

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016300.D
 Acq On : 21 Aug 2020 12:49
 Operator : SY/VA
 Sample : VW0822SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:02 PM

Quant Time: Aug 22 06:19:27 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	225344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111197	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	114014	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.32	98	448636	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	165335	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25986	16.957	ug/l	87
3) Chloromethane	2.21	50	26618	16.314	ug/l	99
4) Vinyl Chloride	2.37	62	38636	16.918	ug/l	95
5) Bromomethane	2.78	94	24258	17.084	ug/l	90
6) Chloroethane	2.92	64	22065	17.109	ug/l	92
7) Trichlorofluoromethane	3.26	101	37355	20.205	ug/l	100
8) Diethyl Ether	3.68	74	21464	18.501	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43213	17.825	ug/l	98
10) Methyl Iodide	4.27	142	64627	18.450	ug/l	100
11) Tert butyl alcohol	5.21	59	13748m	117.548	ug/l	
12) 1,1-Dichloroethene	4.04	96	44225	17.926	ug/l	97
13) Acrolein	3.90	56	15486	91.663	ug/l	95
14) Allyl chloride	4.67	41	56713	17.157	ug/l	97
15) Acrylonitrile	5.38	53	40621	92.921	ug/l	99
16) Acetone	4.14	43	33261	79.008	ug/l	98
17) Carbon Disulfide	4.39	76	122686	16.936	ug/l	99
18) Methyl Acetate	4.68	43	17255	17.601	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63249	20.821	ug/l	97
20) Methylene Chloride	4.92	84	60554	20.212	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	47982	17.860	ug/l	96
22) Diisopropyl ether	6.31	45	113845	18.269	ug/l	95
23) Vinyl Acetate	6.26	43	330625	92.658	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76140	17.506	ug/l	97
25) 2-Butanone	7.18	43	50484	89.480	ug/l	95
26) 2,2-Dichloropropane	7.17	77	54449	19.380	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52200	18.824	ug/l	97
28) Bromochloromethane	7.51	49	29709	18.004	ug/l	92
29) Tetrahydrofuran	7.54	42	31407	93.126	ug/l	95
30) Chloroform	7.68	83	80609	17.838	ug/l	94
31) Cyclohexane	7.96	56	71729	17.886	ug/l #	90
32) 1,1,1-Trichloroethane	7.88	97	71270	18.772	ug/l	99
36) 1,1-Dichloropropene	8.09	75	66757	18.878	ug/l	99
37) Ethyl Acetate	7.26	43	23502	19.384	ug/l	99
38) Carbon Tetrachloride	8.07	117	66884	18.953	ug/l	97

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Manual Integrations
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Quant Time: Aug 22 06:19:27 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82019	19.255	ug/l	98
40) Benzene	8.33	78	183300	18.425	ug/l	100
41) Methacrylonitrile	7.49	41	13951	20.161	ug/l	97
42) 1,2-Dichloroethane	8.40	62	50783	19.328	ug/l	99
43) Isopropyl Acetate	8.43	43	43085	18.889	ug/l	98
44) Trichloroethene	9.10	130	50903	18.066	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43025	18.347	ug/l	96
46) Dibromomethane	9.46	93	23665	19.222	ug/l	98
47) Bromodichloromethane	9.65	83	59474	18.697	ug/l	99
48) Methyl methacrylate	9.44	41	19869	18.737	ug/l	91
49) 1,4-Dioxane	9.48	88	6397	412.635	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	112225	97.277	ug/l	99
52) Toluene	10.39	92	122718	19.264	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57705	19.593	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71170	19.443	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34201	19.361	ug/l	97
56) Ethyl methacrylate	10.65	69	41190	20.446	ug/l	96
57) 1,3-Dichloropropane	10.93	76	58424	19.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99758	108.611	ug/l	98
59) 2-Hexanone	10.97	43	75630	95.827	ug/l	98
60) Dibromochloromethane	11.13	129	40977	19.499	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32848	19.316	ug/l	100
64) Tetrachloroethene	10.87	164	41969	19.009	ug/l #	90
65) Chlorobenzene	11.66	112	128970	18.700	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	45652	18.937	ug/l	99
67) Ethyl Benzene	11.73	91	232095	18.725	ug/l	97
68) m/p-Xylenes	11.84	106	178598	37.486	ug/l	98
69) o-Xylene	12.17	106	82557	19.450	ug/l	97
70) Styrene	12.18	104	140607	19.144	ug/l	98
71) Bromoform	12.35	173	21451	19.882	ug/l #	96
73) Isopropylbenzene	12.46	105	229890	18.723	ug/l	100
74) N-amyl acetate	12.27	43	40907	18.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37749	18.373	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	26790m	18.078	ug/l	
77) Bromobenzene	12.75	156	51329	18.900	ug/l	96
78) n-propylbenzene	12.80	91	273489	18.660	ug/l	100
79) 2-Chlorotoluene	12.90	91	158936	18.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	205819	19.527	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	11461	18.551	ug/l	98
82) 4-Chlorotoluene	12.99	91	164128	18.621	ug/l	100
83) tert-Butylbenzene	13.21	119	165914	19.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	202559	19.420	ug/l	99
85) sec-Butylbenzene	13.38	105	238567	19.001	ug/l	99
86) p-Isopropyltoluene	13.50	119	220804	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101472	18.656	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	102339	19.108	ug/l	98
89) n-Butylbenzene	13.82	91	203855	19.404	ug/l	99
90) Hexachloroethane	14.10	117	38509	18.171	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	91067	19.205	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6131	19.412	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59393	21.004	ug/l	95
94) Hexachlorobutadiene	15.24	225	34849	20.729	ug/l	99
95) Naphthalene	15.37	128	109463	20.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51845	21.349	ug/l	99

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

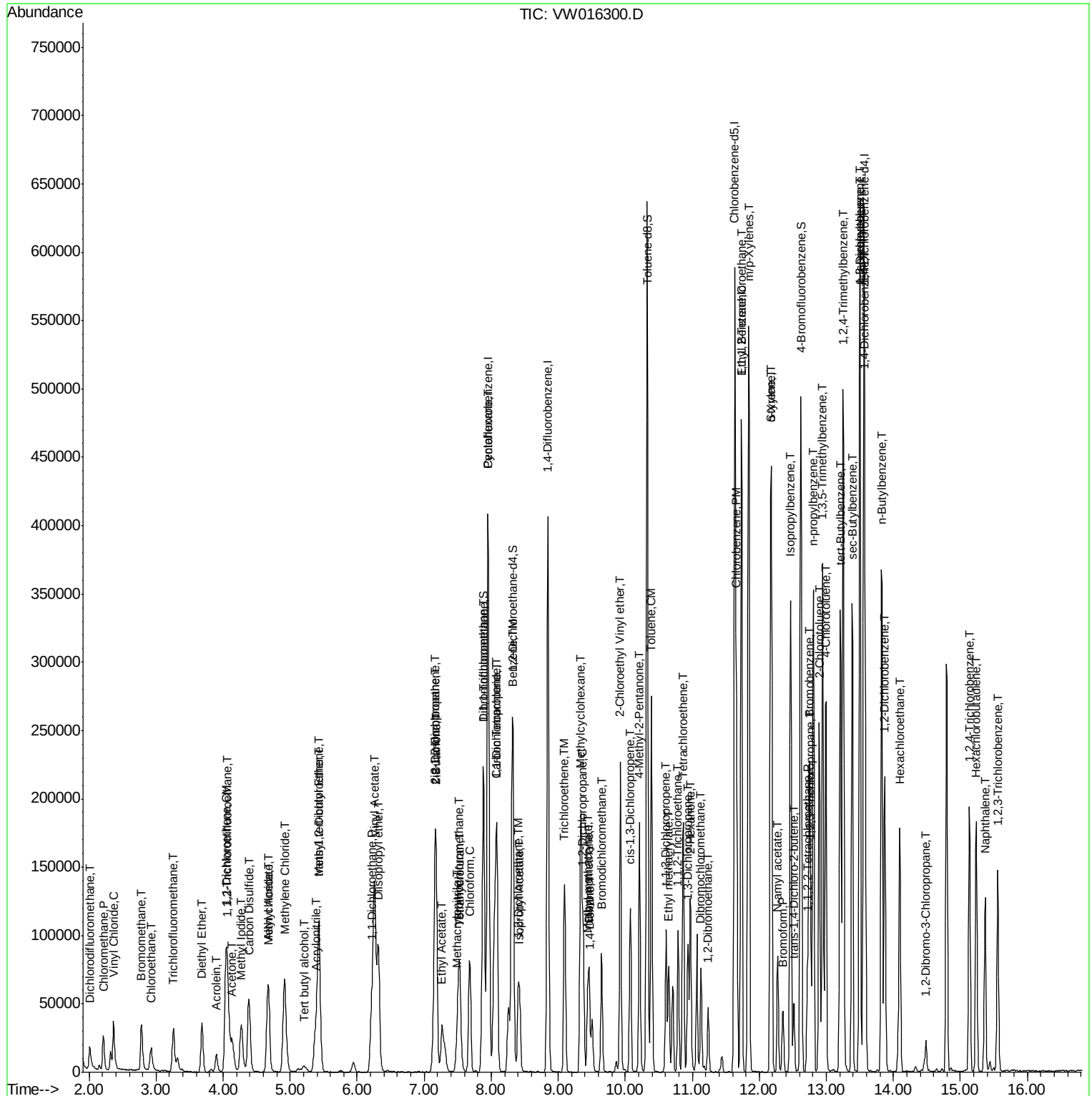
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Data File : VW016300.D
Acq On : 21 Aug 2020 12:49
Operator : SY/VA
Sample : VW0822SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

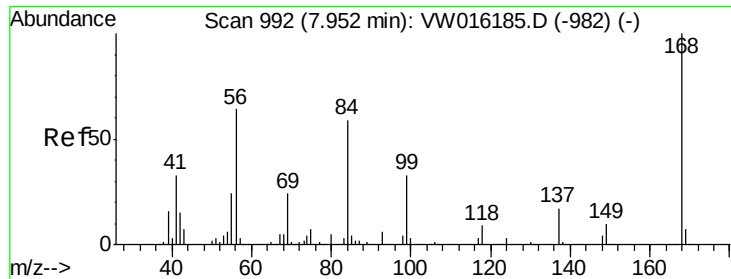
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion:168 Resp: 225344

Ion Ratio Lower Upper

168 100

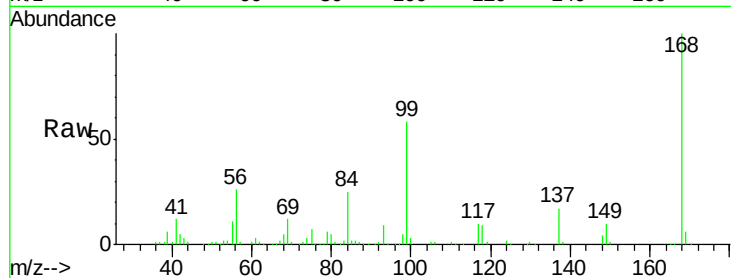
99 58.2 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

0

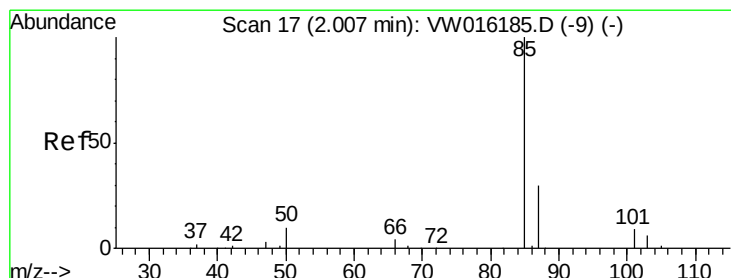
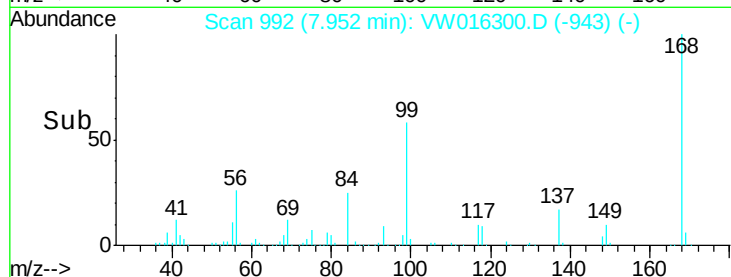
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.957 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016300.D

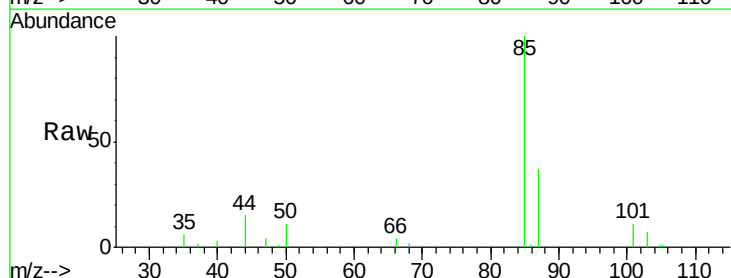
Acq: 21 Aug 2020 12:49

Tgt Ion: 85 Resp: 25986

Ion Ratio Lower Upper

85 100

87 36.9 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

4000

2000

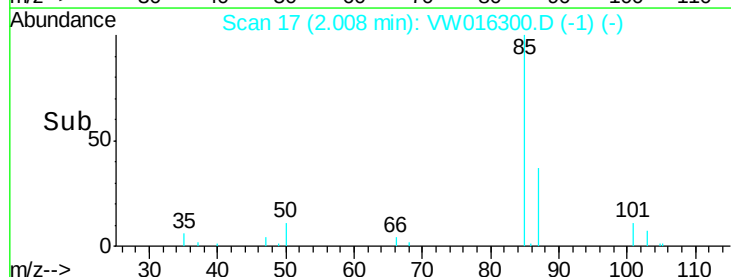
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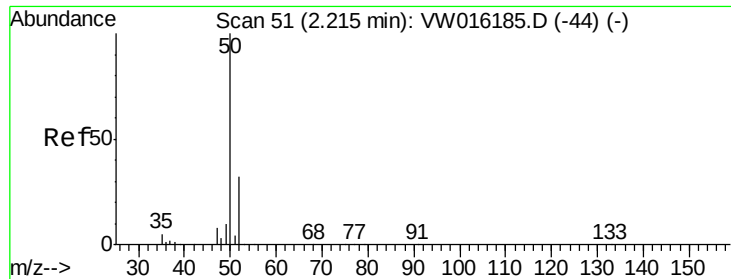
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 16.314 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 50 Resp: 26618

Ion Ratio Lower Upper

50 100

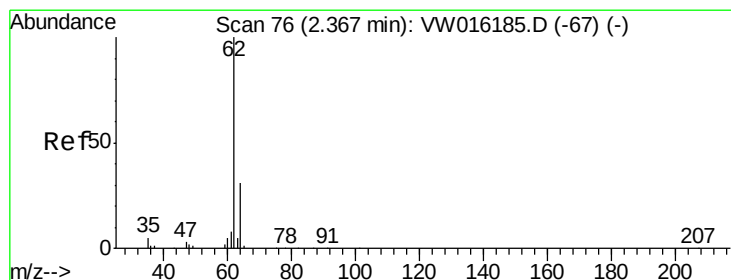
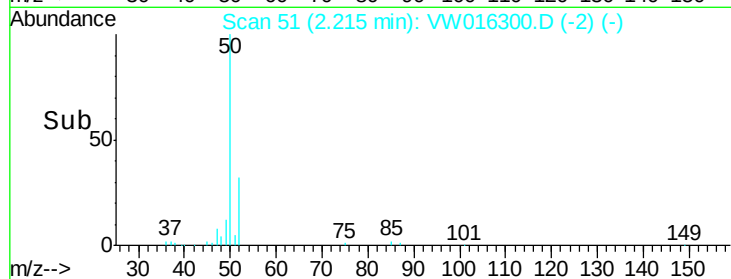
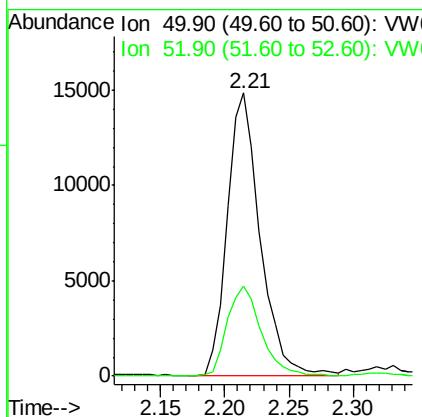
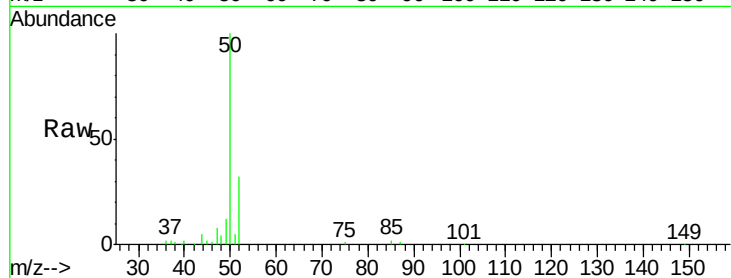
52 32.0 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.918 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016300.D

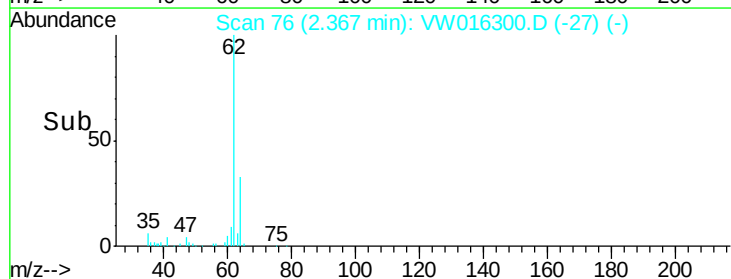
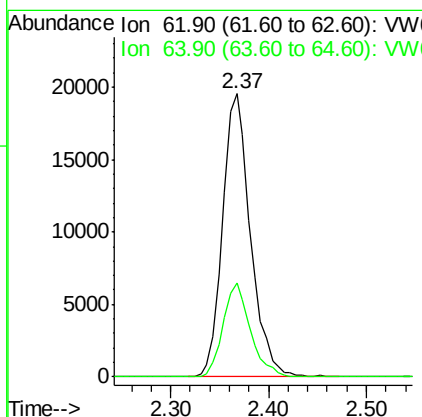
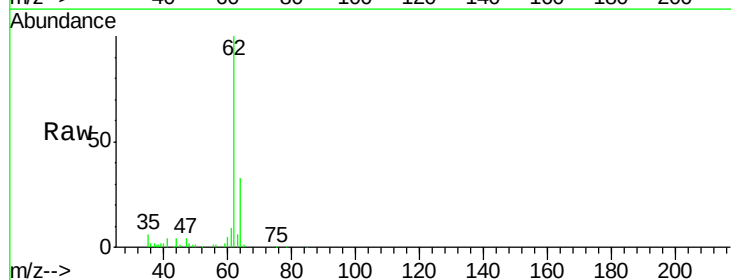
Acq: 21 Aug 2020 12:49

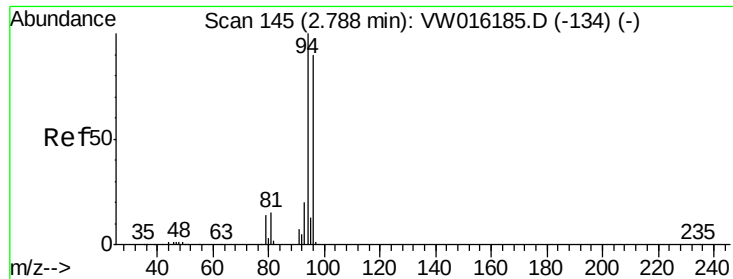
Tgt Ion: 62 Resp: 38636

Ion Ratio Lower Upper

62 100

64 33.2 24.5 36.7





#5

Bromomethane

Concen: 17.084 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 94 Resp: 24258

Ion Ratio Lower Upper

94 100

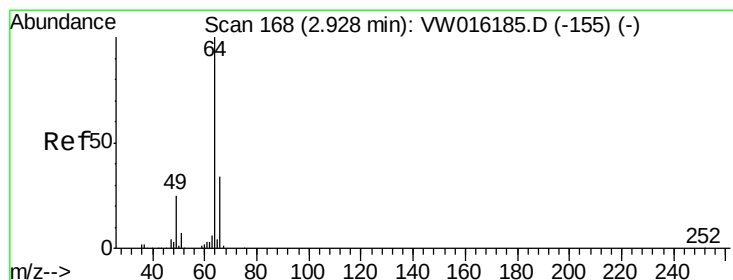
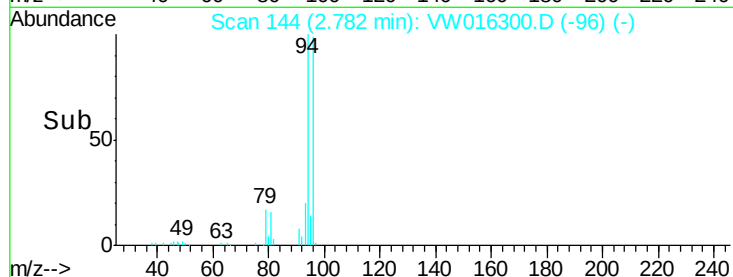
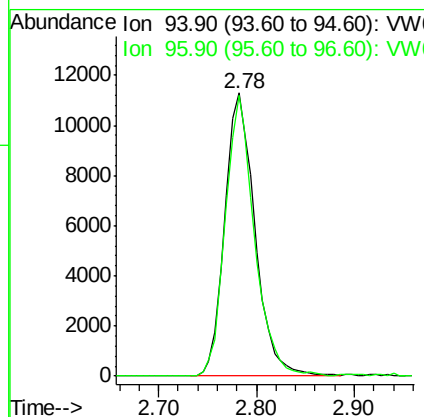
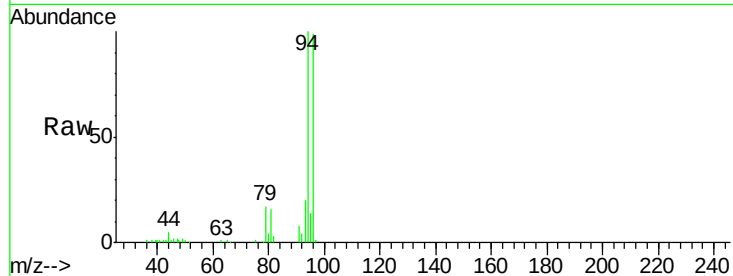
96 99.3 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 17.109 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016300.D

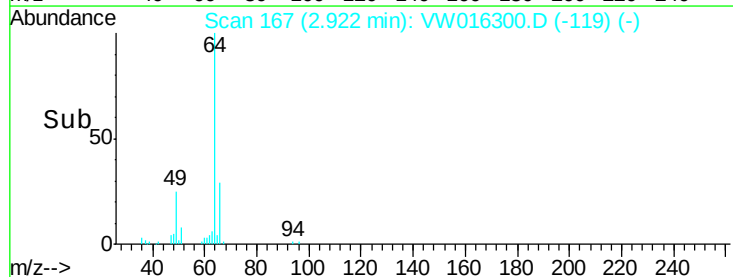
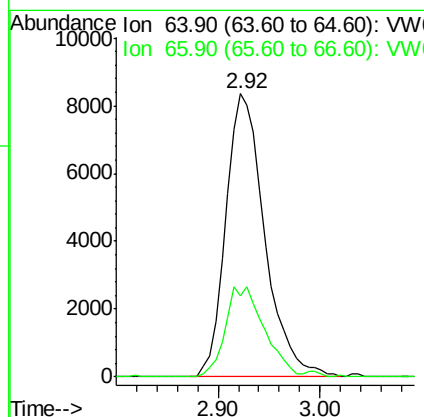
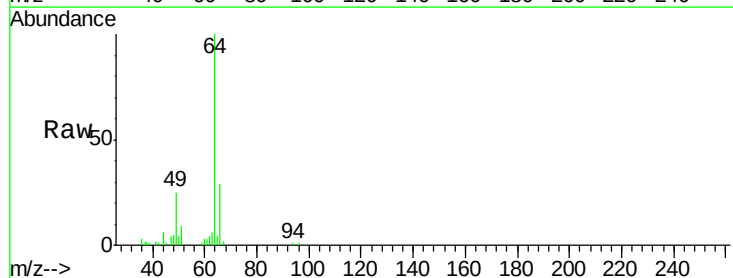
Acq: 21 Aug 2020 12:49

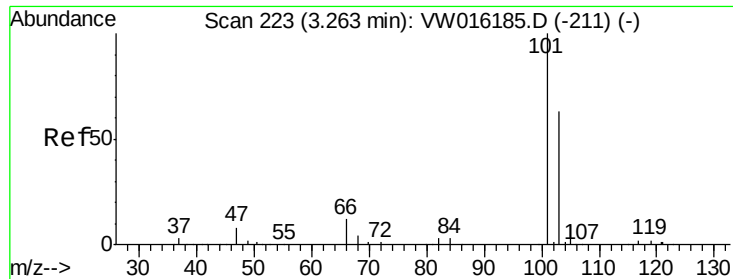
Tgt Ion: 64 Resp: 22065

Ion Ratio Lower Upper

64 100

66 28.8 26.9 40.3





#7

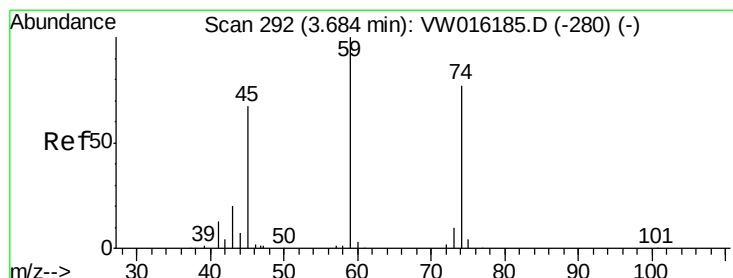
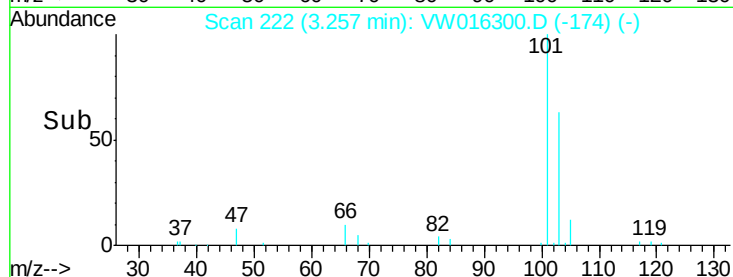
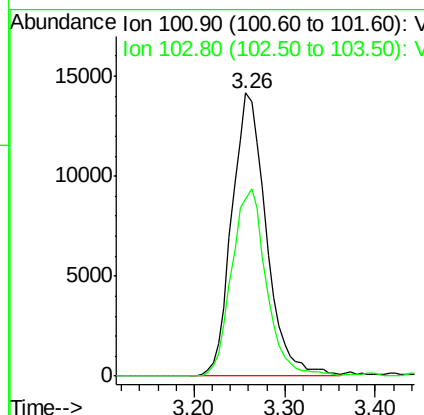
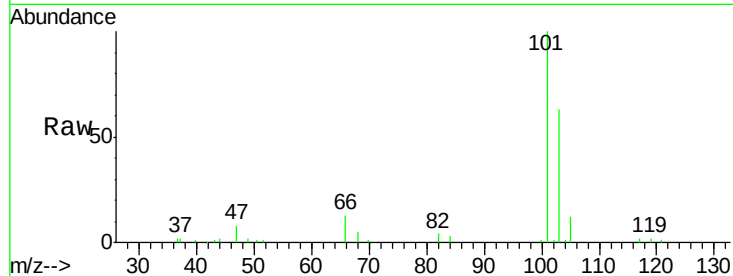
Trichlorofluoromethane
 Concen: 20.205 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.4	75.6

Manual Integrations
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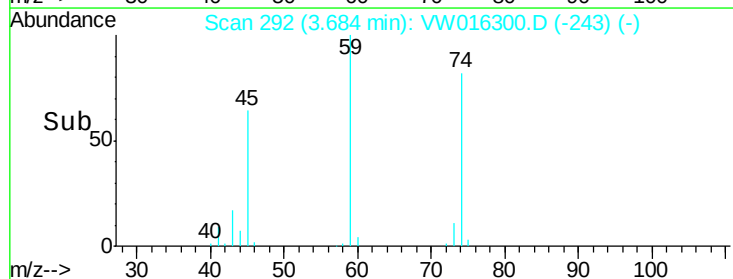
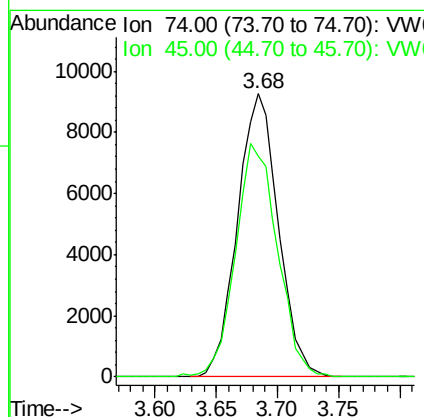
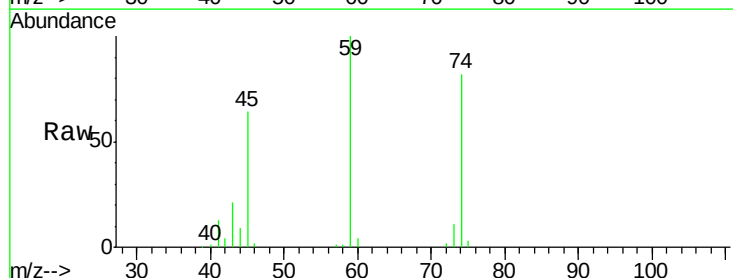
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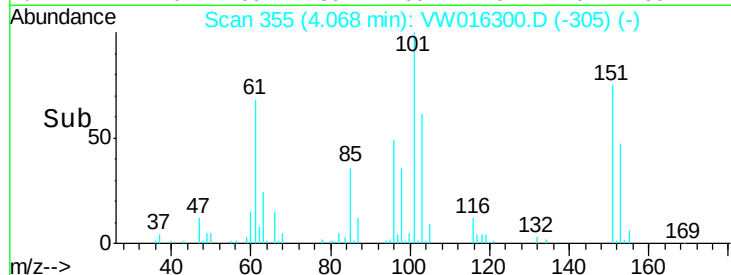
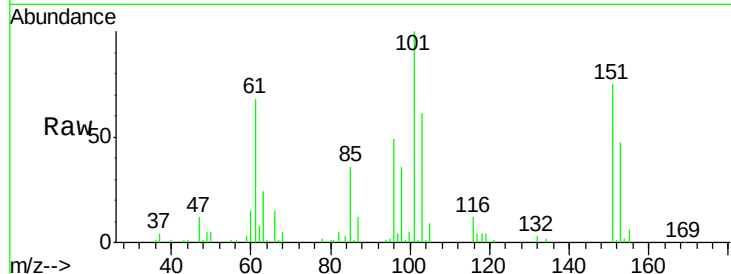
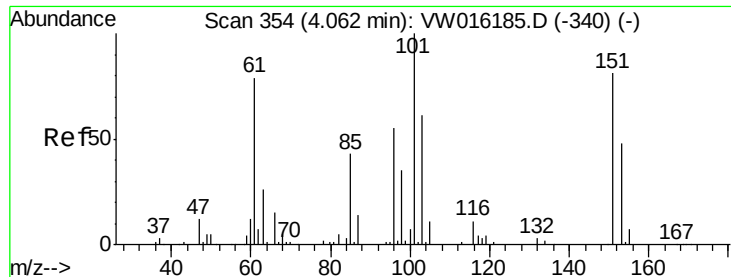


#8

Diethyl Ether
 Concen: 18.501 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.6	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.825 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016300.D

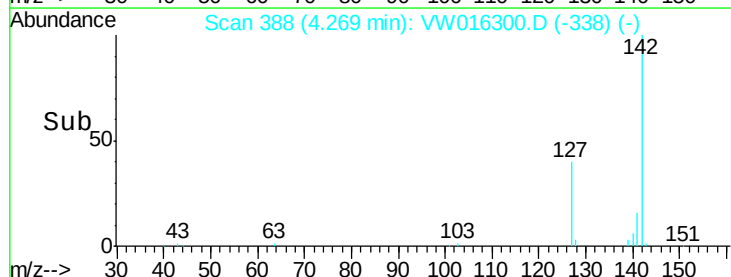
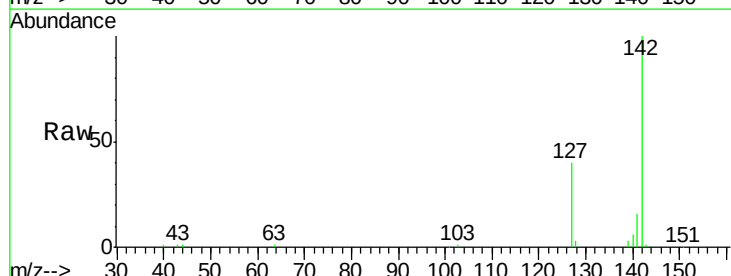
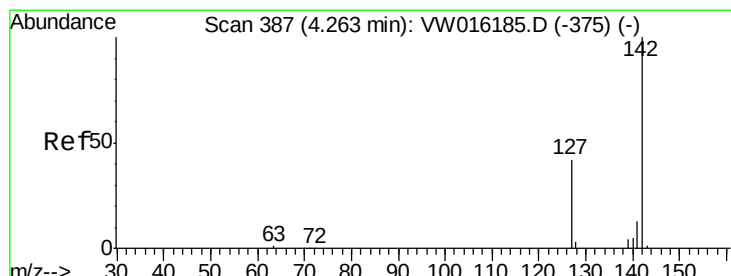
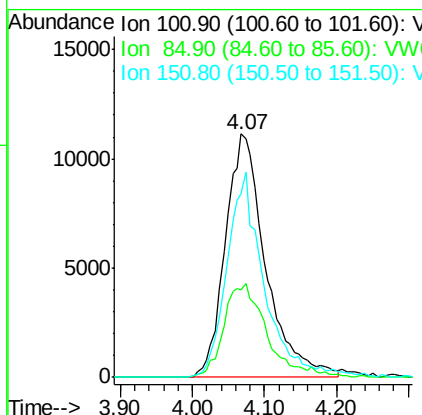
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	43213		
85	41.0	33.3	49.9	
151	78.2	61.1	91.7	

Manual Integrations
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#10

Methyl Iodide

Concen: 18.450 ug/l

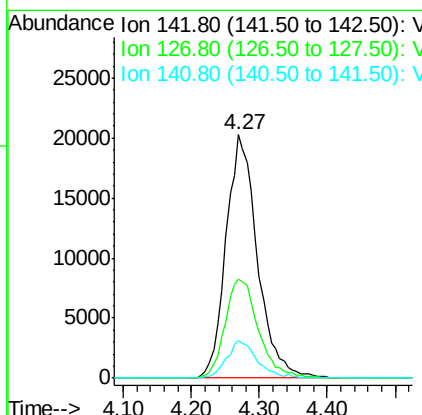
RT: 4.27 min Scan# 388

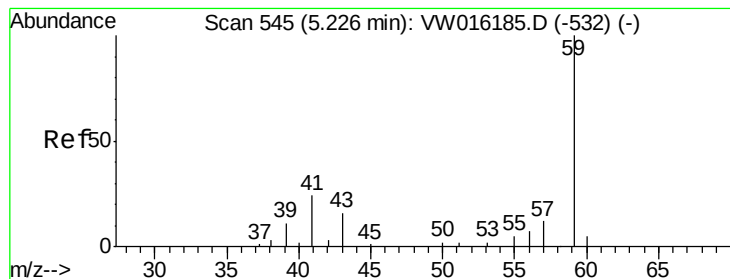
Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64627		
127	43.1	34.6	52.0	
141	14.7	11.4	17.2	





#11

Tert butyl alcohol

Concen: 117.548 ug/l m

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 59 Resp: 13748

Ion Ratio Lower Upper

59 100

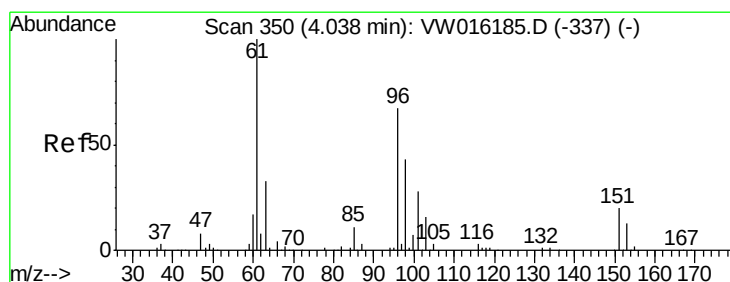
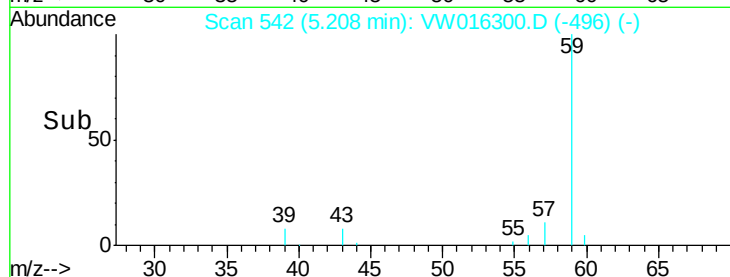
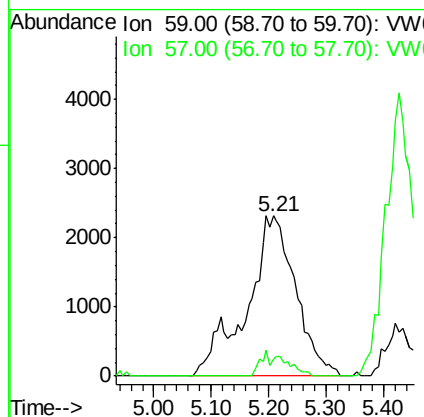
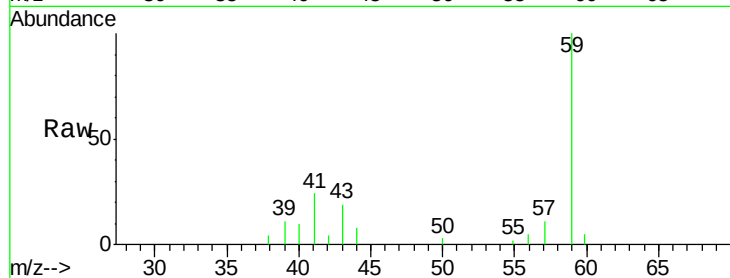
57 4.2 9.0 13.6#

Manual Integrations

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MMDadoda

8/24/2020 4:55:02 PM



#12

1,1-Dichloroethene

Concen: 17.926 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

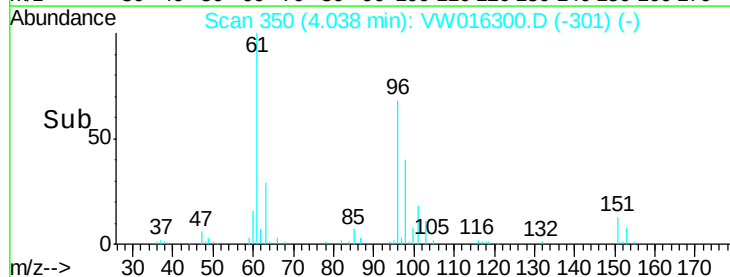
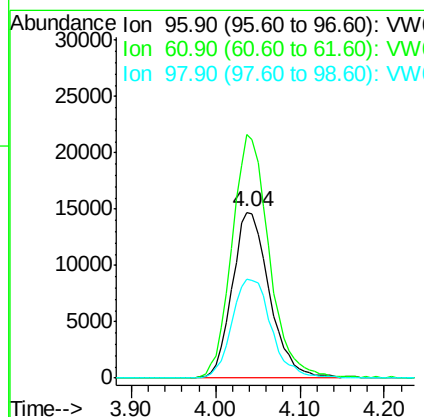
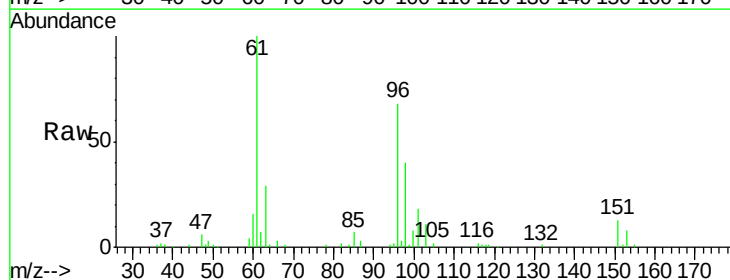
Tgt Ion: 96 Resp: 44225

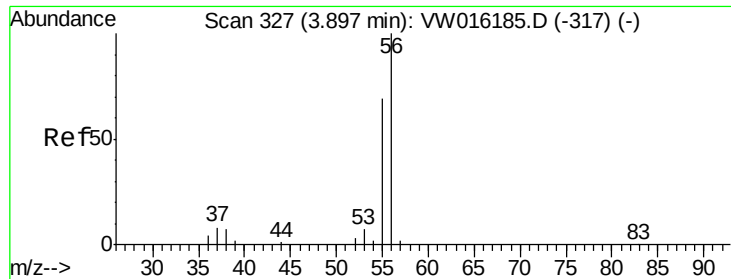
Ion Ratio Lower Upper

96 100

61 147.1 119.5 179.3

98 59.4 51.3 76.9





#13

Acrolein

Concen: 91.663 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 56 Resp: 15486

Ion Ratio Lower Upper

56 100

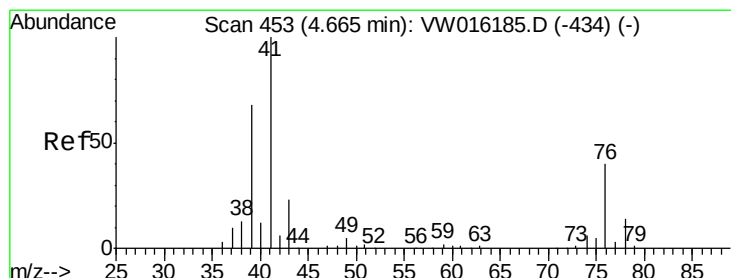
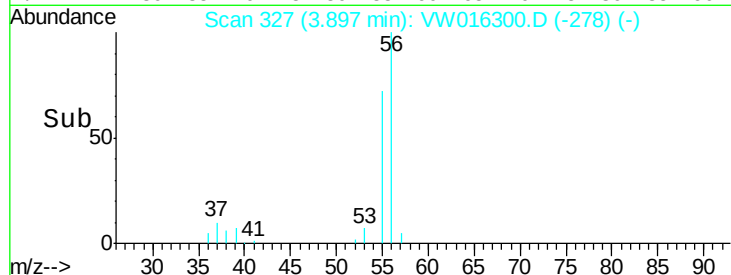
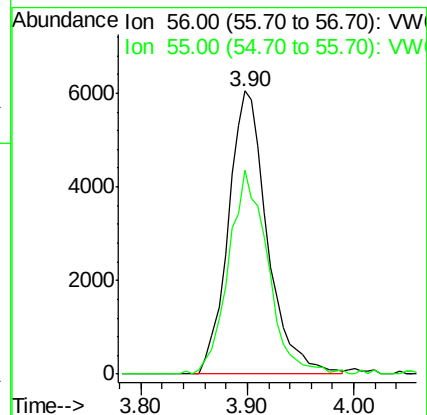
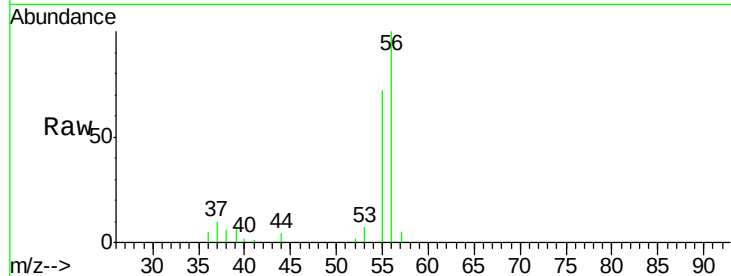
55 72.6 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.157 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

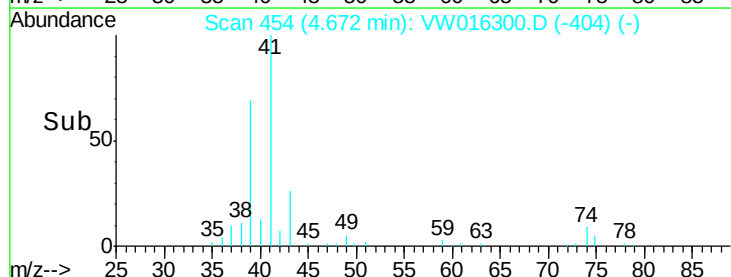
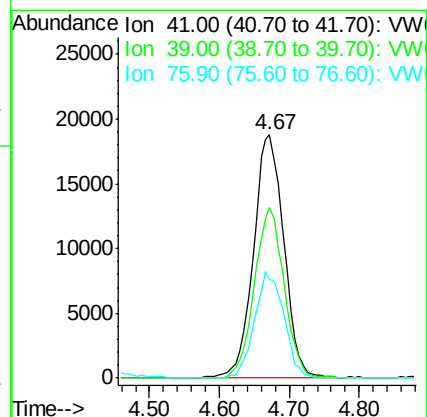
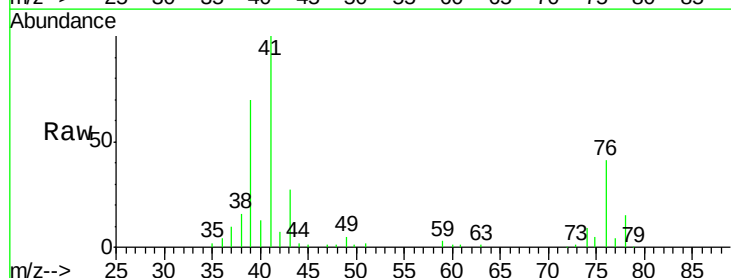
Tgt Ion: 41 Resp: 56713

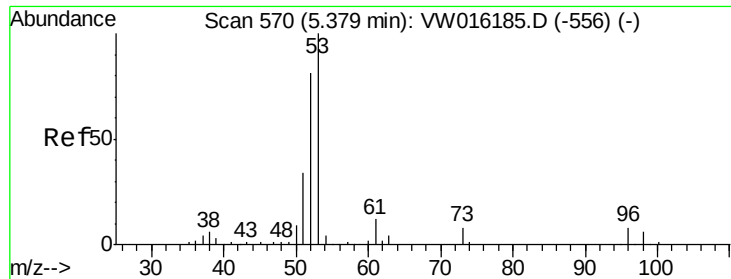
Ion Ratio Lower Upper

41 100

39 68.7 53.4 80.0

76 42.0 32.0 48.0





#15

Acrylonitrile

Concen: 92.921 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

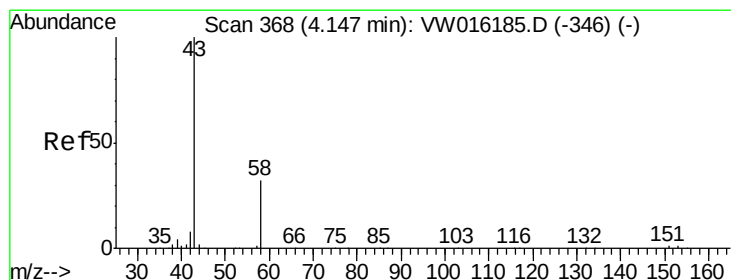
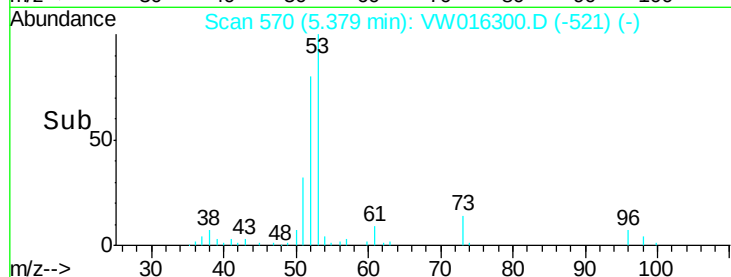
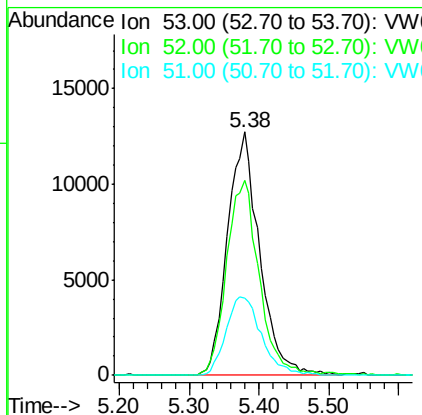
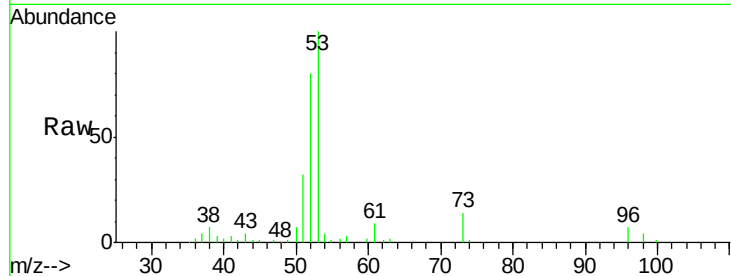
ClientSampleId :

VW0822SBSD01

Tot Ion:	53	Resp:	40621
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.3	97.9
51	35.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 79.008 ug/l

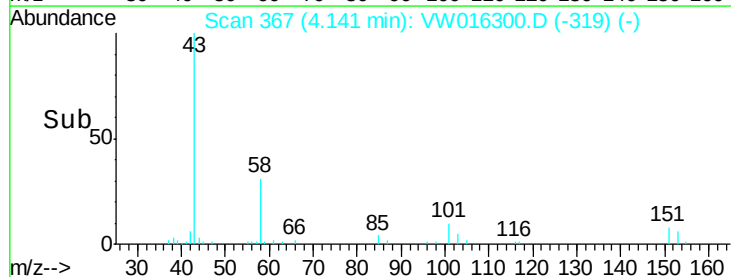
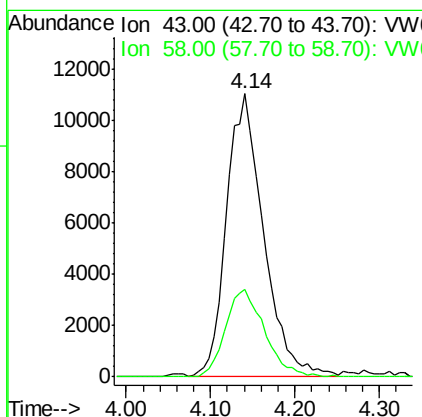
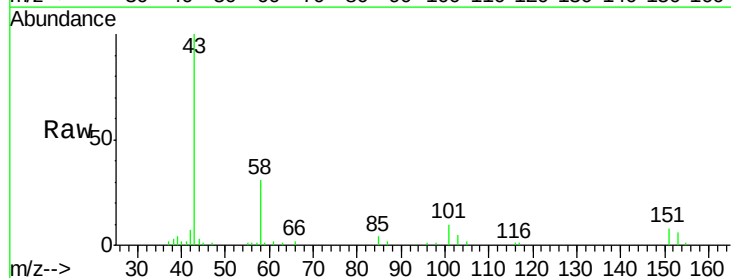
RT: 4.14 min Scan# 367

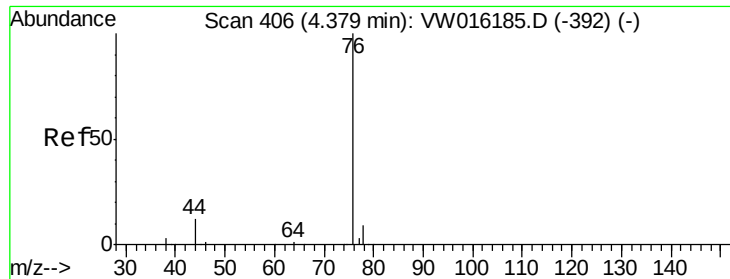
Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	43	Resp:	33261
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.8	38.6





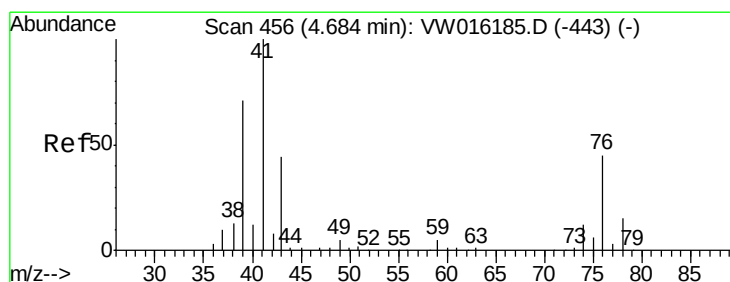
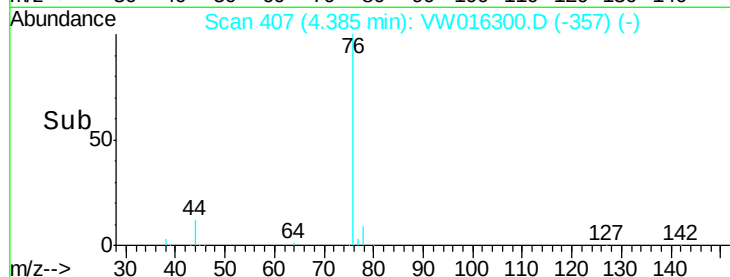
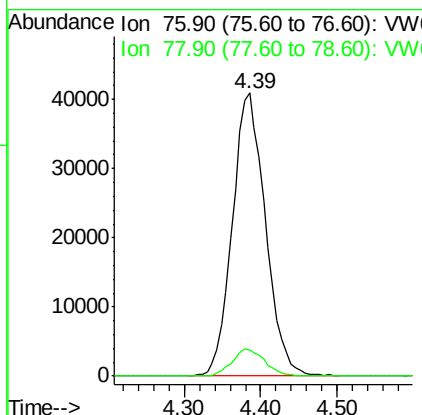
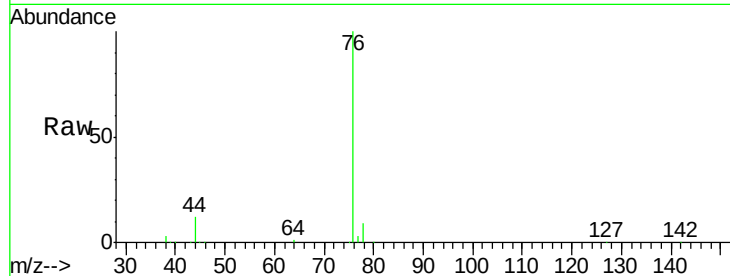
#17
Carbon Disulfide
Concen: 16.936 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion	76	Resp	122686
Ion Ratio	Lower	Upper	
76	100		
78	9.3	7.0	10.6

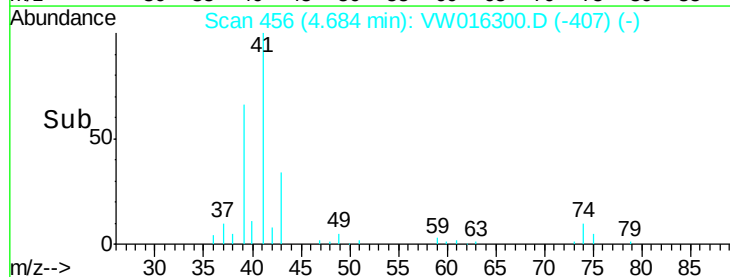
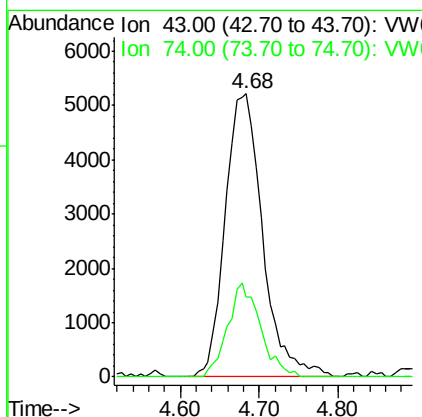
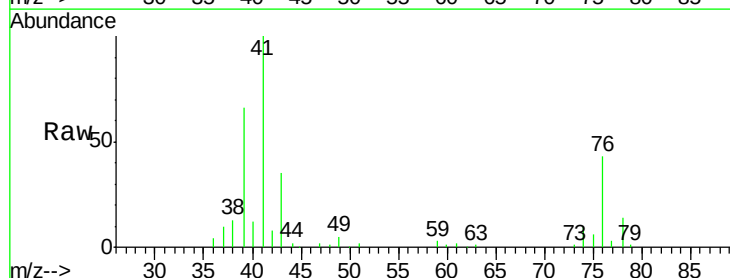
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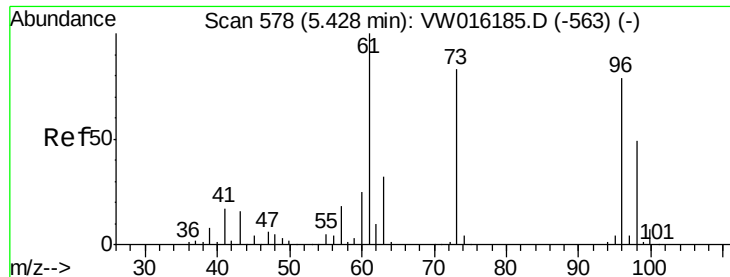
MMDadoda
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#18
Methyl Acetate
Concen: 17.601 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	43	Resp	17255
Ion Ratio	Lower	Upper	
43	100		
74	29.0	20.6	31.0





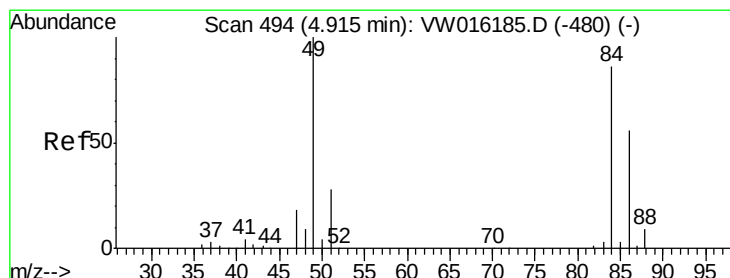
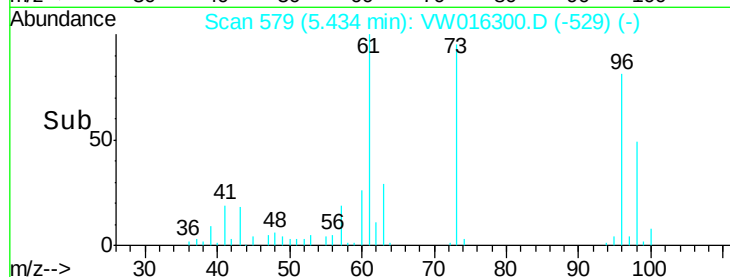
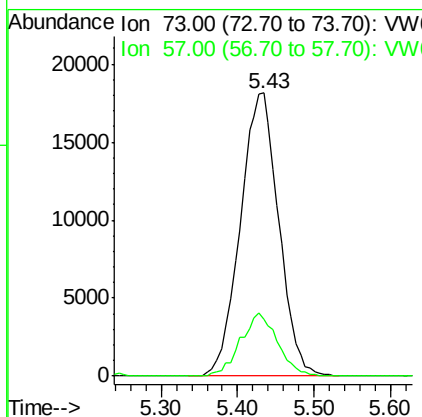
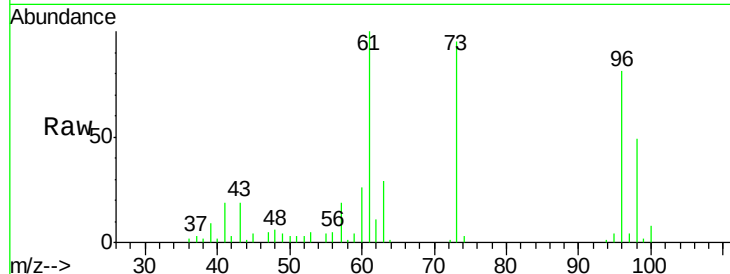
#19
Methyl tert-butyl Ether
Concen: 20.821 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion: 73 Resp: 63249
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8

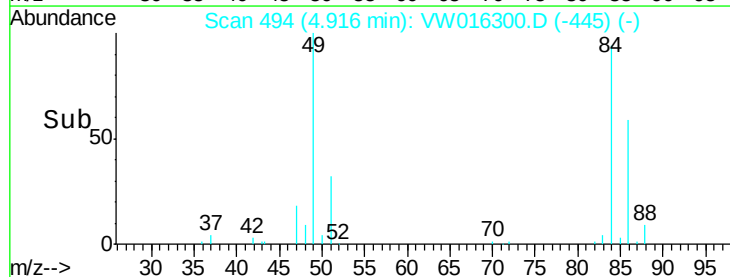
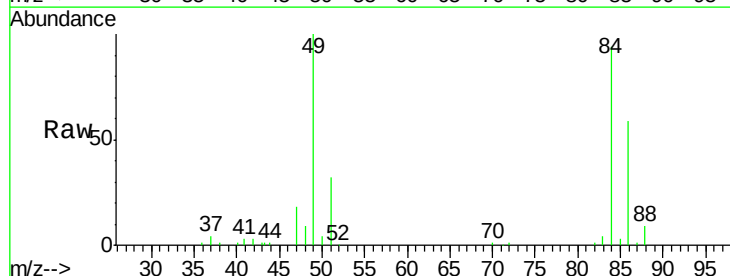
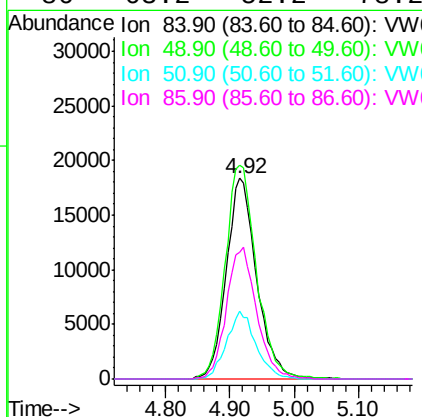
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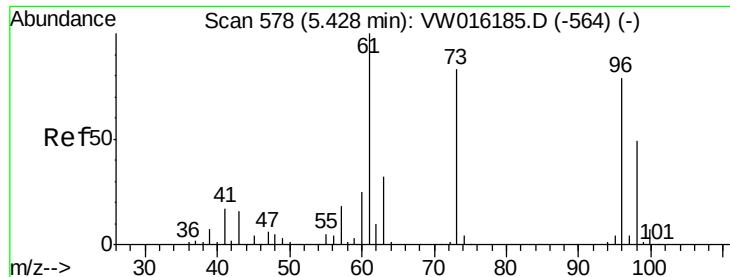
MMDadoda
8/24/2020 4:55:02 PM



#20
Methylene Chloride
Concen: 20.212 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 84 Resp: 60554
Ion Ratio Lower Upper
84 100
49 106.4 93.4 140.2
51 33.6 26.6 40.0
86 63.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.860 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

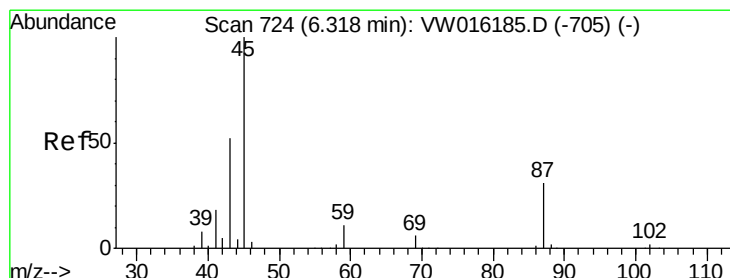
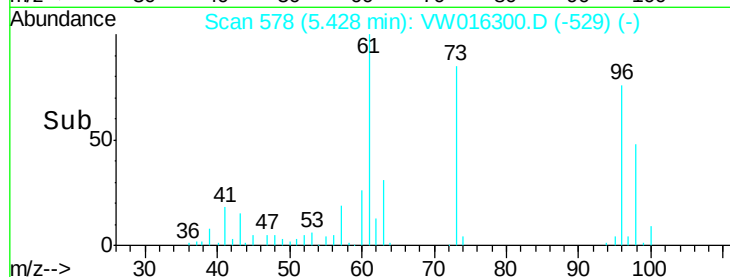
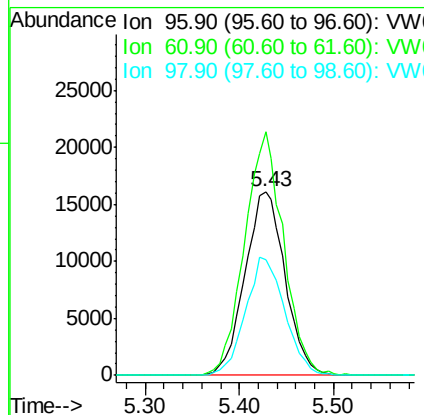
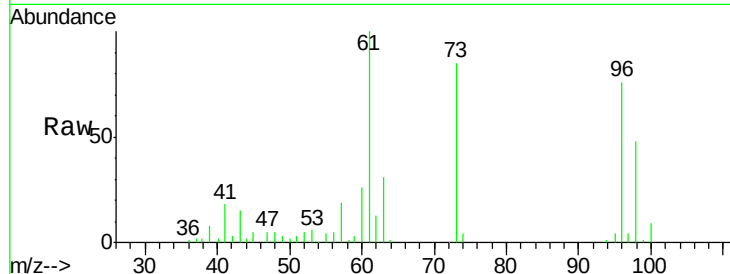
ClientSampleId :

VW0822SBSD01

Tot Ion:	96	Resp:	47982
Ion	Ratio	Lower	Upper
96	100		
61	132.4	101.4	152.0
98	63.2	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.269 ug/l

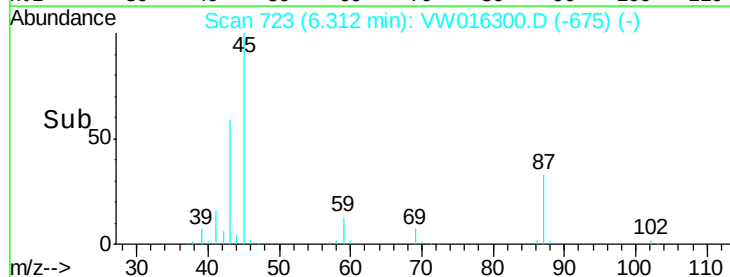
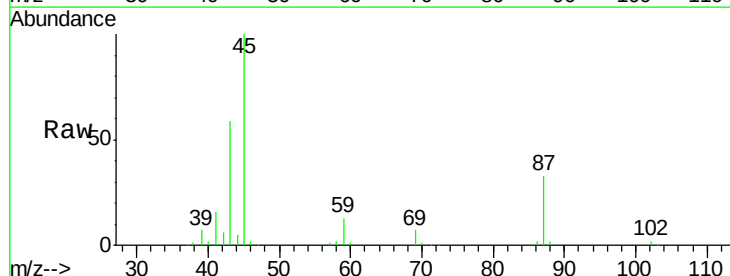
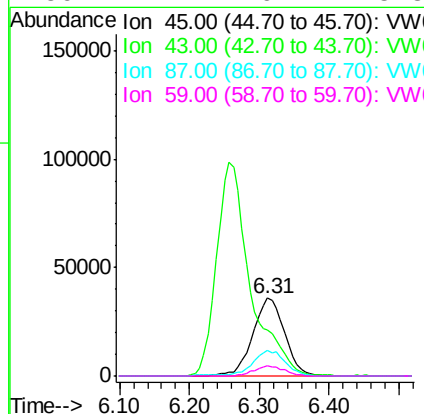
RT: 6.31 min Scan# 723

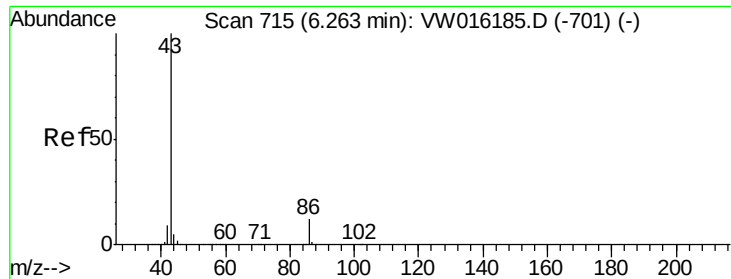
Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	45	Resp:	113845
Ion	Ratio	Lower	Upper
45	100		
43	57.8	41.7	62.5
87	32.4	25.0	37.6
59	12.7	9.2	13.8





#23

Vinyl Acetate

Concen: 92.658 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 43 Resp: 330625

Ion Ratio Lower Upper

43 100

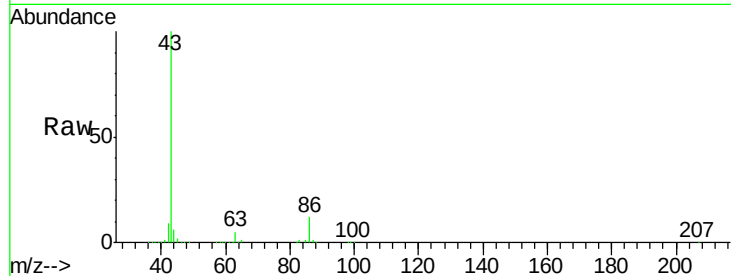
86 12.5 9.8 14.8

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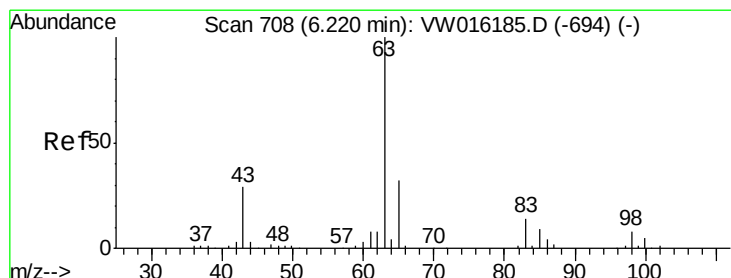
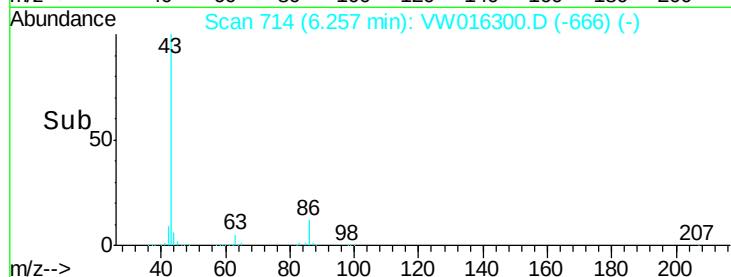
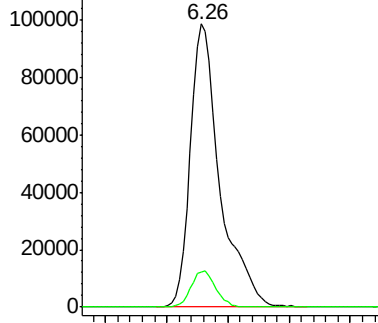
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 17.506 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

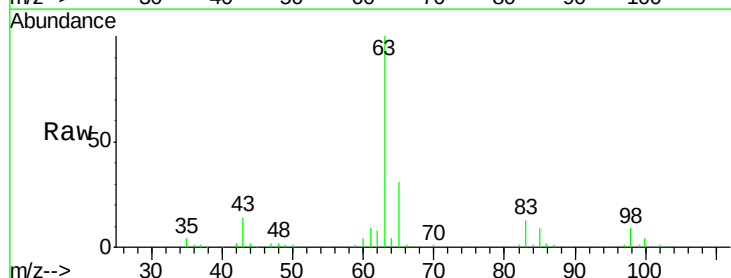
Tgt Ion: 63 Resp: 76140

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.7

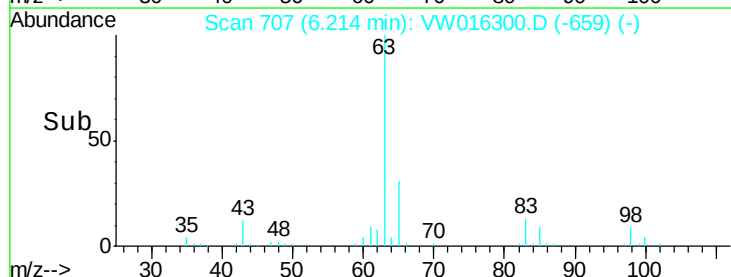
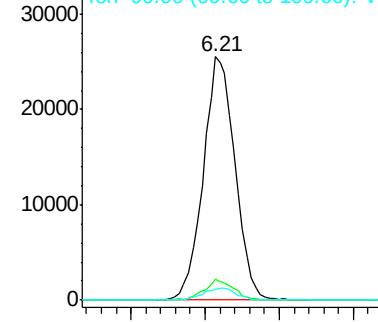
100 4.4 2.6 8.0

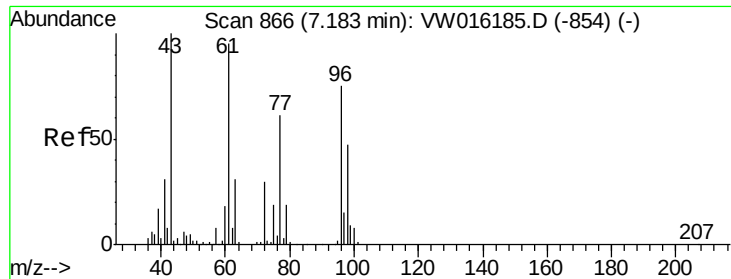


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 89.480 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 43 Resp: 50484

Ion Ratio Lower Upper

43 100

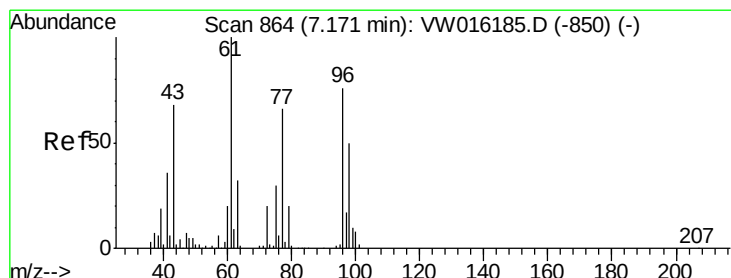
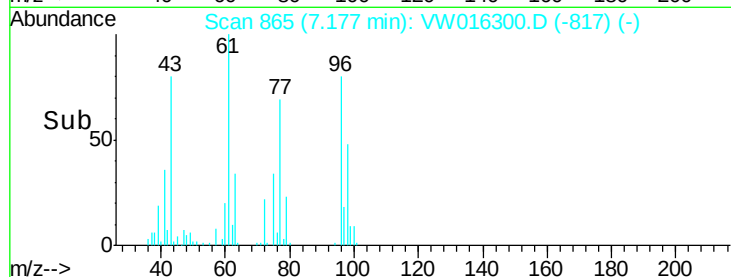
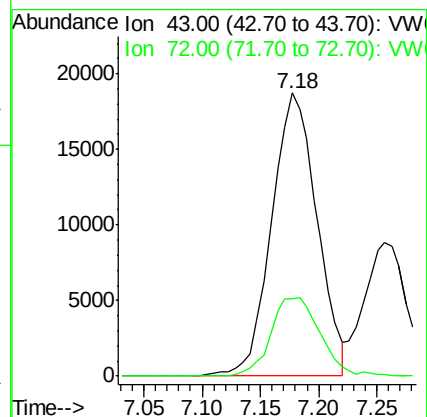
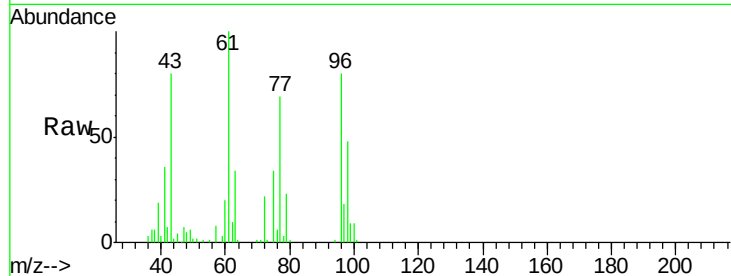
72 27.3 24.2 36.2

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.380 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016300.D

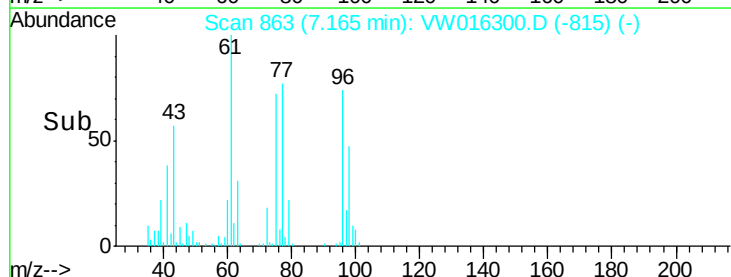
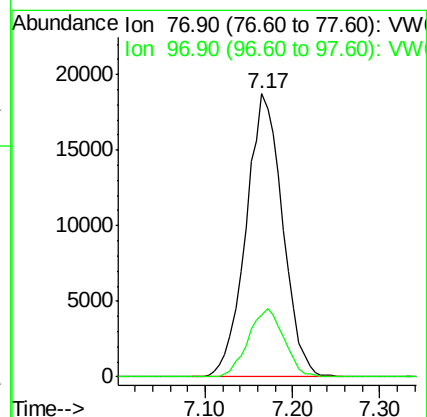
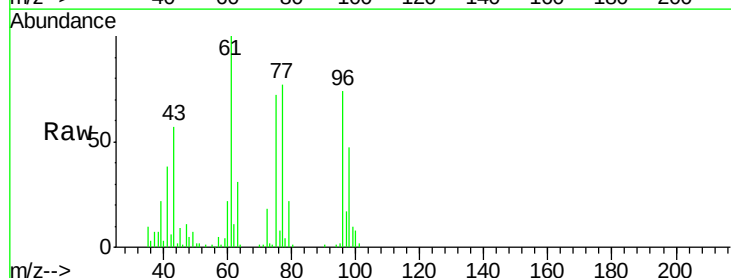
Acq: 21 Aug 2020 12:49

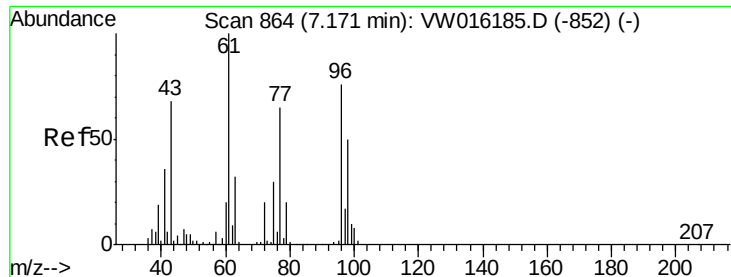
Tgt Ion: 77 Resp: 54449

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 18.824 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

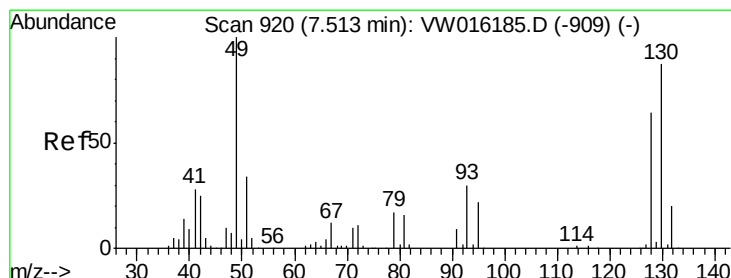
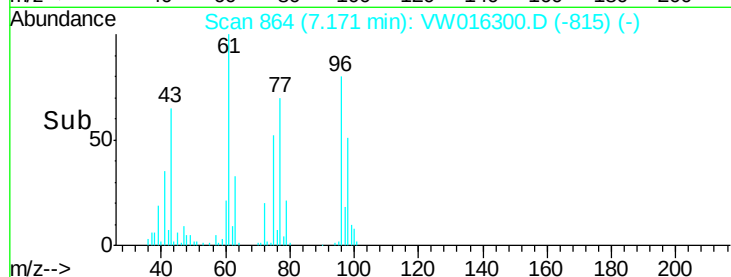
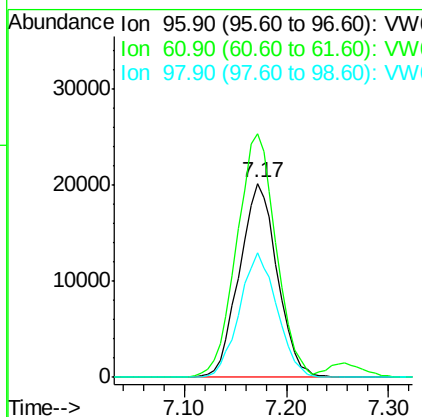
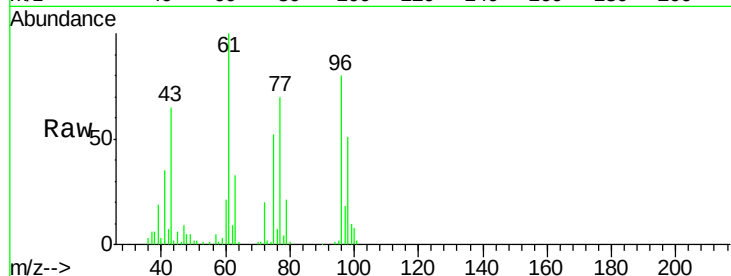
ClientSampleId :

VW0822SBS01

Tot Ion:	96	Resp:	52200
Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	267.0
98	63.6	0.0	129.6

Manual Integrations
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MMDadoda
8/24/2020 4:55:02 PM



#28

Bromochloromethane

Concen: 18.004 ug/l

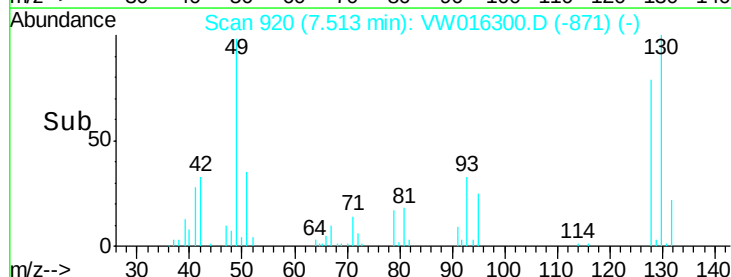
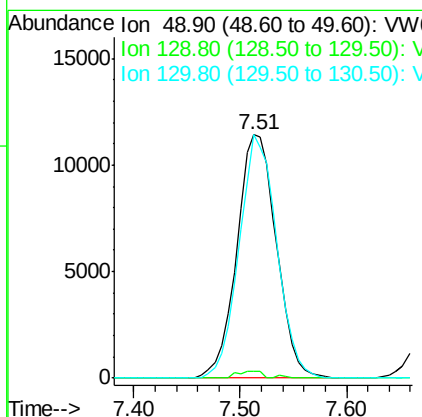
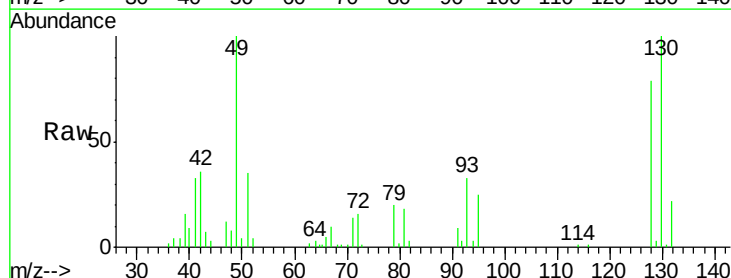
RT: 7.51 min Scan# 920

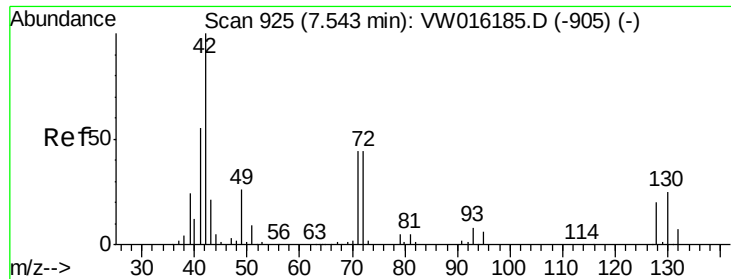
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	49	Resp:	29709
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	95.0	69.9	104.9





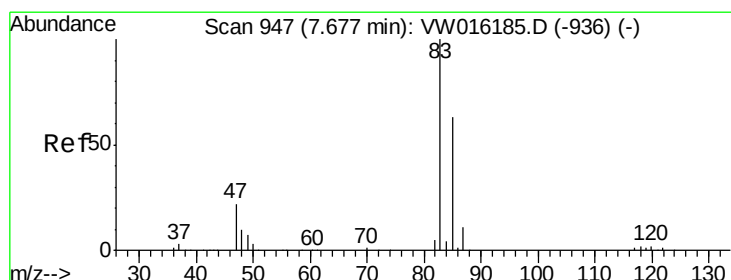
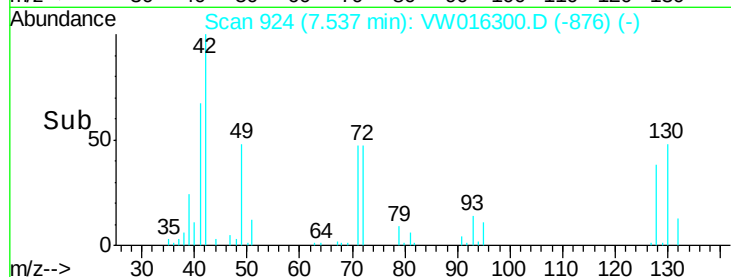
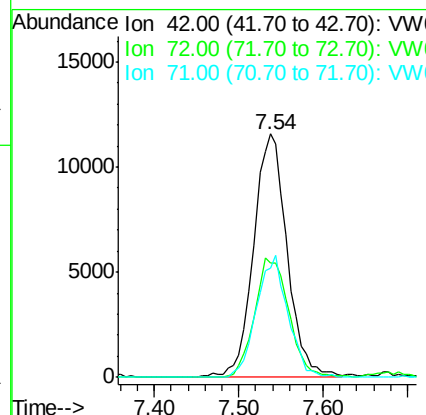
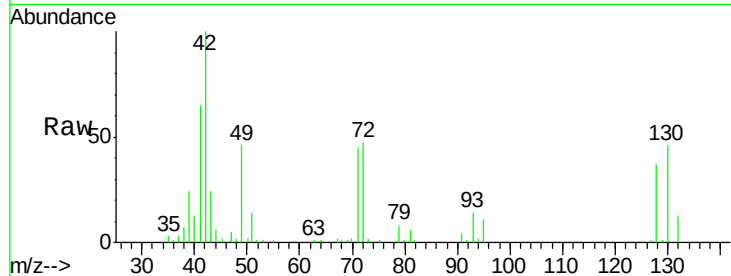
#29
Tetrahydrofuran
Concen: 93.126 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.4	56.2
71	46.8	35.6	53.4

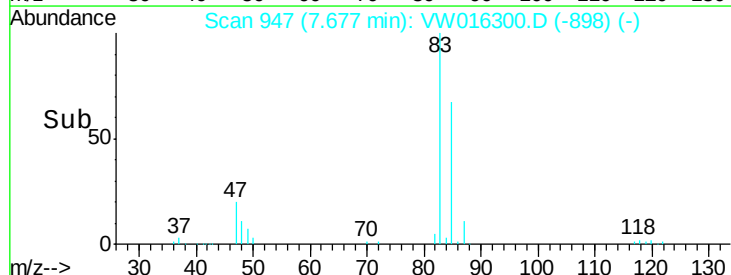
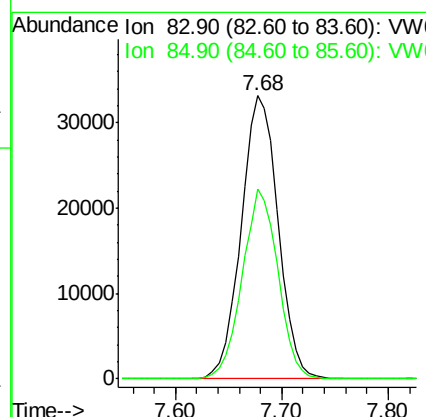
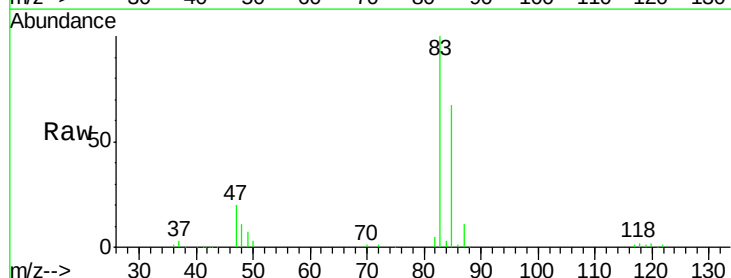
Manual Integrations
APPROVED

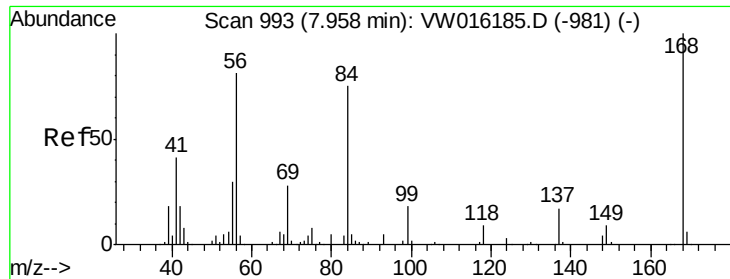
MMDadoda
8/24/2020 4:55:02 PM



#30
Chloroform
Concen: 17.838 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.0	75.0





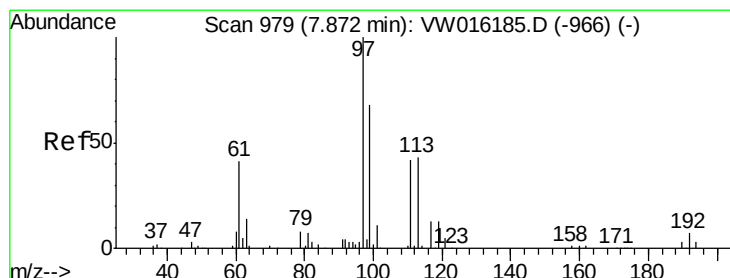
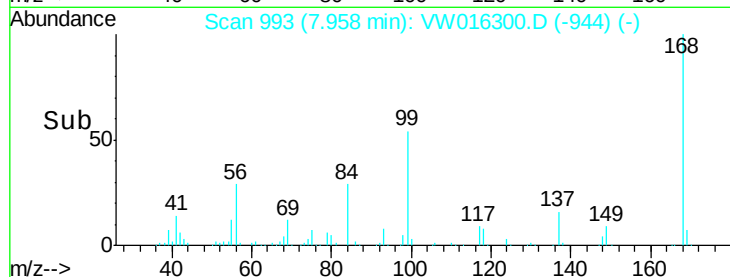
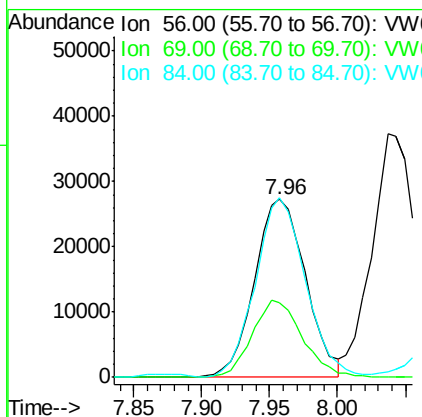
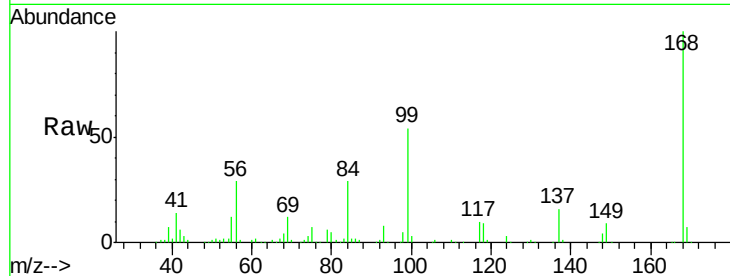
#31
Cyclohexane
Concen: 17.886 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.6	27.3	40.9#
84	99.8	73.5	110.3

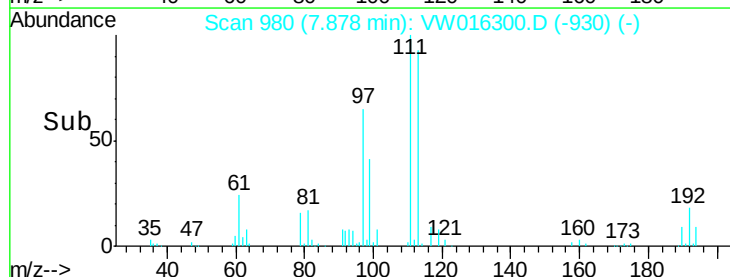
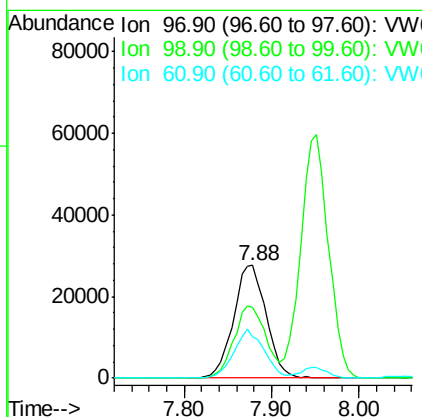
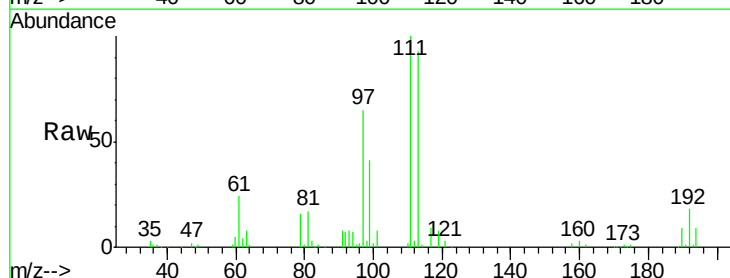
Manual Integrations
APPROVED

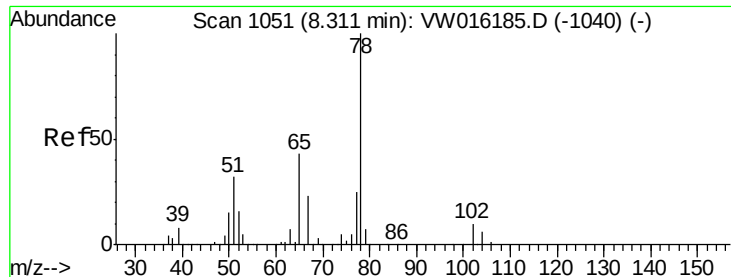
MMDadoda
8/24/2020 4:55:02 PM



#32
1,1,1-Trichloroethane
Concen: 18.772 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	40.5	33.2	49.8





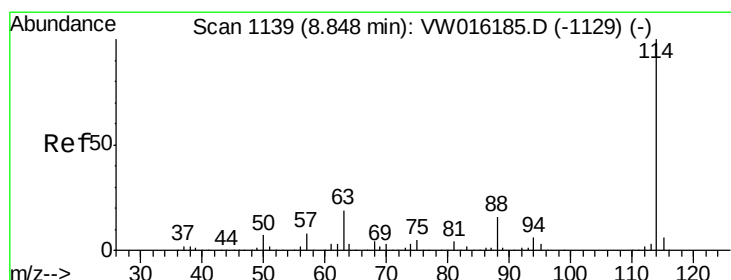
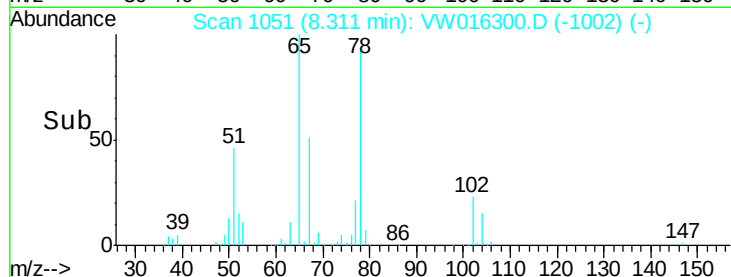
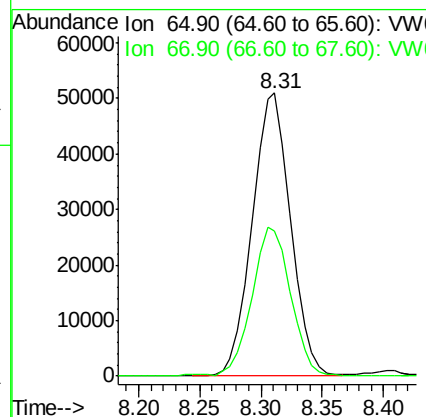
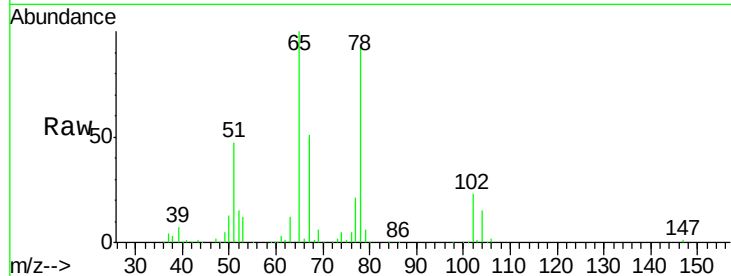
#33
 1,2-Dichloroethane-d4
 Concen: 50.600 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111197		
67	52.9	0.0	105.6	

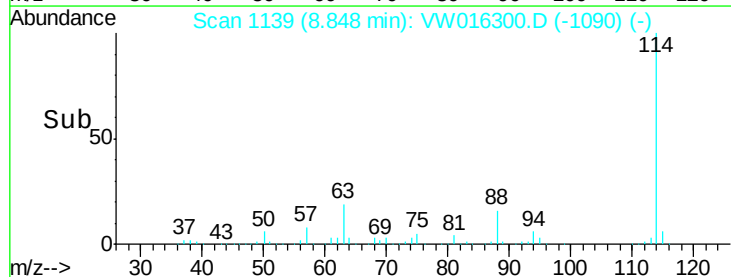
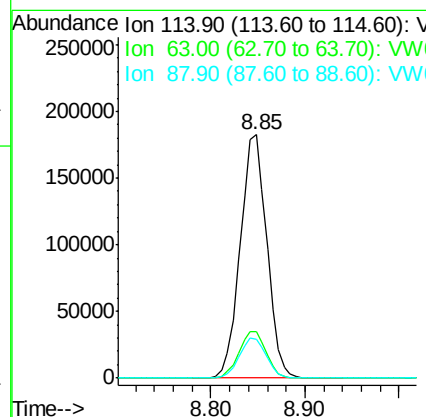
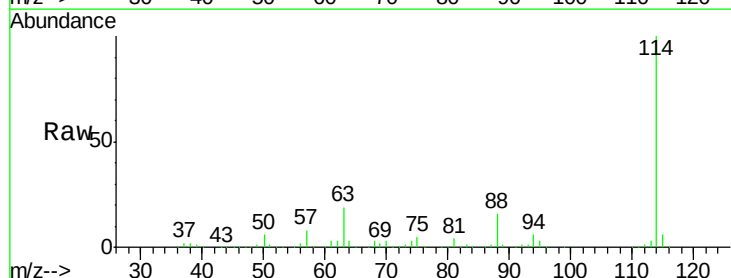
Manual Integrations
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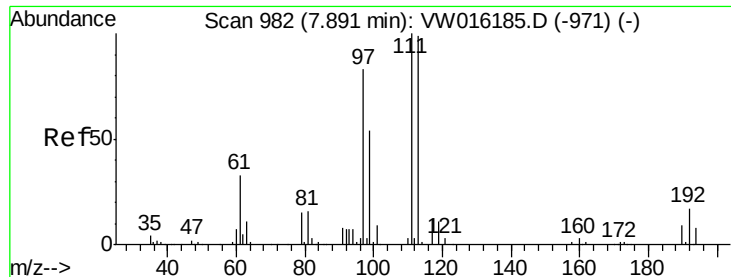
MMDadoda
 8/24/2020 4:55:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358961		
63	19.2	0.0	38.4	
88	16.1	0.0	32.8	





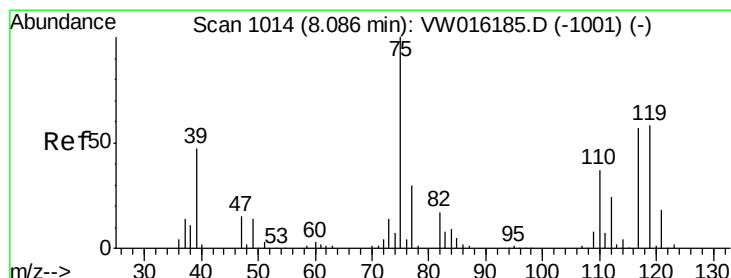
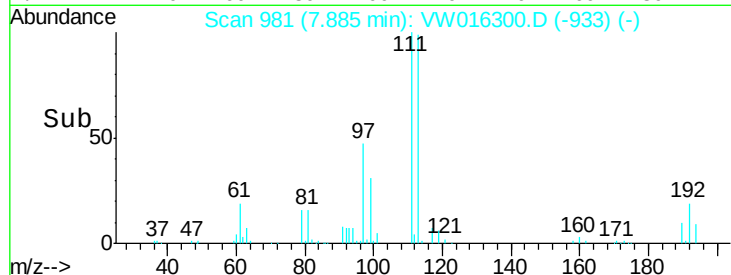
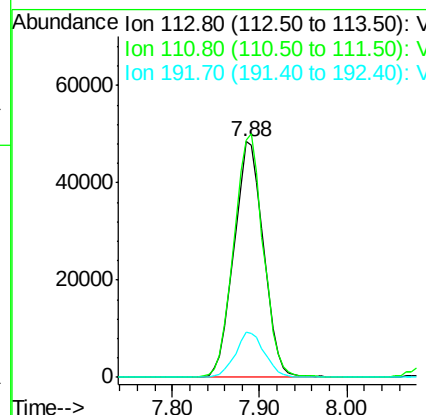
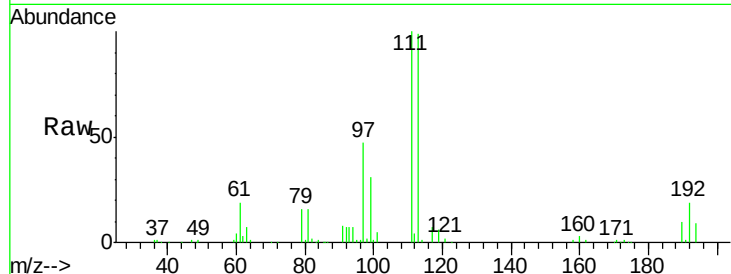
#35
 Dibromofluoromethane
 Concen: 51.478 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	114014		
111	102.8	83.5	125.3	
192	18.9	14.3	21.5	

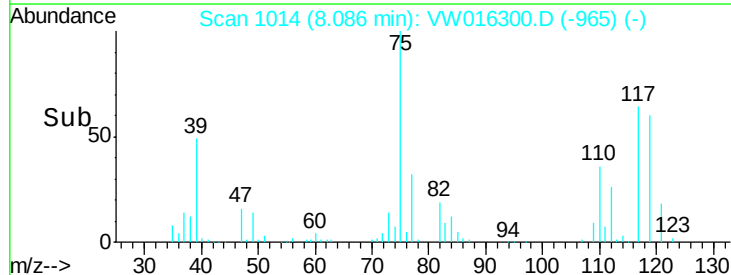
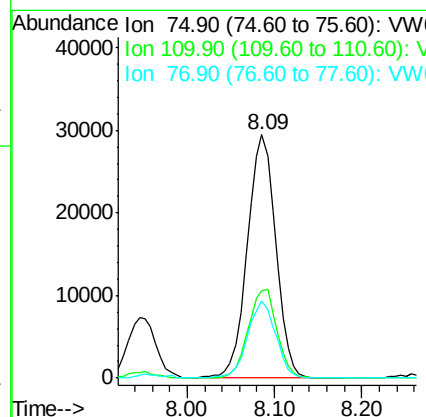
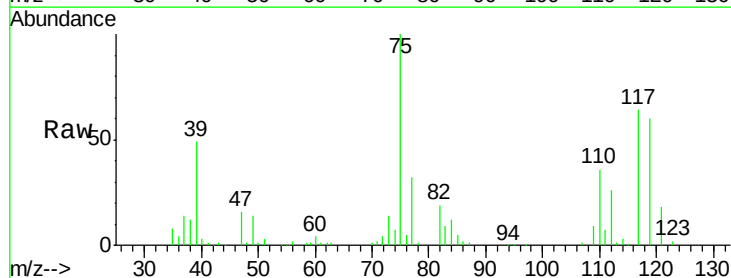
Manual Integrations
 APPROVED

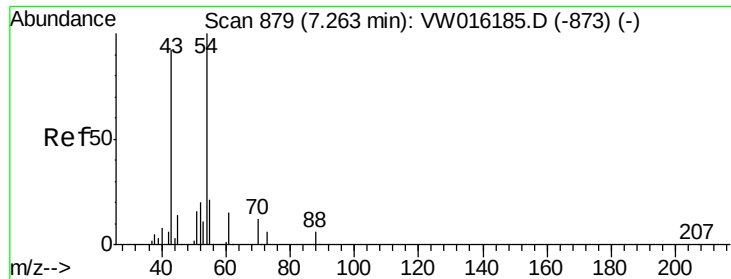
MMDadoda
 8/24/2020 4:55:02 PM



#36
 1,1-Dichloropropene
 Concen: 18.878 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66757		
110	36.5	18.1	54.3	
77	31.3	24.7	37.1	





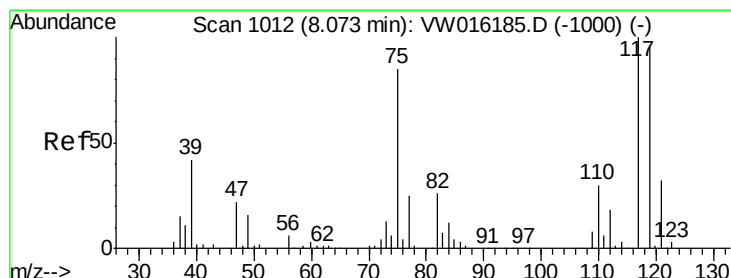
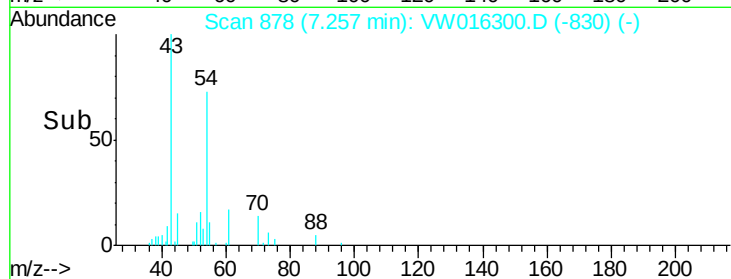
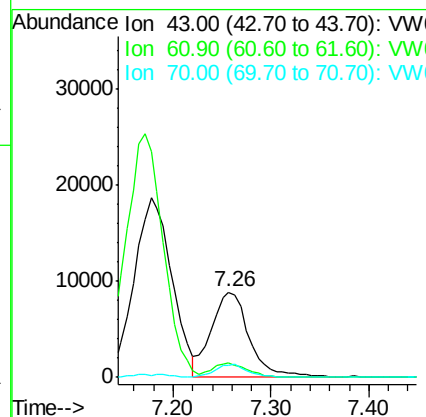
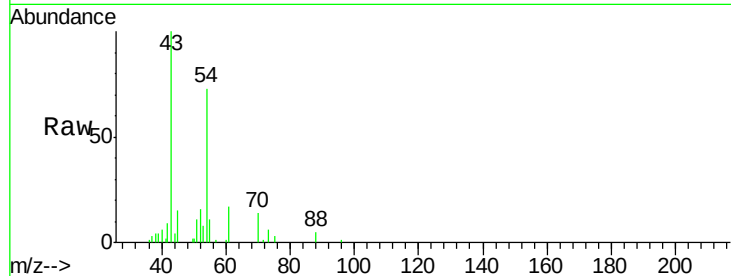
#37
Ethyl Acetate
Concen: 19.384 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.6	18.8
70	13.2	9.8	14.8

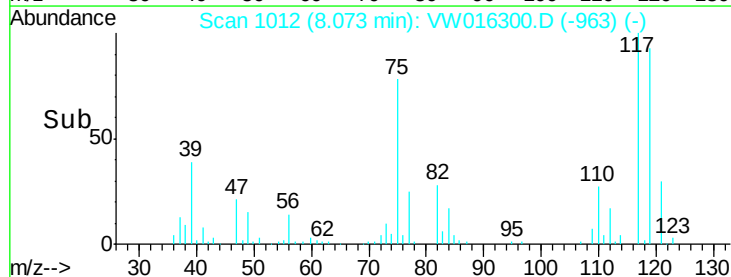
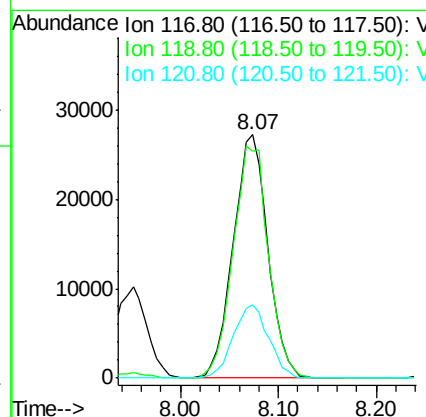
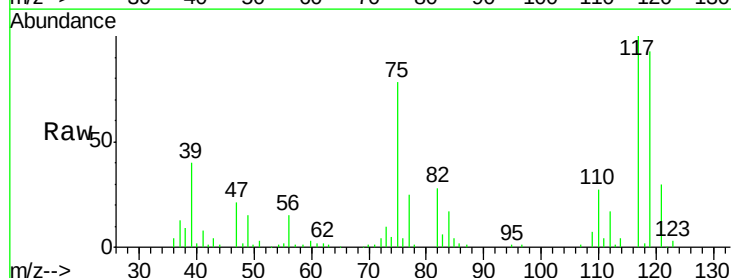
Manual Integrations
APPROVED

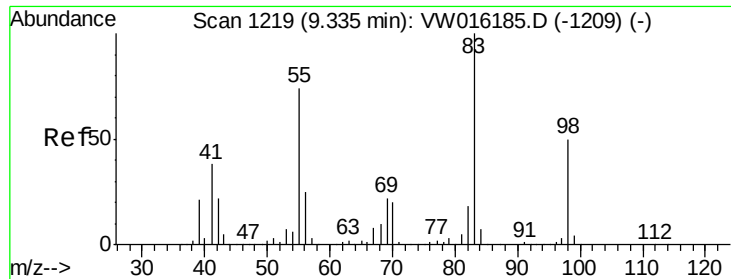
MMDadoda
8/24/2020 4:55:02 PM



#38
Carbon Tetrachloride
Concen: 18.953 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.6	115.0
121	30.0	25.4	38.0





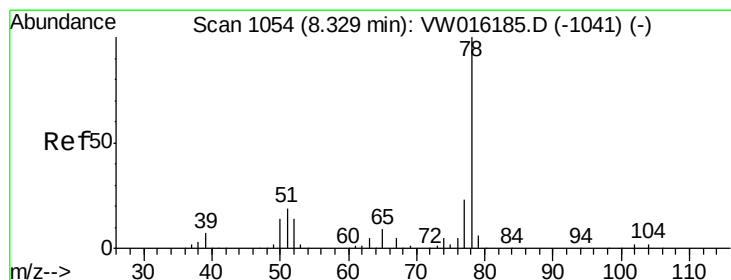
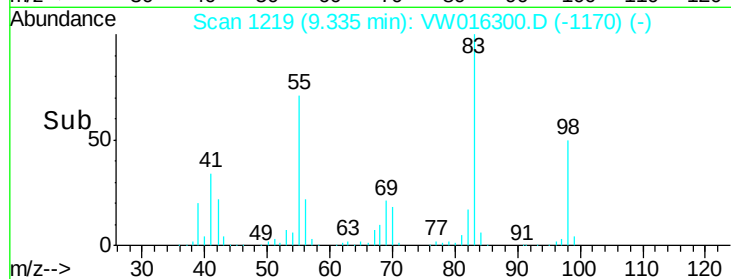
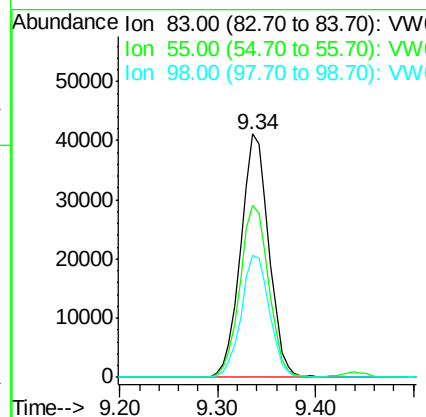
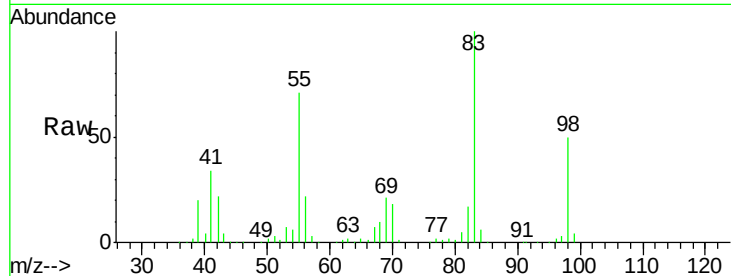
#39
Methylvlcyclohexane
Concen: 19.255 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion	83.00	Resp:	82019
Ion	Ratio	Lower	Upper
83	100		
55	70.7	59.2	88.8
98	50.2	40.2	60.2

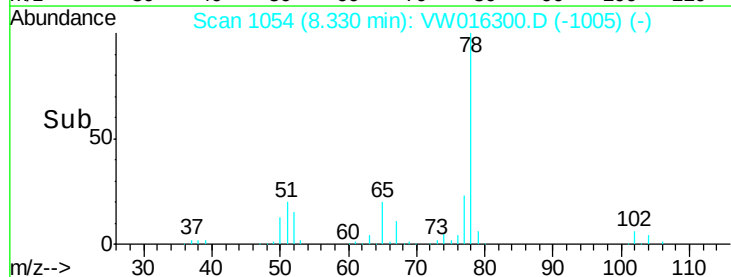
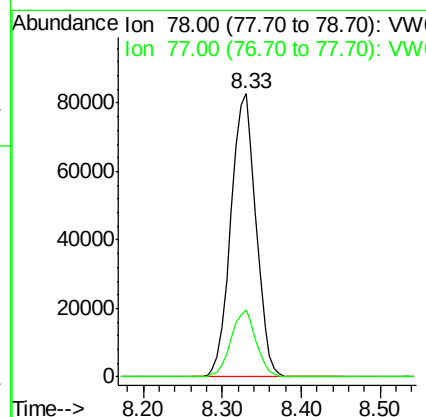
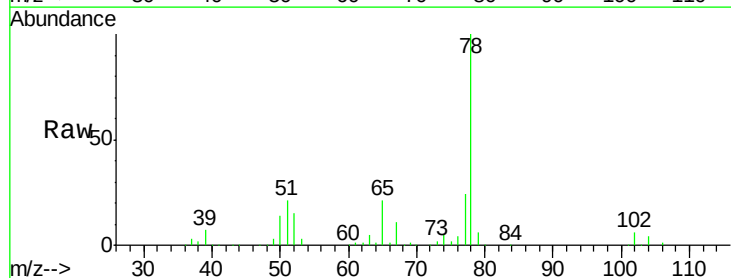
Manual Integrations
APPROVED

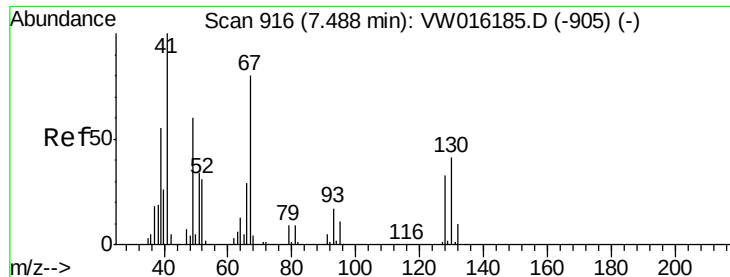
MMDadoda
8/24/2020 4:55:02 PM



#40
Benzene
Concen: 18.425 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	78.00	Resp:	183300
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





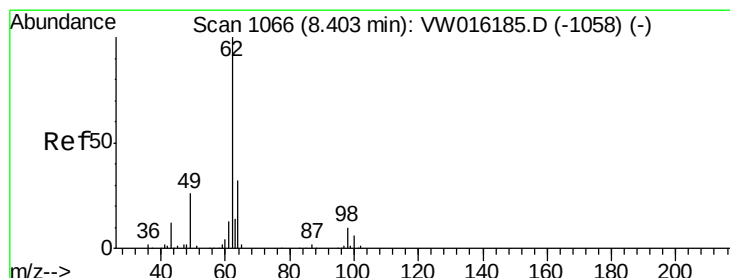
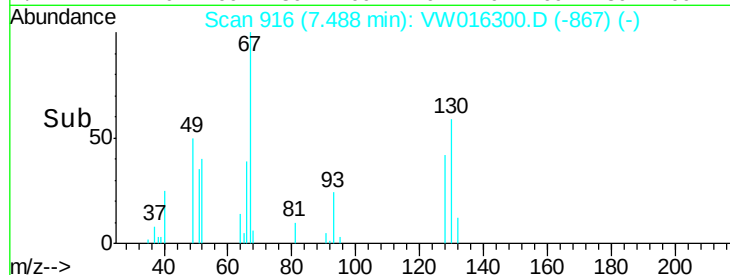
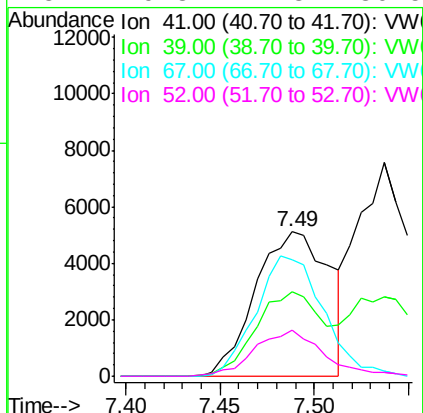
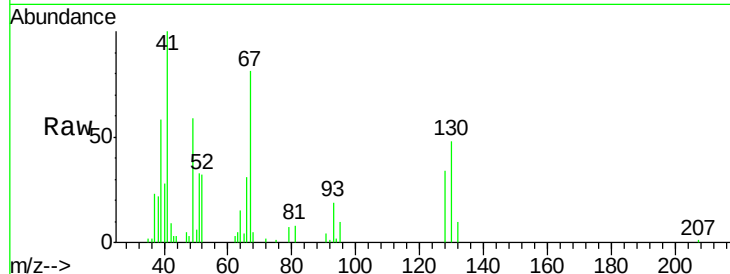
#41
Methacrylonitrile
Concen: 20.161 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	41	Resp	13951
Ion	Ratio	Lower	Upper
41	100		
39	50.1	43.4	65.2
67	76.0	61.5	92.3
52	29.8	24.3	36.5

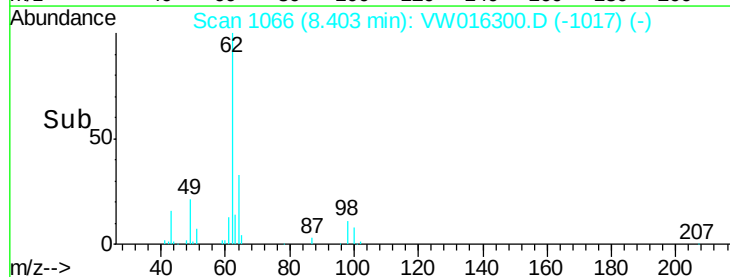
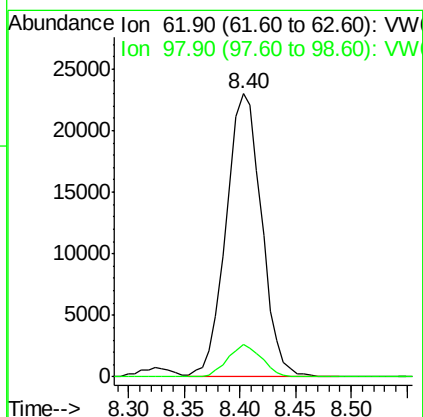
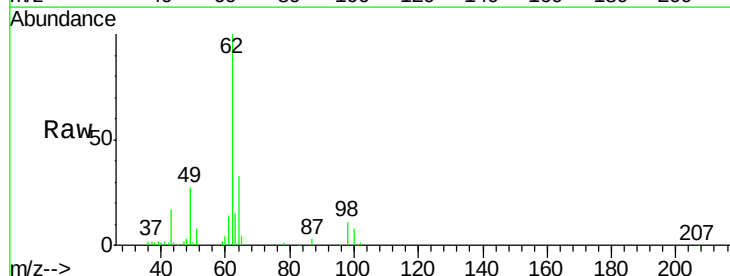
Manual Integrations
APPROVED

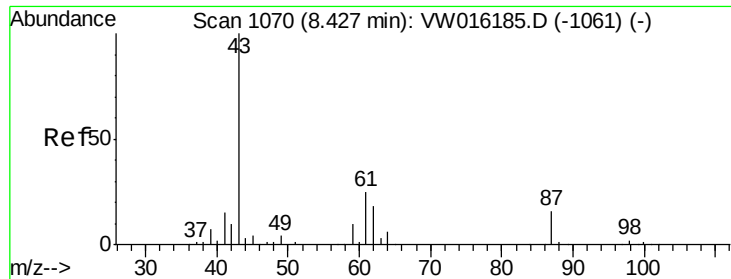
MMDadoda
8/24/2020 4:55:02 PM



#42
1,2-Dichloroethane
Concen: 19.328 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	62	Resp	50783
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 18.889 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

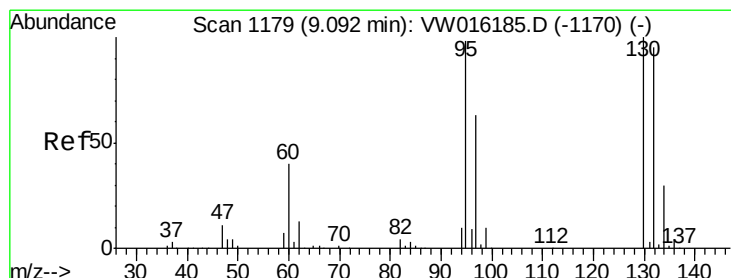
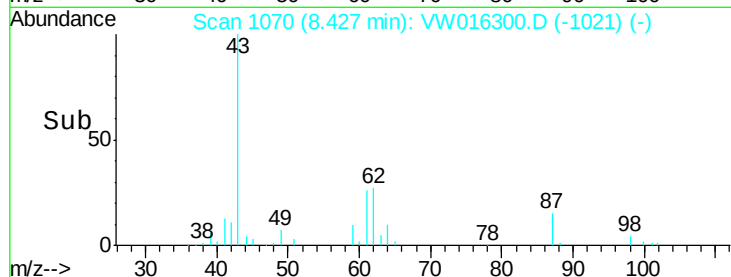
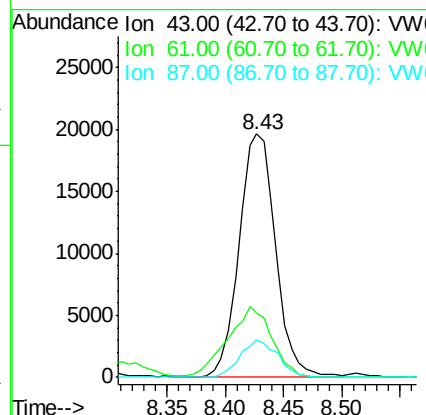
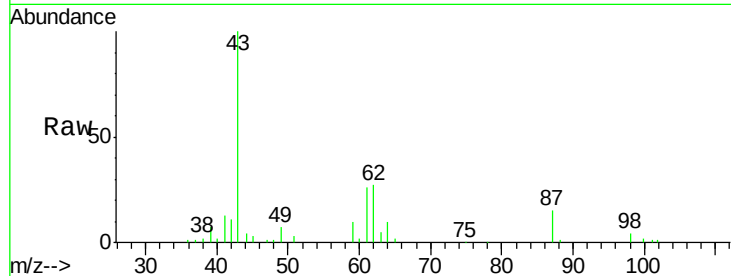
ClientSampleId :

VW0822SBS01

Tot Ion:	43	Resp:	43085
Ion	Ratio	Lower	Upper
43	100		
61	35.1	26.9	40.3
87	15.7	12.0	18.0

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#44

Trichloroethene

Concen: 18.066 ug/l

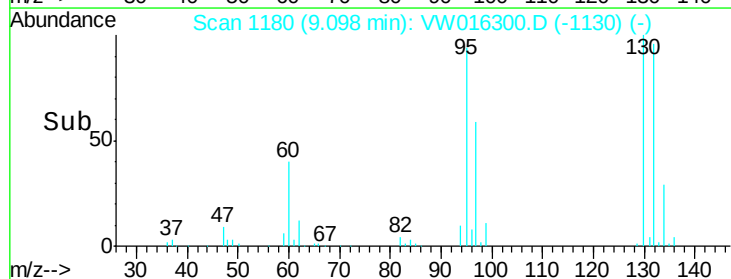
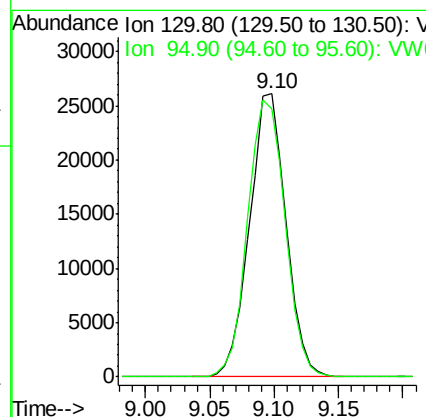
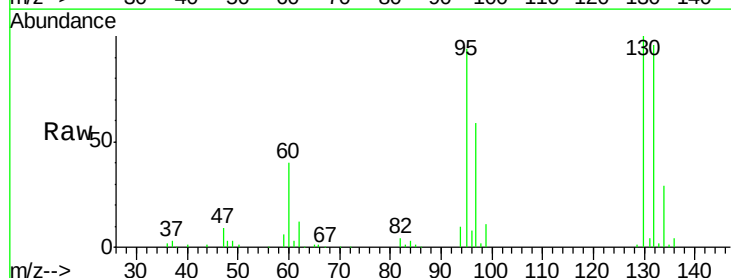
RT: 9.10 min Scan# 1180

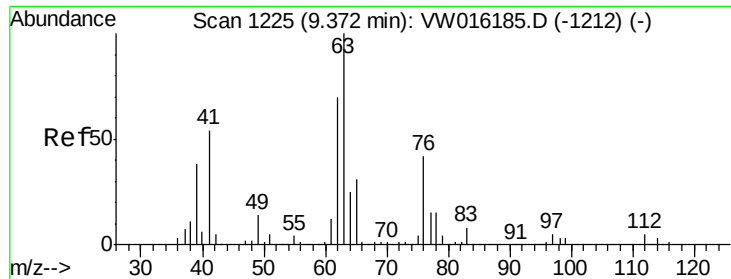
Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	130	Resp:	50903
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.4





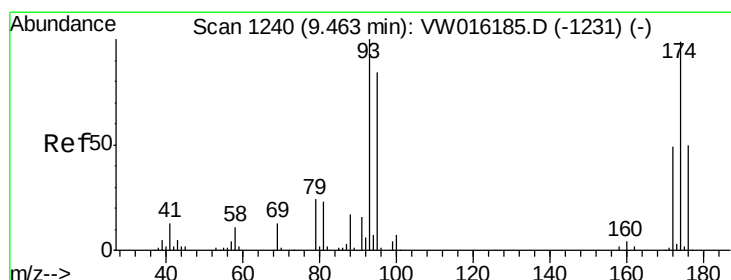
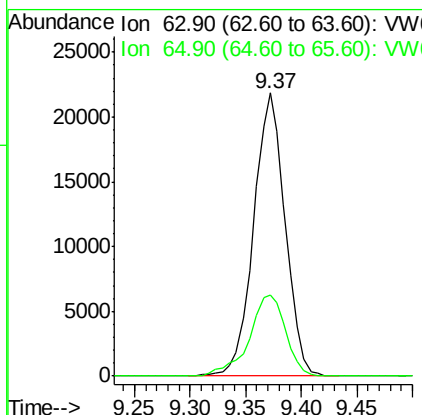
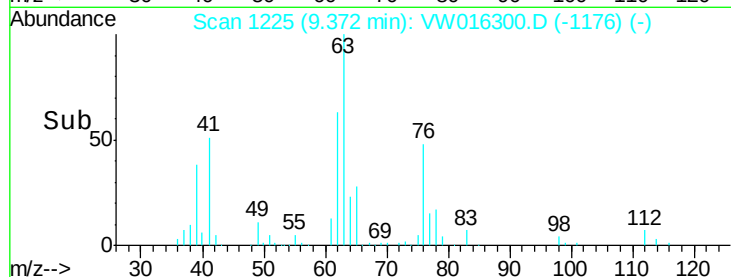
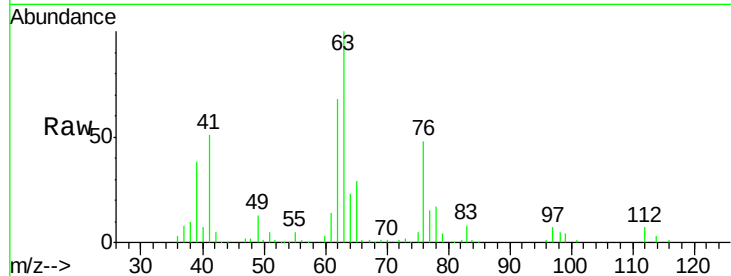
#45
 1,2-Dichloropropane
 Concen: 18.347 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	25.0	37.6

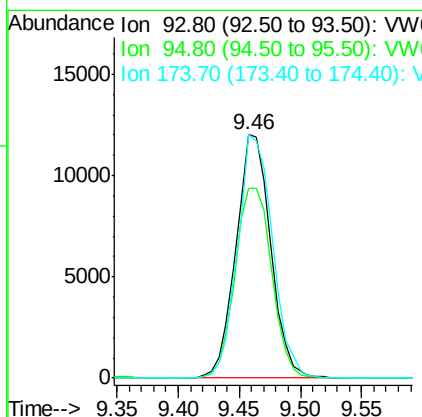
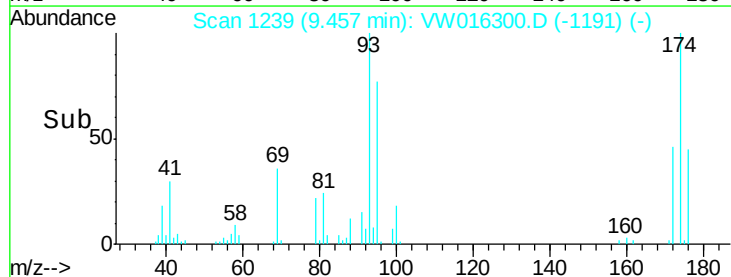
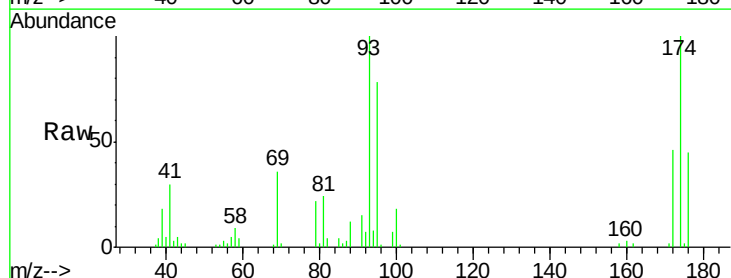
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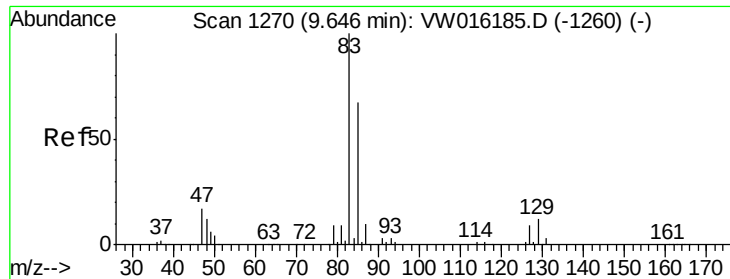
MMDadoda
 8/24/2020 4:55:02 PM



#46
 Dibromomethane
 Concen: 19.222 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.9	98.9
174	100.6	77.0	115.6





#47

Bromodichloromethane

Concen: 18.697 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

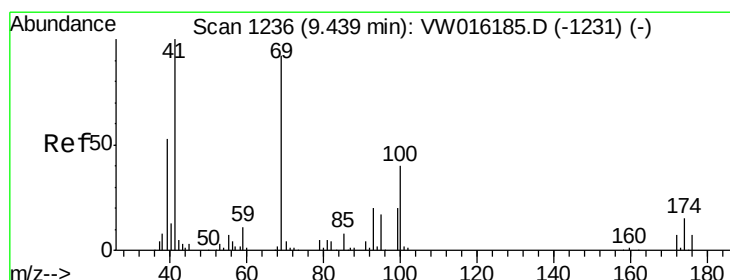
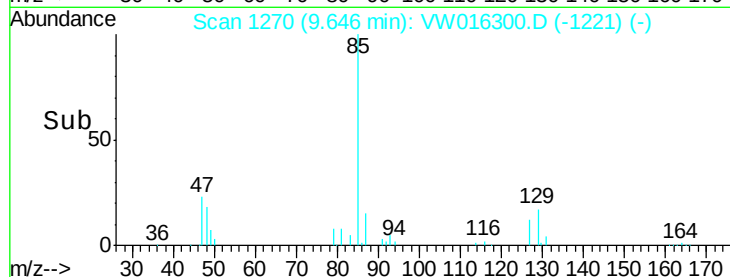
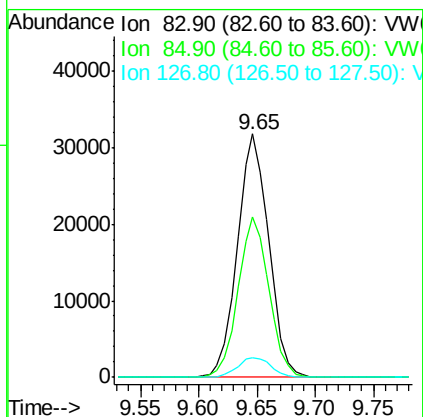
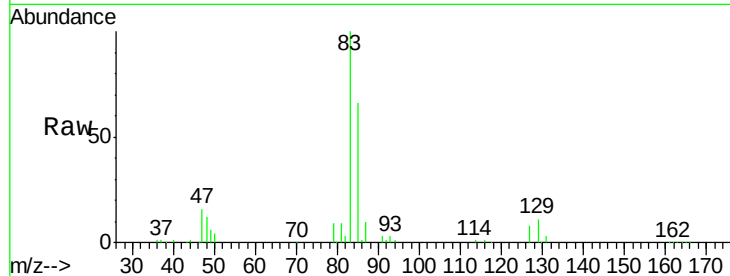
ClientSampleId :

VW0822SBS01

Tot Ion:	83	Resp:	59474
Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.3	79.9
127	8.1	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.737 ug/l

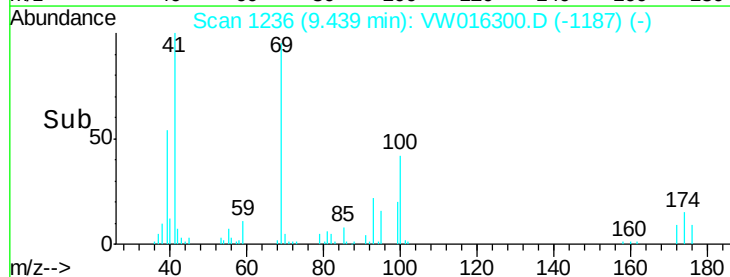
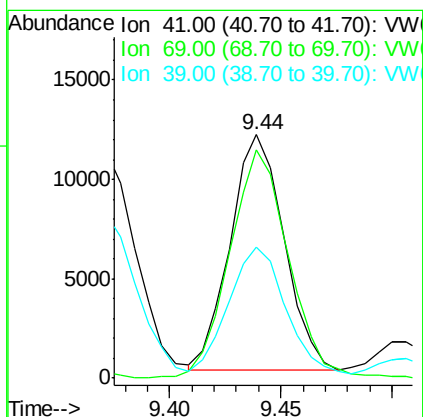
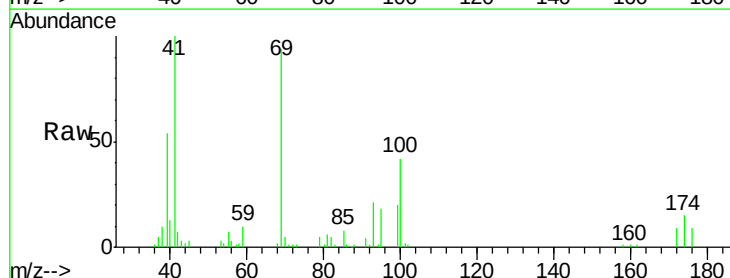
RT: 9.44 min Scan# 1236

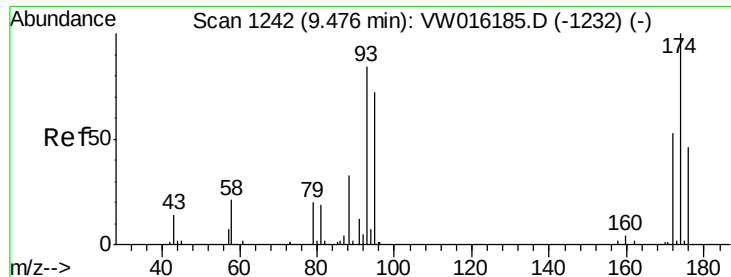
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	41	Resp:	19869
Ion	Ratio	Lower	Upper
41	100		
69	106.3	77.4	116.0
39	57.2	42.2	63.2





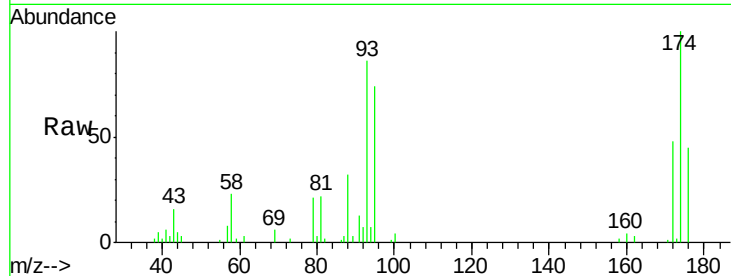
#49
 1,4-Dioxane
 Concen: 412.635 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.9	56.6	84.8

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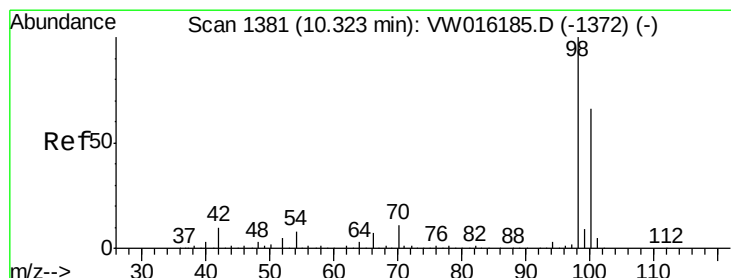
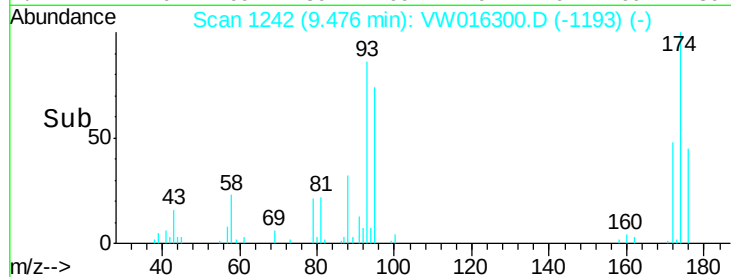
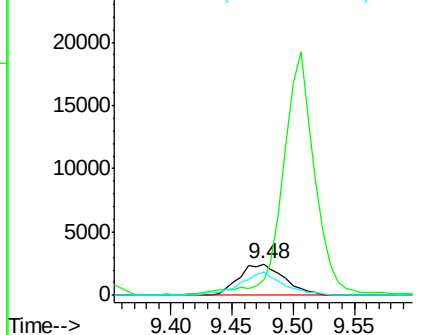


Abundance

Ion 88.00 (87.70 to 88.70): VW

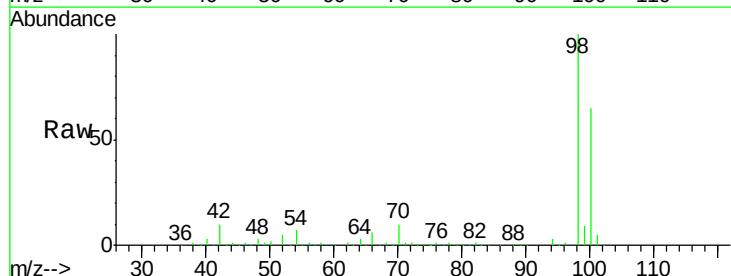
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 52.330 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

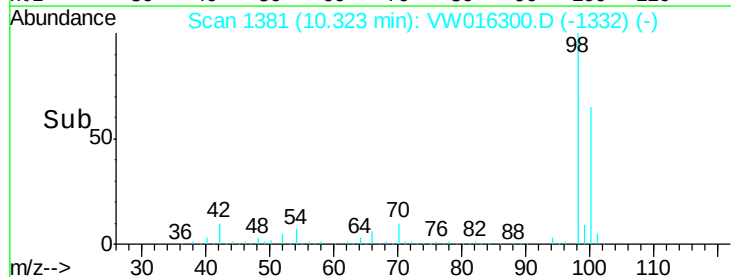
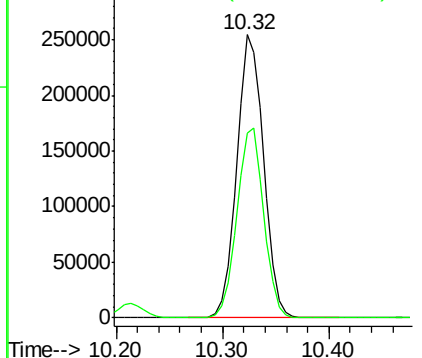
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3

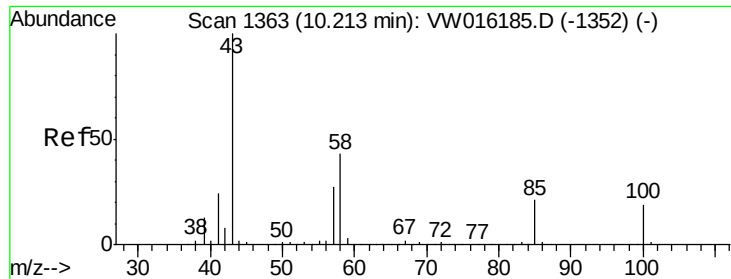


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 97.277 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 43 Resp: 112225

Ion Ratio Lower Upper

43 100

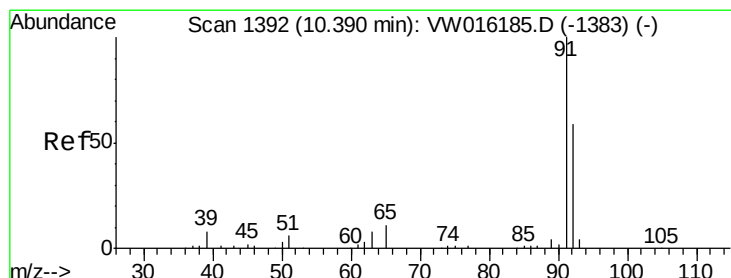
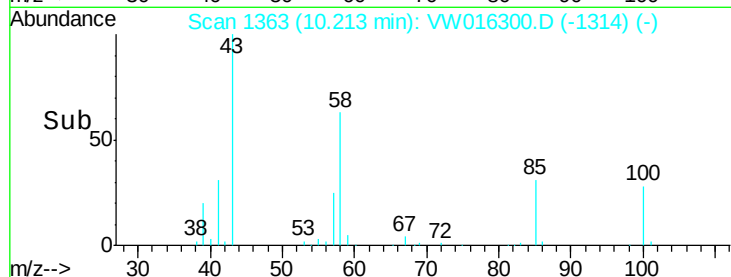
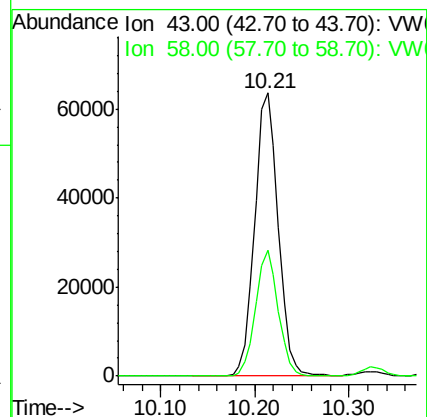
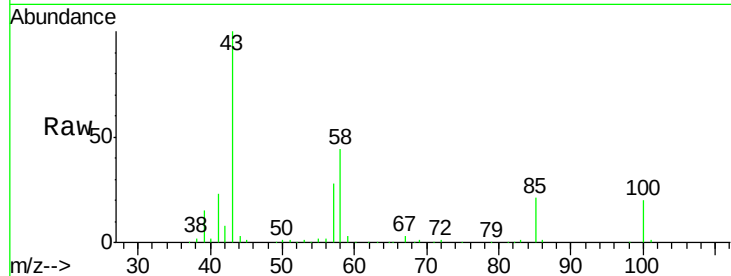
58 42.7 33.7 50.5

Manual Integrations

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#52

Toluene

Concen: 19.264 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016300.D

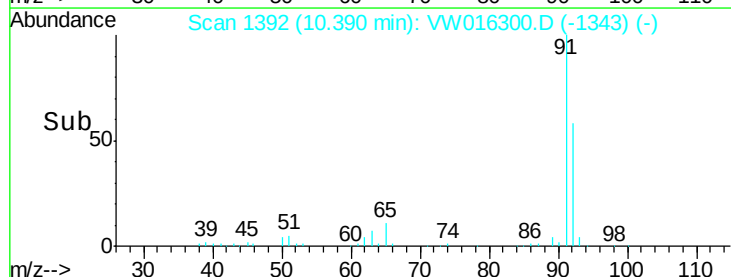
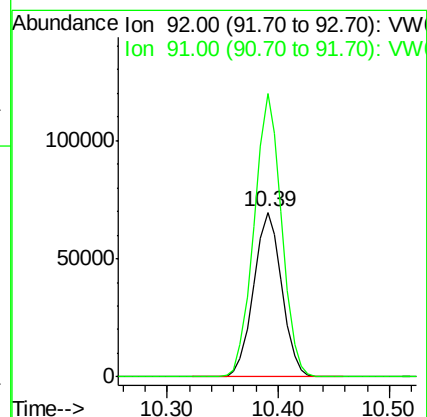
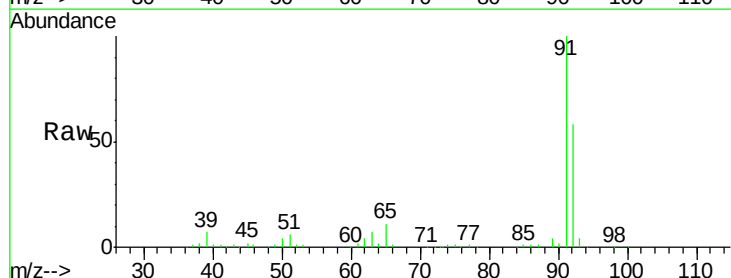
Acq: 21 Aug 2020 12:49

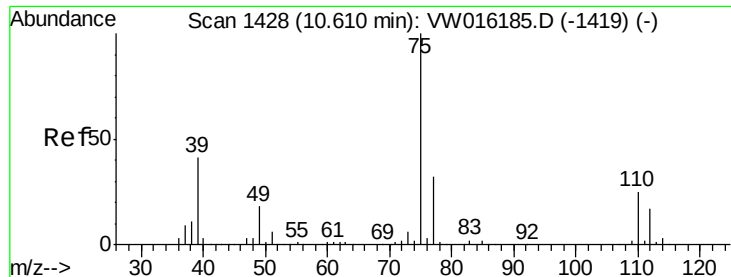
Tgt Ion: 92 Resp: 122718

Ion Ratio Lower Upper

92 100

91 167.6 133.3 199.9





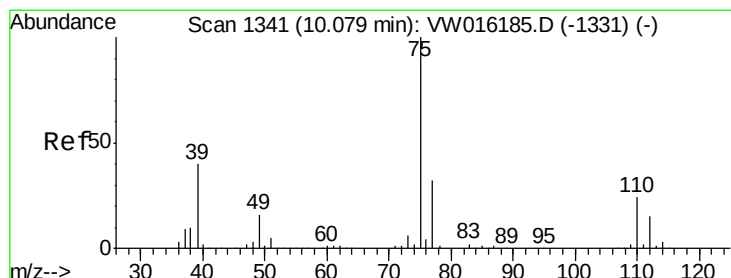
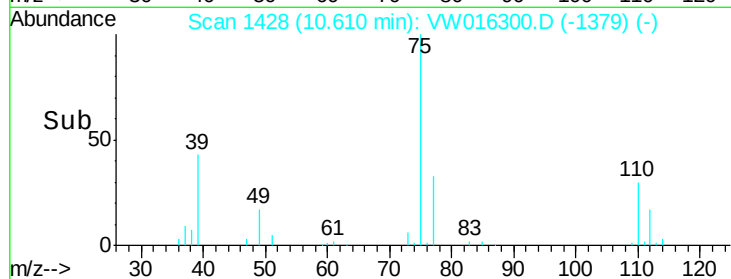
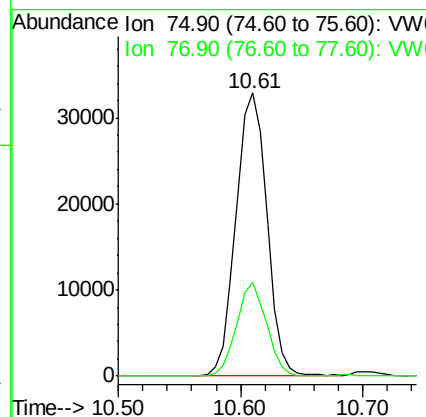
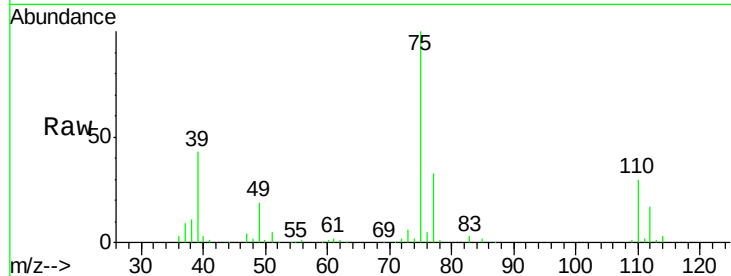
#53
 t-1,3-Dichloropropene
 Concen: 19.593 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0822SBSD01

Tot Ion: 75 Resp: 57705
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4

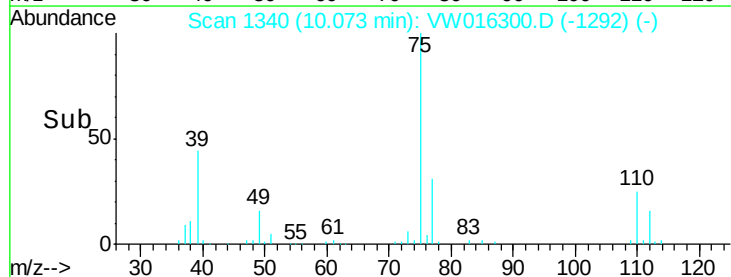
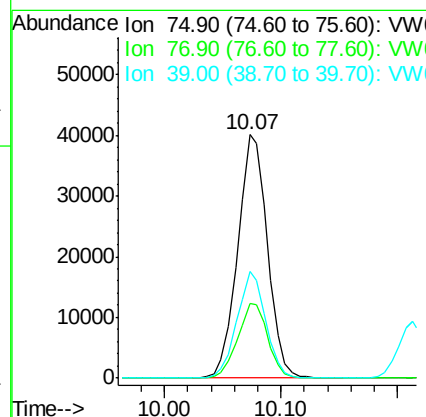
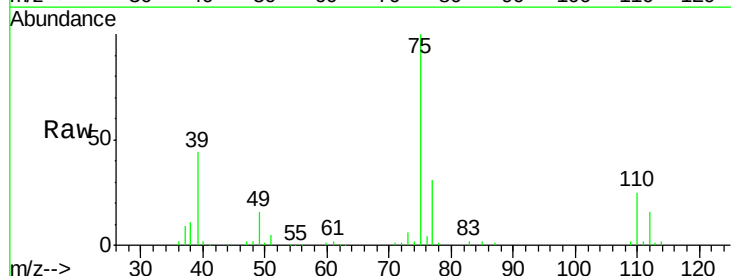
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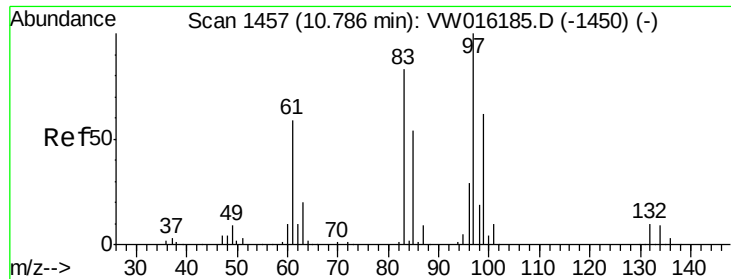
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#54
 cis-1,3-Dichloropropene
 Concen: 19.443 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion: 75 Resp: 71170
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 43.5 32.3 48.5





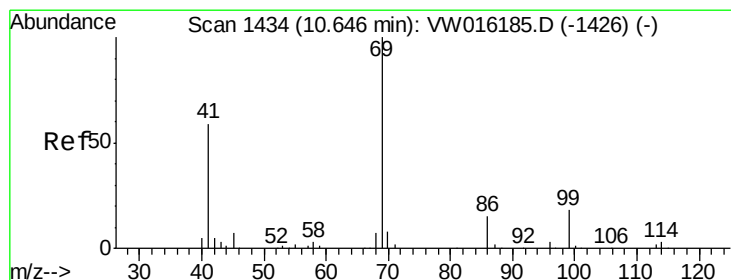
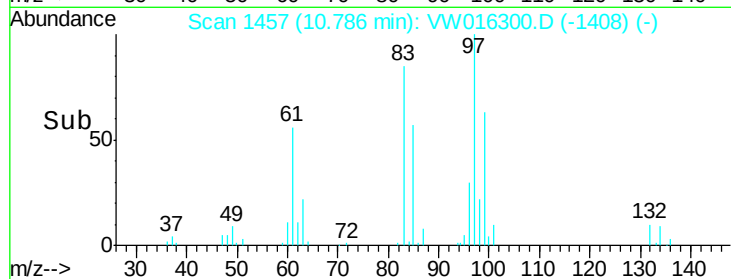
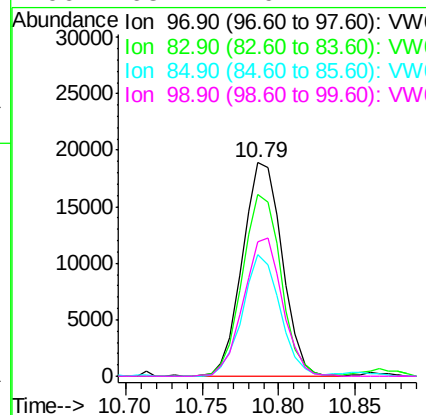
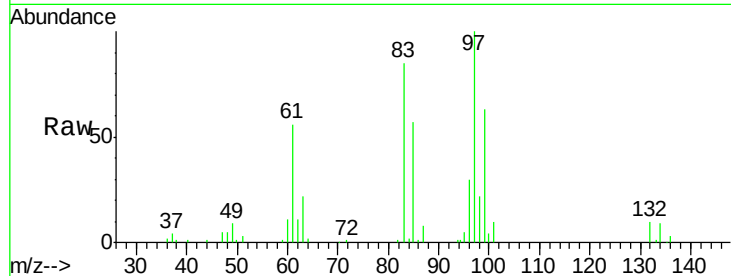
#55
 1,1,2-Trichloroethane
 Concen: 19.361 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		34201		
83	85.1	66.6	100.0		
85	56.7	43.0	64.4		
99	63.2	49.4	74.2		

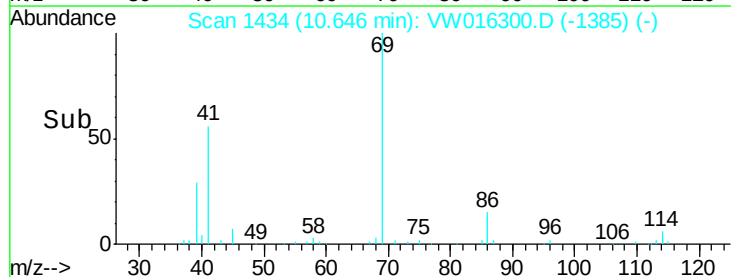
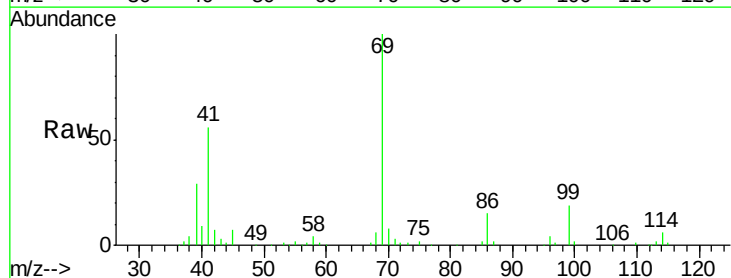
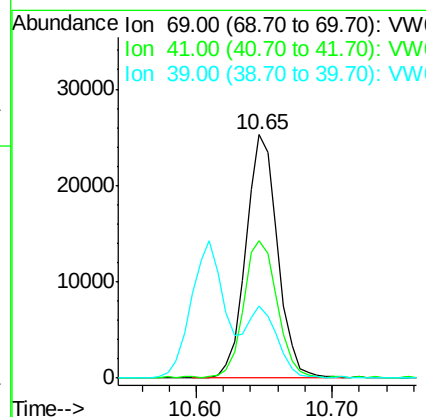
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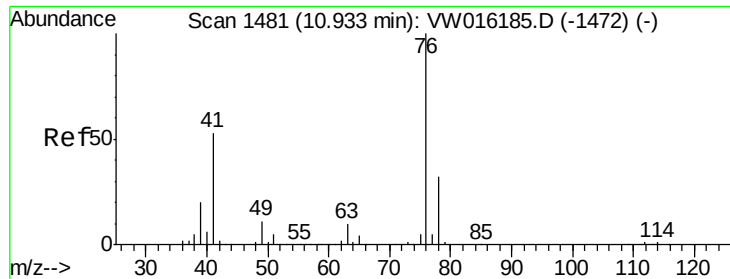
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 8/24/2020 4:55:02 PM



#56
 Ethyl methacrylate
 Concen: 20.446 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		41190		
41	60.8	47.6	71.4		
39	26.1	24.6	36.8		





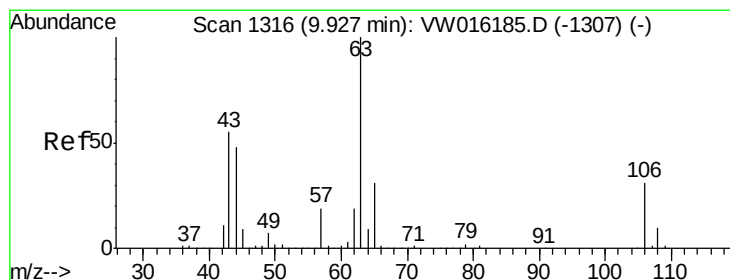
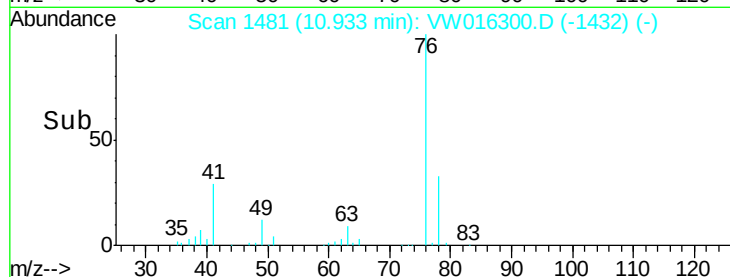
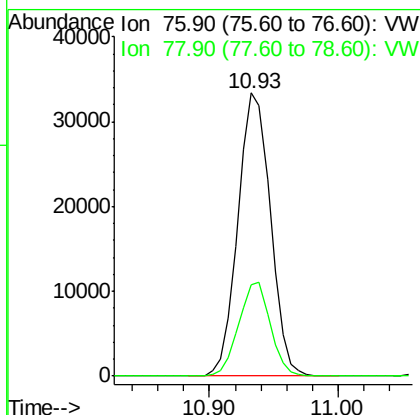
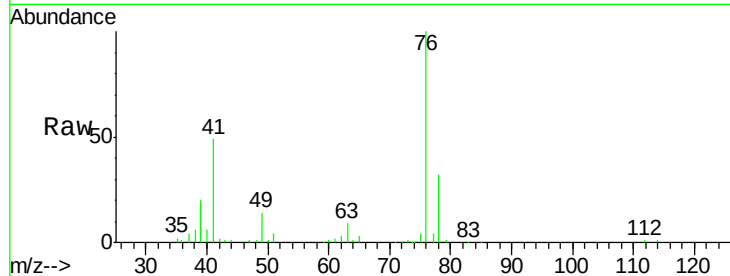
#57
 1,3-Dichloropropane
 Concen: 19.438 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	76	Resp	58424
Ion Ratio	Lower	Upper	
76	100		
78	32.0	25.8	38.8

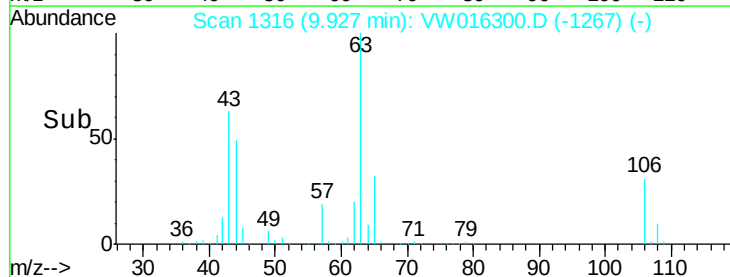
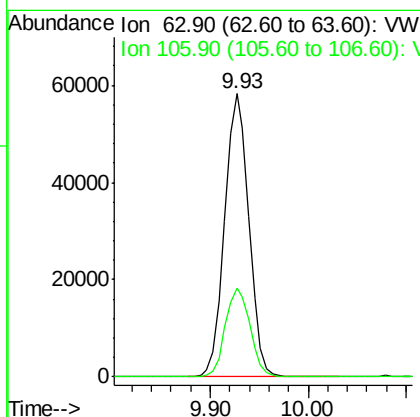
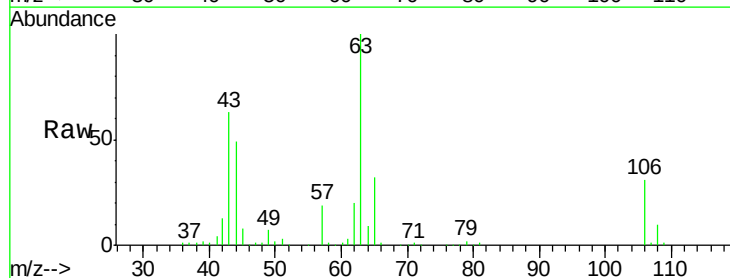
Manual Integrations
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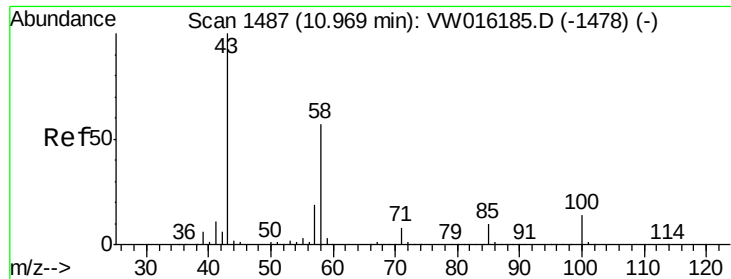
MMDadoda
 8/24/2020 4:55:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.611 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	63	Resp	99758
Ion Ratio	Lower	Upper	
63	100		
106	32.0	24.9	37.3





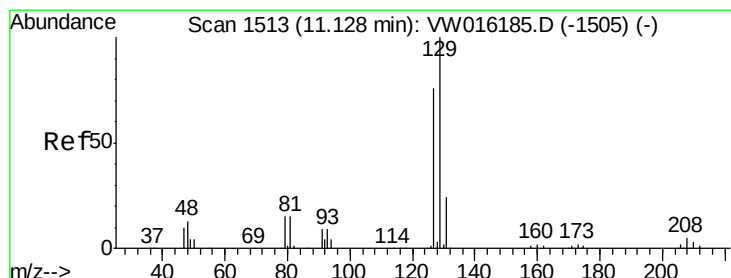
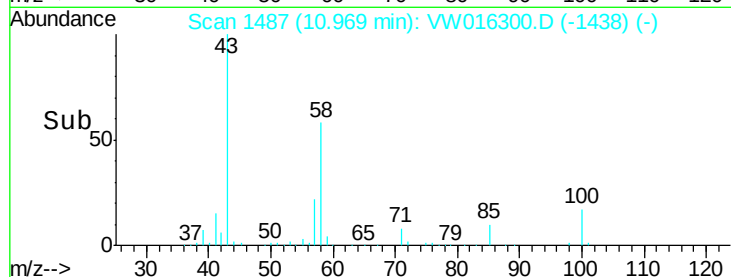
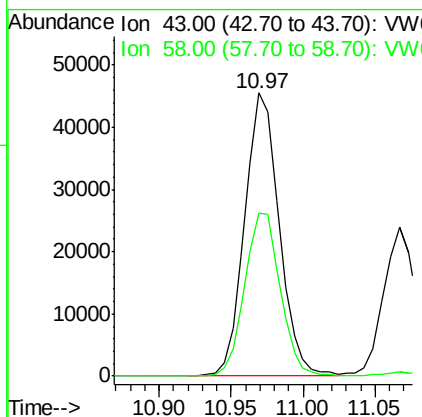
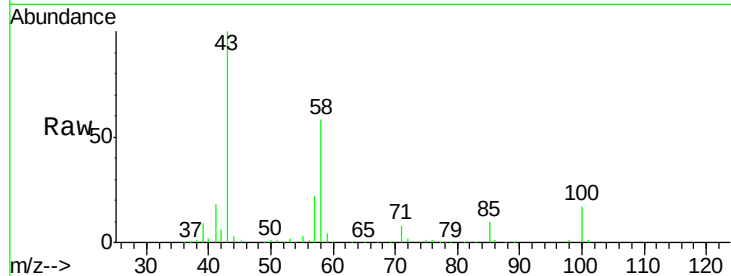
#59
2-Hexanone
Concen: 95.827 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion: 43 Resp: 75630
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.5

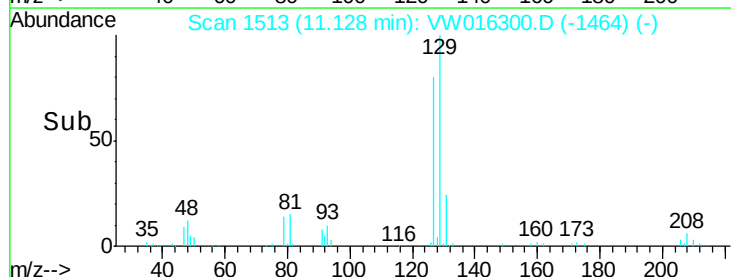
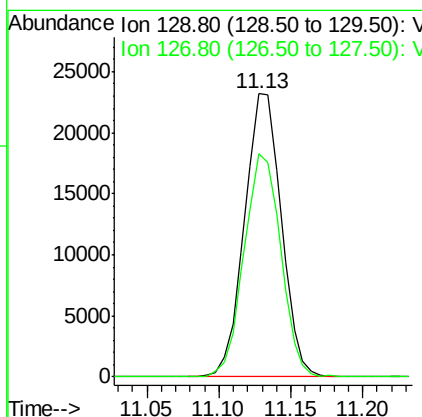
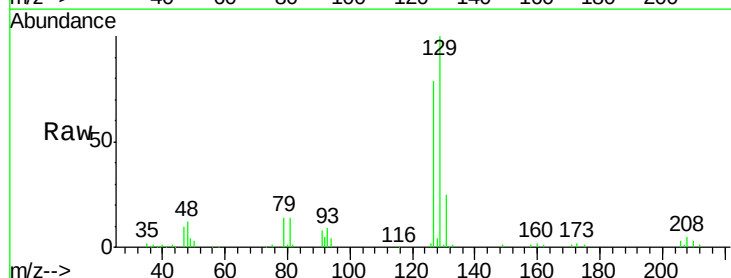
Manual Integrations
APPROVED

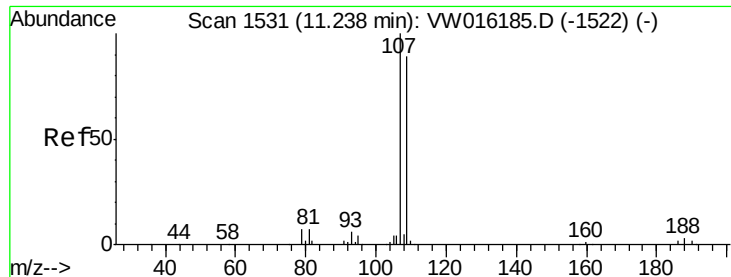
MMDadoda
8/24/2020 4:55:02 PM



#60
Dibromochloromethane
Concen: 19.499 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 129 Resp: 40977
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.316 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion:107 Resp: 32848

Ion Ratio Lower Upper

107 100

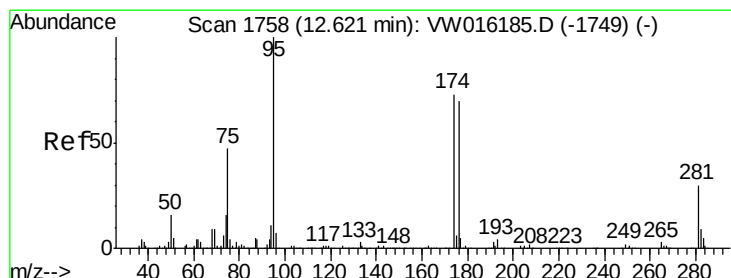
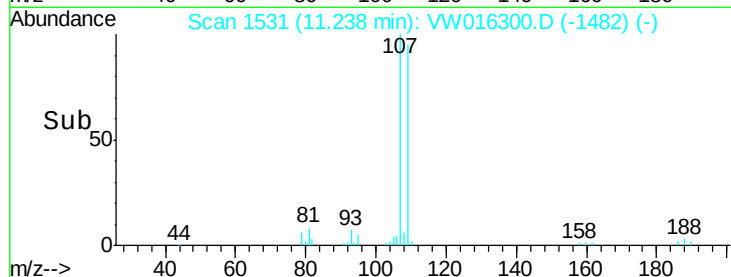
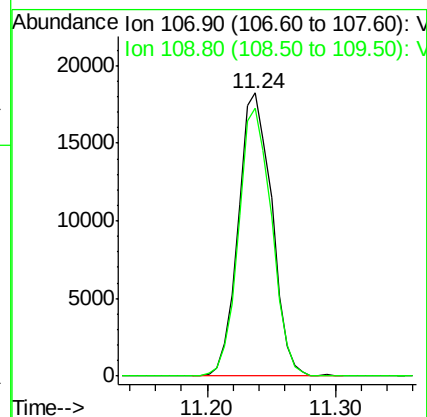
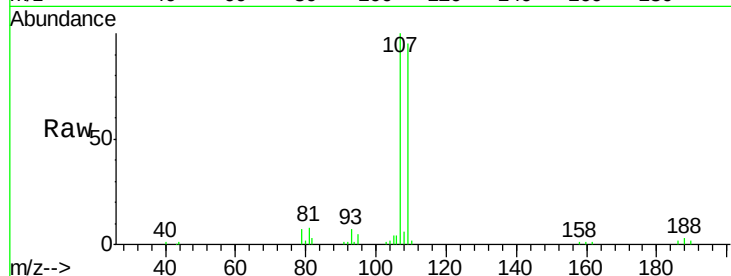
109 93.5 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

8/24/2020 4:55:02 PM



#62

4-Bromofluorobenzene

Concen: 53.951 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

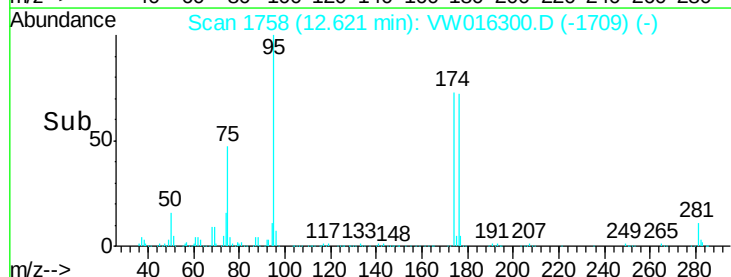
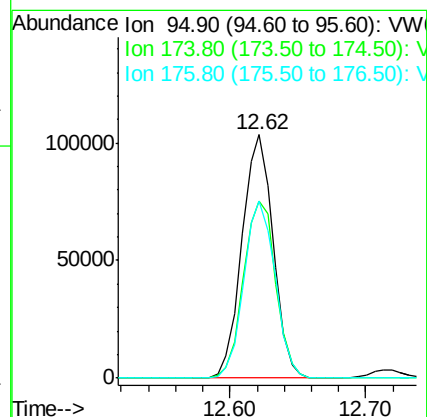
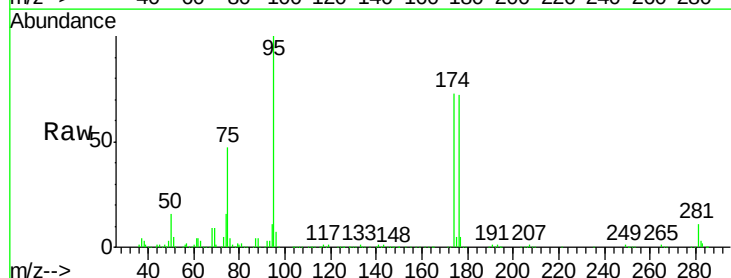
Tgt Ion: 95 Resp: 165335

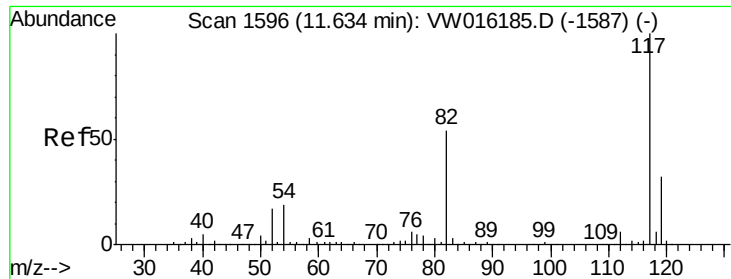
Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.6

176 73.3 0.0 137.8





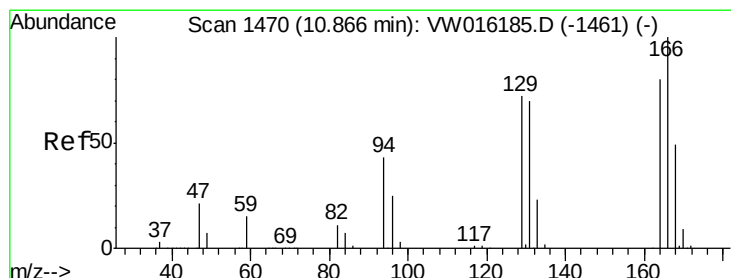
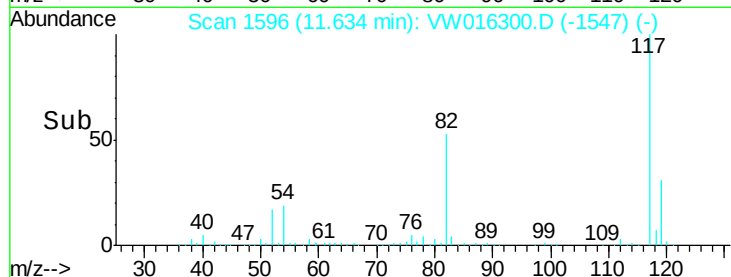
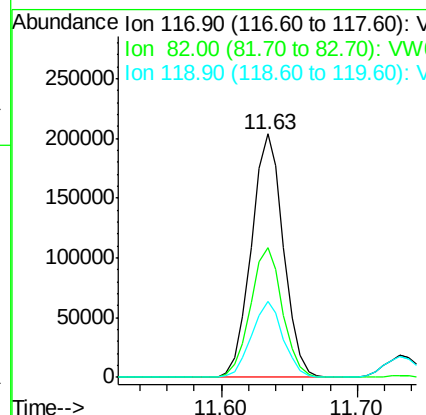
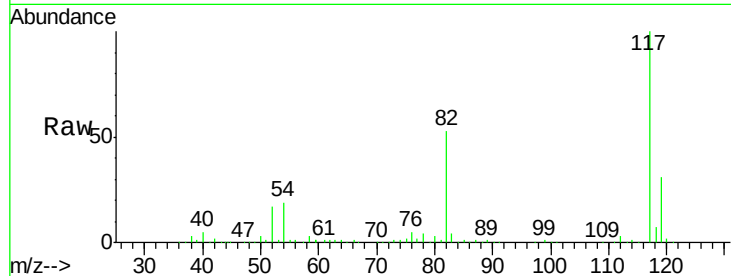
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.6	65.4
119	31.1	25.4	38.0

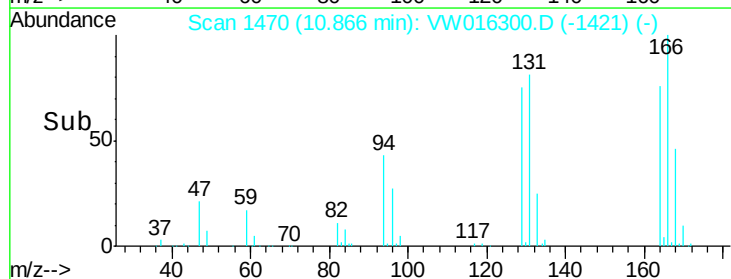
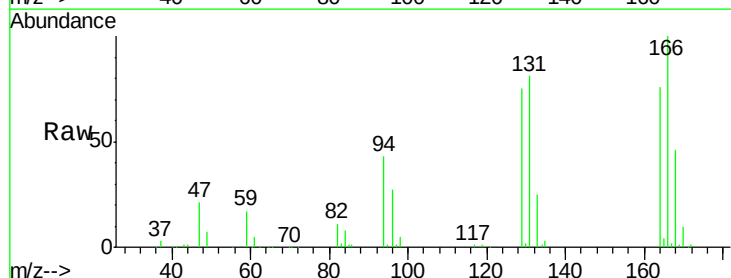
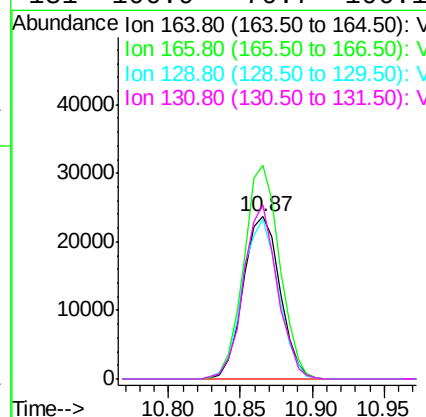
Manual Integrations
APPROVED

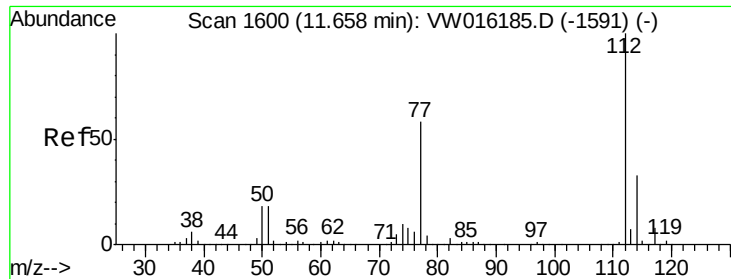
MMDadoda
8/24/2020 4:55:02 PM



#64
Tetrachloroethene
Concen: 19.009 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	100.3	150.5
129	98.1	72.2	108.4
131	106.9	70.7	106.1#





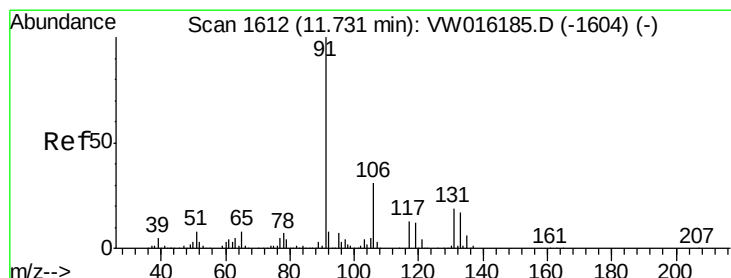
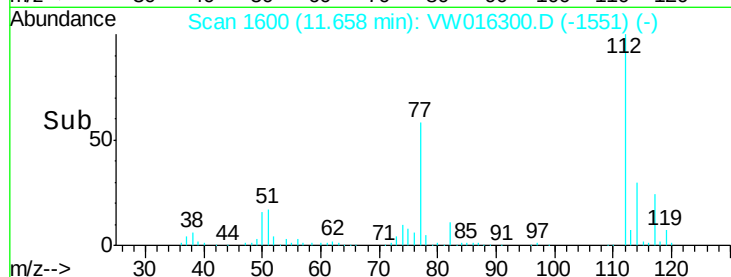
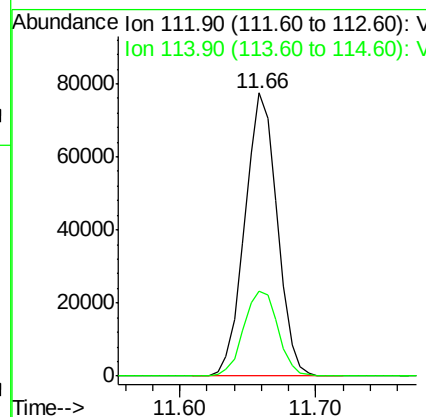
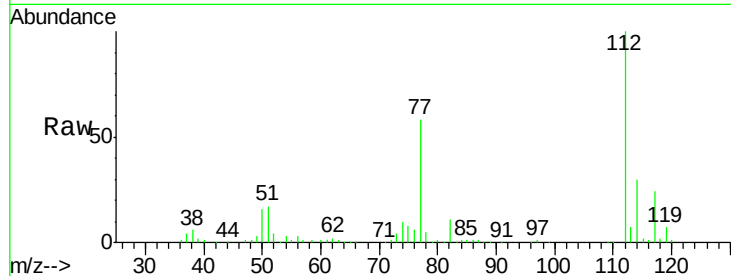
#65
Chlorobenzene
Concen: 18.700 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion:112 Resp: 128970
Ion Ratio Lower Upper
112 100
114 30.1 26.6 39.8

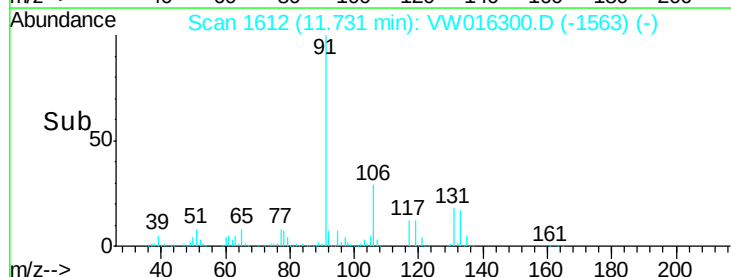
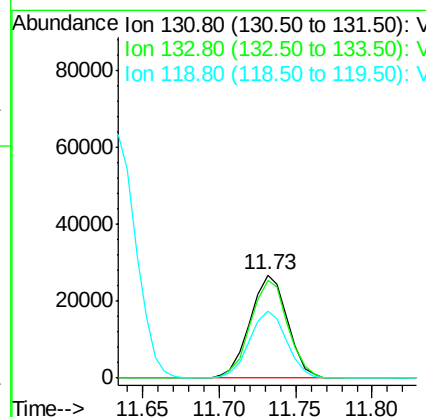
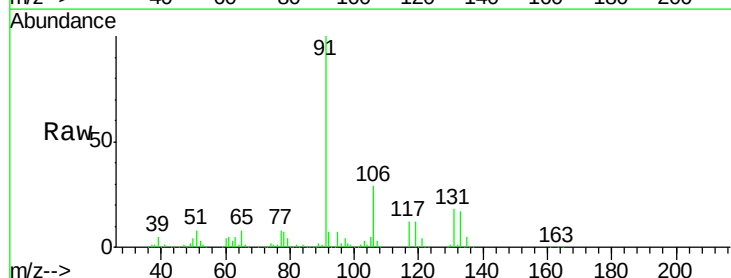
Manual Integrations
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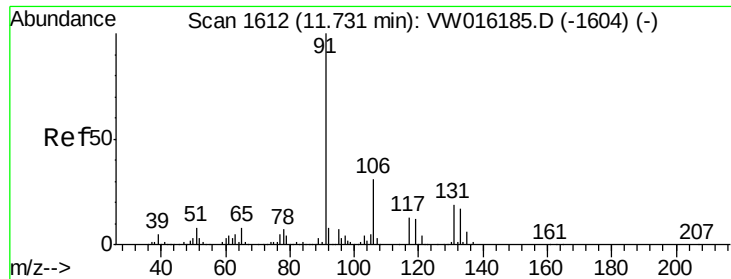
MMDadoda
8/24/2020 4:55:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.937 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:131 Resp: 45652
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 64.7 33.1 99.3





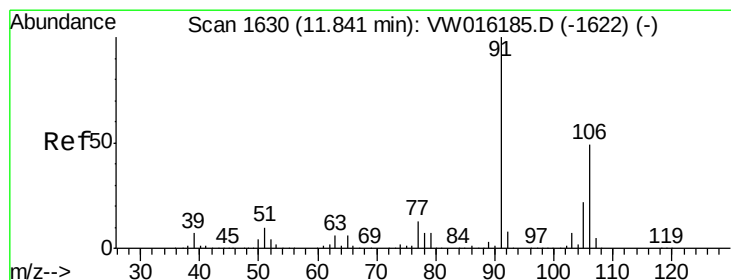
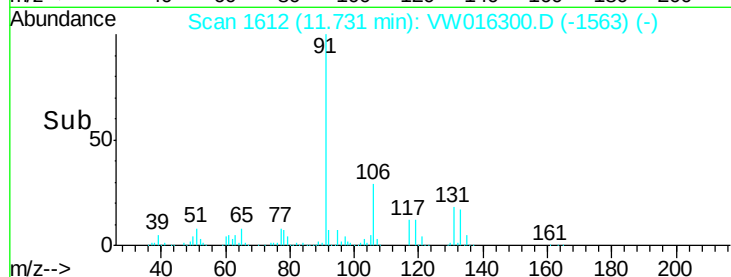
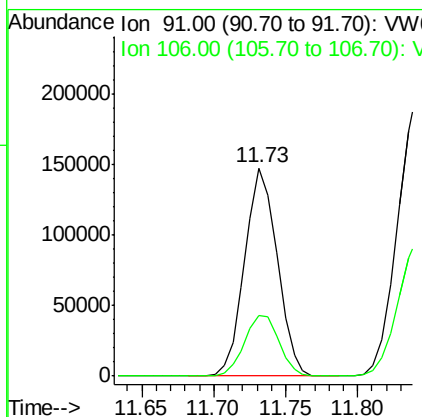
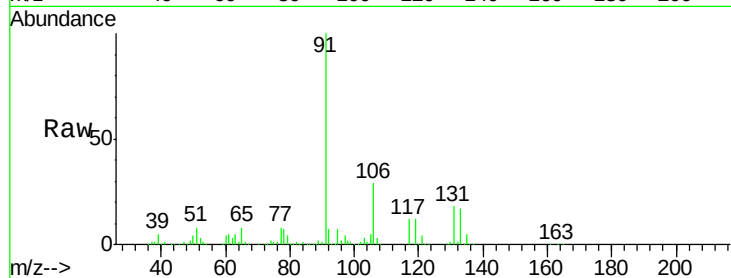
#67
Ethyl Benzene
Concen: 18.725 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.9	37.3

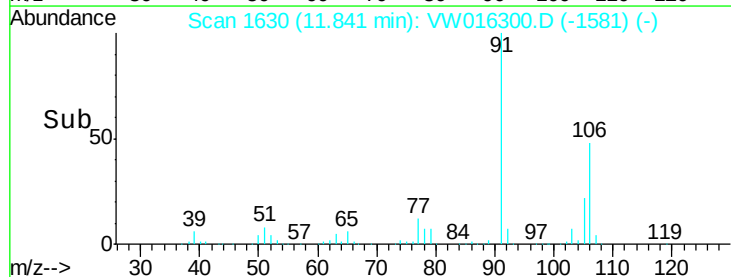
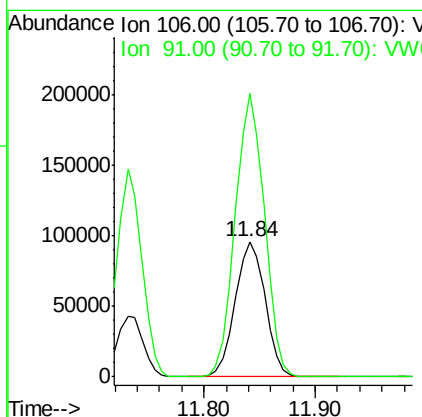
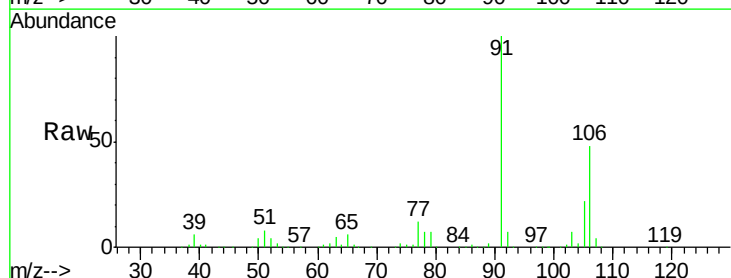
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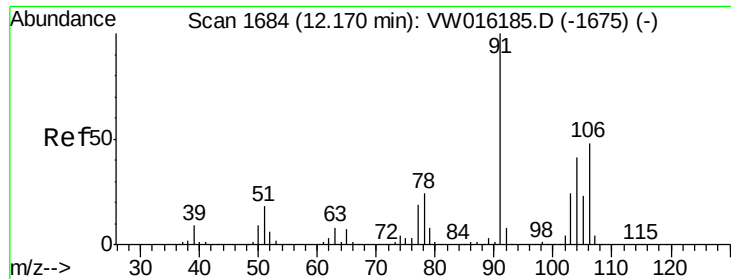
MMDadoda
8/24/2020 4:55:02 PM



#68
m/p-Xylenes
Concen: 37.486 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.5	161.4	242.2





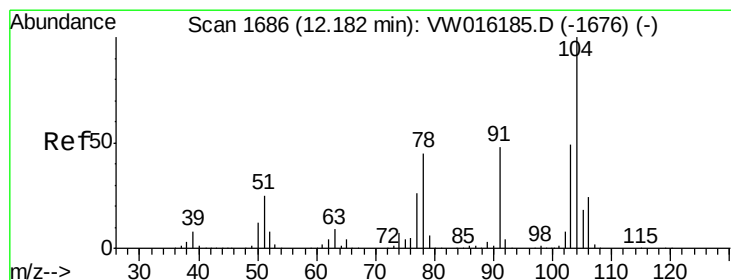
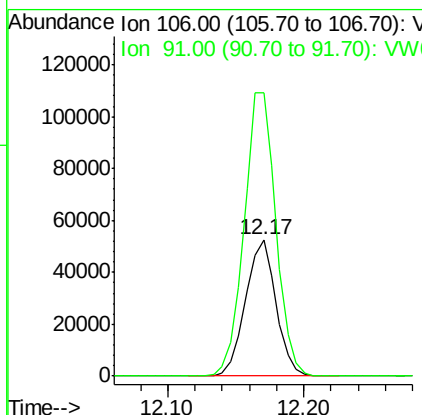
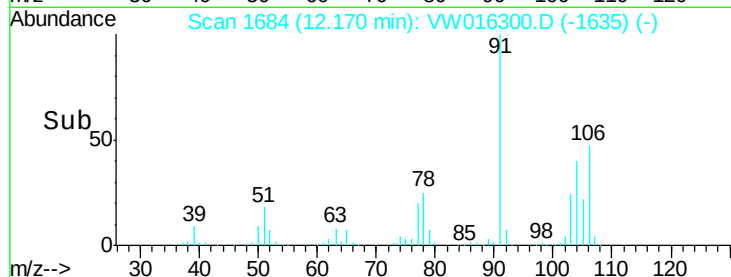
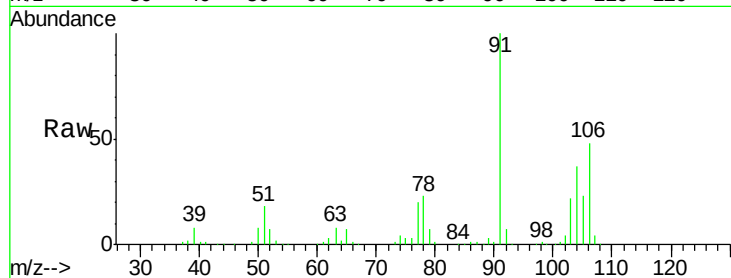
#69
o-Xylene
Concen: 19.450 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion:106 Resp: 82557
Ion Ratio Lower Upper
106 100
91 216.1 106.0 317.9

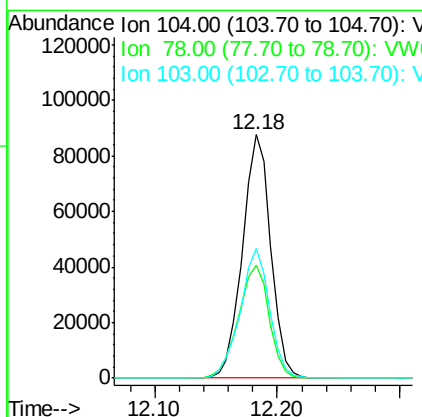
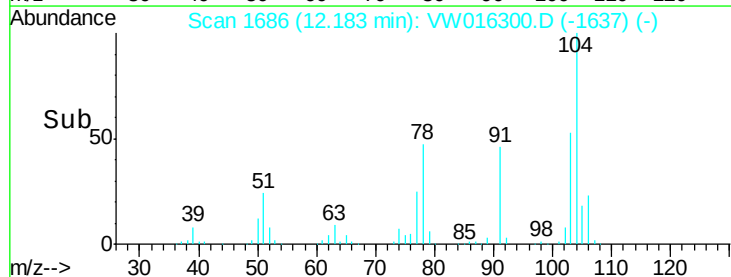
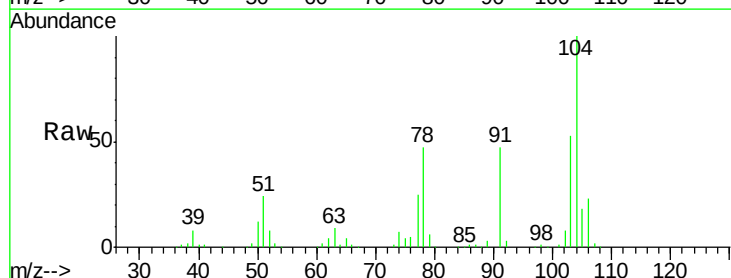
Manual Integrations
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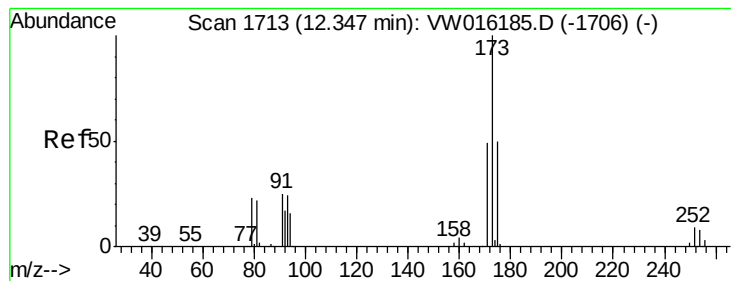
MMDadoda
8/24/2020 4:55:02 PM



#70
Styrene
Concen: 19.144 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:104 Resp: 140607
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.2 42.9 64.3





#71

Bromoform

Concen: 19.882 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion:173 Resp: 21451

Ion Ratio Lower Upper

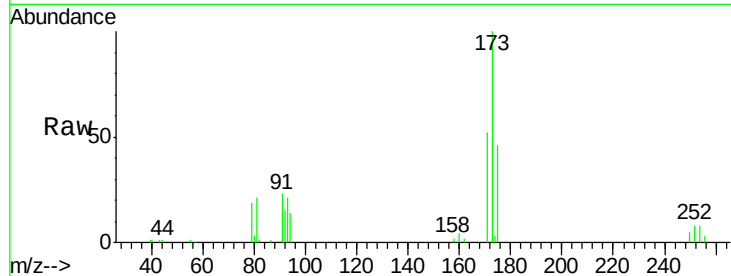
173 100

175 46.9 24.7 74.1

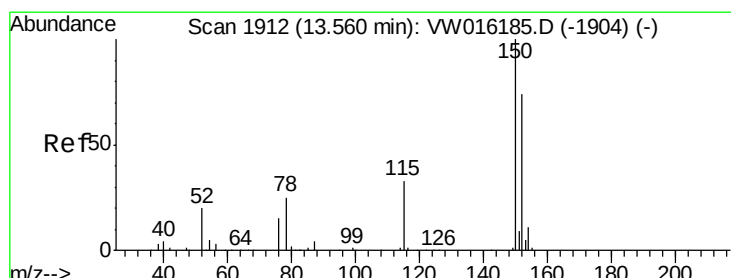
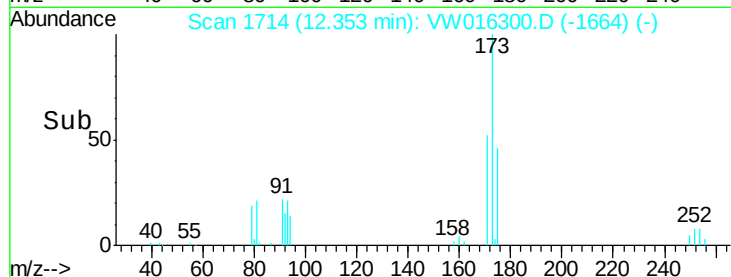
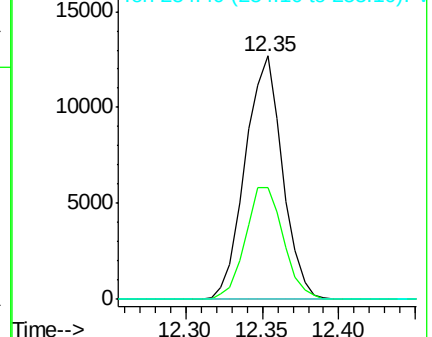
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

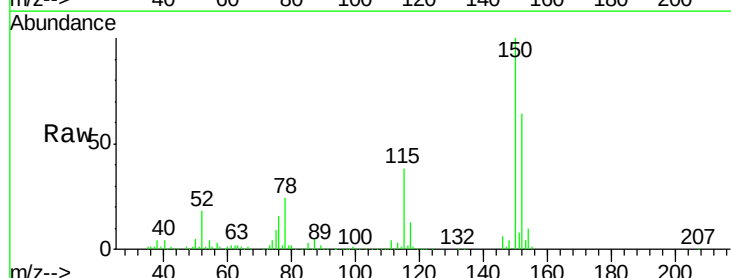
Tgt Ion:152 Resp: 161133

Ion Ratio Lower Upper

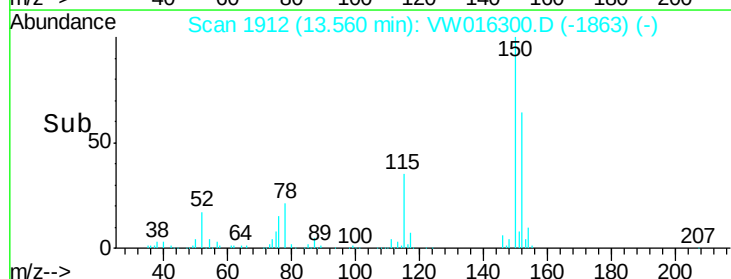
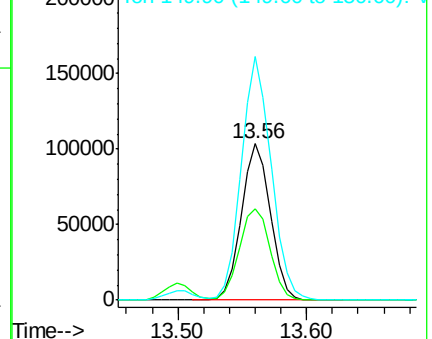
152 100

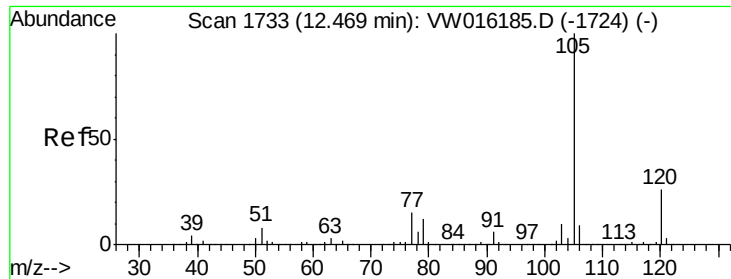
115 62.0 30.9 92.5

150 160.7 0.0 337.8



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





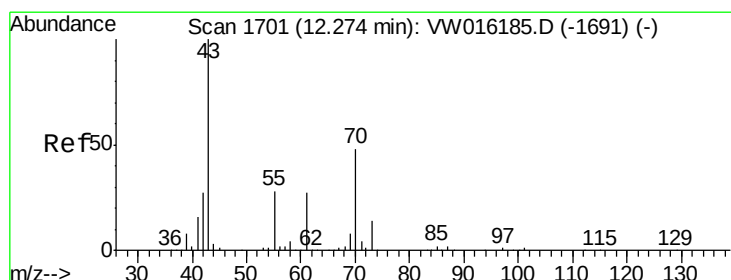
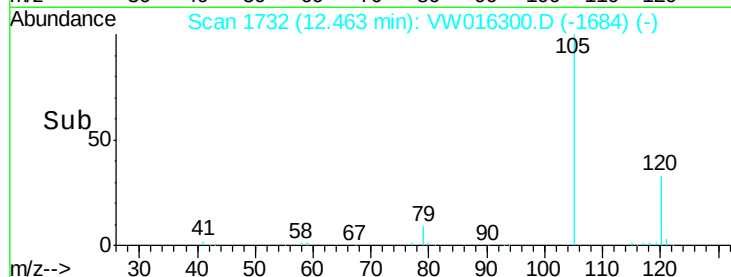
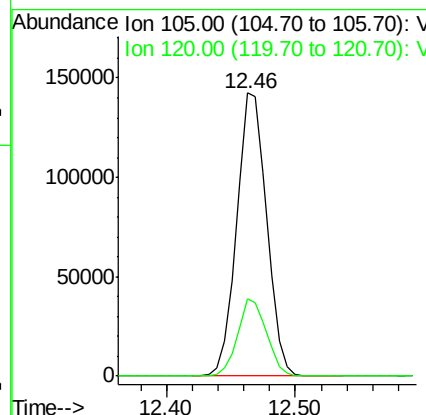
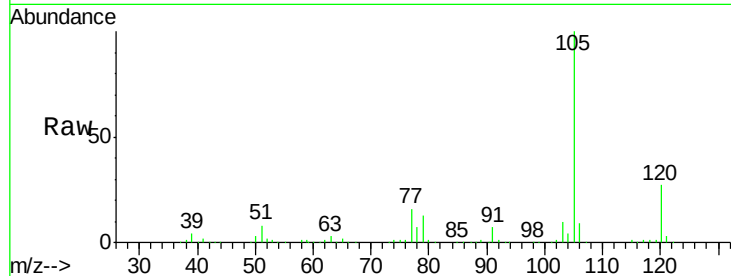
#73
Isopropylbenzene
Concen: 18.723 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

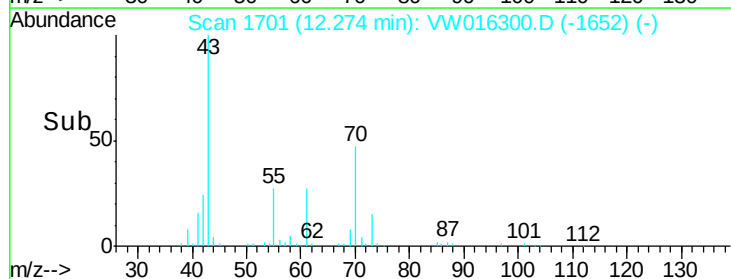
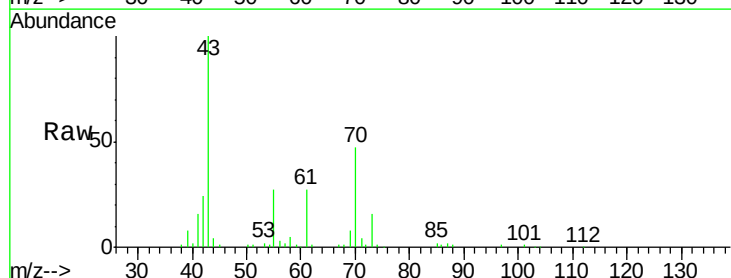
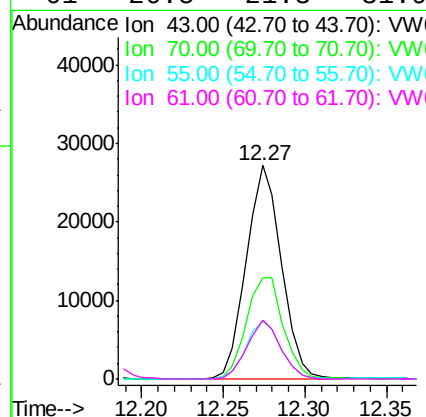
Manual Integrations
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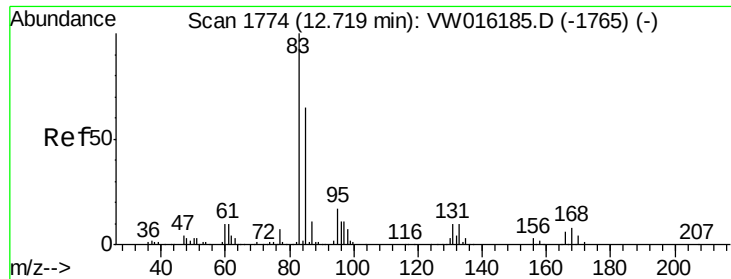
MMDadoda
8/24/2020 4:55:02 PM



#74
N-ethyl acetate
Concen: 18.603 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.1	38.6	58.0
55	27.1	22.2	33.2
61	26.5	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.373 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

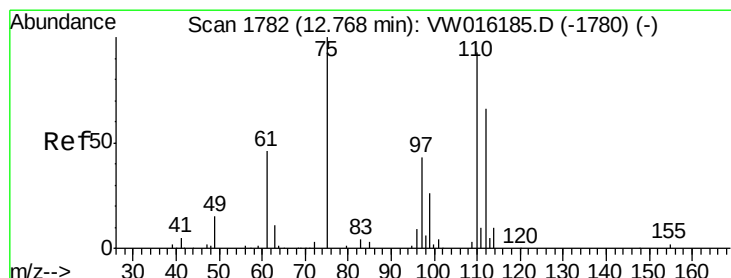
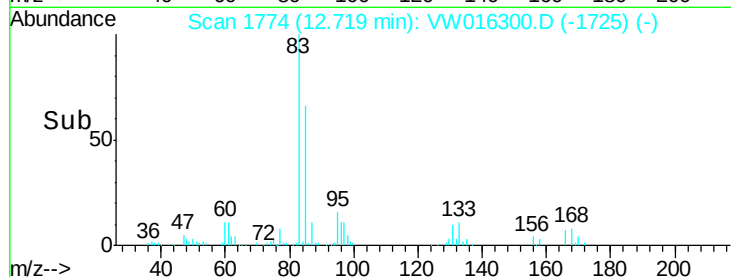
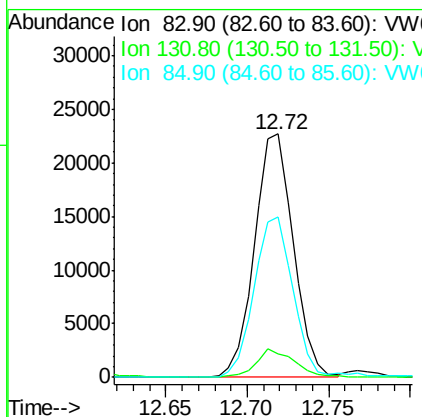
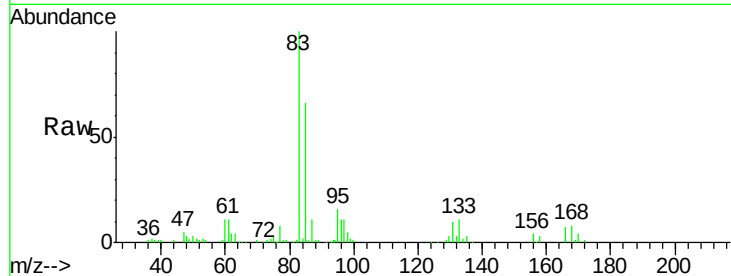
ClientSampleId :

VW0822SBS01

Tot Ion:	83	Resp:	37749
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.6	16.8
85	66.6	31.3	93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.078 ug/l m

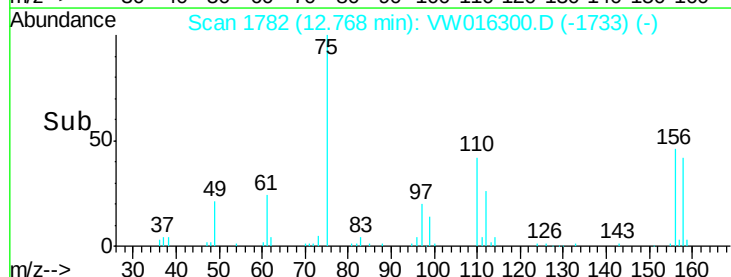
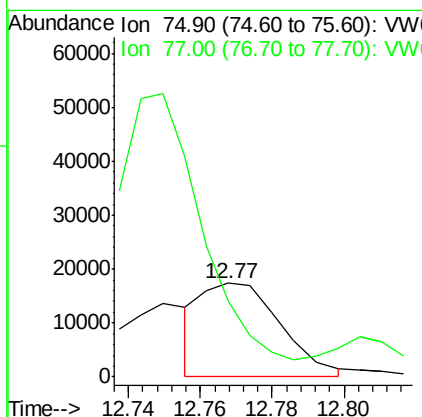
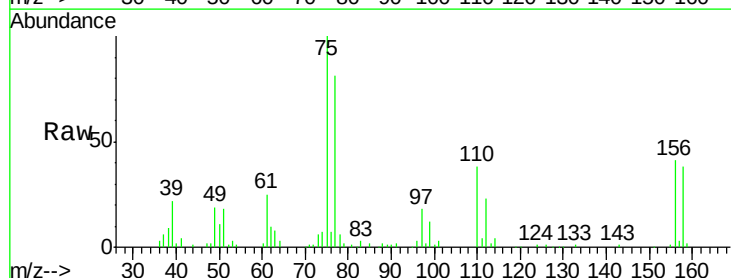
RT: 12.77 min Scan# 1782

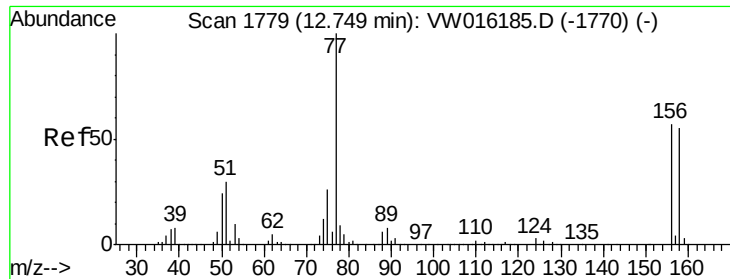
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	75	Resp:	26790
Ion	Ratio	Lower	Upper
75	100		
77	357.1	173.6	520.6





#77

Bromobenzene

Concen: 18.900 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampled :

VW0822SBSD01

Tot Ion:156 Resp: 51329

Ion Ratio Lower Upper

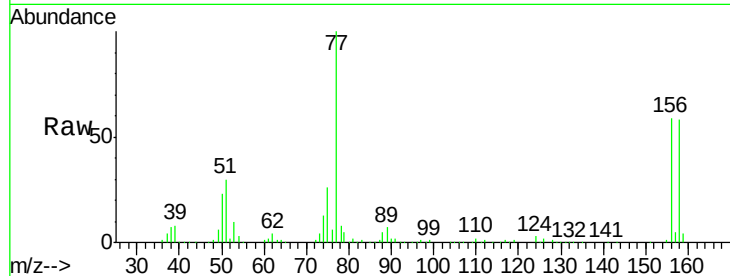
156 100

77 186.4 97.9 293.6

158 97.5 49.0 147.2

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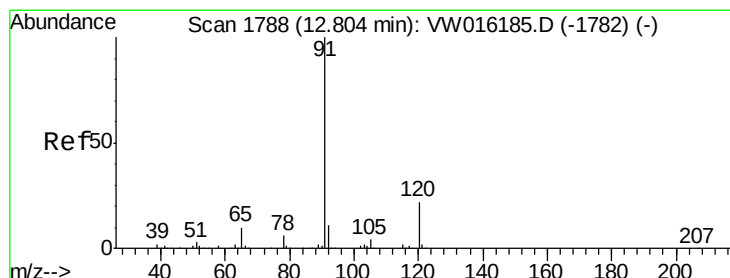
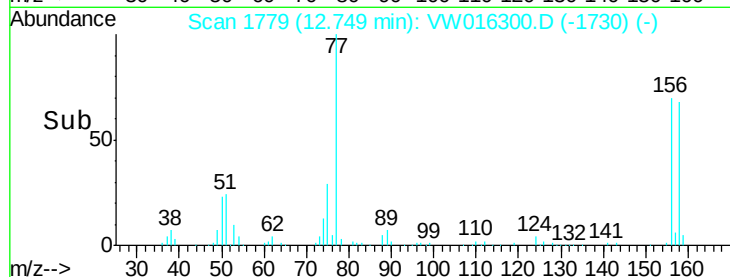
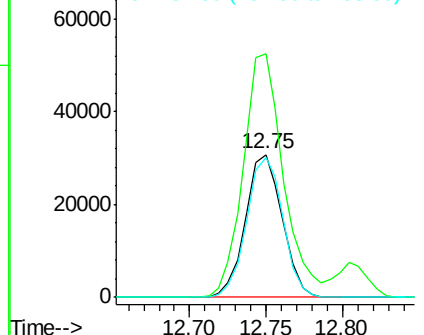
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.660 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016300.D

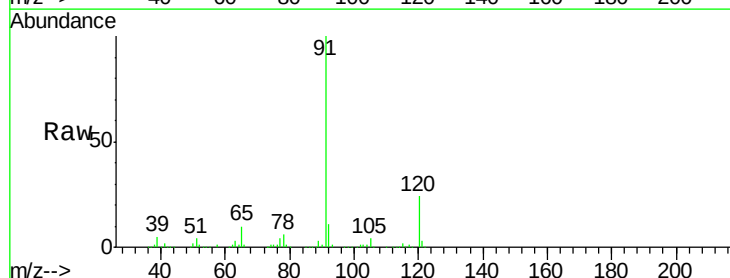
Acq: 21 Aug 2020 12:49

Tgt Ion: 91 Resp: 273489

Ion Ratio Lower Upper

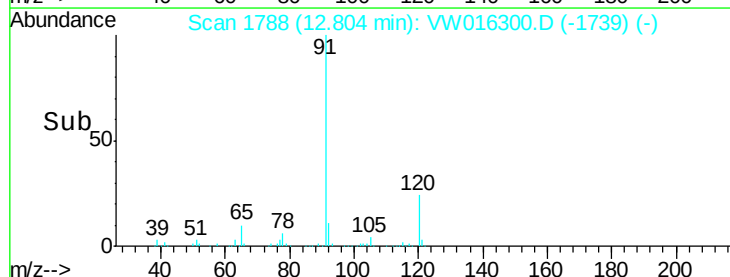
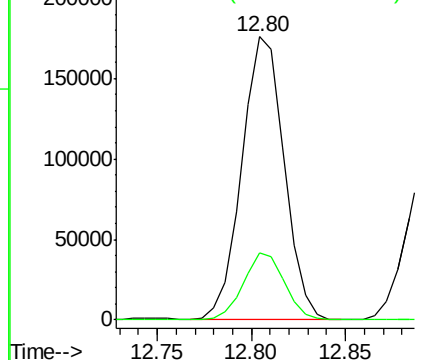
91 100

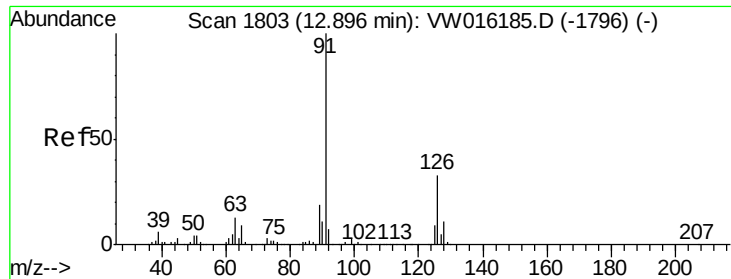
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.773 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

Tot Ion: 91 Resp: 158936

Ion Ratio Lower Upper

91 100

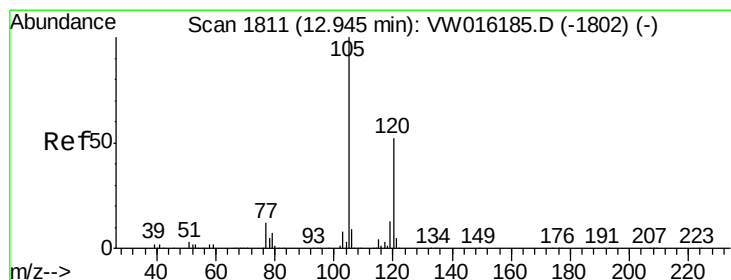
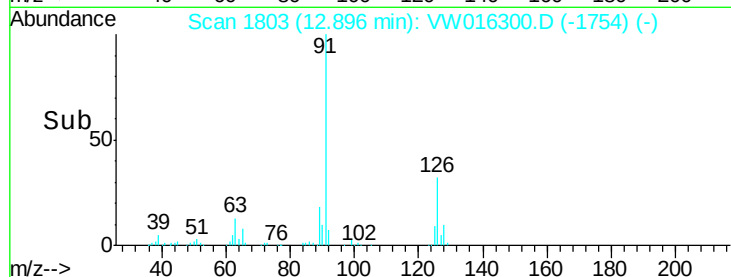
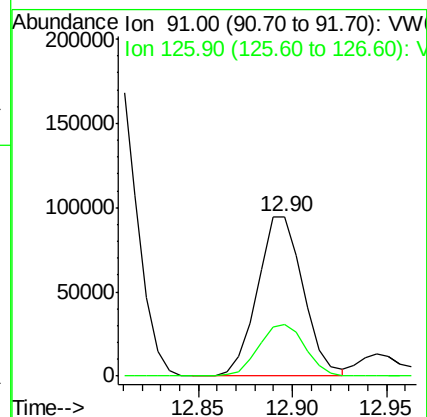
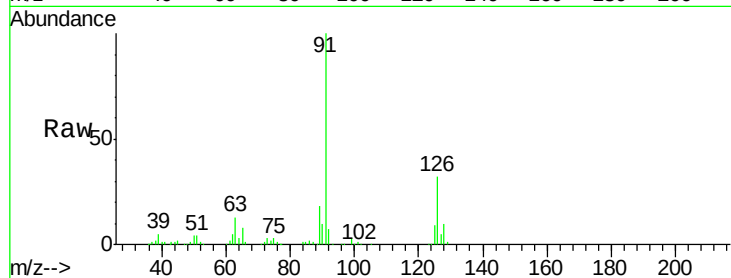
126 33.1 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.527 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016300.D

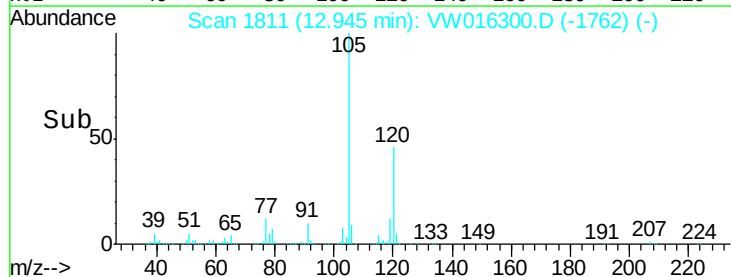
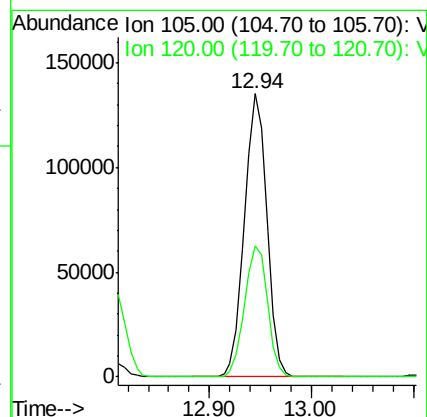
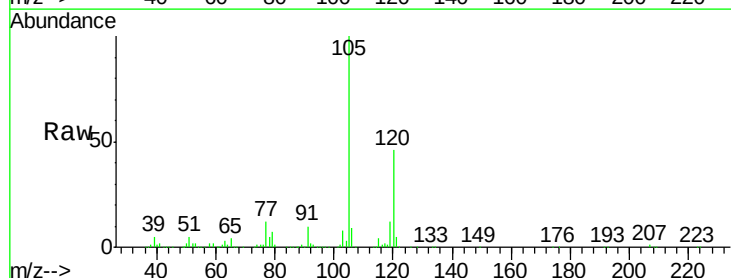
Acq: 21 Aug 2020 12:49

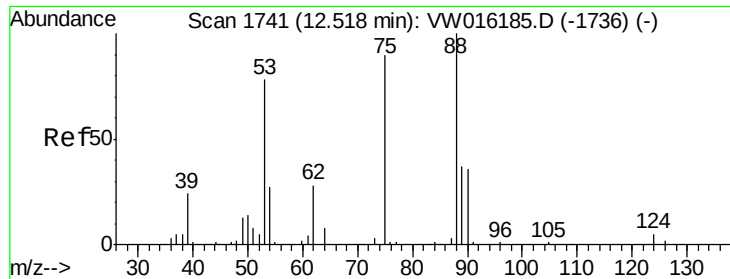
Tgt Ion:105 Resp: 205819

Ion Ratio Lower Upper

105 100

120 47.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.551 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

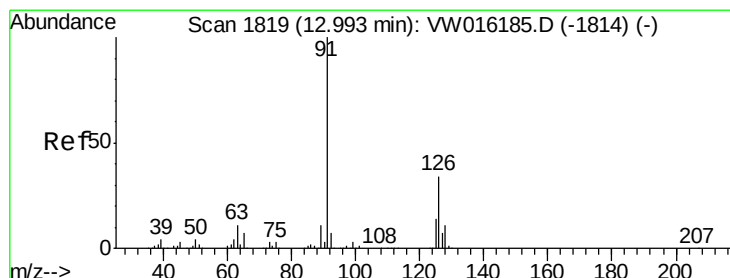
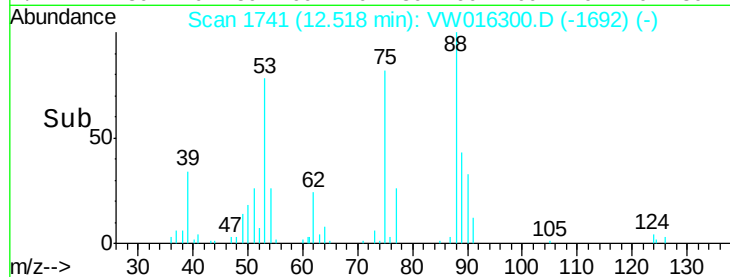
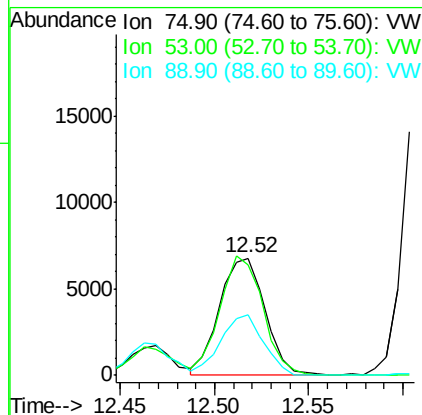
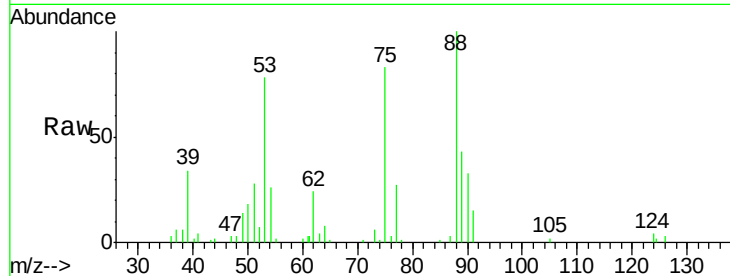
ClientSampleId :

VW0822SBS01

Tot Ion:	75	Resp:	11461
Ion	Ratio	Lower	Upper
75	100		
53	95.6	74.6	111.8
89	48.0	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.621 ug/l

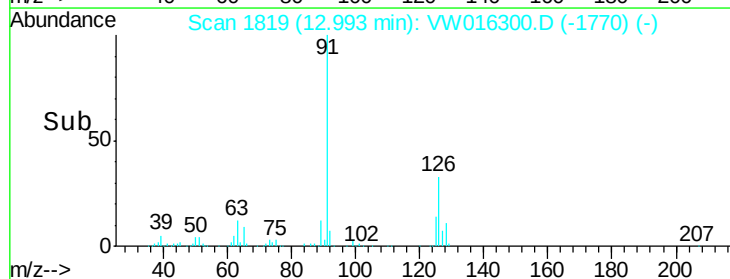
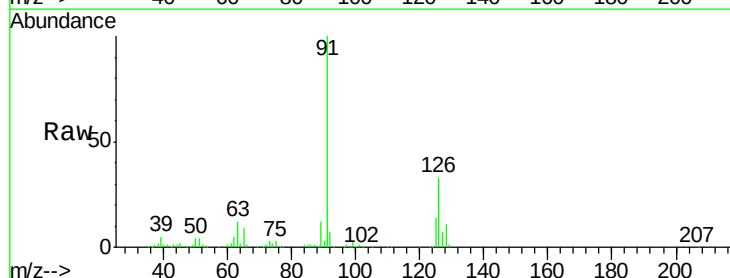
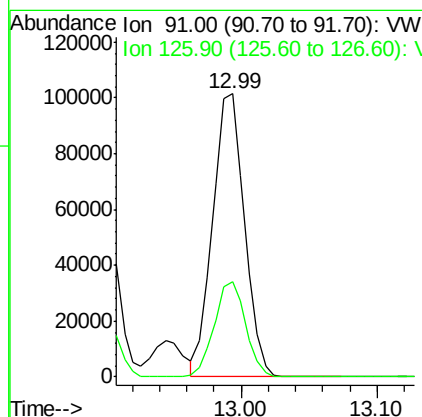
RT: 12.99 min Scan# 1819

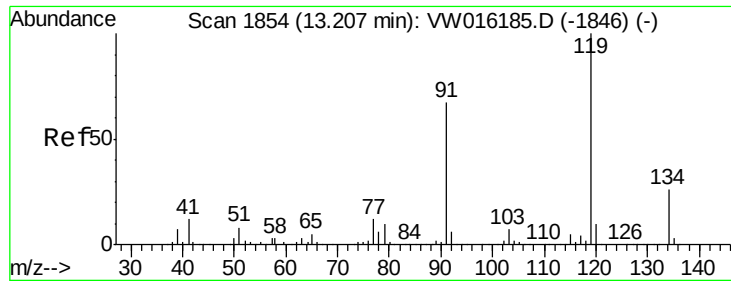
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion:	91	Resp:	164128
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.8





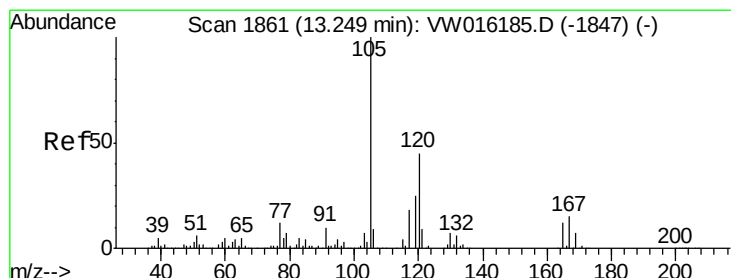
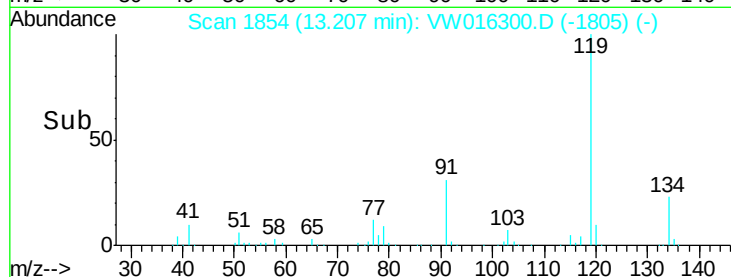
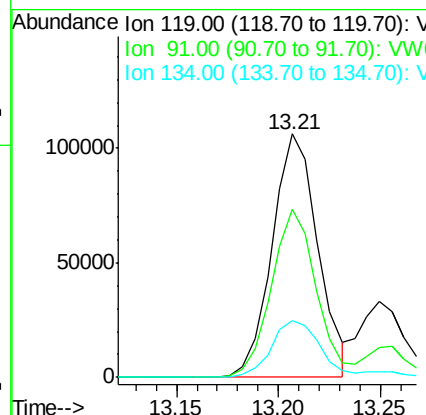
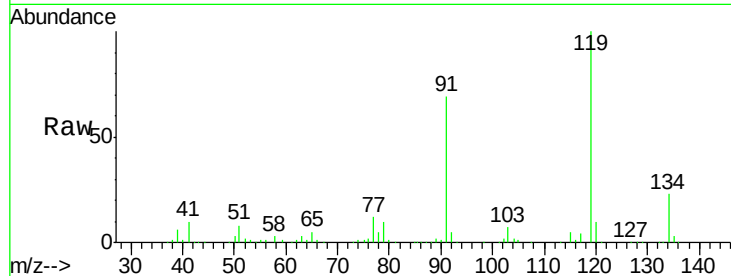
#83
 tert-Butylbenzene
 Concen: 19.206 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165914		
91	68.5	33.3	99.9	
134	24.5	13.5	40.5	

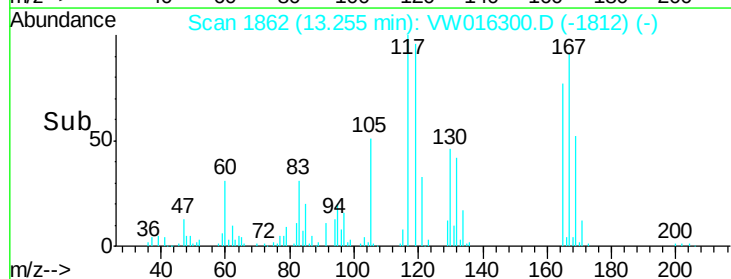
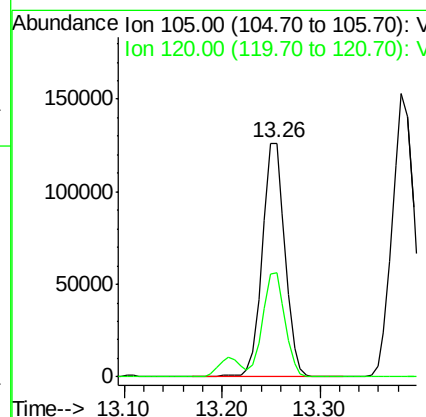
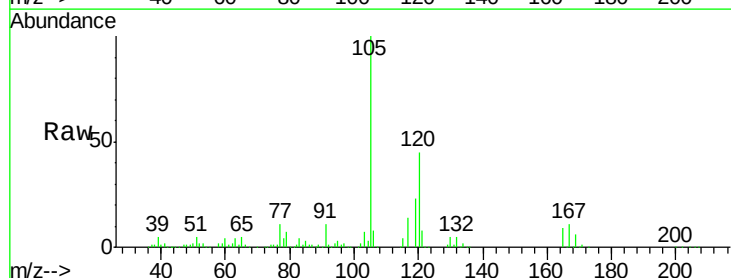
Manual Integrations
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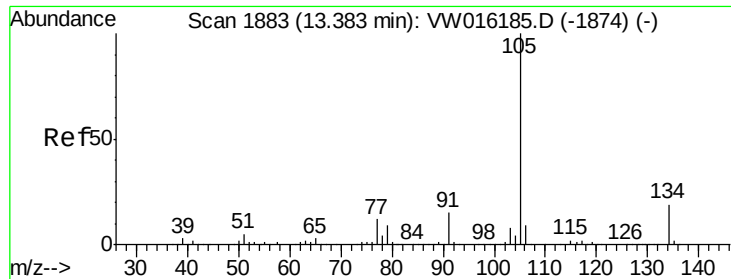
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.420 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202559		
120	44.0	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.001 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampled :

VW0822SBSD01

Tot Ion:105 Resp: 238567

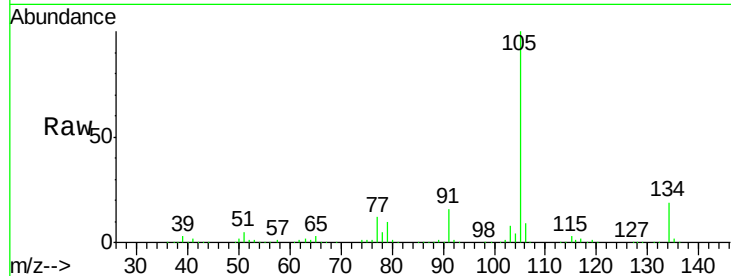
Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4

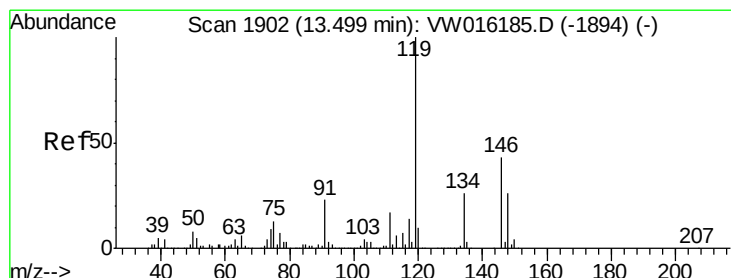
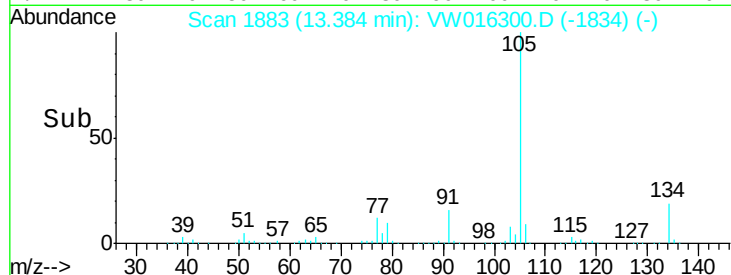
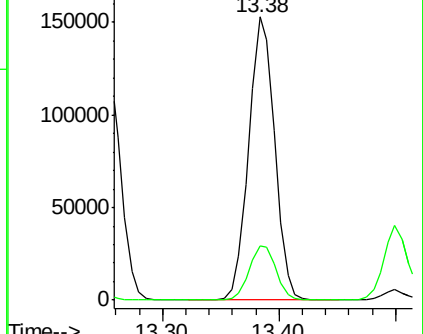
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.444 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

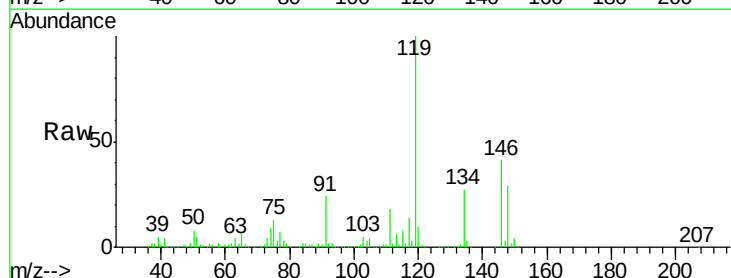
Tgt Ion:119 Resp: 220804

Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.4

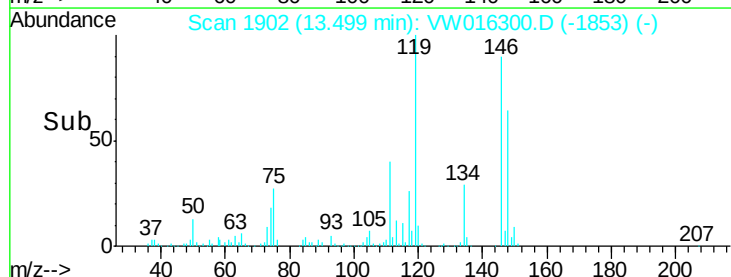
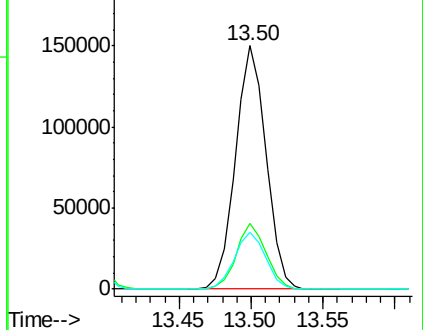
91 23.6 11.8 35.3

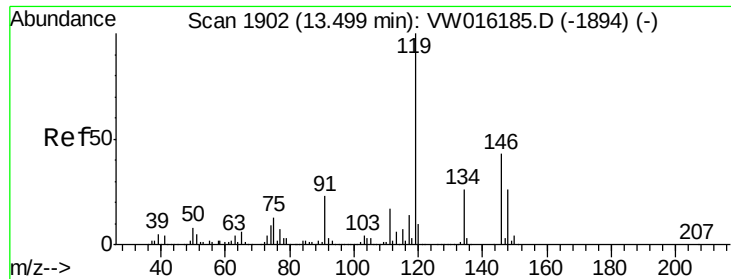


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





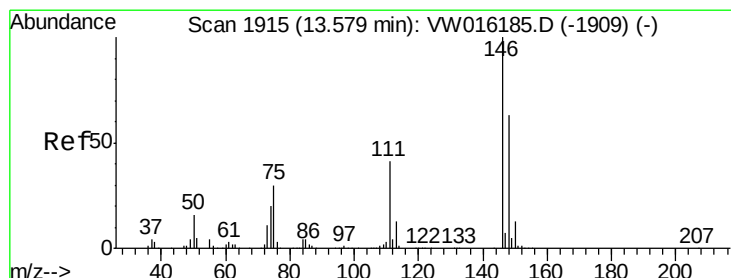
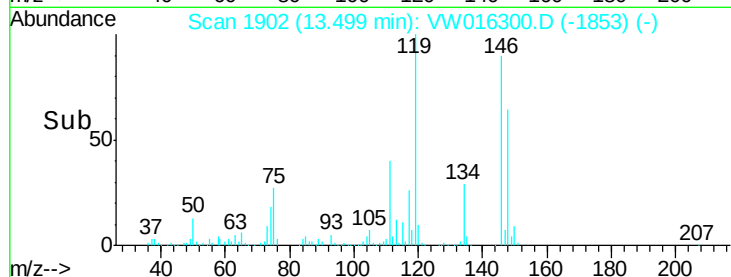
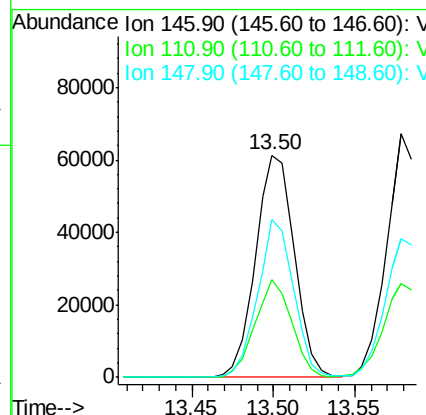
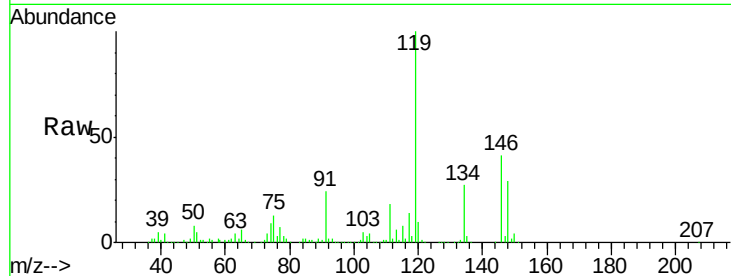
#87
 1,3-Dichlorobenzene
 Concen: 18.656 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	101472		
111	41.6	20.8	62.5	
148	65.7	31.1	93.5	

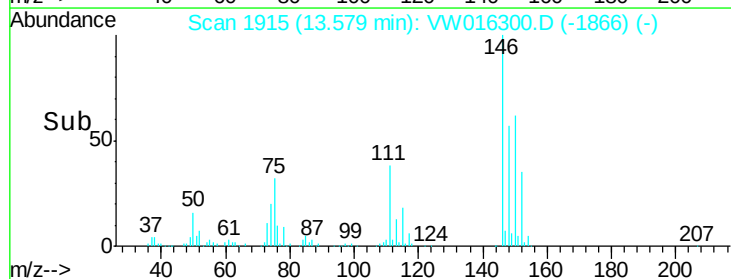
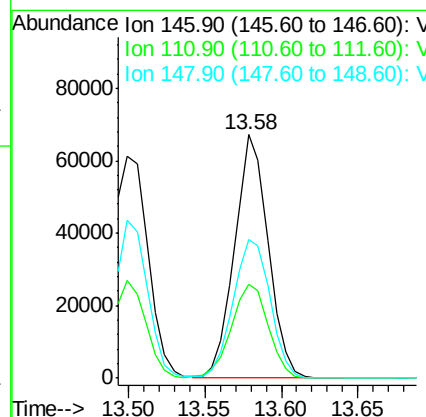
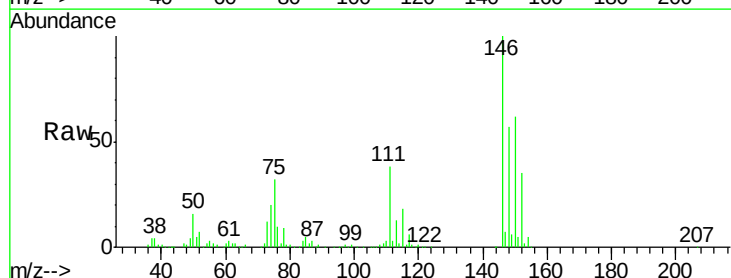
Manual Integrations
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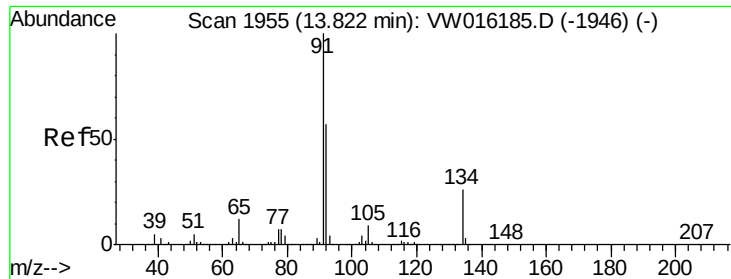
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 8/24/2020 4:55:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.108 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	102339		
111	42.5	20.8	62.2	
148	62.9	32.1	96.3	





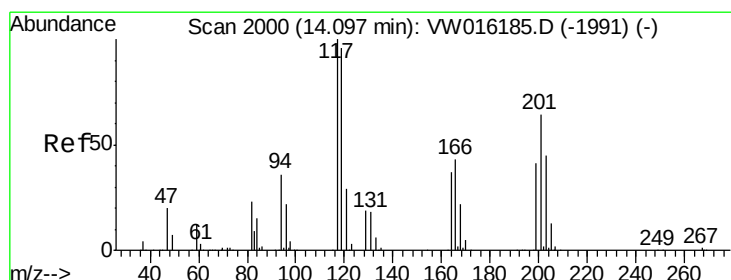
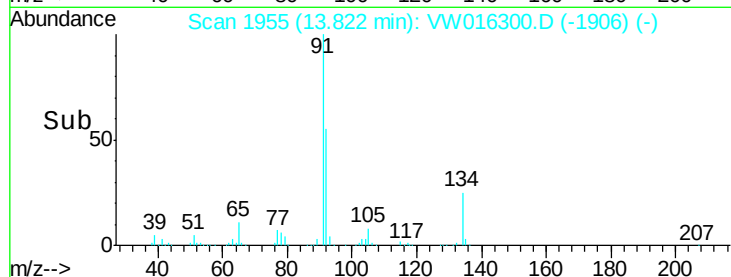
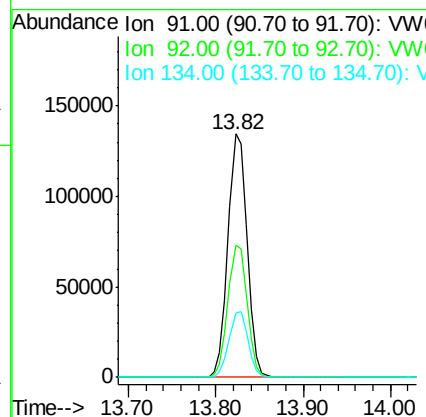
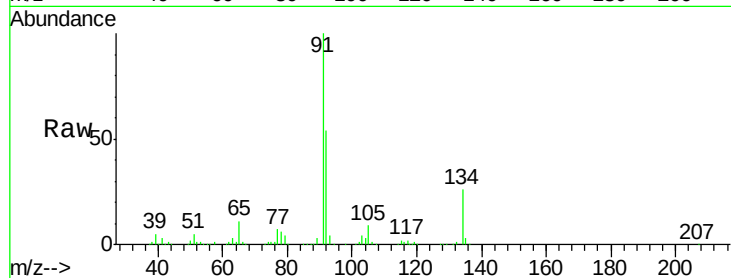
#89
n-Butylbenzene
Concen: 19.404 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	203855		
92	54.7		27.4	82.2
134	26.8		13.0	39.0

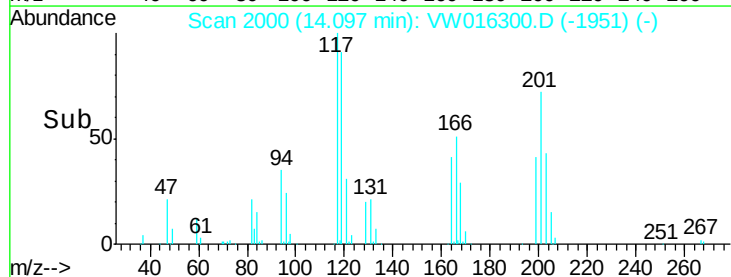
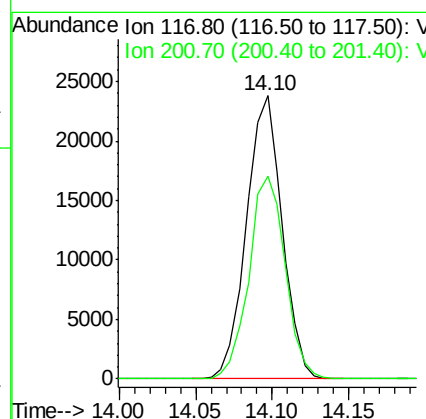
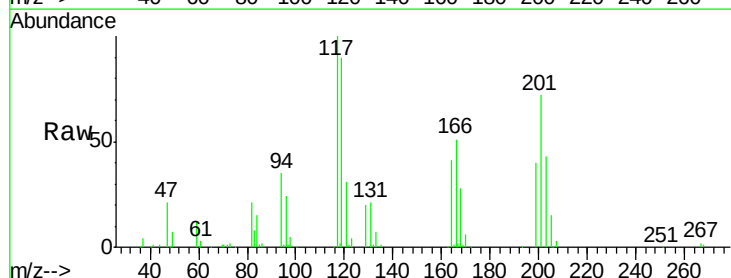
Manual Integrations
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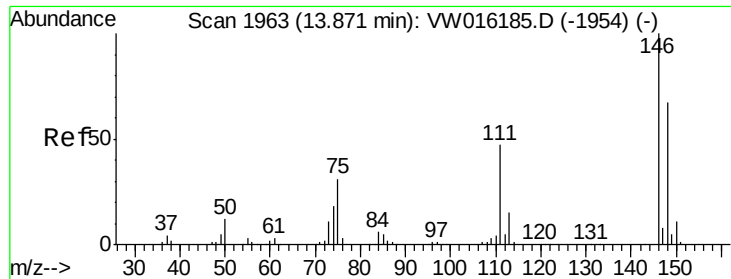
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#90
Hexachloroethane
Concen: 18.171 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38509		
201	72.7		33.8	101.3





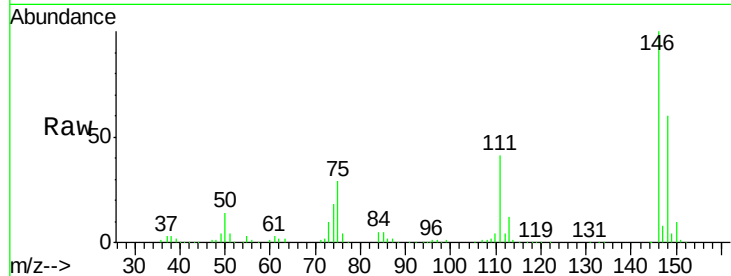
#91
 1,2-Dichlorobenzene
 Concen: 19.205 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

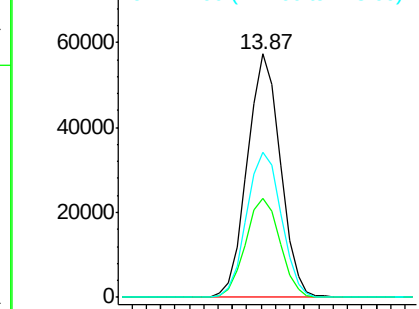
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.9	65.8
148	62.4	32.1	96.3

Manual Integrations
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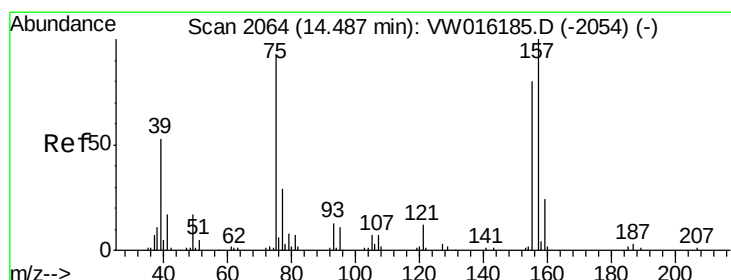
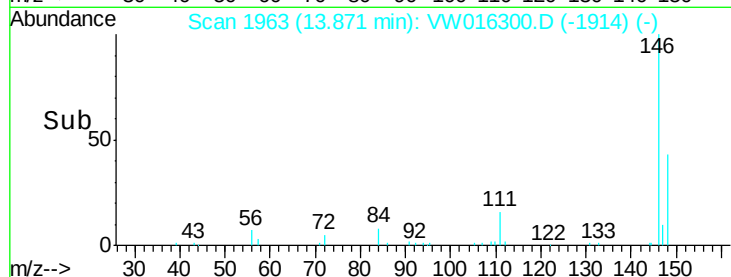
MMDadoda
 8/24/2020 4:55:02 PM



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

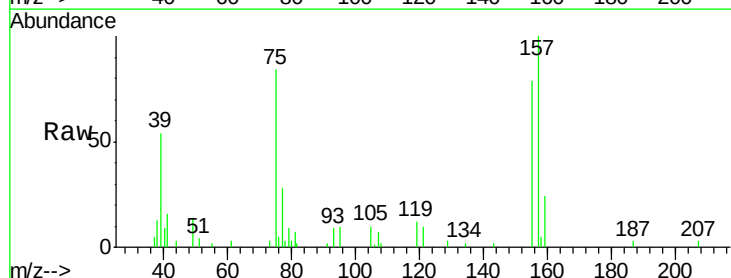


Time-->

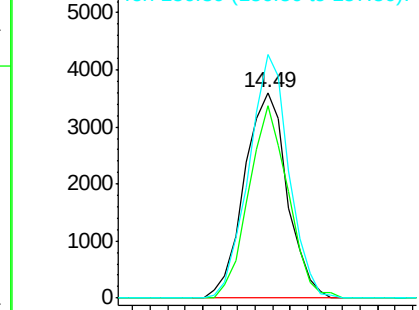


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.412 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

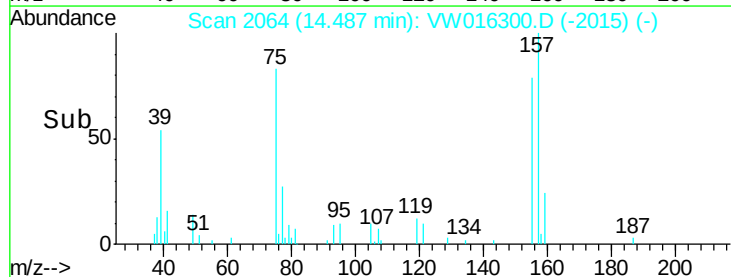
Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	41.3	124.1
157	110.7	53.0	159.0

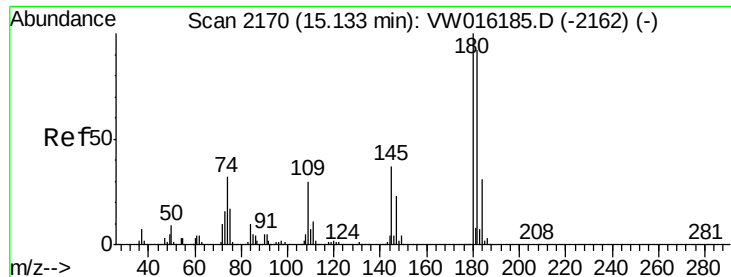


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time-->





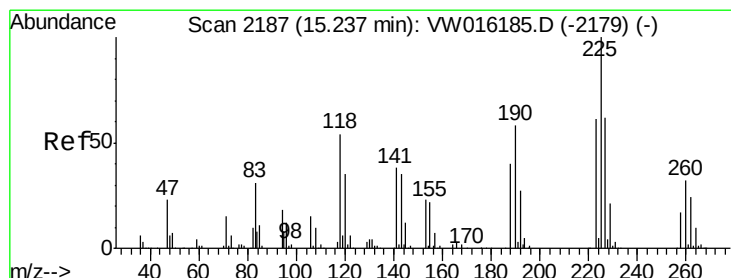
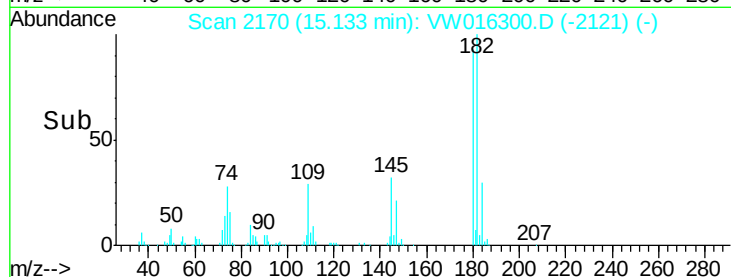
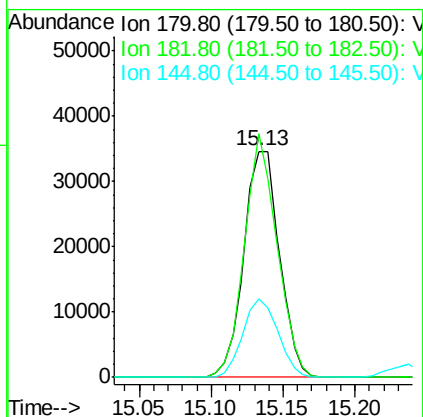
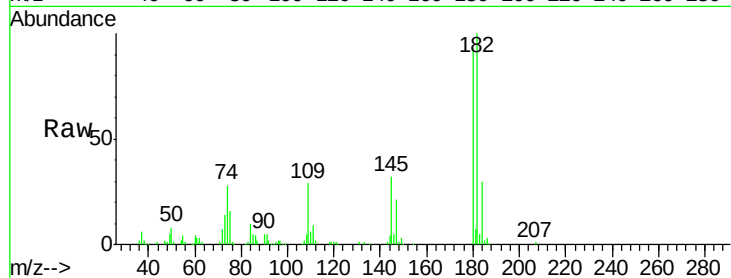
#93
 1,2,4-Trichlorobenzene
 Concen: 21.004 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.6	46.0	138.0	
145	34.1	16.9	50.7	

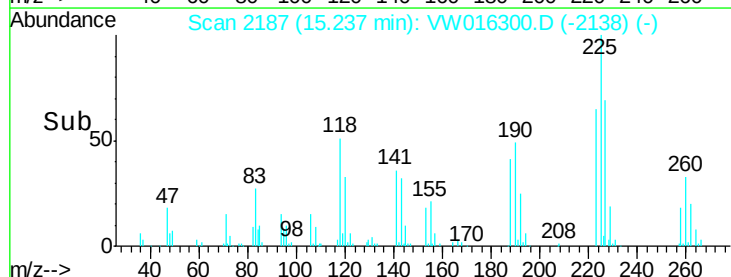
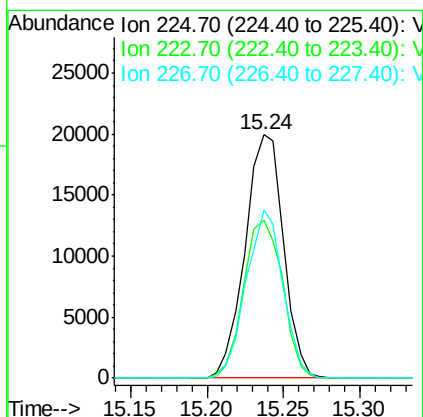
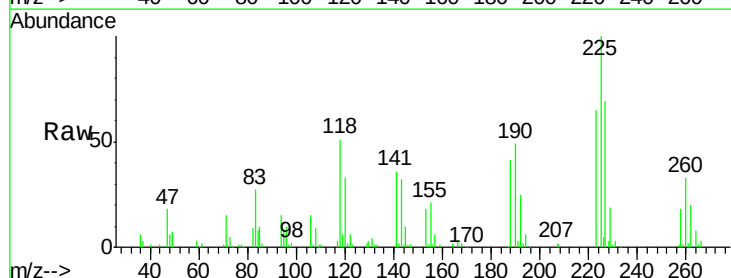
Manual Integrations
 APPROVED

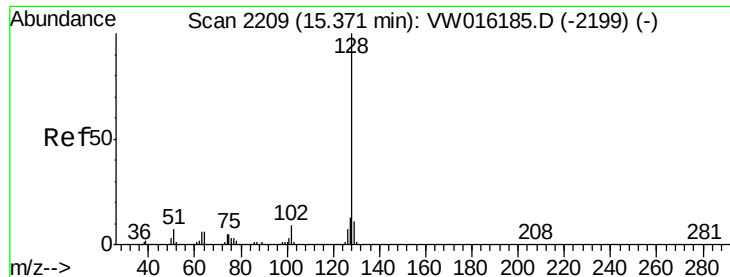
MMDadoda
 8/24/2020 4:55:02 PM



#94
 Hexachlorobutadiene
 Concen: 20.729 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.9	33.0	99.0	
227	66.0	32.0	96.2	





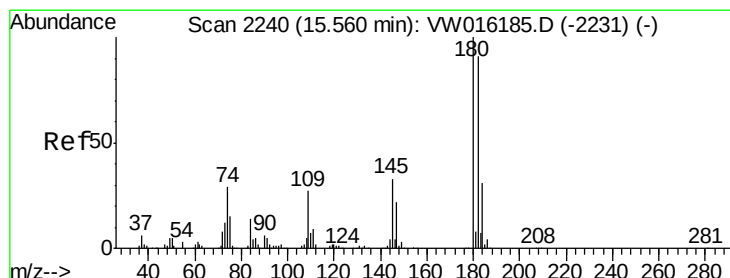
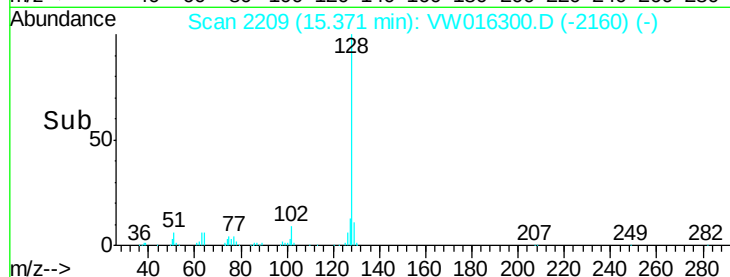
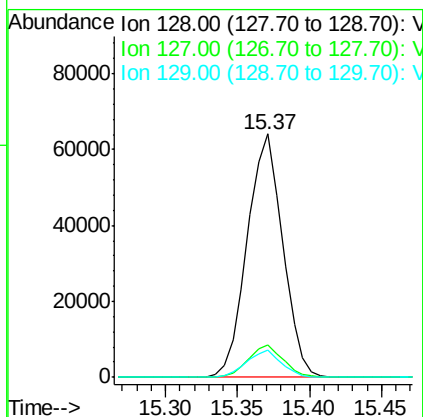
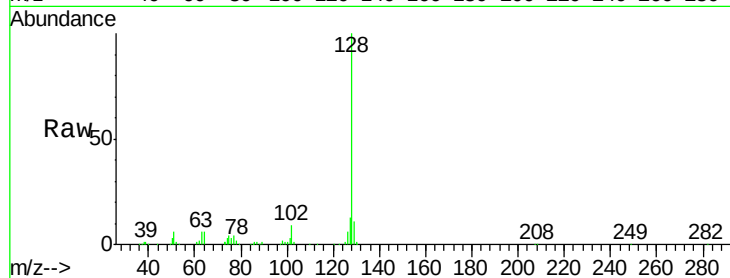
#95
Naphthalene
Concen: 20.719 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	109463		
127	12.9		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:55:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.349 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51845		
182	94.0		47.7	143.1
145	34.8		17.4	52.3

