

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010759.D
 Acq On : 10 Jun 2019 21:38
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:29 PM

Quant Time: Jun 11 06:53:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143466	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	107497	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.32	98	441376	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.62	95	192284	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87105	40.922	ug/l	99
3) Chloromethane	2.21	50	139481	44.539	ug/l	97
4) Vinyl Chloride	2.35	62	122287	42.265	ug/l	100
5) Bromomethane	2.75	94	83064	52.278	ug/l	98
6) Chloroethane	2.90	64	78399	45.141	ug/l	98
7) Trichlorofluoromethane	3.25	101	175229	46.655	ug/l	99
8) Diethyl Ether	3.68	74	73767	54.959	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108591	47.027	ug/l	98
10) Methyl Iodide	4.27	142	79571	35.039	ug/l	99
11) Tert butyl alcohol	5.17	59	78643	355.566	ug/l	98
12) 1,1-Dichloroethene	4.03	96	106081	47.623	ug/l	99
13) Acrolein	3.89	56	27752	307.059	ug/l	97
14) Allyl chloride	4.67	41	259485	52.832	ug/l	100
15) Acrylonitrile	5.37	53	187900	288.158	ug/l	100
16) Acetone	4.12	43	199771	274.617	ug/l	98
17) Carbon Disulfide	4.37	76	325351	46.011	ug/l	99
18) Methyl Acetate	4.67	43	97677	62.377	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	364120	56.677	ug/l	98
20) Methylene Chloride	4.91	84	130737	51.230	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	127338	50.357	ug/l	98
22) Diisopropyl ether	6.31	45	553222	56.262	ug/l	100
23) Vinyl Acetate	6.25	43	1664130	280.433	ug/l	99
24) 1,1-Dichloroethane	6.21	63	263356	53.444	ug/l	98
25) 2-Butanone	7.17	43	299674	297.085	ug/l	96
26) 2,2-Dichloropropane	7.17	77	197426	49.235	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148533	53.375	ug/l	99
28) Bromochloromethane	7.51	49	116514	52.982	ug/l	97
29) Tetrahydrofuran	7.52	42	188201	296.625	ug/l	99
30) Chloroform	7.67	83	243106	53.937	ug/l	98
31) Cyclohexane	7.95	56	246199	44.945	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	204892	52.040	ug/l	99
36) 1,1-Dichloropropene	8.08	75	190522	47.214	ug/l	99
37) Ethyl Acetate	7.25	43	126470	56.557	ug/l	99
38) Carbon Tetrachloride	8.07	117	168779	48.451	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227510	44.351	ug/l	100
40) Benzene	8.32	78	552407	50.180	ug/l	100
41) Methacrylonitrile	7.49	41	76442	57.512	ug/l	96
42) 1,2-Dichloroethane	8.40	62	188624	53.987	ug/l	99
43) Isopropyl Acetate	8.42	43	247237	57.230	ug/l	99
44) Trichloroethene	9.09	130	134318	49.463	ug/l	100
45) 1,2-Dichloropropane	9.37	63	154579	53.045	ug/l	98
46) Dibromomethane	9.46	93	73705	54.454	ug/l	99
47) Bromodichloromethane	9.64	83	189220	53.931	ug/l	98
48) Methyl methacrylate	9.43	41	120163	57.690	ug/l	98
49) 1,4-Dioxane	9.45	88	23612	1115.784	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	634429	287.462	ug/l	100
52) Toluene	10.39	92	340242	50.233	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200710	54.009	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233628	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	104230	53.454	ug/l	99
56) Ethyl methacrylate	10.65	69	171344	57.108	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199004	54.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	412970	262.782	ug/l	100
59) 2-Hexanone	10.97	43	453542	284.344	ug/l	99
60) Dibromochloromethane	11.13	129	133127	61.589	ug/l	92
61) 1,2-Dibromoethane	11.23	107	99706	53.969	ug/l	100
64) Tetrachloroethene	10.86	164	123938	51.766	ug/l	99
65) Chlorobenzene	11.66	112	348327	49.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	126386	51.488	ug/l	97
67) Ethyl Benzene	11.73	91	657757	48.266	ug/l	99
68) m/p-Xylenes	11.84	106	471228	96.595	ug/l	99
69) o-Xylene	12.16	106	230074	49.727	ug/l	98
70) Styrene	12.18	104	407454	50.695	ug/l	100
71) Bromoform	12.35	173	73499	57.896	ug/l #	93
73) Isopropylbenzene	12.46	105	631706	47.904	ug/l	98
74) N-amyl acetate	12.27	43	240640	56.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127624	50.837	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	98128m	53.249	ug/l	
77) Bromobenzene	12.75	156	145334	50.490	ug/l	100
78) n-propylbenzene	12.80	91	735648	46.265	ug/l	99
79) 2-Chlorotoluene	12.89	91	440184	48.455	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	509221	47.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41752	52.073	ug/l	97
82) 4-Chlorotoluene	12.99	91	448526	47.844	ug/l	100
83) tert-Butylbenzene	13.21	119	444176	48.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	514915	47.407	ug/l	98
85) sec-Butylbenzene	13.38	105	610777	45.795	ug/l	97
86) p-Isopropyltoluene	13.50	119	549118	46.040	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267897	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263121	47.812	ug/l	97
89) n-Butylbenzene	13.83	91	540823	45.447	ug/l	100
90) Hexachloroethane	14.10	117	107668	50.408	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	243840	48.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23977	55.619	ug/l	77

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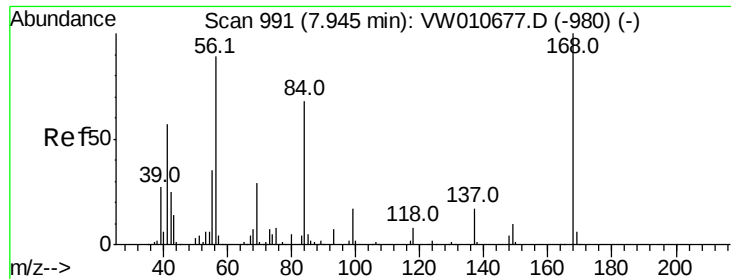
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	178013	50.815	ug/l	98
94) Hexachlorobutadiene	15.24	225	102044	46.413	ug/l	99
95) Naphthalene	15.37	128	363129	57.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158407	53.170	ug/l	97

(#) = 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: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 230336

Ion Ratio Lower Upper

168 100

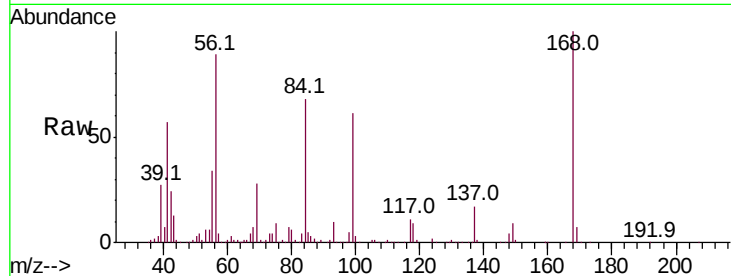
99 61.3 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

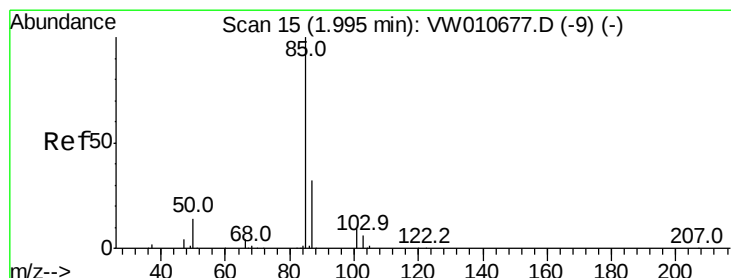
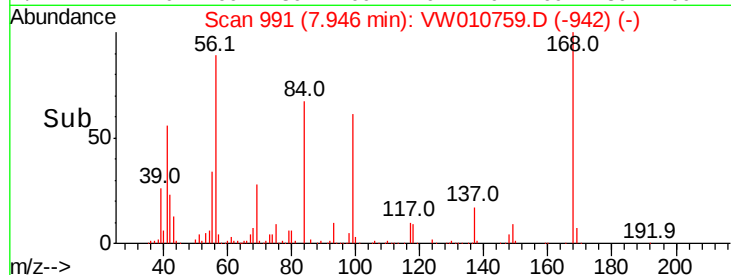
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 40.922 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010759.D

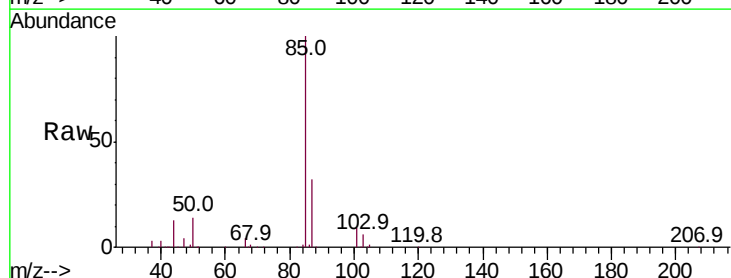
Acq: 10 Jun 2019 21:38

Tgt Ion: 85 Resp: 87105

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

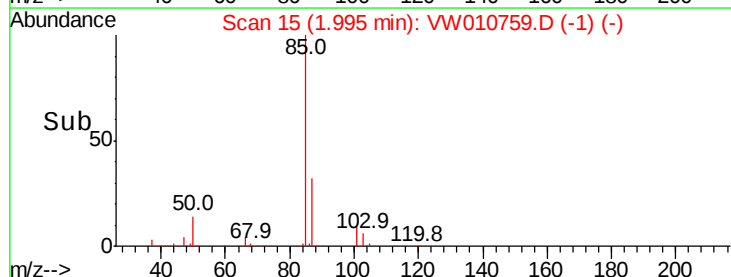
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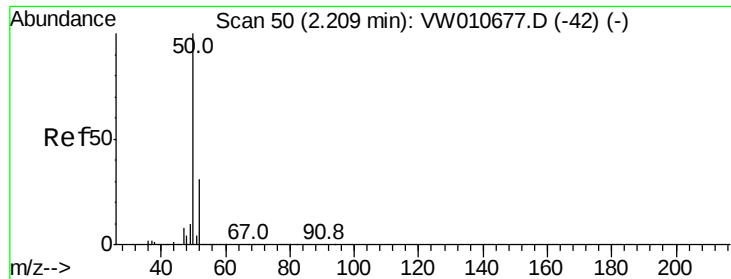
20000

10000

0

Time--> 1.90 2.00 2.10





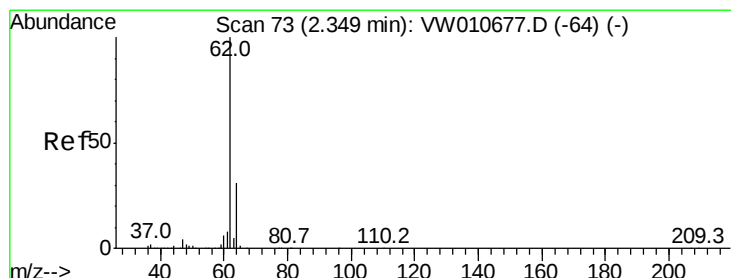
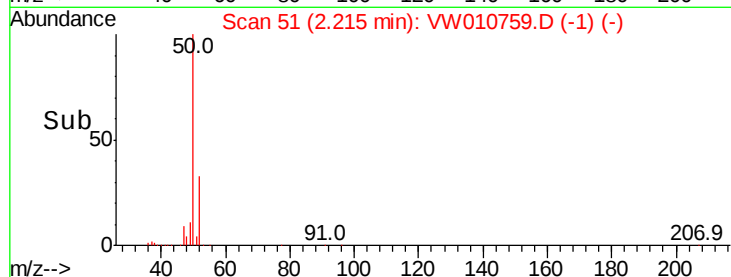
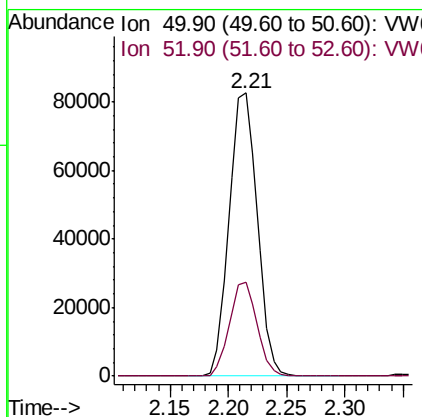
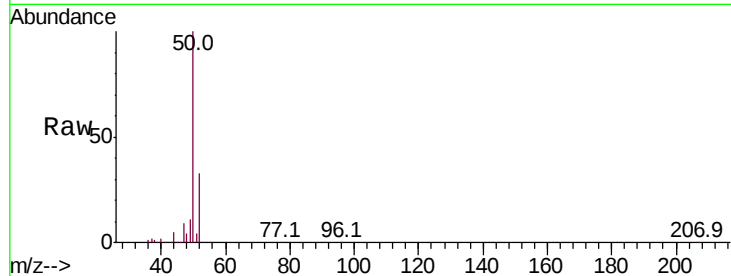
#3
Chloromethane
Concen: 44.539 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 139481
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8

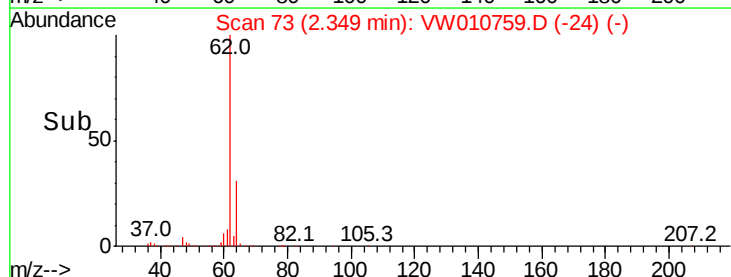
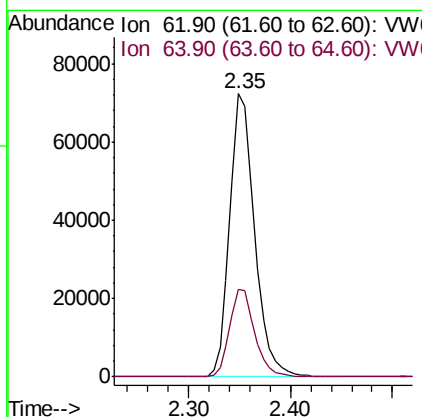
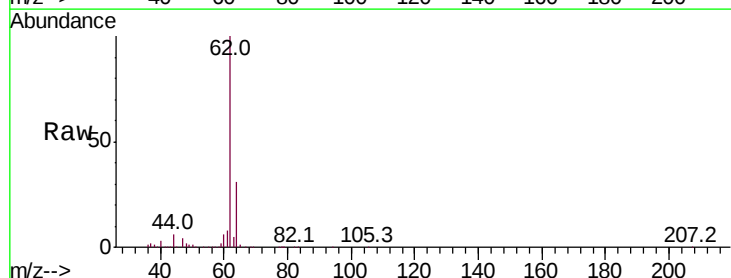
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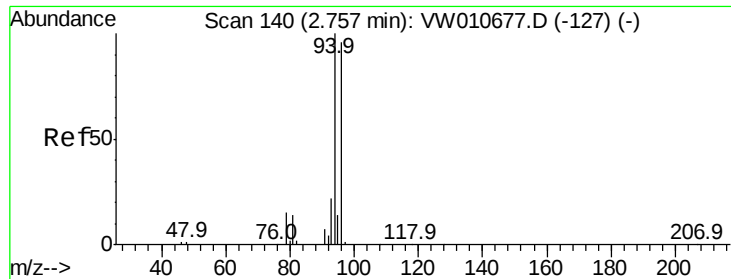
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#4
Vinyl Chloride
Concen: 42.265 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 62 Resp: 122287
Ion Ratio Lower Upper
62 100
64 30.8 24.5 36.7





#5

Bromomethane

Concen: 52.278 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 83064

Ion Ratio Lower Upper

94 100

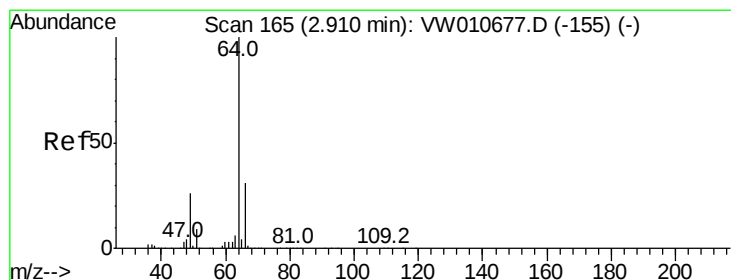
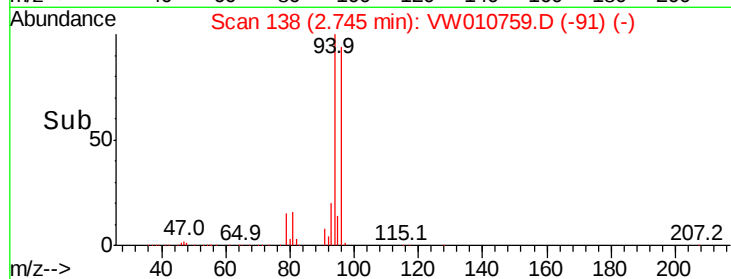
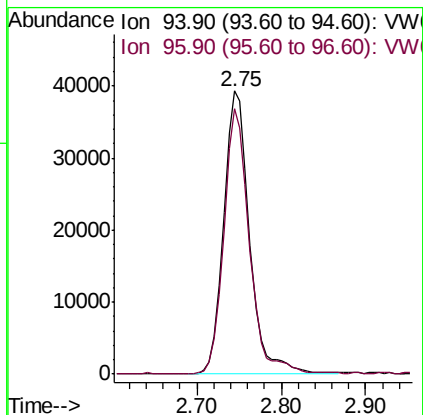
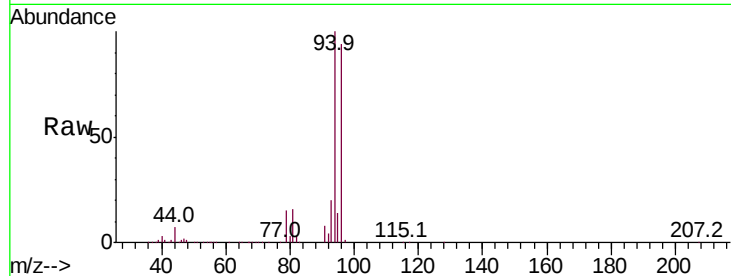
96 93.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 45.141 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010759.D

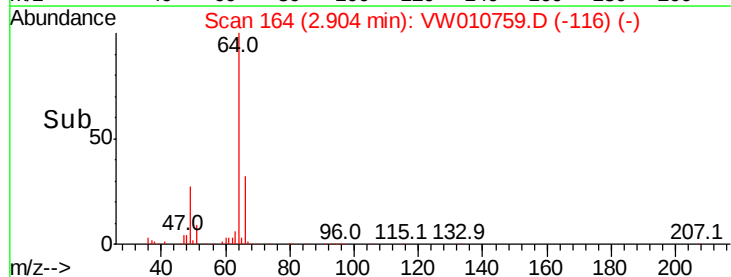
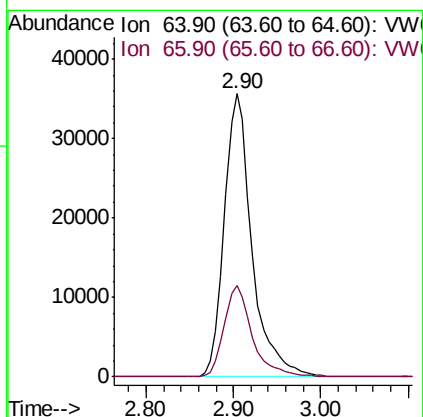
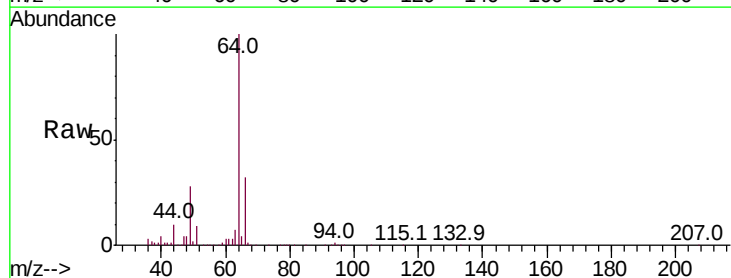
Acq: 10 Jun 2019 21:38

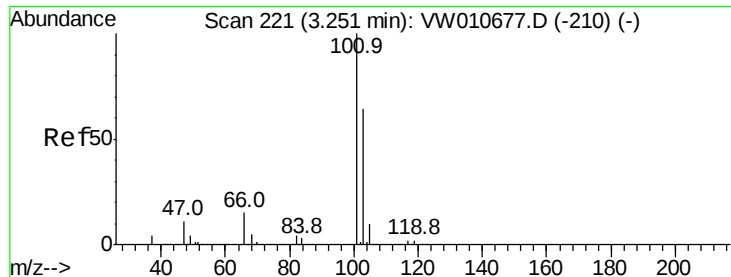
Tgt Ion: 64 Resp: 78399

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7





#7

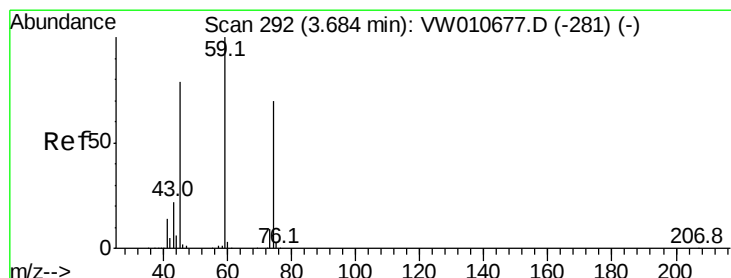
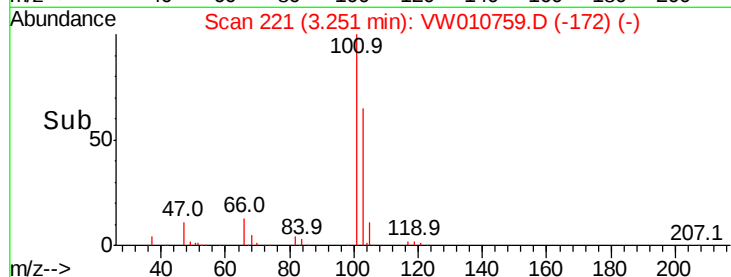
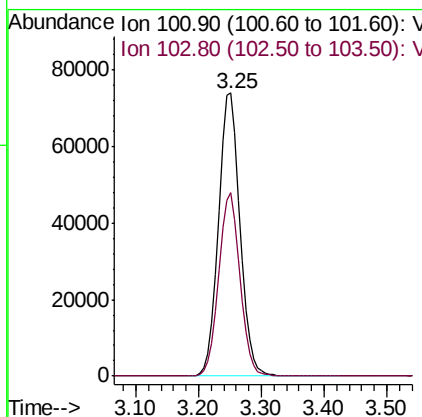
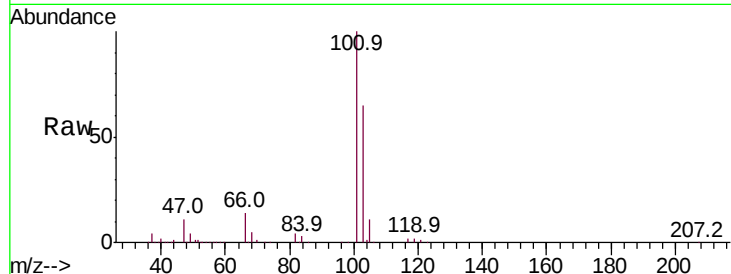
Trichlorofluoromethane
 Concen: 46.655 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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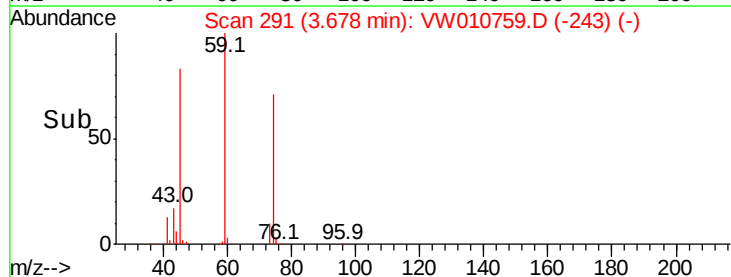
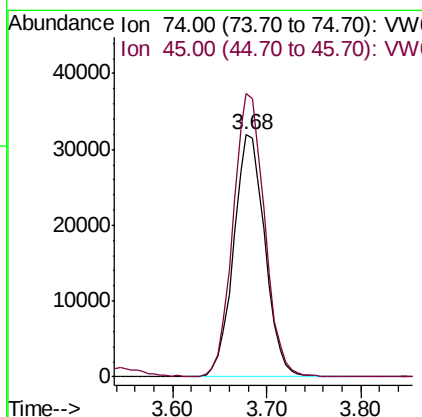
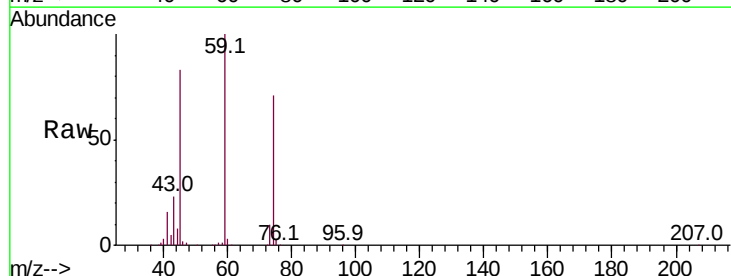
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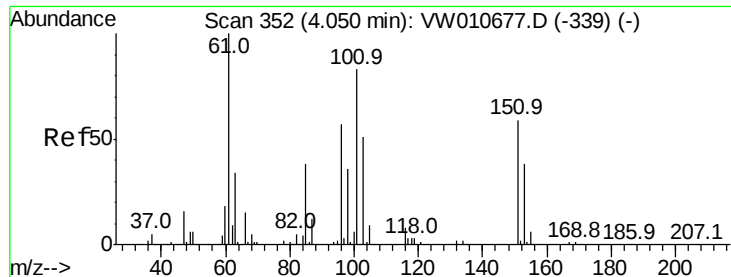


#8

Diethyl Ether
 Concen: 54.959 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.3	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.027 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

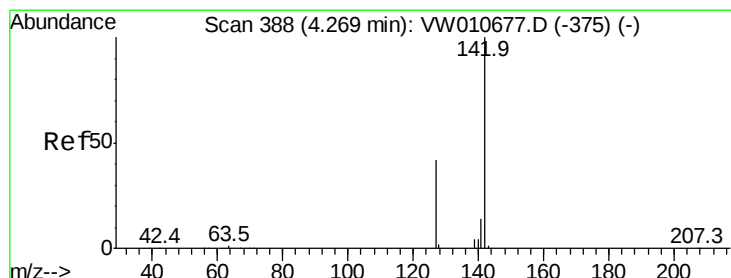
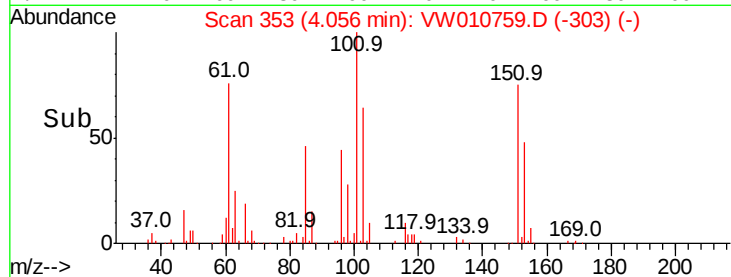
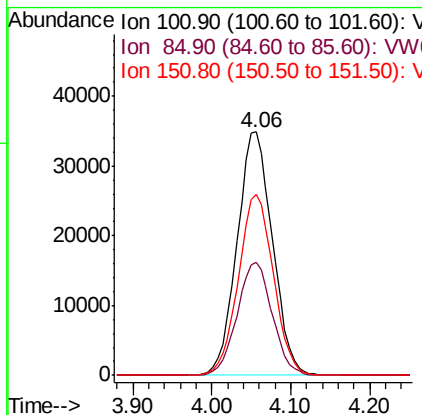
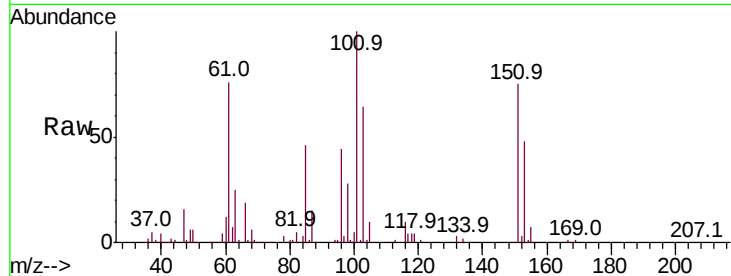
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	108591
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.8	53.8
151	73.8	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 35.039 ug/l

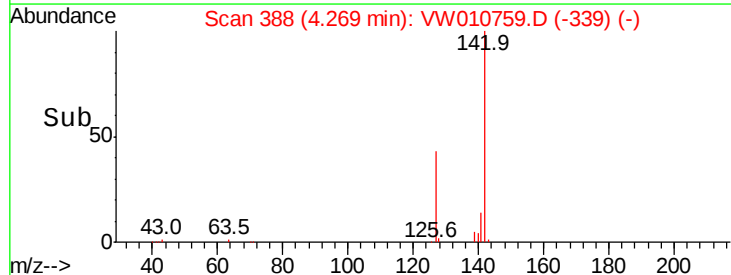
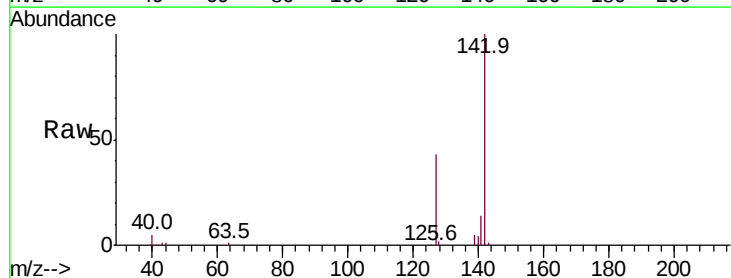
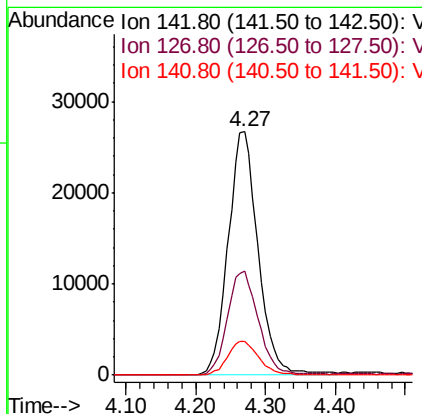
RT: 4.27 min Scan# 388

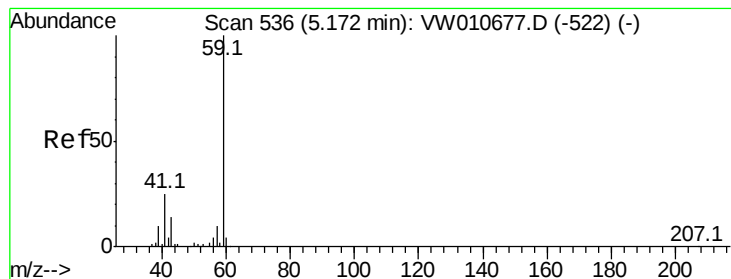
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	142	Resp:	79571
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	51.8
141	14.5	11.6	17.4





#11

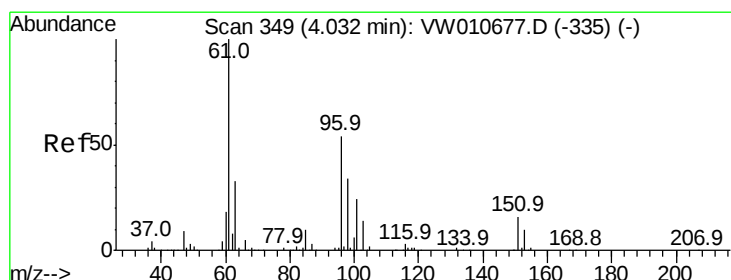
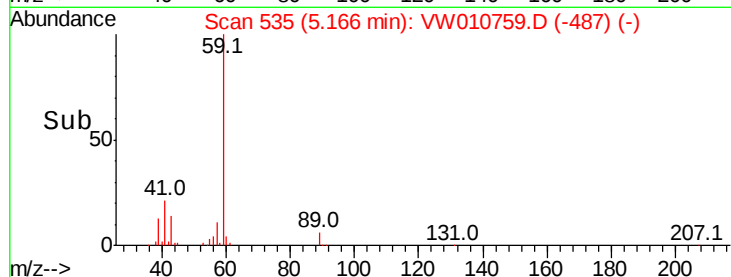
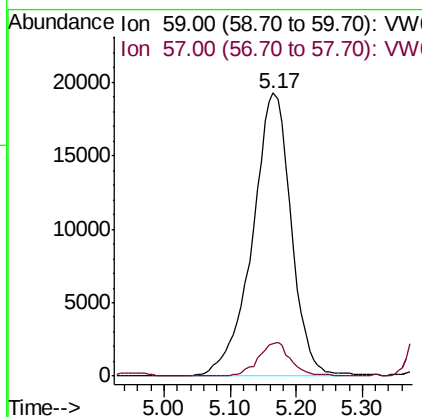
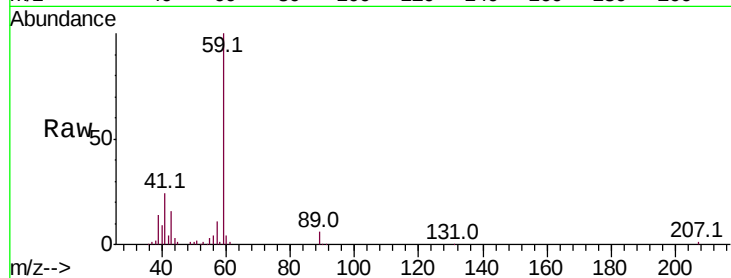
Tert butyl alcohol
Concen: 355.566 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	78643
Ion Ratio	100	Lower	Upper
57	10.0	8.6	12.8

Manual Integrations
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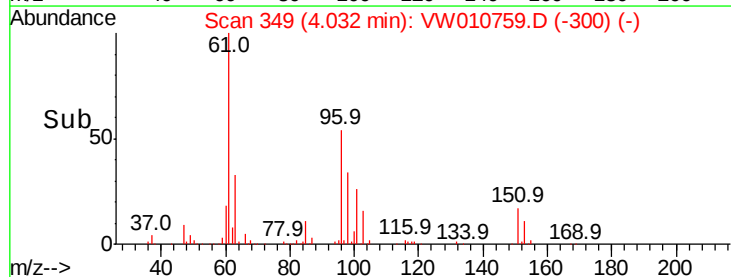
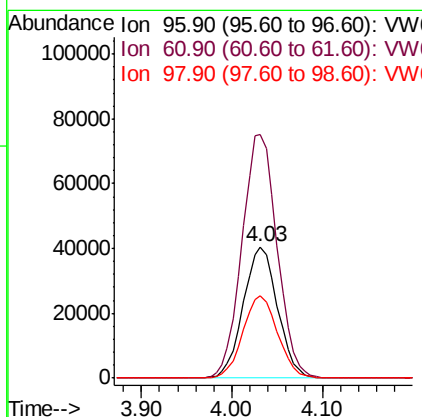
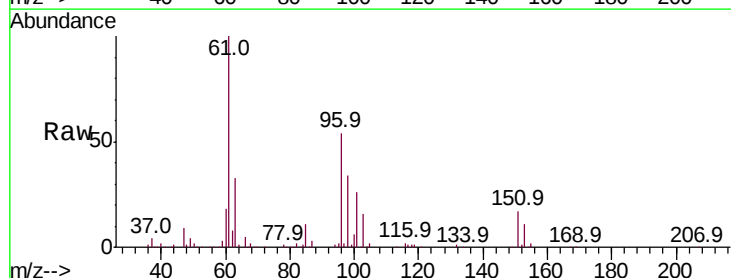
MMDadoda
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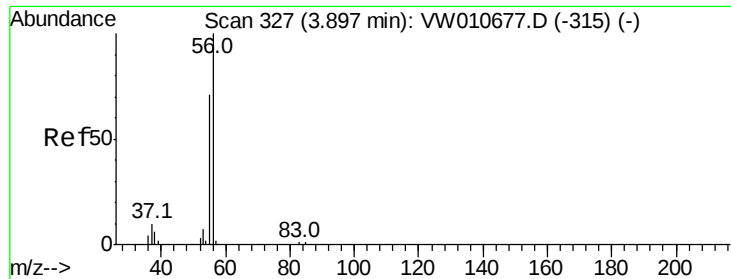


#12

1,1-Dichloroethene
Concen: 47.623 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	96	Resp	106081
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
61	185.8	149.1	223.7
98	62.9	51.1	76.7





#13

Acrolein

Concen: 307.059 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 27752

Ion Ratio Lower Upper

56 100

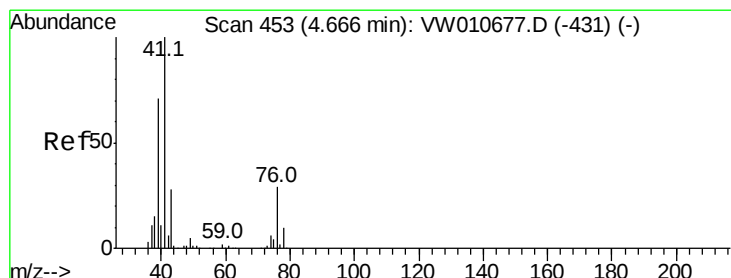
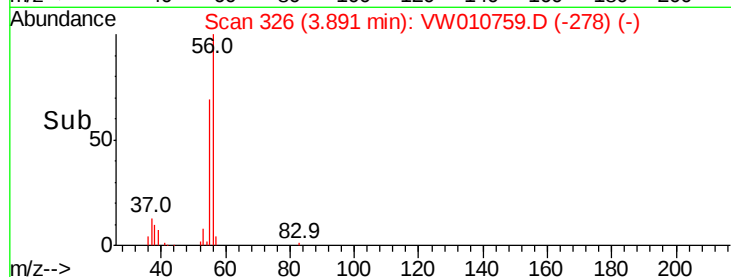
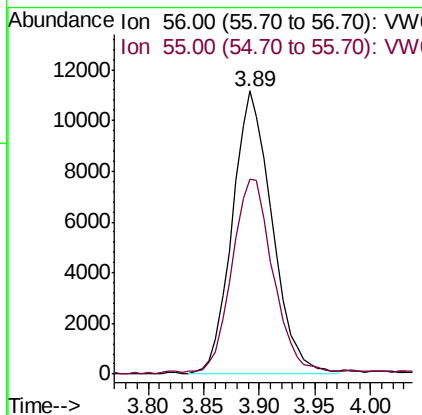
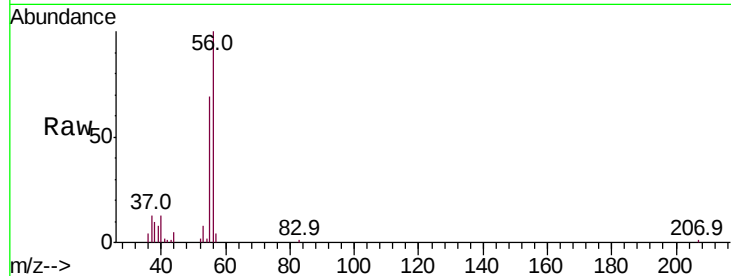
55 69.6 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 52.832 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

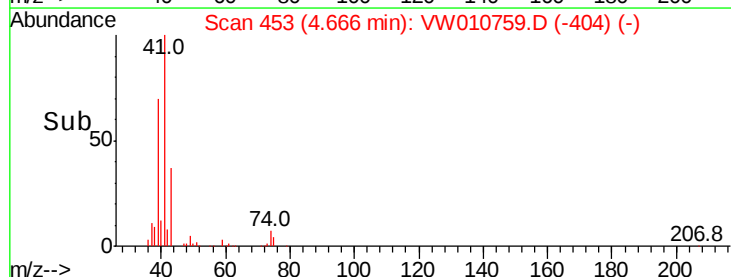
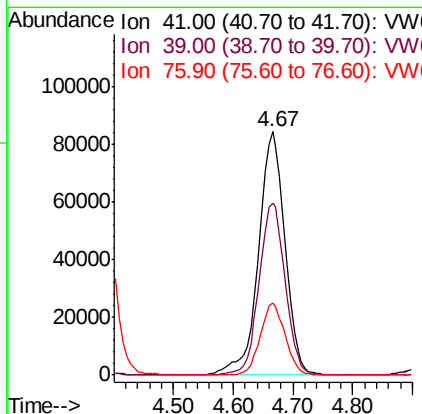
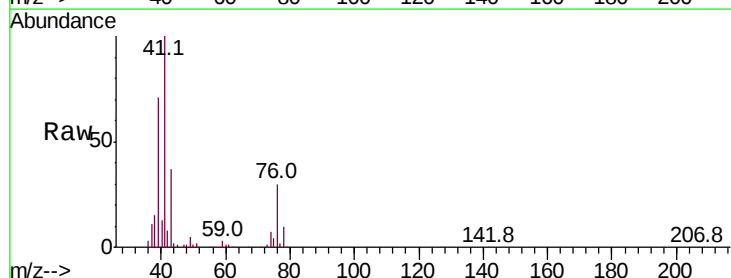
Tgt Ion: 41 Resp: 259485

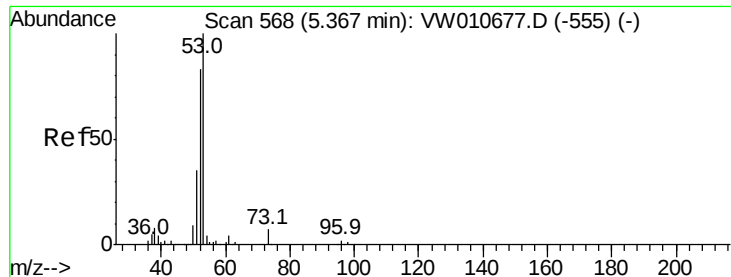
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 27.8 22.7 34.1





#15

Acrylonitrile

Concen: 288.158 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

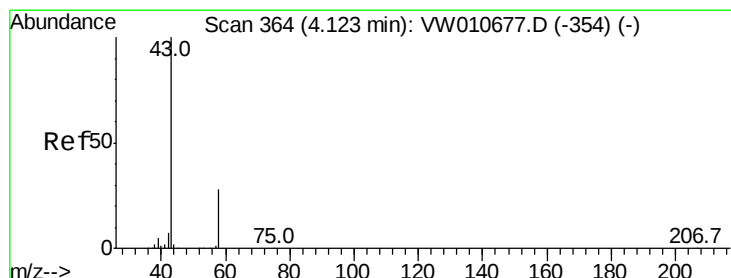
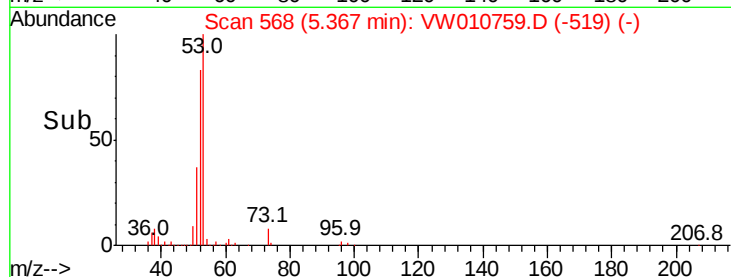
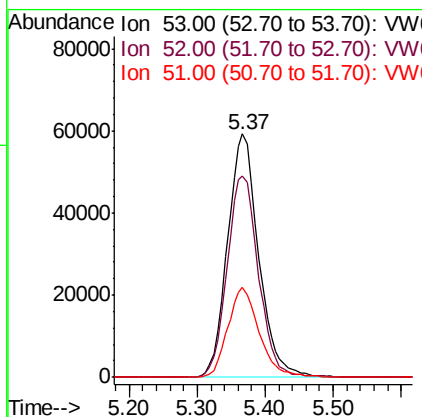
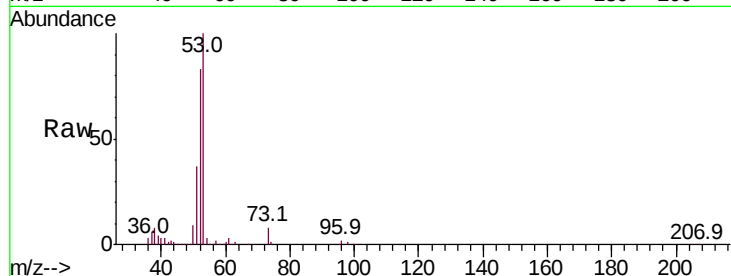
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	187900
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	100.0
51	37.6	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 274.617 ug/l

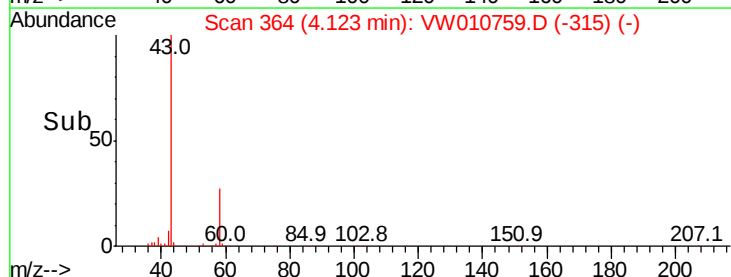
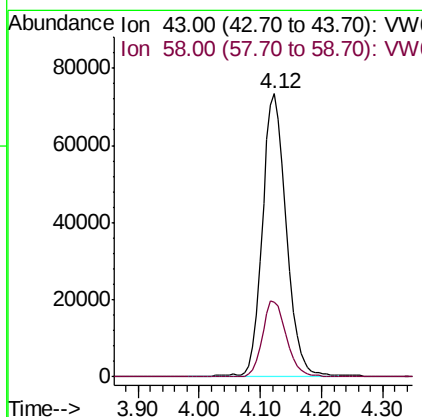
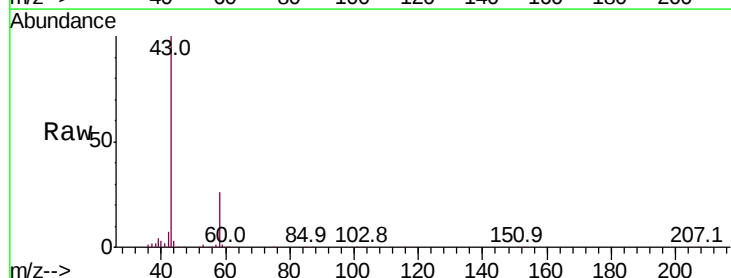
RT: 4.12 min Scan# 364

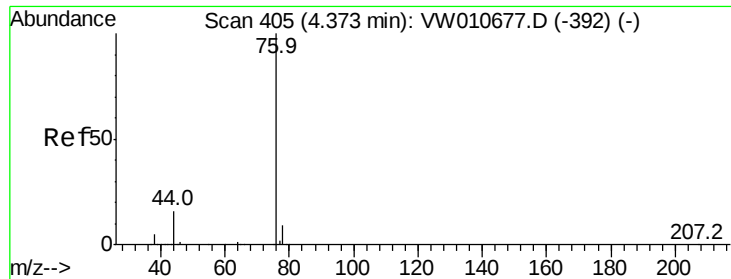
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	43	Resp:	199771
Ion Ratio	Lower	Upper	
43	100		
58	26.4	22.1	33.1





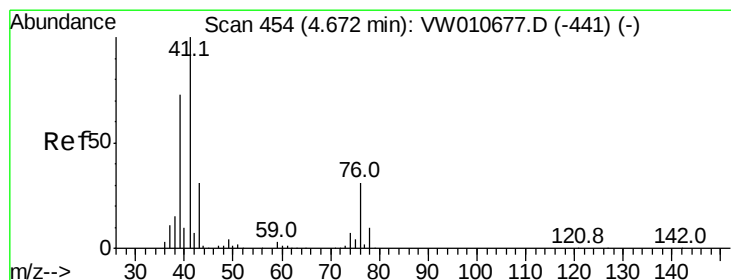
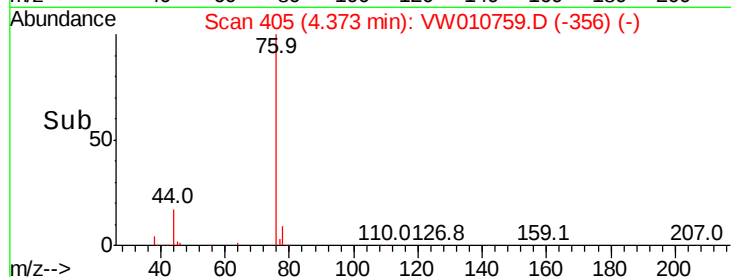
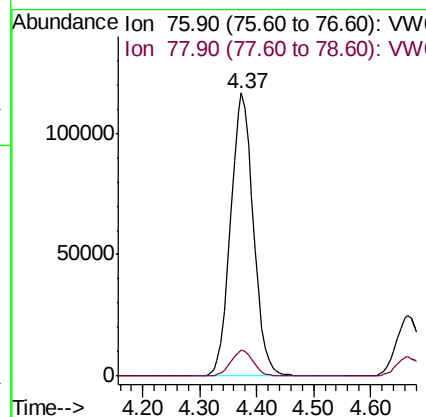
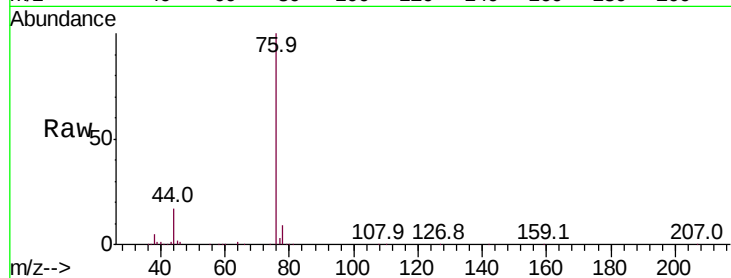
#17
Carbon Disulfide
Concen: 46.011 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

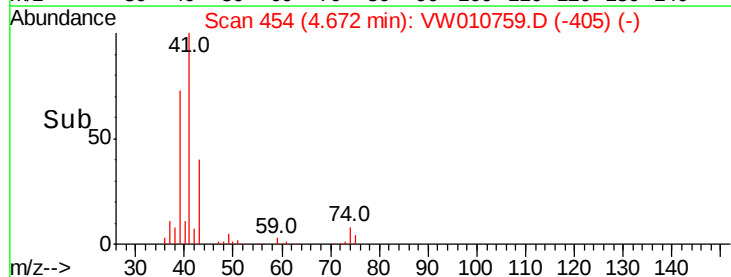
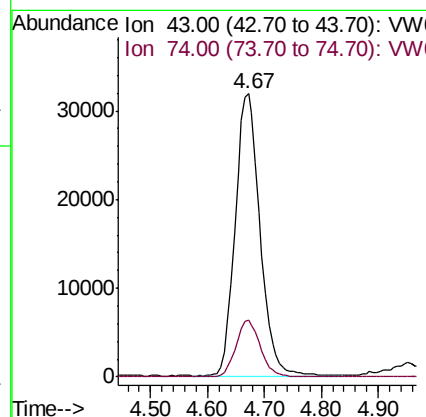
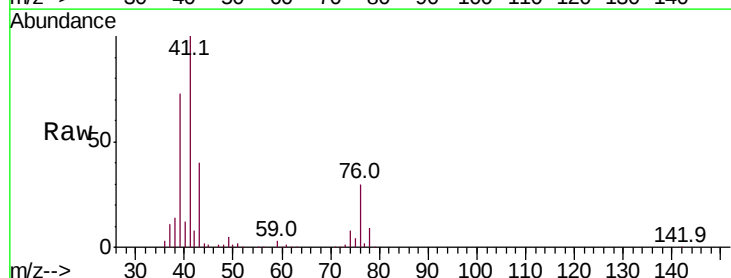
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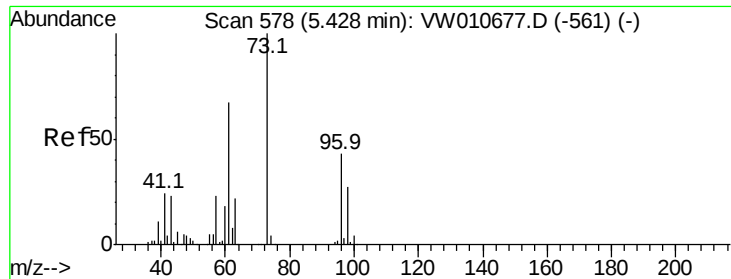
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#18
Methyl Acetate
Concen: 62.377 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.7	25.1





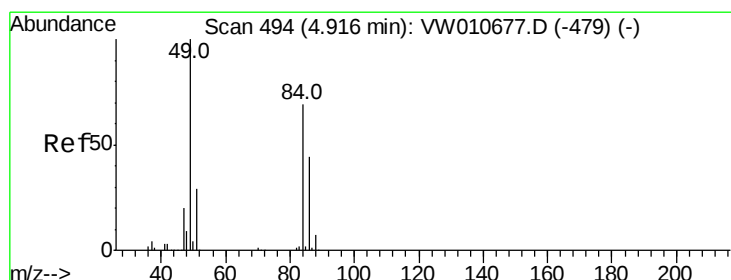
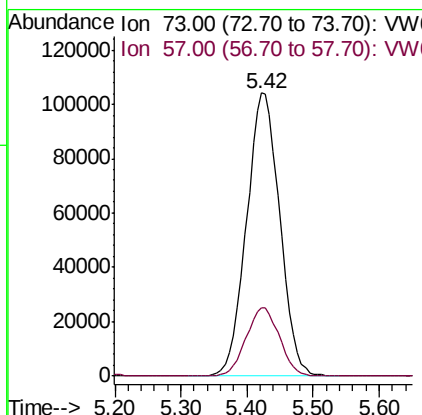
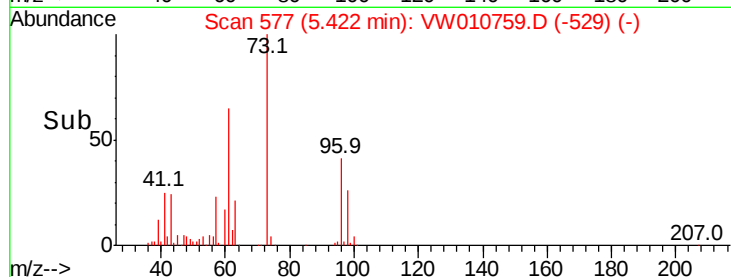
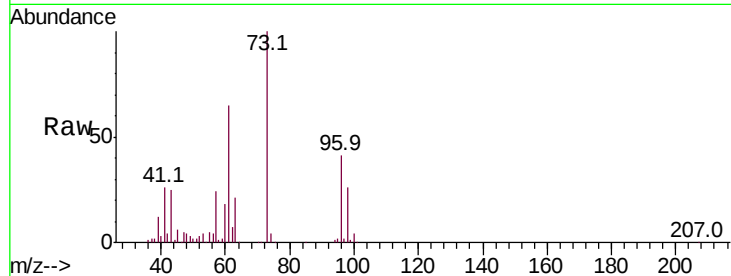
#19
Methvl tert-butvl Ether
Concen: 56.677 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 364120
Ion Ratio Lower Upper
73 100
57 24.0 18.6 27.8

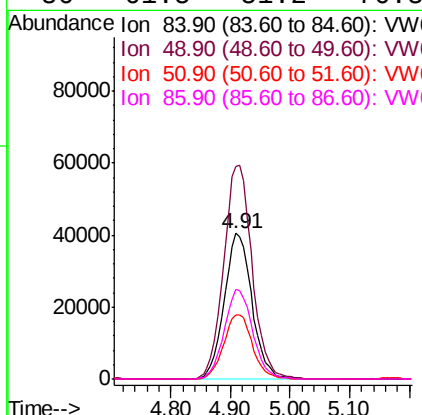
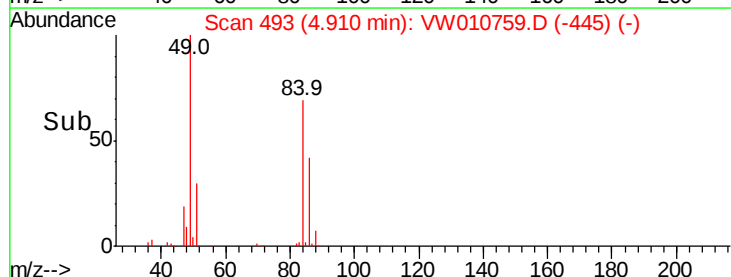
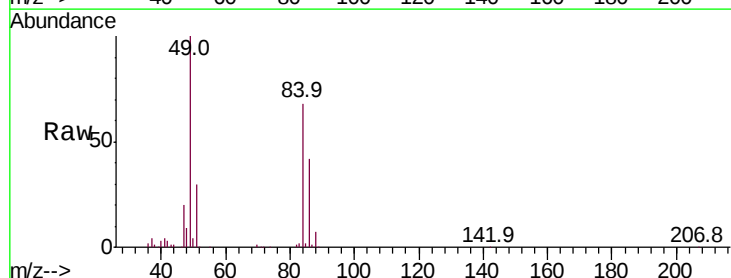
Manual Integrations
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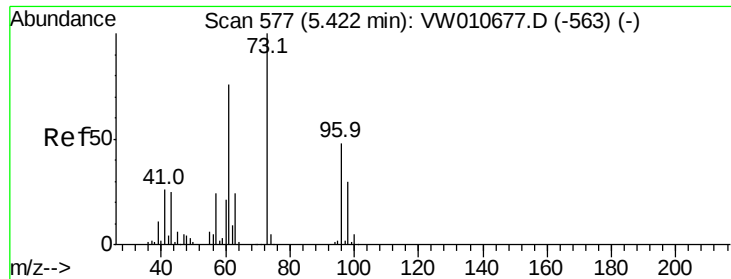
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#20
Methylene Chloride
Concen: 51.230 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 84 Resp: 130737
Ion Ratio Lower Upper
84 100
49 145.9 116.7 175.1
51 44.1 34.2 51.2
86 61.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.357 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 127338

Ion Ratio Lower Upper

96 100

61 161.1 126.0 189.0

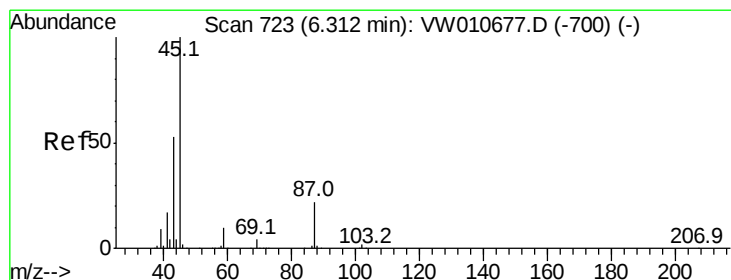
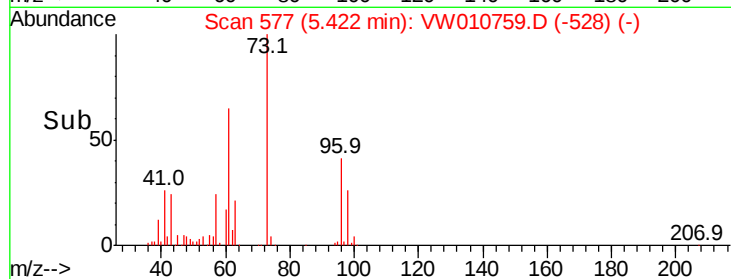
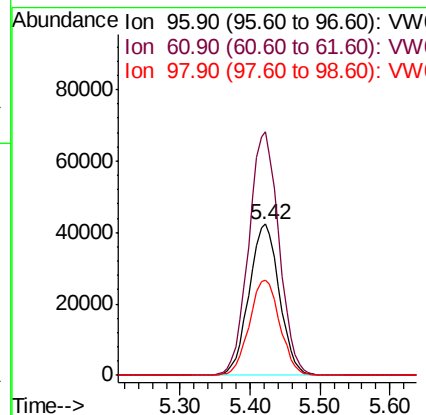
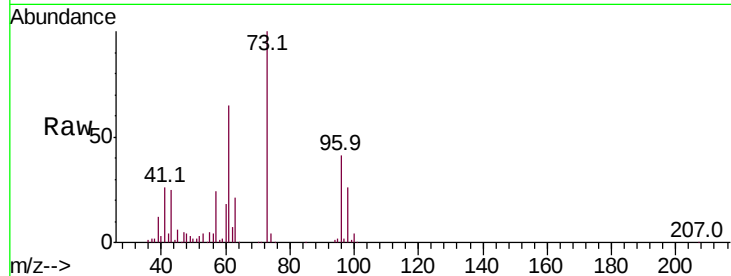
98 62.8 49.6 74.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 56.262 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 45 Resp: 553222

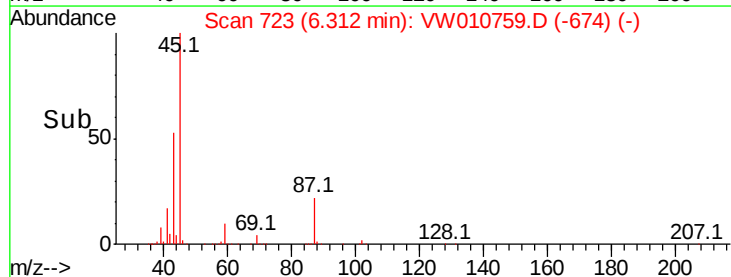
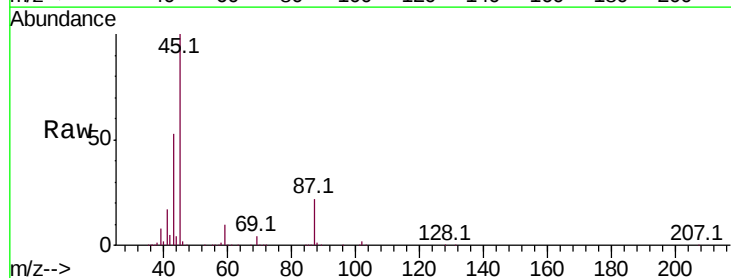
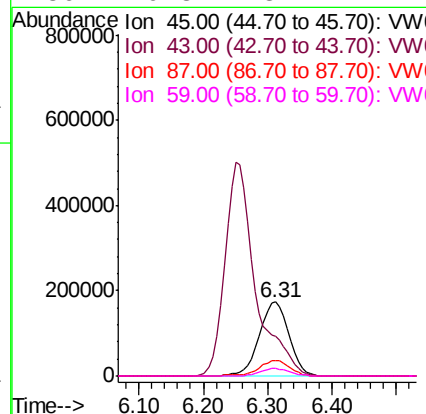
Ion Ratio Lower Upper

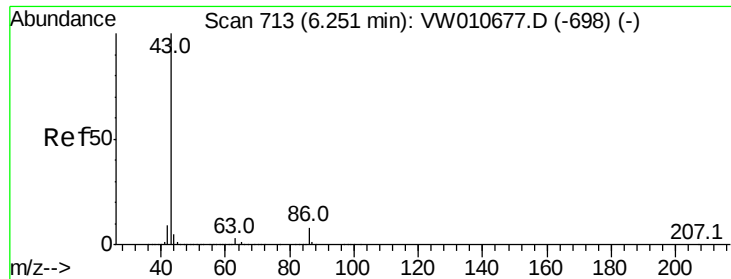
45 100

43 53.4 42.5 63.7

87 21.5 17.4 26.2

59 10.3 8.1 12.1





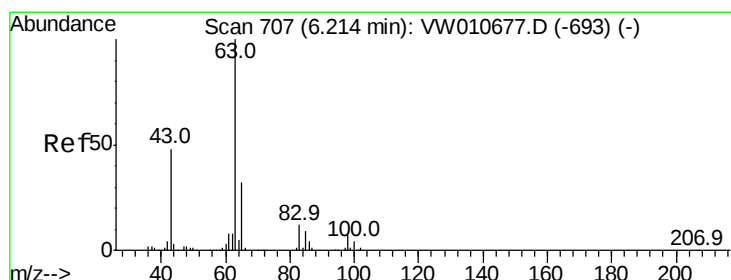
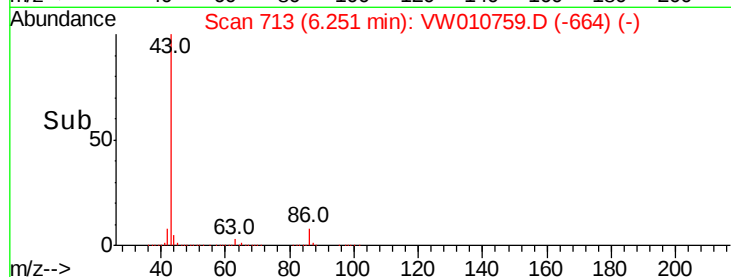
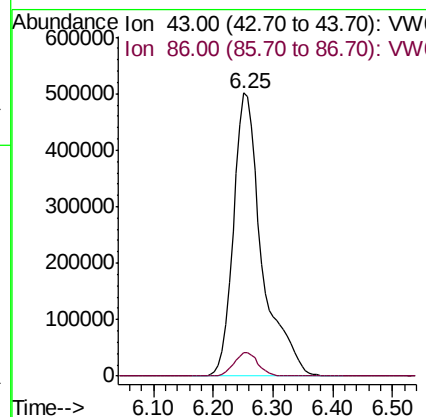
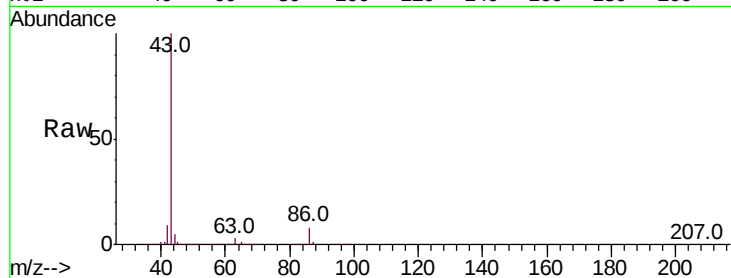
#23
 Vinyl Acetate
 Concen: 280.433 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1664130
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 10.0

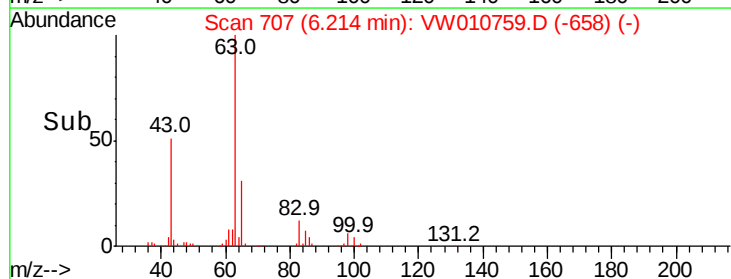
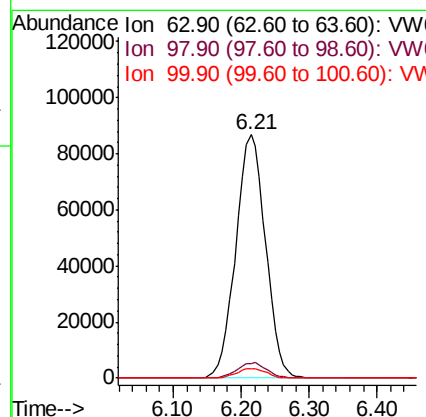
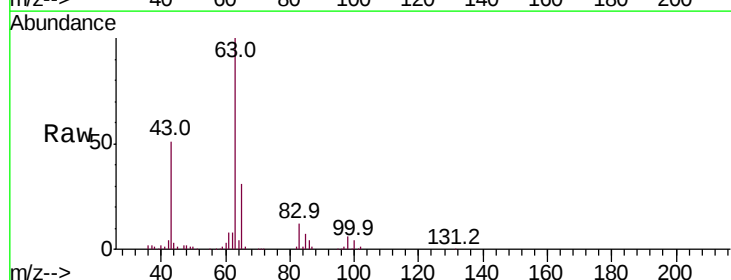
Manual Integrations
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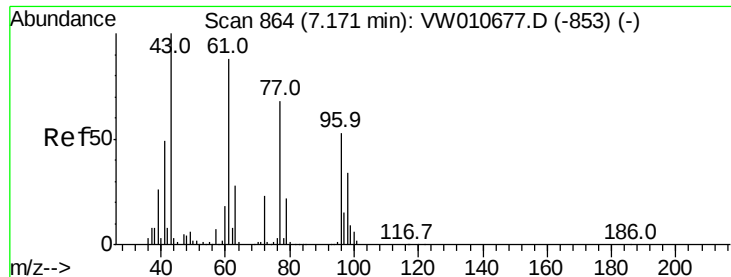
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#24
 1,1-Dichloroethane
 Concen: 53.444 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 63 Resp: 263356
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.2
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 297.085 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 299674

Ion Ratio Lower Upper

43 100

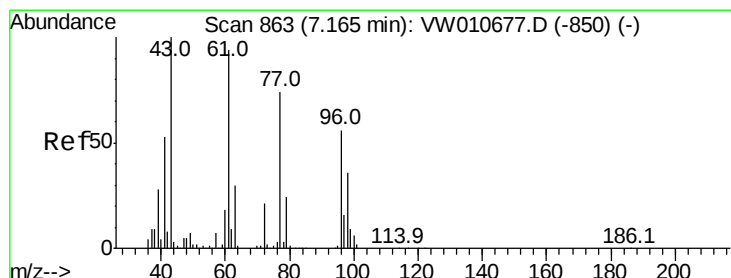
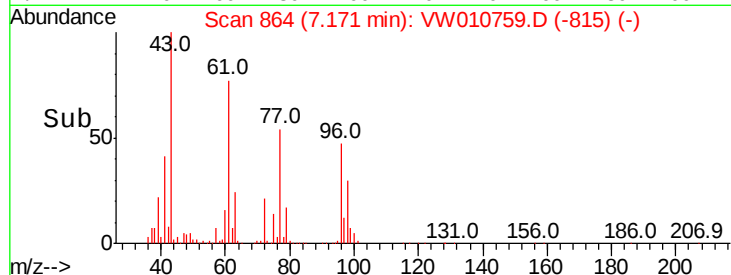
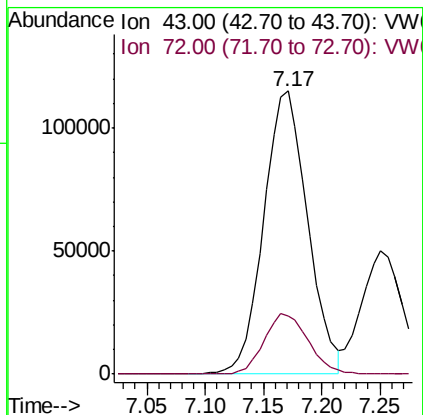
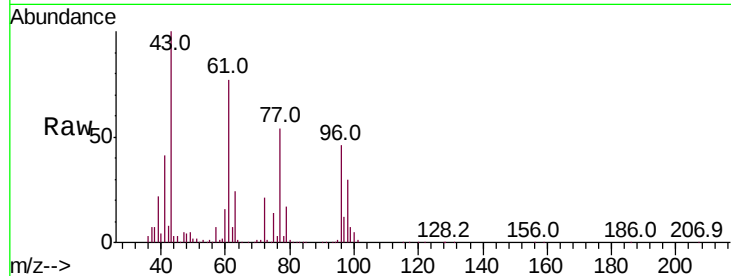
72 20.7 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.235 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010759.D

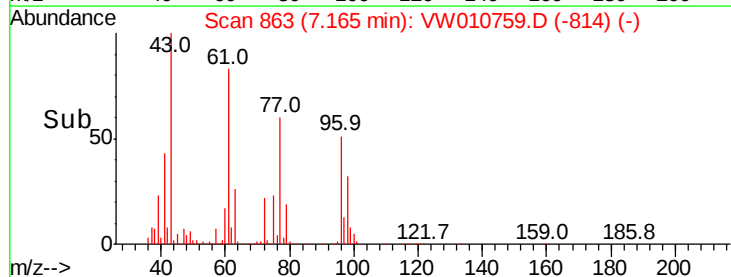
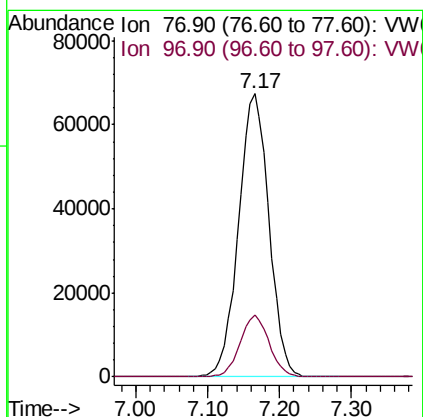
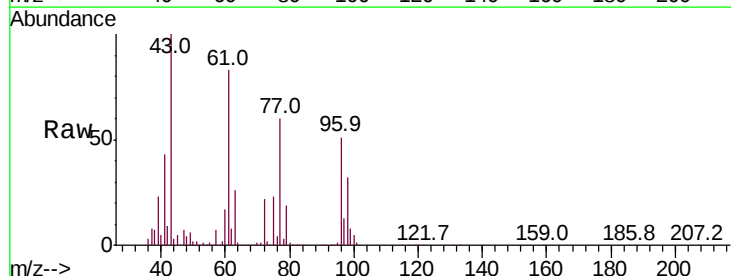
Acq: 10 Jun 2019 21:38

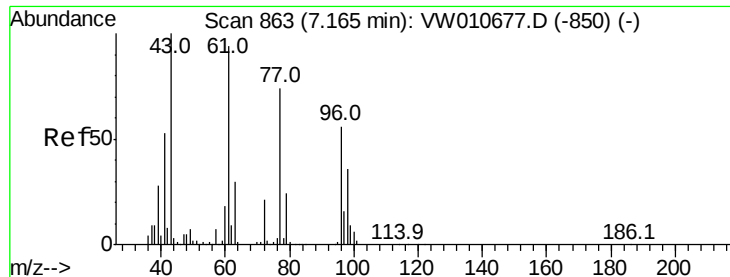
Tgt Ion: 77 Resp: 197426

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.6





#27

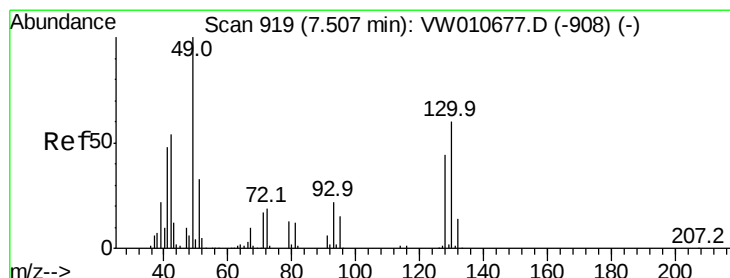
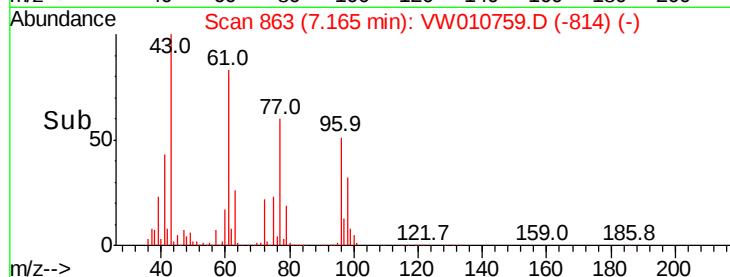
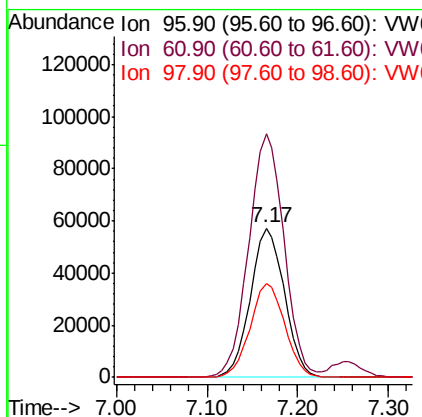
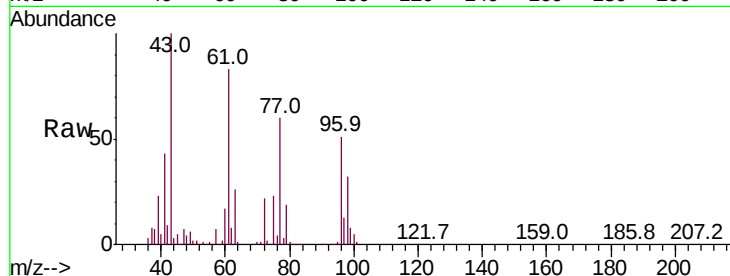
cis-1,2-Dichloroethene
Concen: 53.375 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	336.4
98	63.8	0.0	128.0

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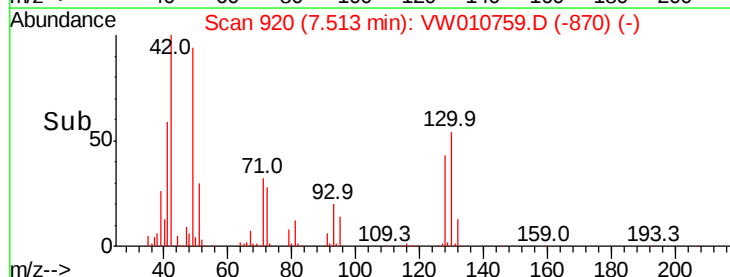
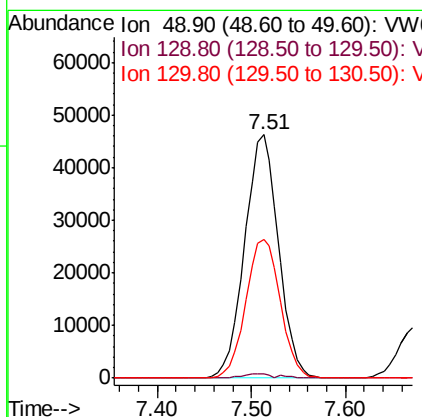
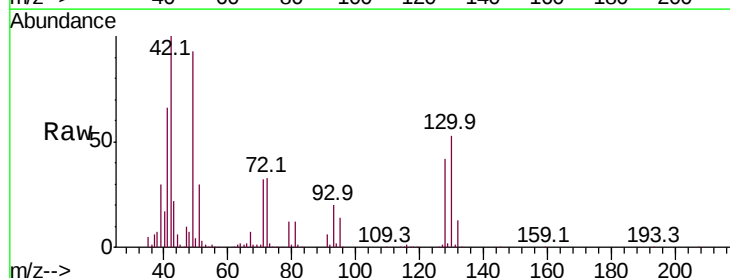
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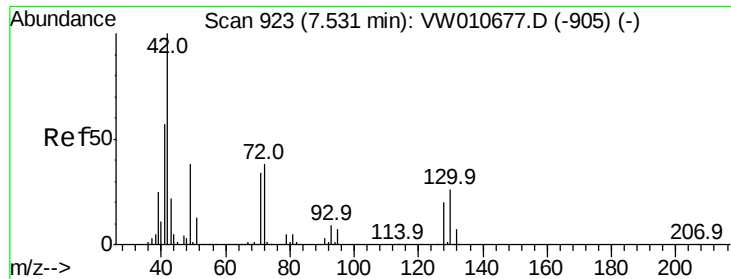


#28

Bromochloromethane
Concen: 52.982 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	58.3	48.3	72.5





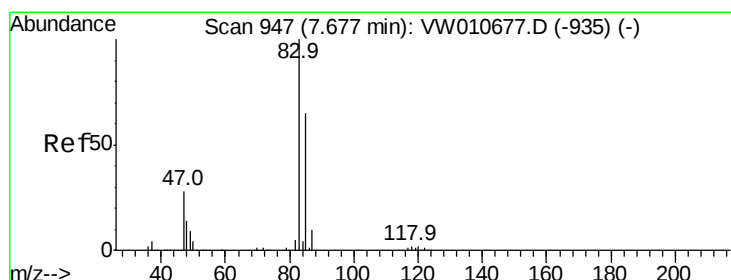
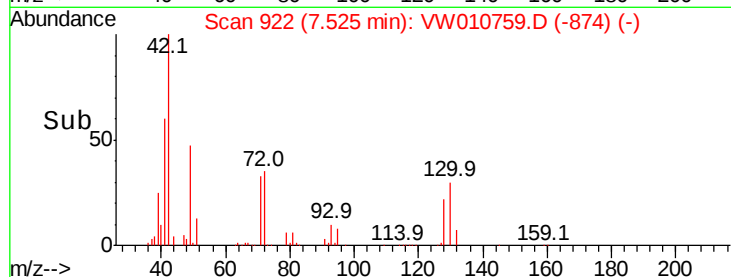
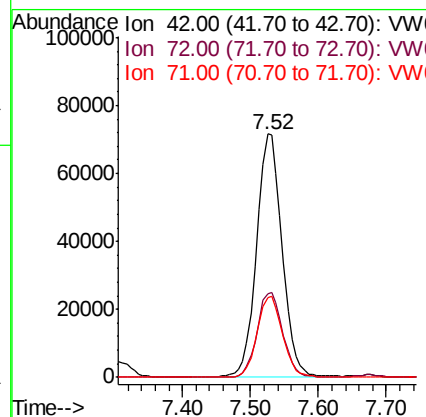
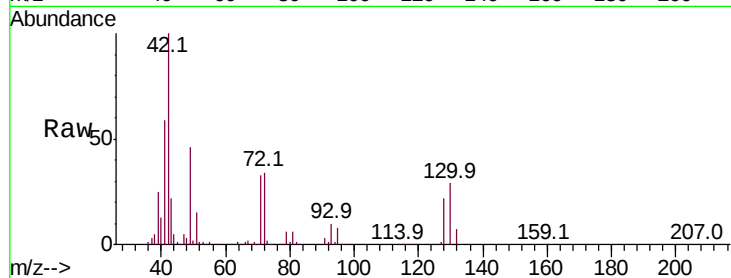
#29
Tetrahydrofuran
Concen: 296.625 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.1	28.7	43.1
71	33.1	26.6	39.8

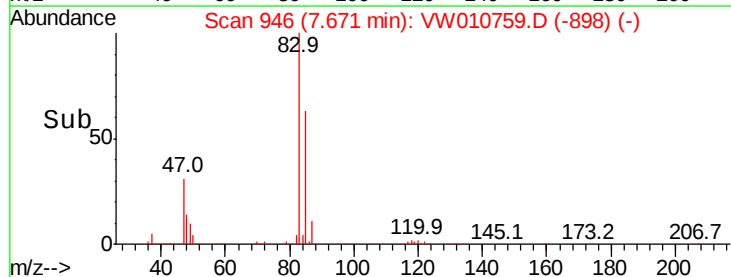
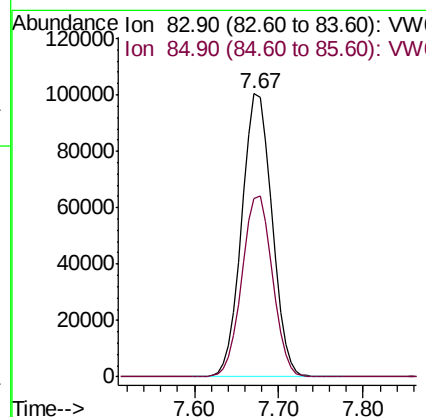
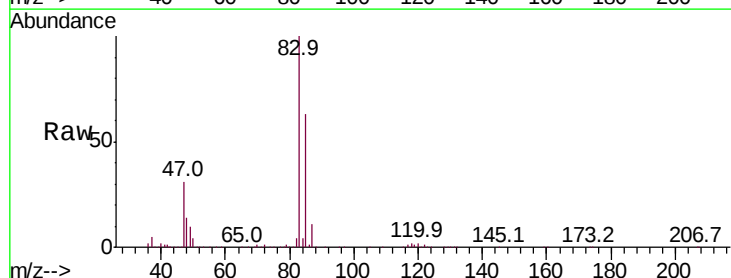
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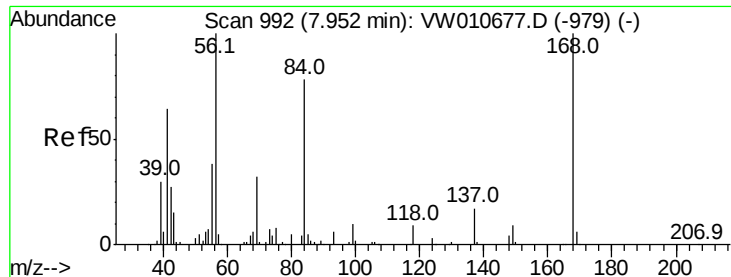
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#30
Chloroform
Concen: 53.937 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8





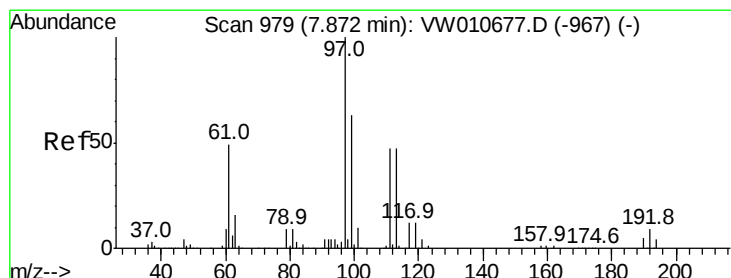
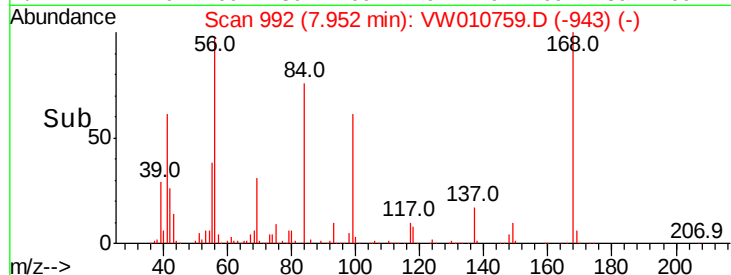
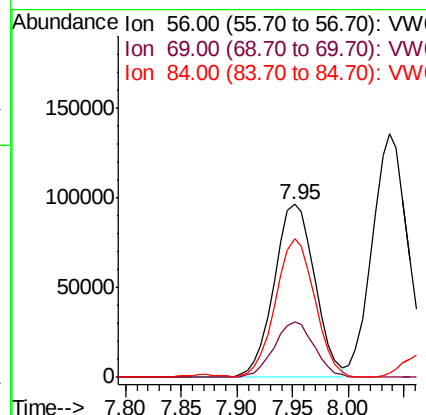
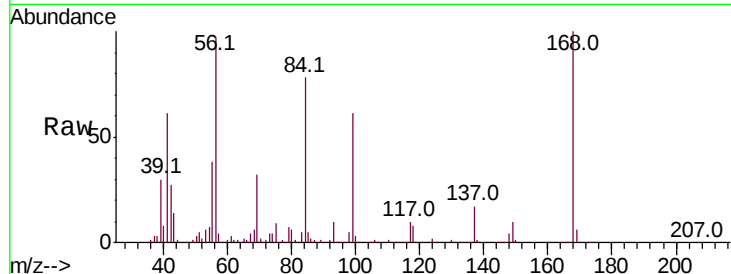
#31
Cyclohexane
Concen: 44.945 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.2	37.8
84	79.1	62.2	93.2

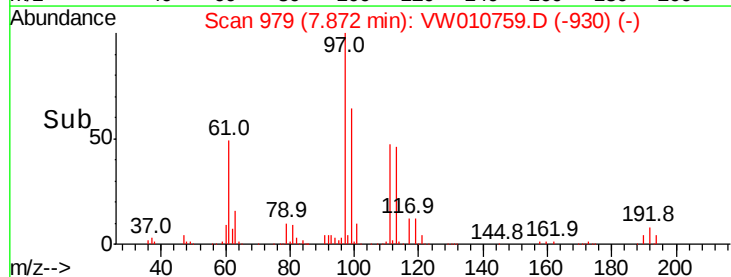
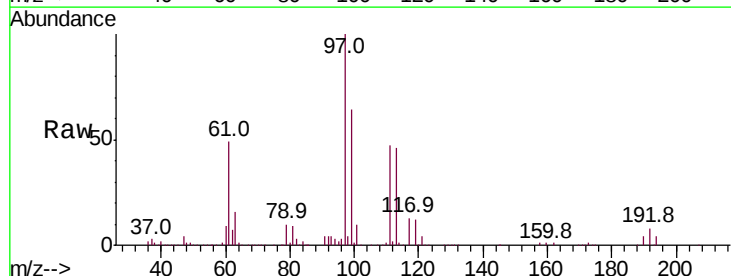
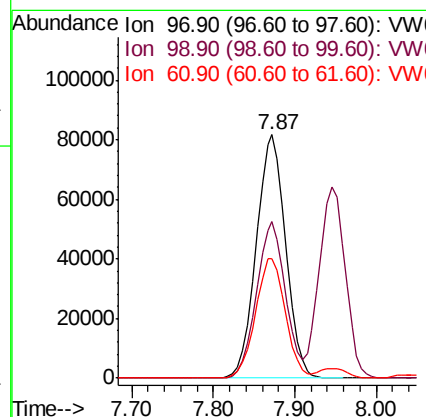
Manual Integrations
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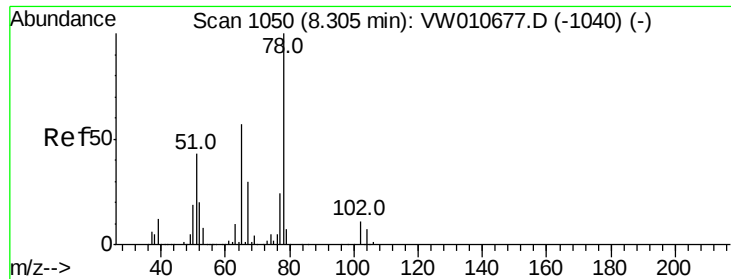
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#32
1,1,1-Trichloroethane
Concen: 52.040 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	50.1	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 52.844 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 143466

Ion Ratio Lower Upper

65 100

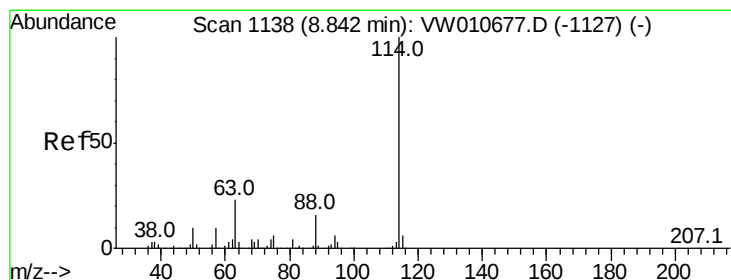
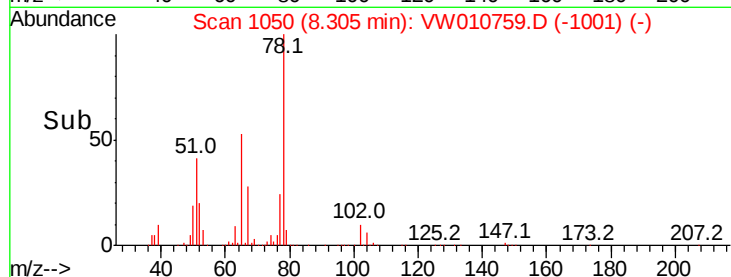
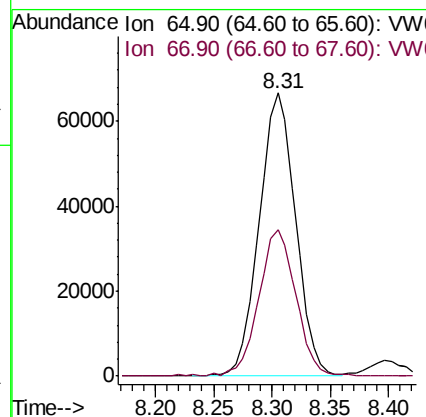
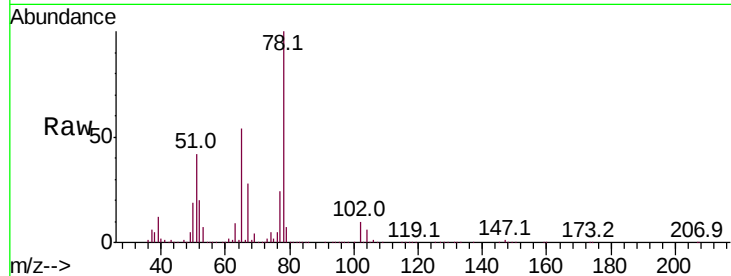
67 53.2 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

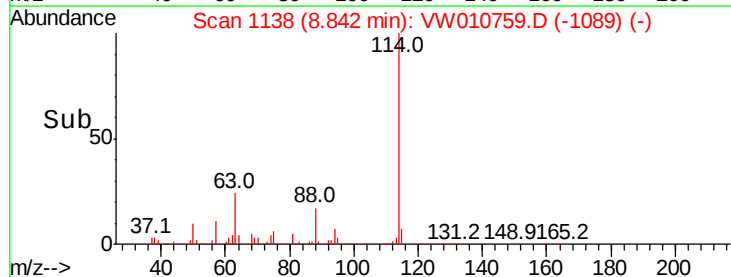
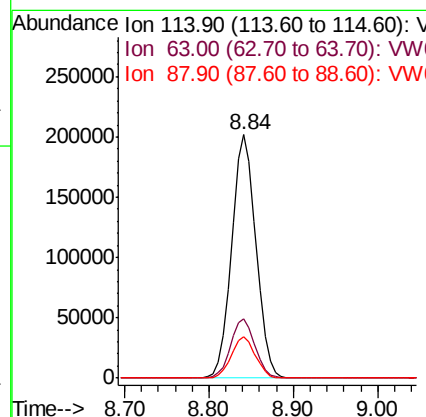
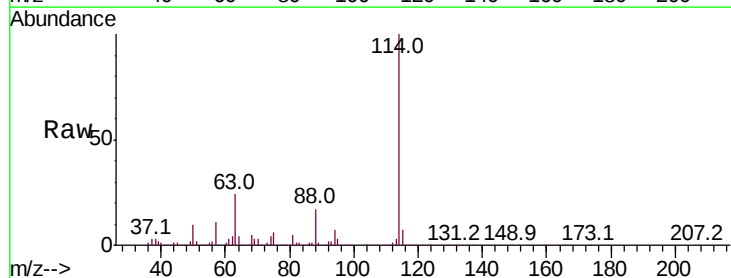
Tgt Ion: 114 Resp: 394222

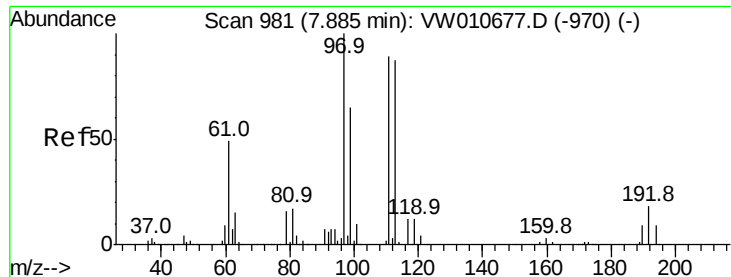
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.238 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

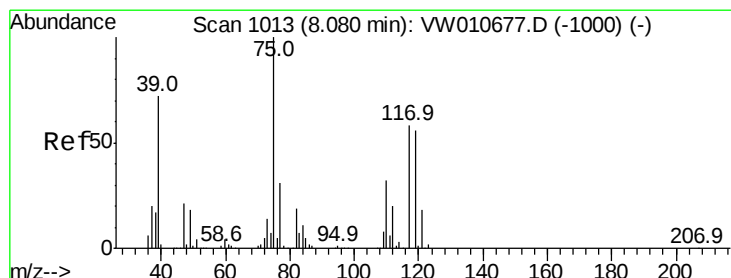
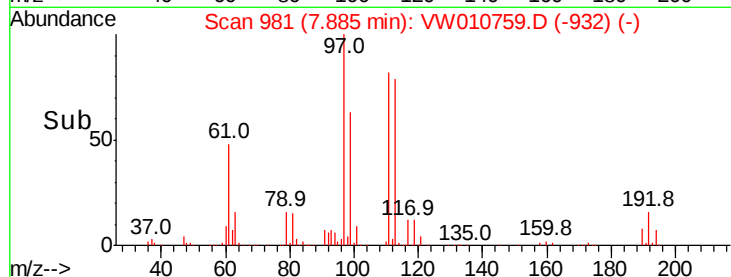
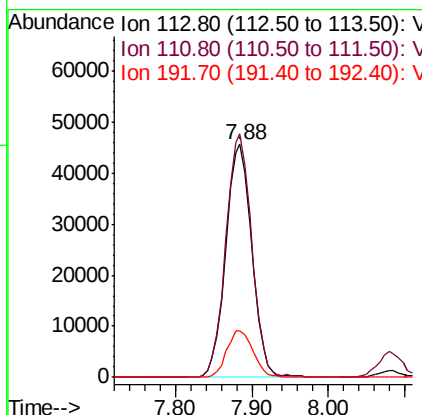
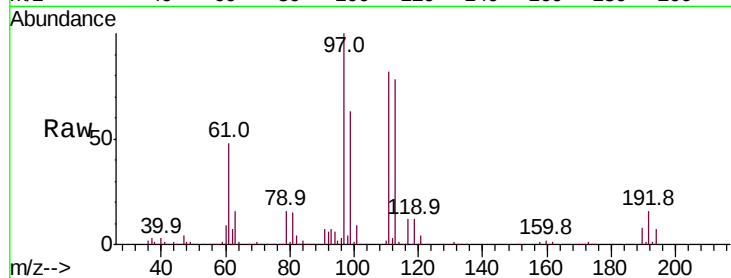
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	107497
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.6	123.8
192	20.3	16.4	24.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.214 ug/l

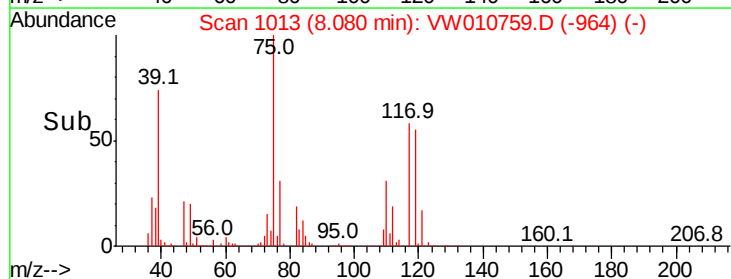
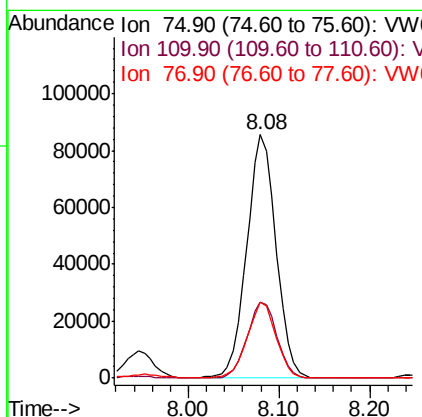
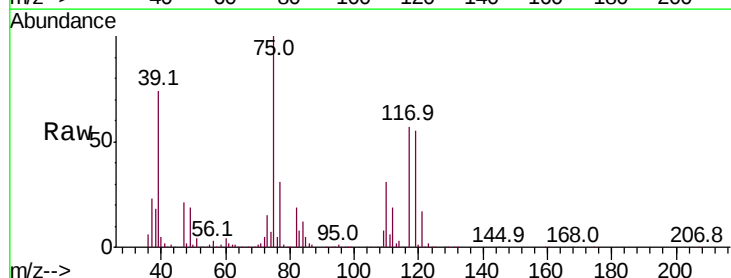
RT: 8.08 min Scan# 1013

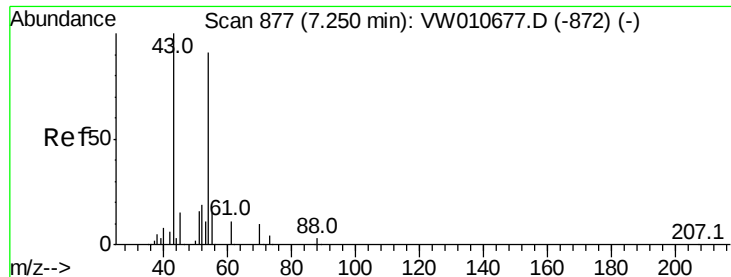
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	75	Resp:	190522
Ion Ratio	Lower	Upper	
75	100		
110	32.1	15.8	47.3
77	30.6	24.7	37.1





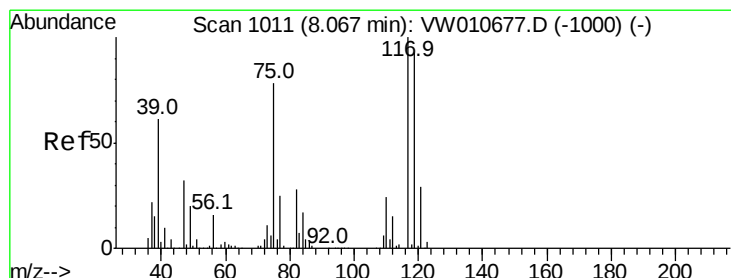
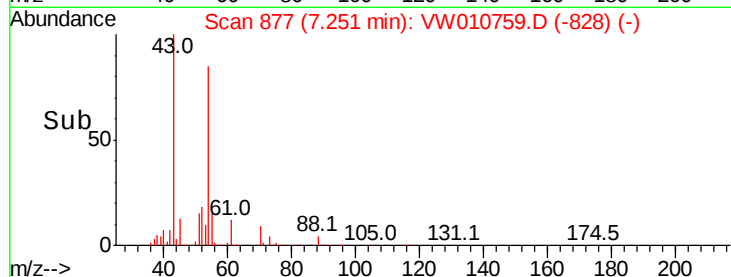
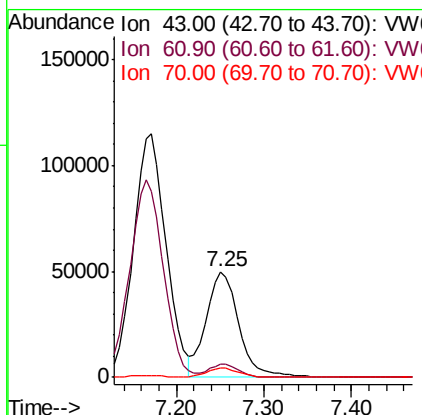
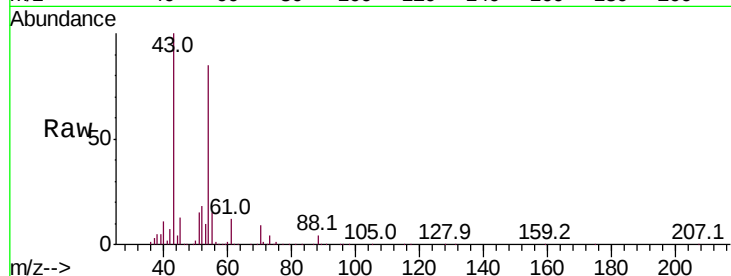
#37
Ethyl Acetate
Concen: 56.557 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	8.8	7.2	10.8

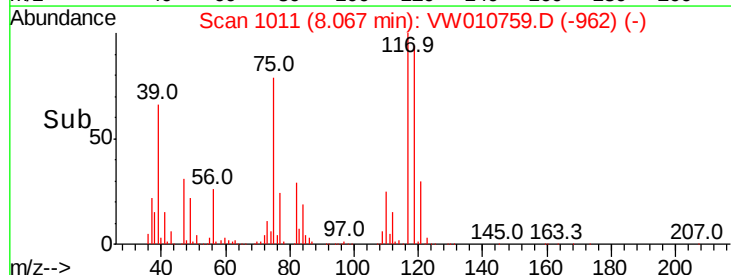
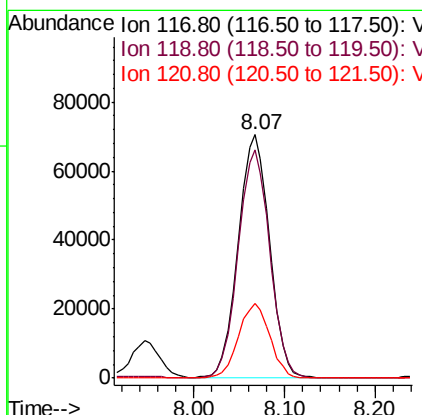
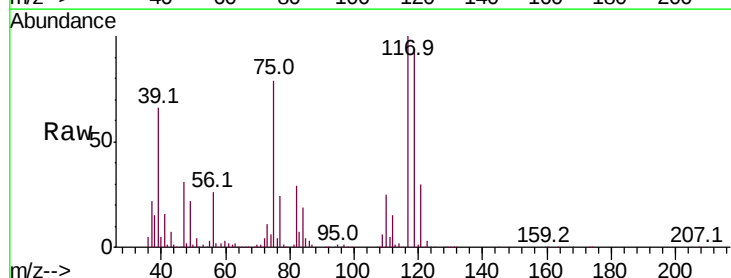
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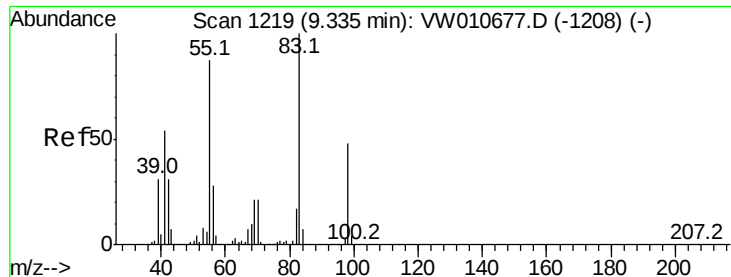
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#38
Carbon Tetrachloride
Concen: 48.451 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.2	111.4
121	30.5	22.9	34.3





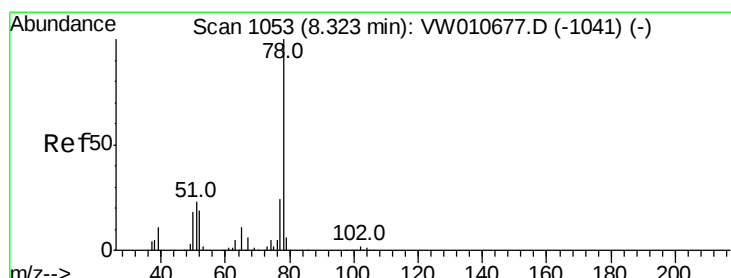
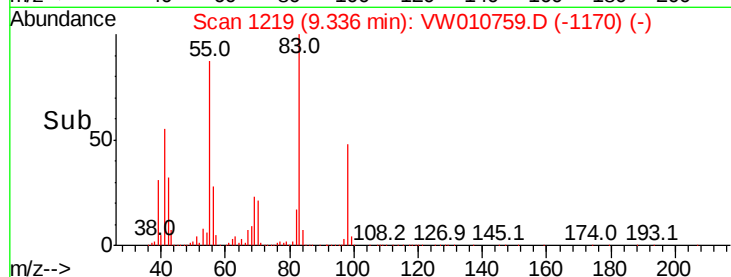
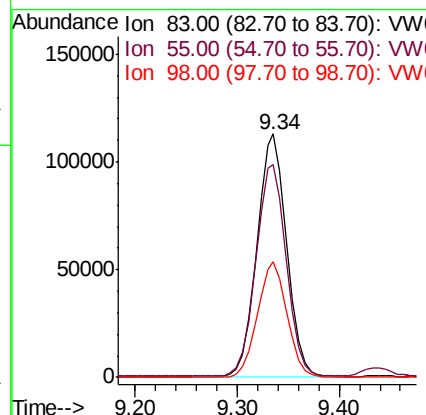
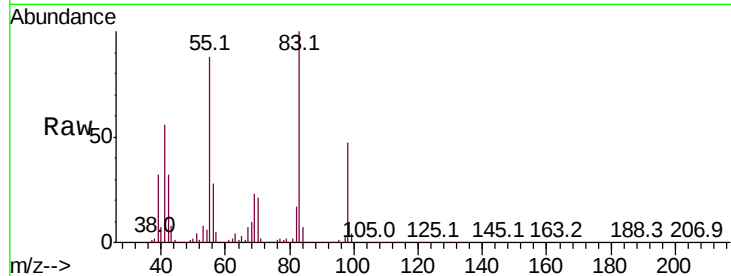
#39
Methvlcvclohexane
Concen: 44.351 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.3	70.0	105.0
98	47.6	38.1	57.1

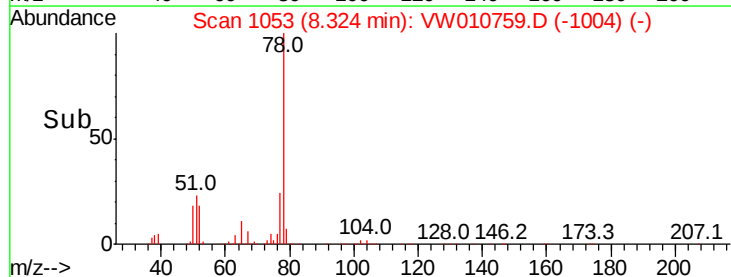
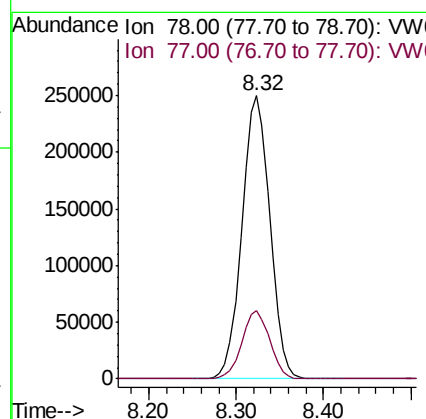
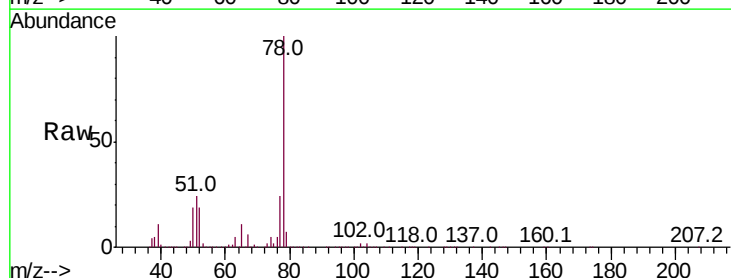
Manual Integrations
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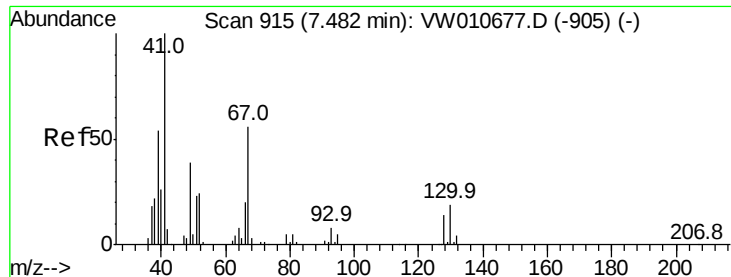
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#40
Benzene
Concen: 50.180 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





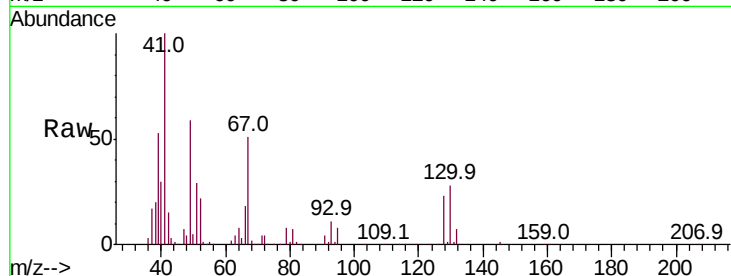
#41
Methacrylonitrile
Concen: 57.512 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	76442
Ion	Ratio	Lower	Upper
41	100		
39	54.2	47.3	70.9
67	57.5	47.2	70.8
52	26.2	21.3	31.9

Manual Integrations
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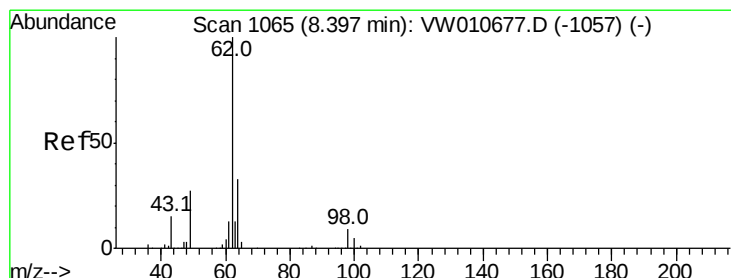
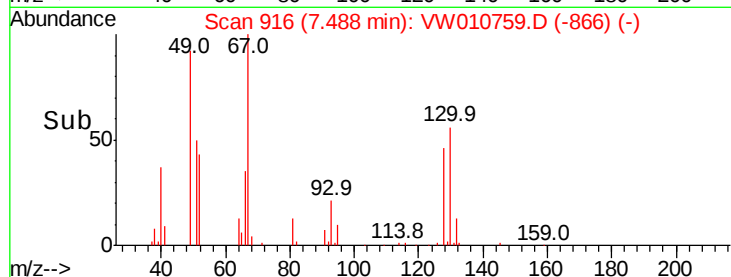
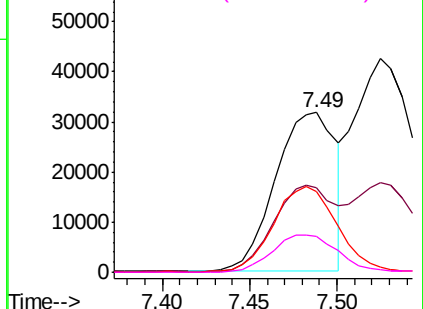
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

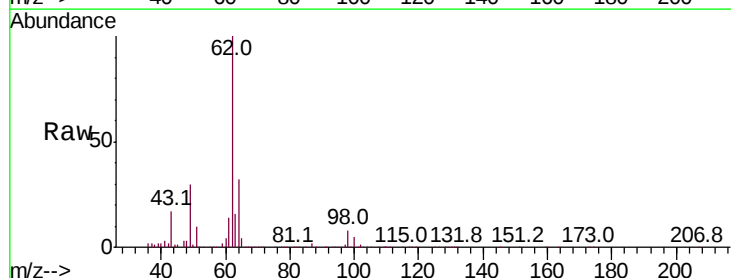
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 53.987 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

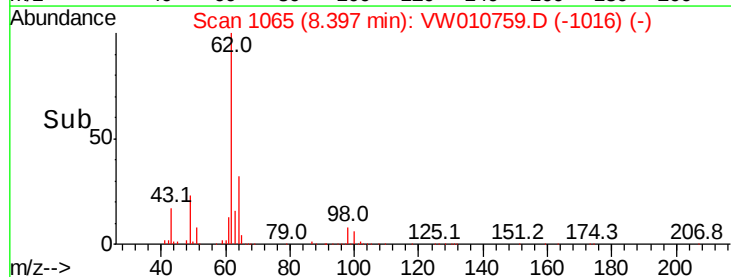
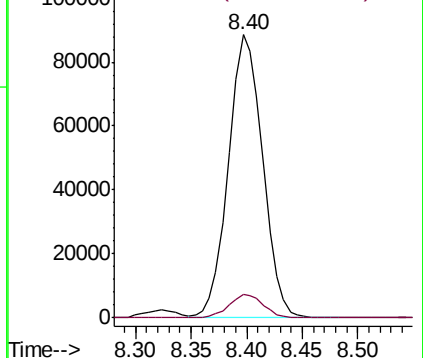
Tgt Ion:	62	Resp:	188624
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2

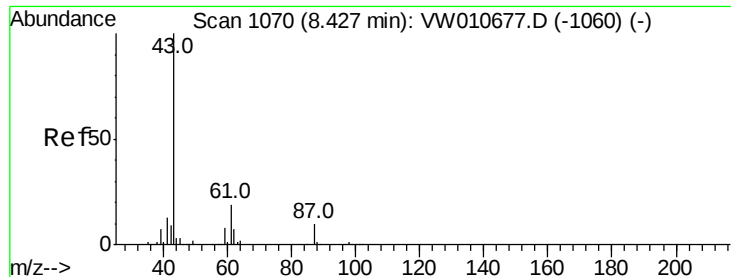


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.230 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

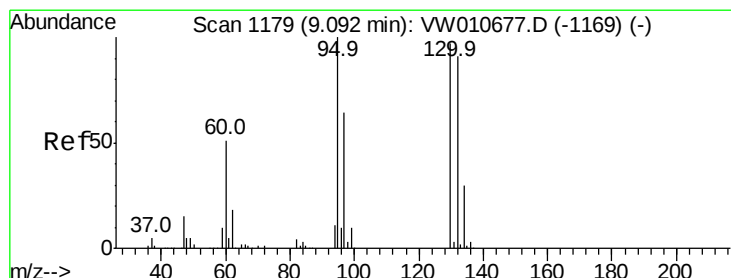
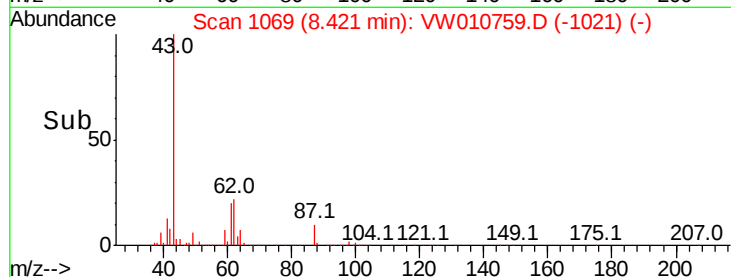
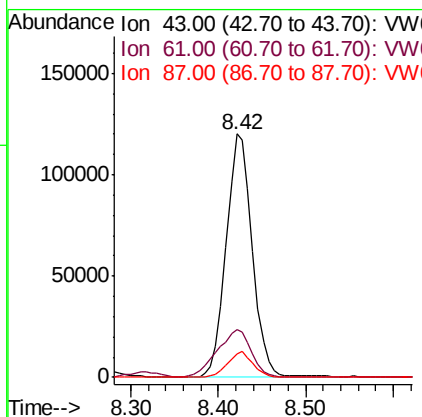
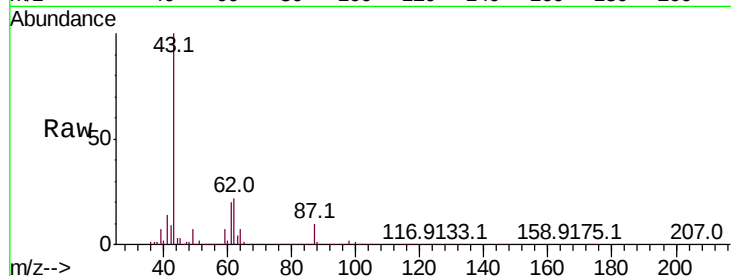
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	247237
Ion	Ratio	Lower	Upper
43	100		
61	25.9	21.2	31.8
87	10.3	8.3	12.5

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#44

Trichloroethene

Concen: 49.463 ug/l

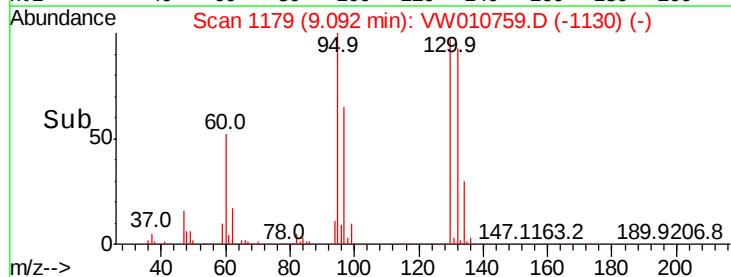
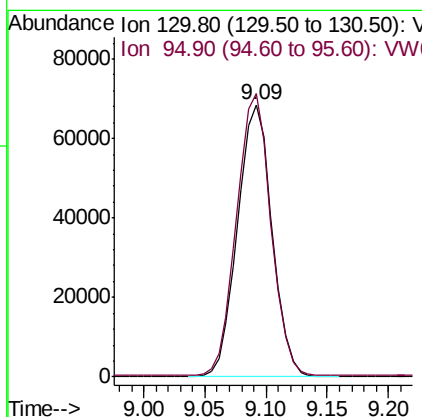
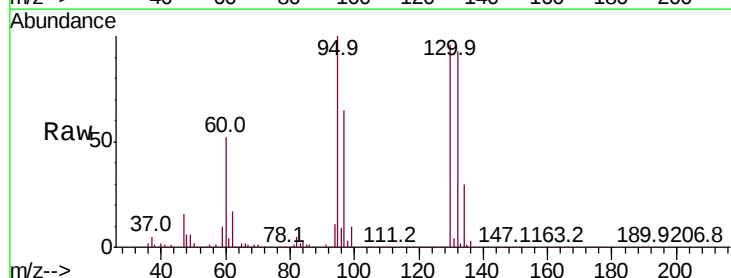
RT: 9.09 min Scan# 1179

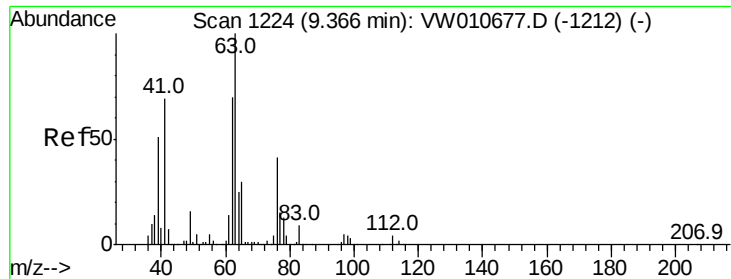
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	130	Resp:	134318
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	207.0





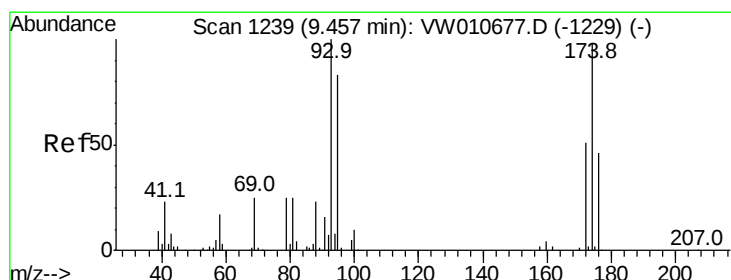
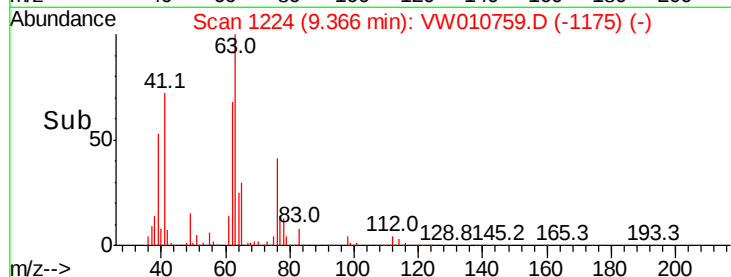
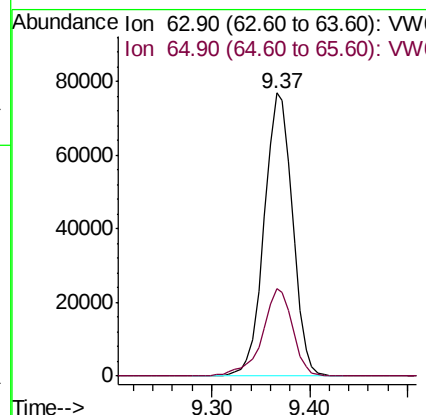
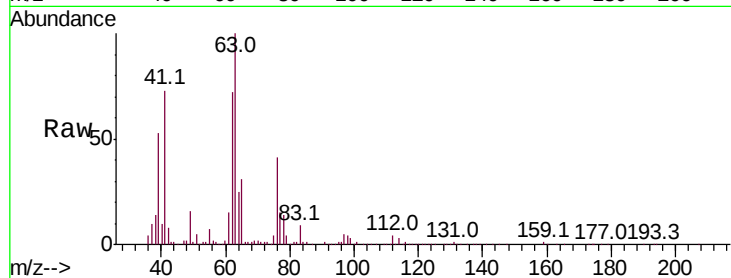
#45
 1,2-Dichloropropane
 Concen: 53.045 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.8	35.6

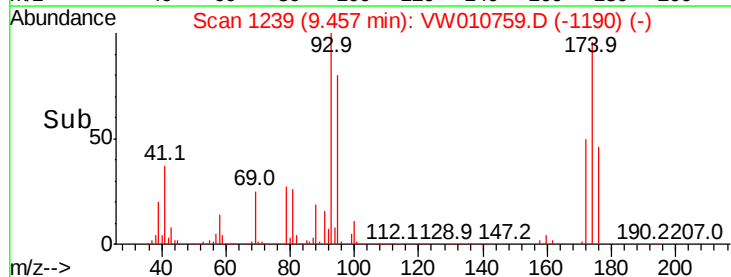
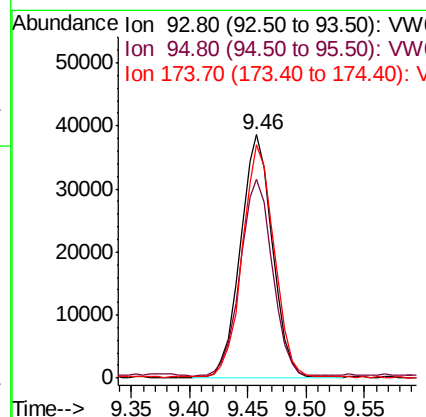
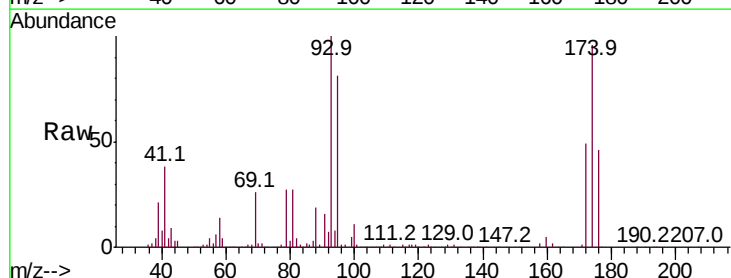
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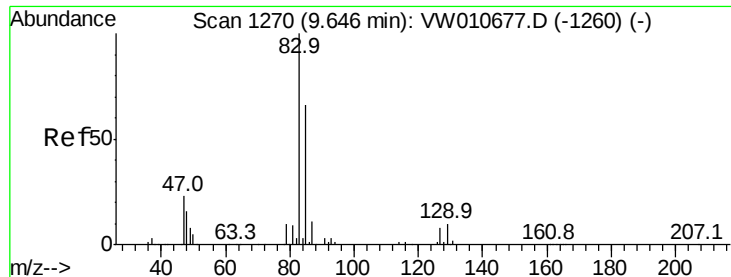
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#46
 Dibromomethane
 Concen: 54.454 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.8	98.8
174	94.6	77.4	116.0





#47

Bromodichloromethane

Concen: 53.931 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

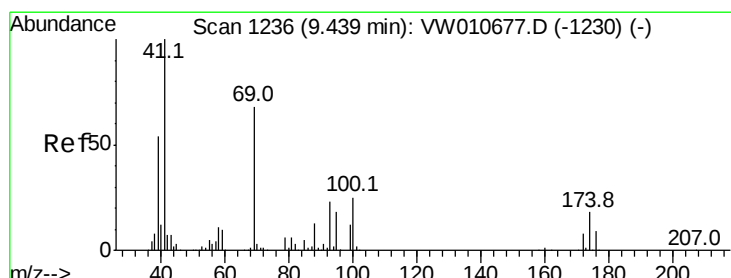
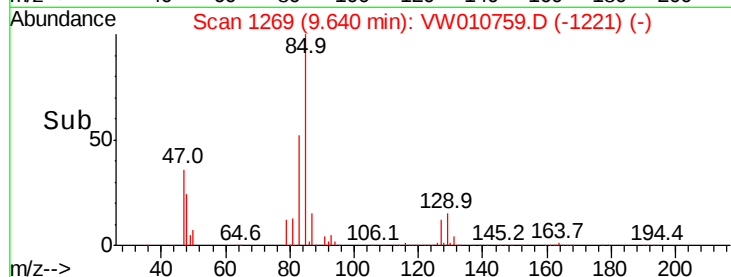
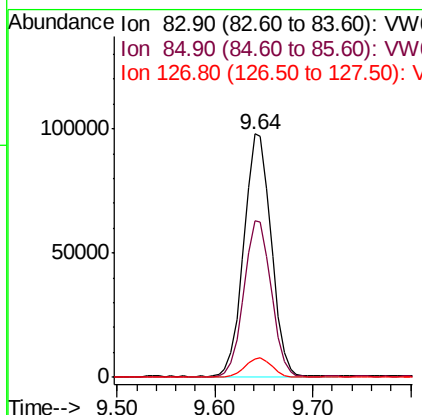
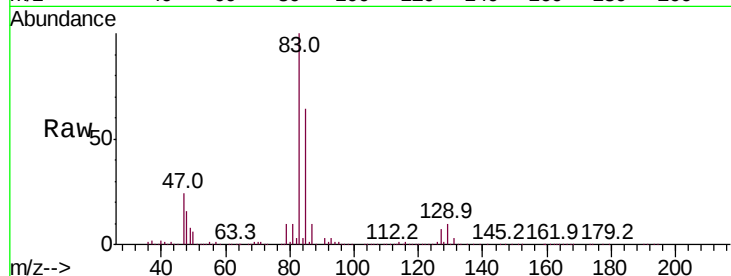
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	189220
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.0	79.4
127	7.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.690 ug/l

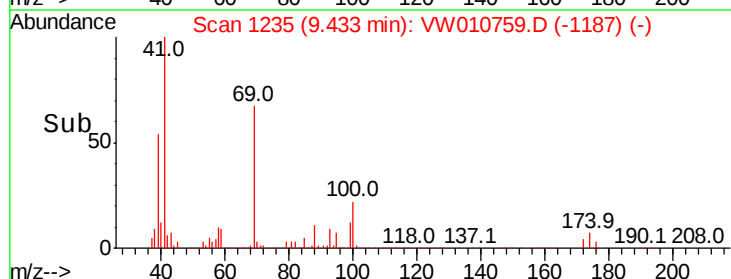
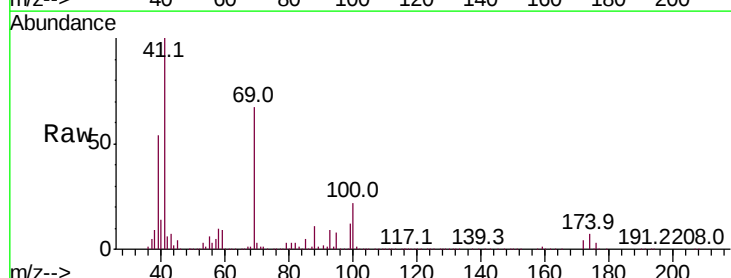
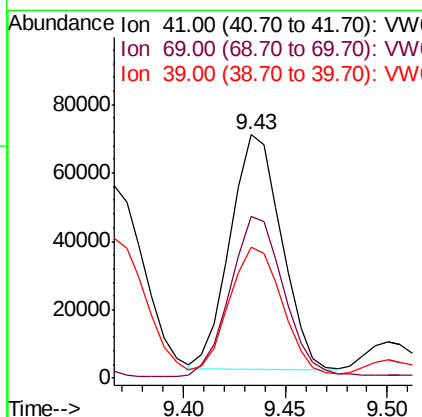
RT: 9.43 min Scan# 1235

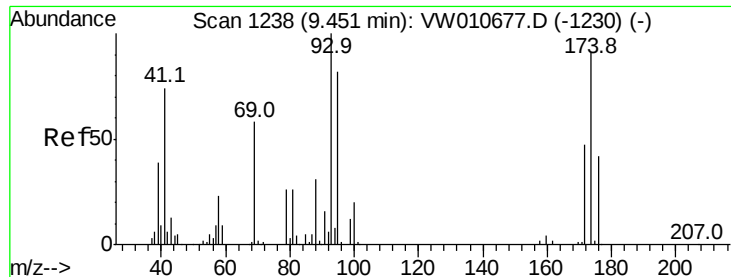
Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	41	Resp:	120163
Ion Ratio	Lower	Upper	
41	100		
69	71.6	56.6	85.0
39	58.7	44.4	66.6





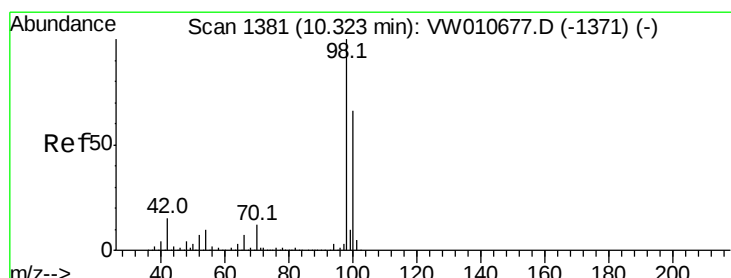
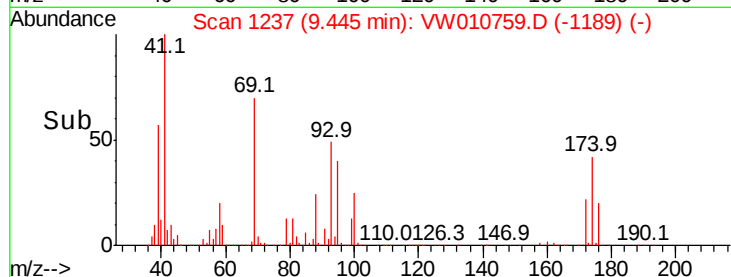
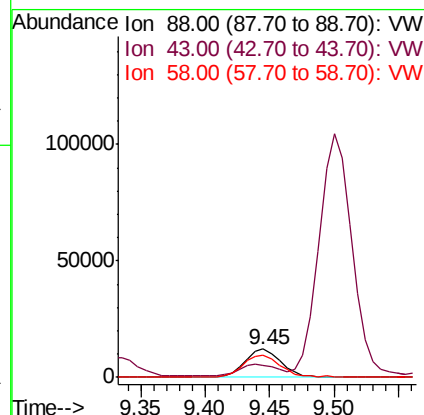
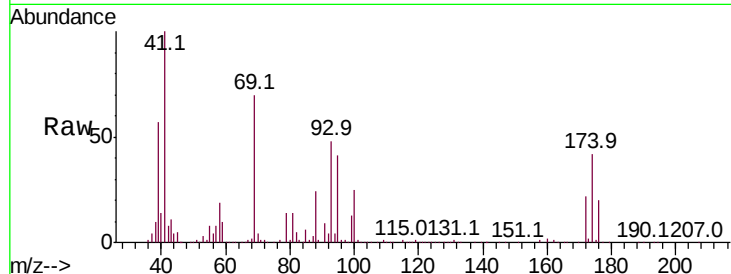
#49
1,4-Dioxane
Concen: 1115.784 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.4	34.2	51.4
58	81.6	69.0	103.4

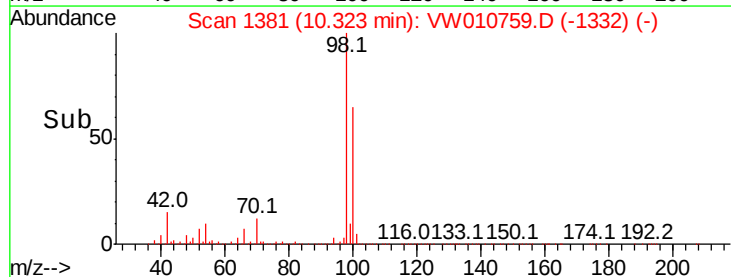
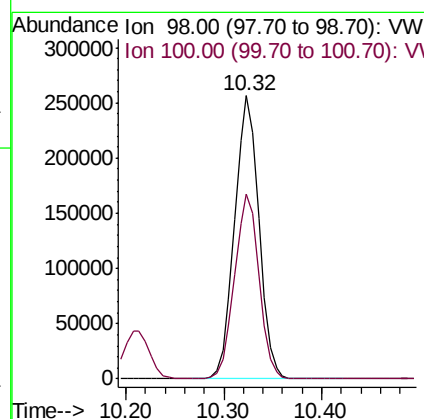
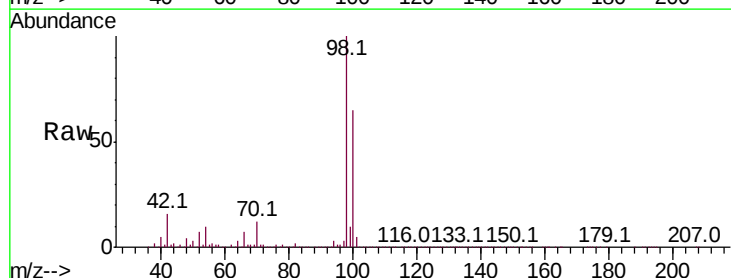
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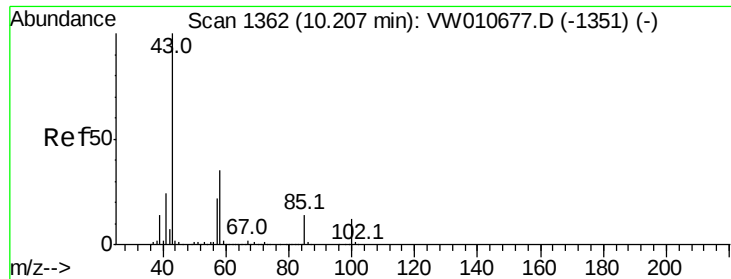
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#50
Toluene-d8
Concen: 47.040 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 287.462 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 634429

Ion Ratio Lower Upper

43 100

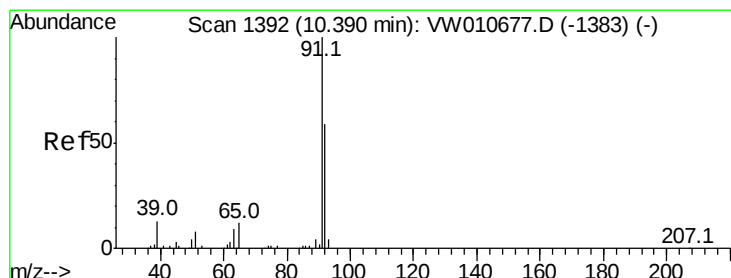
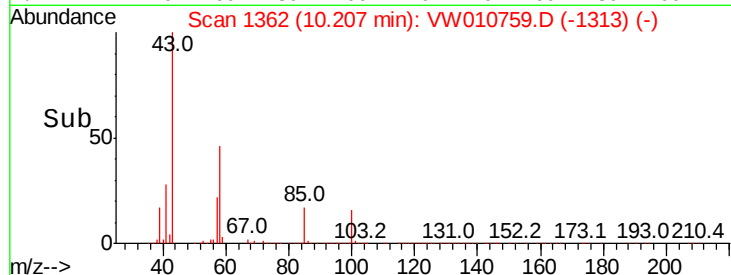
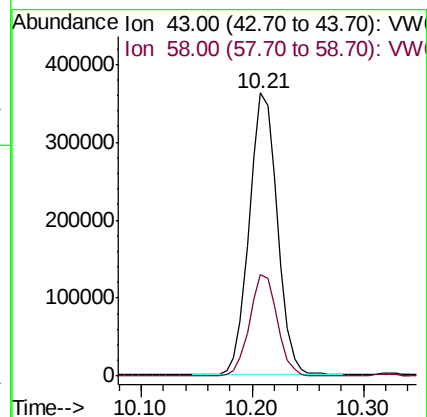
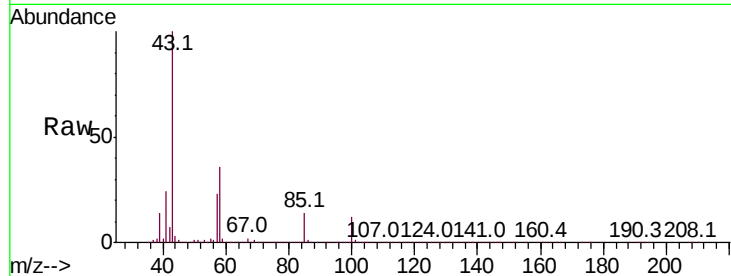
58 35.5 28.4 42.6

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#52

Toluene

Concen: 50.233 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010759.D

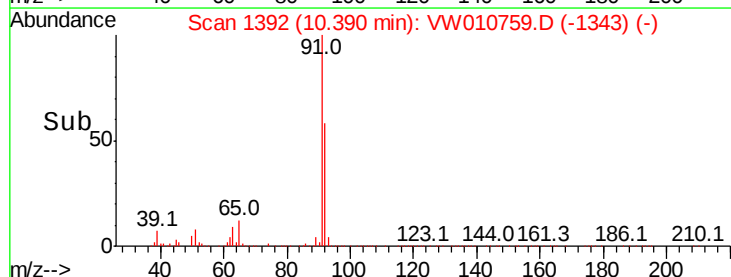
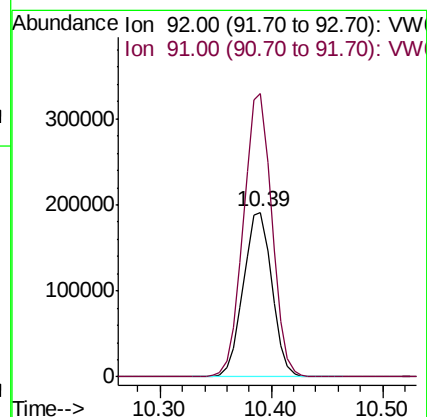
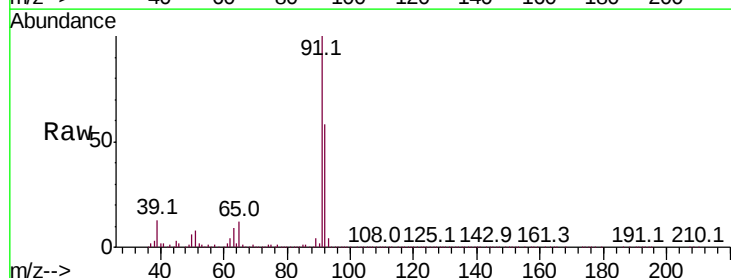
Acq: 10 Jun 2019 21:38

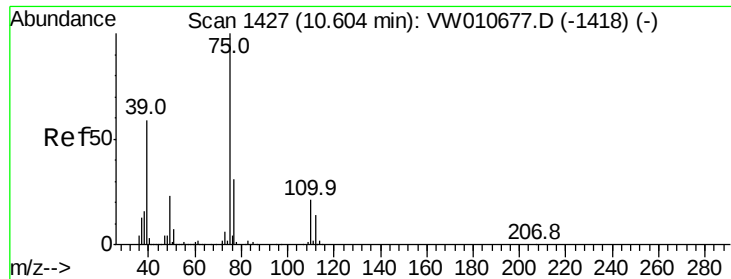
Tgt Ion: 92 Resp: 340242

Ion Ratio Lower Upper

92 100

91 171.3 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 54.009 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W

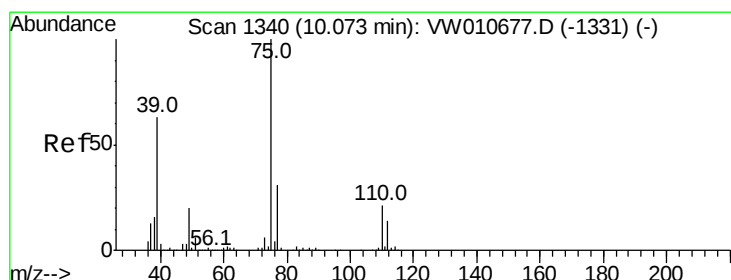
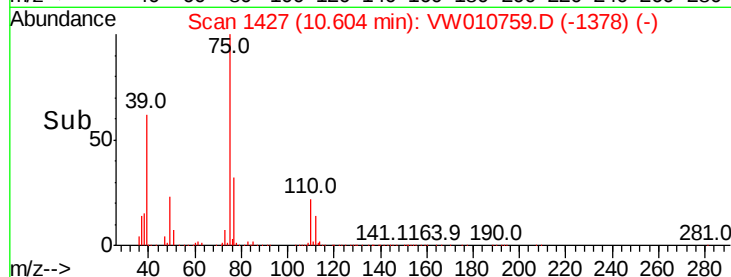
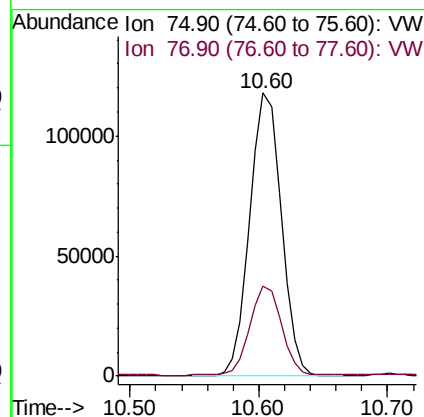
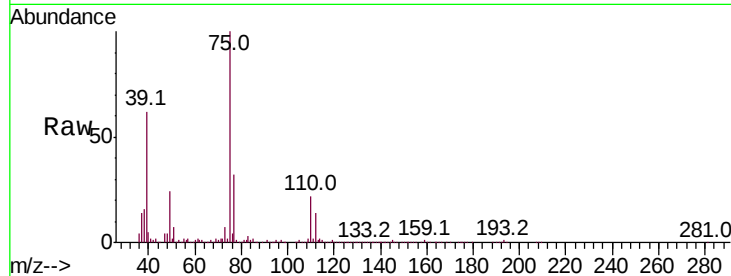
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 200710

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	36.8

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#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 10.07 min Scan# 1340

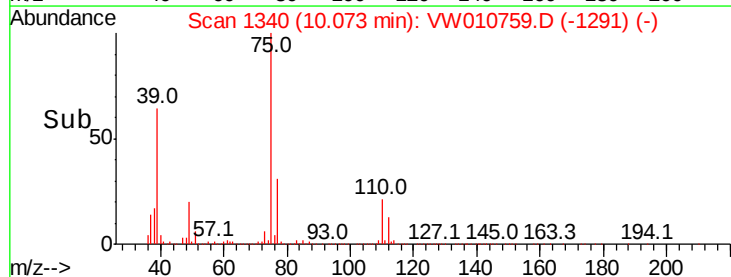
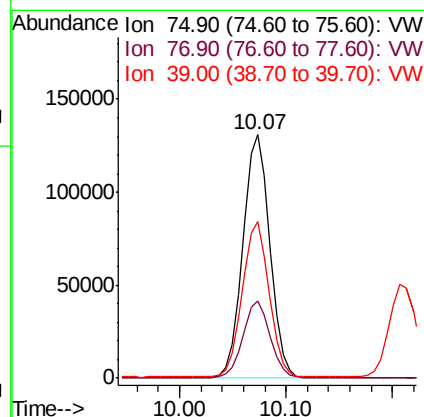
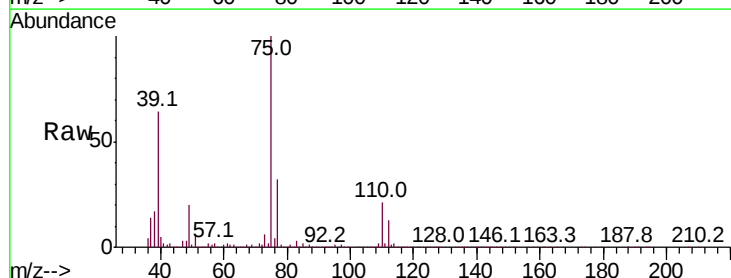
Delta R.T. 0.00 min

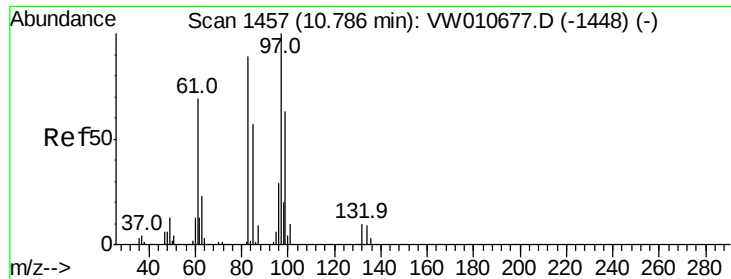
Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 75 Resp: 233628

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	63.8	50.1	75.1





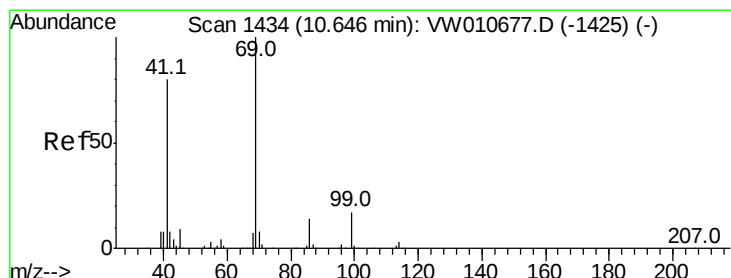
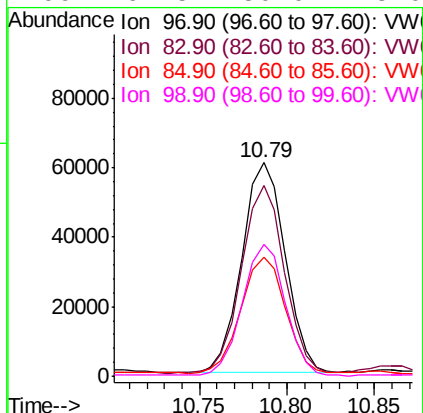
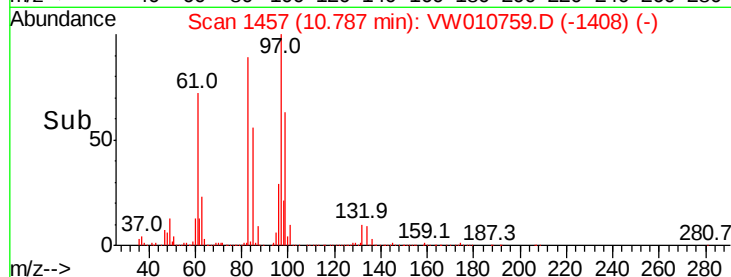
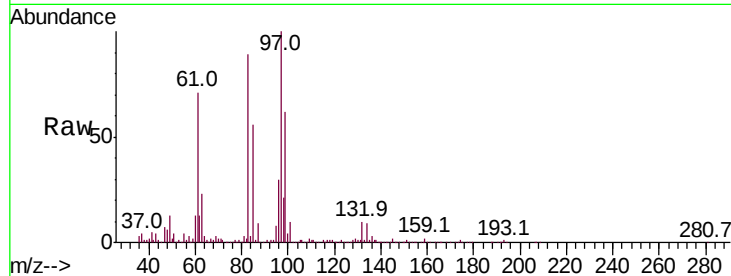
#55
 1,1,2-Trichloroethane
 Concen: 53.454 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	104230
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.1	106.7
85	55.4	45.2	67.8
99	62.5	50.0	75.0

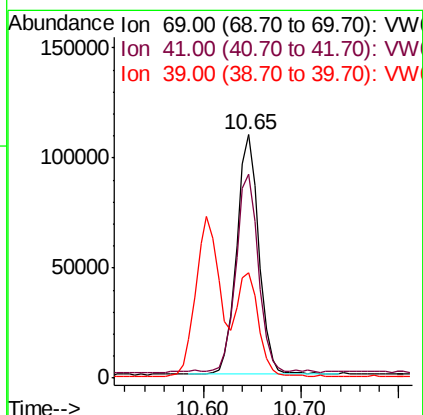
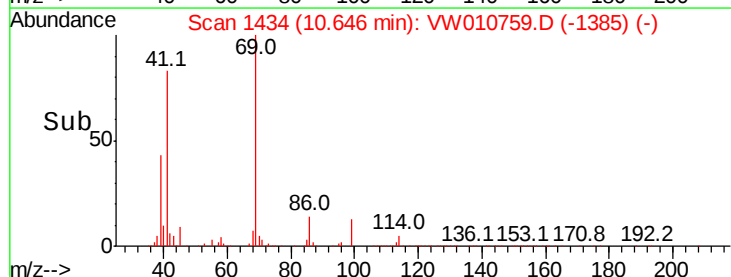
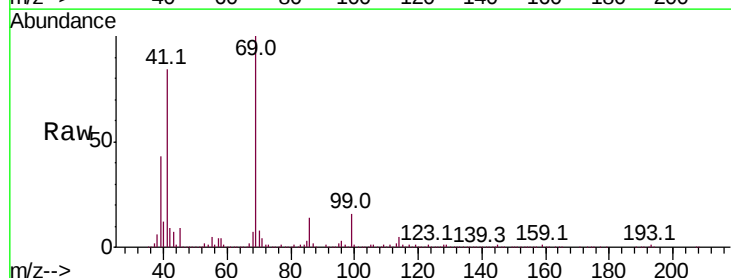
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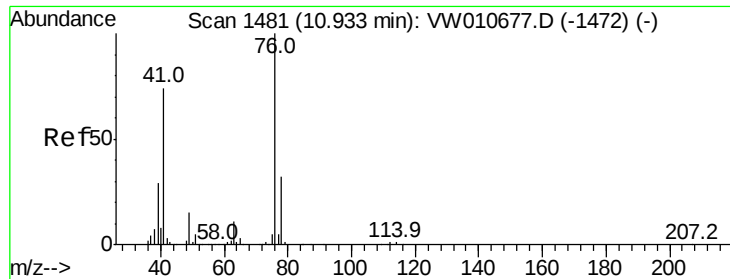
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#56
 Ethyl methacrylate
 Concen: 57.108 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	69	Resp	171344
Ion	Ratio	Lower	Upper
69	100		
41	83.6	64.8	97.2
39	41.4	32.2	48.2





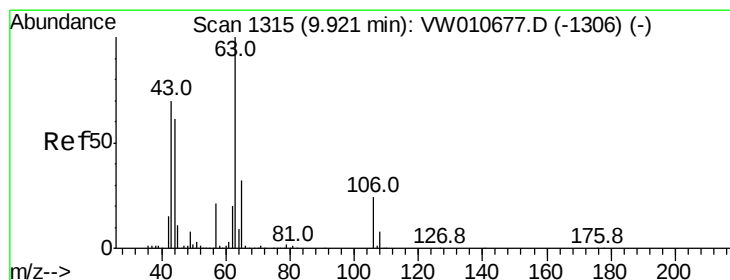
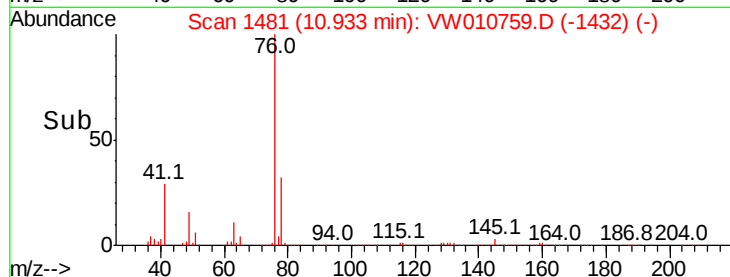
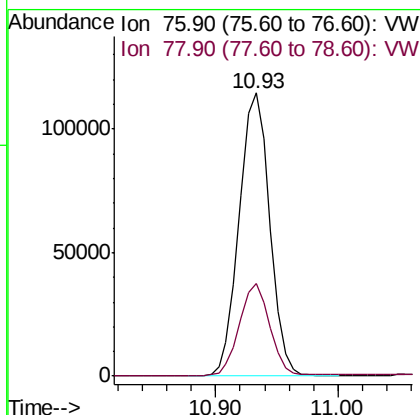
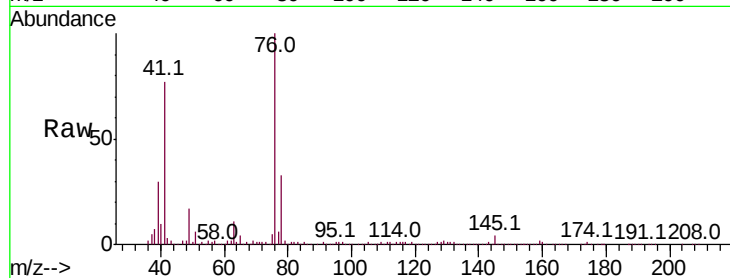
#57
 1,3-Dichloropropane
 Concen: 54.156 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

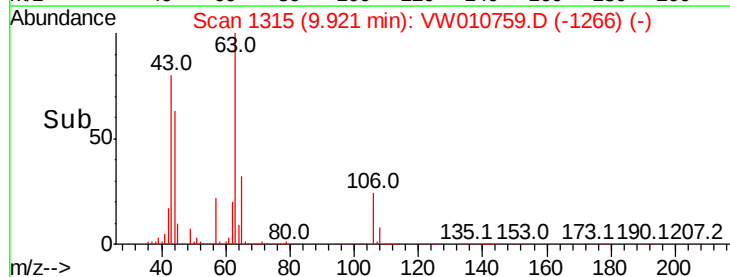
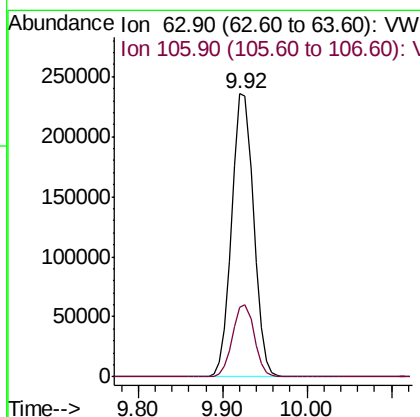
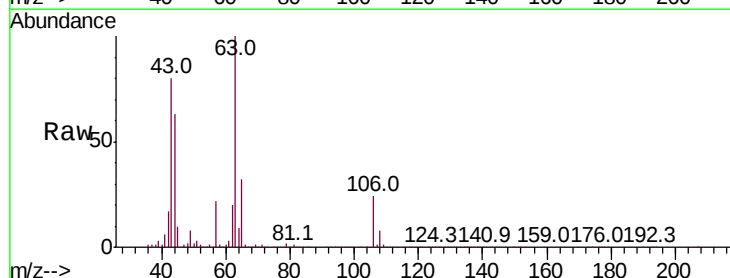
Manual Integrations
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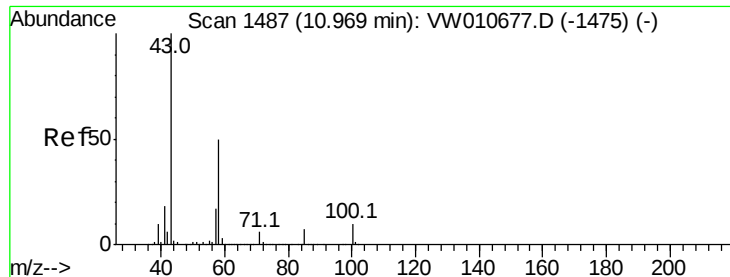
MMDadoda
 6/11/2019 1:02:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.782 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	20.1	30.1





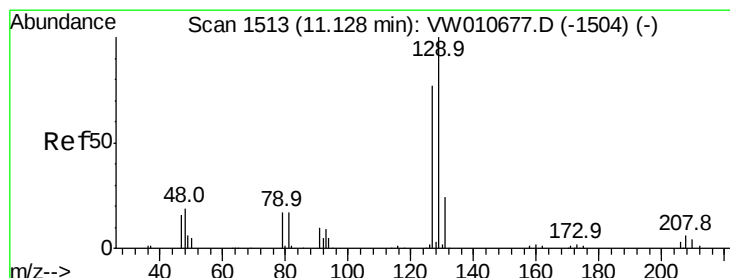
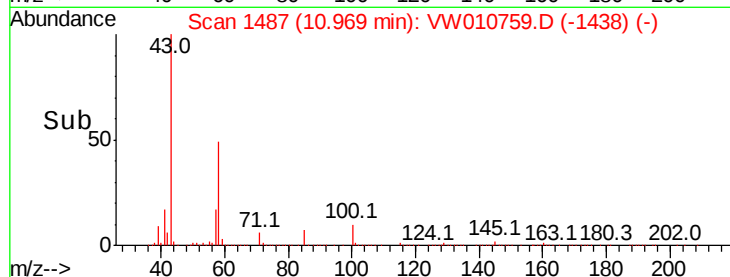
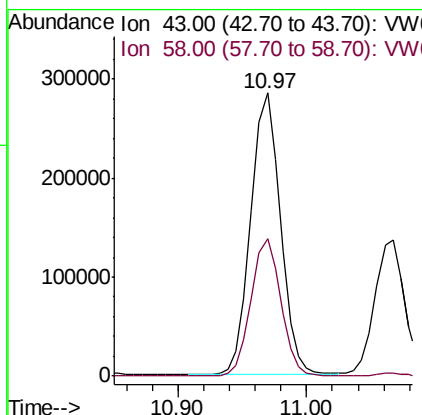
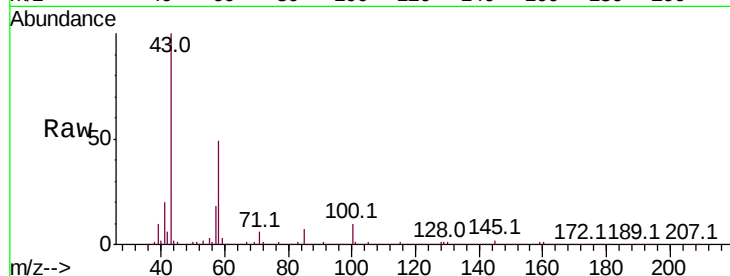
#59
2-Hexanone
Concen: 284.344 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 453542
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

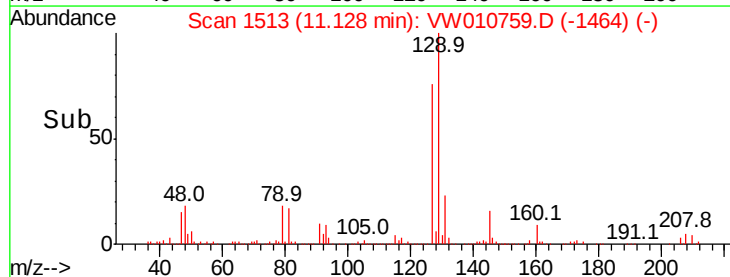
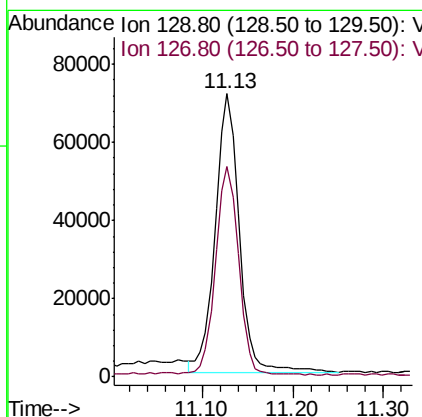
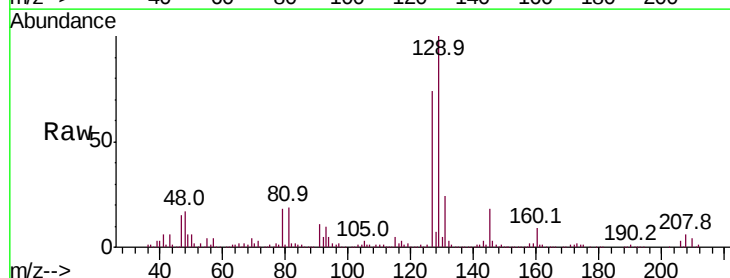
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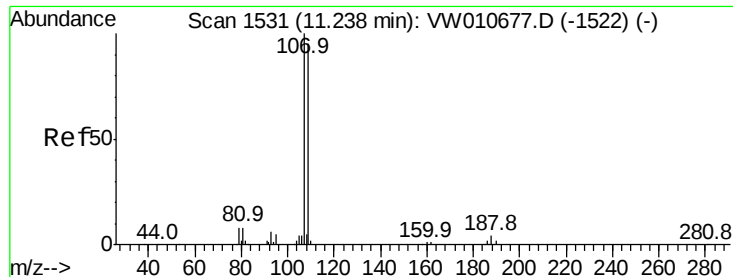
MMDadoda
6/11/2019 1:02:29 PM



#60
Dibromochloromethane
Concen: 61.589 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 129 Resp: 133127
Ion Ratio Lower Upper
129 100
127 70.2 38.6 116.0





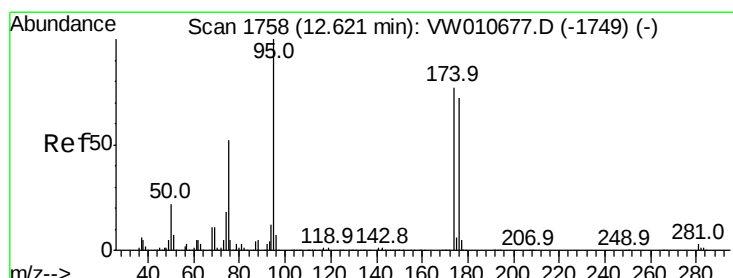
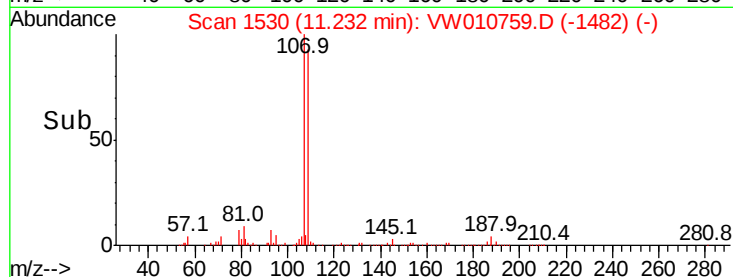
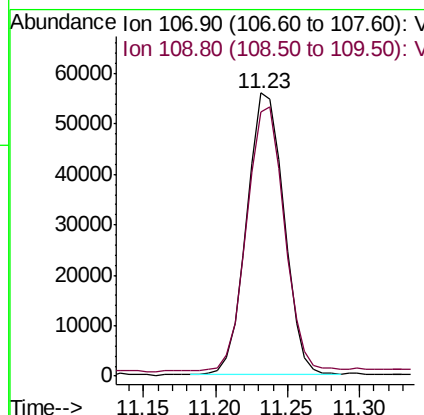
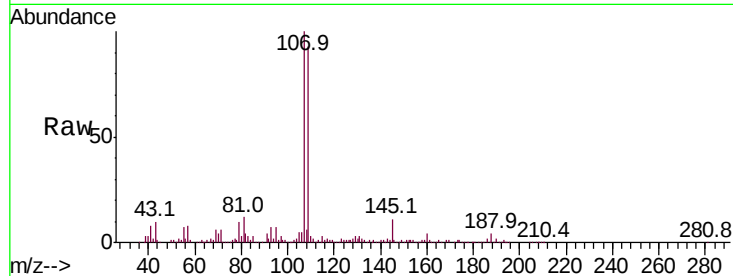
#61
 1,2-Dibromoethane
 Concen: 53.969 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8

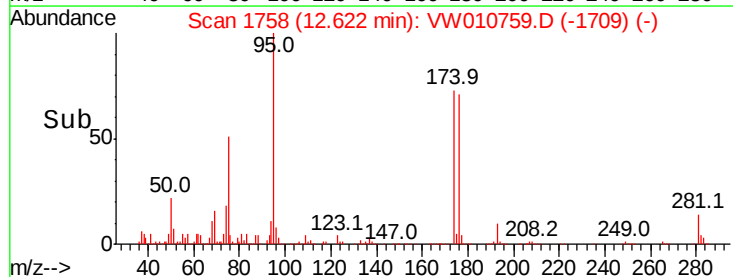
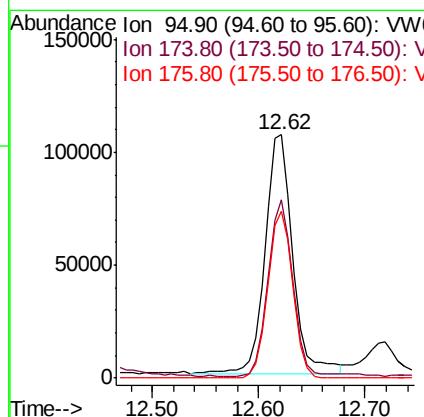
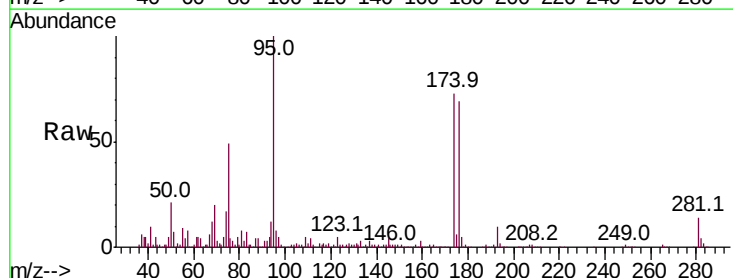
Manual Integrations
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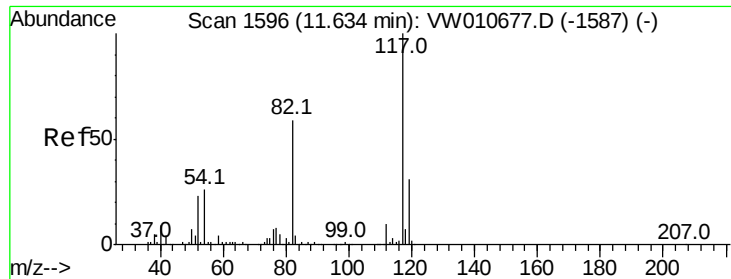
MMDadoda
 6/11/2019 1:02:29 PM



#62
 4-Bromofluorobenzene
 Concen: 56.316 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	150.4
176	63.1	0.0	144.8





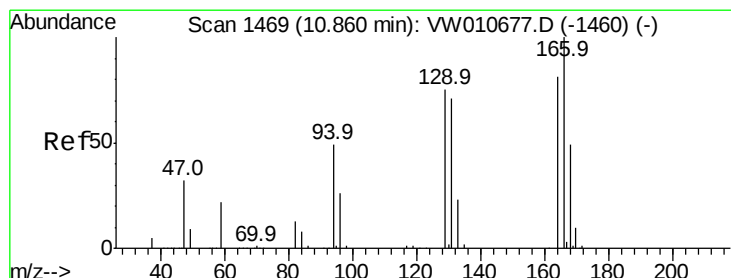
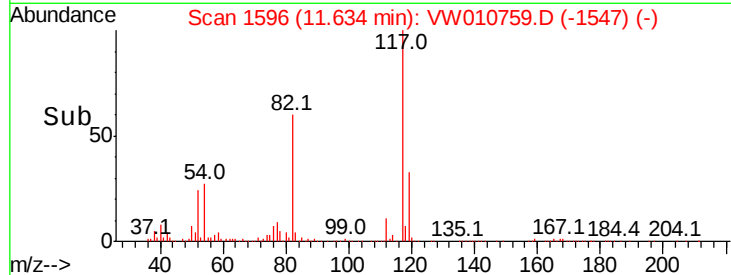
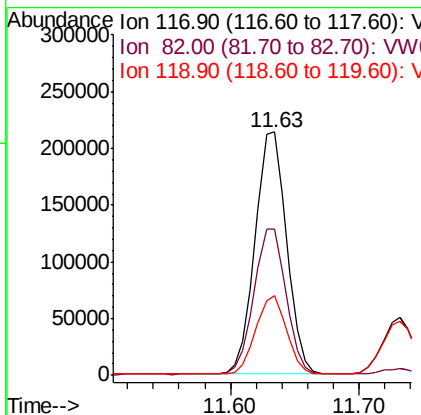
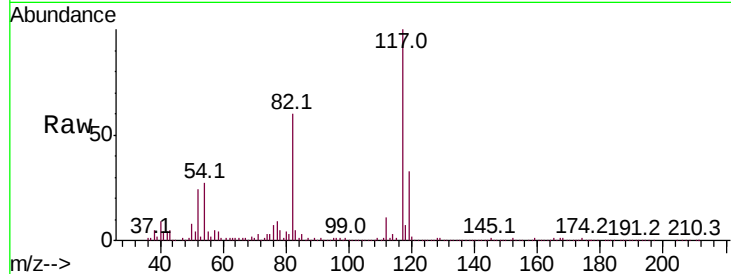
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.8	47.0	70.4	
119	32.4	25.1	37.7	

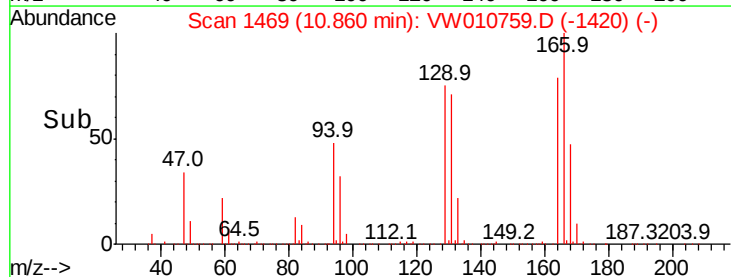
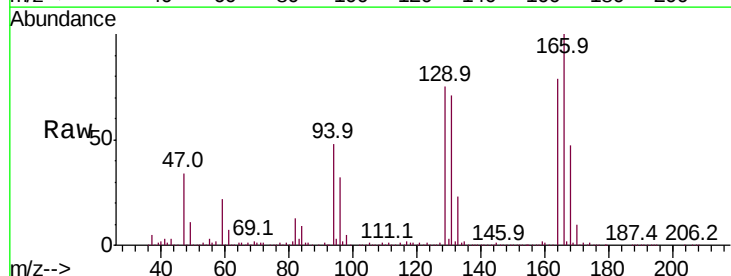
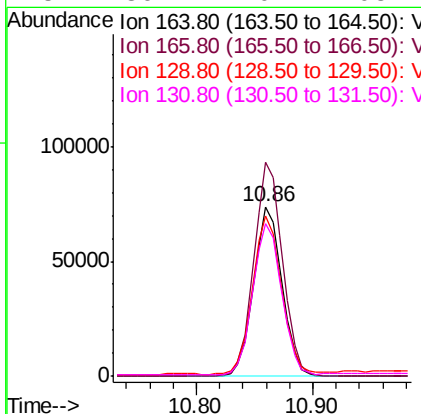
Manual Integrations
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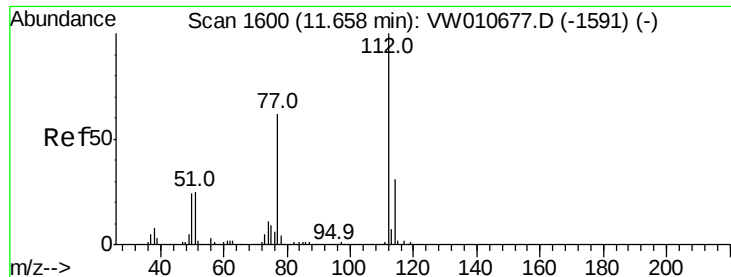
MMDadoda
6/11/2019 1:02:29 PM



#64
Tetrachloroethene
Concen: 51.766 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.3	99.2	148.8	
129	93.5	74.6	112.0	
131	89.4	70.2	105.4	





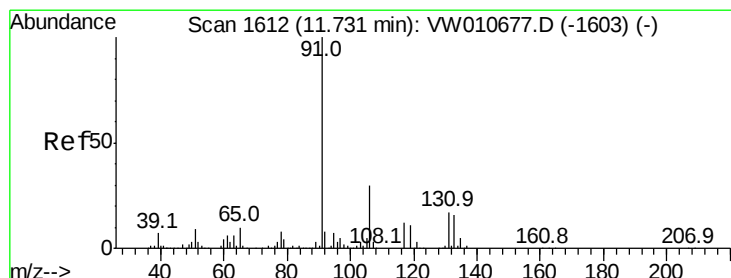
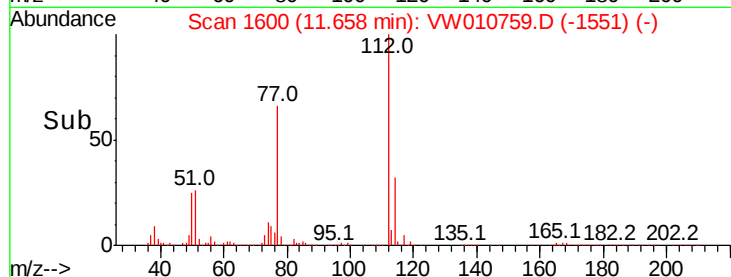
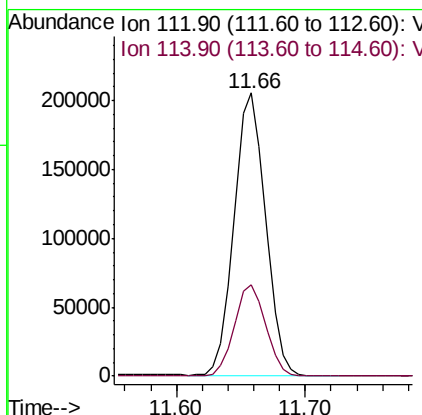
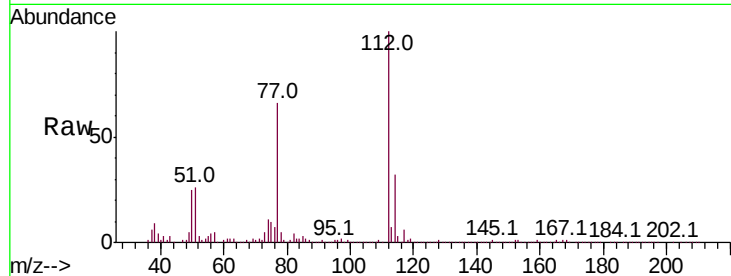
#65
Chlorobenzene
Concen: 49.123 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 348327
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

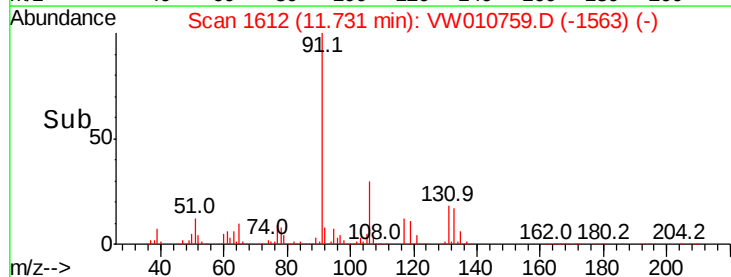
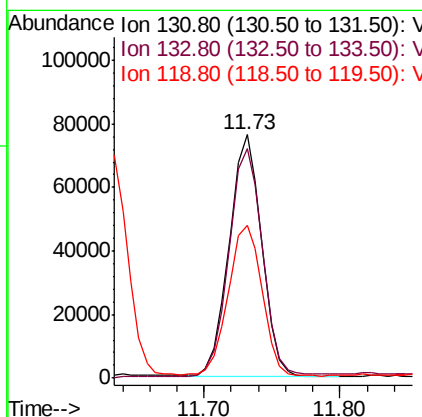
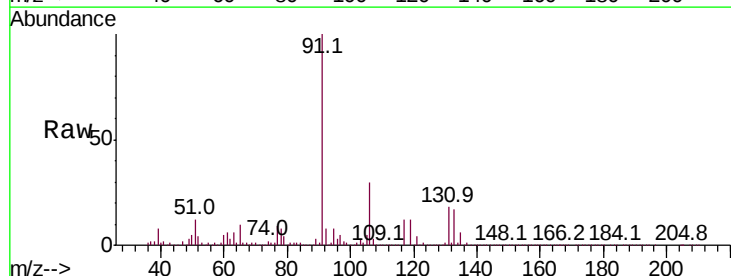
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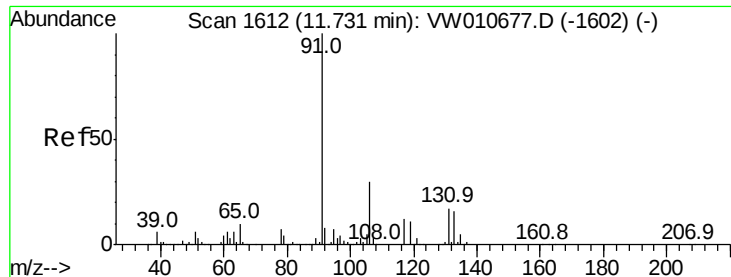
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.488 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:131 Resp: 126386
Ion Ratio Lower Upper
131 100
133 98.9 47.3 141.9
119 64.8 32.4 97.0





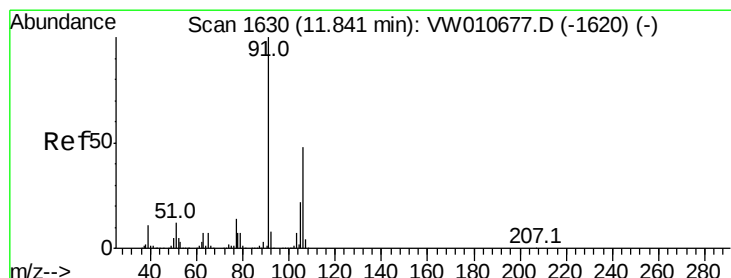
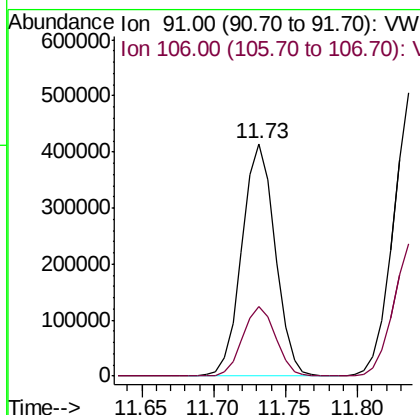
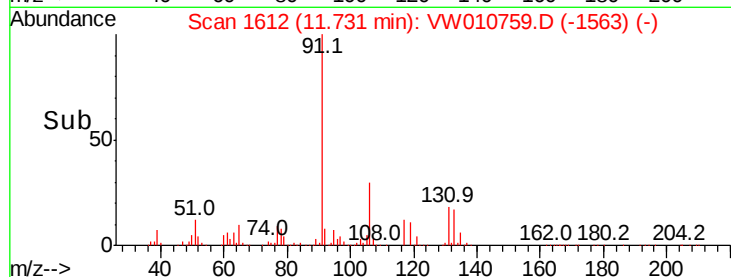
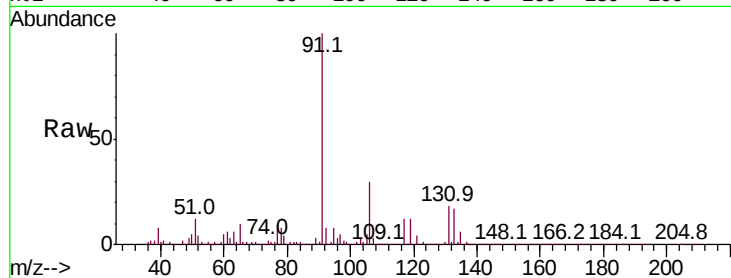
#67
Ethyl Benzene
Concen: 48.266 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 657757
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

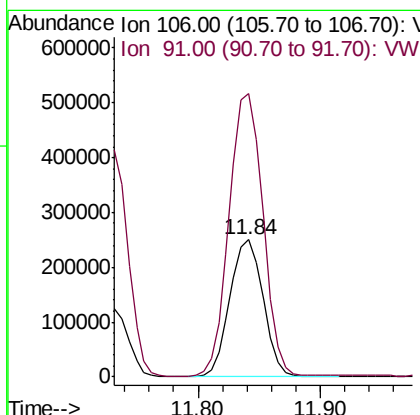
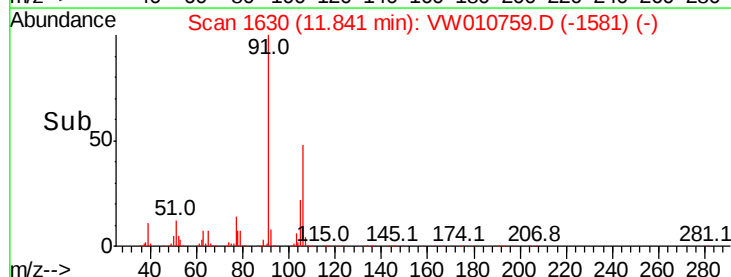
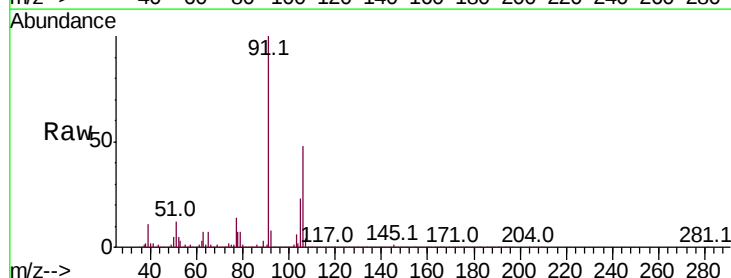
Manual Integrations
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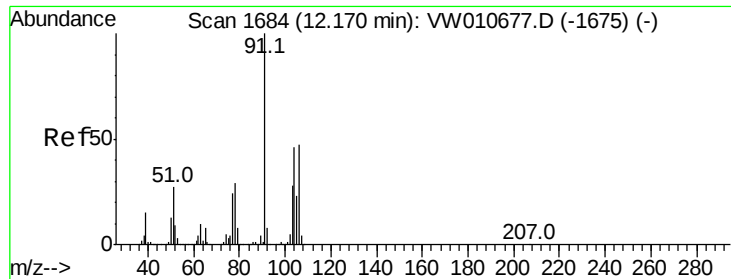
MMDadoda
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#68
m/p-Xylenes
Concen: 96.595 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 106 Resp: 471228
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7





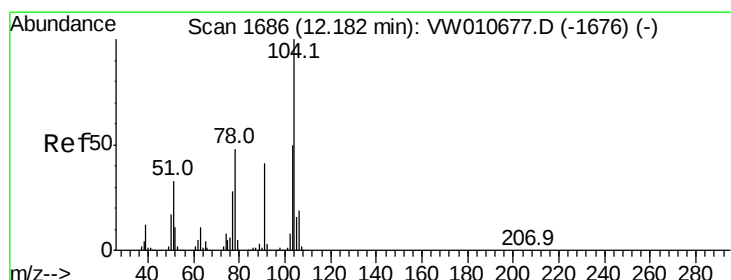
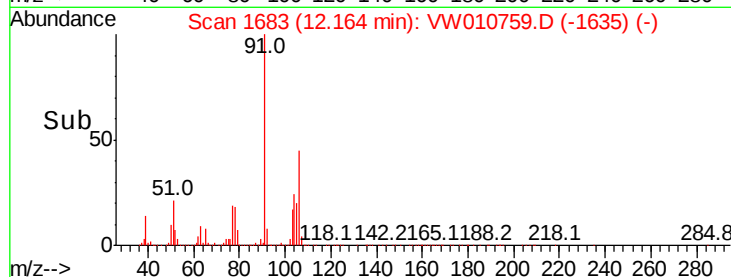
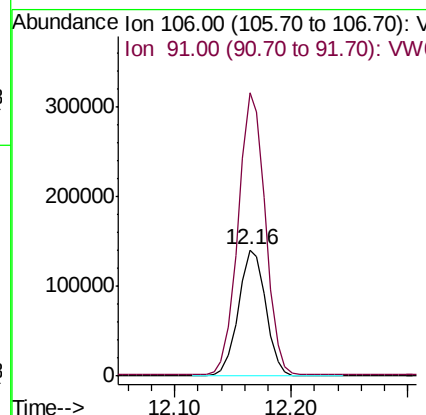
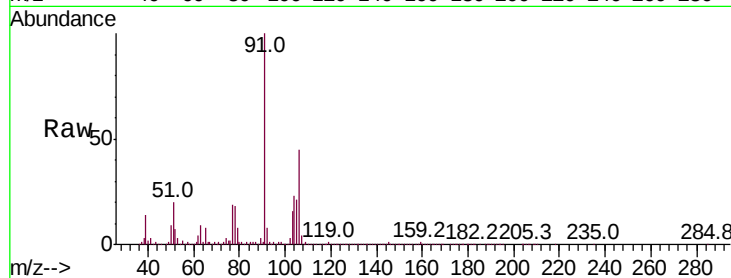
#69
o-Xylene
Concen: 49.727 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 230074
Ion Ratio Lower Upper
106 100
91 220.9 108.9 326.6

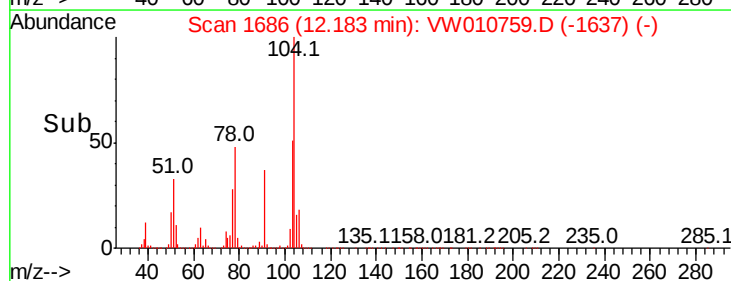
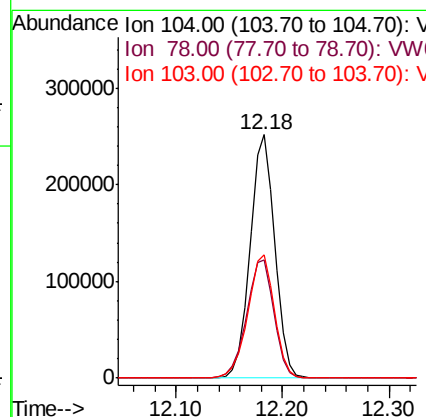
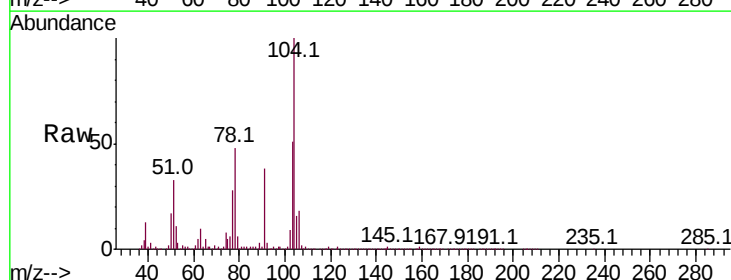
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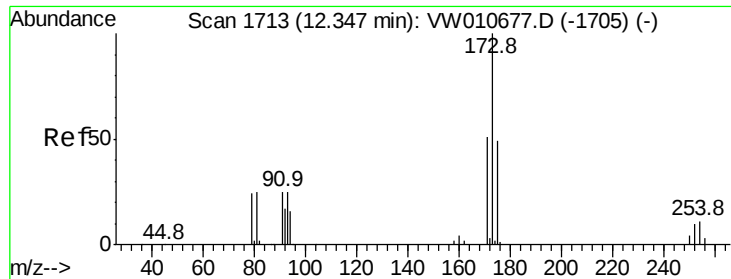
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#70
Styrene
Concen: 50.695 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:104 Resp: 407454
Ion Ratio Lower Upper
104 100
78 53.8 42.7 64.1
103 54.3 43.6 65.4





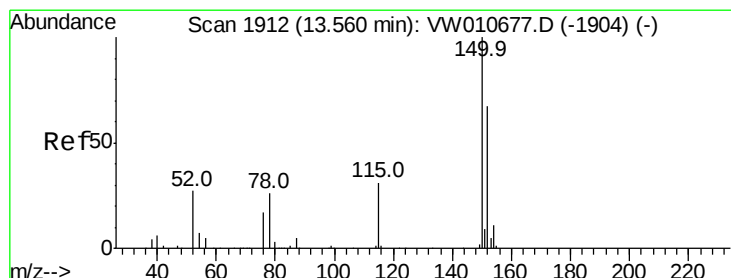
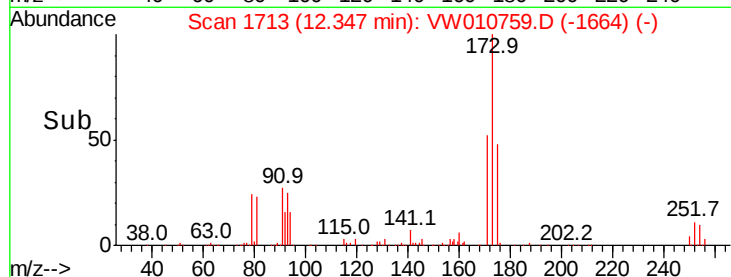
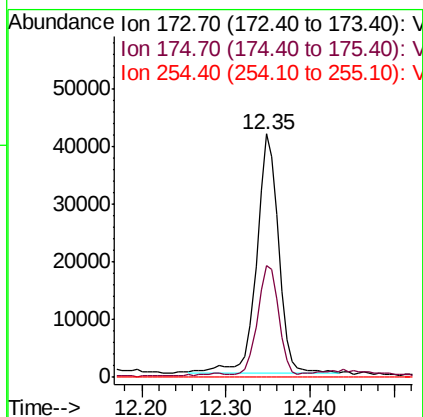
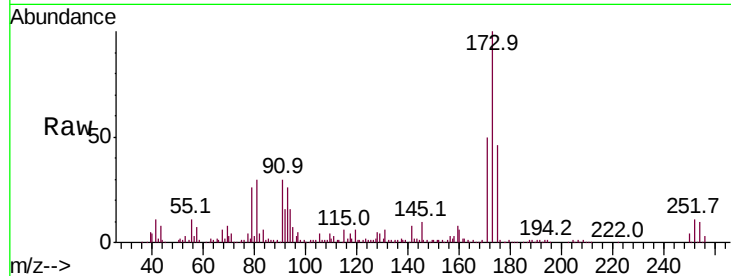
#71
Bromoform
Concen: 57.896 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	43.5	24.3	72.8
254	0.1	0.1	0.1#

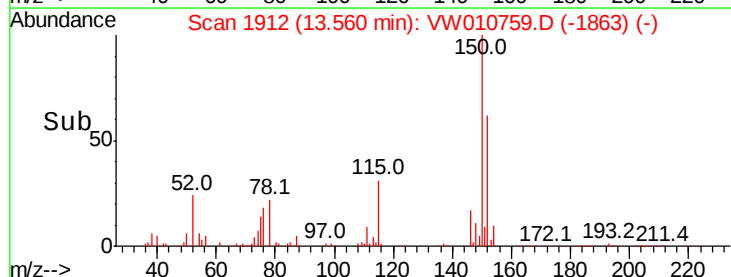
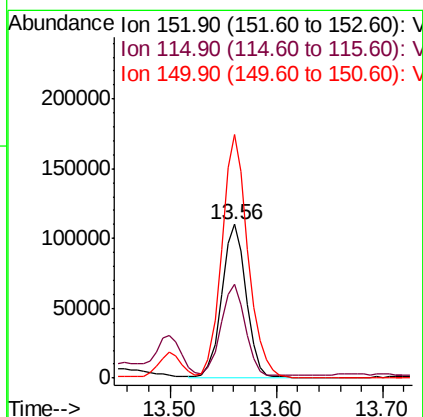
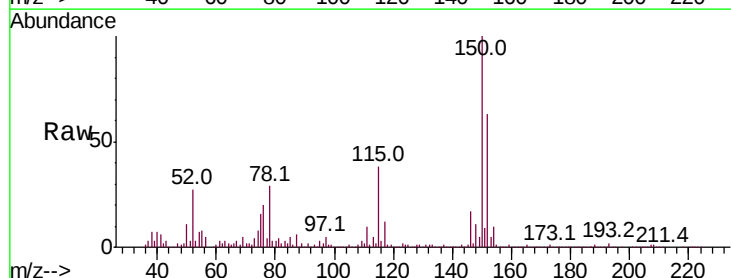
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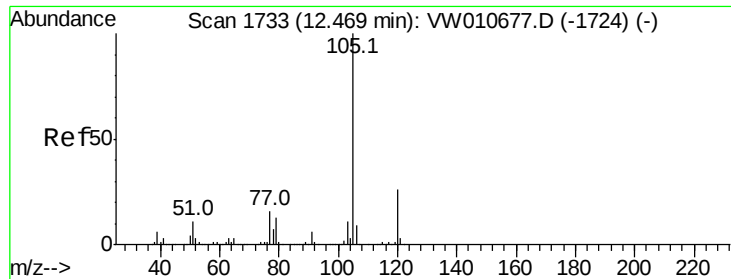
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.8	89.3
150	168.5	0.0	345.0





#73

Isopropylbenzene

Concen: 47.904 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 631706

Ion Ratio Lower Upper

105 100

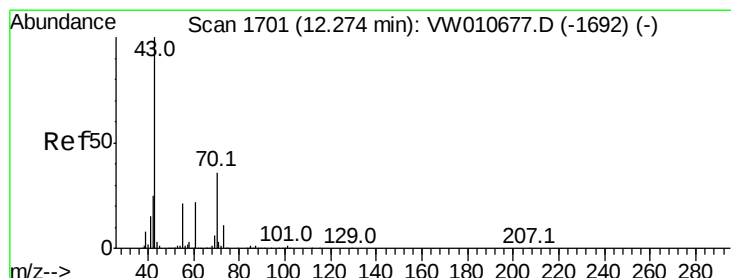
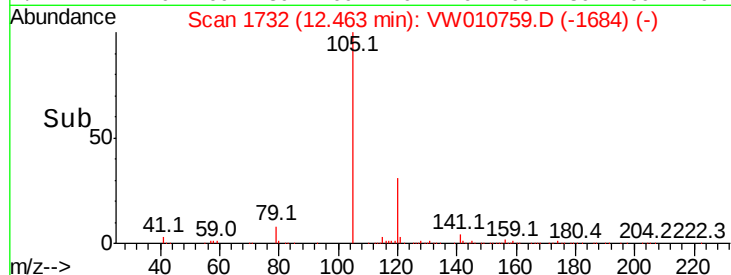
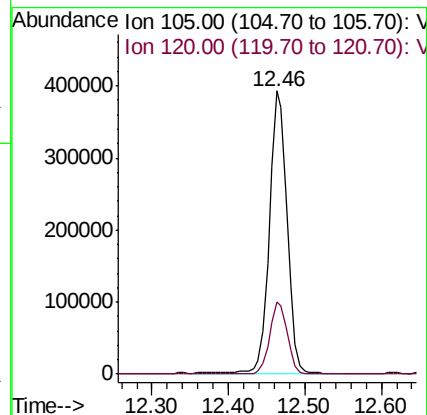
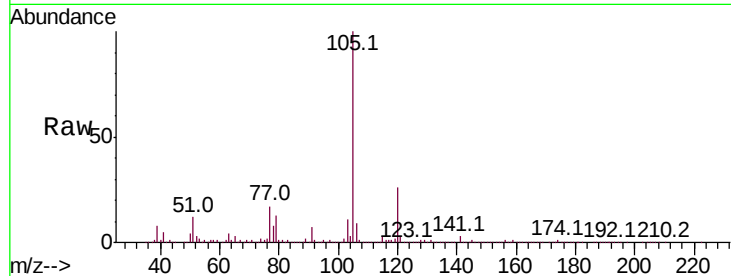
120 25.3 13.1 39.1

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#74

N-ethyl acetate

Concen: 56.464 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 43 Resp: 240640

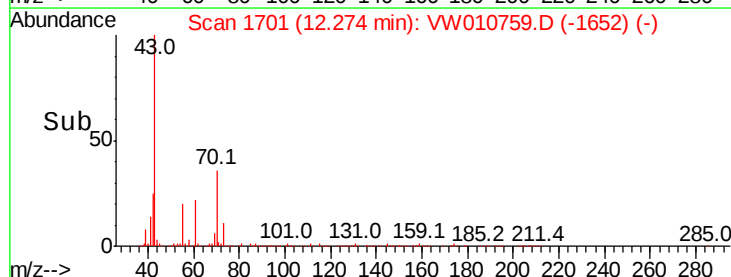
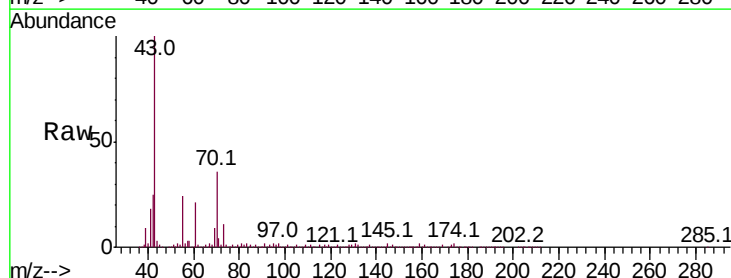
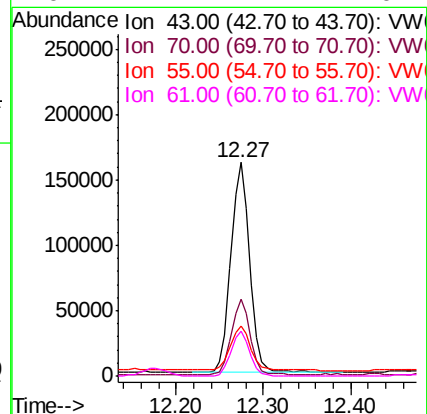
Ion Ratio Lower Upper

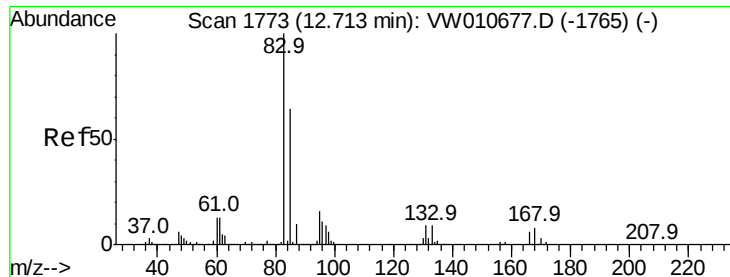
43 100

70 35.5 29.2 43.8

55 21.7 17.5 26.3

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.837 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

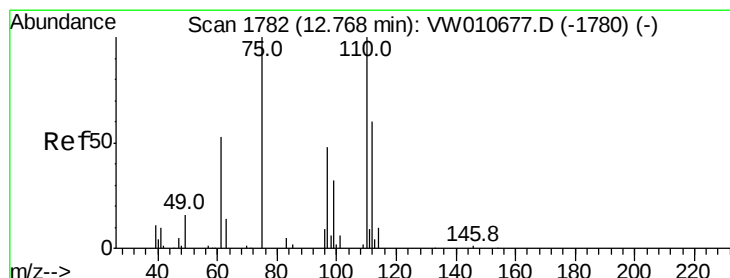
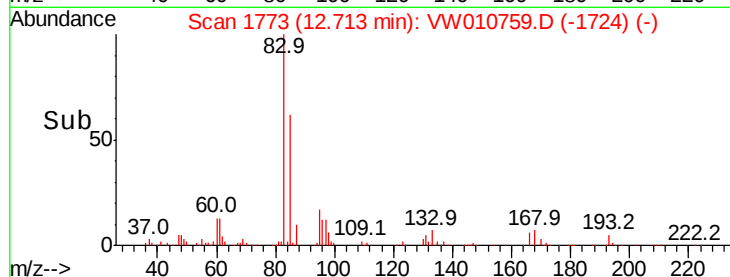
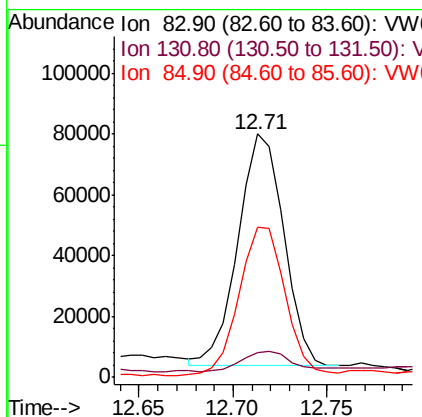
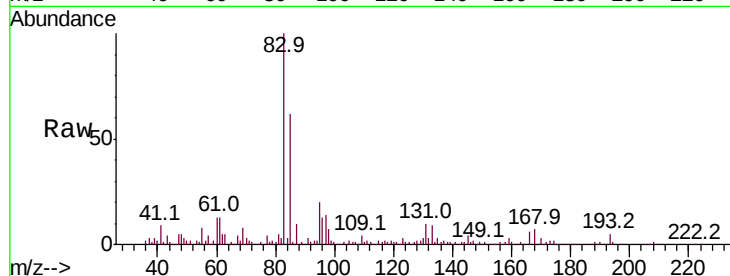
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	127624
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	65.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.249 ug/l m

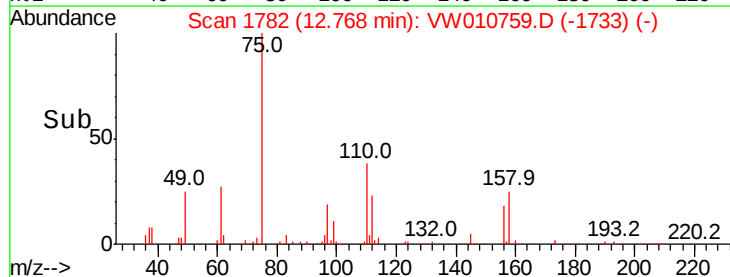
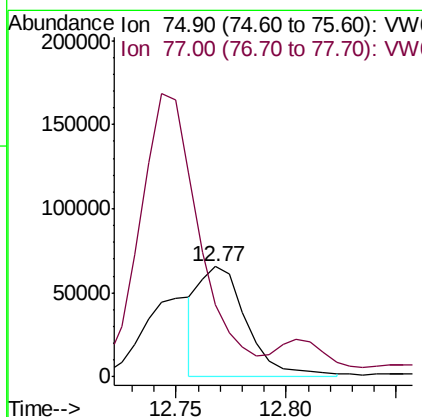
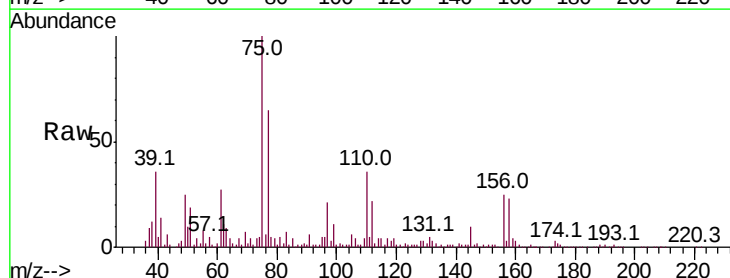
RT: 12.77 min Scan# 1782

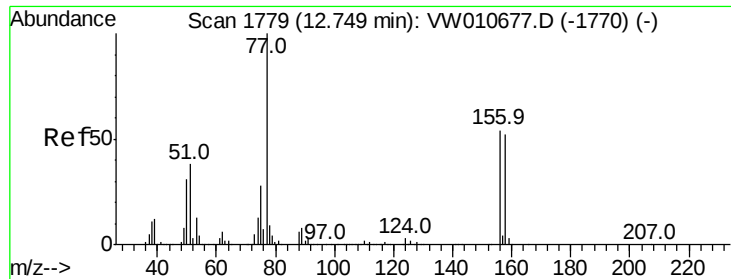
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	75	Resp:	98128
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.490 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 145334

Ion Ratio Lower Upper

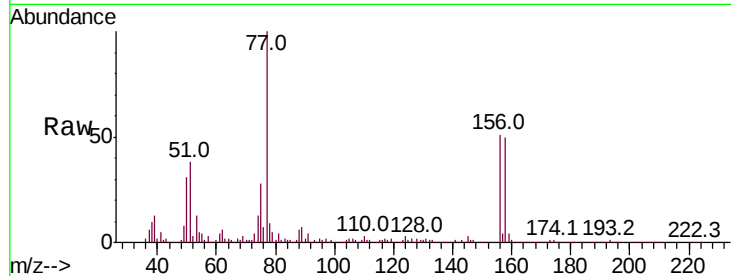
156 100

77 213.5 106.5 319.4

158 97.4 48.3 144.9

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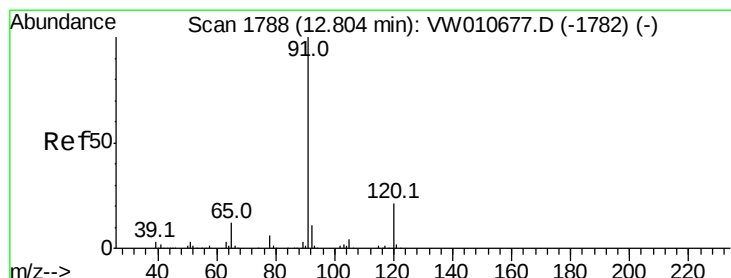
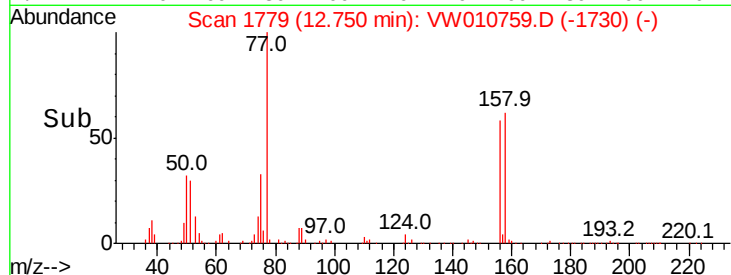
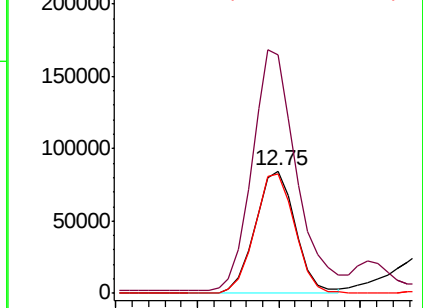
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 46.265 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010759.D

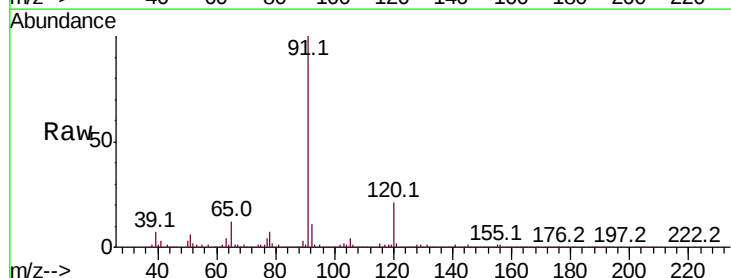
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 735648

Ion Ratio Lower Upper

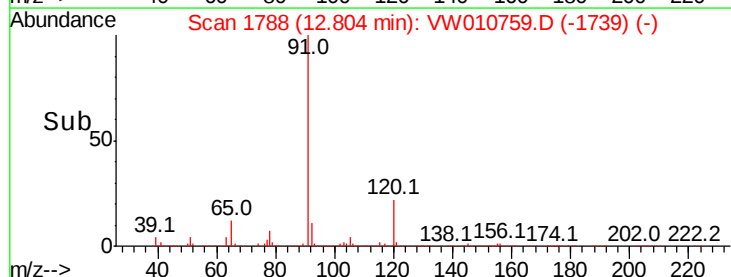
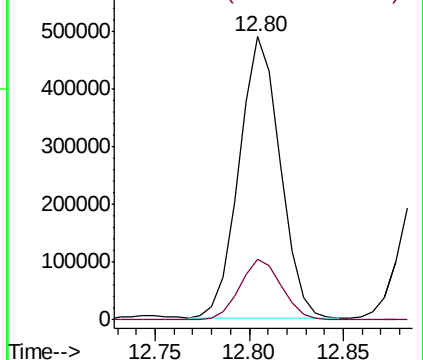
91 100

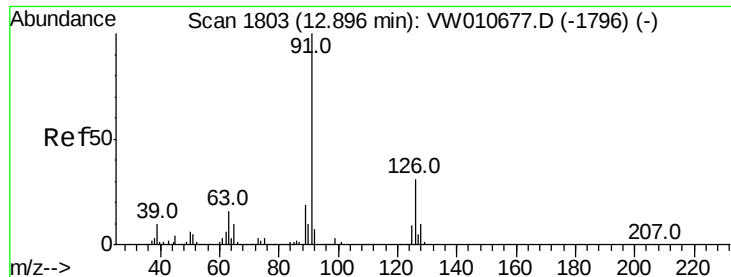
120 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 48.455 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 440184

Ion Ratio Lower Upper

91 100

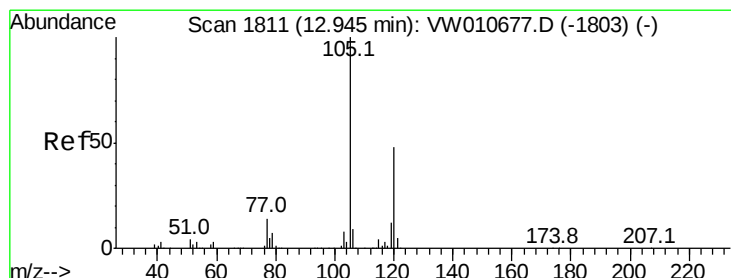
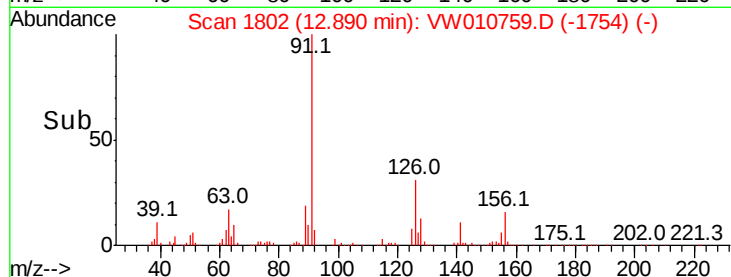
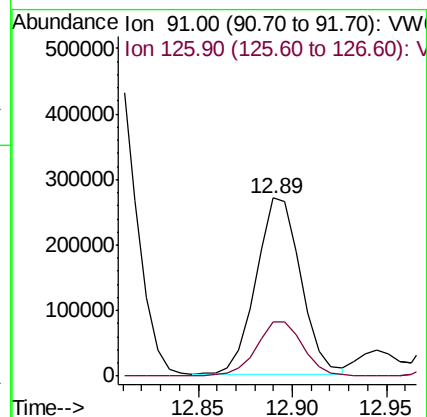
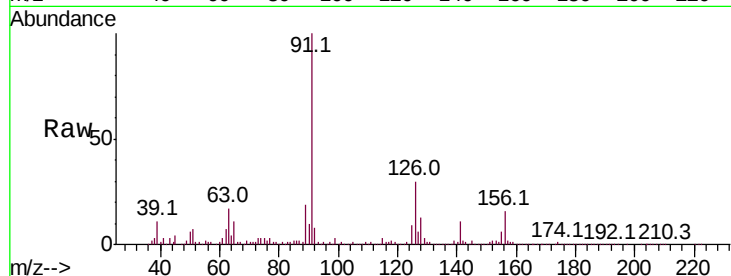
126 32.6 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.178 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010759.D

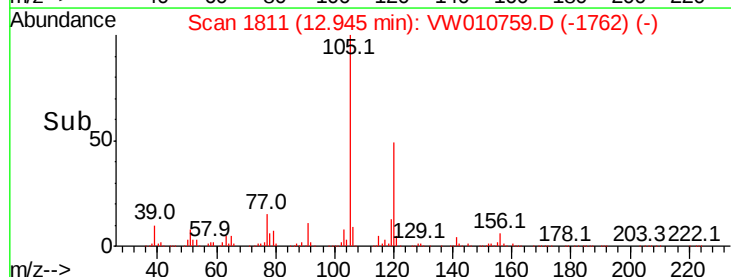
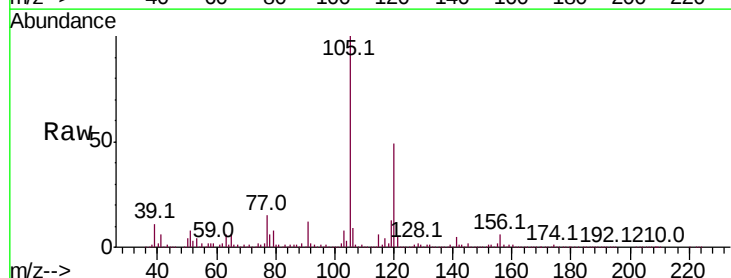
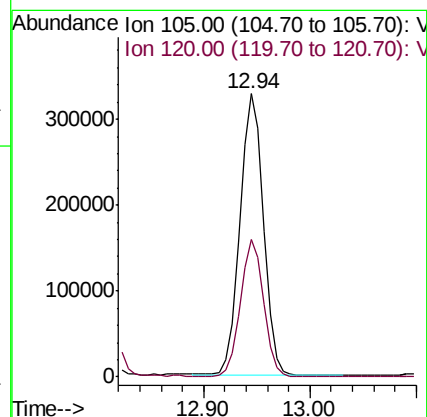
Acq: 10 Jun 2019 21:38

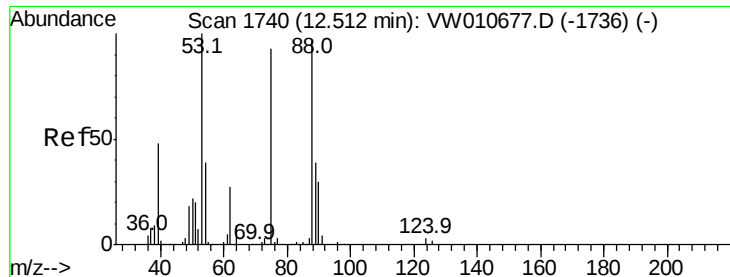
Tgt Ion: 105 Resp: 509221

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.073 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 41752

Ion Ratio Lower Upper

75 100

53 110.5 90.1 135.1

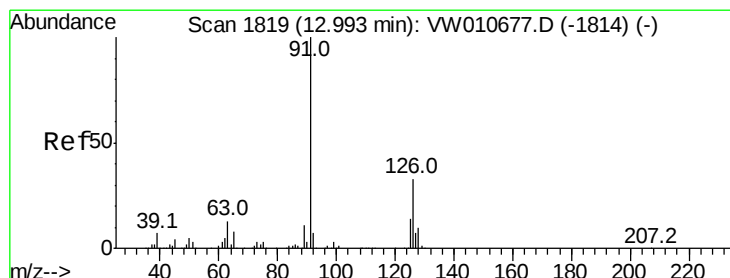
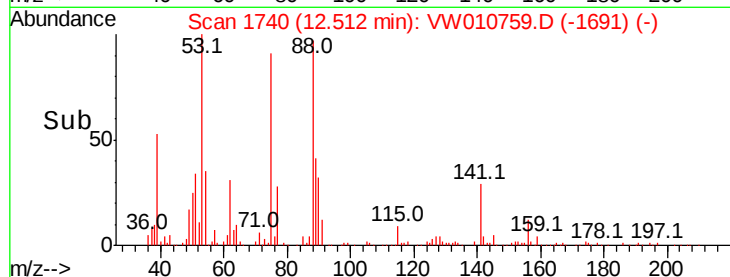
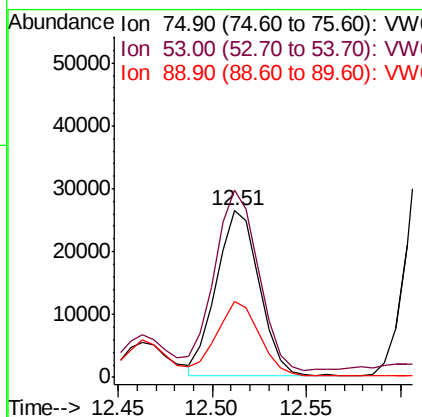
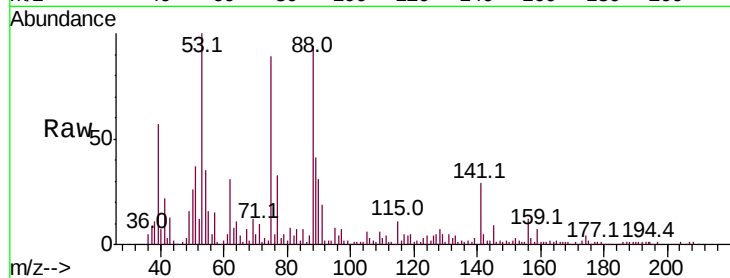
89 46.5 34.6 52.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 47.844 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010759.D

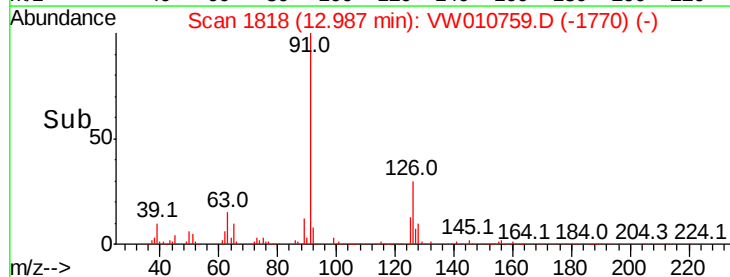
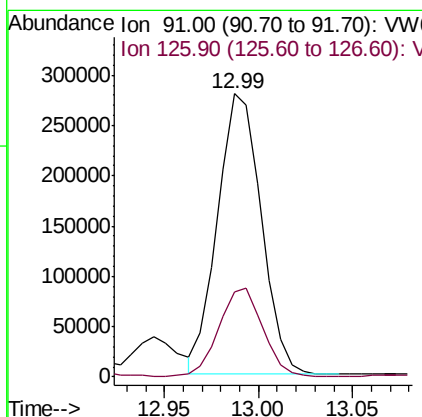
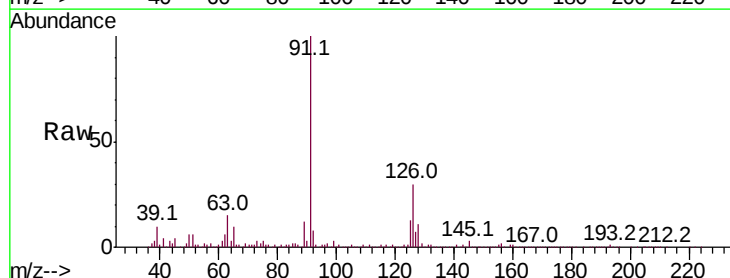
Acq: 10 Jun 2019 21:38

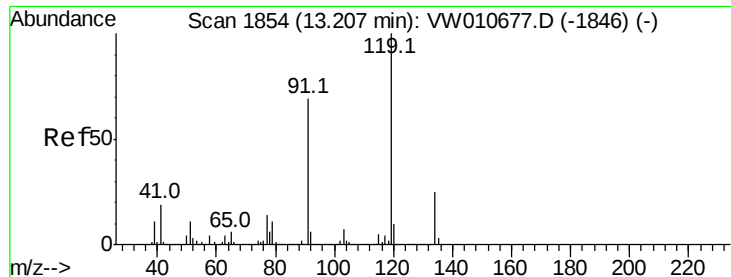
Tgt Ion: 91 Resp: 448526

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7





#83

tert-Butylbenzene

Concen: 48.489 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

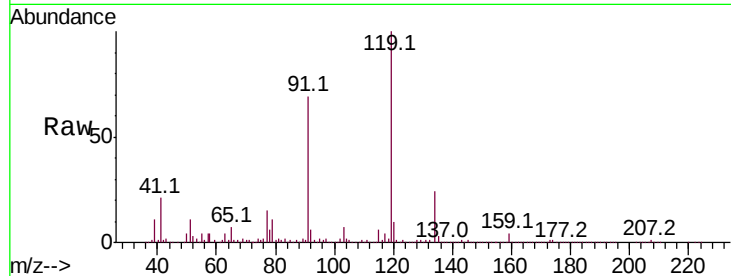
ClientSampleId :

VSTDCCC050EC

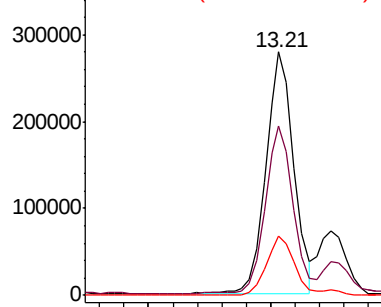
Tot Ion:	119	Resp:	444176
Ion Ratio	Lower	Upper	
119	100		
91	69.0	35.1	105.3
134	25.7	13.6	40.7

Manual Integrations
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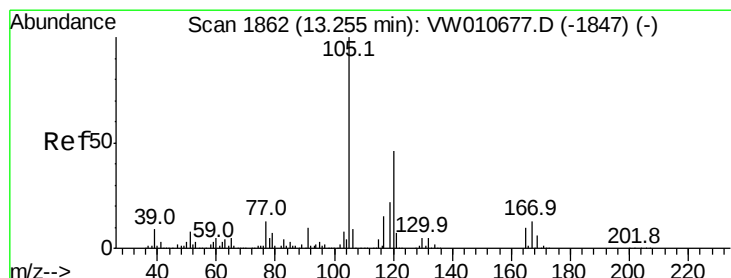
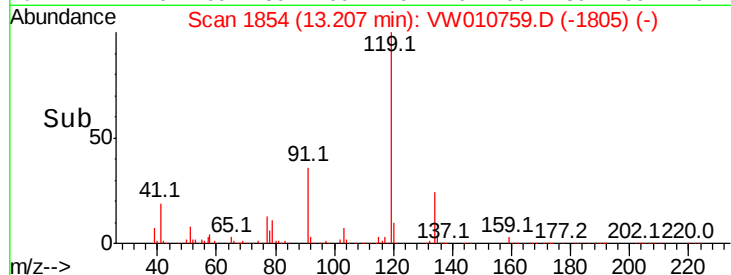
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 47.407 ug/l

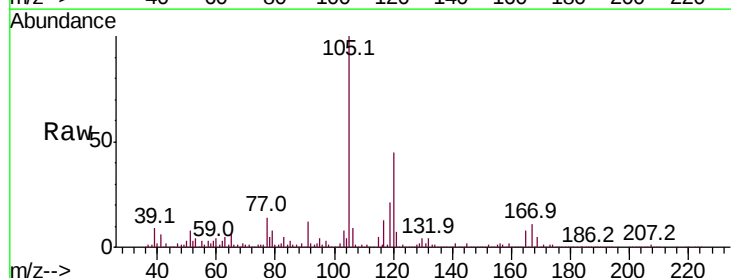
RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

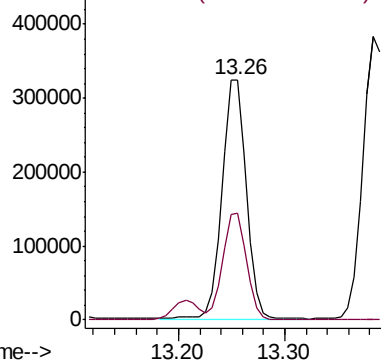
Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

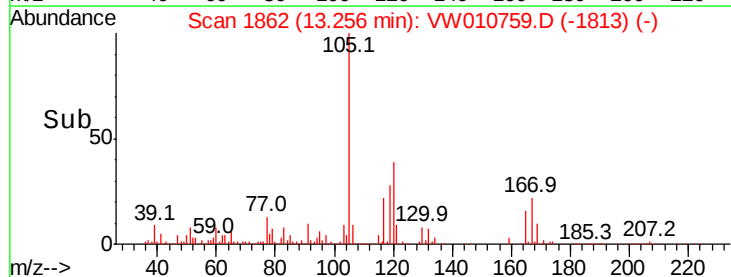
Tgt Ion:	105	Resp:	514915
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.5	67.5

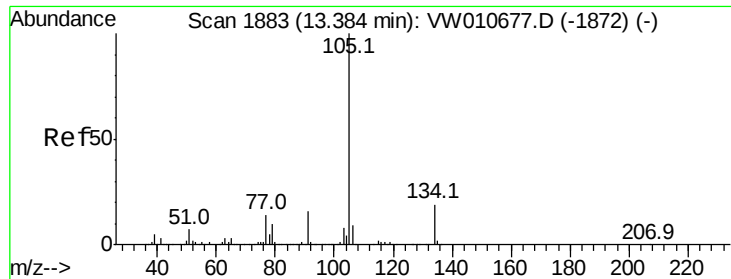


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





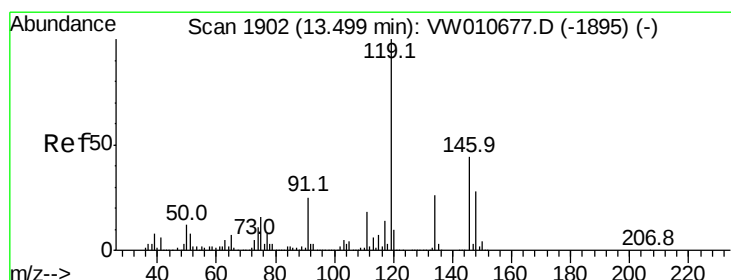
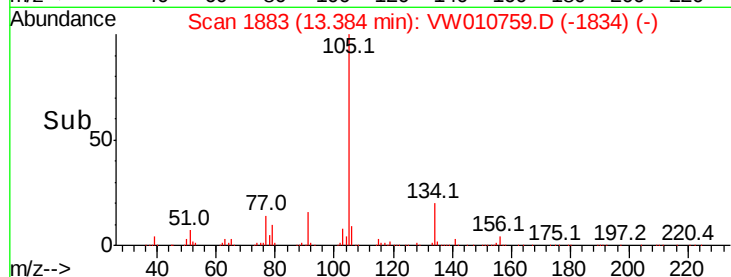
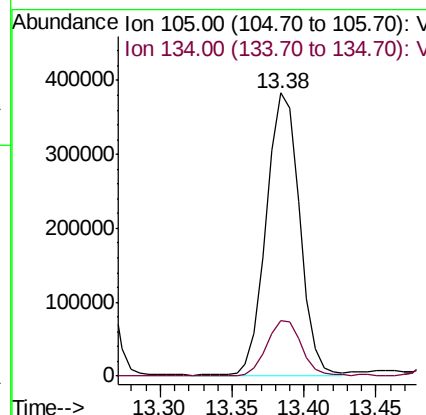
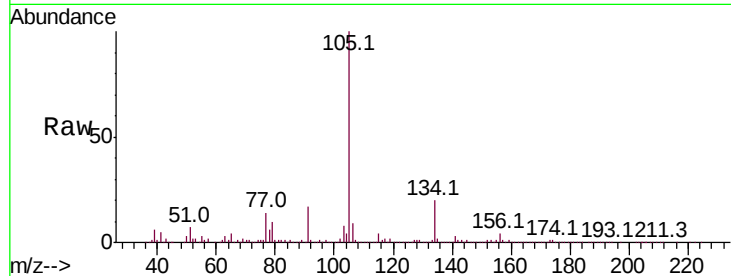
#85
 sec-Butylbenzene
 Concen: 45.795 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	9.7	28.9

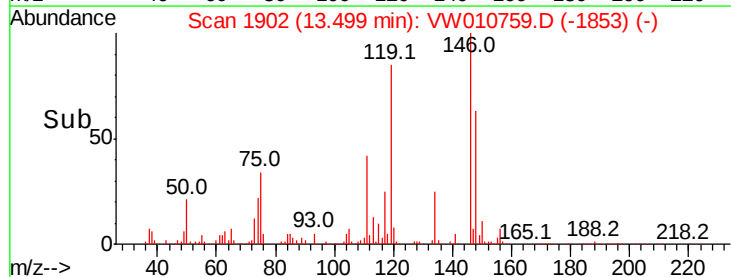
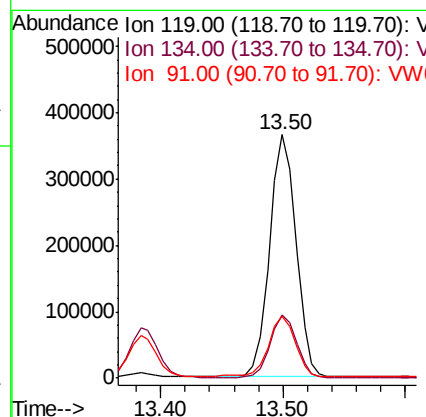
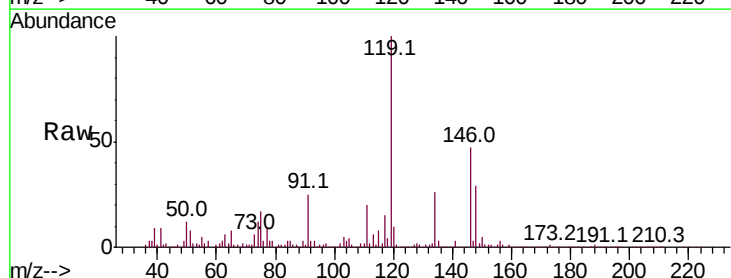
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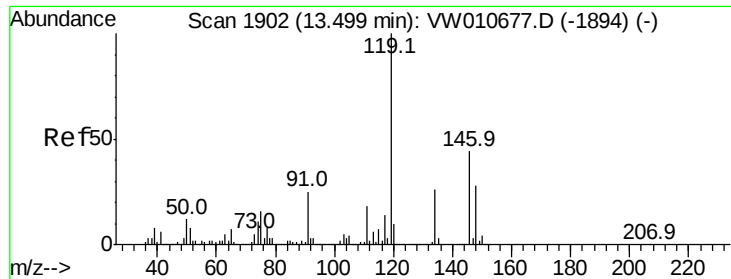
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#86
 p-Isopropyltoluene
 Concen: 46.040 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	25.5	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 48.261 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

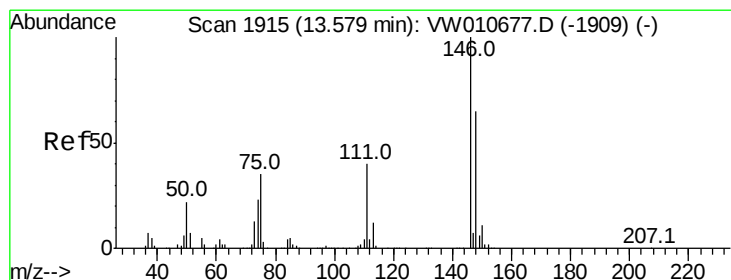
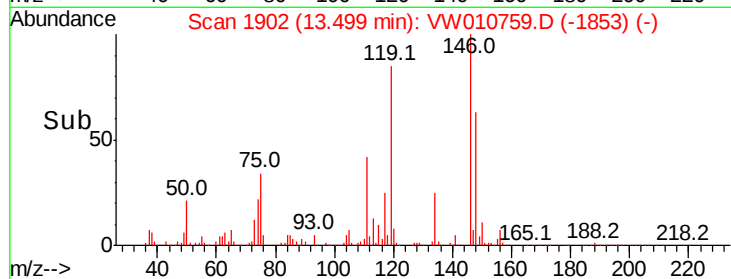
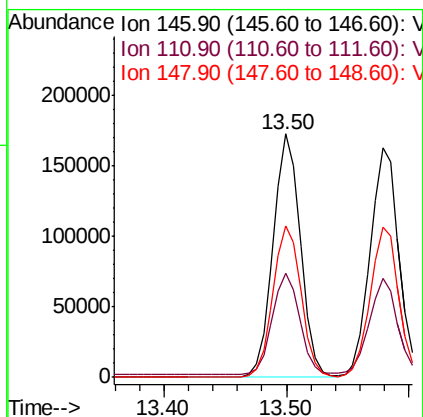
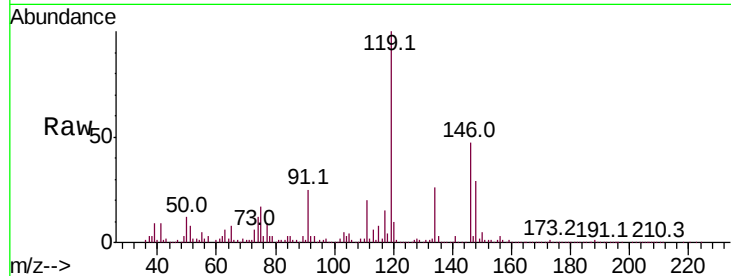
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	63.6	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 47.812 ug/l

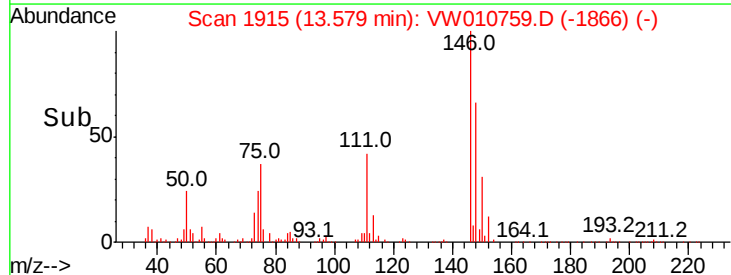
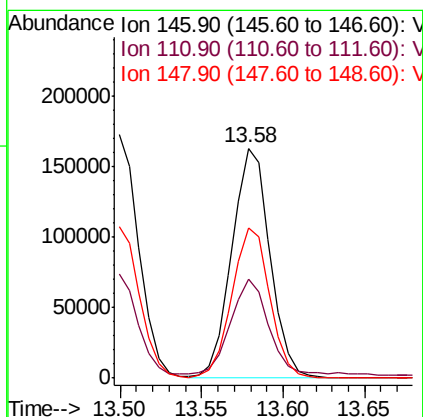
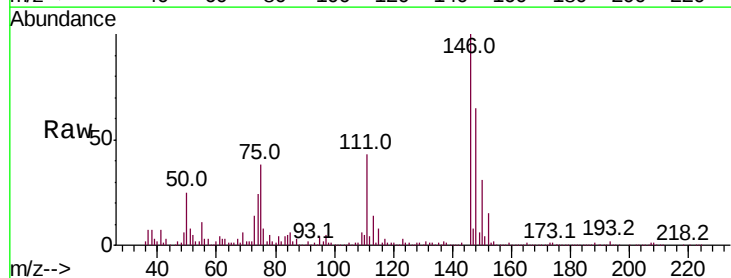
RT: 13.58 min Scan# 1915

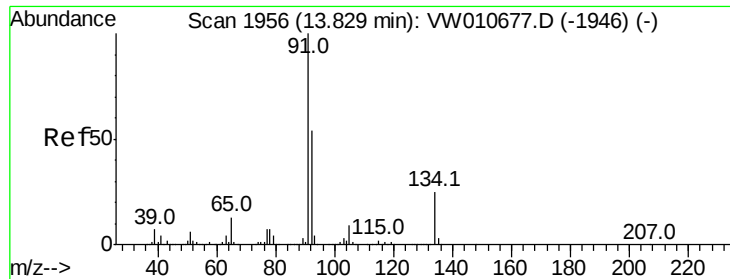
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.3	60.9
148	65.6	32.4	97.2





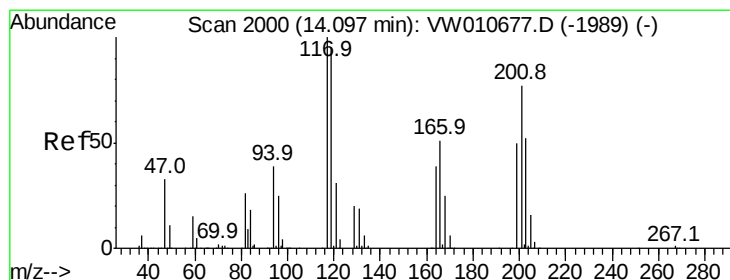
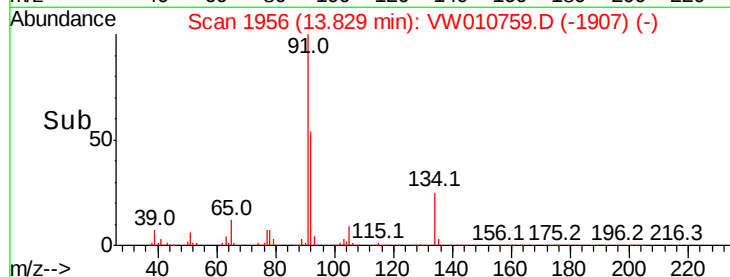
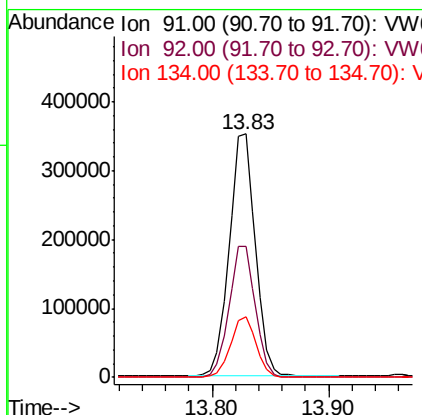
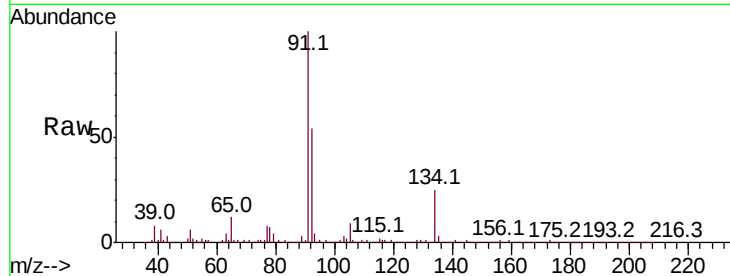
#89
n-Butylbenzene
Concen: 45.447 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.3	81.8
134	24.7	12.3	36.9

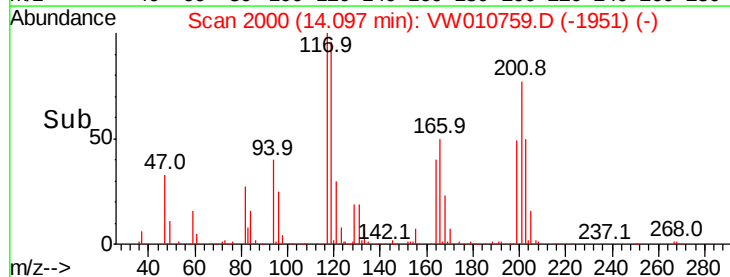
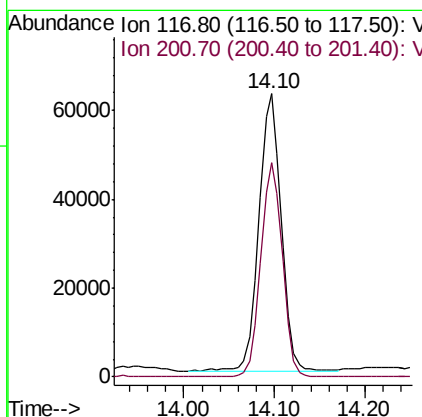
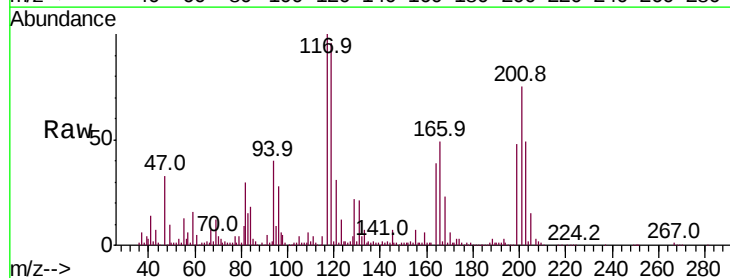
Manual Integrations
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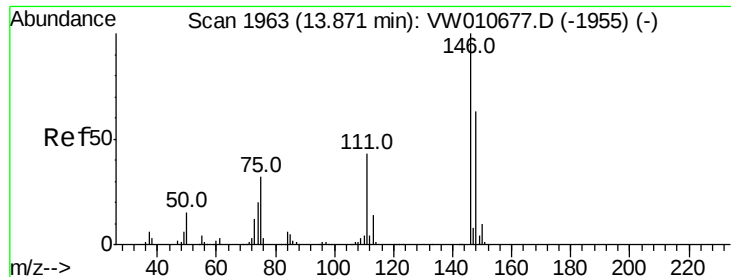
MMDadoda
6/11/2019 1:02:29 PM



#90
Hexachloroethane
Concen: 50.408 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	38.8	116.4





#91

1,2-Dichlorobenzene

Concen: 48.846 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

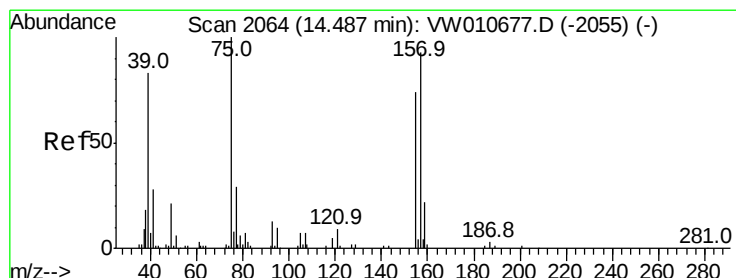
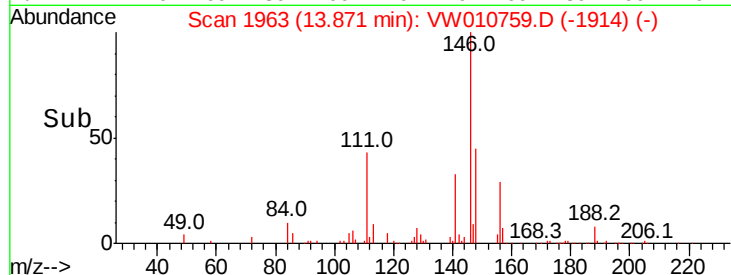
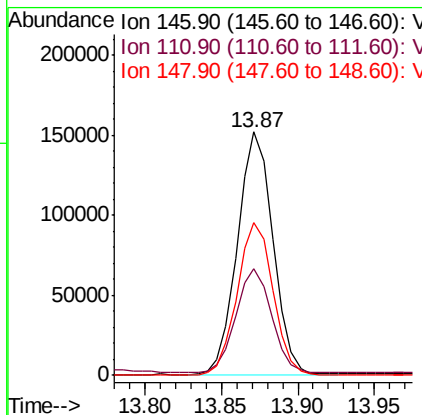
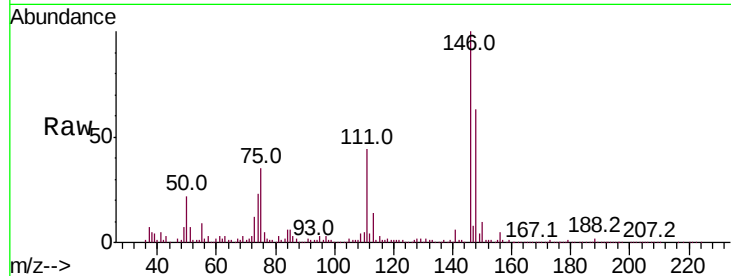
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	243840
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.5	64.5
148	63.3	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.619 ug/l

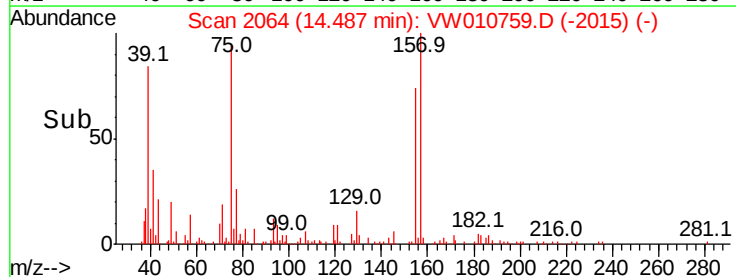
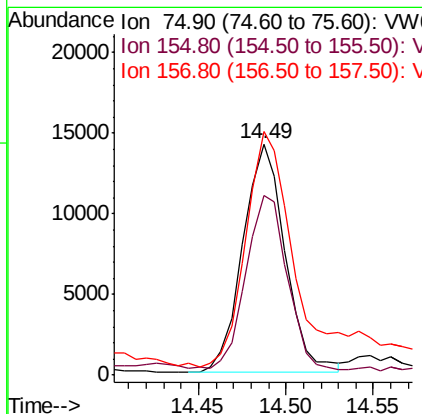
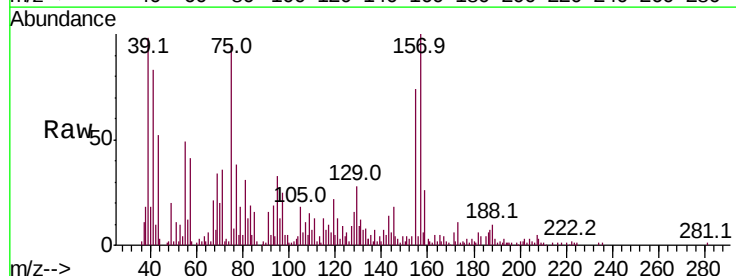
RT: 14.49 min Scan# 2064

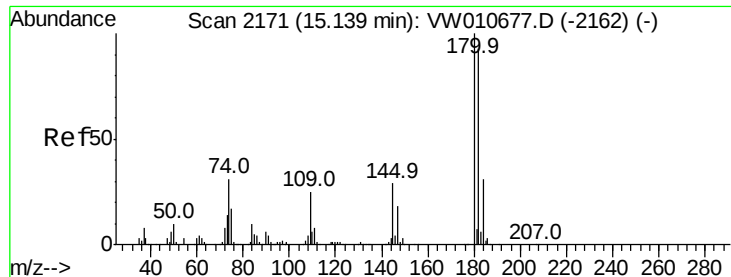
Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	75	Resp:	23977
Ion Ratio	Lower	Upper	
75	100		
155	73.8	38.8	116.4
157	133.0	48.4	145.0





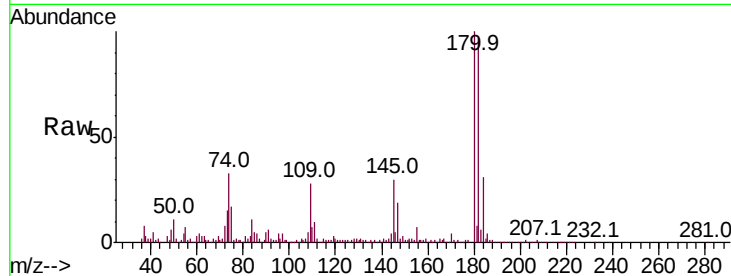
#93
 1,2,4-Trichlorobenzene
 Concen: 50.815 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

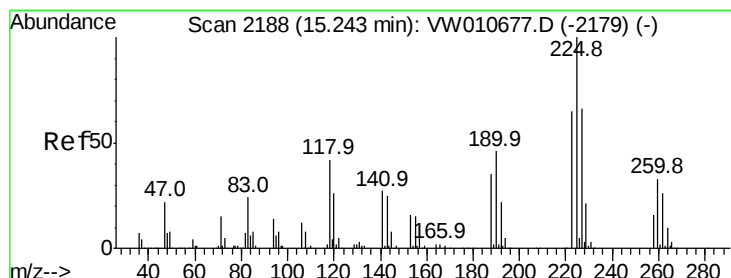
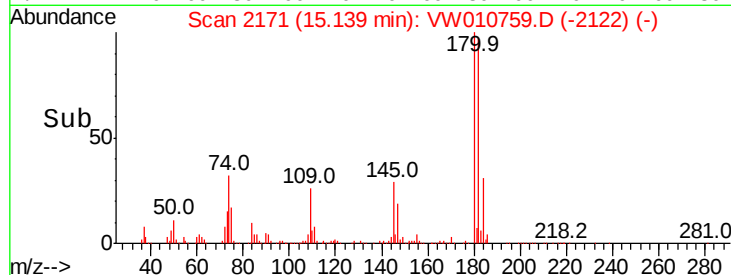
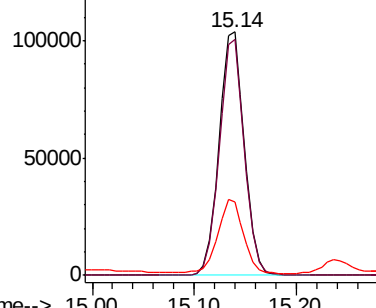
Tot Ion	Ratio	Resp	Lower	Upper
180	100	178013		
182	96.1	47.1	141.4	
145	30.9	15.2	45.5	

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:29 PM

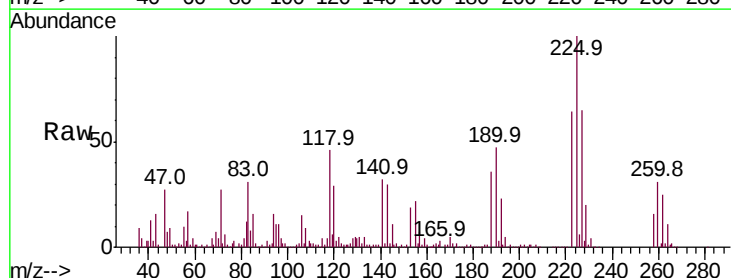


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

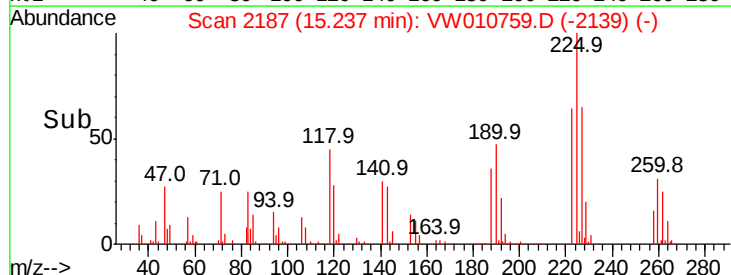
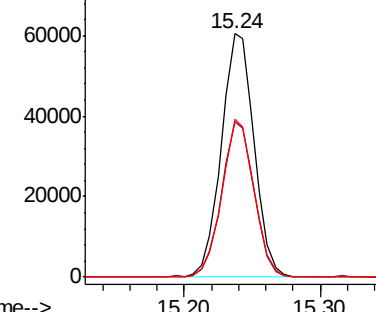


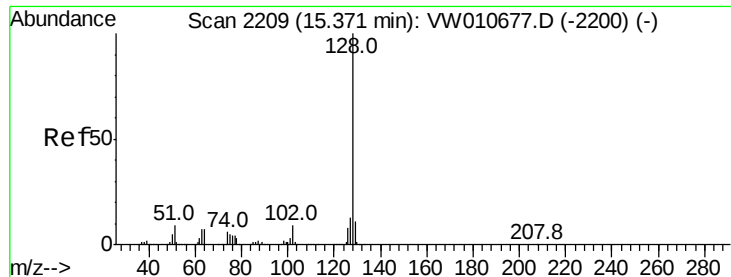
#94
 Hexachlorobutadiene
 Concen: 46.413 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102044		
223	63.4	32.2	96.6	
227	63.5	32.0	96.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 57.053 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

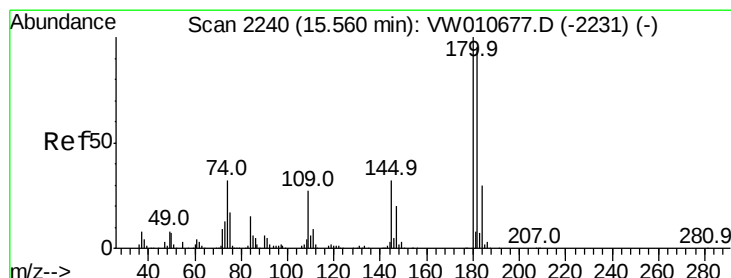
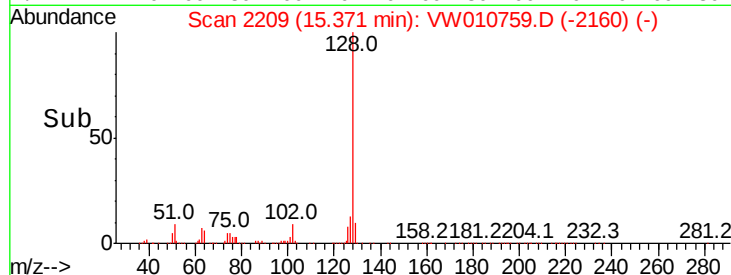
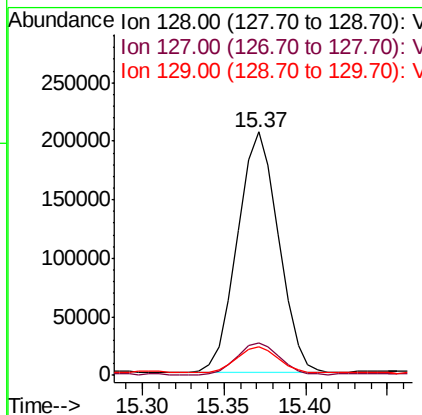
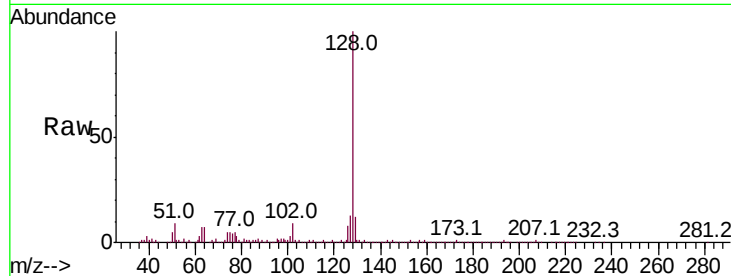
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	363129
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2019 1:02:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.170 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion:	180	Resp:	158407
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.0	141.0
145	35.9	16.1	48.3

