

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013497.D
 Acq On : 09 Oct 2019 12:17
 Operator : SY/VA
 Sample : VW1009SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Manual Integrations
 APPROVED

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 10/11/2019 4:40:34 PM

Quant Time: Oct 10 03:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120857	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	120979	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.32	98	516122	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	172776	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	17811	17.334	ug/l	99
3) Chloromethane	2.21	50	38996	21.591	ug/l	99
4) Vinyl Chloride	2.36	62	58709	22.037	ug/l	97
5) Bromomethane	2.78	94	32732	20.591	ug/l	95
6) Chloroethane	2.92	64	30289	20.244	ug/l	95
7) Trichlorofluoromethane	3.26	101	28400	22.530	ug/l	92
8) Diethyl Ether	3.68	74	27153	20.812	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53741	20.686	ug/l	96
10) Methyl Iodide	4.27	142	83011	20.179	ug/l	99
11) Tert butyl alcohol	5.20	59	20713m	107.866	ug/l	
12) 1,1-Dichloroethene	4.04	96	55743	20.704	ug/l	99
13) Acrolein	3.90	56	26020	123.163	ug/l	98
14) Allyl chloride	4.67	41	85492	20.663	ug/l	99
15) Acrylonitrile	5.37	53	68227	111.886	ug/l	99
16) Acetone	4.14	43	62029	111.219	ug/l	99
17) Carbon Disulfide	4.39	76	155160	20.531	ug/l	99
18) Methyl Acetate	4.67	43	34353	21.503	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	85498	21.001	ug/l	99
20) Methylene Chloride	4.91	84	58910	19.362	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	59471	20.787	ug/l	96
22) Diisopropyl ether	6.31	45	156727	20.217	ug/l	97
23) Vinyl Acetate	6.25	43	499281	107.278	ug/l	99
24) 1,1-Dichloroethane	6.21	63	95861	20.232	ug/l	98
25) 2-Butanone	7.17	43	89412	108.781	ug/l	98
26) 2,2-Dichloropropane	7.17	77	65576	21.469	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	62693	20.710	ug/l	99
28) Bromochloromethane	7.51	49	27029	16.399	ug/l #	99
29) Tetrahydrofuran	7.53	42	57628	114.716	ug/l	98
30) Chloroform	7.67	83	94780	20.680	ug/l	98
31) Cyclohexane	7.95	56	101642	20.268	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	77810	20.885	ug/l	98
36) 1,1-Dichloropropene	8.08	75	82335	20.657	ug/l	100
37) Ethyl Acetate	7.26	43	37834	20.921	ug/l	97
38) Carbon Tetrachloride	8.07	117	73181	20.712	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109231	21.153	ug/l	97
40) Benzene	8.32	78	226765	20.381	ug/l	98
41) Methacrylonitrile	7.48	41	23850	23.192	ug/l	96
42) 1,2-Dichloroethane	8.40	62	58961	20.966	ug/l	98
43) Isopropyl Acetate	8.42	43	71561	21.903	ug/l	97
44) Trichloroethene	9.09	130	66075	20.817	ug/l	95
45) 1,2-Dichloropropane	9.37	63	54268	20.322	ug/l	98
46) Dibromomethane	9.46	93	28245	21.231	ug/l	98
47) Bromodichloromethane	9.64	83	66967	20.250	ug/l	97
48) Methyl methacrylate	9.43	41	34331	21.332	ug/l	98
49) 1,4-Dioxane	9.48	88	10863	465.027	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	187090	108.921	ug/l	100
52) Toluene	10.38	92	147624	20.598	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70594	20.543	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	83850	20.141	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41958	21.012	ug/l	94
56) Ethyl methacrylate	10.65	69	57536	21.393	ug/l	98
57) 1,3-Dichloropropane	10.93	76	72428	21.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	131596	103.713	ug/l	98
59) 2-Hexanone	10.97	43	130095	110.452	ug/l	99
60) Dibromochloromethane	11.13	129	47446	20.661	ug/l	97
61) 1,2-Dibromoethane	11.24	107	40503	21.325	ug/l	99
64) Tetrachloroethene	10.86	164	56826	20.886	ug/l	98
65) Chlorobenzene	11.66	112	152981	20.826	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	52166	20.444	ug/l	99
67) Ethyl Benzene	11.73	91	278922	20.775	ug/l	100
68) m/p-Xylenes	11.84	106	212478	41.595	ug/l	98
69) o-Xylene	12.16	106	98093	20.784	ug/l	98
70) Styrene	12.18	104	166180	20.507	ug/l	98
71) Bromoform	12.35	173	30715	21.940	ug/l #	97
73) Isopropylbenzene	12.46	105	278449	20.674	ug/l	100
74) N-amyl acetate	12.27	43	61478	20.871	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	49799	21.693	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38429m	24.540	ug/l	
77) Bromobenzene	12.74	156	65622	20.556	ug/l	98
78) n-propylbenzene	12.80	91	324682	20.847	ug/l	98
79) 2-Chlorotoluene	12.89	91	176545	20.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	230667	20.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16502	21.541	ug/l	96
82) 4-Chlorotoluene	12.99	91	186807	20.627	ug/l	100
83) tert-Butylbenzene	13.21	119	209811	21.111	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226203	20.438	ug/l	98
85) sec-Butylbenzene	13.38	105	287297	20.922	ug/l	100
86) p-Isopropyltoluene	13.50	119	263852	20.913	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	124823	20.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	122864	20.719	ug/l	99
89) n-Butylbenzene	13.82	91	238404	20.918	ug/l	100
90) Hexachloroethane	14.09	117	43834	20.305	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	110607	20.695	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8045	21.983	ug/l	96

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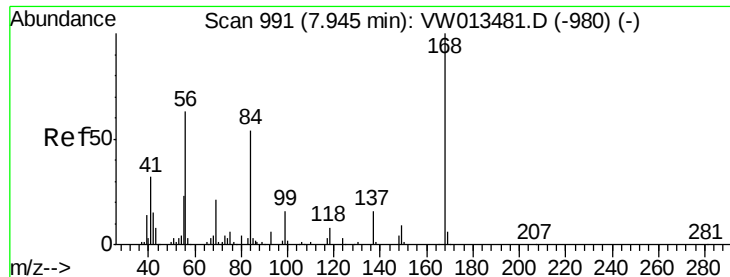
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77339	20.475	ug/l	99
94) Hexachlorobutadiene	15.24	225	54615	21.758	ug/l	98
95) Naphthalene	15.36	128	137703	21.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	69670	21.093	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion:168 Resp: 310208

Ion Ratio Lower Upper

168 100

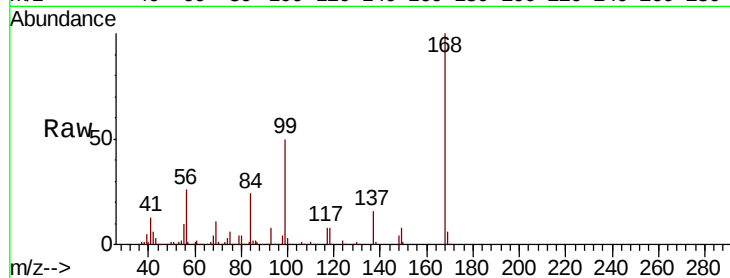
99 50.1 38.3 57.5

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

7.95

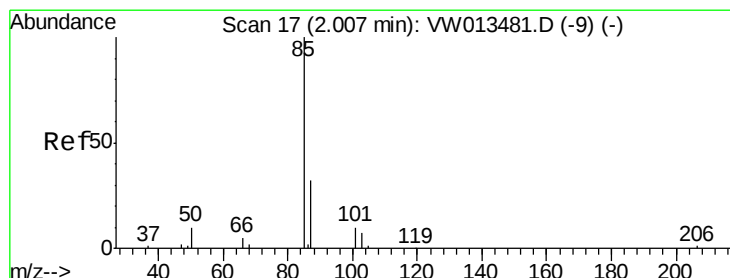
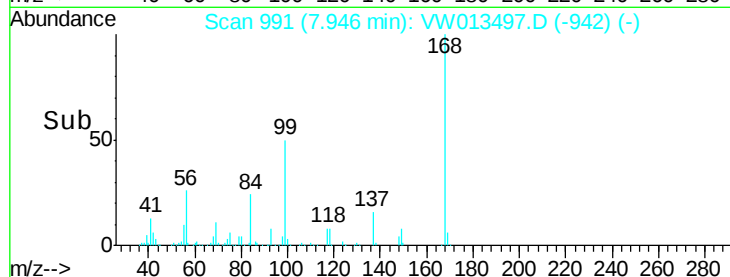
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.334 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW013497.D

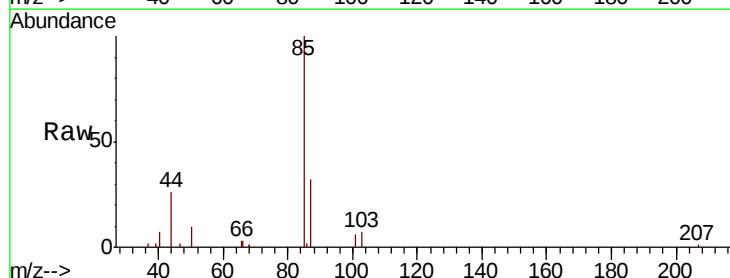
Acq: 09 Oct 2019 12:17

Tgt Ion: 85 Resp: 17811

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

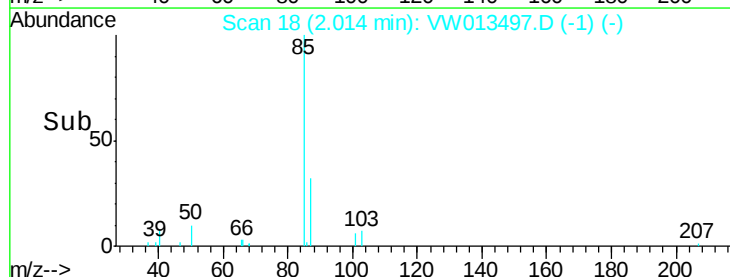
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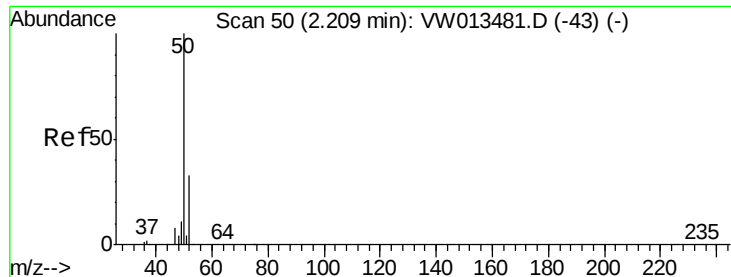
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.591 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 50 Resp: 38996

Ion Ratio Lower Upper

50 100

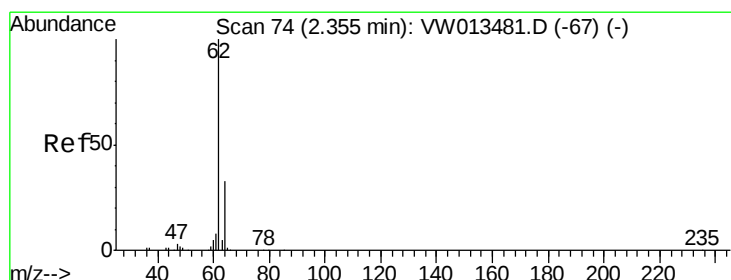
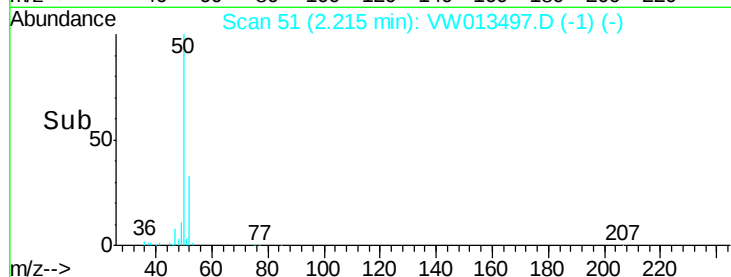
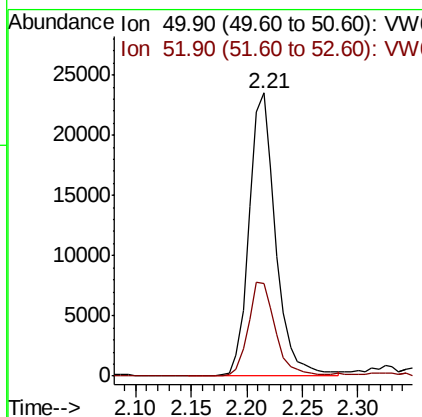
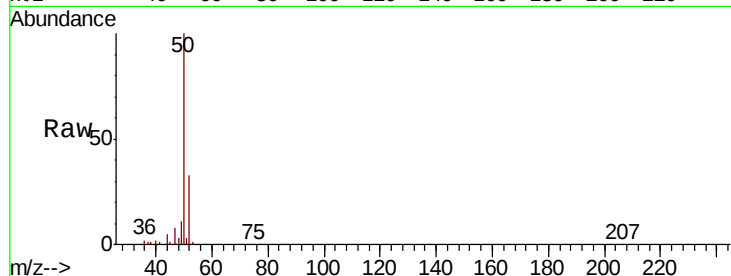
52 32.9 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.037 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013497.D

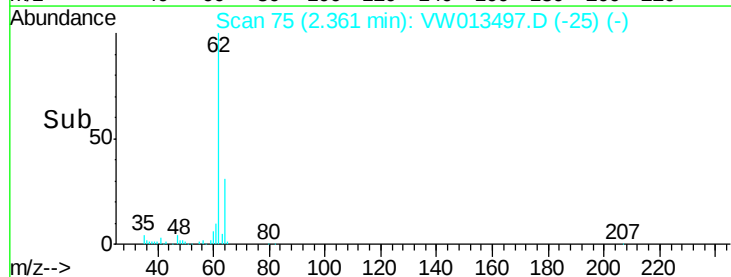
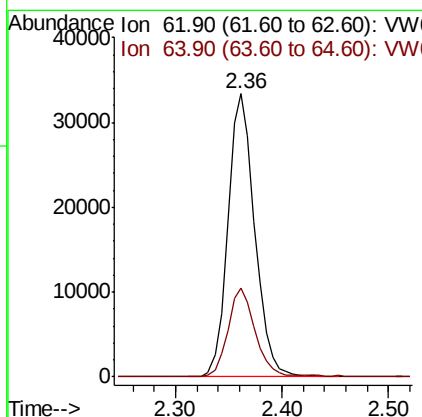
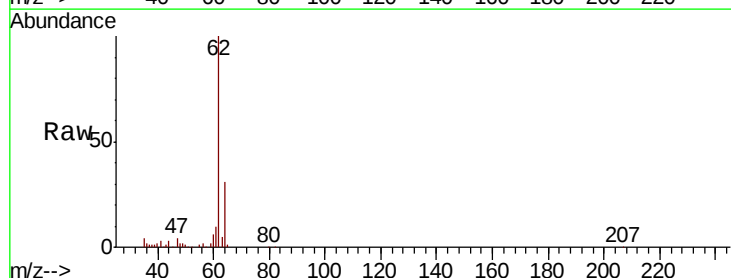
Acq: 09 Oct 2019 12:17

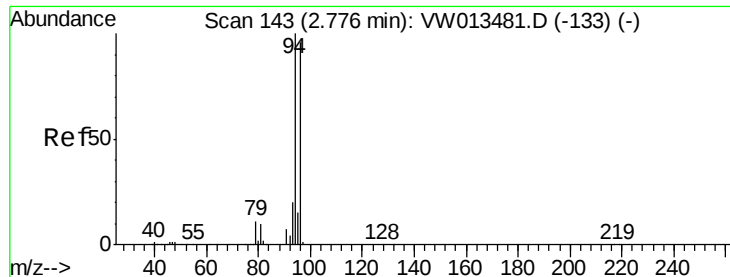
Tgt Ion: 62 Resp: 58709

Ion Ratio Lower Upper

62 100

64 31.3 26.6 39.8





#5

Bromomethane

Concen: 20.591 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 94 Resp: 32732

Ion Ratio Lower Upper

94 100

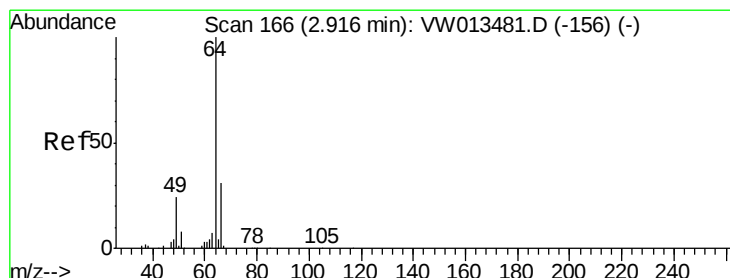
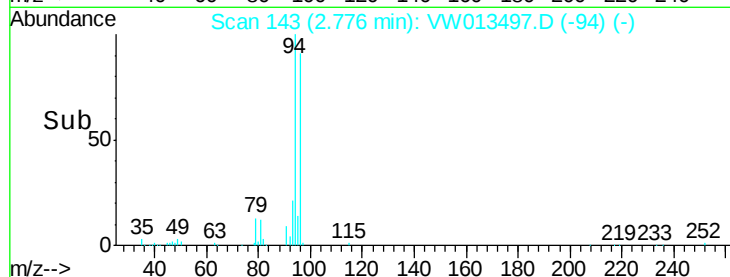
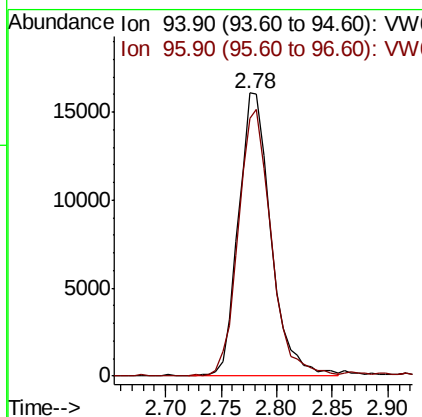
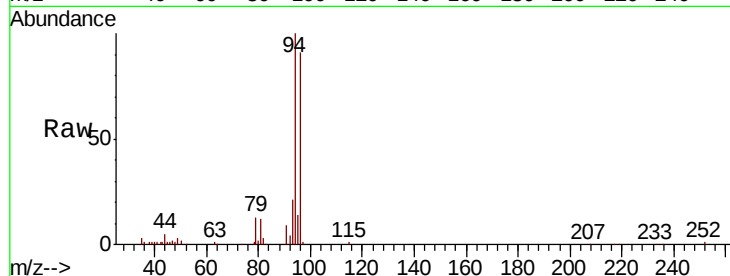
96 91.1 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 20.244 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW013497.D

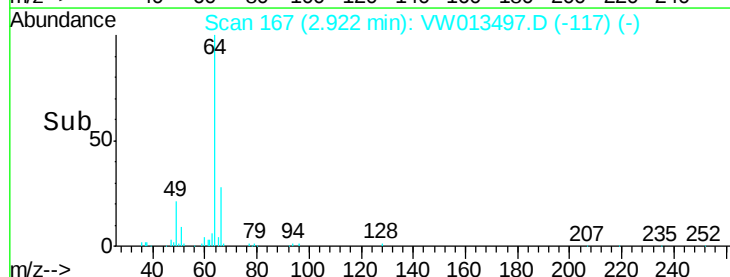
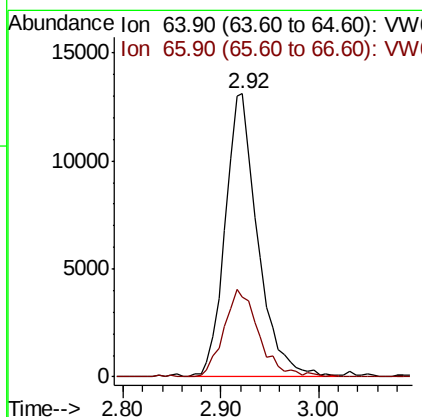
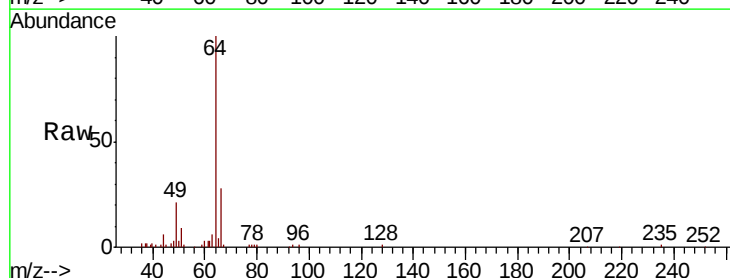
Acq: 09 Oct 2019 12:17

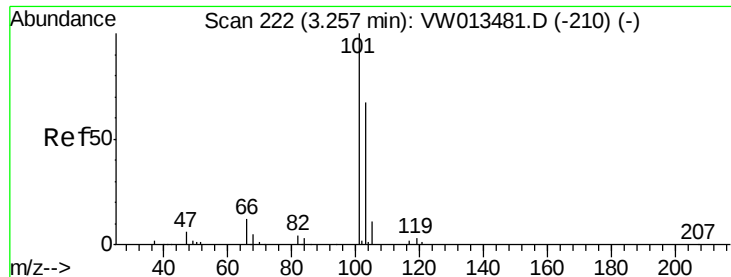
Tgt Ion: 64 Resp: 30289

Ion Ratio Lower Upper

64 100

66 28.2 25.0 37.4





#7

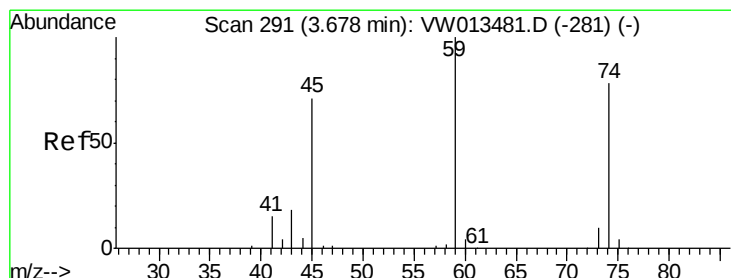
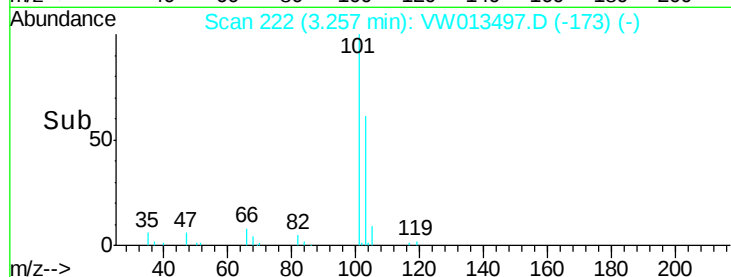
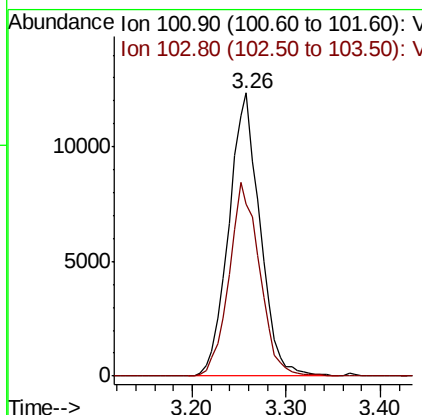
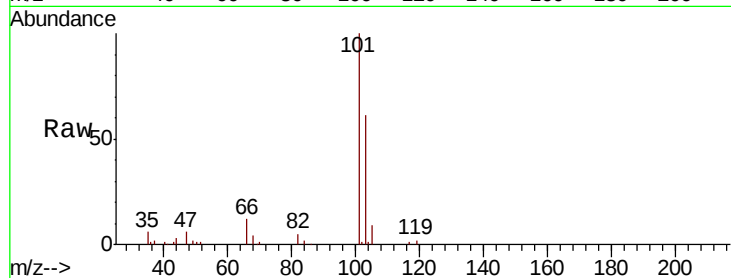
Trichlorofluoromethane
 Concen: 22.530 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampled :
 VW1009SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	53.7	80.5

Manual Integrations
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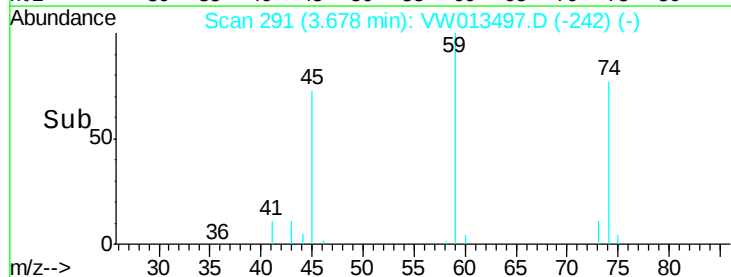
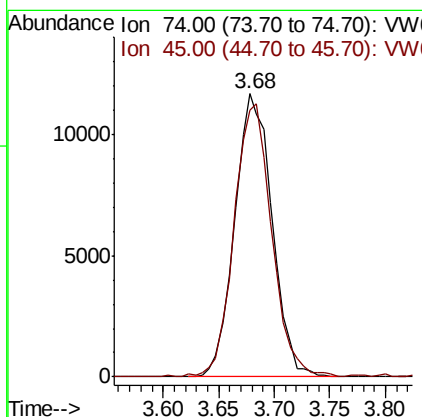
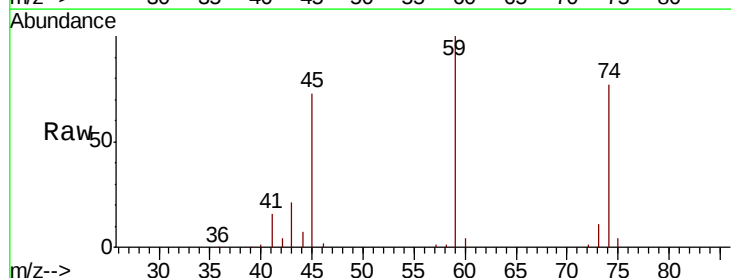
MMDadoda
 10/11/2019 4:40:34 PM

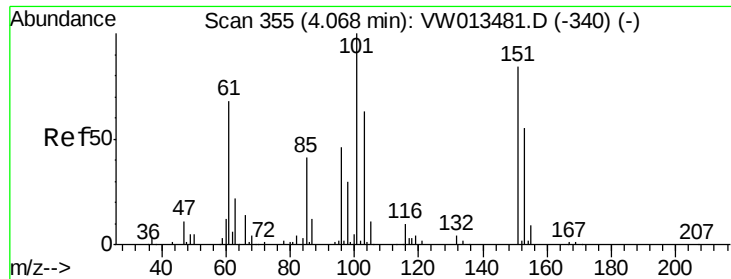


#8

Diethyl Ether
 Concen: 20.812 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	50.0	150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.686 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

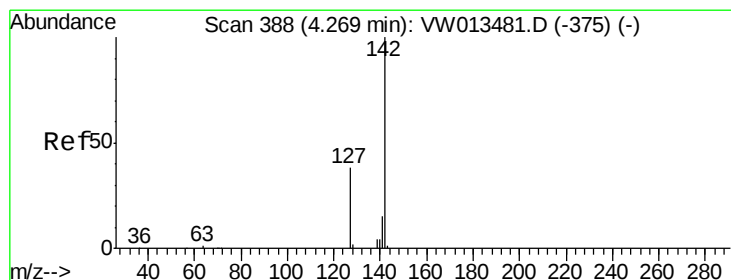
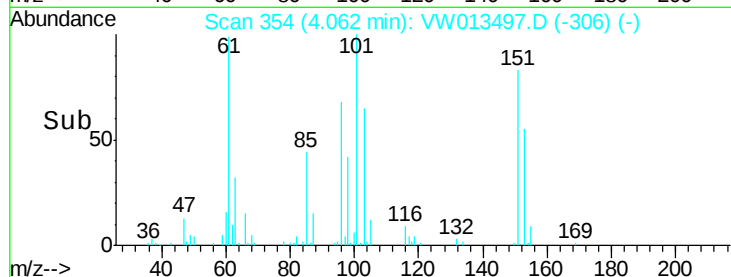
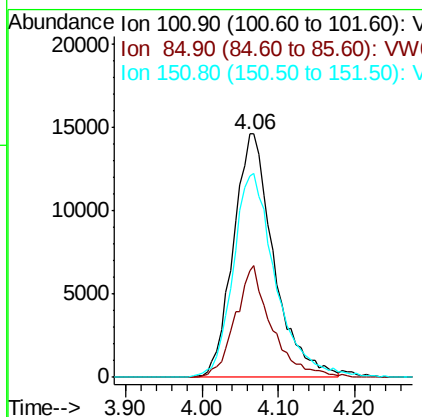
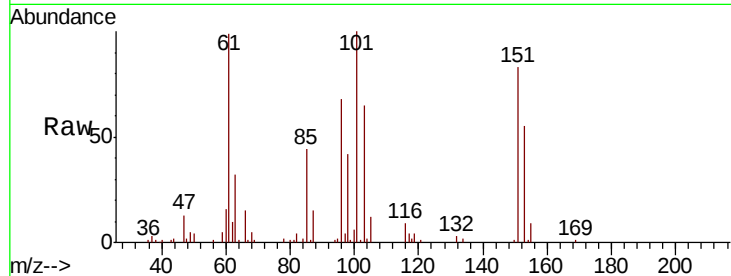
ClientSampleId :

VW1009SBS01

Tot Ion:	101	Resp:	53741
Ion Ratio	Lower	Upper	
101	100		
85	41.2	31.6	47.4
151	88.3	67.5	101.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.179 ug/l

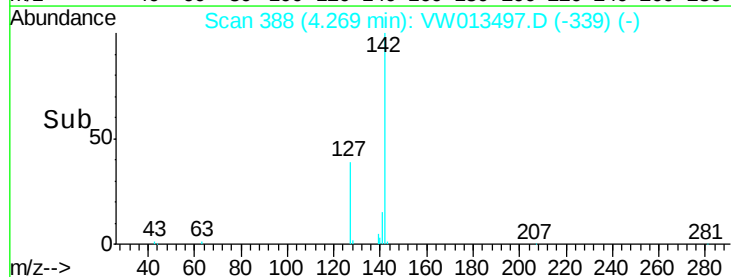
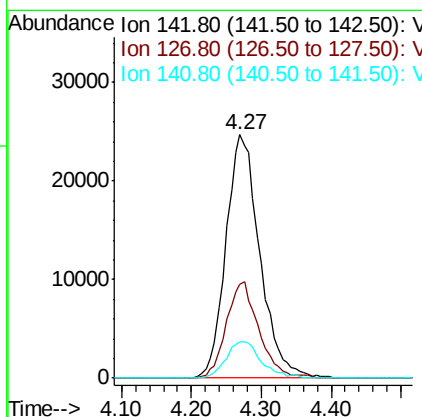
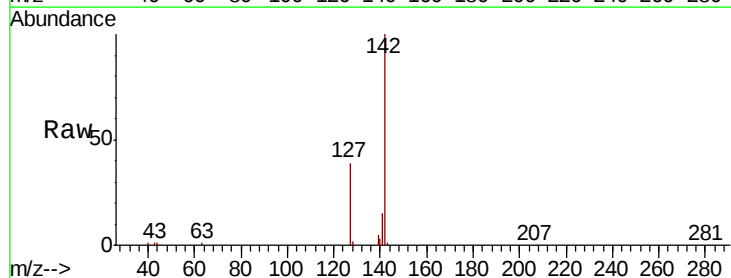
RT: 4.27 min Scan# 388

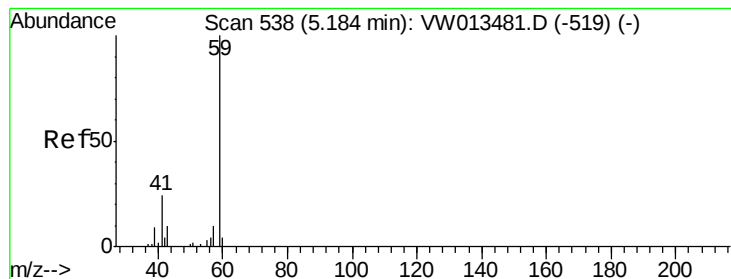
Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	142	Resp:	83011
Ion Ratio	Lower	Upper	
142	100		
127	38.0	29.6	44.4
141	15.5	12.1	18.1





#11

Tert butyl alcohol

Concen: 107.866 ug/l m

RT: 5.20 min Scan# 540

Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 59 Resp: 20713

Ion Ratio Lower Upper

59 100

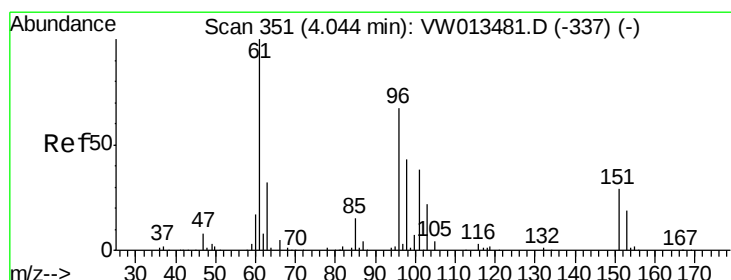
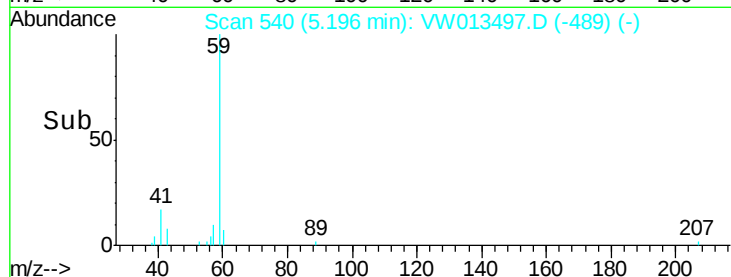
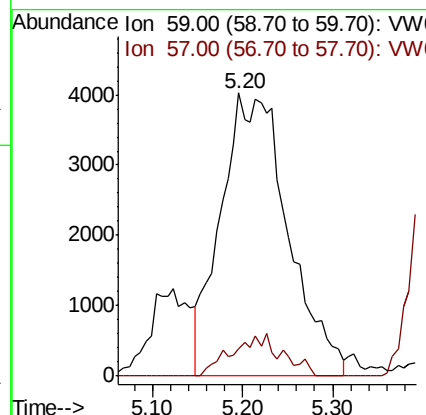
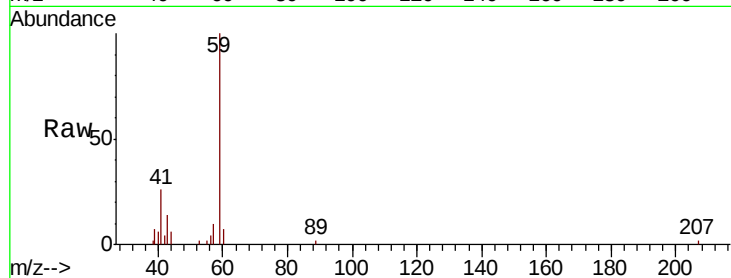
57 0.0 8.2 12.4#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 20.704 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

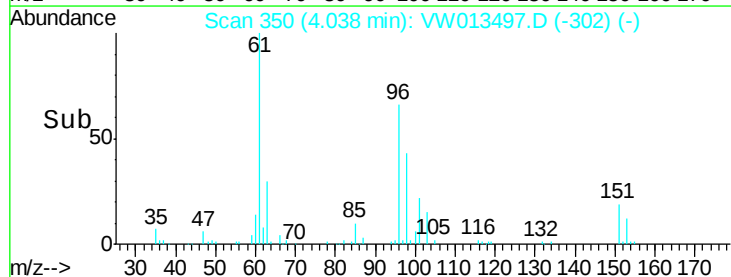
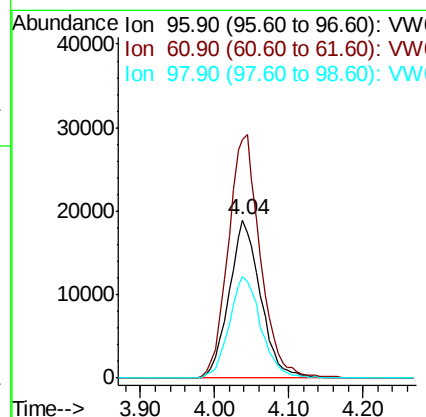
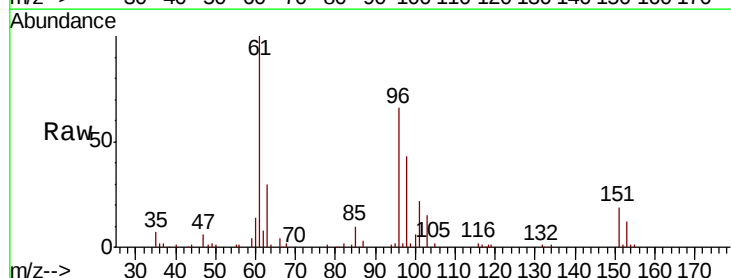
Tgt Ion: 96 Resp: 55743

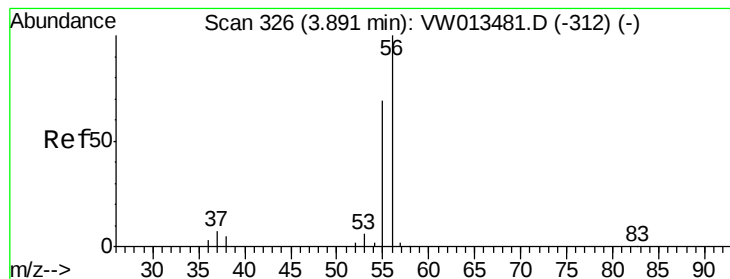
Ion Ratio Lower Upper

96 100

61 151.0 119.4 179.0

98 64.4 51.1 76.7





#13

Acrolein

Concen: 123.163 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 56 Resp: 26020

Ion Ratio Lower Upper

56 100

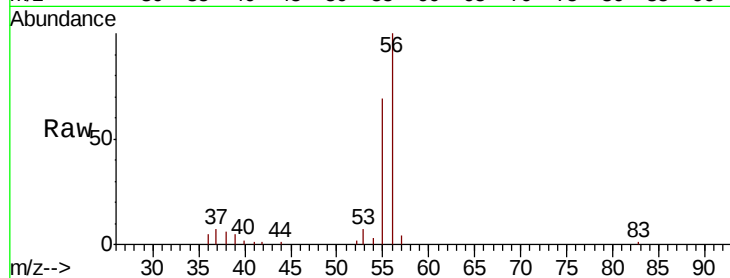
55 68.6 55.9 83.9

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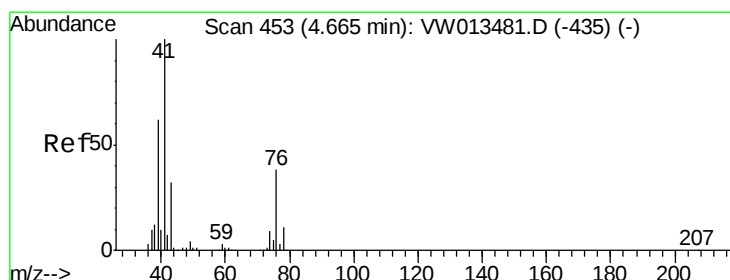
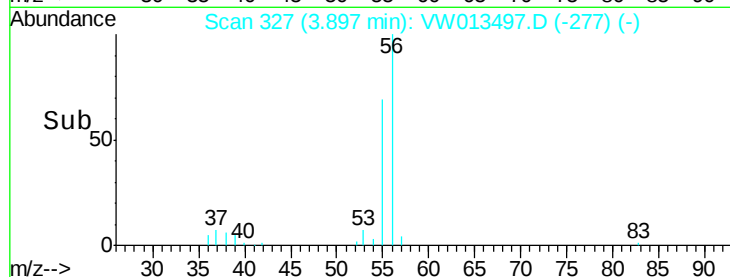
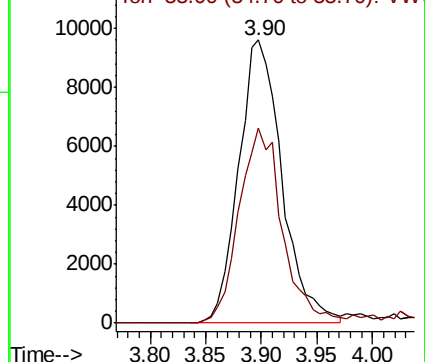
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.663 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

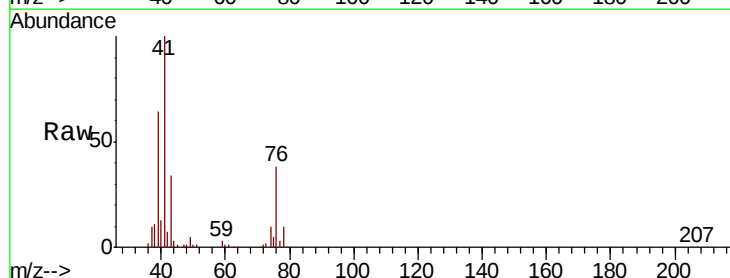
Tgt Ion: 41 Resp: 85492

Ion Ratio Lower Upper

41 100

39 61.1 50.1 75.1

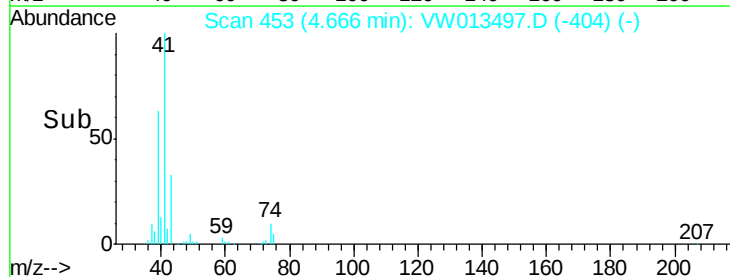
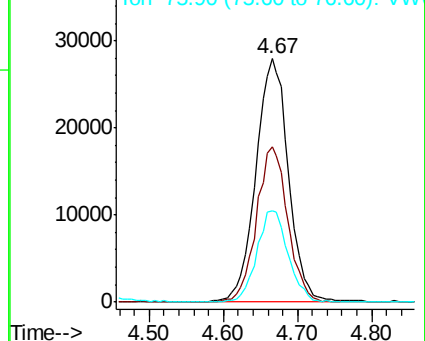
76 36.0 29.0 43.4

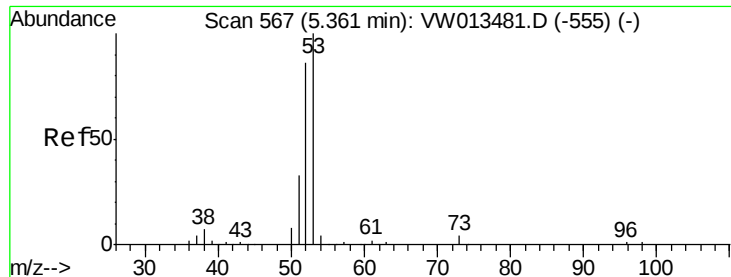


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.886 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

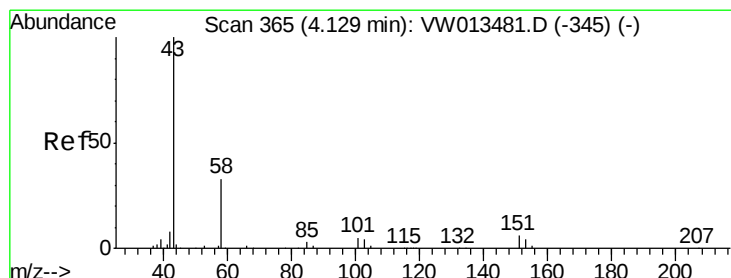
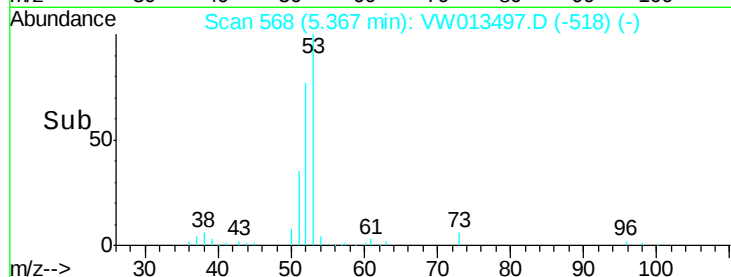
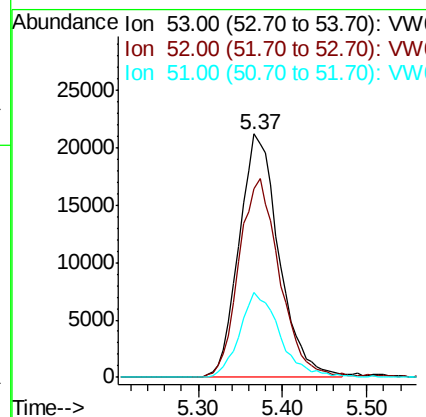
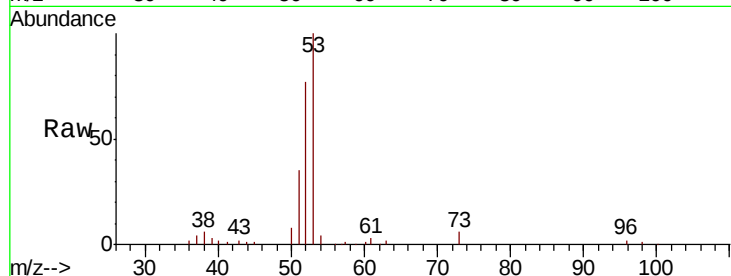
ClientSampleId :

VW1009SBS01

Tot Ion:	53	Resp:	68227
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.8	98.8
51	35.2	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 111.219 ug/l

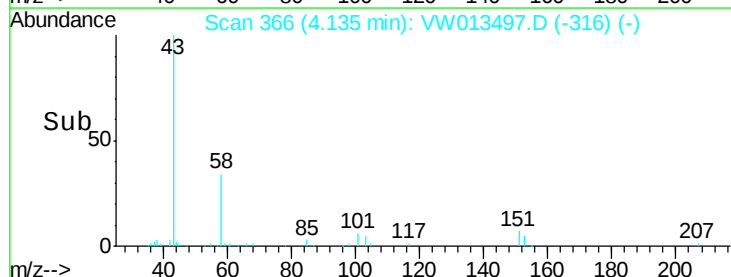
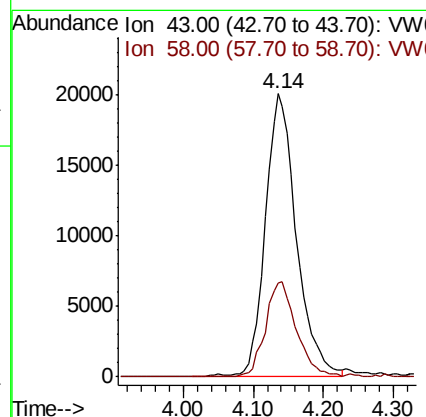
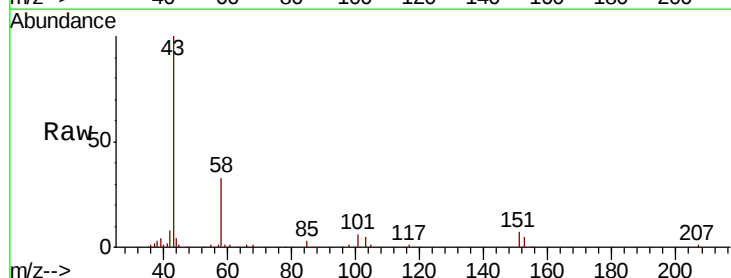
RT: 4.14 min Scan# 366

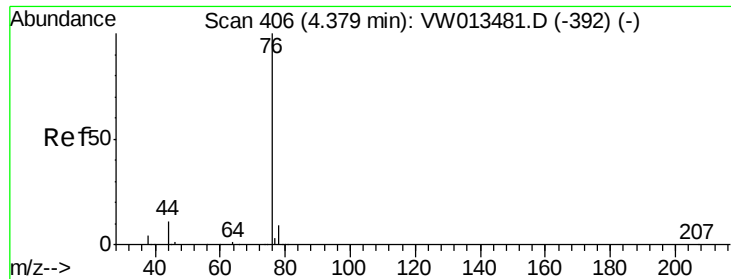
Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	43	Resp:	62029
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.1	39.1





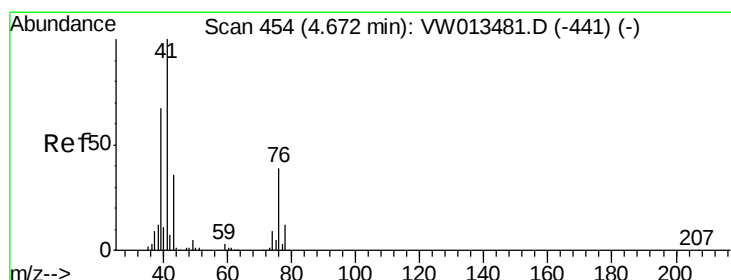
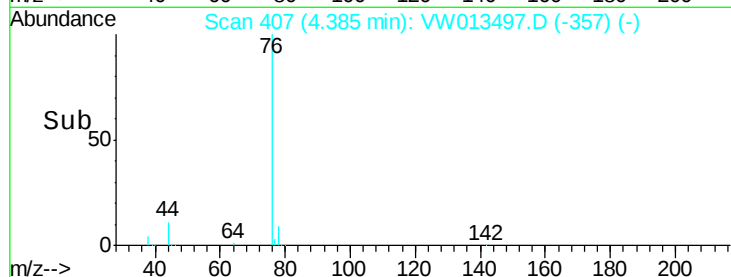
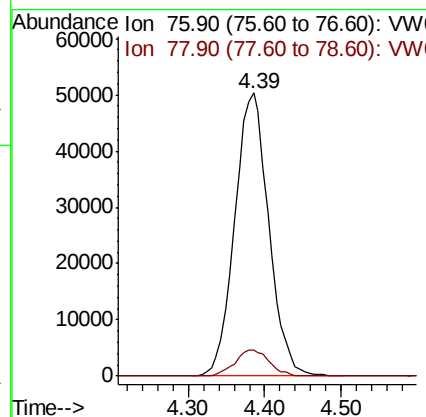
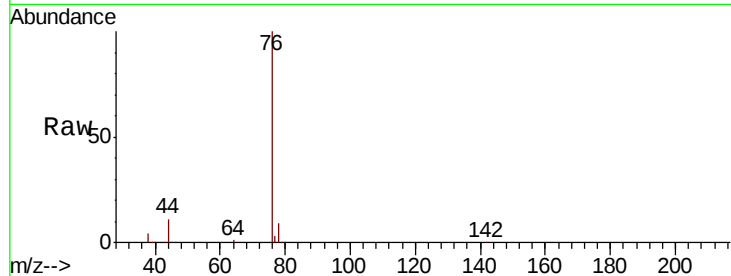
#17
Carbon Disulfide
Concen: 20.531 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

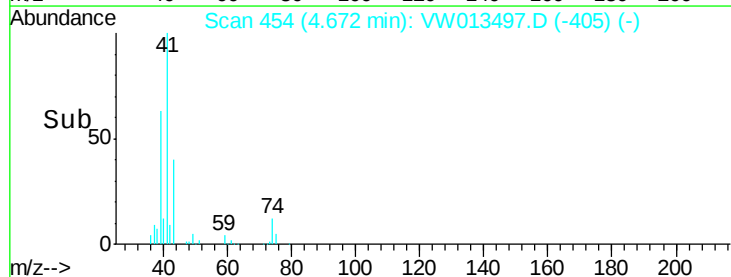
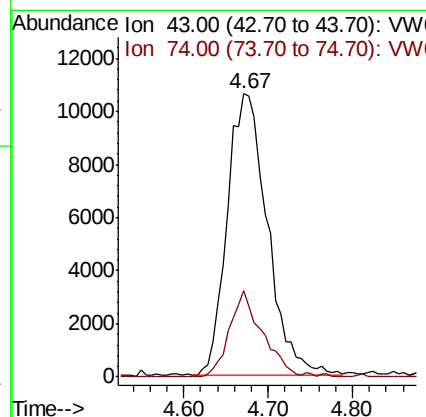
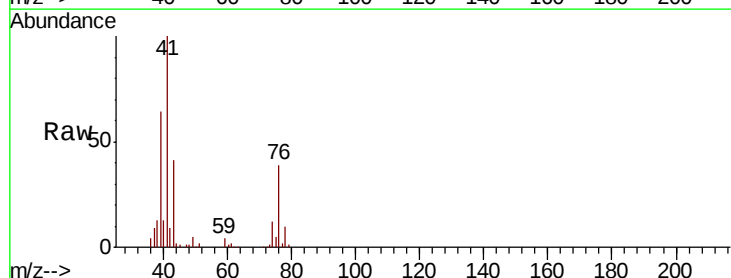
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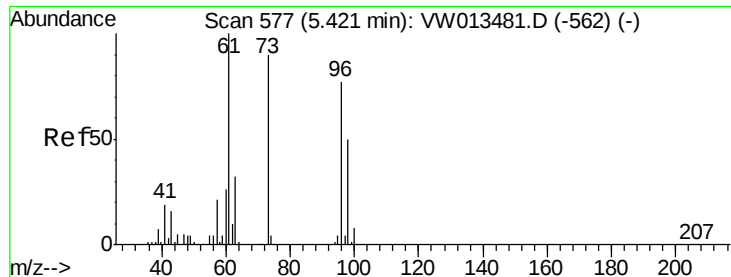
MMDadoda
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#18
Methyl Acetate
Concen: 21.503 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.6	29.4





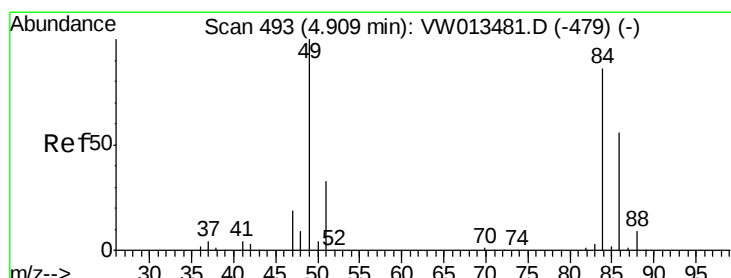
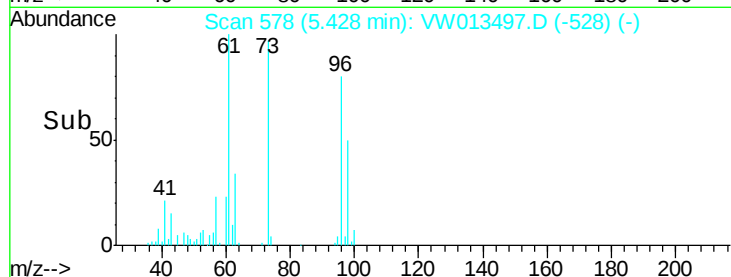
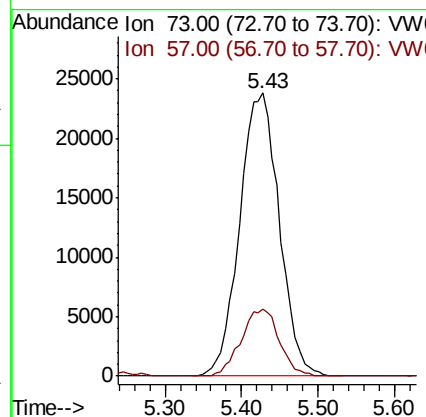
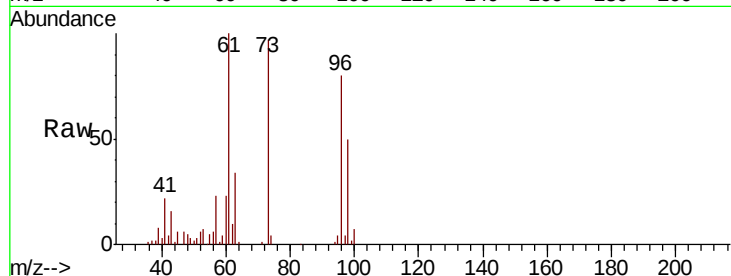
#19
Methyl tert-butyl Ether
Concen: 21.001 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion: 73 Resp: 85498
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8

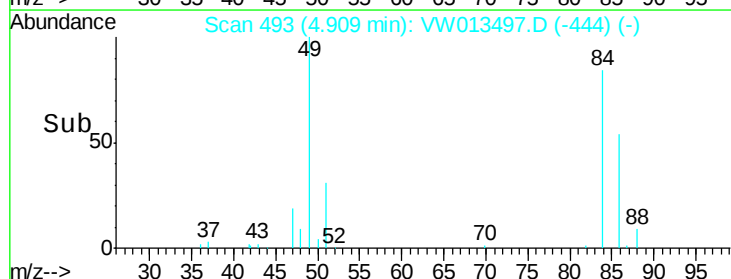
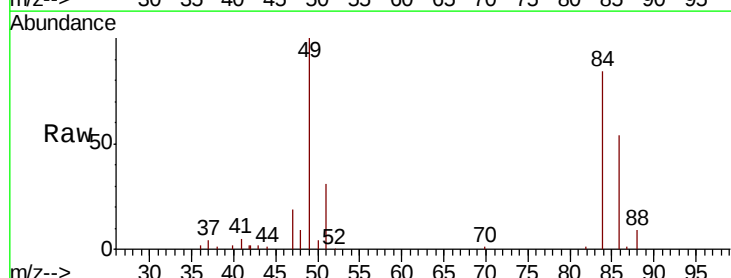
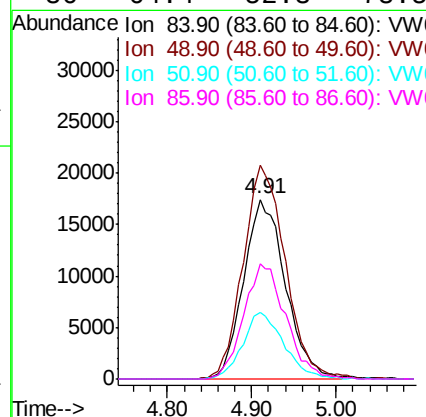
Manual Integrations
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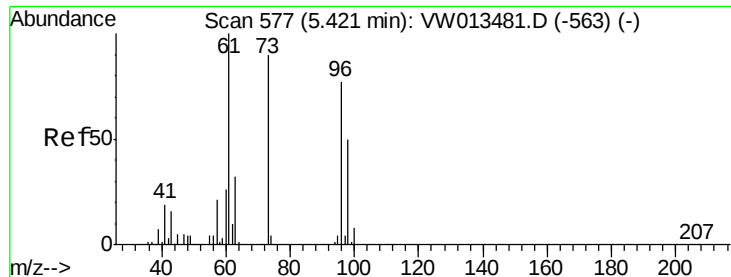
MMDadoda
10/11/2019 4:40:34 PM



#20
Methylene Chloride
Concen: 19.362 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion: 84 Resp: 58910
Ion Ratio Lower Upper
84 100
49 118.8 93.4 140.0
51 37.0 30.6 46.0
86 64.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.787 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

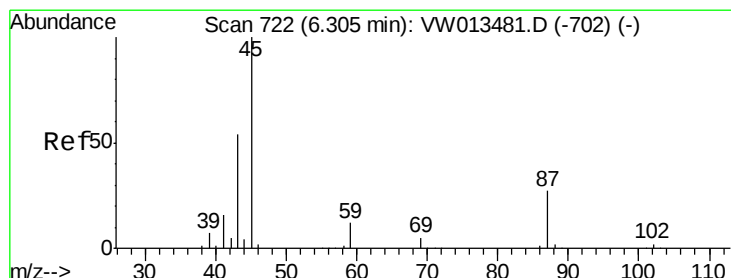
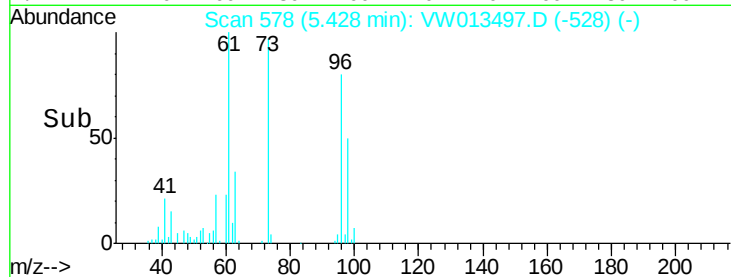
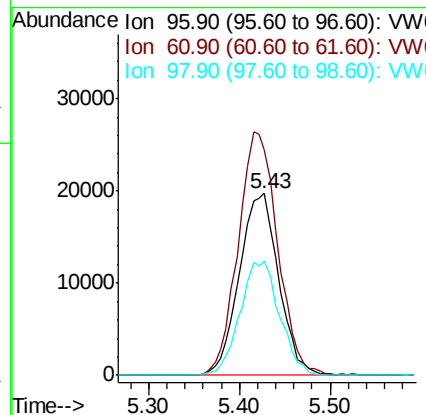
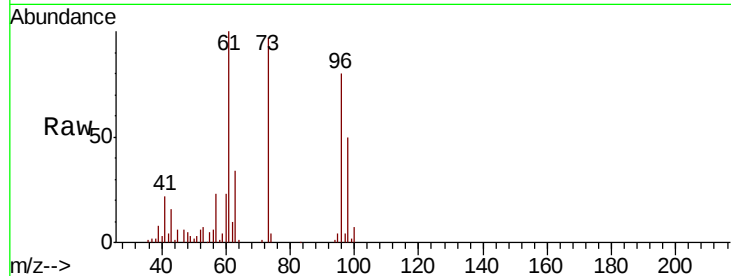
ClientSampleId :

VW1009SBS01

Tot Ion:	96	Resp:	59471
Ion	Ratio	Lower	Upper
96	100		
61	124.3	104.3	156.5
98	62.6	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.217 ug/l

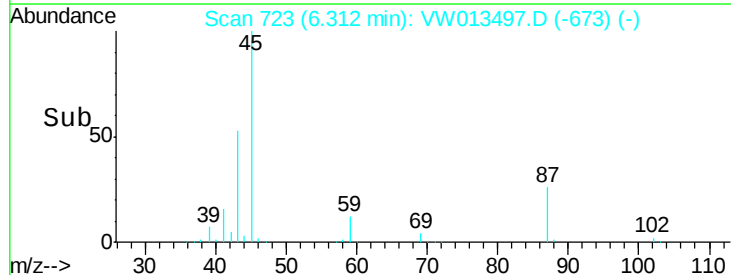
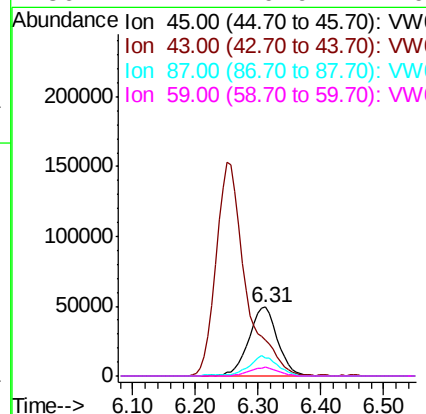
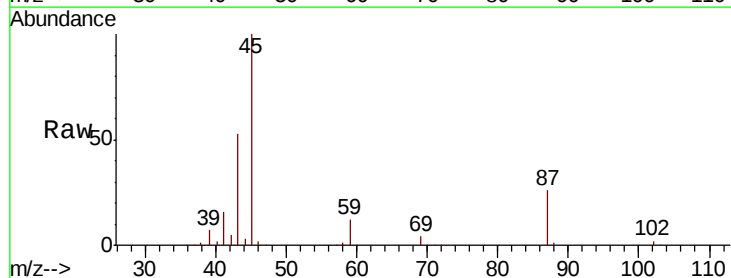
RT: 6.31 min Scan# 723

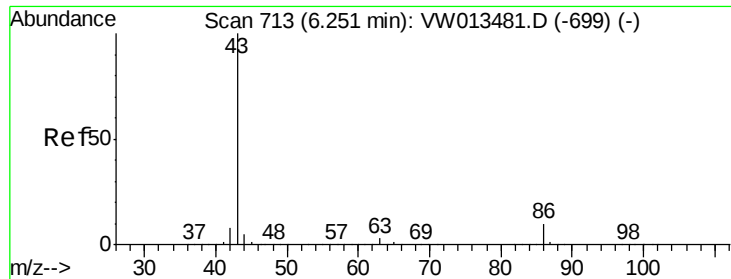
Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	45	Resp:	156727
Ion	Ratio	Lower	Upper
45	100		
43	51.6	43.4	65.0
87	25.7	22.1	33.1
59	12.1	9.9	14.9





#23

Vinyl Acetate

Concen: 107.278 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 43 Resp: 499281

Ion Ratio Lower Upper

43 100

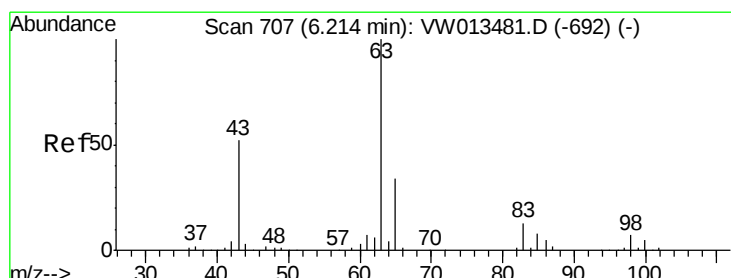
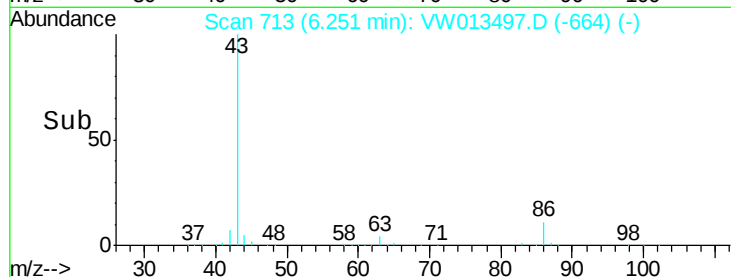
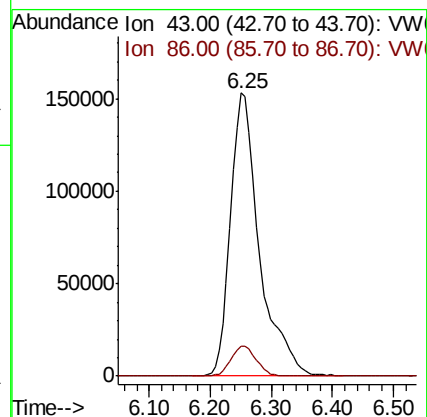
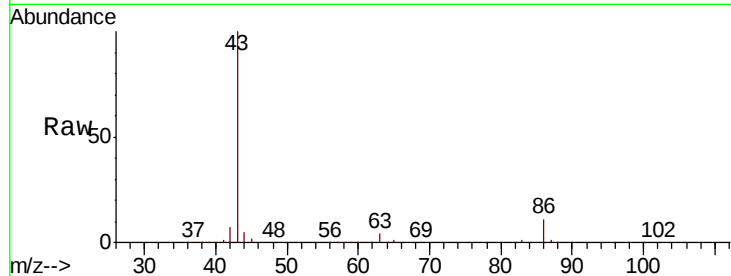
86 10.7 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 20.232 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

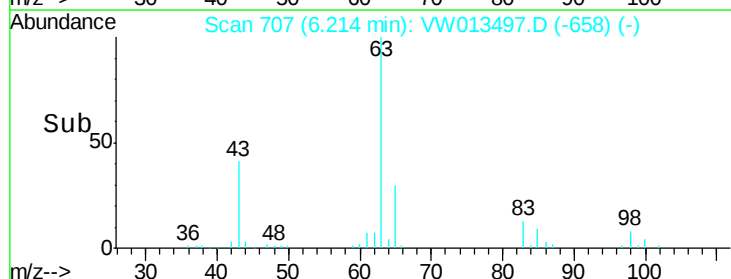
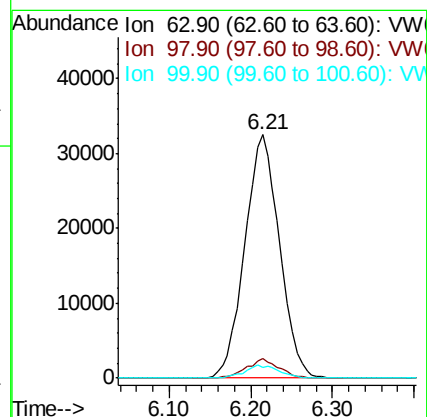
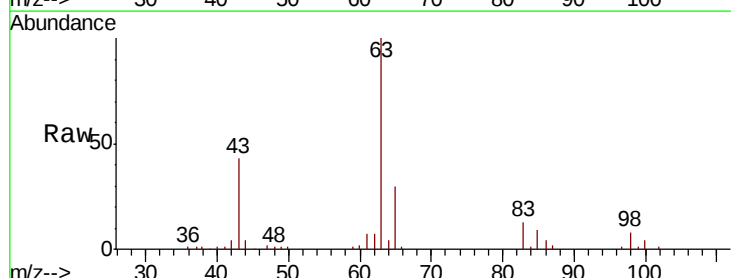
Tgt Ion: 63 Resp: 95861

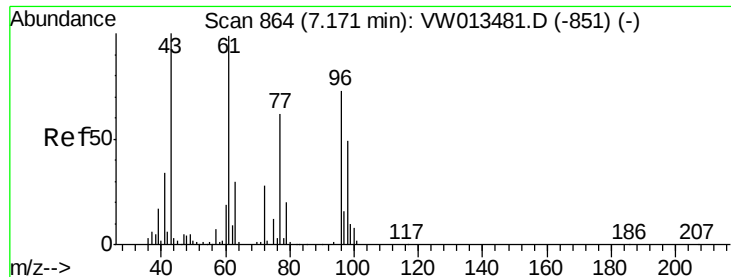
Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 108.781 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 43 Resp: 89412

Ion Ratio Lower Upper

43 100

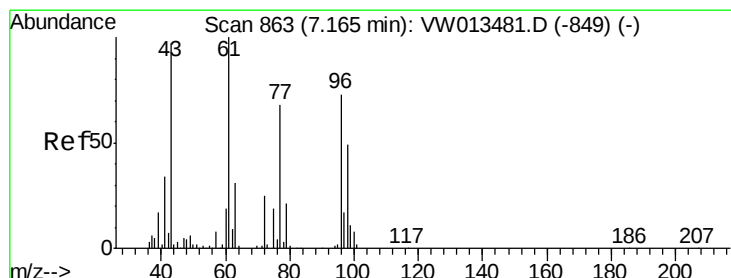
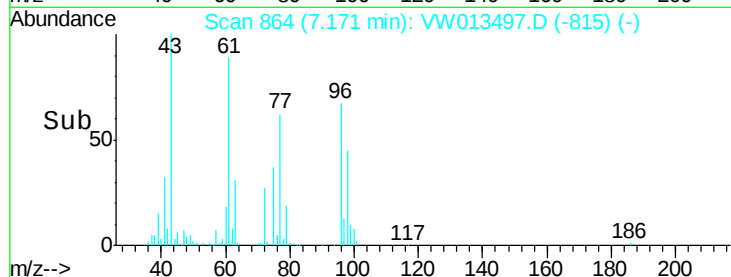
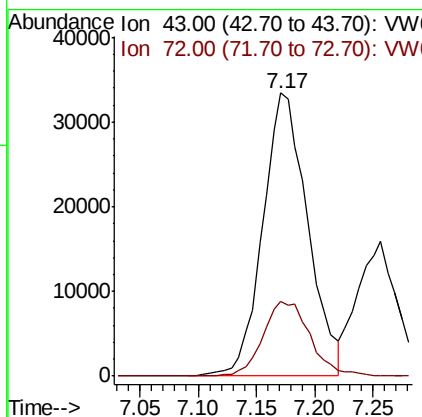
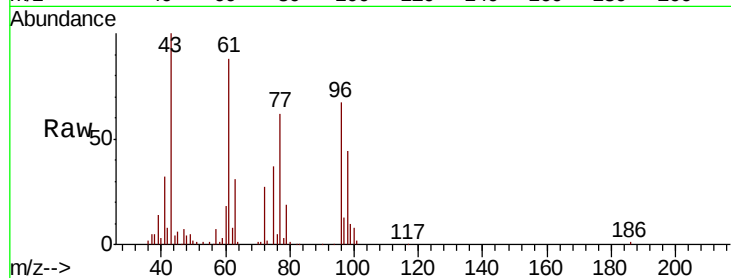
72 26.6 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.469 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013497.D

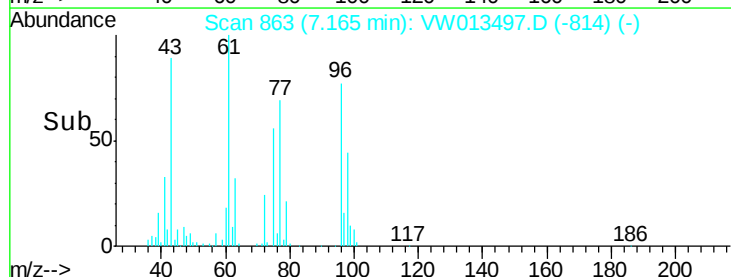
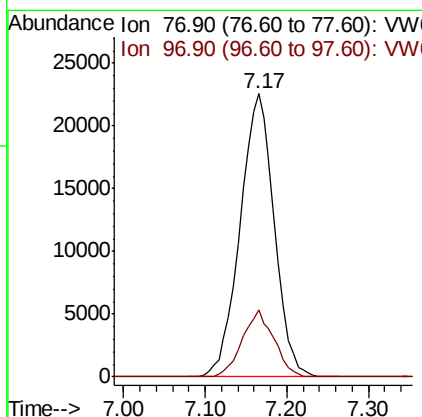
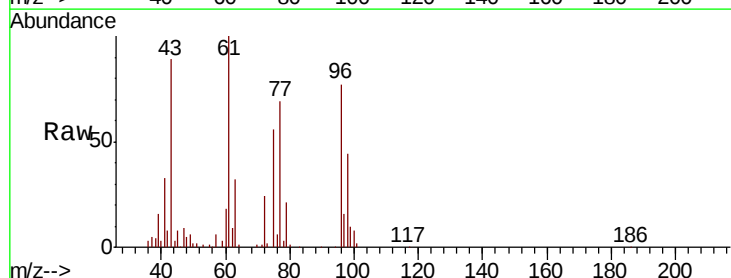
Acq: 09 Oct 2019 12:17

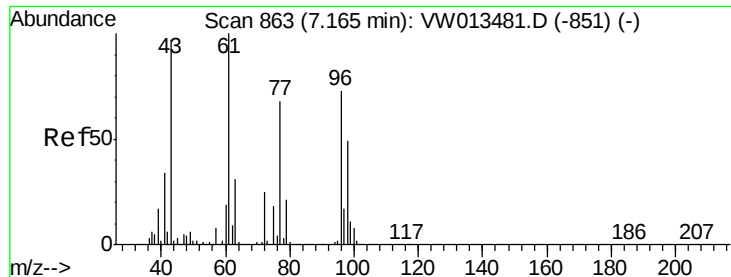
Tgt Ion: 77 Resp: 65576

Ion Ratio Lower Upper

77 100

97 21.8 12.6 37.6





#27

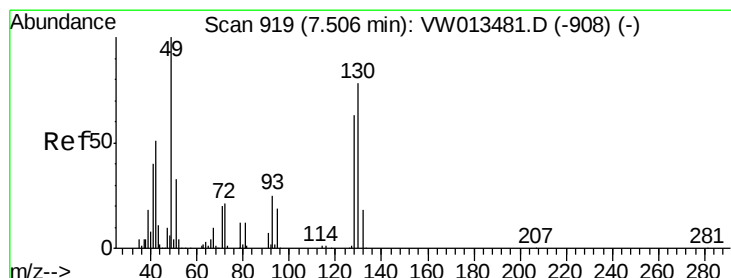
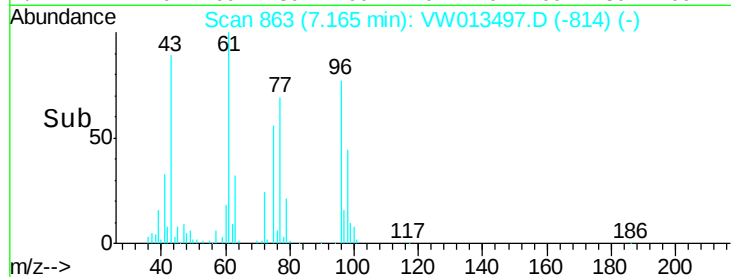
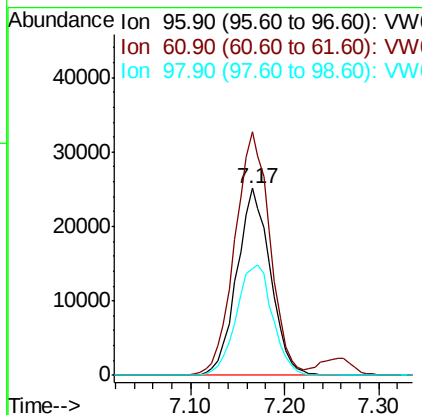
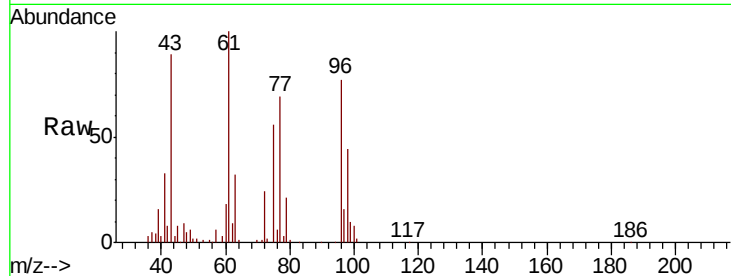
cis-1,2-Dichloroethene
Concen: 20.710 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	274.4
98	63.5	0.0	130.2

Manual Integrations
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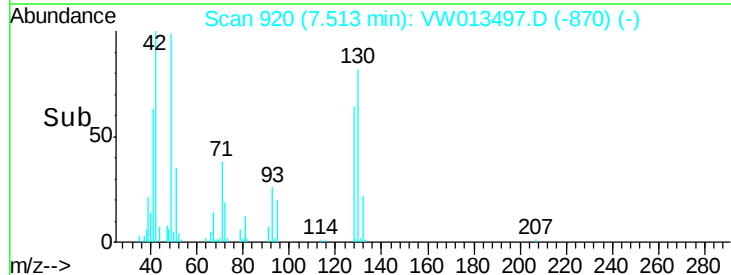
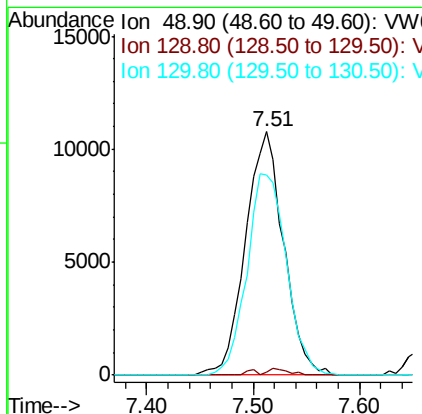
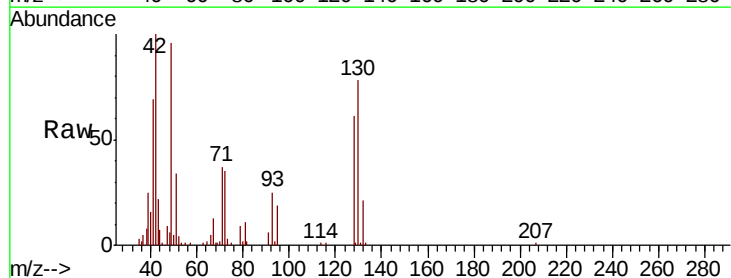
MMDadoda
10/11/2019 4:40:34 PM

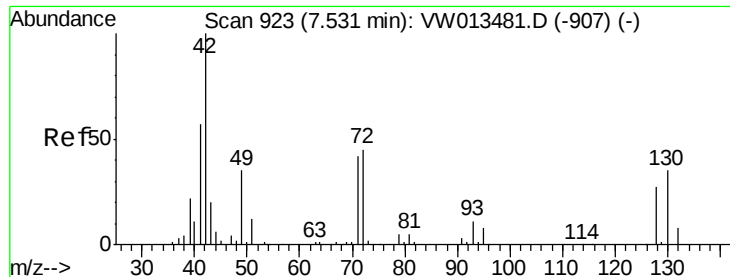


#28

Bromochloromethane
Concen: 16.399 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	1.6
130	85.8	0.0	0.0#





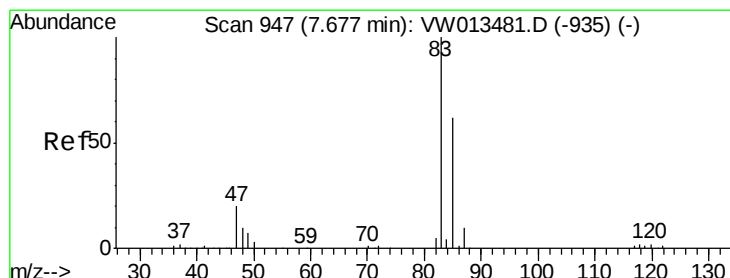
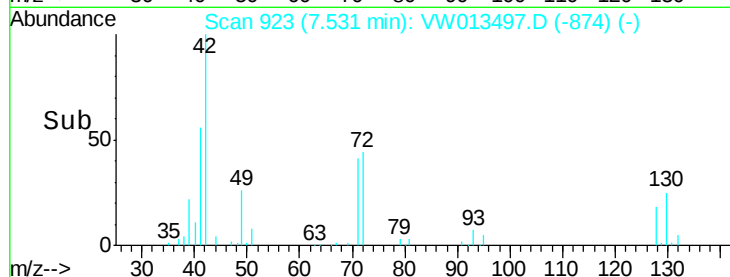
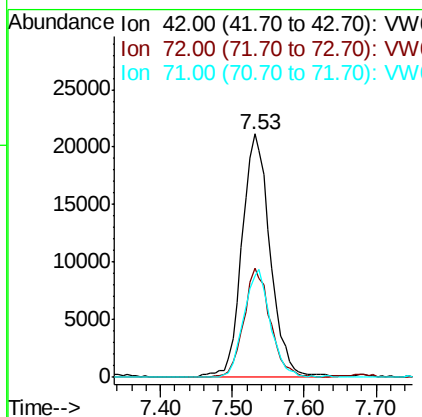
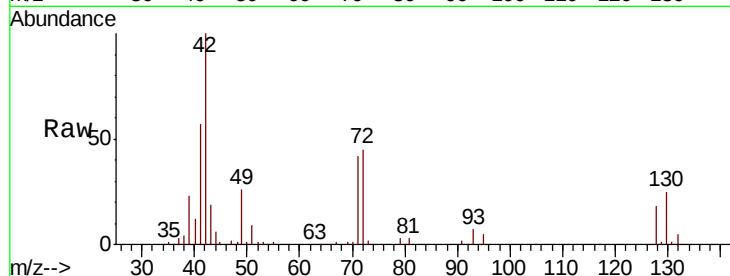
#29
Tetrahydrofuran
Concen: 114.716 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.8	52.2
71	41.3	33.6	50.4

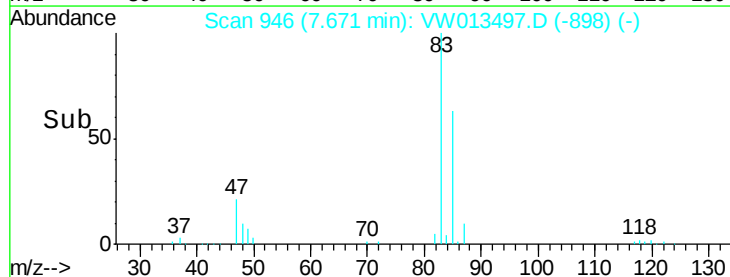
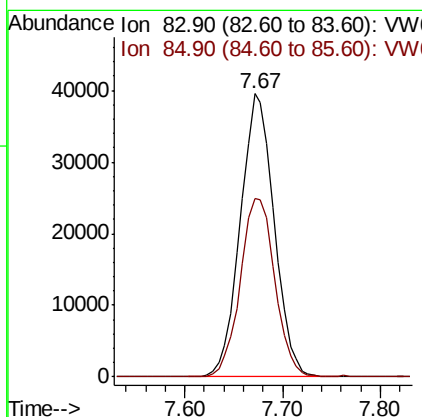
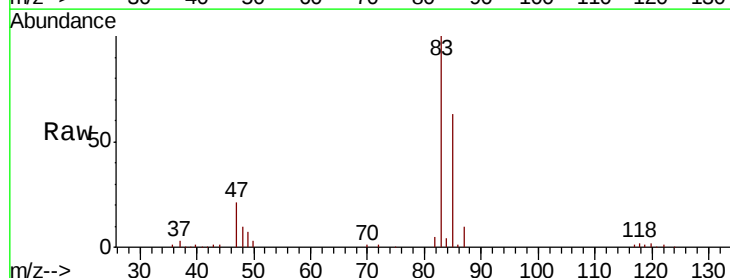
Manual Integrations
APPROVED

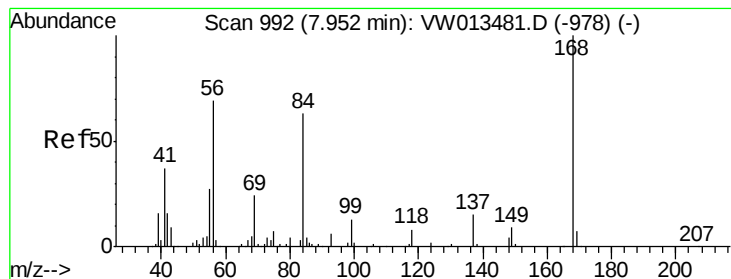
MMDadoda
10/11/2019 4:40:34 PM



#30
Chloroform
Concen: 20.680 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.4	74.2





#31

Cyclohexane

Concen: 20.268 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

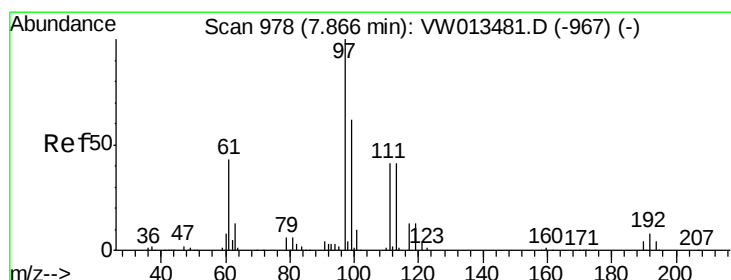
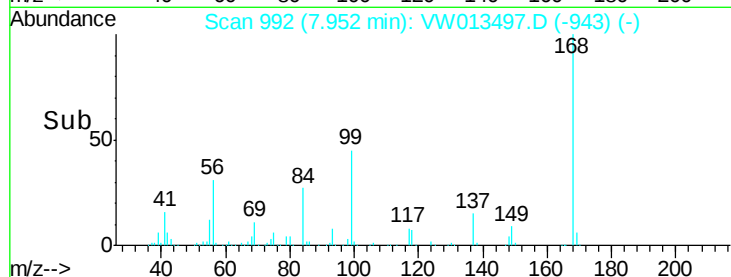
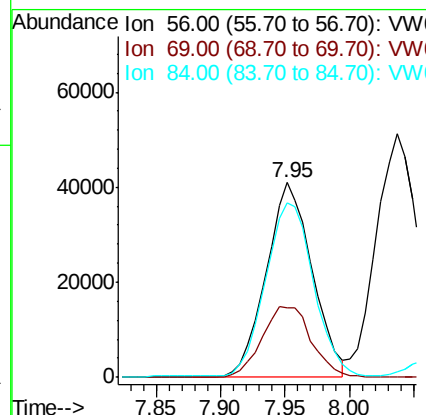
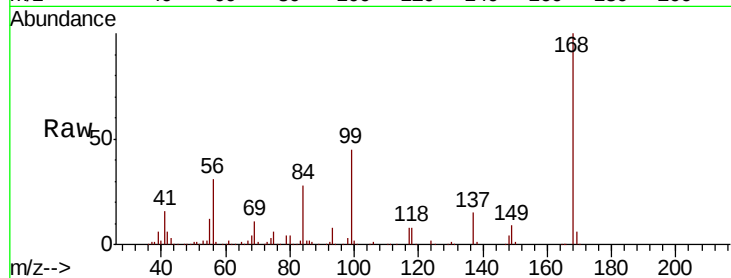
ClientSampleId :

VW1009SBS01

Tot Ion:	56	Resp:	101642
Ion Ratio	Lower	Upper	
56	100		
69	35.4	28.0	42.0
84	88.9	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.885 ug/l

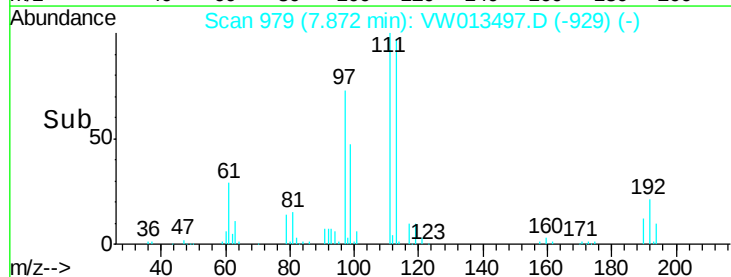
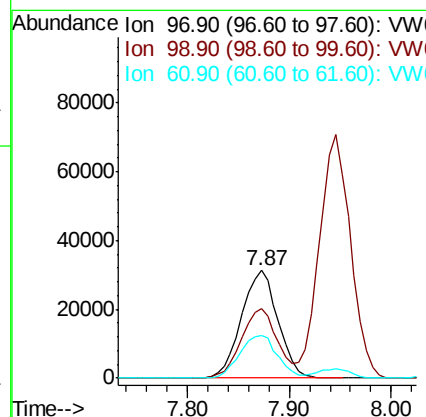
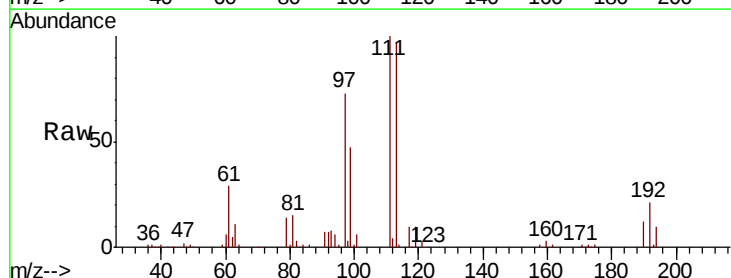
RT: 7.87 min Scan# 979

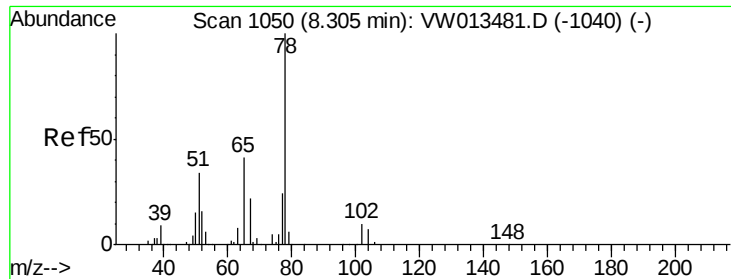
Delta R.T. 0.01 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	97	Resp:	77810
Ion Ratio	Lower	Upper	
97	100		
99	63.2	52.3	78.5
61	41.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 65 Resp: 120857

Ion Ratio Lower Upper

65 100

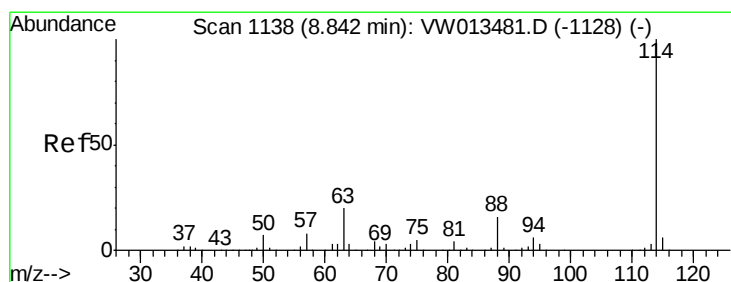
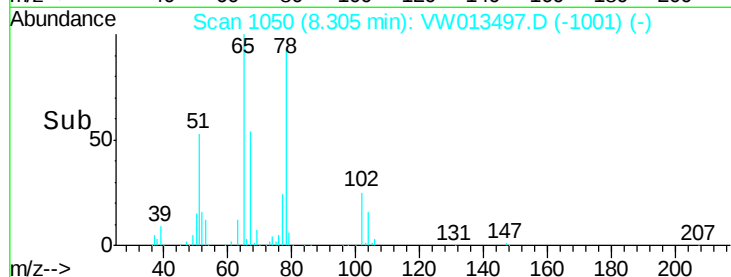
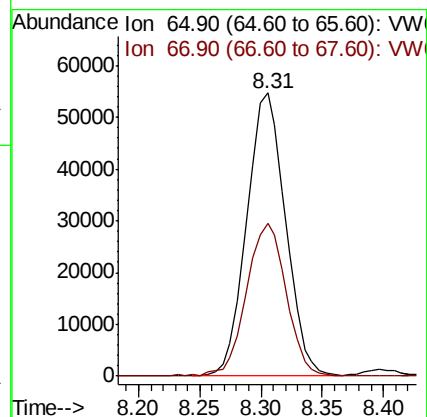
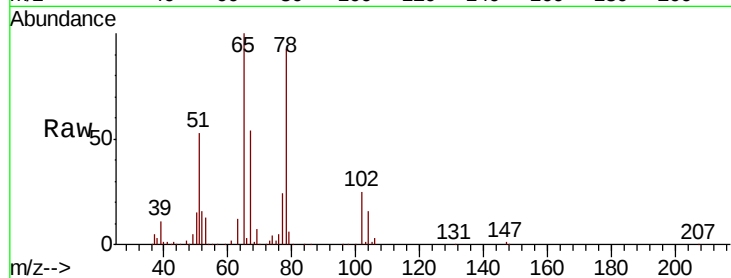
67 55.3 0.0 109.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

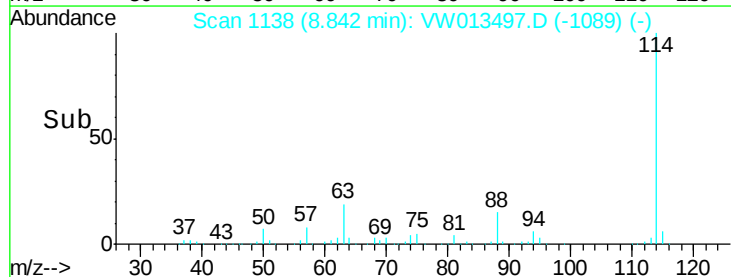
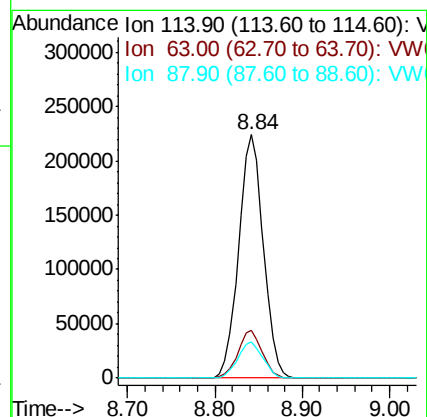
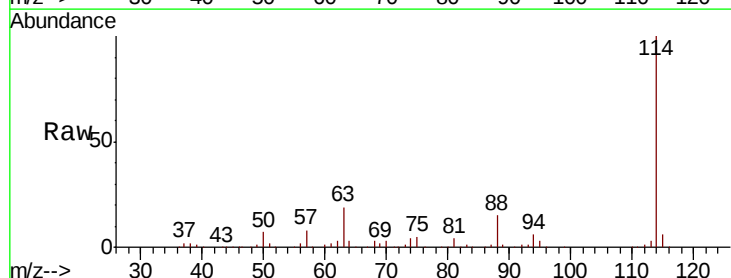
Tgt Ion: 114 Resp: 440599

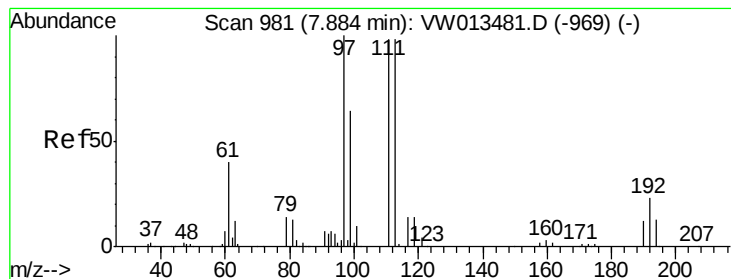
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.162 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

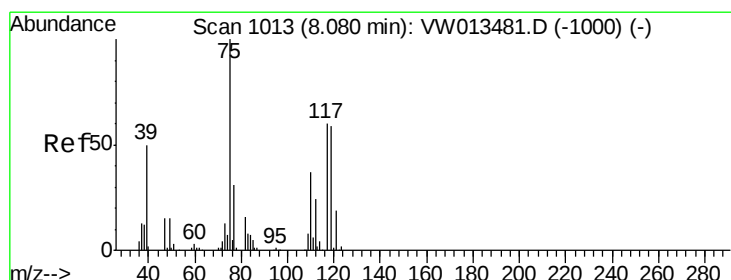
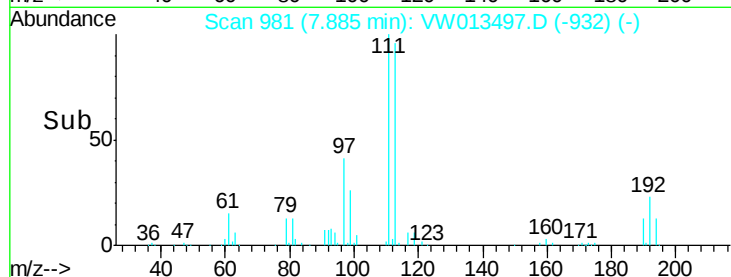
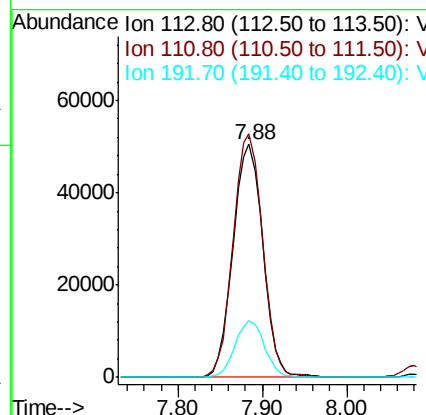
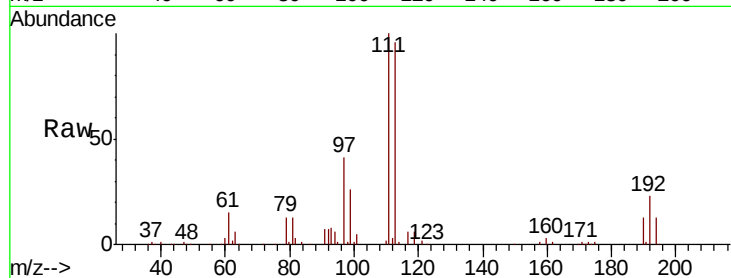
ClientSampleId :

VW1009SBS01

Tot Ion:	113	Resp:	120979
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.3	123.5
192	23.8	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.657 ug/l

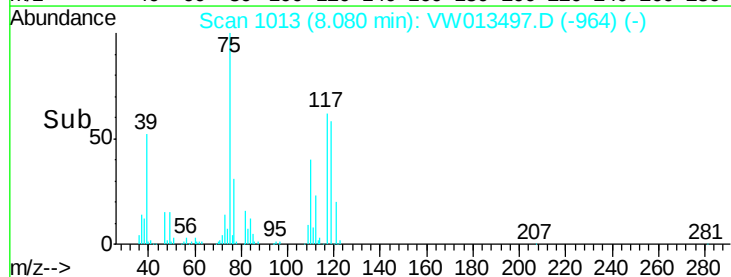
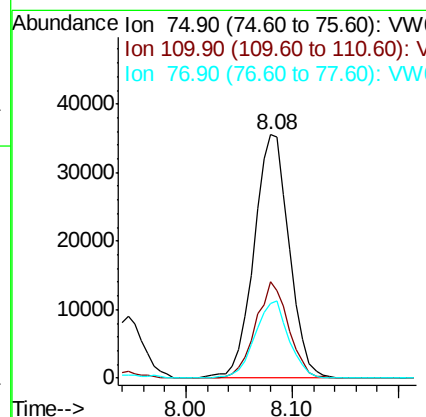
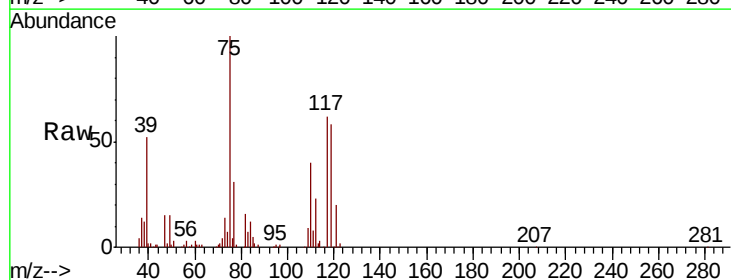
RT: 8.08 min Scan# 1013

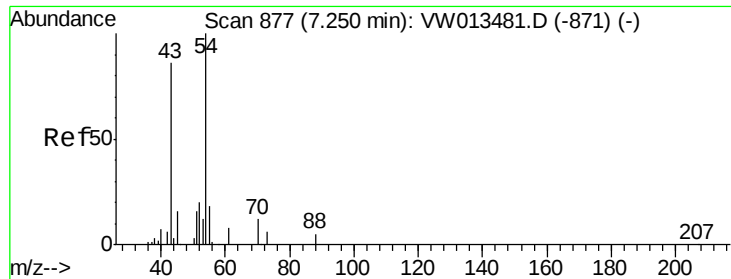
Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	75	Resp:	82335
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.4	55.2
77	30.7	25.0	37.4





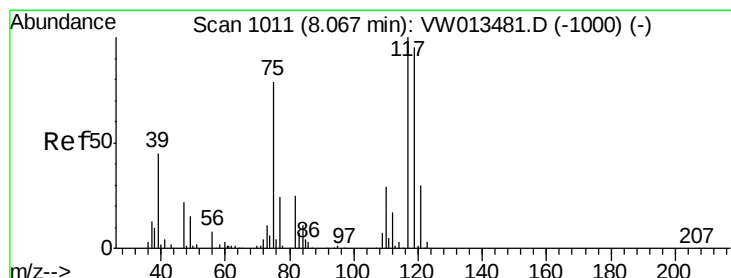
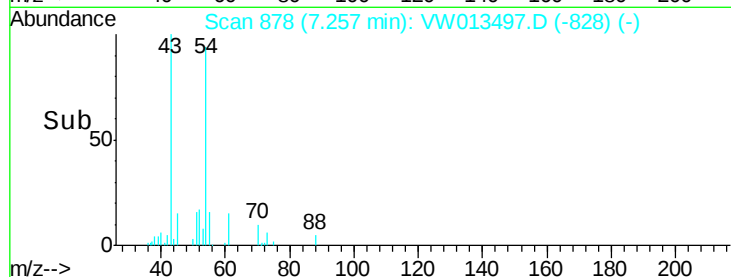
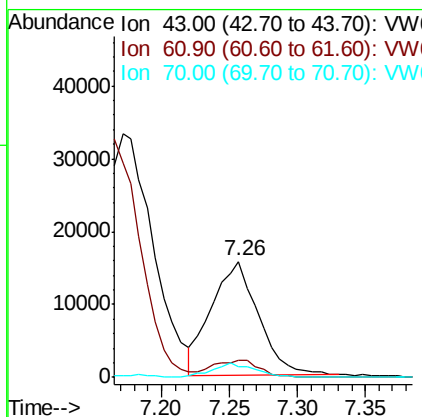
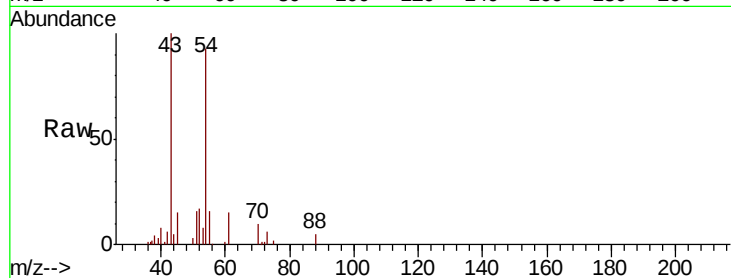
#37
Ethyl Acetate
Concen: 20.921 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.9	16.3
70	11.3	9.2	13.8

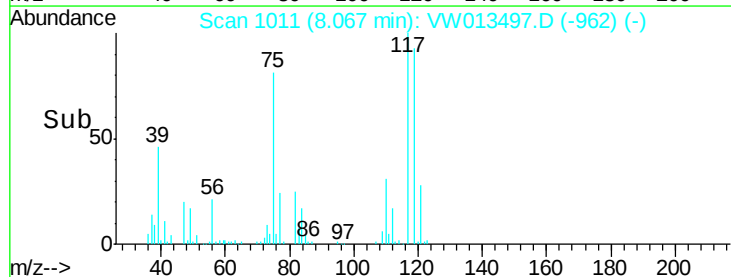
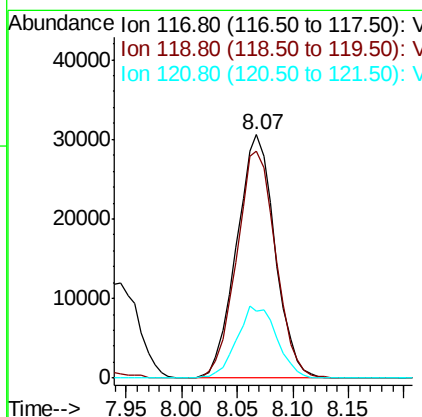
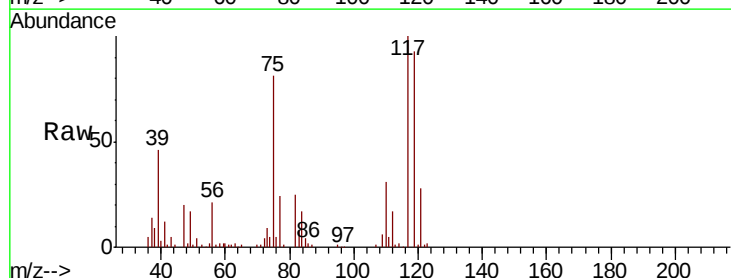
Manual Integrations
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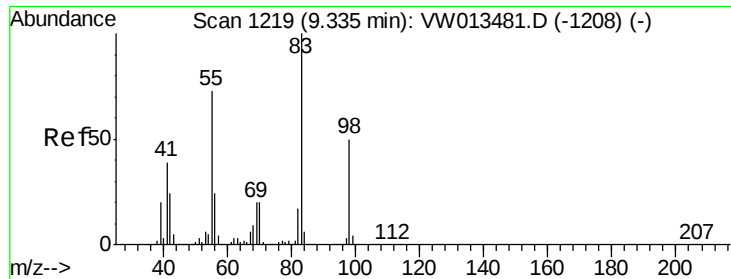
MMDadoda
10/11/2019 4:40:34 PM



#38
Carbon Tetrachloride
Concen: 20.712 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	27.5	23.6	35.4





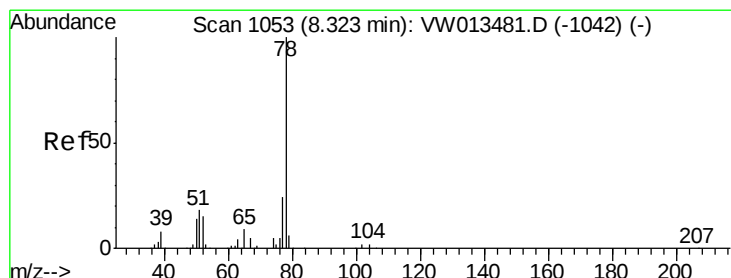
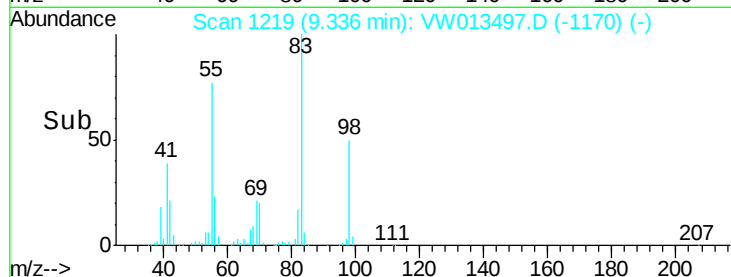
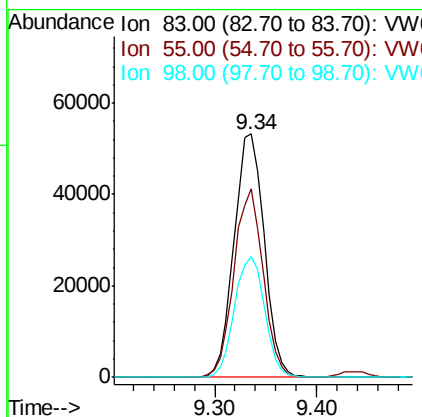
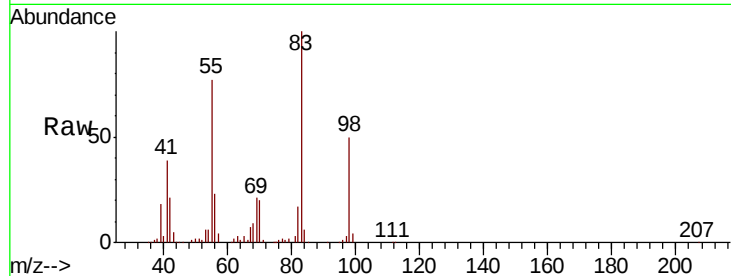
#39
Methvlcvclohexane
Concen: 21.153 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	58.2	87.4
98	49.5	39.8	59.6

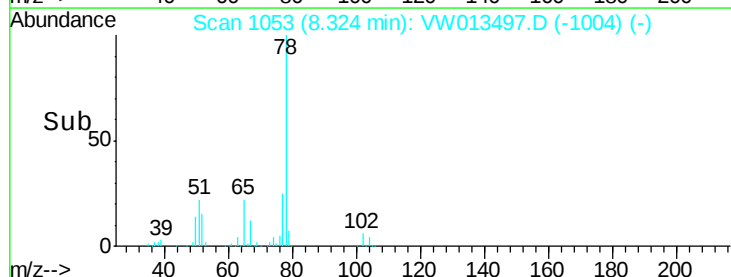
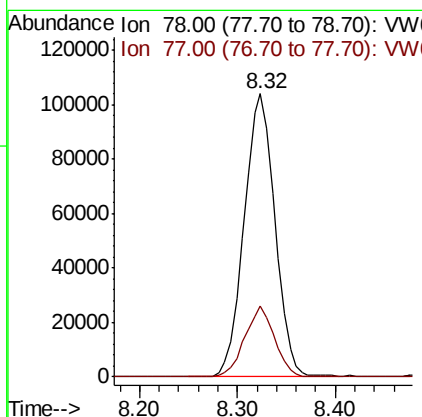
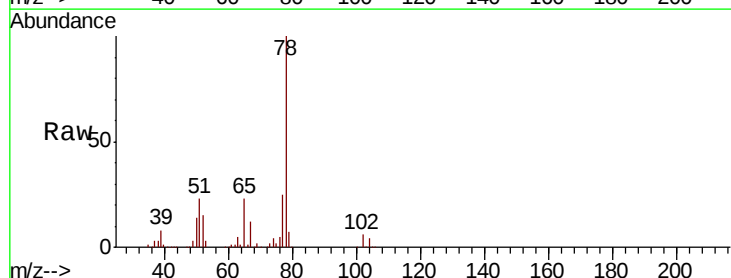
Manual Integrations
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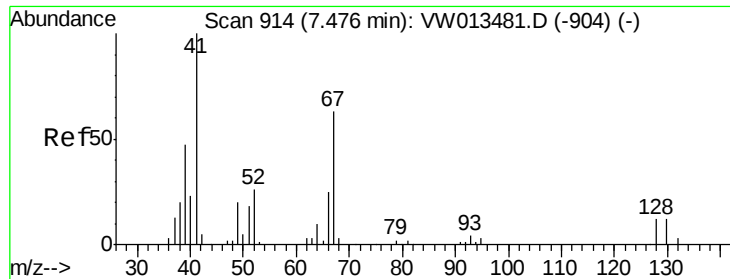
MMDadoda
10/11/2019 4:40:34 PM



#40
Benzene
Concen: 20.381 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8





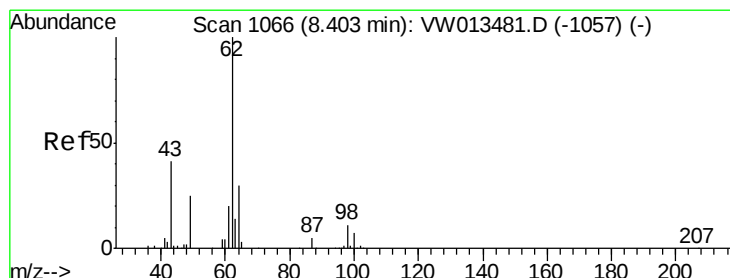
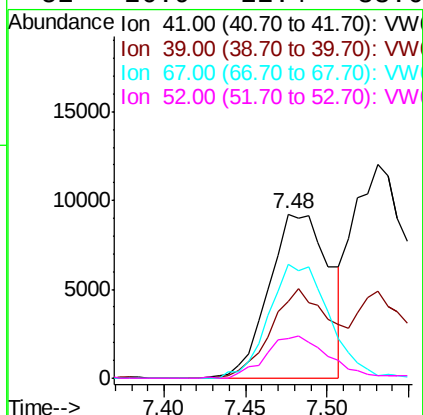
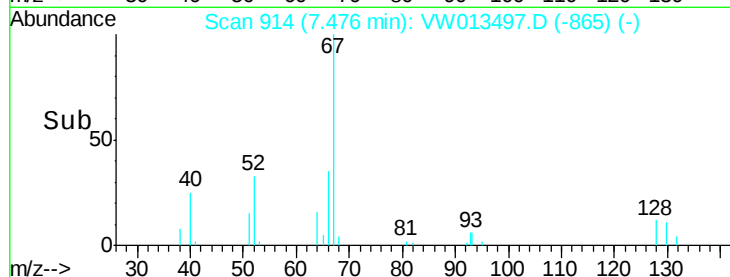
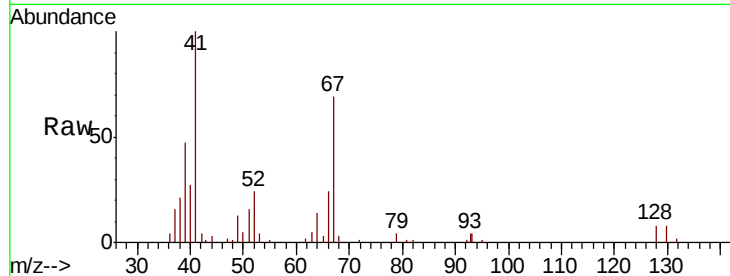
#41
Methacrylonitrile
Concen: 23.192 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	41	Resp	23850
Ion	Ratio	Lower	Upper
41	100		
39	55.1	39.4	59.0
67	69.2	57.0	85.6
52	26.9	22.4	33.6

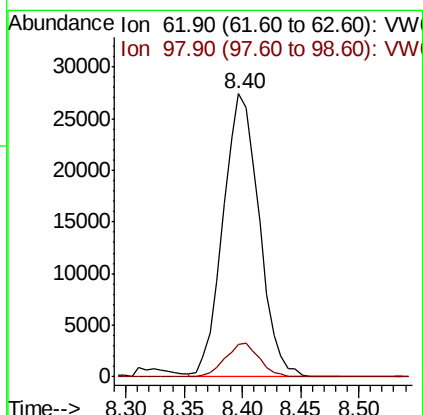
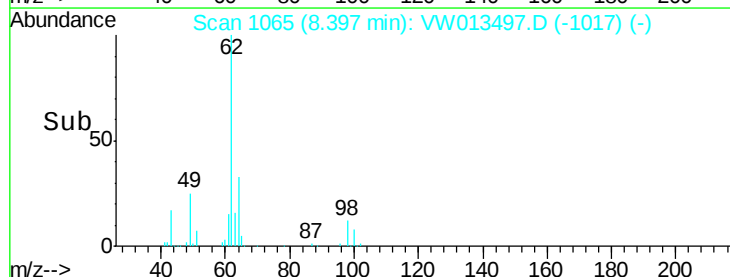
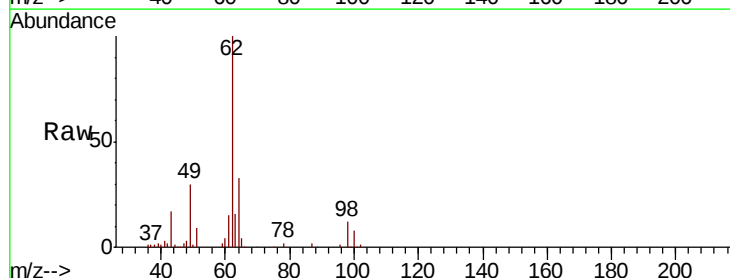
Manual Integrations
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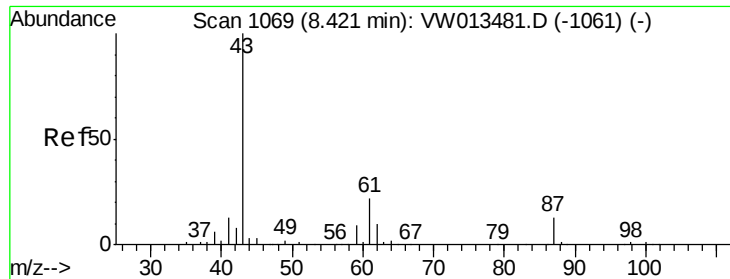
MMDadoda
10/11/2019 4:40:34 PM



#42
1,2-Dichloroethane
Concen: 20.966 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	62	Resp	58961
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.4





#43

Isopropyl Acetate

Concen: 21.903 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

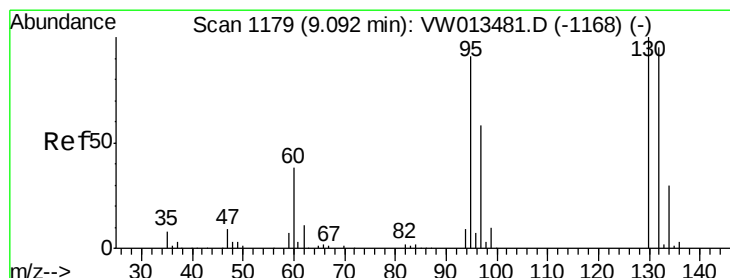
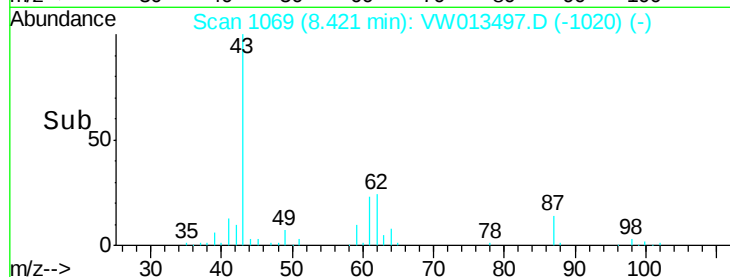
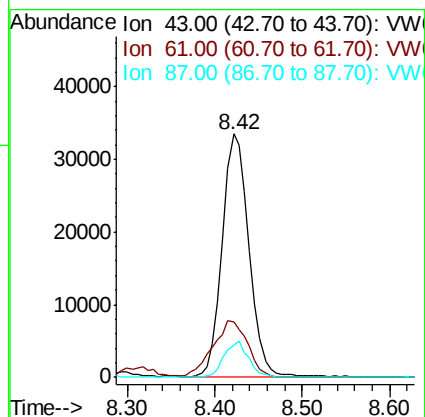
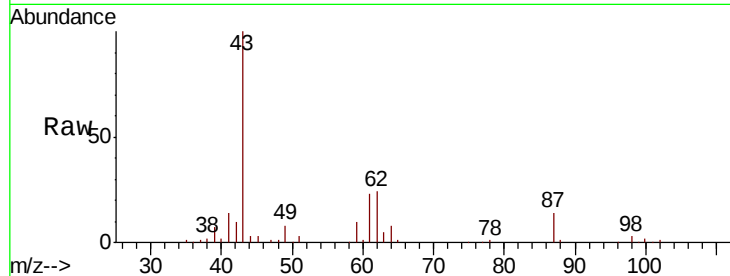
ClientSampleId :

VW1009SBS01

Tot Ion:	43	Resp:	71561
Ion	Ratio	Lower	Upper
43	100		
61	29.6	25.4	38.2
87	13.7	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 20.817 ug/l

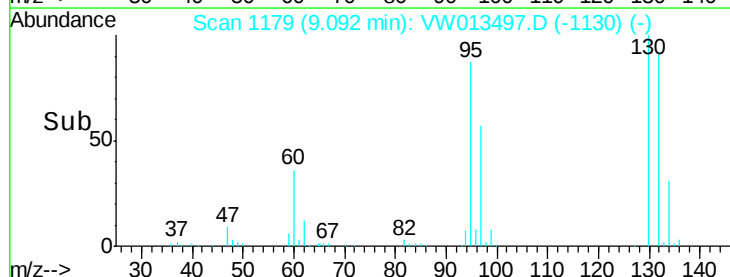
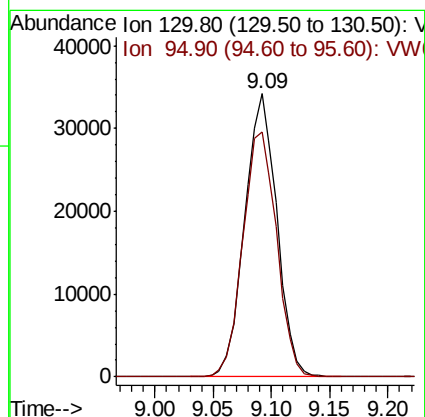
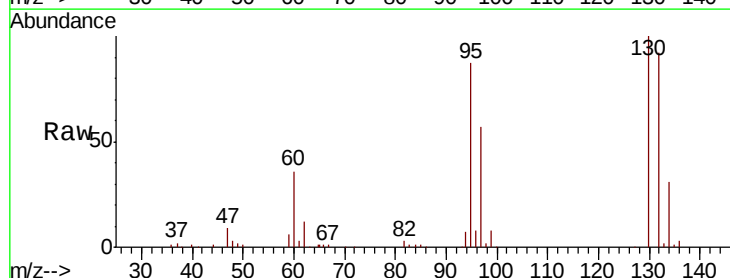
RT: 9.09 min Scan# 1179

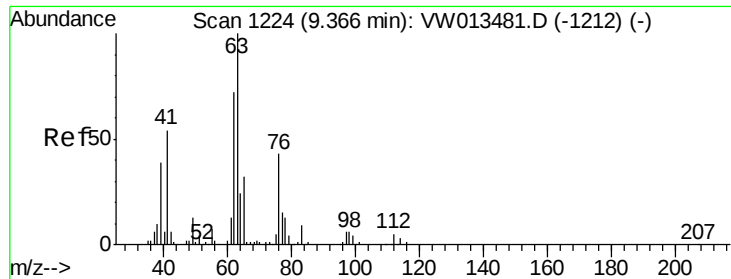
Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	130	Resp:	66075
Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	182.2





#45

1,2-Dichloropropane

Concen: 20.322 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 63 Resp: 54268

Ion Ratio Lower Upper

63 100

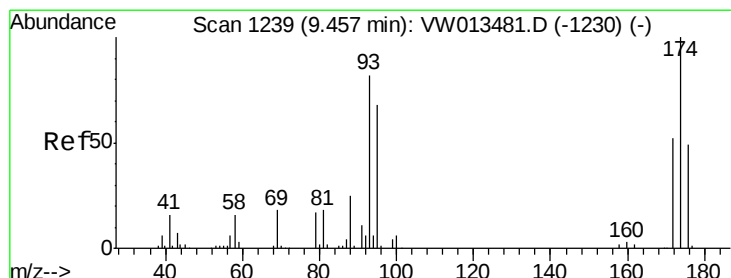
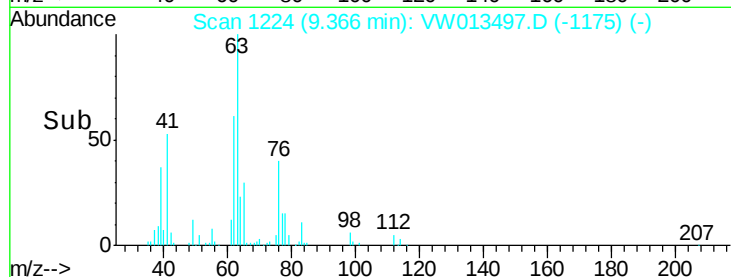
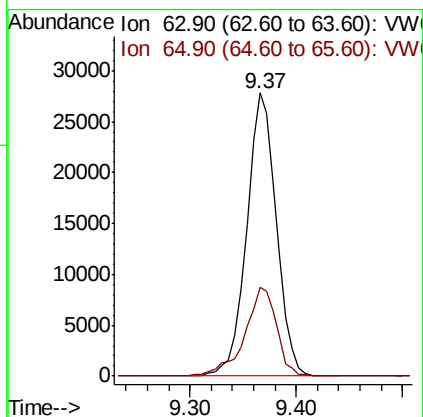
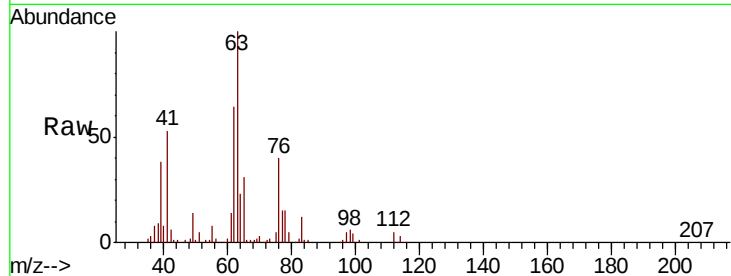
65 31.3 25.8 38.6

Manual Integrations

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#46

Dibromomethane

Concen: 21.231 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

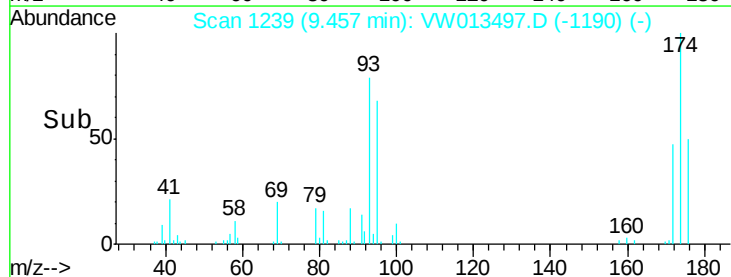
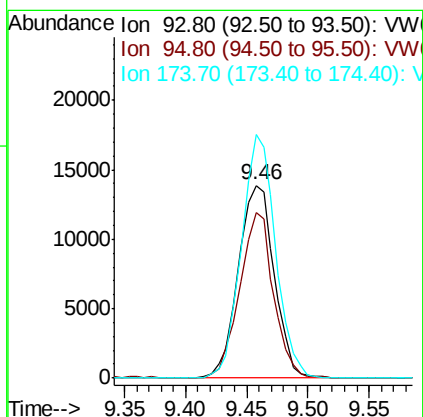
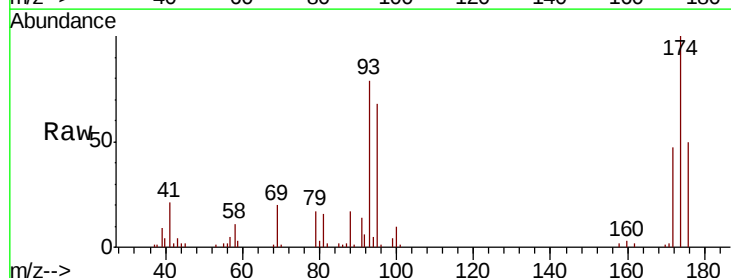
Tgt Ion: 93 Resp: 28245

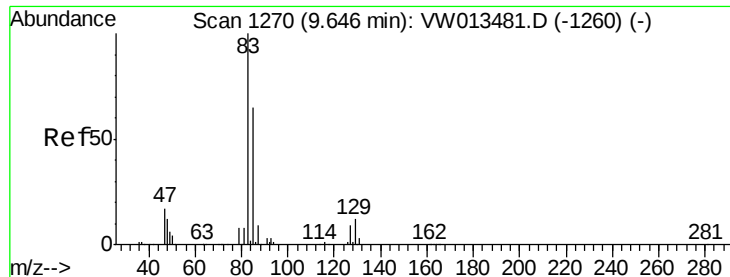
Ion Ratio Lower Upper

93 100

95 80.9 68.0 102.0

174 120.4 97.0 145.6





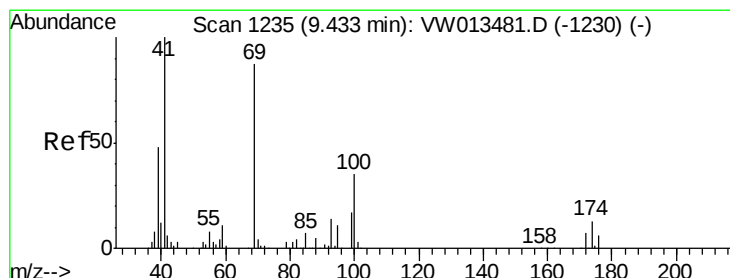
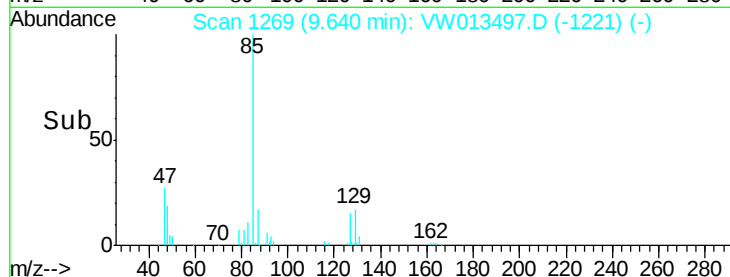
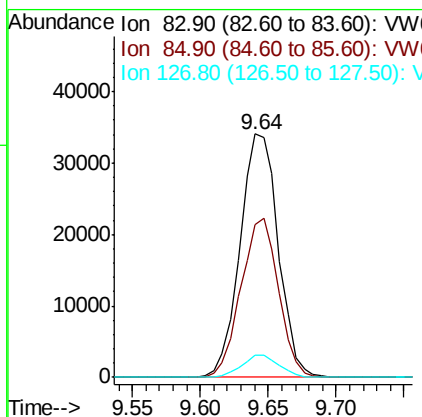
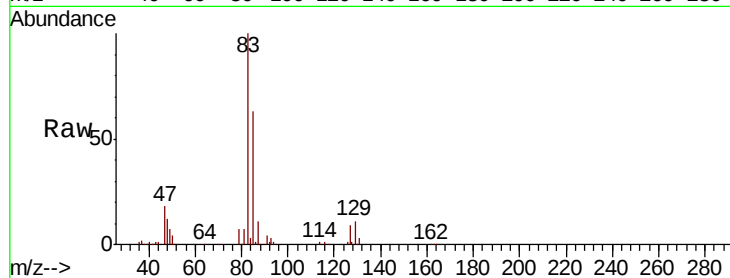
#47
Bromodichloromethane
Concen: 20.250 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	66967		
85	62.6		51.9	77.9
127	9.3		7.4	11.2

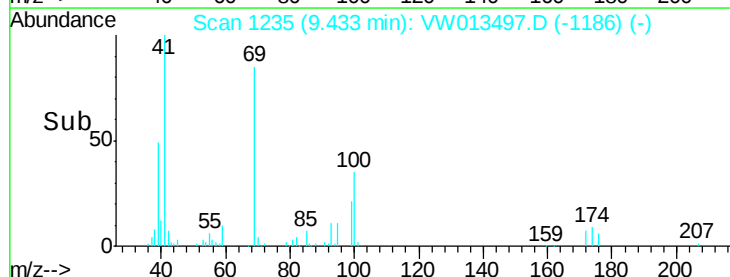
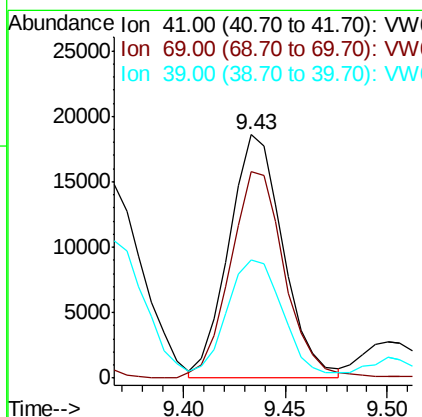
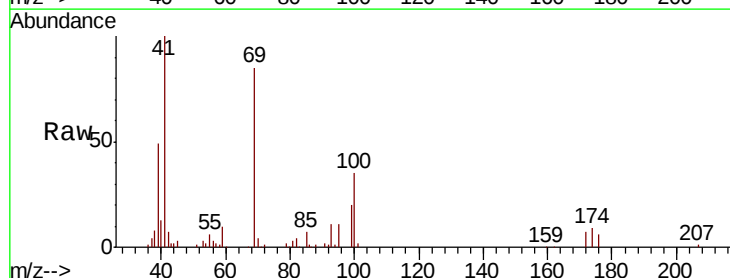
Manual Integrations
APPROVED

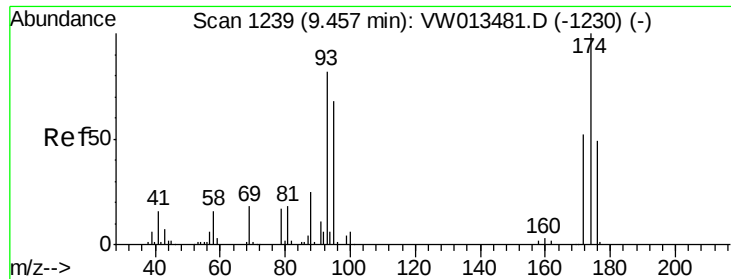
MMDadoda
10/11/2019 4:40:34 PM



#48
Methyl methacrylate
Concen: 21.332 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	34331		
69	85.7		70.4	105.6
39	46.3		37.3	55.9





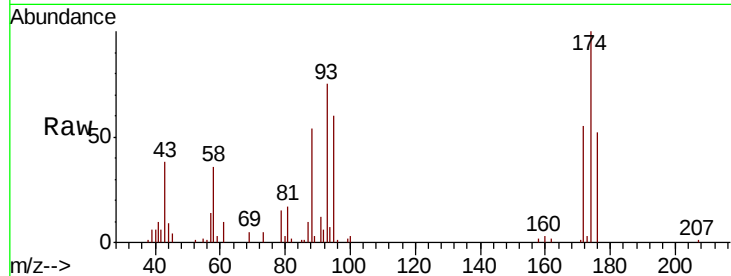
#49
1,4-Dioxane
Concen: 465.027 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.02 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	10863		
43	0.0	0.0	0.0	0.0
58	70.1	60.0	90.0	

Manual Integrations
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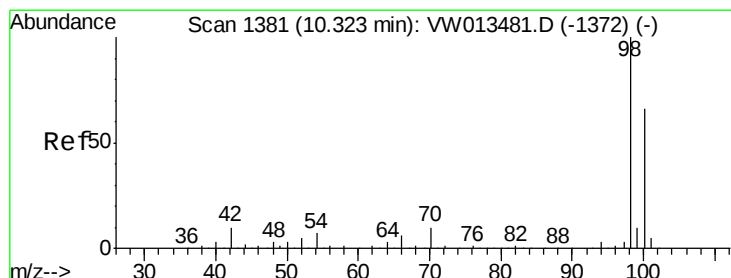
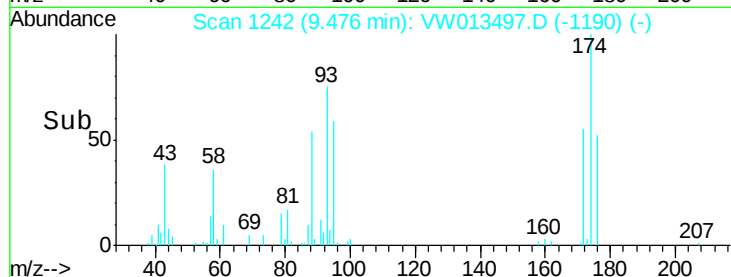
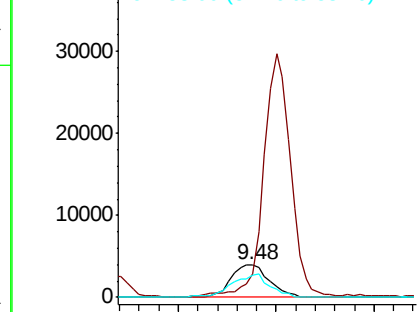


Abundance

Ion 88.00 (87.70 to 88.70): VW

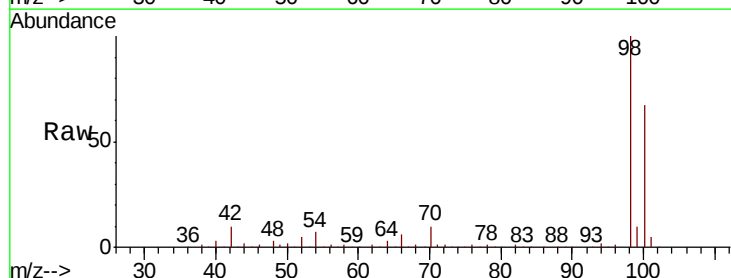
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 49.908 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

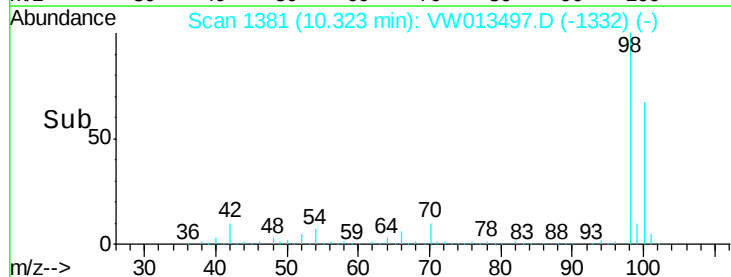
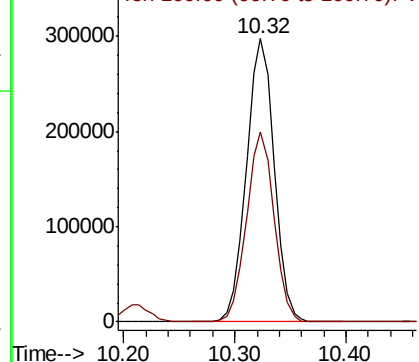
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	516122		
100	66.4	53.2	79.8	

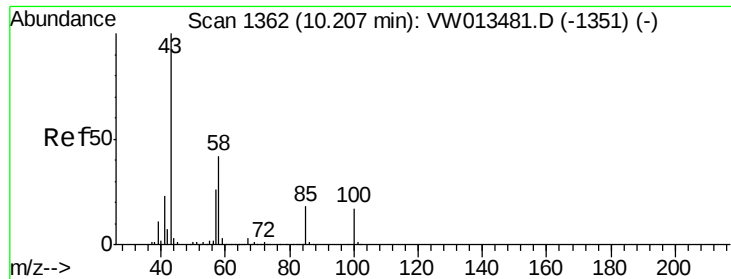


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 108.921 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 43 Resp: 187090

Ion Ratio Lower Upper

43 100

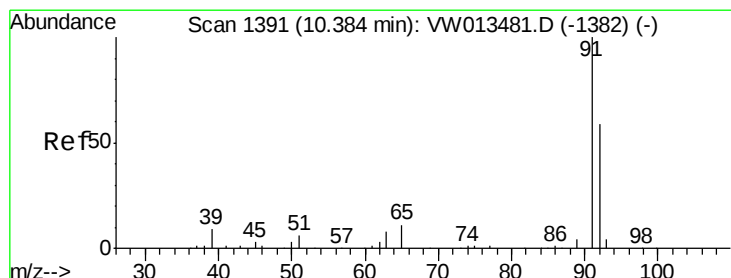
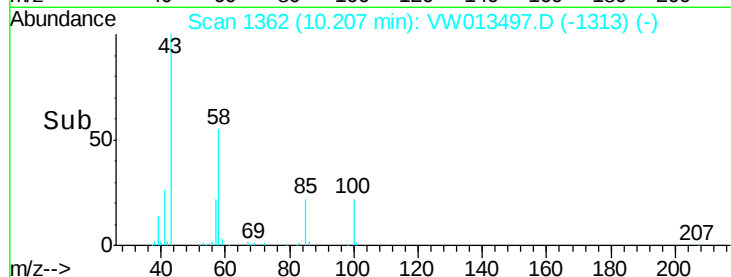
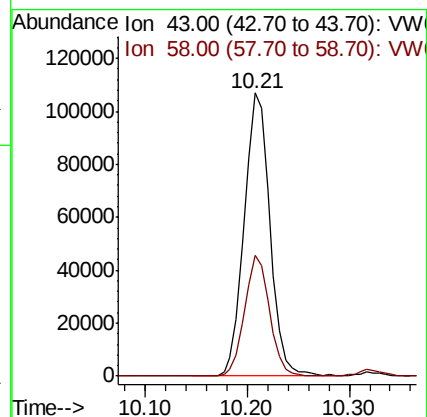
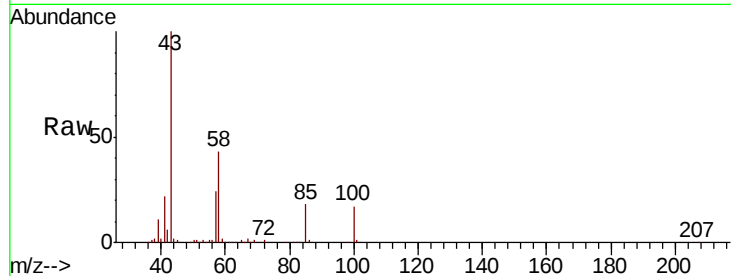
58 41.2 32.8 49.2

Manual Integrations

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#52

Toluene

Concen: 20.598 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013497.D

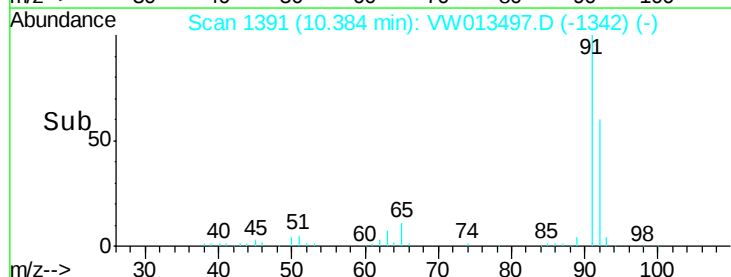
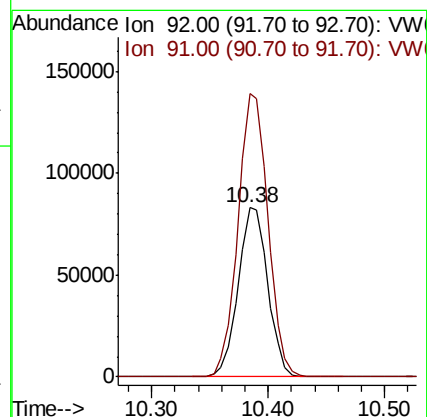
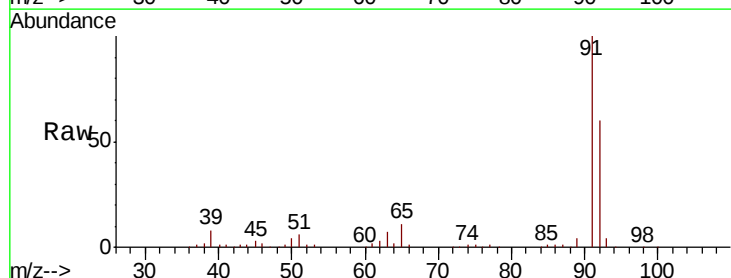
Acq: 09 Oct 2019 12:17

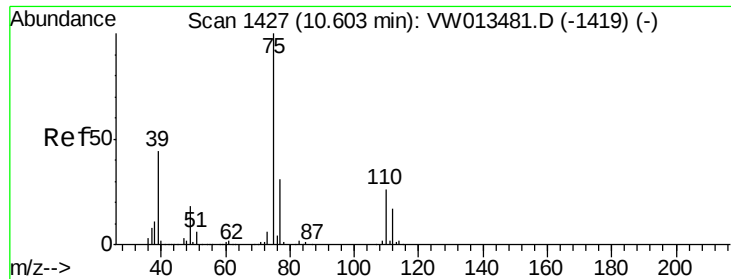
Tgt Ion: 92 Resp: 147624

Ion Ratio Lower Upper

92 100

91 169.2 134.8 202.2





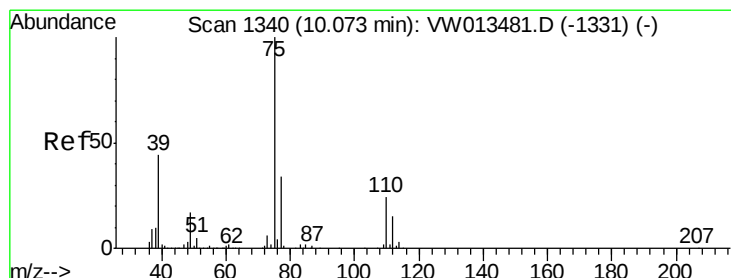
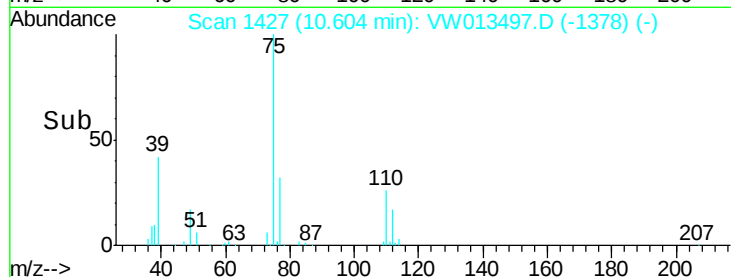
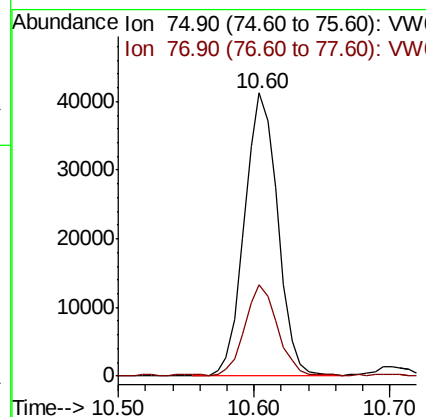
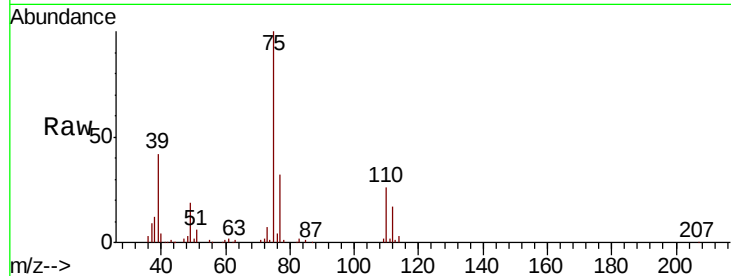
#53
t-1,3-Dichloropropene
Concen: 20.543 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion: 75 Resp: 70594
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

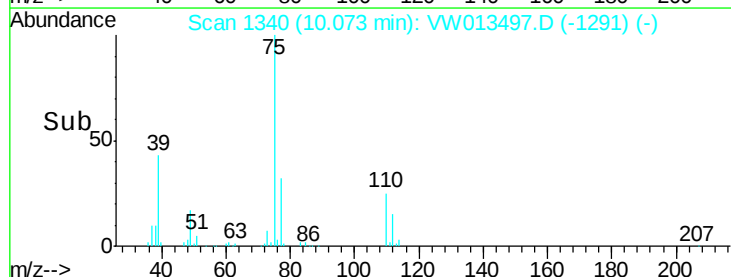
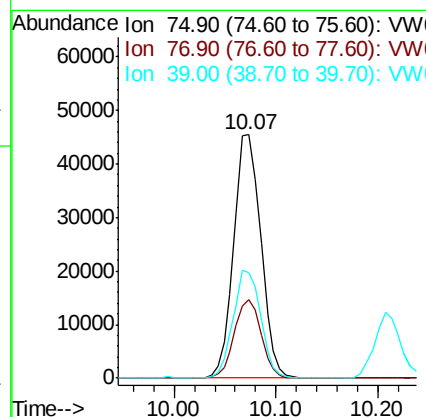
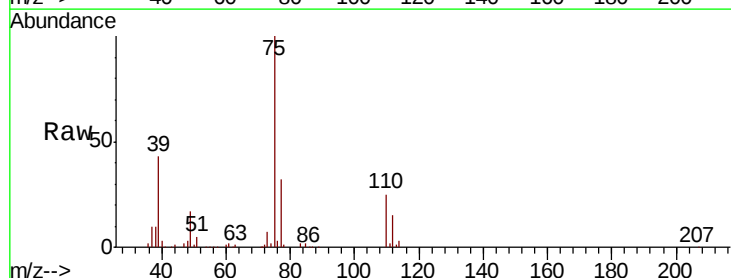
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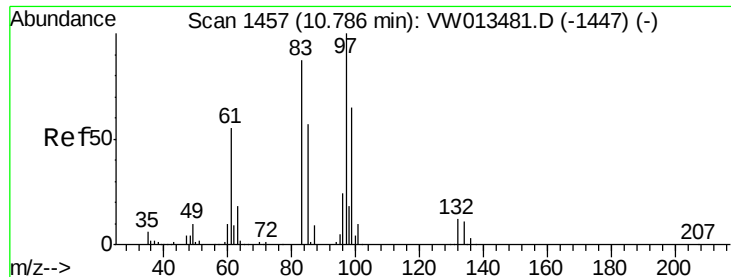
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10/11/2019 4:40:34 PM



#54
cis-1,3-Dichloropropene
Concen: 20.141 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion: 75 Resp: 83850
Ion Ratio Lower Upper
75 100
77 32.3 27.0 40.4
39 43.1 35.0 52.4





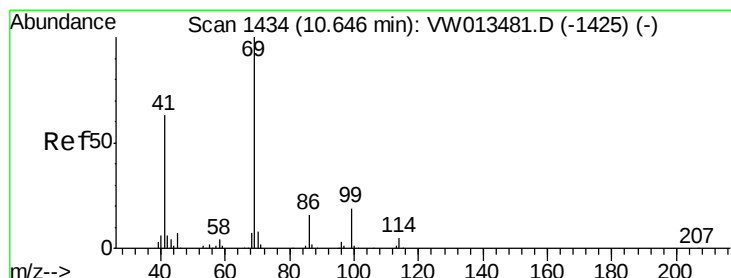
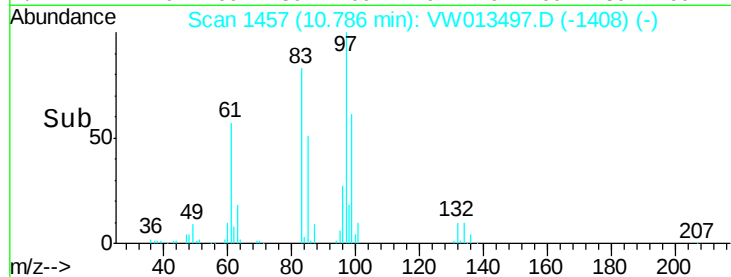
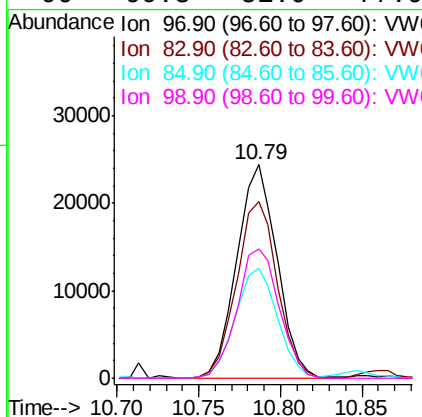
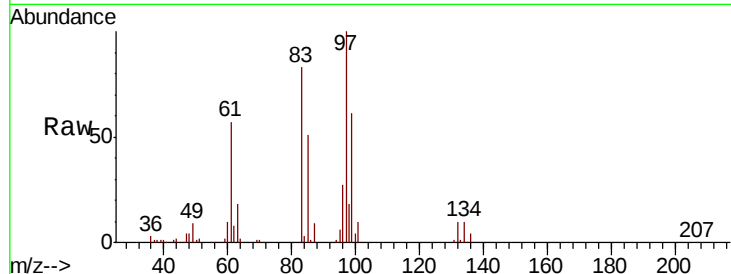
#55
 1,1,2-Trichloroethane
 Concen: 21.012 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion:	97	Resp:	41958
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	51.5	45.4	68.0
99	60.8	51.9	77.9

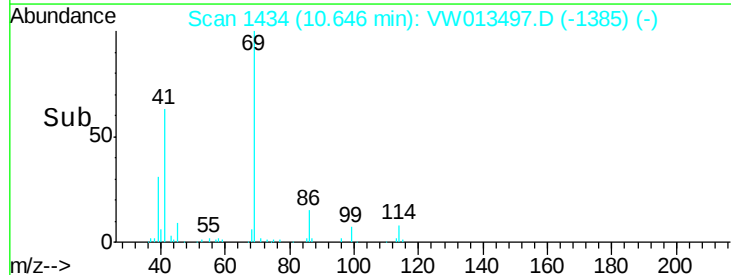
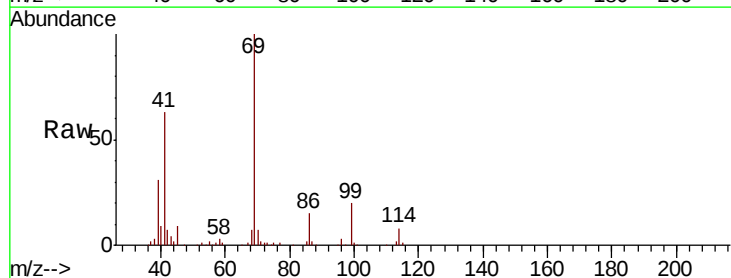
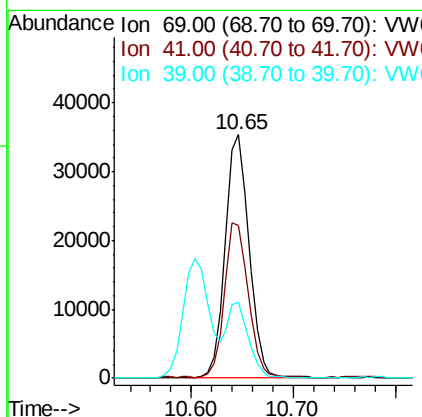
Manual Integrations
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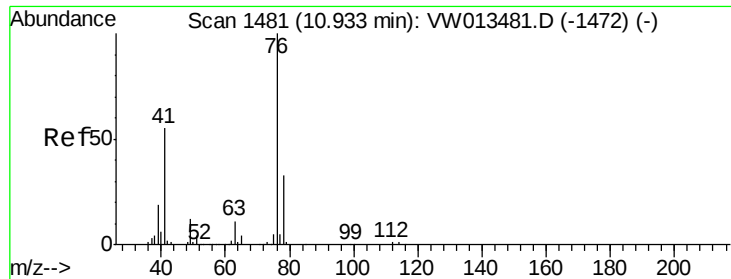
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 10/11/2019 4:40:34 PM



#56
 Ethyl methacrylate
 Concen: 21.393 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion:	69	Resp:	57536
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.8	77.6
39	28.7	21.7	32.5





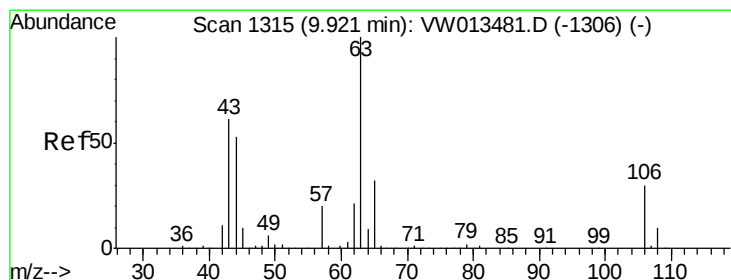
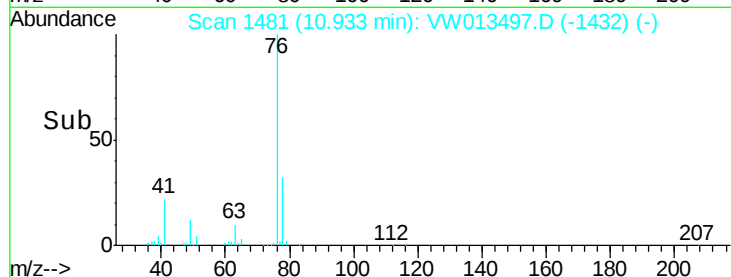
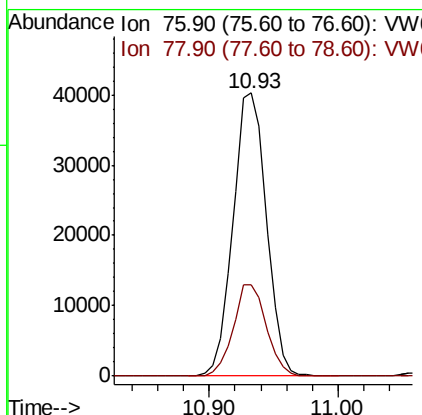
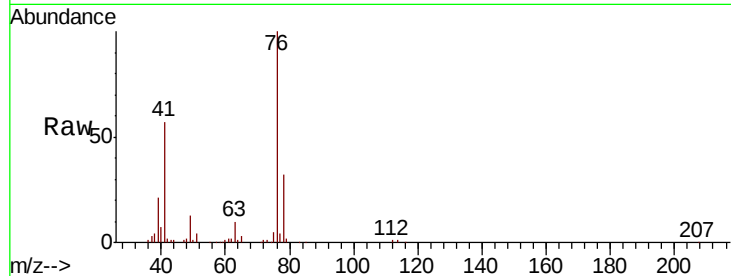
#57
 1,3-Dichloropropane
 Concen: 21.123 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion: 76 Resp: 72428
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9

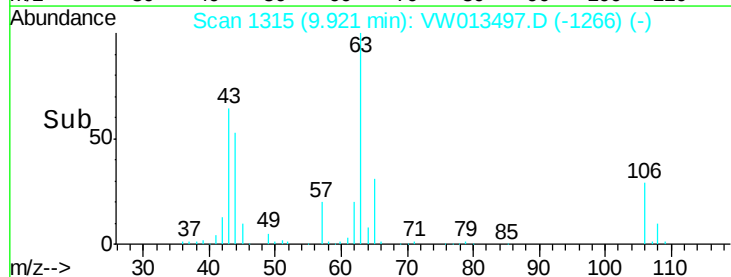
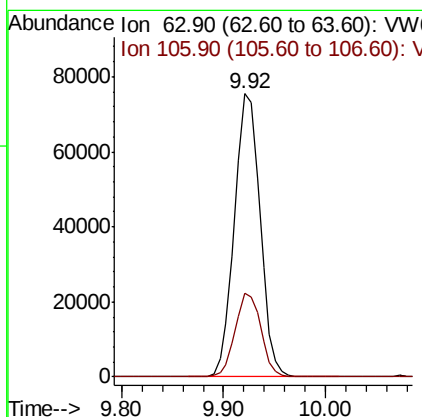
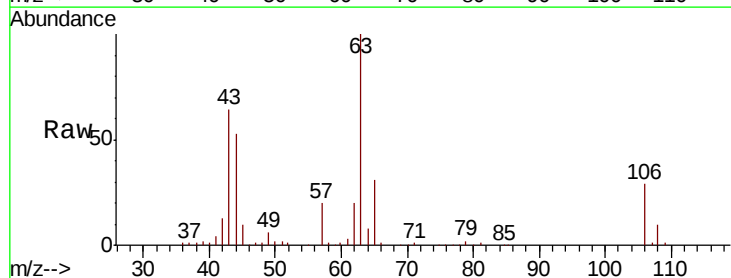
Manual Integrations
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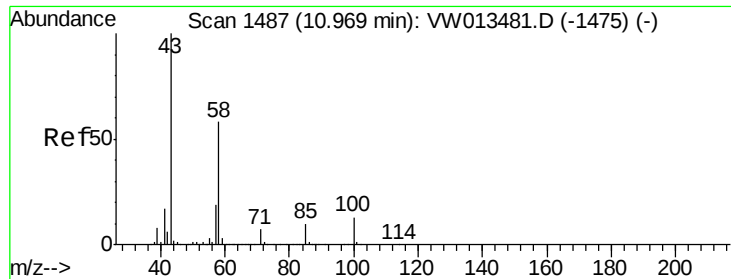
MMDadoda
 10/11/2019 4:40:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.713 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion: 63 Resp: 131596
 Ion Ratio Lower Upper
 63 100
 106 29.4 24.5 36.7





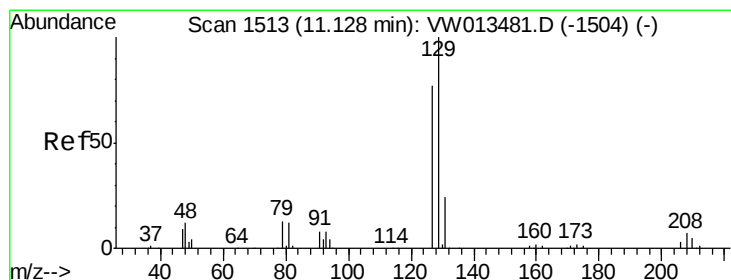
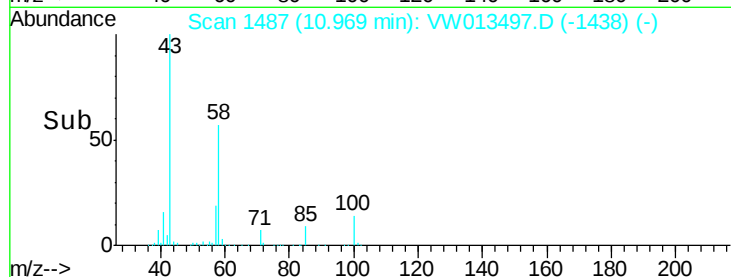
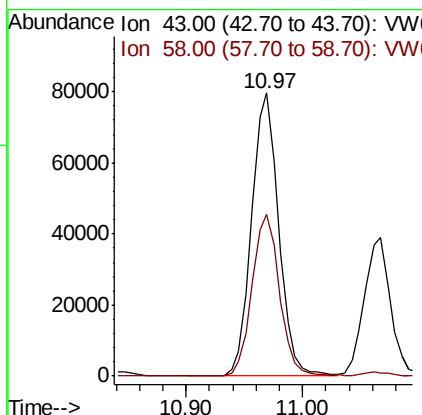
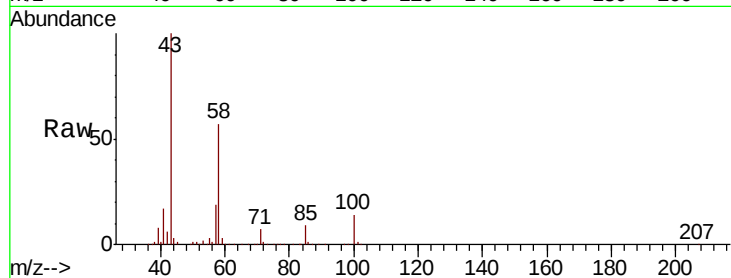
#59
2-Hexanone
Concen: 110.452 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion: 43 Resp: 130095
Ion Ratio Lower Upper
43 100
58 57.5 28.4 85.2

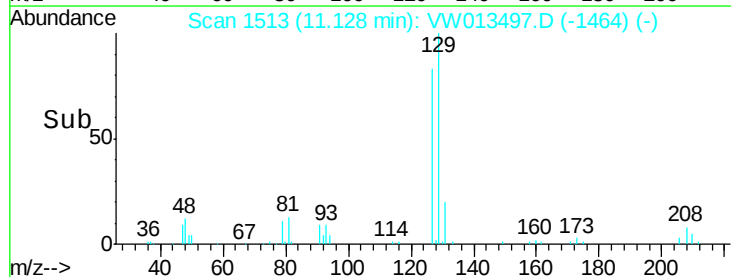
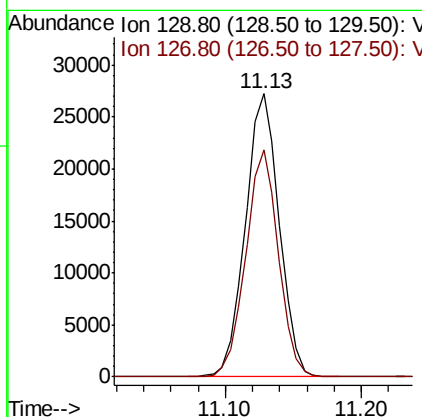
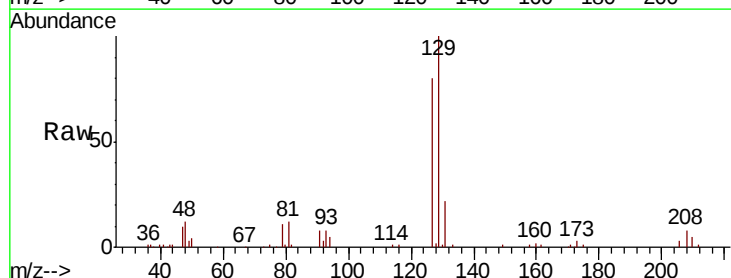
Manual Integrations
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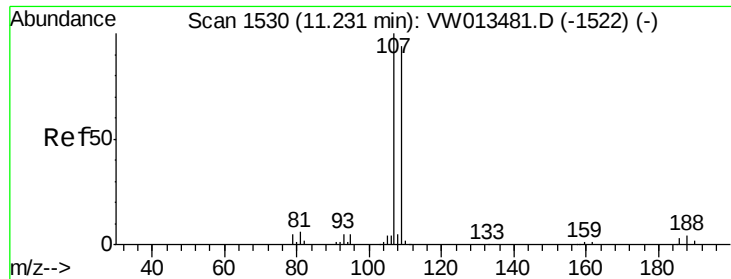
MMDadoda
10/11/2019 4:40:34 PM



#60
Dibromochloromethane
Concen: 20.661 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion: 129 Resp: 47446
Ion Ratio Lower Upper
129 100
127 77.4 37.4 112.1





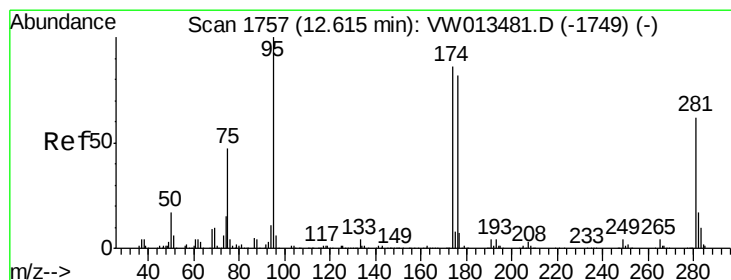
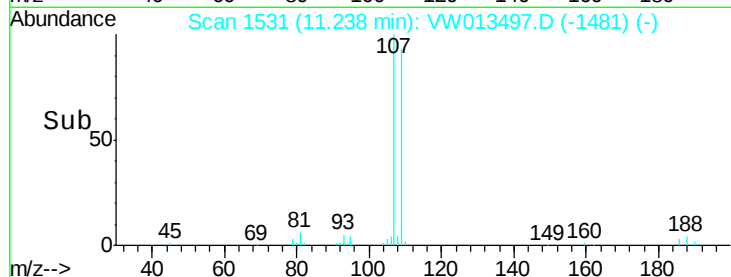
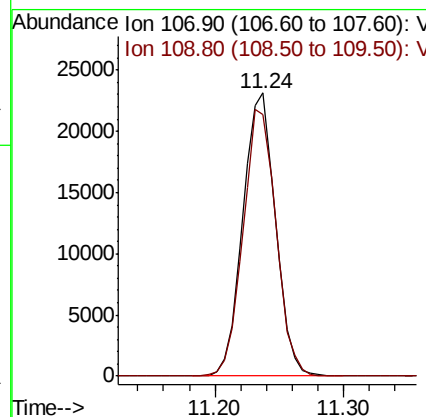
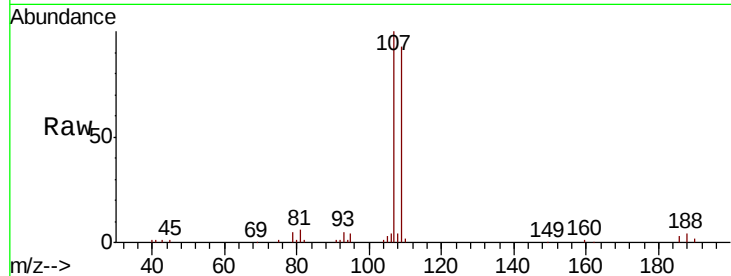
#61
 1,2-Dibromoethane
 Concen: 21.325 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion: 107 Resp: 40503
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.6 115.0

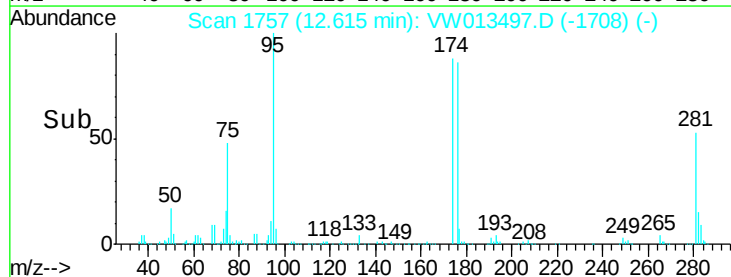
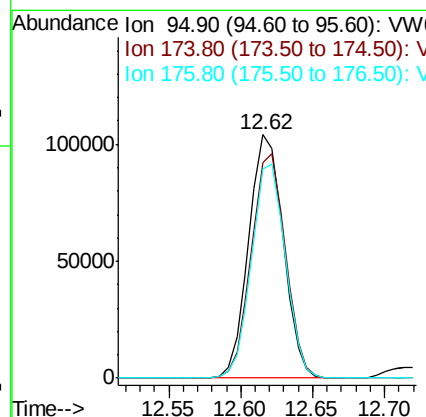
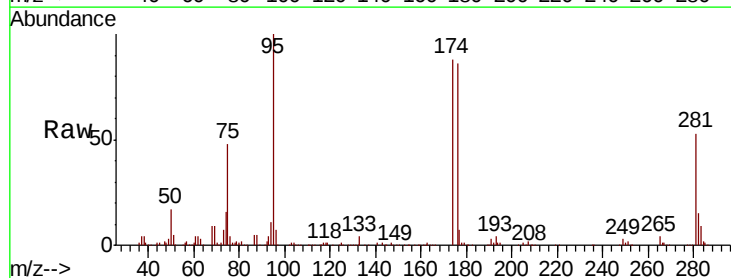
Manual Integrations
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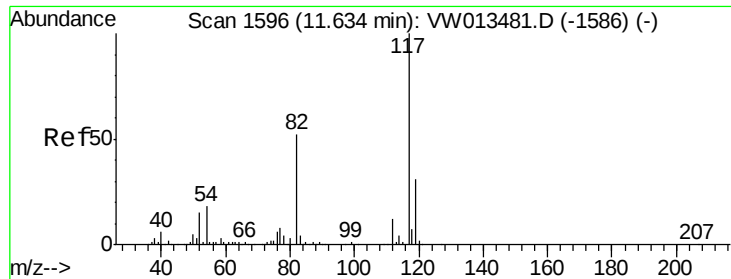
MMDadoda
 10/11/2019 4:40:34 PM



#62
 4-Bromofluorobenzene
 Concen: 49.733 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion: 95 Resp: 172776
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 177.4
 176 86.6 0.0 173.4





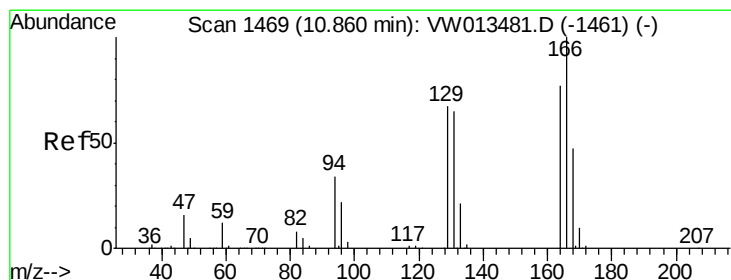
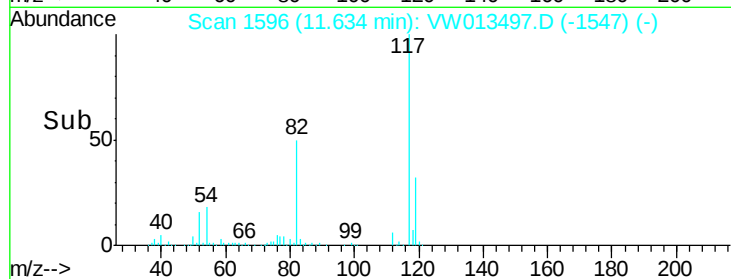
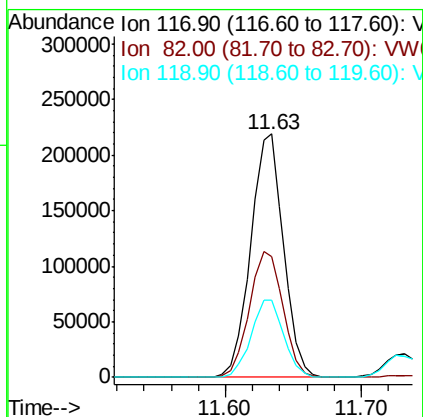
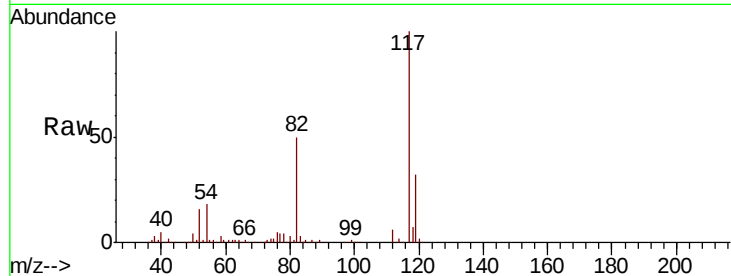
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369671		
82	49.8		41.4	62.2
119	31.9		25.1	37.7

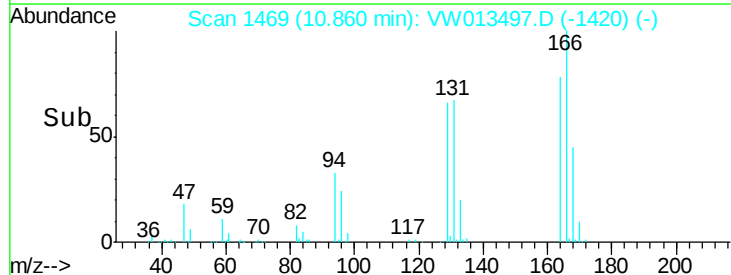
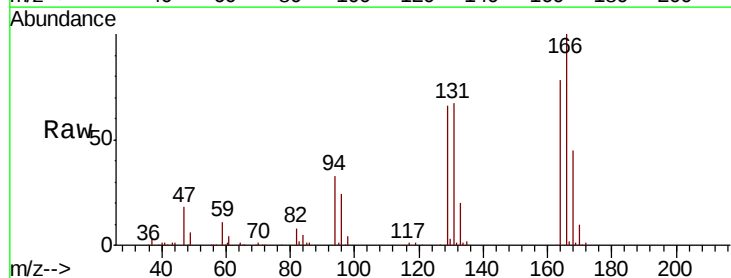
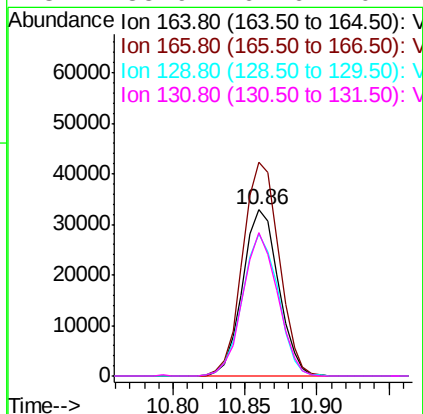
Manual Integrations
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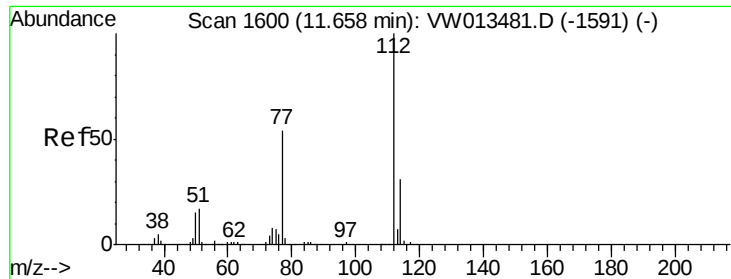
MMDadoda
10/11/2019 4:40:34 PM



#64
Tetrachloroethene
Concen: 20.886 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56826		
166	128.5		104.6	156.8
129	85.4		70.2	105.2
131	85.9		67.6	101.4





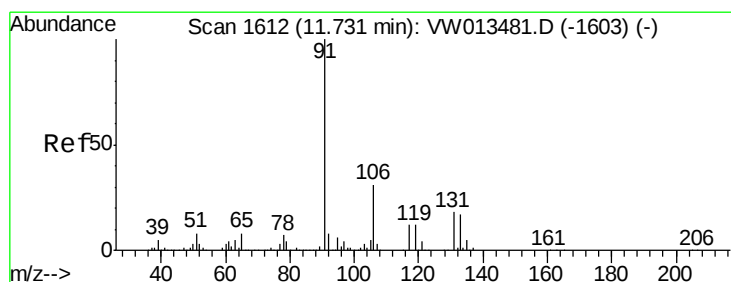
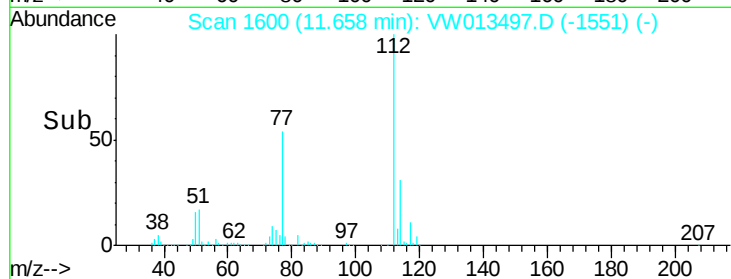
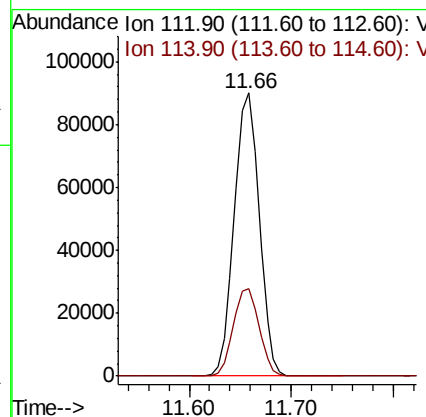
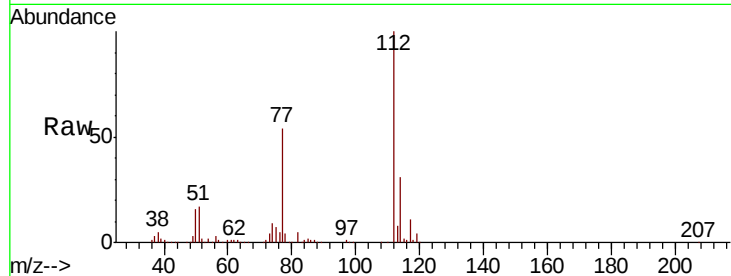
#65
Chlorobenzene
Concen: 20.826 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.6	37.0

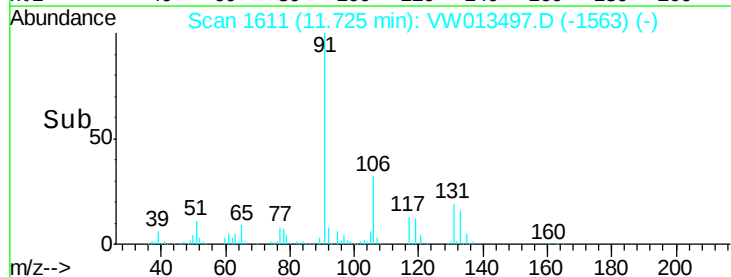
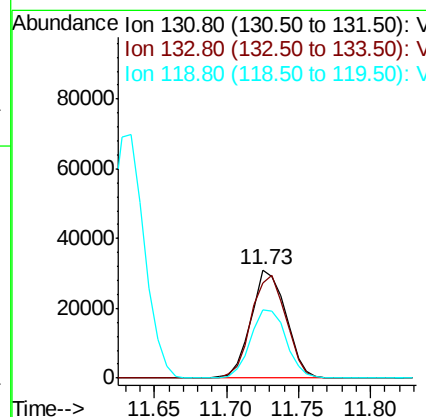
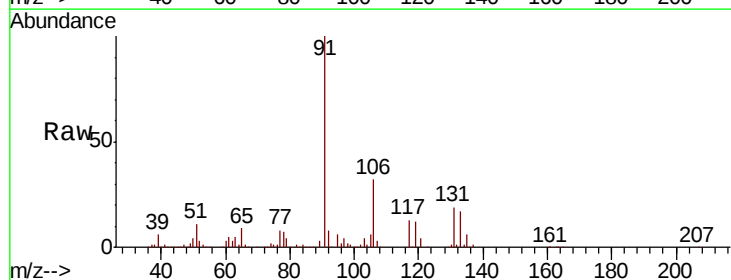
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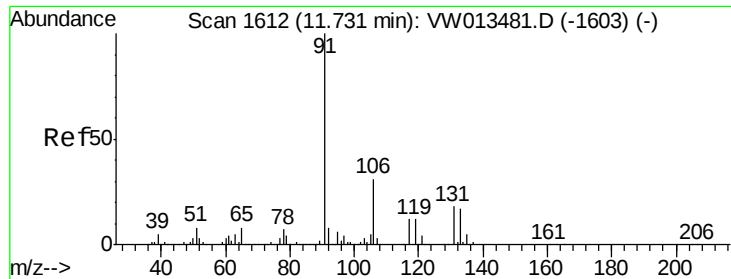
MMDadoda
10/11/2019 4:40:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.444 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.6	142.9
119	64.7	32.6	98.0





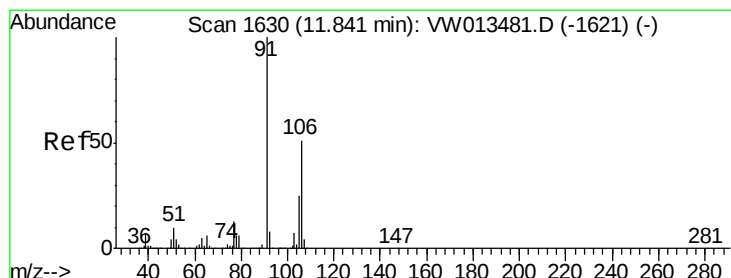
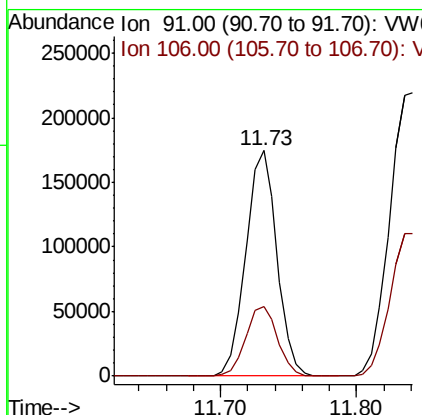
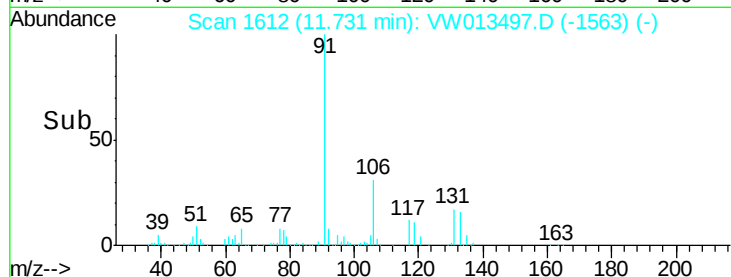
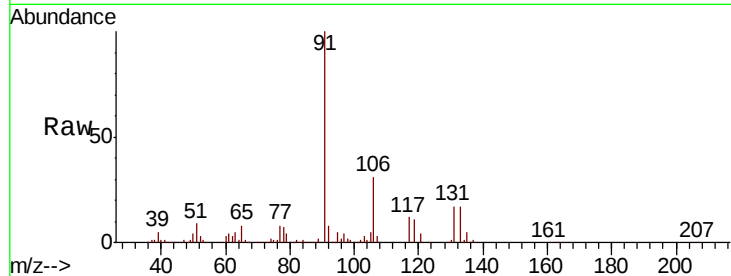
#67
Ethyl Benzene
Concen: 20.775 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion: 91 Resp: 278922
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2

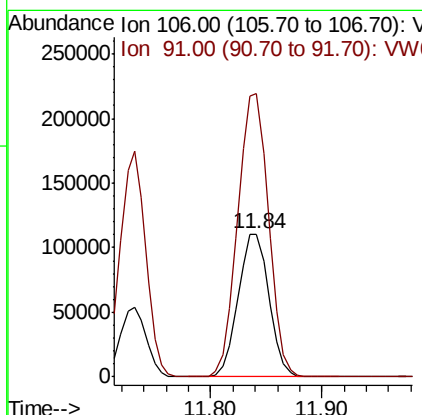
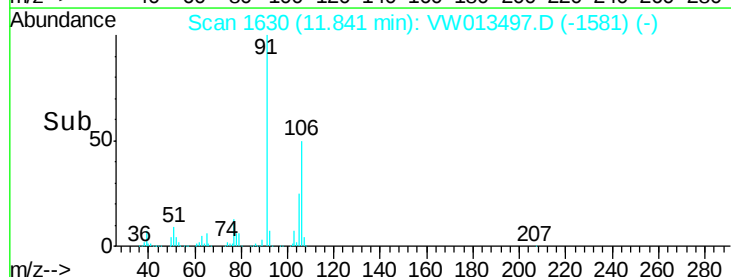
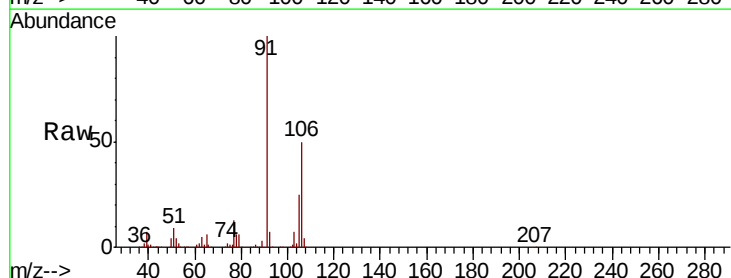
Manual Integrations
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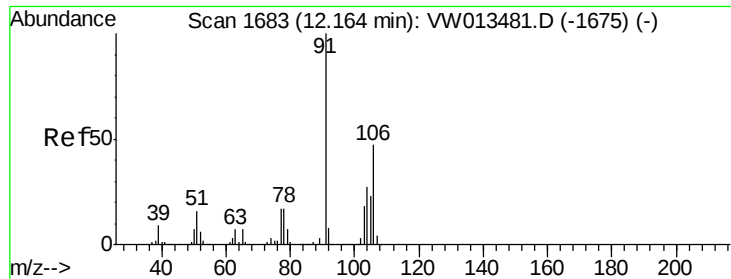
MMDadoda
10/11/2019 4:40:34 PM



#68
m/p-Xylenes
Concen: 41.595 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion: 106 Resp: 212478
Ion Ratio Lower Upper
106 100
91 198.2 156.2 234.4





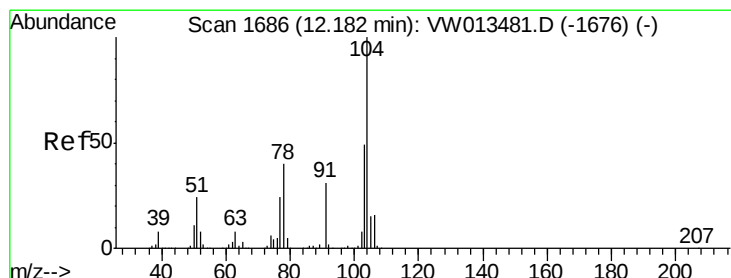
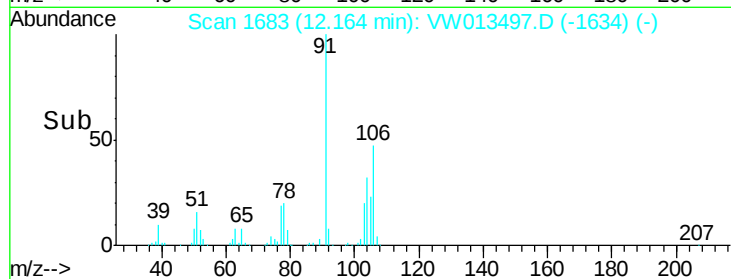
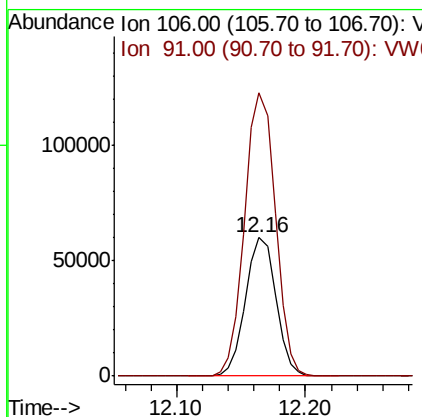
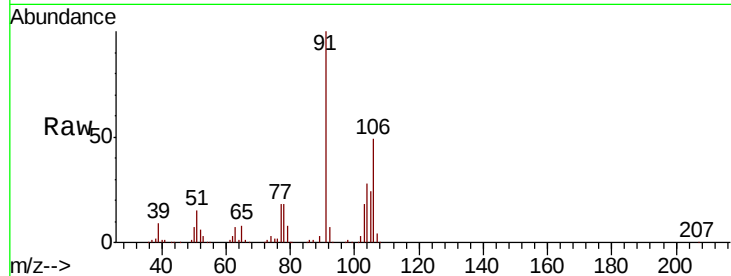
#69
o-Xylene
Concen: 20.784 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	98093		
91	91	207.1	105.0	315.0	

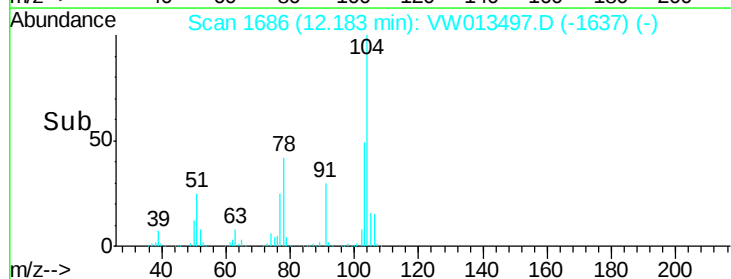
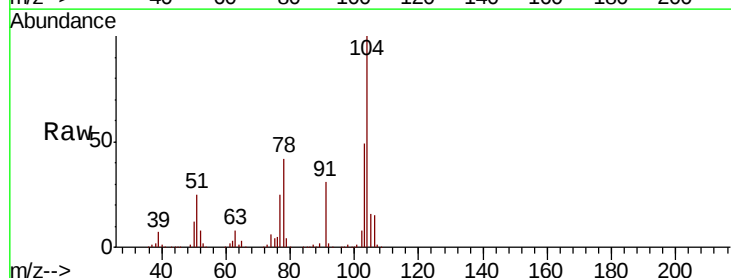
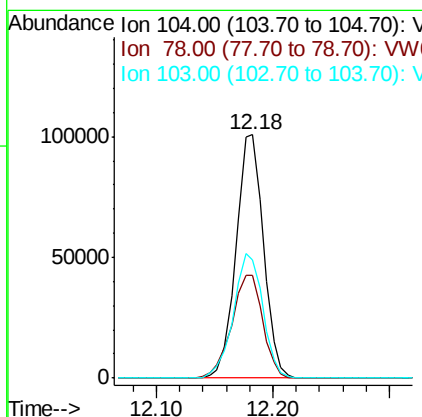
Manual Integrations
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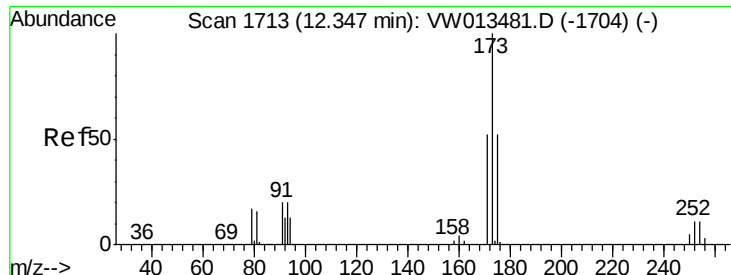
MMDadoda
10/11/2019 4:40:34 PM



#70
Styrene
Concen: 20.507 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	166180		
78	78	47.7	37.1	55.7	
103	103	54.9	43.2	64.8	





#71

Bromoform

Concen: 21.940 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

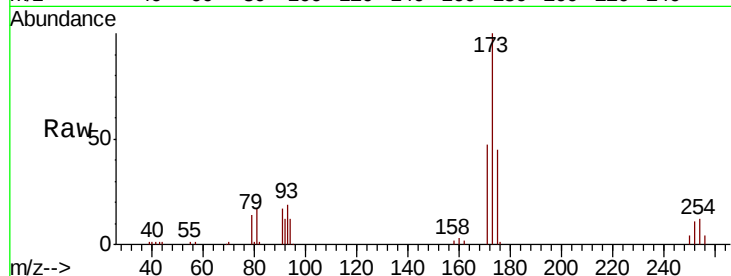
ClientSampleId :

VW1009SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.4	73.4
254	0.0	0.1	0.1

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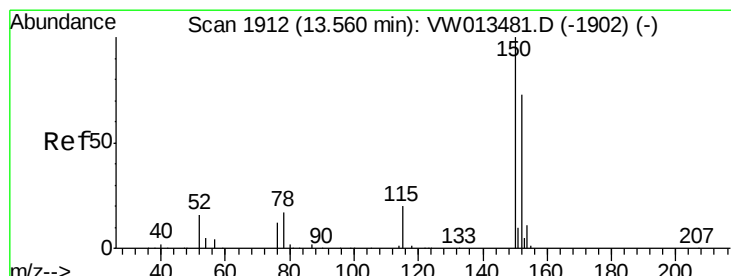
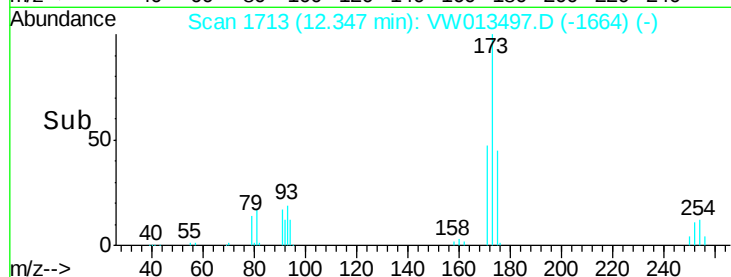
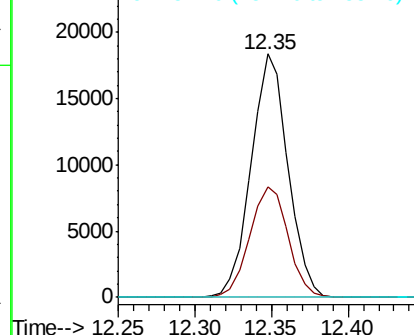


Abundance

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

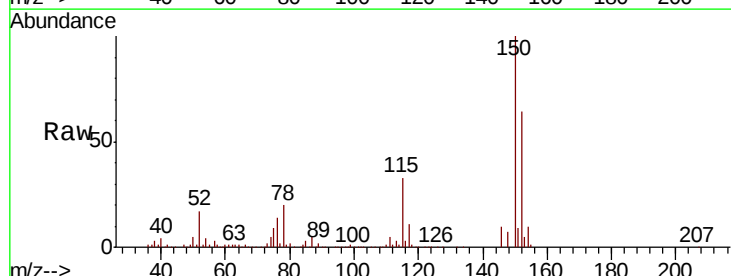
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.0	81.0
150	162.2	0.0	337.4

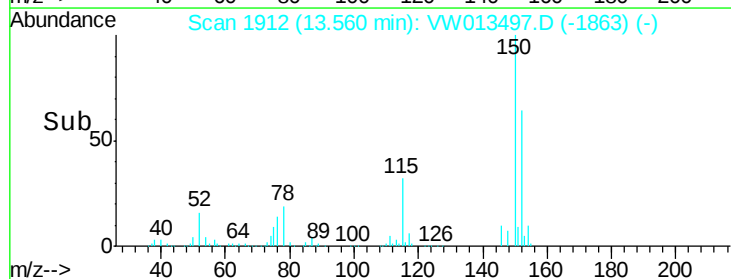
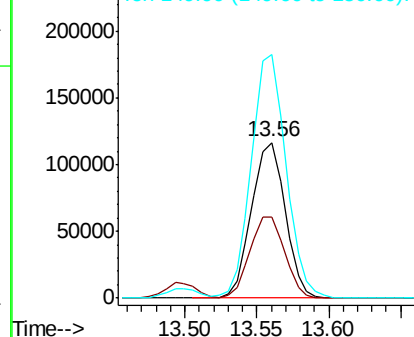


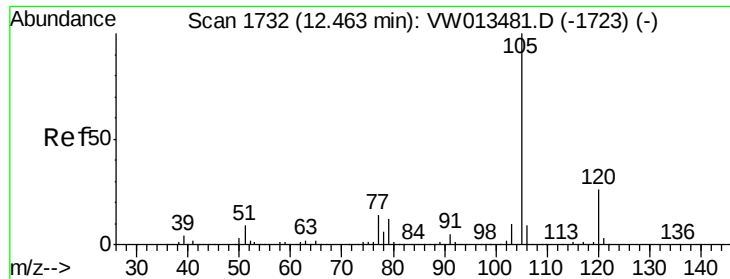
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.674 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW1009SBS01

Tot Ion: 105 Resp: 278449

Ion Ratio Lower Upper

105 100

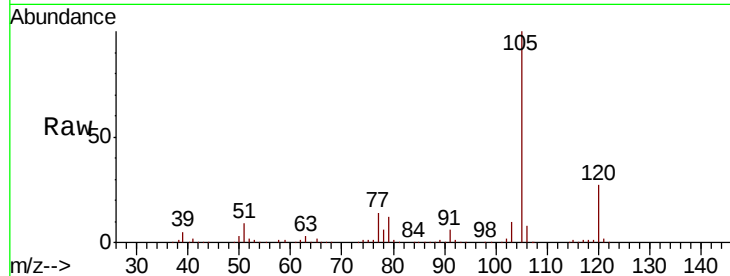
120 26.8 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

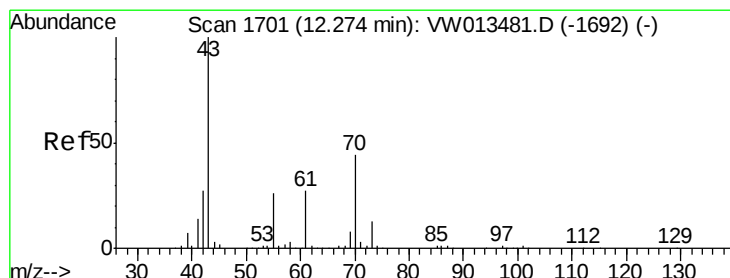
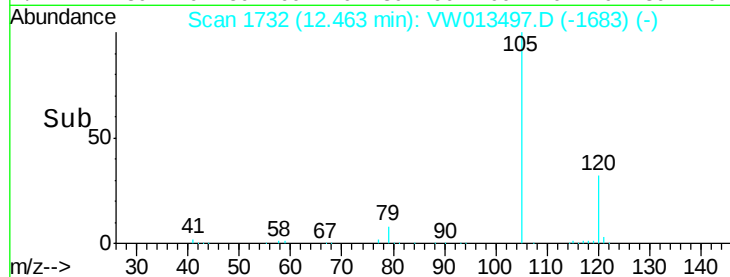
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.871 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion: 43 Resp: 61478

Ion Ratio Lower Upper

43 100

70 44.9 35.3 52.9

55 25.7 20.0 30.0

61 25.1 21.2 31.8

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

30000

20000

10000

0

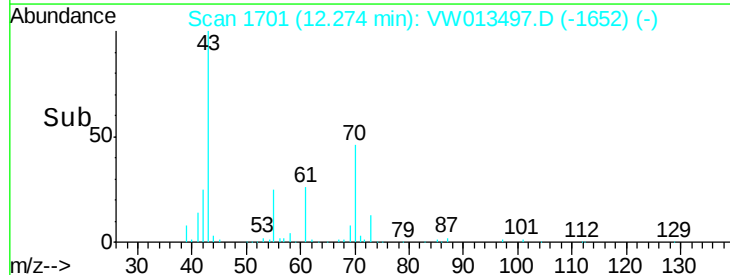
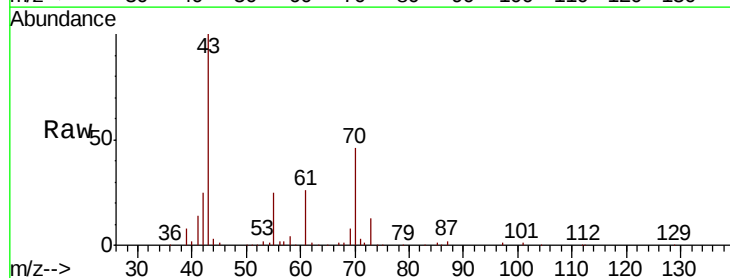
12.27

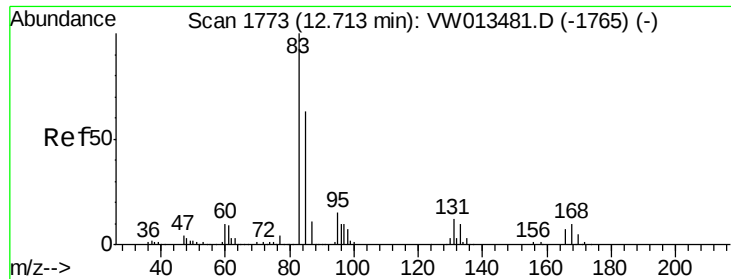
12.20

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.693 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

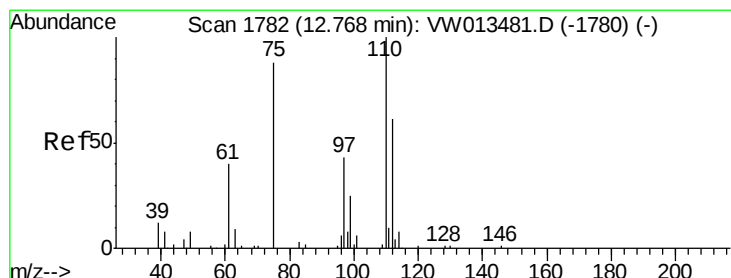
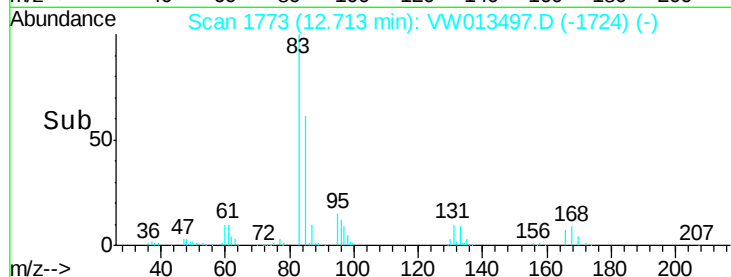
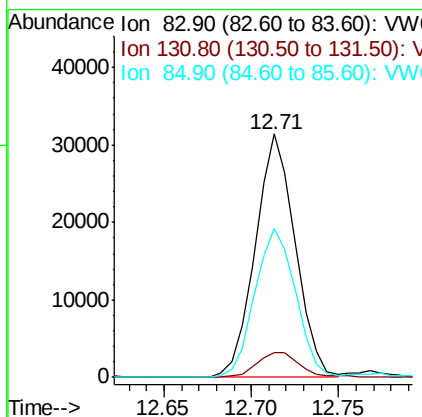
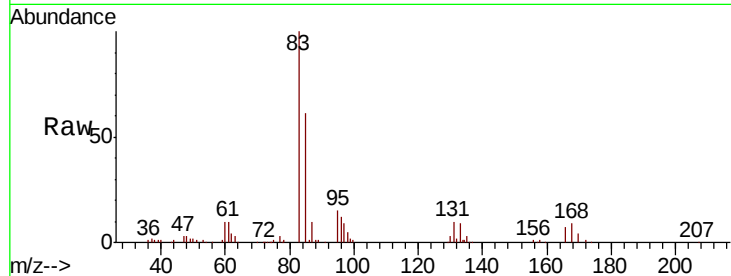
ClientSampleId :

VW1009SBS01

Tot Ion:	83	Resp:	49799
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.7
85	62.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.540 ug/l m

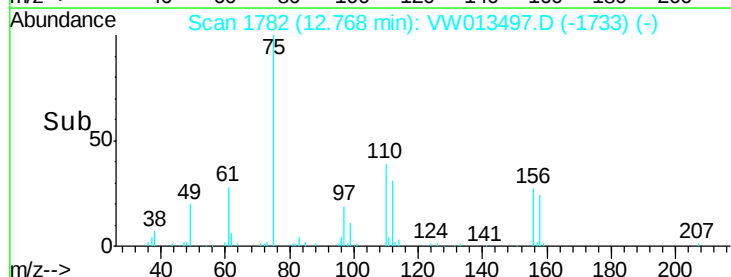
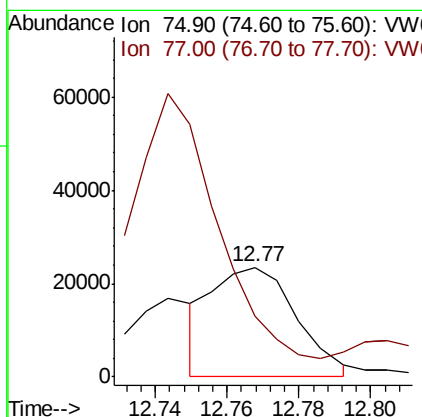
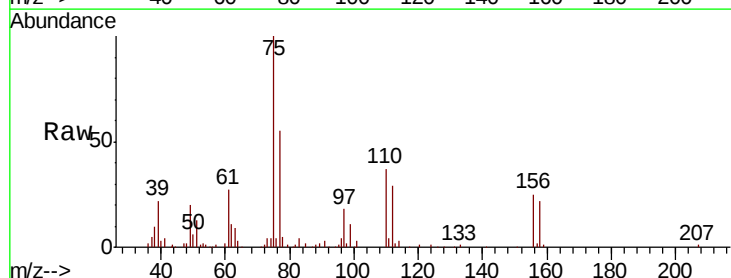
RT: 12.77 min Scan# 1782

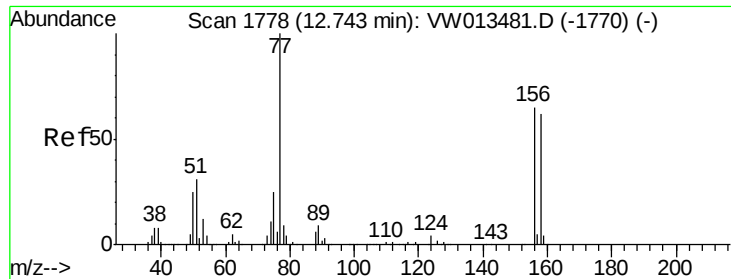
Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion:	75	Resp:	38429
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.556 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Instrument :

MSVOA_W

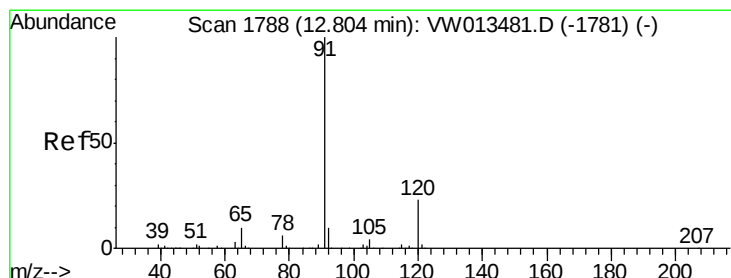
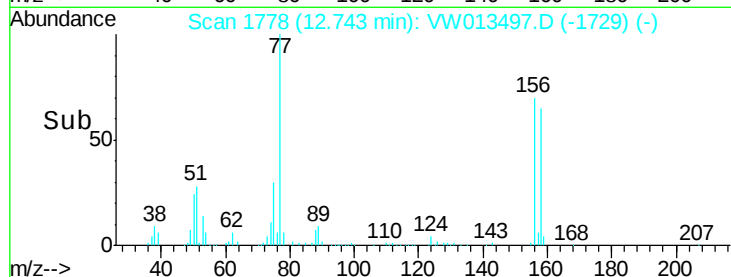
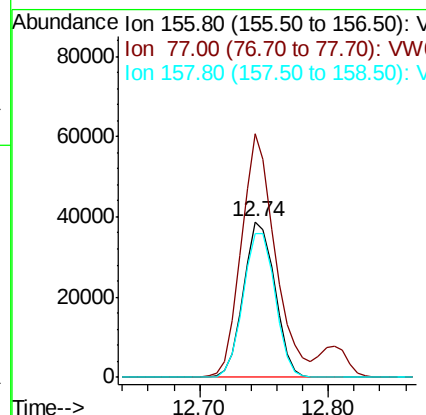
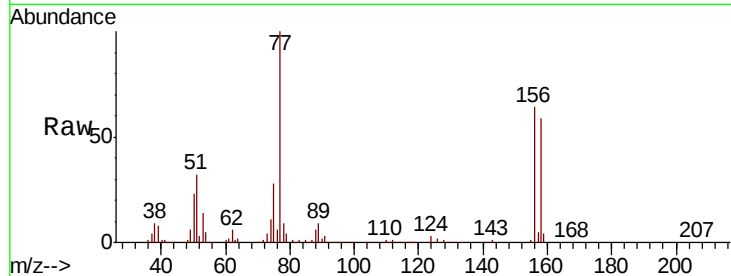
ClientSampleId :

VW1009SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	168.1	83.7	251.0	
158	94.0	49.0	147.0	

Manual Integrations
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#78

n-propylbenzene

Concen: 20.847 ug/l

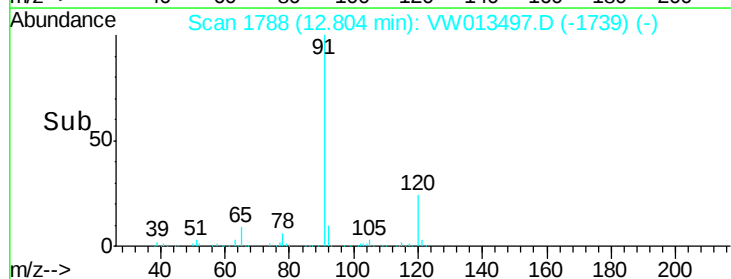
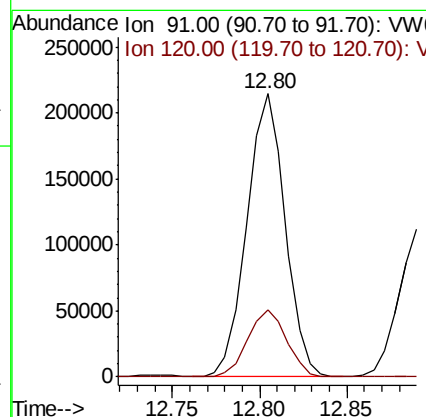
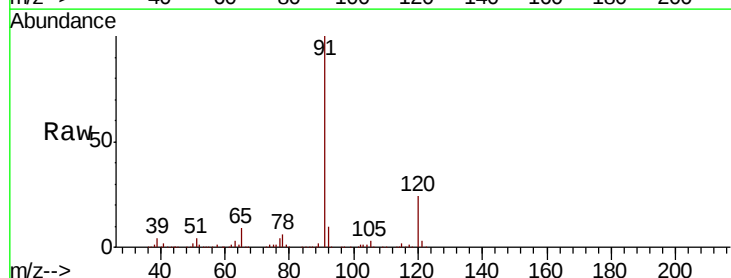
RT: 12.80 min Scan# 1788

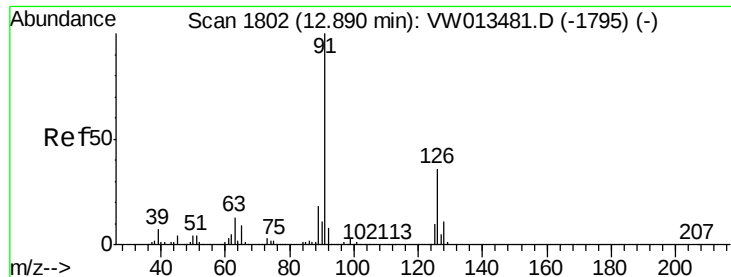
Delta R.T. 0.00 min

Lab File: VW013497.D

Acq: 09 Oct 2019 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	11.7	35.1	





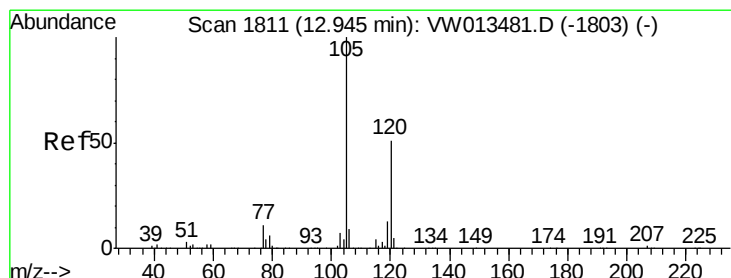
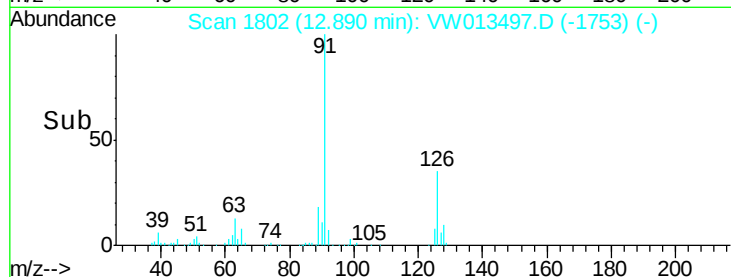
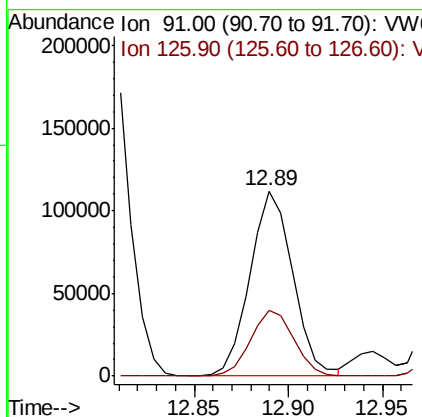
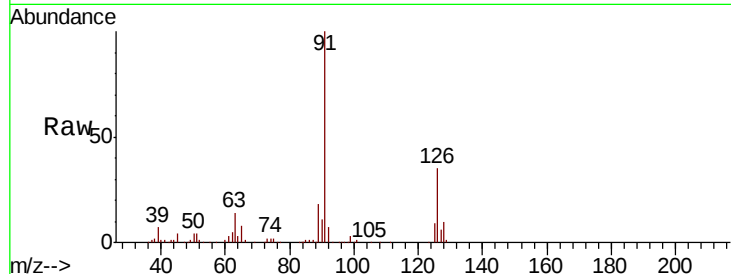
#79
2-Chlorotoluene
Concen: 20.233 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion: 91 Resp: 176545
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4

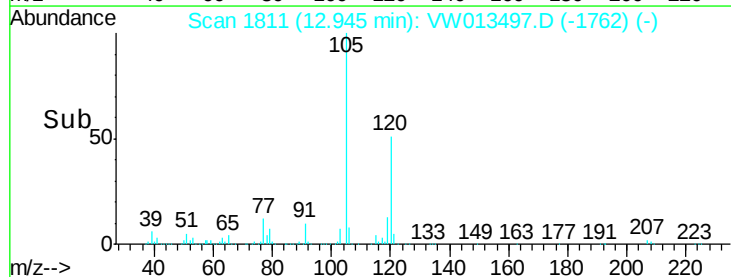
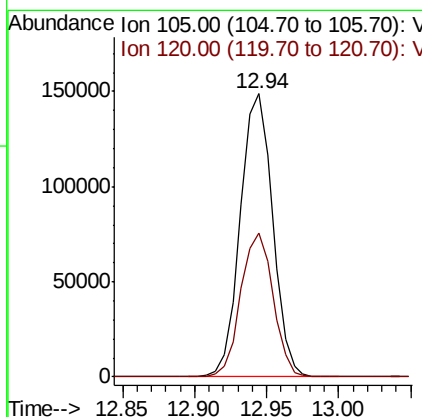
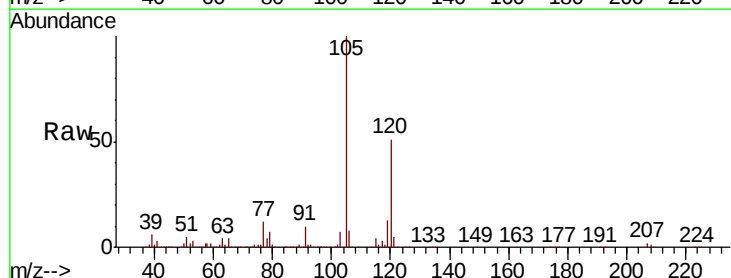
Manual Integrations
APPROVED

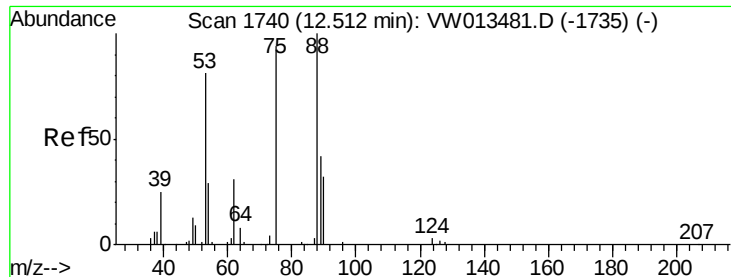
MMDadoda
10/11/2019 4:40:34 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.612 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion: 105 Resp: 230667
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.0





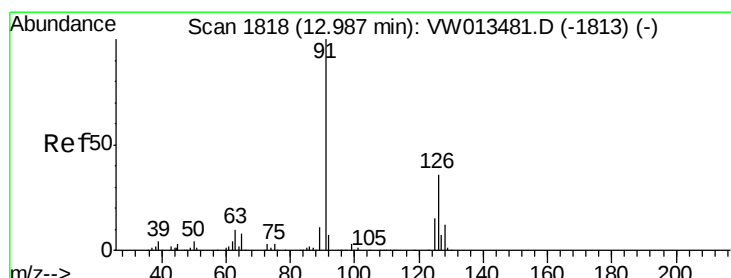
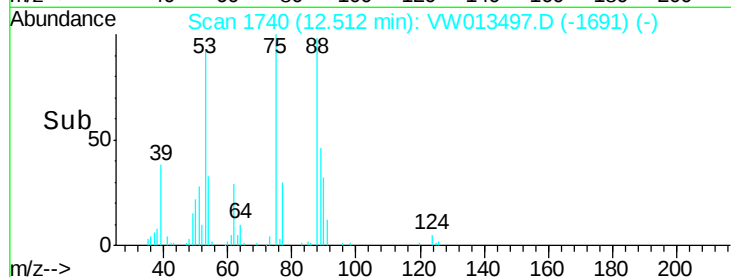
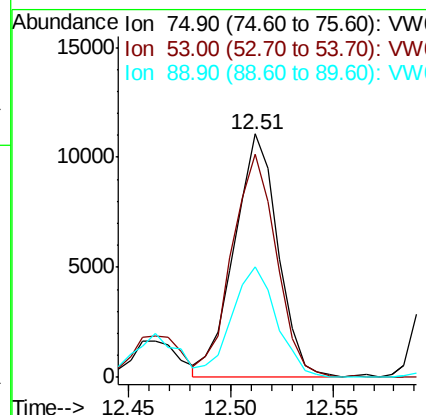
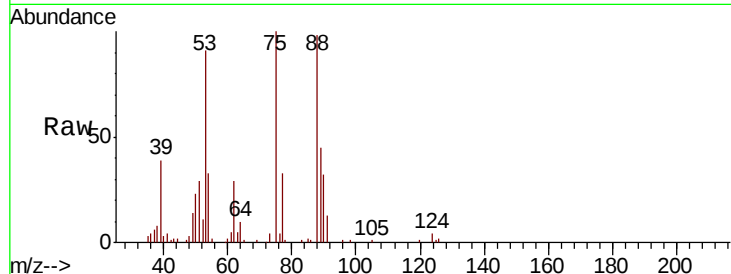
#81
trans-1,4-Dichloro-2-butene
Concen: 21.541 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampled :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	71.0	106.6
89	47.0	36.1	54.1

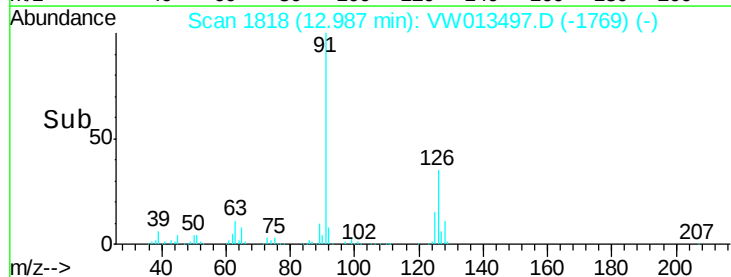
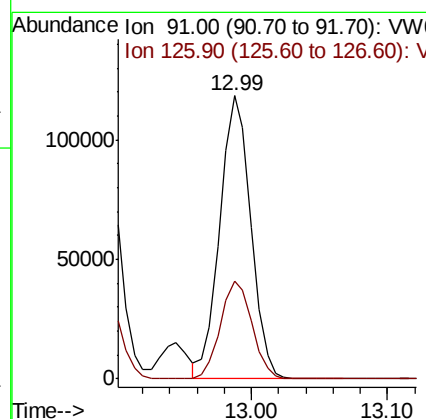
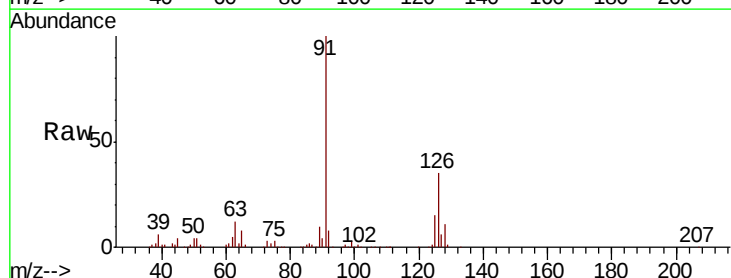
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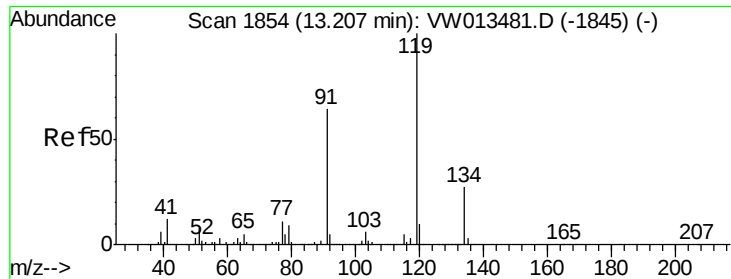
MMDadoda
10/11/2019 4:40:34 PM



#82
4-Chlorotoluene
Concen: 20.627 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.6





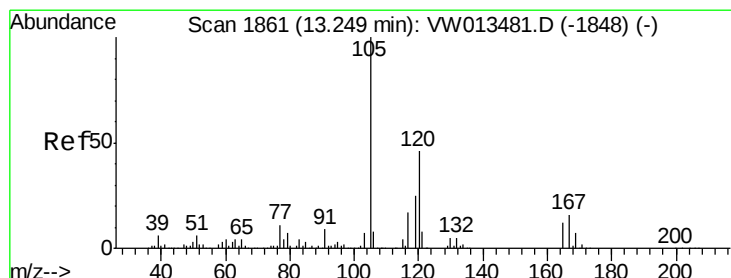
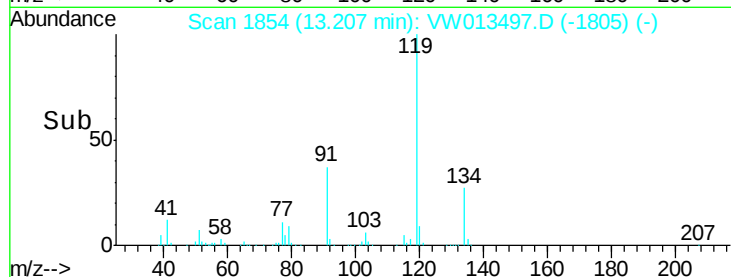
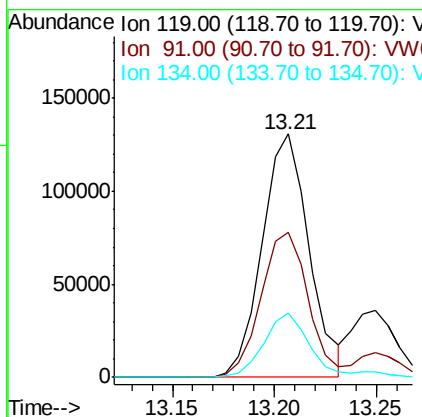
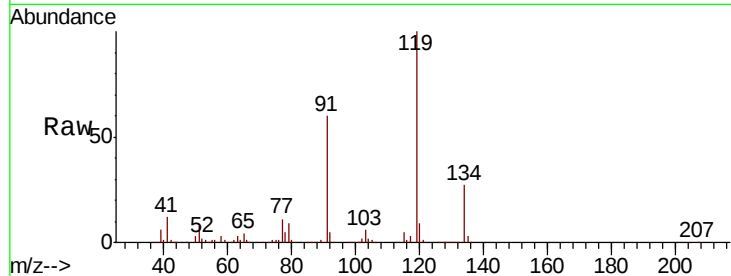
#83
tert-Butylbenzene
Concen: 21.111 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209811		
91	59.8		30.6	91.6
134	27.0		13.8	41.3

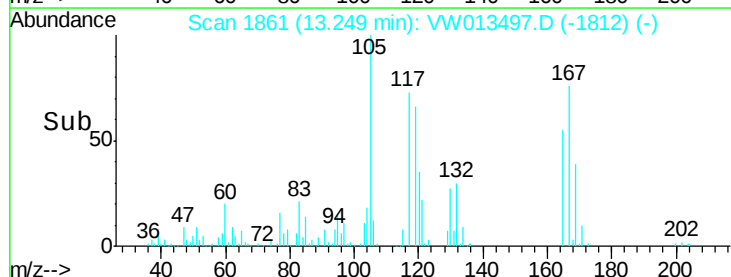
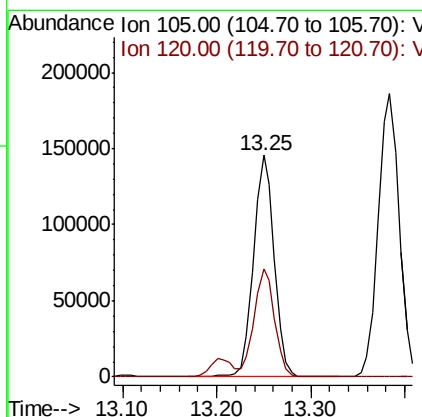
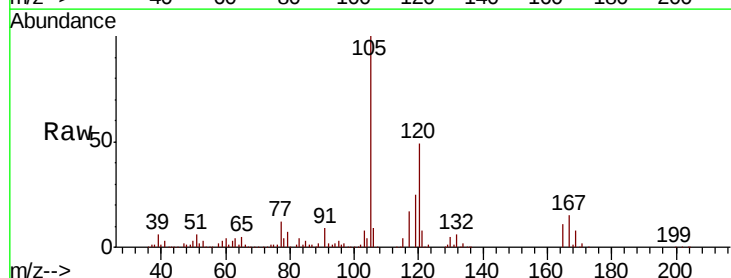
Manual Integrations
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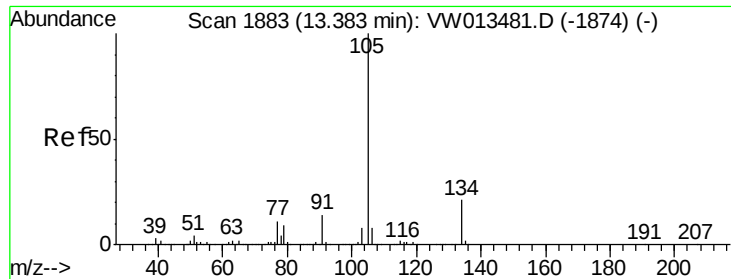
MMDadoda
10/11/2019 4:40:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.438 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226203		
120	47.9		23.2	69.5





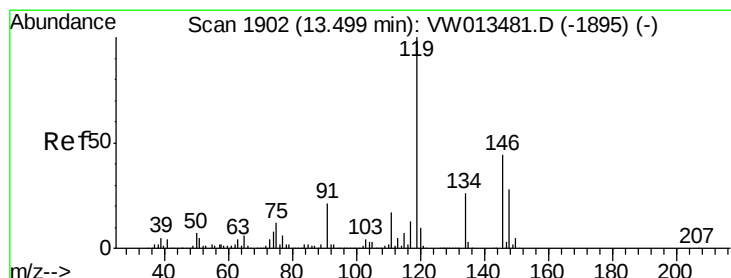
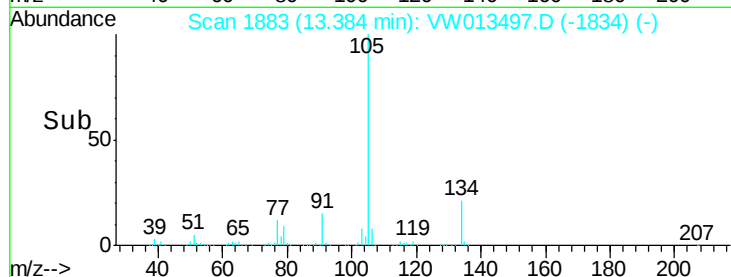
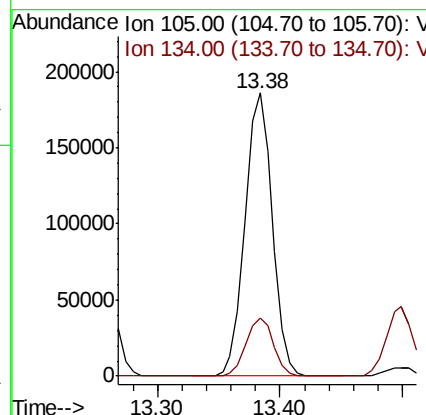
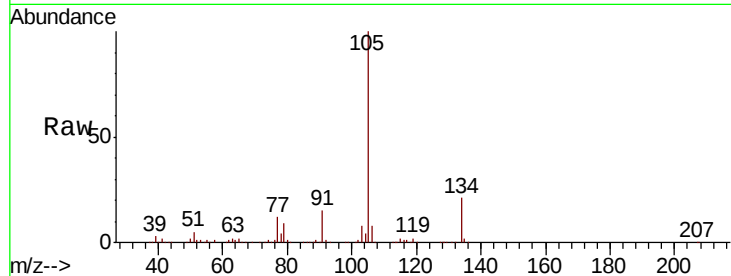
#85
 sec-Butylbenzene
 Concen: 20.922 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.4

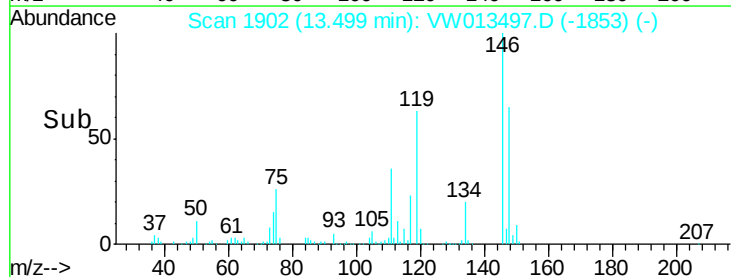
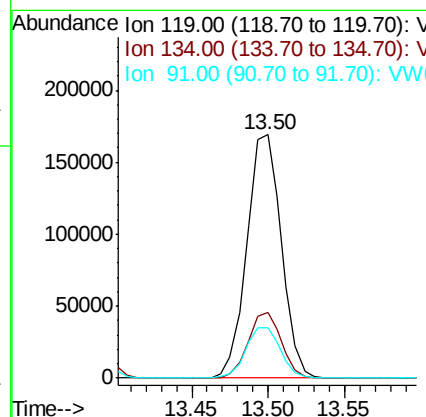
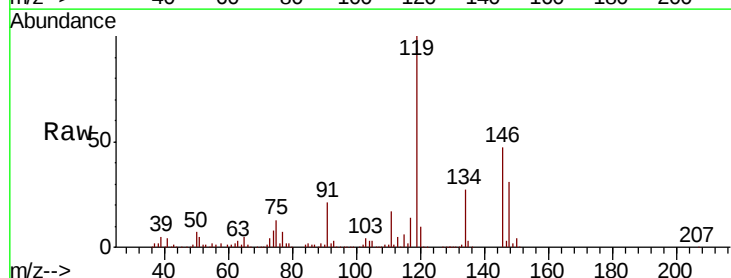
Manual Integrations
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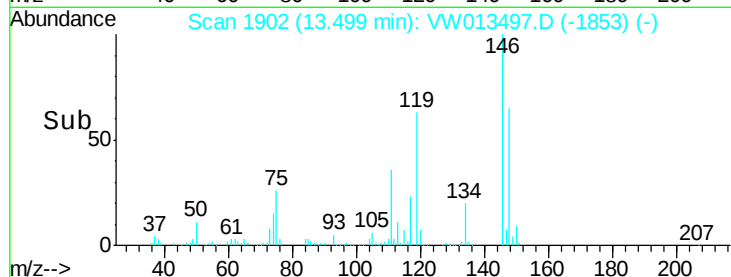
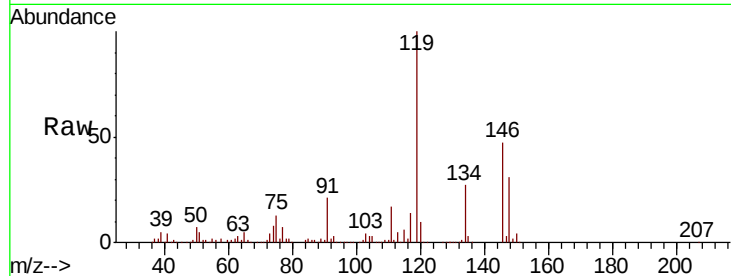
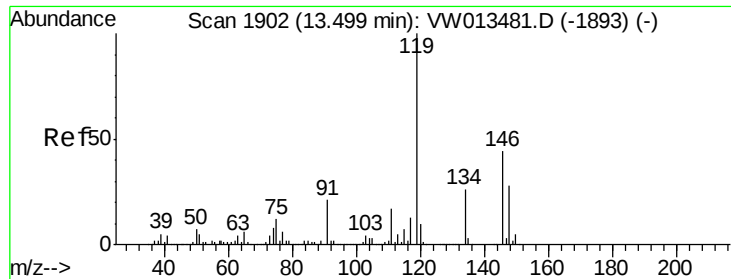
MMDadoda
 10/11/2019 4:40:34 PM



#86
 p-Isopropyltoluene
 Concen: 20.913 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	21.0	10.8	32.3





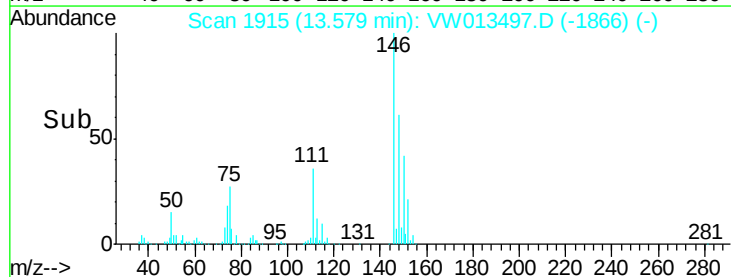
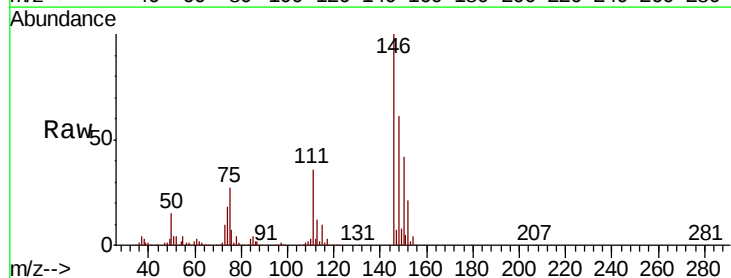
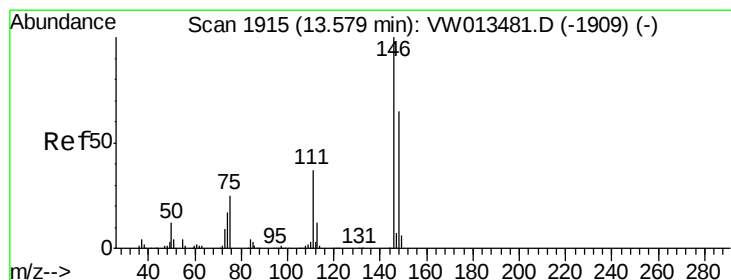
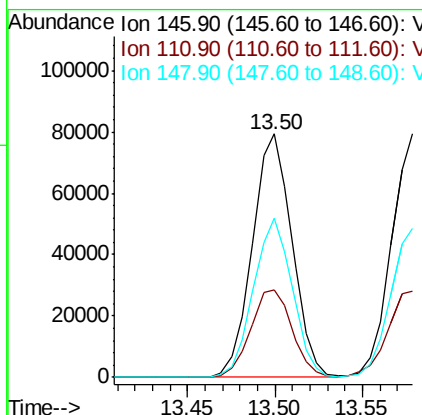
#87
 1,3-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tot Ion	Ratio	Resp	Lower	Upper
146	100	124823		
111	37.7	18.7	56.1	
148	64.2	32.3	96.8	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

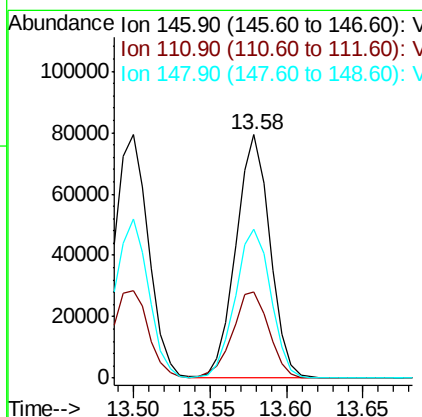
Manual Integrations
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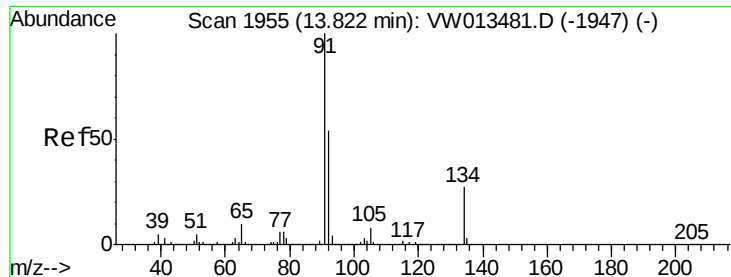
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#88
 1,4-Dichlorobenzene
 Concen: 20.719 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122864		
111	38.0	18.4	55.4	
148	64.0	32.0	96.2	





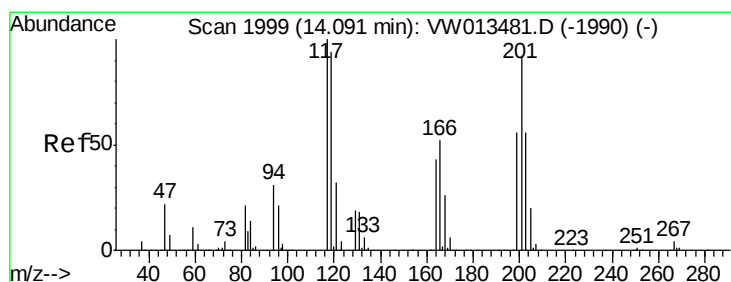
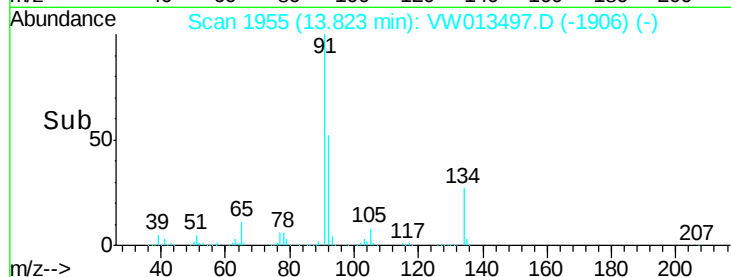
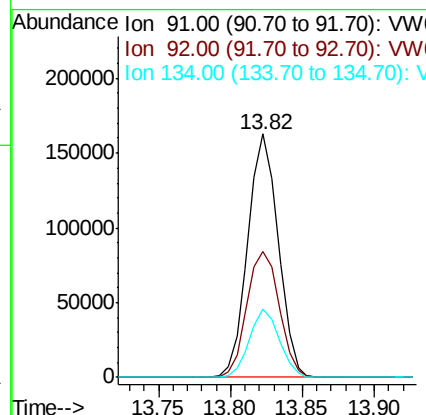
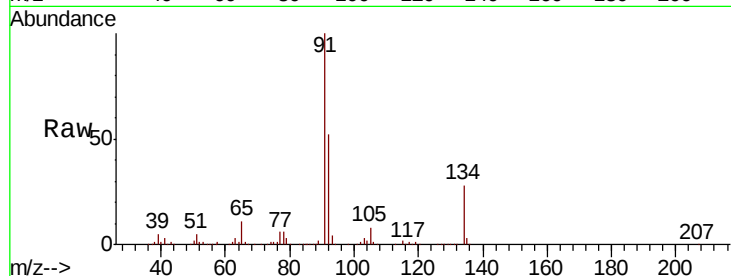
#89
n-Butylbenzene
Concen: 20.918 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	27.6	13.8	41.3

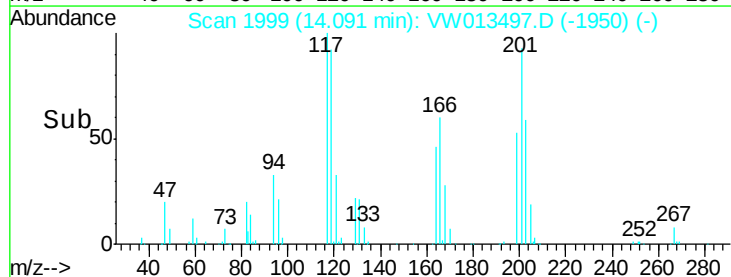
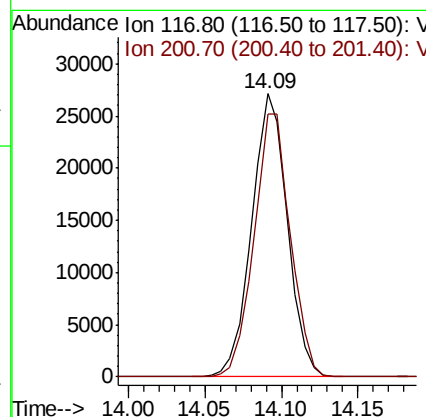
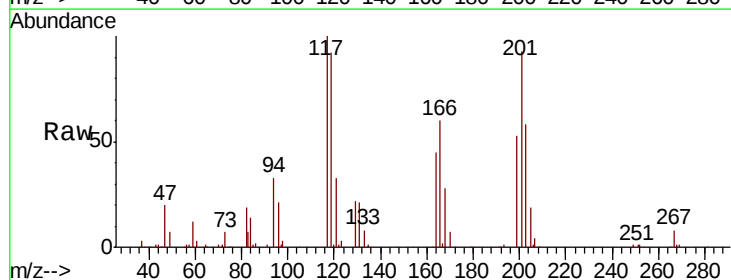
Manual Integrations
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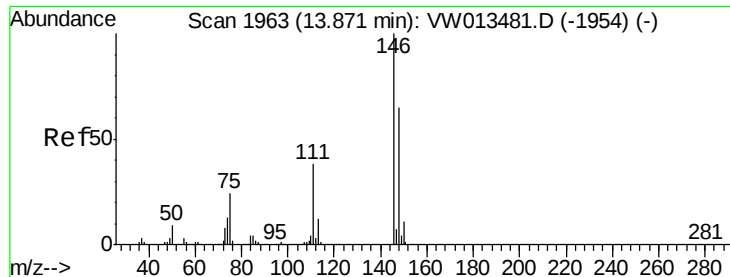
MMDadoda
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#90
Hexachloroethane
Concen: 20.305 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	46.9	140.7





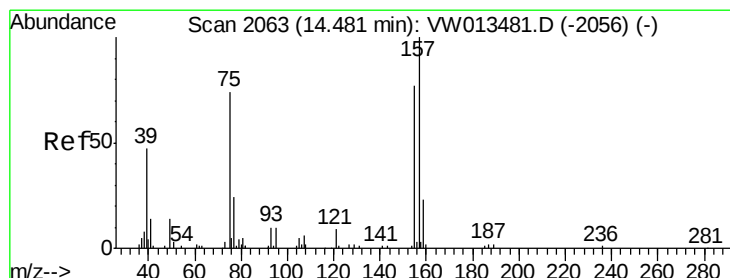
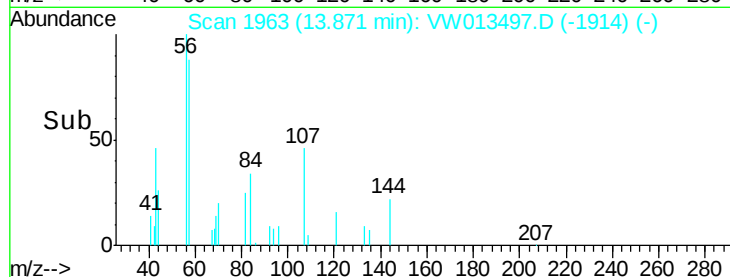
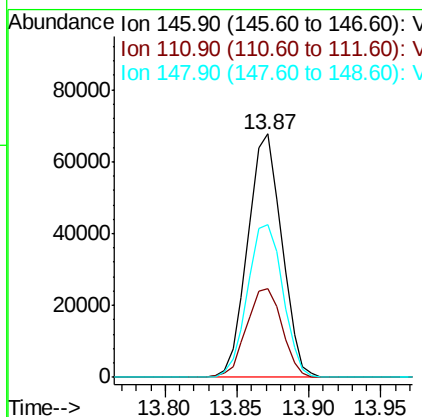
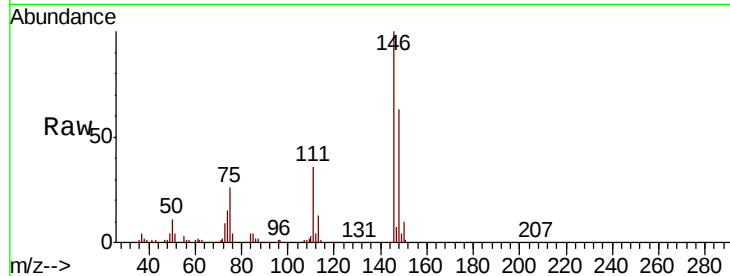
#91
 1,2-Dichlorobenzene
 Concen: 20.695 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	65.4	31.8	95.3

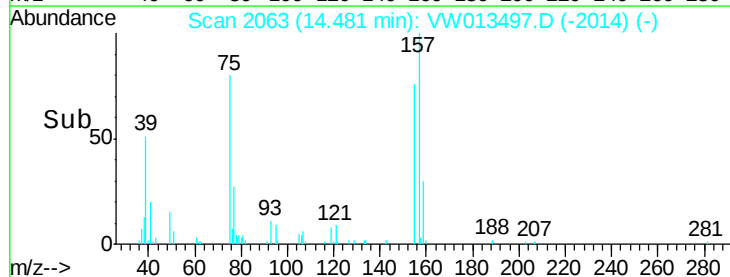
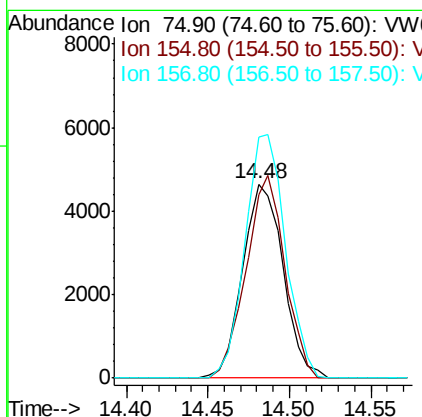
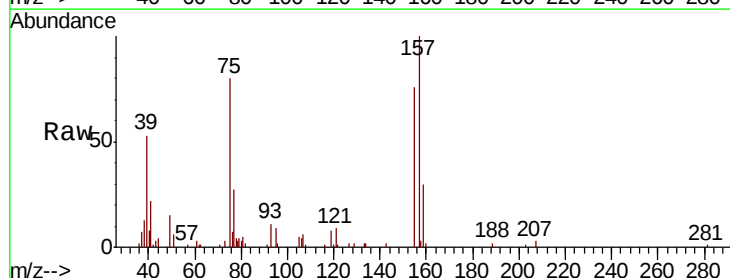
Manual Integrations
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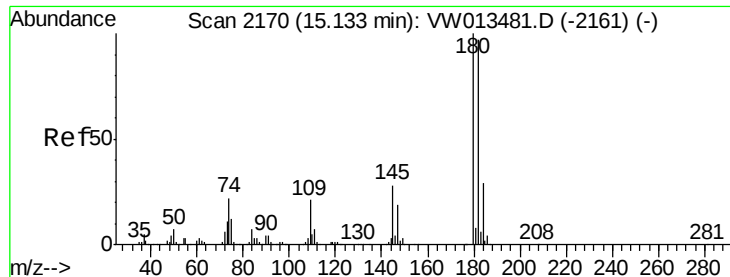
MMDadoda
 10/11/2019 4:40:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.983 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.0	153.1
157	125.3	65.9	197.7





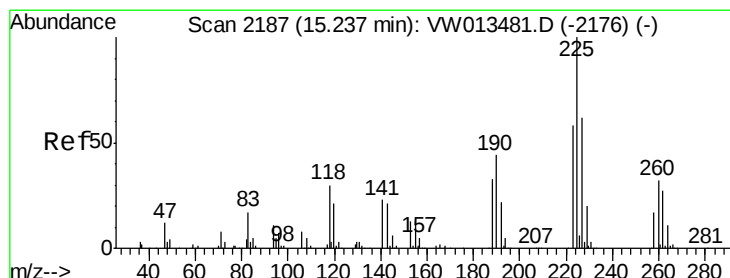
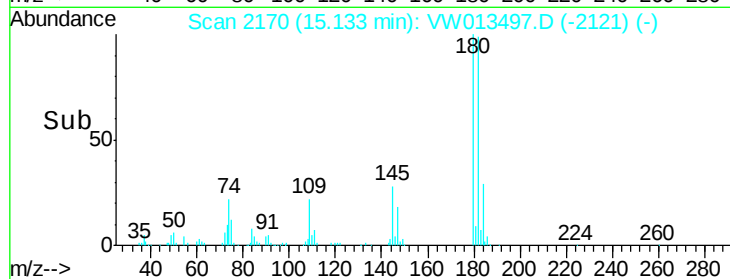
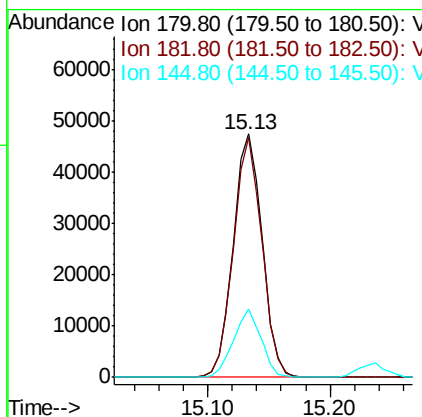
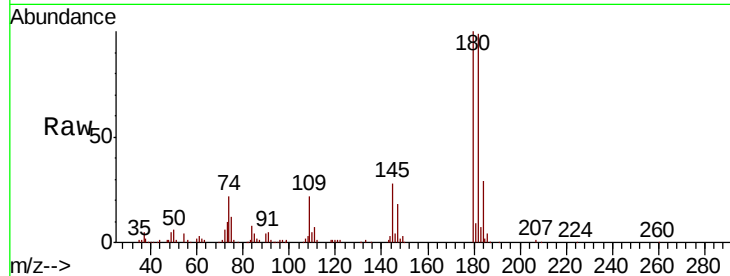
#93
 1,2,4-Trichlorobenzene
 Concen: 20.475 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77339		
182	96.7		47.7	143.1
145	27.0		14.0	41.9

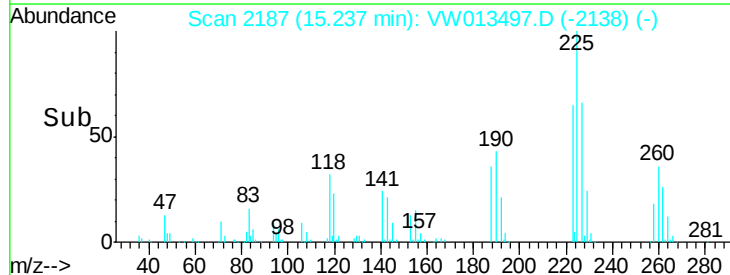
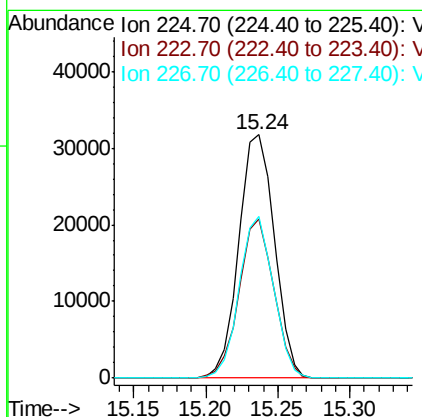
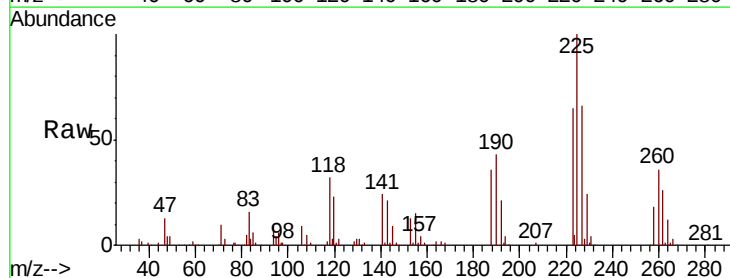
Manual Integrations
 APPROVED

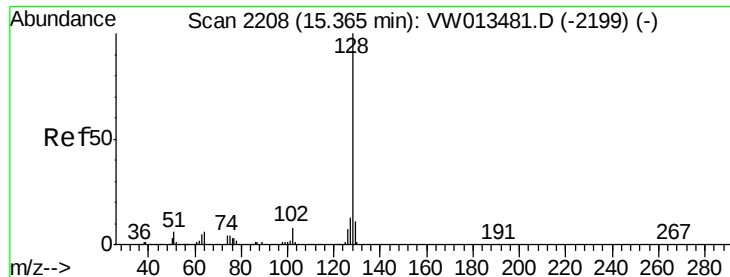
MMDadoda
 10/11/2019 4:40:34 PM



#94
 Hexachlorobutadiene
 Concen: 21.758 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013497.D
 Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54615		
223	63.7		30.3	90.9
227	63.9		32.0	96.0





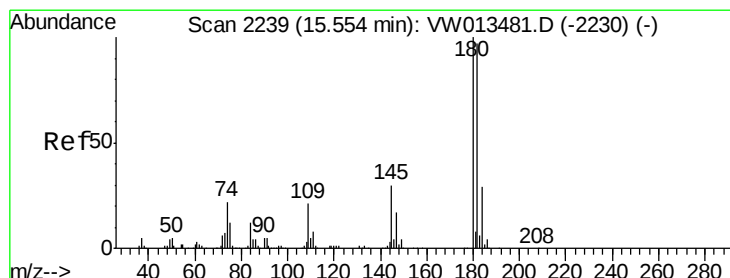
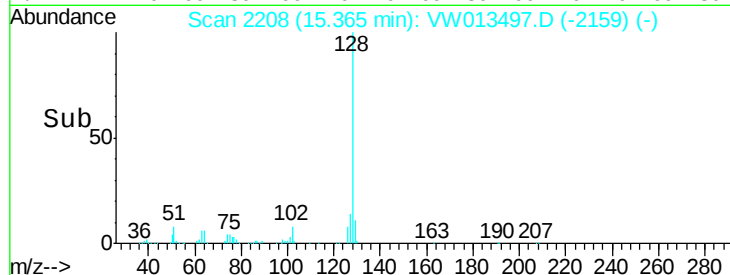
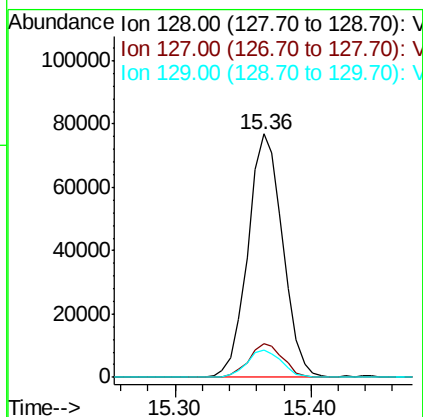
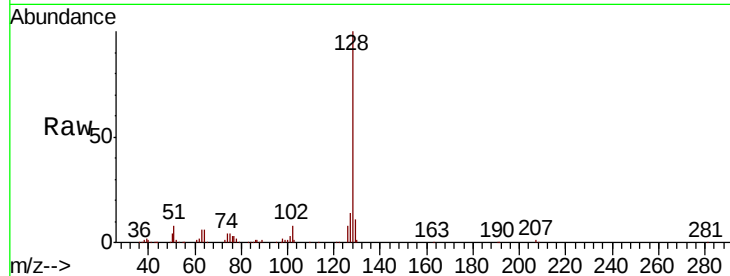
#95
Naphthalene
Concen: 21.075 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.4	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/11/2019 4:40:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.093 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013497.D
Acq: 09 Oct 2019 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	29.5	14.9	44.9

