

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019037.D
 Acq On : 19 May 2021 17:41
 Operator : SY/VA
 Sample : VW0520SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 6:00:18 PM

Quant Time: May 20 03:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	349030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	595372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	551518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	280597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	230733	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	7.885	113	205428	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
50) Toluene-d8	10.323	98	816424	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
62) 4-Bromofluorobenzene	12.615	95	290889	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	56339	23.97	ug/l	93
3) Chloromethane	2.215	50	57037	21.88	ug/l	99
4) Vinyl Chloride	2.367	62	84665	22.10	ug/l	98
5) Bromomethane	2.776	94	74075	23.08	ug/l	98
6) Chloroethane	2.922	64	58949	22.40	ug/l	96
7) Trichlorofluoromethane	3.257	101	38879	18.45	ug/l	96
8) Diethyl Ether	3.684	74	41717	22.76	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.074	101	72439	21.25	ug/l	98
10) Methyl Iodide	4.282	142	108946	21.78	ug/l	99
11) Tert butyl alcohol	5.184	59	26195	136.71	ug/l	98
12) 1,1-Dichloroethene	4.050	96	76226	21.93	ug/l	97
13) Acrolein	3.891	56	26349	112.07	ug/l	96
14) Allyl chloride	4.672	41	92088	20.36	ug/l	99
15) Acrylonitrile	5.367	53	77593	112.89	ug/l	99
16) Acetone	4.129	43	63048	112.65	ug/l	98
17) Carbon Disulfide	4.391	76	201573	21.22	ug/l	100
18) Methyl Acetate	4.678	43	37940	23.03	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	99664	22.84	ug/l	95
20) Methylene Chloride	4.928	84	113669	25.29	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	87716	22.09	ug/l	97
22) Diisopropyl ether	6.312	45	202561	22.02	ug/l	99
23) Vinyl Acetate	6.257	43	688677	111.25	ug/l	99
24) 1,1-Dichloroethane	6.214	63	155547	21.83	ug/l	100
25) 2-Butanone	7.171	43	106190	115.50	ug/l	100
26) 2,2-Dichloropropane	7.165	77	80953	21.09	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	97224	22.06	ug/l	100
28) Bromochloromethane	7.513	49	63129	21.78	ug/l	100
29) Tetrahydrofuran	7.531	42	63041	117.25	ug/l	98
30) Chloroform	7.677	83	161171	22.25	ug/l	98
31) Cyclohexane	7.958	56	123546	20.74	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	115475	21.47	ug/l	98
36) 1,1-Dichloropropene	8.086	75	126042	21.26	ug/l	99
37) Ethyl Acetate	7.257	43	51855	22.61	ug/l	99
38) Carbon Tetrachloride	8.067	117	106547	20.39	ug/l	99
39) Methylcyclohexane	9.336	83	135585	20.67	ug/l	99
40) Benzene	8.324	78	356418	21.51	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019037.D
 Acq On : 19 May 2021 17:41
 Operator : SY/VA
 Sample : VW0520SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 6:00:18 PM

Quant Time: May 20 03:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	28577	22.82	ug/l	94
42) 1,2-Dichloroethane	8.403	62	109280	22.24	ug/l	99
43) Isopropyl Acetate	8.427	43	95750	22.38	ug/l	100
44) Trichloroethene	9.092	130	91613	21.44	ug/l	97
45) 1,2-Dichloropropane	9.372	63	85865	21.42	ug/l	100
46) Dibromomethane	9.457	93	48024	22.06	ug/l	98
47) Bromodichloromethane	9.646	83	115343	21.32	ug/l	97
48) Methyl methacrylate	9.439	41	42474	21.62	ug/l	94
49) 1,4-Dioxane	9.457	88	11183	450.72	ug/l #	78
51) 4-Methyl-2-Pentanone	10.207	43	250711	113.12	ug/l	100
52) Toluene	10.390	92	224705	21.39	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	112517	21.14	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	134989	21.30	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	66222	22.01	ug/l	99
56) Ethyl methacrylate	10.646	69	84032	22.24	ug/l	99
57) 1,3-Dichloropropane	10.933	76	118879	22.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	220831	113.01	ug/l	100
59) 2-Hexanone	10.969	43	167178	113.49	ug/l	99
60) Dibromochloromethane	11.128	129	72112	21.42	ug/l	99
61) 1,2-Dibromoethane	11.238	107	62865	21.73	ug/l	98
64) Tetrachloroethene	10.866	164	74218	20.71	ug/l	89
65) Chlorobenzene	11.658	112	235588	21.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	82439	21.53	ug/l	98
67) Ethyl Benzene	11.731	91	432622	20.85	ug/l	95
68) m/p-Xylenes	11.841	106	328412	42.12	ug/l	100
69) o-Xylene	12.164	106	153480	21.11	ug/l	100
70) Styrene	12.183	104	258889	20.98	ug/l	99
71) Bromoform	12.347	173	39338	20.47	ug/l #	99
73) Isopropylbenzene	12.463	105	423827	20.61	ug/l	99
74) N-amyl acetate	12.274	43	89028	20.99	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	79356	21.57	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	51861m	19.57	ug/l	
77) Bromobenzene	12.750	156	94329	20.80	ug/l	97
78) n-propylbenzene	12.804	91	512216	20.37	ug/l	99
79) 2-Chlorotoluene	12.890	91	295655	20.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	360396	20.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	20254	18.63	ug/l	92
82) 4-Chlorotoluene	12.987	91	308098	20.26	ug/l	98
83) tert-Butylbenzene	13.207	119	306488	20.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	362861	20.94	ug/l	99
85) sec-Butylbenzene	13.384	105	452585	20.74	ug/l	100
86) p-Isopropyltoluene	13.493	119	389376	20.60	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	193667	20.91	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	191809	21.01	ug/l	98
89) n-Butylbenzene	13.823	91	378544	20.36	ug/l	99
90) Hexachloroethane	14.091	117	57029	19.25	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	169797	20.73	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12781	21.75	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	116386	21.22	ug/l	96
94) Hexachlorobutadiene	15.231	225	59993	18.94	ug/l	94
95) Naphthalene	15.365	128	215317	21.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	102219	21.53	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
Data File : VW019037.D
Acq On : 19 May 2021 17:41
Operator : SY/VA
Sample : VW0520SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM

Quant Time: May 20 03:35:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 09:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

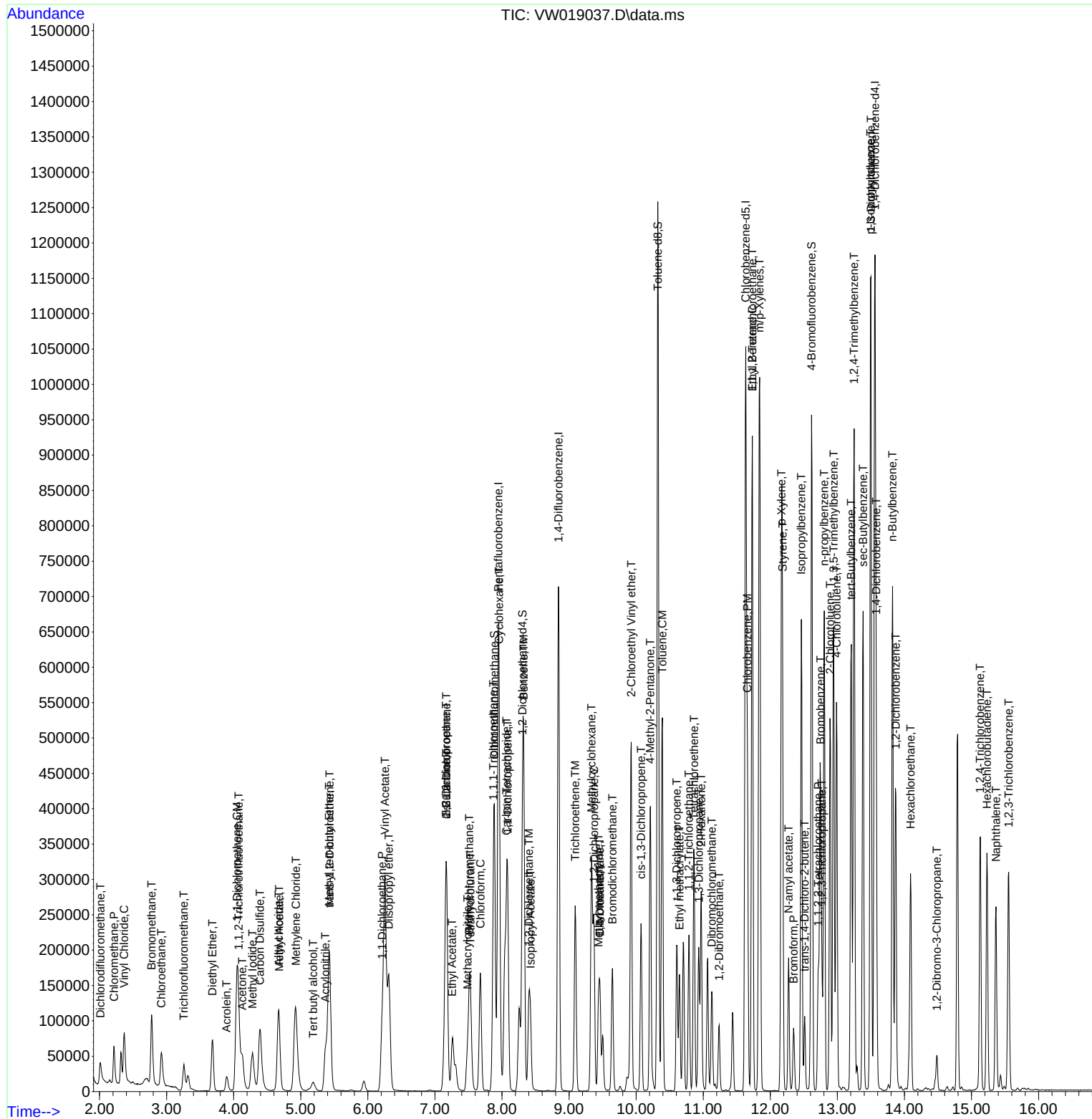
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
 Data File : VW019037.D
 Acq On : 19 May 2021 17:41
 Operator : SY/VA
 Sample : VW0520SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

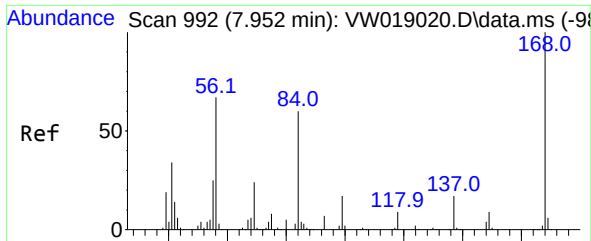
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBSD01

Manual Integrations
 APPROVED

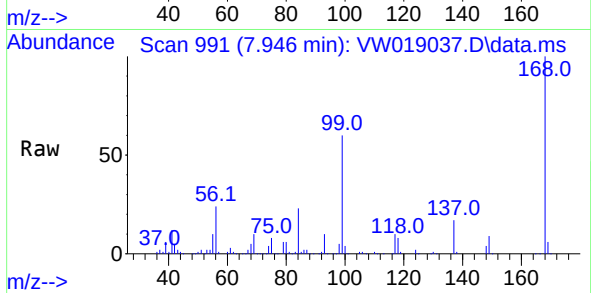
MMDadoda
 5/20/2021 6:00:18 PM

Quant Time: May 20 03:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

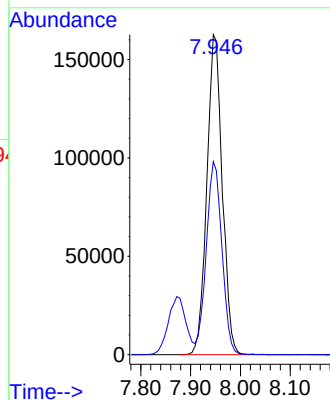
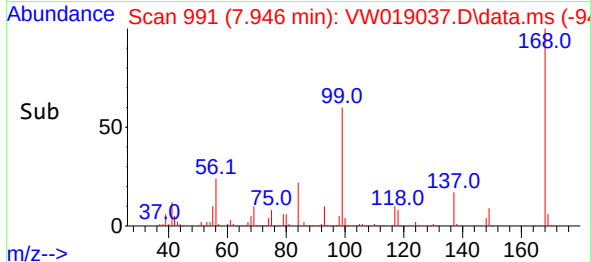




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



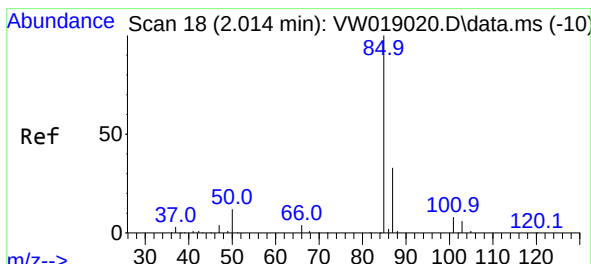
Tgt Ion:168 Resp: 349030
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



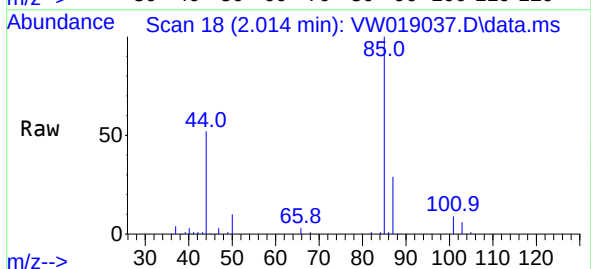
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

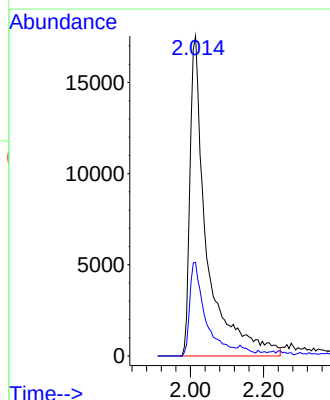
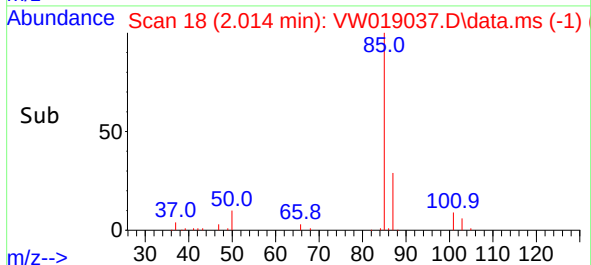
MMDadoda
5/20/2021 6:00:18 PM

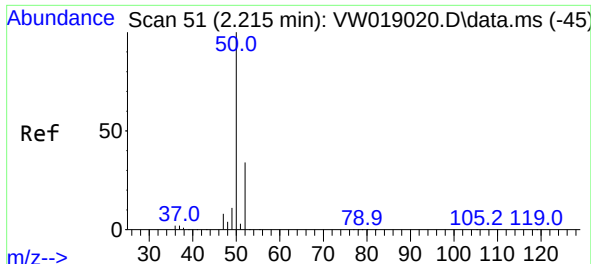


#2
Dichlorodifluoromethane
Concen: 23.97 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



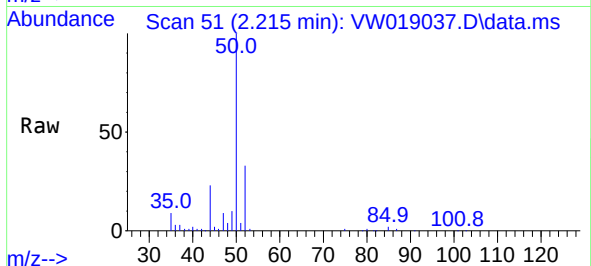
Tgt Ion: 85 Resp: 56339
Ion Ratio Lower Upper
85 100
87 29.2 16.7 50.0





#3
Chloromethane
Concen: 21.88 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

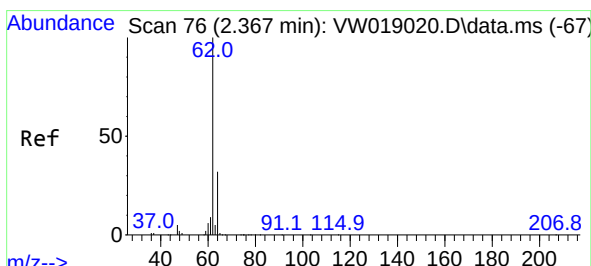
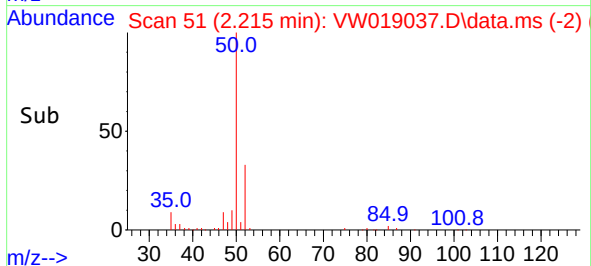
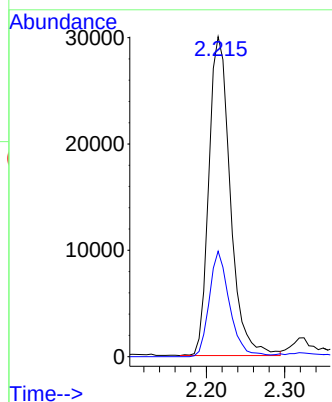
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



Tgt Ion: 50 Resp: 57037
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3

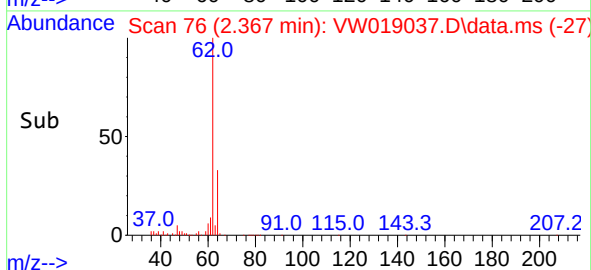
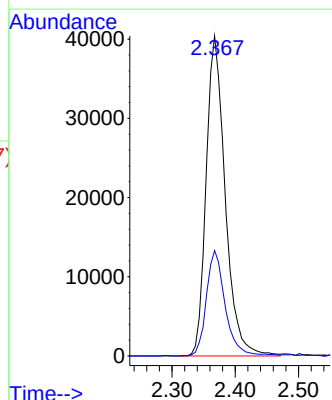
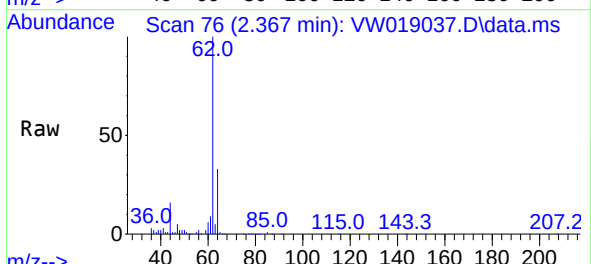
Manual Integrations
APPROVED

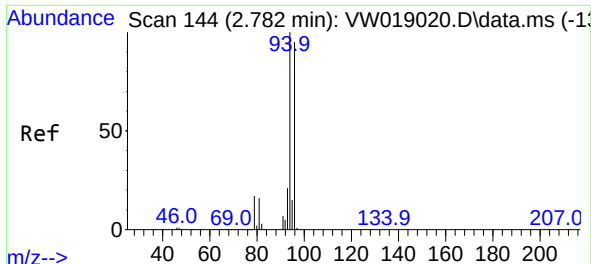
MMDadoda
5/20/2021 6:00:18 PM



#4
Vinyl Chloride
Concen: 22.10 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

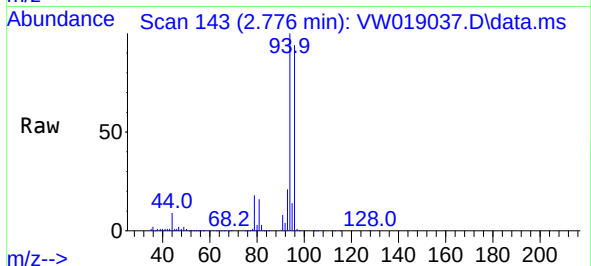
Tgt Ion: 62 Resp: 84665
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9





#5
Bromomethane
Concen: 23.08 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

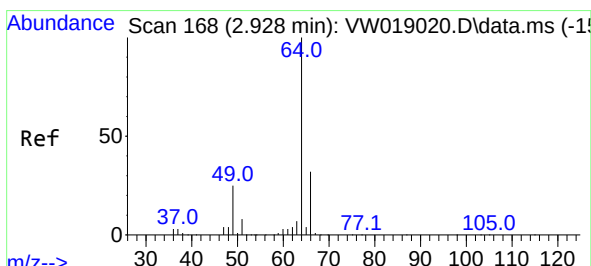
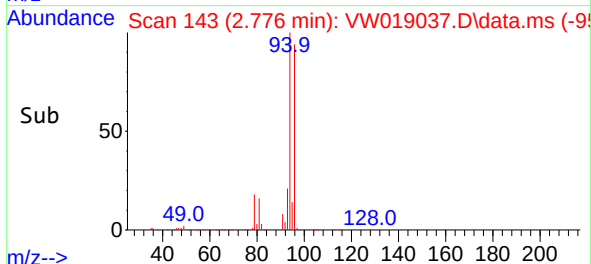
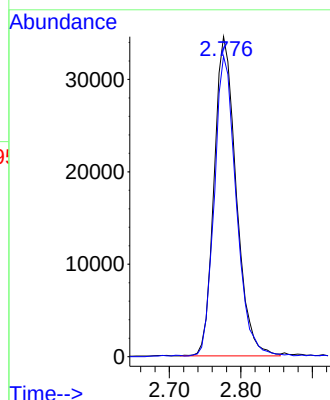
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



Tgt Ion: 94 Resp: 74075
Ion Ratio Lower Upper
94 100
96 93.7 76.4 114.6

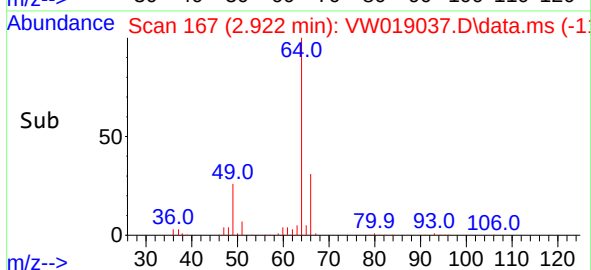
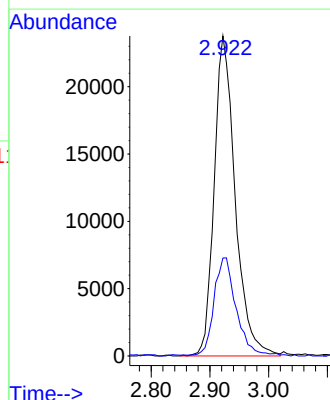
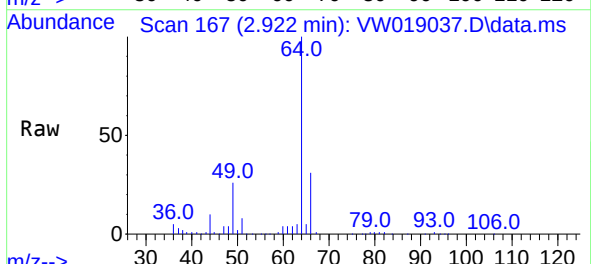
Manual Integrations
APPROVED

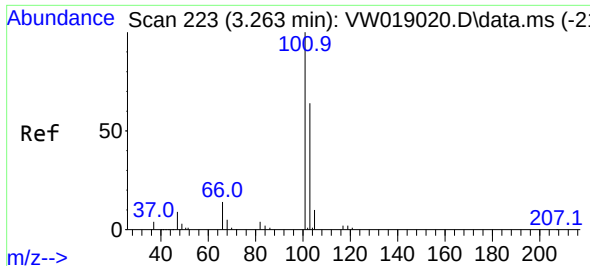
MMDadoda
5/20/2021 6:00:18 PM



#6
Chloroethane
Concen: 22.40 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 64 Resp: 58949
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9





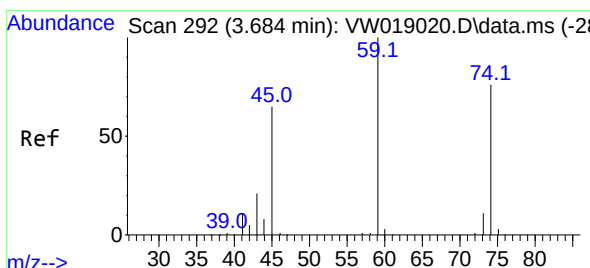
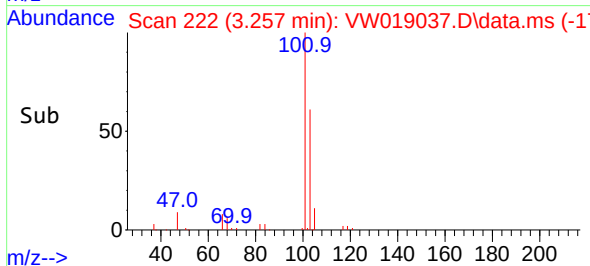
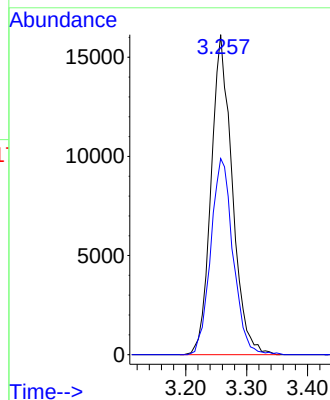
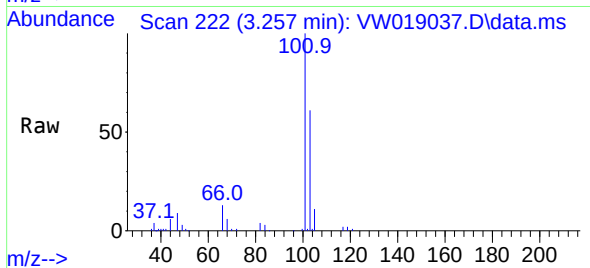
#7
Trichlorofluoromethane
Concen: 18.45 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 101 Resp: 38879
Ion Ratio Lower Upper
101 100
103 61.3 51.4 77.2

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

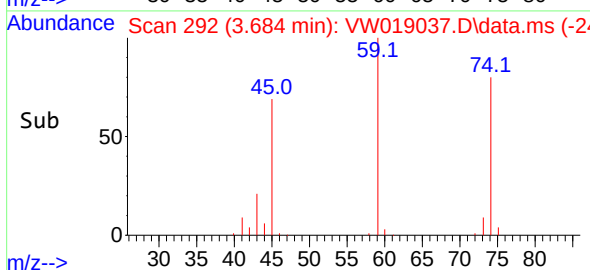
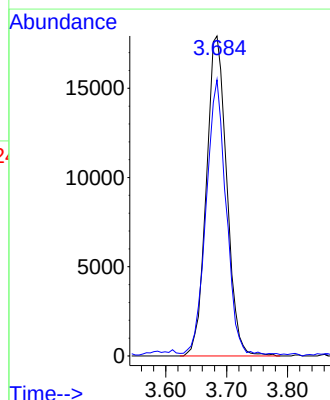
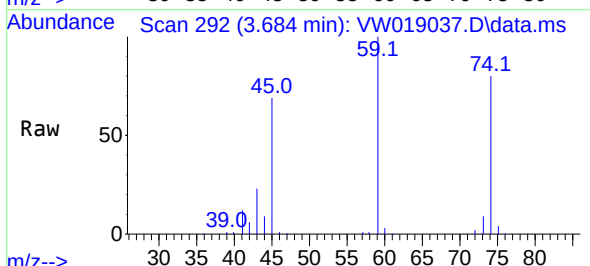
Manual Integrations
APPROVED

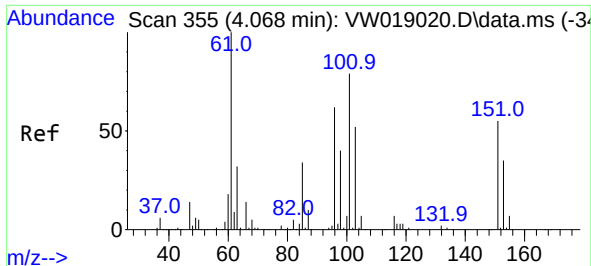
MMDadoda
5/20/2021 6:00:18 PM



#8
Diethyl Ether
Concen: 22.76 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 74 Resp: 41717
Ion Ratio Lower Upper
74 100
45 83.6 43.3 129.8





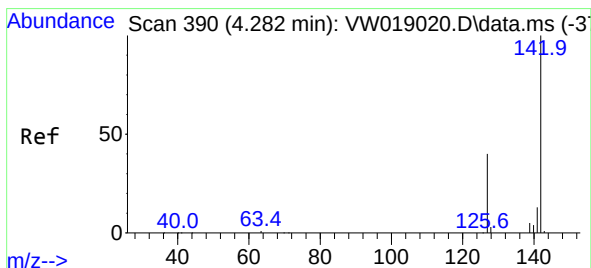
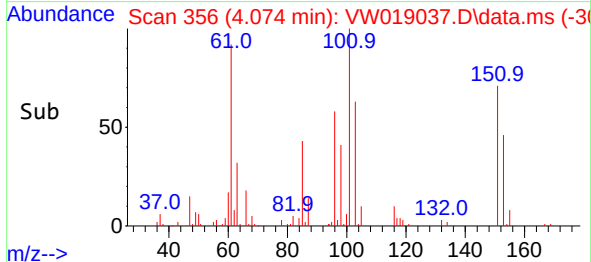
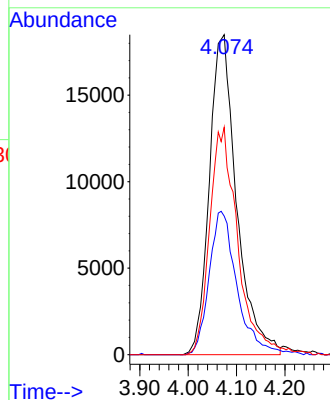
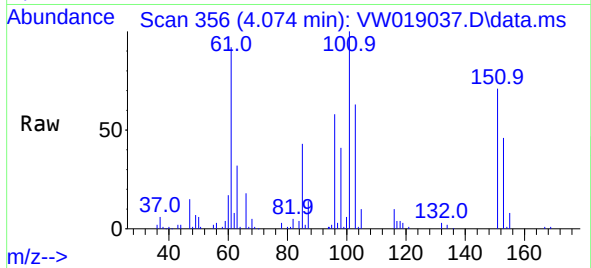
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.25 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:	101	Resp:	72439
Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.9	53.9
151	73.2	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

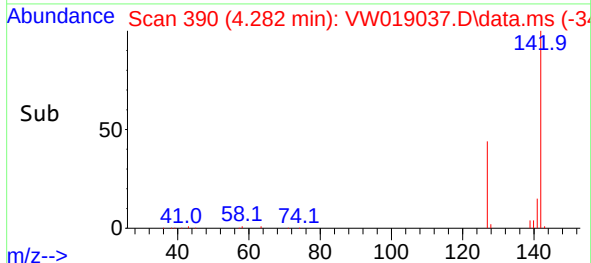
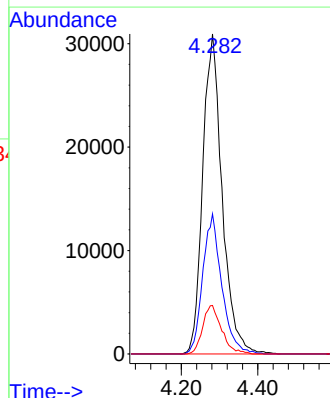
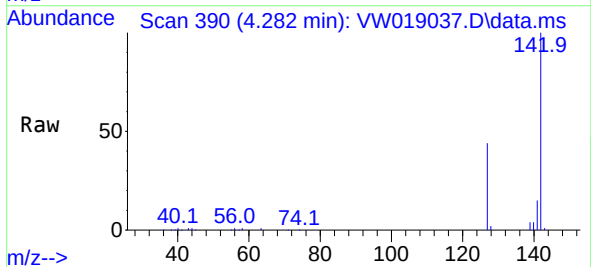
Manual Integrations
APPROVED

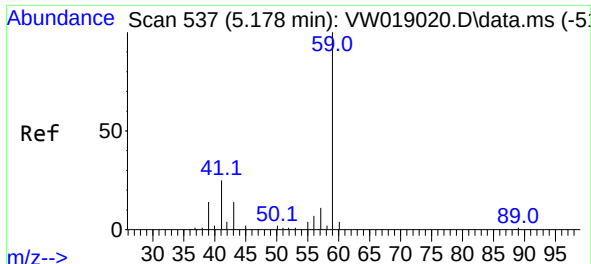
MMDadoda
5/20/2021 6:00:18 PM



#10
Methyl Iodide
Concen: 21.78 ug/l
RT: 4.282 min Scan# 390
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

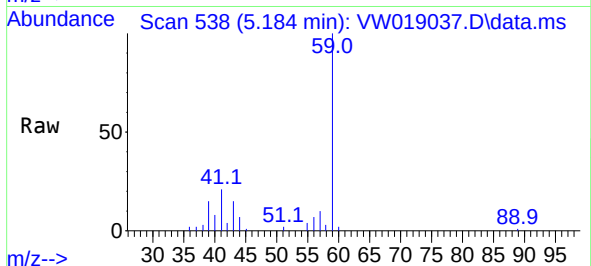
Tgt Ion:	142	Resp:	108946
Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.7	50.5
141	14.8	11.2	16.8





#11
Tert butyl alcohol
Concen: 136.71 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

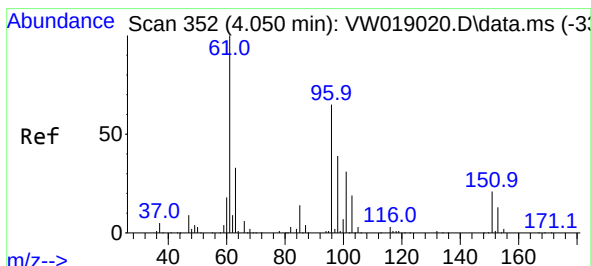
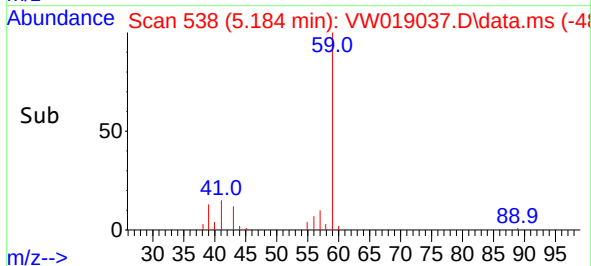
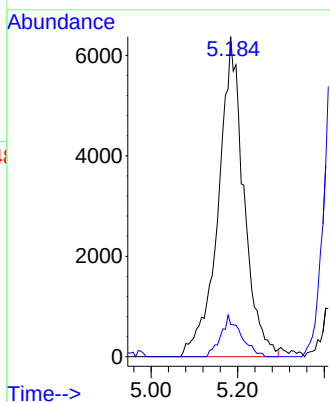
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



Tgt Ion: 59 Resp: 26195
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

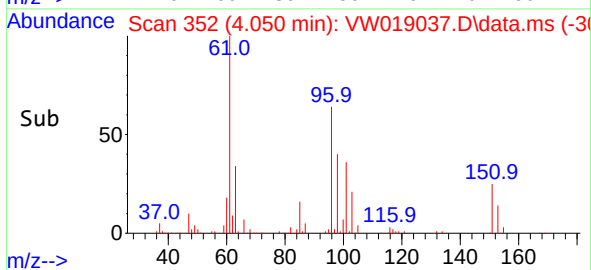
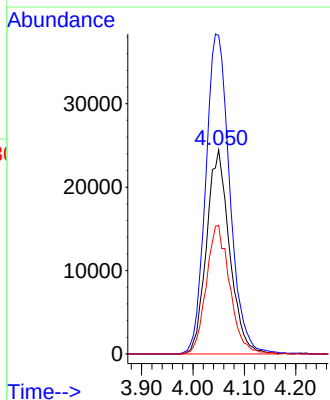
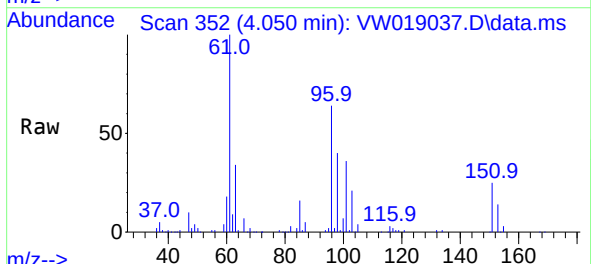
Manual Integrations
APPROVED

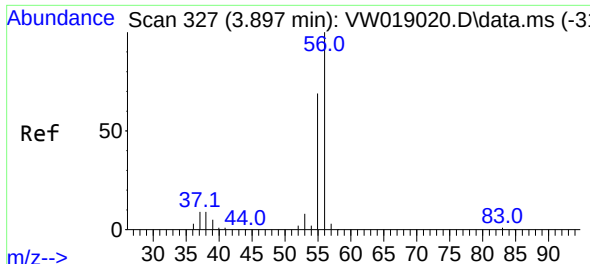
MMDadoda
5/20/2021 6:00:18 PM



#12
1,1-Dichloroethene
Concen: 21.93 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 96 Resp: 76226
Ion Ratio Lower Upper
96 100
61 156.0 123.0 184.4
98 63.0 47.5 71.3





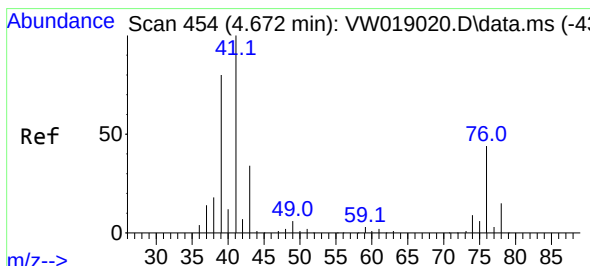
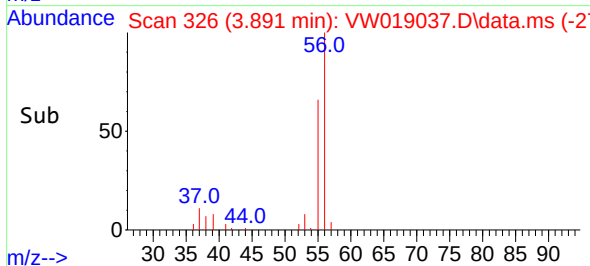
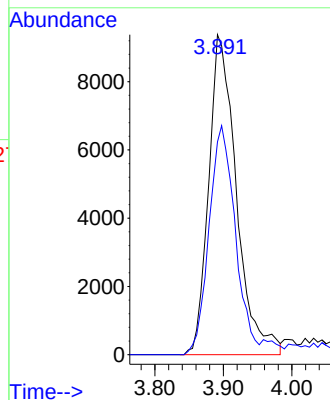
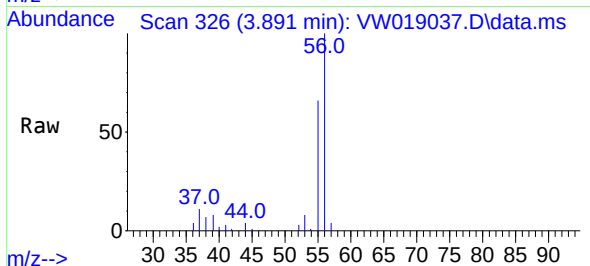
#13
Acrolein
Concen: 112.07 ug/l
RT: 3.891 min Scan# 326
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 56 Resp: 26349
Ion Ratio Lower Upper
56 100
55 67.5 56.7 85.1

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

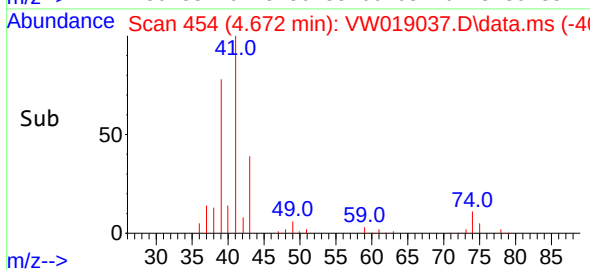
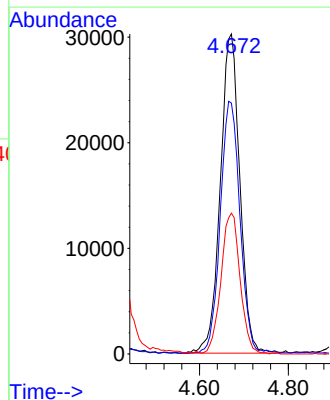
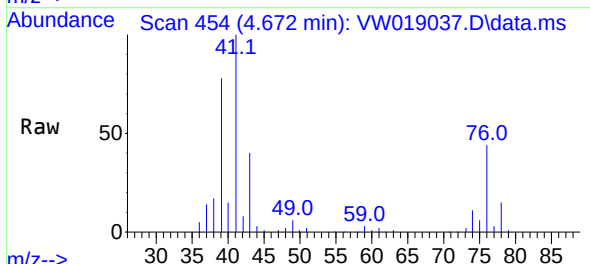
Manual Integrations
APPROVED

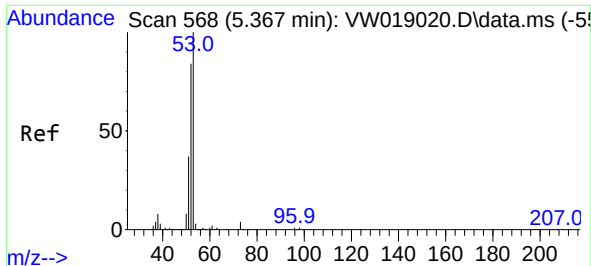
MMDadoda
5/20/2021 6:00:18 PM



#14
Allyl chloride
Concen: 20.36 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 41 Resp: 92088
Ion Ratio Lower Upper
41 100
39 79.3 63.9 95.9
76 43.2 35.1 52.7



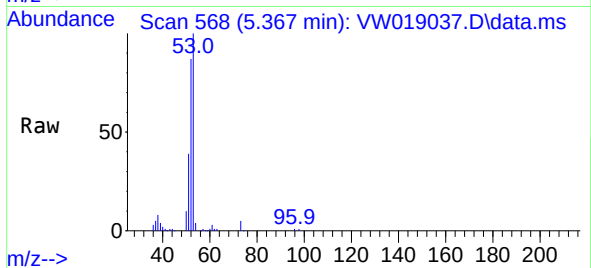


#15
Acrylonitrile
Concen: 112.89 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

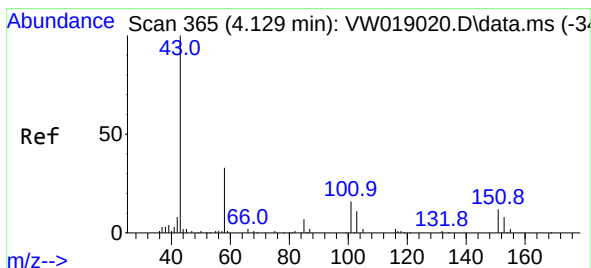
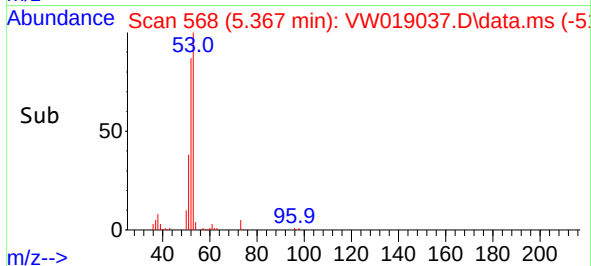
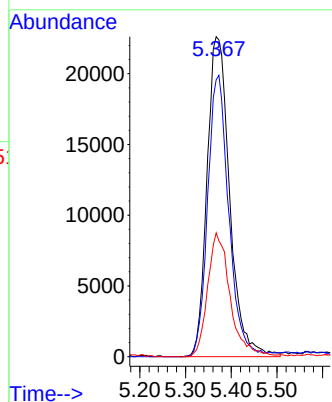
Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



Tgt Ion: 53 Resp: 77593

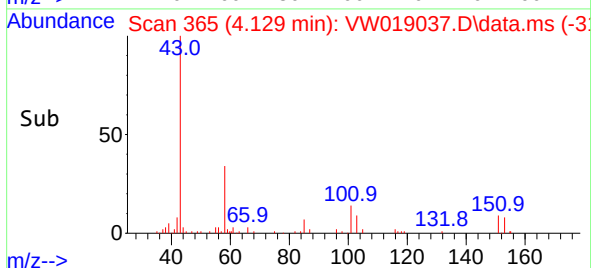
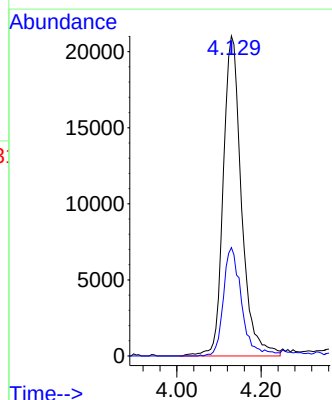
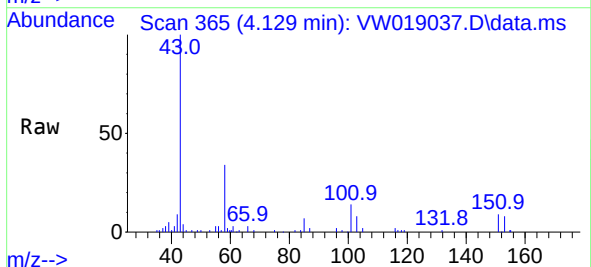
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.5	99.7
51	38.5	29.8	44.8

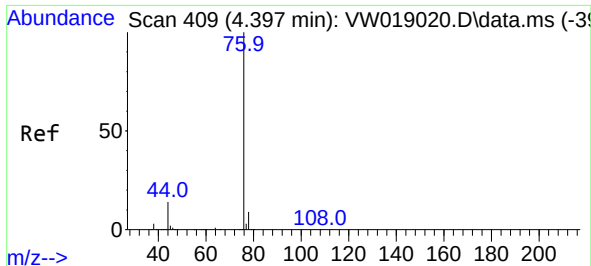


#16
Acetone
Concen: 112.65 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 63048

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.4	39.6





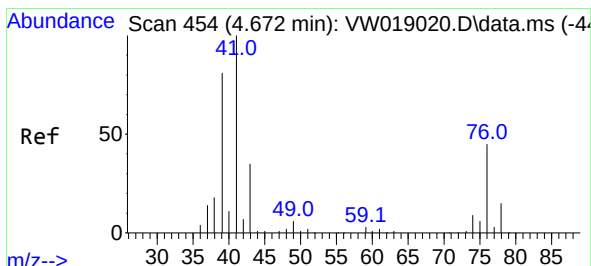
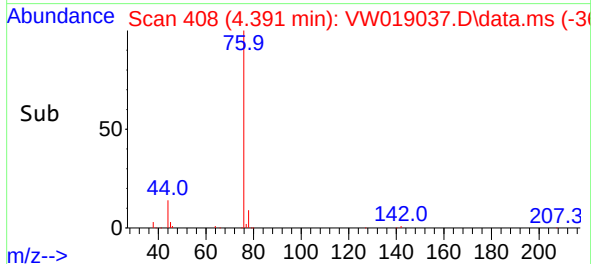
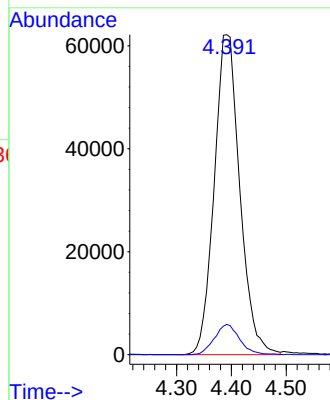
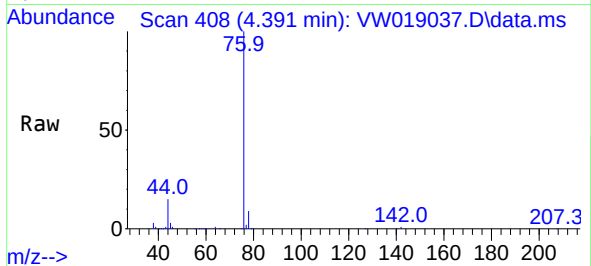
#17
Carbon Disulfide
Concen: 21.22 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 76 Resp: 201573
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

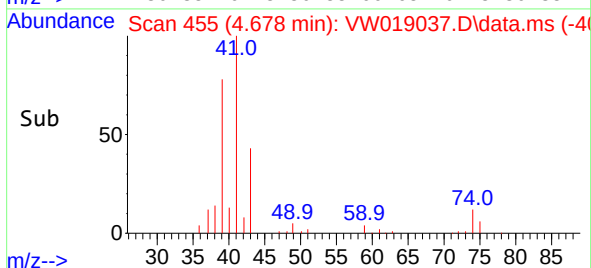
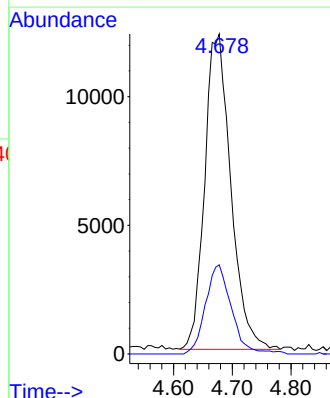
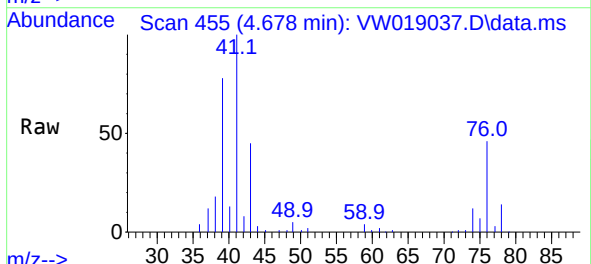
Manual Integrations
APPROVED

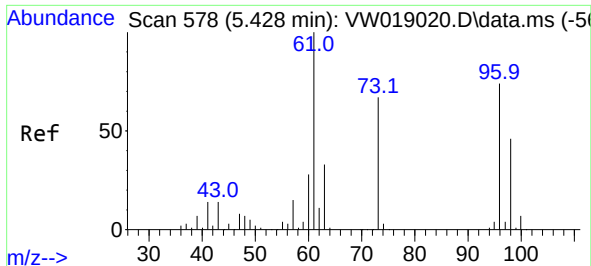
MMDadoda
5/20/2021 6:00:18 PM



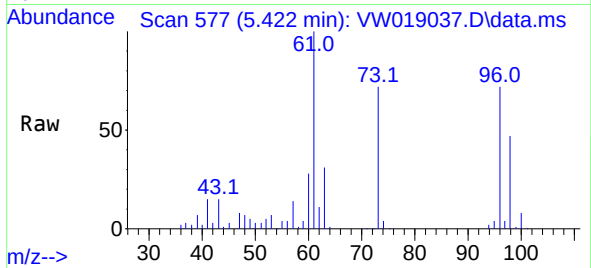
#18
Methyl Acetate
Concen: 23.03 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 37940
Ion Ratio Lower Upper
43 100
74 28.0 21.8 32.8

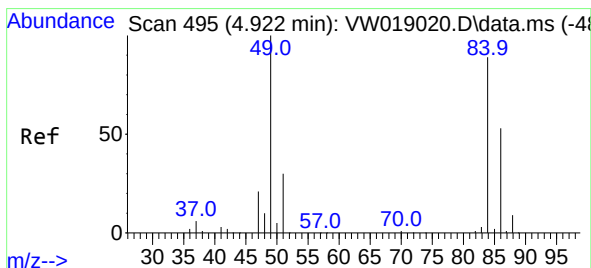
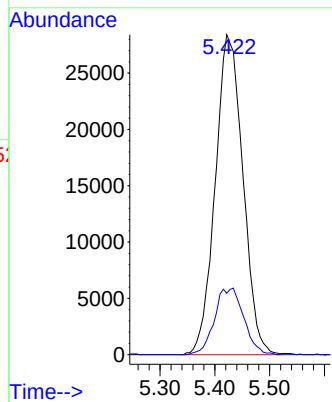
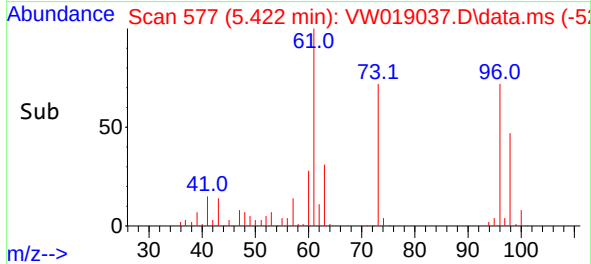




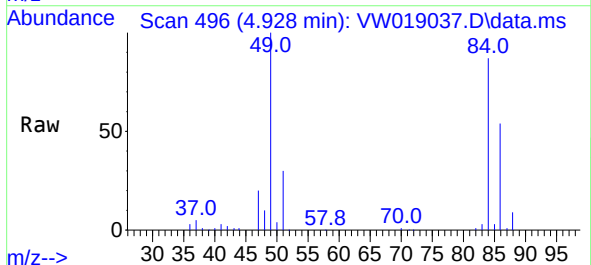
#19
Methyl tert-butyl Ether
Concen: 22.84 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



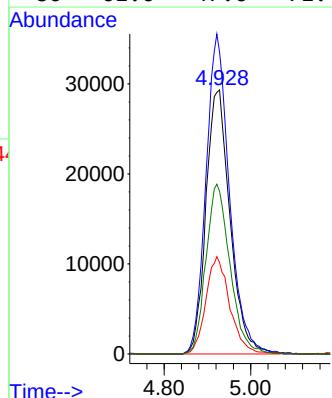
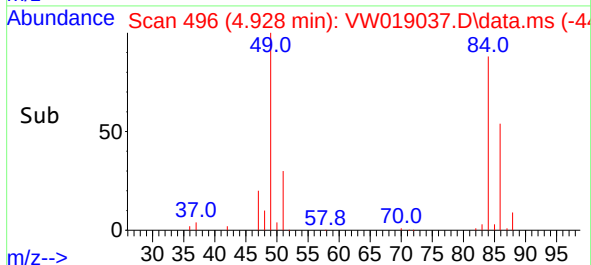
Tgt Ion: 73 Resp: 99664
Ion Ratio Lower Upper
73 100
57 19.2 17.4 26.0



#20
Methylene Chloride
Concen: 25.29 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



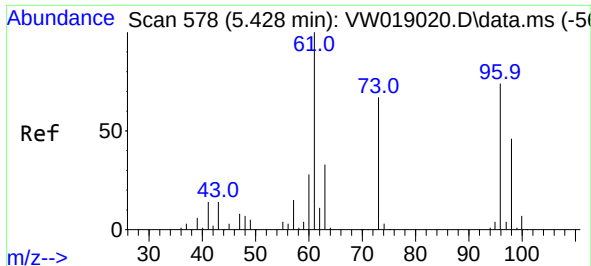
Tgt Ion: 84 Resp: 113669
Ion Ratio Lower Upper
84 100
49 114.3 90.4 135.6
51 34.6 27.1 40.7
86 61.6 47.6 71.4



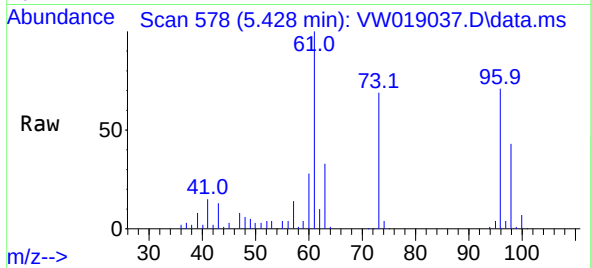
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

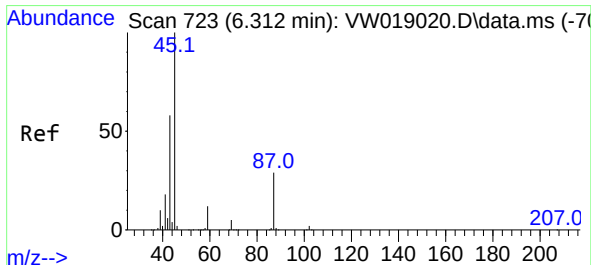
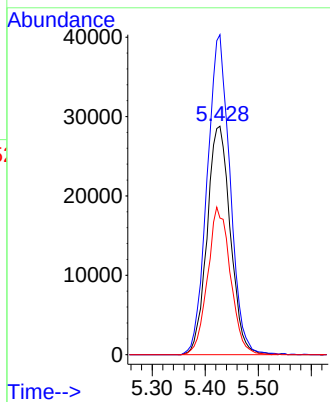
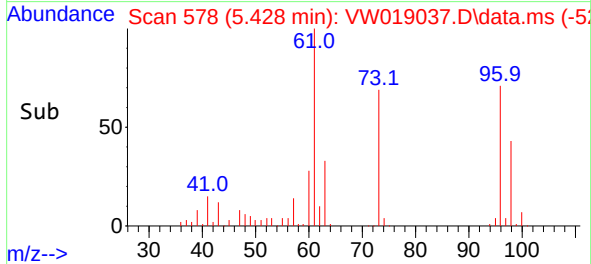
MMDadoda
5/20/2021 6:00:18 PM



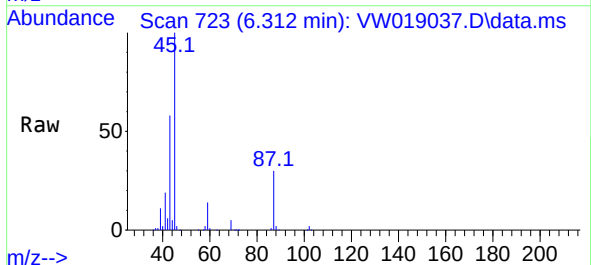
#21
trans-1,2-Dichloroethene
Concen: 22.09 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



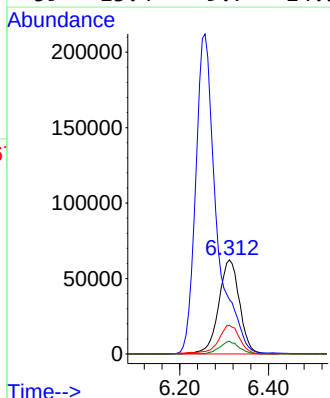
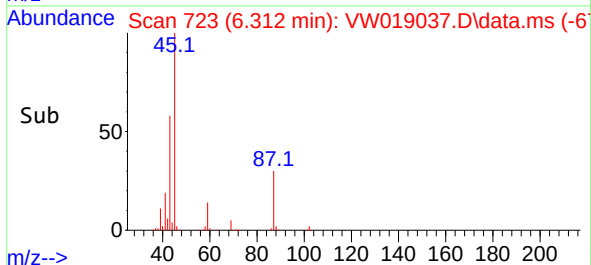
Tgt Ion: 96 Resp: 87716
Ion Ratio Lower Upper
96 100
61 140.0 108.5 162.7
98 59.8 49.4 74.0



#22
Diisopropyl ether
Concen: 22.02 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



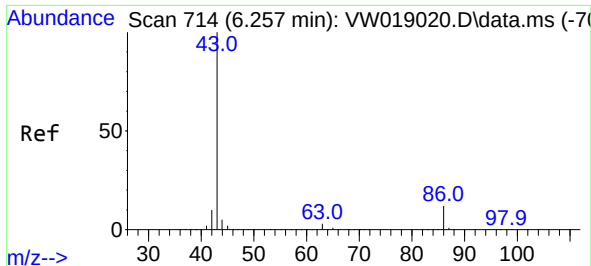
Tgt Ion: 45 Resp: 202561
Ion Ratio Lower Upper
45 100
43 57.1 46.1 69.1
87 30.3 23.4 35.2
59 13.4 9.7 14.5



Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



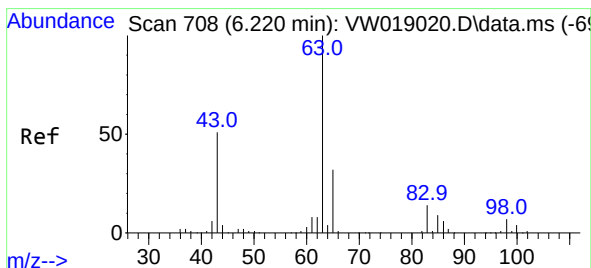
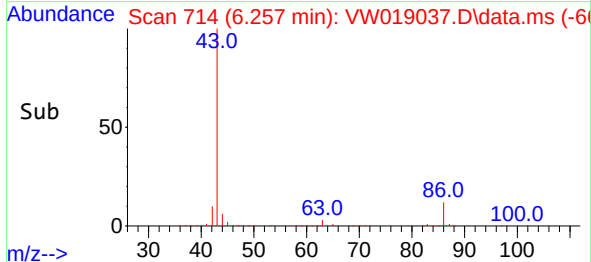
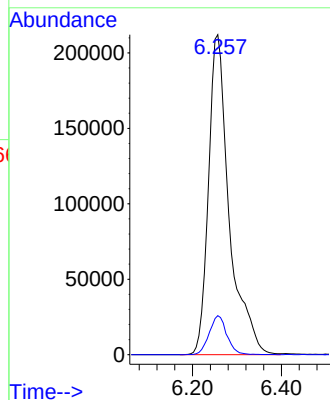
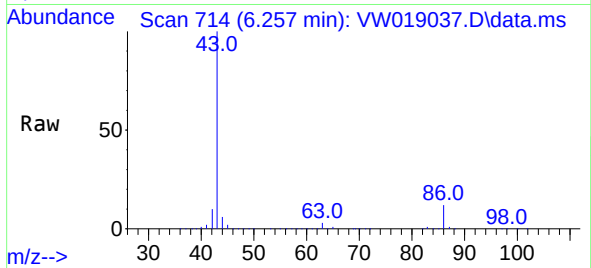
#23
Vinyl Acetate
Concen: 111.25 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 688677
Ion Ratio Lower Upper
43 100
86 12.2 9.6 14.4

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBS01

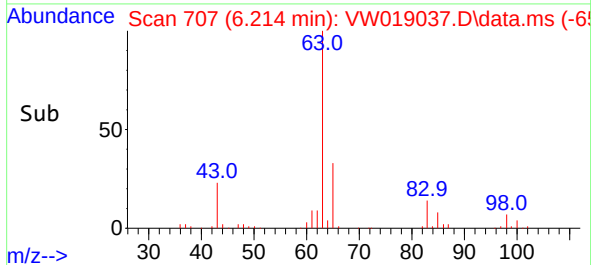
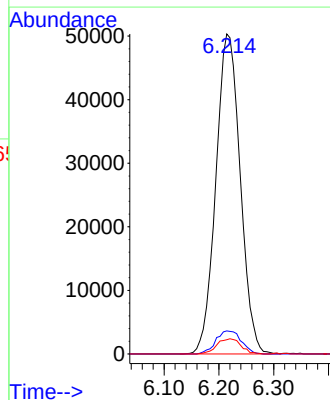
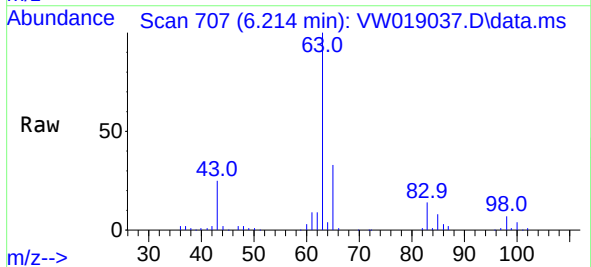
Manual Integrations
APPROVED

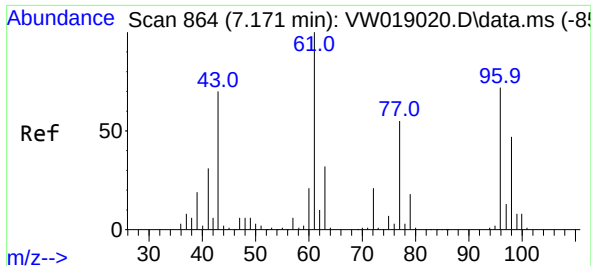
MMDadoda
5/20/2021 6:00:18 PM



#24
1,1-Dichloroethane
Concen: 21.83 ug/l
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 63 Resp: 155547
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.9
100 4.5 2.3 6.8





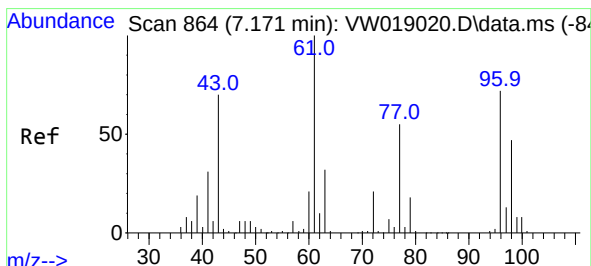
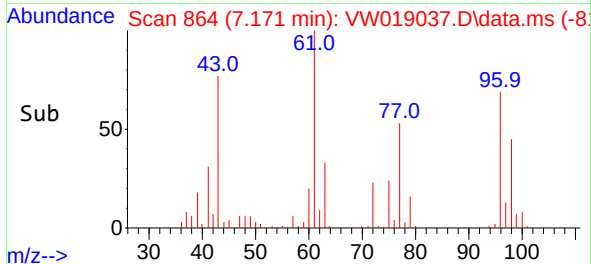
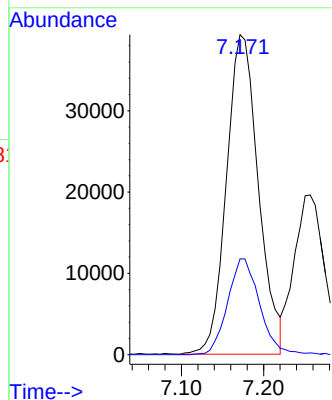
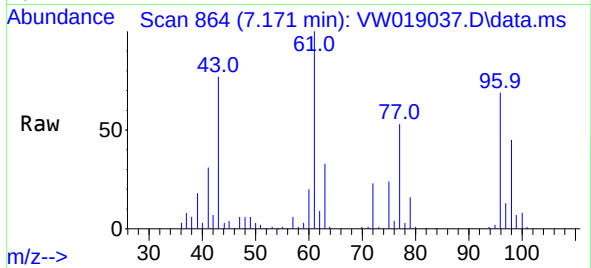
#25
2-Butanone
Concen: 115.50 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 106190
Ion Ratio Lower Upper
43 100
72 30.0 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

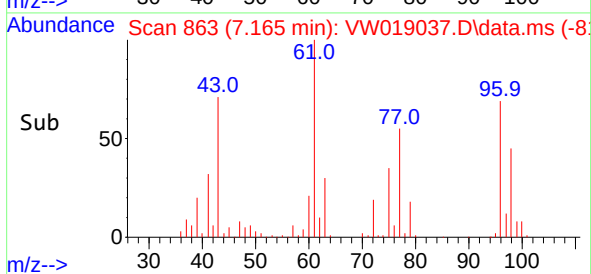
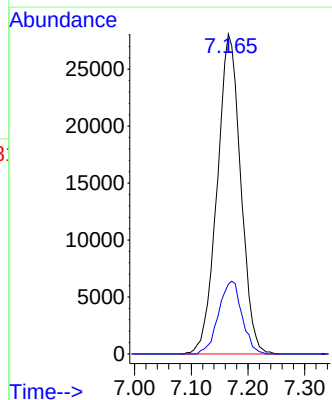
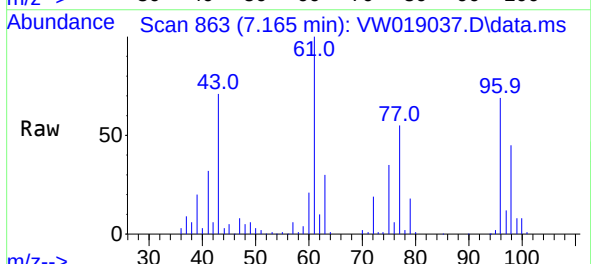
Manual Integrations
APPROVED

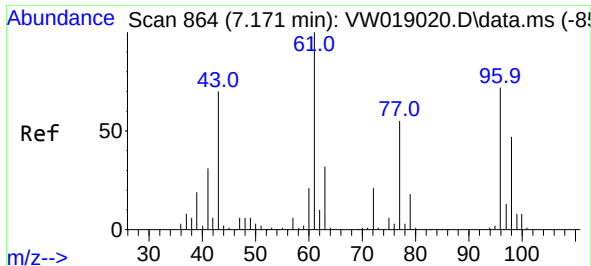
MMDadoda
5/20/2021 6:00:18 PM



#26
2,2-Dichloropropane
Concen: 21.09 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 77 Resp: 80953
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.3





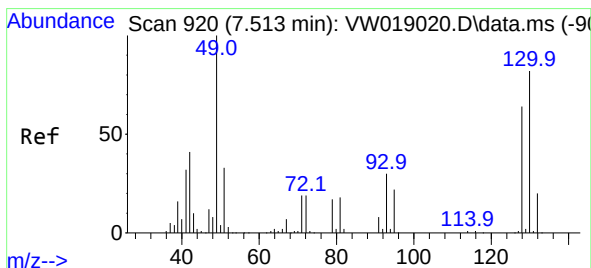
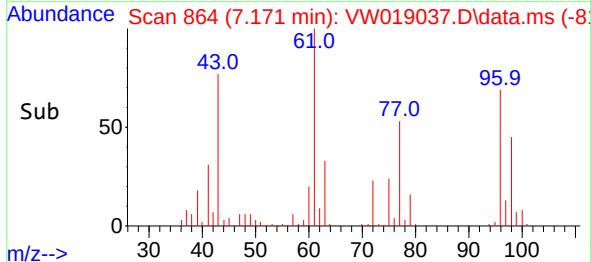
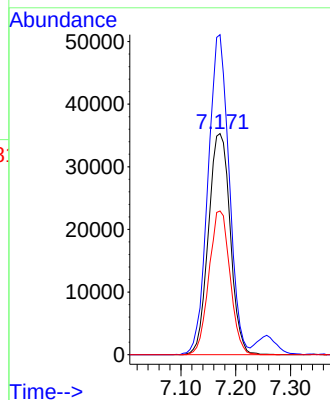
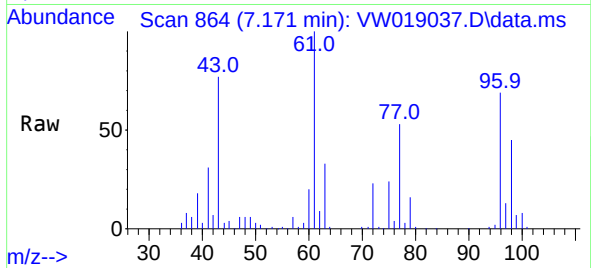
#27
cis-1,2-Dichloroethene
Concen: 22.06 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 96 Resp: 97224
Ion Ratio Lower Upper
96 100
61 140.6 0.0 281.2
98 62.9 0.0 127.4

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

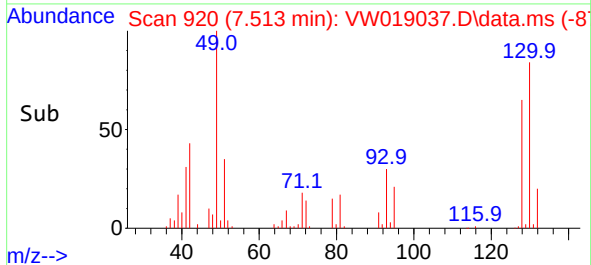
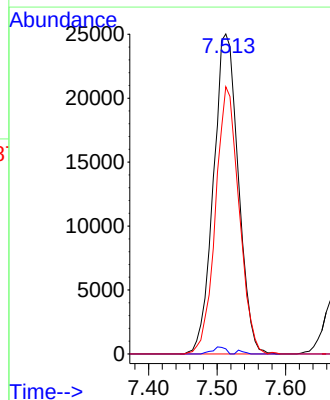
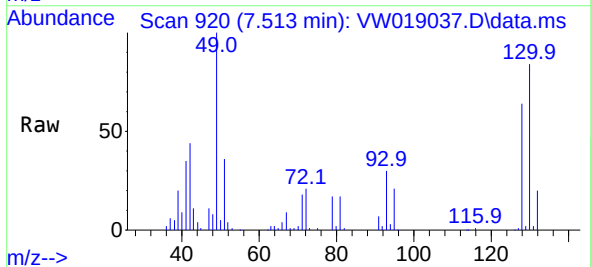
Manual Integrations
APPROVED

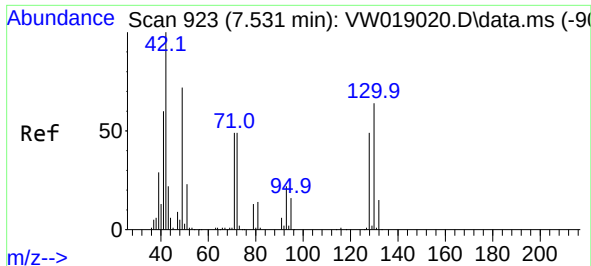
MMDadoda
5/20/2021 6:00:18 PM



#28
Bromochloromethane
Concen: 21.78 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 49 Resp: 63129
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.4
130 78.8 63.0 94.4





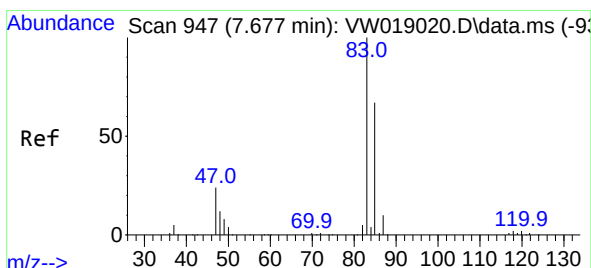
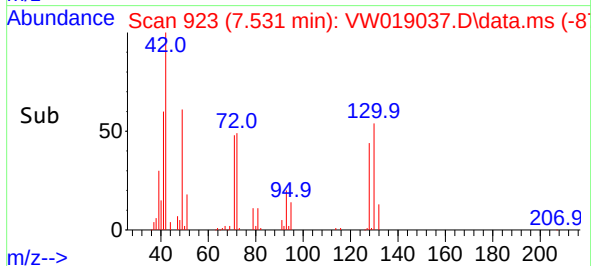
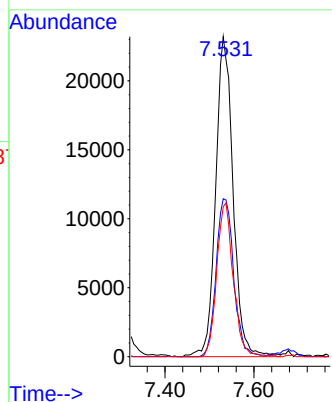
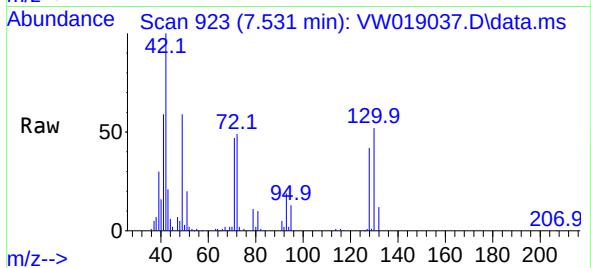
#29
Tetrahydrofuran
Concen: 117.25 ug/l
RT: 7.531 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:	42	Resp:	63041
Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.1	60.1
71	45.4	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

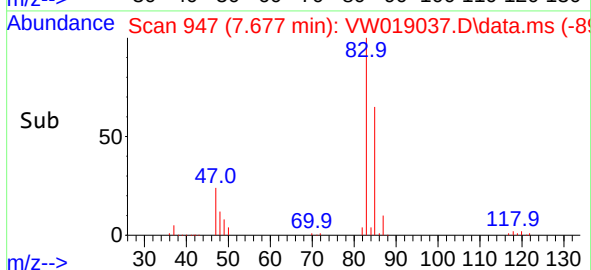
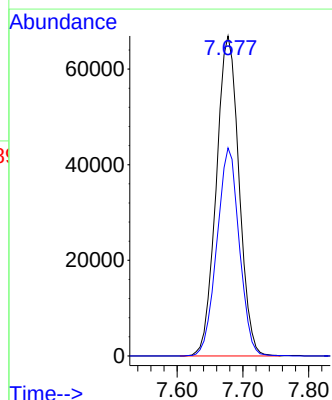
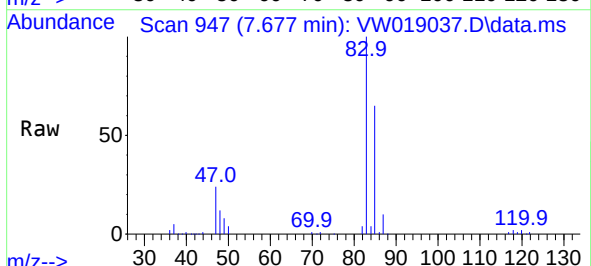
Manual Integrations
APPROVED

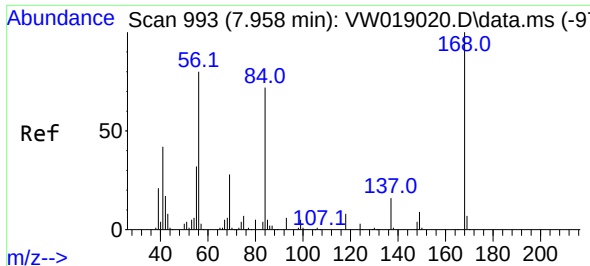
MMDadoda
5/20/2021 6:00:18 PM



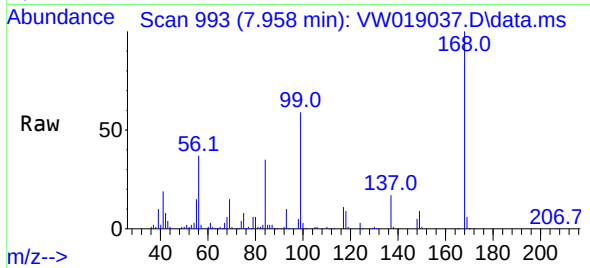
#30
Chloroform
Concen: 22.25 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:	83	Resp:	161171
Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0

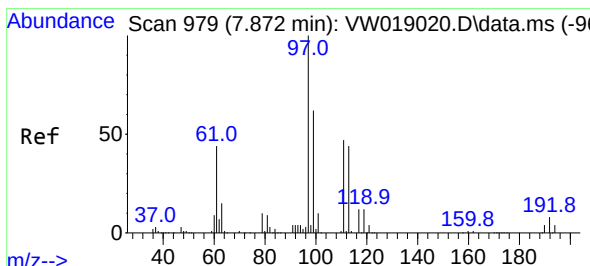
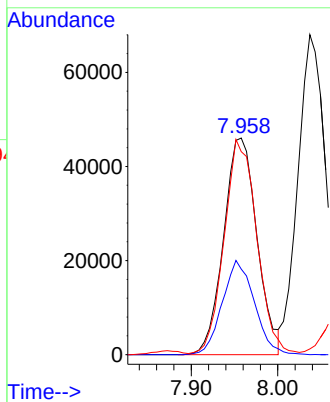
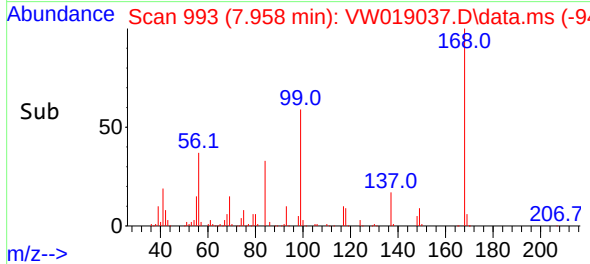




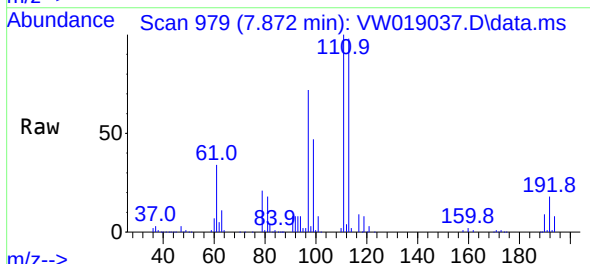
#31
Cyclohexane
Concen: 20.74 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



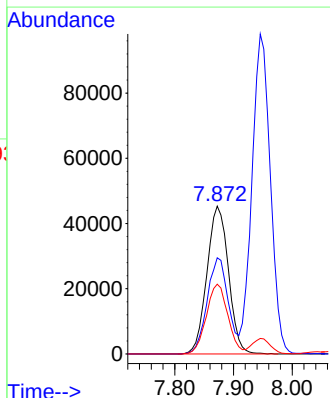
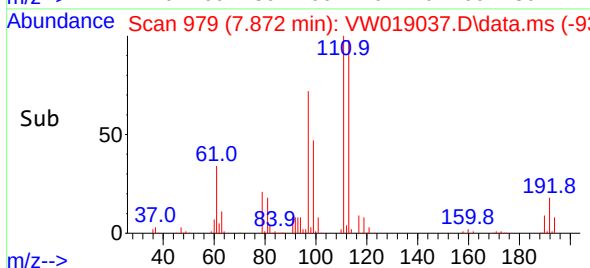
Tgt Ion: 56 Resp: 123546
Ion Ratio Lower Upper
56 100
69 39.5 28.4 42.6
84 92.3 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 21.47 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



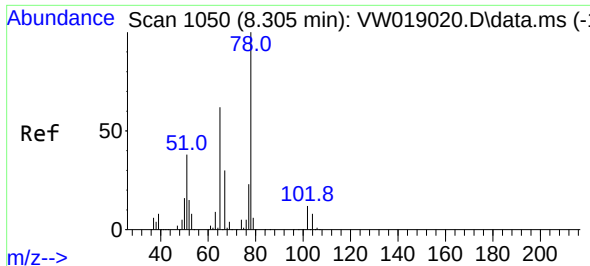
Tgt Ion: 97 Resp: 115475
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.4
61 47.0 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



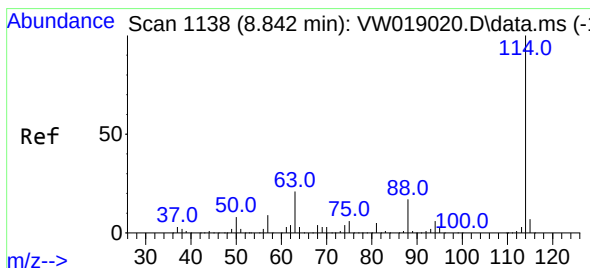
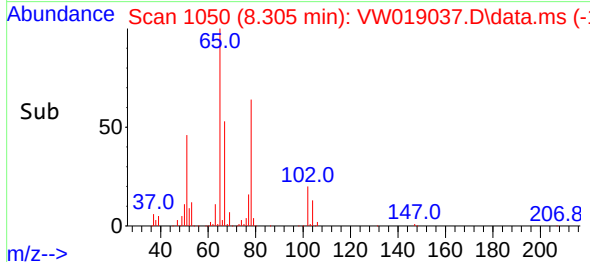
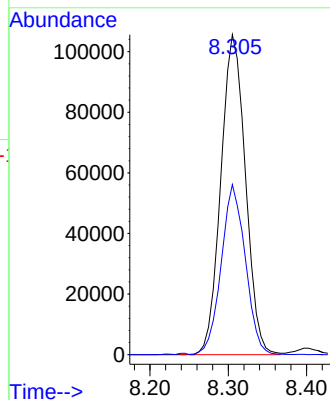
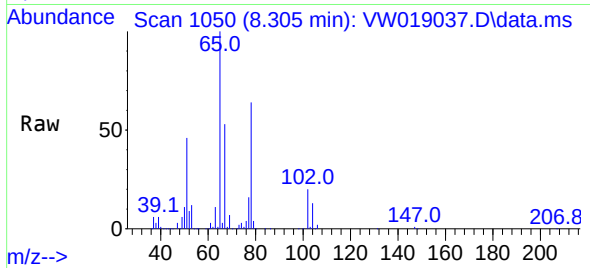
#33
1,2-Dichloroethane-d4
Concen: 58.89 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 65 Resp: 230733
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

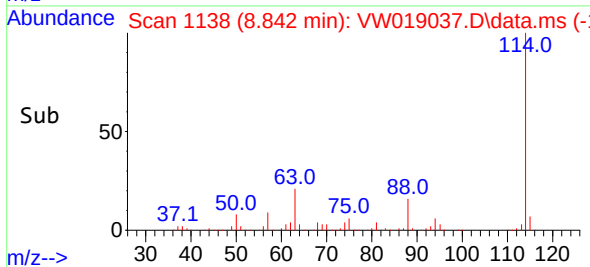
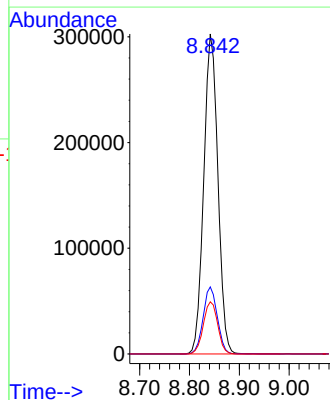
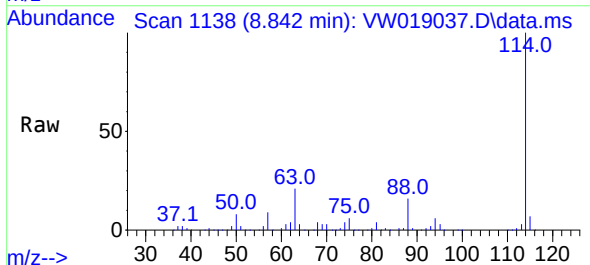
Manual Integrations
APPROVED

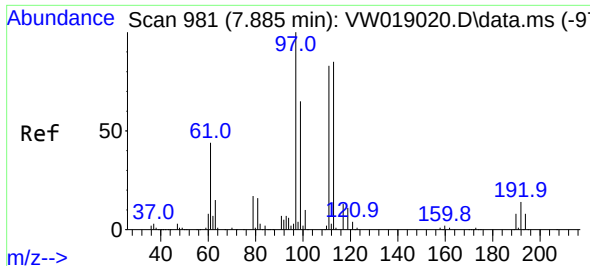
MMDadoda
5/20/2021 6:00:18 PM



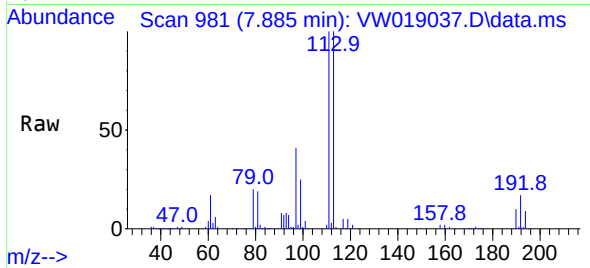
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 114 Resp: 595372
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 16.3 0.0 33.2

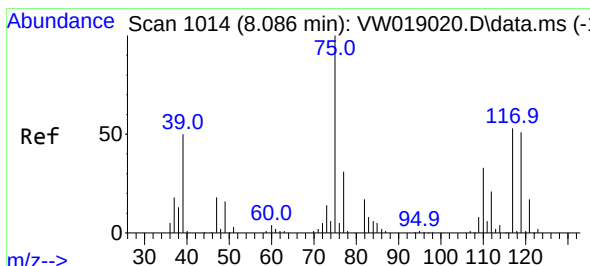
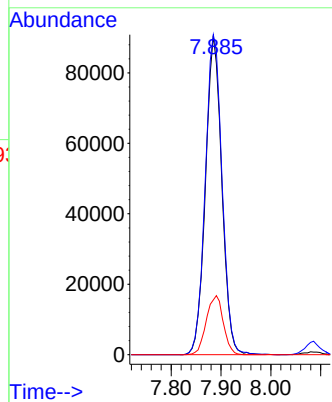
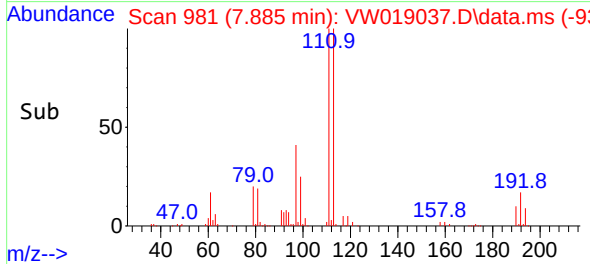




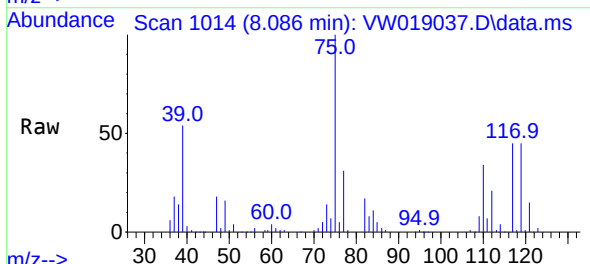
#35
Dibromofluoromethane
Concen: 55.04 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



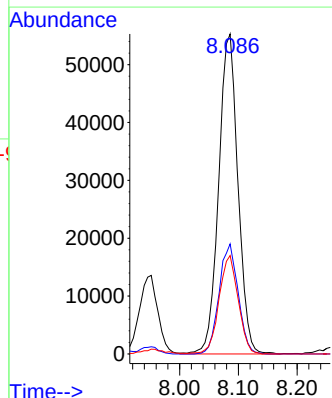
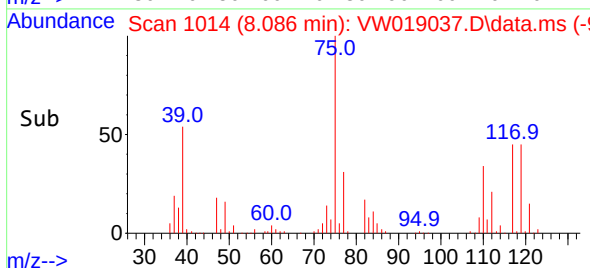
Tgt Ion: 113 Resp: 205428
Ion Ratio Lower Upper
113 100
111 103.7 82.3 123.5
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 21.26 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



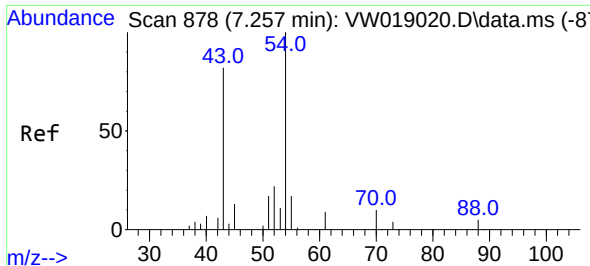
Tgt Ion: 75 Resp: 126042
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 30.6 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

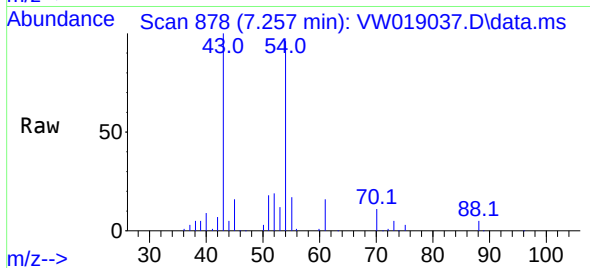
Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



#37
Ethyl Acetate
Concen: 22.61 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

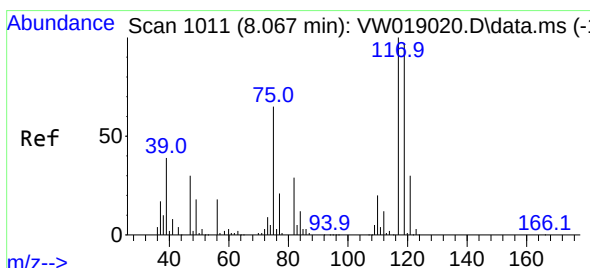
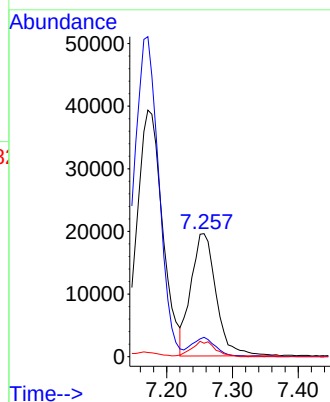
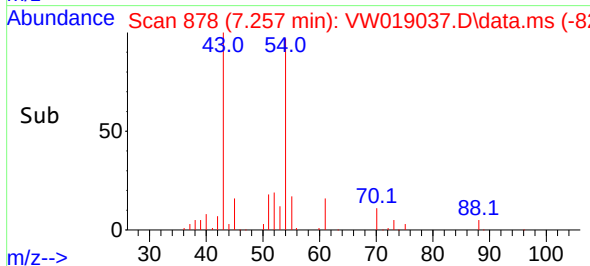


Tgt Ion: 43 Resp: 51855

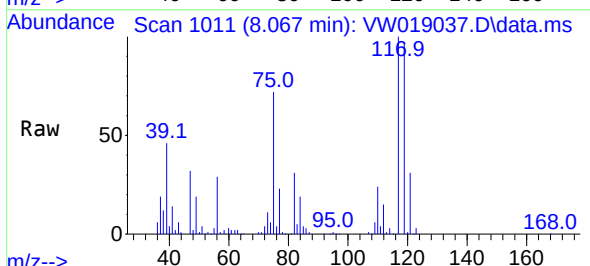
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.4
70	11.9	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM

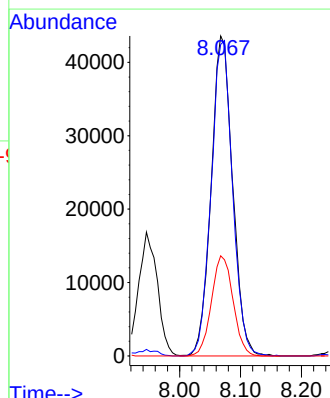
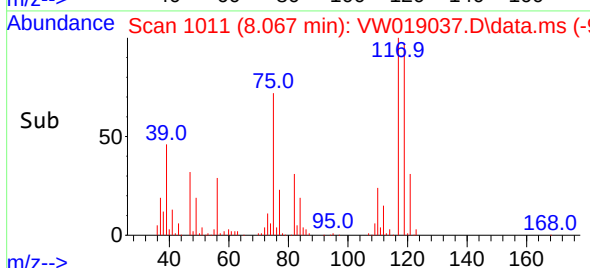


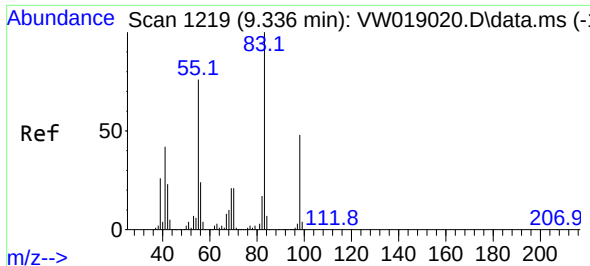
#38
Carbon Tetrachloride
Concen: 20.39 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 117 Resp: 106547

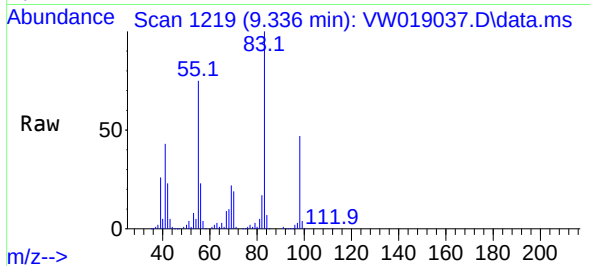
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
121	31.3	23.6	35.4





#39
Methylcyclohexane
Concen: 20.67 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

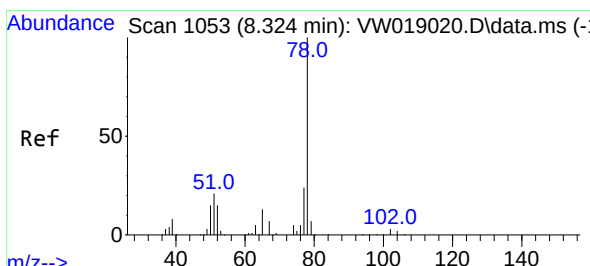
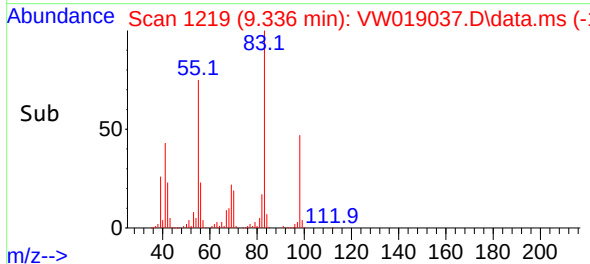
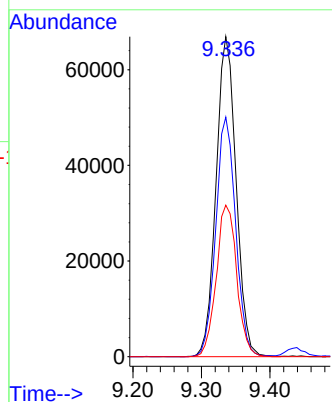
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



Tgt Ion: 83 Resp: 135585
Ion Ratio Lower Upper
83 100
55 74.8 60.9 91.3
98 47.4 38.4 57.6

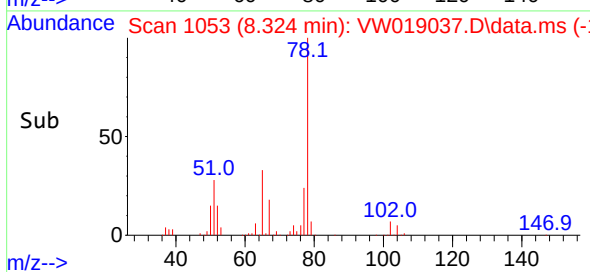
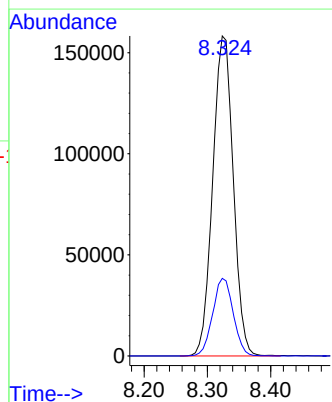
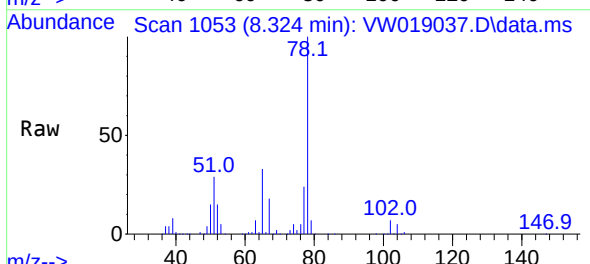
Manual Integrations
APPROVED

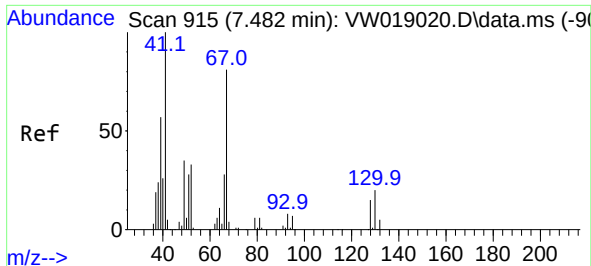
MMDadoda
5/20/2021 6:00:18 PM



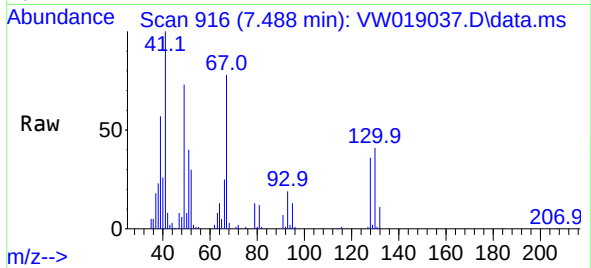
#40
Benzene
Concen: 21.51 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 78 Resp: 356418
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



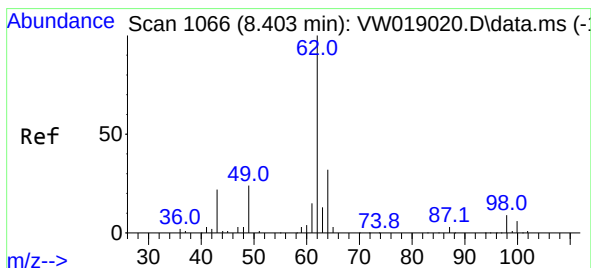
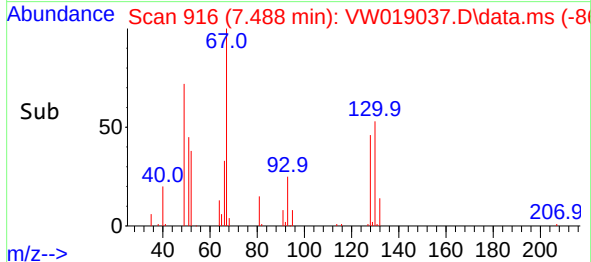
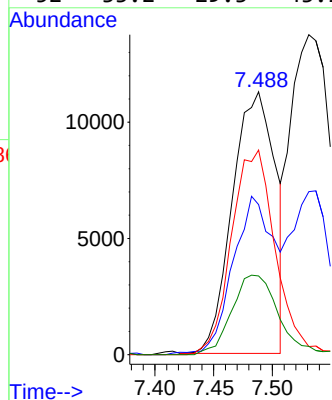


#41
Methacrylonitrile
Concen: 22.82 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

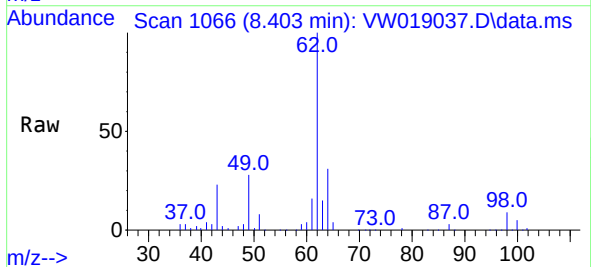


Tgt Ion: 41 Resp: 28577

Ion	Ratio	Lower	Upper
41	100		
39	58.4	50.1	75.1
67	80.1	69.0	103.4
52	33.2	29.3	43.9

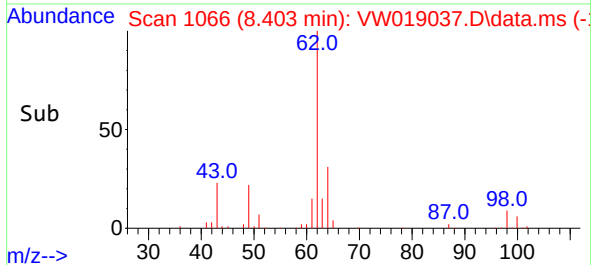
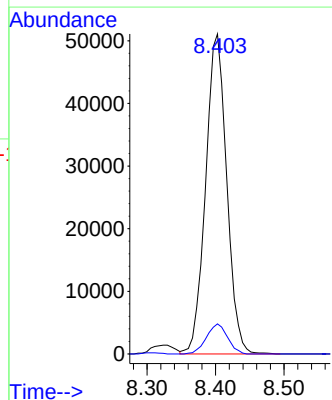


#42
1,2-Dichloroethane
Concen: 22.24 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 62 Resp: 109280

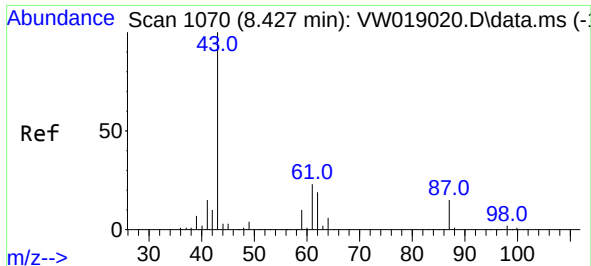
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



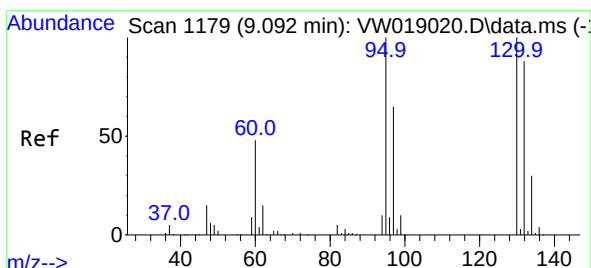
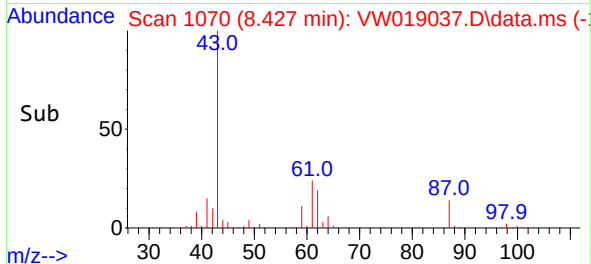
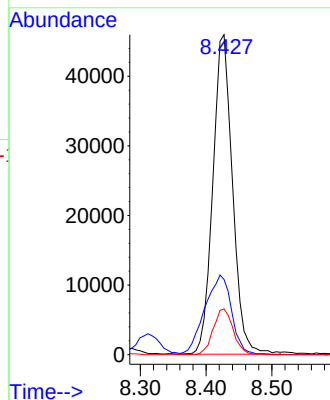
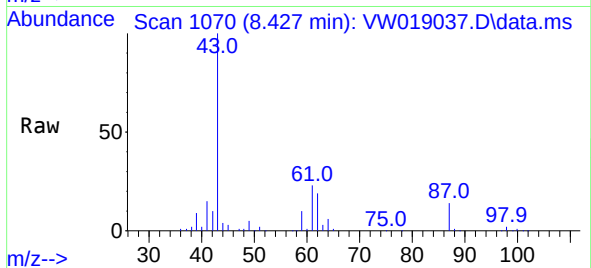
#43
Isopropyl Acetate
Concen: 22.38 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 95750
Ion Ratio Lower Upper
43 100
61 33.9 27.0 40.6
87 14.5 11.6 17.4

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

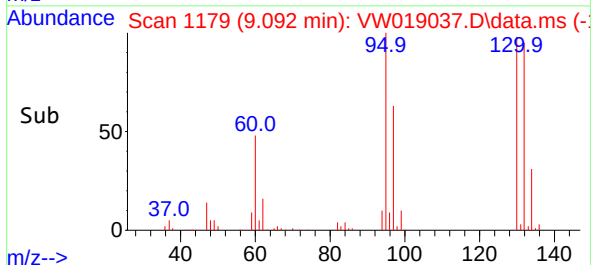
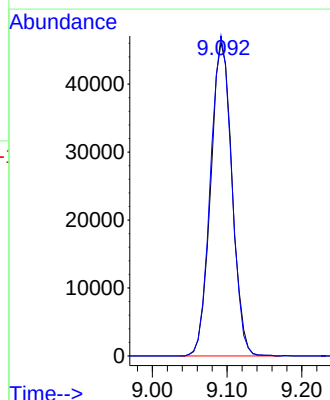
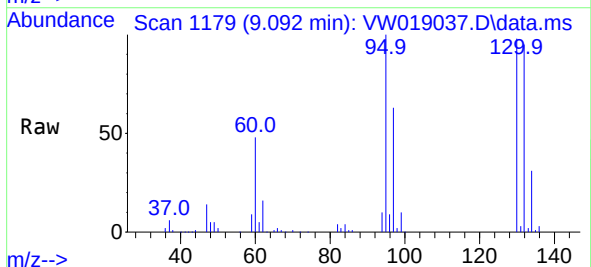
Manual Integrations
APPROVED

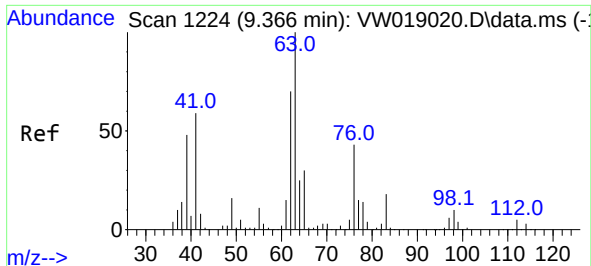
MMDadoda
5/20/2021 6:00:18 PM



#44
Trichloroethene
Concen: 21.44 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:130 Resp: 91613
Ion Ratio Lower Upper
130 100
95 102.2 0.0 199.0





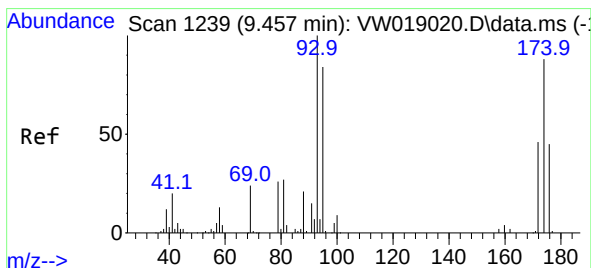
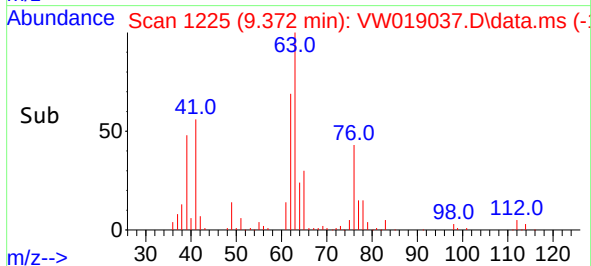
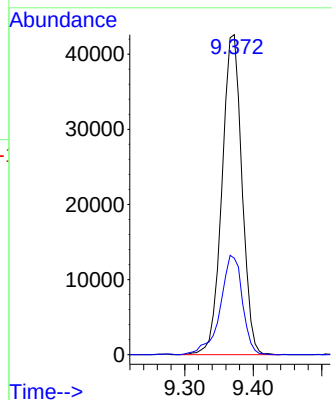
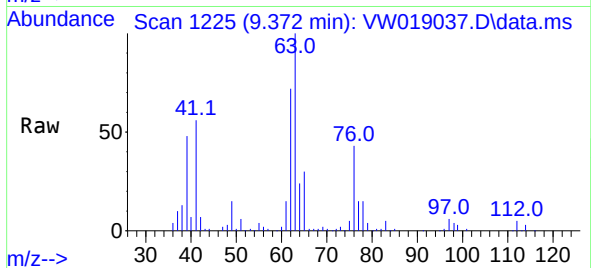
#45
1,2-Dichloropropane
Concen: 21.42 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 63 Resp: 85865
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

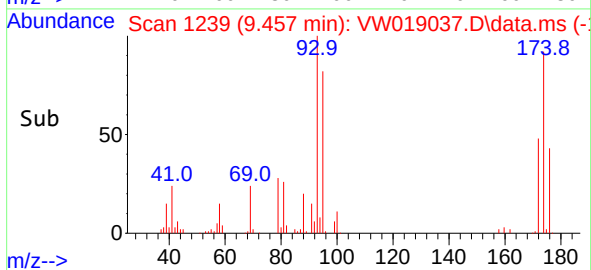
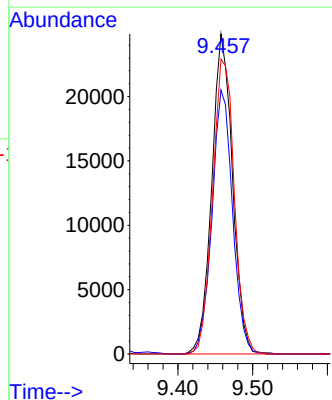
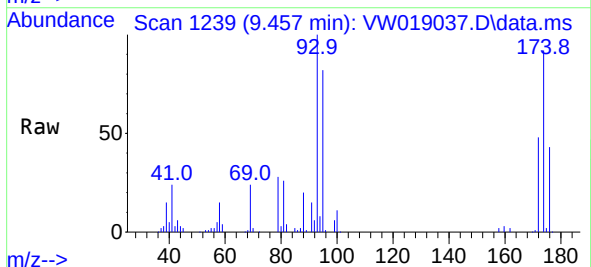
Manual Integrations
APPROVED

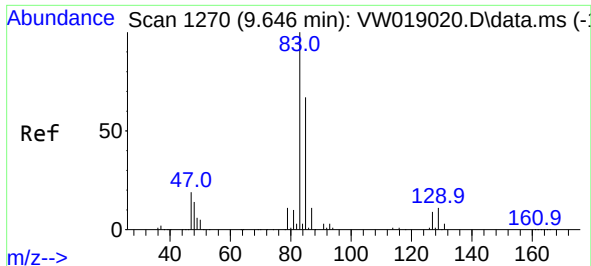
MMDadoda
5/20/2021 6:00:18 PM



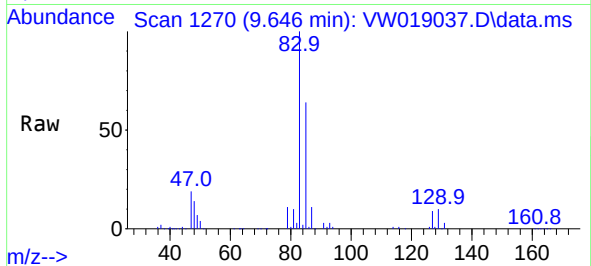
#46
Dibromomethane
Concen: 22.06 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 93 Resp: 48024
Ion Ratio Lower Upper
93 100
95 81.8 66.7 100.1
174 96.1 75.3 112.9

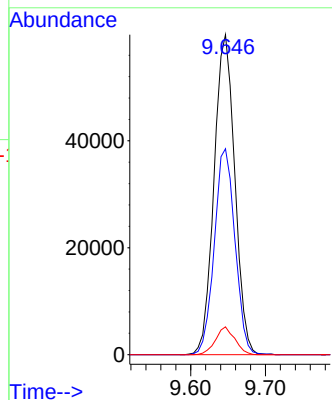




#47
Bromodichloromethane
Concen: 21.32 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



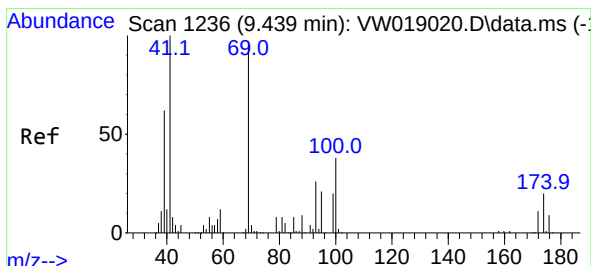
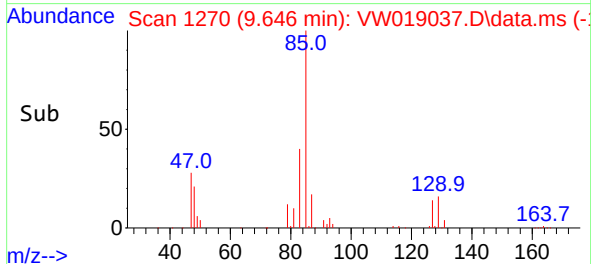
Tgt Ion: 83 Resp: 115343
Ion Ratio Lower Upper
83 100
85 64.3 53.4 80.2
127 8.7 7.0 10.6



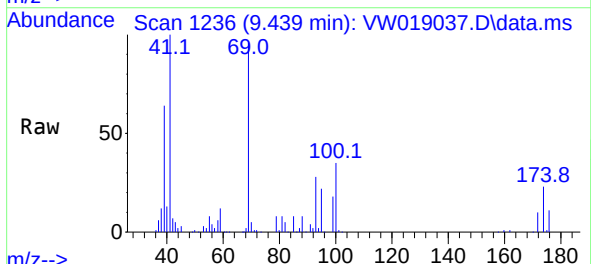
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBS01

Manual Integrations
APPROVED

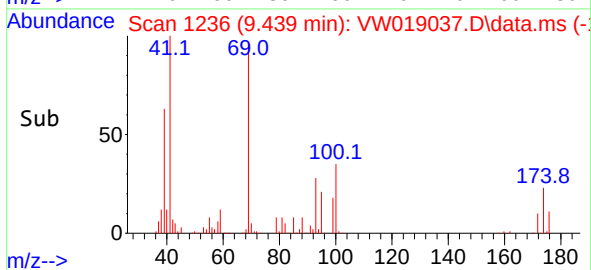
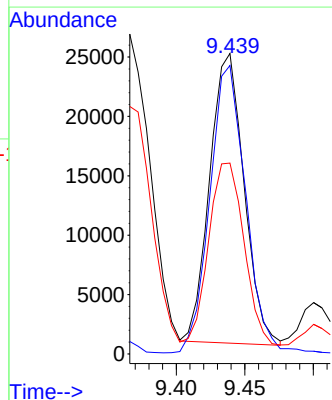
MMDadoda
5/20/2021 6:00:18 PM

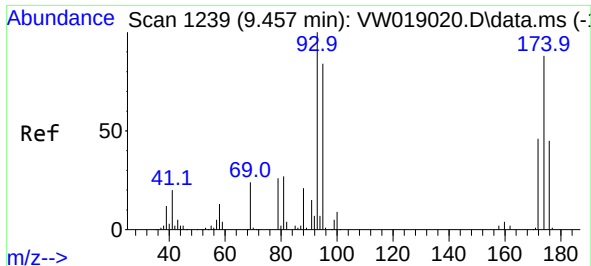


#48
Methyl methacrylate
Concen: 21.62 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



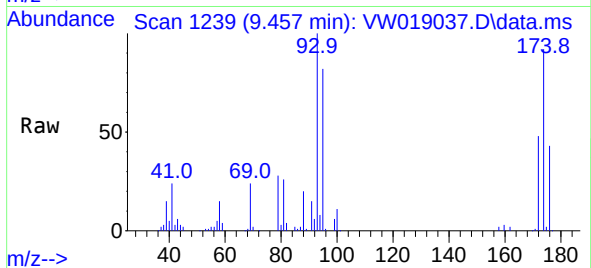
Tgt Ion: 41 Resp: 42474
Ion Ratio Lower Upper
41 100
69 104.2 80.2 120.2
39 72.0 51.5 77.3





#49
1,4-Dioxane
Concen: 450.72 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

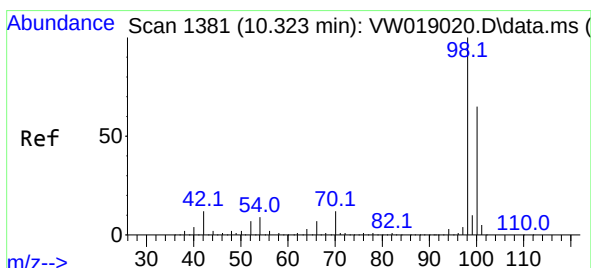
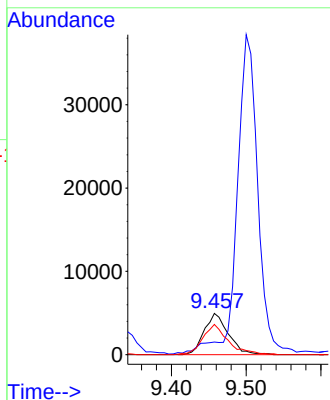
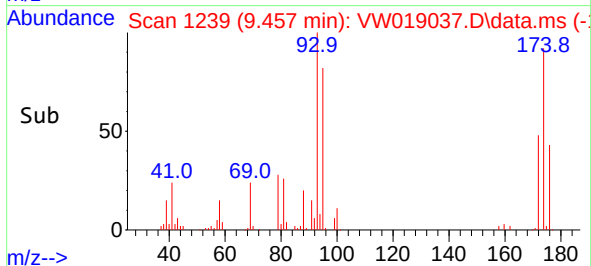
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



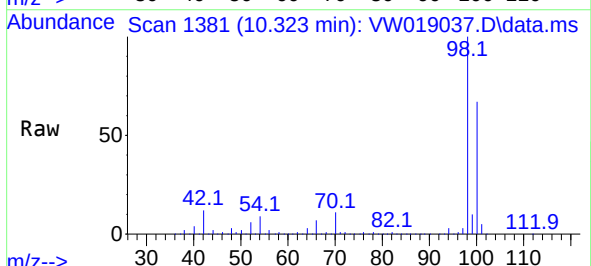
Tgt Ion: 88 Resp: 11183
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 76.8 55.4 83.2

Manual Integrations
APPROVED

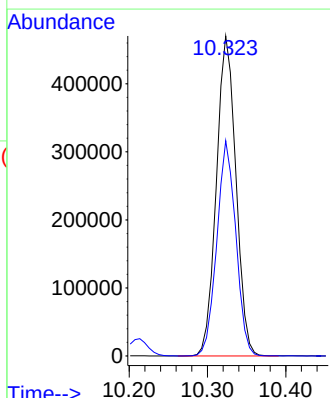
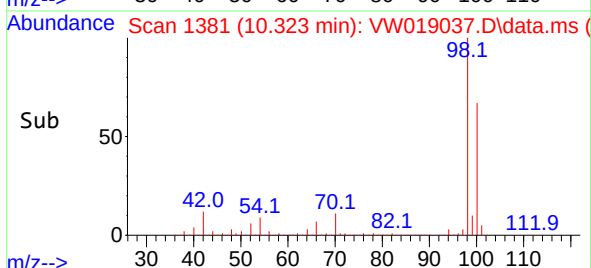
MMDadoda
5/20/2021 6:00:18 PM

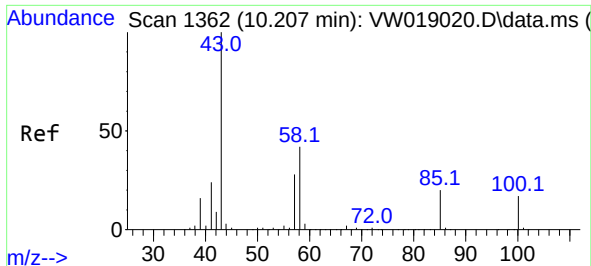


#50
Toluene-d8
Concen: 55.15 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 98 Resp: 816424
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





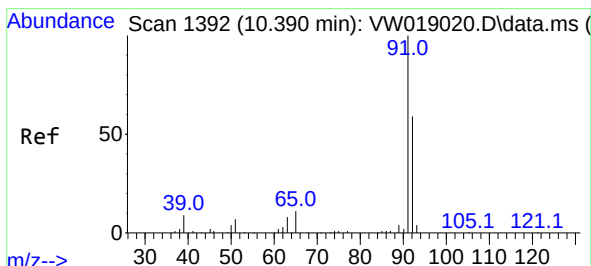
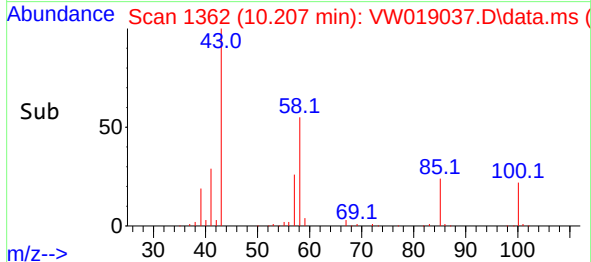
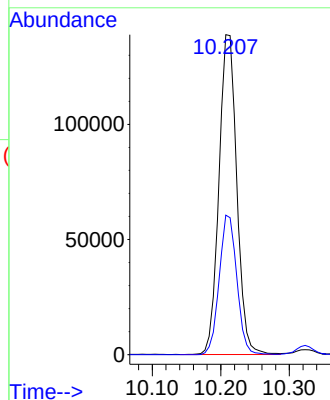
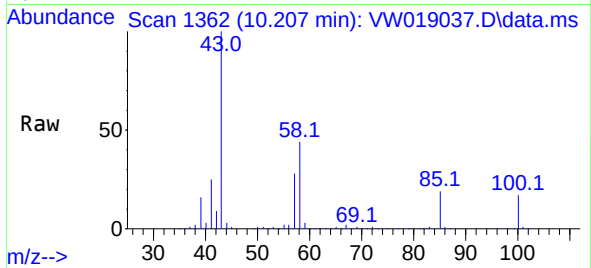
#51
4-Methyl-2-Pentanone
Concen: 113.12 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 250711
Ion Ratio Lower Upper
43 100
58 43.0 34.2 51.4

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

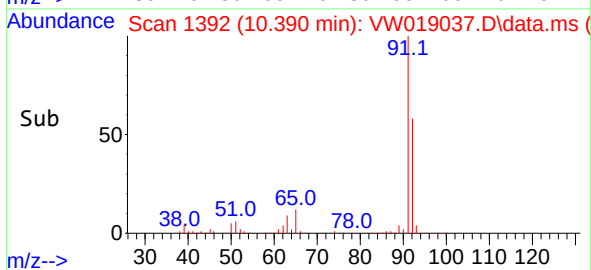
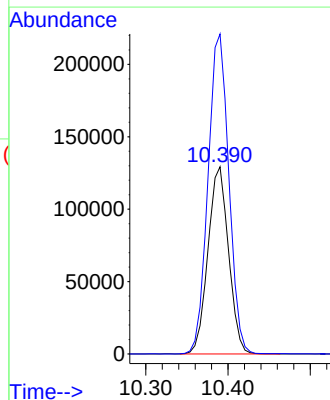
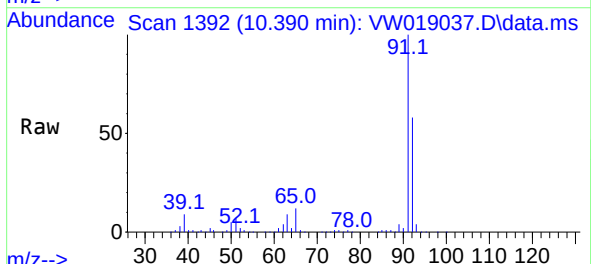
Manual Integrations
APPROVED

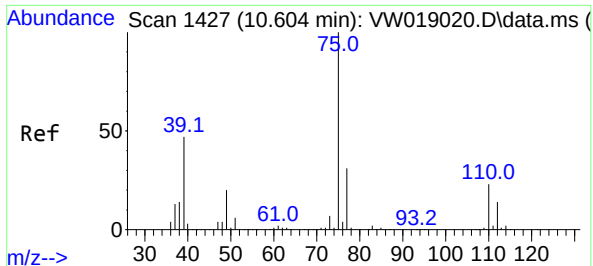
MMDadoda
5/20/2021 6:00:18 PM



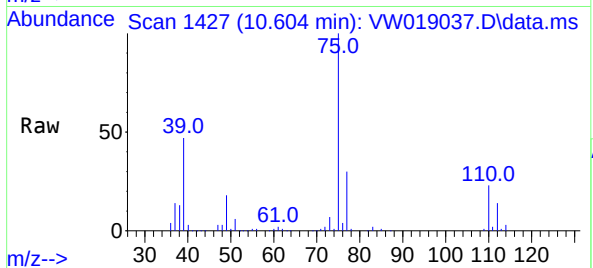
#52
Toluene
Concen: 21.39 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 92 Resp: 224705
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

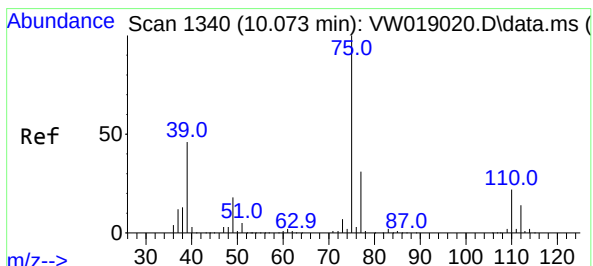
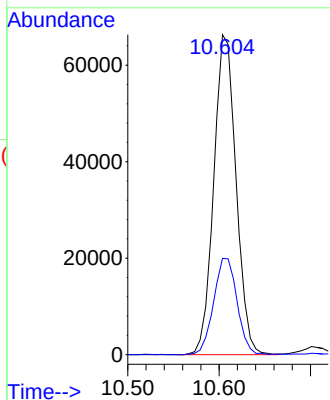
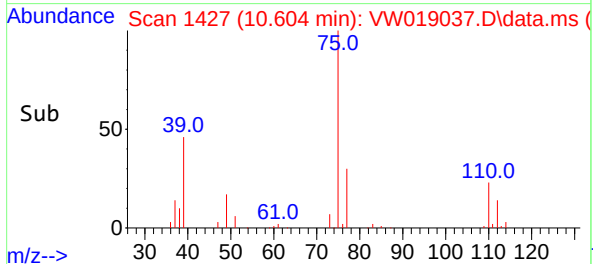




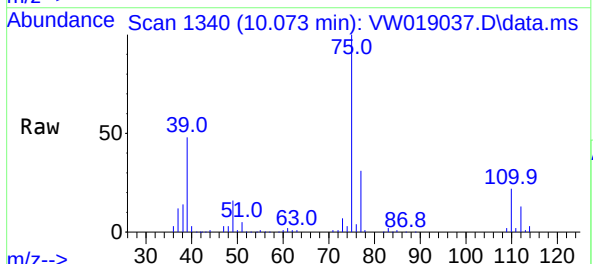
#53
t-1,3-Dichloropropene
Concen: 21.14 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



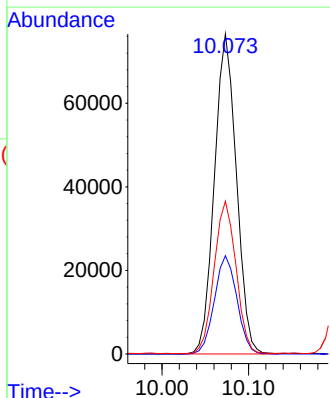
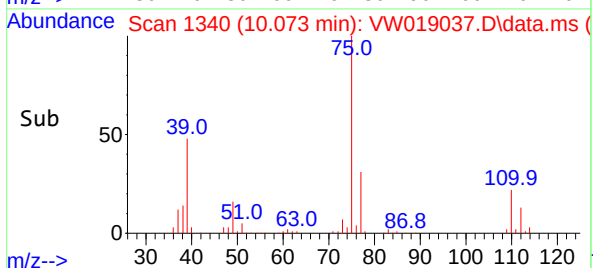
Tgt Ion: 75 Resp: 112517
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 21.30 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



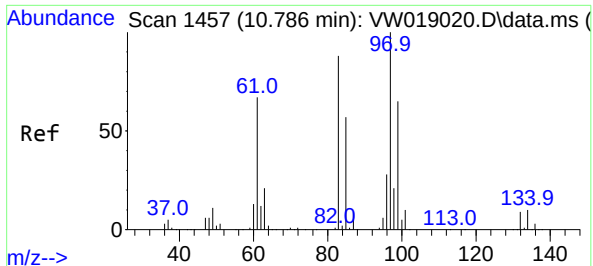
Tgt Ion: 75 Resp: 134989
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 47.6 36.9 55.3



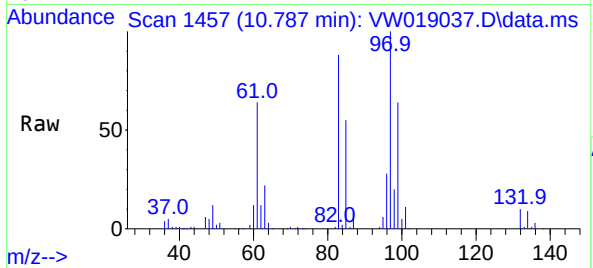
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM

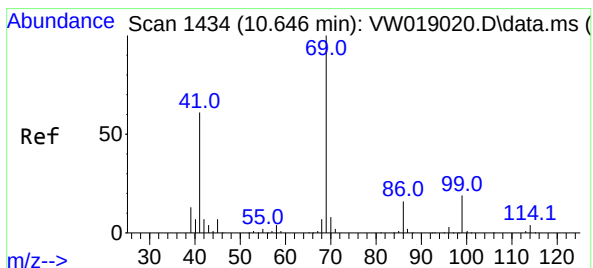
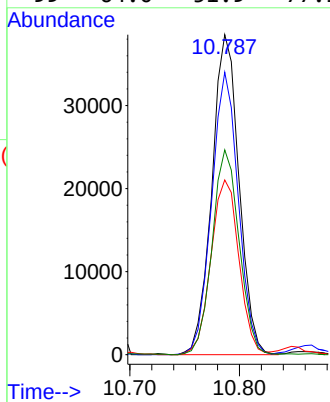
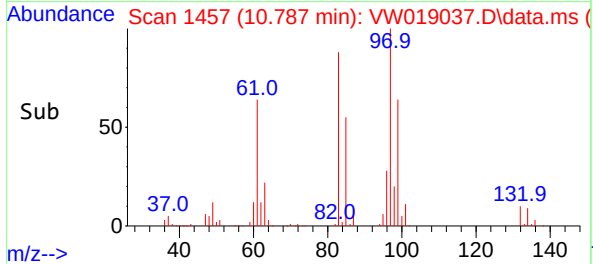


#55
1,1,2-Trichloroethane
Concen: 22.01 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

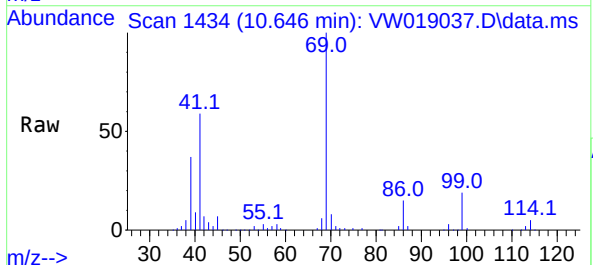


Tgt Ion: 97 Resp: 66222

Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.6	106.0
85	54.6	45.8	68.6
99	64.0	51.9	77.9

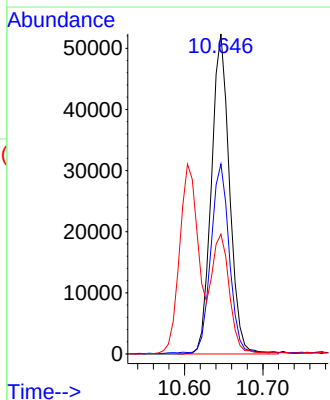
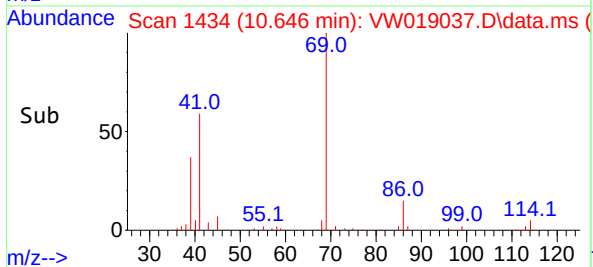


#56
Ethyl methacrylate
Concen: 22.24 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 69 Resp: 84032

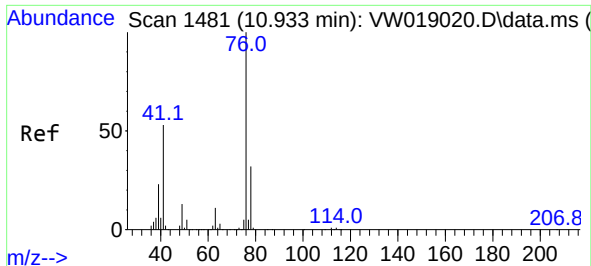
Ion	Ratio	Lower	Upper
69	100		
41	61.2	48.7	73.1
39	35.0	29.0	43.4



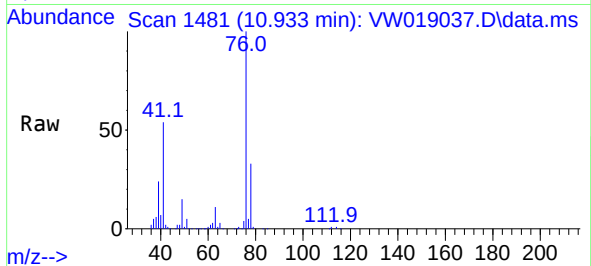
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

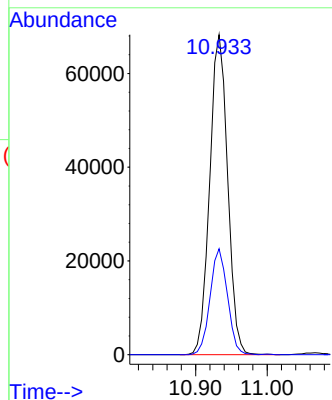
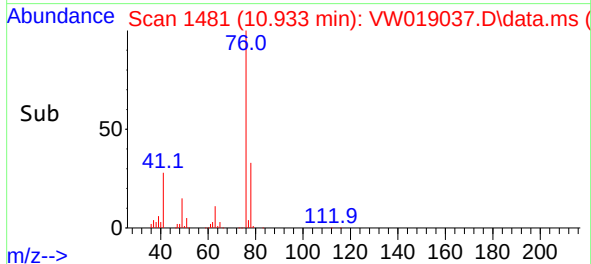
MMDadoda
5/20/2021 6:00:18 PM



#57
1,3-Dichloropropane
Concen: 22.09 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



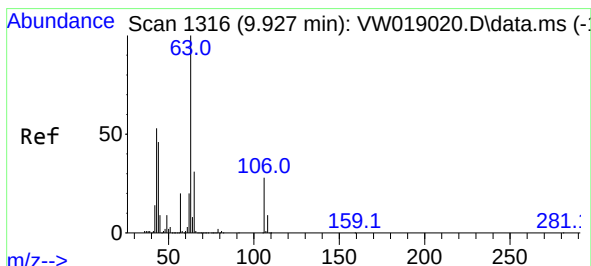
Tgt Ion: 76 Resp: 118879
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3



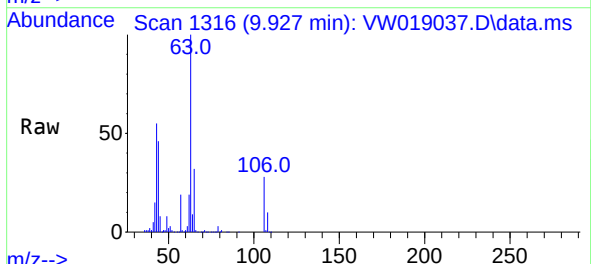
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

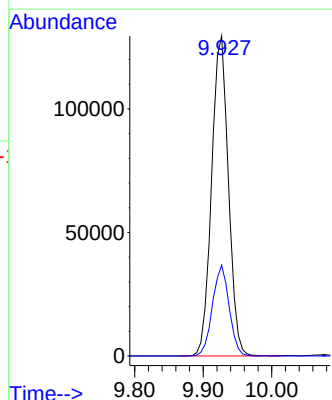
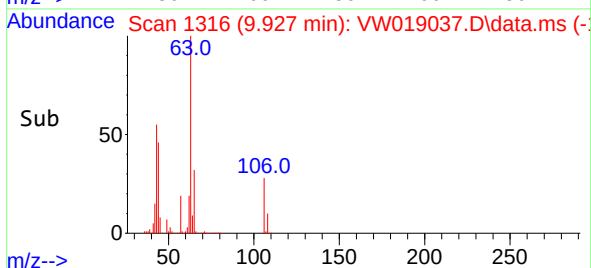
MMDadoda
5/20/2021 6:00:18 PM

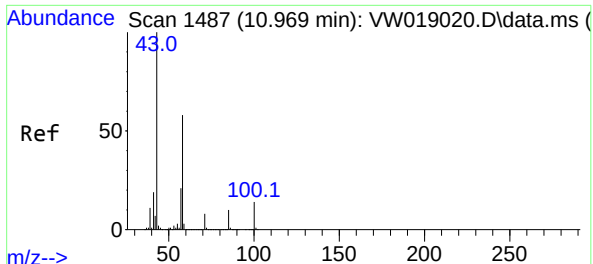


#58
2-Chloroethyl Vinyl ether
Concen: 113.01 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 63 Resp: 220831
Ion Ratio Lower Upper
63 100
106 28.0 22.3 33.5





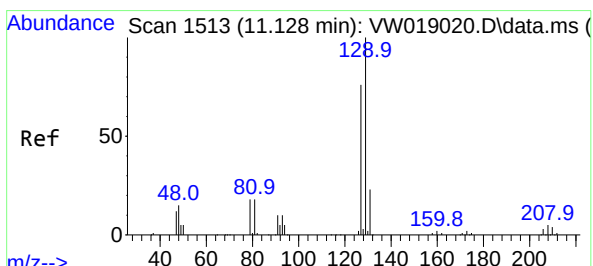
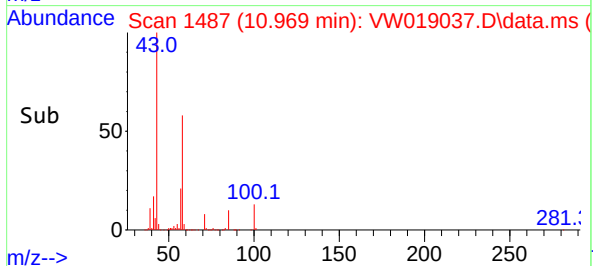
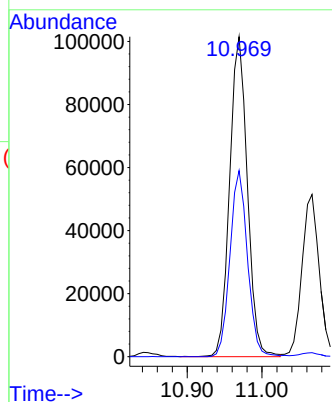
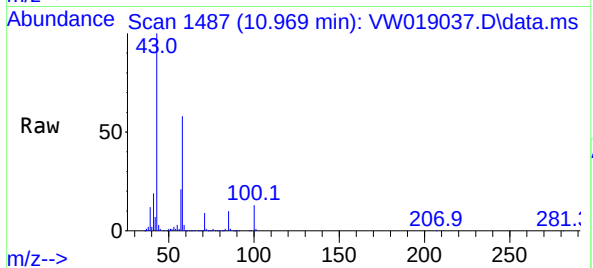
#59
2-Hexanone
Concen: 113.49 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 43 Resp: 167178
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

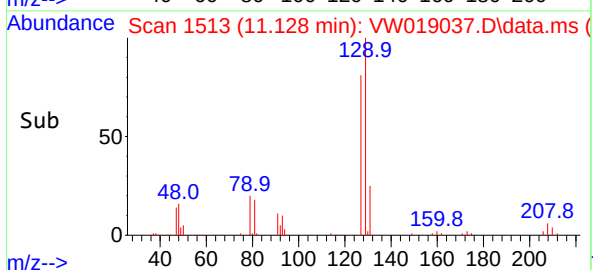
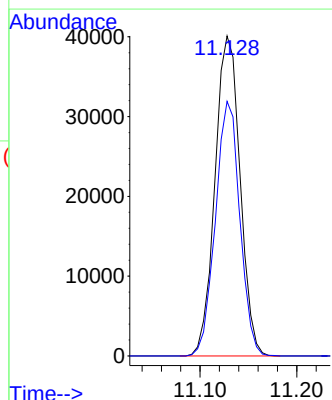
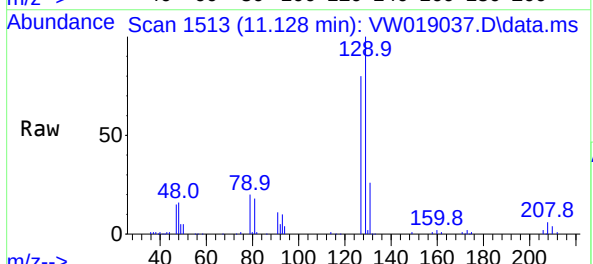
Manual Integrations
APPROVED

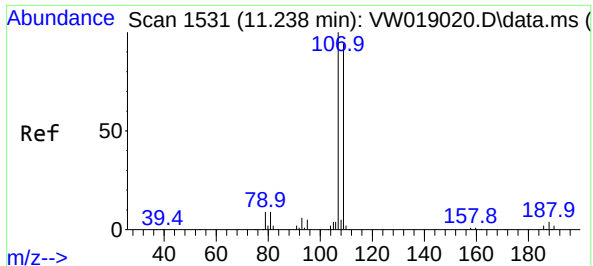
MMDadoda
5/20/2021 6:00:18 PM



#60
Dibromochloromethane
Concen: 21.42 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

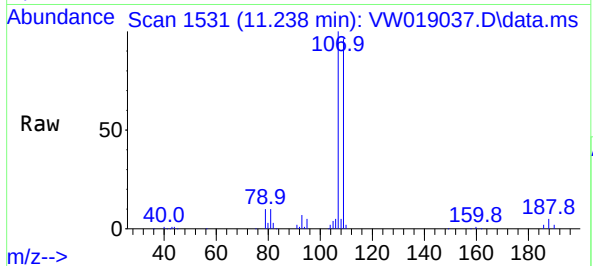
Tgt Ion: 129 Resp: 72112
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.73 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

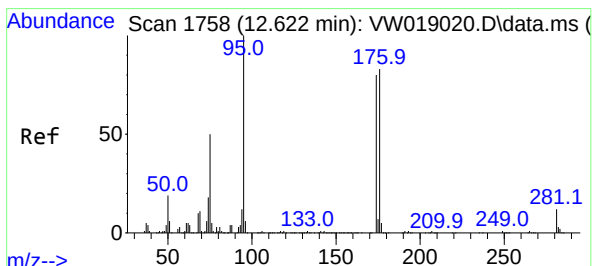
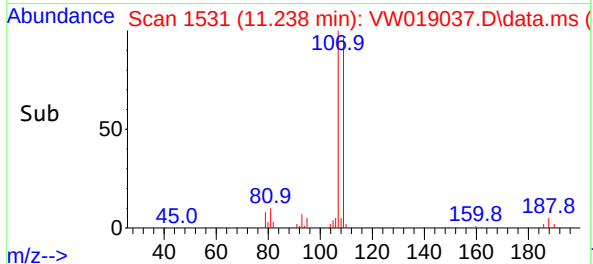
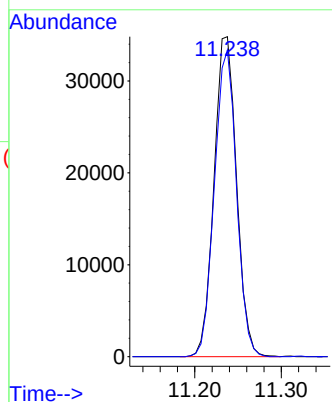
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



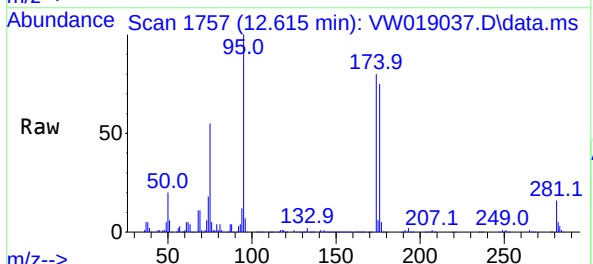
Tgt Ion:107 Resp: 62865
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9

Manual Integrations
APPROVED

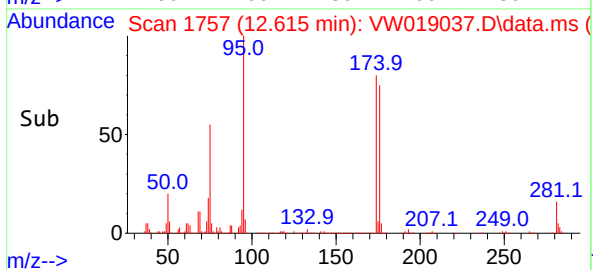
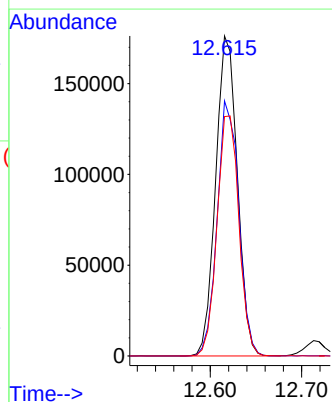
MMDadoda
5/20/2021 6:00:18 PM

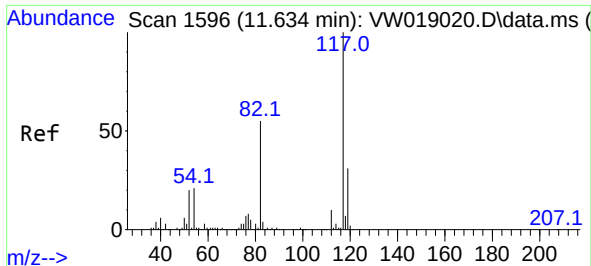


#62
4-Bromofluorobenzene
Concen: 53.63 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



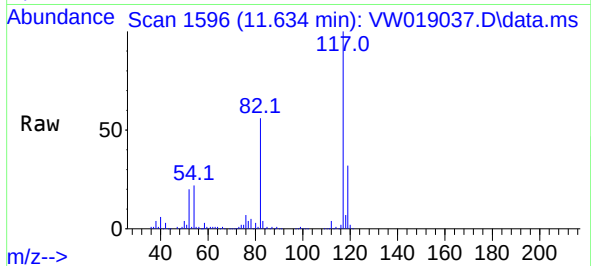
Tgt Ion: 95 Resp: 290889
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.2
176 75.9 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

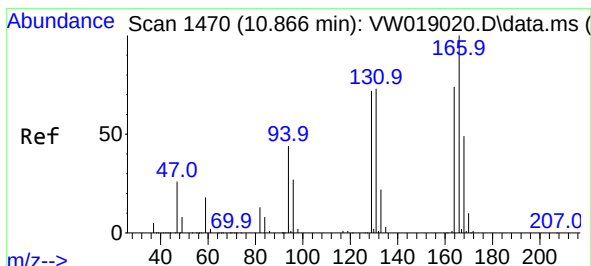
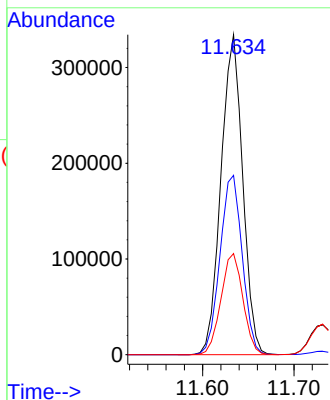
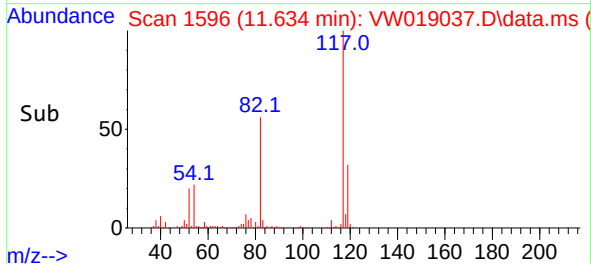
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



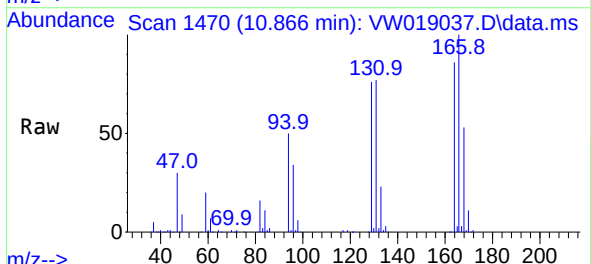
Tgt Ion:117 Resp: 551518
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 31.6 24.6 36.8

Manual Integrations
APPROVED

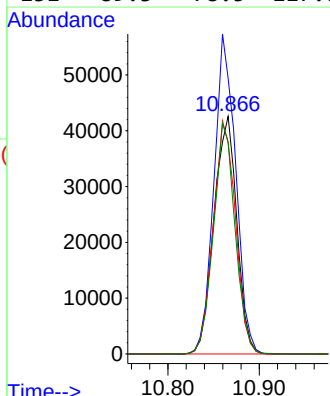
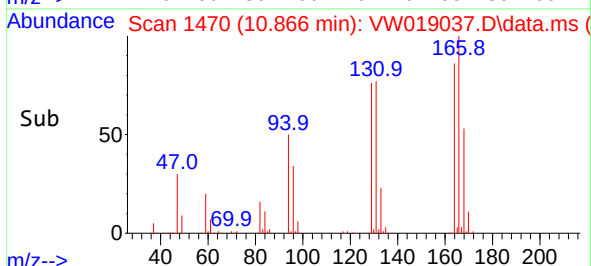
MMDadoda
5/20/2021 6:00:18 PM

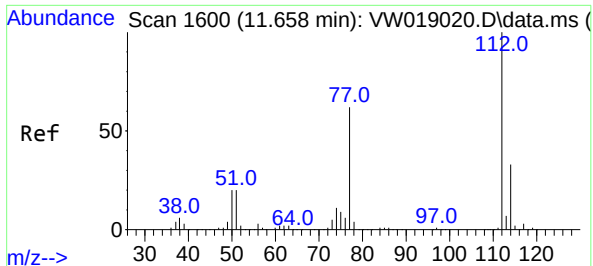


#64
Tetrachloroethene
Concen: 20.71 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion:164 Resp: 74218
Ion Ratio Lower Upper
164 100
166 116.0 107.8 161.8
129 88.7 77.3 115.9
131 89.3 78.5 117.7





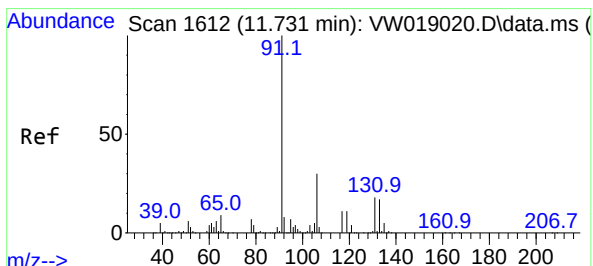
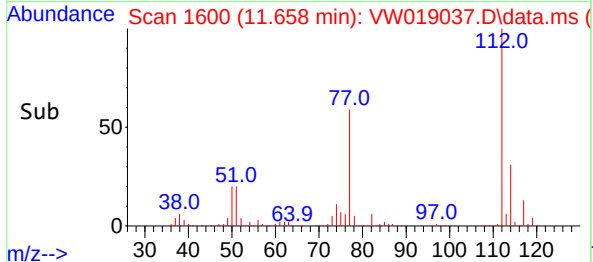
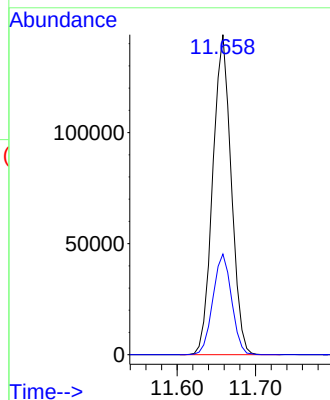
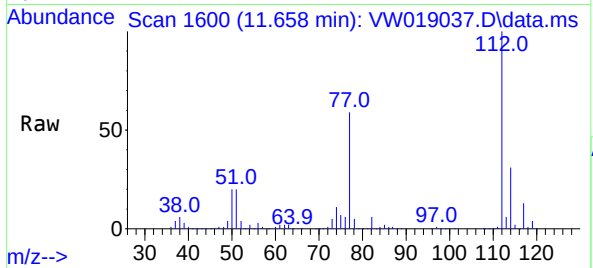
#65
Chlorobenzene
Concen: 21.00 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Tgt Ion:112 Resp: 235588
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

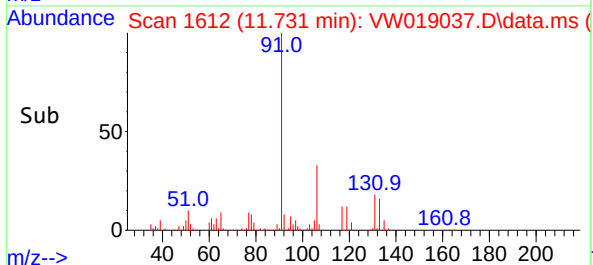
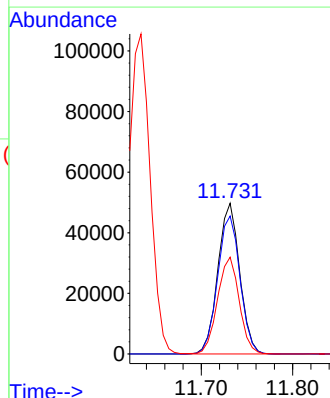
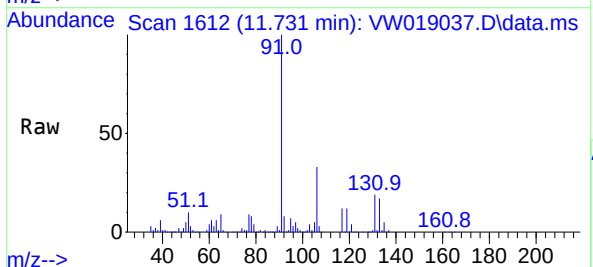
Manual Integrations
APPROVED

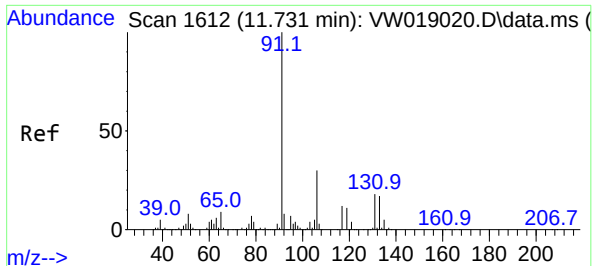
MMDadoda
5/20/2021 6:00:18 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.53 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

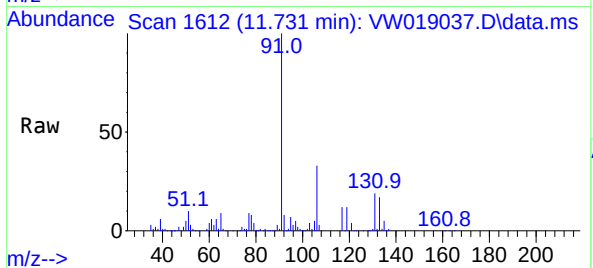
Tgt Ion:131 Resp: 82439
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 64.2 33.1 99.2





#67
Ethyl Benzene
Concen: 20.85 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

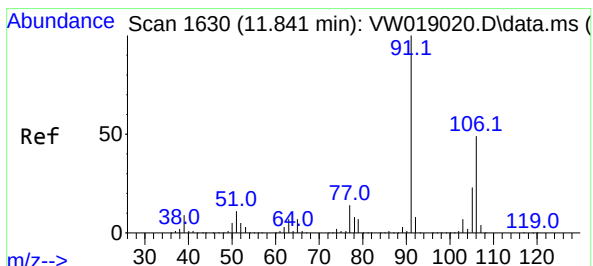
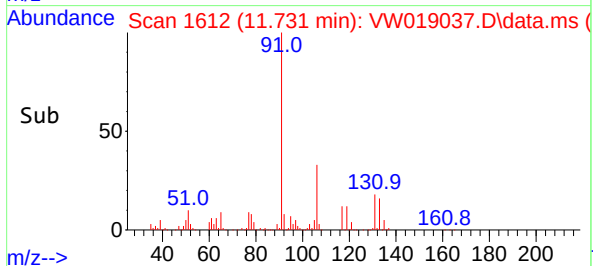
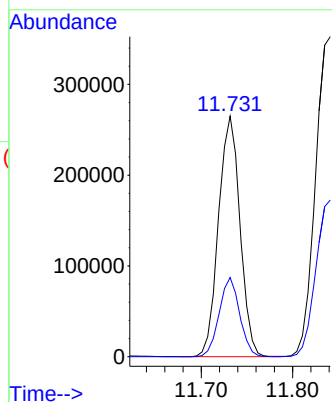
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



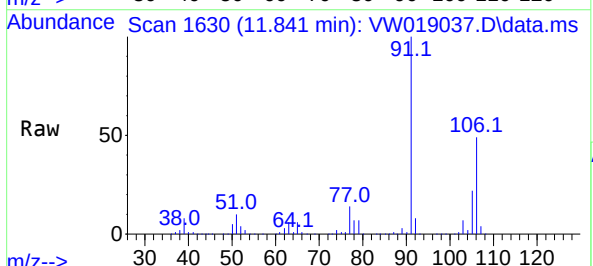
Tgt Ion: 91 Resp: 432622
Ion Ratio Lower Upper
91 100
106 32.9 24.0 36.0

Manual Integrations
APPROVED

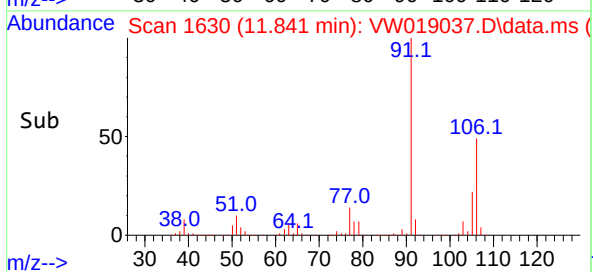
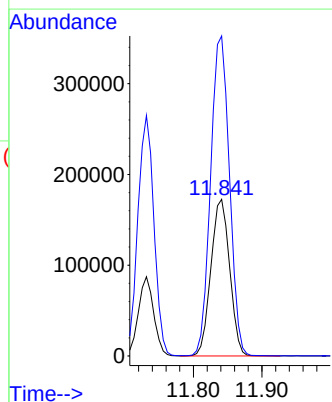
MMDadoda
5/20/2021 6:00:18 PM

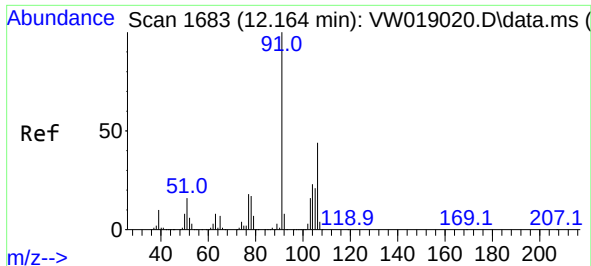


#68
m/p-Xylenes
Concen: 42.12 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

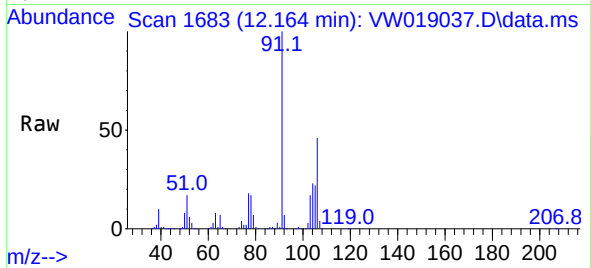


Tgt Ion: 106 Resp: 328412
Ion Ratio Lower Upper
106 100
91 205.3 164.2 246.2

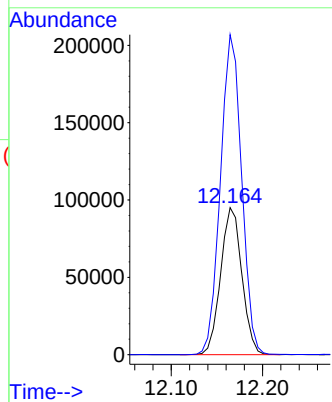
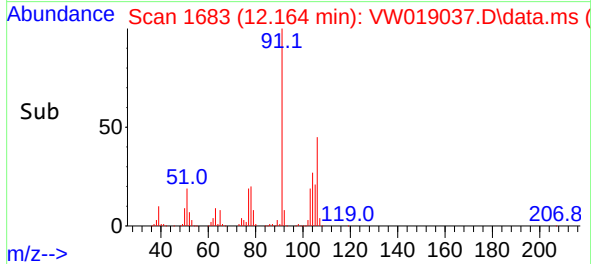




#69
o-Xylene
Concen: 21.11 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



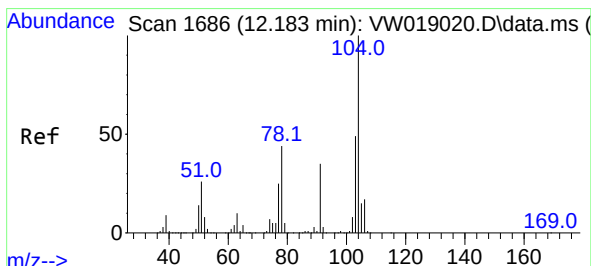
Tgt Ion:106 Resp: 153480
Ion Ratio Lower Upper
106 100
91 217.9 109.1 327.2



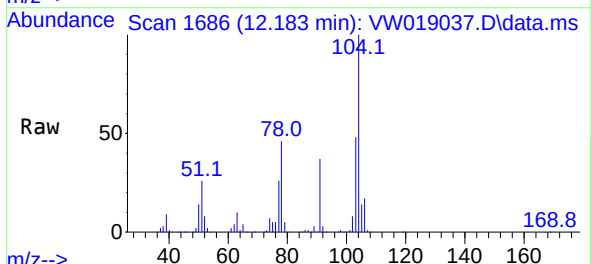
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

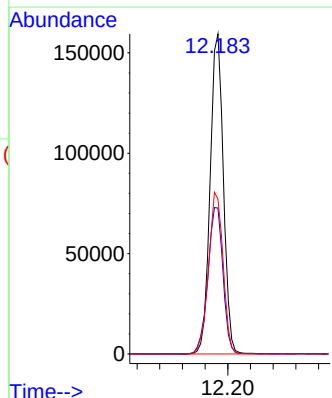
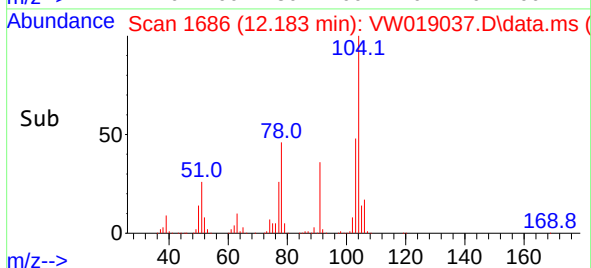
MMDadoda
5/20/2021 6:00:18 PM

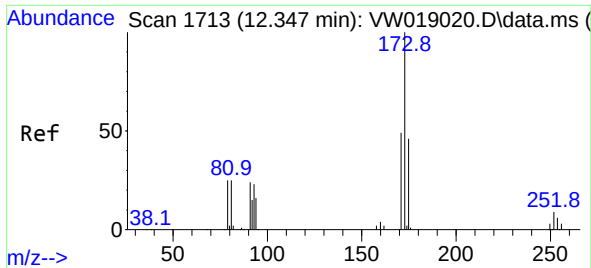


#70
Styrene
Concen: 20.98 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion:104 Resp: 258889
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 55.4 44.1 66.1





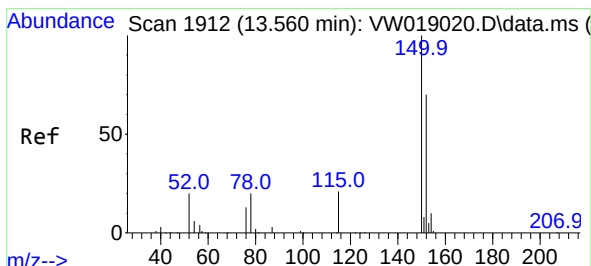
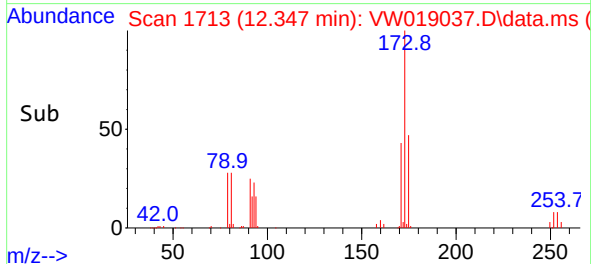
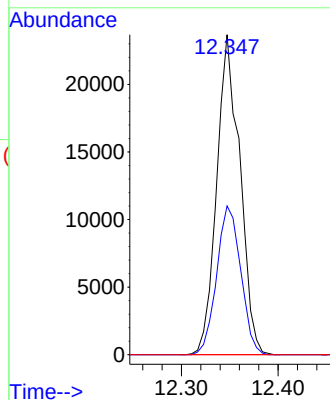
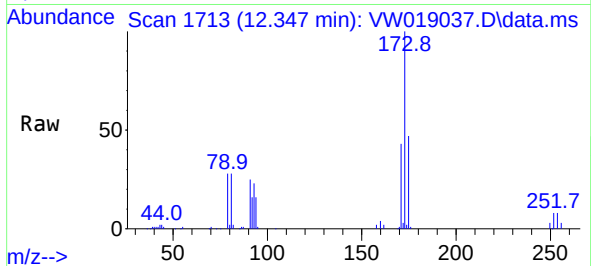
#71
Bromoform
Concen: 20.47 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:173 Resp: 39338
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.0 0.1 0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

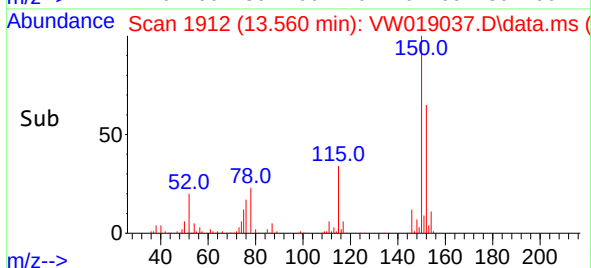
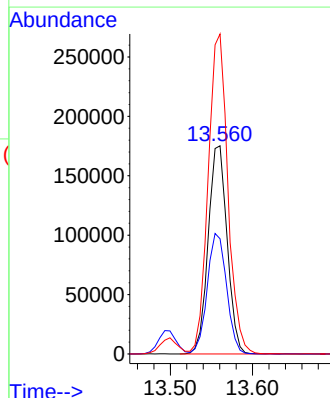
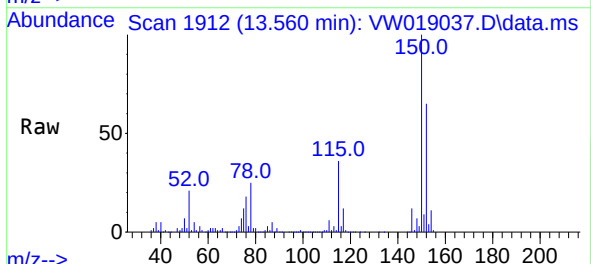
Manual Integrations
APPROVED

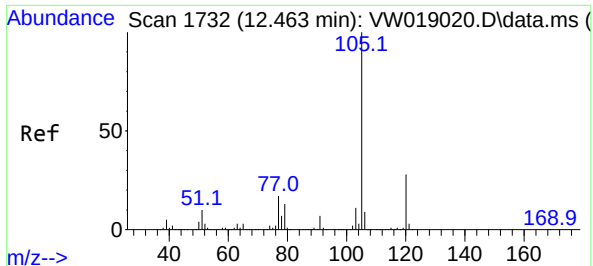
MMDadoda
5/20/2021 6:00:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

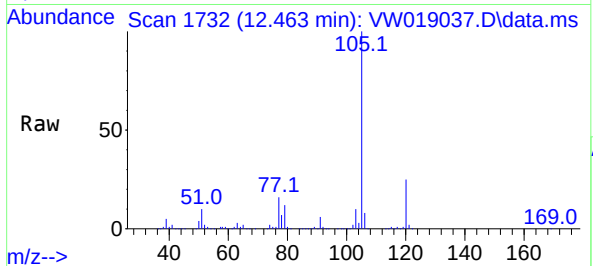
Tgt Ion:152 Resp: 280597
Ion Ratio Lower Upper
152 100
115 59.1 30.3 90.8
150 159.6 0.0 356.0





#73
Isopropylbenzene
Concen: 20.61 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

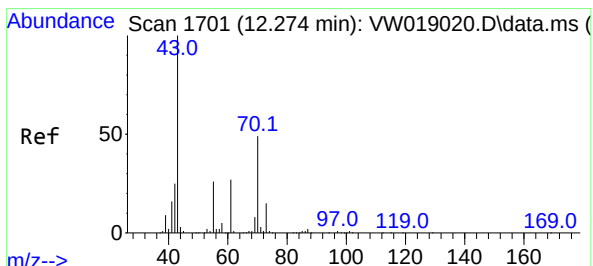
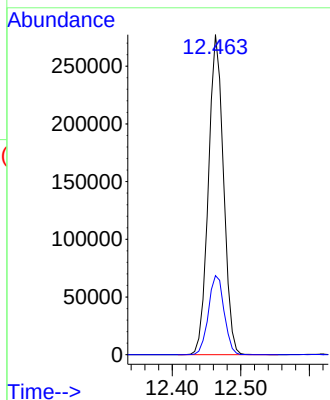
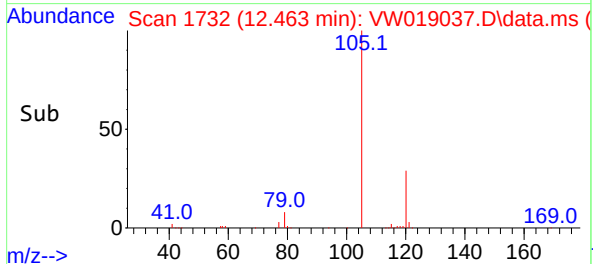
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBS01



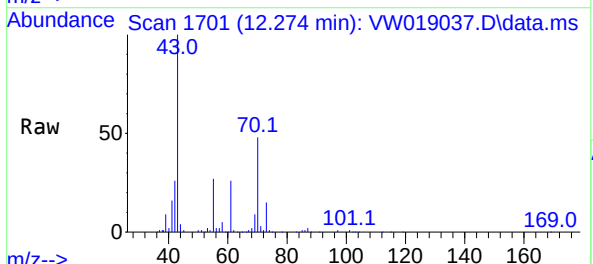
Tgt Ion:105 Resp: 423827
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

Manual Integrations
APPROVED

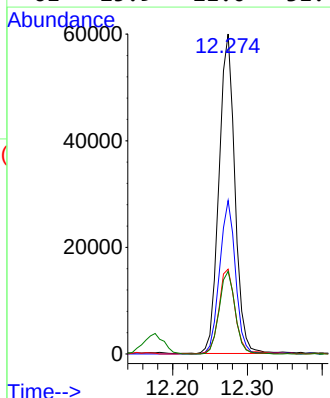
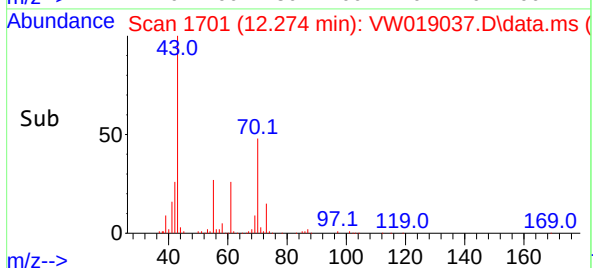
MMDadoda
5/20/2021 6:00:18 PM

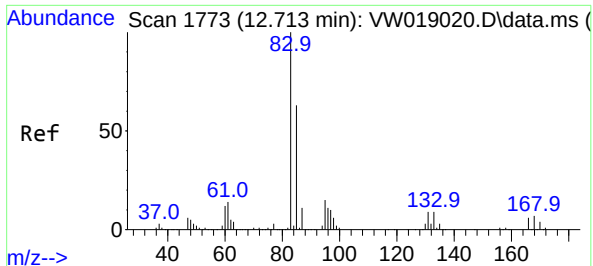


#74
N-ethyl acetate
Concen: 20.99 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion: 43 Resp: 89028
Ion Ratio Lower Upper
43 100
70 47.9 38.4 57.6
55 27.5 21.6 32.4
61 25.9 21.0 31.4





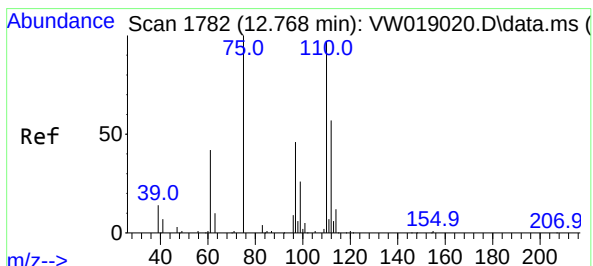
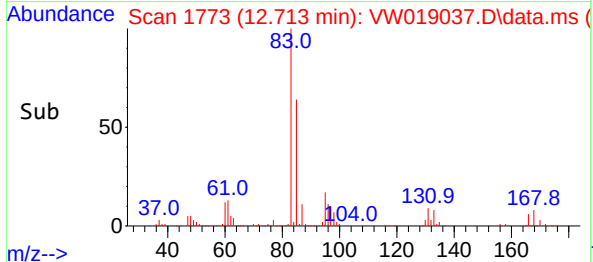
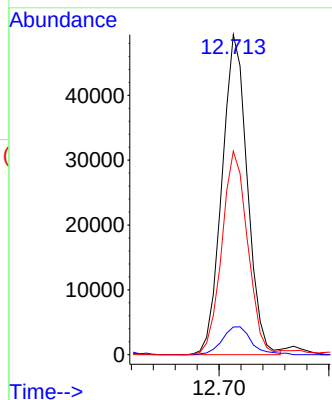
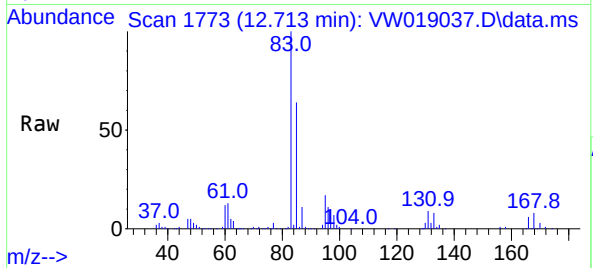
#75
1,1,2,2-Tetrachloroethane
Concen: 21.57 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 83 Resp: 79356
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.8 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

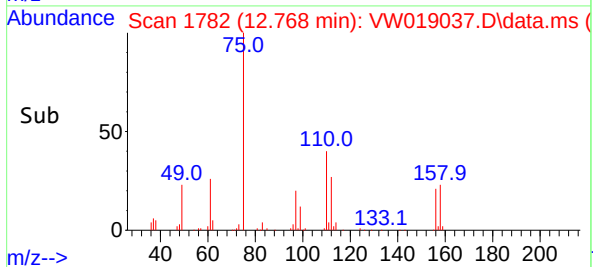
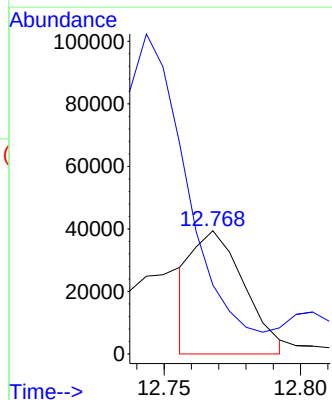
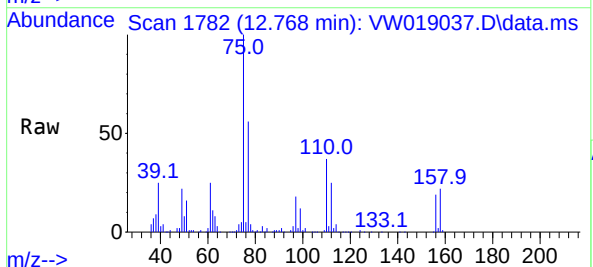
Manual Integrations
APPROVED

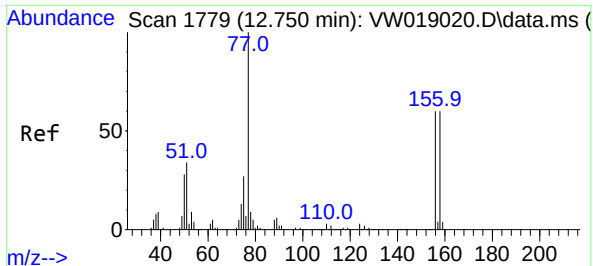
MMDadoda
5/20/2021 6:00:18 PM



#76
1,2,3-Trichloropropane
Concen: 19.57 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 75 Resp: 51861
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





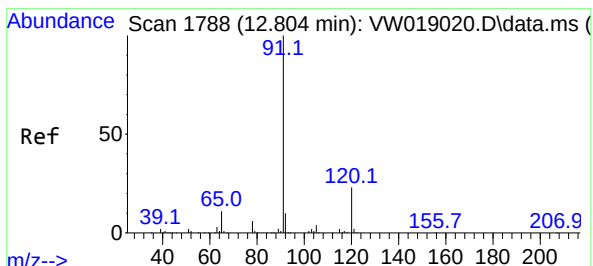
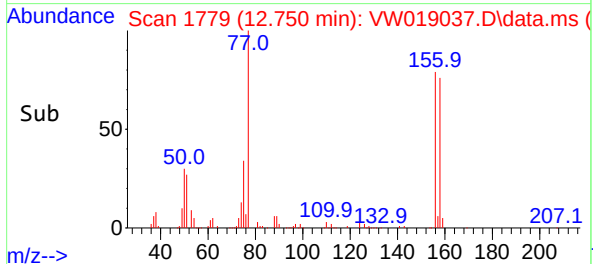
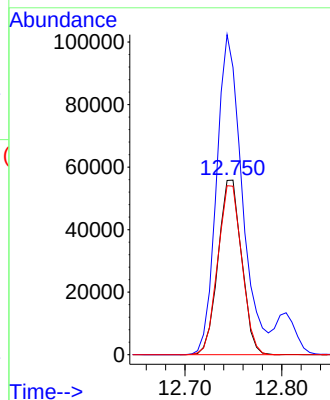
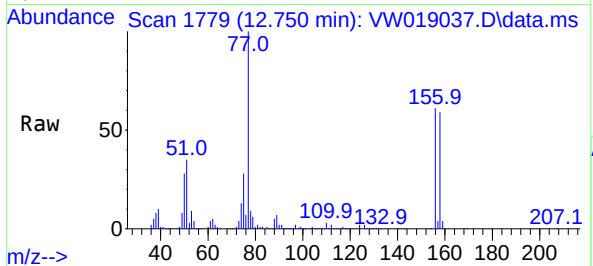
#77
Bromobenzene
Concen: 20.80 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:156 Resp: 94329
Ion Ratio Lower Upper
156 100
77 198.9 96.7 290.0
158 99.1 48.4 145.3

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

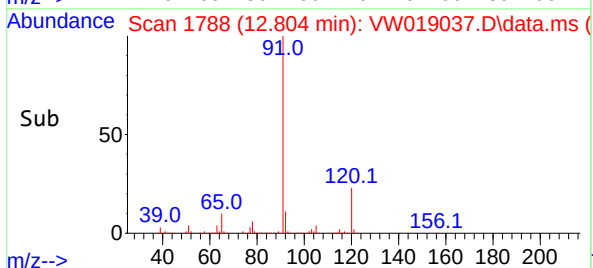
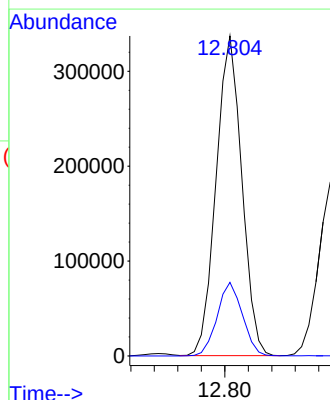
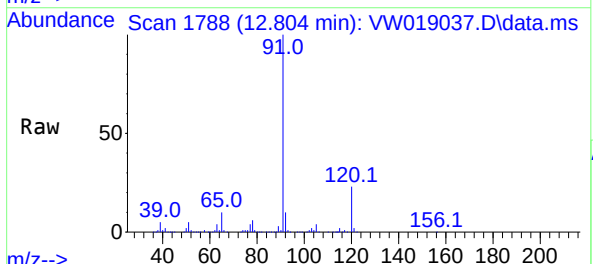
Manual Integrations
APPROVED

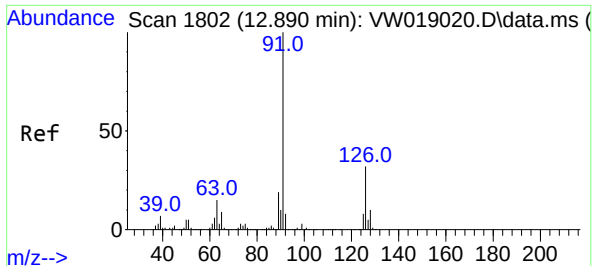
MMDadoda
5/20/2021 6:00:18 PM



#78
n-propylbenzene
Concen: 20.37 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 91 Resp: 512216
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.3





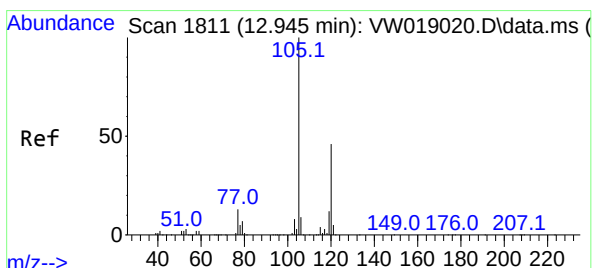
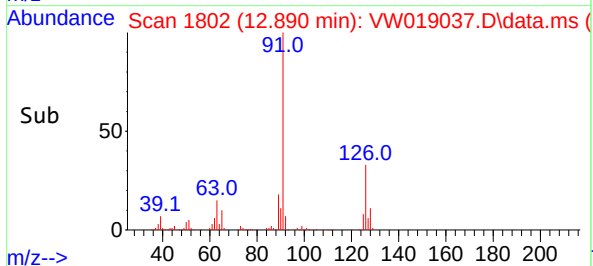
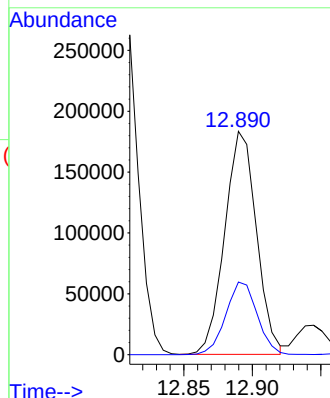
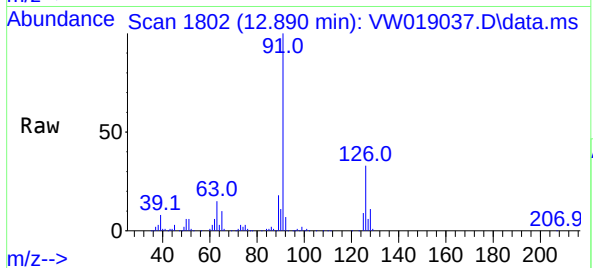
#79
2-Chlorotoluene
Concen: 20.64 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 91 Resp: 295655
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

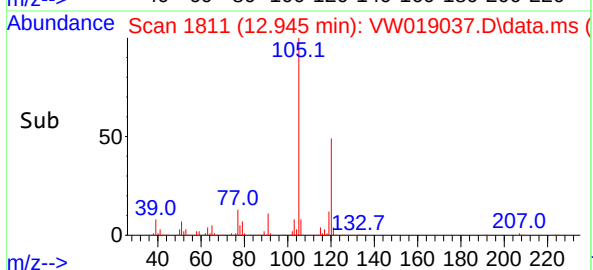
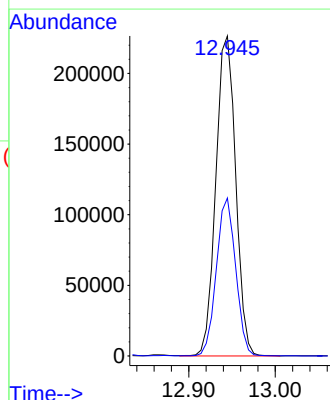
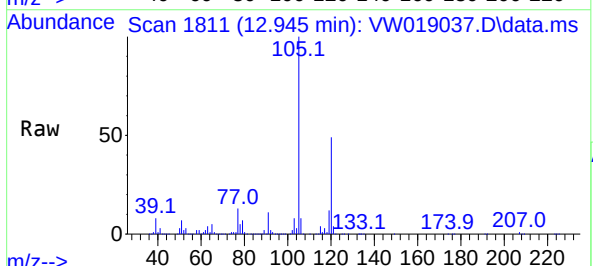
Manual Integrations
APPROVED

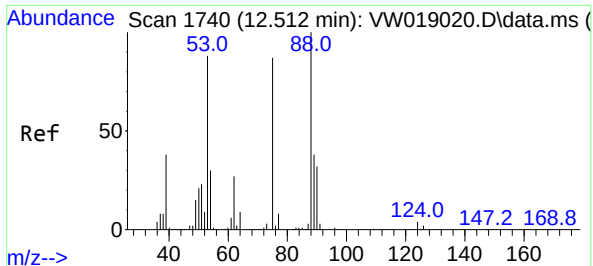
MMDadoda
5/20/2021 6:00:18 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.64 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

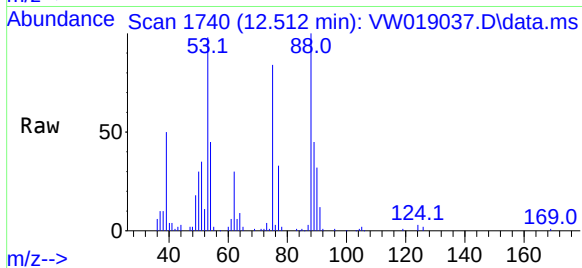
Tgt Ion: 105 Resp: 360396
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.63 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

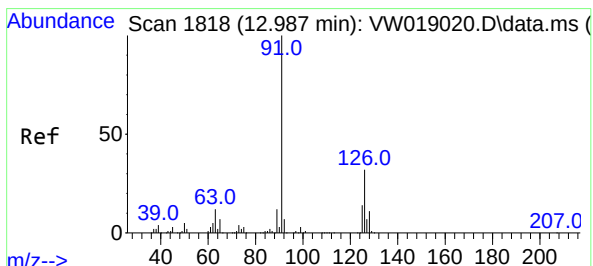
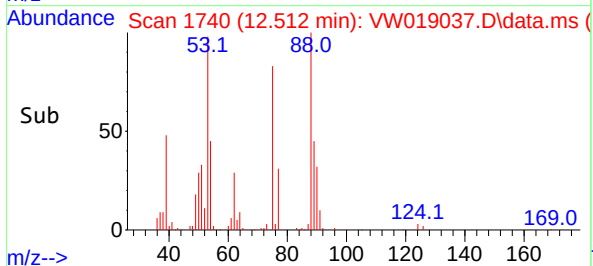
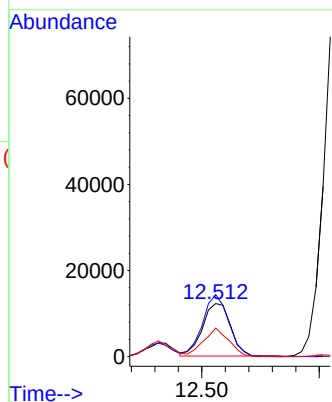
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



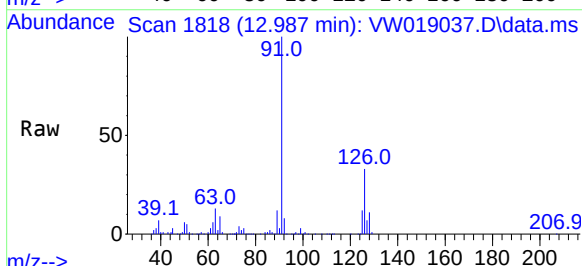
Tgt Ion:	75	Resp:	20254
Ion	Ratio	Lower	Upper
75	100		
53	111.6	81.5	122.3
89	48.9	36.3	54.5

Manual Integrations
APPROVED

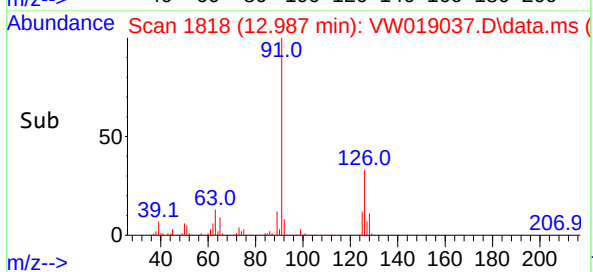
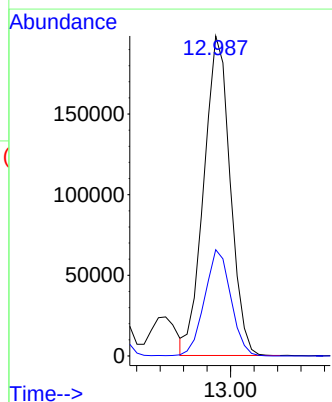
MMDadoda
5/20/2021 6:00:18 PM

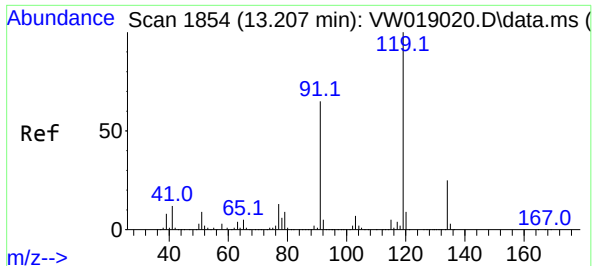


#82
4-Chlorotoluene
Concen: 20.26 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

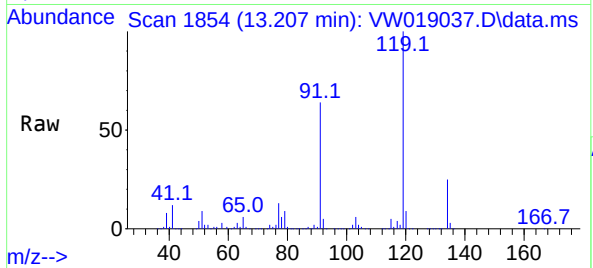


Tgt Ion:	91	Resp:	308098
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.1	48.2

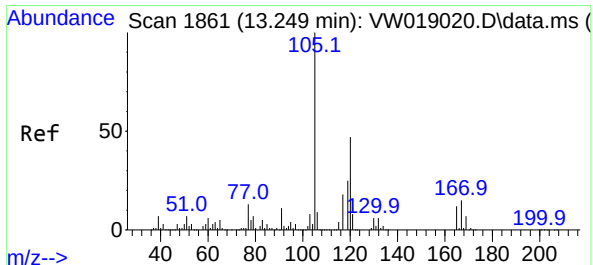
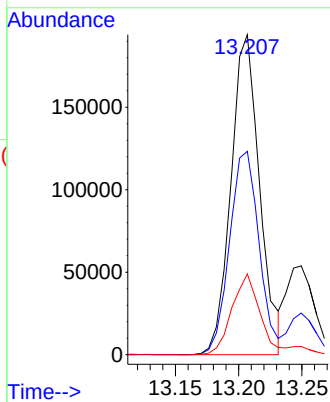
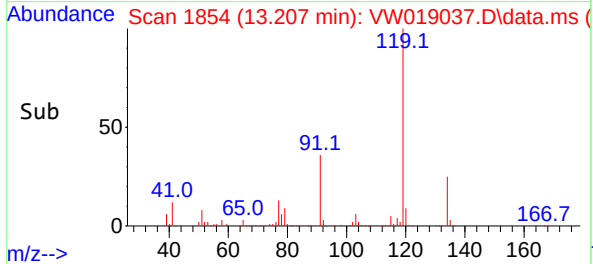




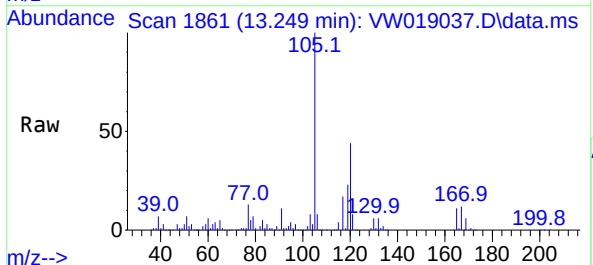
#83
tert-Butylbenzene
Concen: 20.83 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



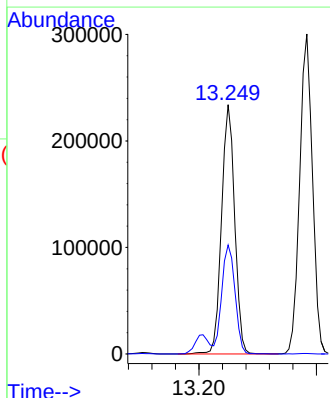
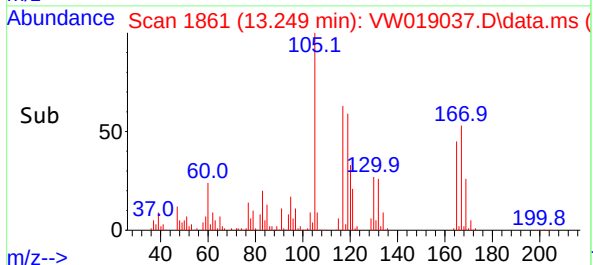
Tgt Ion:119 Resp: 306488
Ion Ratio Lower Upper
119 100
91 65.3 34.0 102.0
134 24.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.94 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



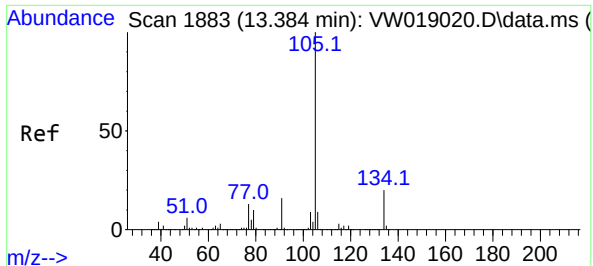
Tgt Ion:105 Resp: 362861
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0



Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

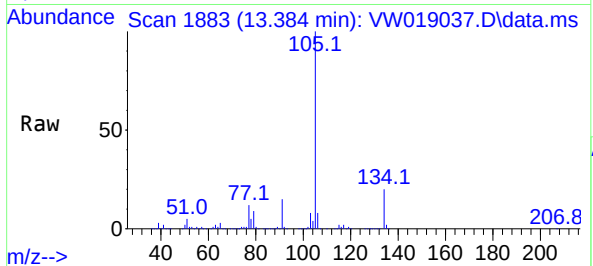
Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



#85
sec-Butylbenzene
Concen: 20.74 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

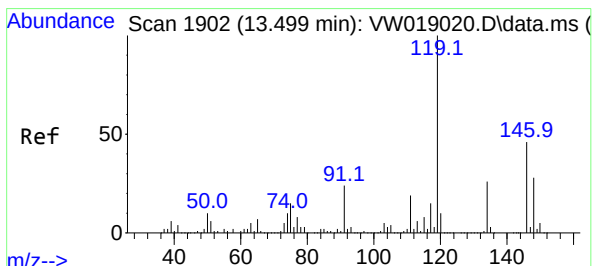
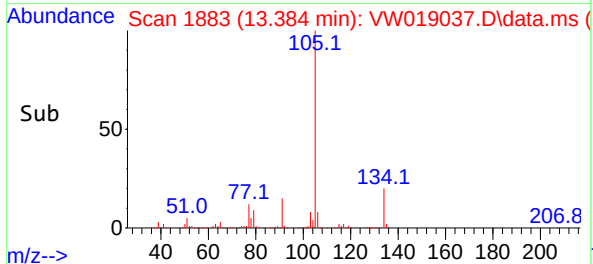
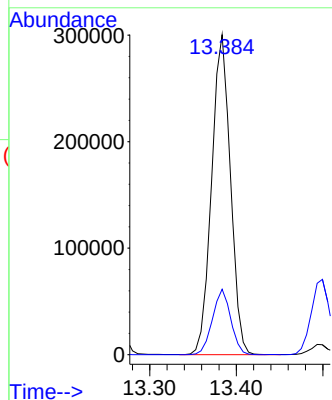
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



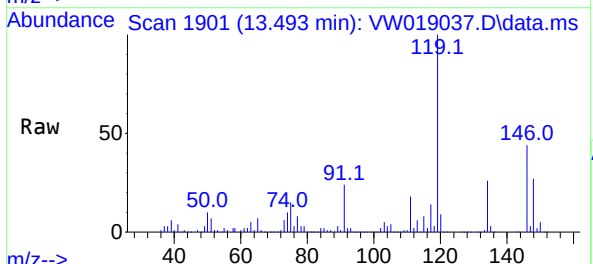
Tgt Ion:105 Resp: 452585
Ion Ratio Lower Upper
105 100
134 19.9 10.1 30.1

Manual Integrations
APPROVED

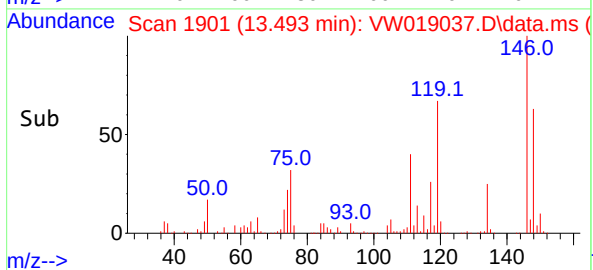
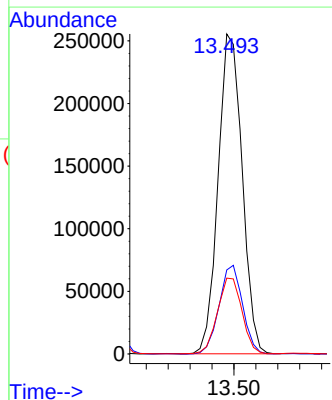
MMDadoda
5/20/2021 6:00:18 PM

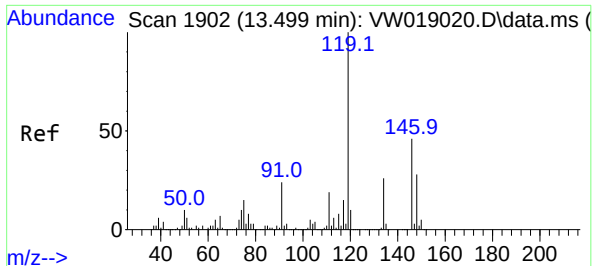


#86
p-Isopropyltoluene
Concen: 20.60 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion:119 Resp: 389376
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.3
91 24.1 12.1 36.3





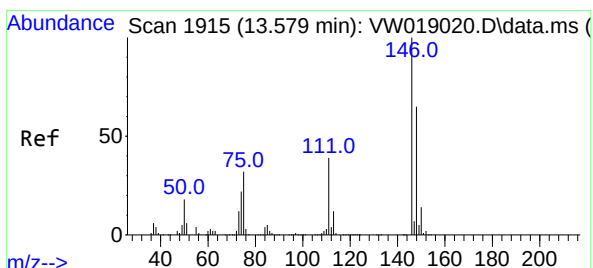
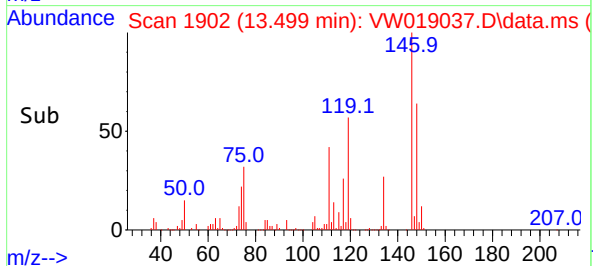
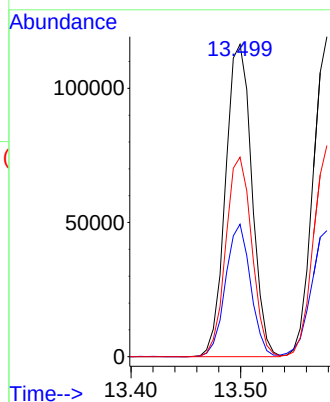
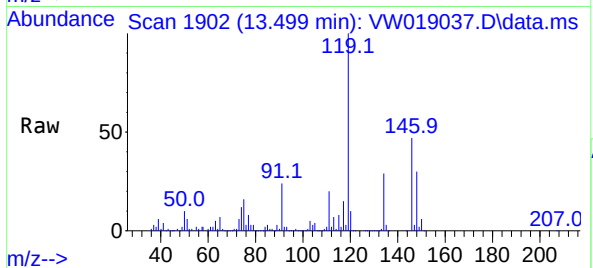
#87
1,3-Dichlorobenzene
Concen: 20.91 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:146 Resp: 193667
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.4 31.8 95.3

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

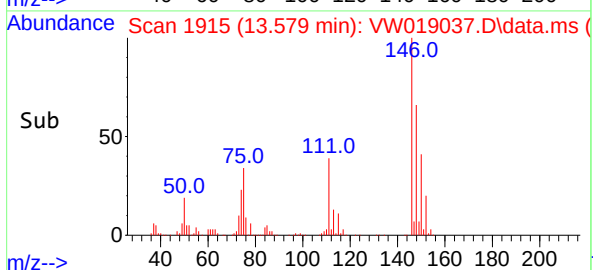
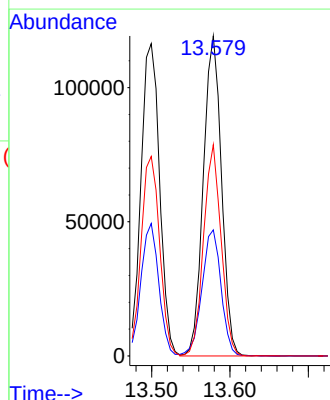
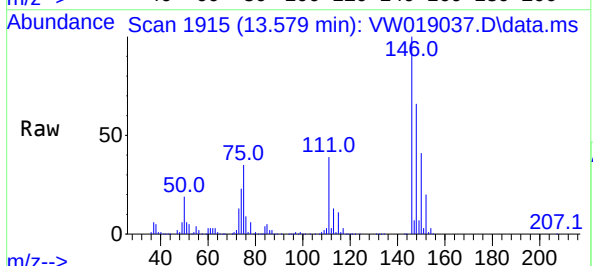
Manual Integrations
APPROVED

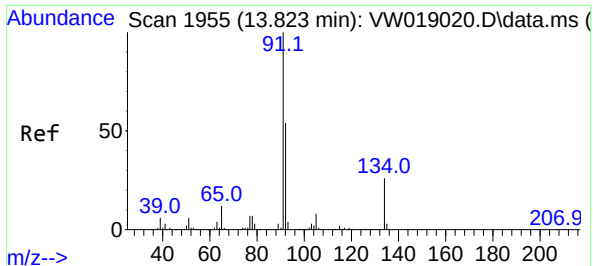
MMDadoda
5/20/2021 6:00:18 PM



#88
1,4-Dichlorobenzene
Concen: 21.01 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

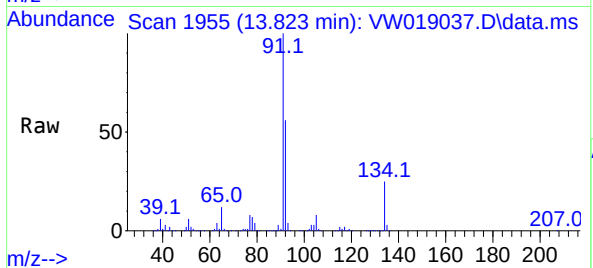
Tgt Ion:146 Resp: 191809
Ion Ratio Lower Upper
146 100
111 41.5 20.1 60.3
148 63.6 32.4 97.2





#89
n-Butylbenzene
Concen: 20.36 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

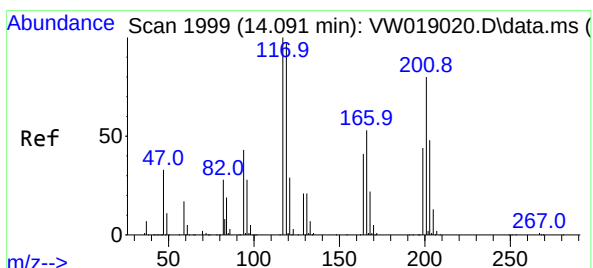
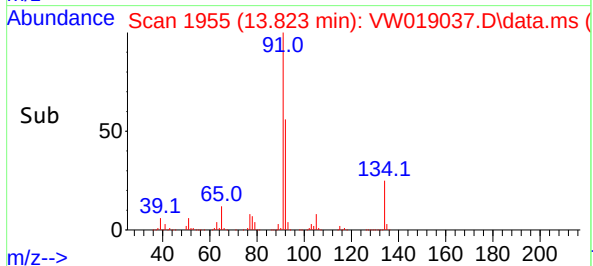
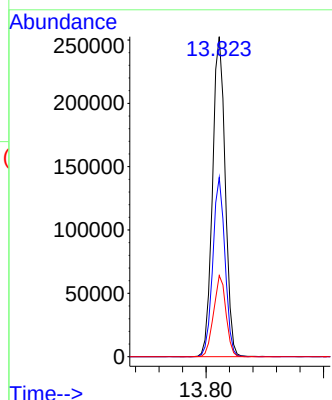
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



Tgt Ion: 91 Resp: 378544
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 24.7 12.7 38.0

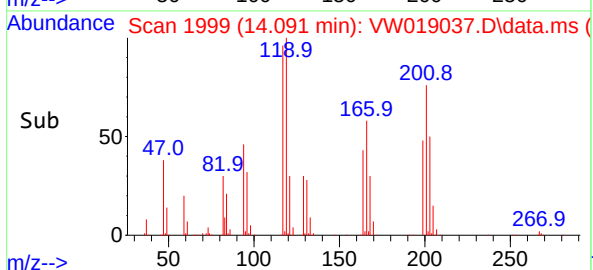
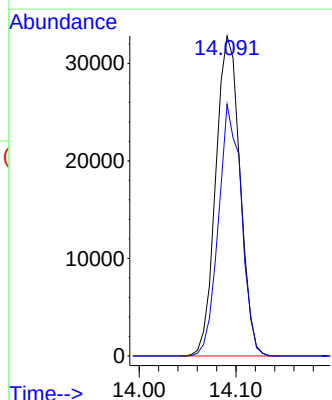
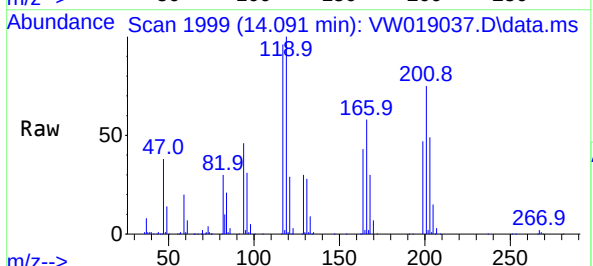
Manual Integrations
APPROVED

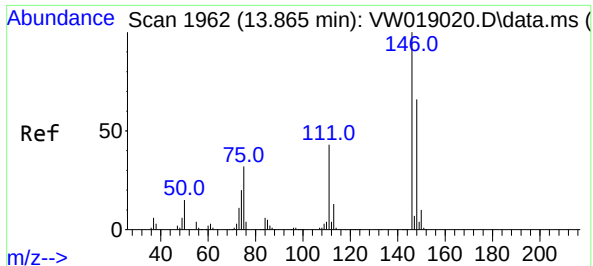
MMDadoda
5/20/2021 6:00:18 PM



#90
Hexachloroethane
Concen: 19.25 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion: 117 Resp: 57029
Ion Ratio Lower Upper
117 100
201 74.6 38.4 115.2





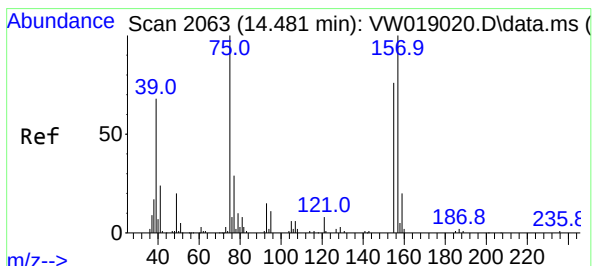
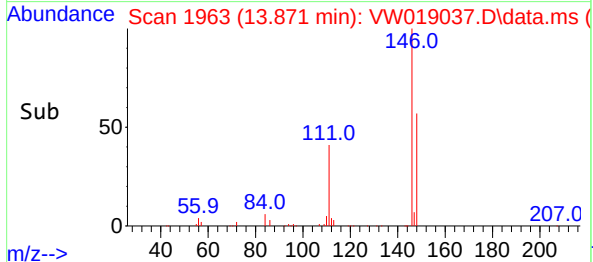
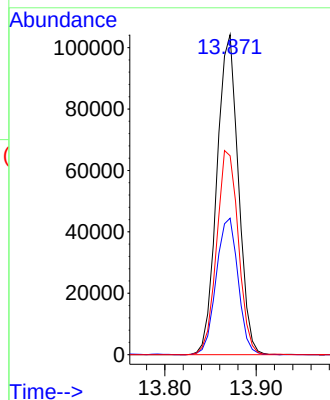
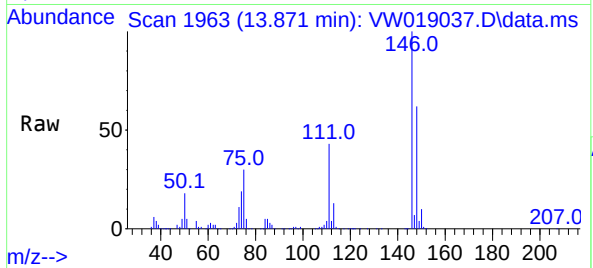
#91
1,2-Dichlorobenzene
Concen: 20.73 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:146 Resp: 169797
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.1
148 64.7 32.6 97.7

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

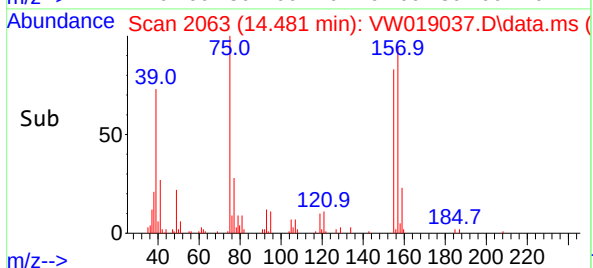
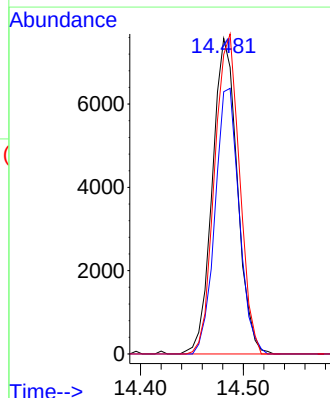
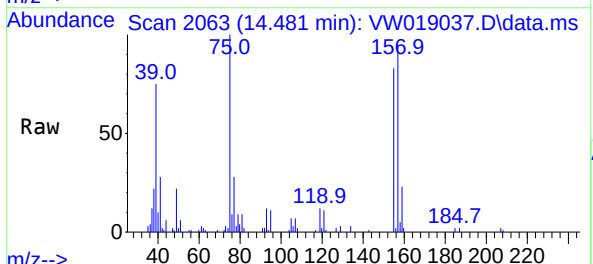
Manual Integrations
APPROVED

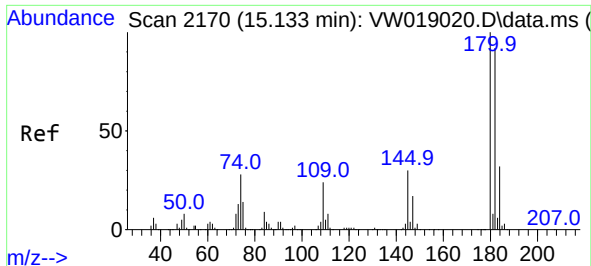
MMDadoda
5/20/2021 6:00:18 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.75 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

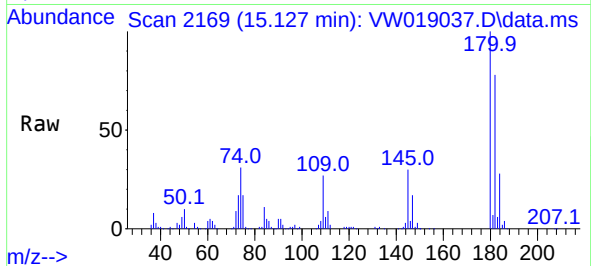
Tgt Ion: 75 Resp: 12781
Ion Ratio Lower Upper
75 100
155 81.0 41.3 124.1
157 101.1 51.2 153.6





#93
1,2,4-Trichlorobenzene
Concen: 21.22 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

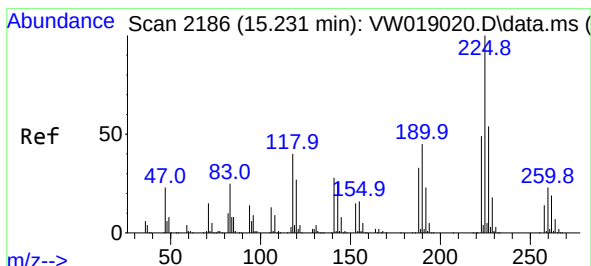
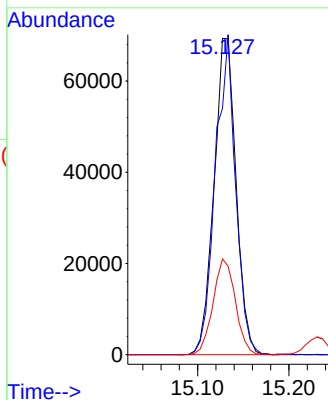
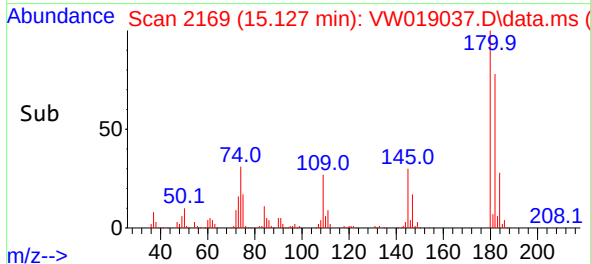
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01



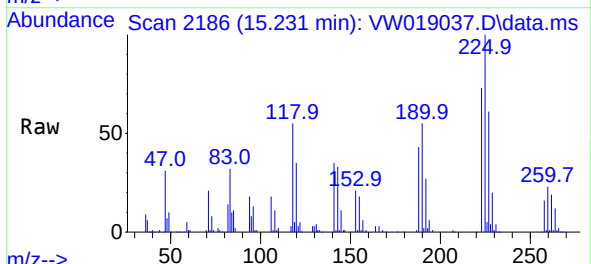
Tgt Ion:180 Resp: 116386
Ion Ratio Lower Upper
180 100
182 92.7 48.9 146.7
145 30.6 15.4 46.1

Manual Integrations
APPROVED

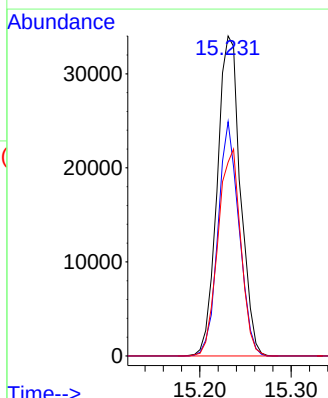
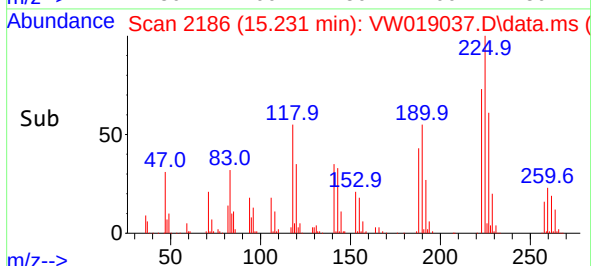
MMDadoda
5/20/2021 6:00:18 PM

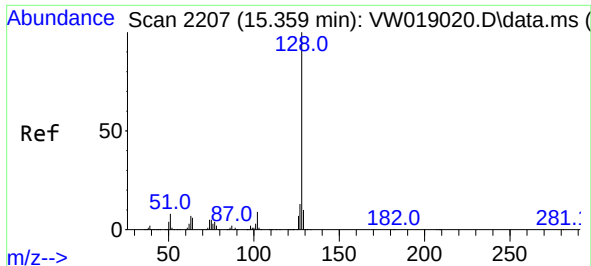


#94
Hexachlorobutadiene
Concen: 18.94 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41



Tgt Ion:225 Resp: 59993
Ion Ratio Lower Upper
225 100
223 66.4 29.6 88.8
227 63.5 30.4 91.3





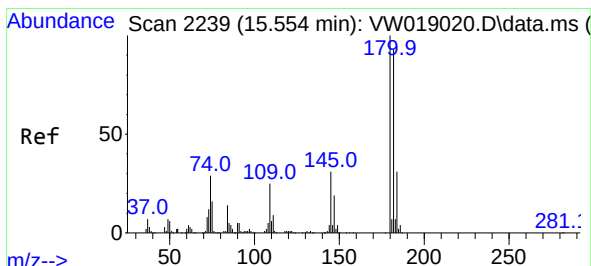
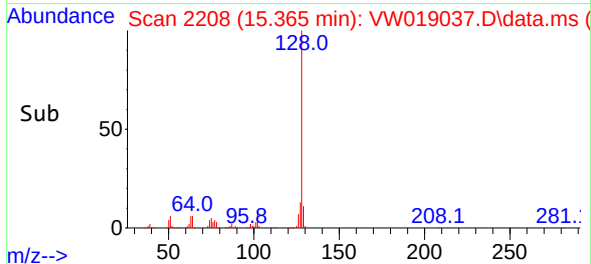
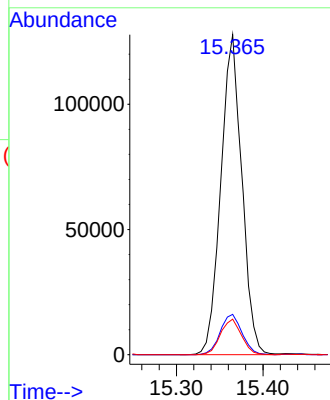
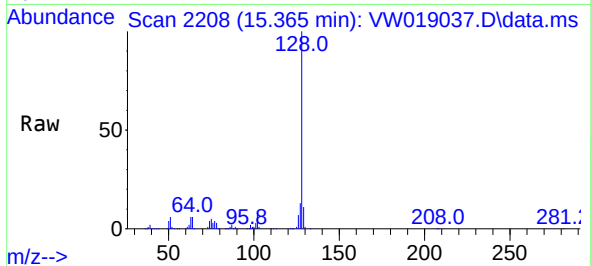
#95
Naphthalene
Concen: 21.55 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:128 Resp: 215317
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.5 12.7

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBSD01

Manual Integrations
APPROVED

MMDadoda
5/20/2021 6:00:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.53 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019037.D
Acq: 19 May 2021 17:41

Tgt Ion:180 Resp: 102219
Ion Ratio Lower Upper
180 100
182 98.4 47.4 142.3
145 32.7 16.1 48.2

