

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016278.D
 Acq On : 20 Aug 2020 23:05
 Operator : SY/VA
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:25:53 AM

Quant Time: Aug 21 04:08:34 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	209900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	109092	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
35) Dibromofluoromethane	7.89	113	110637	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	10.32	98	430675	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	158466	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26872	18.826	ug/l	97
3) Chloromethane	2.21	50	28692	18.879	ug/l	99
4) Vinyl Chloride	2.37	62	38299	18.005	ug/l	99
5) Bromomethane	2.78	94	27780	21.004	ug/l	95
6) Chloroethane	2.92	64	23933	19.923	ug/l	92
7) Trichlorofluoromethane	3.26	101	36162	20.999	ug/l	94
8) Diethyl Ether	3.68	74	21970	20.330	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44165	19.558	ug/l	99
10) Methyl Iodide	4.28	142	66501	20.381	ug/l	99
11) Tert butyl alcohol	5.16	59	17549	161.088	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	43892	19.100	ug/l	97
13) Acrolein	3.89	56	14221	90.369	ug/l	93
14) Allyl chloride	4.67	41	58289	18.931	ug/l	99
15) Acrylonitrile	5.37	53	44437	109.129	ug/l	98
16) Acetone	4.12	43	36302	92.576	ug/l	100
17) Carbon Disulfide	4.38	76	126388	18.731	ug/l	99
18) Methyl Acetate	4.67	43	23042	25.234	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	63159	22.321	ug/l	98
20) Methylene Chloride	4.92	84	76971	29.581	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	49078	19.612	ug/l	97
22) Diisopropyl ether	6.31	45	118083	20.343	ug/l	98
23) Vinyl Acetate	6.26	43	327958	98.673	ug/l	100
24) 1,1-Dichloroethane	6.22	63	79064	19.516	ug/l	99
25) 2-Butanone	7.17	43	55710	106.008	ug/l	98
26) 2,2-Dichloropropane	7.16	77	53108	20.294	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52844	20.458	ug/l	98
28) Bromochloromethane	7.51	49	29579	19.244	ug/l	94
29) Tetrahydrofuran	7.53	42	35008	111.441	ug/l	97
30) Chloroform	7.68	83	85949	20.419	ug/l	96
31) Cyclohexane	7.96	56	70223	18.798	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	73227	20.706	ug/l	100
36) 1,1-Dichloropropene	8.09	75	66688	19.359	ug/l	100
37) Ethyl Acetate	7.26	43	23947	20.275	ug/l	98
38) Carbon Tetrachloride	8.07	117	69409	20.190	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78561	18.933	ug/l	96
40) Benzene	8.32	78	189420	19.546	ug/l	100
41) Methacrylonitrile	7.49	41	14734	21.858	ug/l	97
42) 1,2-Dichloroethane	8.40	62	53570	20.930	ug/l	98
43) Isopropyl Acetate	8.42	43	45629	20.535	ug/l	99
44) Trichloroethene	9.09	130	53189	19.379	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45162	19.769	ug/l	95
46) Dibromomethane	9.46	93	25143	20.964	ug/l	95
47) Bromodichloromethane	9.65	83	62814	20.271	ug/l	99
48) Methyl methacrylate	9.44	41	21402	20.719	ug/l	96
49) 1,4-Dioxane	9.45	88	7797	516.289	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	121281	107.917	ug/l	99
52) Toluene	10.39	92	123882	19.963	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	58024	20.224	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72024	20.198	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36973	21.485	ug/l	99
56) Ethyl methacrylate	10.65	69	42418	21.615	ug/l	99
57) 1,3-Dichloropropane	10.93	76	60729	20.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91773	102.569	ug/l	98
59) 2-Hexanone	10.97	43	81482	105.982	ug/l	99
60) Dibromochloromethane	11.13	129	43387	21.194	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35968	21.712	ug/l	99
64) Tetrachloroethene	10.87	164	43347	20.232	ug/l	92
65) Chlorobenzene	11.66	112	132481	19.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47643	20.366	ug/l	99
67) Ethyl Benzene	11.73	91	234797	19.521	ug/l	99
68) m/p-Xylenes	11.84	106	184969	40.008	ug/l	98
69) o-Xylene	12.17	106	83005	20.152	ug/l	98
70) Styrene	12.18	104	144509	20.275	ug/l	99
71) Bromoform	12.35	173	23243	22.200	ug/l #	97
73) Isopropylbenzene	12.47	105	226045	18.731	ug/l	99
74) N-amyl acetate	12.27	43	41275	19.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41347	20.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28018m	19.237	ug/l	
77) Bromobenzene	12.75	156	52573	19.696	ug/l	95
78) n-propylbenzene	12.80	91	272607	18.925	ug/l	100
79) 2-Chlorotoluene	12.90	91	161963	19.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204156	19.707	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11161	18.381	ug/l	97
82) 4-Chlorotoluene	12.99	91	167835	19.374	ug/l	99
83) tert-Butylbenzene	13.21	119	165725	19.519	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	202714	19.774	ug/l	97
85) sec-Butylbenzene	13.38	105	237754	19.267	ug/l	99
86) p-Isopropyltoluene	13.50	119	217176	19.458	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105280	19.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104916	19.931	ug/l	98
89) n-Butylbenzene	13.82	91	193778	18.767	ug/l	99
90) Hexachloroethane	14.10	117	40988	19.678	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	95820	20.560	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6885	22.180	ug/l	97

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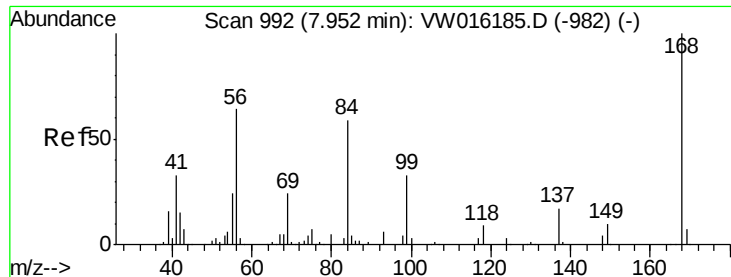
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57697	20.760	ug/l	98
94) Hexachlorobutadiene	15.24	225	34984	21.172	ug/l	94
95) Naphthalene	15.36	128	102441	19.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49954	20.930	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion:168 Resp: 209900

Ion Ratio Lower Upper

168 100

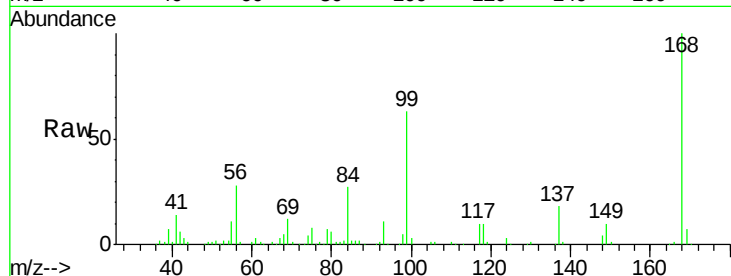
99 62.8 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

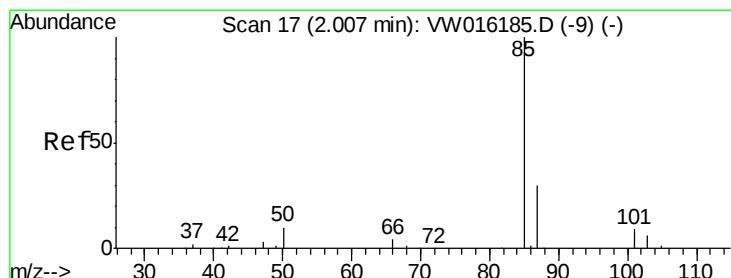
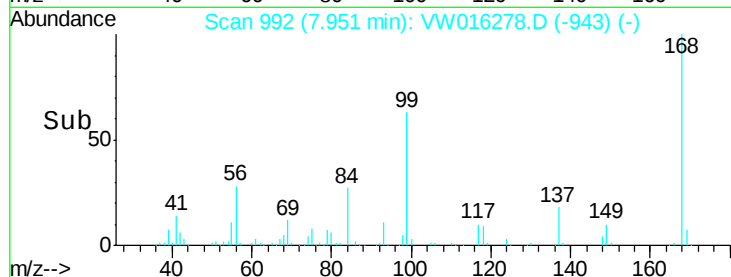
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.826 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016278.D

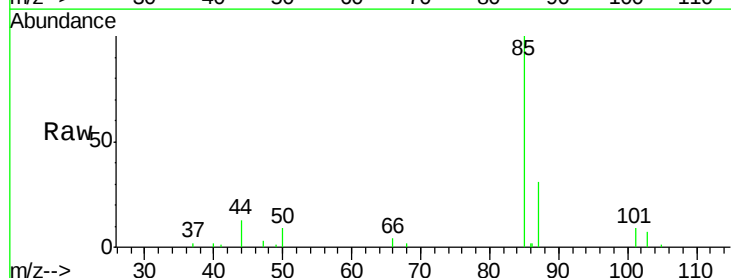
Acq: 20 Aug 2020 23:05

Tgt Ion: 85 Resp: 26872

Ion Ratio Lower Upper

85 100

87 31.3 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

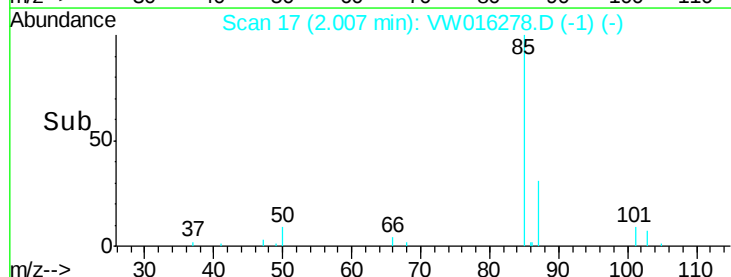
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 18.879 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 50 Resp: 28692

Ion Ratio Lower Upper

50 100

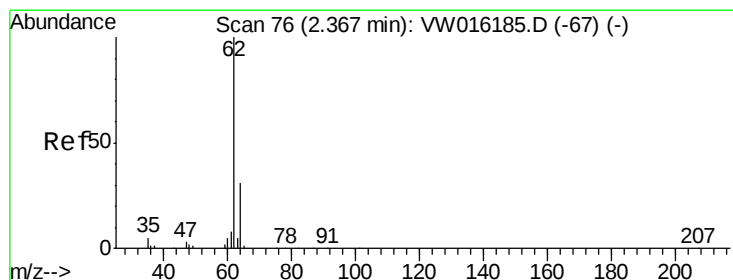
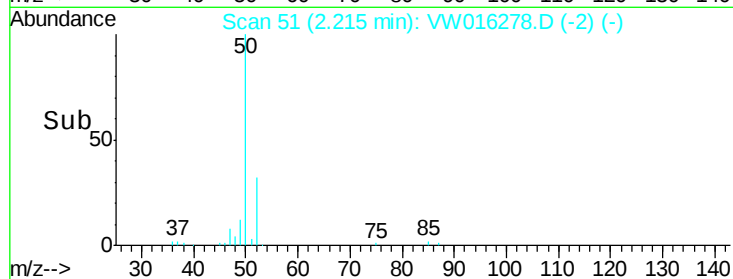
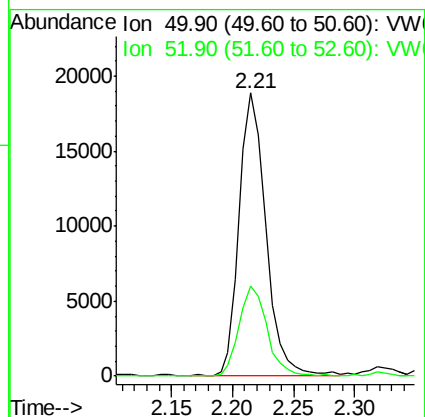
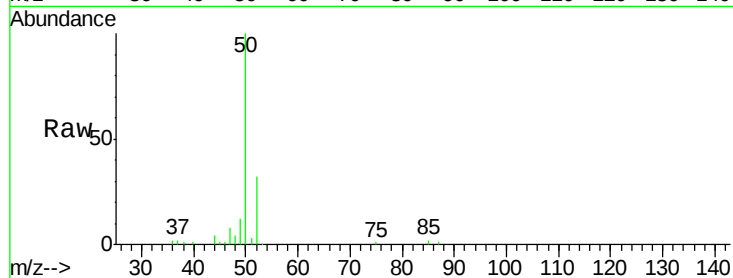
52 32.0 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.005 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016278.D

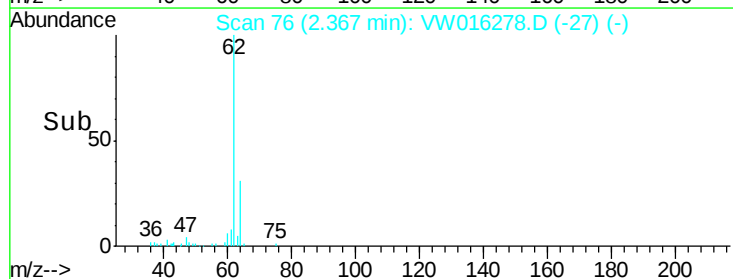
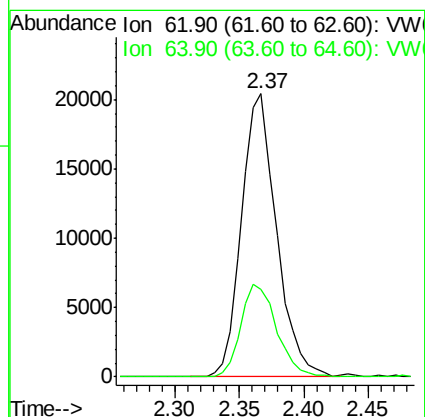
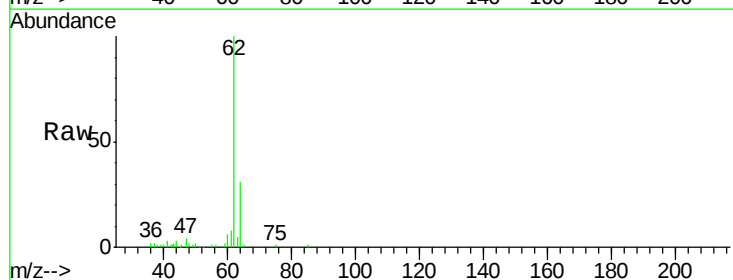
Acq: 20 Aug 2020 23:05

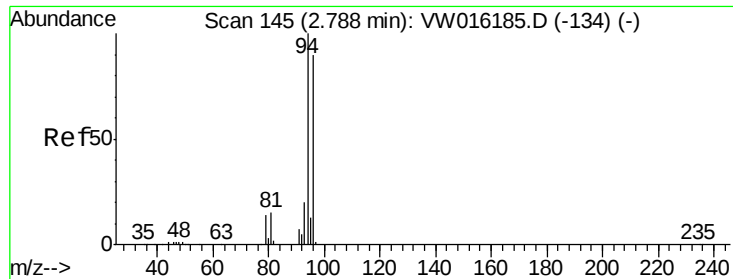
Tgt Ion: 62 Resp: 38299

Ion Ratio Lower Upper

62 100

64 31.0 24.5 36.7





#5

Bromomethane

Concen: 21.004 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

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ClientSampleId :

VW0821SBS01

Tot Ion: 94 Resp: 27780

Ion Ratio Lower Upper

94 100

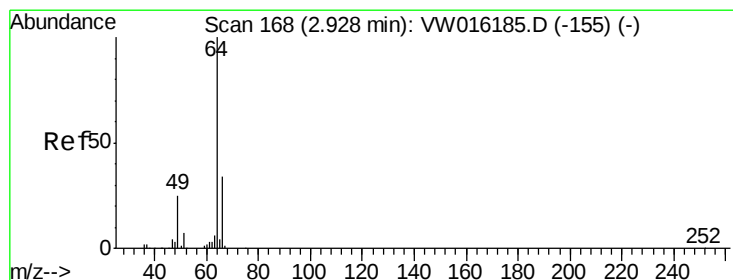
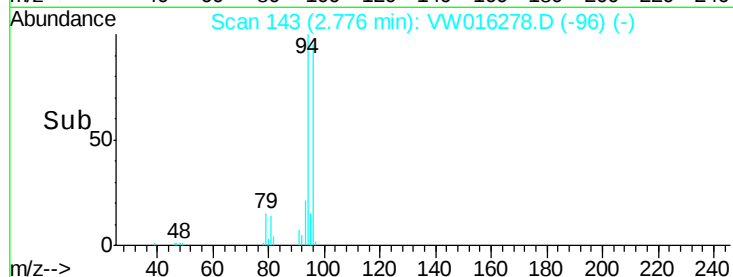
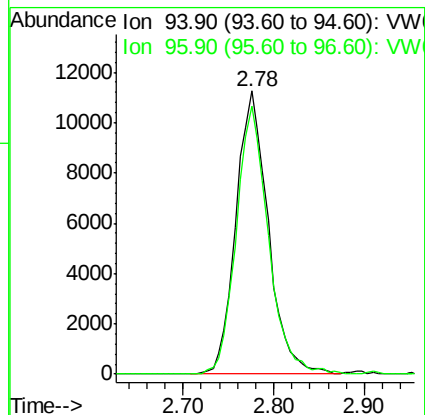
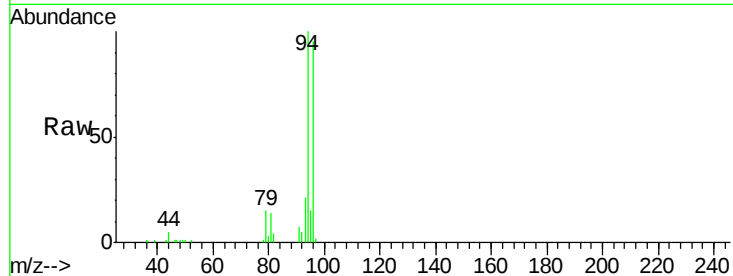
96 94.7 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 19.923 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016278.D

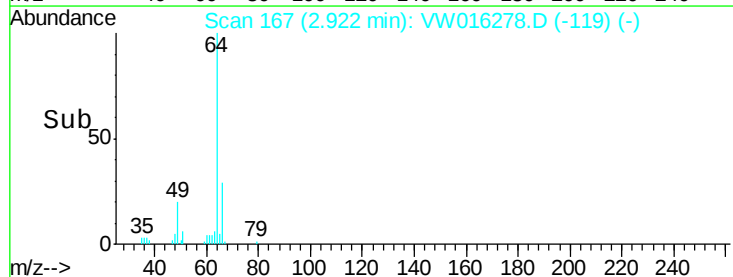
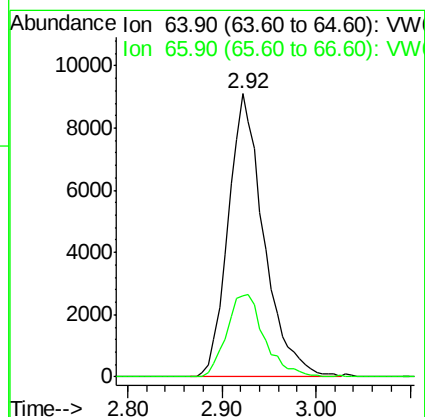
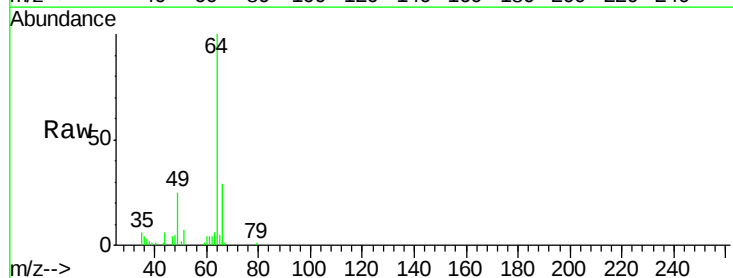
Acq: 20 Aug 2020 23:05

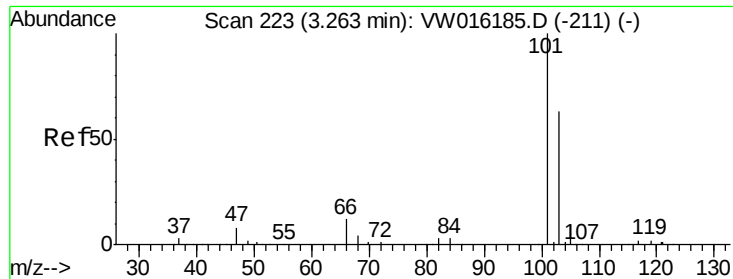
Tgt Ion: 64 Resp: 23933

Ion Ratio Lower Upper

64 100

66 28.8 26.9 40.3





#7

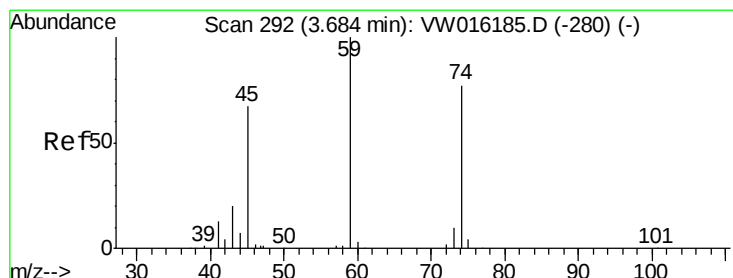
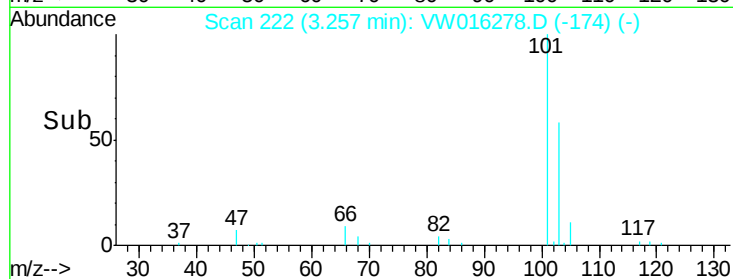
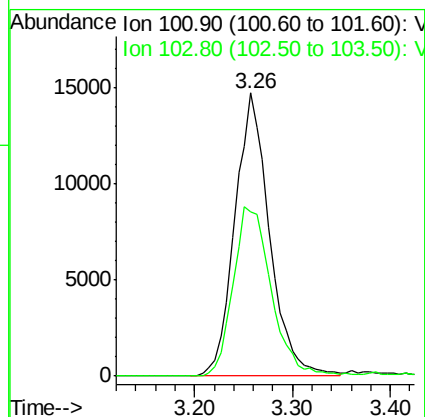
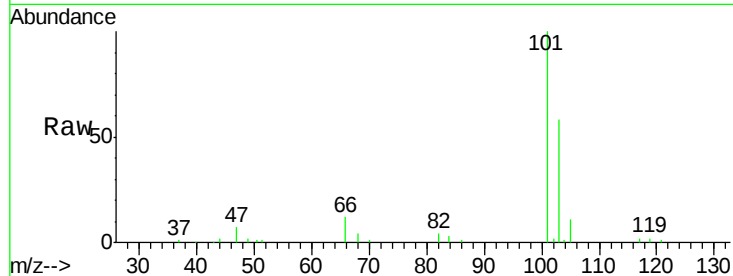
Trichlorofluoromethane
 Concen: 20.999 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016278.D
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 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.3	50.4	75.6

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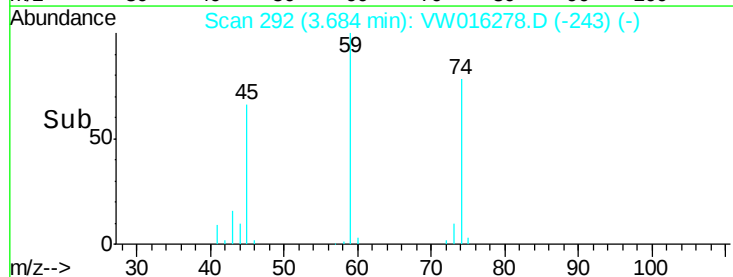
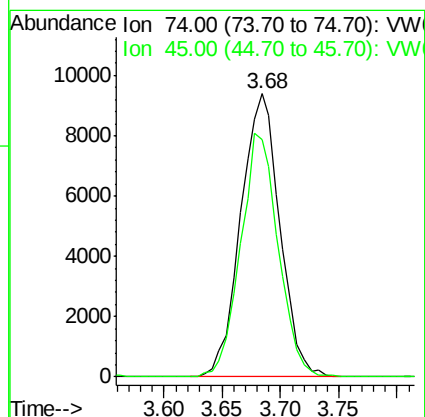
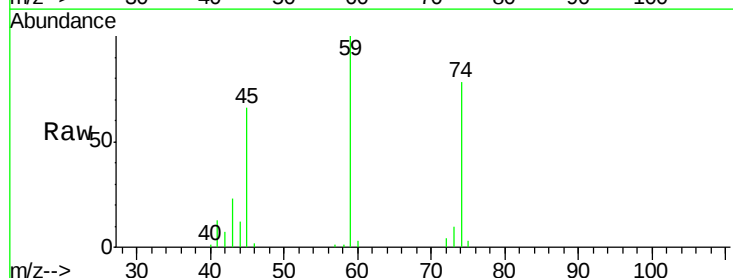
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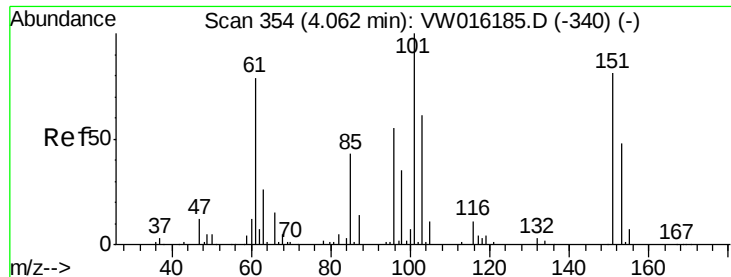


#8

Diethyl Ether
 Concen: 20.330 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.1	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.558 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

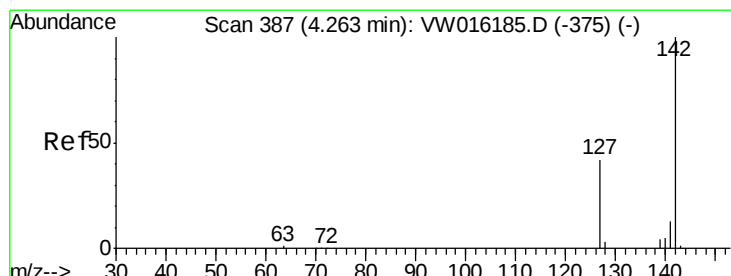
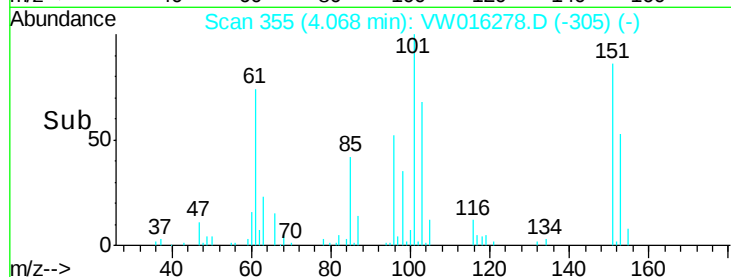
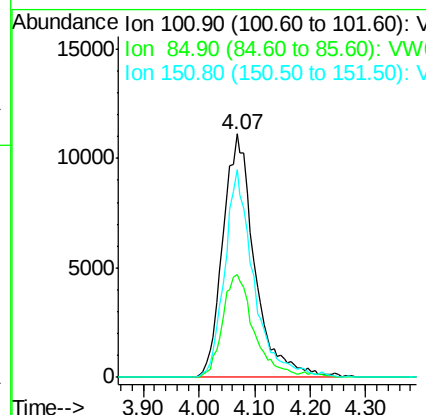
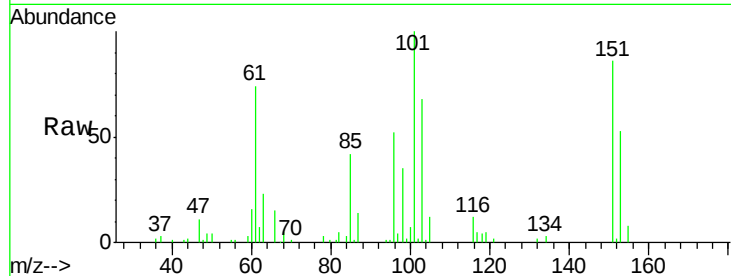
ClientSampleId :

VW0821SBS01

Tot Ion:	101	Resp:	44165
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.3	49.9
151	77.3	61.1	91.7

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#10

Methyl Iodide

Concen: 20.381 ug/l

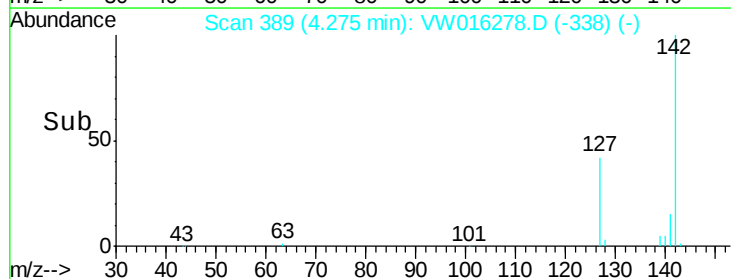
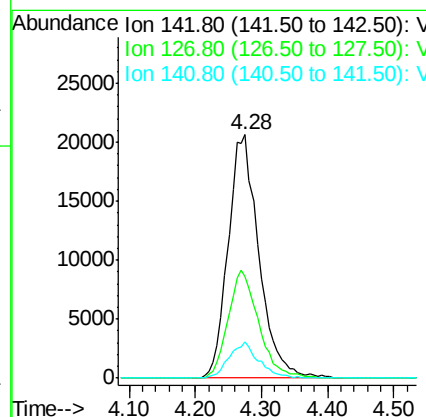
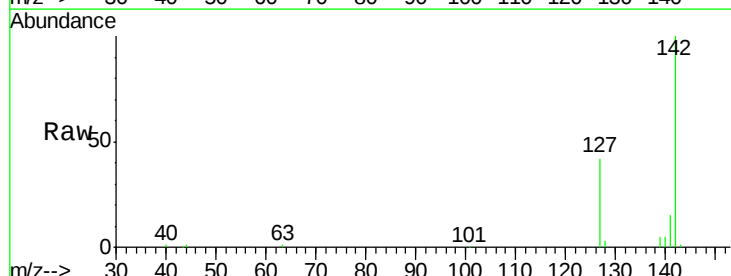
RT: 4.28 min Scan# 389

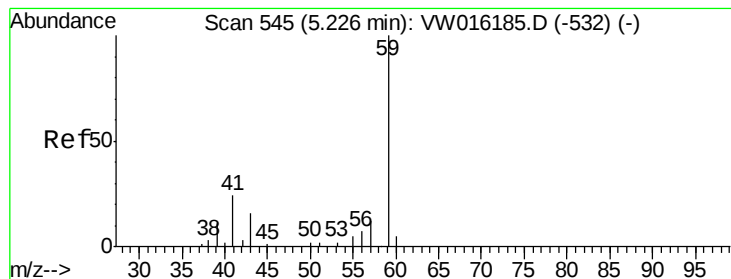
Delta R.T. 0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	142	Resp:	66501
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.6	52.0
141	14.1	11.4	17.2





#11

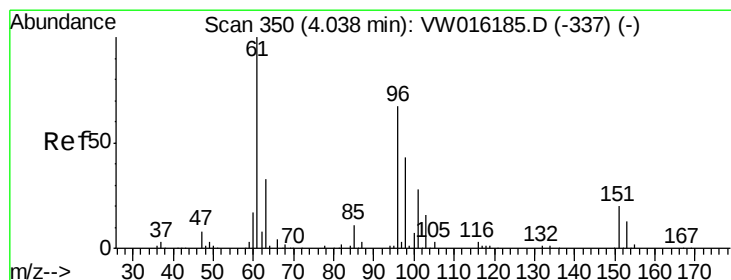
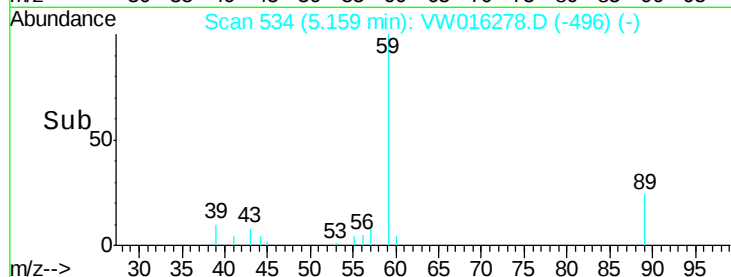
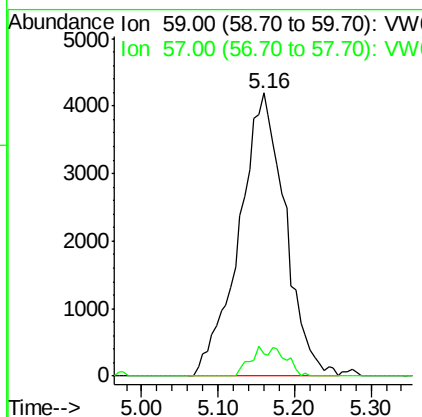
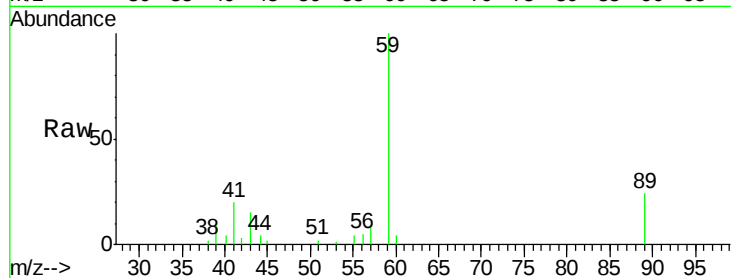
Tert butyl alcohol
 Concen: 161.088 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.07 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	17549		
57	3.9		9.0	13.6#

Manual Integrations
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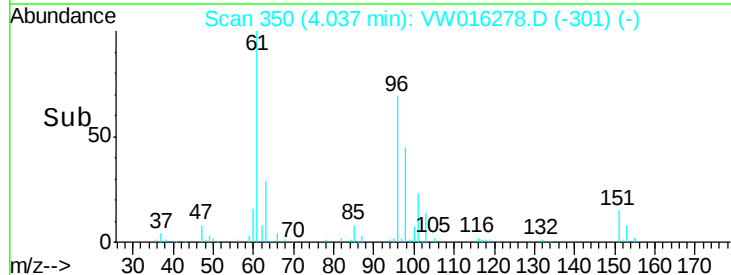
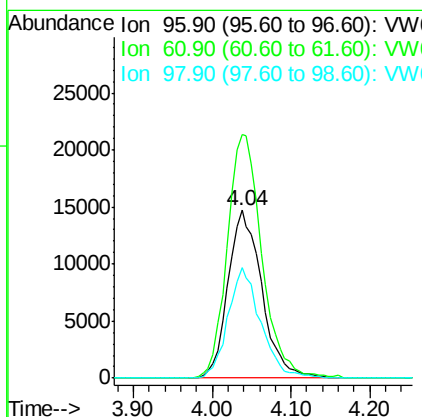
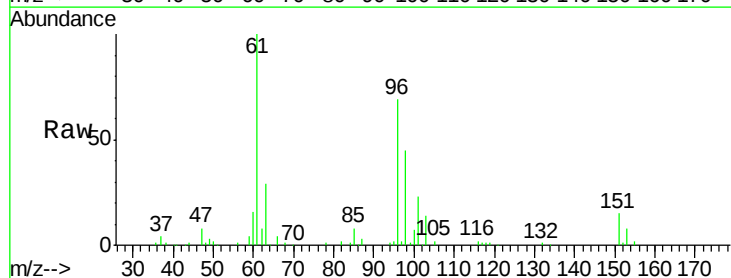
MMDadoda
 8/21/2020 11:25:53 AM

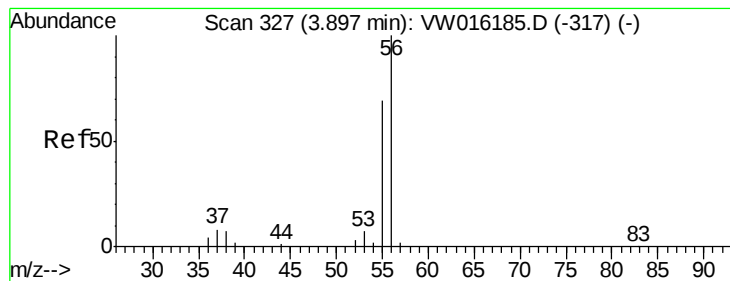


#12

1,1-Dichloroethene
 Concen: 19.100 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	43892		
61	145.0		119.5	179.3
98	65.8		51.3	76.9





#13

Acrolein

Concen: 90.369 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 56 Resp: 14221

Ion Ratio Lower Upper

56 100

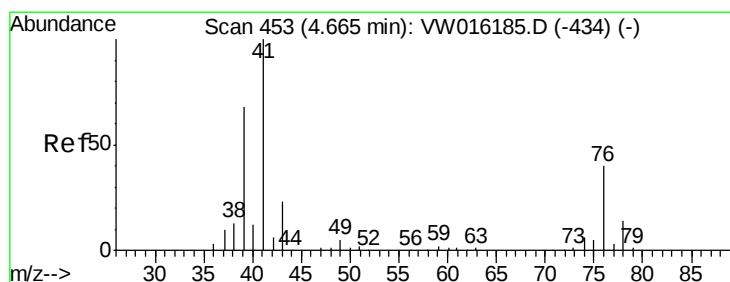
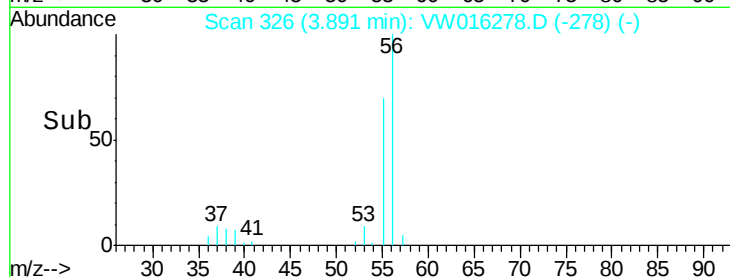
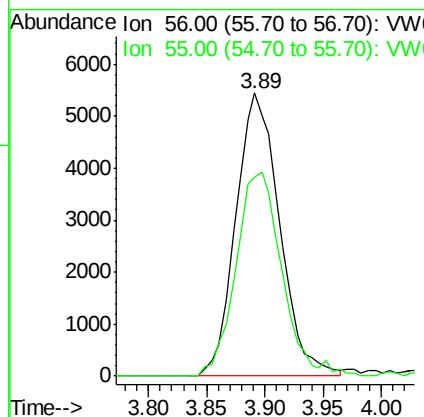
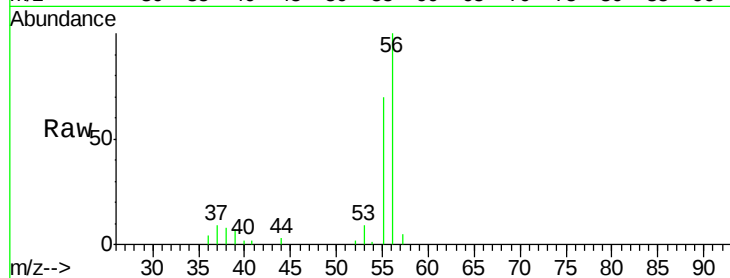
55 74.1 55.0 82.6

Manual Integrations

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8/21/2020 11:25:53 AM



#14

Allyl chloride

Concen: 18.931 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

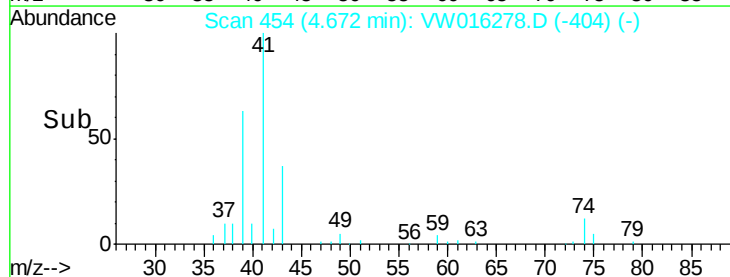
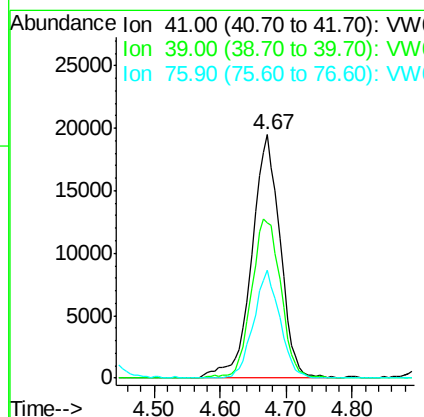
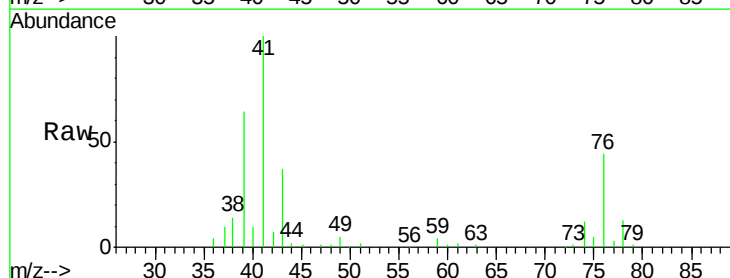
Tgt Ion: 41 Resp: 58289

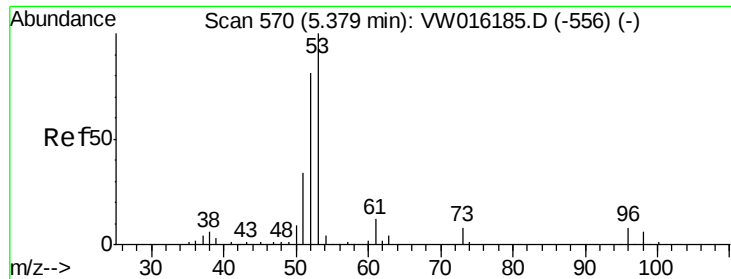
Ion Ratio Lower Upper

41 100

39 67.7 53.4 80.0

76 40.8 32.0 48.0





#15

Acrylonitrile

Concen: 109.129 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

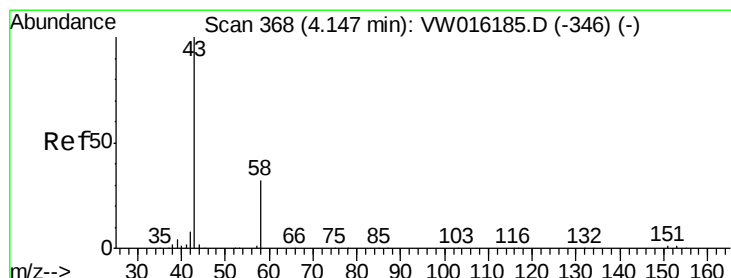
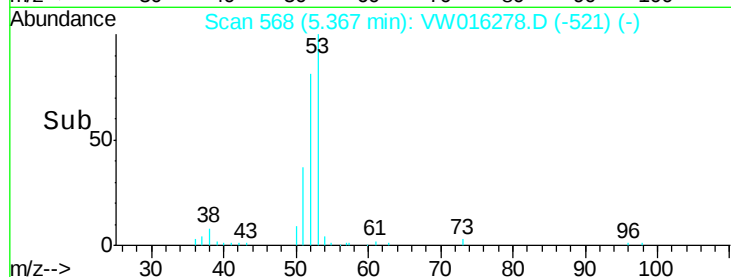
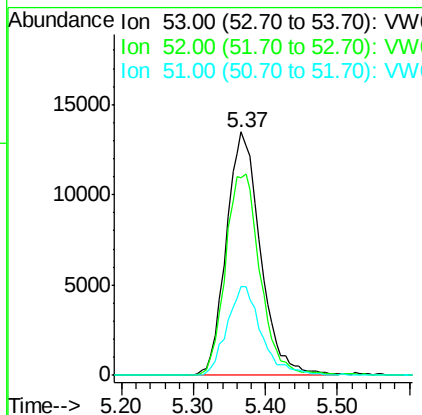
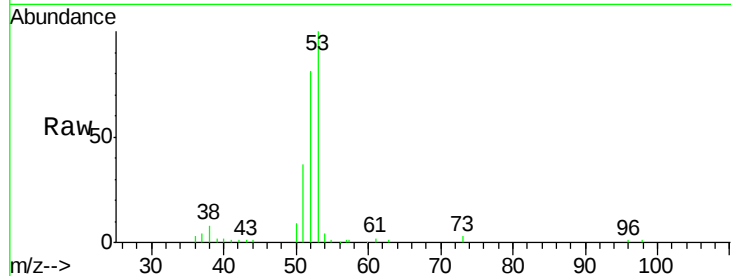
ClientSampleId :

VW0821SBS01

Tot Ion:	53	Resp:	44437
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.3	97.9
51	36.8	29.0	43.4

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#16

Acetone

Concen: 92.576 ug/l

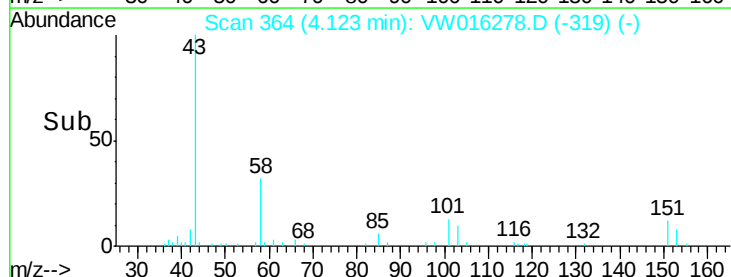
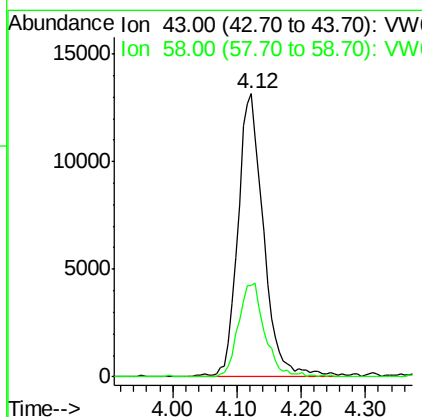
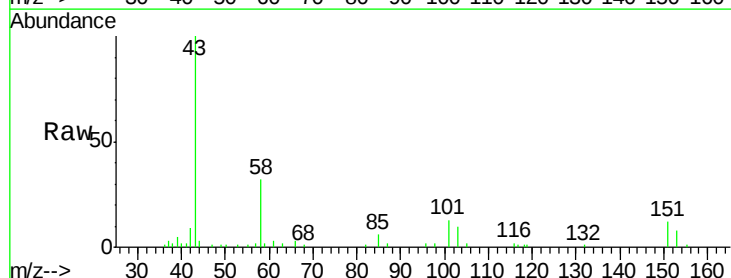
RT: 4.12 min Scan# 364

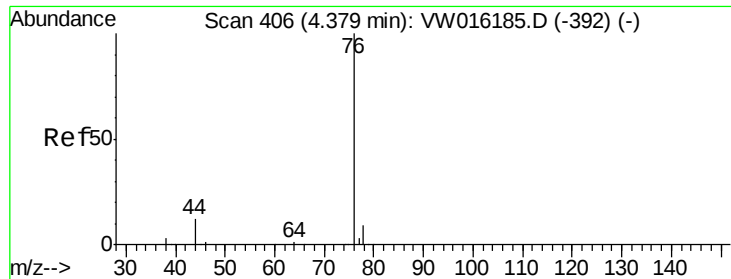
Delta R.T. -0.02 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	43	Resp:	36302
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.6





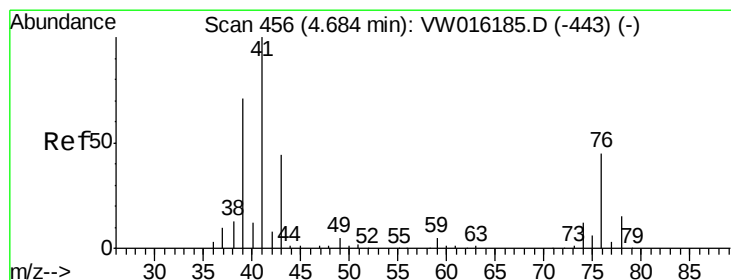
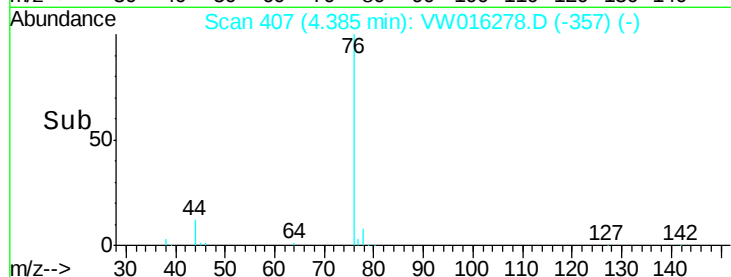
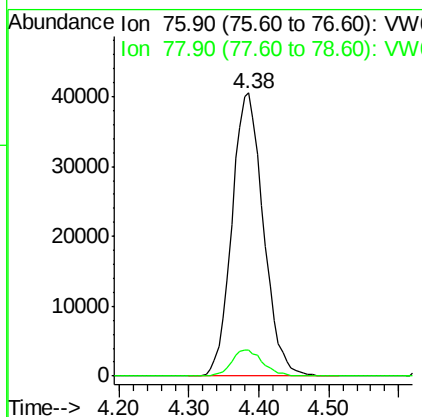
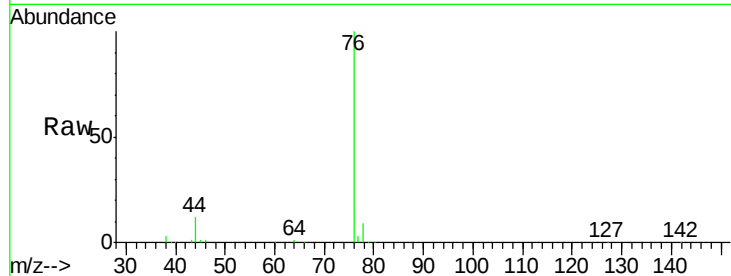
#17
Carbon Disulfide
Concen: 18.731 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	76	Resp	126388
Ion Ratio	Lower	Upper	
76	100		
78	9.0	7.0	10.6

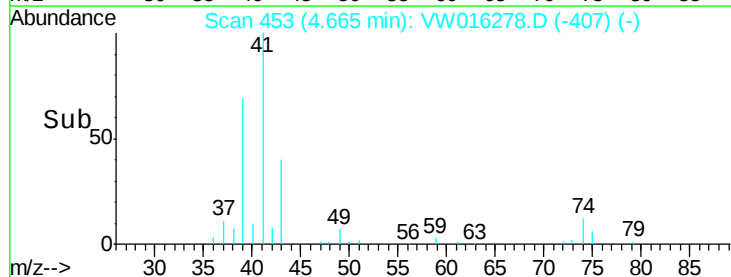
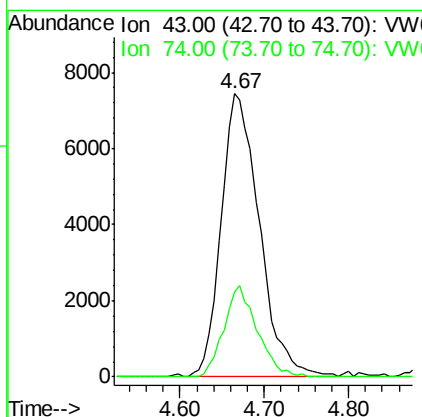
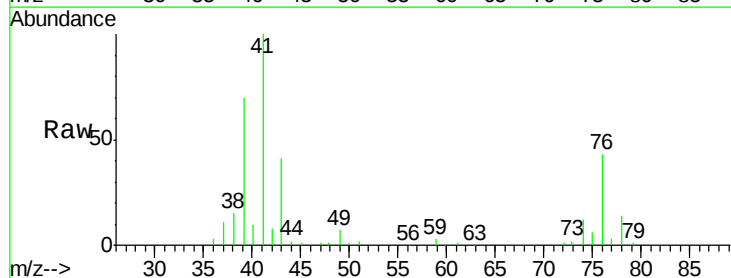
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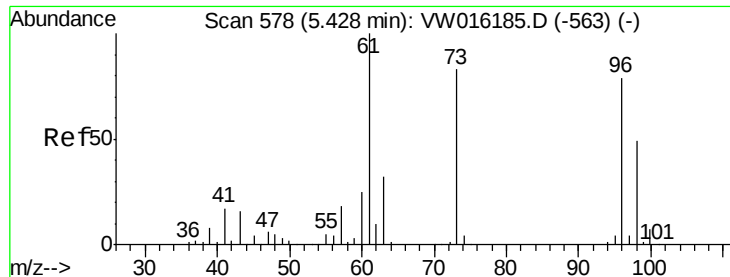
MMDadoda
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#18
Methyl Acetate
Concen: 25.234 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	43	Resp	23042
Ion Ratio	Lower	Upper	
43	100		
74	28.1	20.6	31.0





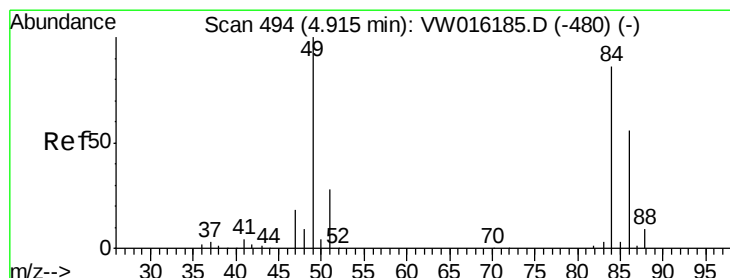
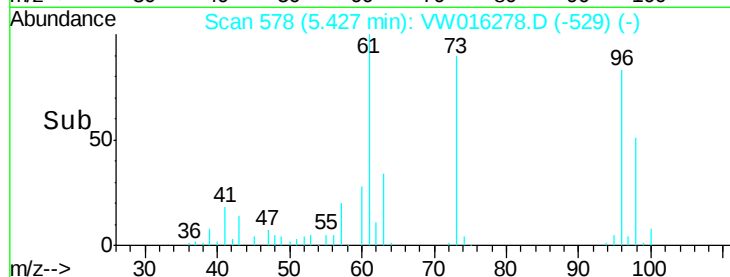
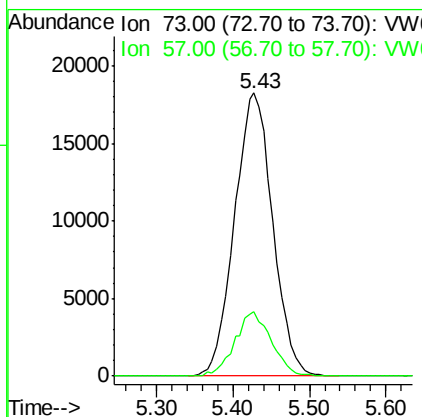
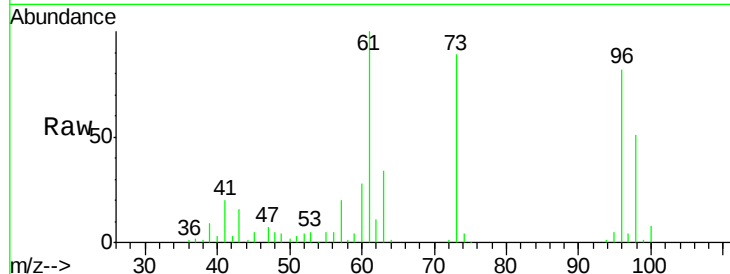
#19
Methvl tert-butvl Ether
Concen: 22.321 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 73 Resp: 63159
Ion Ratio Lower Upper
73 100
57 22.6 17.2 25.8

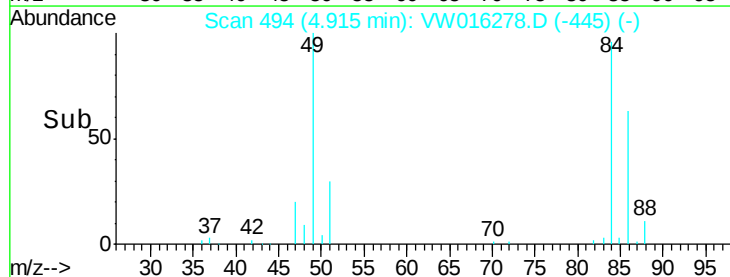
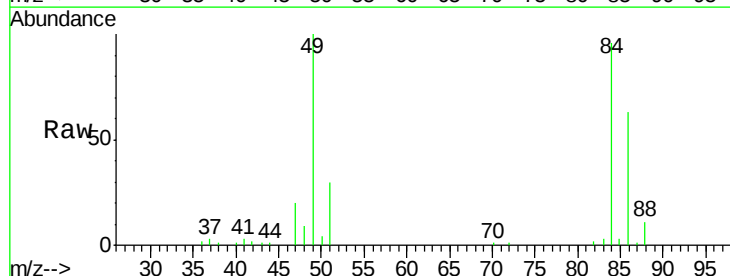
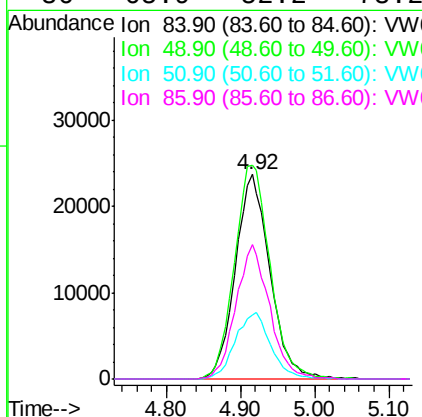
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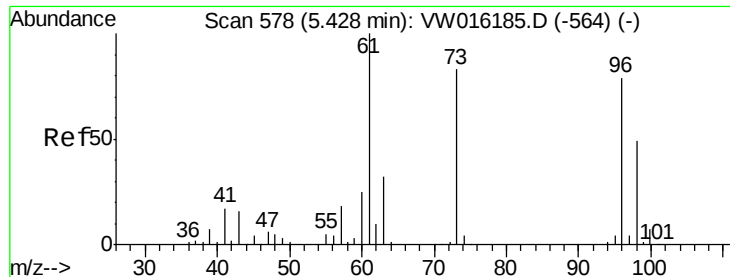
MMDadoda
8/21/2020 11:25:53 AM



#20
Methylene Chloride
Concen: 29.581 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion: 84 Resp: 76971
Ion Ratio Lower Upper
84 100
49 104.5 93.4 140.2
51 31.3 26.6 40.0
86 65.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.612 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

Tot Ion: 96 Resp: 49078

Ion Ratio Lower Upper

96 100

61 121.4 101.4 152.0

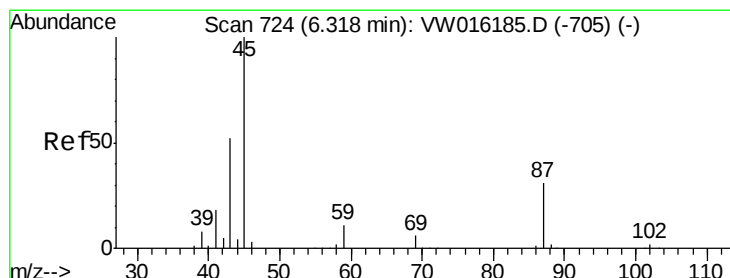
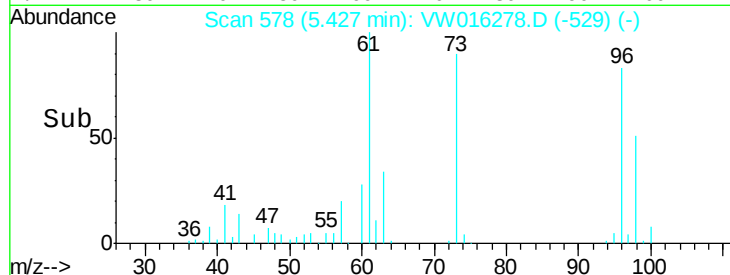
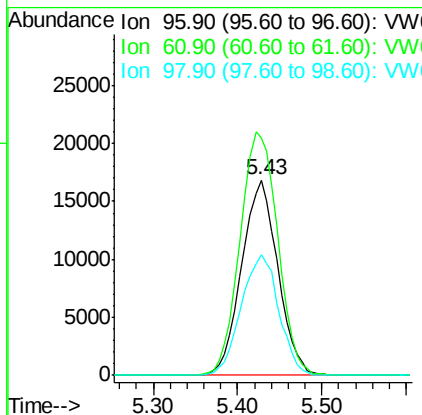
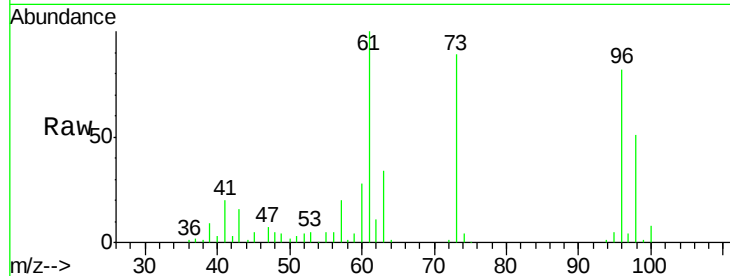
98 62.1 49.4 74.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.343 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion: 45 Resp: 118083

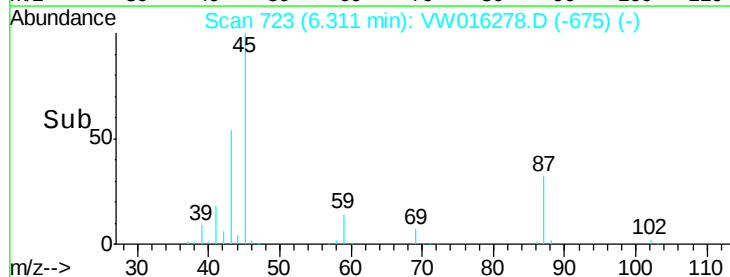
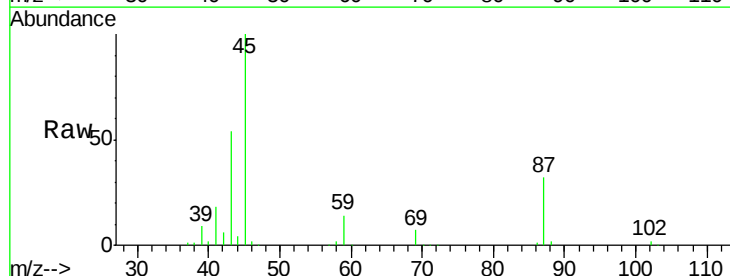
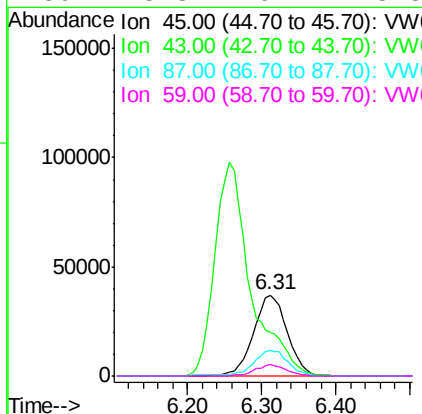
Ion Ratio Lower Upper

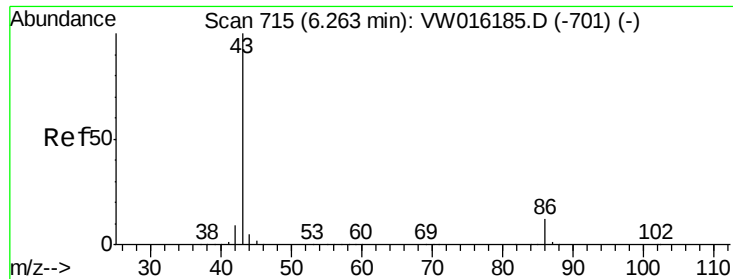
45 100

43 53.8 41.7 62.5

87 31.9 25.0 37.6

59 13.8 9.2 13.8





#23

Vinyl Acetate

Concen: 98.673 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampled :

VW0821SBS01

Tot Ion: 43 Resp: 327958

Ion Ratio Lower Upper

43 100

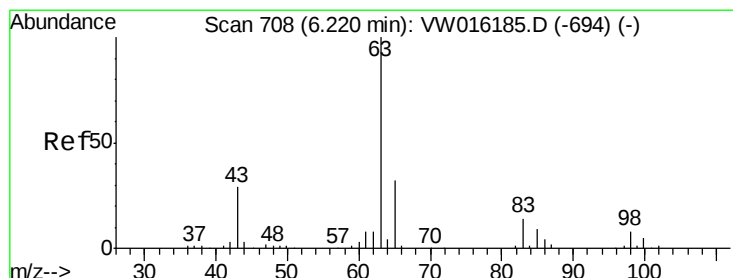
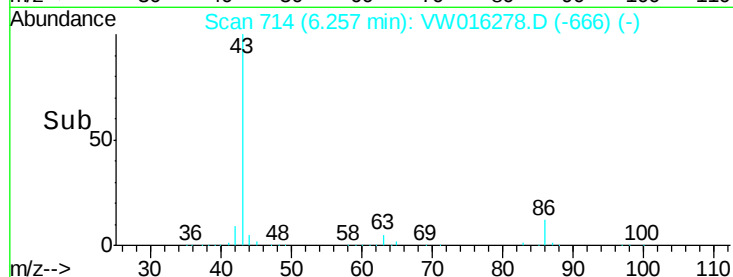
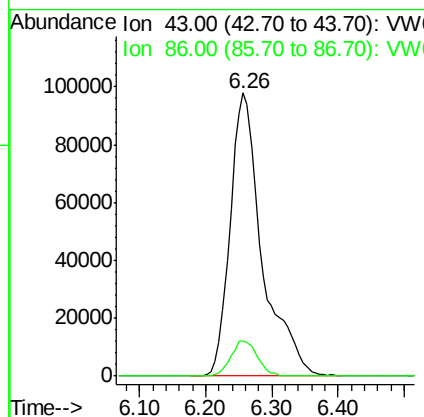
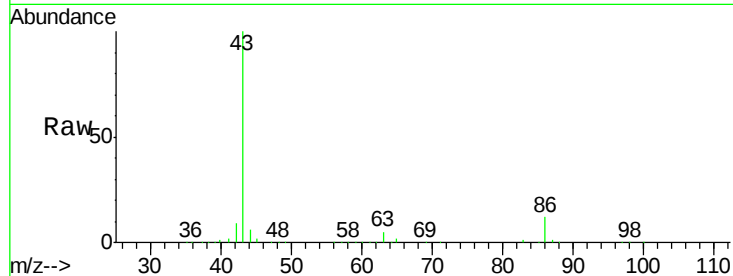
86 12.3 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.516 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

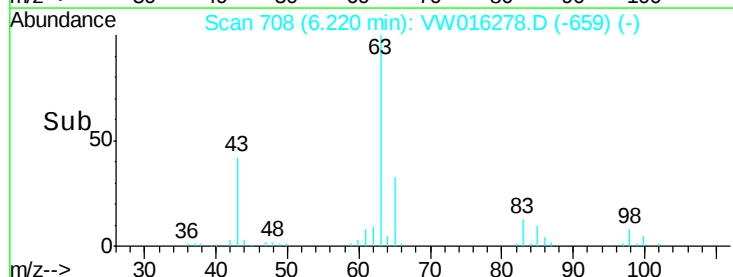
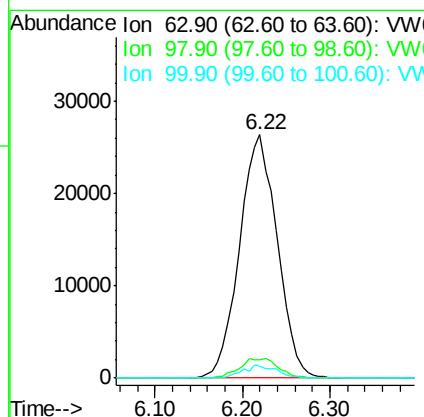
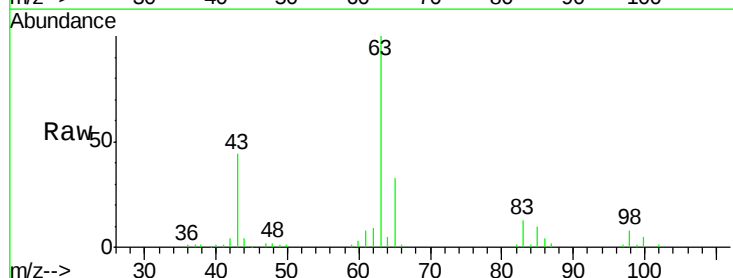
Tgt Ion: 63 Resp: 79064

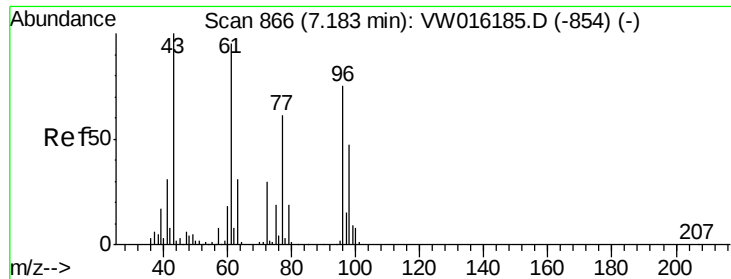
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.1 2.6 8.0





#25

2-Butanone

Concen: 106.008 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 43 Resp: 55710

Ion Ratio Lower Upper

43 100

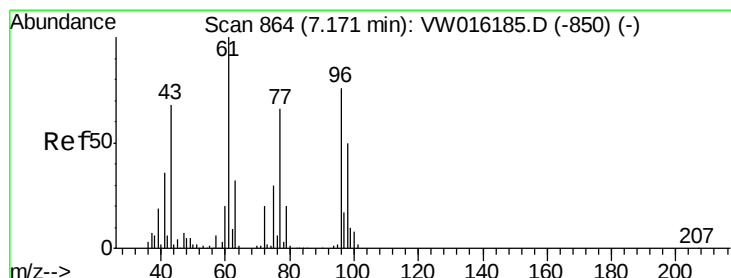
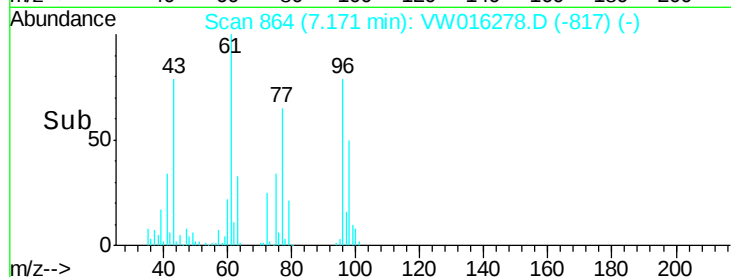
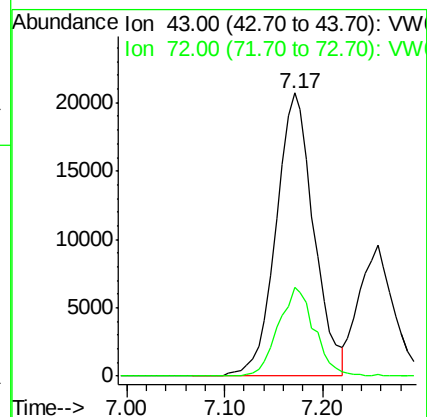
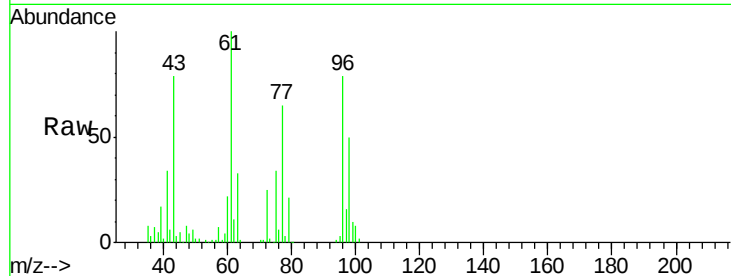
72 31.4 24.2 36.2

Manual Integrations

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MMDadoda

8/21/2020 11:25:53 AM



#26

2,2-Dichloropropane

Concen: 20.294 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016278.D

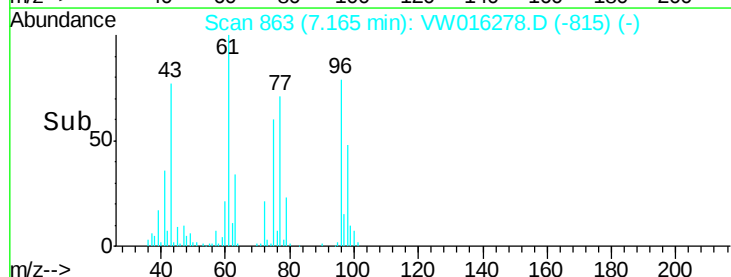
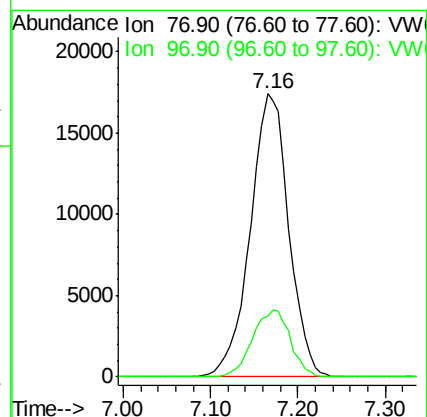
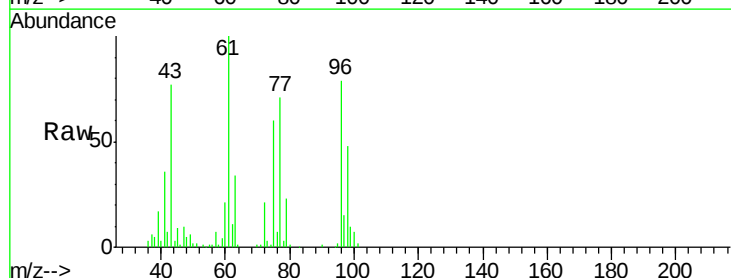
Acq: 20 Aug 2020 23:05

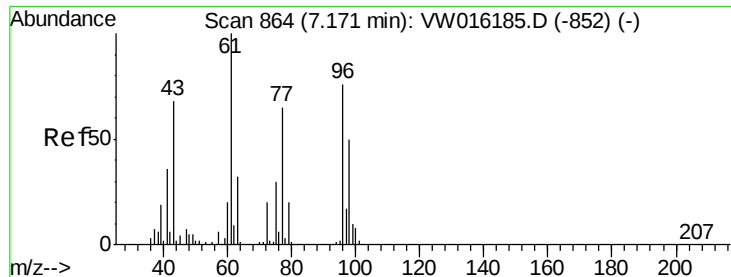
Tgt Ion: 77 Resp: 53108

Ion Ratio Lower Upper

77 100

97 23.2 12.1 36.3





#27

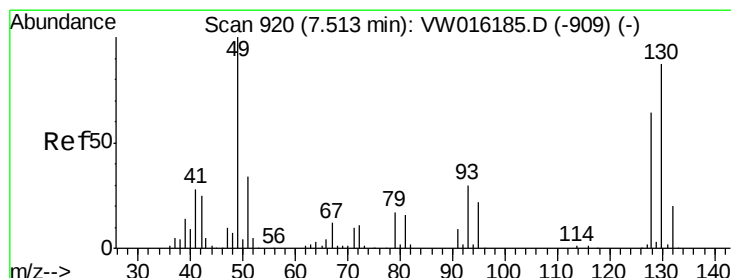
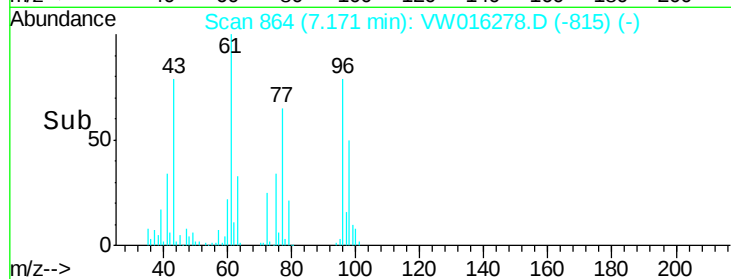
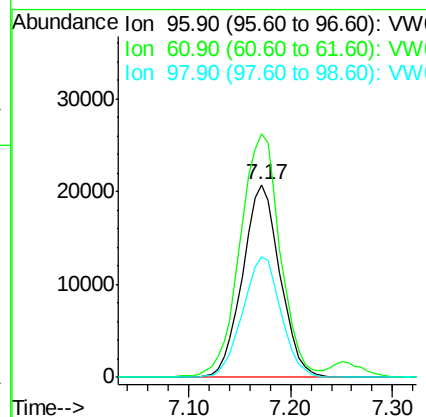
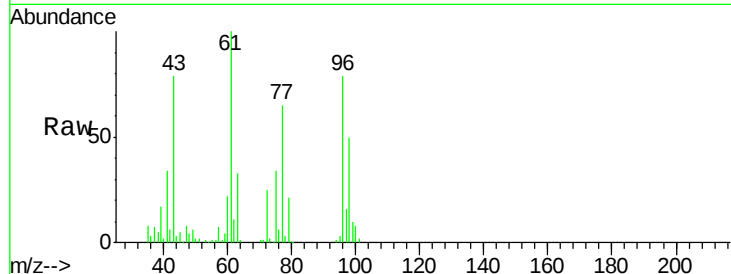
cis-1,2-Dichloroethene
Concen: 20.458 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	267.0
98	64.2	0.0	129.6

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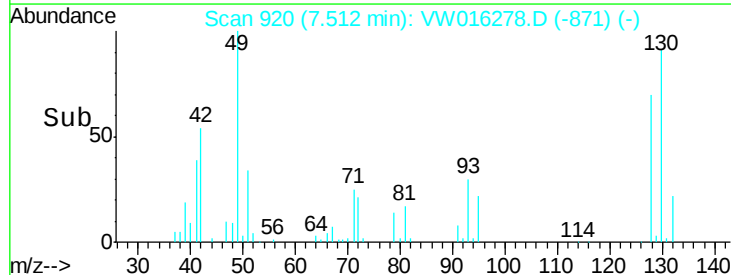
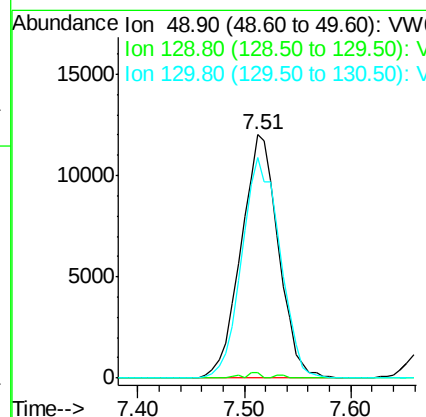
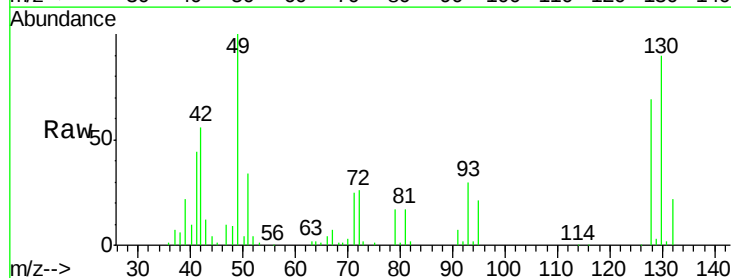
MMDadoda
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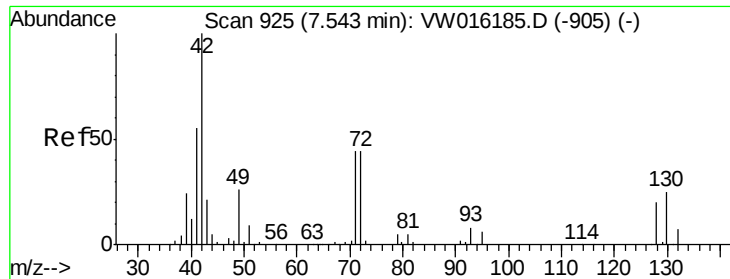


#28

Bromochloromethane
Concen: 19.244 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	92.6	69.9	104.9





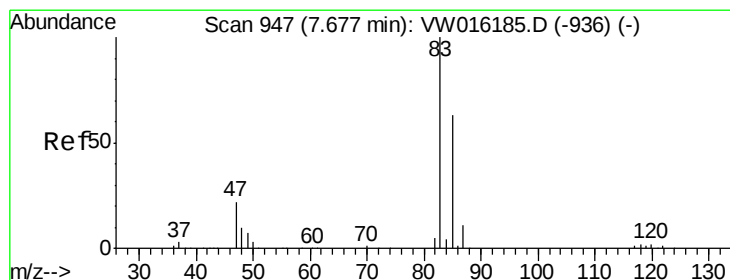
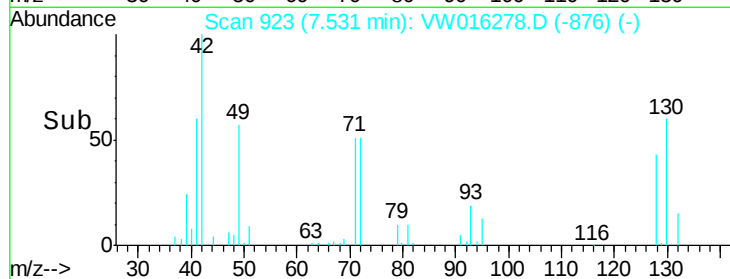
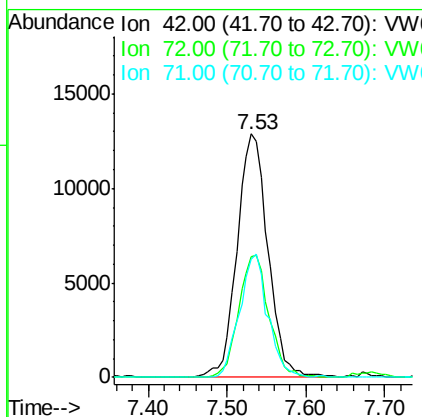
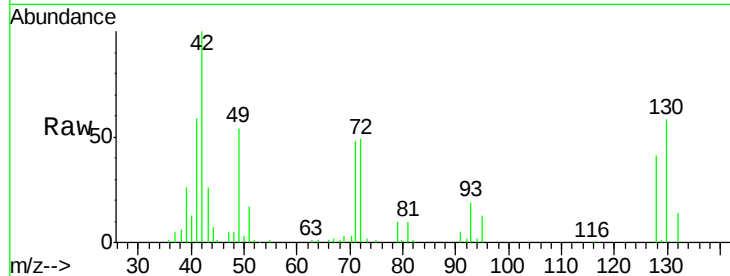
#29
Tetrahydrofuran
Concen: 111.441 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.4	56.2
71	46.3	35.6	53.4

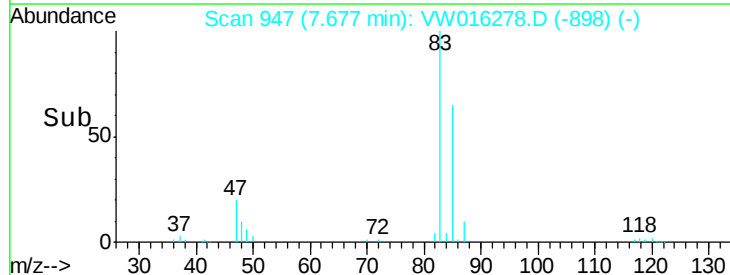
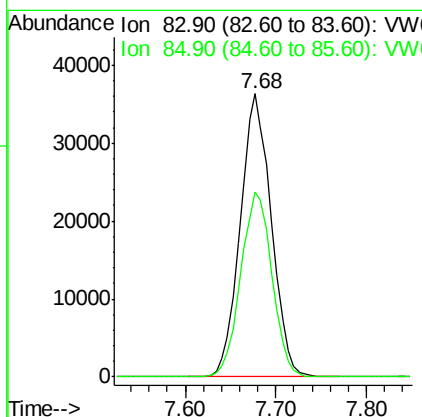
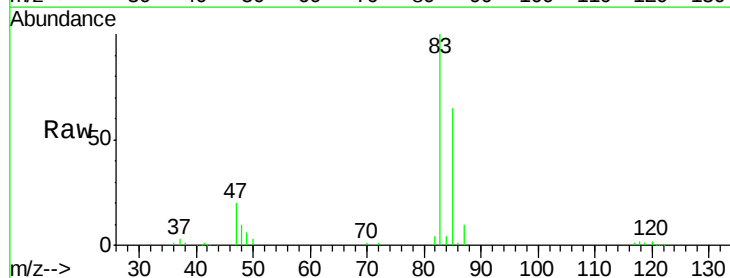
Manual Integrations
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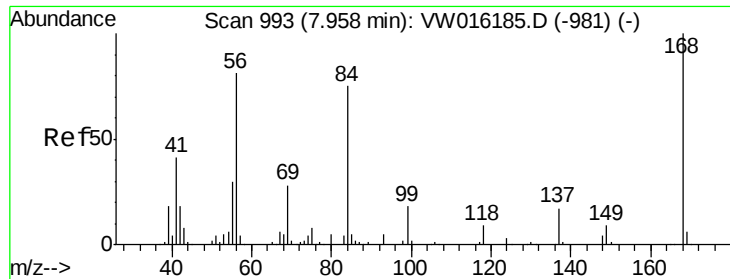
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#30
Chloroform
Concen: 20.419 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.0	75.0





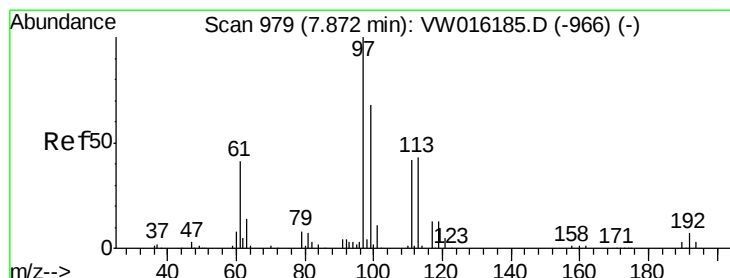
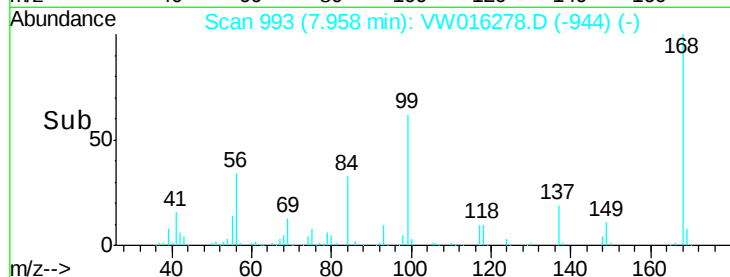
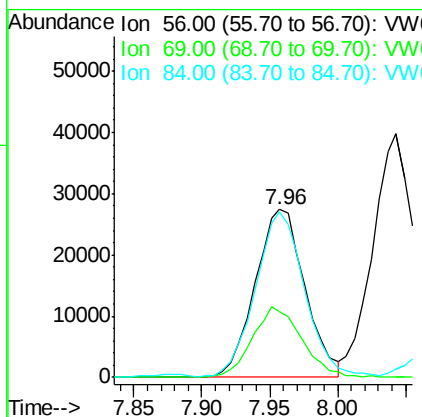
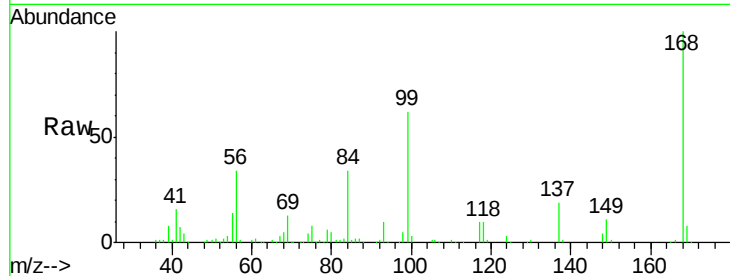
#31
Cyclohexane
Concen: 18.798 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	27.3	40.9
84	97.9	73.5	110.3

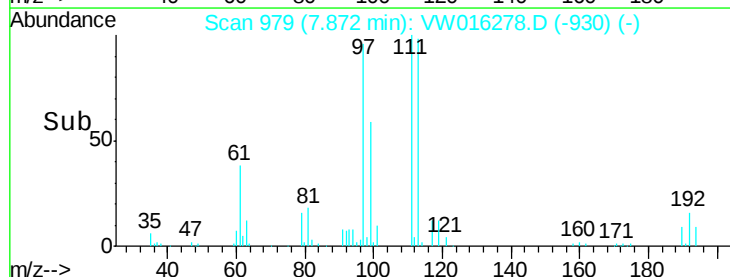
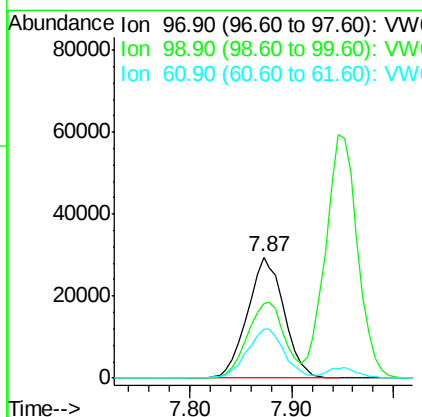
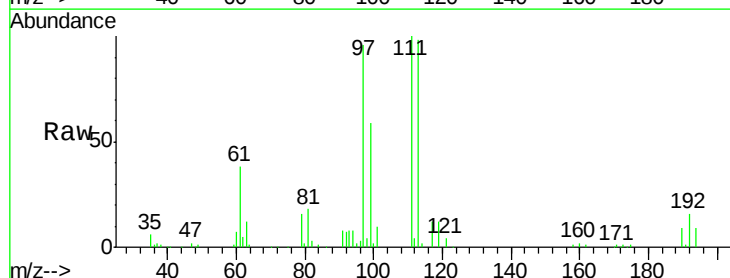
Manual Integrations
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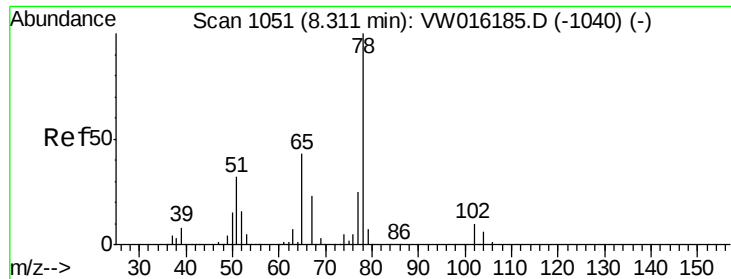
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.706 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	41.2	33.2	49.8





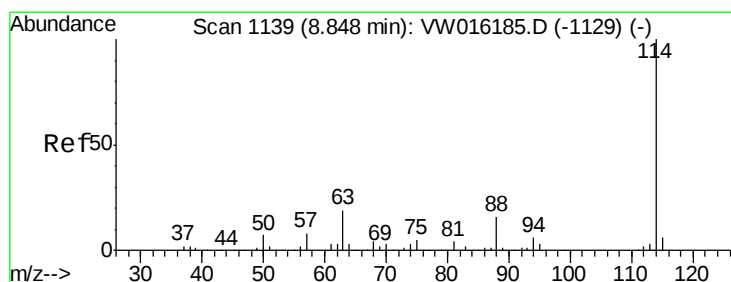
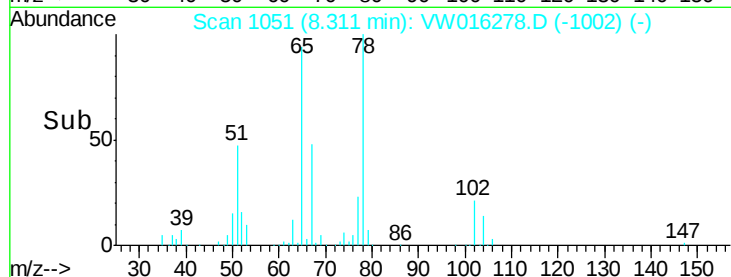
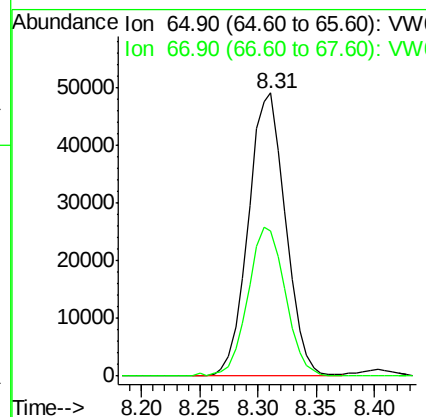
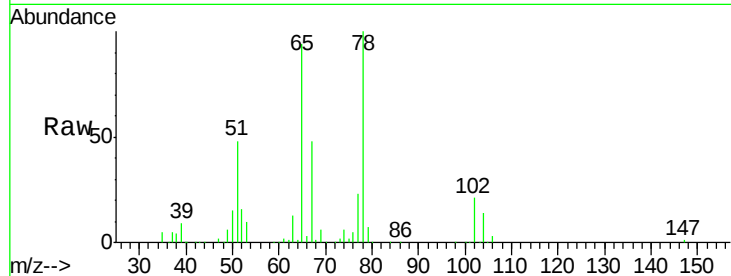
#33
 1,2-Dichloroethane-d4
 Concen: 53.295 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109092		
67	53.2	0.0	105.6	

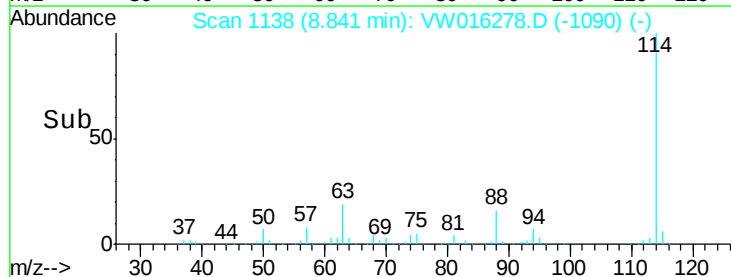
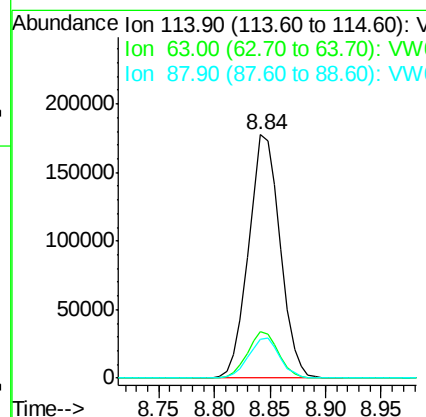
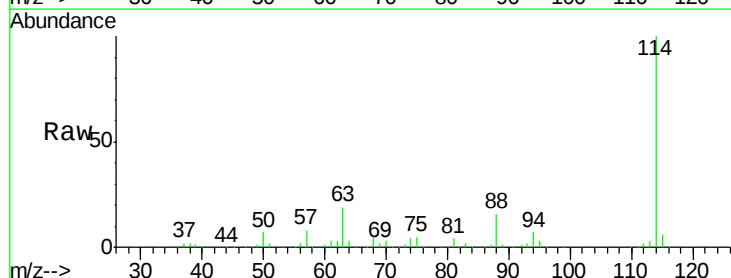
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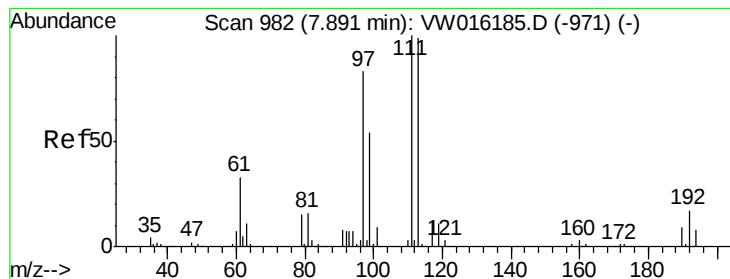
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 8/21/2020 11:25:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349681		
63	19.3	0.0	38.4	
88	16.0	0.0	32.8	





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

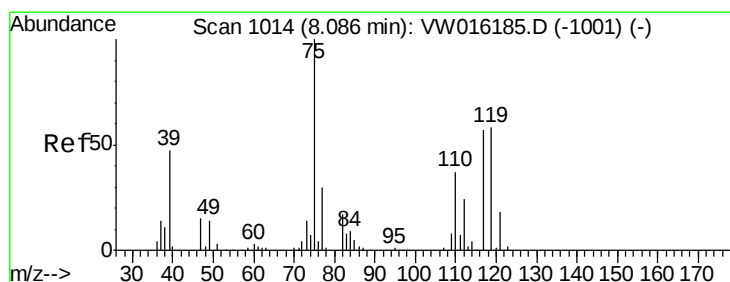
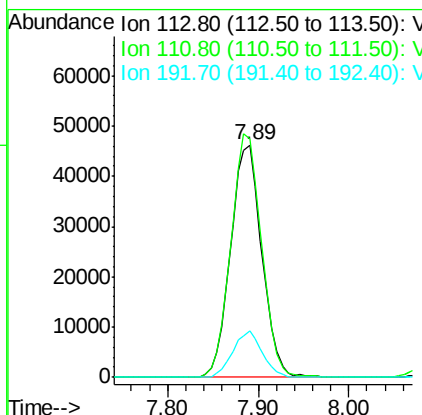
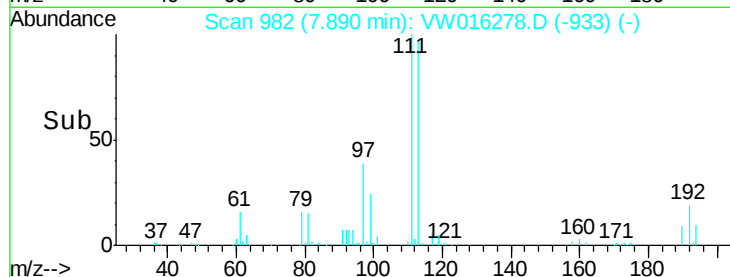
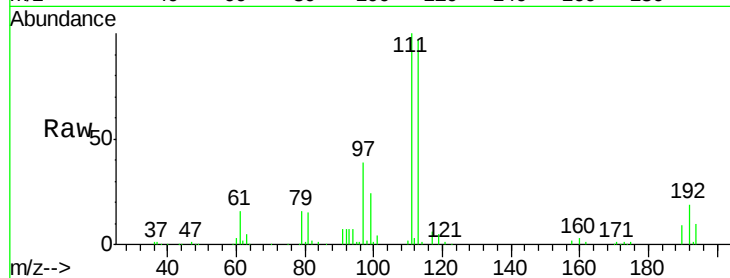
ClientSampleId :

VW0821SBS01

Tot Ion:	113	Resp:	110637
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.5	125.3
192	18.8	14.3	21.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.359 ug/l

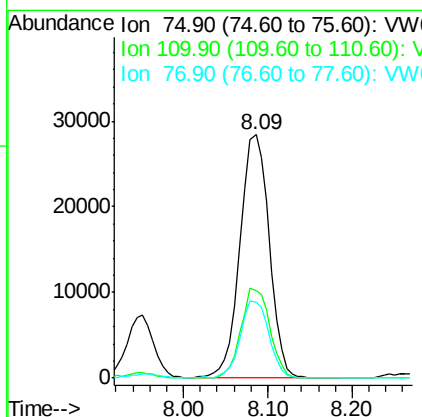
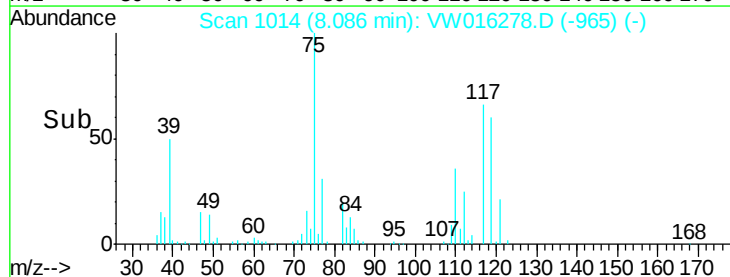
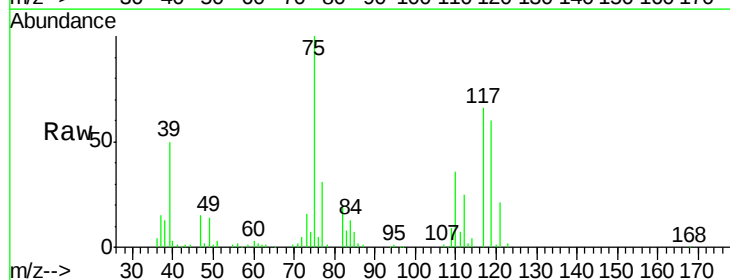
RT: 8.09 min Scan# 1014

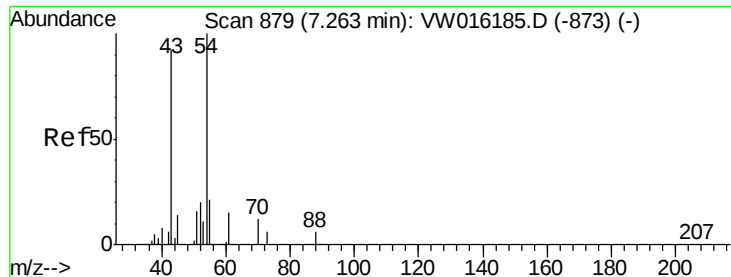
Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	75	Resp:	66688
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.3
77	31.0	24.7	37.1





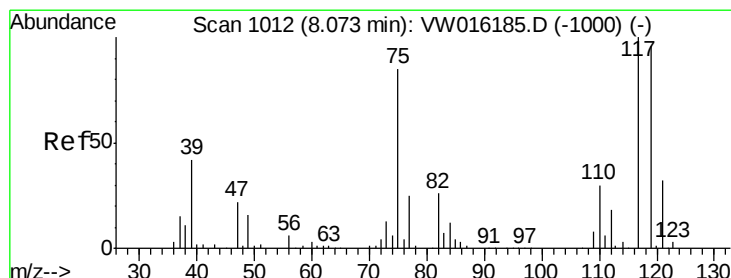
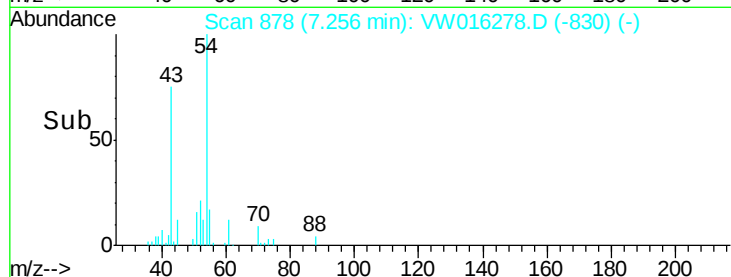
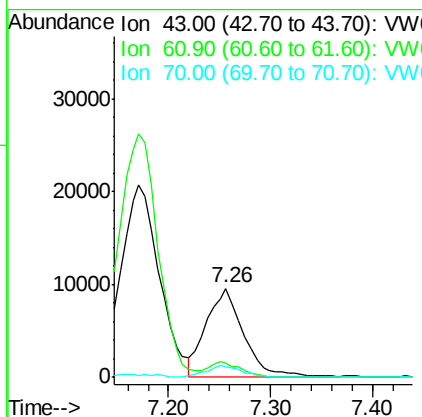
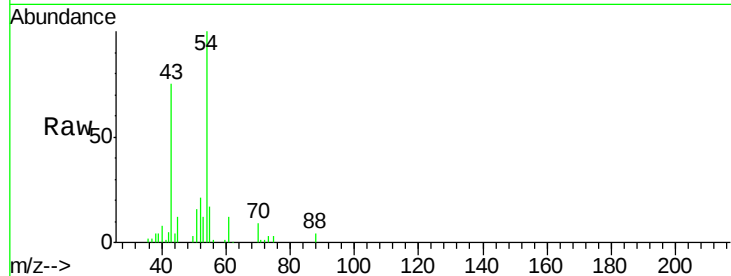
#37
Ethyl Acetate
Concen: 20.275 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.6	18.8
70	13.1	9.8	14.8

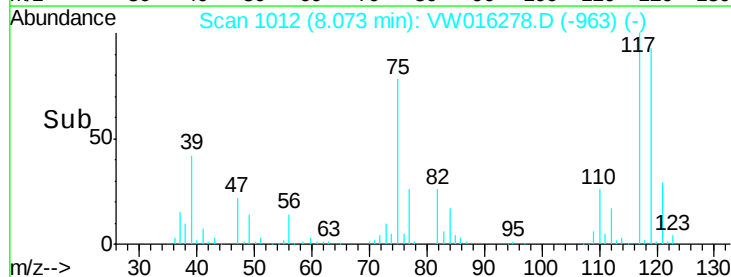
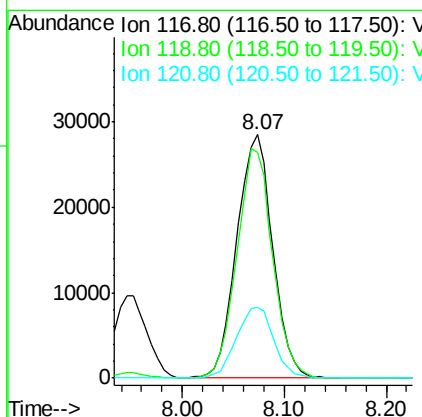
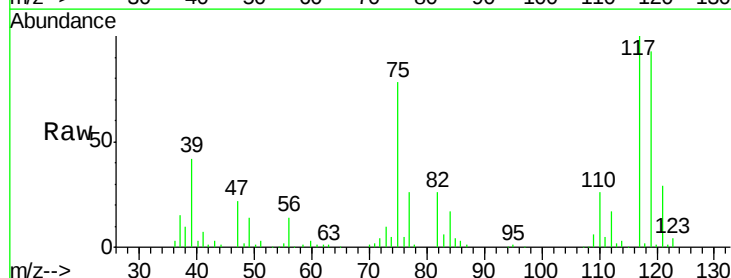
Manual Integrations
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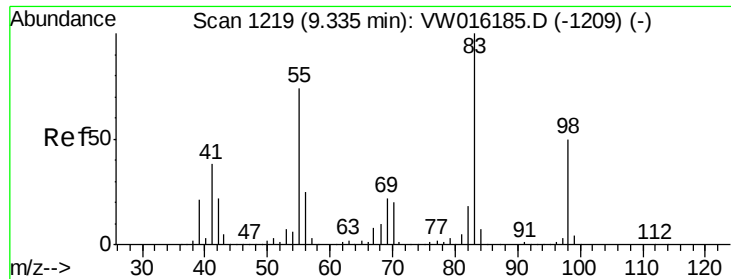
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#38
Carbon Tetrachloride
Concen: 20.190 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.6	115.0
121	28.8	25.4	38.0





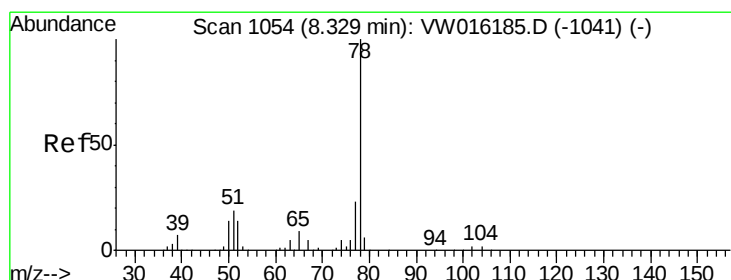
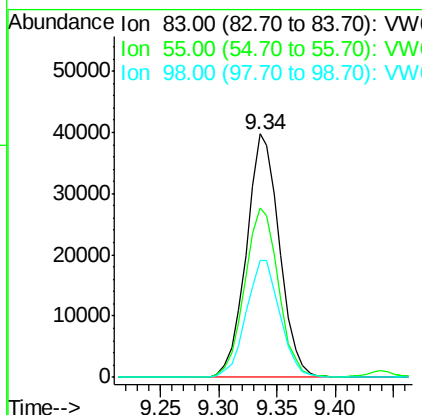
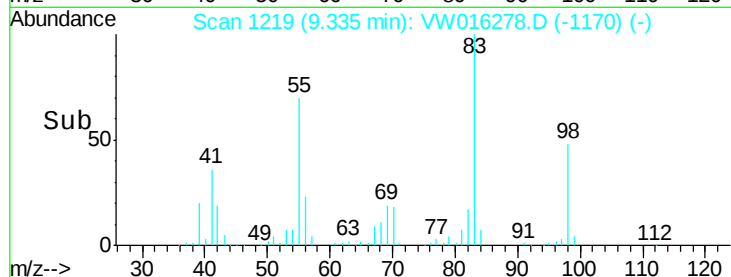
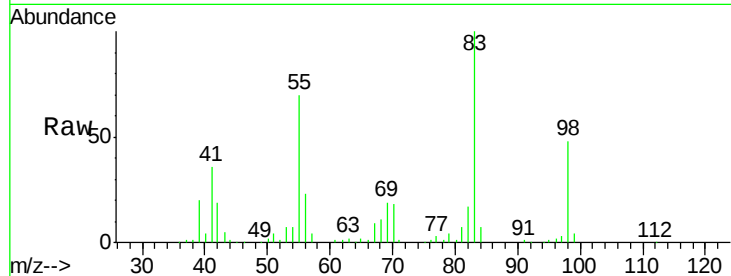
#39
Methvlcvclohexane
Concen: 18.933 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	59.2	88.8
98	47.9	40.2	60.2

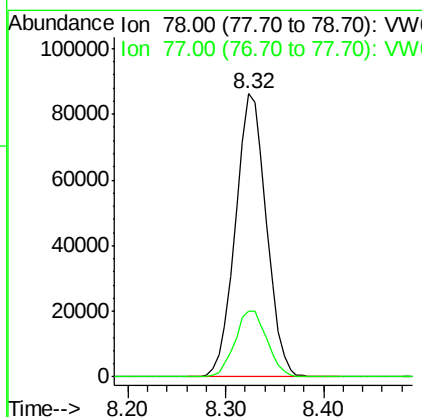
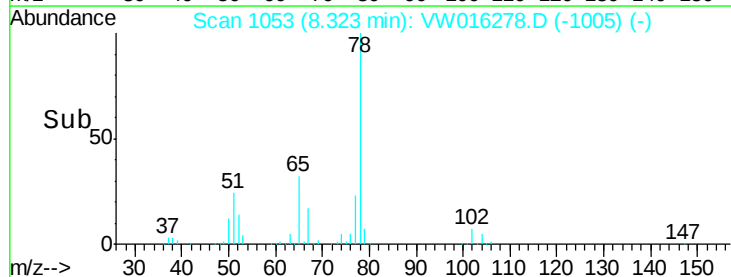
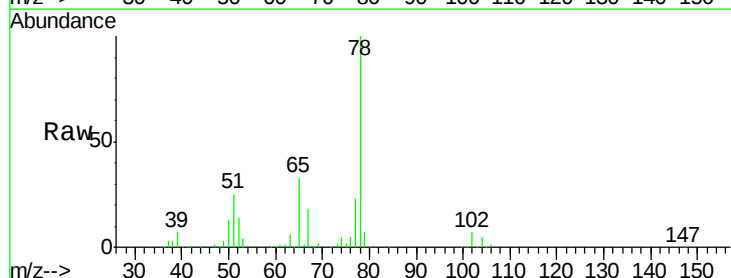
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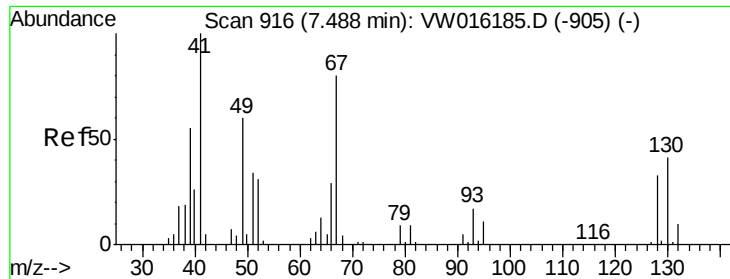
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#40
Benzene
Concen: 19.546 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





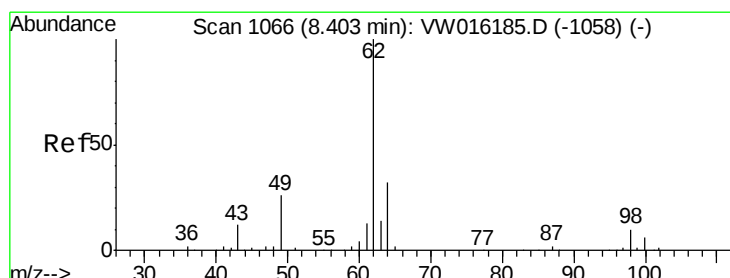
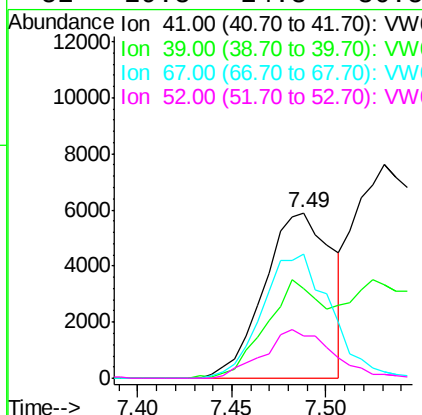
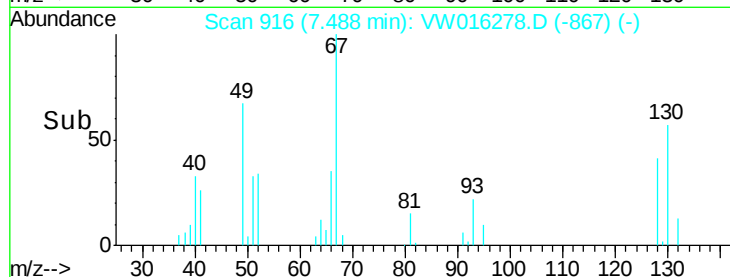
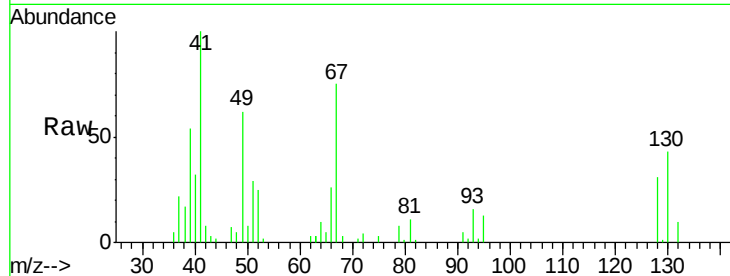
#41
Methacrylonitrile
Concen: 21.858 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	41	Resp	14734
Ion	Ratio	Lower	Upper
41	100		
39	48.9	43.4	65.2
67	75.5	61.5	92.3
52	29.8	24.3	36.5

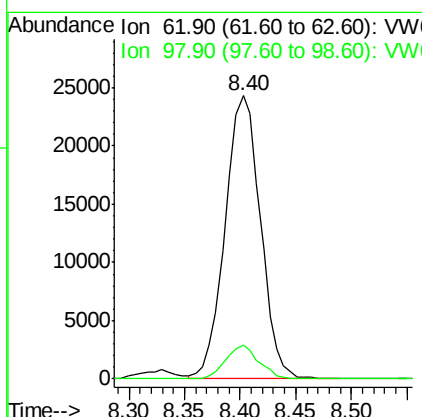
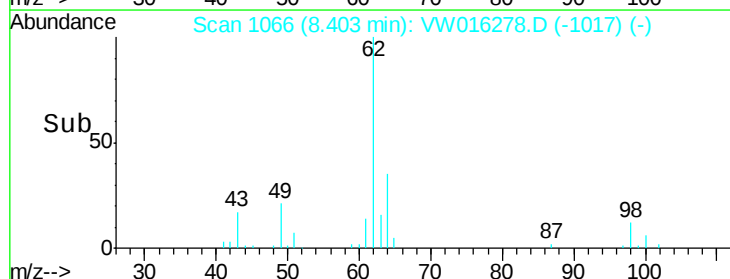
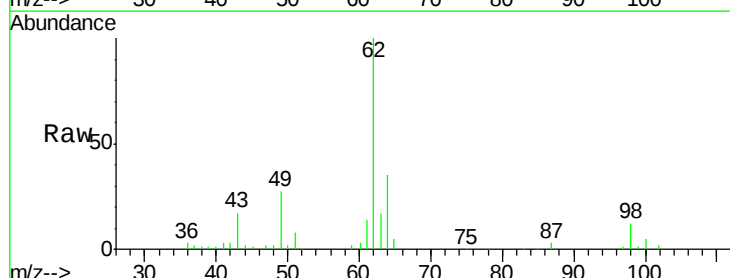
Manual Integrations
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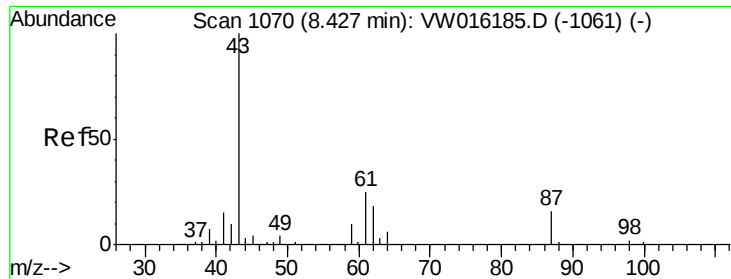
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.930 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	62	Resp	53570
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.535 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

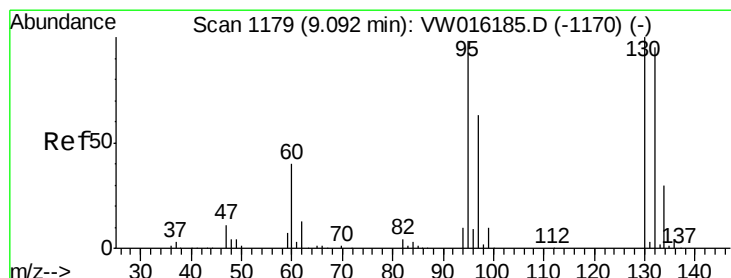
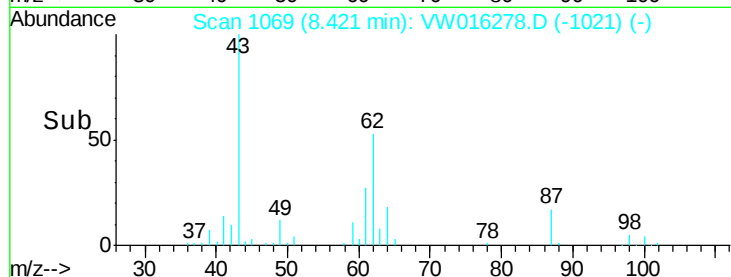
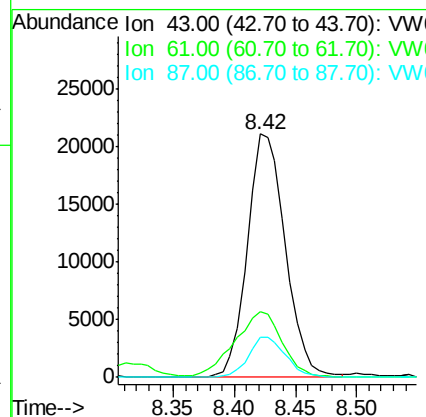
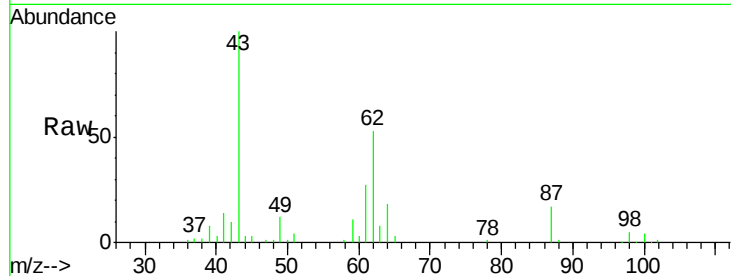
ClientSampleId :

VW0821SBS01

Tot Ion:	43	Resp:	45629
Ion	Ratio	Lower	Upper
43	100		
61	33.8	26.9	40.3
87	16.0	12.0	18.0

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#44

Trichloroethene

Concen: 19.379 ug/l

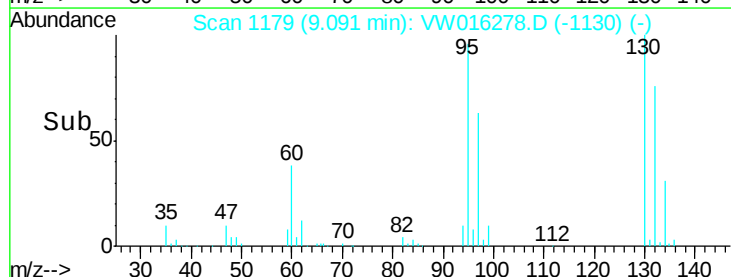
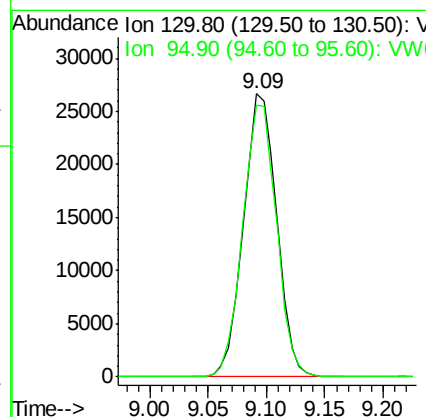
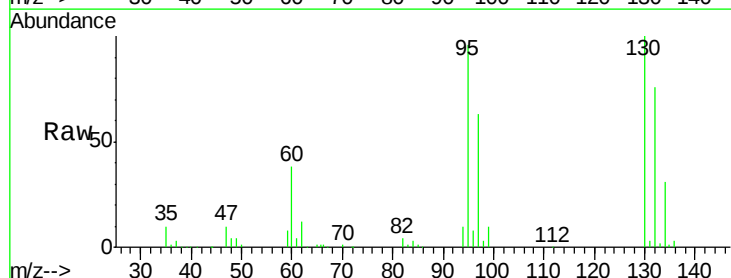
RT: 9.09 min Scan# 1179

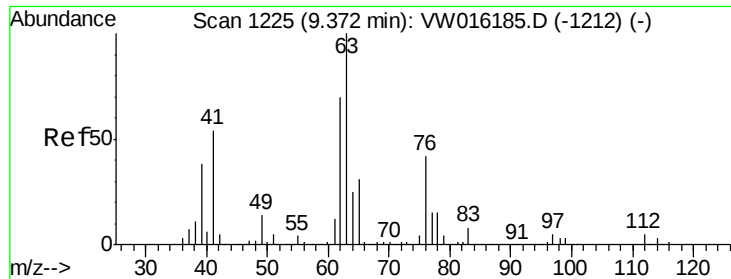
Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	130	Resp:	53189
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.4





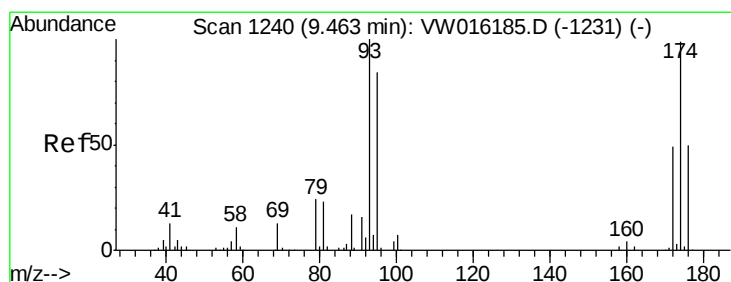
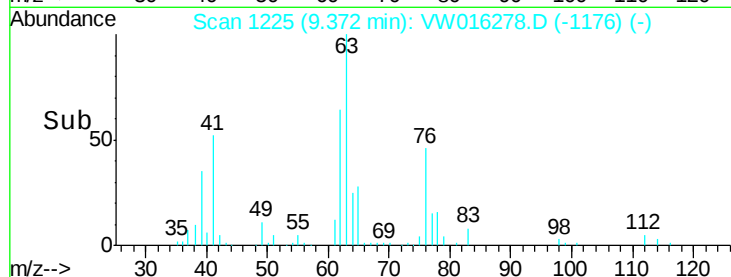
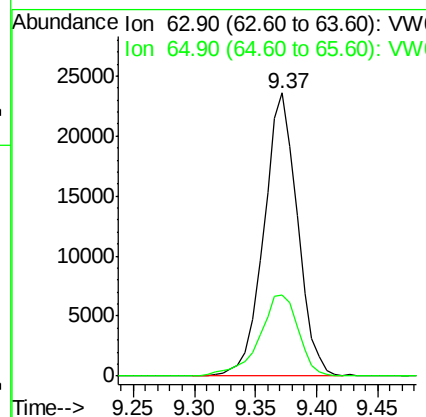
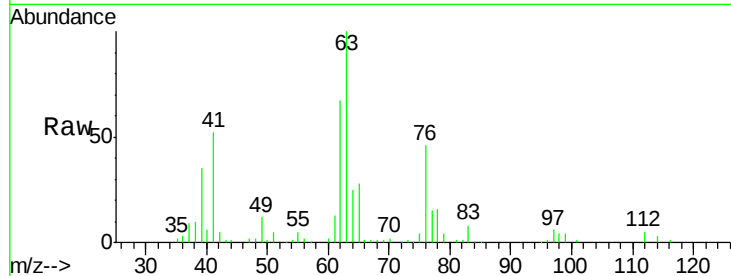
#45
 1,2-Dichloropropane
 Concen: 19.769 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.5	25.0	37.6

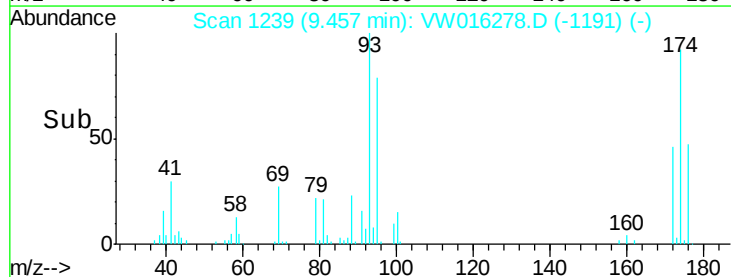
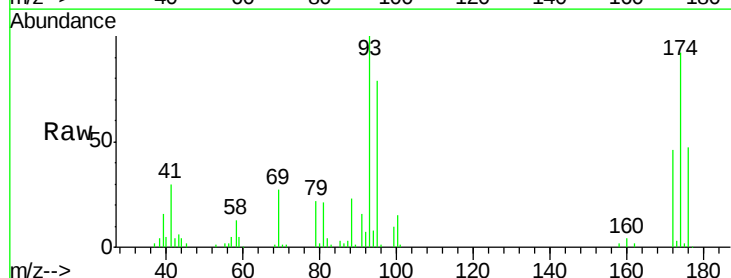
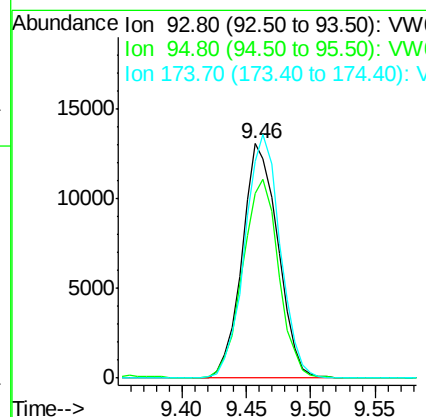
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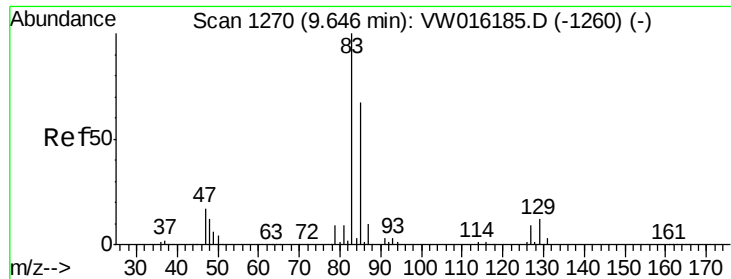
MMDadoda
 8/21/2020 11:25:53 AM



#46
 Dibromomethane
 Concen: 20.964 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	65.9	98.9
174	102.3	77.0	115.6





#47

Bromodichloromethane

Concen: 20.271 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

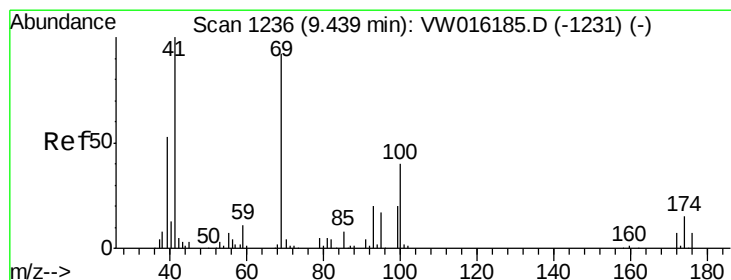
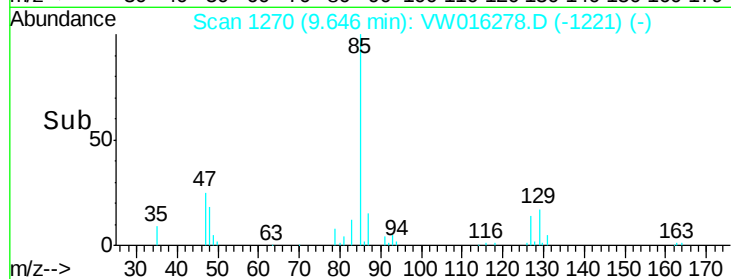
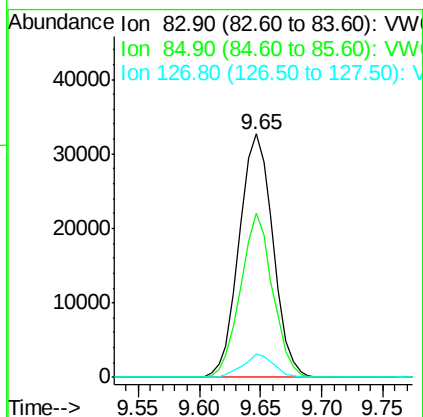
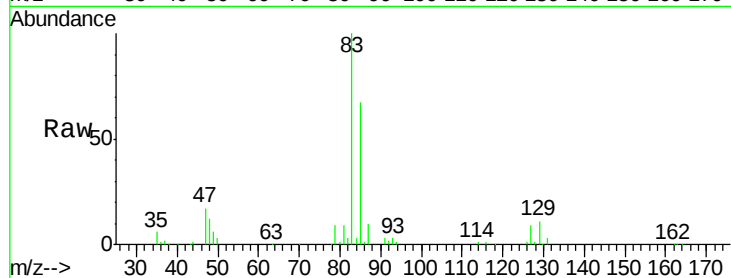
ClientSampled :

VW0821SBS01

Tot Ion:	83	Resp:	62814
Ion Ratio	Lower	Upper	
83	100		
85	67.3	53.3	79.9
127	9.4	7.4	11.2

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#48

Methyl methacrylate

Concen: 20.719 ug/l

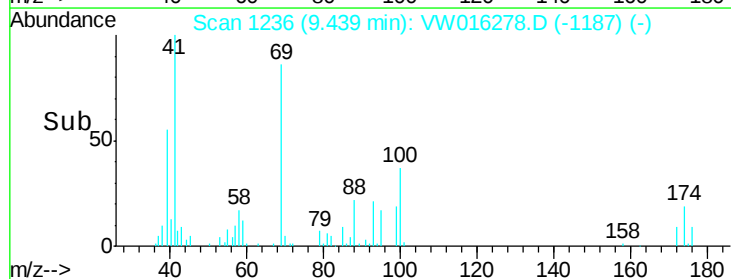
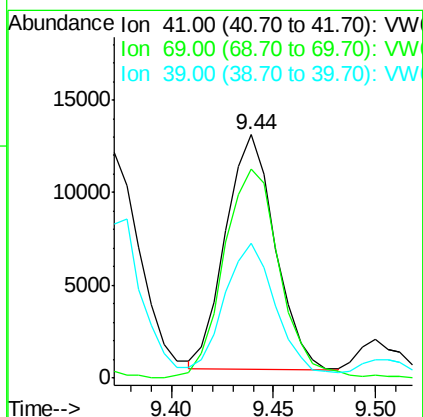
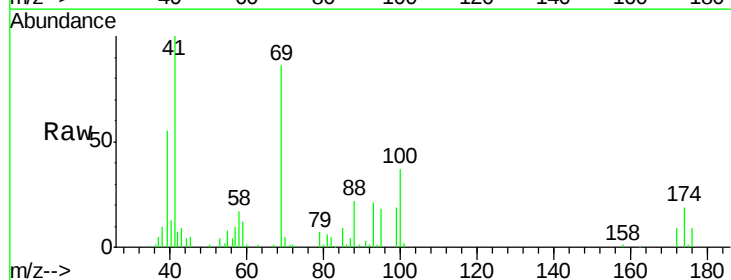
RT: 9.44 min Scan# 1236

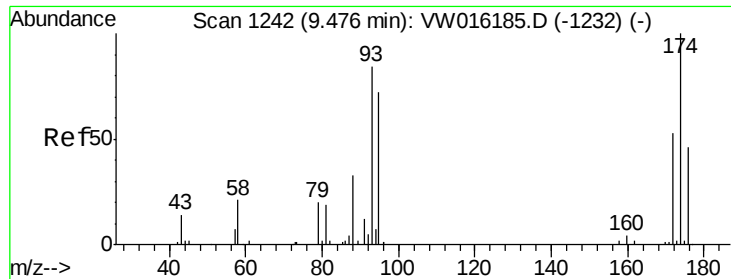
Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	41	Resp:	21402
Ion Ratio	Lower	Upper	
41	100		
69	100.2	77.4	116.0
39	55.7	42.2	63.2





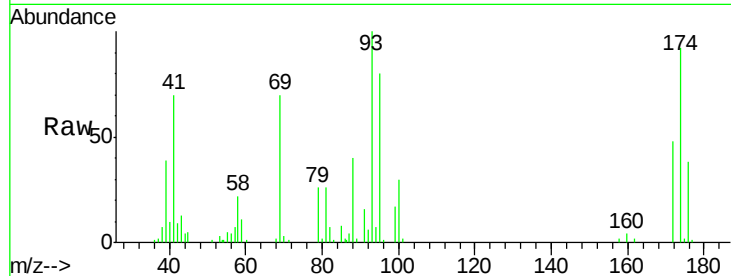
#49
1,4-Dioxane
Concen: 516.289 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

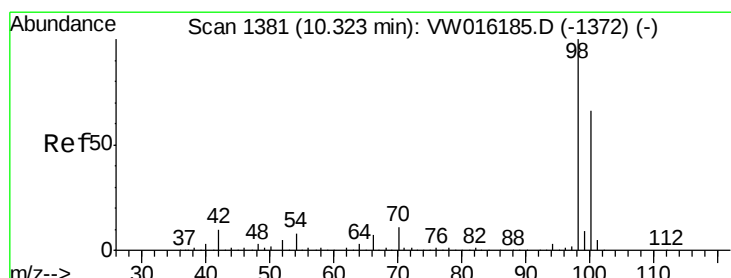
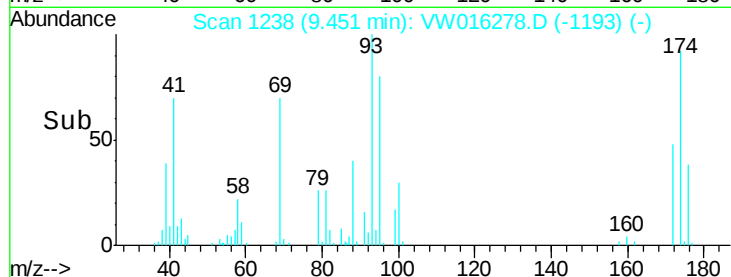
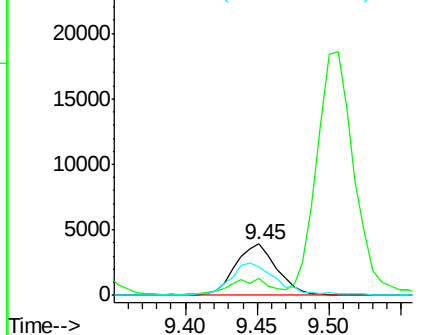
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	0.0	0.0#
58	71.8	56.6	84.8

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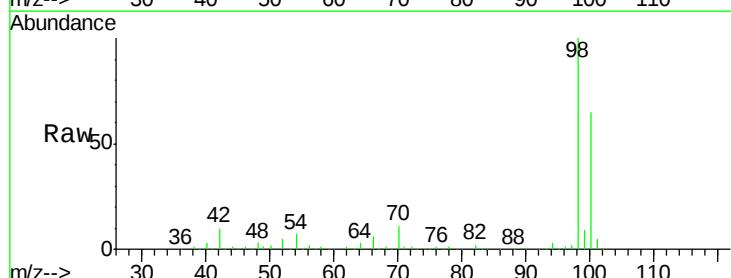


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

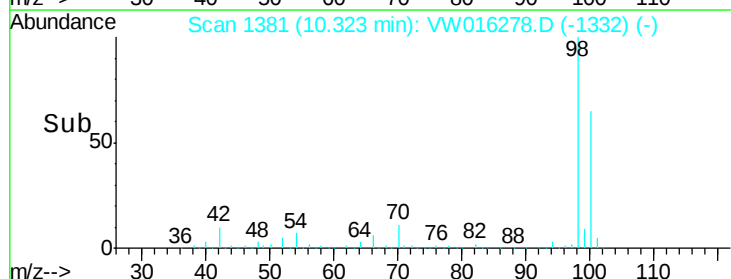
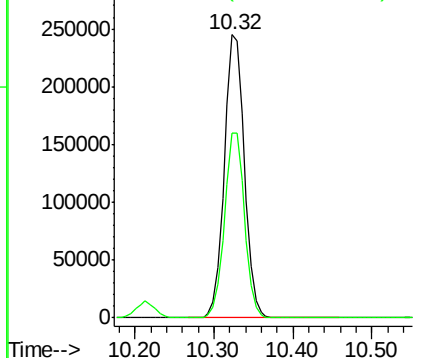


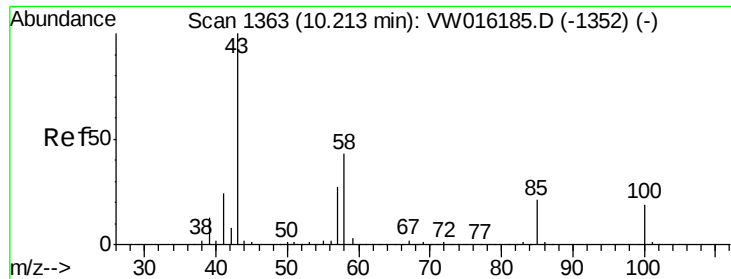
#50
Toluene-d8
Concen: 51.568 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 107.917 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 43 Resp: 121281

Ion Ratio Lower Upper

43 100

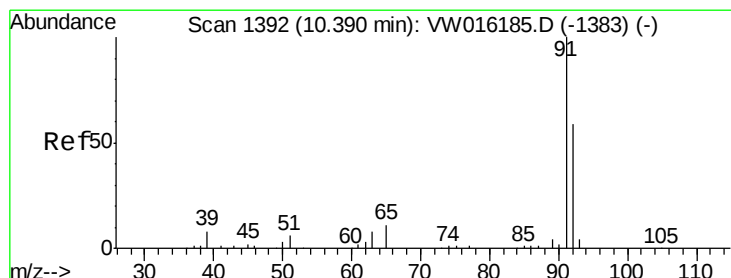
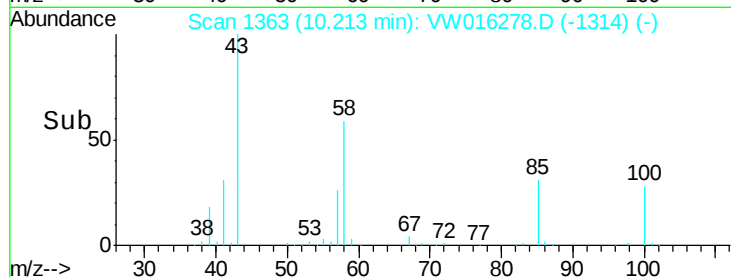
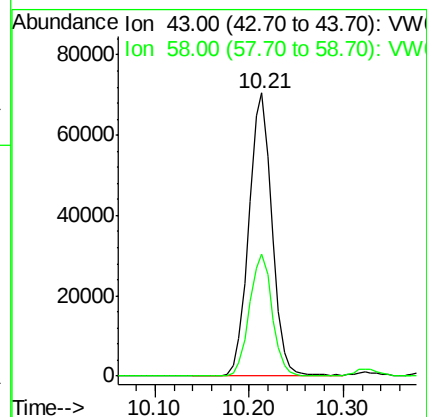
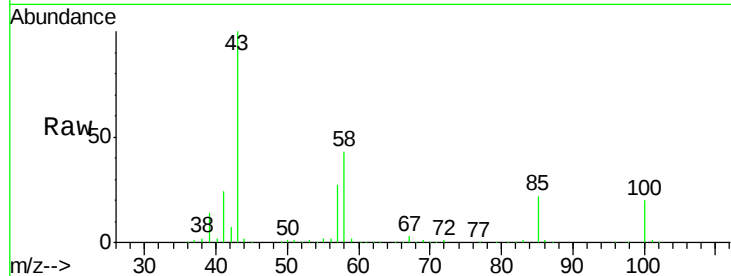
58 42.4 33.7 50.5

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#52

Toluene

Concen: 19.963 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016278.D

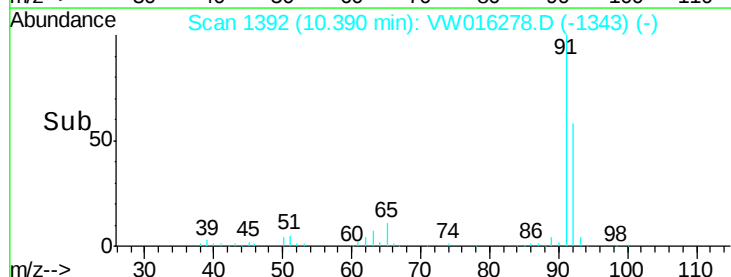
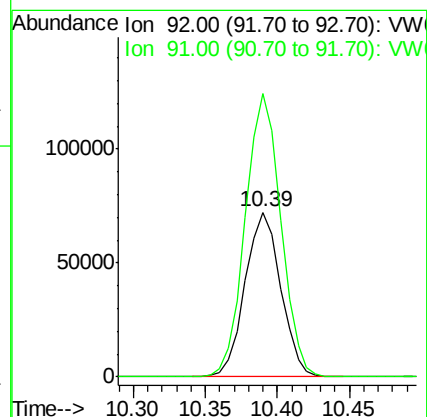
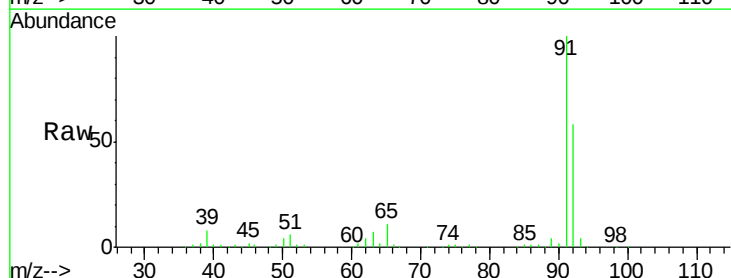
Acq: 20 Aug 2020 23:05

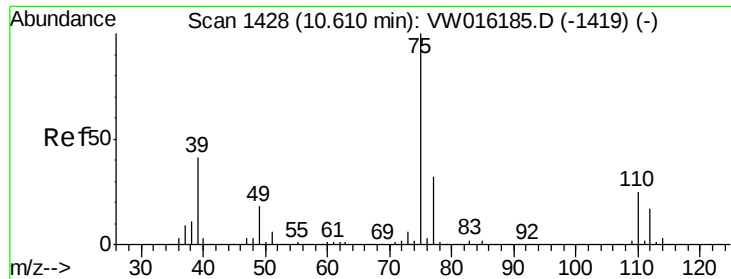
Tgt Ion: 92 Resp: 123882

Ion Ratio Lower Upper

92 100

91 171.7 133.3 199.9





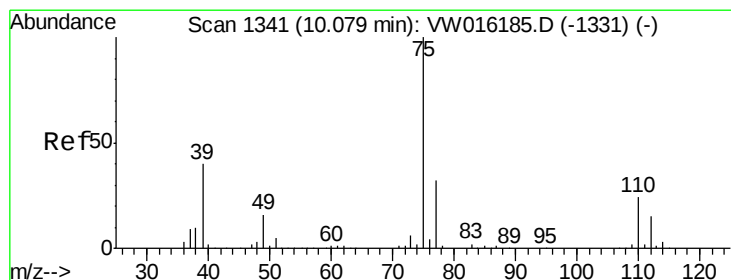
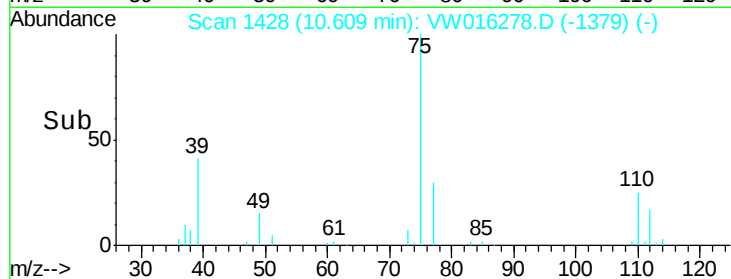
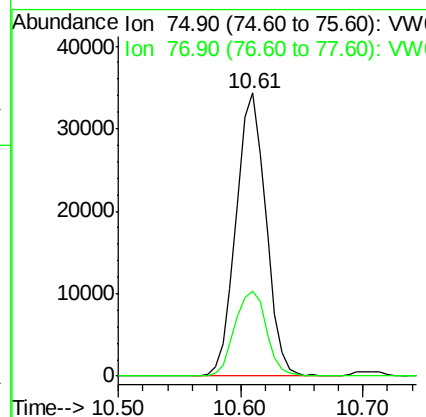
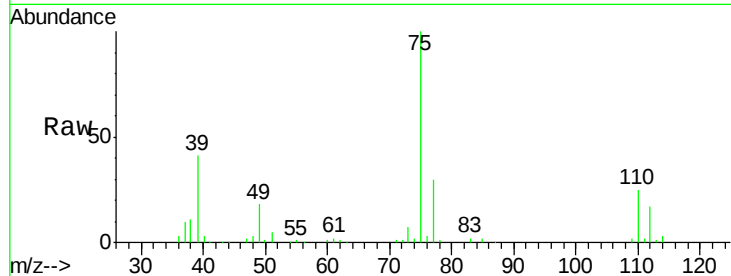
#53
 t-1,3-Dichloropropene
 Concen: 20.224 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion: 75 Resp: 58024
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4

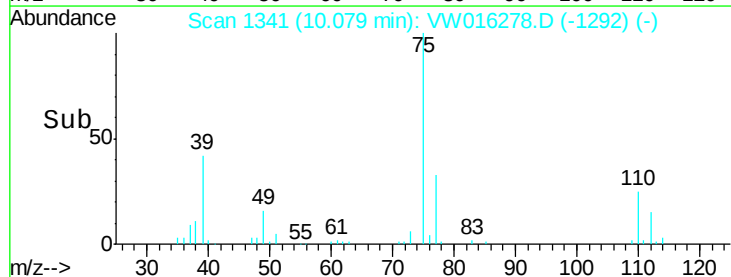
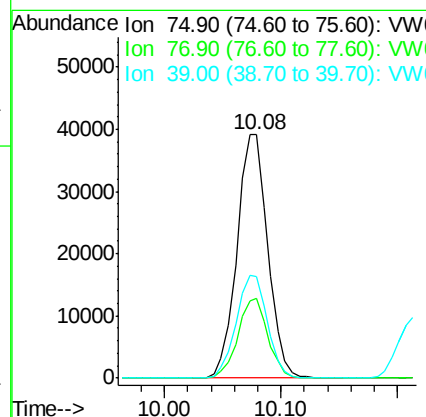
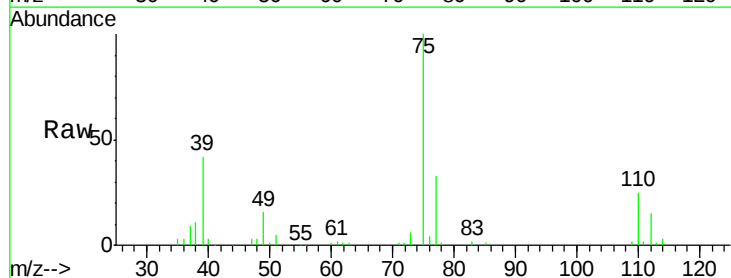
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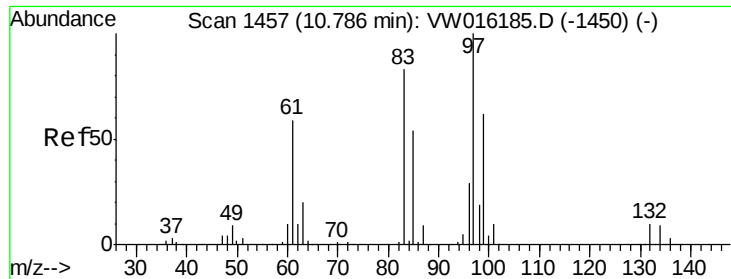
MMDadoda
 8/21/2020 11:25:53 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.198 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion: 75 Resp: 72024
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9
 39 41.8 32.3 48.5





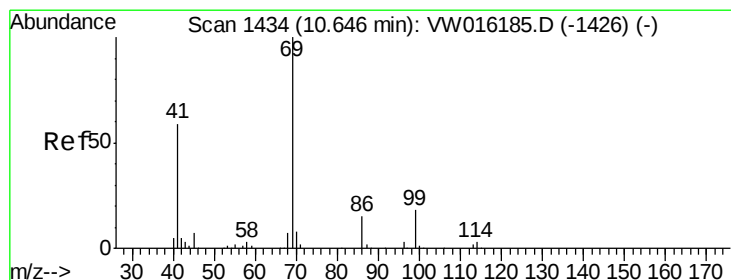
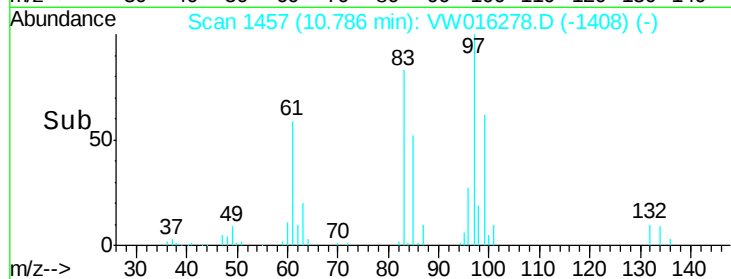
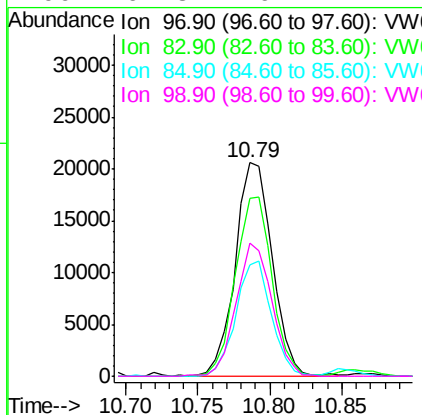
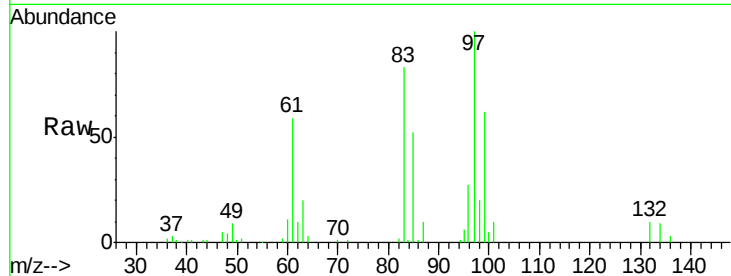
#55
 1,1,2-Trichloroethane
 Concen: 21.485 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		36973		
83	83.4	66.6	100.0		
85	52.2	43.0	64.4		
99	62.3	49.4	74.2		

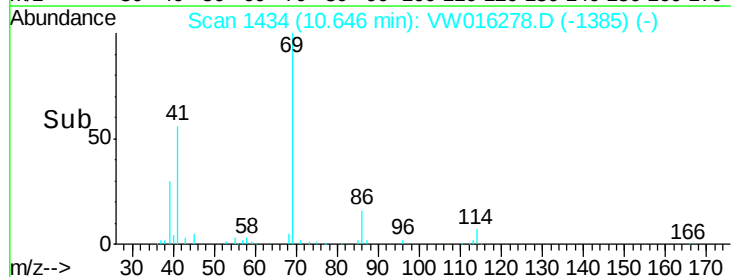
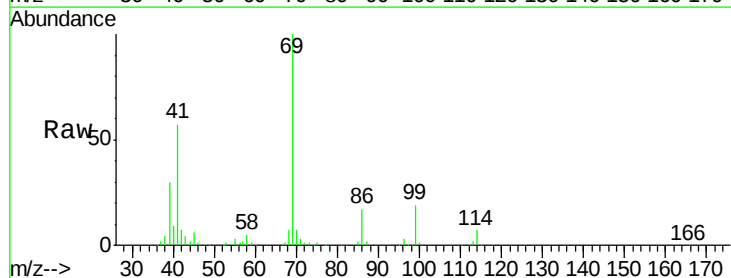
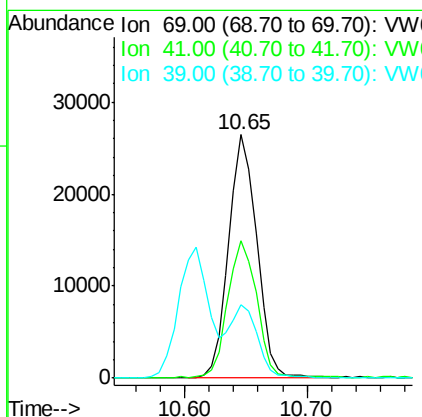
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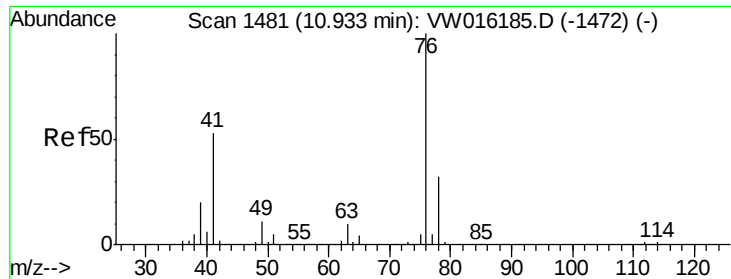
MMDadoda
 8/21/2020 11:25:53 AM



#56
 Ethyl methacrylate
 Concen: 21.615 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		42418		
41	58.3	47.6	71.4		
39	31.0	24.6	36.8		





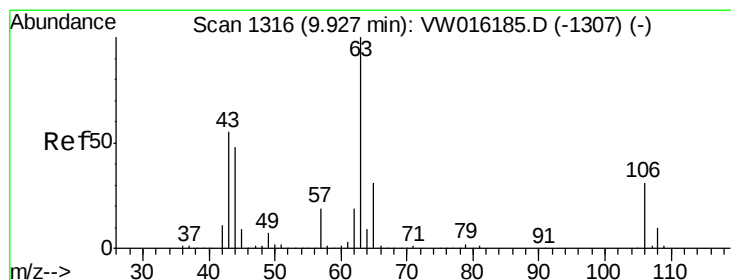
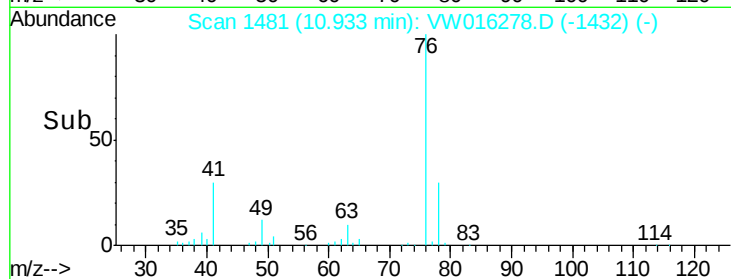
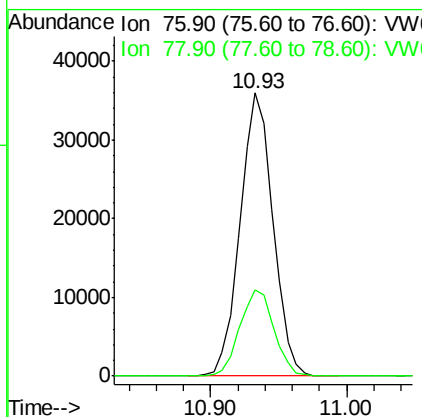
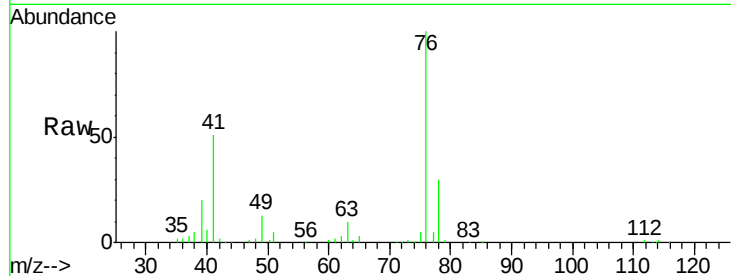
#57
 1,3-Dichloropropane
 Concen: 20.741 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.8

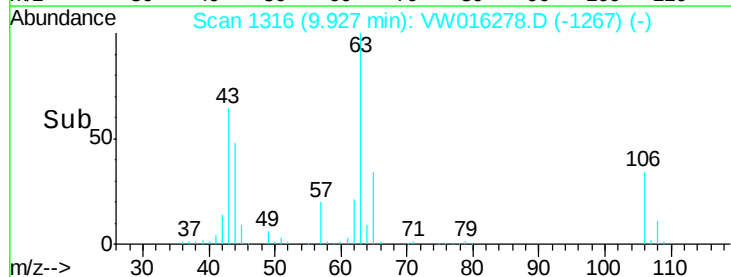
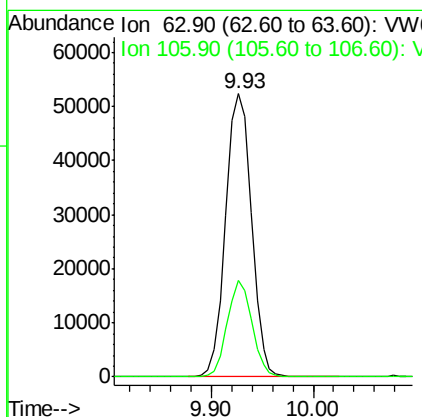
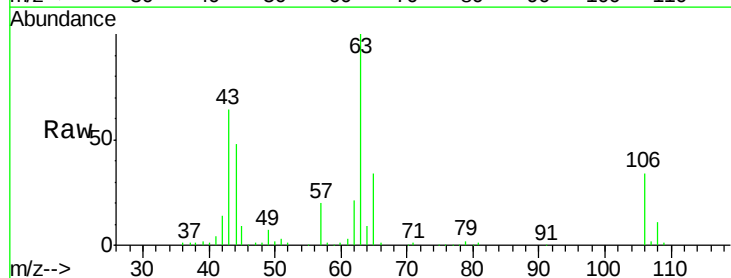
Manual Integrations
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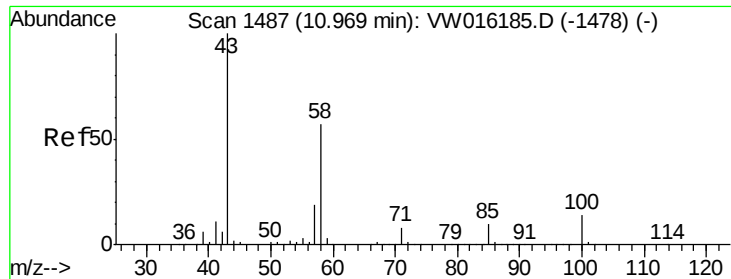
MMDadoda
 8/21/2020 11:25:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.569 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	24.9	37.3





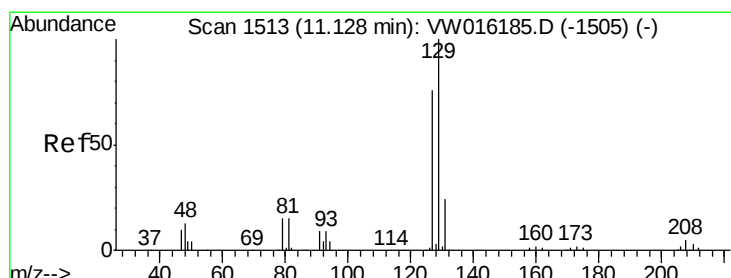
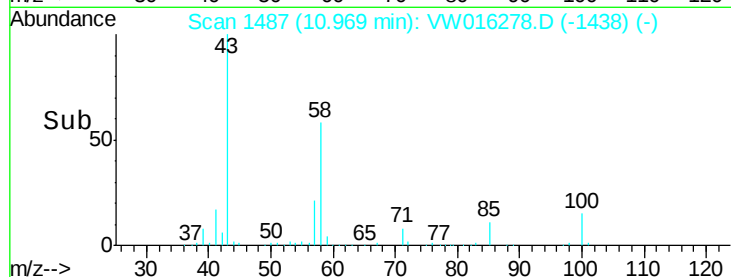
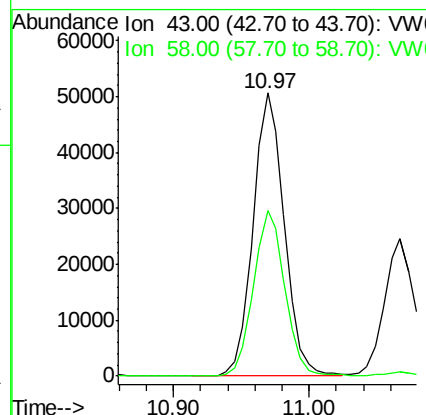
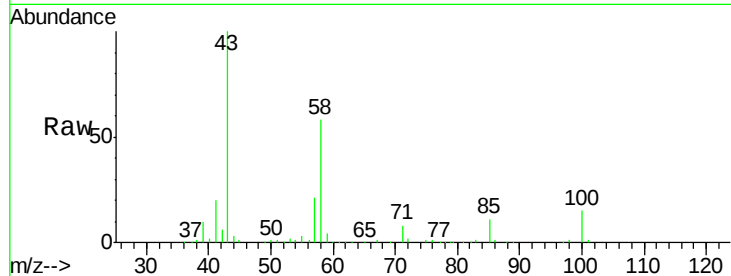
#59
2-Hexanone
Concen: 105.982 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 43 Resp: 81482
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.5

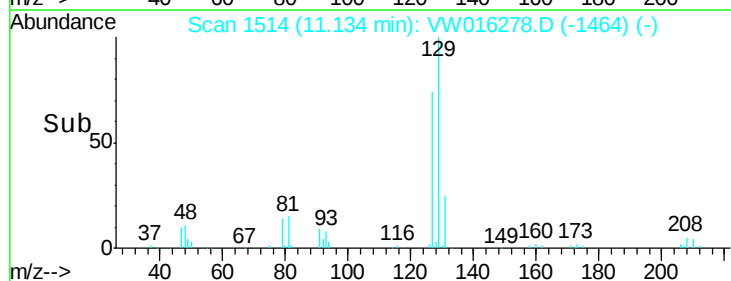
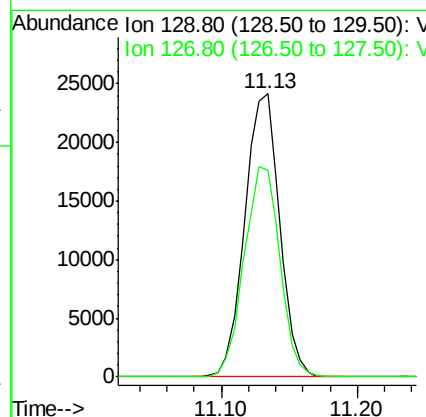
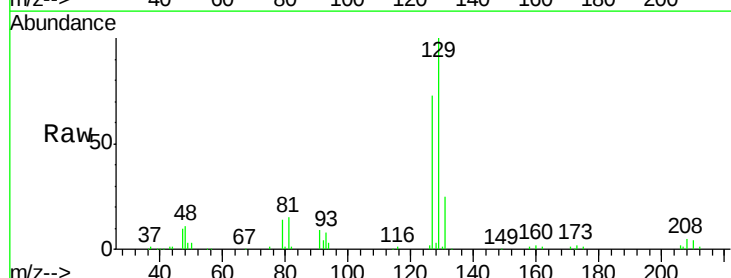
Manual Integrations
APPROVED

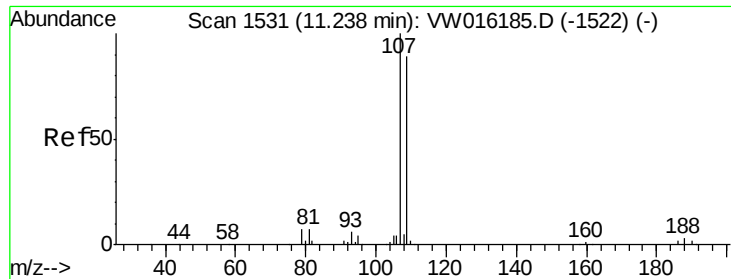
MMDadoda
8/21/2020 11:25:53 AM



#60
Dibromochloromethane
Concen: 21.194 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion: 129 Resp: 43387
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8





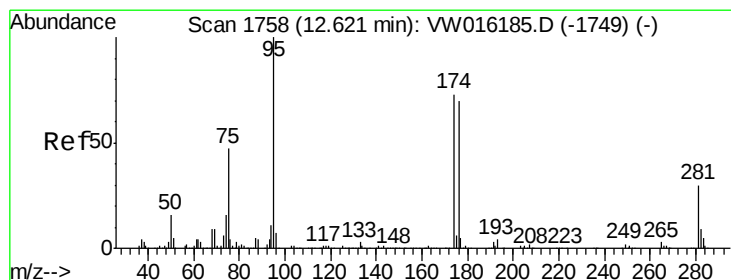
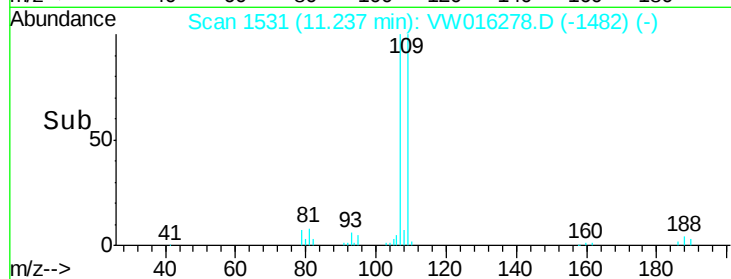
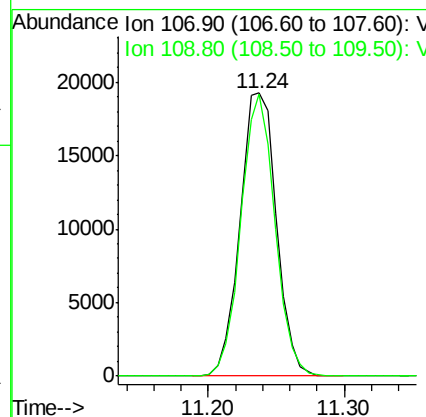
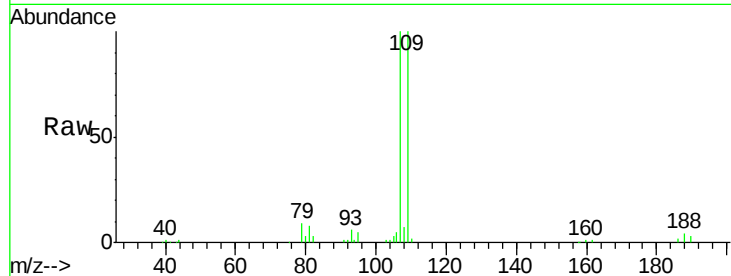
#61
 1,2-Dibromoethane
 Concen: 21.712 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.7	112.1

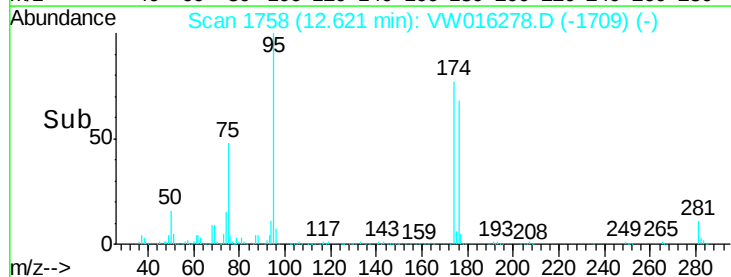
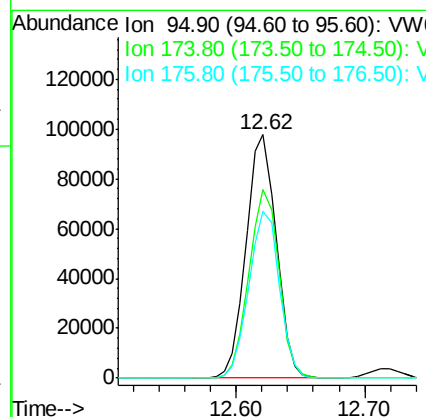
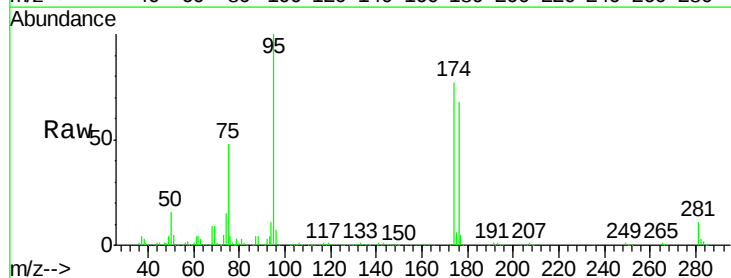
Manual Integrations
 APPROVED

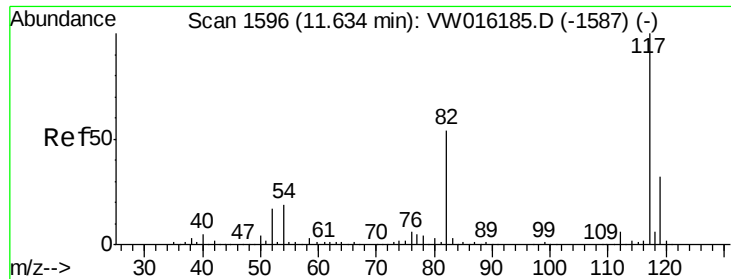
MMDadoda
 8/21/2020 11:25:53 AM



#62
 4-Bromofluorobenzene
 Concen: 53.082 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	145.6
176	69.2	0.0	137.8





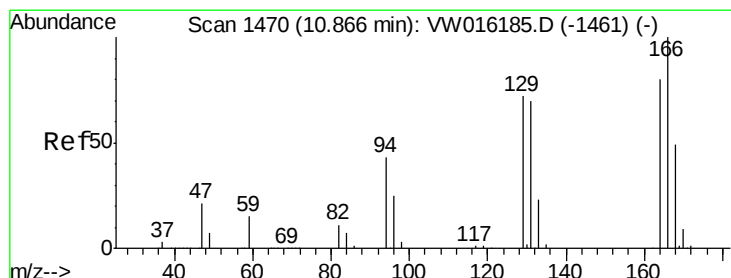
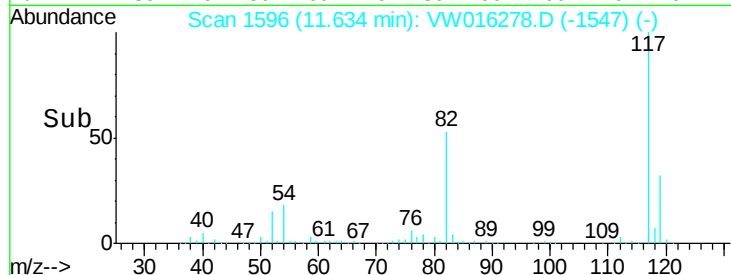
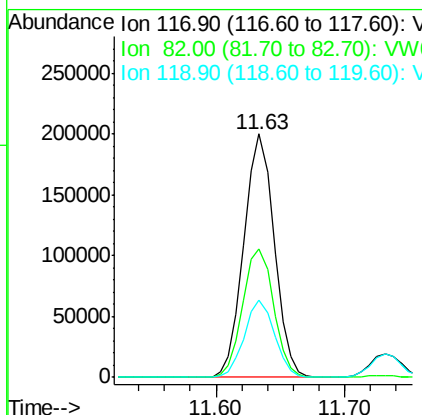
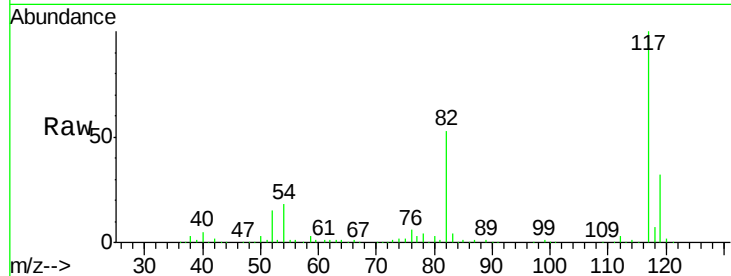
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.6	65.4
119	31.7	25.4	38.0

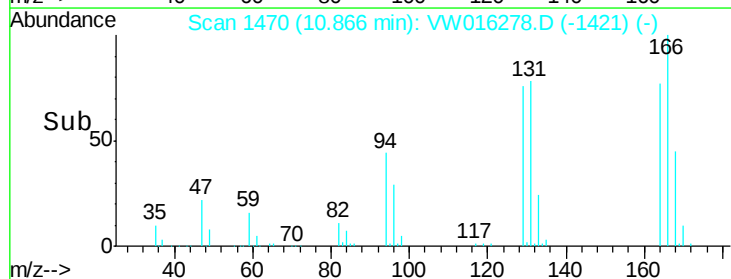
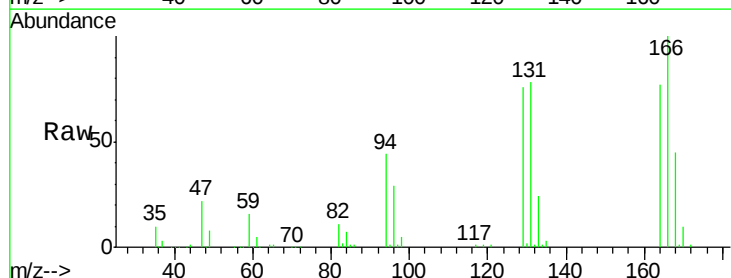
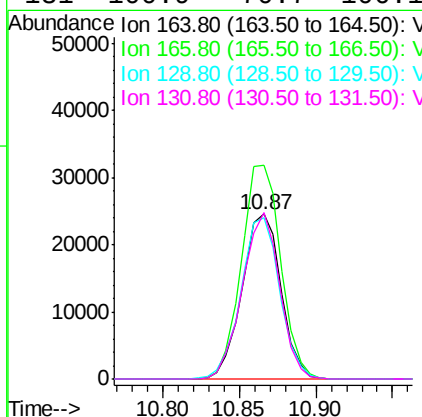
Manual Integrations
APPROVED

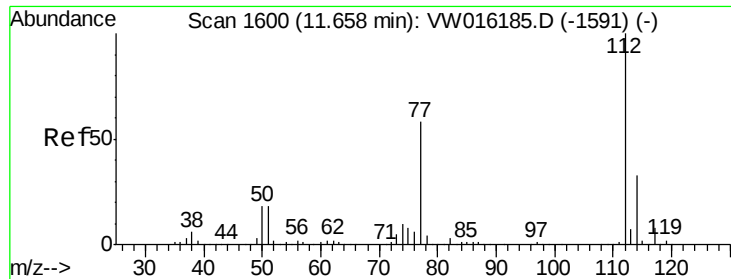
MMDadoda
8/21/2020 11:25:53 AM



#64
Tetrachloroethene
Concen: 20.232 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	100.3	150.5
129	97.7	72.2	108.4
131	100.9	70.7	106.1





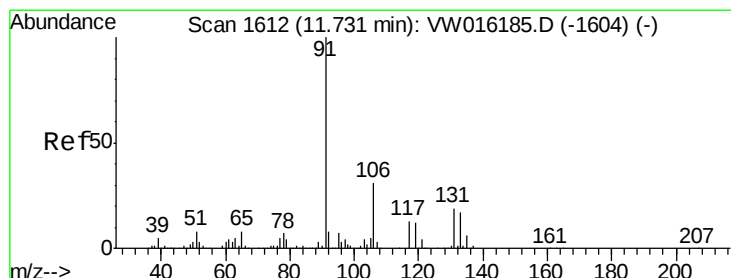
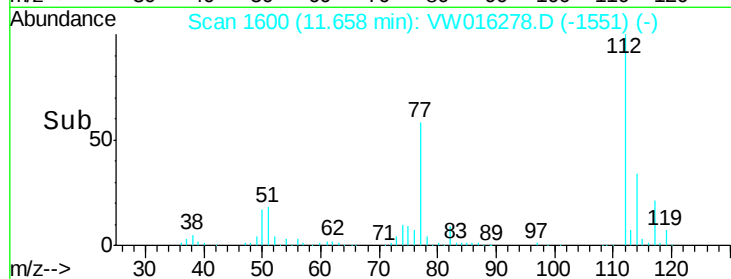
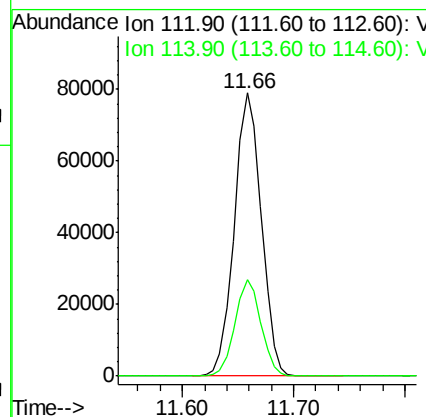
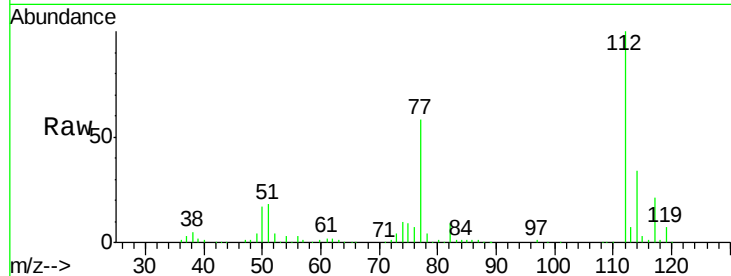
#65
Chlorobenzene
Concen: 19.795 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.0	26.6	39.8

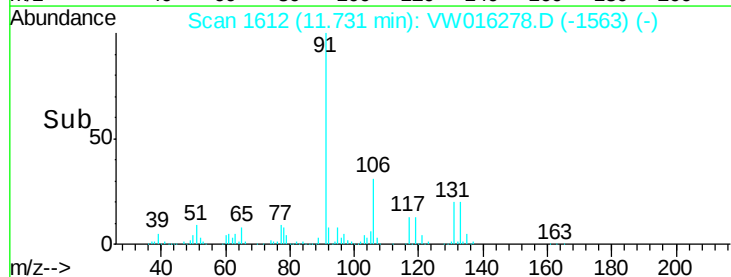
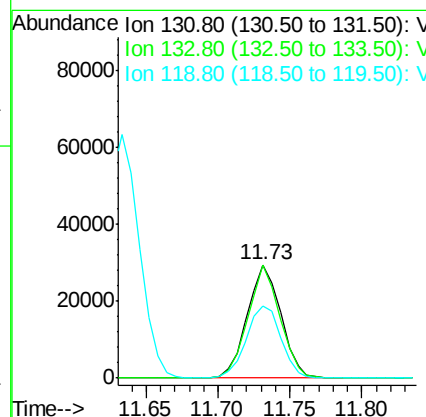
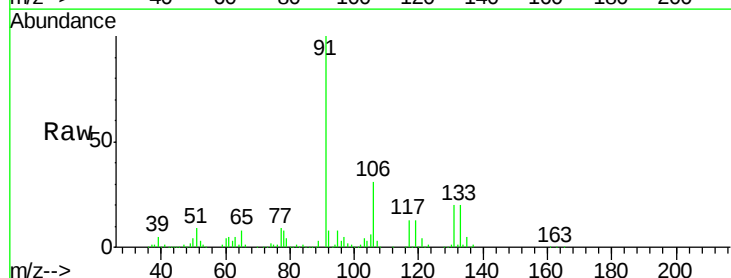
Manual Integrations
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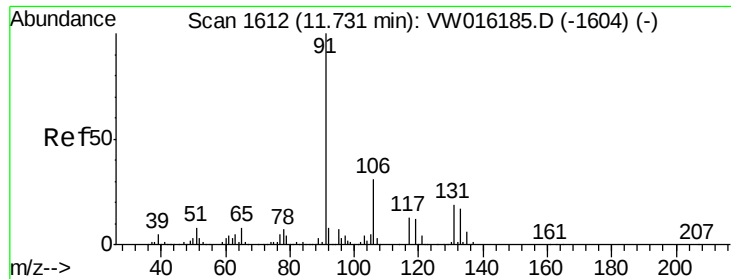
MMDadoda
8/21/2020 11:25:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.366 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.1	141.3
119	65.7	33.1	99.3





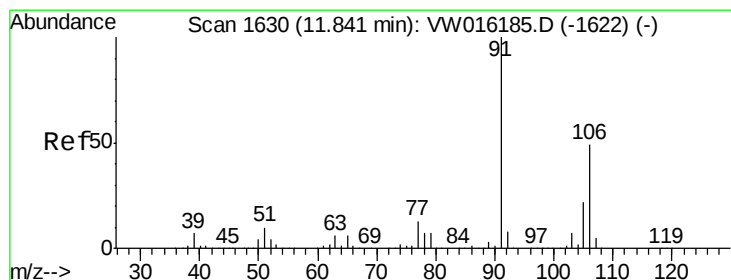
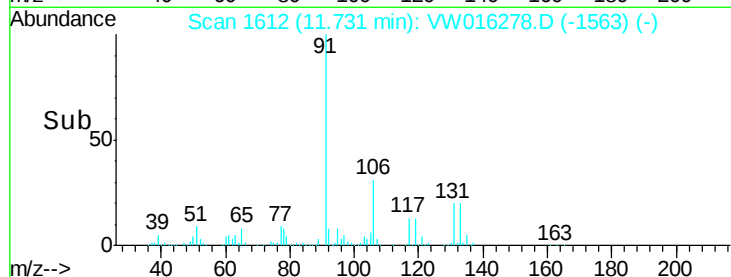
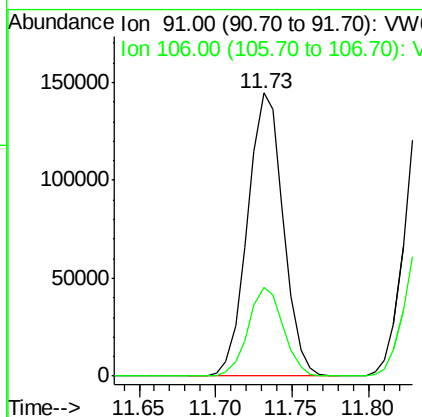
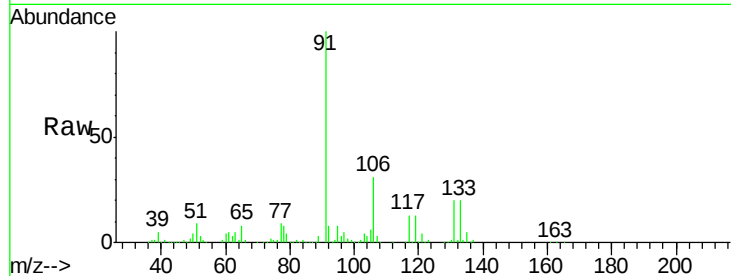
#67
Ethyl Benzene
Concen: 19.521 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 91 Resp: 234797
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

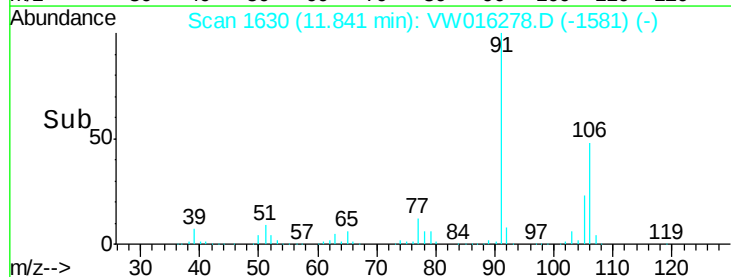
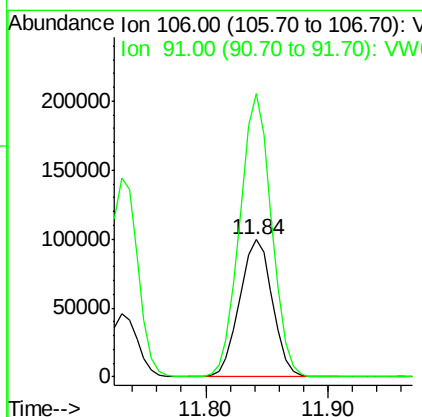
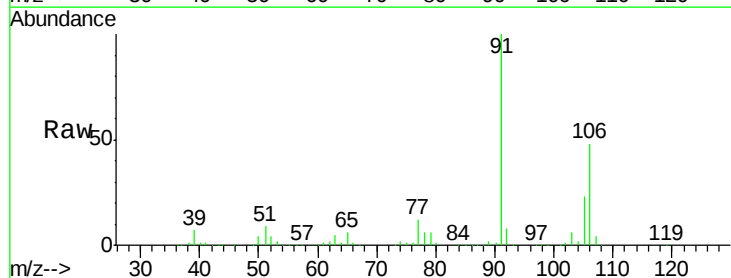
Manual Integrations
APPROVED

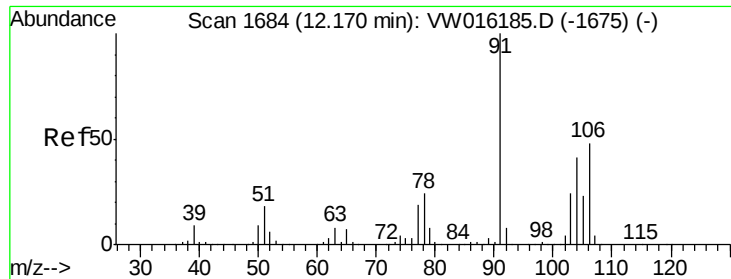
MMDadoda
8/21/2020 11:25:53 AM



#68
m/p-Xylenes
Concen: 40.008 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion: 106 Resp: 184969
Ion Ratio Lower Upper
106 100
91 199.0 161.4 242.2





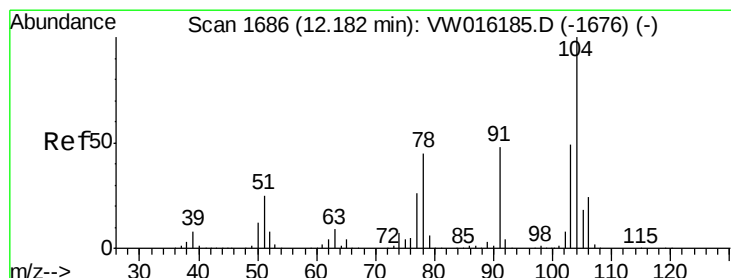
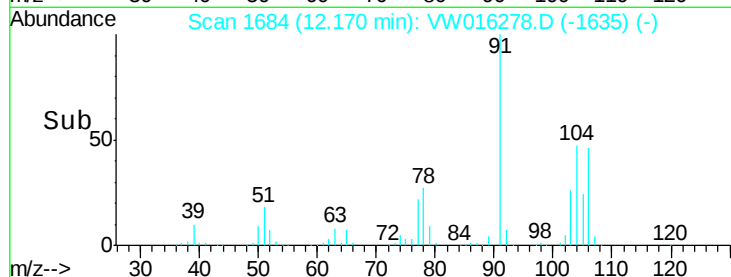
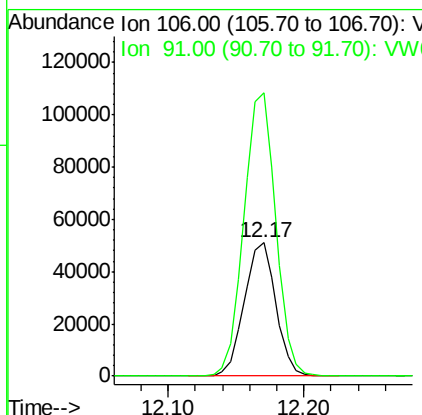
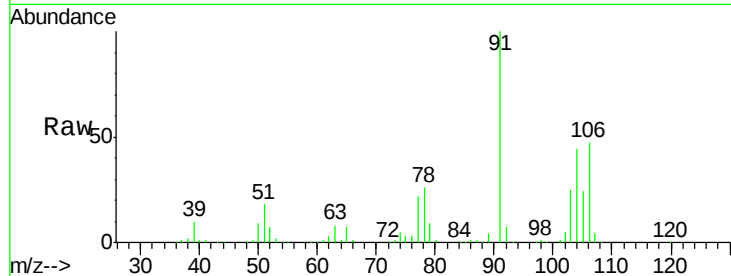
#69
o-Xylene
Concen: 20.152 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion:106 Resp: 83005
Ion Ratio Lower Upper
106 100
91 214.9 106.0 317.9

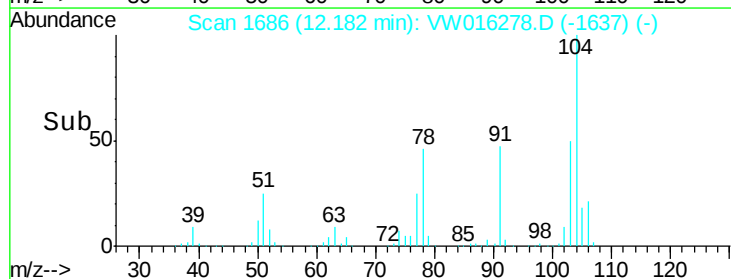
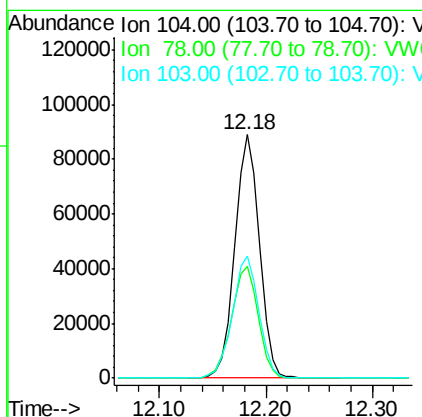
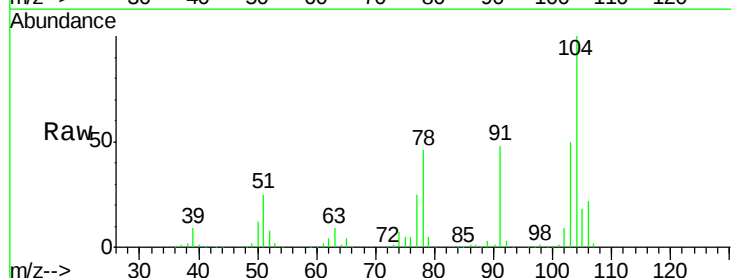
Manual Integrations
APPROVED

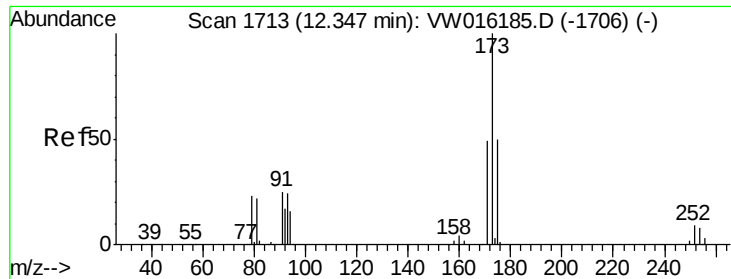
MMDadoda
8/21/2020 11:25:53 AM



#70
Styrene
Concen: 20.275 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion:104 Resp: 144509
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 53.7 42.9 64.3





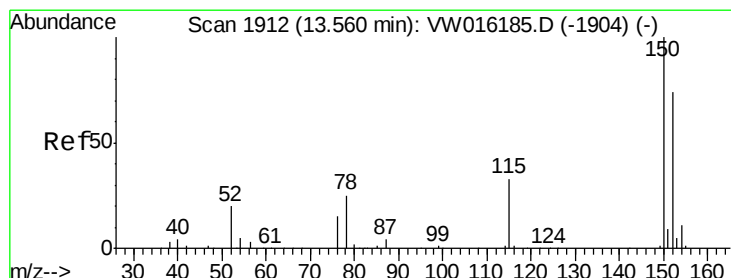
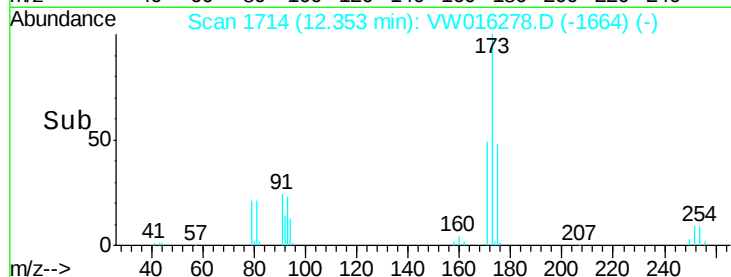
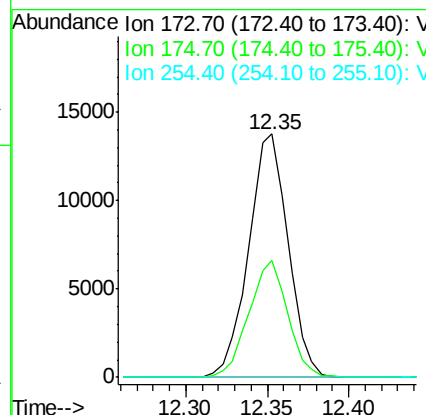
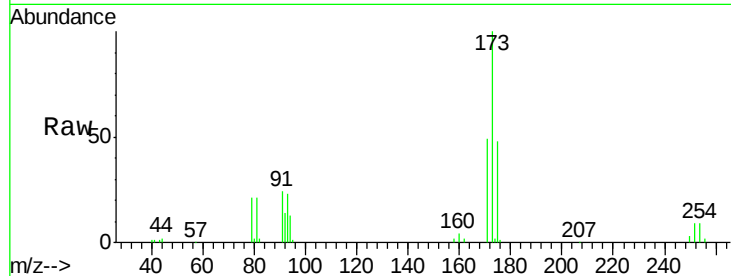
#71
Bromoform
Concen: 22.200 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.7	74.1
254	0.0	0.0	0.0

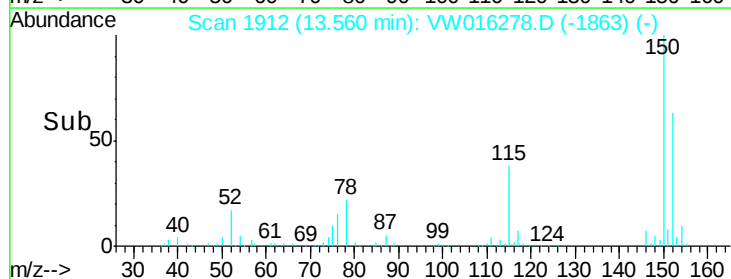
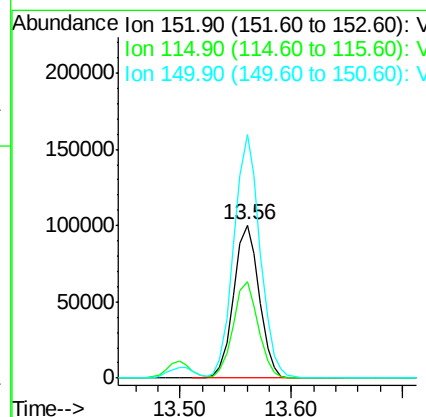
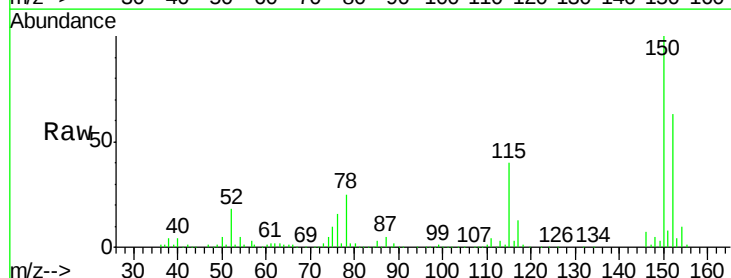
Manual Integrations
APPROVED

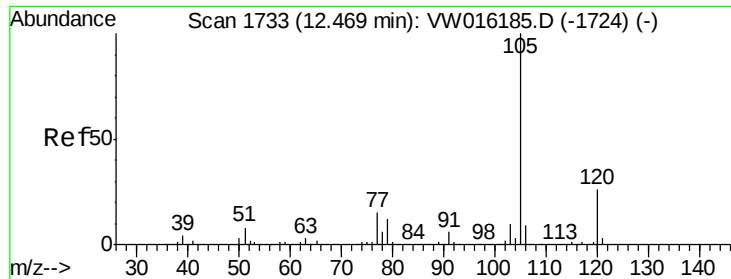
MMDadoda
8/21/2020 11:25:53 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.9	92.5
150	164.3	0.0	337.8





#73

Isopropylbenzene

Concen: 18.731 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion:105 Resp: 226045

Ion Ratio Lower Upper

105 100

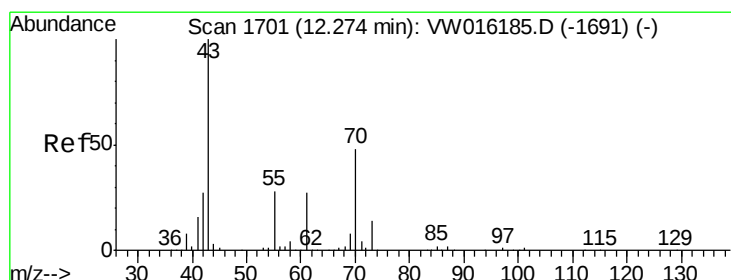
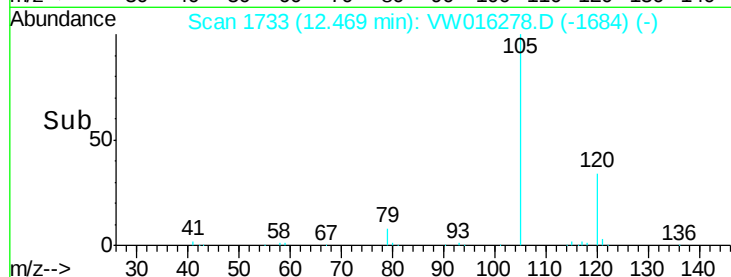
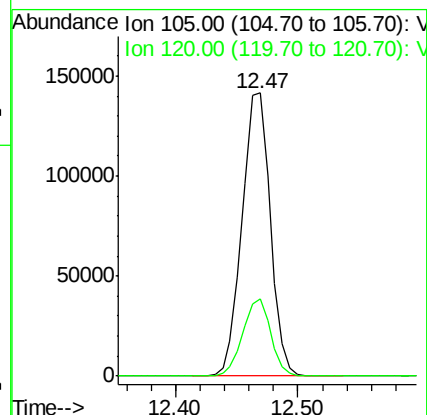
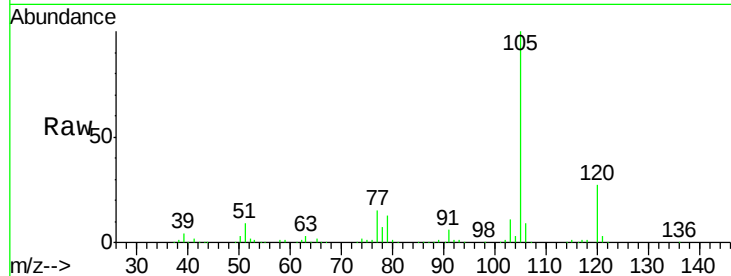
120 26.8 13.2 39.6

Manual Integrations

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8/21/2020 11:25:53 AM



#74

N-ethyl acetate

Concen: 19.098 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion: 43 Resp: 41275

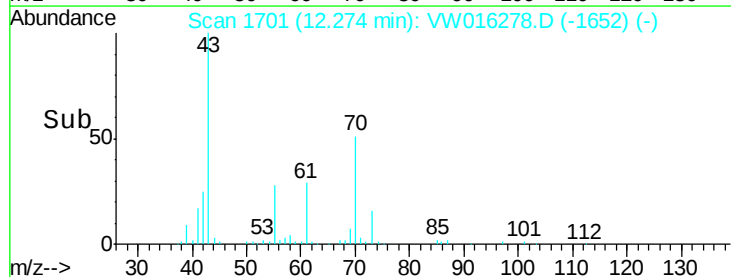
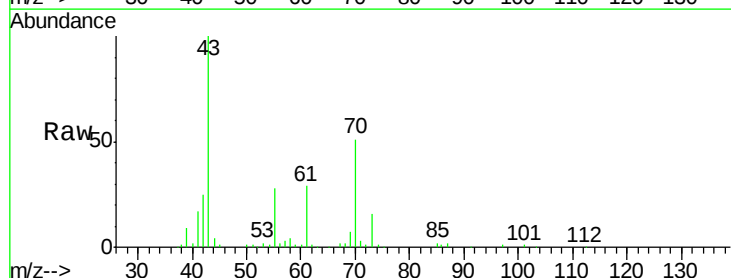
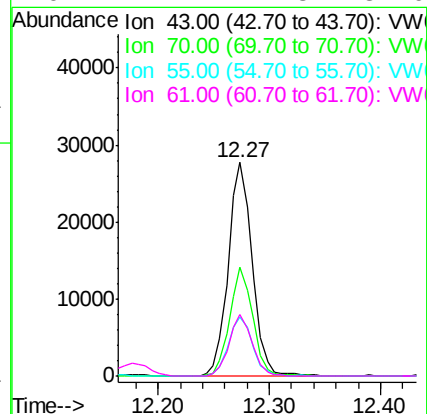
Ion Ratio Lower Upper

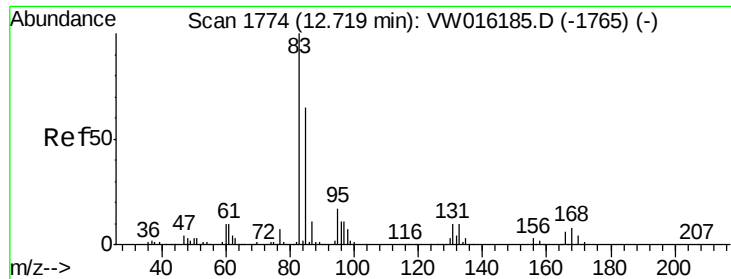
43 100

70 49.2 38.6 58.0

55 27.9 22.2 33.2

61 27.7 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.475 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

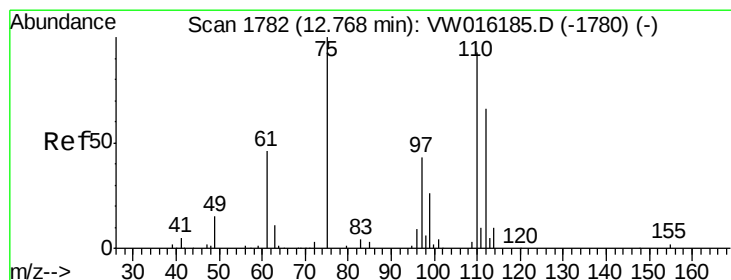
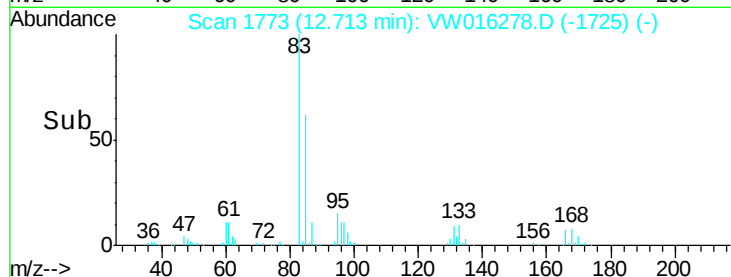
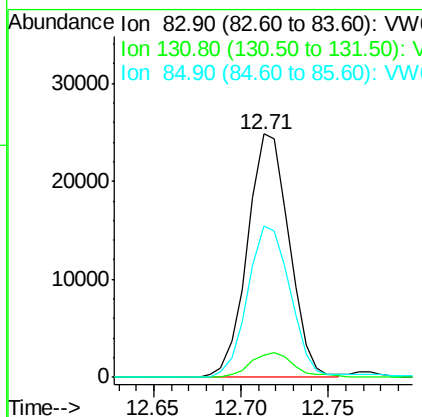
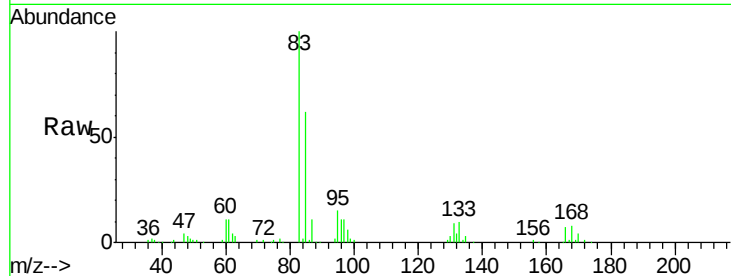
ClientSampleId :

VW0821SBS01

Tot Ion:	83	Resp:	41347
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	63.2	31.3	93.9

Manual Integrations
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8/21/2020 11:25:53 AM



#76

1,2,3-Trichloropropane

Concen: 19.237 ug/l m

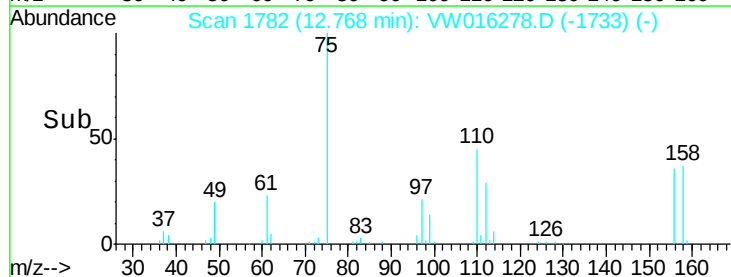
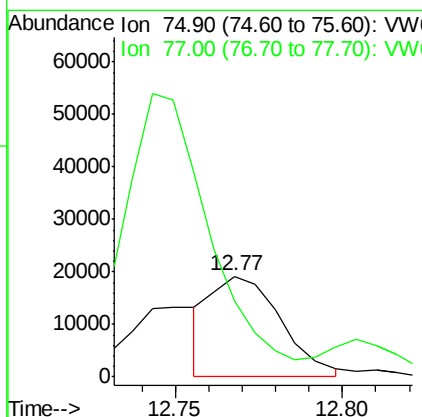
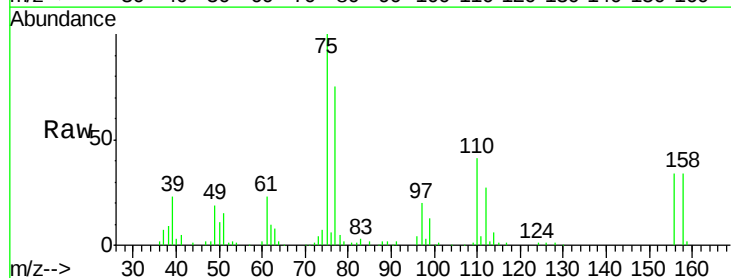
RT: 12.77 min Scan# 1782

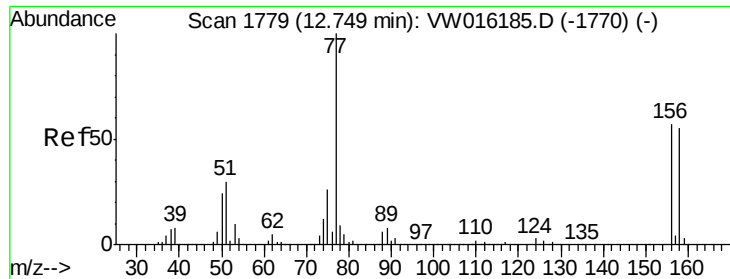
Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Tgt Ion:	75	Resp:	28018
Ion Ratio	Lower	Upper	
75	100		
77	0.0	173.6	520.6#





#77

Bromobenzene

Concen: 19.696 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

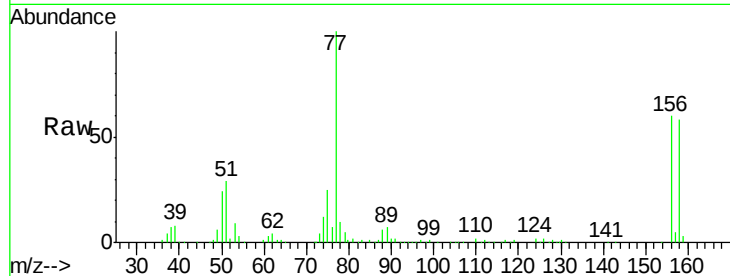
ClientSampleId :

VW0821SBS01

Tot Ion:	156	Resp:	52573
Ion Ratio	Lower	Upper	
156	100		
77	186.4	97.9	293.6
158	96.3	49.0	147.2

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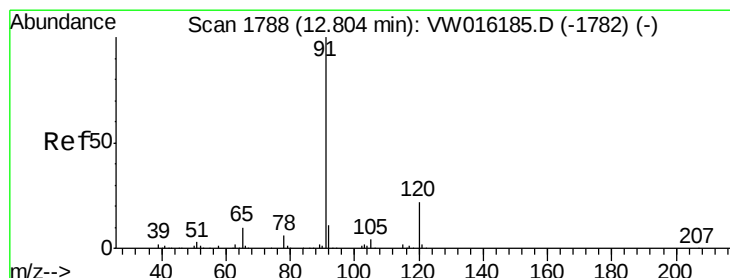
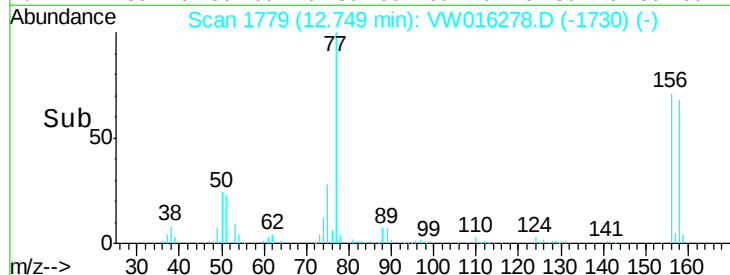
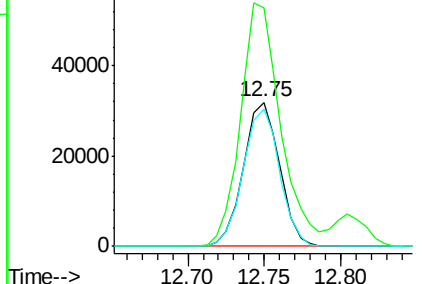
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.925 ug/l

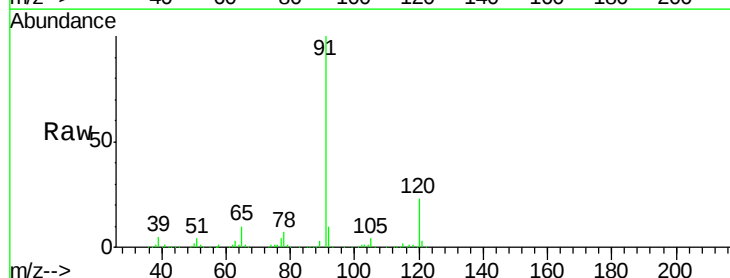
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016278.D

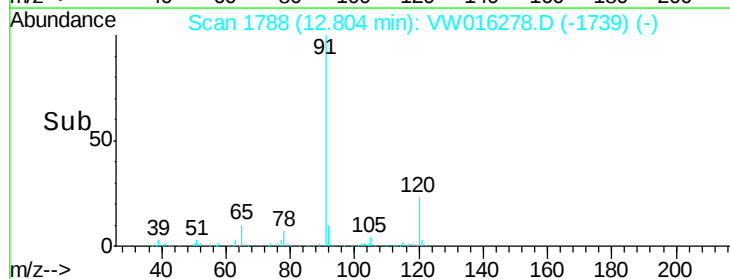
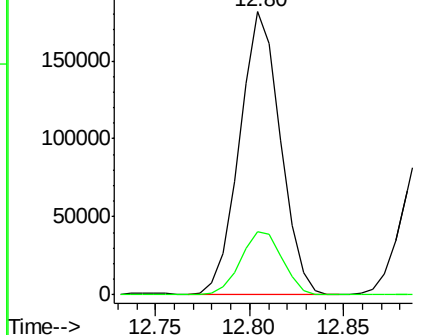
Acq: 20 Aug 2020 23:05

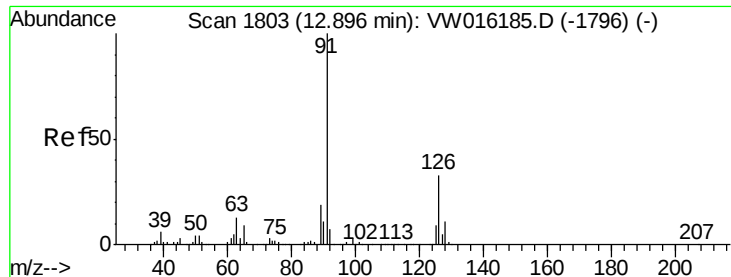
Tgt Ion:	91	Resp:	272607
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016278.D

Acq: 20 Aug 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 91 Resp: 161963

Ion Ratio Lower Upper

91 100

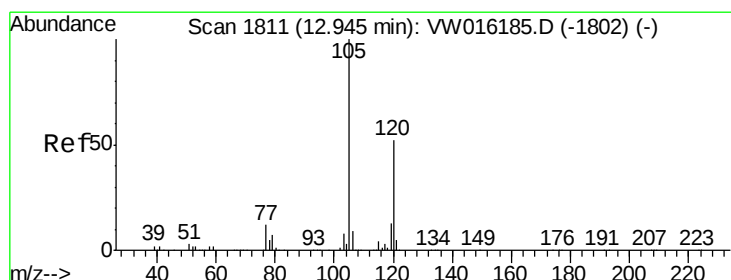
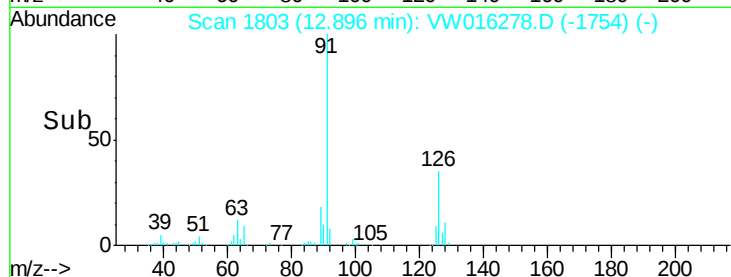
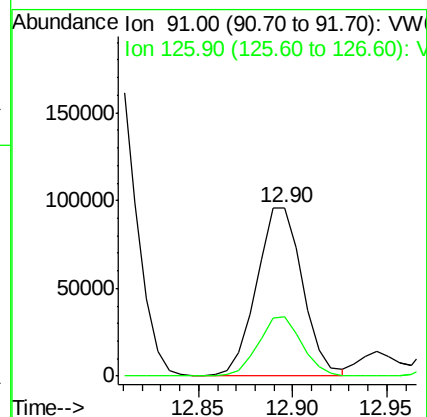
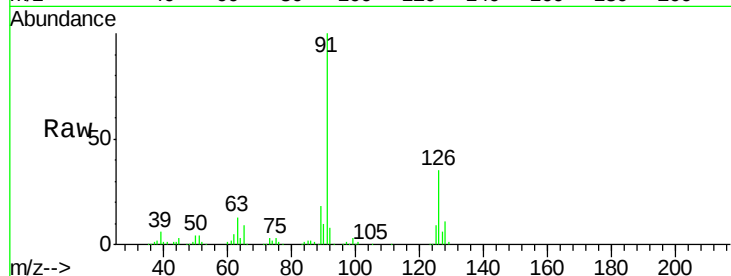
126 33.5 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.707 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016278.D

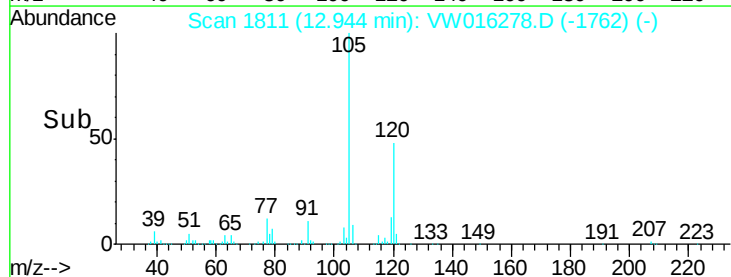
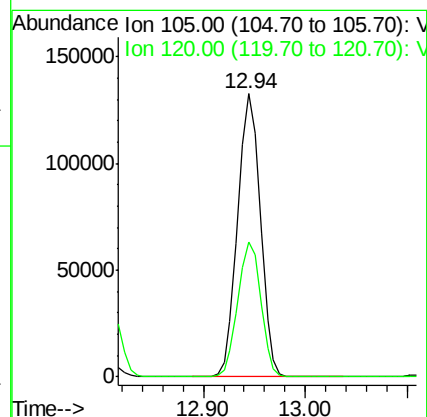
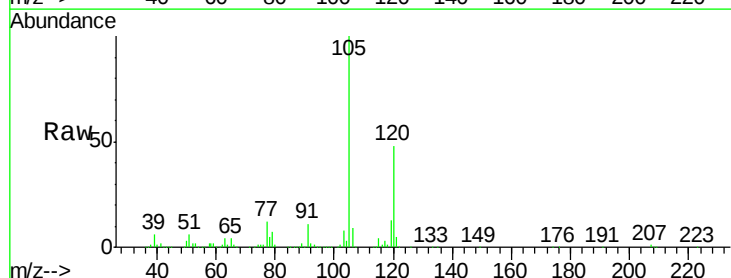
Acq: 20 Aug 2020 23:05

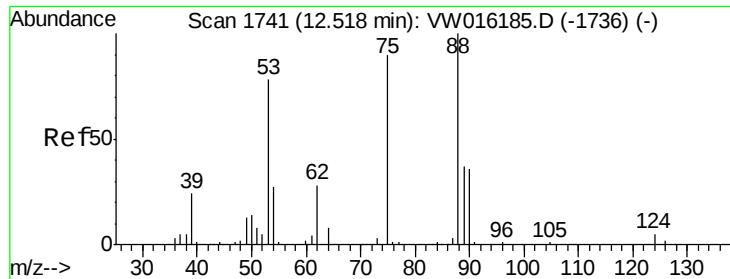
Tgt Ion:105 Resp: 204156

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2





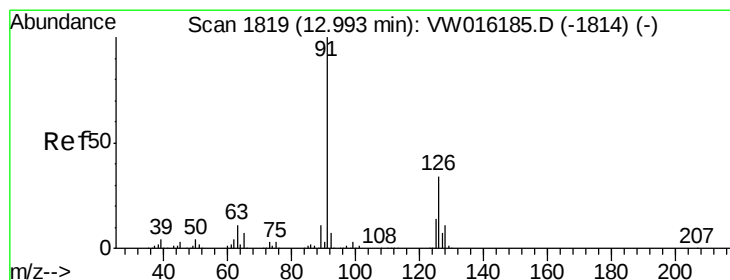
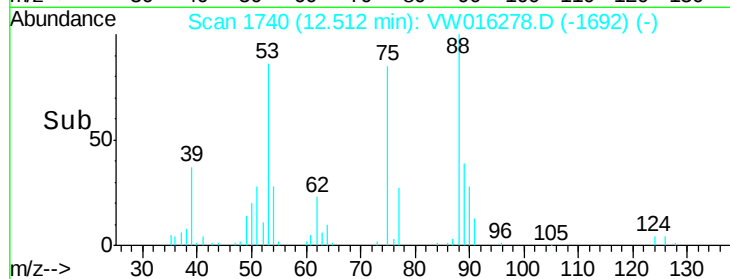
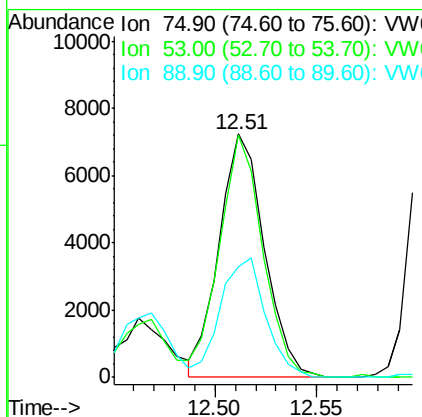
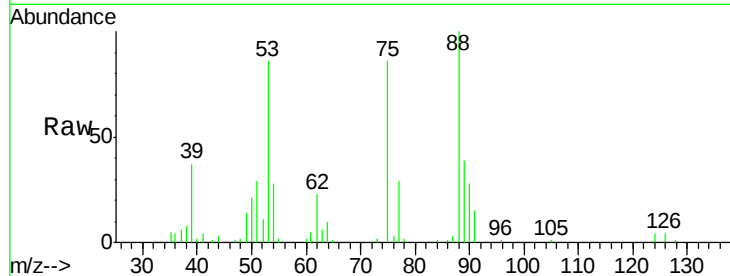
#81
trans-1,4-Dichloro-2-butene
Concen: 18.381 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.1	74.6	111.8
89	48.9	37.2	55.8

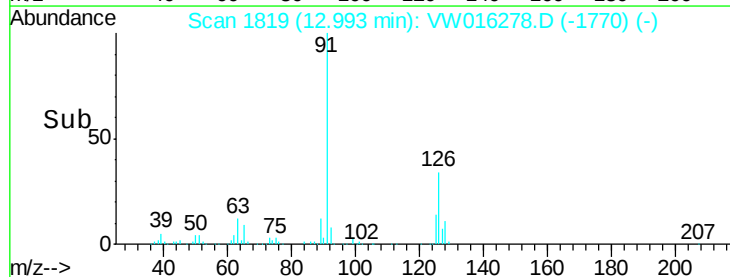
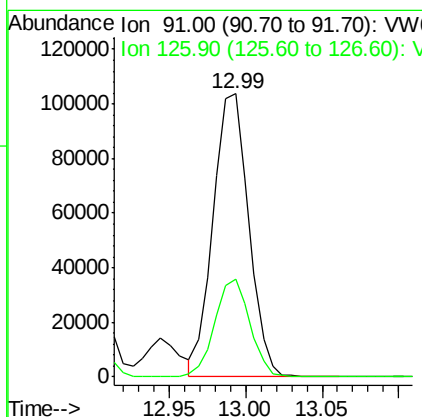
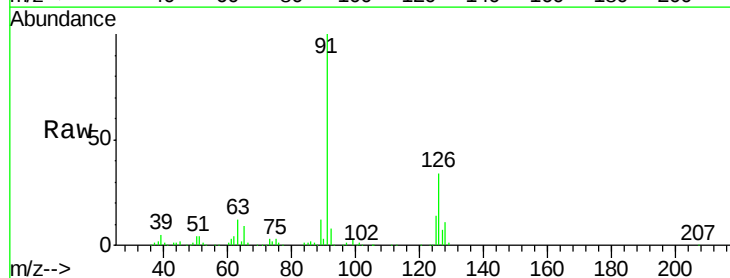
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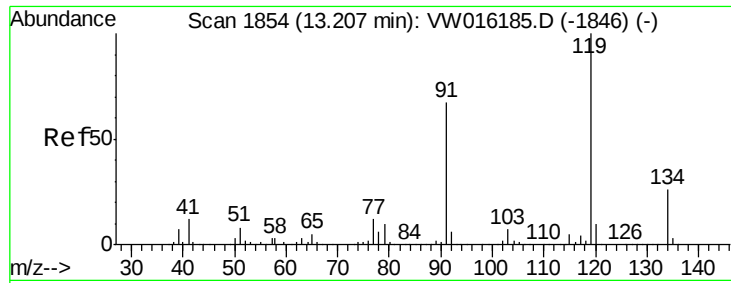
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#82
4-Chlorotoluene
Concen: 19.374 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.6	49.8





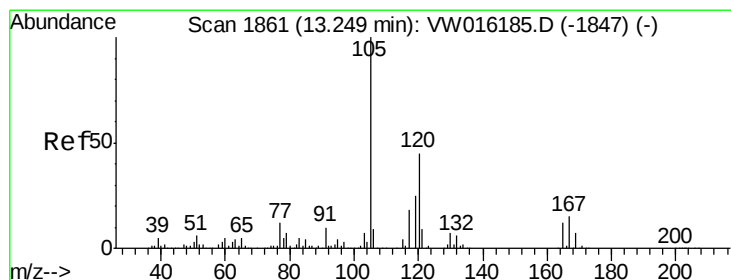
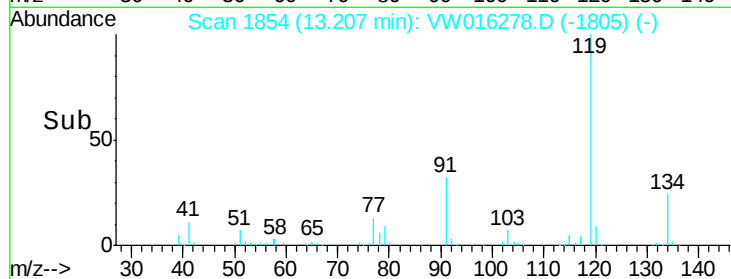
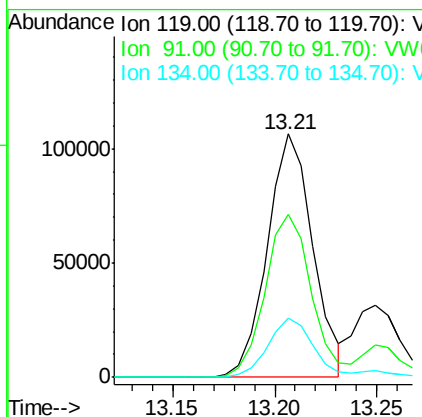
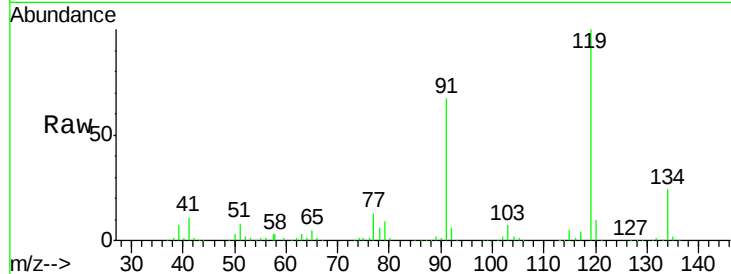
#83
tert-Butylbenzene
Concen: 19.519 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165725		
91	68.3	33.3	99.9	
134	24.1	13.5	40.5	

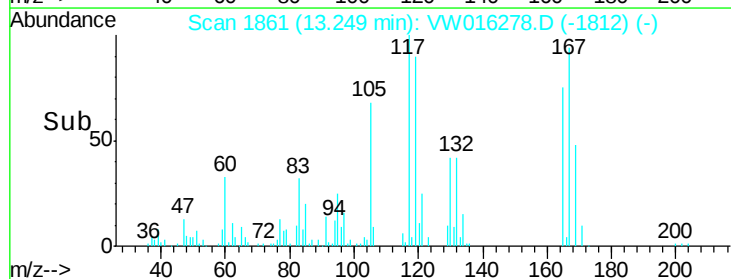
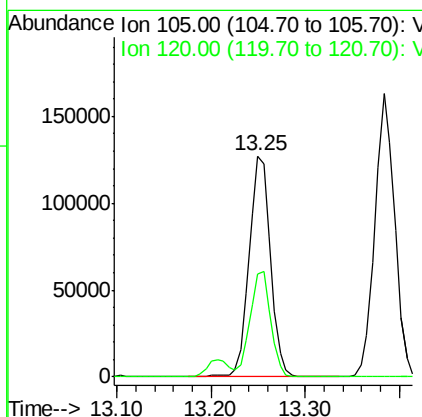
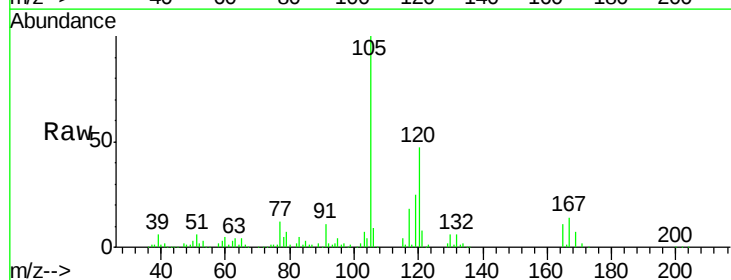
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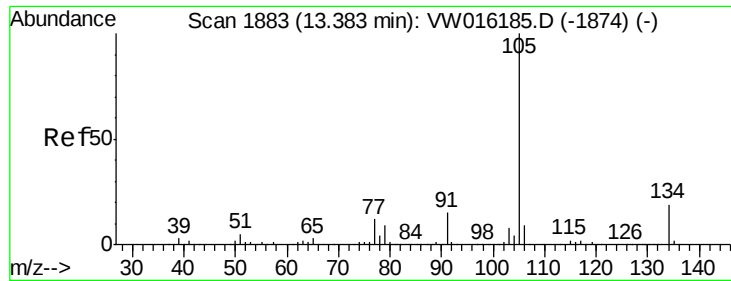
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#84
1,2,4-Trimethylbenzene
Concen: 19.774 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202714		
120	46.1	22.2	66.6	





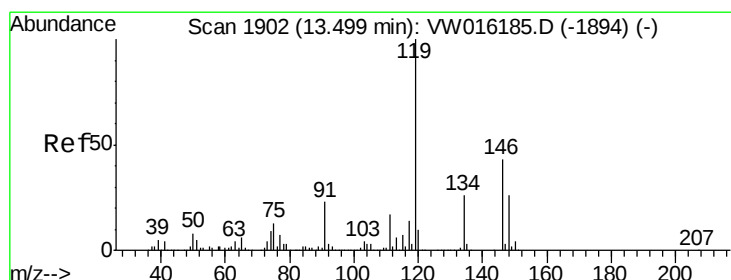
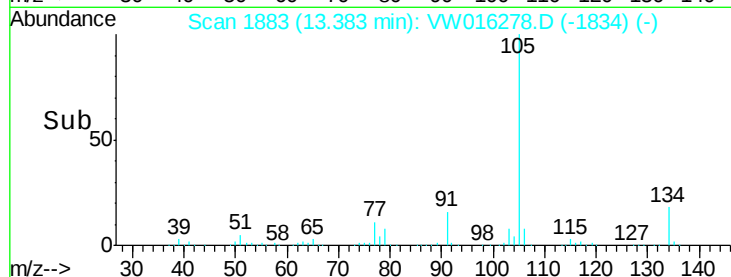
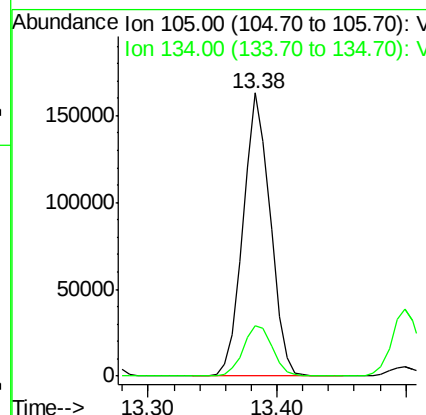
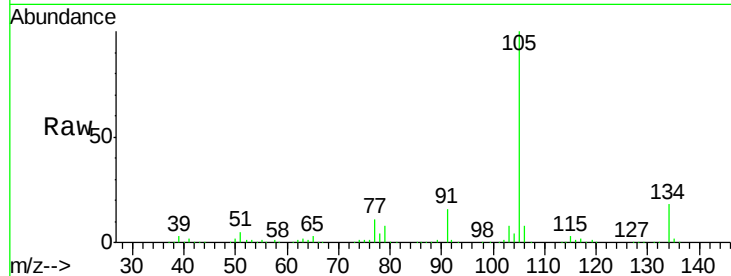
#85
 sec-Butylbenzene
 Concen: 19.267 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4

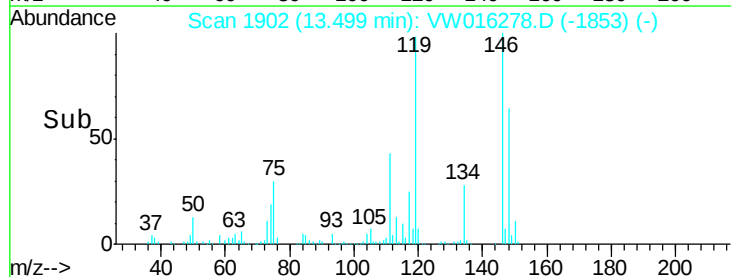
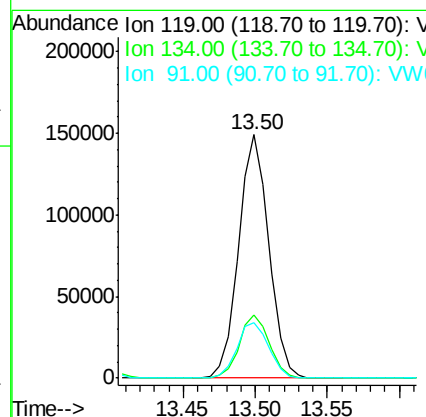
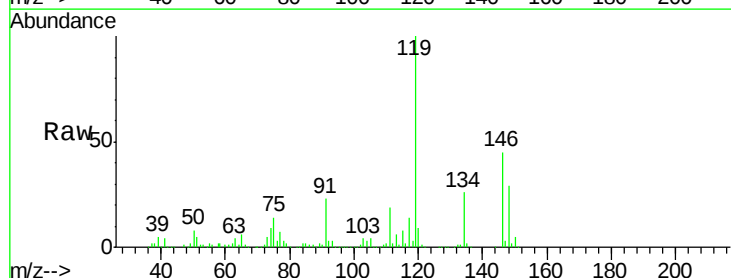
Manual Integrations
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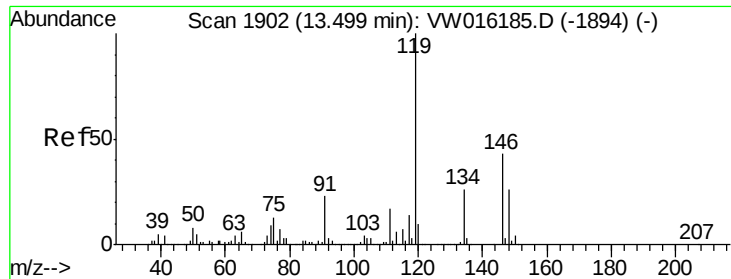
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 8/21/2020 11:25:53 AM



#86
 p-Isopropyltoluene
 Concen: 19.458 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	24.2	11.8	35.3





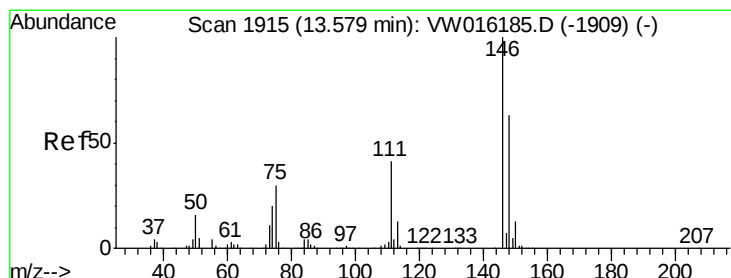
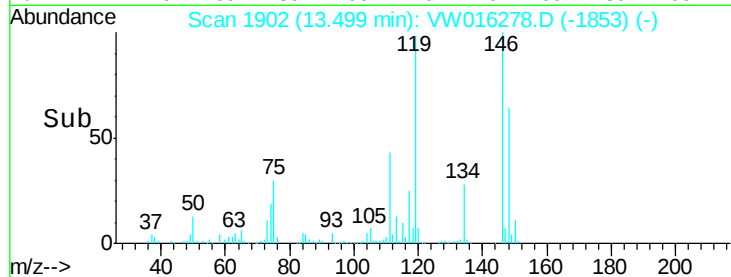
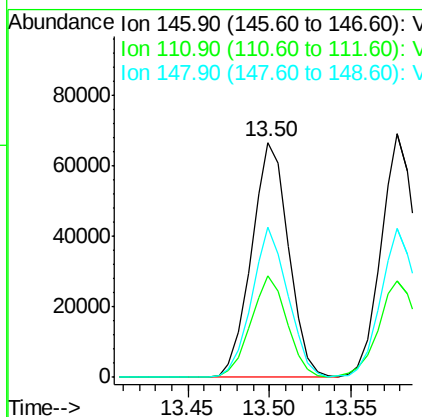
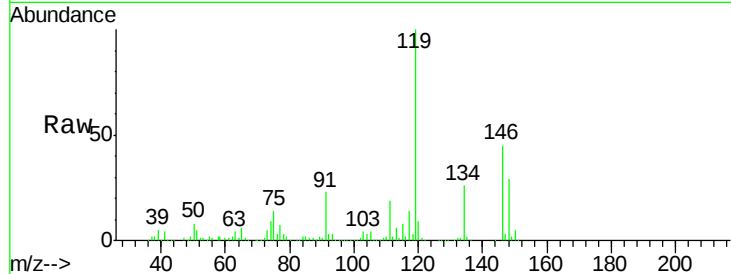
#87
 1,3-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	105280		
111	42.4	20.8	62.5	
148	62.6	31.1	93.5	

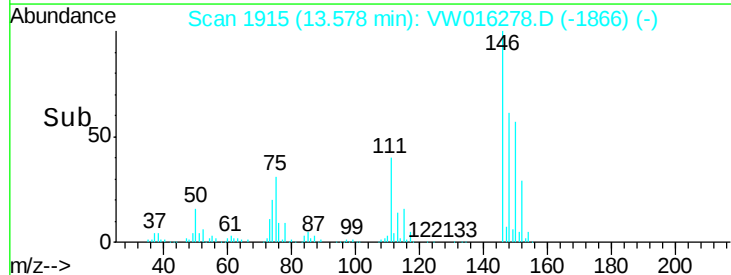
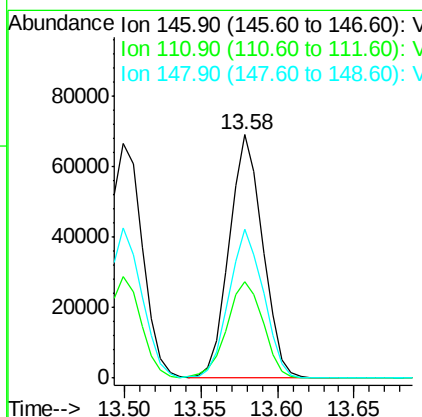
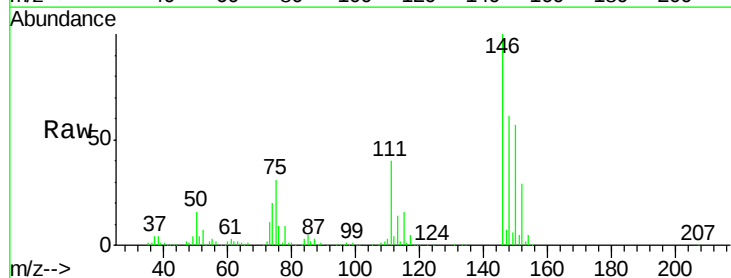
Manual Integrations
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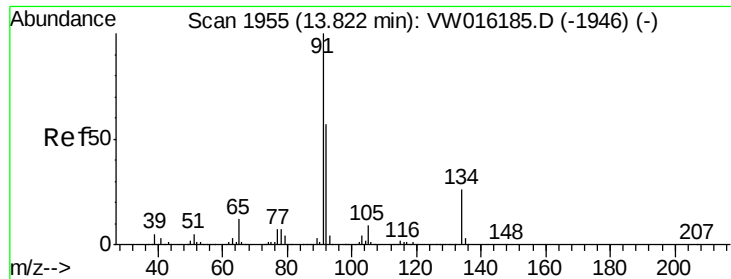
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#88
 1,4-Dichlorobenzene
 Concen: 19.931 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104916		
111	42.8	20.8	62.2	
148	63.1	32.1	96.3	





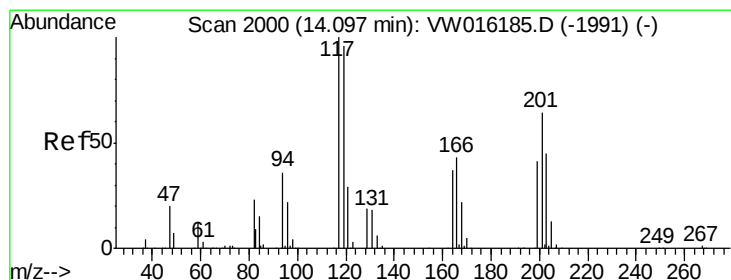
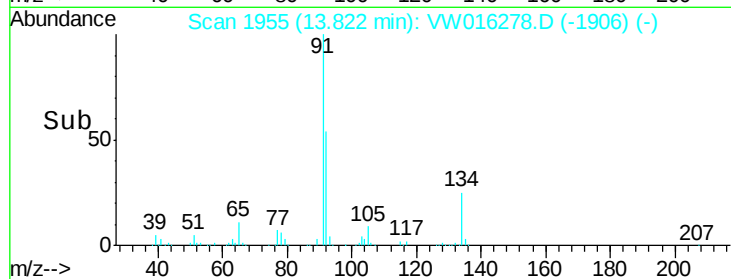
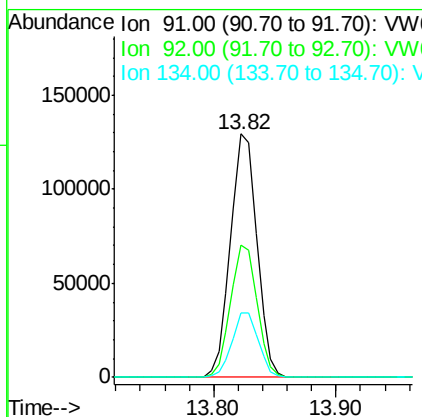
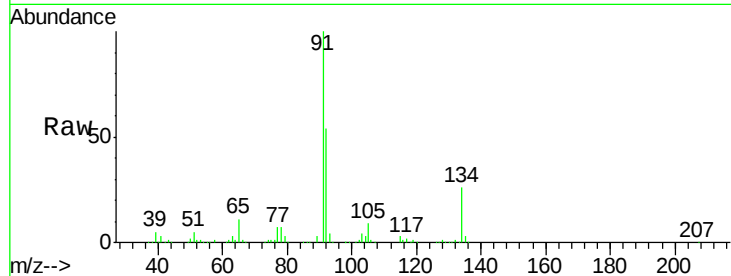
#89
n-Butylbenzene
Concen: 18.767 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.6	13.0	39.0

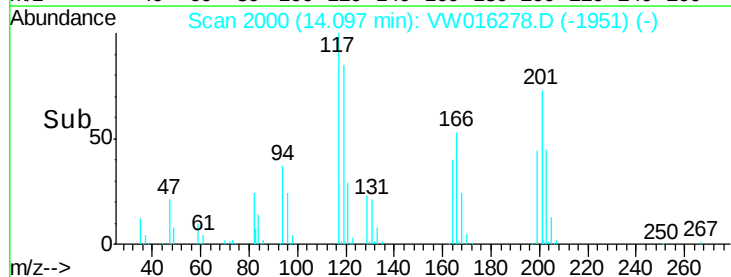
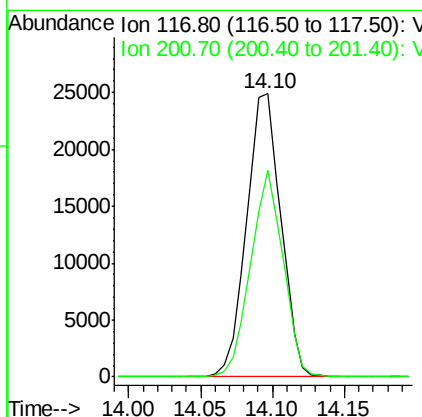
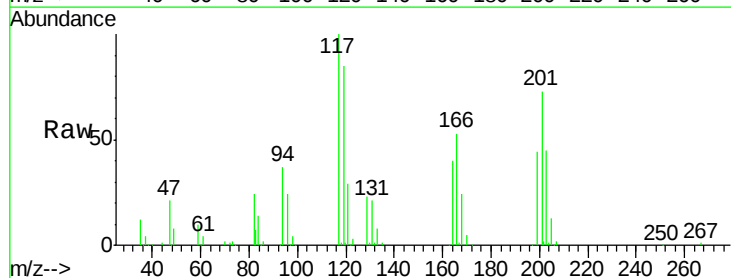
Manual Integrations
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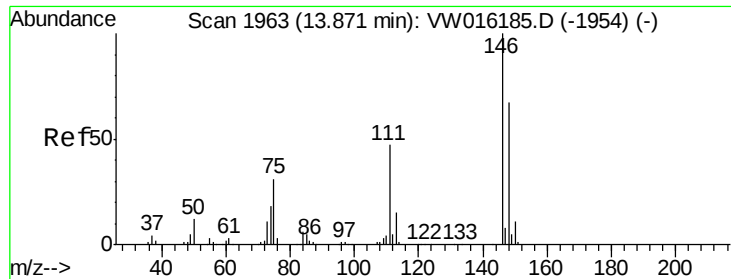
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#90
Hexachloroethane
Concen: 19.678 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	33.8	101.3





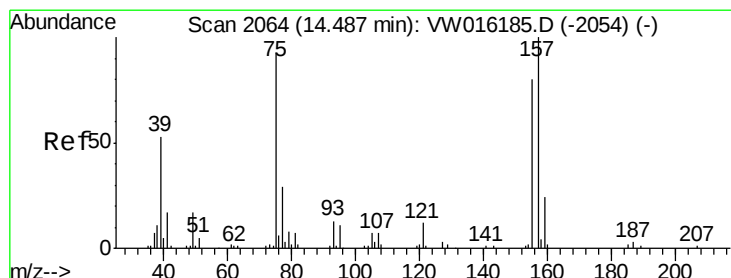
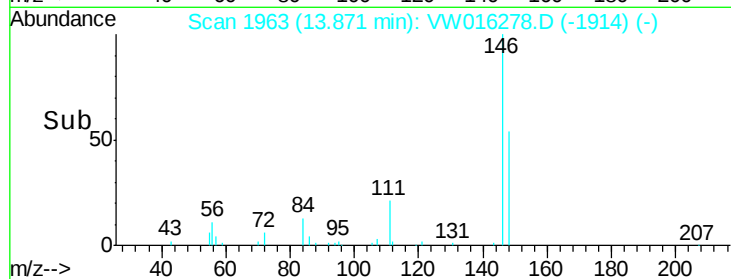
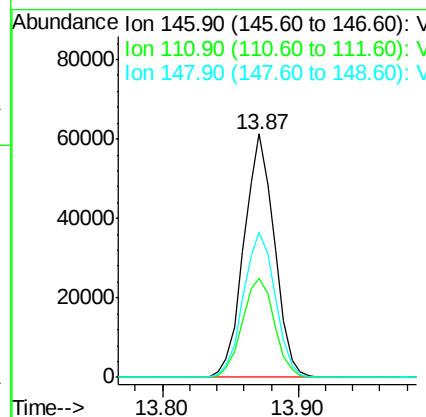
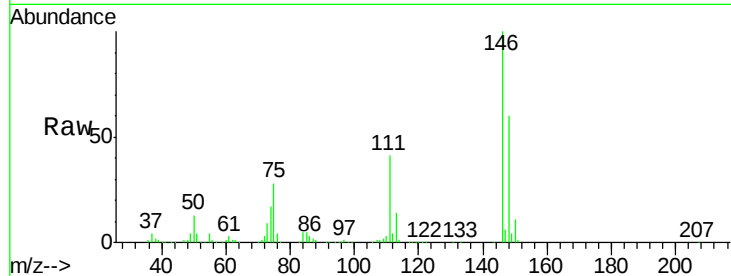
#91
 1,2-Dichlorobenzene
 Concen: 20.560 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.9	65.8
148	62.4	32.1	96.3

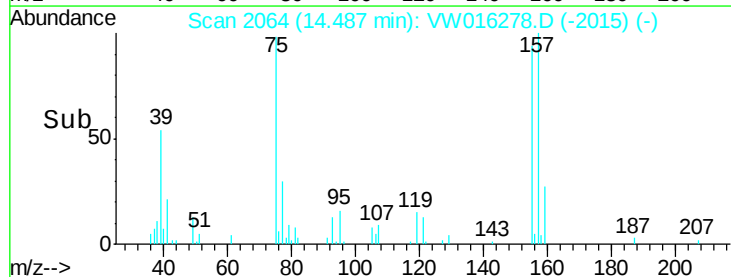
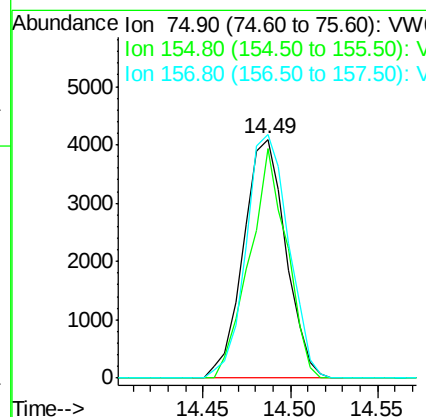
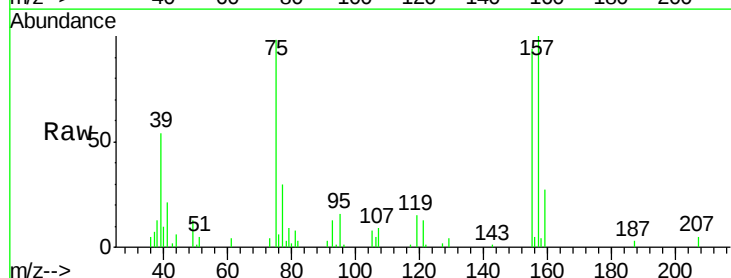
Manual Integrations
 APPROVED

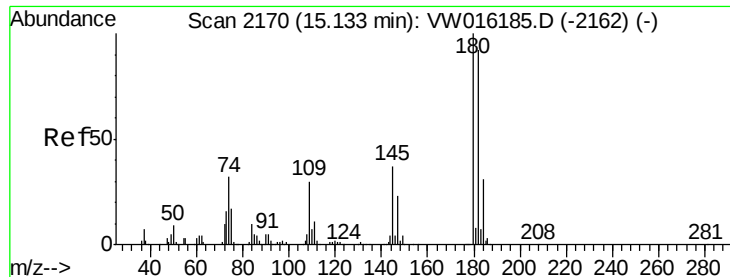
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.180 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.3	124.1
157	102.8	53.0	159.0





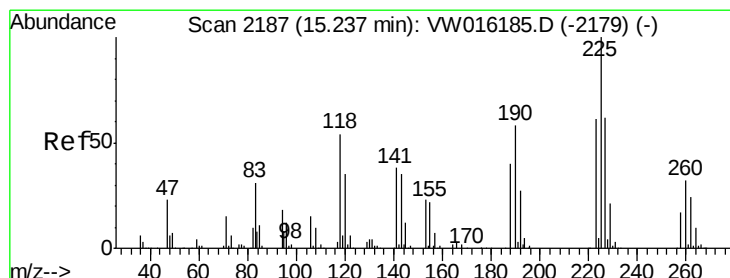
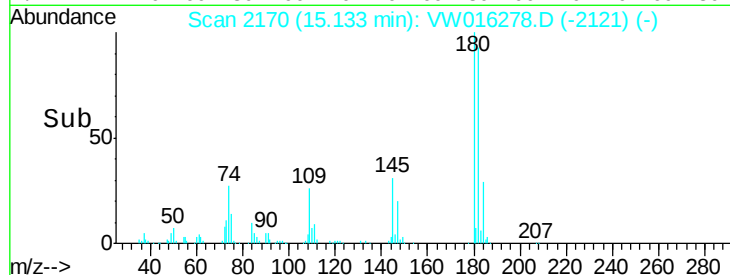
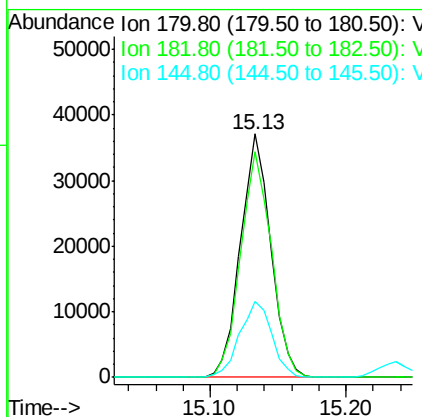
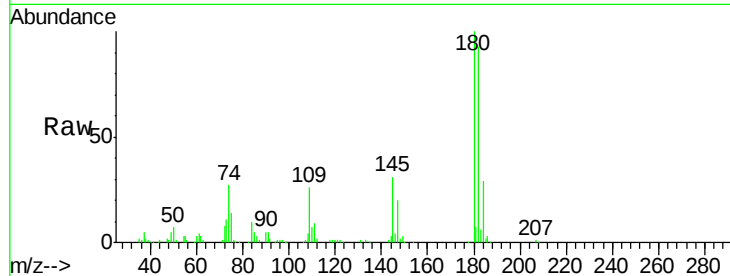
#93
 1,2,4-Trichlorobenzene
 Concen: 20.760 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	57697		
182	94.5	46.0	138.0	
145	33.2	16.9	50.7	

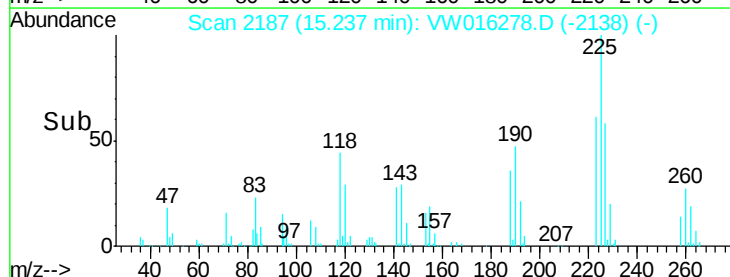
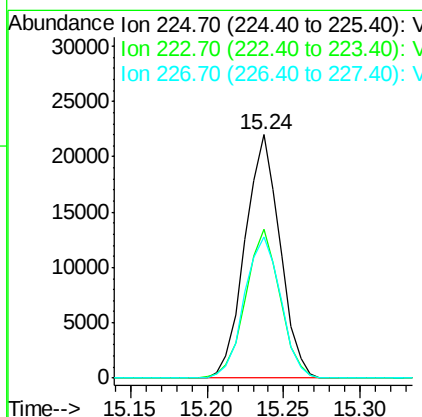
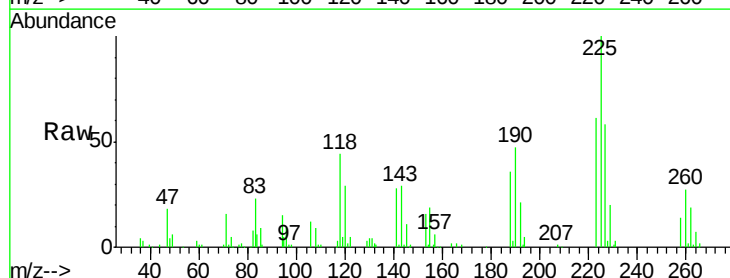
Manual Integrations
 APPROVED

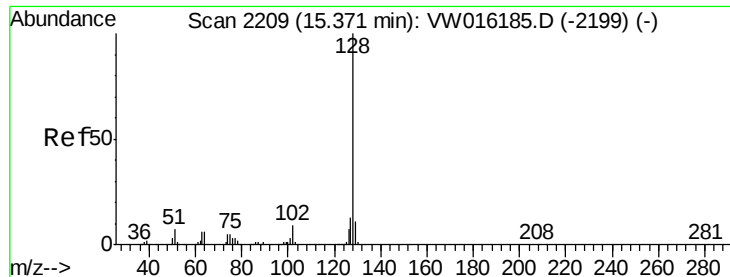
MMDadoda
 8/21/2020 11:25:53 AM



#94
 Hexachlorobutadiene
 Concen: 21.172 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016278.D
 Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34984		
223	60.4	33.0	99.0	
227	60.2	32.0	96.2	





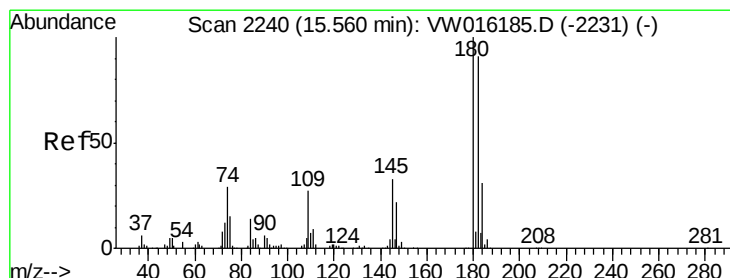
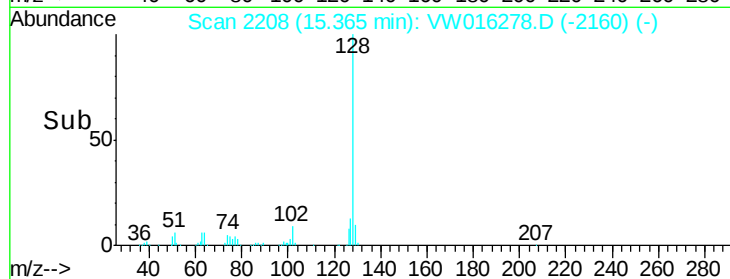
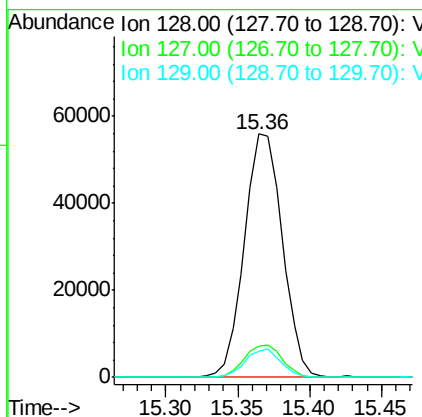
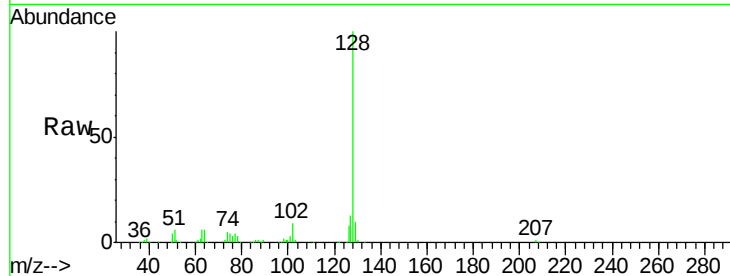
#95
Naphthalene
Concen: 19.899 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:25:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.930 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016278.D
Acq: 20 Aug 2020 23:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.7	143.1
145	36.1	17.4	52.3

