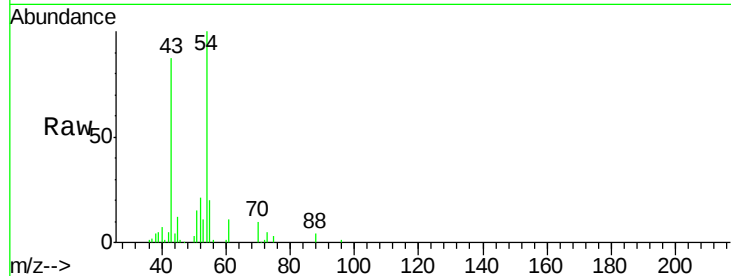
#37
Ethyl Acetate
Concen: 20.918 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	18.8
70	12.2	9.8	14.8

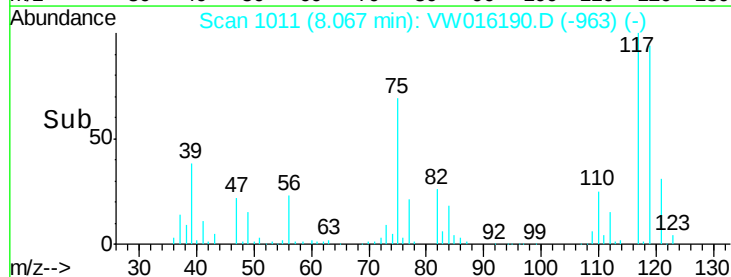
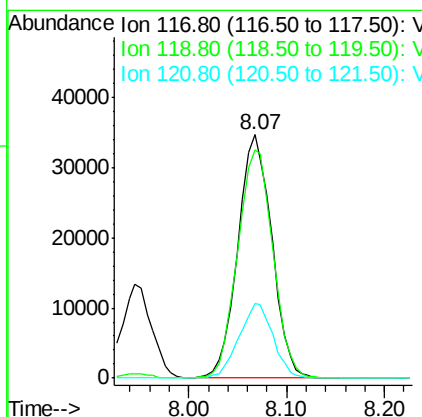
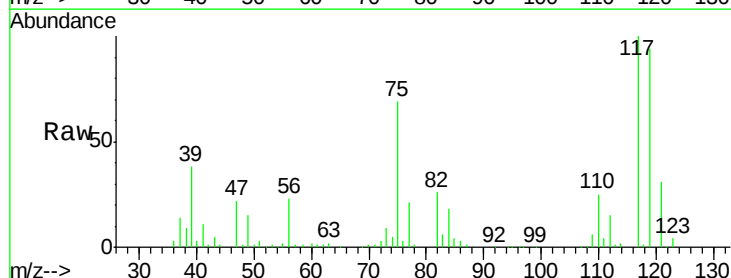
Manual Integrations
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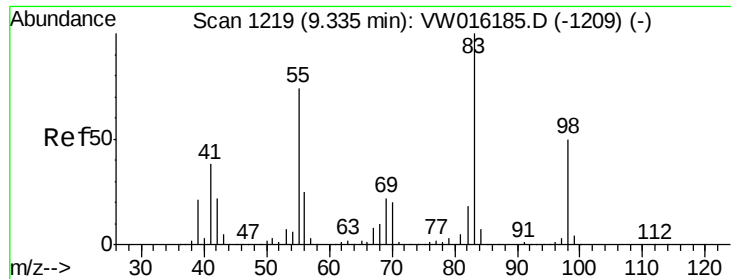
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#38
Carbon Tetrachloride
Concen: 19.019 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	115.0
121	30.5	25.4	38.0





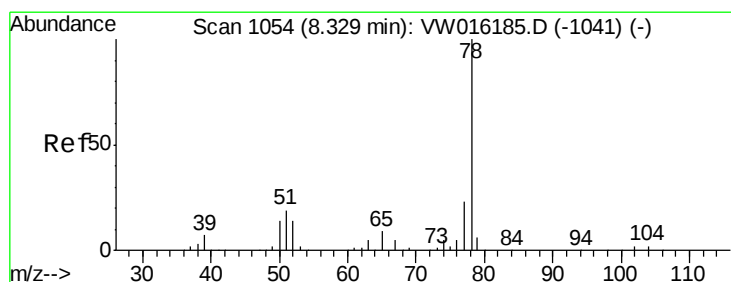
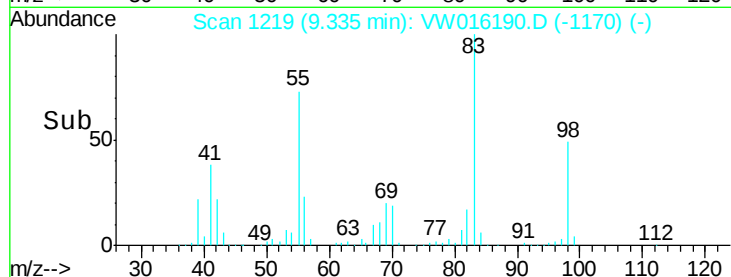
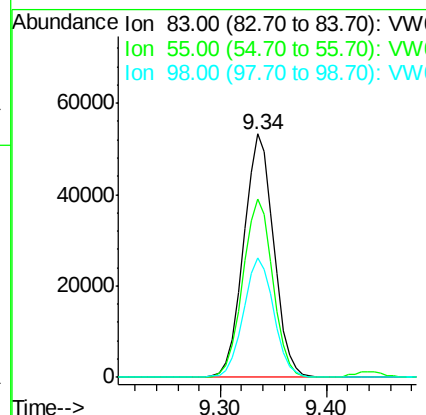
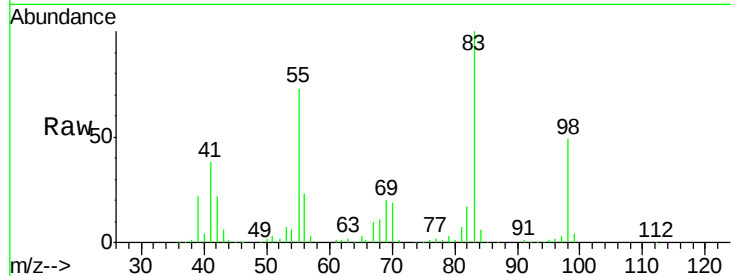
#39
Methvlcvclohexane
Concen: 19.898 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	83	Resp	105804
Ion Ratio	100	Lower	Upper
83	100		
55	73.1	59.2	88.8
98	49.3	40.2	60.2

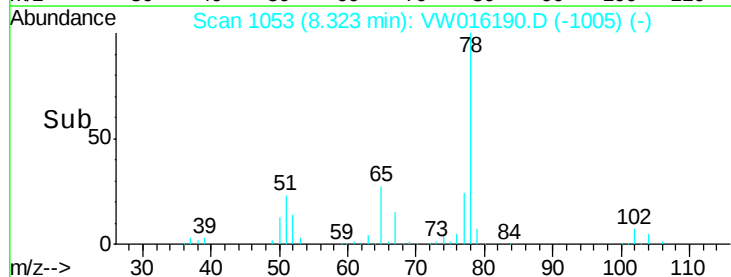
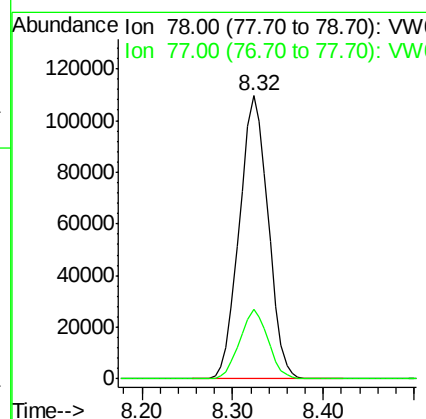
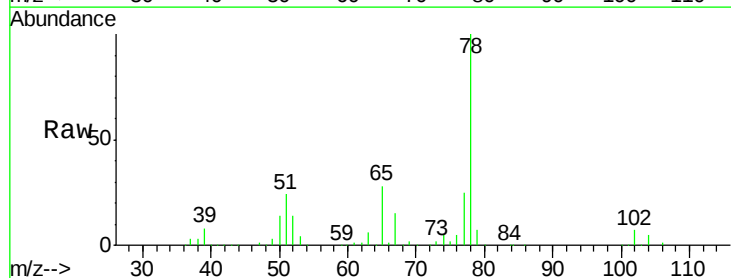
Manual Integrations
APPROVED

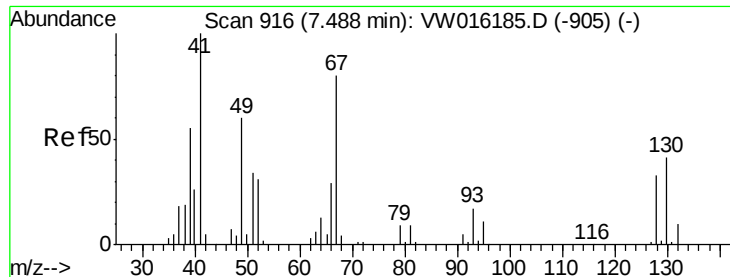
MMDadoda
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#40
Benzene
Concen: 19.444 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	78	Resp	241460
Ion Ratio	100	Lower	Upper
78	100		
77	24.5	18.6	28.0





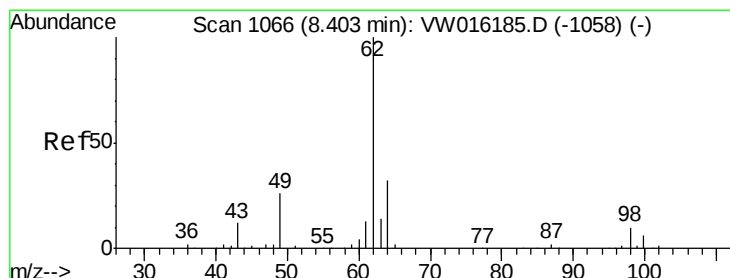
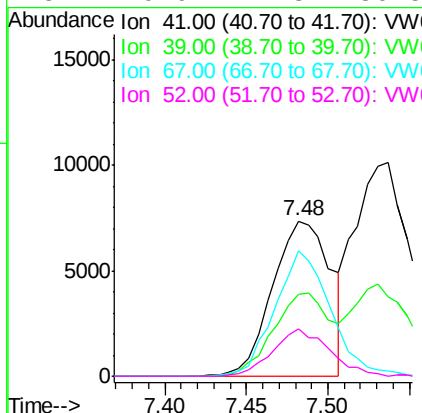
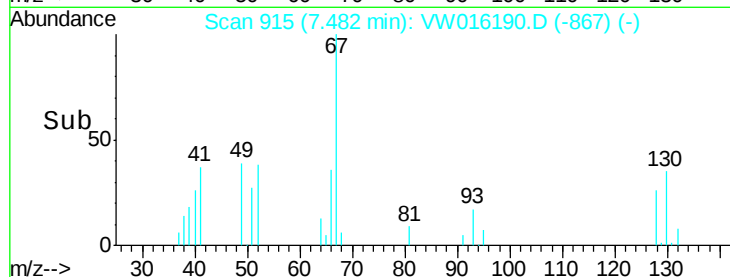
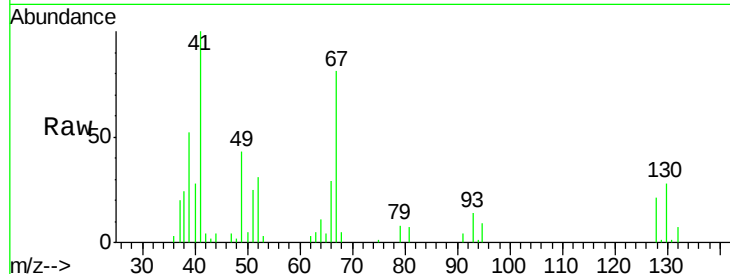
#41
Methacrylonitrile
Concen: 21.061 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion:	41	Resp:	18192
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.4	65.2
67	77.6	61.5	92.3
52	29.9	24.3	36.5

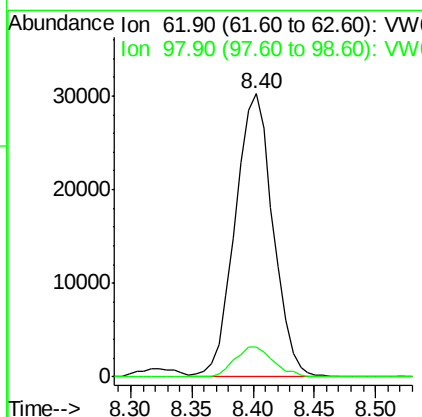
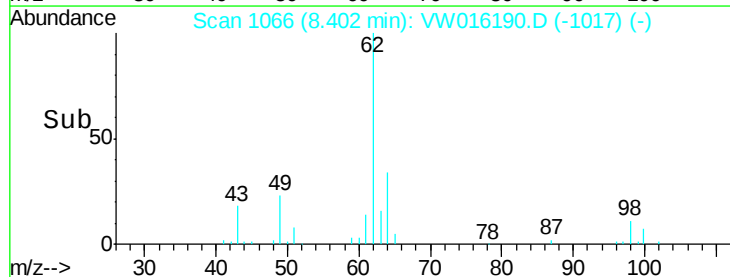
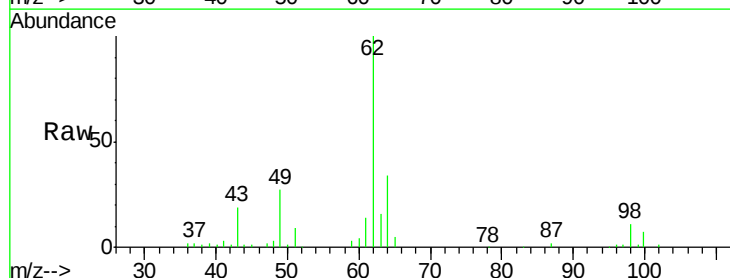
Manual Integrations
APPROVED

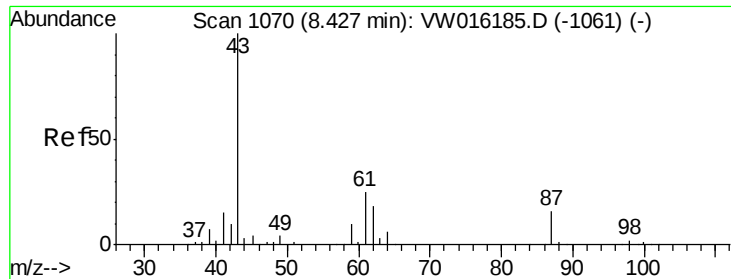
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.766 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion:	62	Resp:	64828
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.273 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

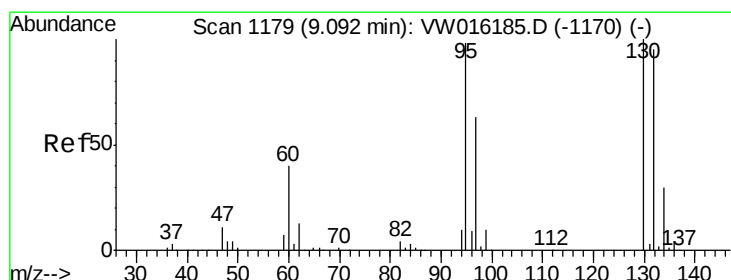
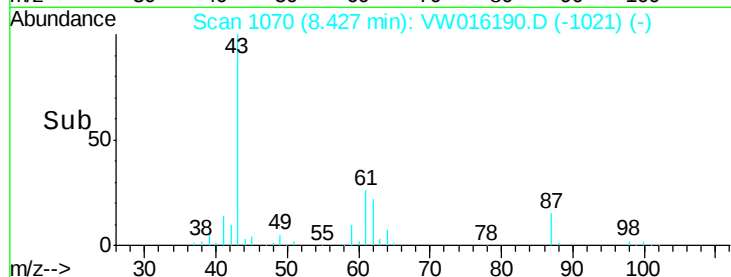
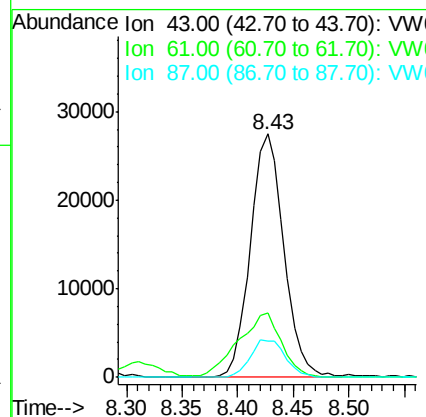
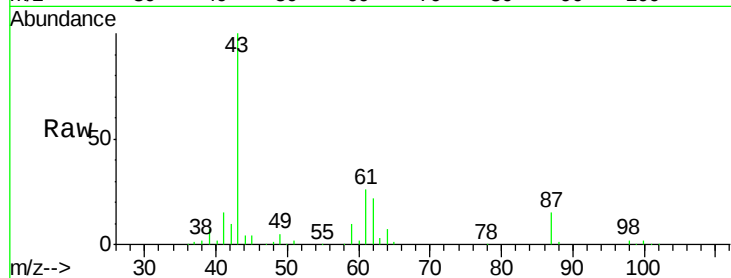
ClientSampleId :

VW0814SBS01

Tot Ion:	43	Resp:	57724
Ion	Ratio	Lower	Upper
43	100		
61	34.0	26.9	40.3
87	16.1	12.0	18.0

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#44

Trichloroethene

Concen: 18.502 ug/l

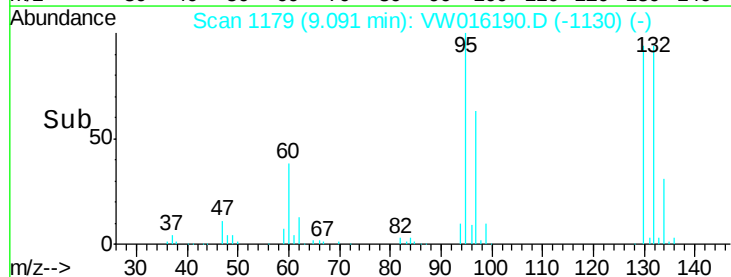
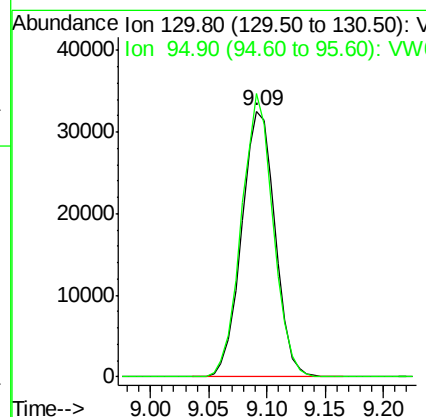
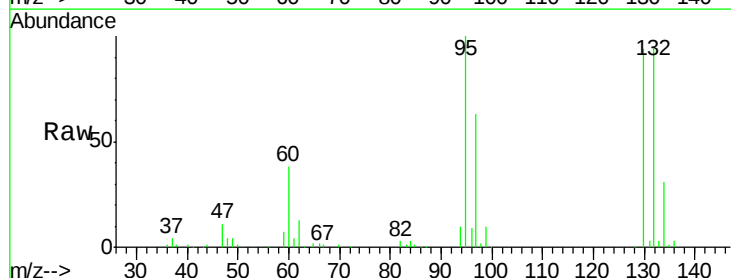
RT: 9.09 min Scan# 1179

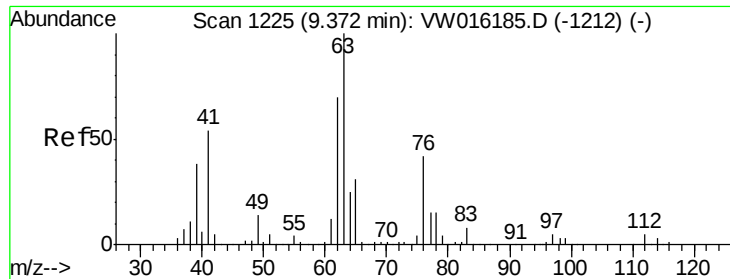
Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	130	Resp:	65073
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	196.4





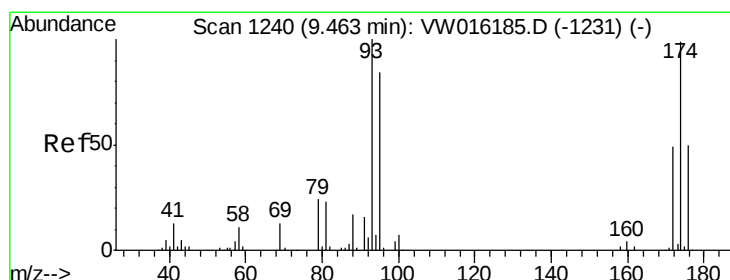
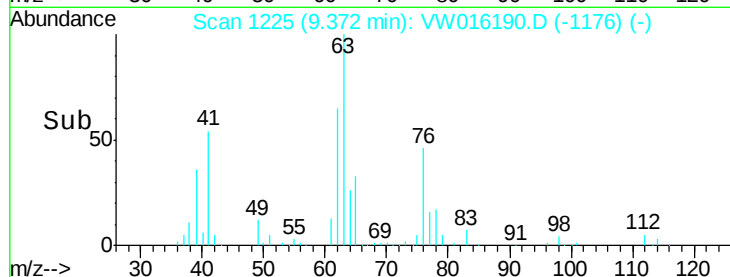
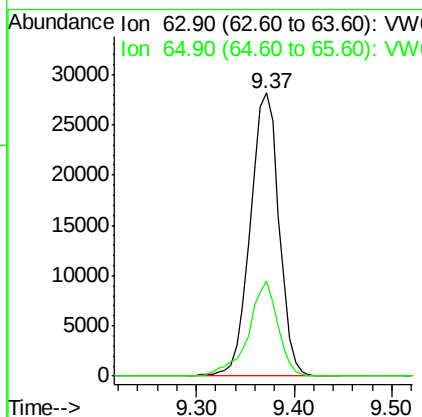
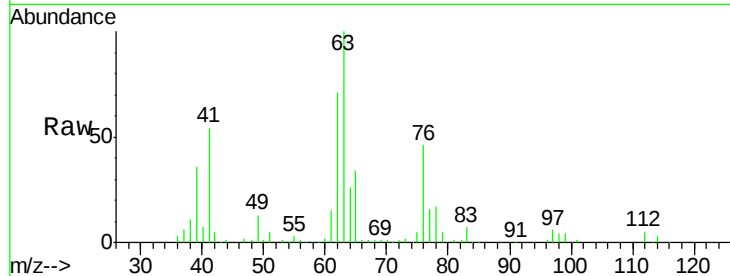
#45
 1,2-Dichloropropane
 Concen: 19.744 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.6	25.0	37.6

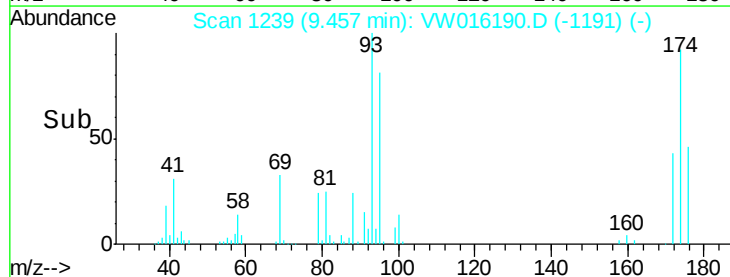
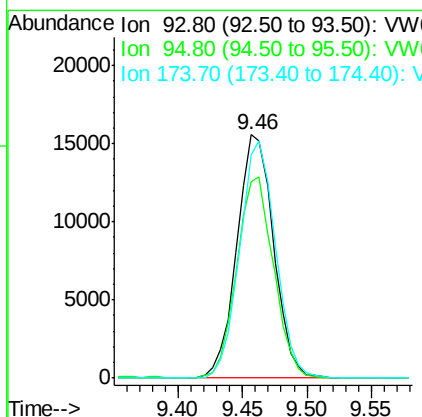
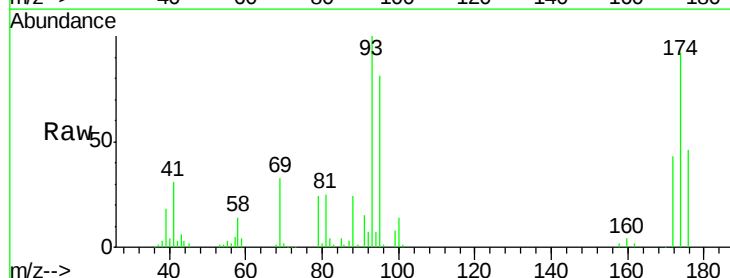
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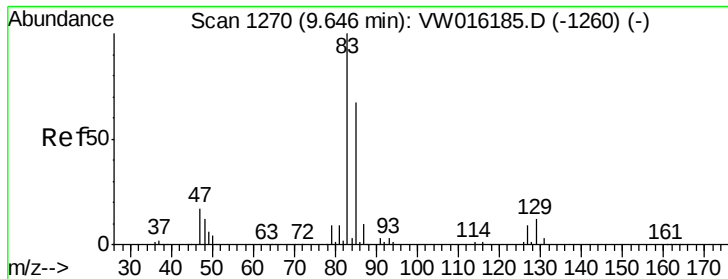
MMDadoda
 8/17/2020 5:46:36 PM



#46
 Dibromomethane
 Concen: 19.990 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	94.8	77.0	115.6





#47

Bromodichloromethane

Concen: 19.007 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

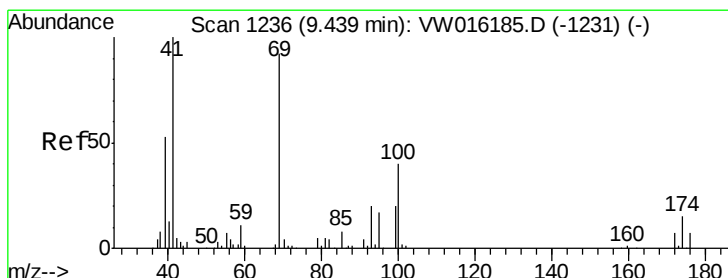
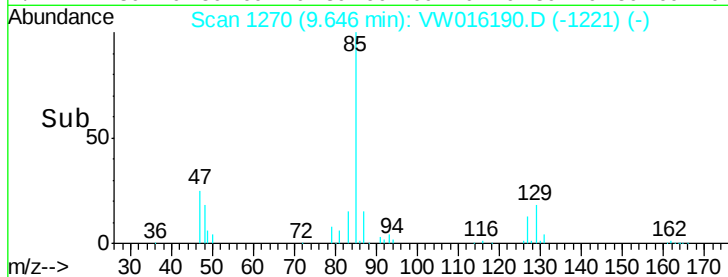
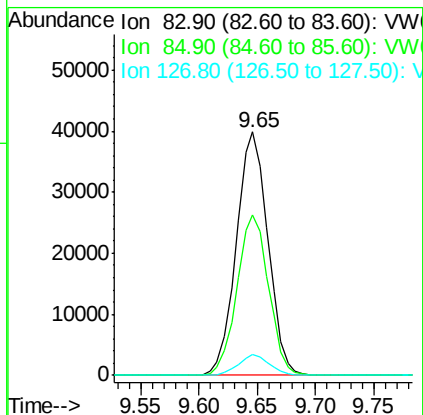
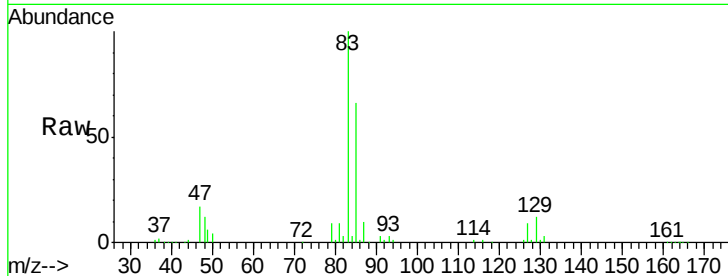
ClientSampleId :

VW0814SBS01

Tot Ion:	83	Resp:	75470
Ion Ratio	Lower	Upper	
83	100		
85	65.9	53.3	79.9
127	8.8	7.4	11.2

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#48

Methyl methacrylate

Concen: 20.408 ug/l

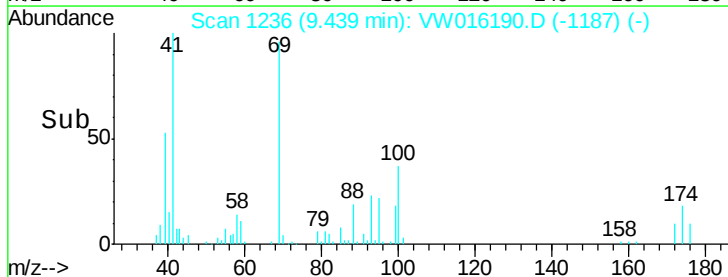
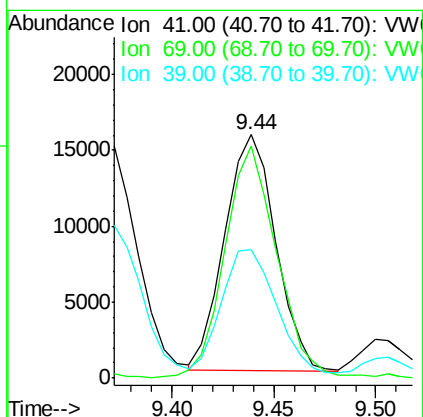
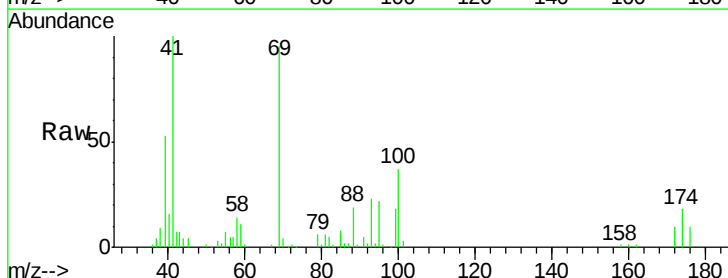
RT: 9.44 min Scan# 1236

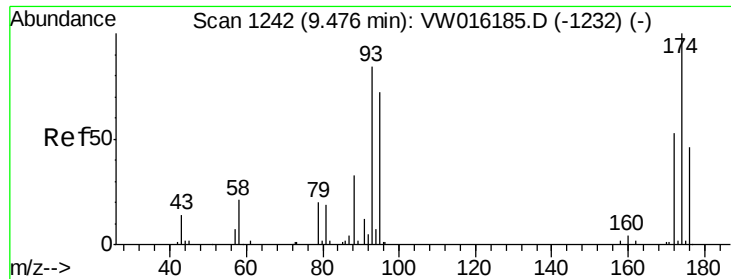
Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion:	41	Resp:	27014
Ion Ratio	Lower	Upper	
41	100		
69	98.9	77.4	116.0
39	60.5	42.2	63.2





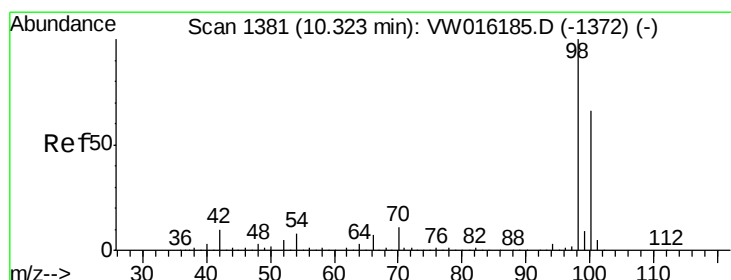
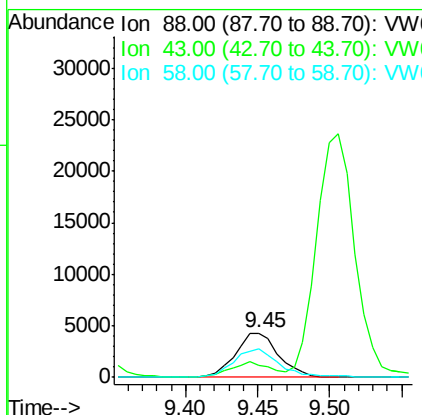
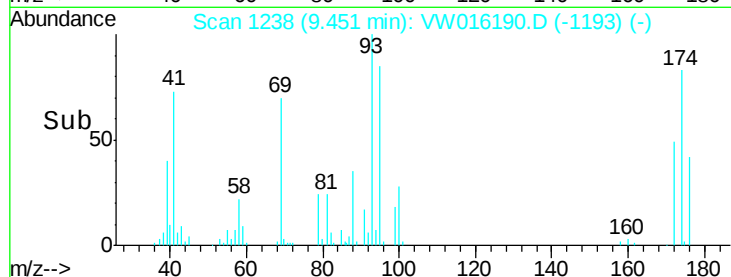
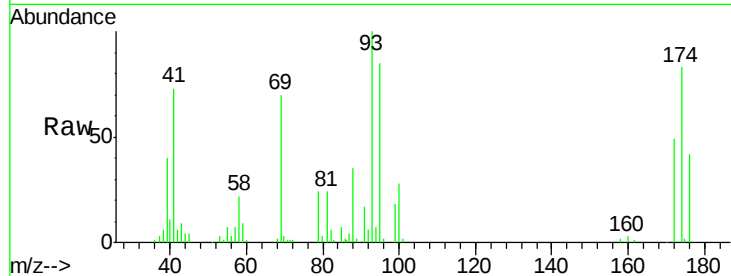
#49
1,4-Dioxane
Concen: 457.626 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	88	Resp	8856
Ion	Ratio	Lower	Upper
88	100		
43	33.1	0.0	0.0#
58	69.3	56.6	84.8

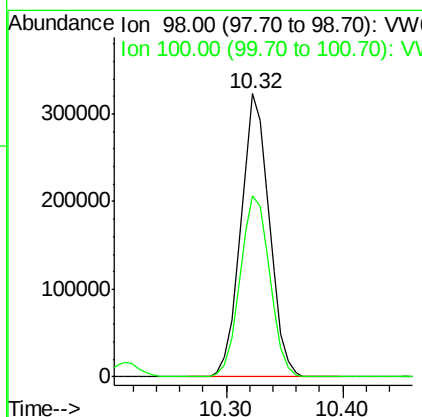
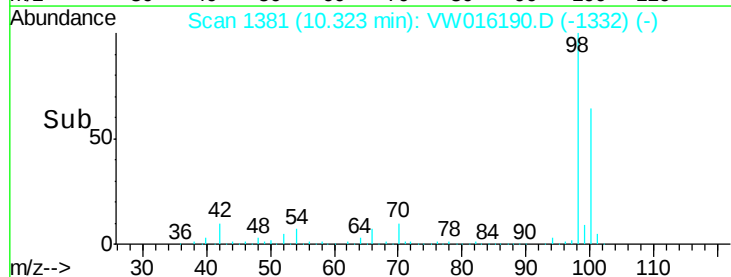
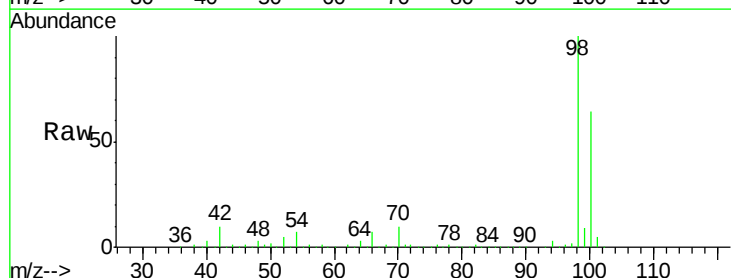
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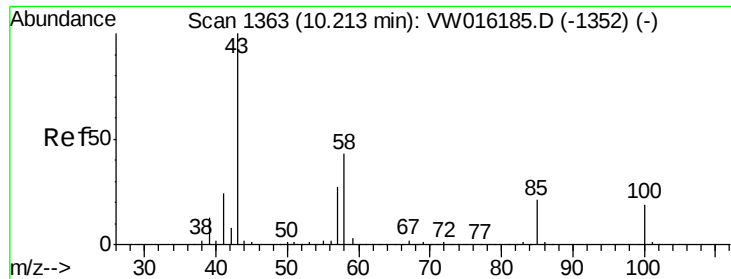
MMDadoda
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#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	98	Resp	549277
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 105.588 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 43 Resp: 152059

Ion Ratio Lower Upper

43 100

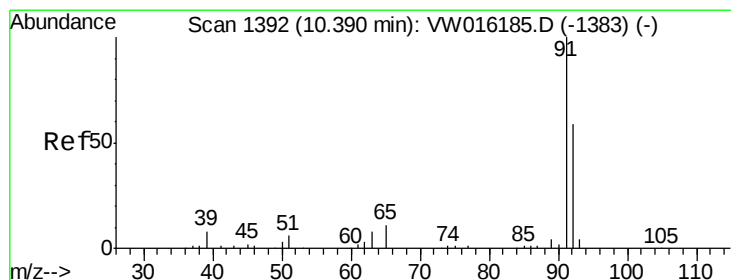
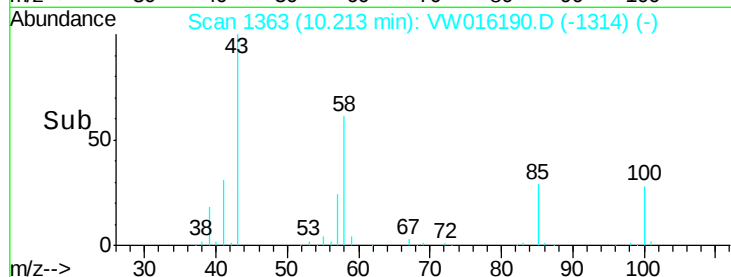
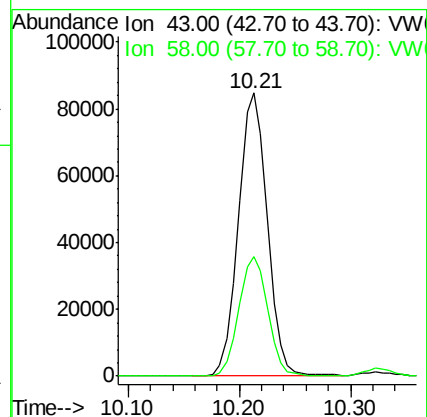
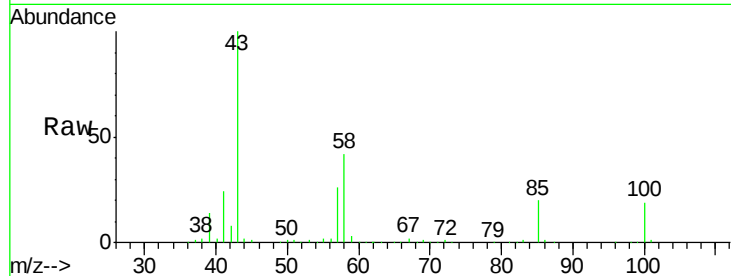
58 42.4 33.7 50.5

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8/17/2020 5:46:36 PM



#52

Toluene

Concen: 19.708 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016190.D

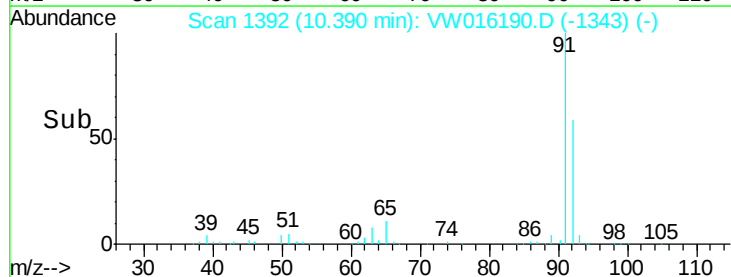
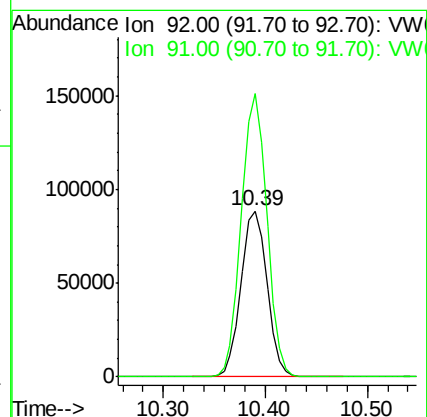
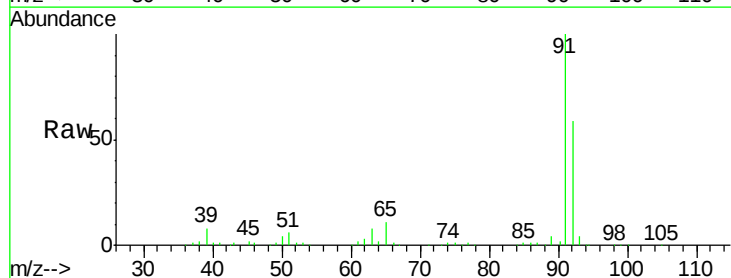
Acq: 14 Aug 2020 14:25

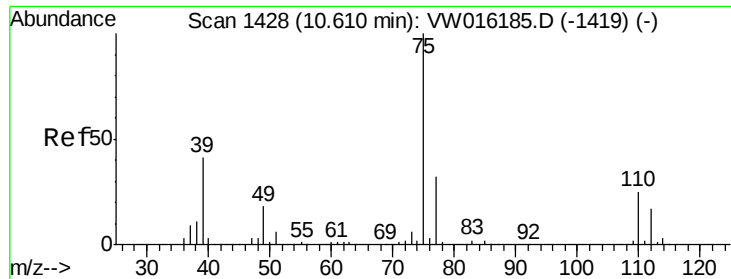
Tgt Ion: 92 Resp: 156717

Ion Ratio Lower Upper

92 100

91 167.7 133.3 199.9





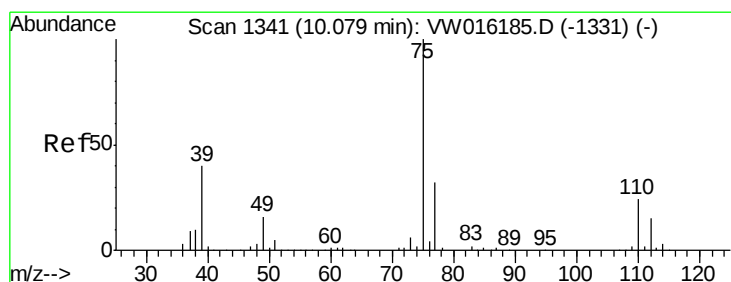
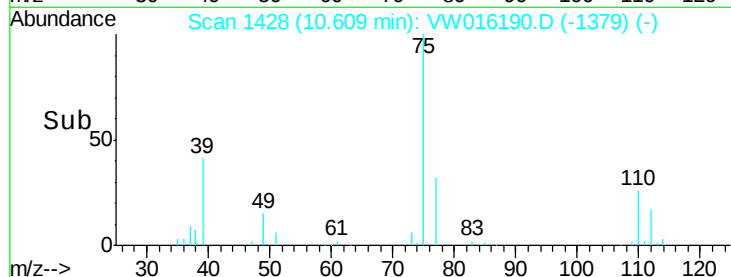
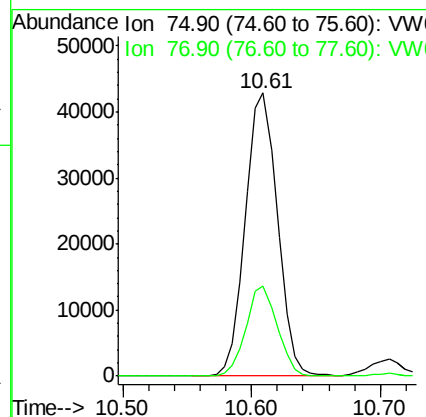
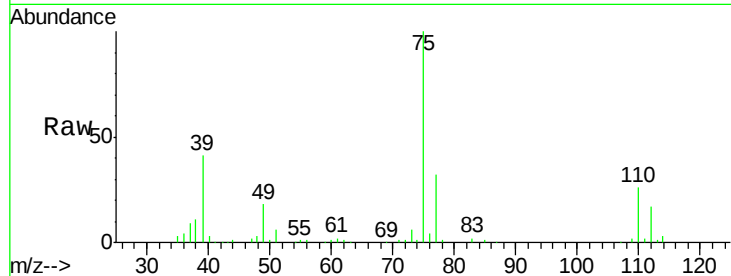
#53
t-1,3-Dichloropropene
Concen: 20.098 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion: 75 Resp: 73890
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

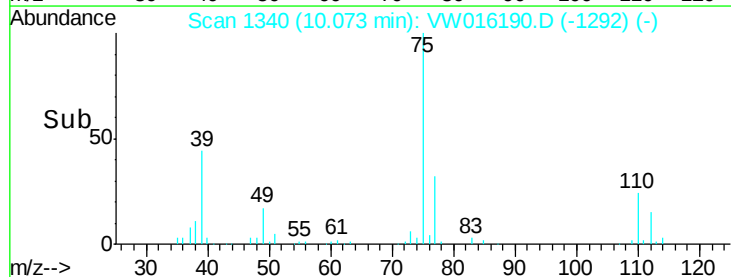
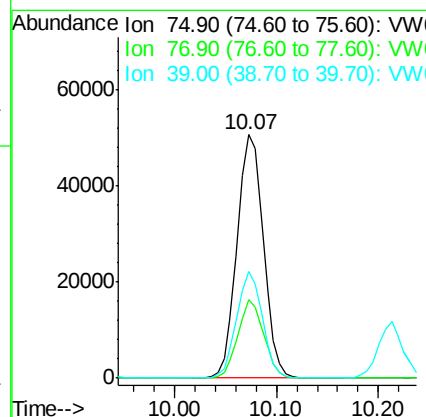
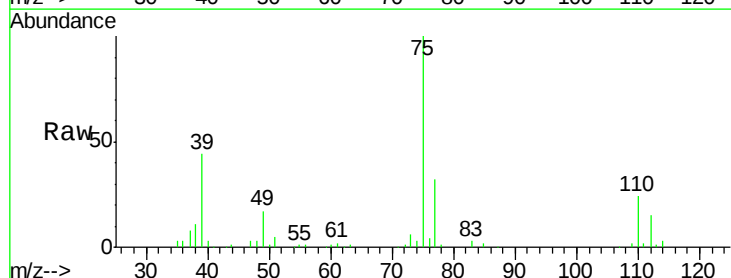
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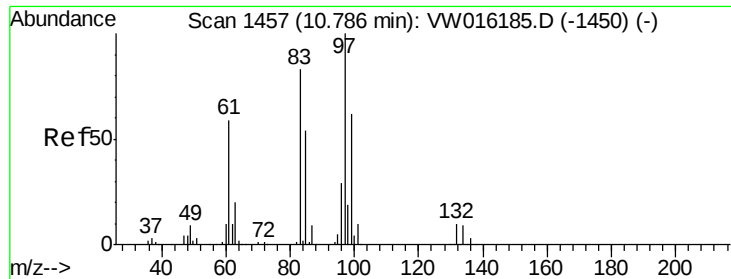
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#54
cis-1,3-Dichloropropene
Concen: 19.770 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion: 75 Resp: 90334
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 43.6 32.3 48.5





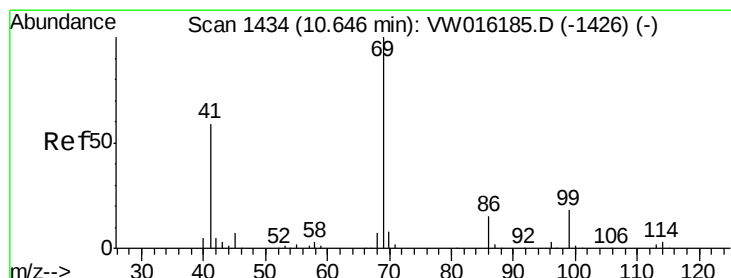
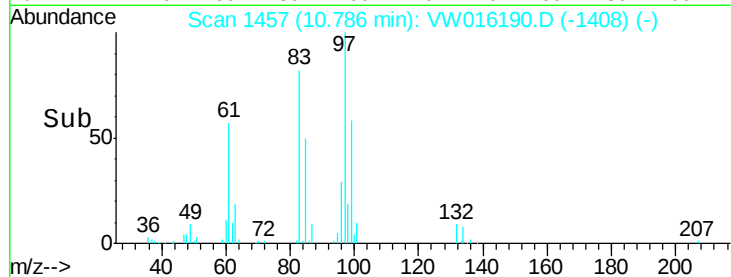
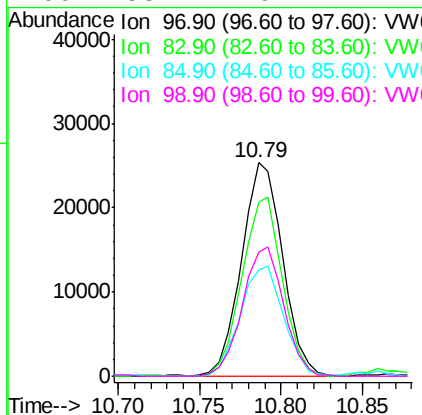
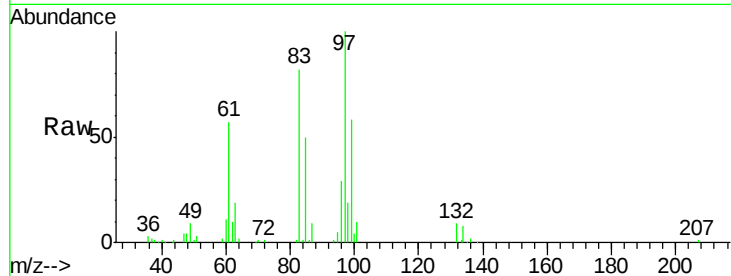
#55
 1,1,2-Trichloroethane
 Concen: 20.175 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion:	97	Resp:	44490
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.6	100.0
85	49.9	43.0	64.4
99	58.2	49.4	74.2

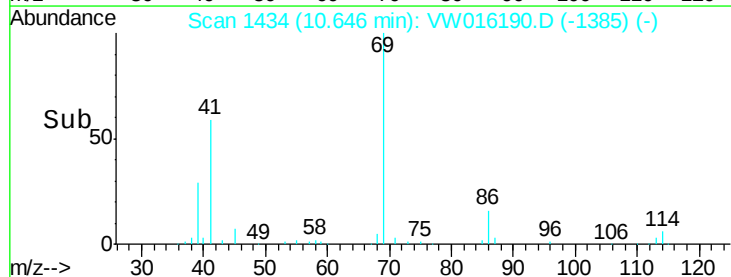
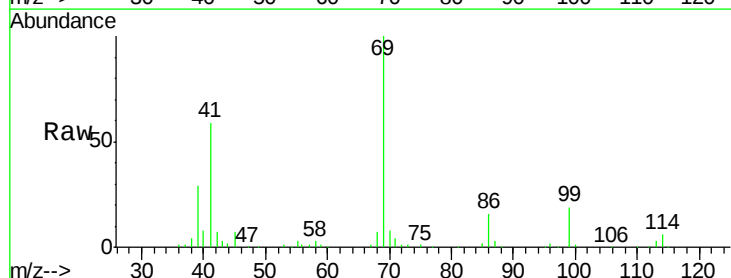
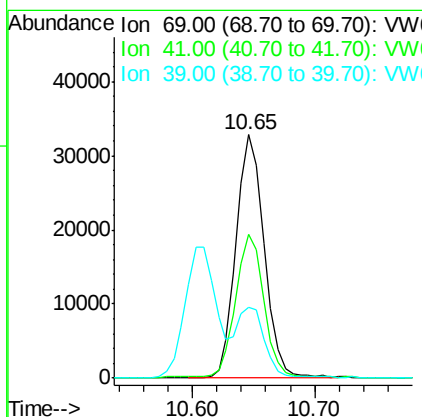
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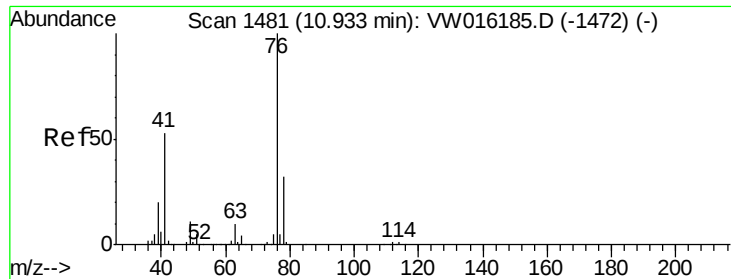
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#56
 Ethyl methacrylate
 Concen: 20.808 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion:	69	Resp:	52327
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.6	71.4
39	30.9	24.6	36.8





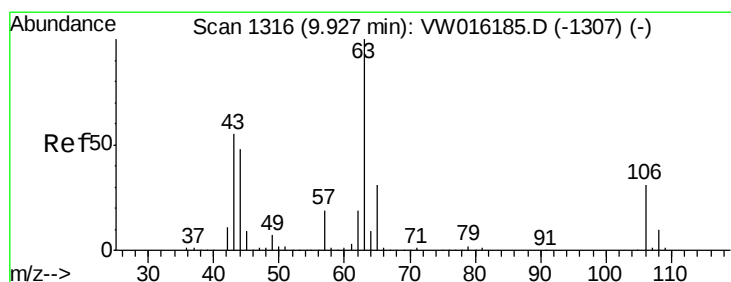
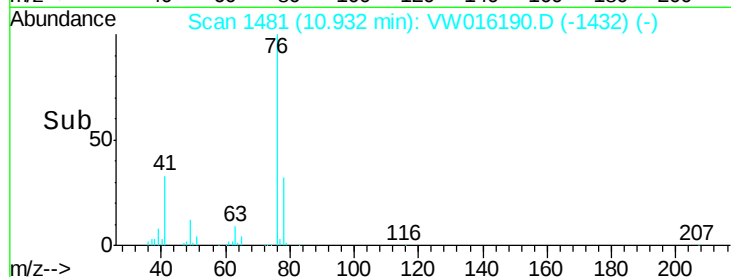
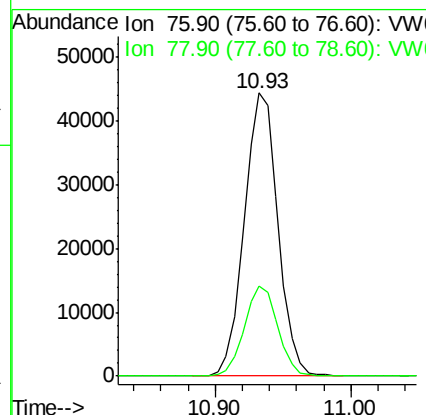
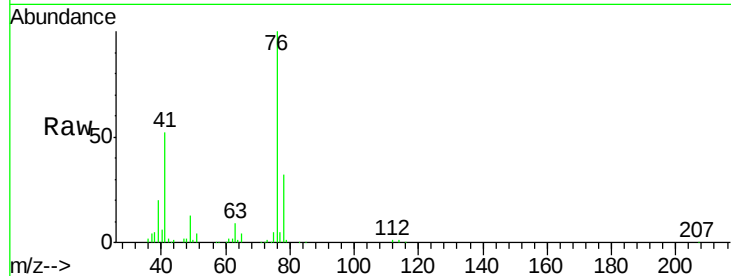
#57
 1,3-Dichloropropane
 Concen: 20.349 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion: 76 Resp: 76346
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

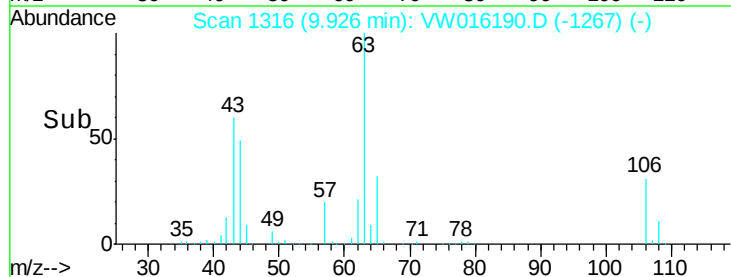
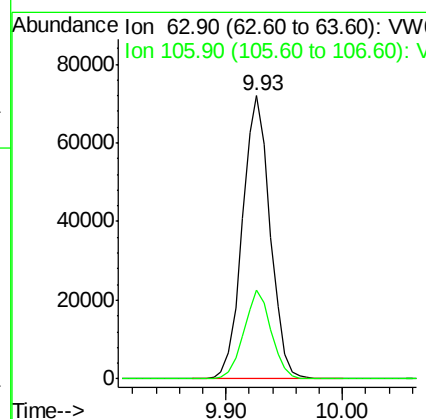
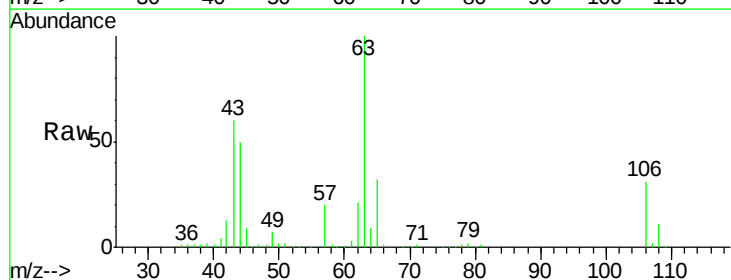
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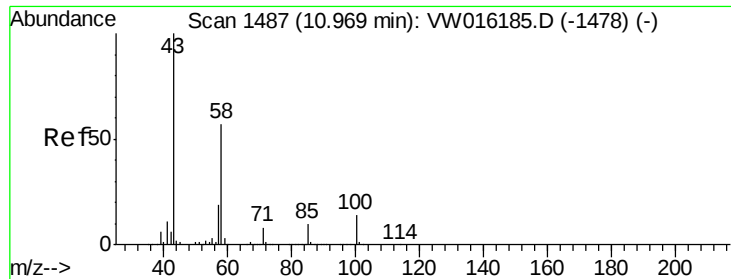
MMDadoda
 8/17/2020 5:46:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.211 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion: 63 Resp: 119483
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.9 37.3





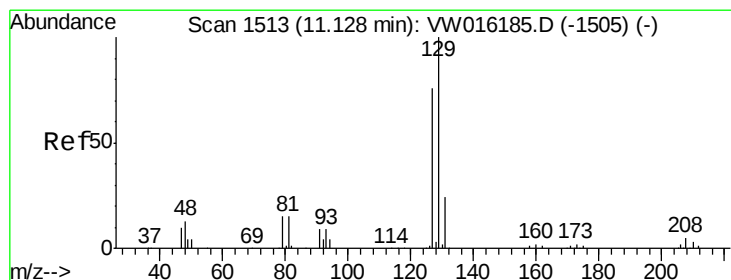
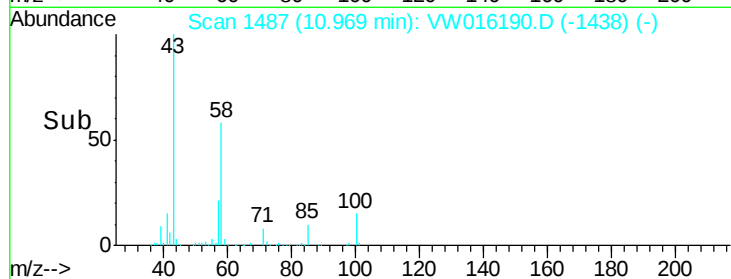
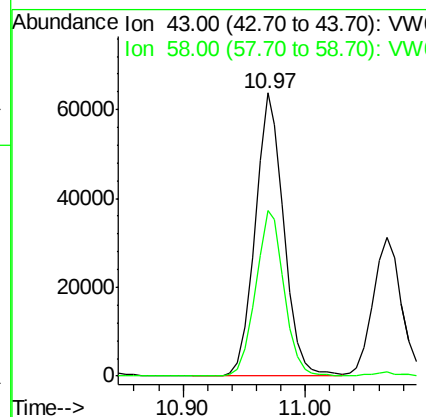
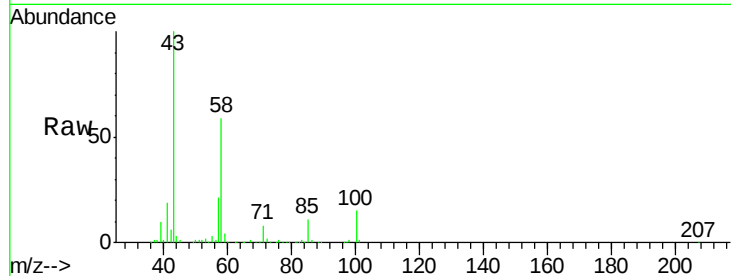
#59
2-Hexanone
Concen: 105.266 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion: 43 Resp: 103707
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.5

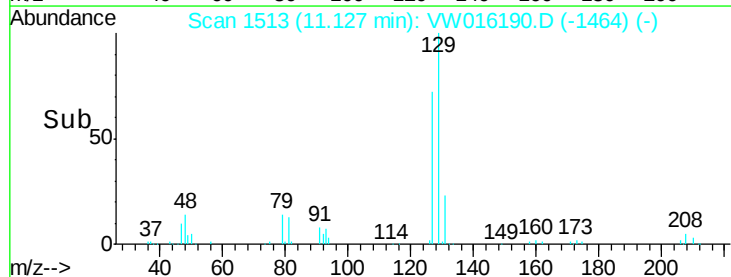
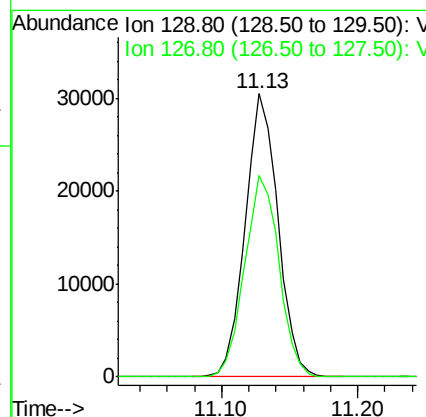
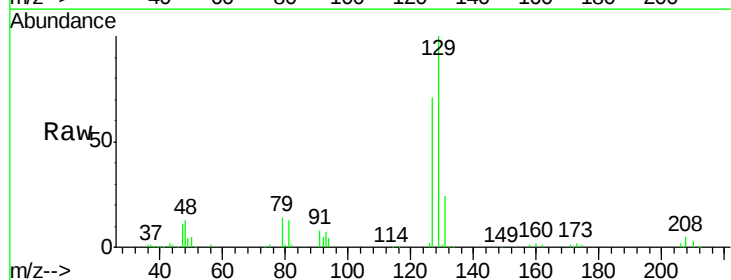
Manual Integrations
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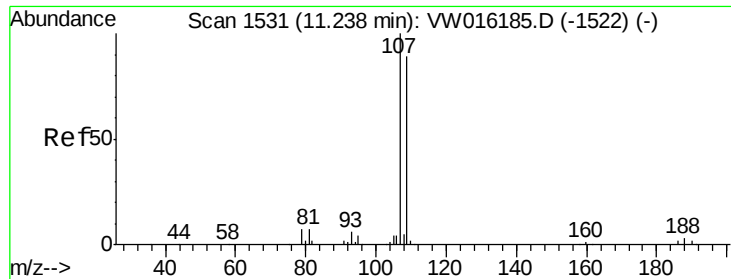
MMDadoda
8/17/2020 5:46:36 PM



#60
Dibromochloromethane
Concen: 19.638 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion: 129 Resp: 51515
Ion Ratio Lower Upper
129 100
127 74.5 38.3 114.8





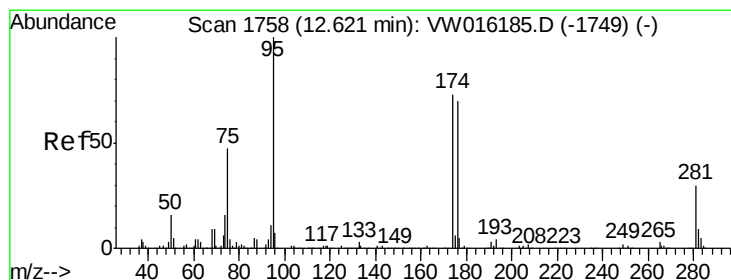
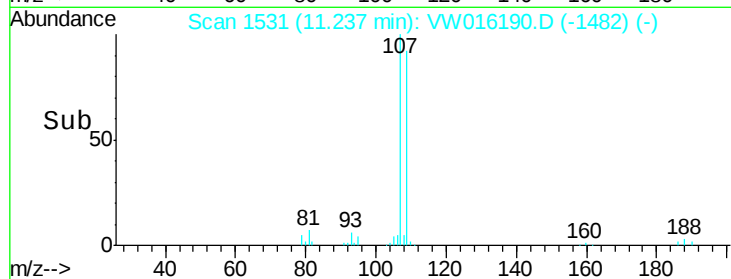
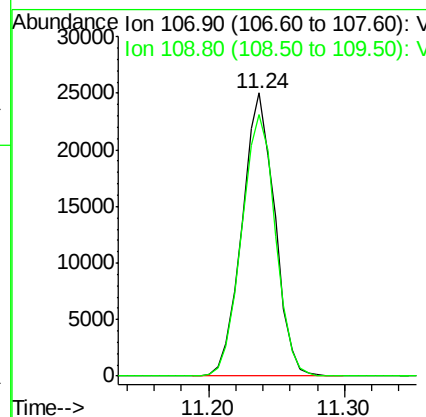
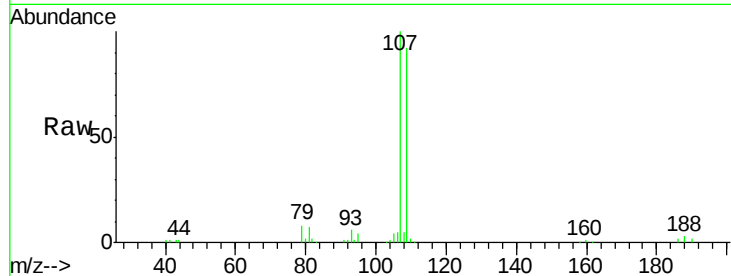
#61
 1,2-Dibromoethane
 Concen: 19.815 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion: 107 Resp: 42063
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.7 112.1

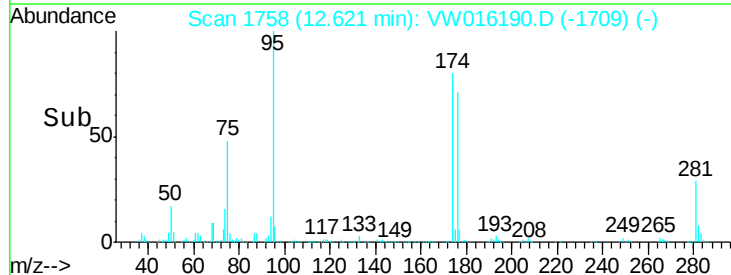
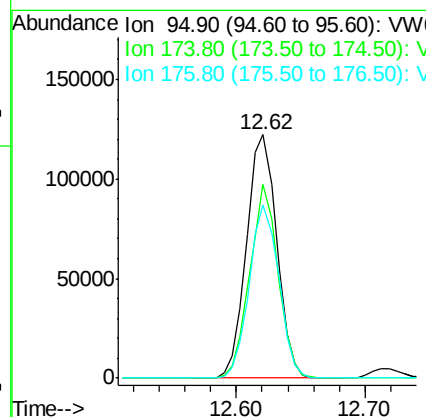
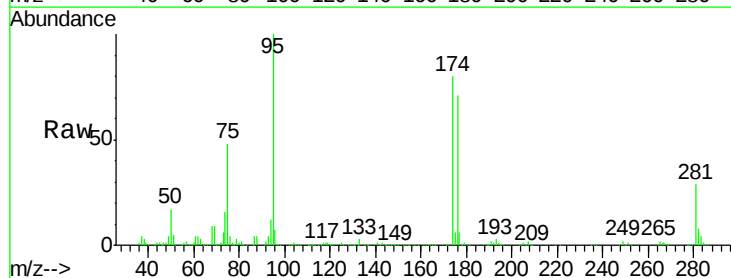
Manual Integrations
 APPROVED

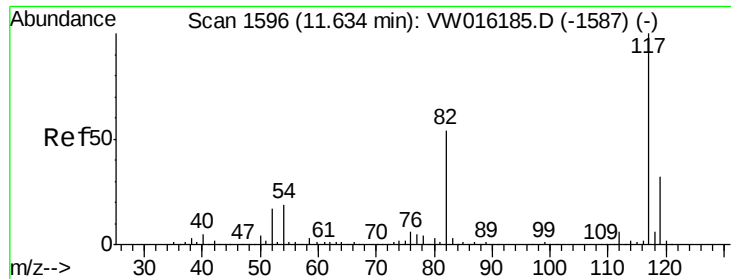
MMDadoda
 8/17/2020 5:46:36 PM



#62
 4-Bromofluorobenzene
 Concen: 51.753 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion: 95 Resp: 197977
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 145.6
 176 69.7 0.0 137.8





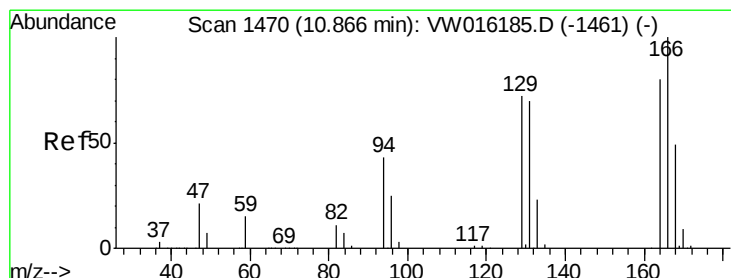
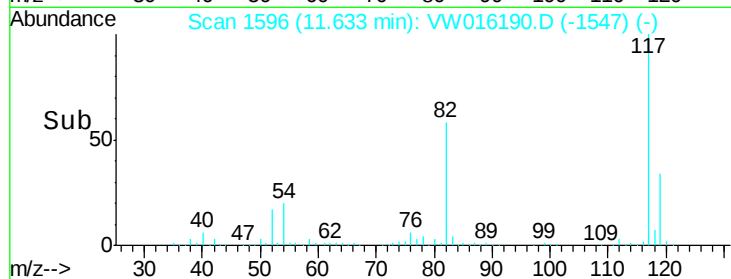
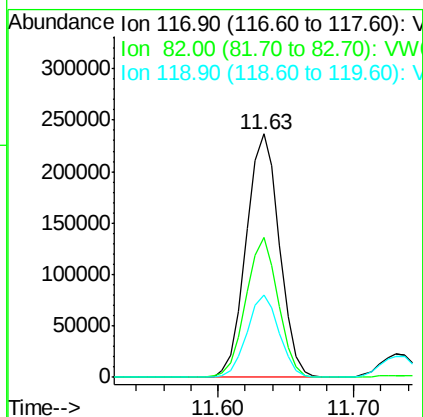
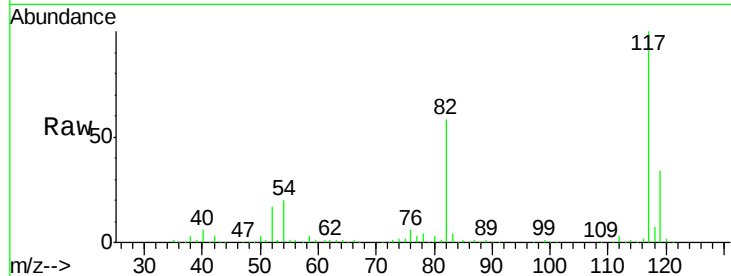
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.6	65.4
119	33.8	25.4	38.0

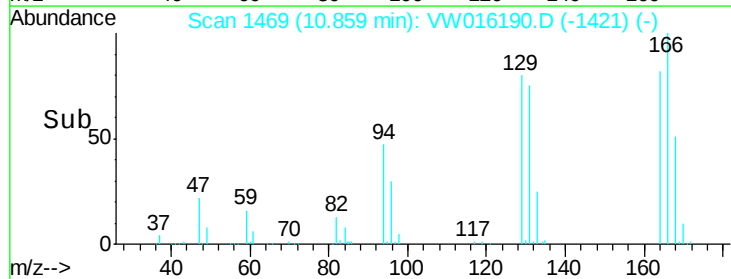
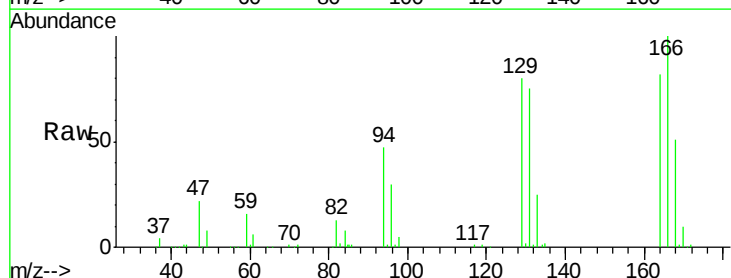
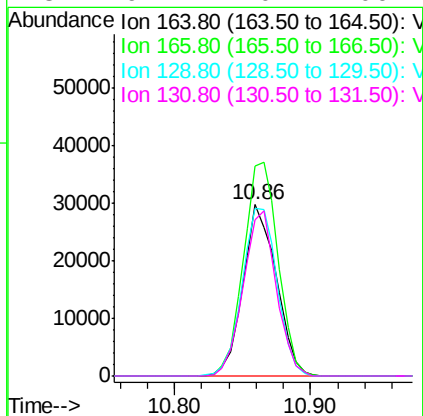
Manual Integrations
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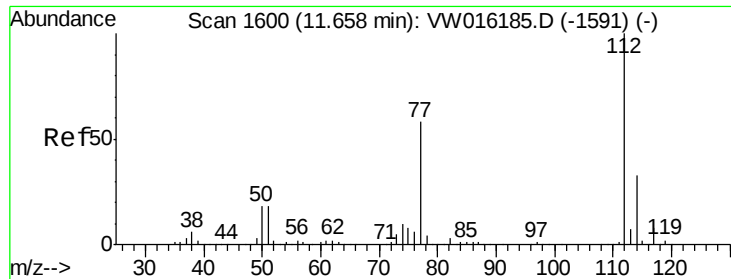
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#64
Tetrachloroethene
Concen: 19.245 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	100.3	150.5
129	98.3	72.2	108.4
131	91.4	70.7	106.1





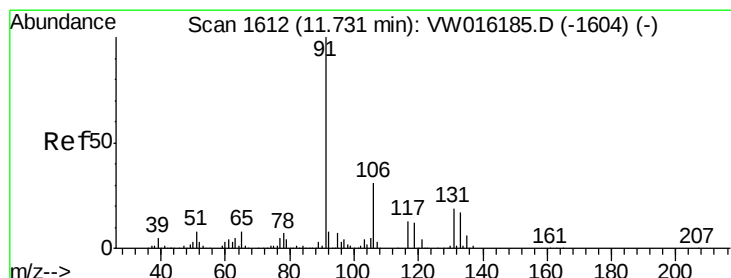
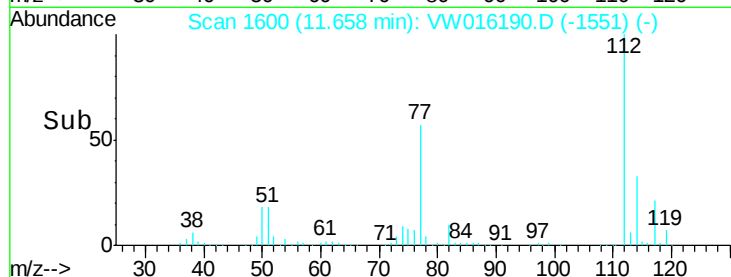
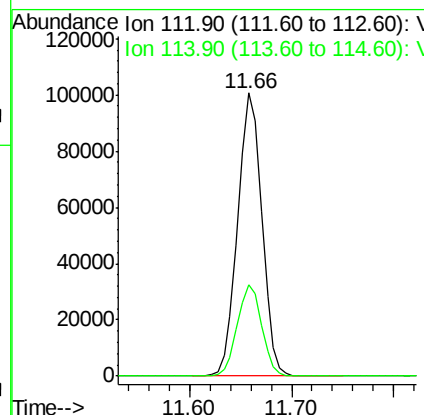
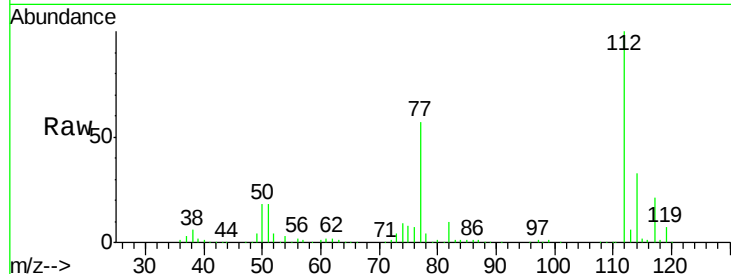
#65
Chlorobenzene
Concen: 19.811 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion:112 Resp: 164533
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8

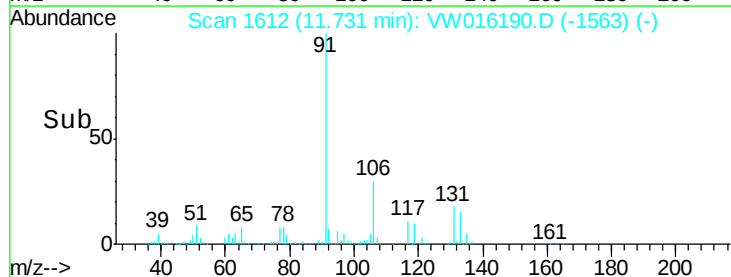
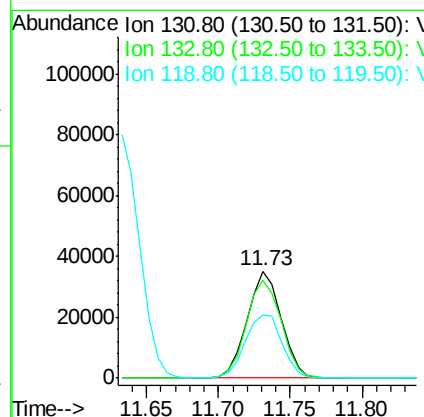
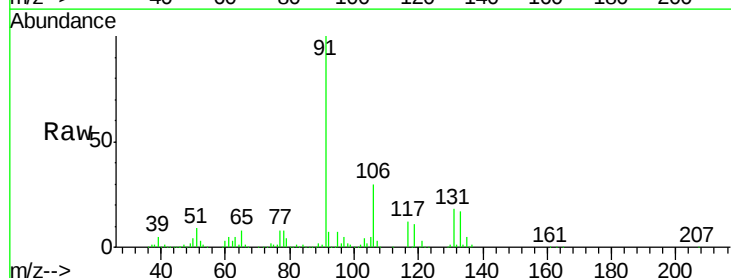
Manual Integrations
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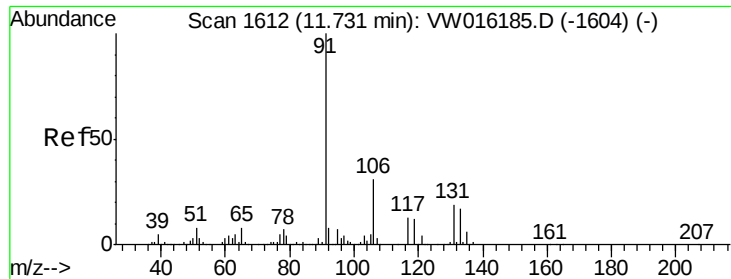
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion:131 Resp: 57519
Ion Ratio Lower Upper
131 100
133 93.1 47.1 141.3
119 63.7 33.1 99.3





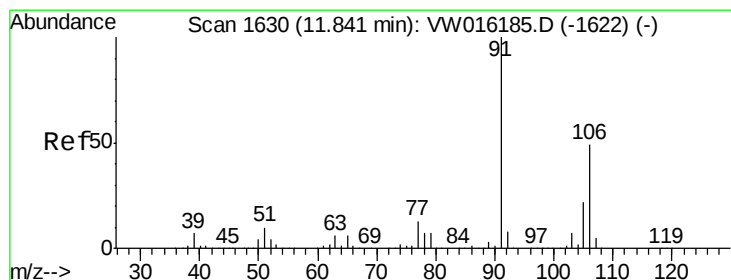
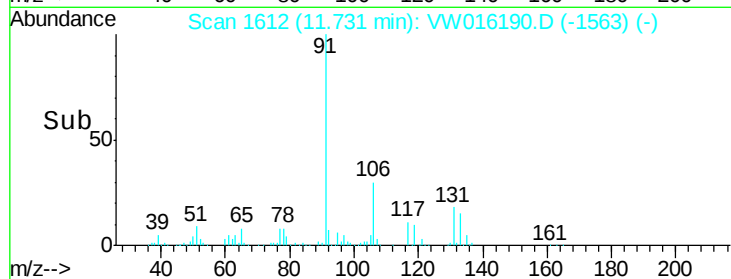
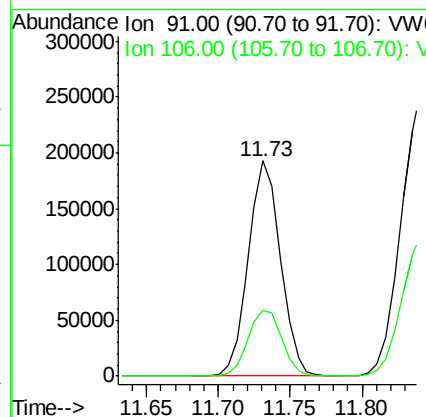
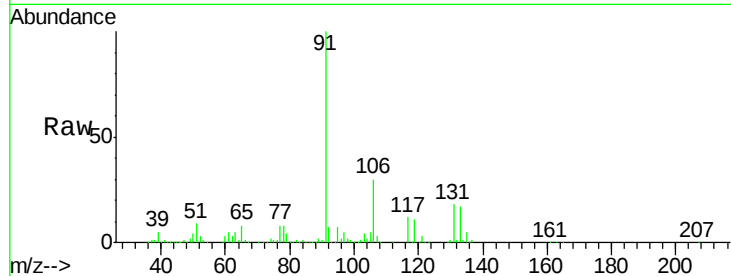
#67
Ethyl Benzene
Concen: 19.988 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion: 91 Resp: 298348
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

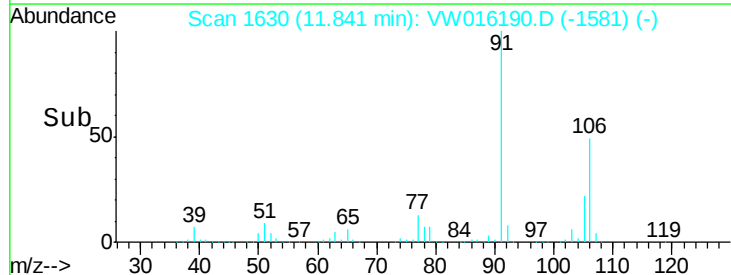
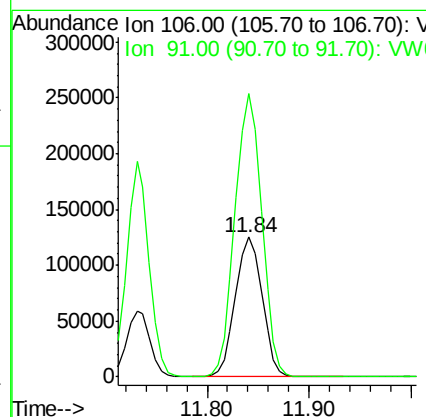
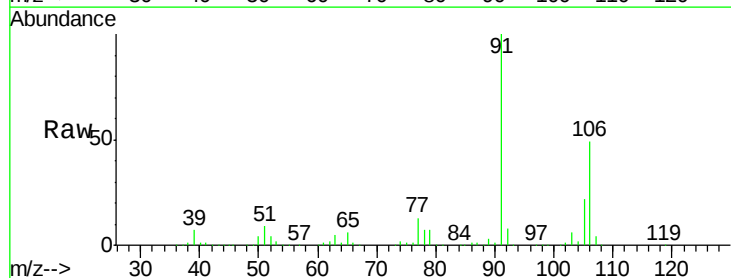
Manual Integrations
APPROVED

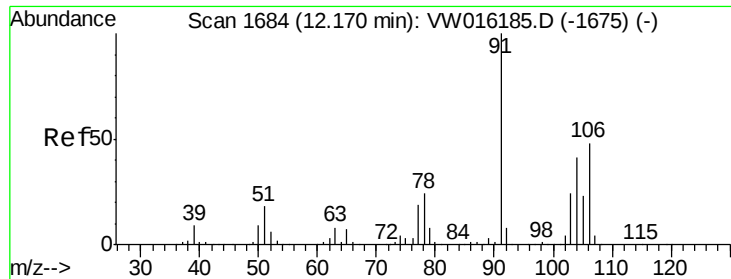
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#68
m/p-Xylenes
Concen: 39.835 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion: 106 Resp: 228546
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2





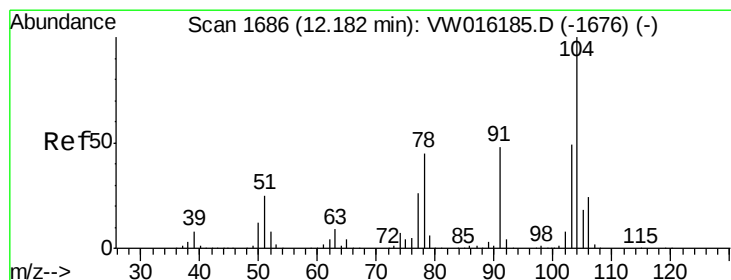
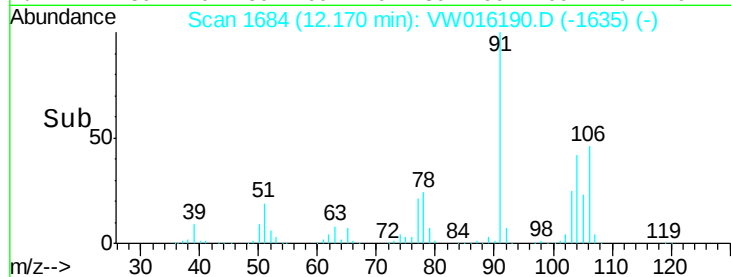
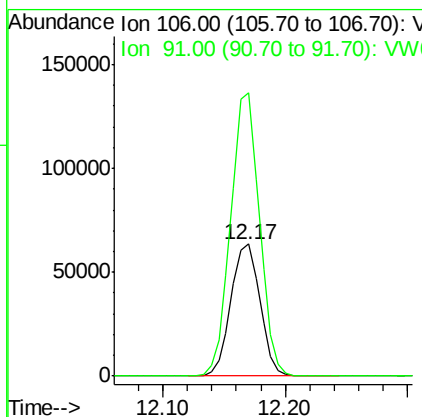
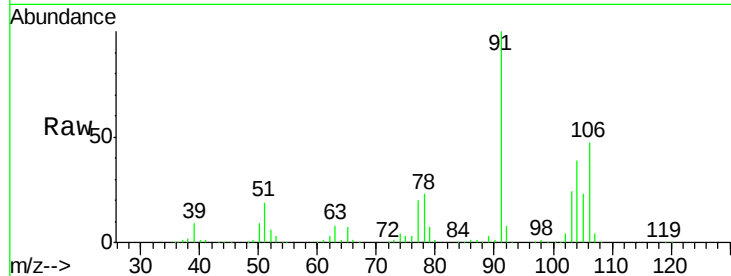
#69
o-Xylene
Concen: 20.446 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampled :
VW0814SBS01

Tot Ion:106 Resp: 104505
Ion Ratio Lower Upper
106 100
91 212.1 106.0 317.9

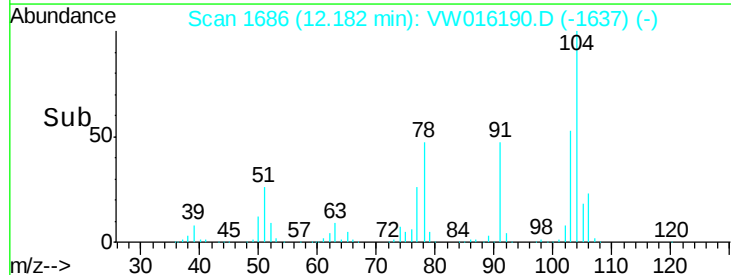
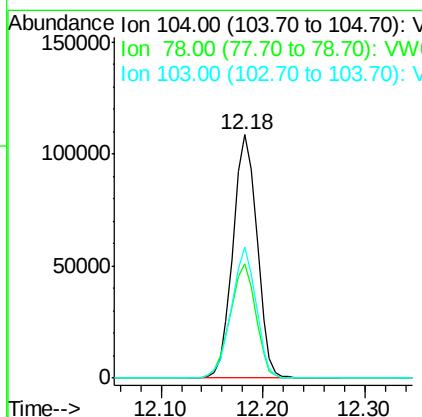
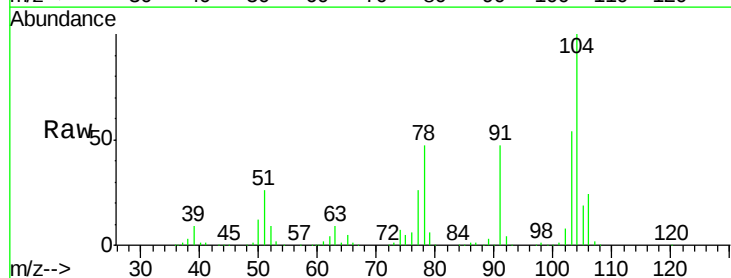
Manual Integrations
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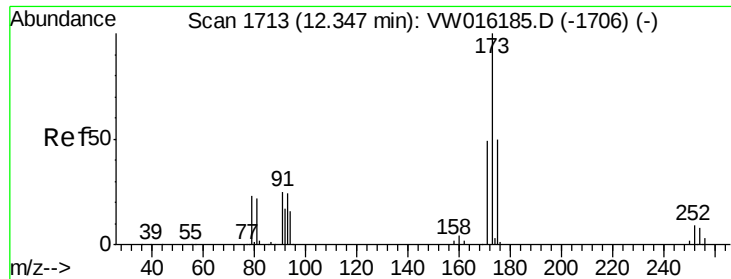
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#70
Styrene
Concen: 20.099 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion:104 Resp: 177770
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 54.8 42.9 64.3





#71

Bromoform

Concen: 20.498 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion:173 Resp: 26632

Ion Ratio Lower Upper

173 100

175 47.2 24.7 74.1

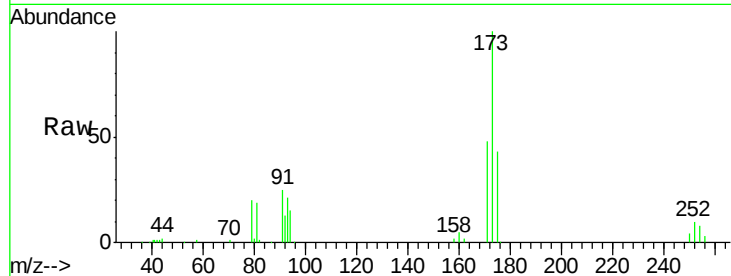
254 0.0 0.0 0.0

Manual Integrations

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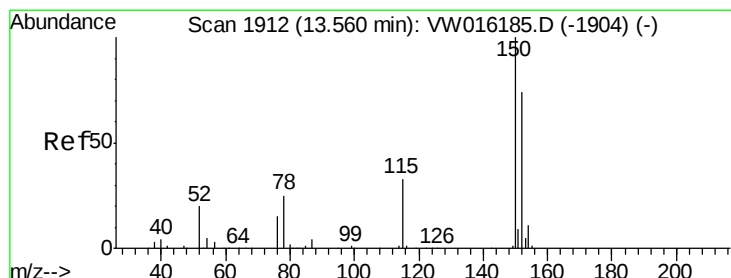
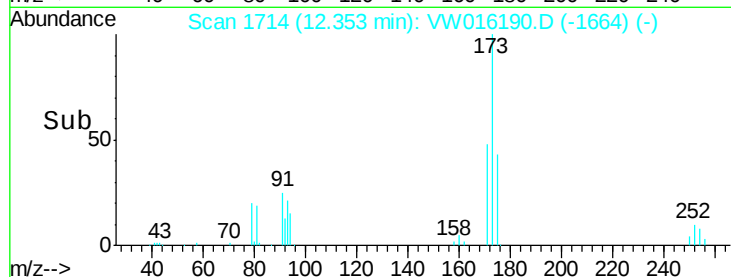
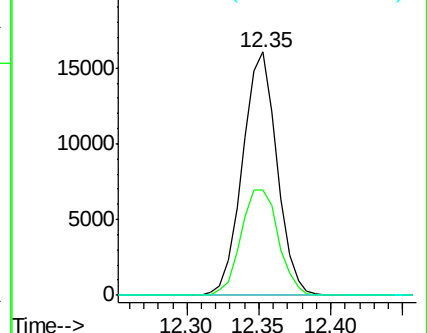
8/17/2020 5:46:36 PM



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: VW016190.D

Acq: 14 Aug 2020 14:25

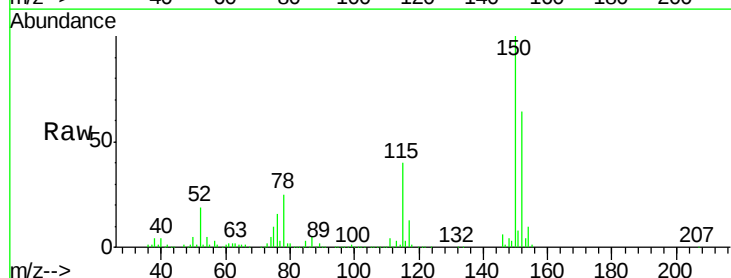
Tgt Ion:152 Resp: 197101

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.5

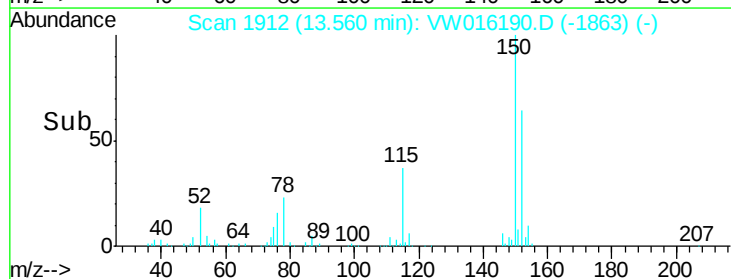
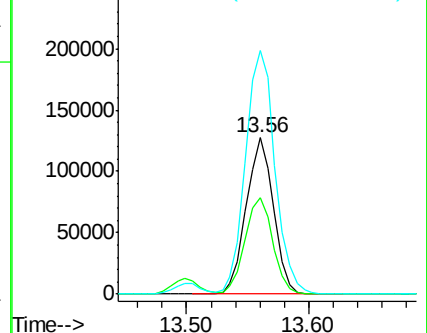
150 168.8 0.0 337.8

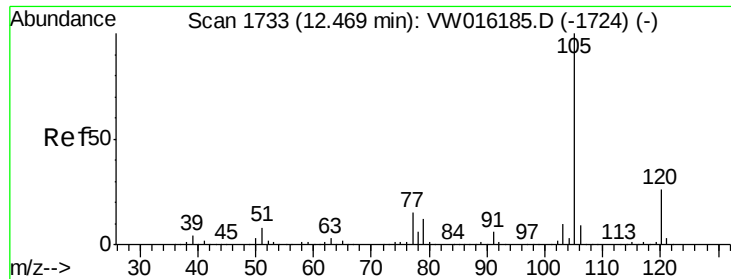


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.503 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 105 Resp: 292934

Ion Ratio Lower Upper

105 100

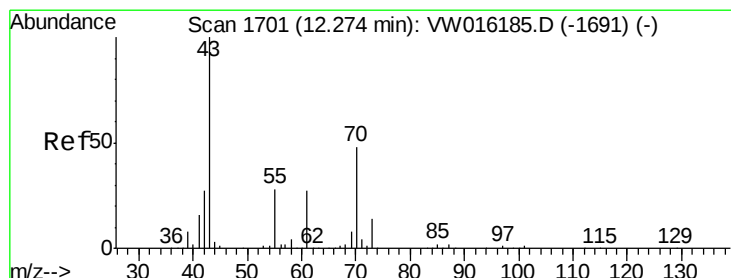
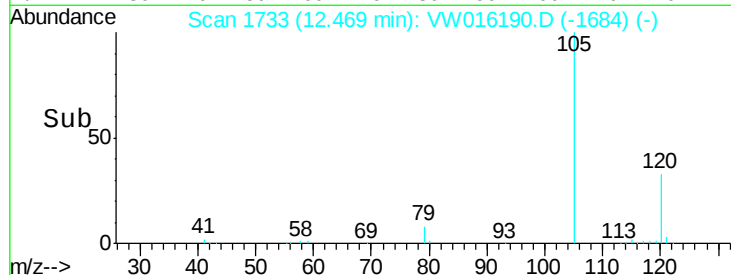
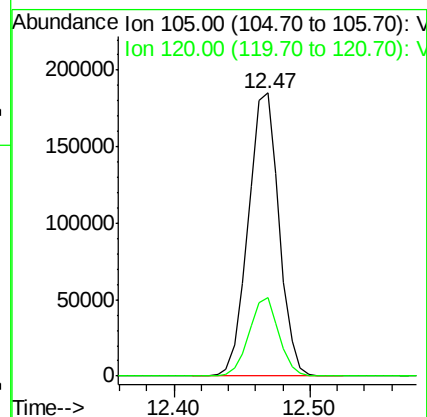
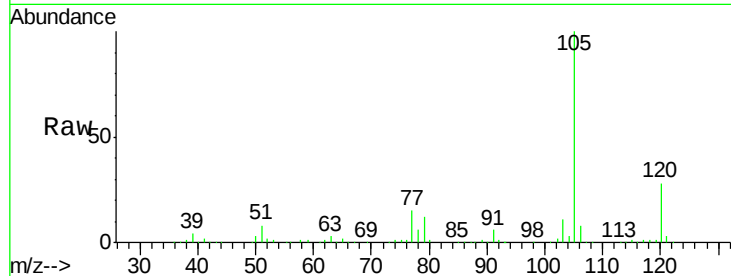
120 26.7 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.454 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion: 43 Resp: 55016

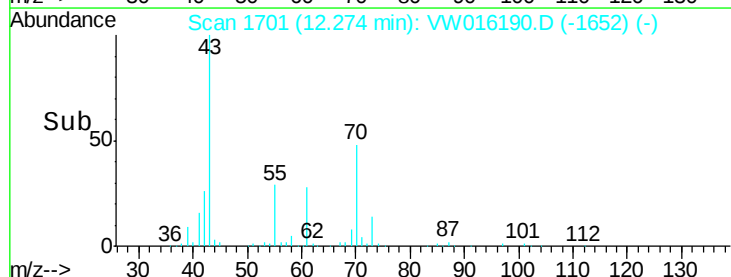
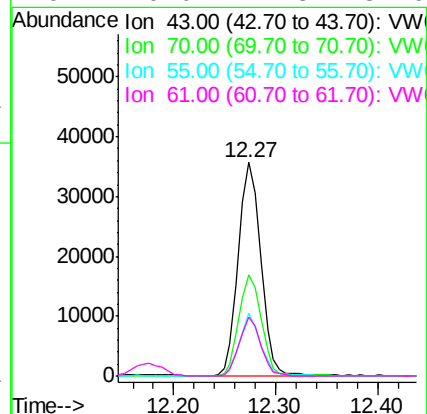
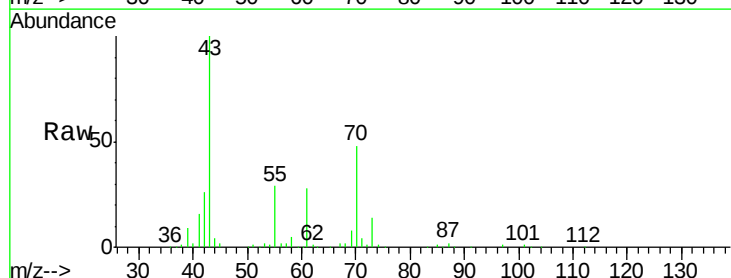
Ion Ratio Lower Upper

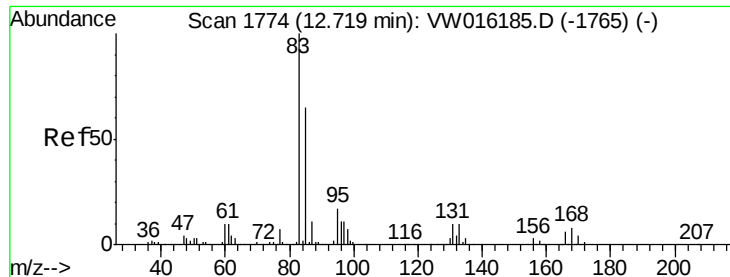
43 100

70 46.9 38.6 58.0

55 27.2 22.2 33.2

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.760 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

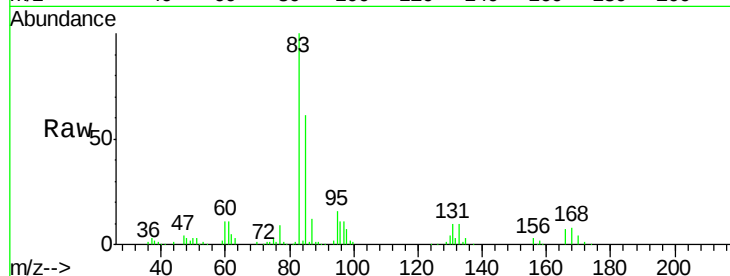
ClientSampled :

VW0814SBS01

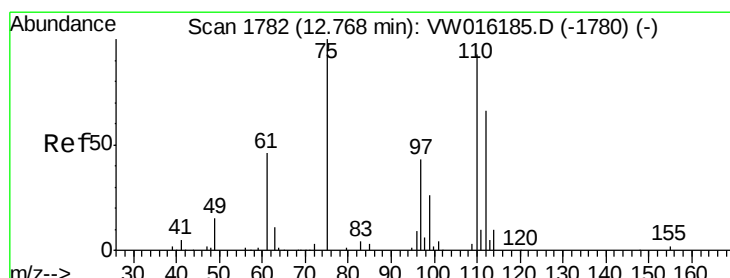
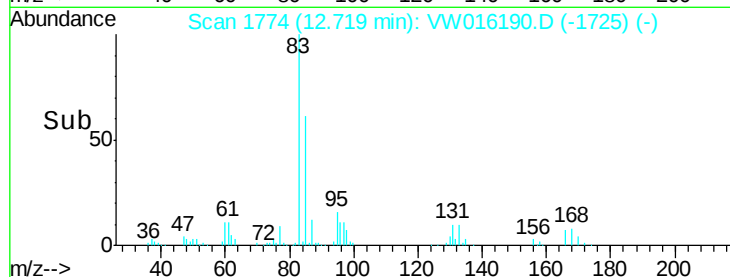
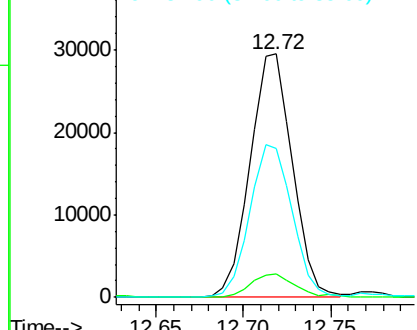
Tot Ion:	83	Resp:	49662
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.6	16.8
85	62.9	31.3	93.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.139 ug/l m

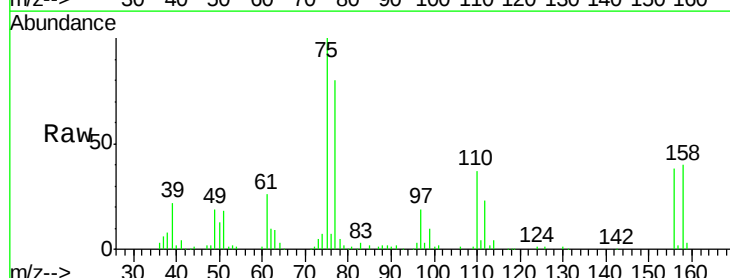
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

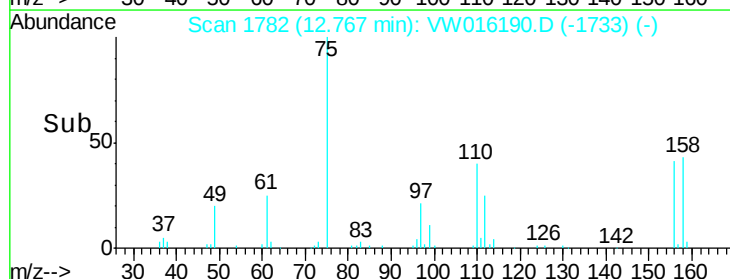
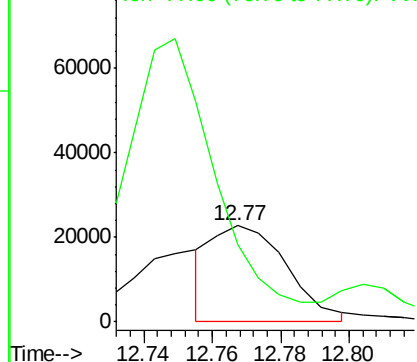
Lab File: VW016190.D

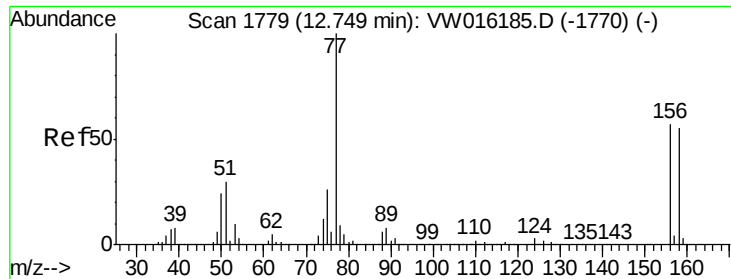
Acq: 14 Aug 2020 14:25

Tgt Ion:	75	Resp:	34693
Ion Ratio	Lower	Upper	
75	100		
77	356.9	173.6	520.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.246 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

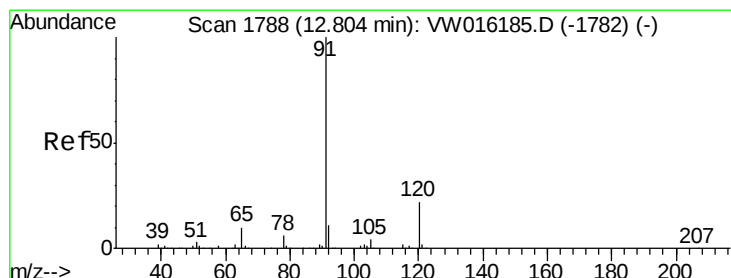
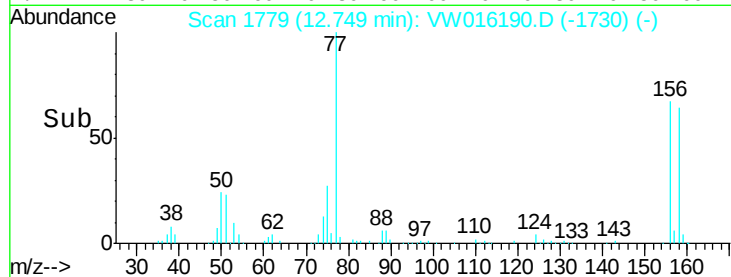
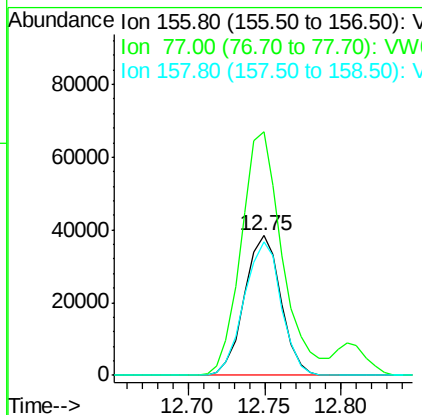
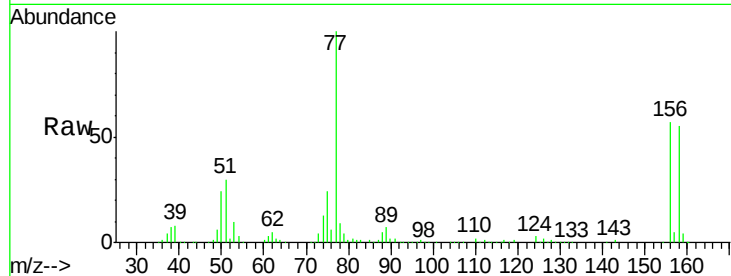
ClientSampleId :

VW0814SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		63939		
77	193.6		97.9	293.6	
158	96.5		49.0	147.2	

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#78

n-propylbenzene

Concen: 19.319 ug/l

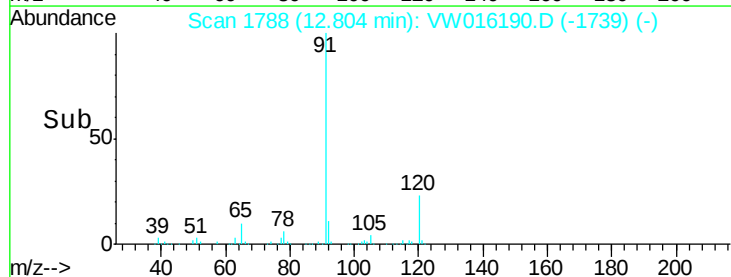
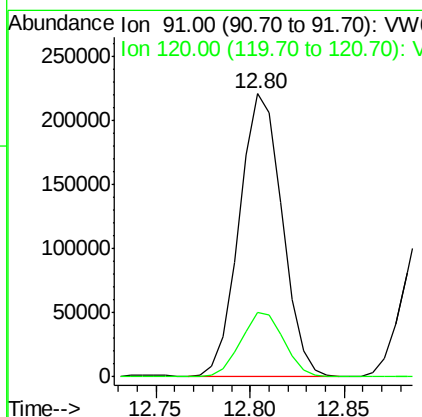
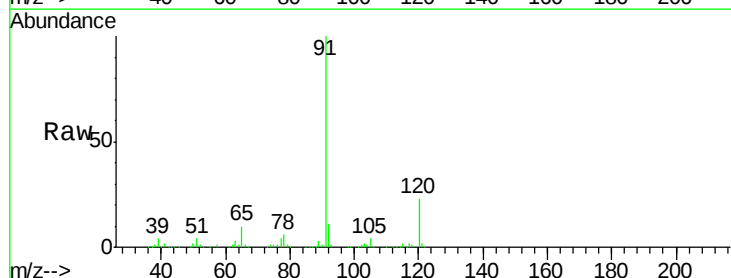
RT: 12.80 min Scan# 1788

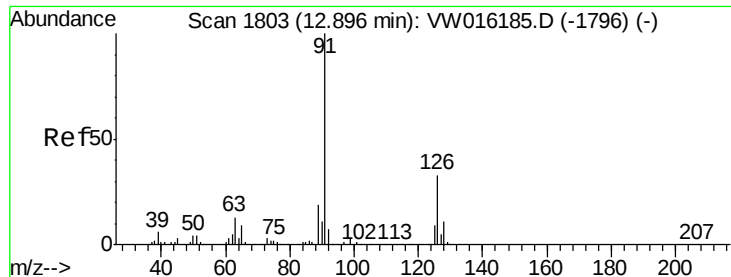
Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		346349		
120	23.0		11.6	34.7	





#79

2-Chlorotoluene

Concen: 19.330 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016190.D

Acq: 14 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

Tot Ion: 91 Resp: 200185

Ion Ratio Lower Upper

91 100

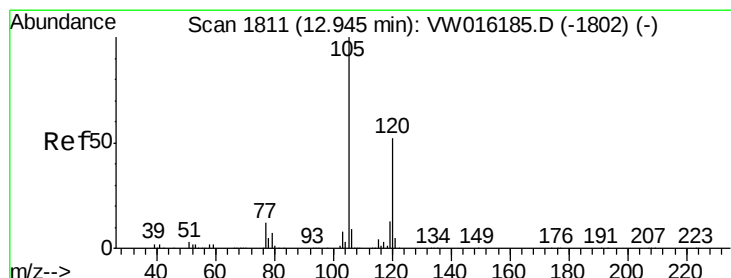
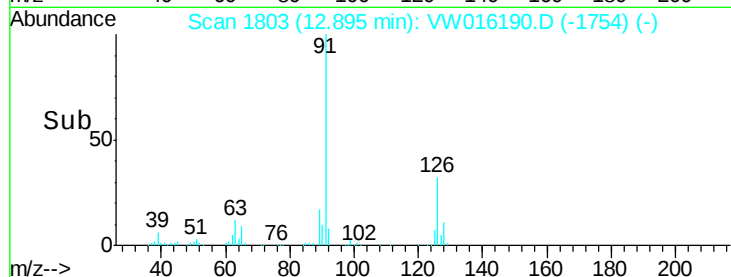
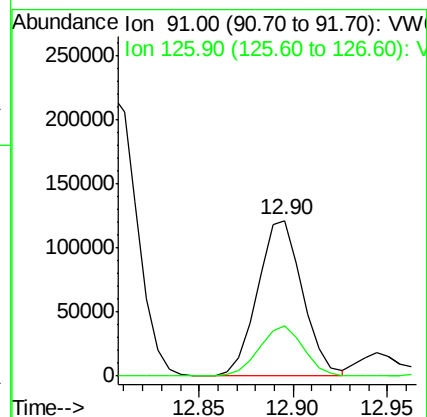
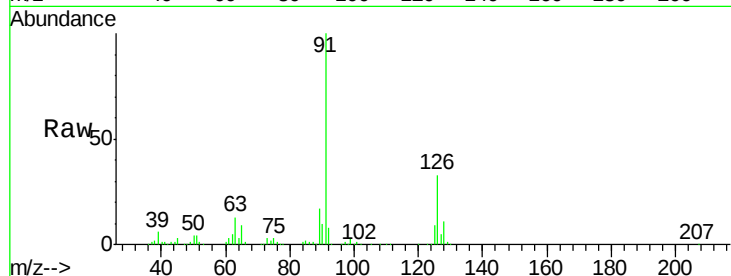
126 32.0 16.4 49.2

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#80

1,3,5-Trimethylbenzene

Concen: 19.600 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016190.D

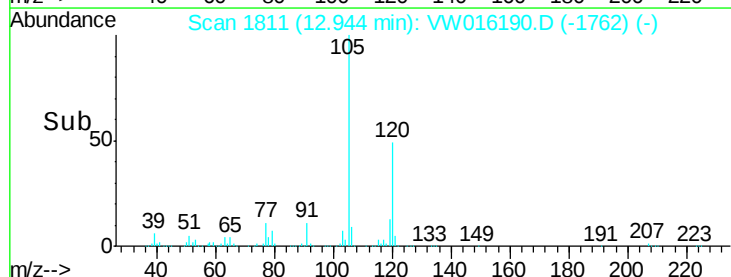
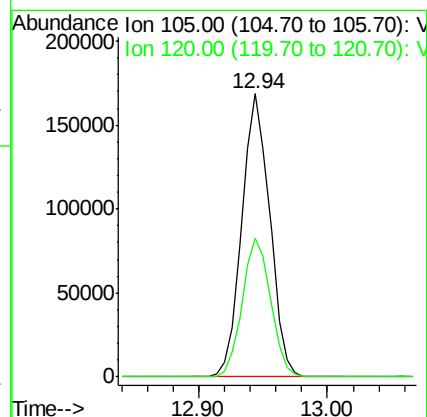
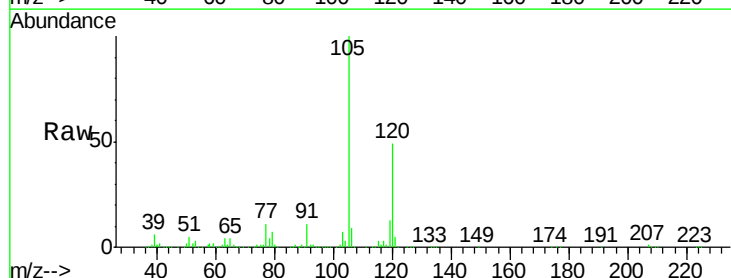
Acq: 14 Aug 2020 14:25

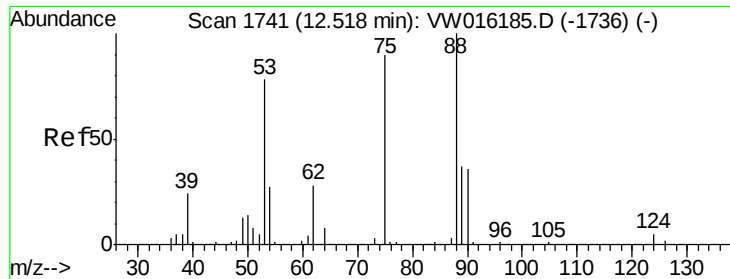
Tgt Ion:105 Resp: 252711

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2





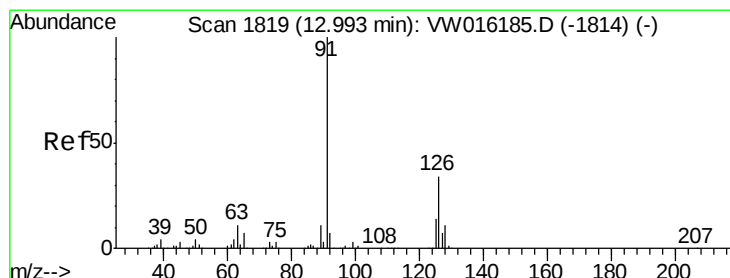
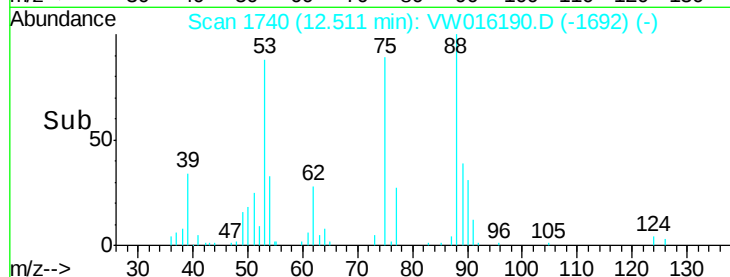
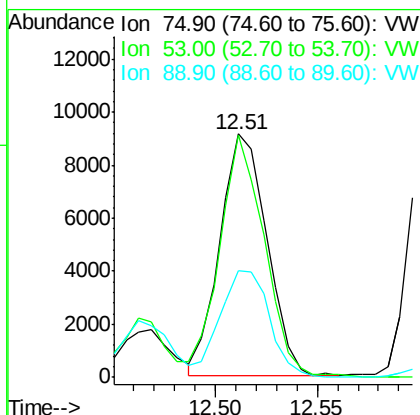
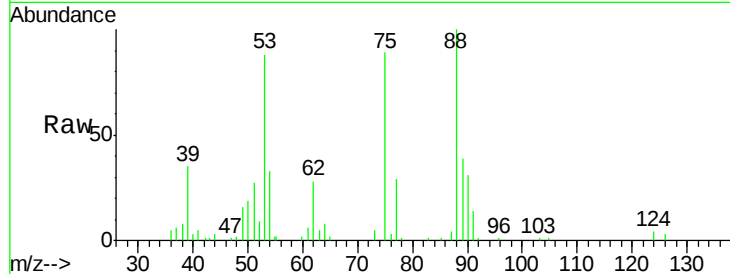
#81
trans-1,4-Dichloro-2-butene
Concen: 19.236 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	74.6	111.8
89	46.7	37.2	55.8

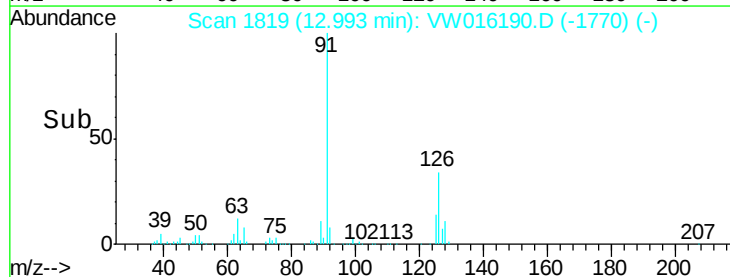
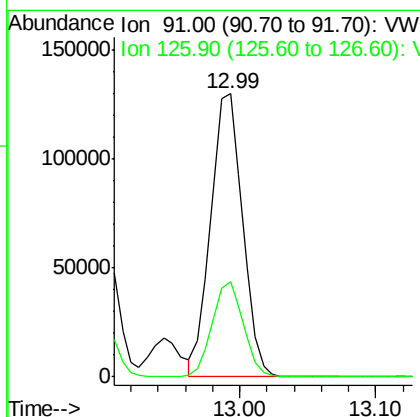
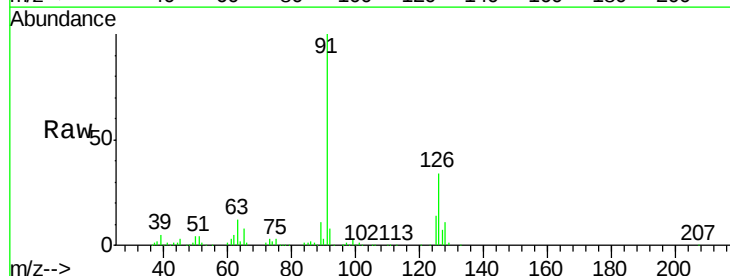
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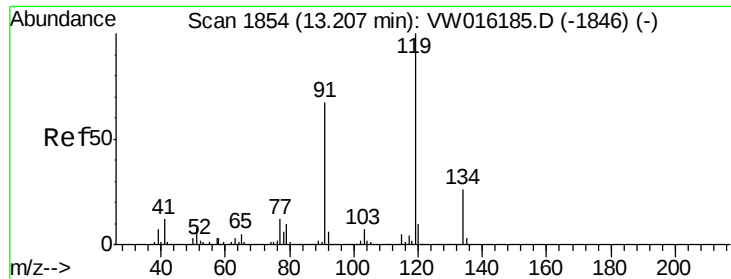
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#82
4-Chlorotoluene
Concen: 19.493 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.6	49.8





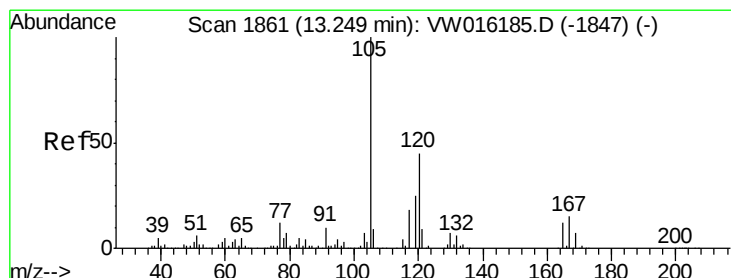
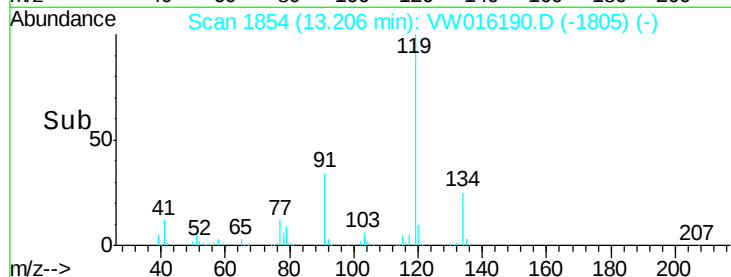
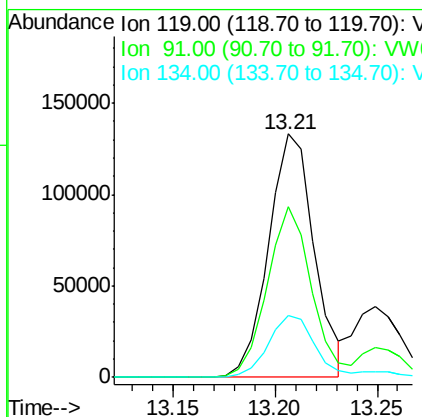
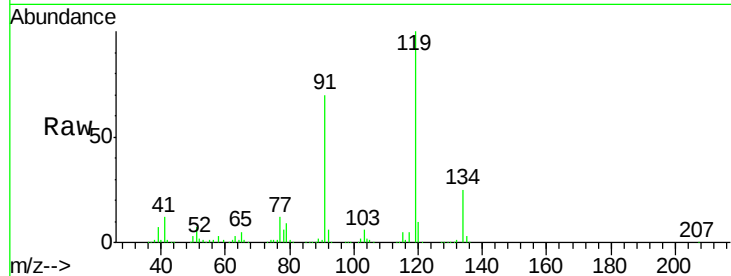
#83
tert-Butylbenzene
Concen: 19.696 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208128		
91	68.2		33.3	99.9
134	25.6		13.5	40.5

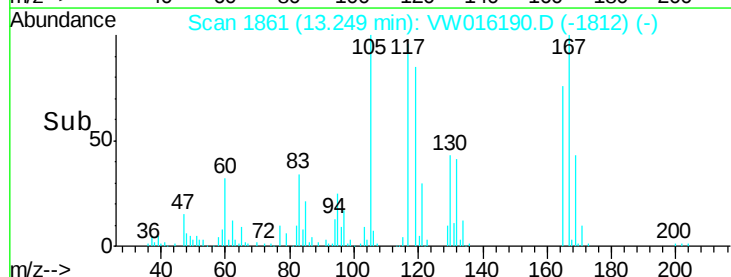
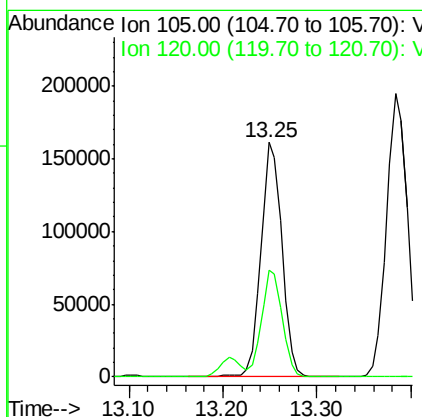
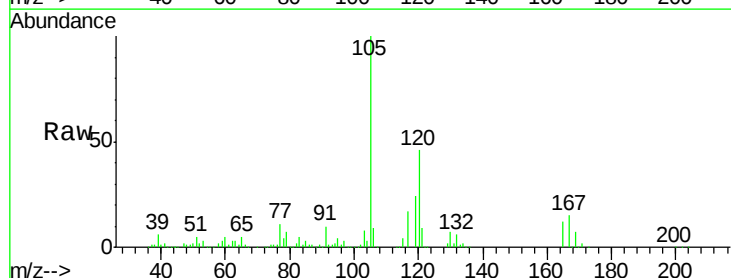
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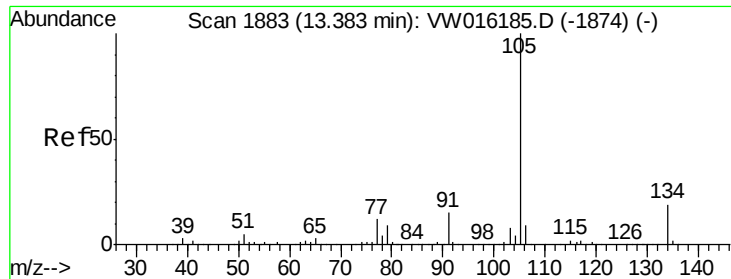
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.970 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254787		
120	44.8		22.2	66.6





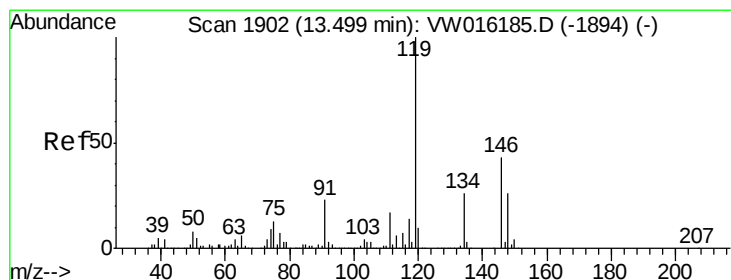
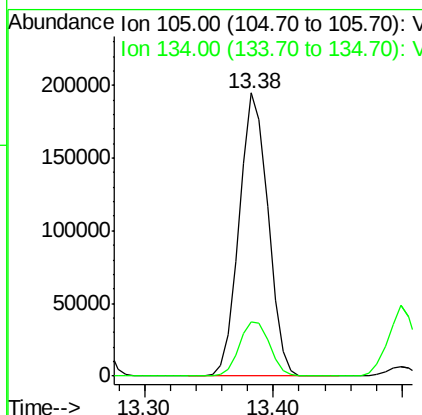
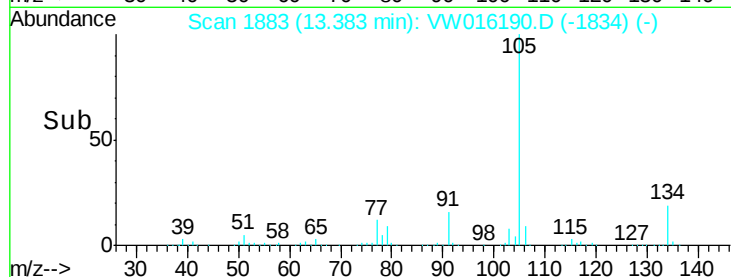
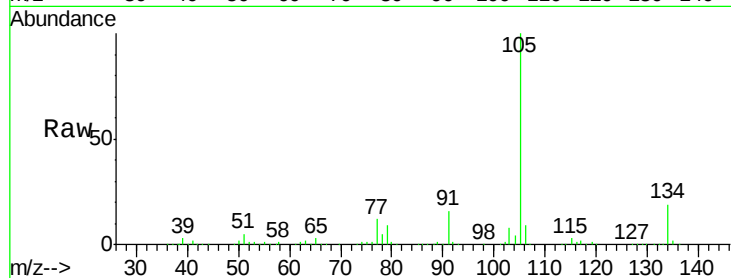
#85
 sec-Butylbenzene
 Concen: 19.665 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

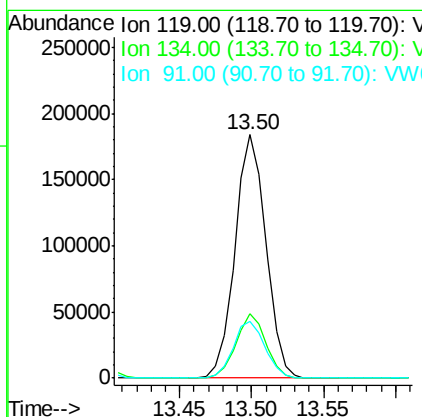
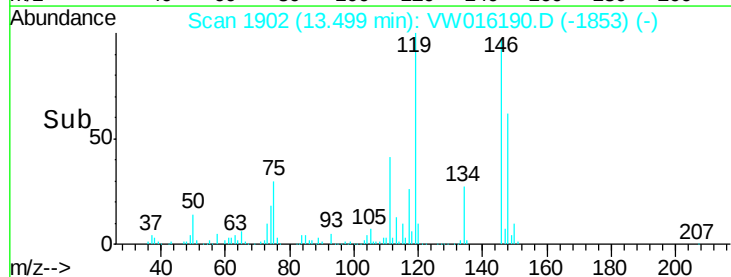
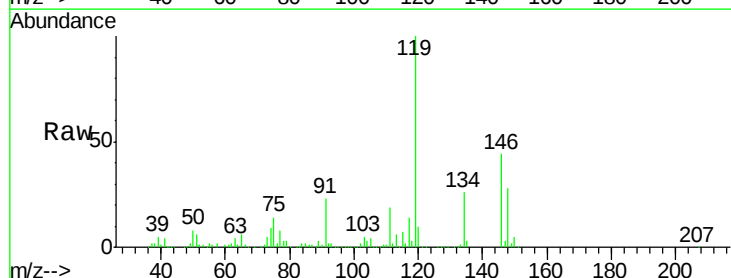
Manual Integrations
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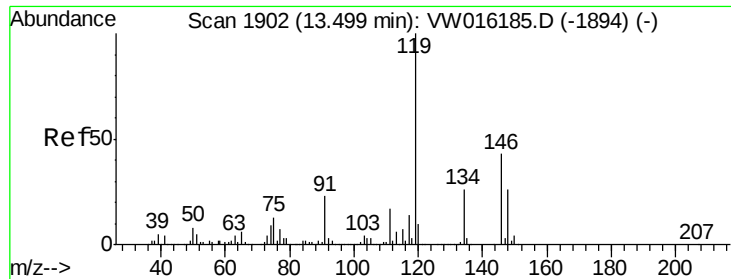
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#86
 p-Isopropyltoluene
 Concen: 19.786 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	23.8	11.8	35.3





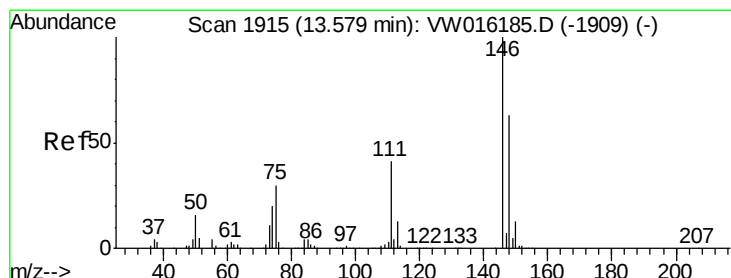
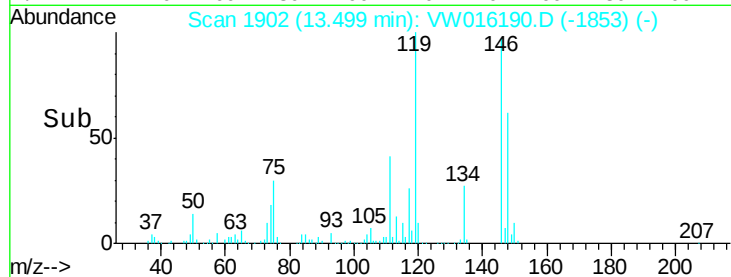
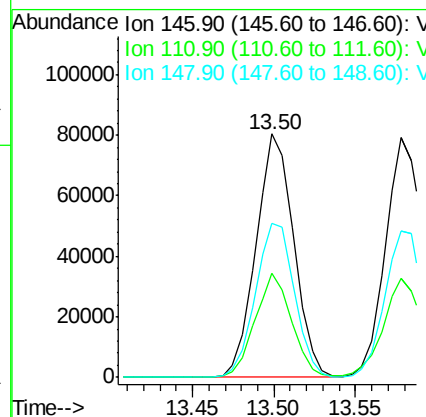
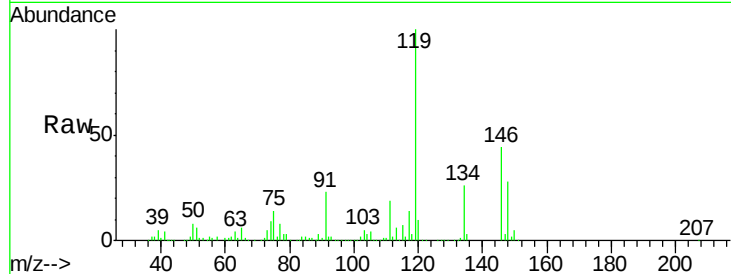
#87
 1,3-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129299		
111	41.4	20.8	62.5	
148	65.1	31.1	93.5	

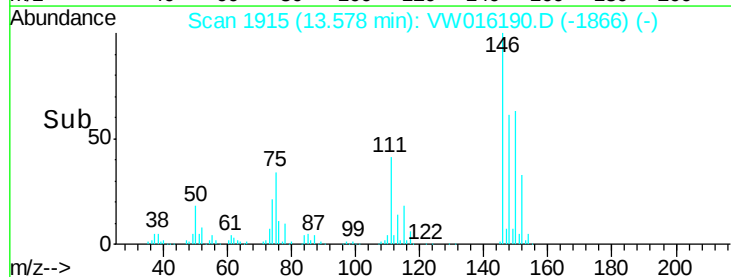
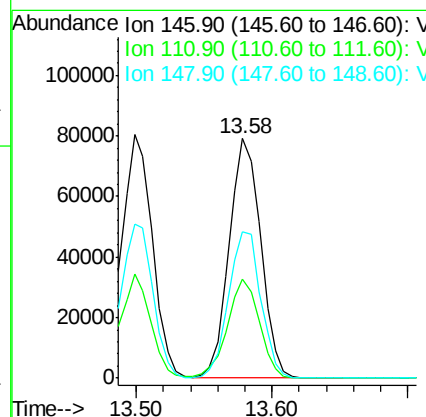
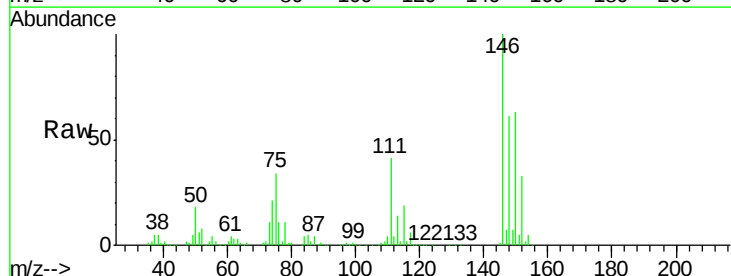
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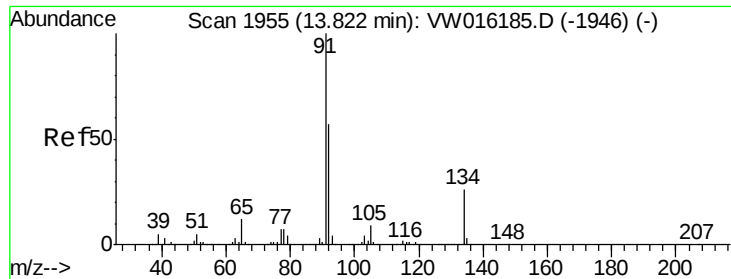
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#88
 1,4-Dichlorobenzene
 Concen: 19.480 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	127619		
111	42.2	20.8	62.2	
148	62.8	32.1	96.3	





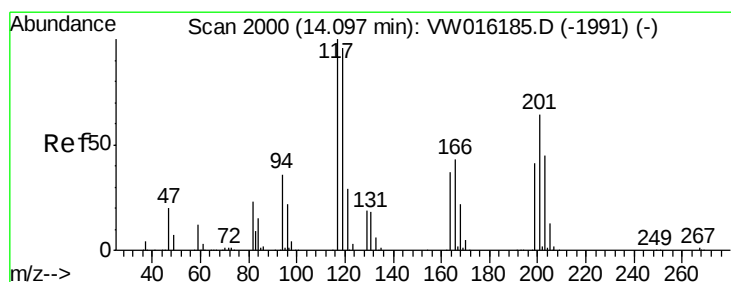
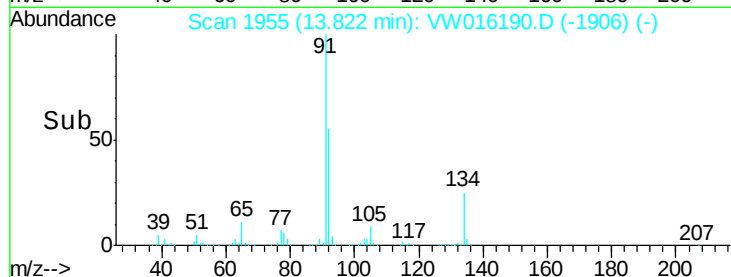
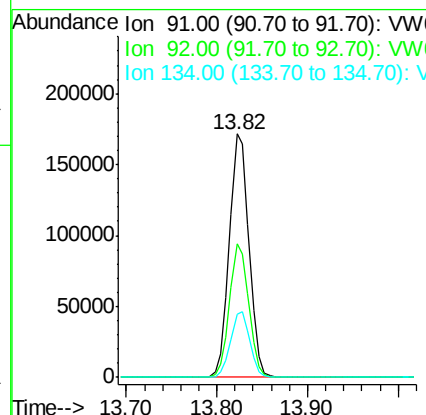
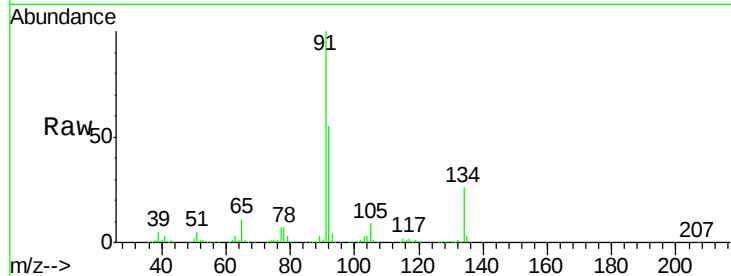
#89
n-Butylbenzene
Concen: 20.034 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	257448		
92	53.7		27.4	82.2
134	26.4		13.0	39.0

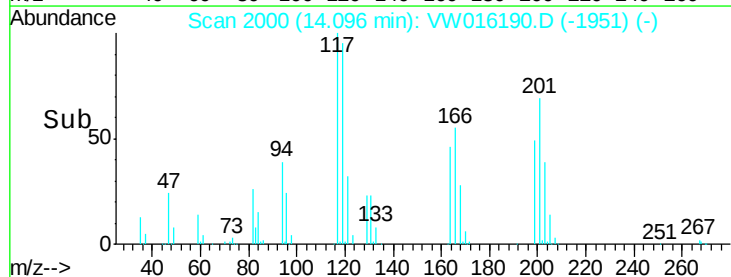
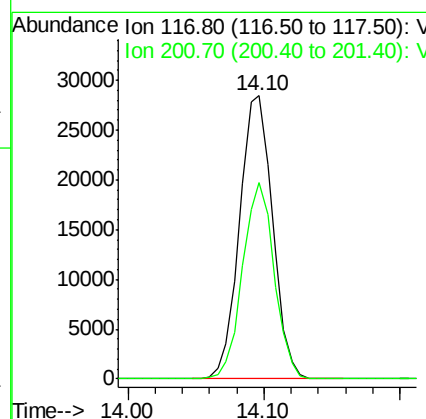
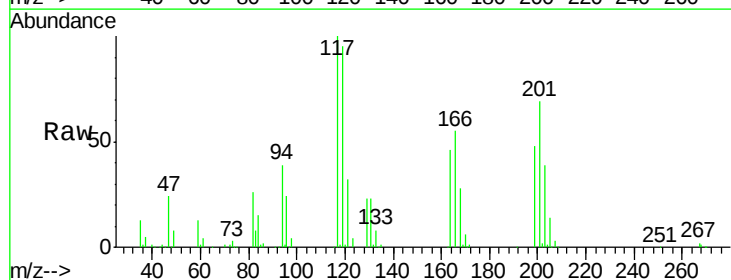
Manual Integrations
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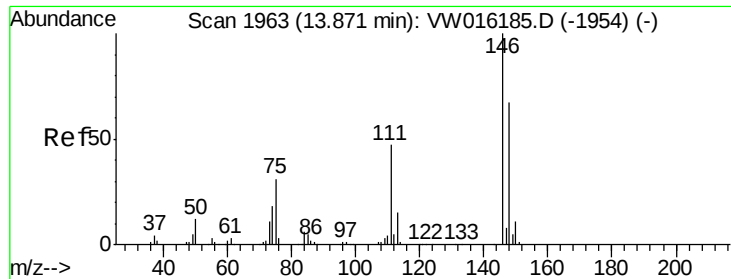
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#90
Hexachloroethane
Concen: 18.607 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48236		
201	66.3		33.8	101.3





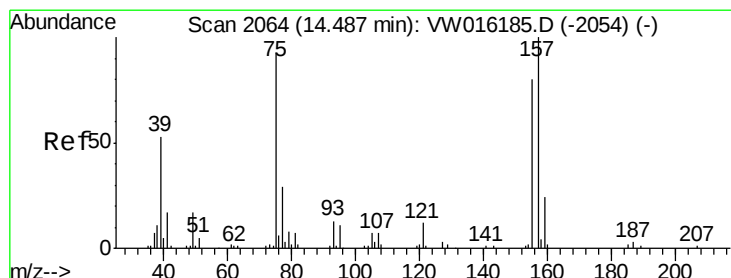
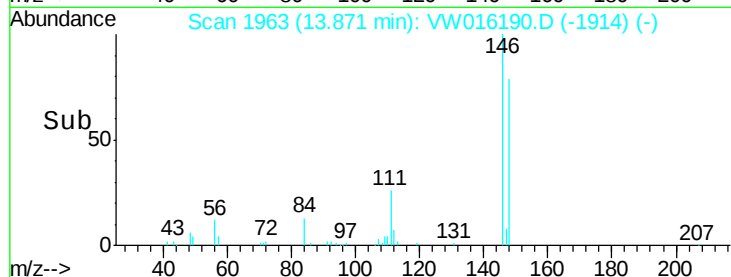
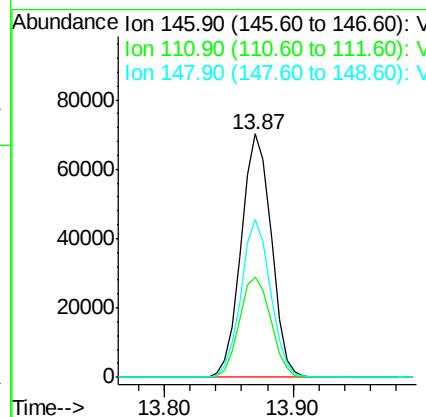
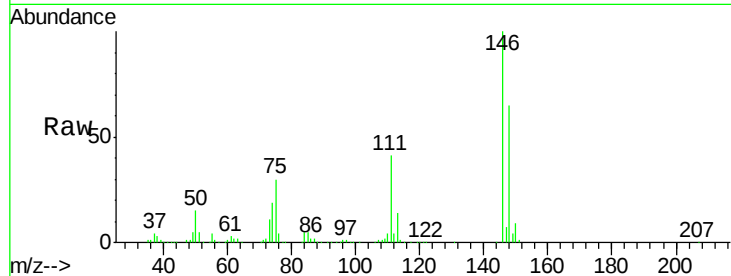
#91
 1,2-Dichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113838		
111	43.1	21.9	65.8	
148	63.5	32.1	96.3	

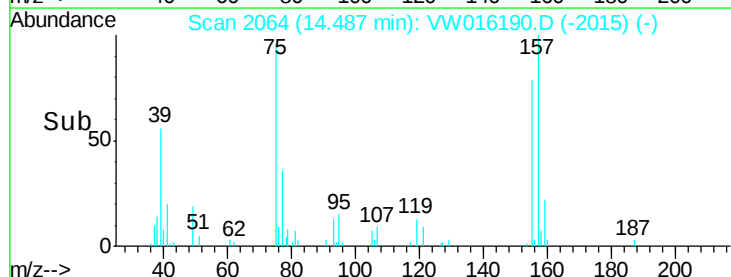
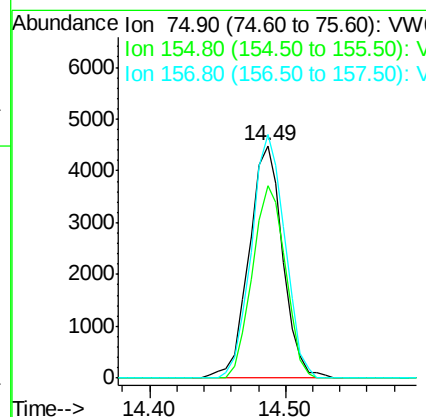
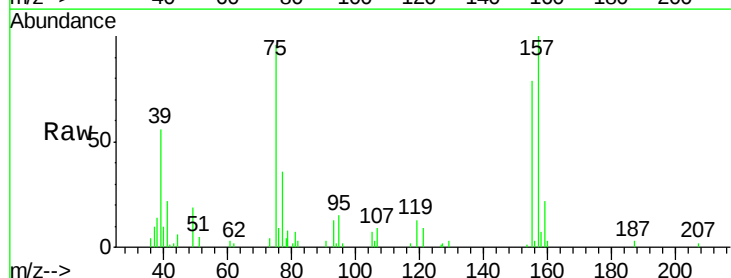
Manual Integrations
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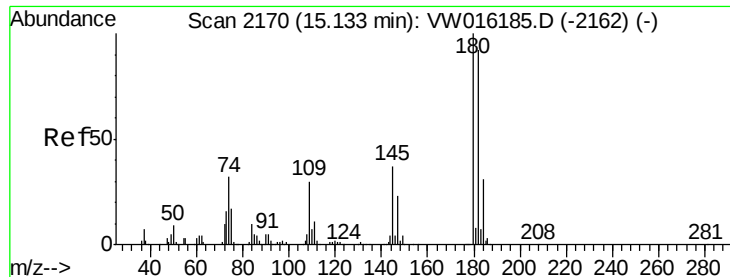
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.171 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7793		
155	81.0	41.3	124.1	
157	104.2	53.0	159.0	





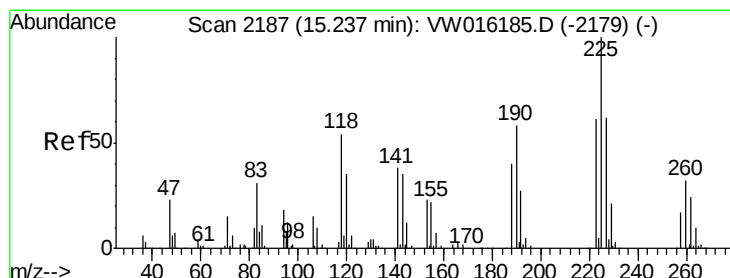
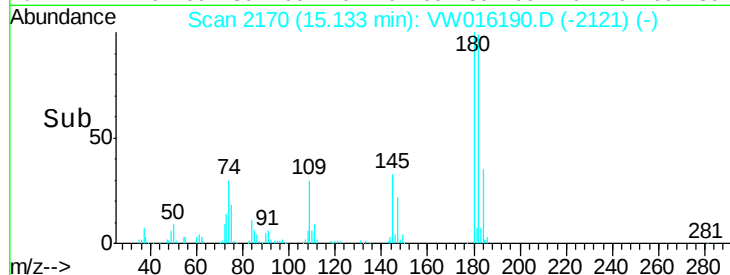
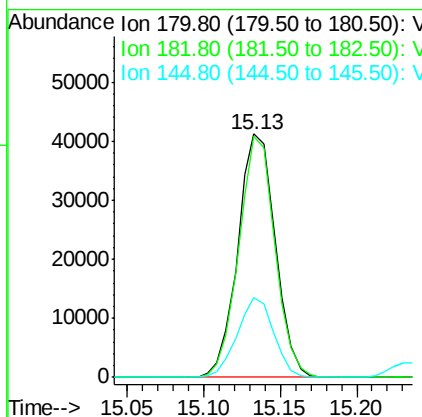
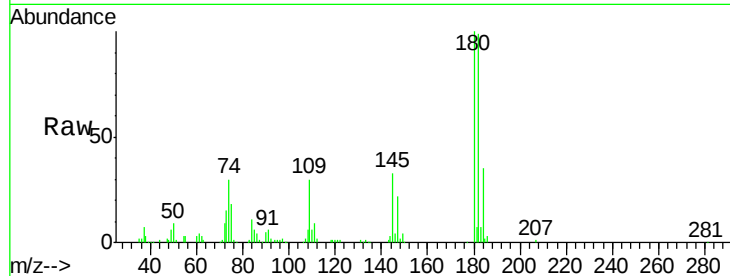
#93
 1,2,4-Trichlorobenzene
 Concen: 20.209 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69901		
182	96.0	46.0	138.0	
145	32.0	16.9	50.7	

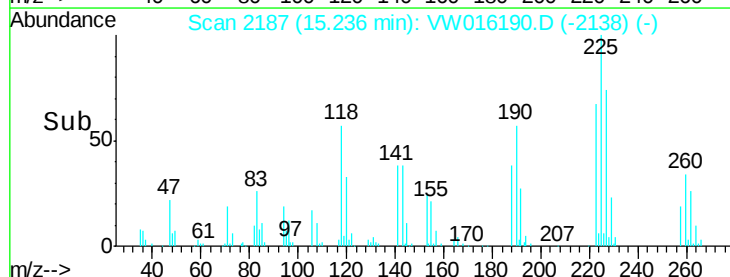
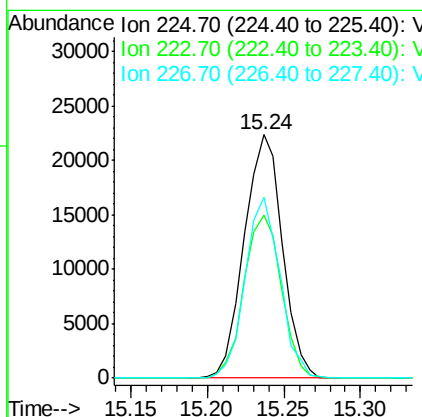
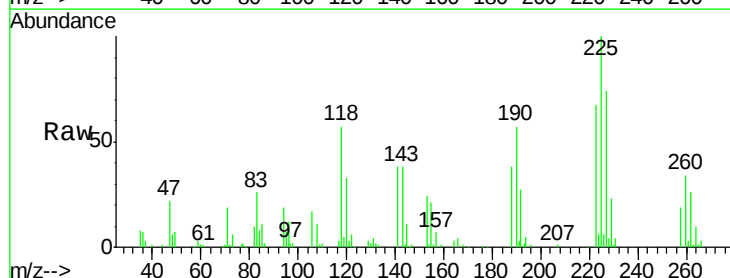
Manual Integrations
 APPROVED

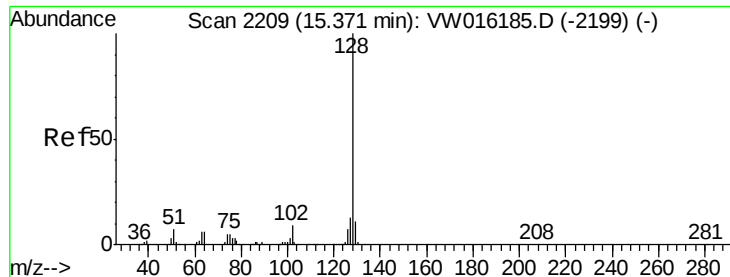
MMDadoda
 8/17/2020 5:46:36 PM



#94
 Hexachlorobutadiene
 Concen: 18.866 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016190.D
 Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38798		
223	65.8	33.0	99.0	
227	68.1	32.0	96.2	





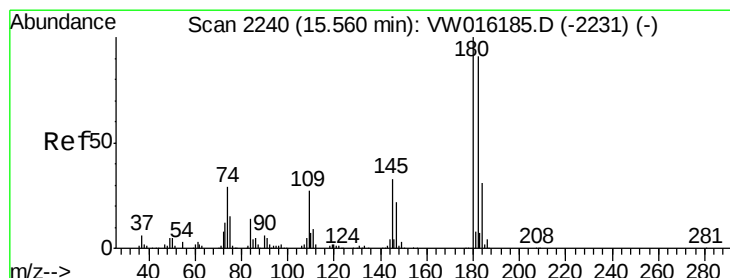
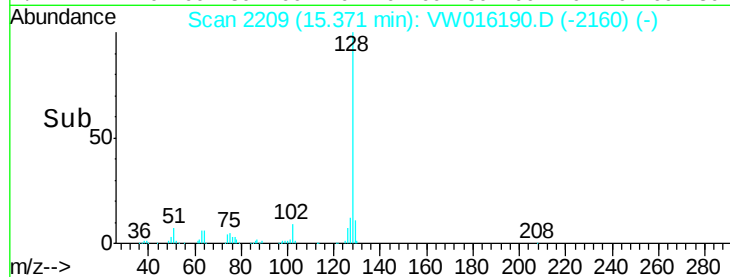
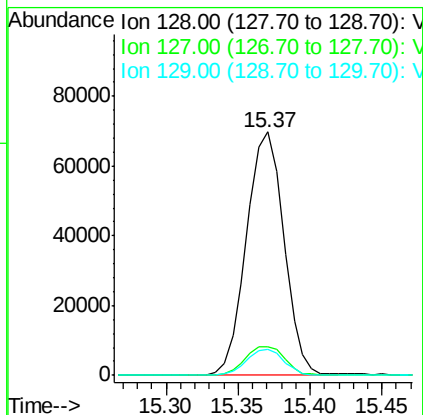
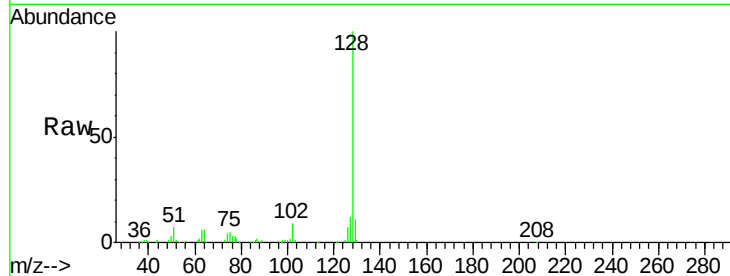
#95
Naphthalene
Concen: 19.702 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	125953		
127	12.8		10.2	15.4
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:46:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.108 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016190.D
Acq: 14 Aug 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59730		
182	94.6		47.7	143.1
145	36.8		17.4	52.3

