

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010340.D
 Acq On : 09 May 2019 16:52
 Operator : SY/VA
 Sample : VW0509SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:46 AM

Quant Time: May 10 03:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1446334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2333439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2115815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1051350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	817038	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	719828	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.32	98	2916816	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	1047199	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	200002	18.289	ug/l	100
3) Chloromethane	2.21	50	273224	18.454	ug/l	100
4) Vinyl Chloride	2.37	62	343785	18.684	ug/l	98
5) Bromomethane	2.77	94	191676	18.065	ug/l	99
6) Chloroethane	2.92	64	203067	19.084	ug/l	98
7) Trichlorofluoromethane	3.25	101	162473	17.639	ug/l	98
8) Diethyl Ether	3.67	74	162199	20.031	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	283450	18.780	ug/l	98
10) Methyl Iodide	4.26	142	405036	18.950	ug/l	95
11) Tert butyl alcohol	5.18	59	100560	92.605	ug/l	99
12) 1,1-Dichloroethene	4.03	96	299093	18.964	ug/l	96
13) Acrolein	3.89	56	129637	90.422	ug/l	95
14) Allyl chloride	4.65	41	444691	18.889	ug/l	92
15) Acrylonitrile	5.36	53	397794	88.631	ug/l	98
16) Acetone	4.12	43	352807	88.014	ug/l	95
17) Carbon Disulfide	4.38	76	884119	18.535	ug/l	99
18) Methyl Acetate	4.67	43	176326	17.759	ug/l	93
19) Methyl tert-butyl Ether	5.42	73	387145	20.621	ug/l	97
20) Methylene Chloride	4.91	84	322379	19.282	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	324566	19.119	ug/l	94
22) Diisopropyl ether	6.31	45	983659	21.529	ug/l	97
23) Vinyl Acetate	6.25	43	3161316	100.766	ug/l	96
24) 1,1-Dichloroethane	6.21	63	600842	19.532	ug/l	98
25) 2-Butanone	7.17	43	558589	91.090	ug/l	97
26) 2,2-Dichloropropane	7.16	77	299034	19.538	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	345250	19.775	ug/l	96
28) Bromochloromethane	7.51	49	250862	22.120	ug/l	98
29) Tetrahydrofuran	7.53	42	362996	91.518	ug/l	95
30) Chloroform	7.67	83	578617	20.099	ug/l	99
31) Cyclohexane	7.95	56	605887	19.237	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	433115	19.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	484839	19.163	ug/l	99
37) Ethyl Acetate	7.25	43	242995	18.038	ug/l	97
38) Carbon Tetrachloride	8.06	117	412076	19.000	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	580750	18.764	ug/l	99
40) Benzene	8.32	78	1346708	19.436	ug/l	99
41) Methacrylonitrile	7.48	41	139506	18.466	ug/l	96
42) 1,2-Dichloroethane	8.40	62	400383	20.187	ug/l	97
43) Isopropyl Acetate	8.42	43	424133	18.984	ug/l	98
44) Trichloroethene	9.09	130	333365	19.218	ug/l	99
45) 1,2-Dichloropropane	9.37	63	342498	19.886	ug/l	99
46) Dibromomethane	9.46	93	173142	19.459	ug/l	99
47) Bromodichloromethane	9.64	83	419499	19.654	ug/l	98
48) Methyl methacrylate	9.43	41	202752	19.193	ug/l #	87
49) 1,4-Dioxane	9.45	88	57845	372.785	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1218760	95.136	ug/l	94
52) Toluene	10.38	92	836184	19.744	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	425966	19.703	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	506165	19.769	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	247583	19.591	ug/l	99
56) Ethyl methacrylate	10.65	69	325409	19.499	ug/l #	90
57) 1,3-Dichloropropane	10.93	76	450201	19.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	902024	112.890	ug/l	100
59) 2-Hexanone	10.97	43	848266	93.652	ug/l	92
60) Dibromochloromethane	11.13	129	264596	19.457	ug/l	99
61) 1,2-Dibromoethane	11.24	107	235141	19.382	ug/l	97
64) Tetrachloroethene	10.86	164	278960	18.864	ug/l	98
65) Chlorobenzene	11.66	112	852813	19.471	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	289101	19.529	ug/l	98
67) Ethyl Benzene	11.73	91	1590702	19.742	ug/l	100
68) m/p-Xylenes	11.84	106	1194734	39.909	ug/l	99
69) o-Xylene	12.17	106	539438	19.920	ug/l	98
70) Styrene	12.18	104	945707	20.042	ug/l	99
71) Bromoform	12.35	173	157317	18.590	ug/l #	99
73) Isopropylbenzene	12.46	105	1513557	19.751	ug/l	100
74) N-amyl acetate	12.27	43	388552	19.626	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	317352	18.795	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	224010m	18.275	ug/l	
77) Bromobenzene	12.75	156	337901	19.528	ug/l	96
78) n-propylbenzene	12.80	91	1883049	19.895	ug/l	99
79) 2-Chlorotoluene	12.90	91	1057651	19.622	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1299550	20.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	96919	17.856	ug/l	92
82) 4-Chlorotoluene	12.99	91	1120963	19.849	ug/l	100
83) tert-Butylbenzene	13.21	119	1052052	19.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1313852	20.465	ug/l	100
85) sec-Butylbenzene	13.38	105	1582424	19.892	ug/l	99
86) p-Isopropyltoluene	13.50	119	1420573	20.113	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	686643	19.873	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	678828	19.797	ug/l	99
89) n-Butylbenzene	13.83	91	1409143	19.897	ug/l	99
90) Hexachloroethane	14.10	117	249640	19.056	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	607340	19.857	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	53876	17.719	ug/l	95

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Instrument :
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ClientSampleId :
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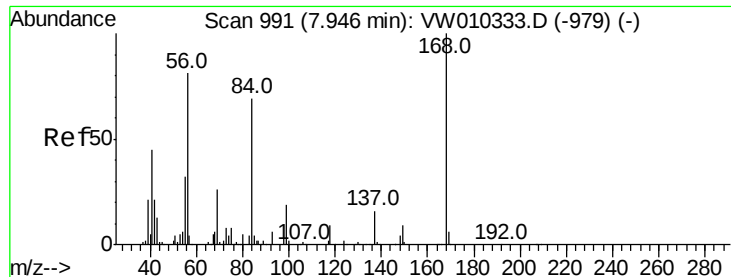
Manual Integrations
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Quant Time: May 10 03:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	422747	20.252	ug/l	100
94) Hexachlorobutadiene	15.24	225	269060	20.106	ug/l	97
95) Naphthalene	15.37	128	810497	19.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	374367	19.852	ug/l	100

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



#1

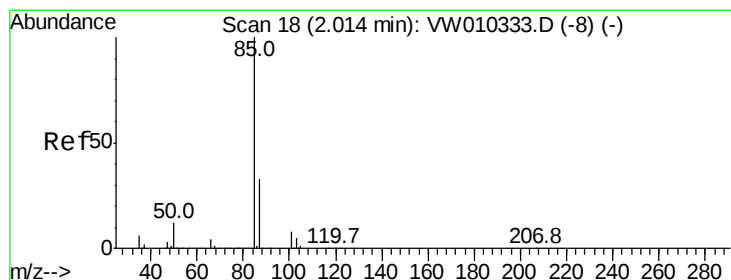
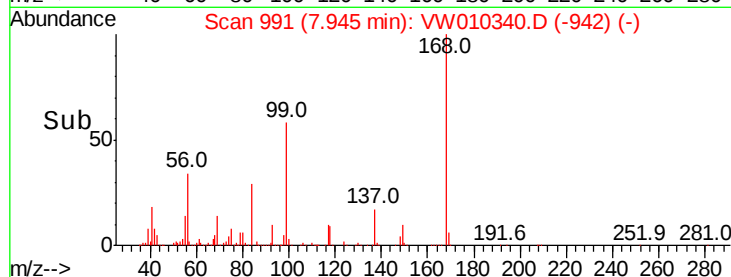
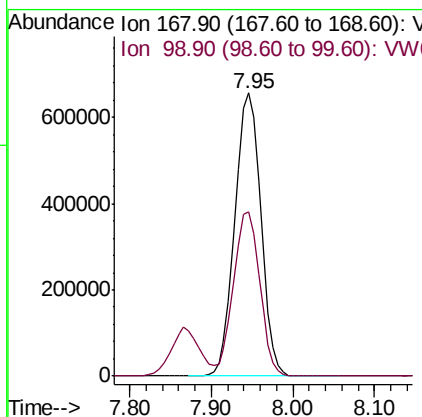
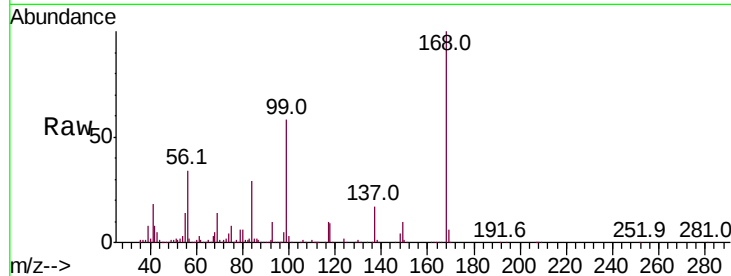
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
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 VW0509SBS01

Tot Ion:168 Resp: 1446334
 Ion Ratio Lower Upper
 168 100
 99 58.1 48.4 72.6

Manual Integrations
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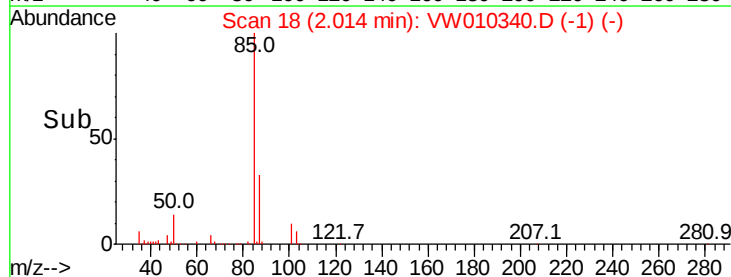
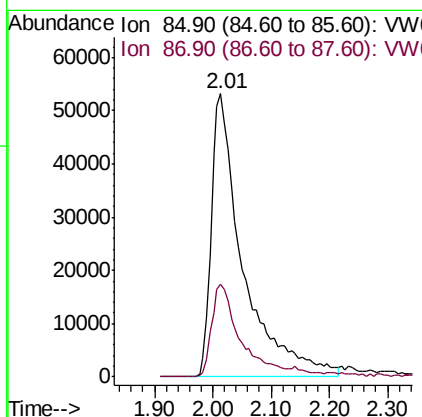
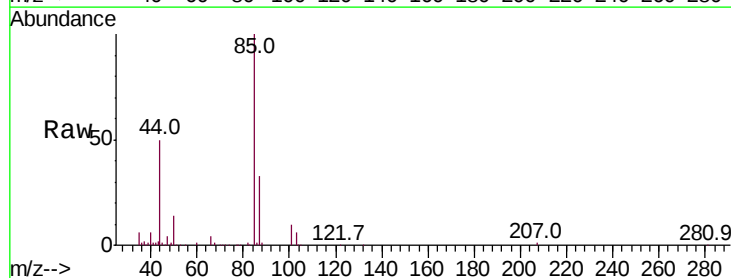
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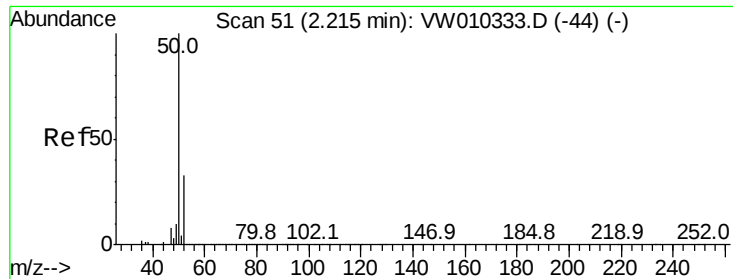


#2

Dichlorodifluoromethane
 Concen: 18.289 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion: 85 Resp: 200002
 Ion Ratio Lower Upper
 85 100
 87 32.7 16.3 48.9





#3

Chloromethane

Concen: 18.454 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 50 Resp: 273224

Ion Ratio Lower Upper

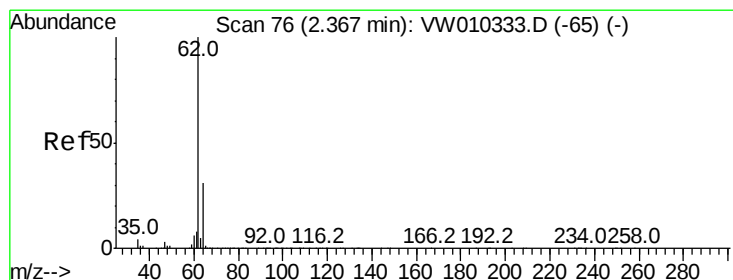
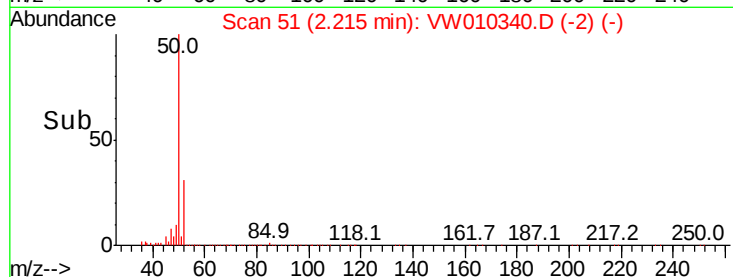
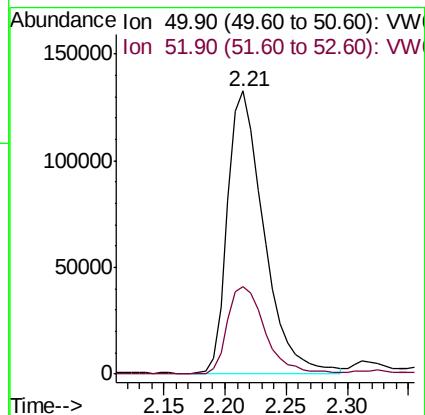
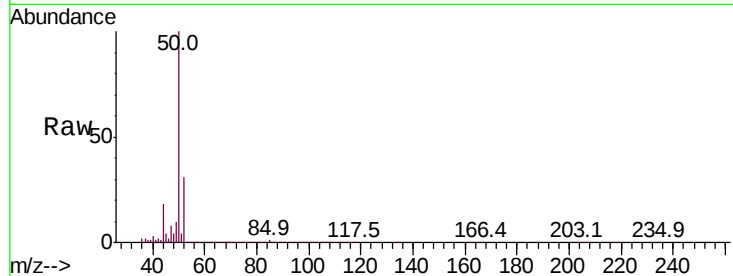
50 100

52 31.2 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.684 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010340.D

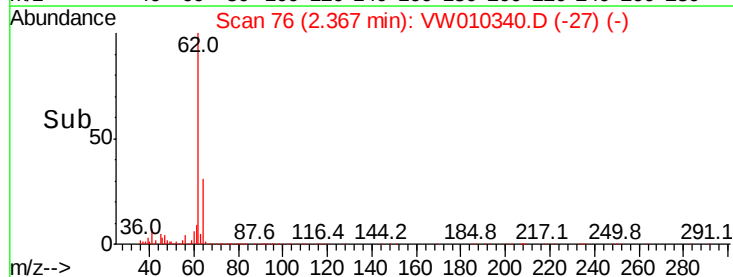
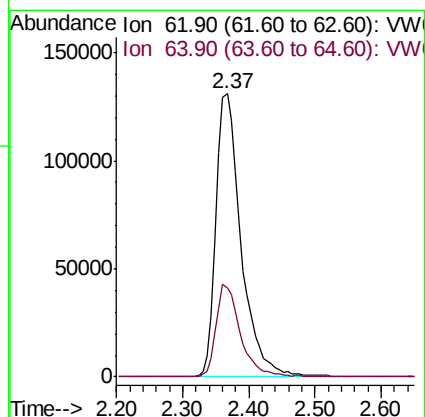
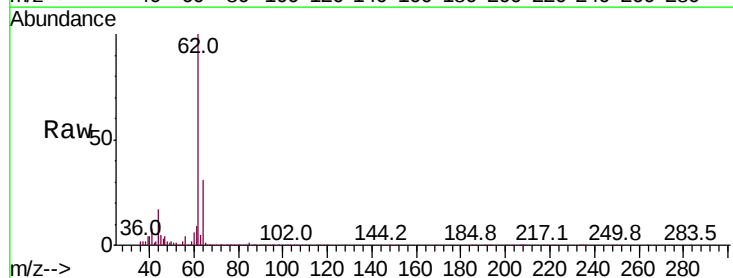
Acq: 09 May 2019 16:52

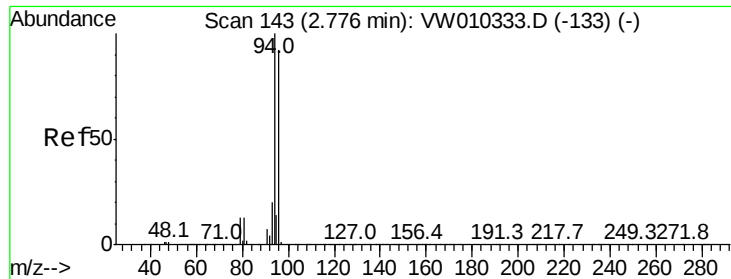
Tgt Ion: 62 Resp: 343785

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 18.065 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 94 Resp: 191676

Ion Ratio Lower Upper

94 100

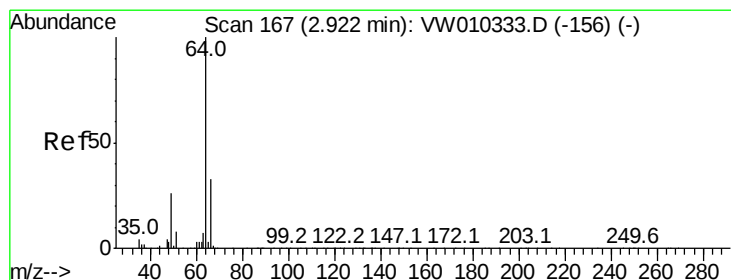
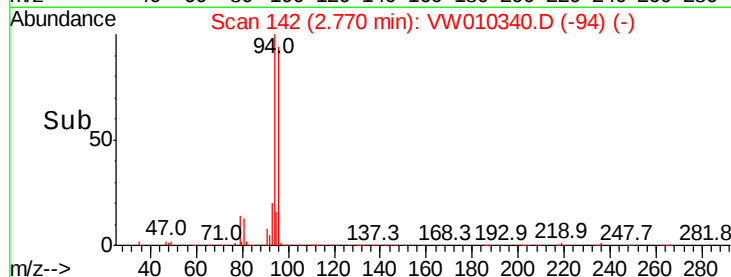
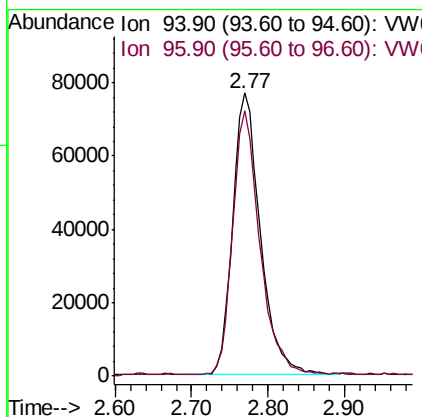
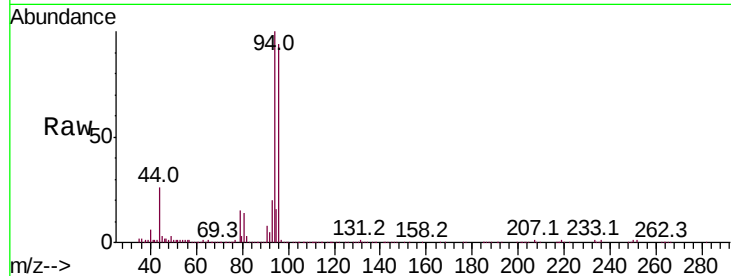
96 93.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.084 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010340.D

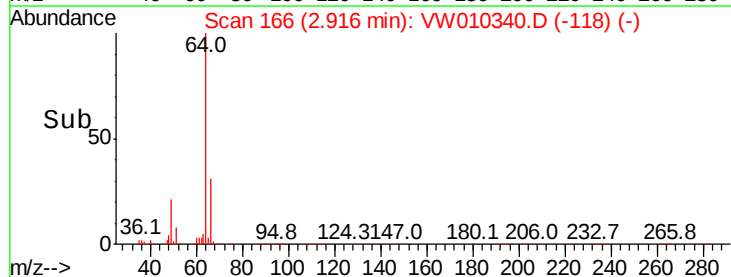
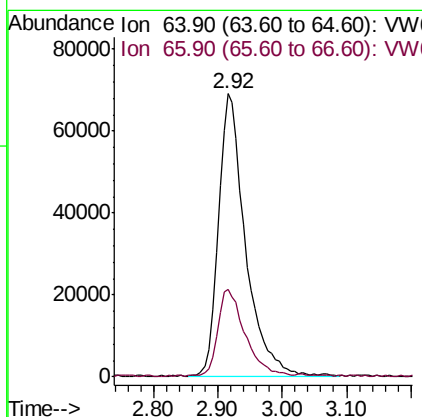
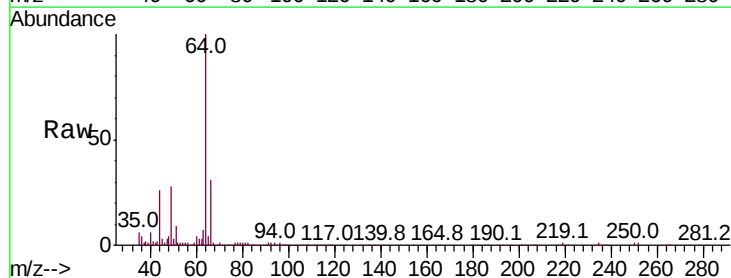
Acq: 09 May 2019 16:52

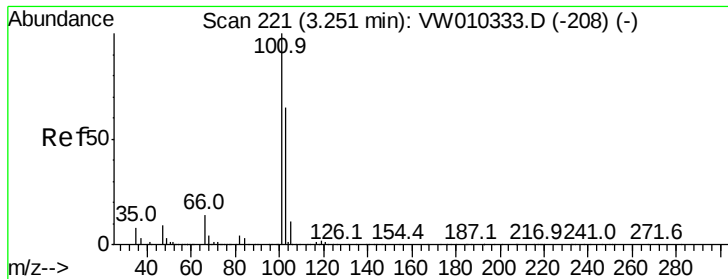
Tgt Ion: 64 Resp: 203067

Ion Ratio Lower Upper

64 100

66 30.4 23.4 35.0





#7

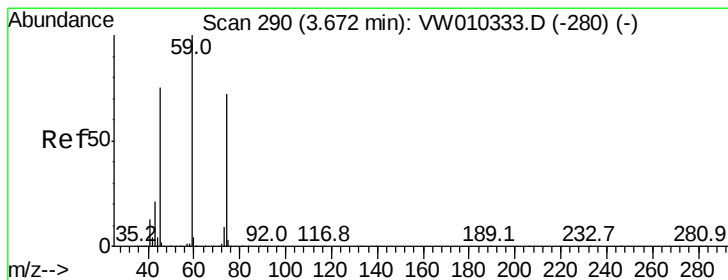
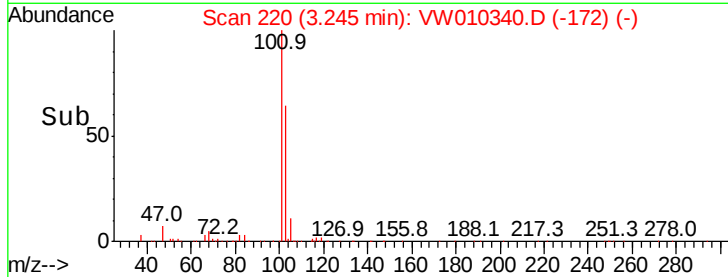
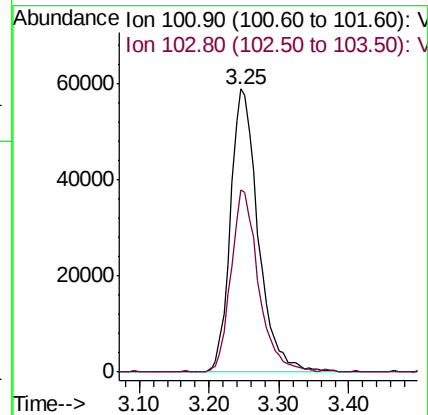
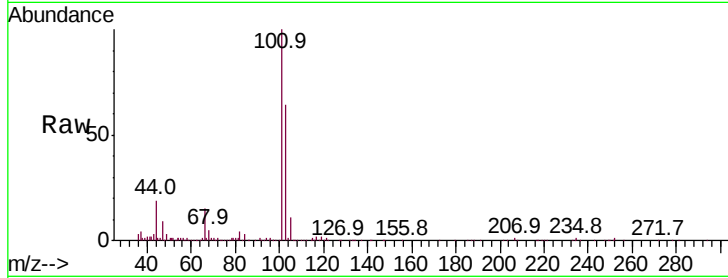
Trichlorofluoromethane
Concen: 17.639 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion:101 Resp: 162473
Ion Ratio Lower Upper
101 100
103 64.1 49.8 74.6

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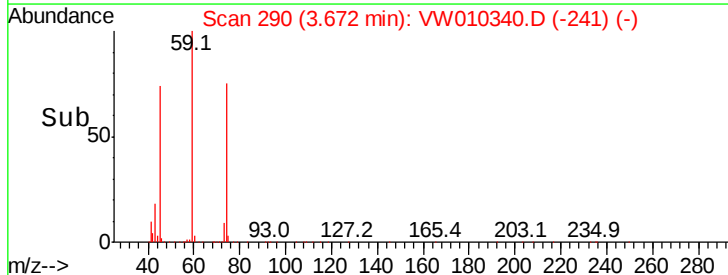
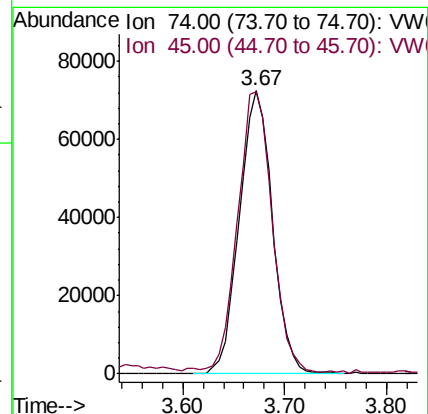
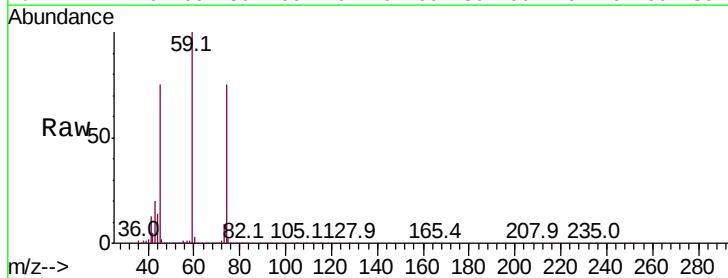
MMDadoda
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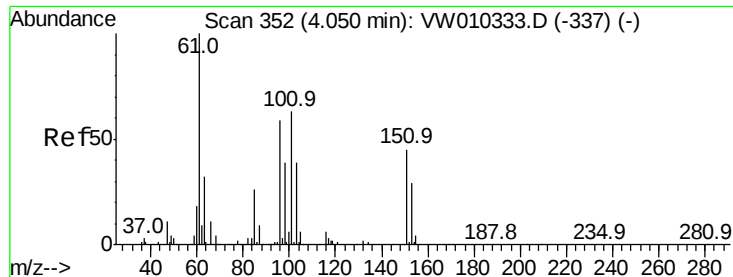


#8

Diethyl Ether
Concen: 20.031 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion: 74 Resp: 162199
Ion Ratio Lower Upper
74 100
45 102.4 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.780 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

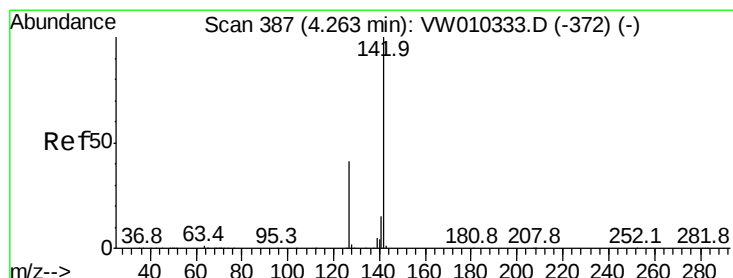
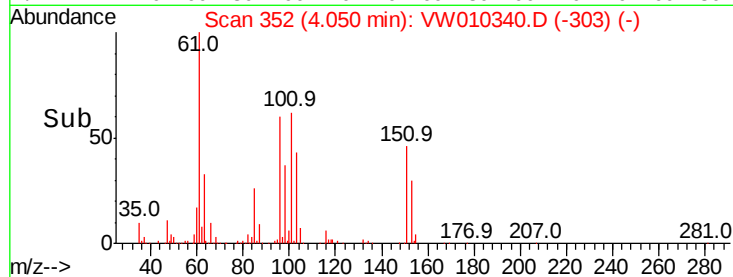
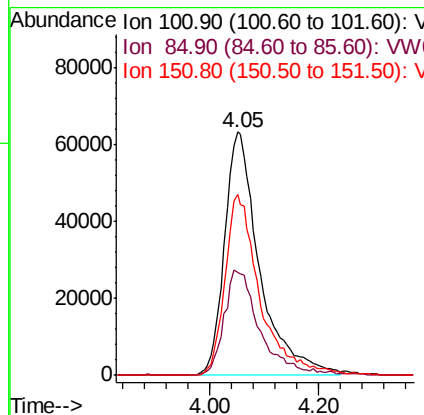
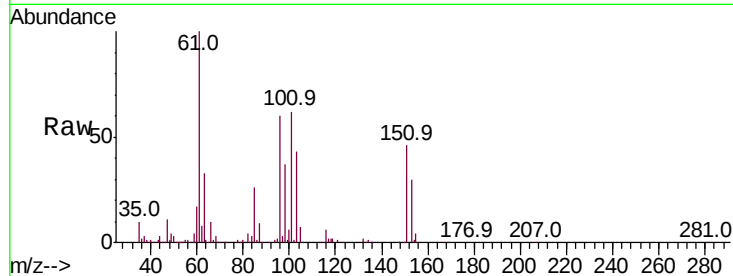
ClientSampleId :

VW0509SBS01

Tot Ion:	101	Resp:	283450
Ion Ratio	Lower	Upper	
101	100		
85	43.0	36.3	54.5
151	73.9	60.2	90.2

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#10

Methyl Iodide

Concen: 18.950 ug/l

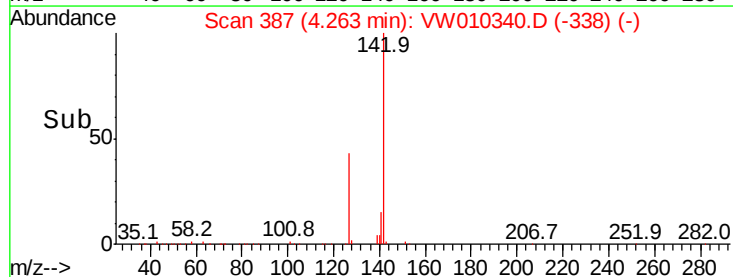
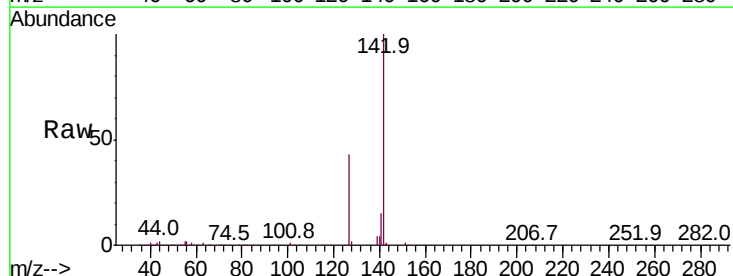
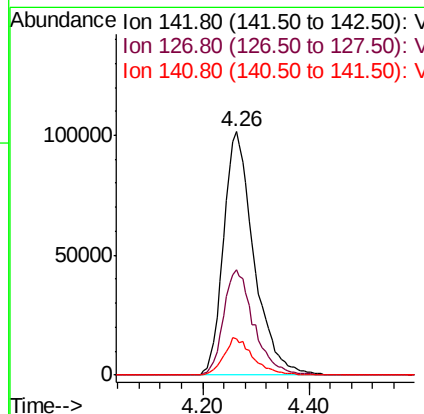
RT: 4.26 min Scan# 387

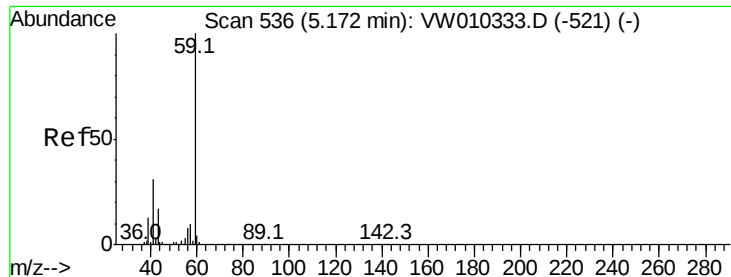
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	142	Resp:	405036
Ion Ratio	Lower	Upper	
142	100		
127	43.3	38.1	57.1
141	14.7	12.2	18.2





#11

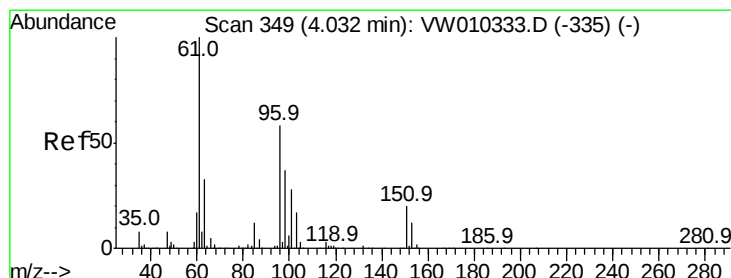
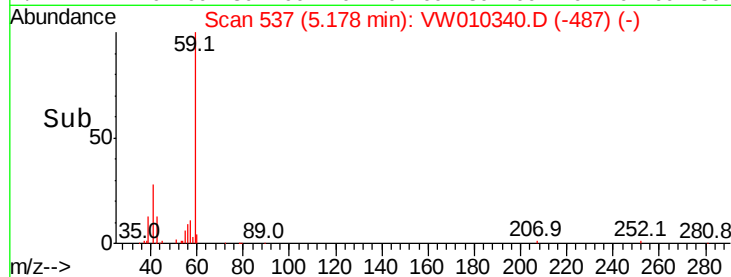
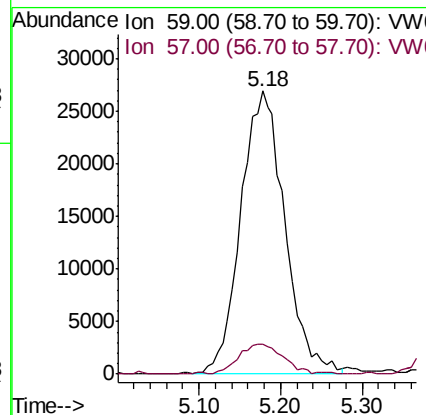
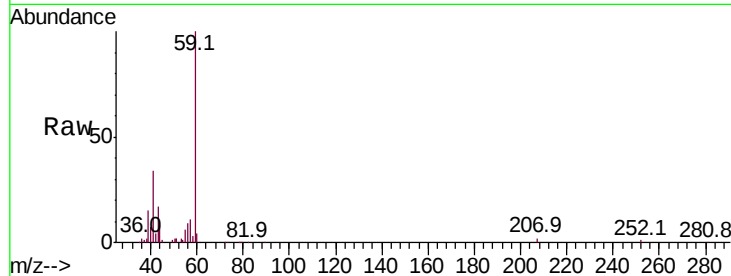
Tert butyl alcohol
 Concen: 92.605 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.0	13.4

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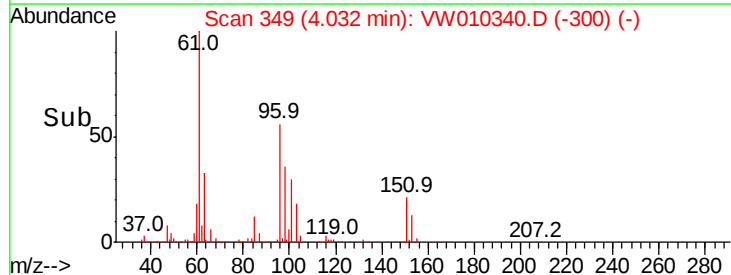
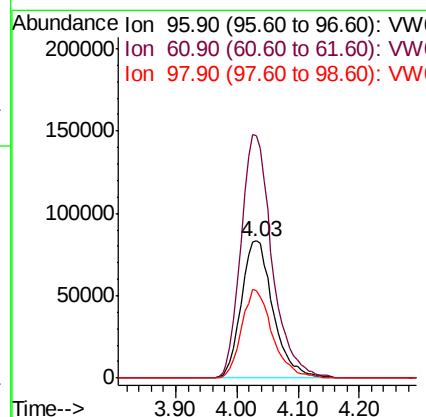
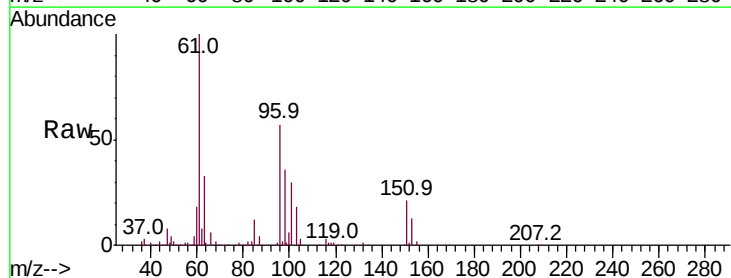
MMDadoda
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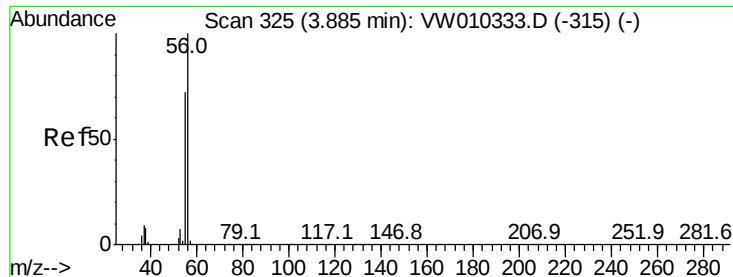


#12

1,1-Dichloroethene
 Concen: 18.964 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.9	147.4	221.2
98	64.0	49.7	74.5





#13

Acrolein

Concen: 90.422 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 56 Resp: 129637

Ion Ratio Lower Upper

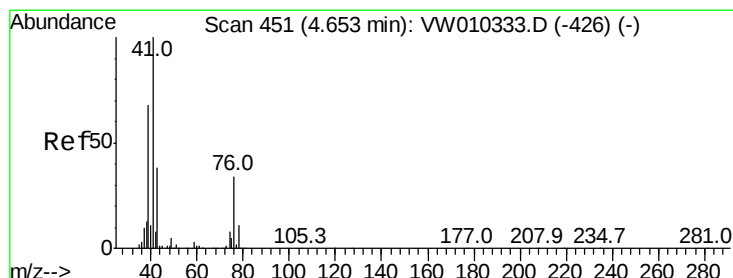
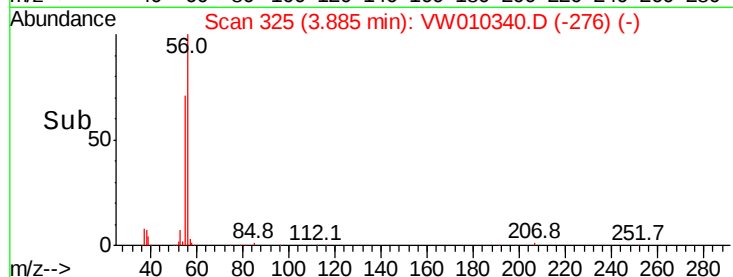
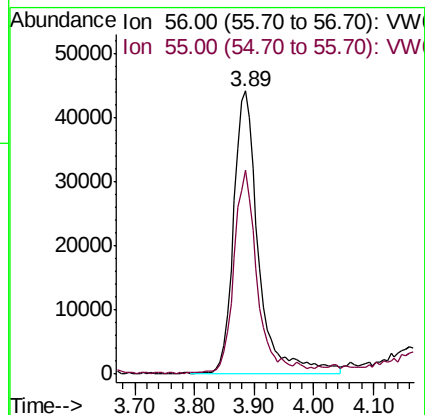
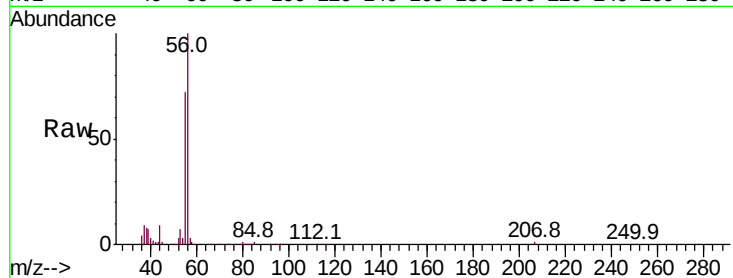
56 100

55 63.9 54.2 81.2

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#14

Allyl chloride

Concen: 18.889 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

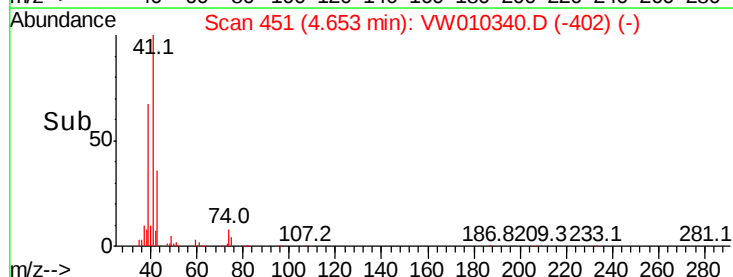
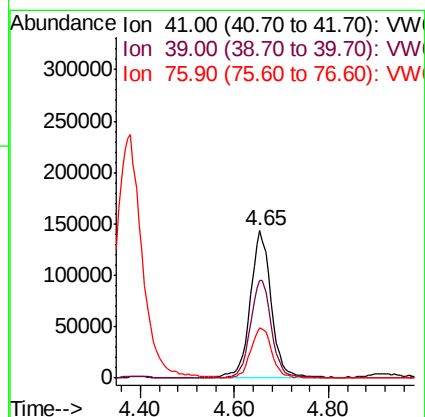
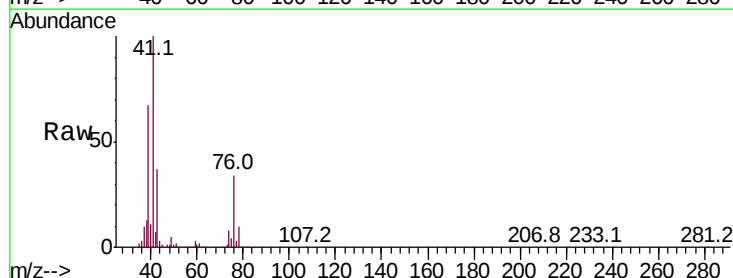
Tgt Ion: 41 Resp: 444691

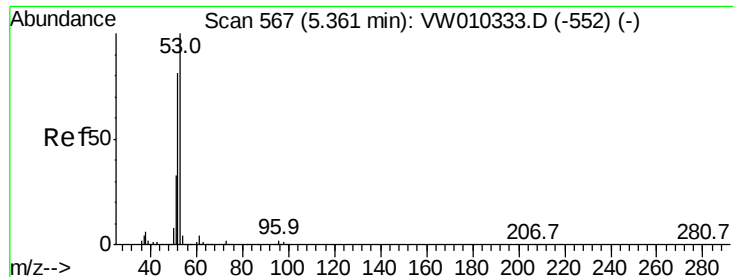
Ion Ratio Lower Upper

41 100

39 67.5 60.2 90.4

76 33.7 25.0 37.6





#15

Acrylonitrile

Concen: 88.631 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

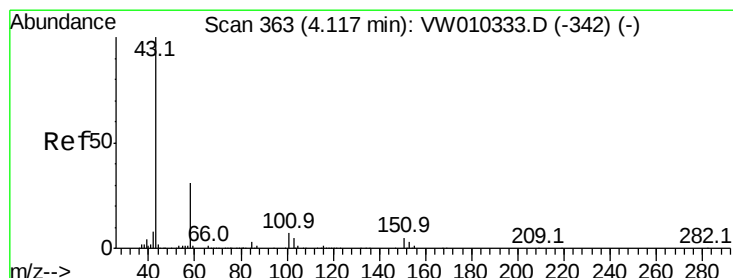
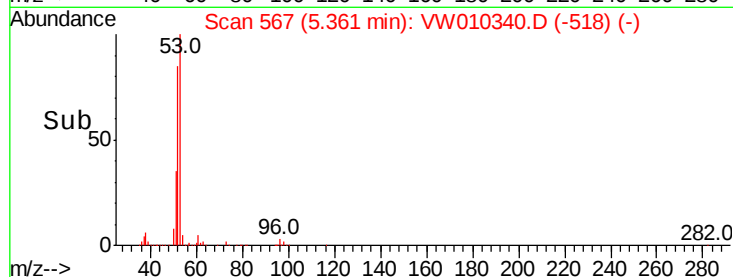
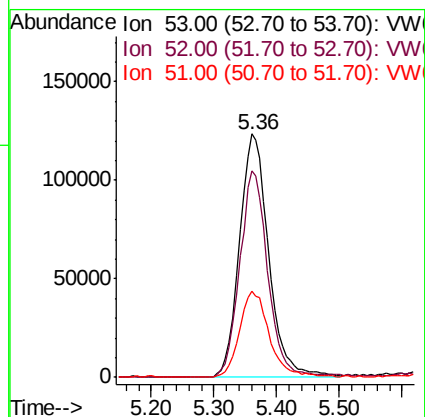
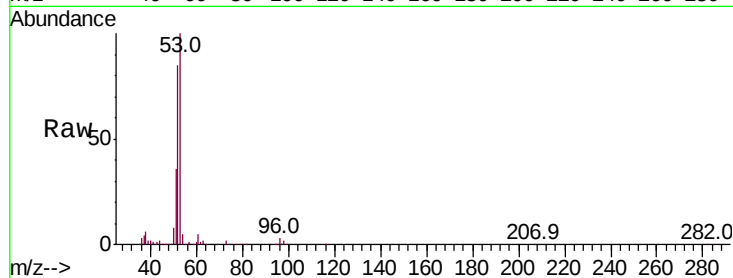
ClientSampleId :

VW0509SBS01

Tot Ion:	53	Resp:	397794
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.6	100.0
51	36.3	30.3	45.5

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#16

Acetone

Concen: 88.014 ug/l

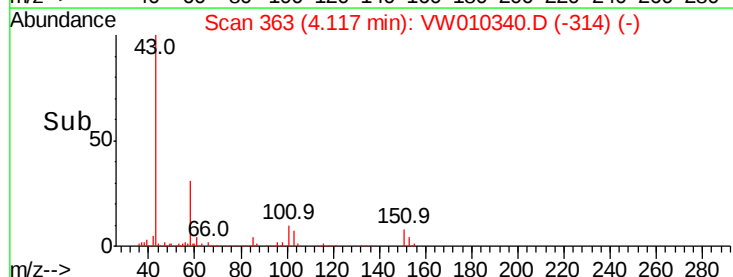
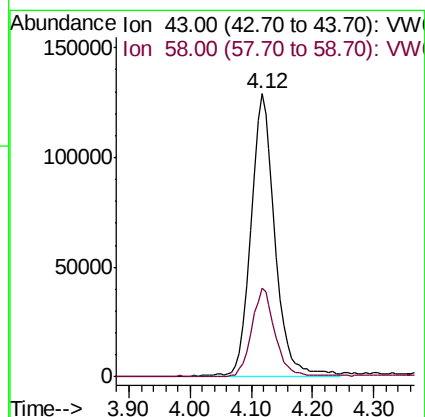
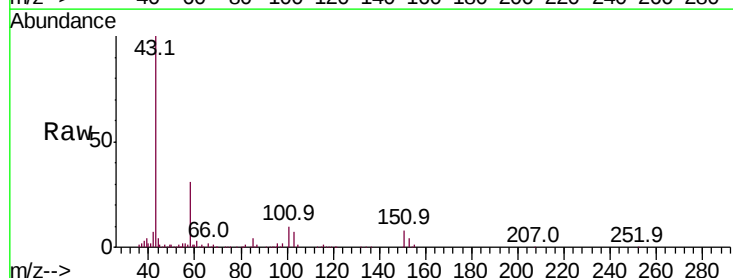
RT: 4.12 min Scan# 363

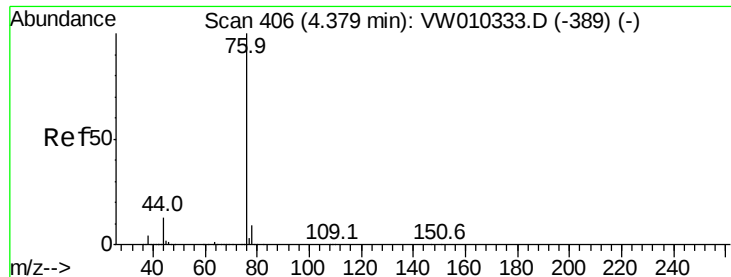
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	43	Resp:	352807
Ion Ratio	Lower	Upper	
43	100		
58	31.1	22.7	34.1





#17

Carbon Disulfide

Concen: 18.535 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 76 Resp: 884119

Ion Ratio Lower Upper

76 100

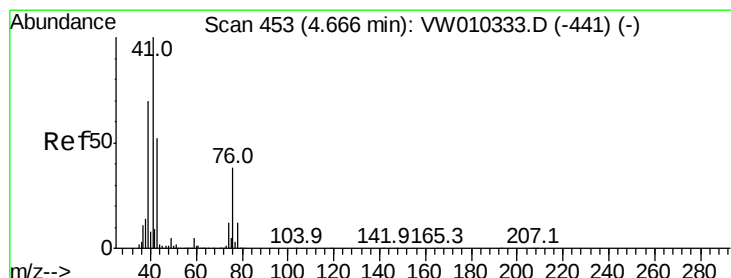
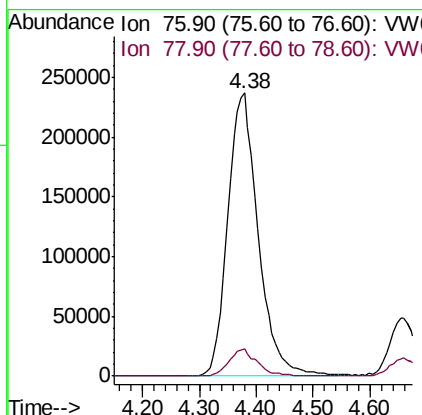
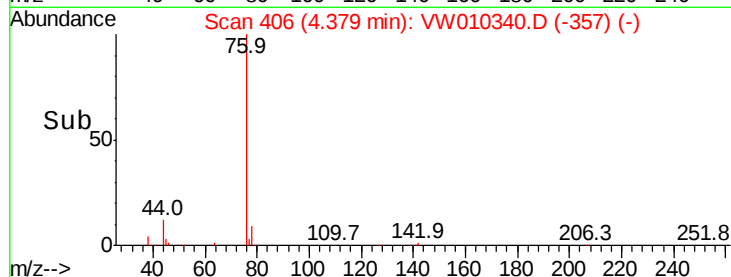
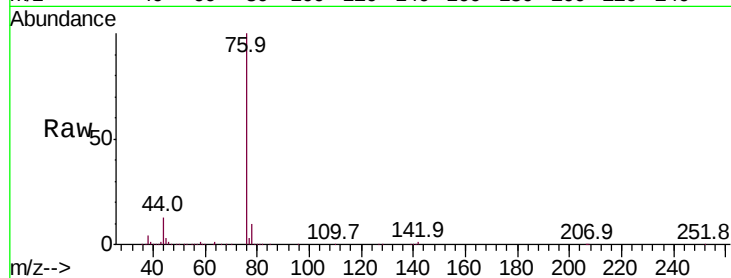
78 9.6 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 17.759 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010340.D

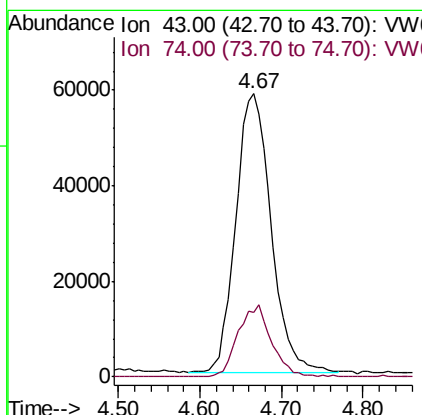
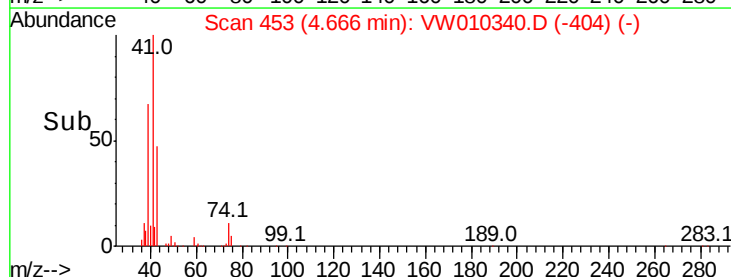
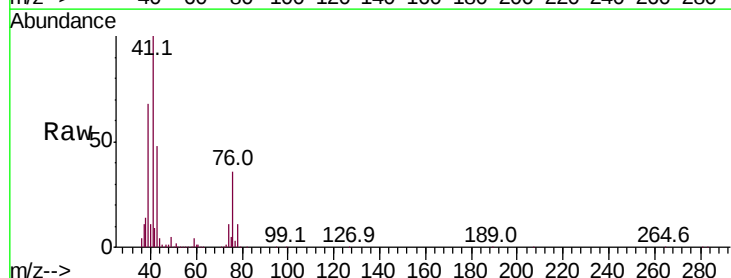
Acq: 09 May 2019 16:52

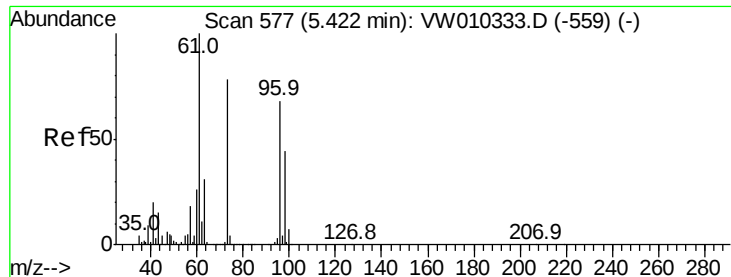
Tgt Ion: 43 Resp: 176326

Ion Ratio Lower Upper

43 100

74 24.2 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 20.621 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

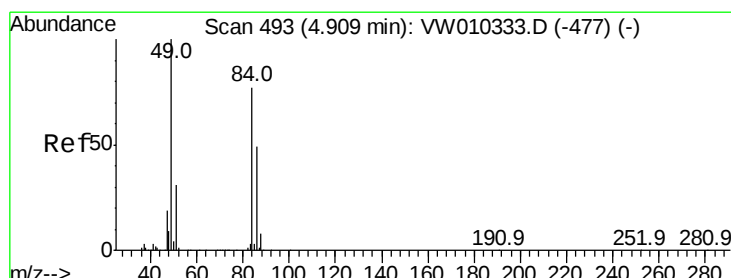
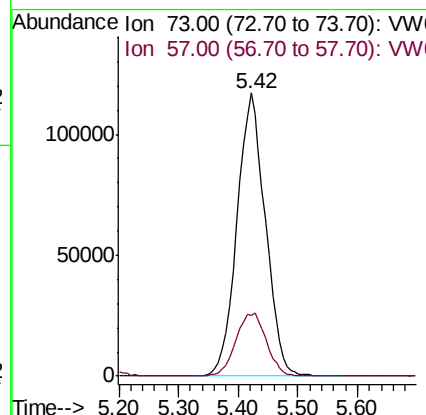
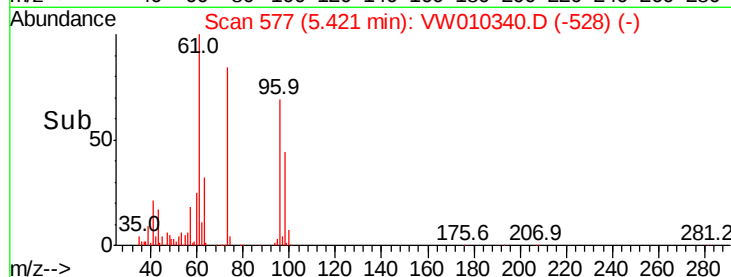
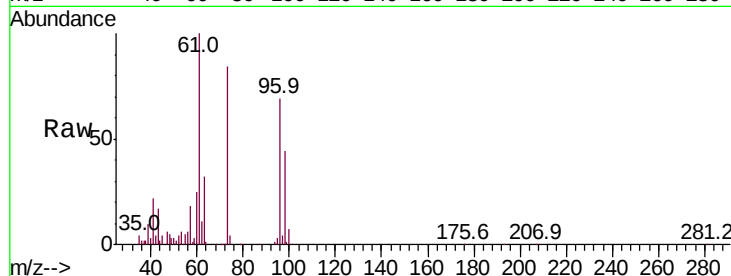
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 73 Resp: 387145

Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.5	27.7

Manual Integrations
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#20

Methylene Chloride

Concen: 19.282 ug/l

RT: 4.91 min Scan# 493

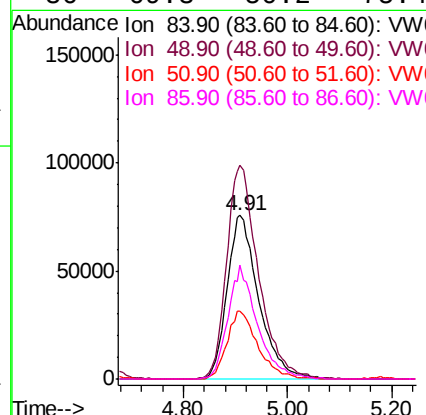
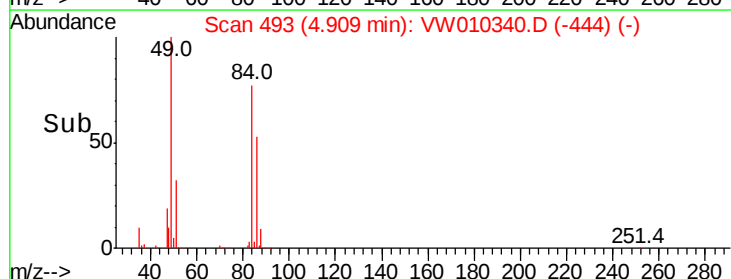
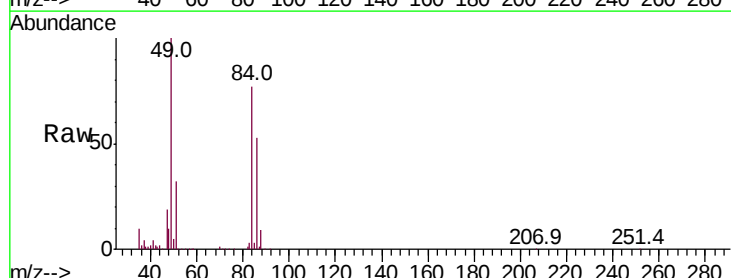
Delta R.T. -0.00 min

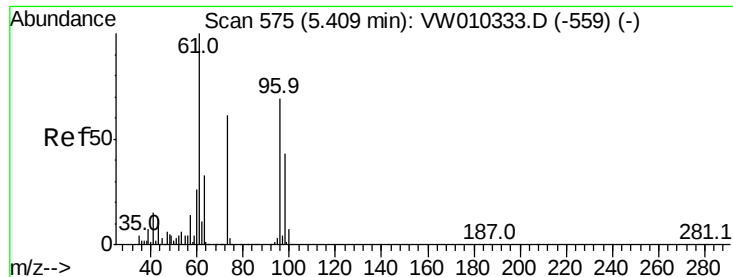
Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion: 84 Resp: 322379

Ion	Ratio	Lower	Upper
84	100		
49	130.3	112.3	168.5
51	41.2	33.9	50.9
86	69.3	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 19.119 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

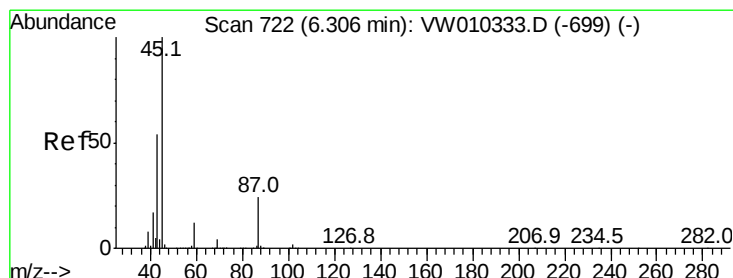
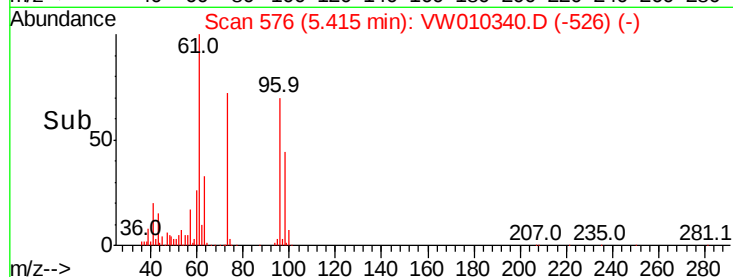
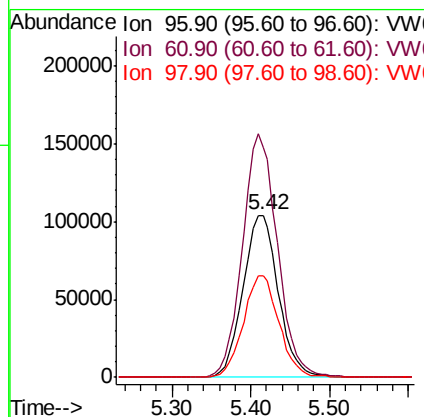
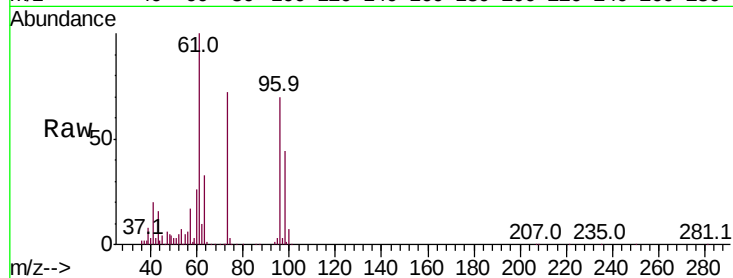
ClientSampleId :

VW0509SBS01

Tot Ion:	96	Resp:	324566
Ion	Ratio	Lower	Upper
96	100		
61	142.2	122.3	183.5
98	62.8	50.5	75.7

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#22

Diisopropyl ether

Concen: 21.529 ug/l

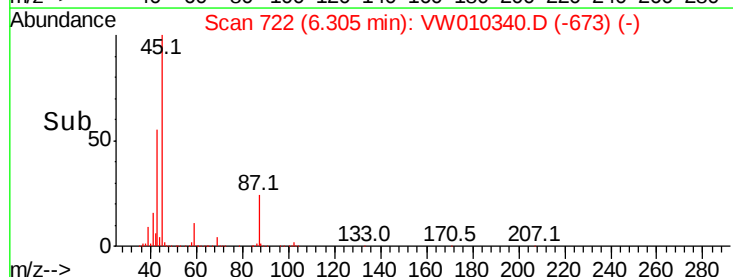
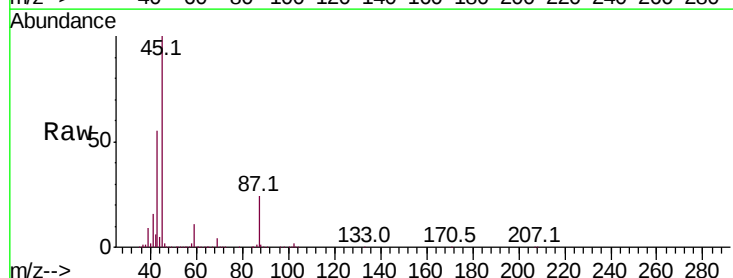
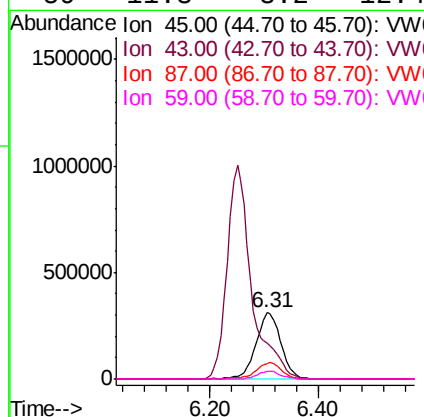
RT: 6.31 min Scan# 722

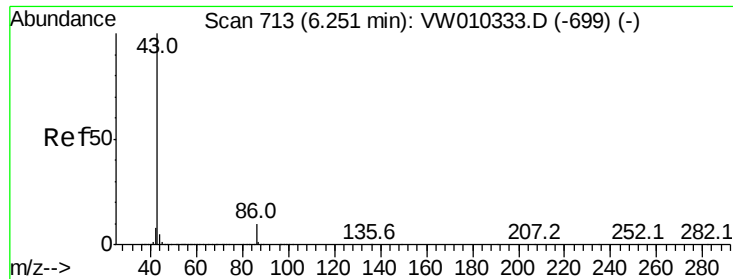
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	45	Resp:	983659
Ion	Ratio	Lower	Upper
45	100		
43	55.0	46.1	69.1
87	23.6	18.3	27.5
59	11.3	8.2	12.4





#23

Vinyl Acetate

Concen: 100.766 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 43 Resp: 3161316

Ion Ratio Lower Upper

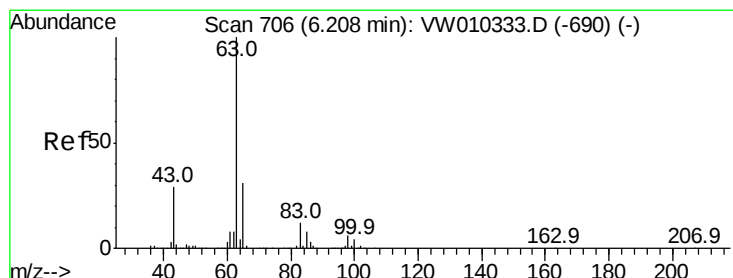
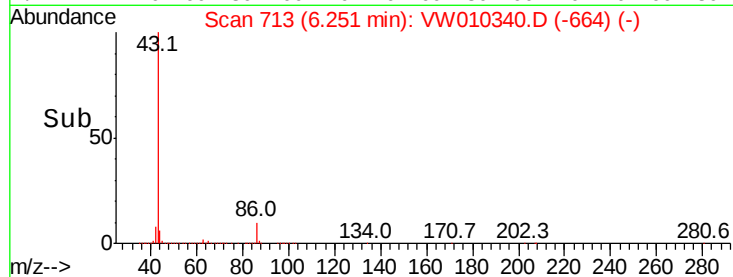
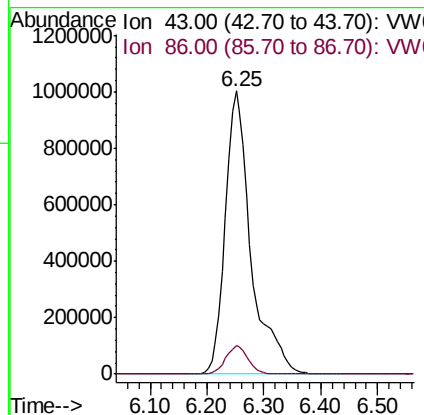
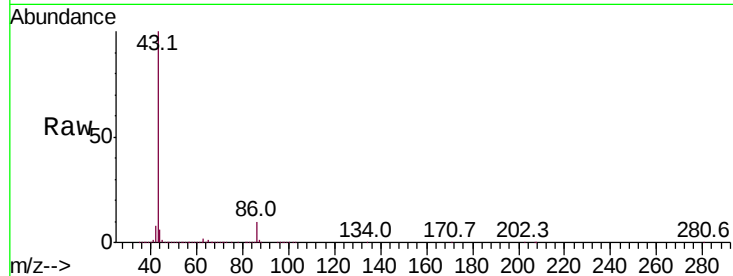
43 100

86 10.3 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 19.532 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

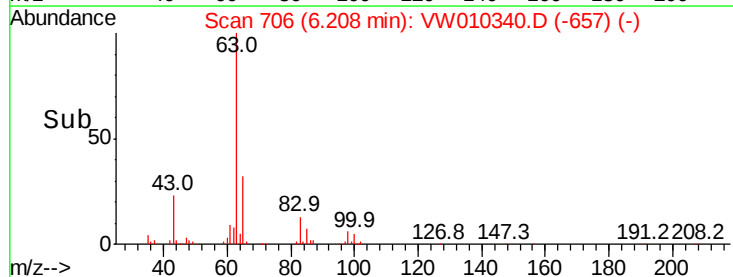
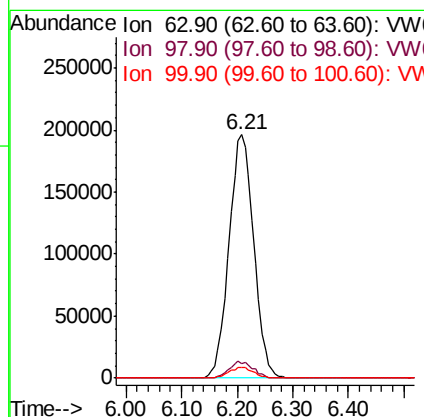
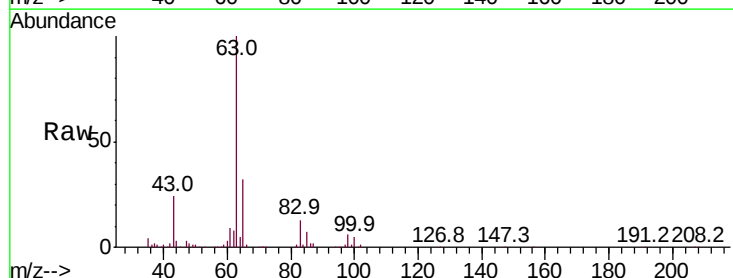
Tgt Ion: 63 Resp: 600842

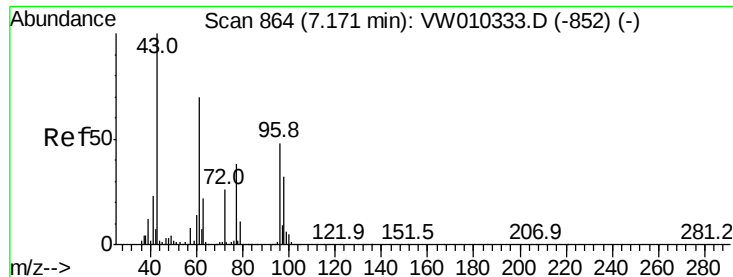
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 91.090 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 43 Resp: 558589

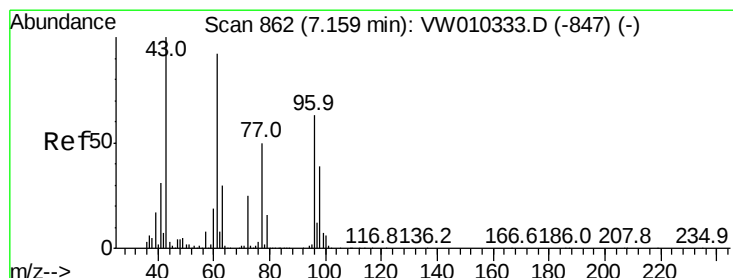
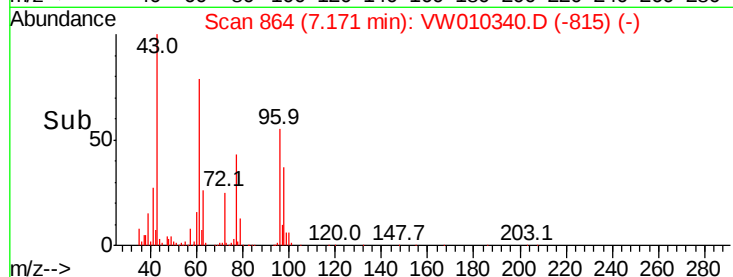
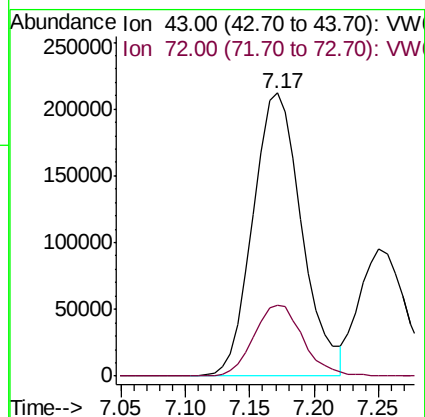
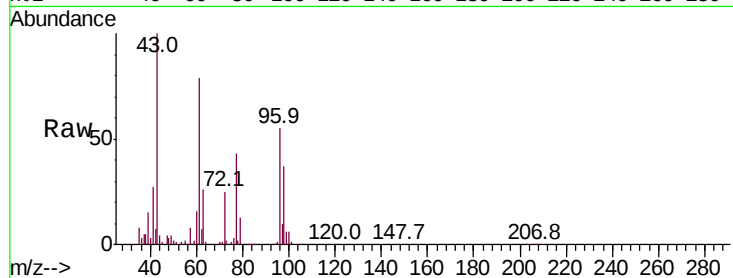
Ion Ratio Lower Upper

43 100

72 25.3 19.1 28.7

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#26

2,2-Dichloropropane

Concen: 19.538 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010340.D

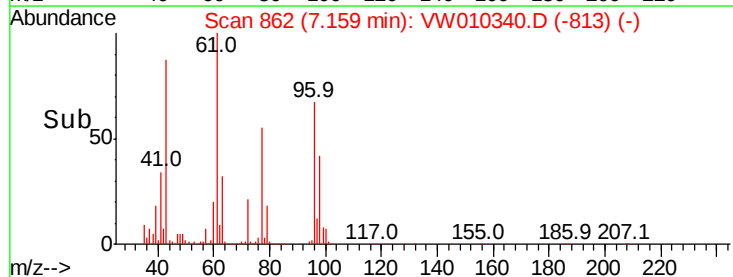
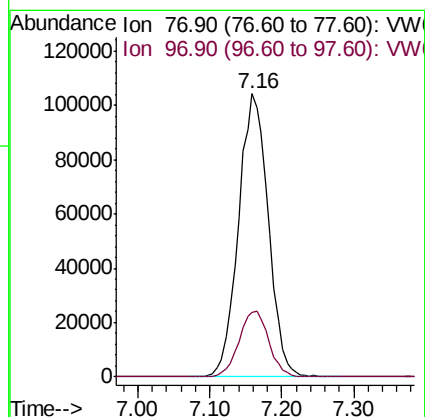
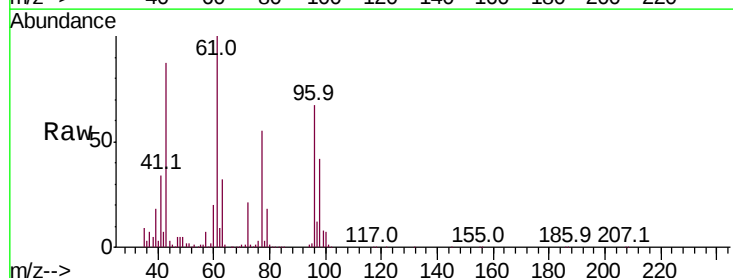
Acq: 09 May 2019 16:52

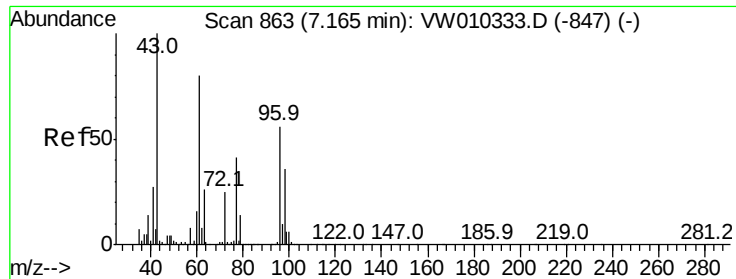
Tgt Ion: 77 Resp: 299034

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

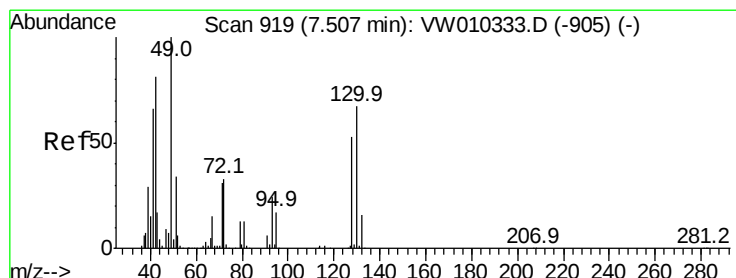
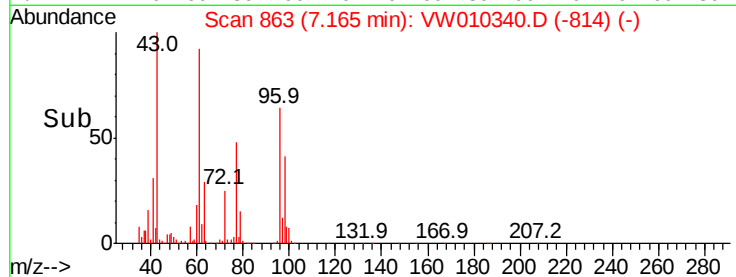
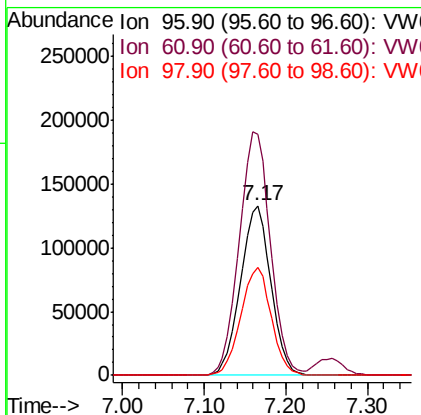
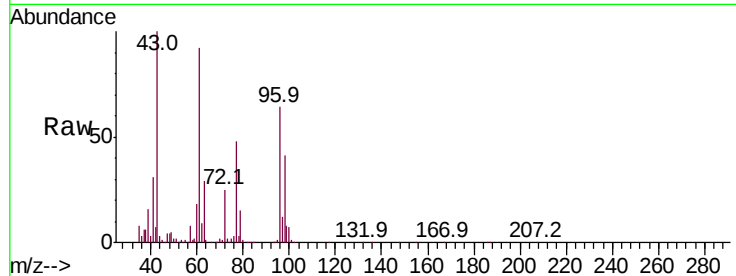
cis-1,2-Dichloroethene
 Concen: 19.775 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	345250		
61	147.1	0.0	309.4	
98	63.9	0.0	128.6	

Manual Integrations
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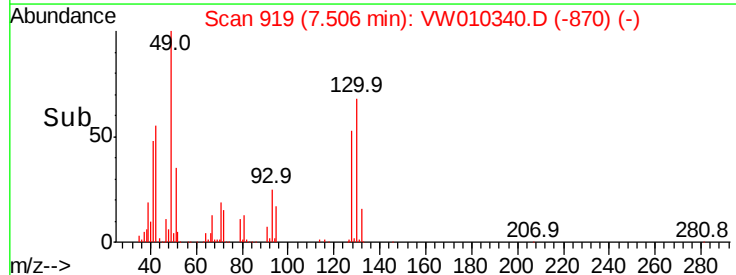
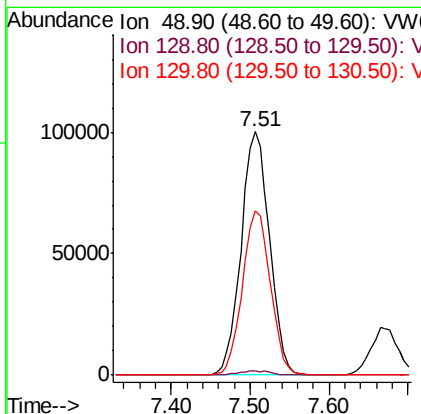
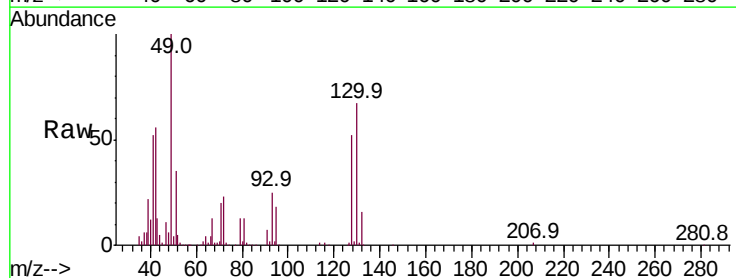
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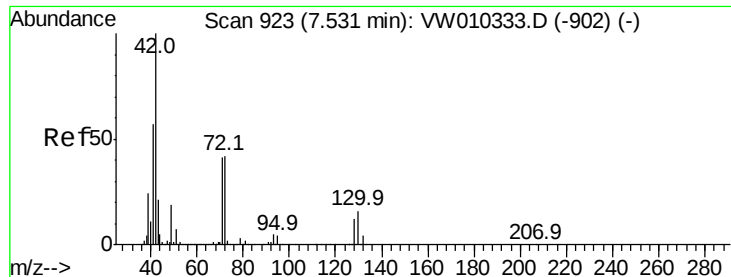


#28

Bromochloromethane
 Concen: 22.120 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	250862		
129	1.8	0.0	3.8	
130	66.7	54.6	82.0	





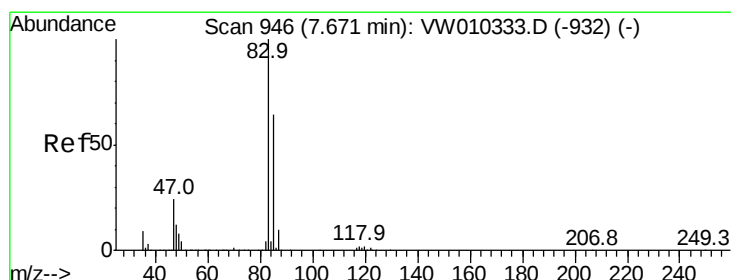
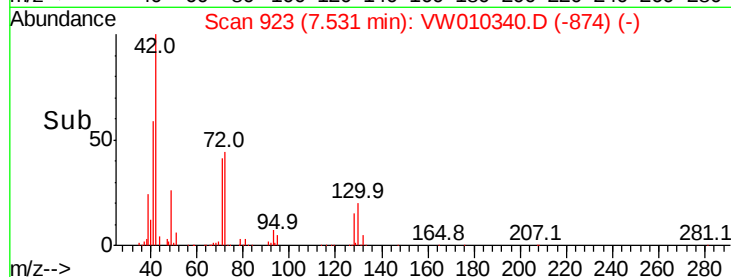
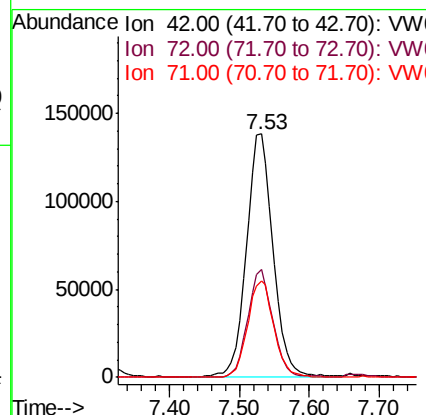
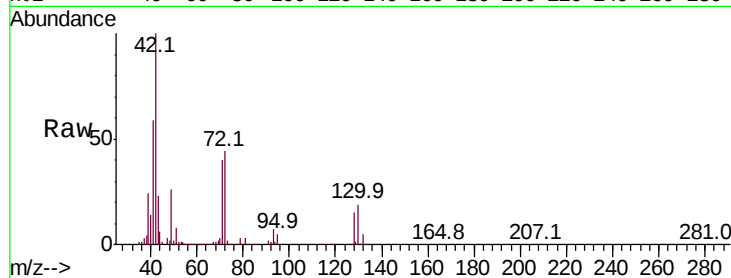
#29
Tetrahydrofuran
Concen: 91.518 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	42.1	31.0	46.6	
71	39.4	29.7	44.5	

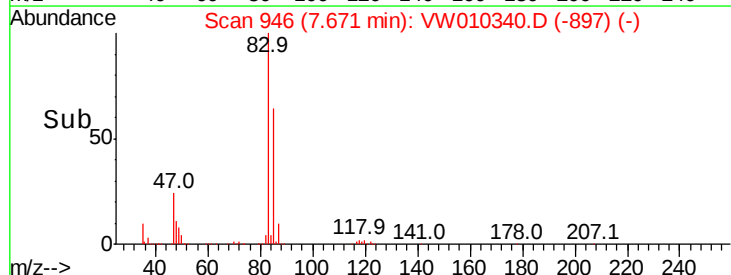
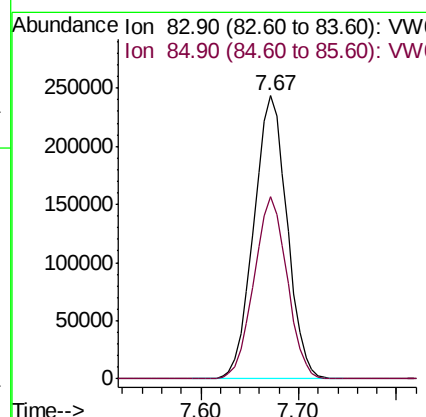
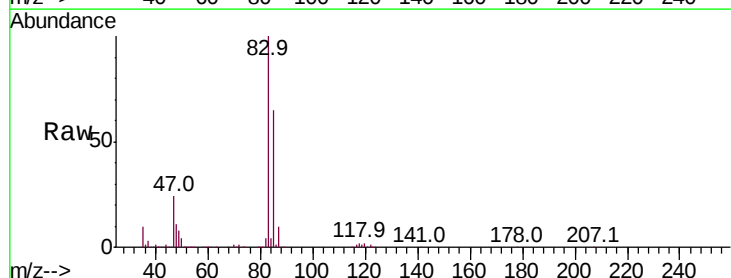
Manual Integrations
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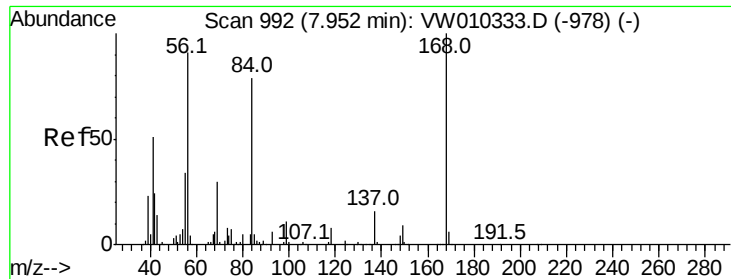
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#30
Chloroform
Concen: 20.099 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	50.7	76.1	





#31

Cyclohexane

Concen: 19.237 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

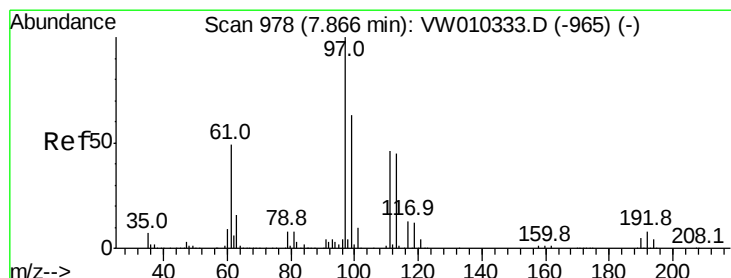
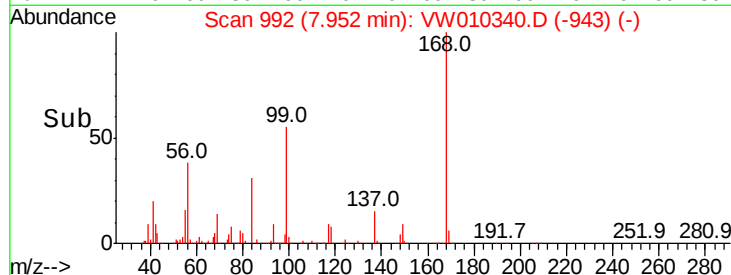
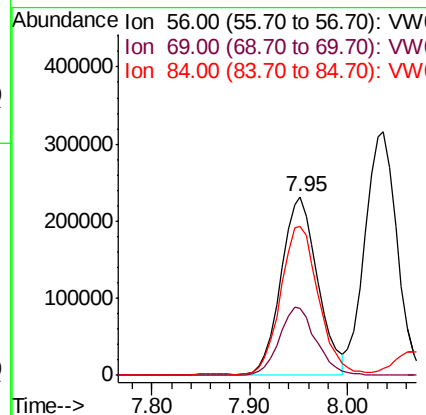
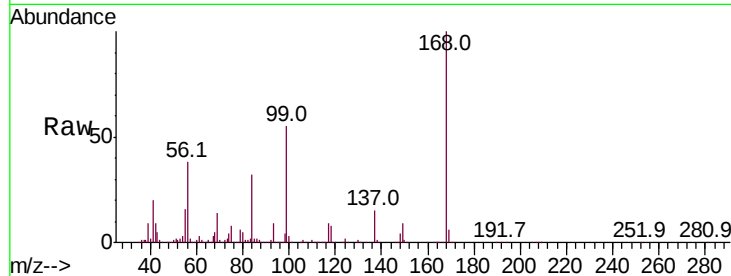
ClientSampled :

VW0509SBS01

Tot Ion:	56	Resp:	605887
Ion Ratio	Lower	Upper	
56	100		
69	37.3	26.6	40.0
84	83.4	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 19.423 ug/l

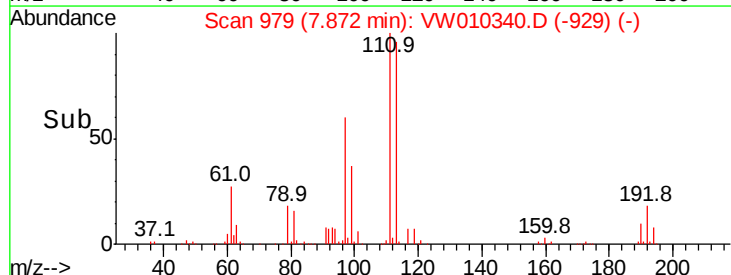
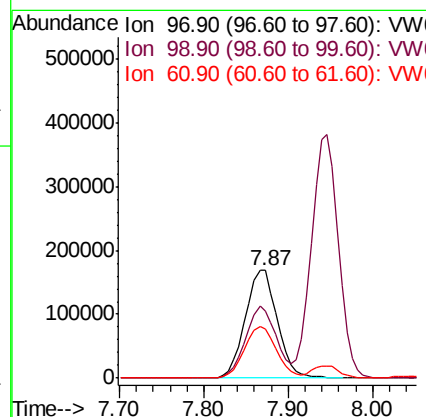
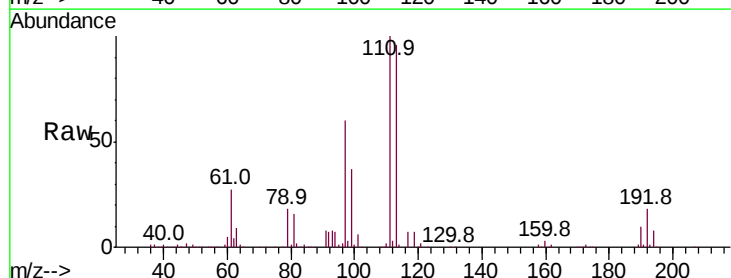
RT: 7.87 min Scan# 979

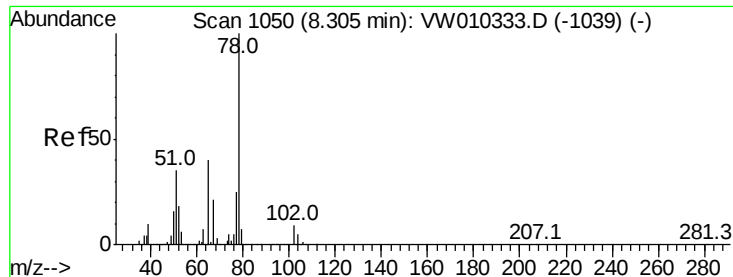
Delta R.T. 0.01 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	97	Resp:	433115
Ion Ratio	Lower	Upper	
97	100		
99	64.1	50.2	75.2
61	48.0	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 53.136 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 65 Resp: 817038

Ion Ratio Lower Upper

65 100

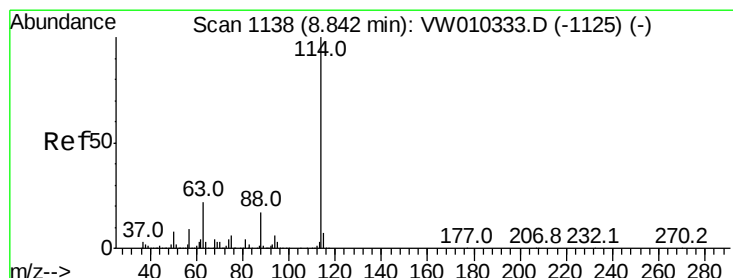
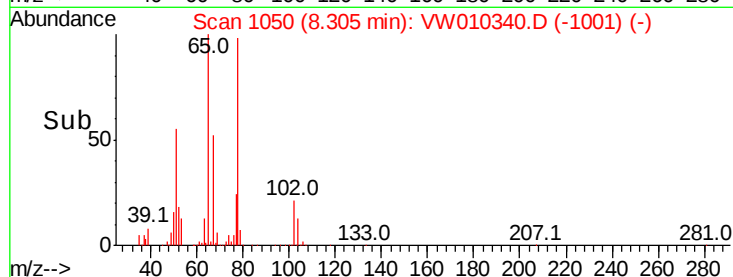
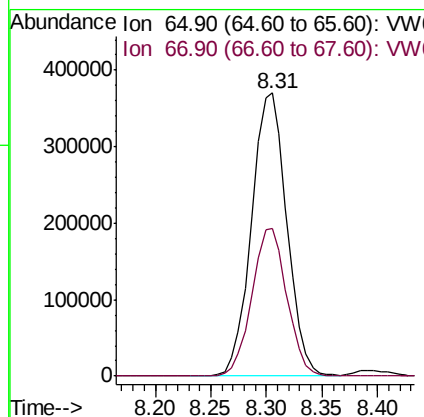
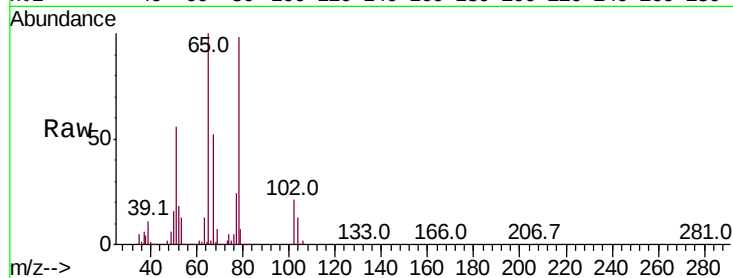
67 51.9 0.0 100.8

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: VW010340.D

Acq: 09 May 2019 16:52

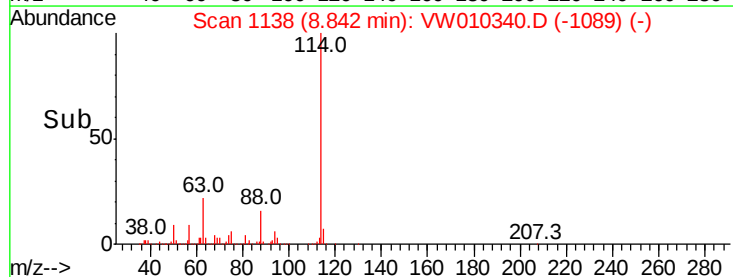
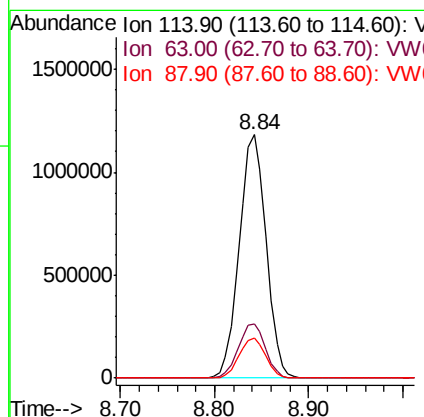
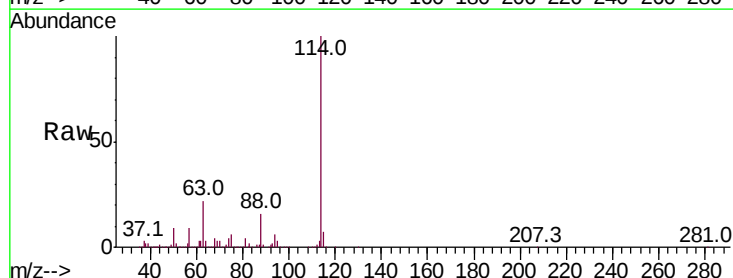
Tgt Ion: 114 Resp: 2333439

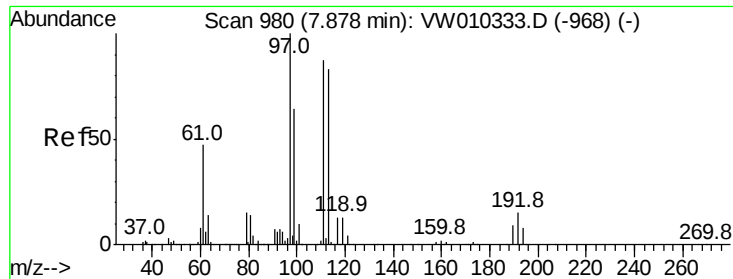
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.715 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

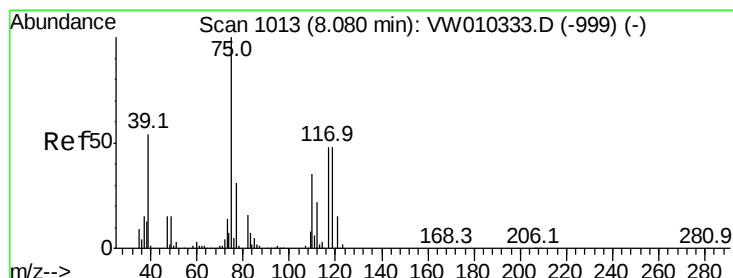
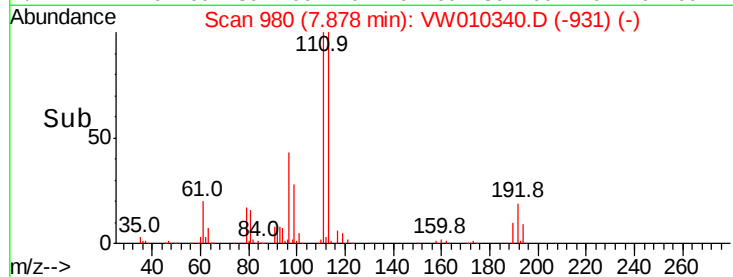
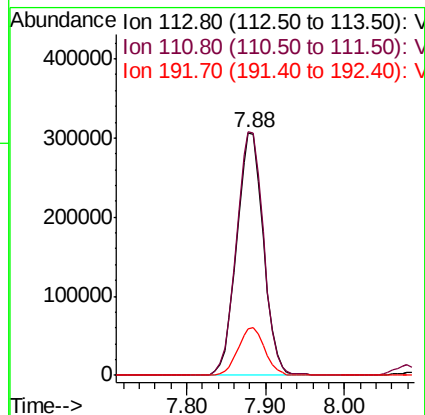
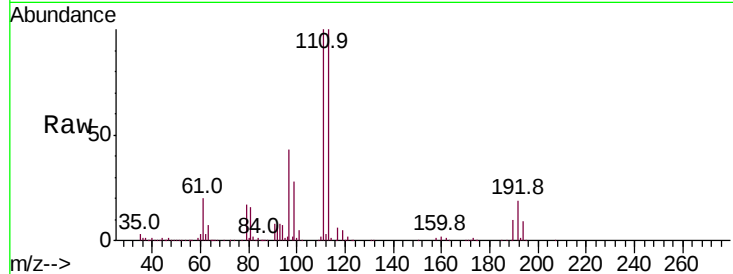
ClientSampleId :

VW0509SBS01

Tot Ion:	113	Resp:	719828
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.6	123.8
192	19.7	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 19.163 ug/l

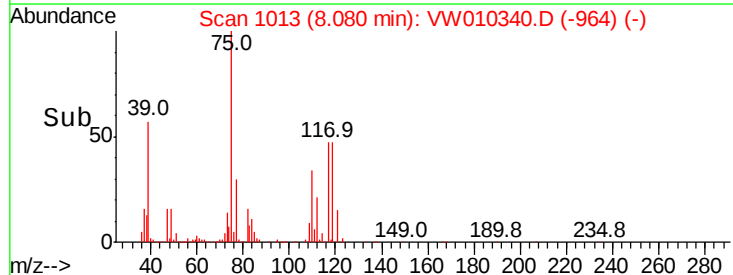
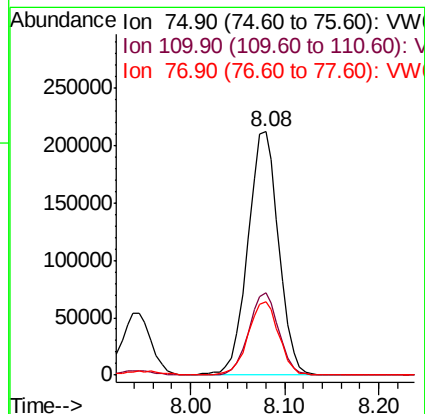
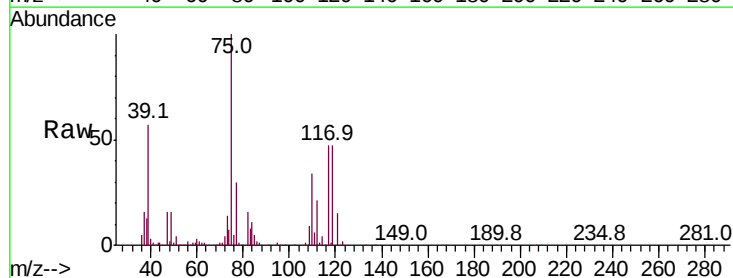
RT: 8.08 min Scan# 1013

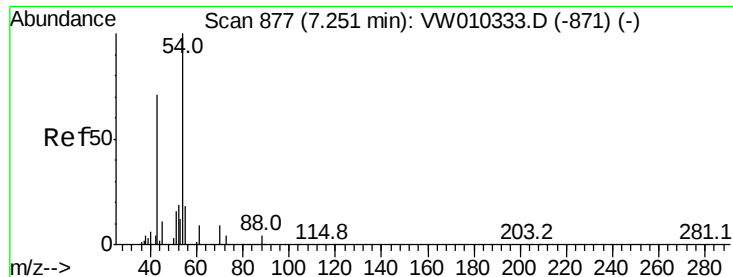
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	75	Resp:	484839
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.6	49.8
77	30.3	24.8	37.2





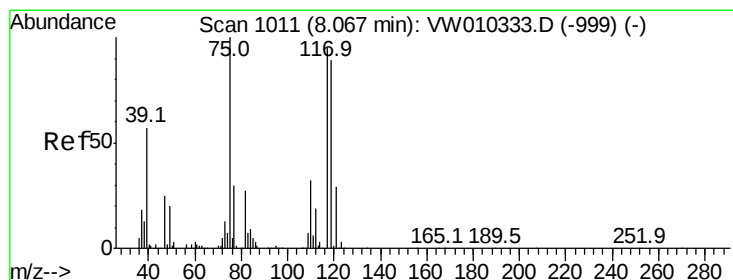
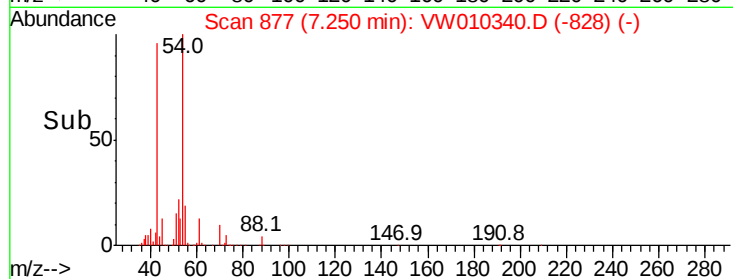
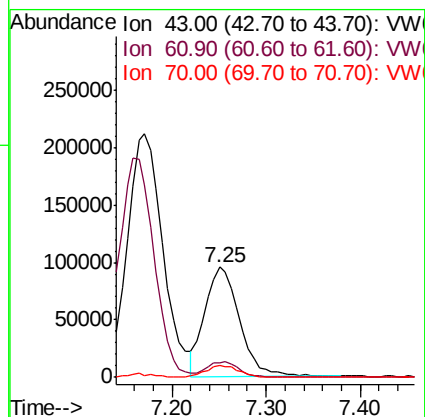
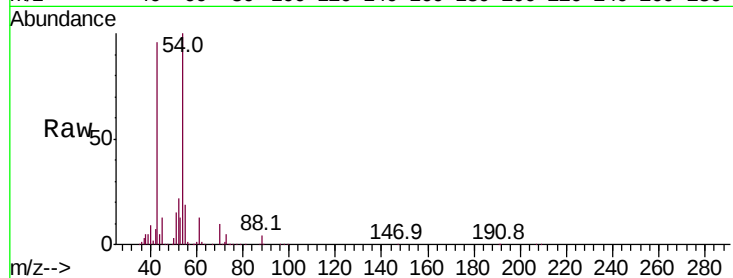
#37
Ethyl Acetate
Concen: 18.038 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.8	14.8
70	10.3	7.4	11.0

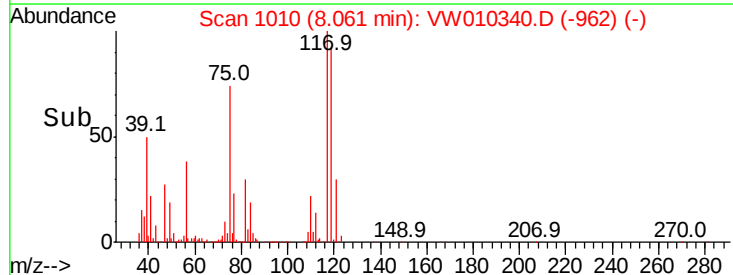
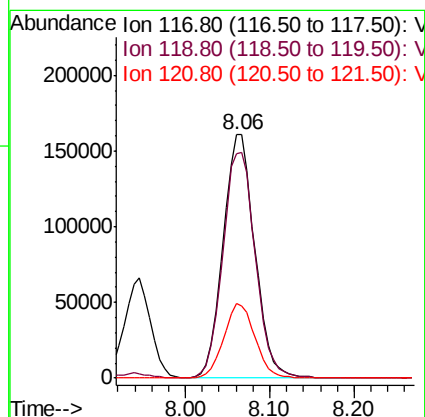
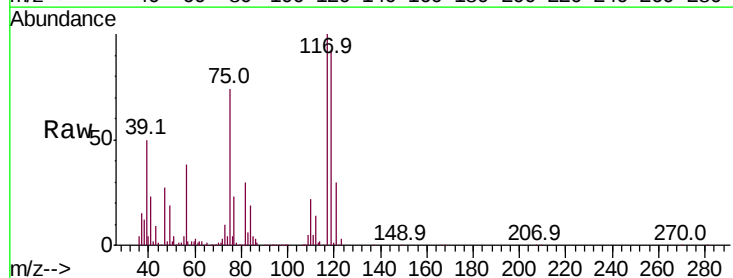
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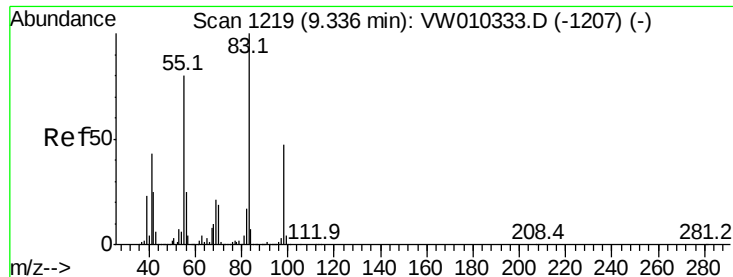
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.000 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.3	112.9
121	30.5	24.4	36.6





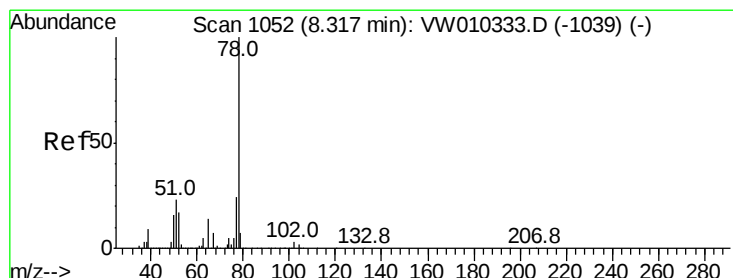
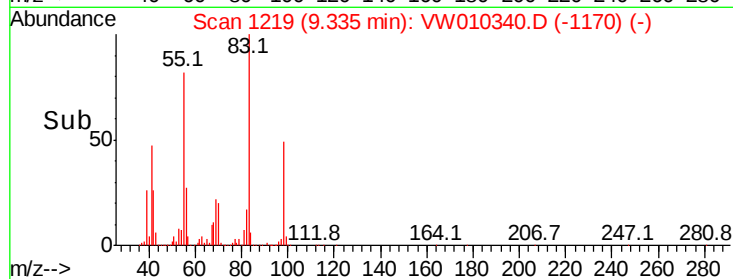
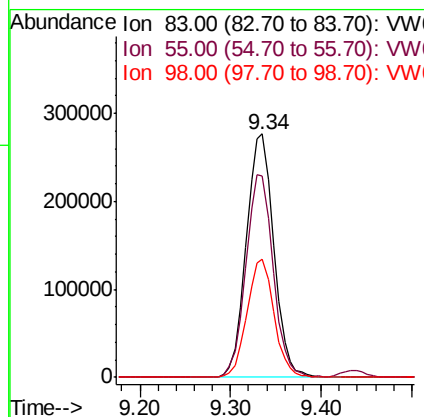
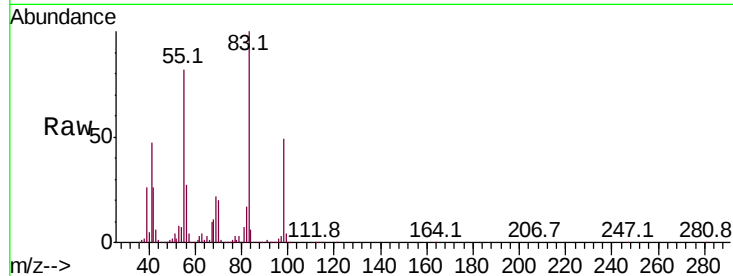
#39
Methvlcvclohexane
Concen: 18.764 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.5	67.1	100.7	
98	48.8	39.2	58.8	

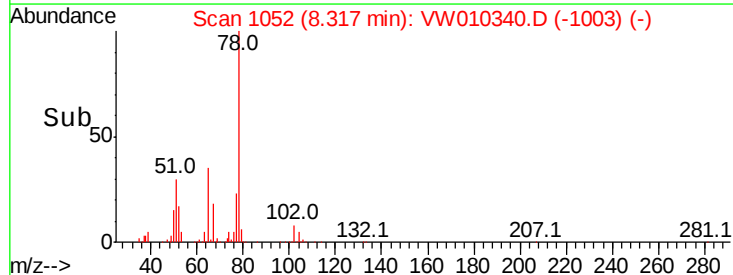
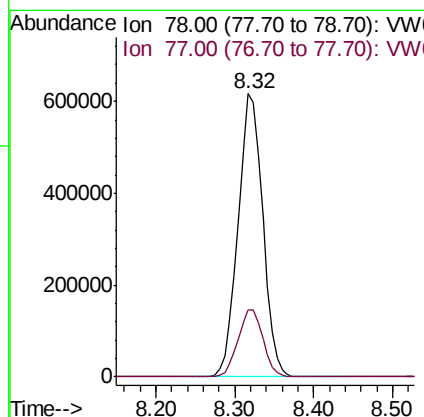
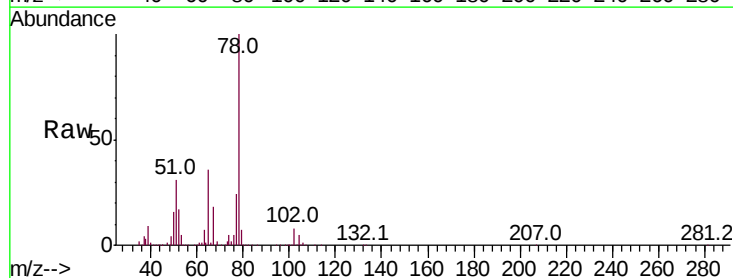
Manual Integrations
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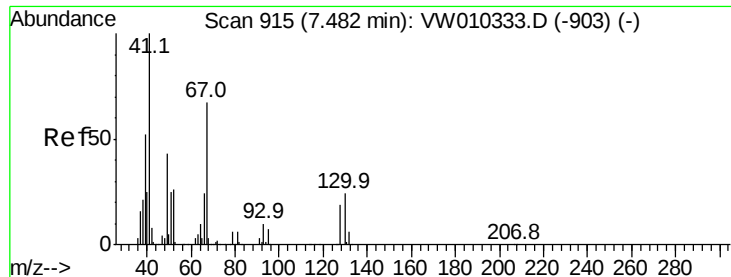
MMDadoda
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#40
Benzene
Concen: 19.436 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.1	28.7	





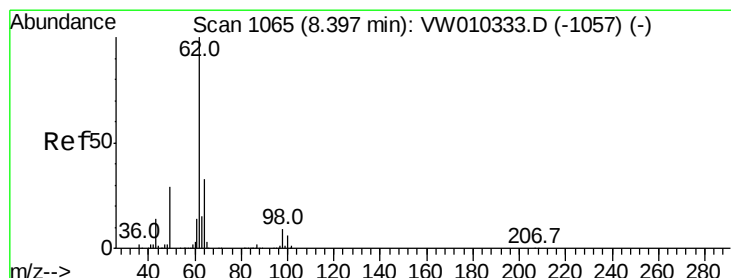
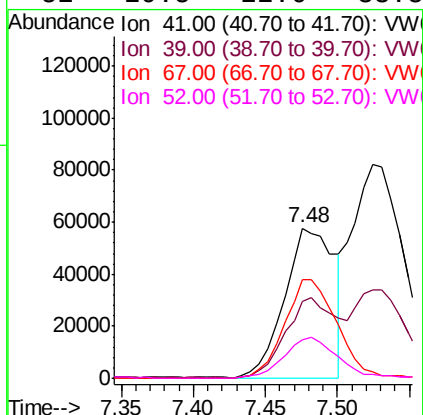
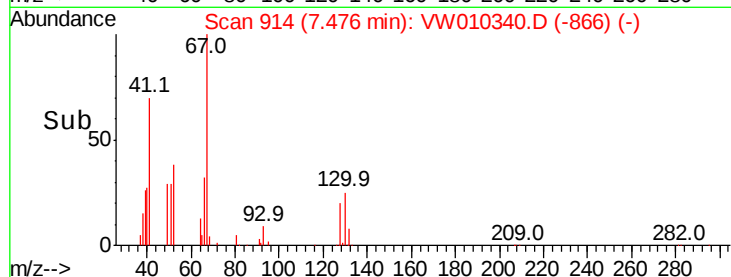
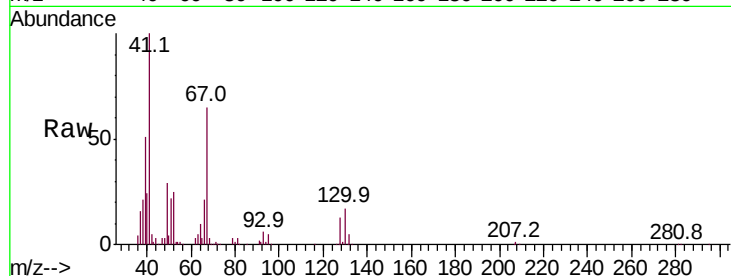
#41
Methacrylonitrile
Concen: 18.466 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.0	67.4
67	69.2	50.7	76.1
52	29.5	22.6	33.8

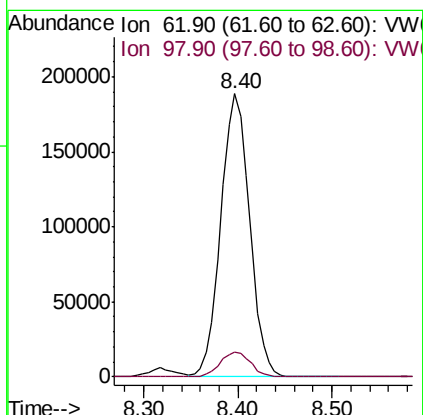
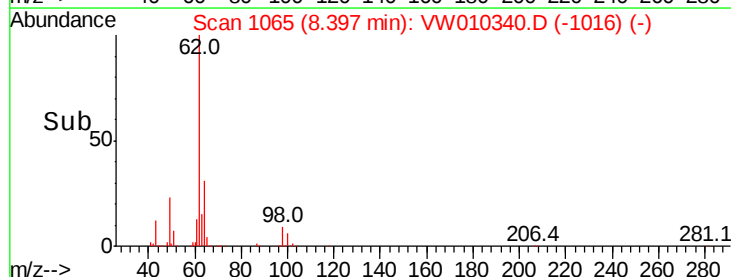
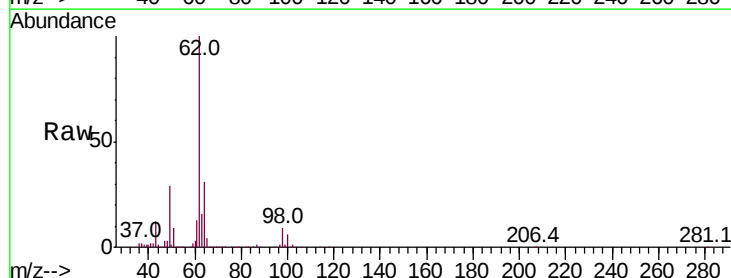
Manual Integrations
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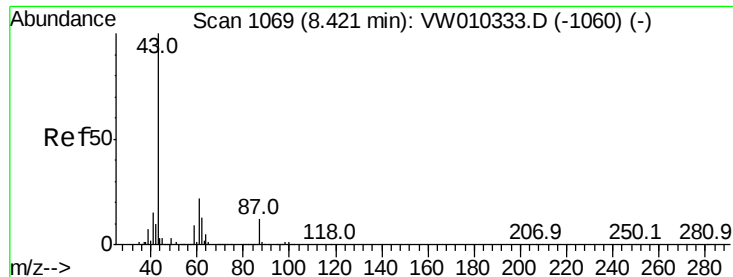
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.187 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.984 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

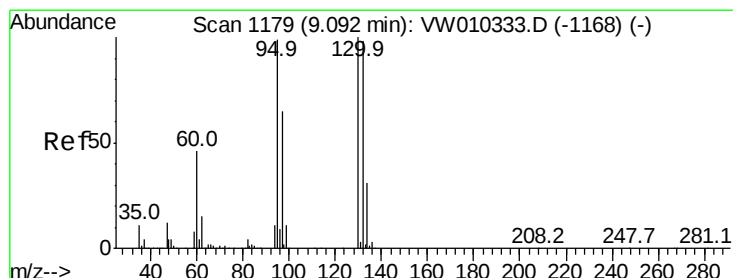
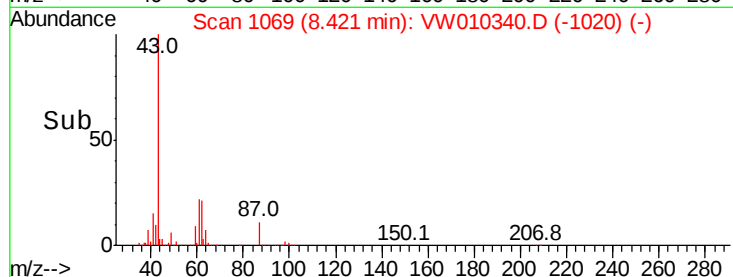
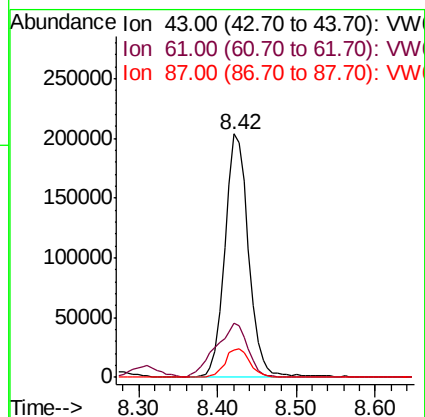
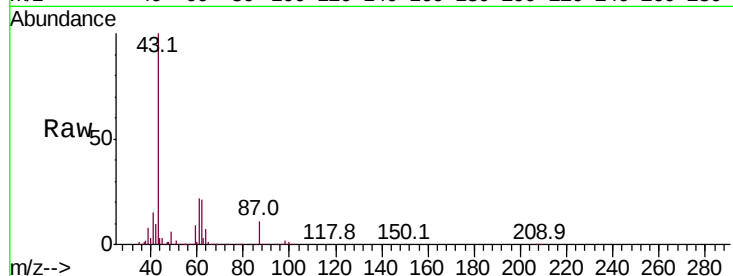
ClientSampleId :

VW0509SBS01

Tot Ion:	43	Resp:	424133
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.0	34.6
87	12.2	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.218 ug/l

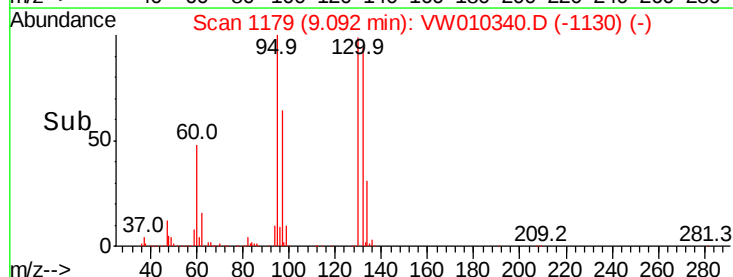
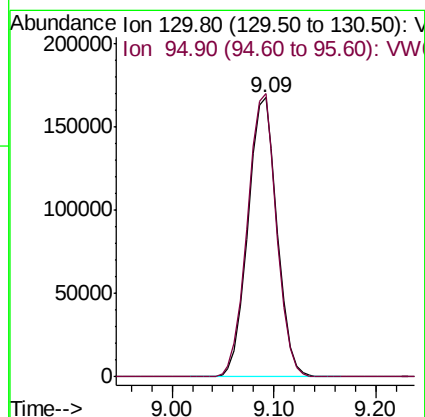
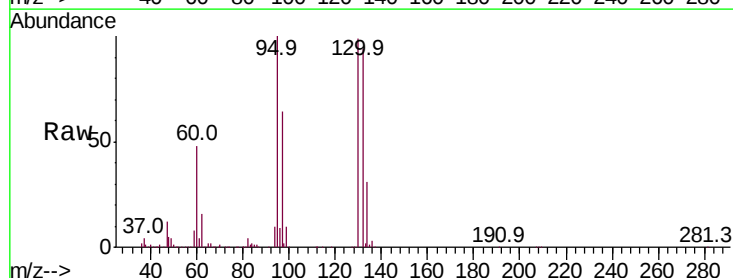
RT: 9.09 min Scan# 1179

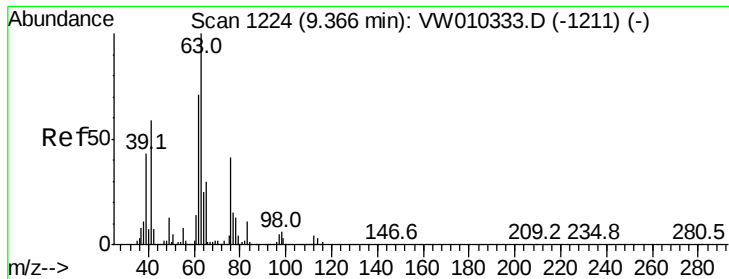
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	130	Resp:	333365
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	205.4





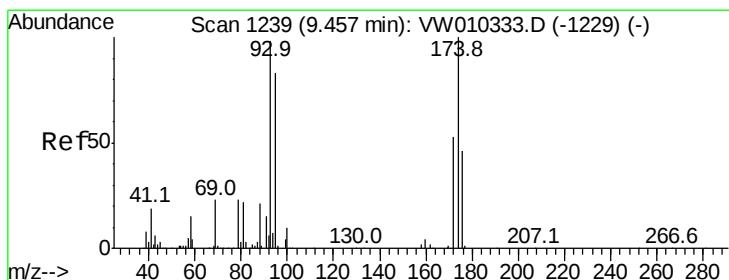
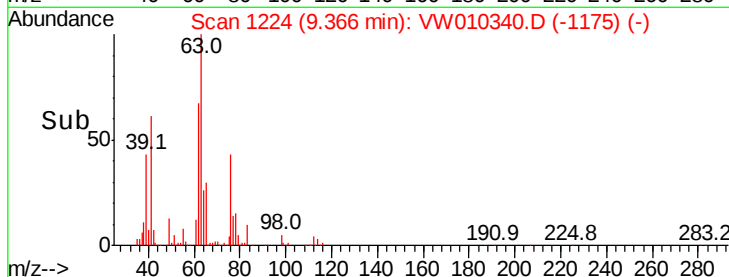
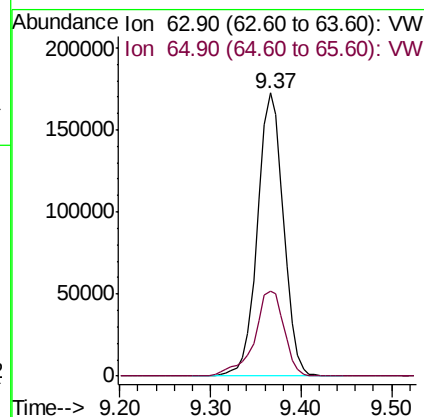
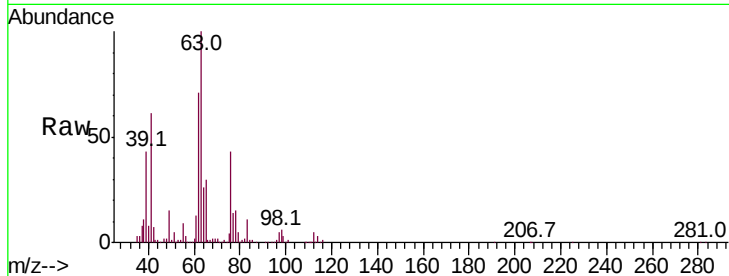
#45
 1,2-Dichloropropane
 Concen: 19.886 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	342498		
65	30.0		23.8	35.6

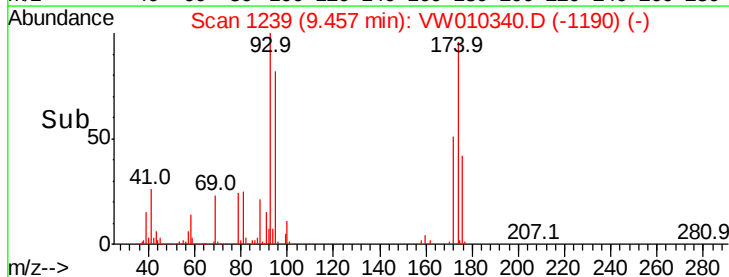
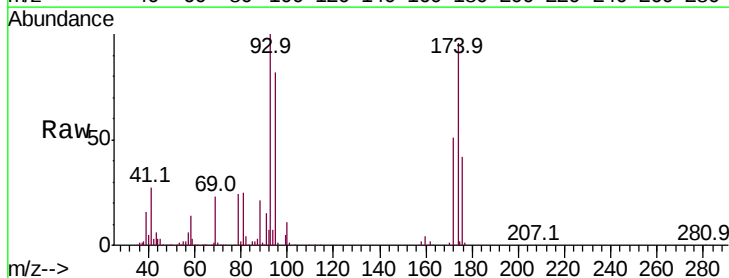
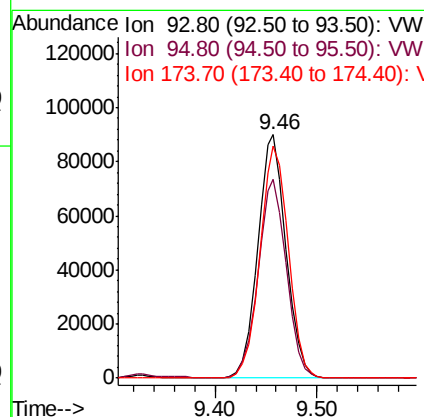
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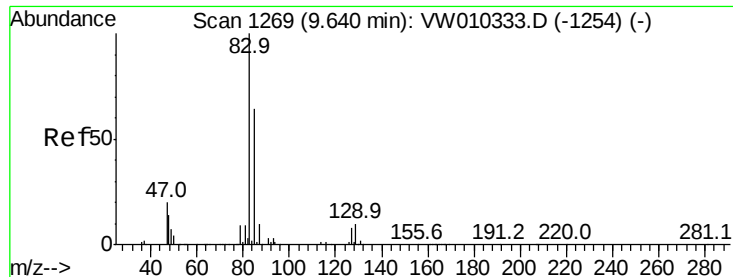
MMDadoda
 5/10/2019 10:07:46 AM



#46
 Dibromomethane
 Concen: 19.459 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173142		
95	81.9		65.8	98.8
174	96.5		75.5	113.3





#47

Bromodichloromethane

Concen: 19.654 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

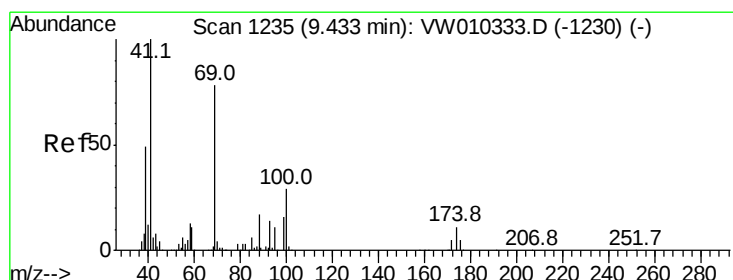
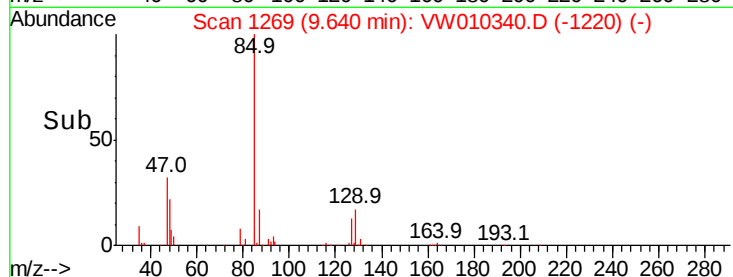
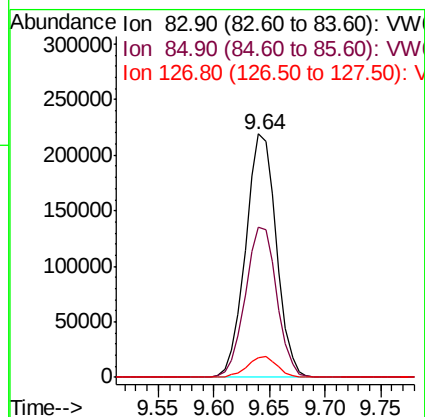
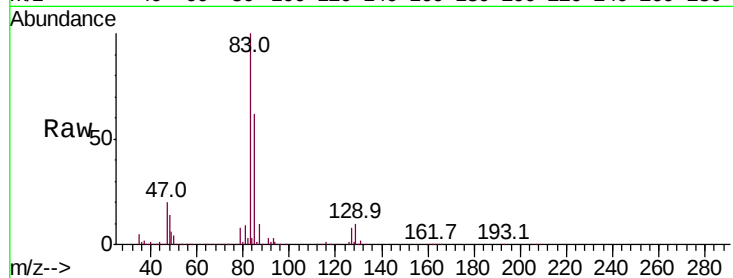
ClientSampleId :

VW0509SBS01

Tot Ion:	83	Resp:	419499
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.6	75.8
127	7.9	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.193 ug/l

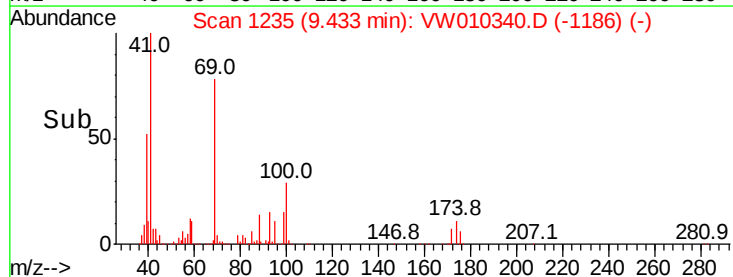
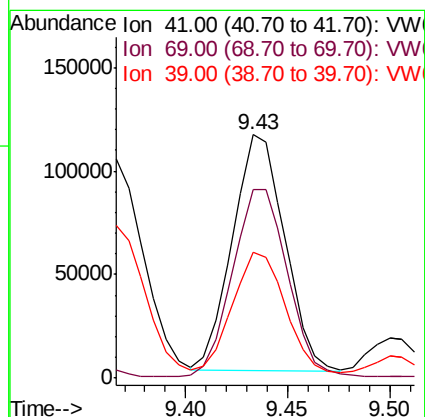
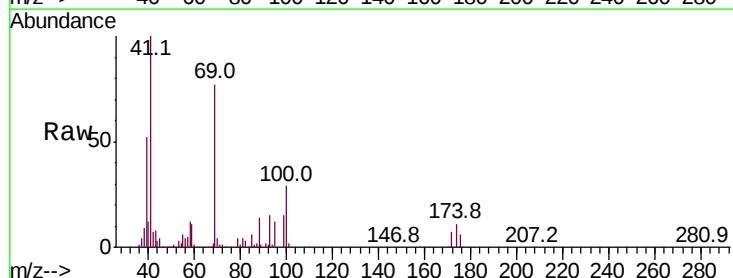
RT: 9.43 min Scan# 1235

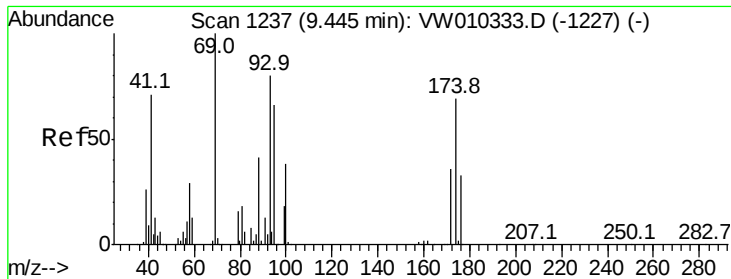
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	41	Resp:	202752
Ion	Ratio	Lower	Upper
41	100		
69	84.2	60.1	90.1
39	50.8	51.0	76.6#





#49

1,4-Dioxane

Concen: 372.785 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

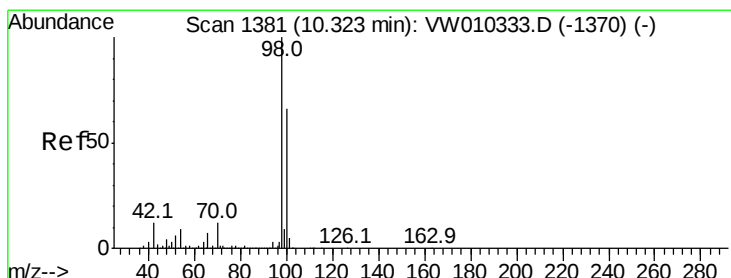
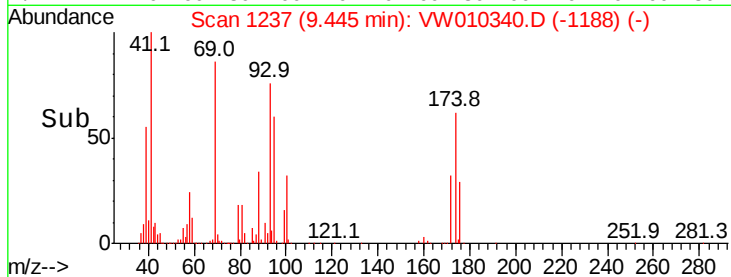
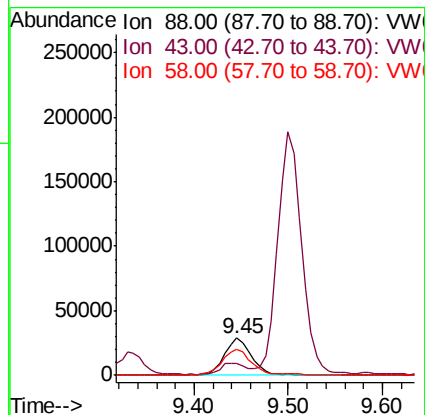
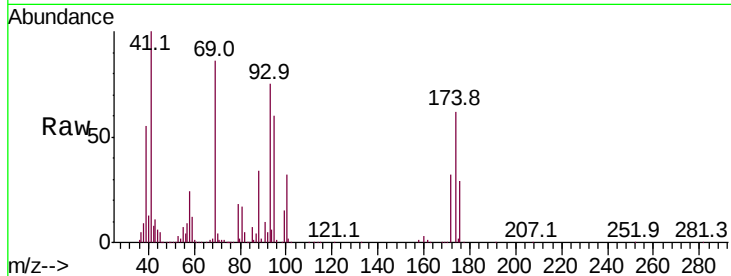
ClientSampleId :

VW0509SBS01

Tot Ion:	88	Resp:	57845
Ion	Ratio	Lower	Upper
88	100		
43	32.5	31.9	47.9
58	78.1	61.8	92.6

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#50

Toluene-d8

Concen: 52.458 ug/l

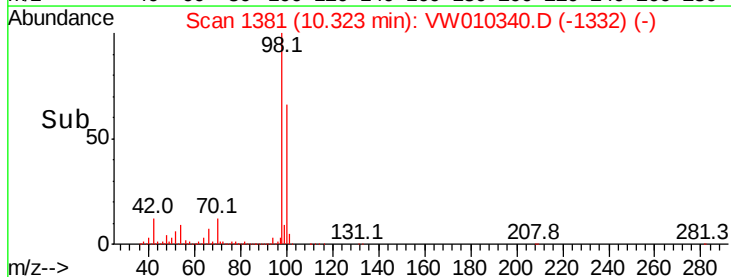
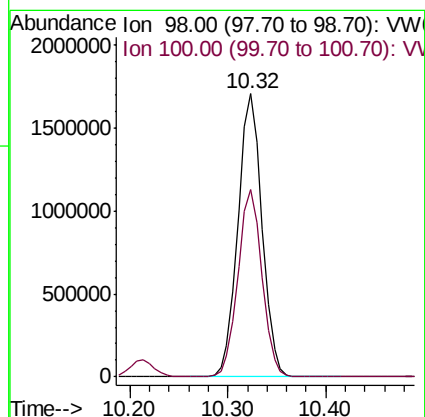
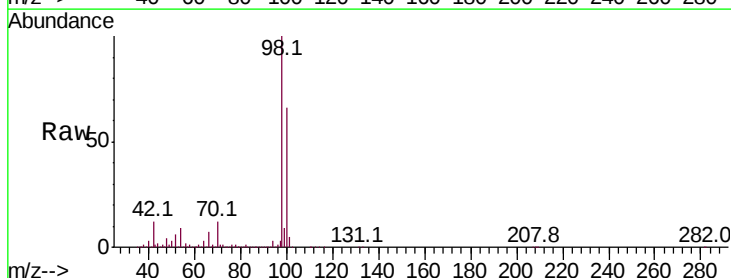
RT: 10.32 min Scan# 1381

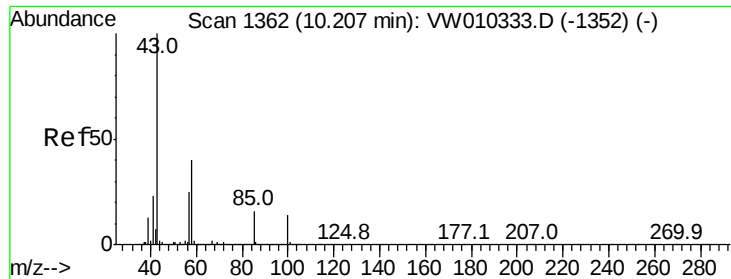
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	98	Resp:	2916816
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 95.136 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 43 Resp: 1218760

Ion Ratio Lower Upper

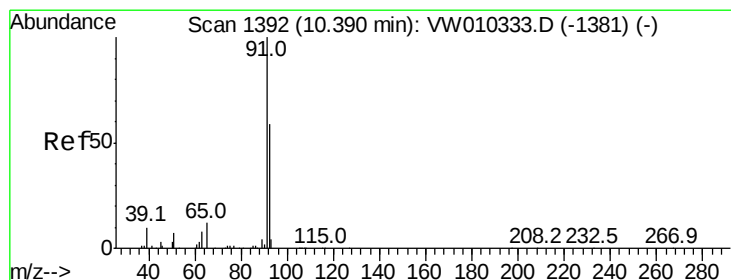
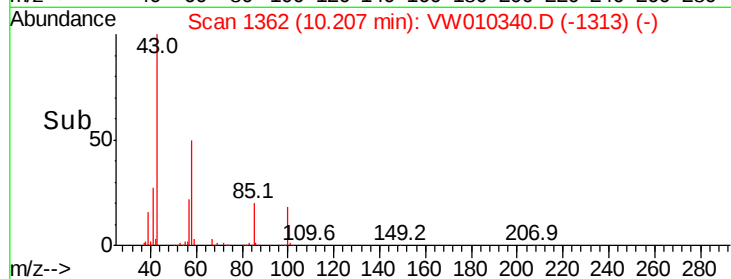
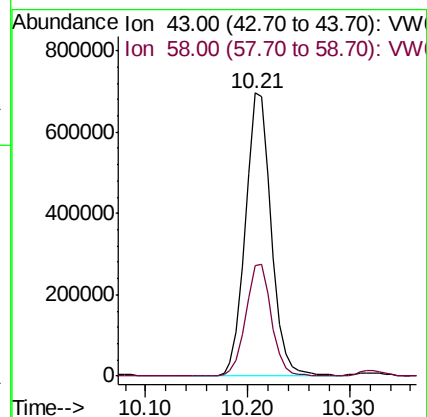
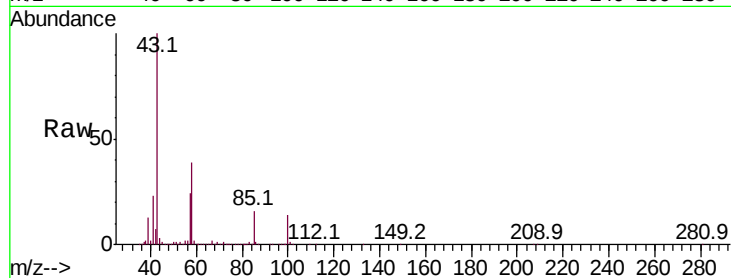
43 100

58 39.6 28.9 43.3

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#52

Toluene

Concen: 19.744 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010340.D

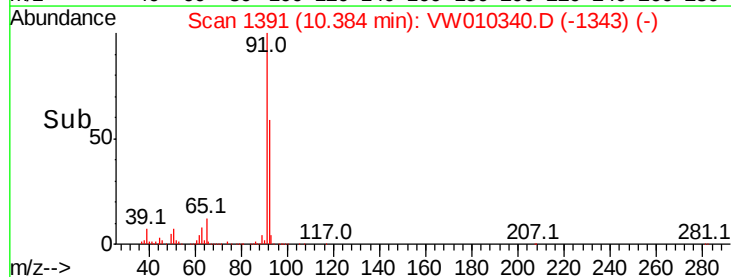
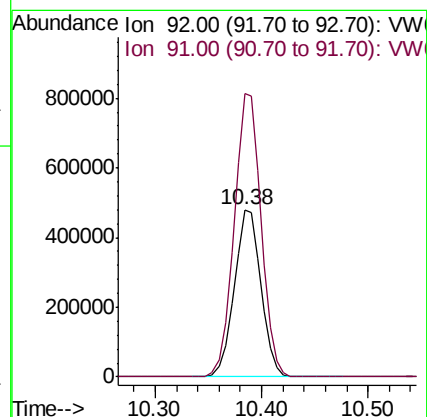
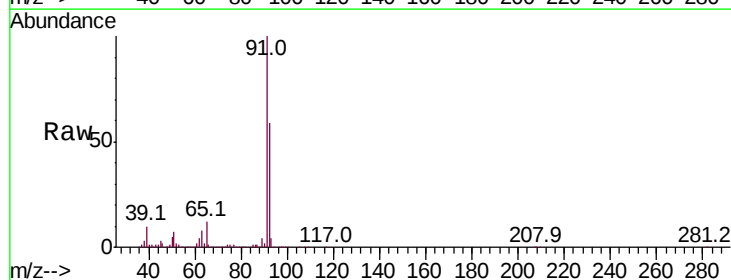
Acq: 09 May 2019 16:52

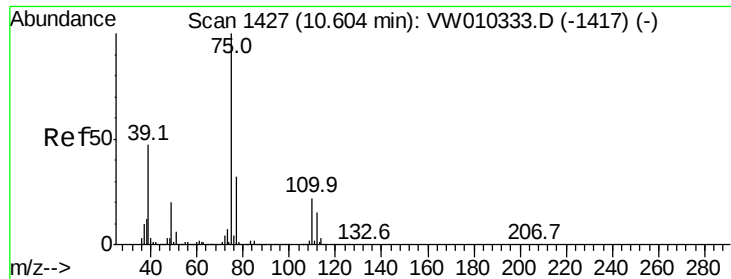
Tgt Ion: 92 Resp: 836184

Ion Ratio Lower Upper

92 100

91 171.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 19.703 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 75 Resp: 425966

Ion Ratio Lower Upper

75 100

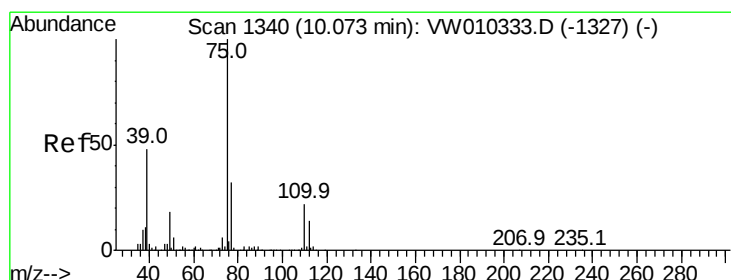
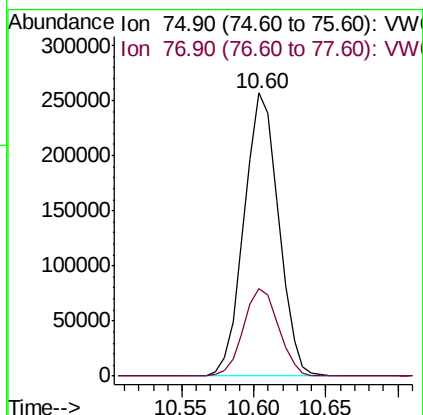
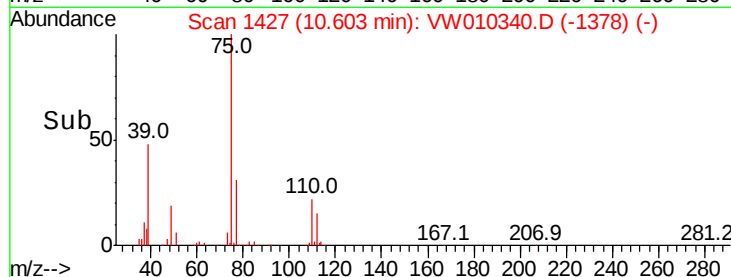
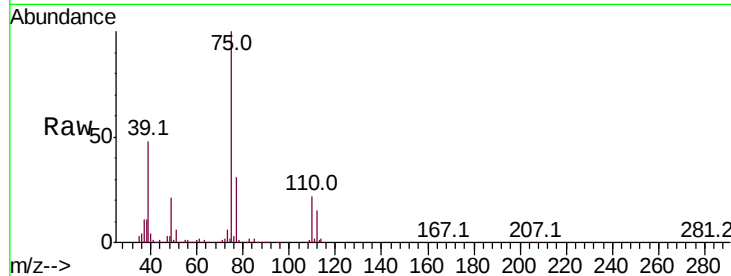
77 30.6 26.9 40.3

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#54

cis-1,3-Dichloropropene

Concen: 19.769 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

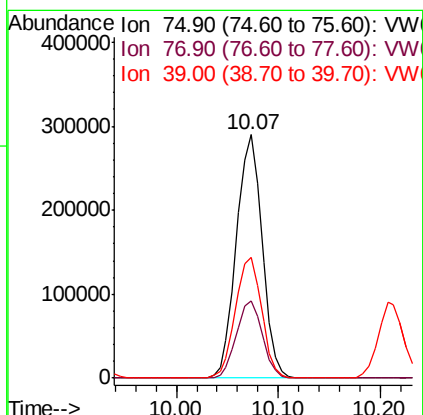
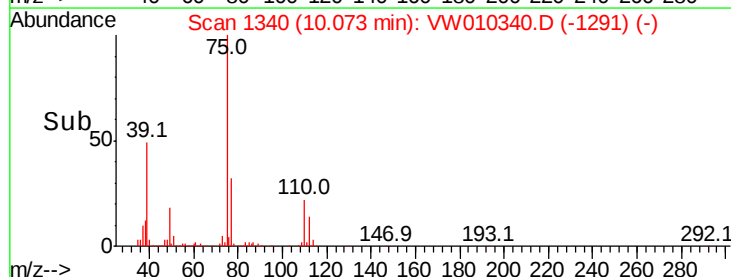
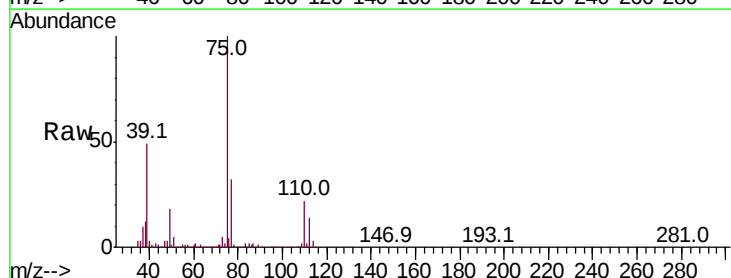
Tgt Ion: 75 Resp: 506165

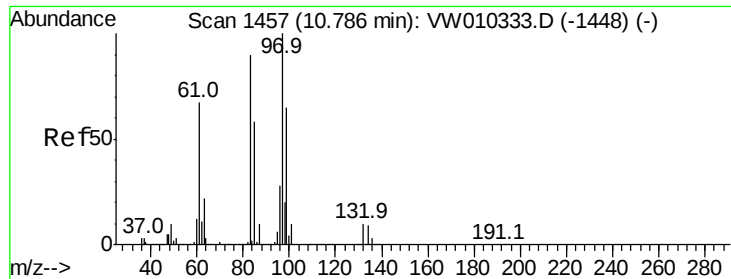
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 49.3 47.8 71.6





#55

1,1,2-Trichloroethane

Concen: 19.591 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 97 Resp: 247583

Ion Ratio Lower Upper

97 100

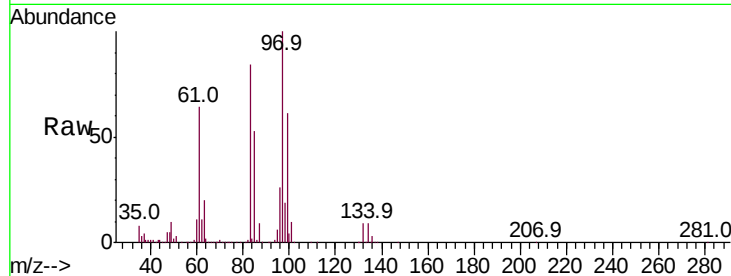
83 84.5 68.9 103.3

85 52.8 42.9 64.3

99 61.1 48.6 72.8

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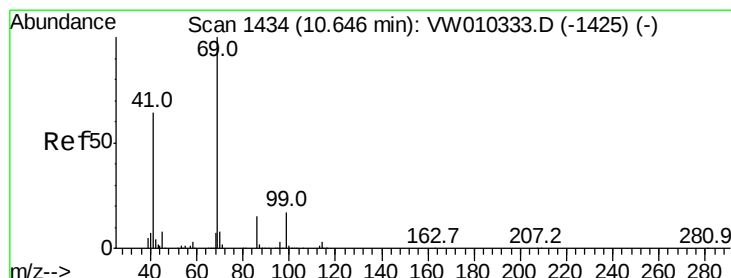
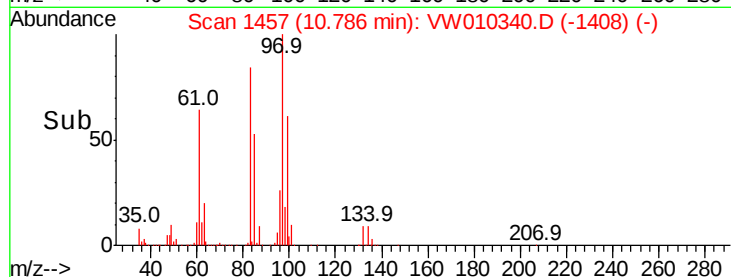
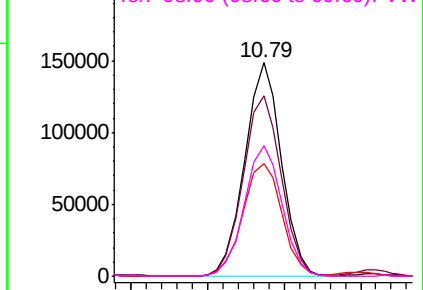


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.499 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

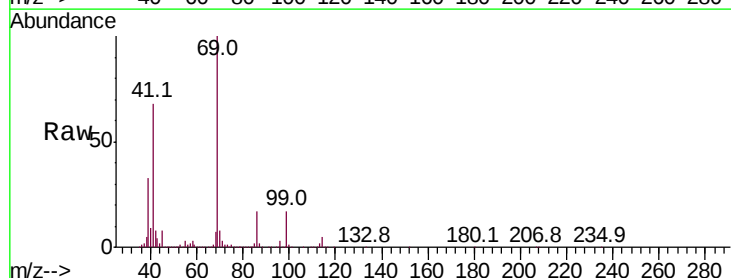
Tgt Ion: 69 Resp: 325409

Ion Ratio Lower Upper

69 100

41 70.0 61.0 91.6

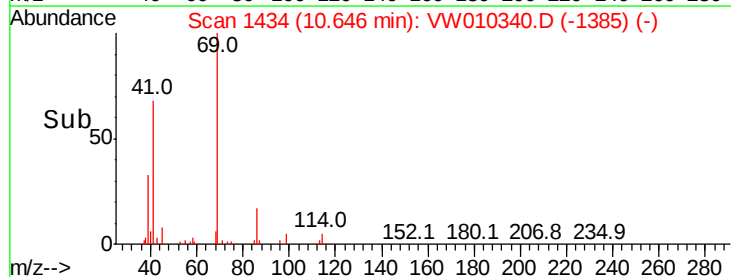
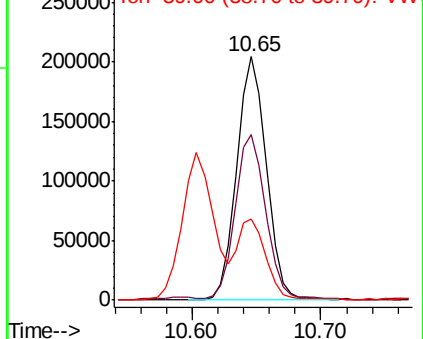
39 31.9 33.8 50.6#

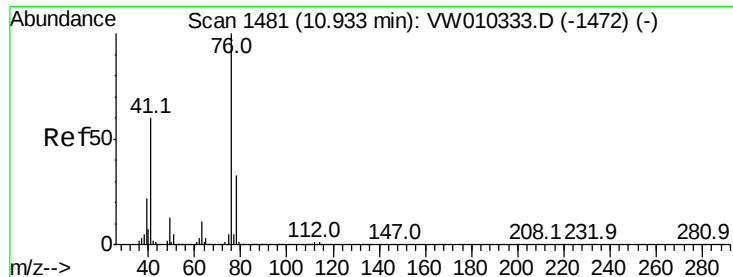


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 19.927 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :
MSVOA_W

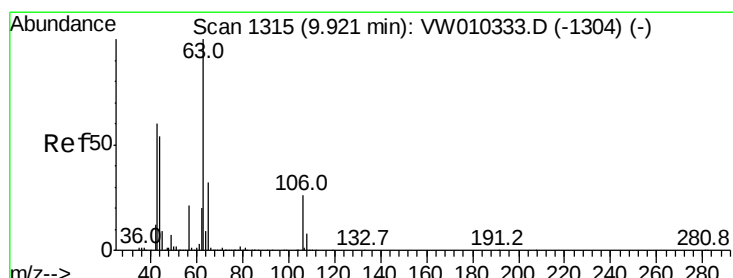
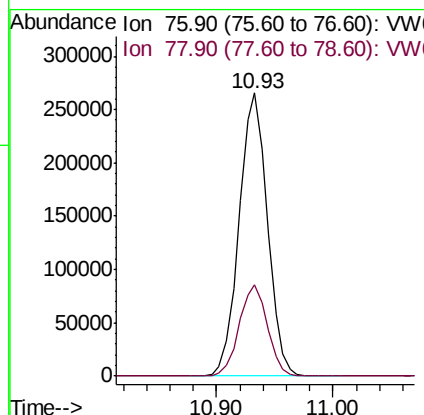
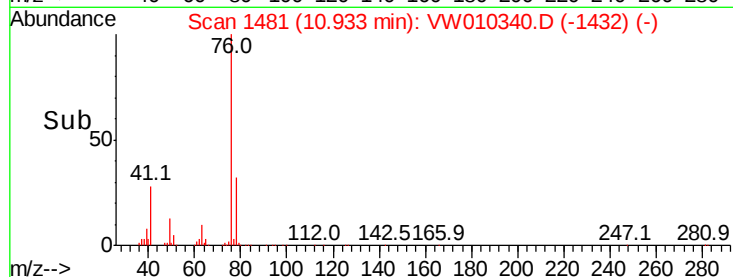
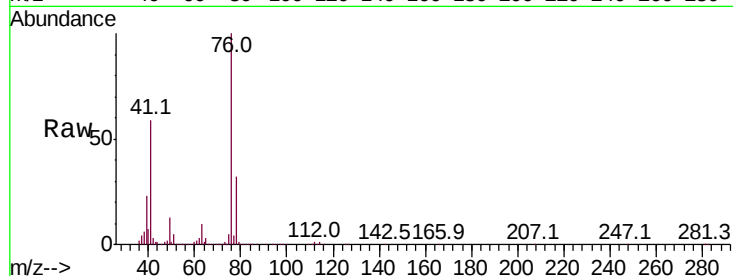
ClientSampleId :
VW0509SBS01

Tot Ion: 76 Resp: 450201

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 112.890 ug/l

RT: 9.92 min Scan# 1315

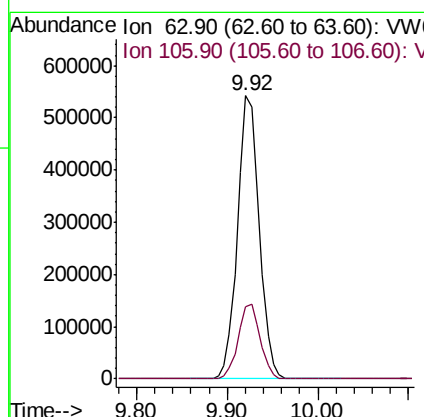
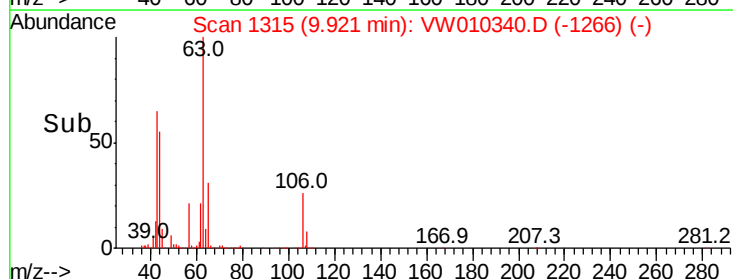
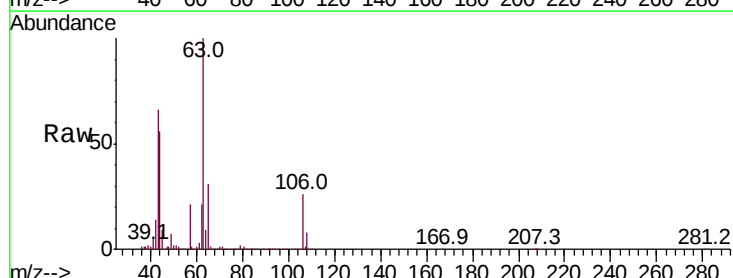
Delta R.T. 0.00 min

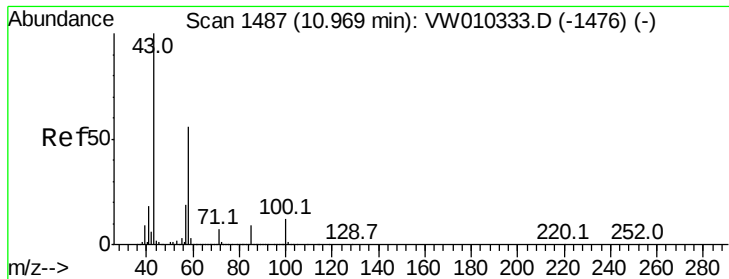
Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion: 63 Resp: 902024

Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.4	32.0





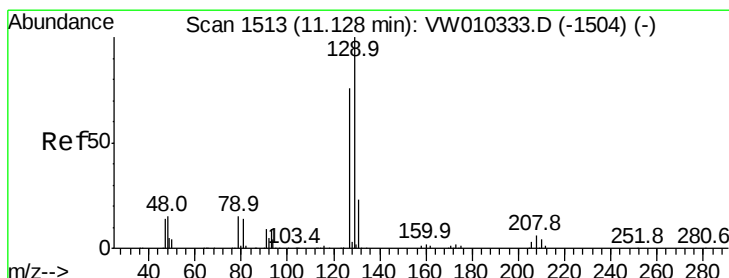
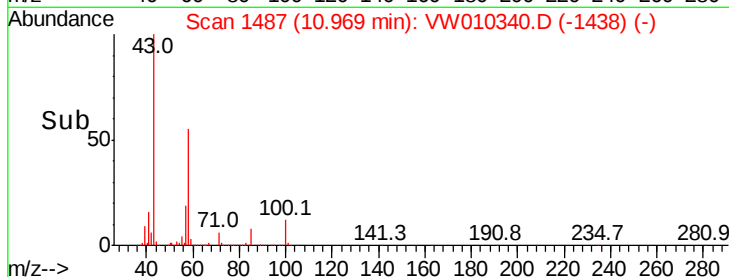
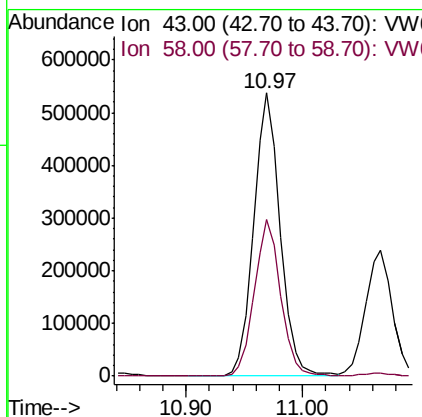
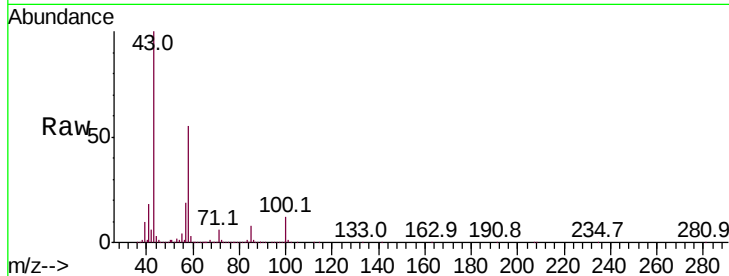
#59
2-Hexanone
Concen: 93.652 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 43 Resp: 848266
Ion Ratio Lower Upper
43 100
58 55.0 24.9 74.7

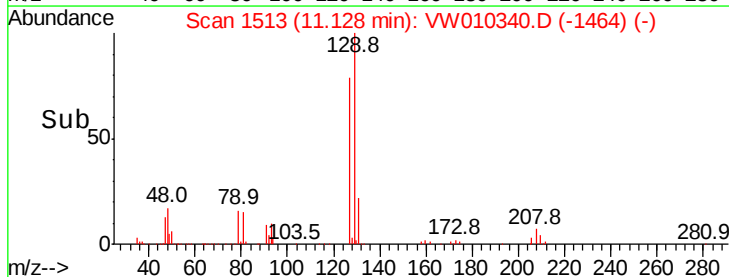
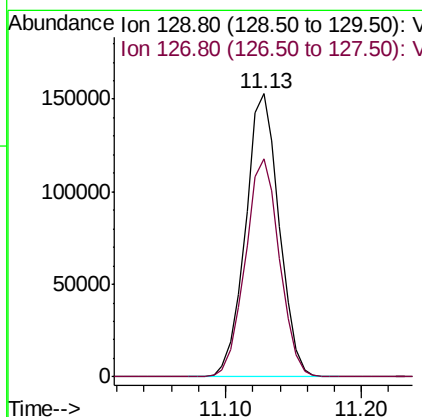
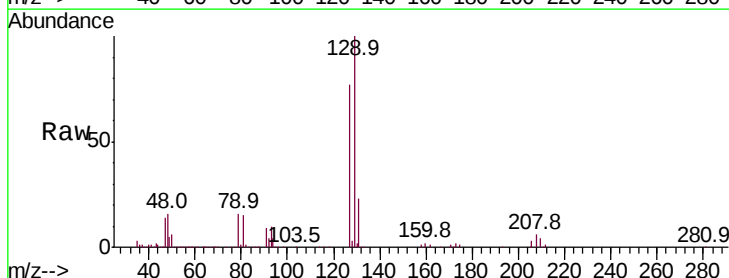
Manual Integrations
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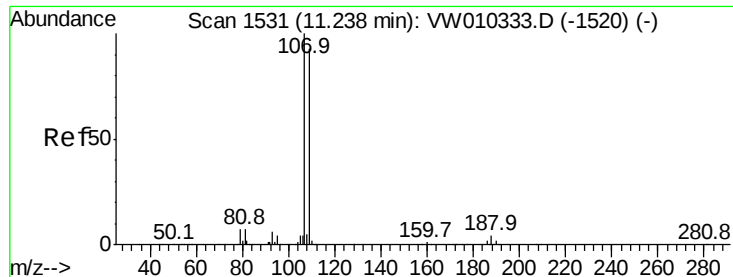
MMDadoda
5/10/2019 10:07:46 AM



#60
Dibromochloromethane
Concen: 19.457 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion: 129 Resp: 264596
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.382 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion:107 Resp: 235141

Ion Ratio Lower Upper

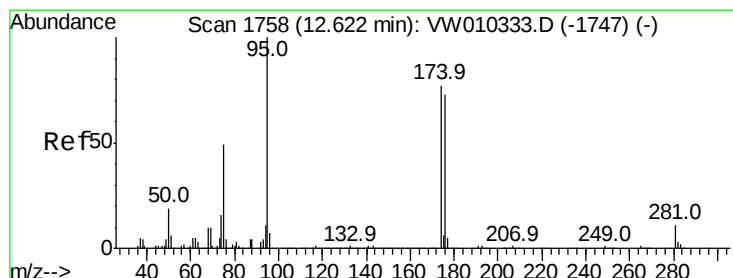
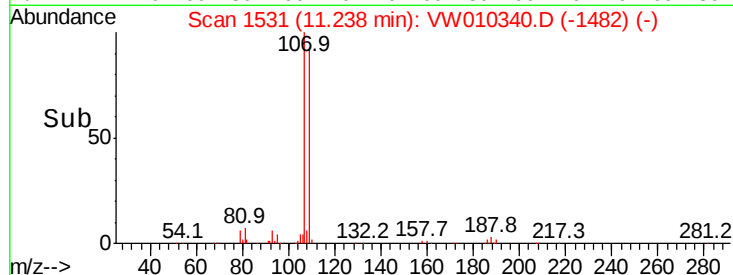
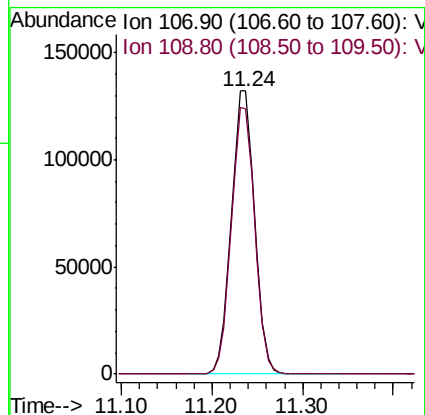
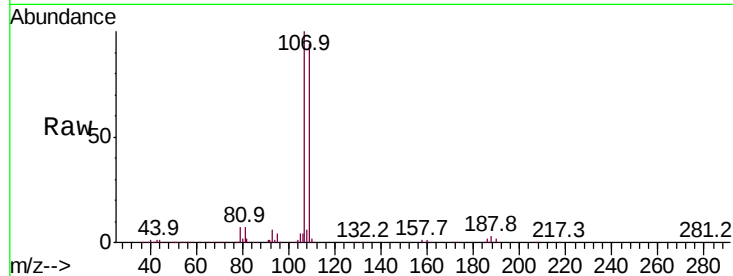
107 100

109 94.7 73.6 110.4

Manual Integrations
APPROVED

MMDadoda

5/10/2019 10:07:46 AM



#62

4-Bromofluorobenzene

Concen: 53.503 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

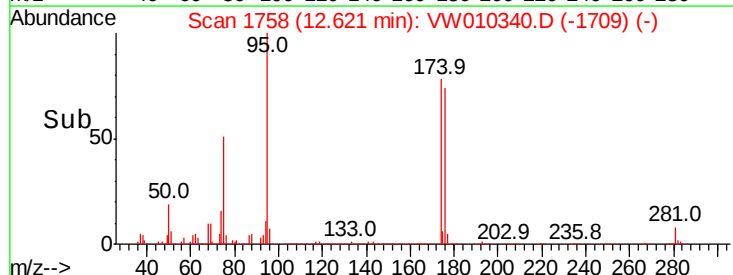
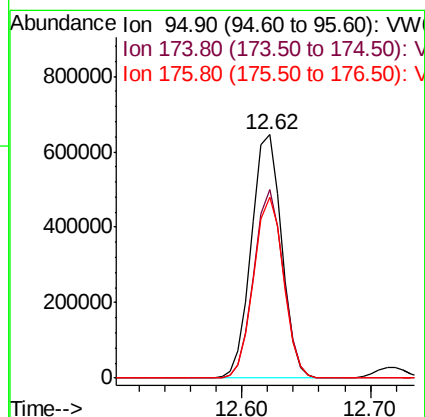
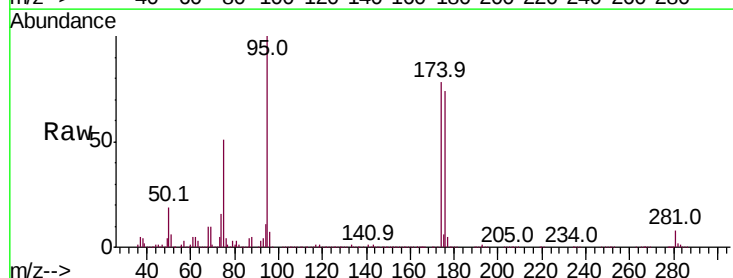
Tgt Ion: 95 Resp: 1047199

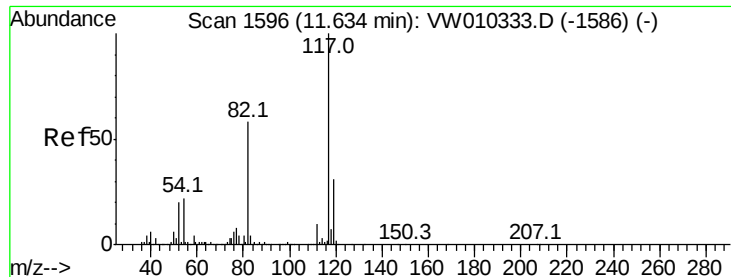
Ion Ratio Lower Upper

95 100

174 75.6 0.0 151.4

176 73.1 0.0 146.2





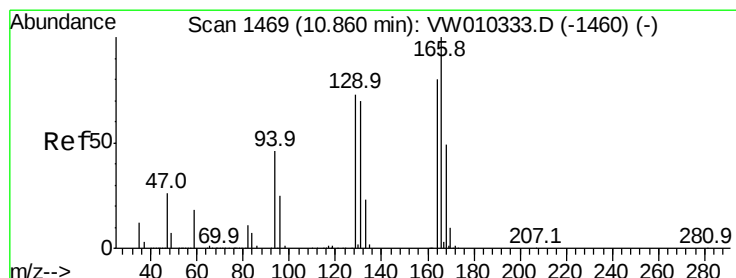
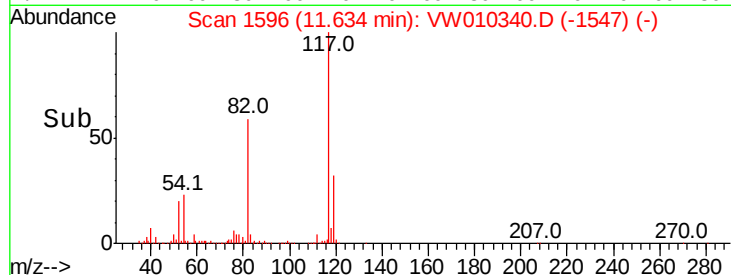
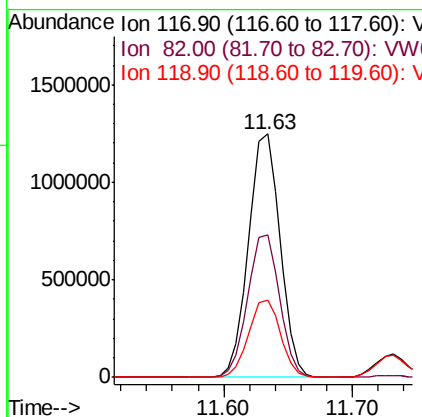
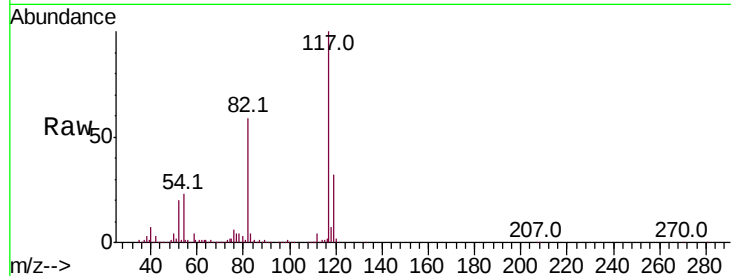
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion:117 Resp: 2115815
Ion Ratio Lower Upper
117 100
82 58.7 45.2 67.8
119 31.6 25.4 38.2

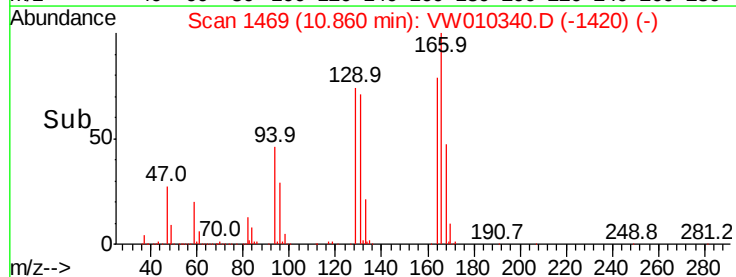
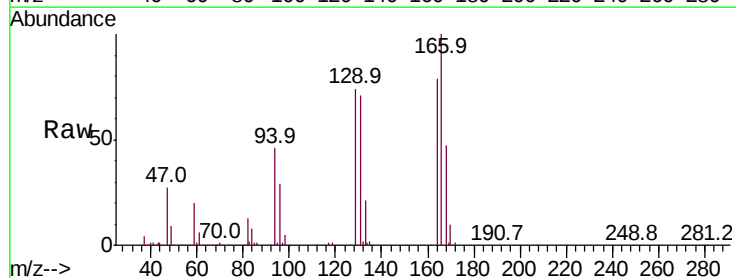
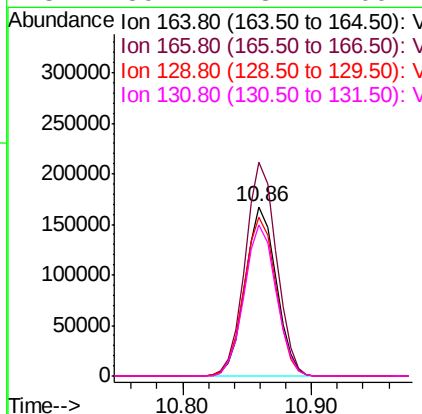
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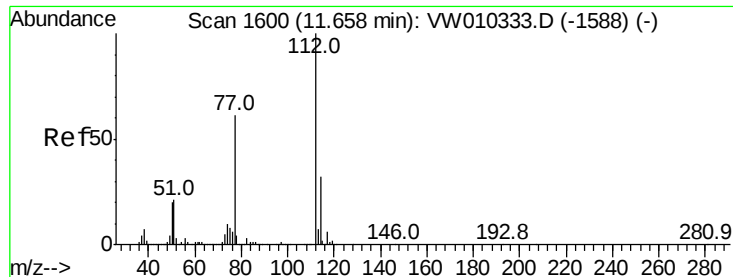
MMDadoda
5/10/2019 10:07:46 AM



#64
Tetrachloroethene
Concen: 18.864 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion:164 Resp: 278960
Ion Ratio Lower Upper
164 100
166 126.1 101.2 151.8
129 93.8 77.8 116.6
131 89.2 73.1 109.7





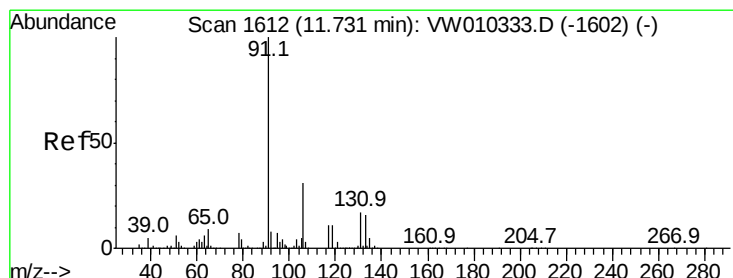
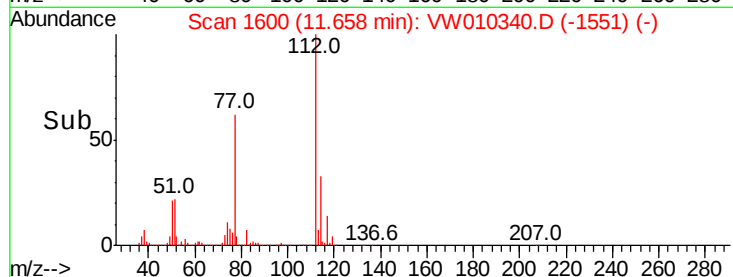
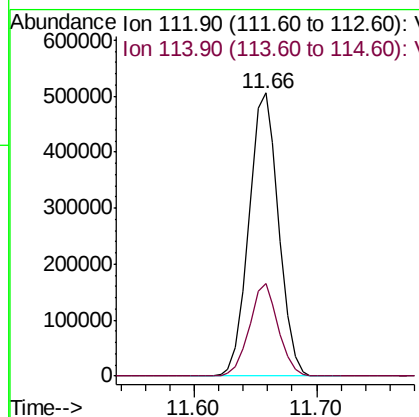
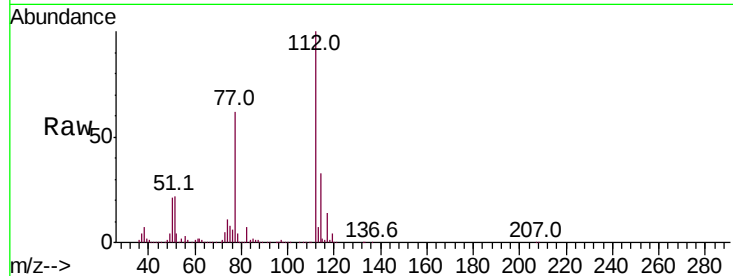
#65
Chlorobenzene
Concen: 19.471 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.5	39.7

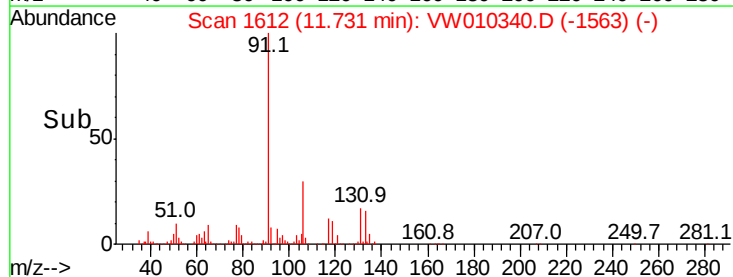
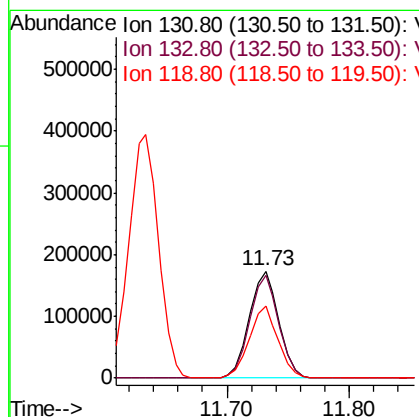
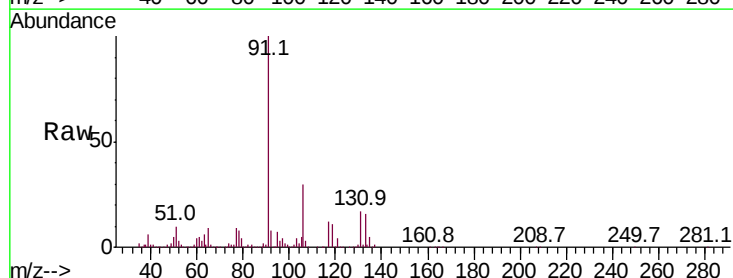
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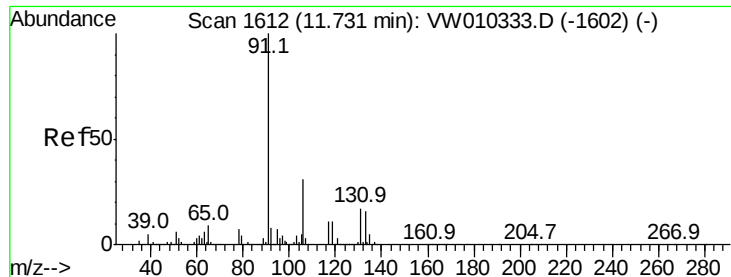
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.529 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	46.5	139.5
119	65.3	31.9	95.5





#67

Ethyl Benzene

Concen: 19.742 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 91 Resp: 1590702

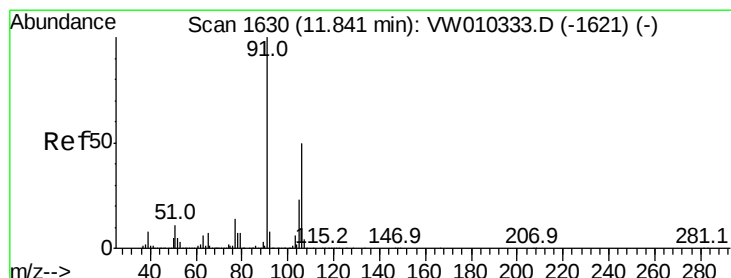
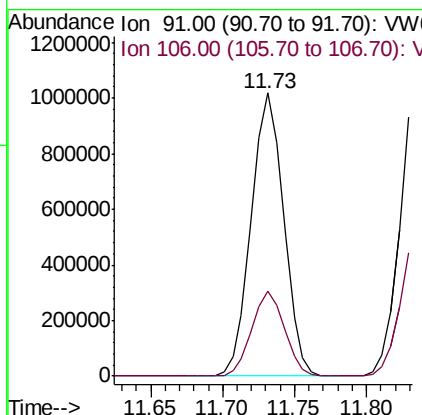
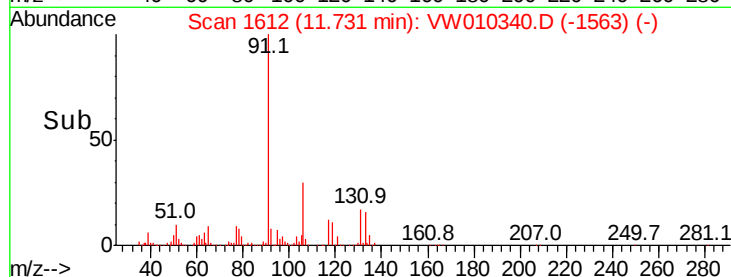
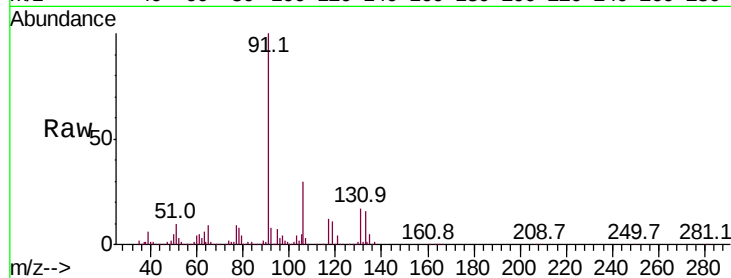
Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.8

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 39.909 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010340.D

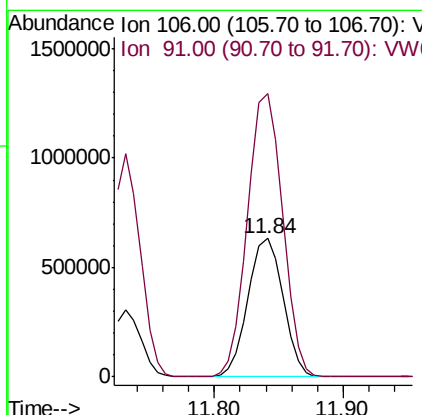
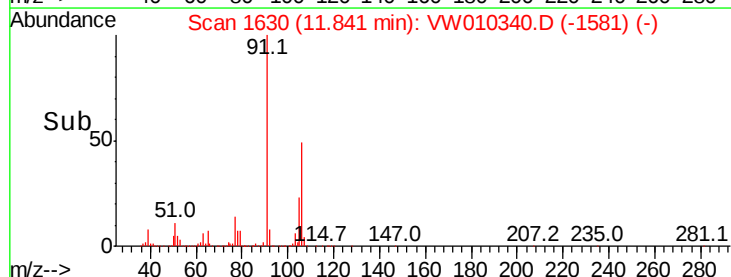
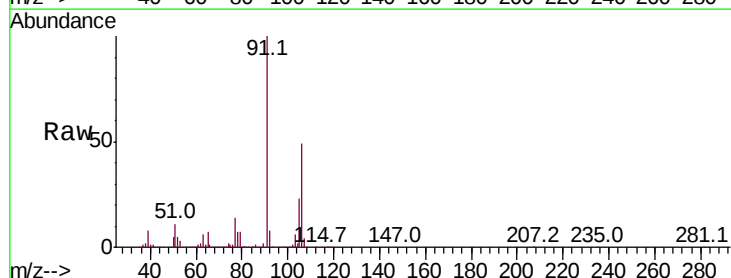
Acq: 09 May 2019 16:52

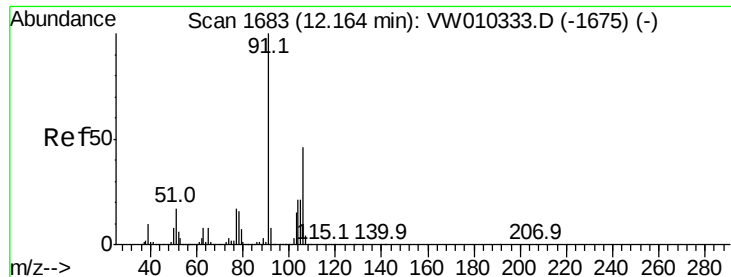
Tgt Ion: 106 Resp: 1194734

Ion Ratio Lower Upper

106 100

91 204.8 165.0 247.6





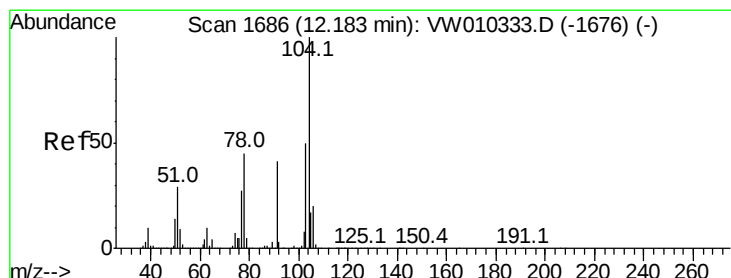
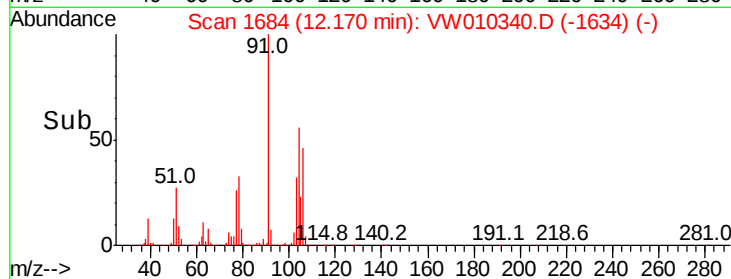
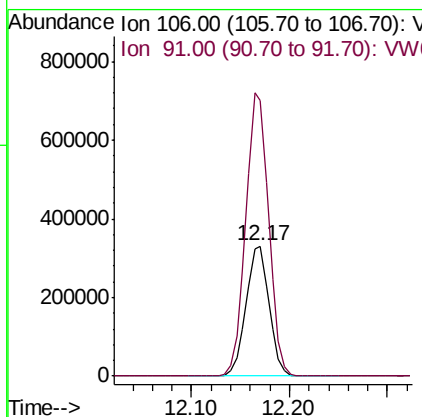
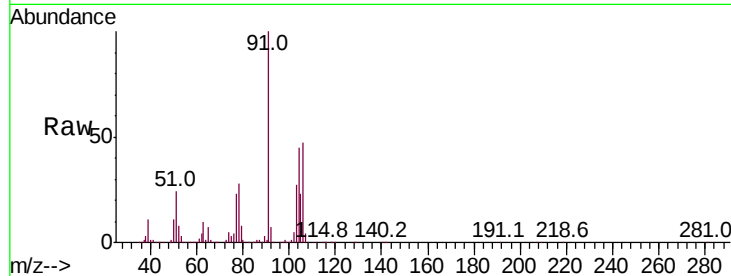
#69
o-Xylene
Concen: 19.920 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.9	110.5	331.4

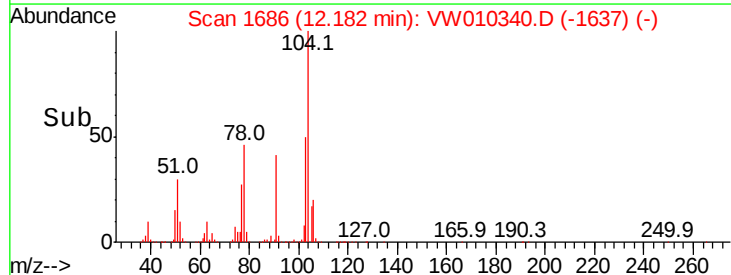
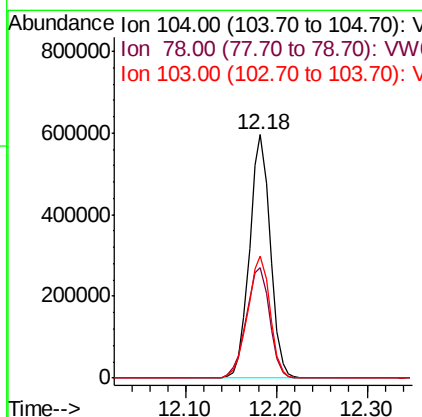
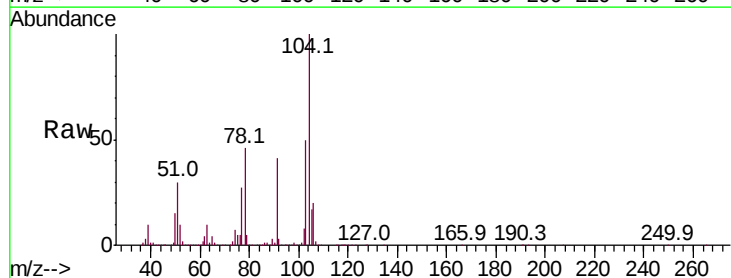
Manual Integrations
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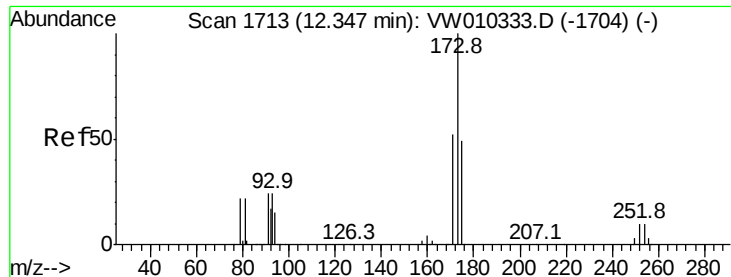
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#70
Styrene
Concen: 20.042 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	42.5	63.7
103	54.1	43.6	65.4





#71

Bromoform

Concen: 18.590 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

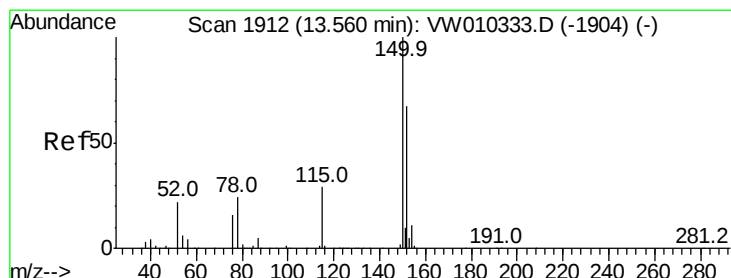
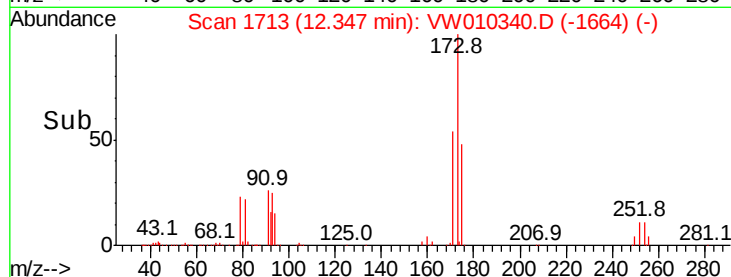
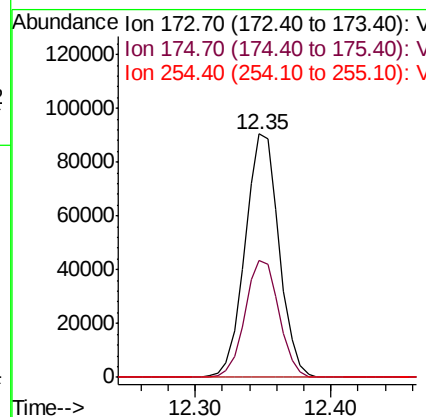
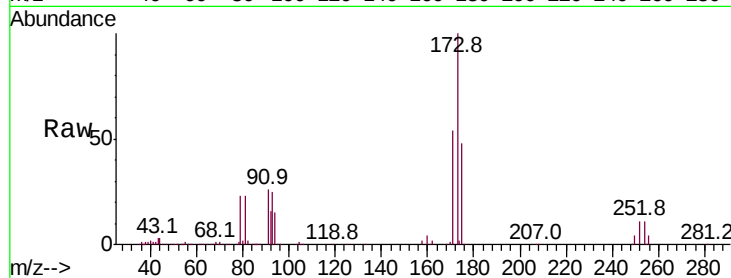
ClientSampleId :

VW0509SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.2	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

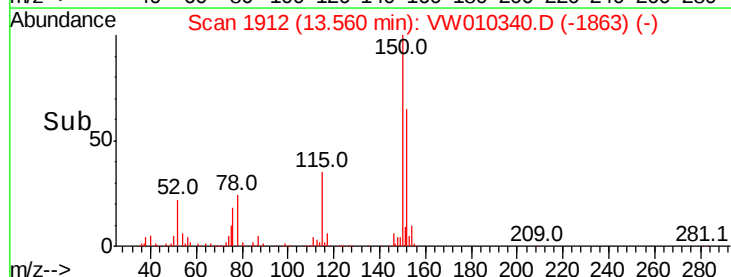
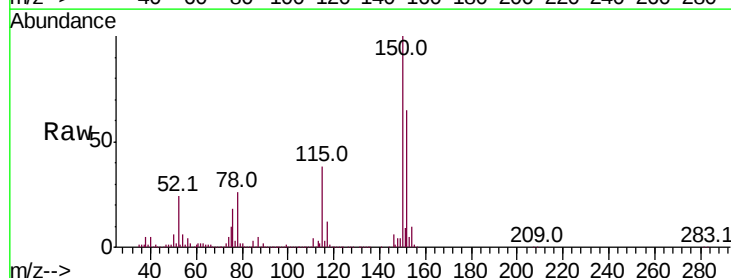
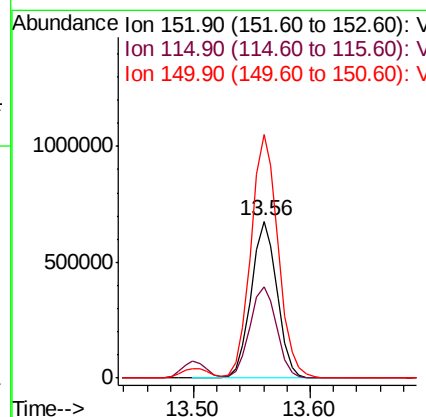
RT: 13.56 min Scan# 1912

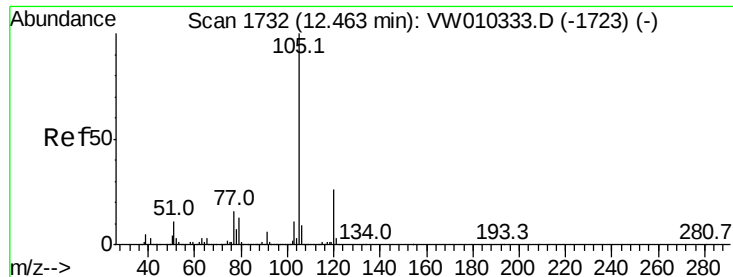
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.4	91.2
150	163.0	0.0	347.0





#73

Isopropylbenzene

Concen: 19.751 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion:105 Resp: 1513557

Ion Ratio Lower Upper

105 100

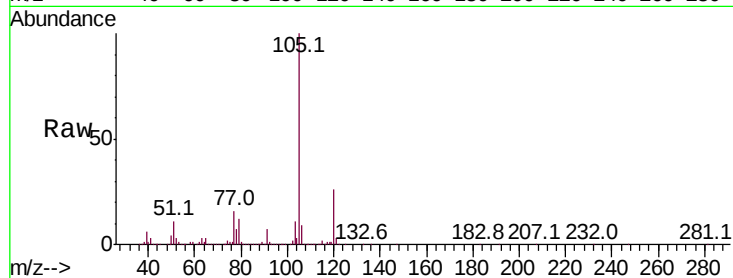
120 26.1 13.1 39.1

Manual Integrations

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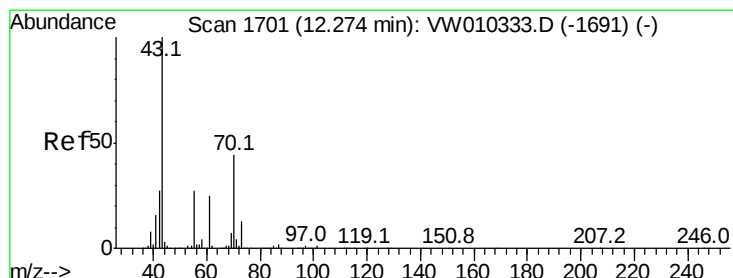
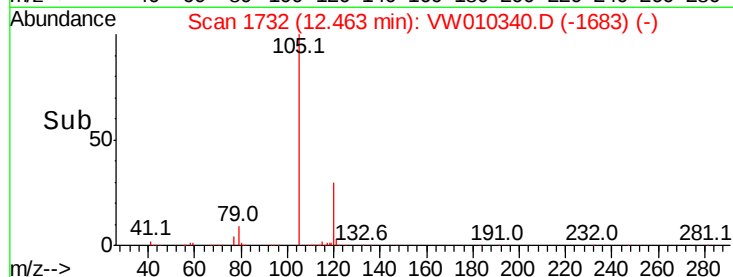
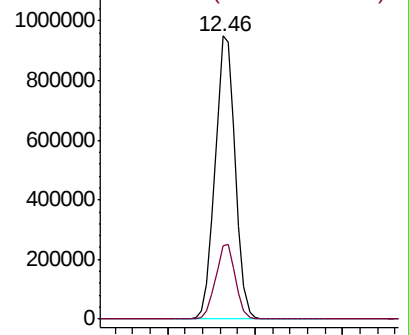
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.626 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion: 43 Resp: 388552

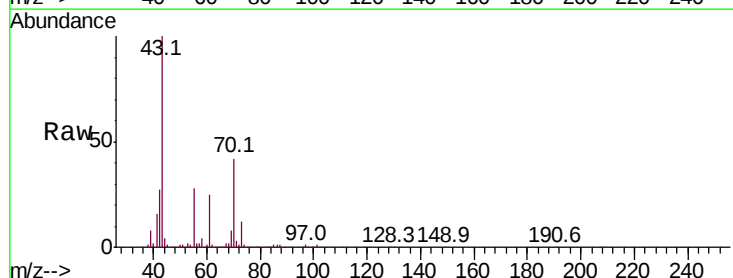
Ion Ratio Lower Upper

43 100

70 43.5 31.3 46.9

55 28.6 20.0 30.0

61 24.4 17.8 26.8

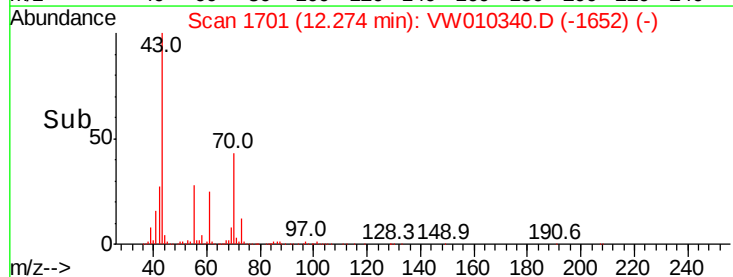
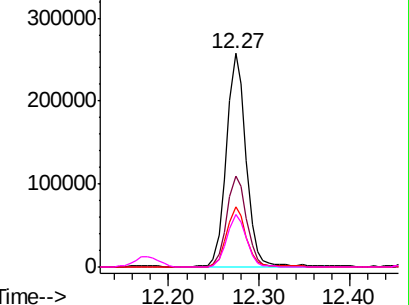


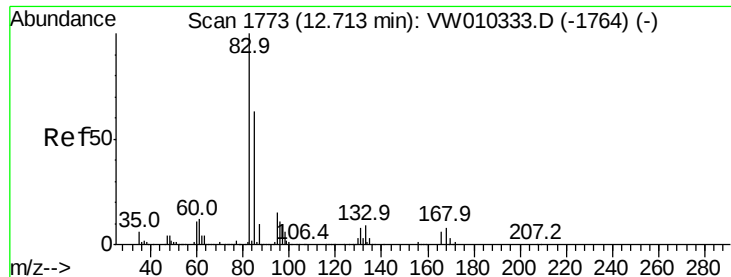
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.795 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 83 Resp: 317352
Ion Ratio Lower Upper

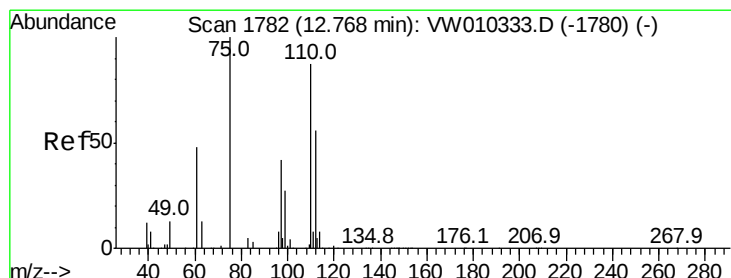
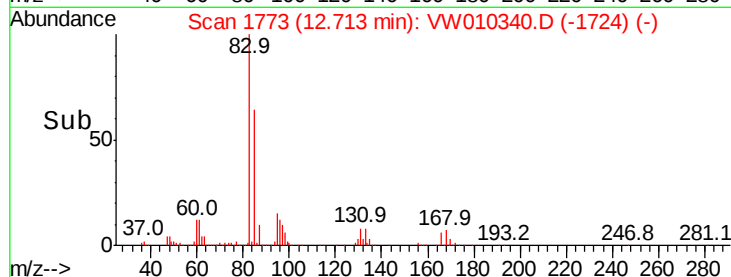
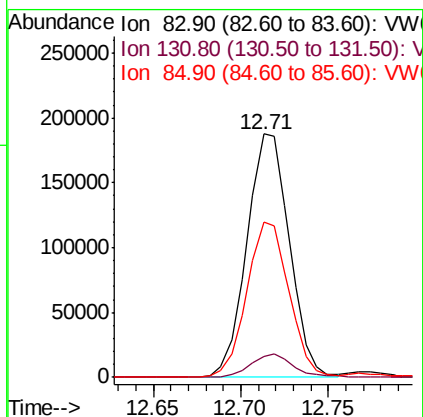
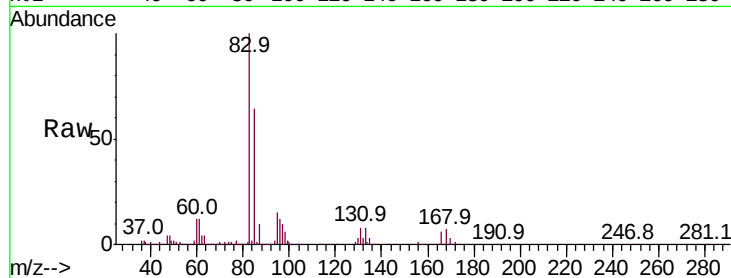
83 100

131 9.6 5.3 15.8

85 63.2 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 18.275 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

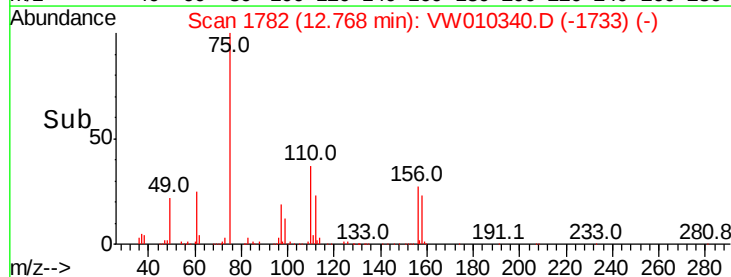
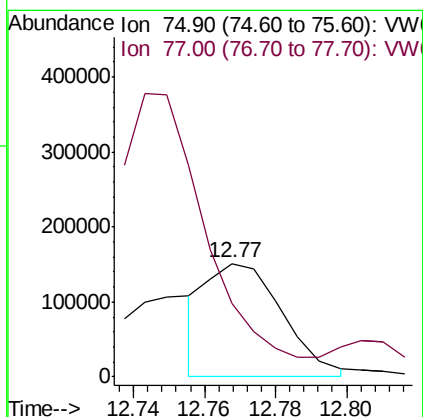
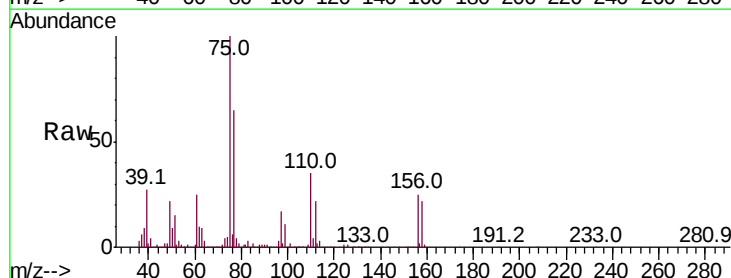
Lab File: VW010340.D

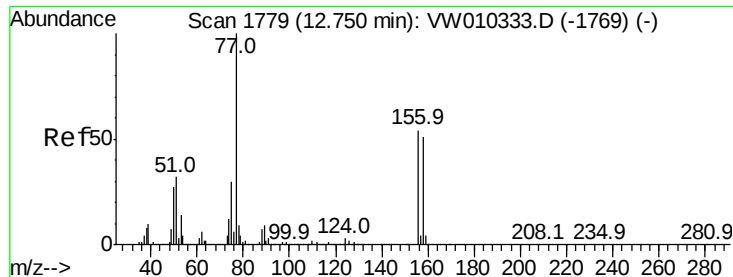
Acq: 09 May 2019 16:52

Tgt Ion: 75 Resp: 224010
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.528 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

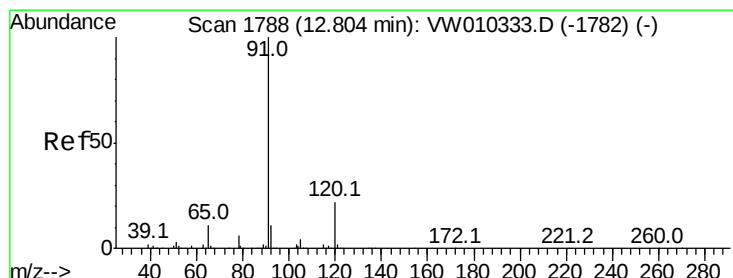
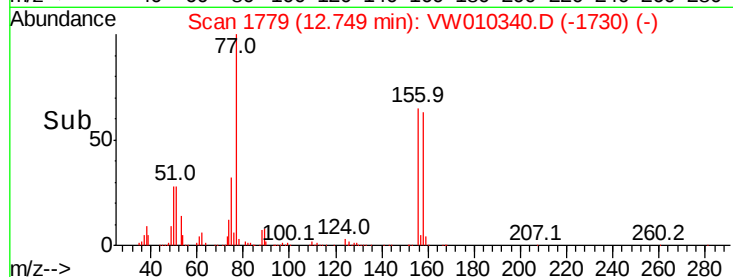
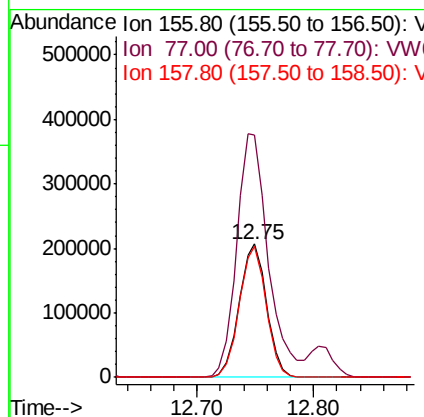
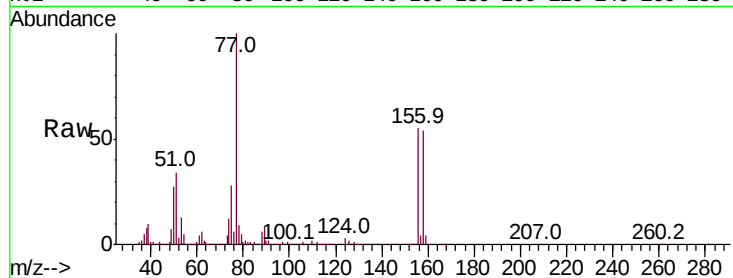
ClientSampleId :

VW0509SBS01

Tot Ion:	156	Resp:	337901
Ion Ratio	Lower	Upper	
156	100		
77	212.4	102.5	307.4
158	96.9	48.8	146.4

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#78

n-propylbenzene

Concen: 19.895 ug/l

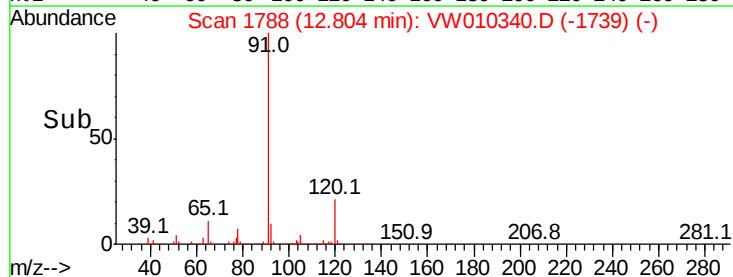
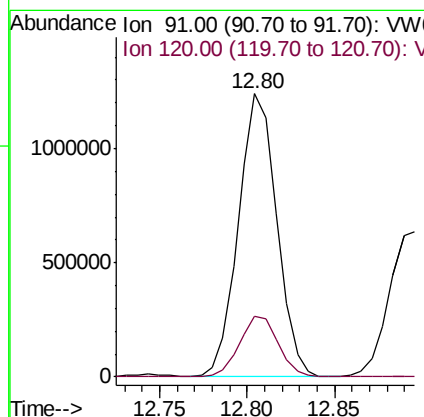
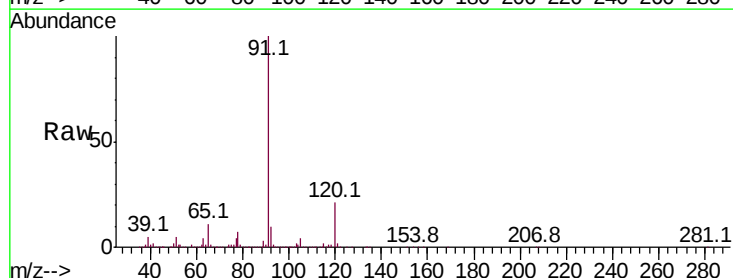
RT: 12.80 min Scan# 1788

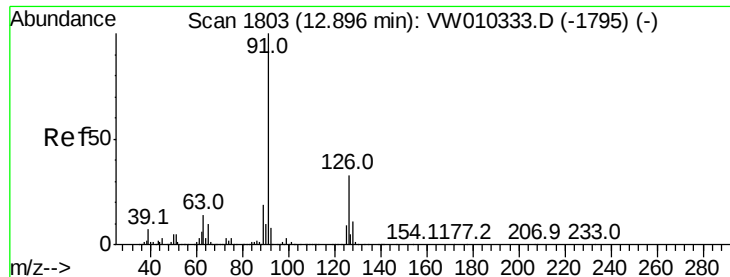
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:	91	Resp:	1883049
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.1	33.1





#79

2-Chlorotoluene

Concen: 19.622 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 91 Resp: 1057651

Ion Ratio Lower Upper

91 100

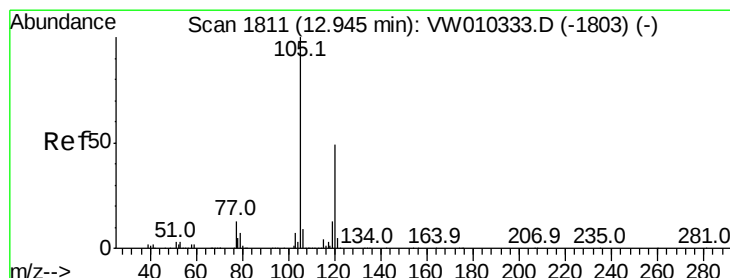
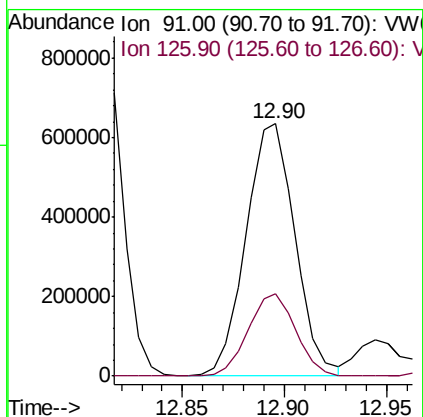
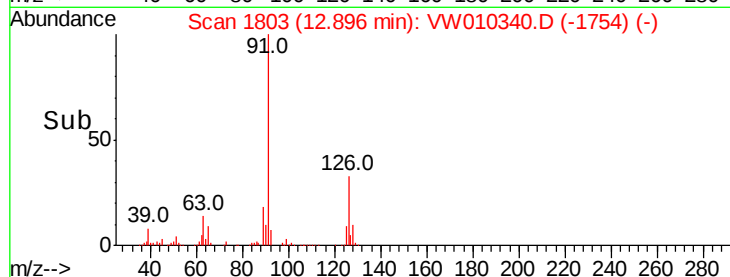
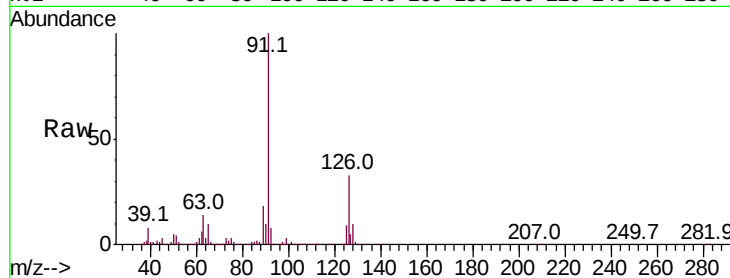
126 32.0 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.115 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010340.D

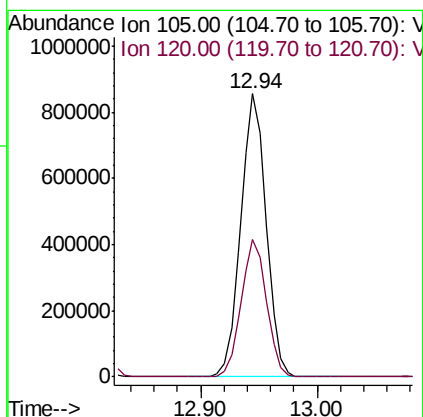
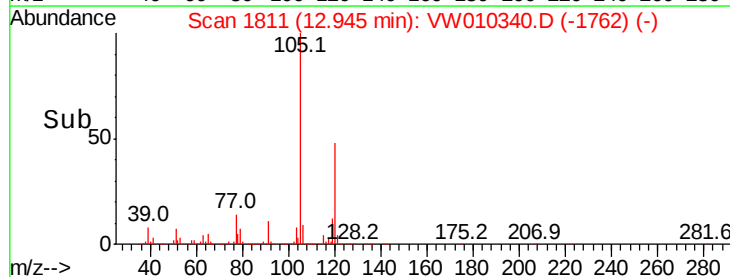
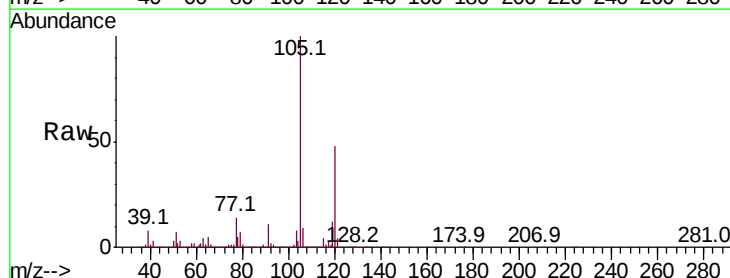
Acq: 09 May 2019 16:52

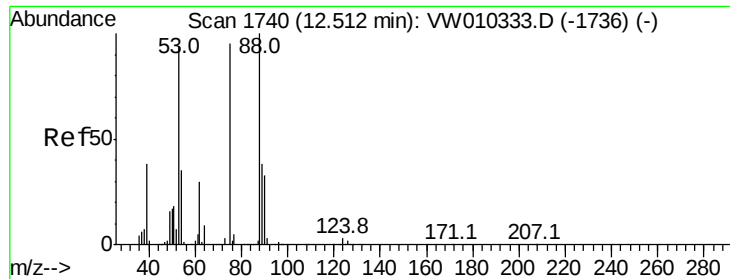
Tgt Ion:105 Resp: 1299550

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





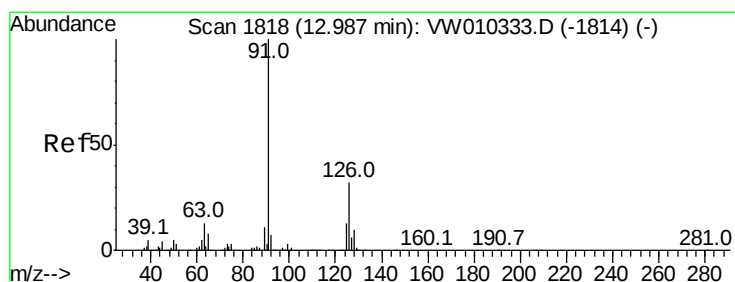
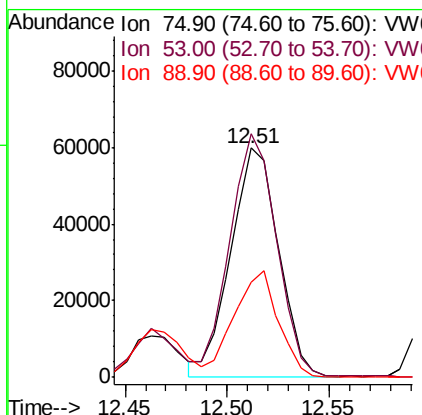
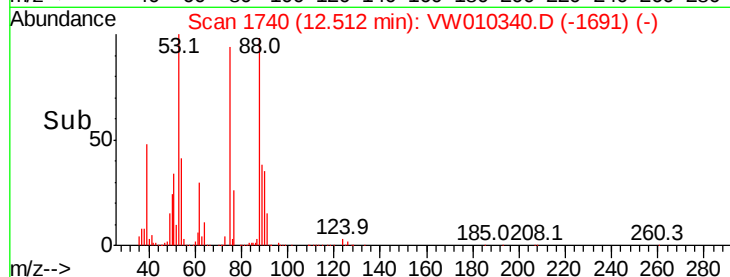
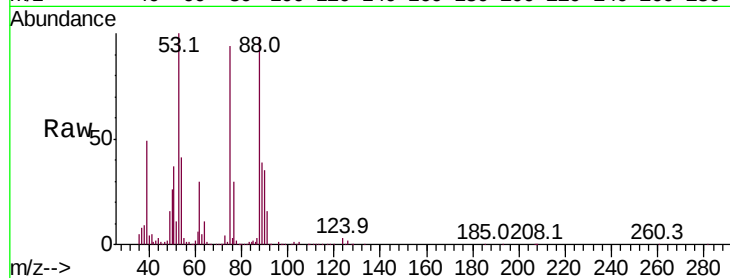
#81
trans-1,4-Dichloro-2-butene
Concen: 17.856 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	89.8	134.8
89	43.4	36.6	54.8

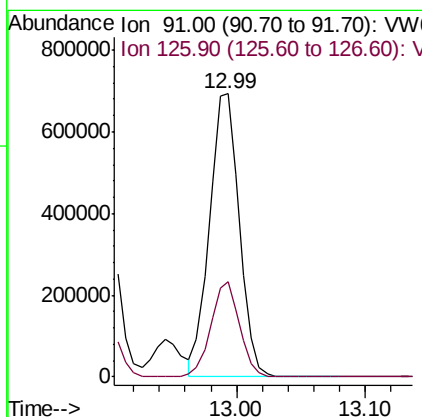
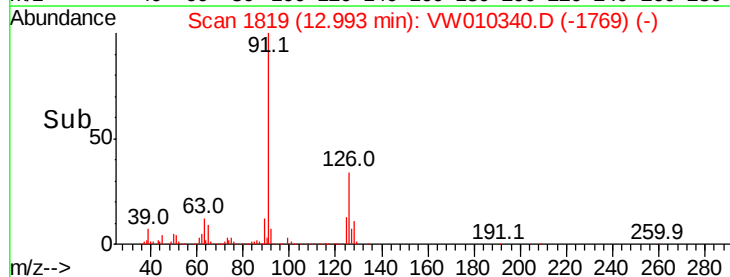
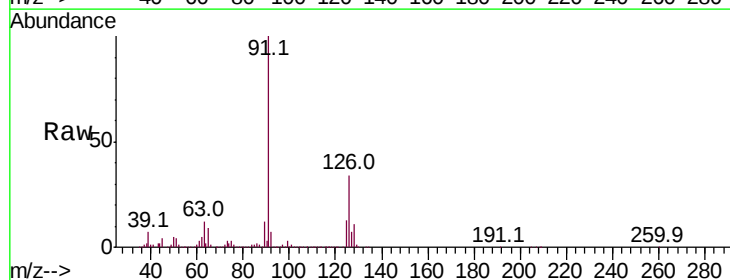
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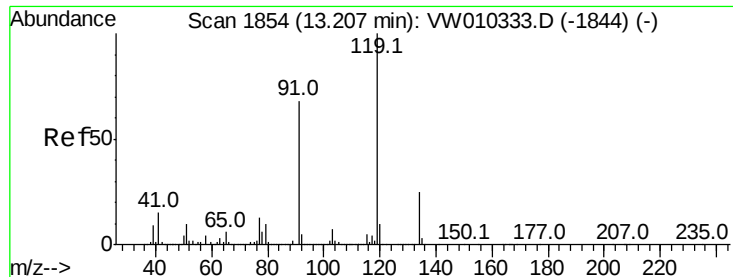
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#82
4-Chlorotoluene
Concen: 19.849 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.1





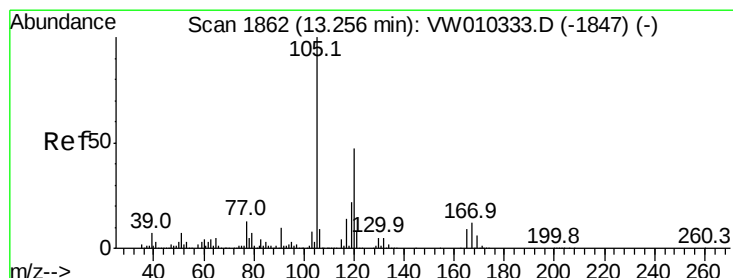
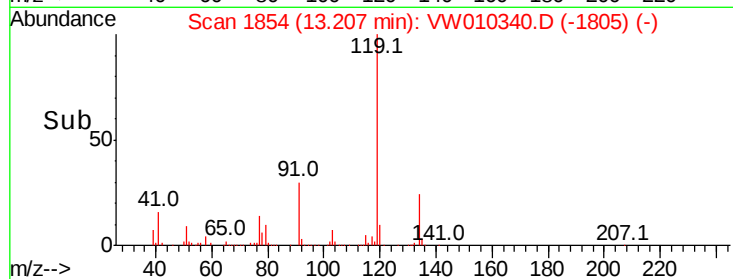
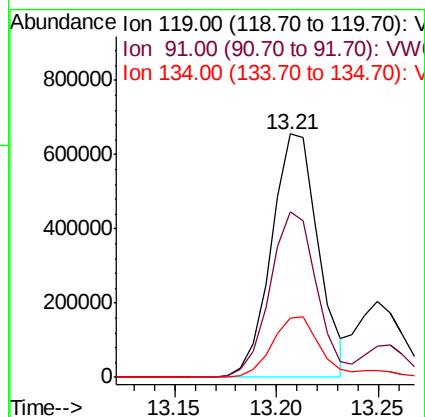
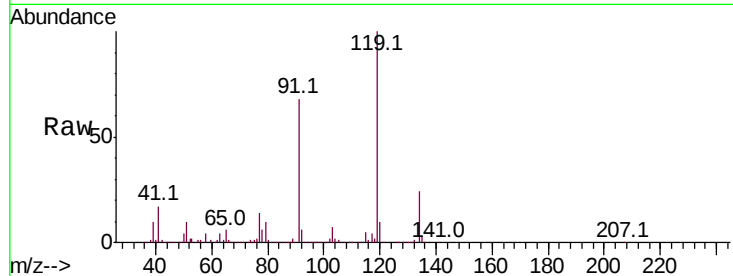
#83
tert-Butylbenzene
Concen: 19.523 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	34.8	104.4
134	25.2	13.7	41.1

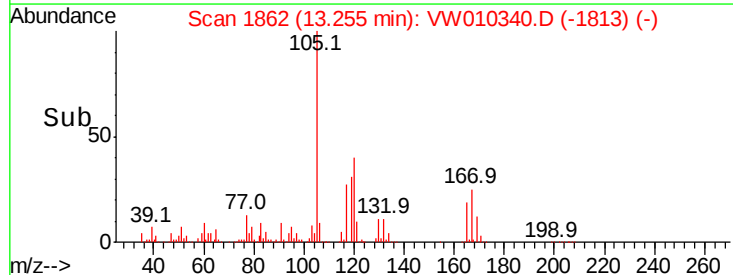
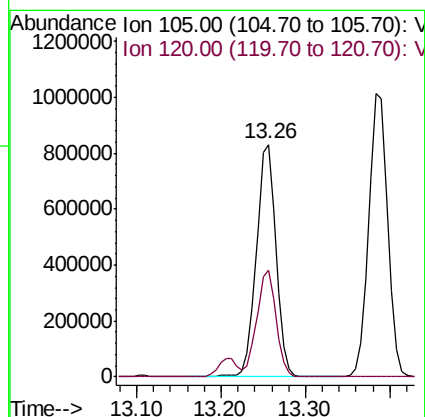
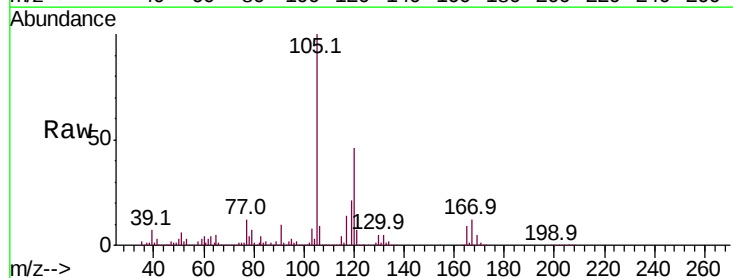
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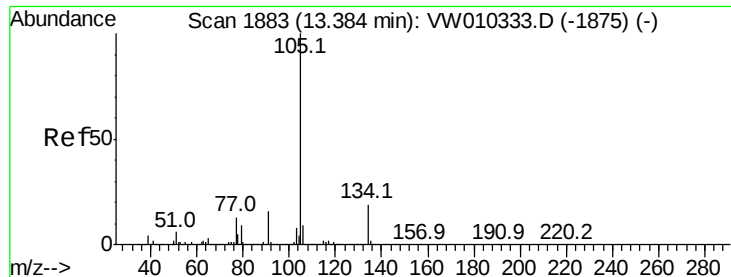
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#84
1,2,4-Trimethylbenzene
Concen: 20.465 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.892 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion:105 Resp: 1582424

Ion Ratio Lower Upper

105 100

134 19.2

9.8

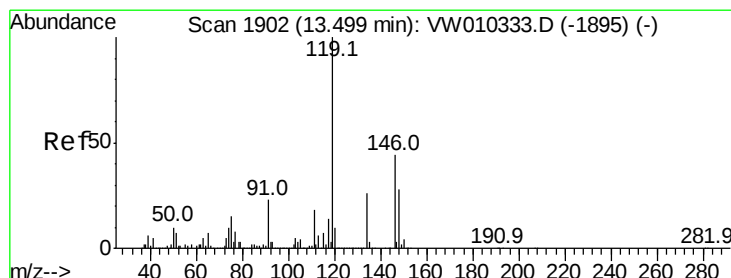
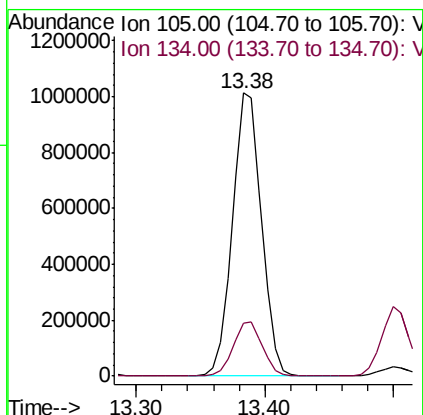
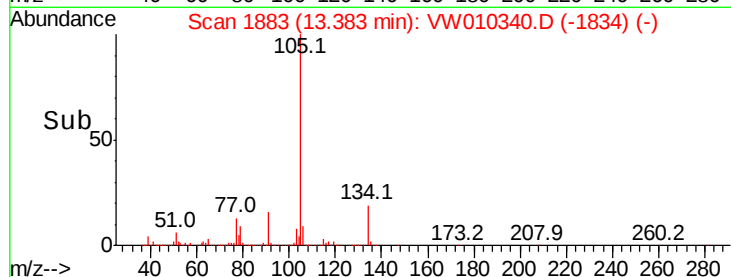
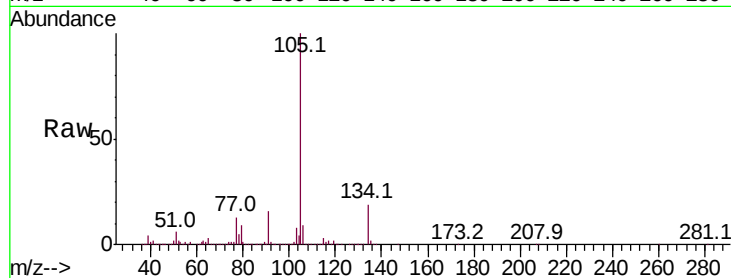
29.5

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#86

p-Isopropyltoluene

Concen: 20.113 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion:119 Resp: 1420573

Ion Ratio Lower Upper

119 100

134 25.8

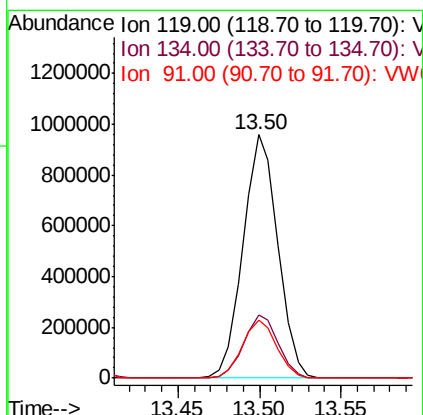
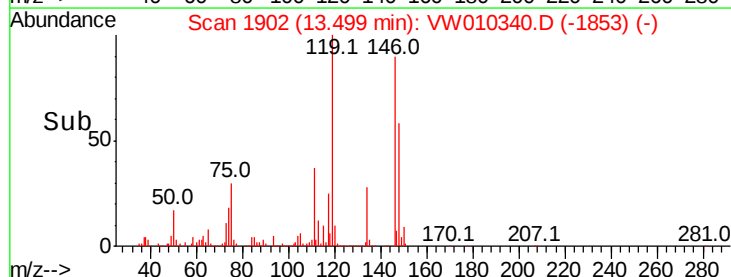
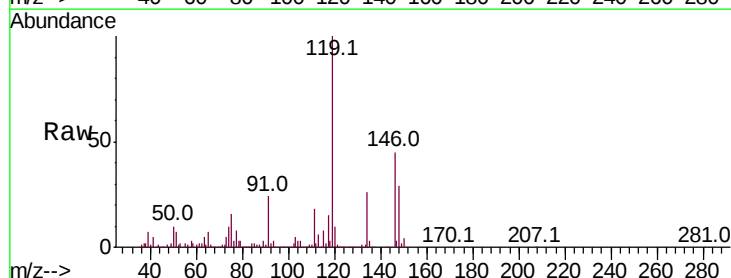
13.0

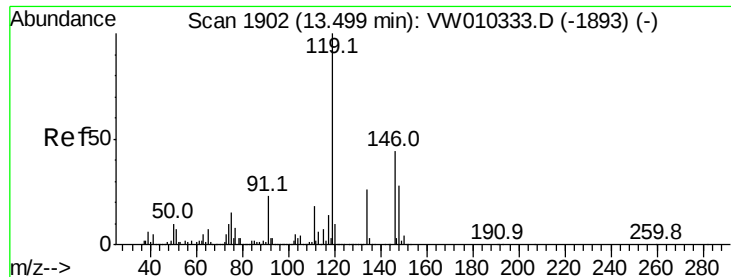
38.9

91 23.5

12.3

36.9





#87

1,3-Dichlorobenzene

Concen: 19.873 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010340.D

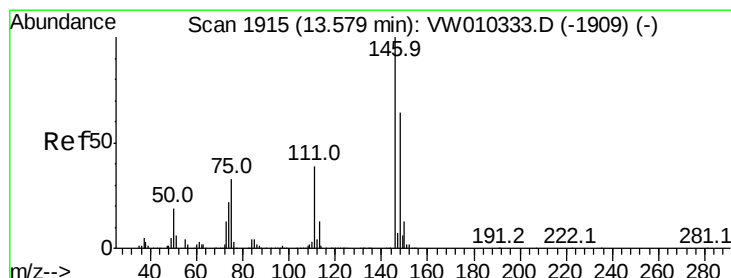
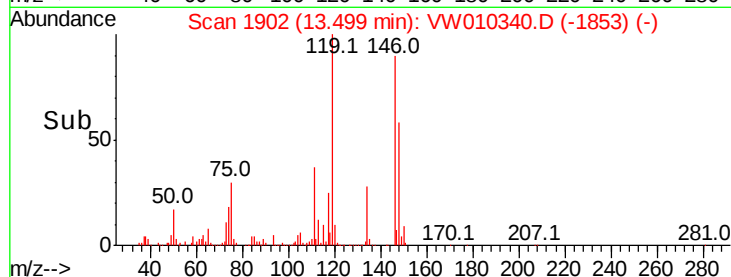
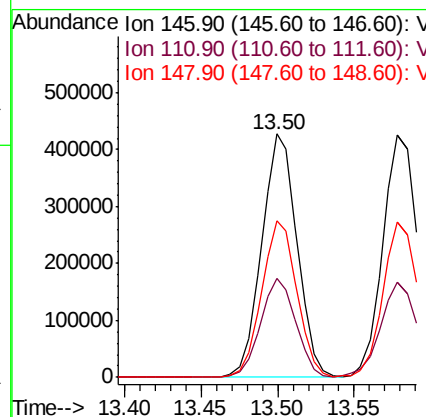
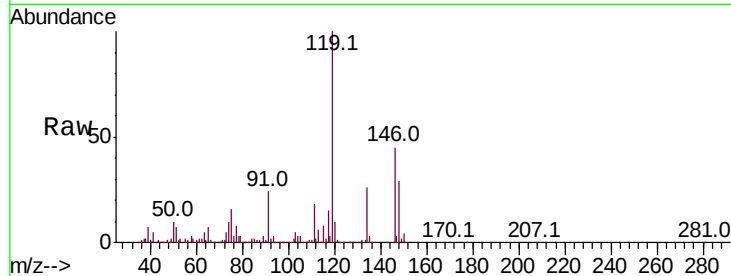
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	64.2	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 19.797 ug/l

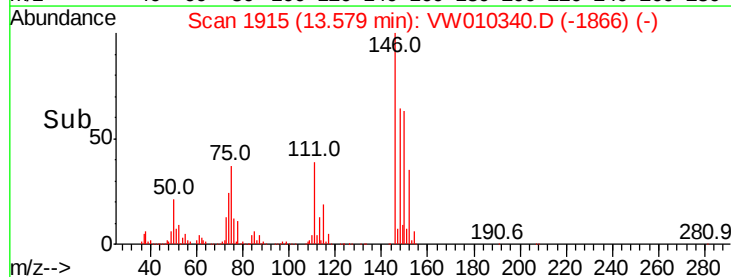
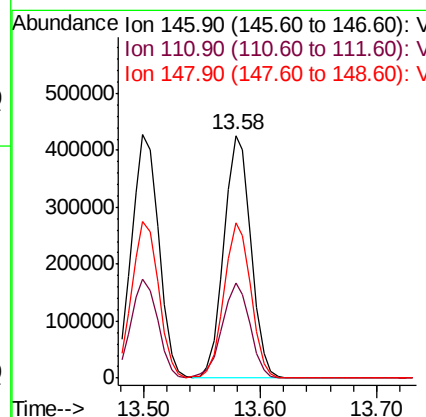
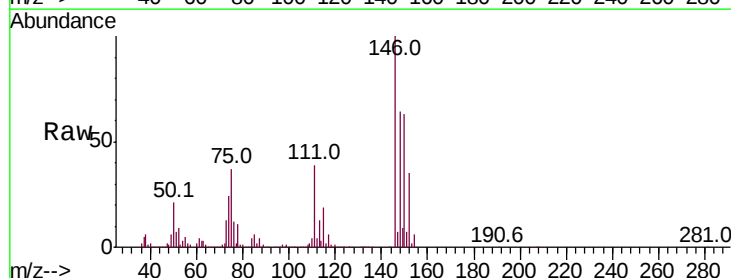
RT: 13.58 min Scan# 1915

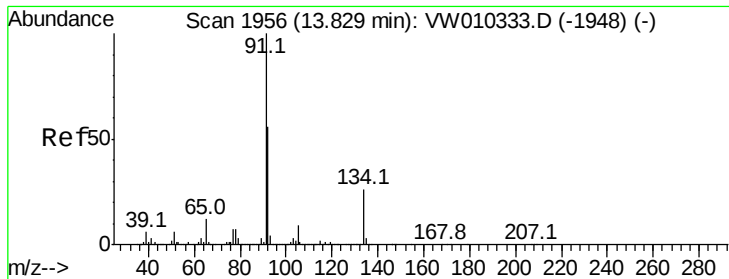
Delta R.T. -0.00 min

Lab File: VW010340.D

Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	63.9	31.8	95.3





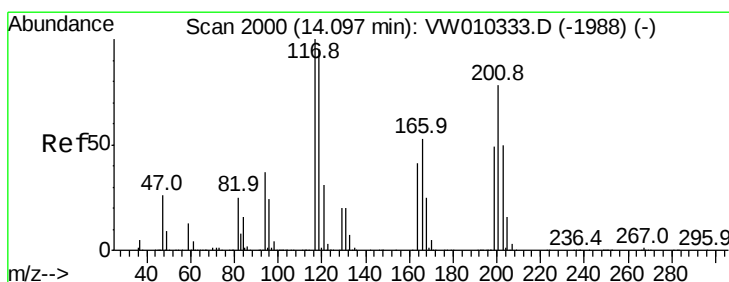
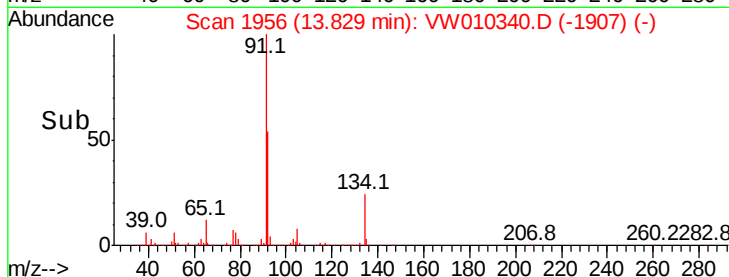
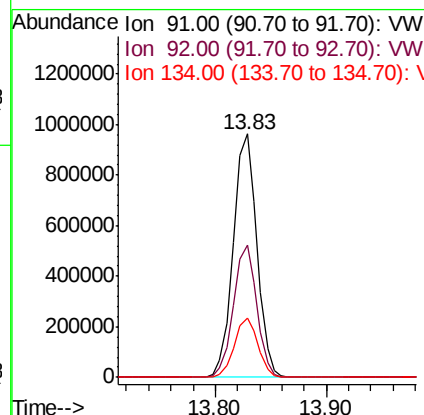
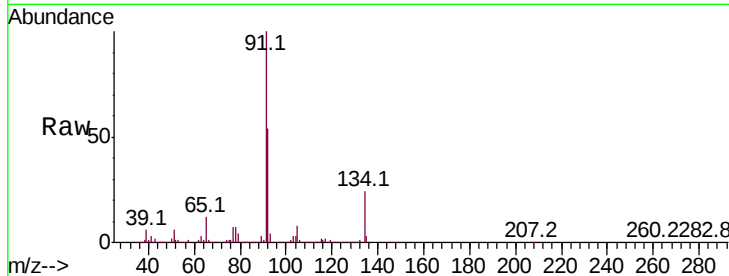
#89
n-Butylbenzene
Concen: 19.897 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 91 Resp: 1409143
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 24.4 12.4 37.0

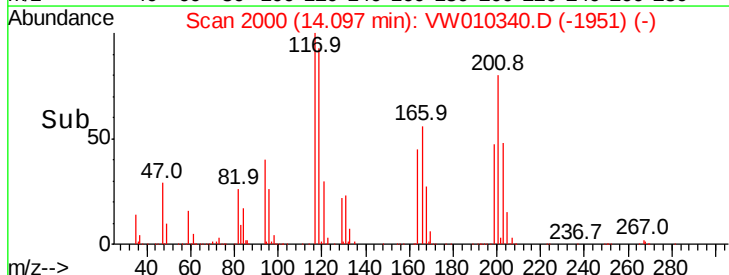
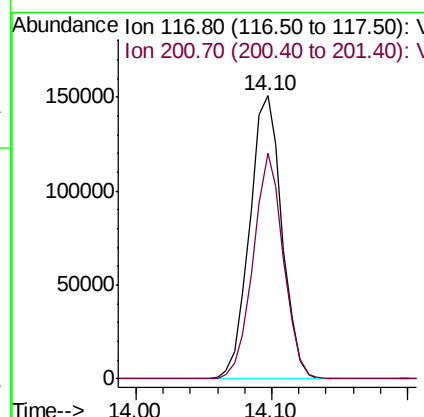
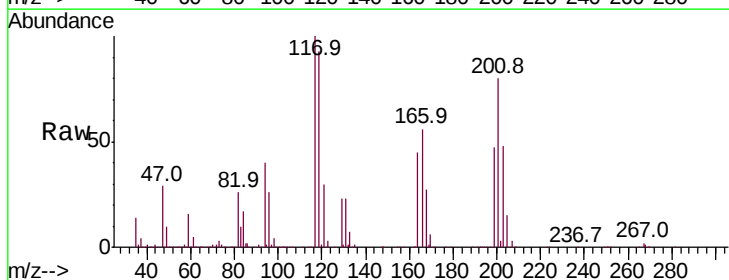
Manual Integrations
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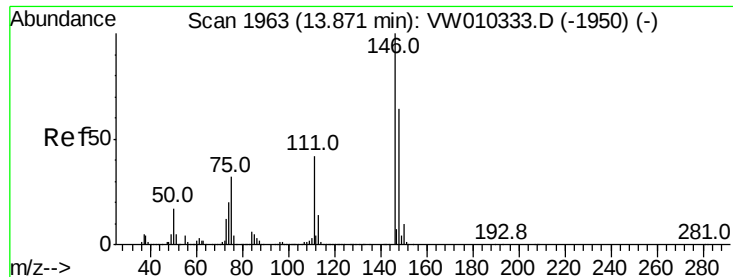
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#90
Hexachloroethane
Concen: 19.056 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion: 117 Resp: 249640
Ion Ratio Lower Upper
117 100
201 75.3 36.1 108.3





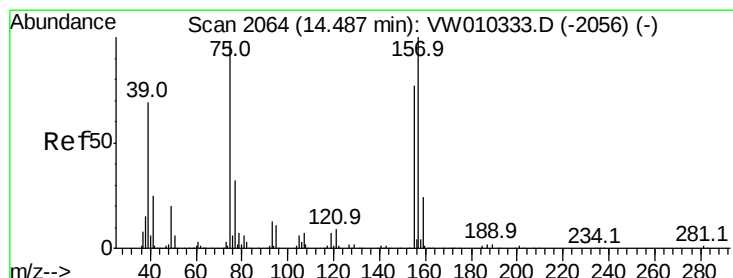
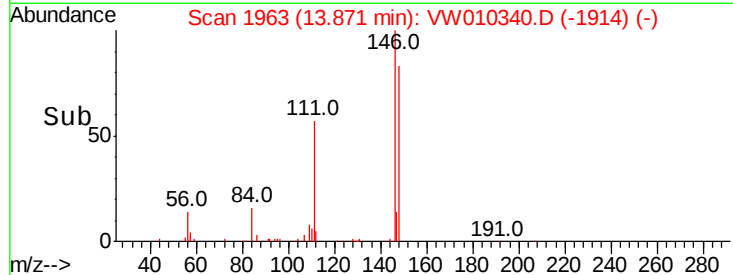
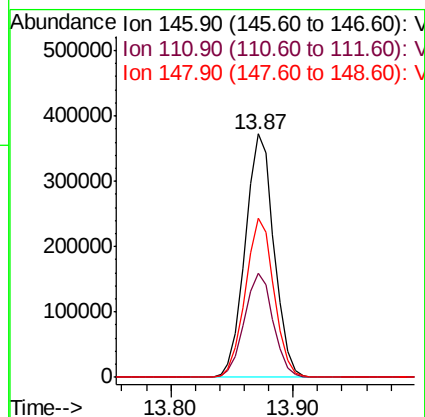
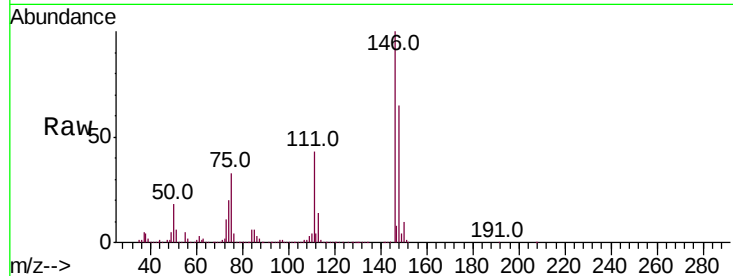
#91
 1,2-Dichlorobenzene
 Concen: 19.857 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion:	146	Resp:	607340
Ion Ratio	Lower	Upper	
146	100		
111	42.8	20.9	62.8
148	65.0	31.9	95.7

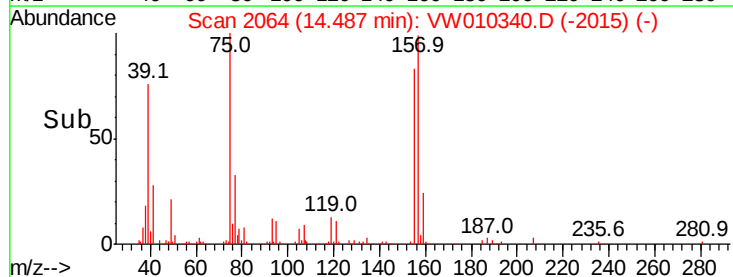
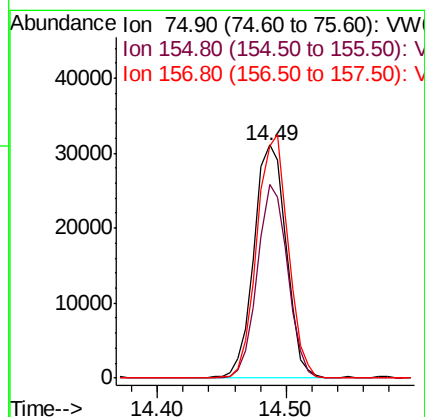
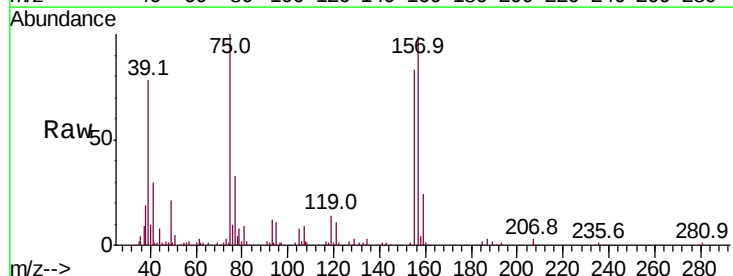
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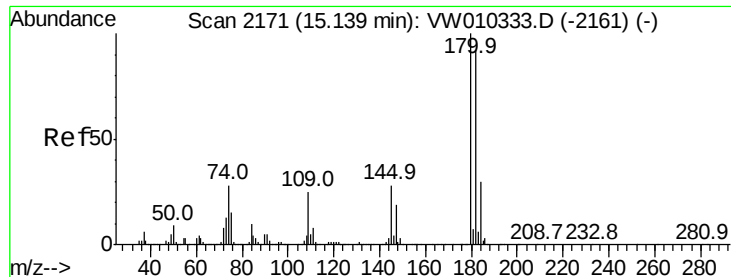
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.719 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion:	75	Resp:	53876
Ion Ratio	Lower	Upper	
75	100		
155	77.5	37.1	111.5
157	100.4	47.3	141.9





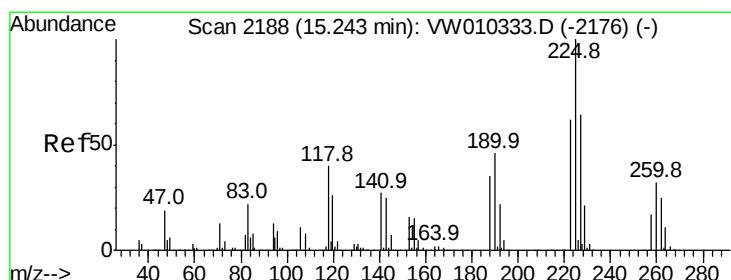
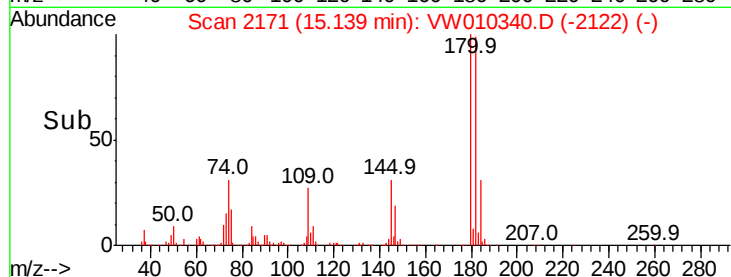
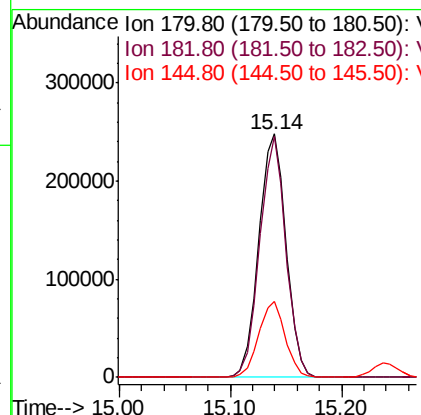
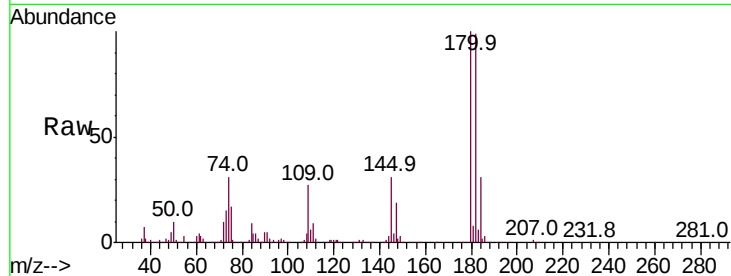
#93
 1,2,4-Trichlorobenzene
 Concen: 20.252 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	47.1	141.4	
145	30.4	15.2	45.6	

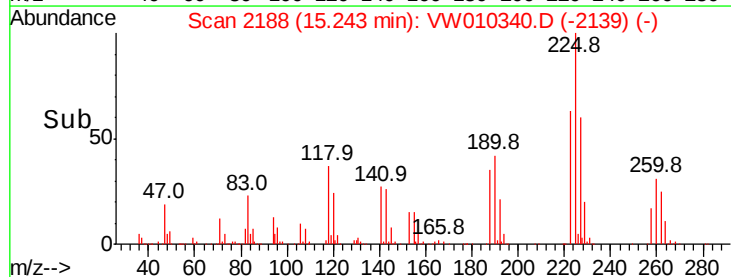
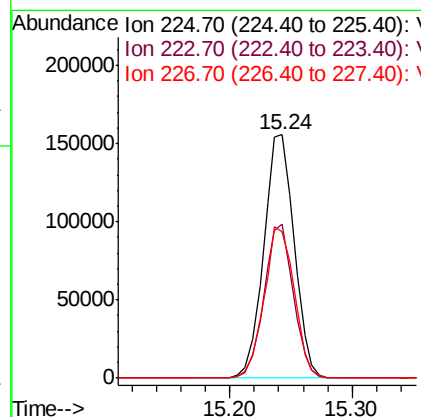
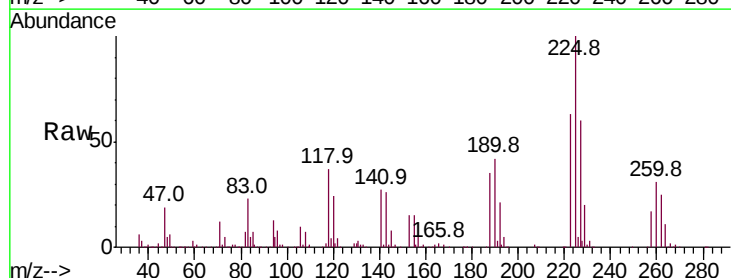
Manual Integrations
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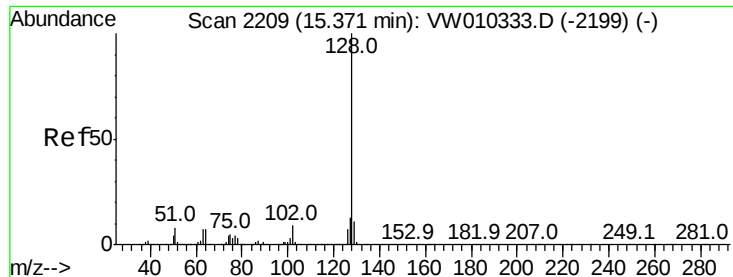
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#94
 Hexachlorobutadiene
 Concen: 20.106 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010340.D
 Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	31.9	95.5	
227	61.8	31.8	95.3	





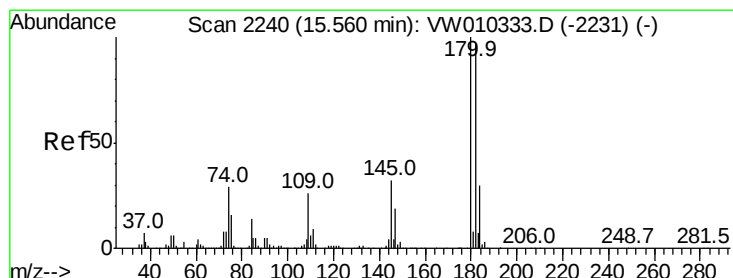
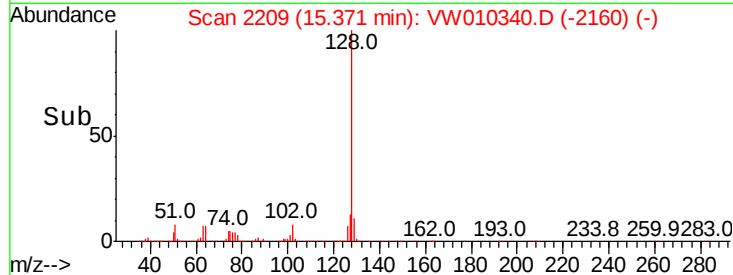
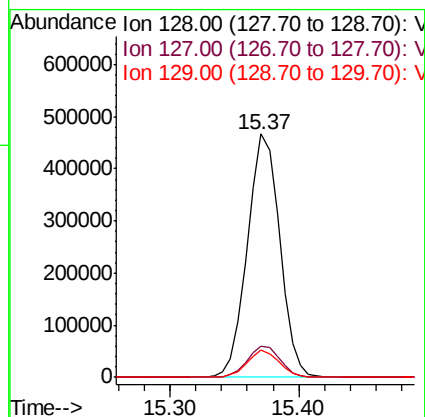
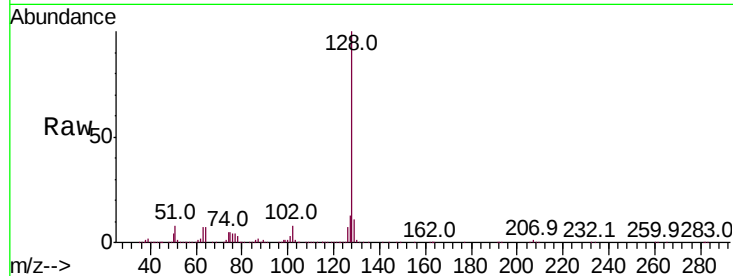
#95
Naphthalene
Concen: 19.368 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010340.D
Acq: 09 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	32.8	16.4	49.2

