

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019070.D
 Acq On : 24 May 2021 17:33
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:45 PM

Quant Time: May 25 04:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	354314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	577304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	525160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	258435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	228231	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.884	113	200435	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.323	98	813124	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.615	95	289533	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	51736	20.73	ug/l	100
3) Chloromethane	2.215	50	54135	19.63	ug/l	98
4) Vinyl Chloride	2.367	62	91003	21.05	ug/l	98
5) Bromomethane	2.776	94	72706	20.79	ug/l	98
6) Chloroethane	2.922	64	59693	20.78	ug/l	99
7) Trichlorofluoromethane	3.257	101	44491	17.74	ug/l	98
8) Diethyl Ether	3.684	74	42056	21.27	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	79755	21.04	ug/l	98
10) Methyl Iodide	4.275	142	110221	20.48	ug/l	98
11) Tert butyl alcohol	5.178	59	31349	144.31	ug/l	95
12) 1,1-Dichloroethene	4.044	96	79161	20.07	ug/l	89
13) Acrolein	3.897	56	28716	106.99	ug/l	97
14) Allyl chloride	4.672	41	102103	19.37	ug/l	99
15) Acrylonitrile	5.373	53	81330	111.90	ug/l	98
16) Acetone	4.129	43	67321	98.48	ug/l	99
17) Carbon Disulfide	4.391	76	214392	20.10	ug/l	100
18) Methyl Acetate	4.678	43	40849	22.09	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	104859	21.85	ug/l	98
20) Methylene Chloride	4.922	84	113449	24.58	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	91182	20.72	ug/l	97
22) Diisopropyl ether	6.312	45	214418	21.01	ug/l	98
23) Vinyl Acetate	6.257	43	723818	107.57	ug/l	100
24) 1,1-Dichloroethane	6.220	63	163777	20.71	ug/l	100
25) 2-Butanone	7.171	43	113225	112.21	ug/l	99
26) 2,2-Dichloropropane	7.171	77	91595	20.26	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	102498	21.20	ug/l	100
28) Bromochloromethane	7.513	49	66240	21.16	ug/l	98
29) Tetrahydrofuran	7.531	42	65355	114.34	ug/l	99
30) Chloroform	7.677	83	165955	20.82	ug/l	100
31) Cyclohexane	7.958	56	136771	20.33	ug/l	94
32) 1,1,1-Trichloroethane	7.878	97	124639	20.34	ug/l	98
36) 1,1-Dichloropropene	8.086	75	134415	20.86	ug/l	99
37) Ethyl Acetate	7.257	43	54136	23.24	ug/l	99
38) Carbon Tetrachloride	8.067	117	116532	20.37	ug/l	98
39) Methylcyclohexane	9.335	83	146310	20.44	ug/l	98
40) Benzene	8.323	78	371977	21.18	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019070.D
 Acq On : 24 May 2021 17:33
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:45 PM

Quant Time: May 25 04:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	29942	22.00	ug/l	93
42) 1,2-Dichloroethane	8.403	62	112198	21.65	ug/l	99
43) Isopropyl Acetate	8.427	43	99343	22.13	ug/l	99
44) Trichloroethene	9.092	130	93425	20.24	ug/l	98
45) 1,2-Dichloropropane	9.366	63	91028	21.35	ug/l	95
46) Dibromomethane	9.463	93	49024	22.10	ug/l	99
47) Bromodichloromethane	9.646	83	120486	21.07	ug/l	98
48) Methyl methacrylate	9.439	41	44776	21.33	ug/l	97
49) 1,4-Dioxane	9.457	88	12172	456.86	ug/l	91
51) 4-Methyl-2-Pentanone	10.207	43	258464	113.32	ug/l	99
52) Toluene	10.390	92	232852	20.81	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	116895	20.55	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	142848	21.17	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	68402	21.79	ug/l	96
56) Ethyl methacrylate	10.646	69	85221	21.66	ug/l	99
57) 1,3-Dichloropropane	10.933	76	120818	21.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	228832	115.14	ug/l	99
59) 2-Hexanone	10.969	43	173317	113.01	ug/l	99
60) Dibromochloromethane	11.128	129	74329	21.21	ug/l	100
61) 1,2-Dibromoethane	11.238	107	65235	22.08	ug/l	100
64) Tetrachloroethene	10.860	164	76838	20.40	ug/l	92
65) Chlorobenzene	11.658	112	243341	20.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	83582	20.92	ug/l	98
67) Ethyl Benzene	11.731	91	457171	20.64	ug/l	100
68) m/p-Xylenes	11.841	106	343214	42.23	ug/l	99
69) o-Xylene	12.164	106	158989	20.71	ug/l	98
70) Styrene	12.182	104	268385	20.92	ug/l	100
71) Bromoform	12.347	173	40951	21.30	ug/l #	100
73) Isopropylbenzene	12.463	105	445158	21.10	ug/l	98
74) N-amyl acetate	12.274	43	92426	21.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	80538	22.38	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	54335m	22.05	ug/l	
77) Bromobenzene	12.743	156	95661	21.23	ug/l	96
78) n-propylbenzene	12.804	91	541380	20.72	ug/l	100
79) 2-Chlorotoluene	12.890	91	305373	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	372820	20.97	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	22601	20.71	ug/l	96
82) 4-Chlorotoluene	12.987	91	319143	20.55	ug/l	100
83) tert-Butylbenzene	13.207	119	320654	21.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	370804	20.89	ug/l	98
85) sec-Butylbenzene	13.383	105	464984	20.44	ug/l	100
86) p-Isopropyltoluene	13.499	119	408762	21.09	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	190714	20.44	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	197498	21.49	ug/l	98
89) n-Butylbenzene	13.822	91	400246	20.65	ug/l	99
90) Hexachloroethane	14.091	117	63223	20.65	ug/l	88
91) 1,2-Dichlorobenzene	13.871	146	171131	21.06	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12732	22.27	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	117506	20.94	ug/l	99
94) Hexachlorobutadiene	15.231	225	69006	21.76	ug/l	97
95) Naphthalene	15.365	128	222214	22.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	104598	22.00	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
Data File : VW019070.D
Acq On : 24 May 2021 17:33
Operator : SY/VA
Sample : VW0524SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM

Quant Time: May 25 04:17:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Mon May 24 14:01:57 2021
Response via : Initial Calibration

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

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

MMDadoda
5/25/2021 5:58:45 PM

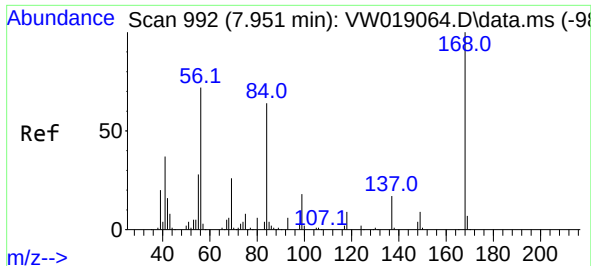
Abundance

TIC: VW019070.D\data.ms

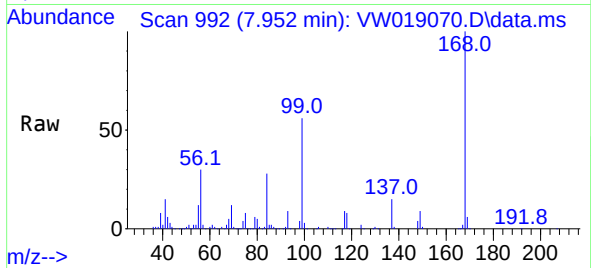
Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

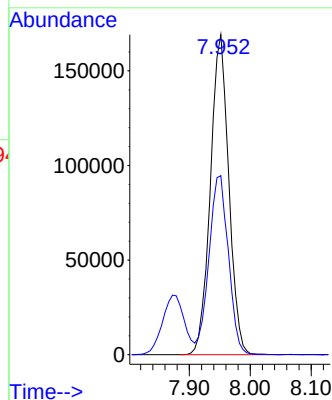
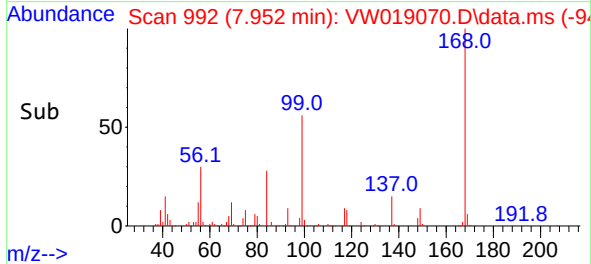
1,4-Dichlorobenzene, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, I
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1-Dichloroethane, T
Acetone, T
Methyl iodide, T
Carbon Disulfide, T
Methylchloride, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl isobutyl ether, T
1,1-Dichloroethane, P
Vinyl Acetate, T
Diisopropyl ether, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
1,2-Dichloroethane, T
Cyclohexane, T
Carbon tetrachloride, T
Isopropyl acetate, T
1,2-Dichloroethane, TM
1,4-Difluorobenzene, I
Trichloroethene, TM
Dichloromethane, T
Dichlorobenzene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methylacrylate, T
1,2-Trichloroethane, T
1,1,2,2-Tetrachloroethane, T
1,3-Dichloropropane, T
Dibromochloromethane, I
1,2-Dibromoethane, I
Chlorobenzene, TM
Chlorobenzene, d5
1,2,3,4-Tetrafluorobenzene, T
Styrene, Xylene, T
Bromoforn, P
N-amyl acetate, T
Trans-1,4-Dichloro-2-butene, T
Bromobenzene, T
1,1,2,2-Tetrachloroethane, T
1,2,3-Trichloropropane, T
2-Chlorobutene, T
Chlorobenzene, T
1,2,4-Trimethylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
n-Butylbenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Naphthalene, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



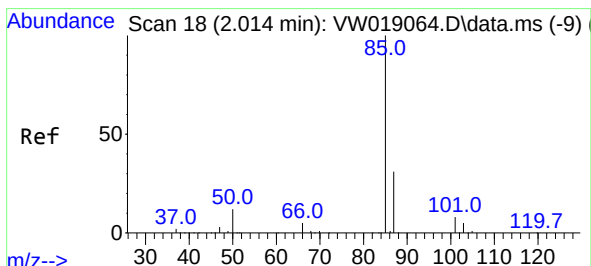
Tgt Ion:168 Resp: 354314
Ion Ratio Lower Upper
168 100
99 55.9 48.8 73.2



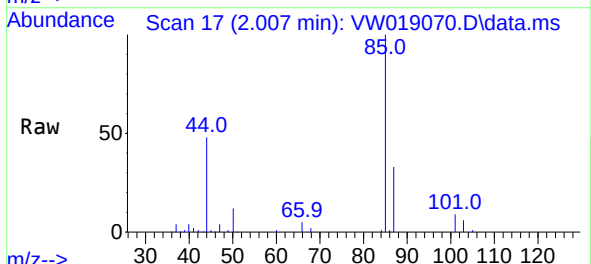
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

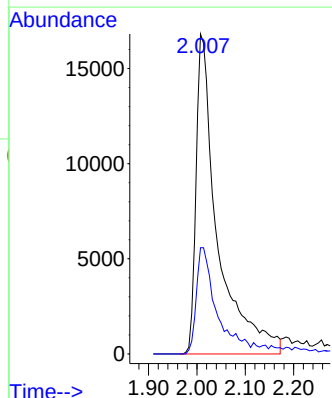
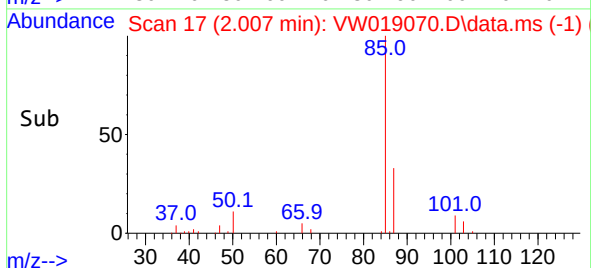
MMDadoda
5/25/2021 5:58:45 PM

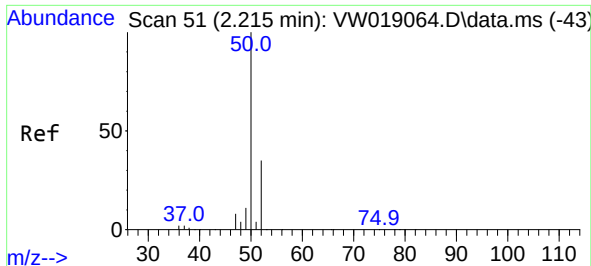


#2
Dichlorodifluoromethane
Concen: 20.73 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.007 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 85 Resp: 51736
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





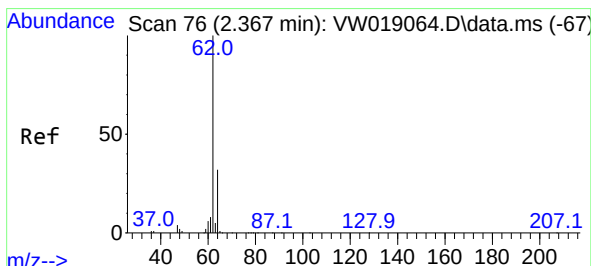
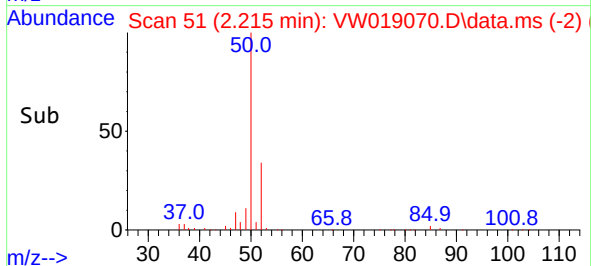
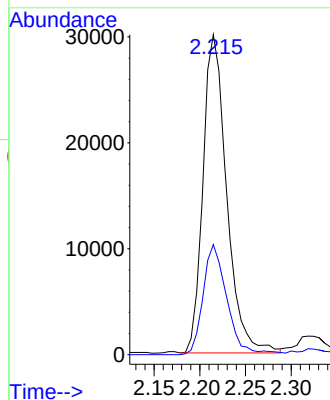
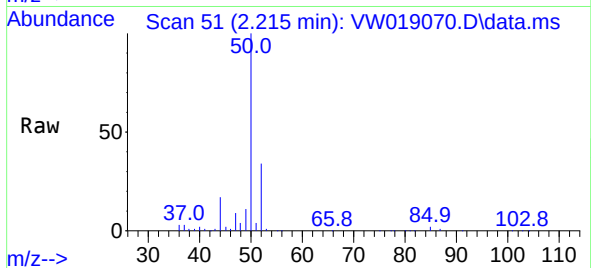
#3
Chloromethane
Concen: 19.63 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 50 Resp: 54135
Ion Ratio Lower Upper
50 100
52 34.6 26.9 40.3

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

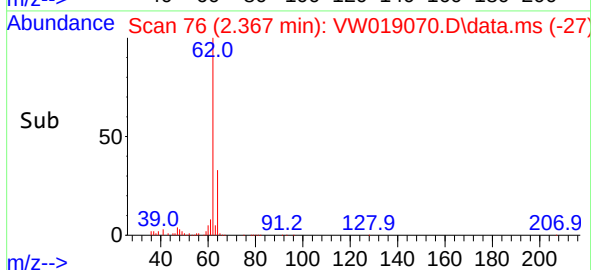
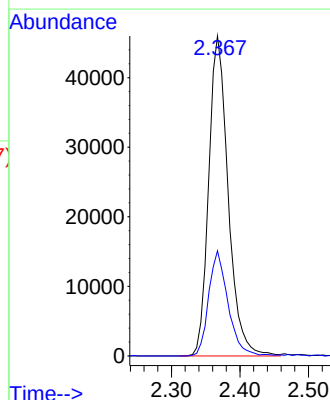
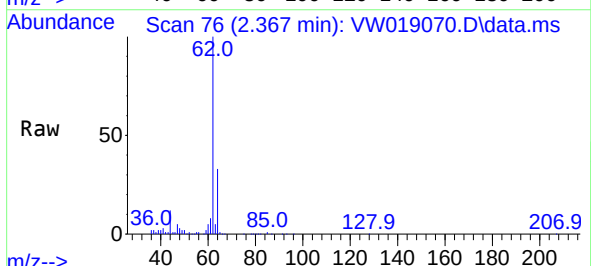
Manual Integrations
APPROVED

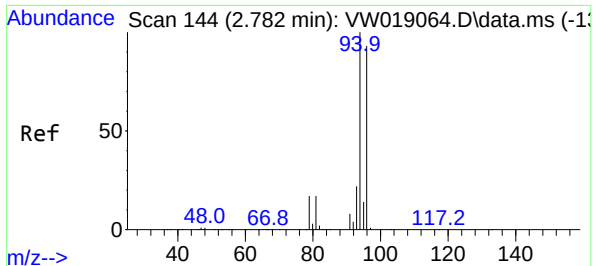
MMDadoda
5/25/2021 5:58:45 PM



#4
Vinyl Chloride
Concen: 21.05 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 62 Resp: 91003
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





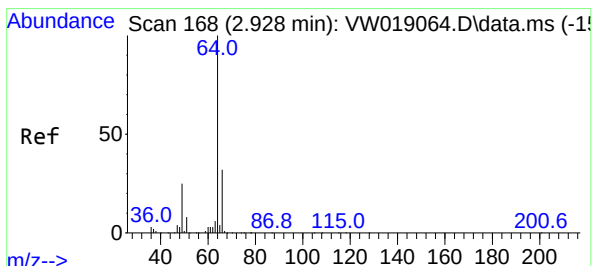
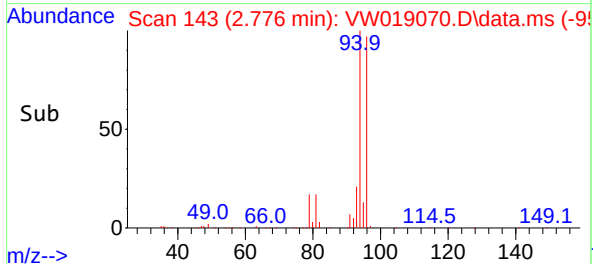
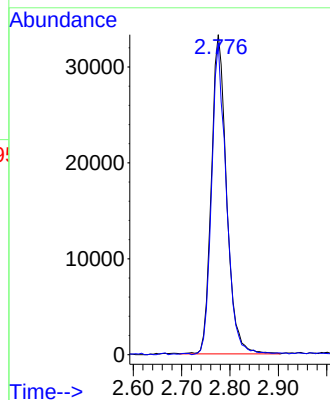
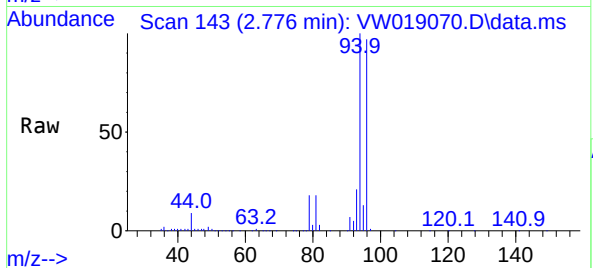
#5
Bromomethane
Concen: 20.79 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 94 Resp: 72706
Ion Ratio Lower Upper
94 100
96 97.5 76.4 114.6

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

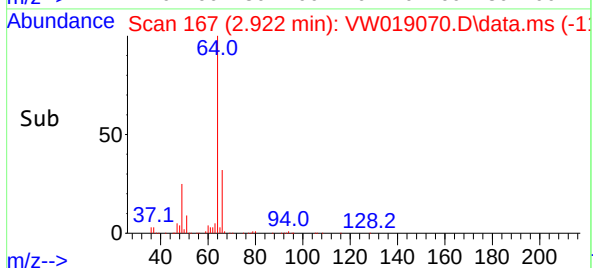
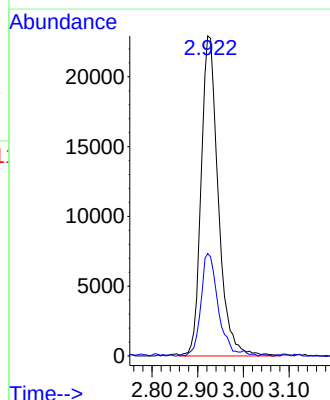
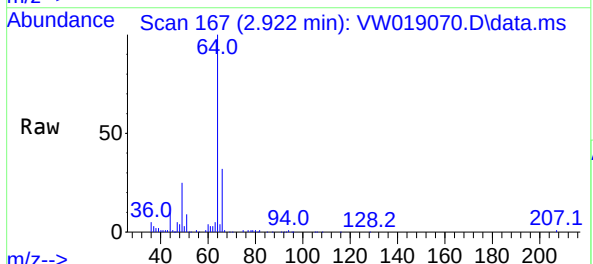
Manual Integrations
APPROVED

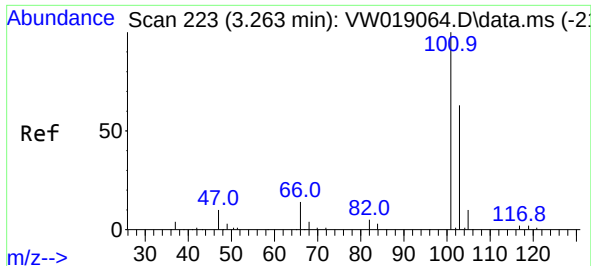
MMDadoda
5/25/2021 5:58:45 PM



#6
Chloroethane
Concen: 20.78 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 64 Resp: 59693
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9





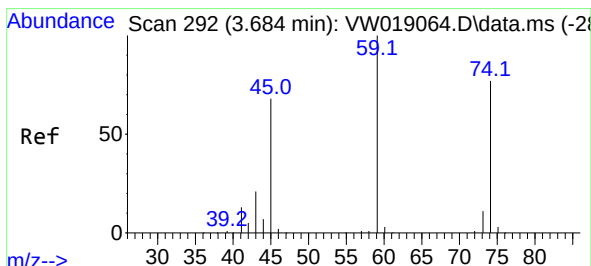
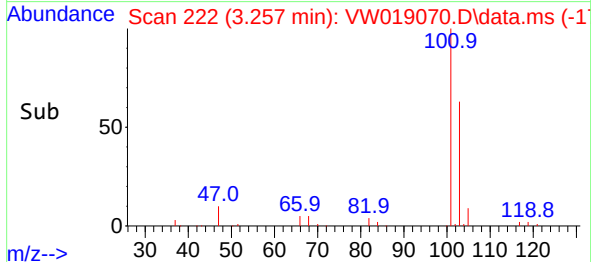
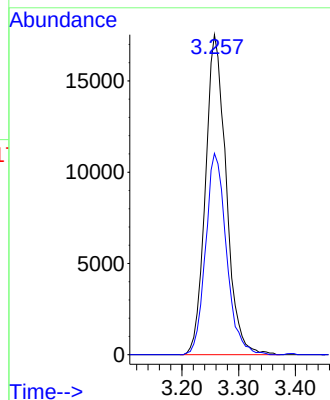
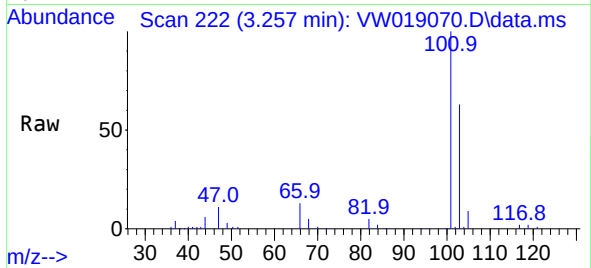
#7
 Trichlorofluoromethane
 Concen: 17.74 ug/l
 RT: 3.257 min Scan# 222
 Delta R.T. -0.006 min
 Lab File: VW019070.D
 Acq: 24 May 2021 17:33

Tgt Ion: 101 Resp: 44491
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.2

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBSD01

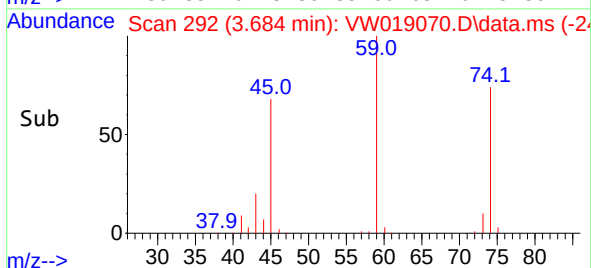
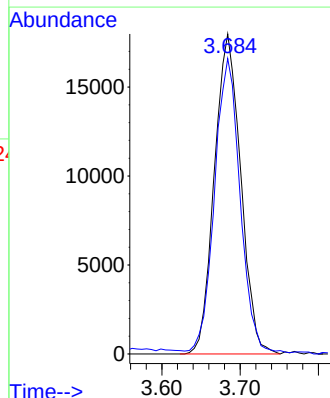
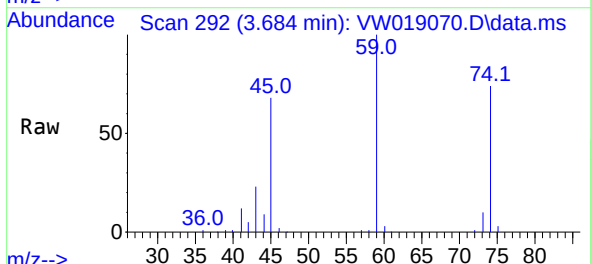
Manual Integrations
 APPROVED

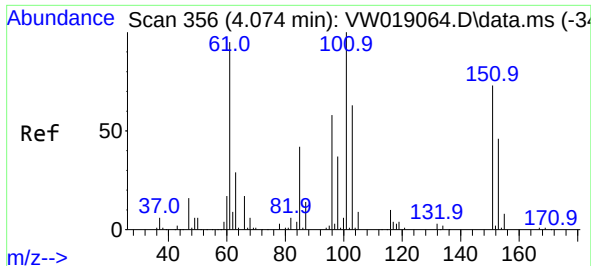
MMDadoda
 5/25/2021 5:58:45 PM



#8
 Diethyl Ether
 Concen: 21.27 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW019070.D
 Acq: 24 May 2021 17:33

Tgt Ion: 74 Resp: 42056
 Ion Ratio Lower Upper
 74 100
 45 88.9 43.3 129.8





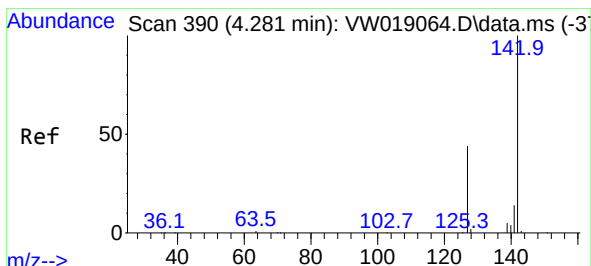
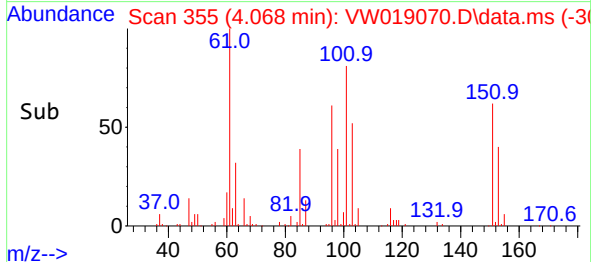
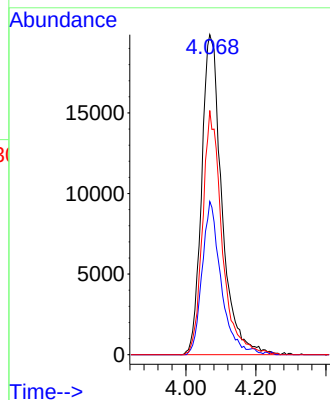
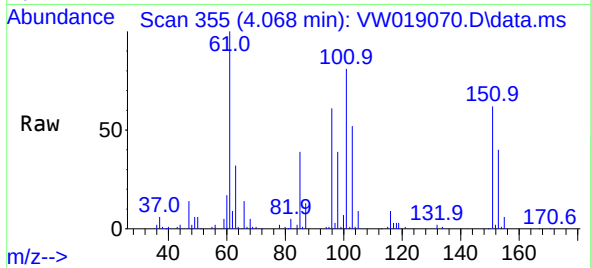
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.04 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:101 Resp: 79755
Ion Ratio Lower Upper
101 100
85 44.2 35.9 53.9
151 72.9 59.8 89.6

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

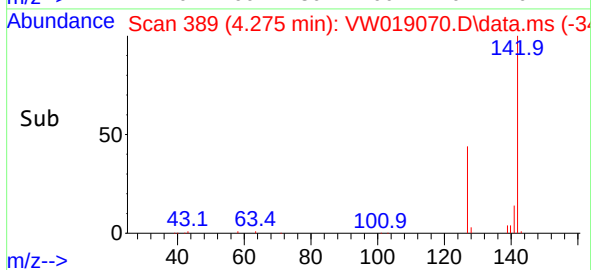
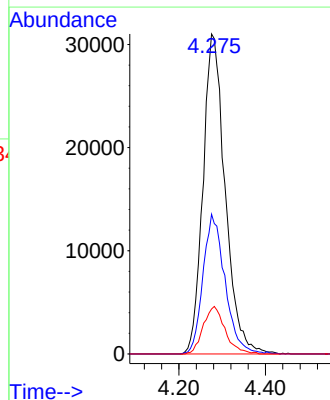
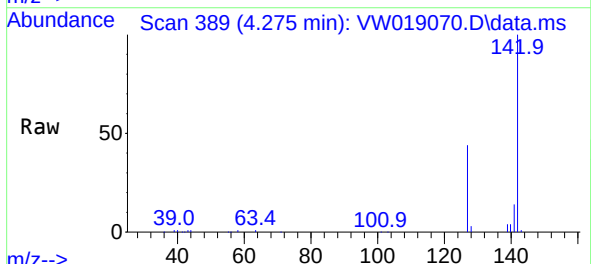
Manual Integrations
APPROVED

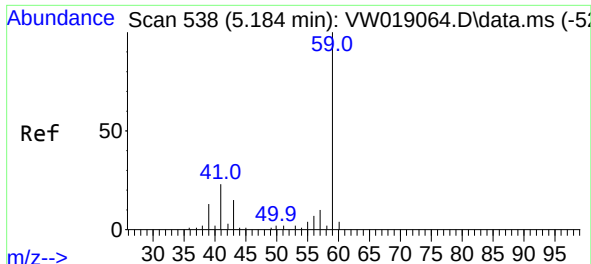
MMDadoda
5/25/2021 5:58:45 PM



#10
Methyl Iodide
Concen: 20.48 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:142 Resp: 110221
Ion Ratio Lower Upper
142 100
127 43.3 33.7 50.5
141 14.7 11.2 16.8





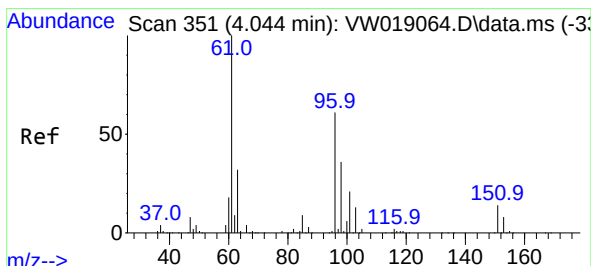
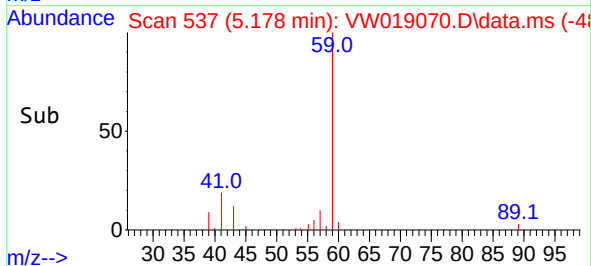
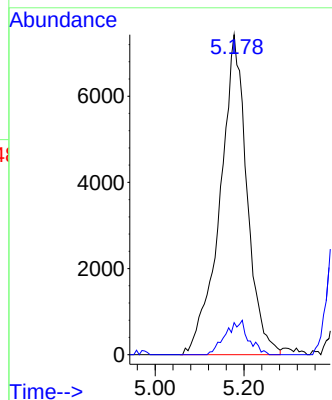
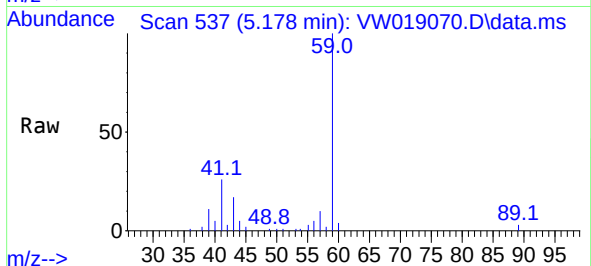
#11
Tert butyl alcohol
Concen: 144.31 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 59 Resp: 31349
Ion Ratio Lower Upper
59 100
57 9.1 8.9 13.3

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

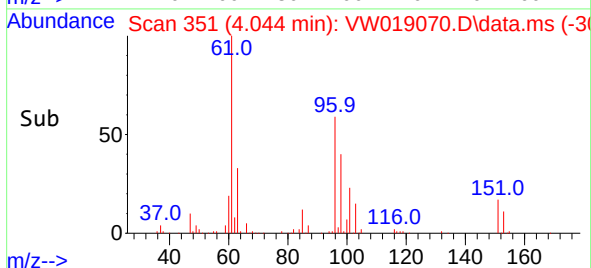
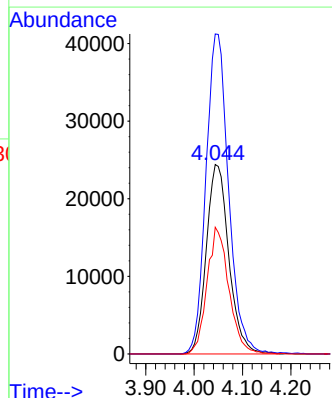
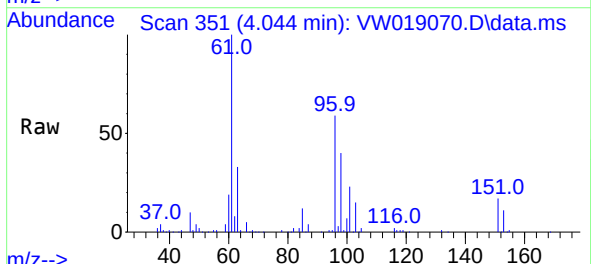
Manual Integrations
APPROVED

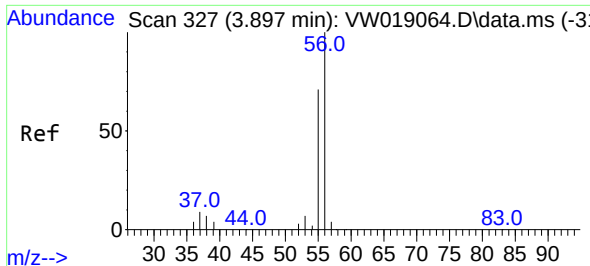
MMDadoda
5/25/2021 5:58:45 PM



#12
1,1-Dichloroethene
Concen: 20.07 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 96 Resp: 79161
Ion Ratio Lower Upper
96 100
61 169.0 123.0 184.4
98 66.9 47.5 71.3





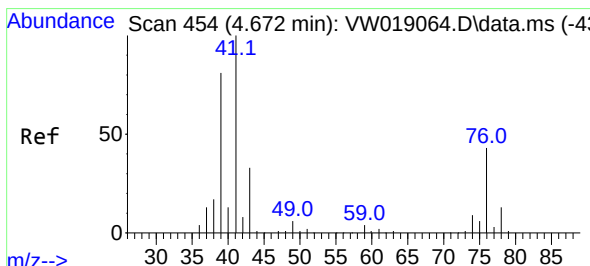
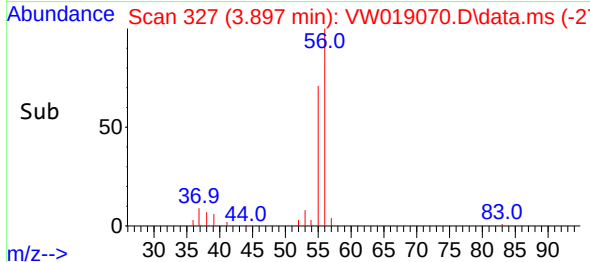
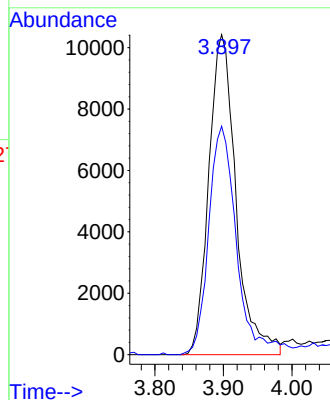
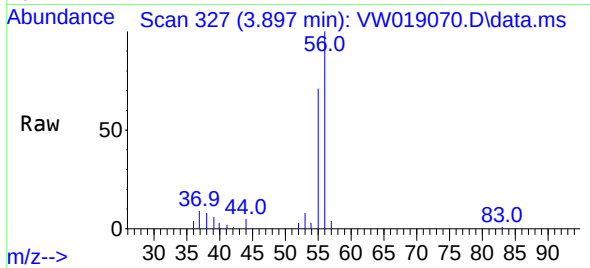
#13
Acrolein
Concen: 106.99 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 56 Resp: 28716
Ion Ratio Lower Upper
56 100
55 73.5 56.7 85.1

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

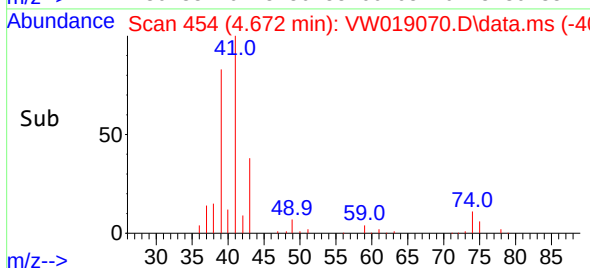
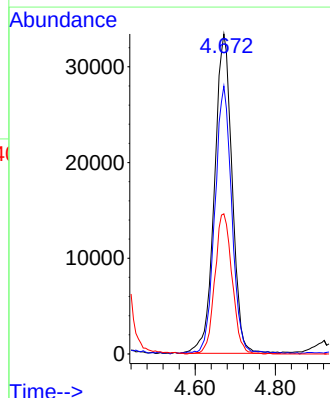
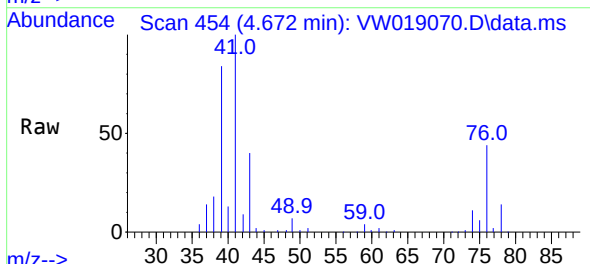
Manual Integrations
APPROVED

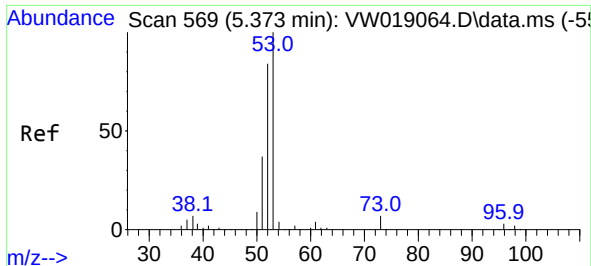
MMDadoda
5/25/2021 5:58:45 PM



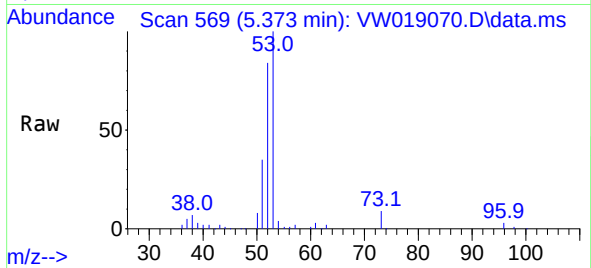
#14
Allyl chloride
Concen: 19.37 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 41 Resp: 102103
Ion Ratio Lower Upper
41 100
39 80.1 63.9 95.9
76 42.7 35.1 52.7

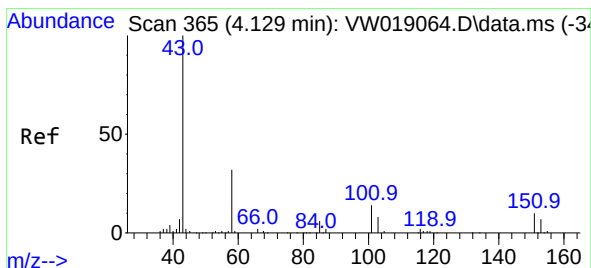
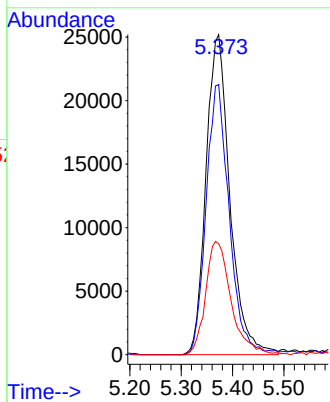
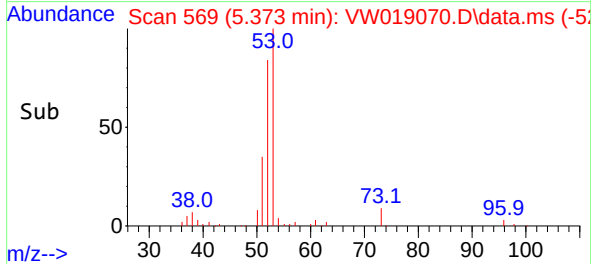




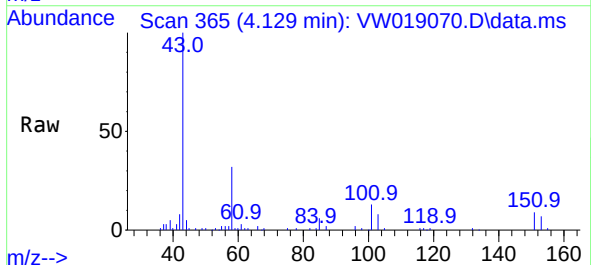
#15
Acrylonitrile
Concen: 111.90 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



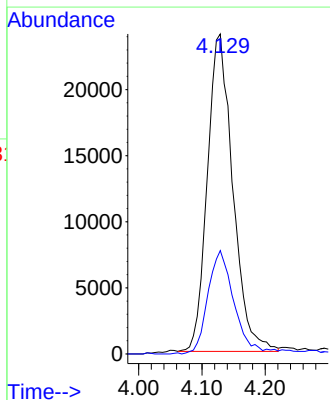
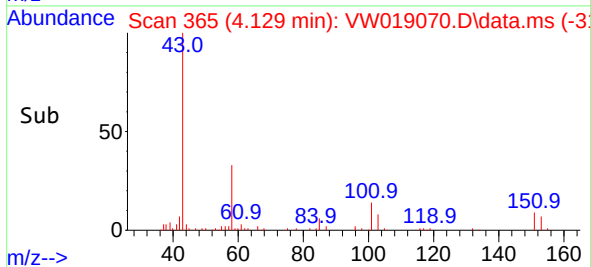
Tgt Ion:	53	Resp:	81330
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.5	99.7
51	37.8	29.8	44.8



#16
Acetone
Concen: 98.48 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



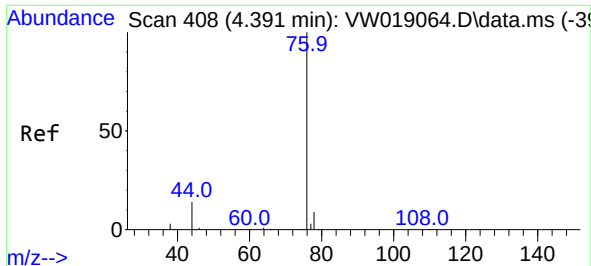
Tgt Ion:	43	Resp:	67321
Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.4	39.6



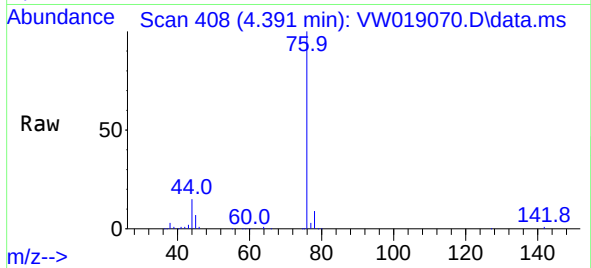
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

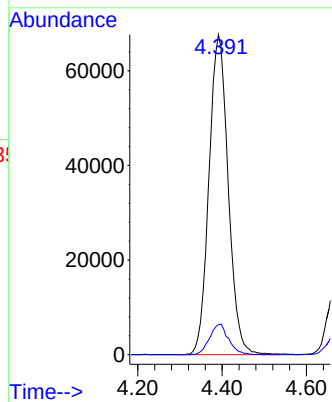
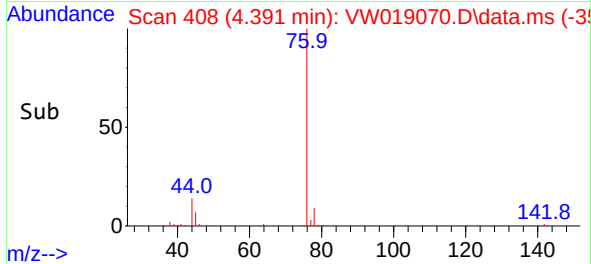
MMDadoda
5/25/2021 5:58:45 PM



#17
Carbon Disulfide
Concen: 20.10 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



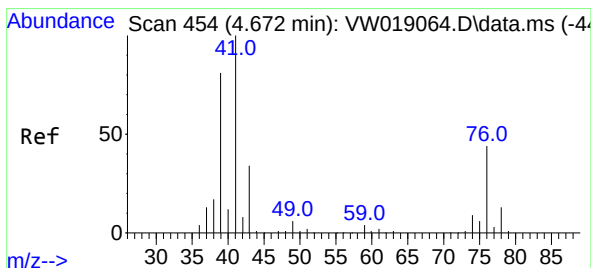
Tgt Ion: 76 Resp: 214392
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



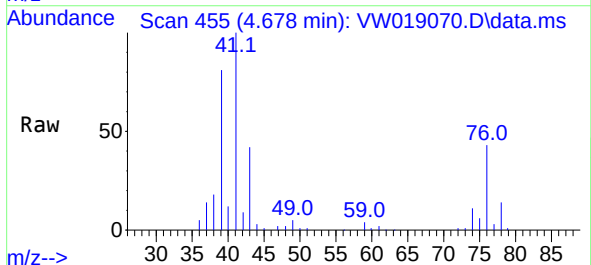
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

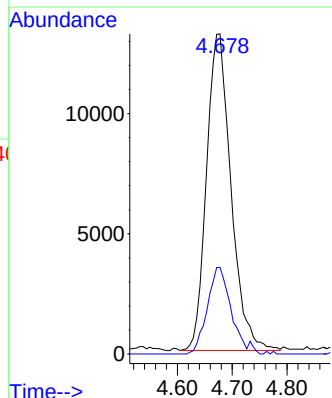
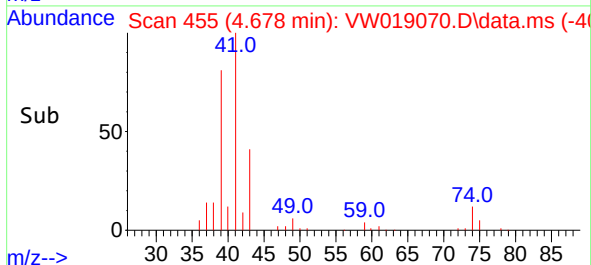
MMDadoda
5/25/2021 5:58:45 PM

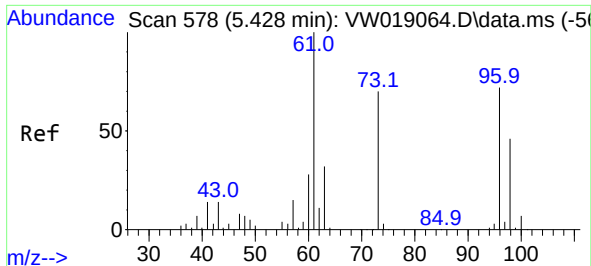


#18
Methyl Acetate
Concen: 22.09 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 43 Resp: 40849
Ion Ratio Lower Upper
43 100
74 26.8 21.8 32.8





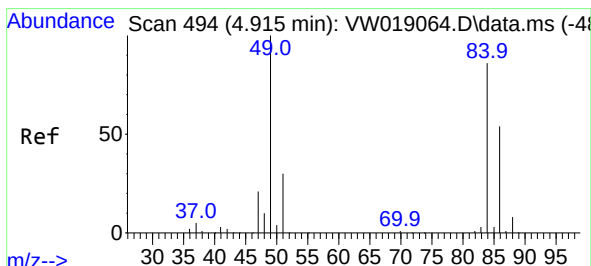
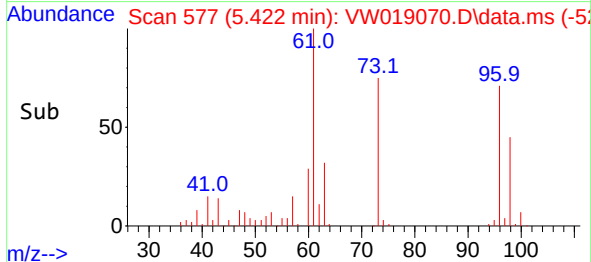
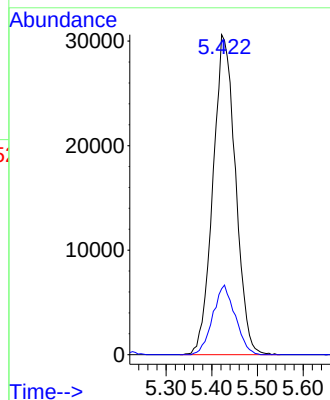
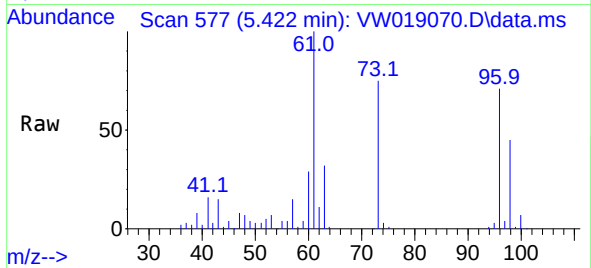
#19
Methyl tert-butyl Ether
Concen: 21.85 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 73 Resp: 104859
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

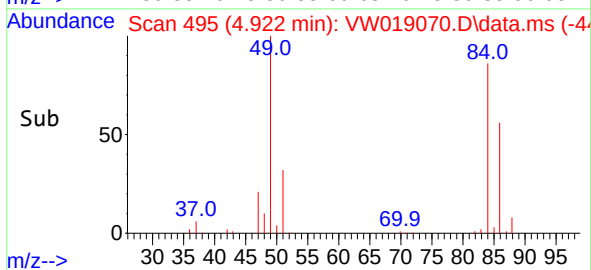
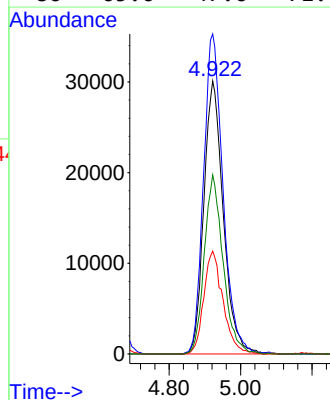
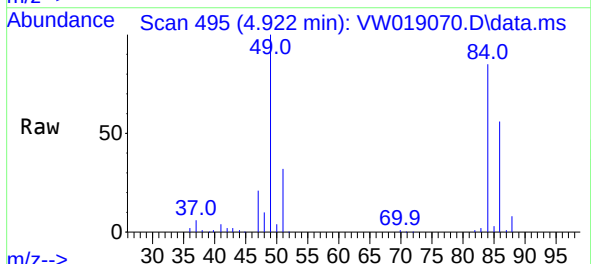
Manual Integrations
APPROVED

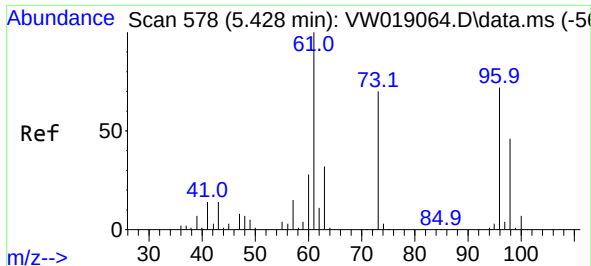
MMDadoda
5/25/2021 5:58:45 PM



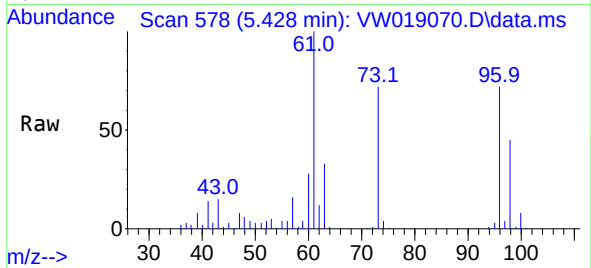
#20
Methylene Chloride
Concen: 24.58 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 84 Resp: 113449
Ion Ratio Lower Upper
84 100
49 117.2 90.4 135.6
51 37.7 27.1 40.7
86 65.6 47.6 71.4



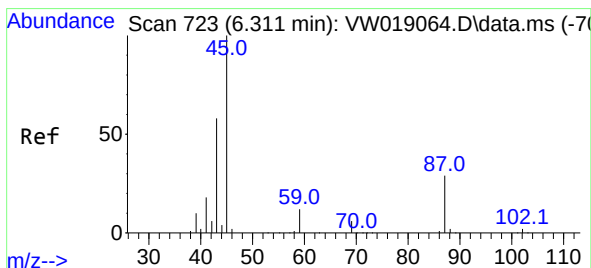
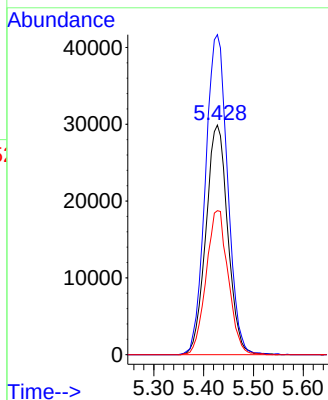
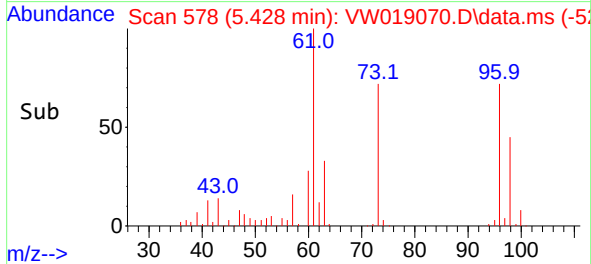


#21
trans-1,2-Dichloroethene
Concen: 20.72 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

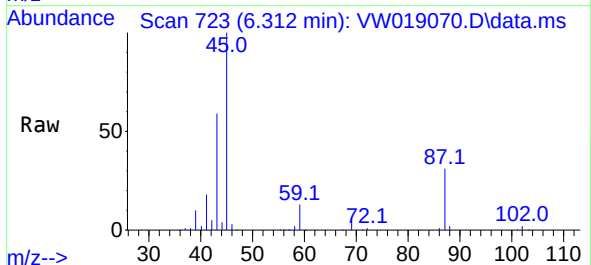


Tgt Ion: 96 Resp: 91182

Ion	Ratio	Lower	Upper
96	100		
61	139.4	108.5	162.7
98	62.7	49.4	74.0

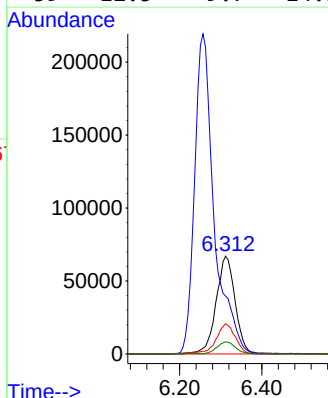
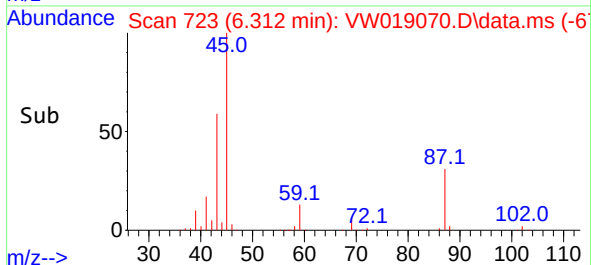


#22
Diisopropyl ether
Concen: 21.01 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 45 Resp: 214418

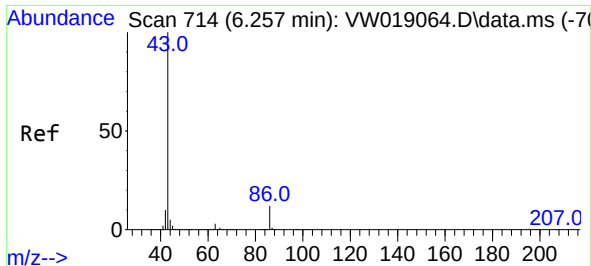
Ion	Ratio	Lower	Upper
45	100		
43	58.6	46.1	69.1
87	31.0	23.4	35.2
59	12.5	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

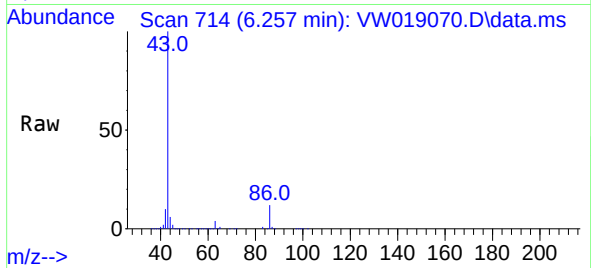
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



#23
 Vinyl Acetate
 Concen: 107.57 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW019070.D
 Acq: 24 May 2021 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBSD01

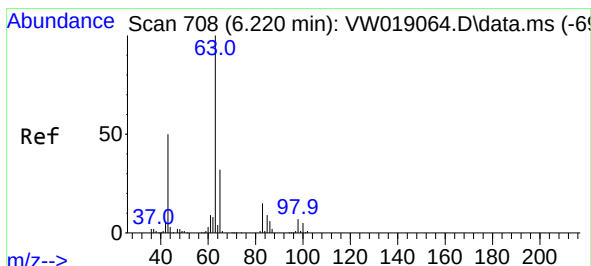
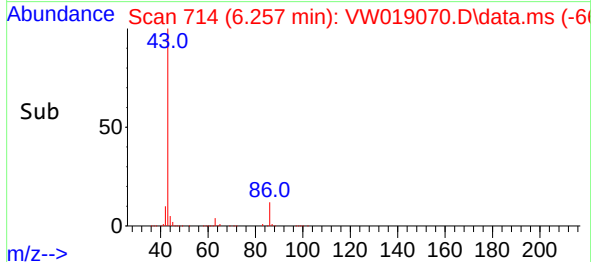
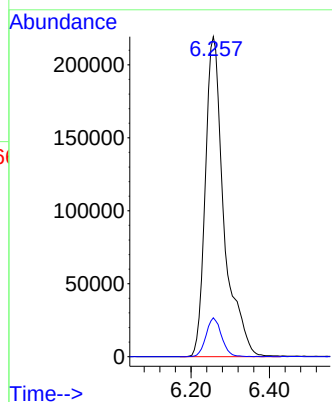


Tgt Ion: 43 Resp: 723818

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.6	14.4

Manual Integrations
 APPROVED

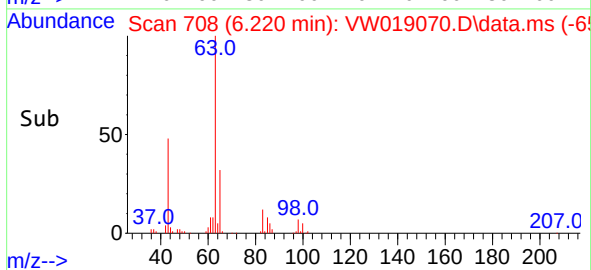
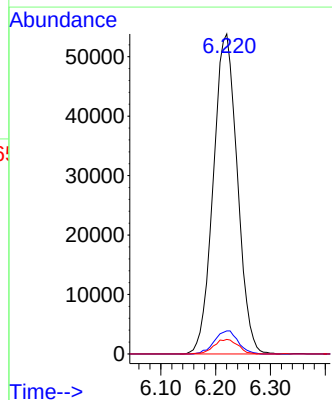
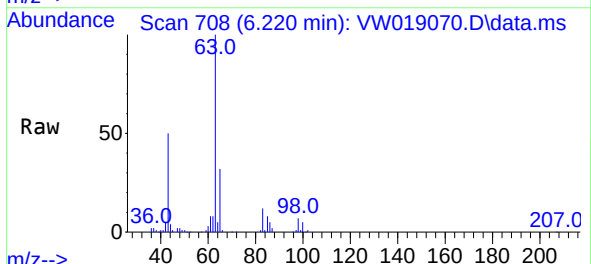
MMDadoda
 5/25/2021 5:58:45 PM

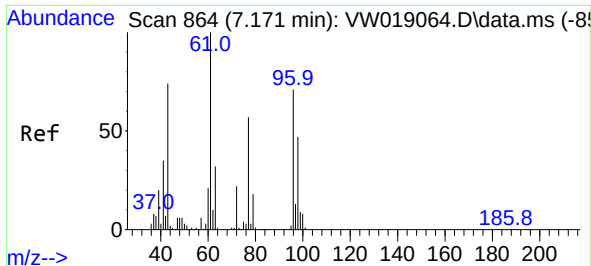


#24
 1,1-Dichloroethane
 Concen: 20.71 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019070.D
 Acq: 24 May 2021 17:33

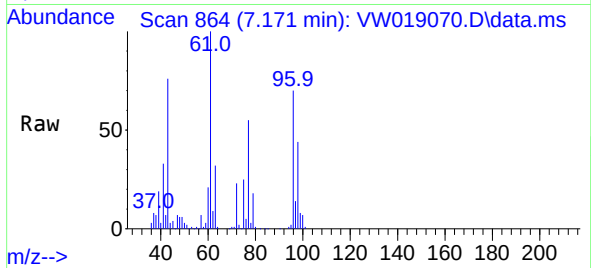
Tgt Ion: 63 Resp: 163777

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.9
100	4.5	2.3	6.8

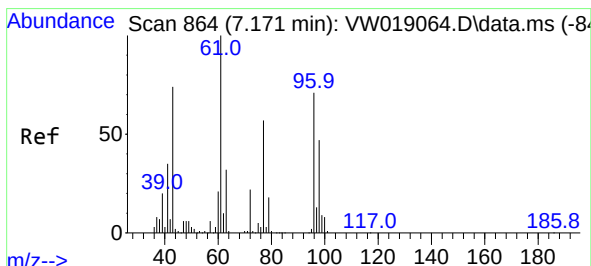
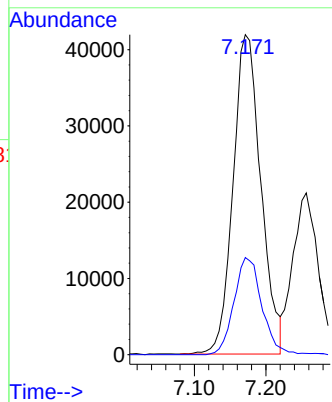
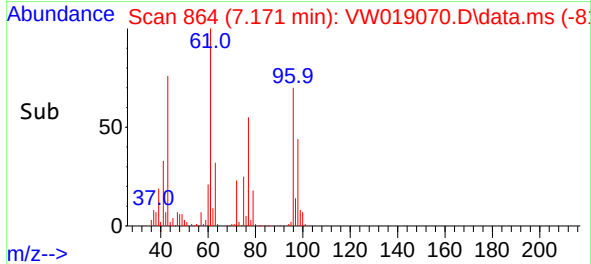




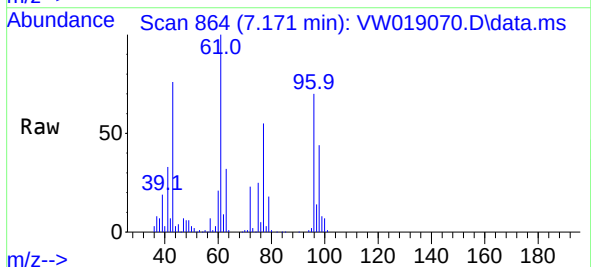
#25
2-Butanone
Concen: 112.21 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



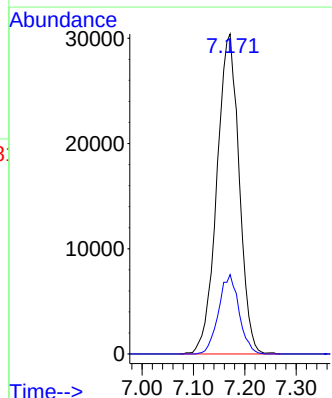
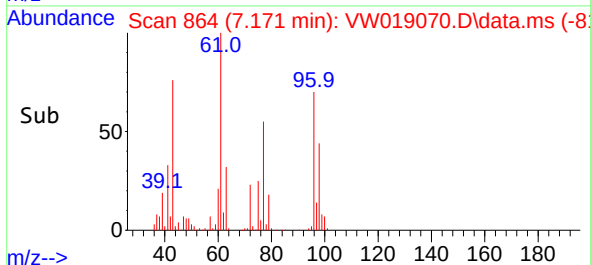
Tgt Ion: 43 Resp: 113225
Ion Ratio Lower Upper
43 100
72 30.4 24.0 36.0



#26
2,2-Dichloropropane
Concen: 20.26 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



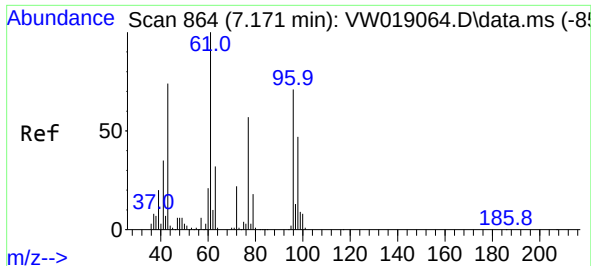
Tgt Ion: 77 Resp: 91595
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.3



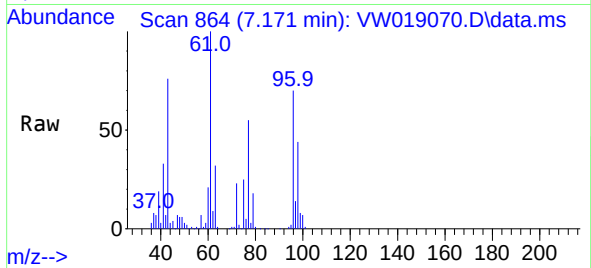
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

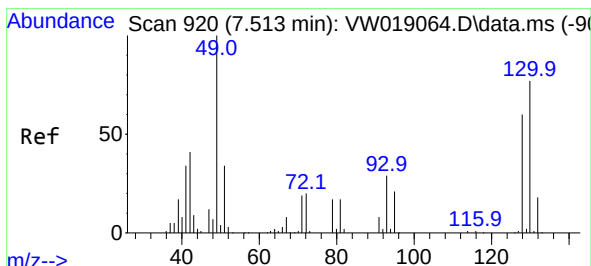
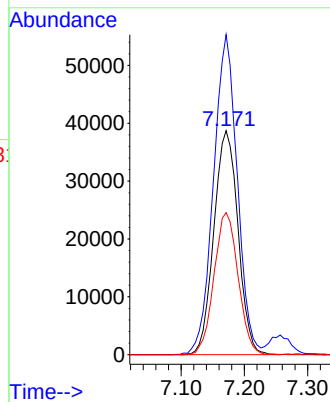
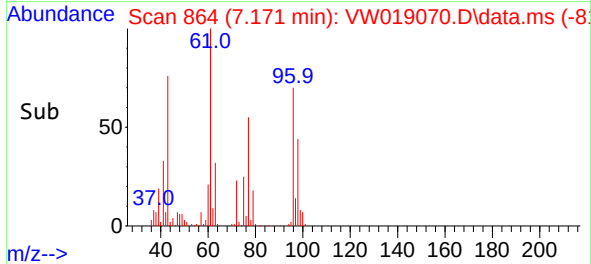
MMDadoda
5/25/2021 5:58:45 PM



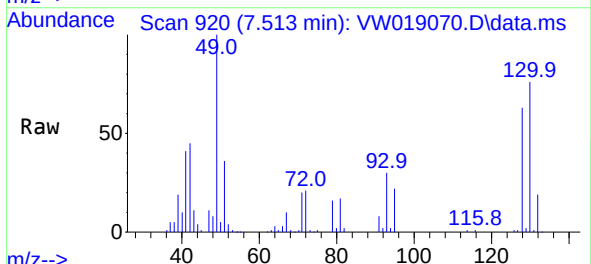
#27
cis-1,2-Dichloroethene
Concen: 21.20 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



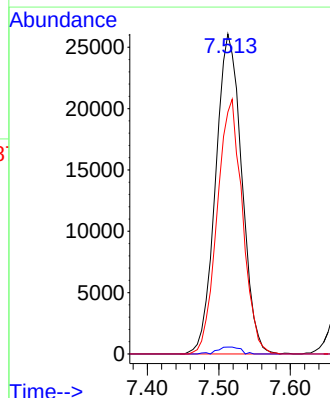
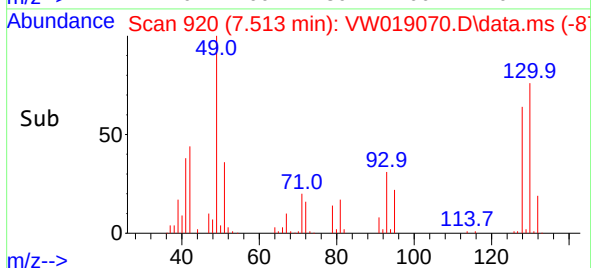
Tgt Ion: 96 Resp: 102498
Ion Ratio Lower Upper
96 100
61 140.9 0.0 281.2
98 63.4 0.0 127.4



#28
Bromochloromethane
Concen: 21.16 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



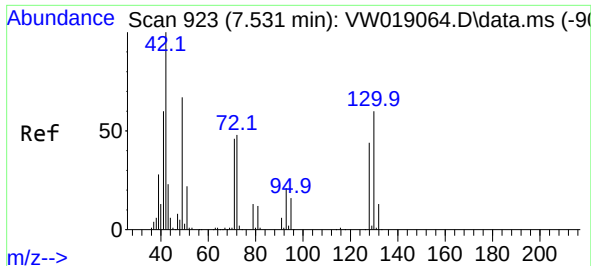
Tgt Ion: 49 Resp: 66240
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 76.9 63.0 94.4



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



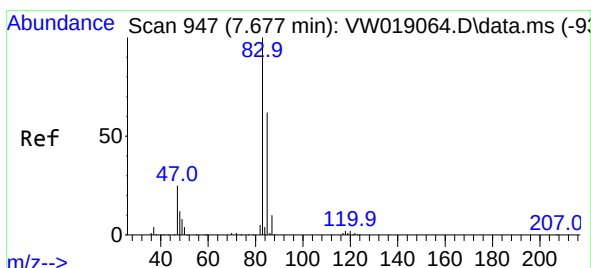
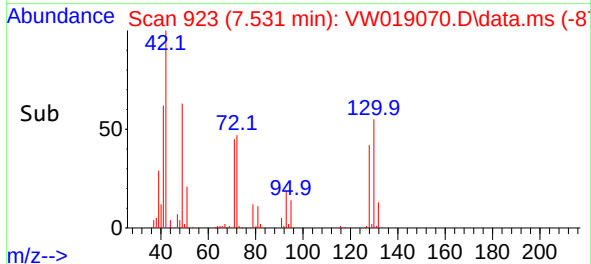
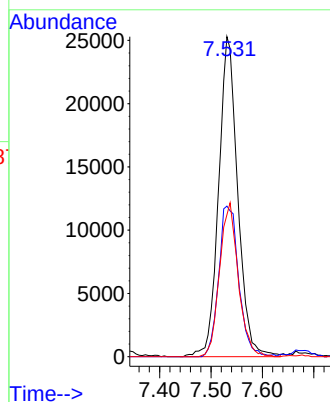
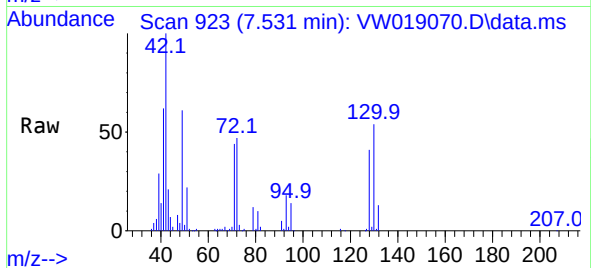
#29
Tetrahydrofuran
Concen: 114.34 ug/l
RT: 7.531 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	42	Resp:	65355
Ion Ratio	Lower	Upper	
42	100		
72	49.2	40.1	60.1
71	47.0	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

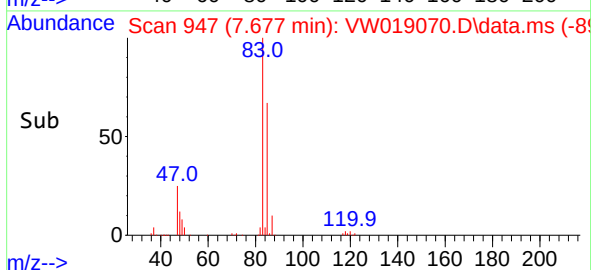
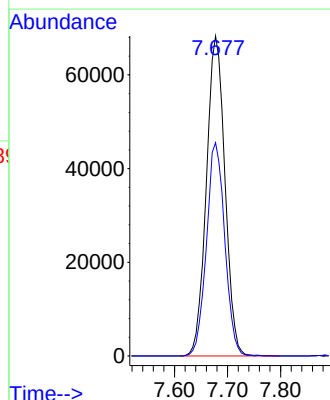
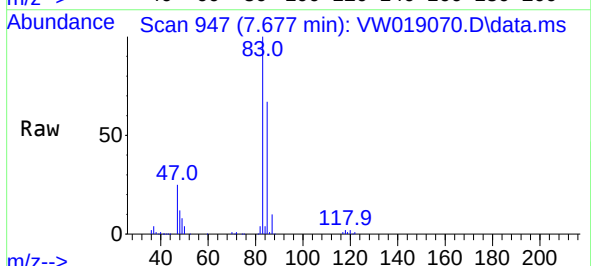
Manual Integrations
APPROVED

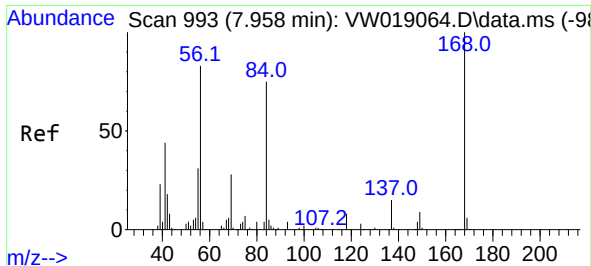
MMDadoda
5/25/2021 5:58:45 PM



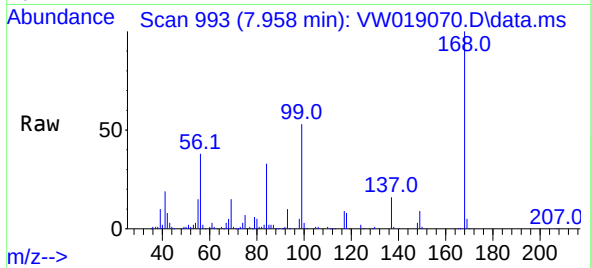
#30
Chloroform
Concen: 20.82 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	83	Resp:	165955
Ion Ratio	Lower	Upper	
83	100		
85	66.6	53.4	80.0

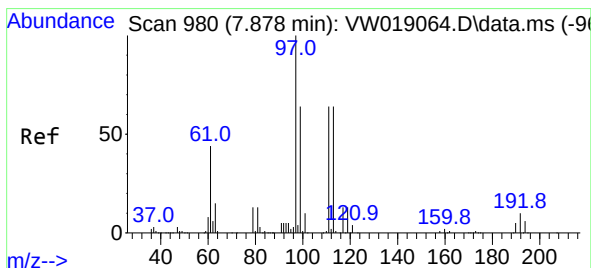
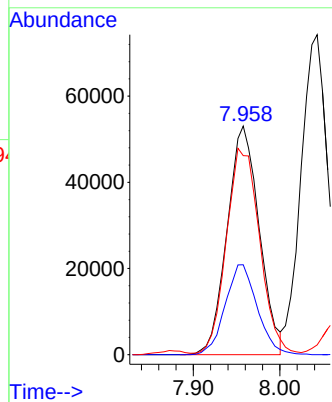
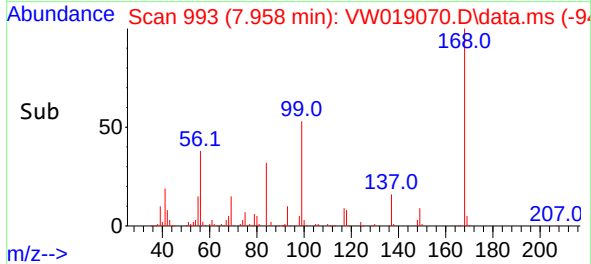




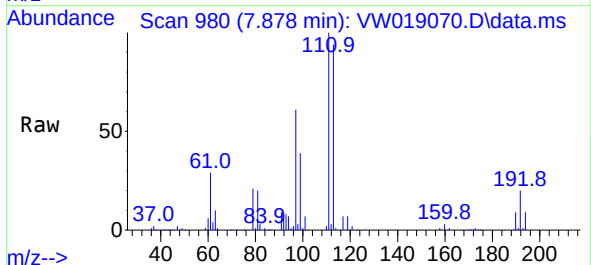
#31
Cyclohexane
Concen: 20.33 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



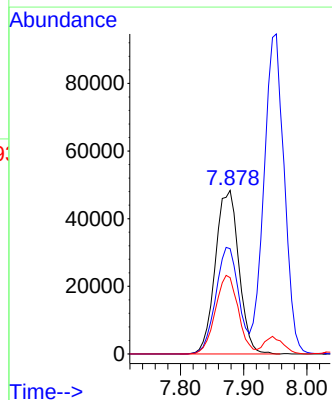
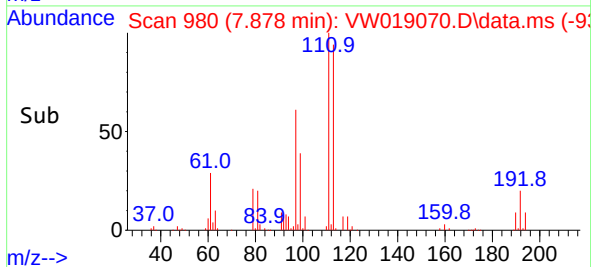
Tgt Ion: 56 Resp: 136771
Ion Ratio Lower Upper
56 100
69 39.3 28.4 42.6
84 85.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 20.34 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



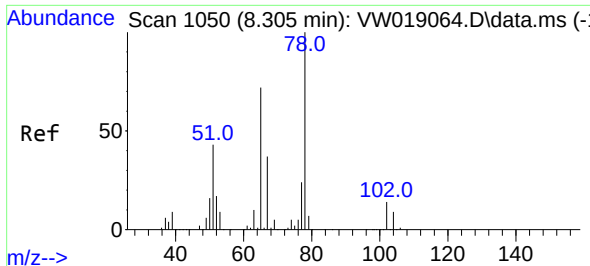
Tgt Ion: 97 Resp: 124639
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.4
61 47.1 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



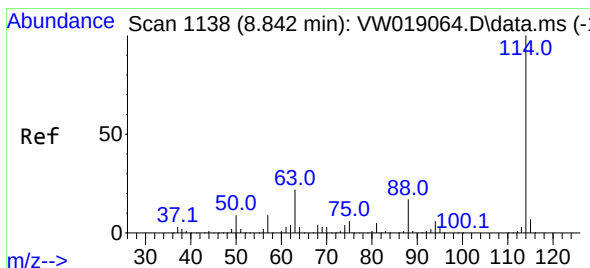
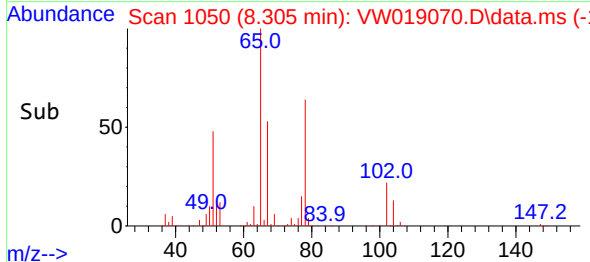
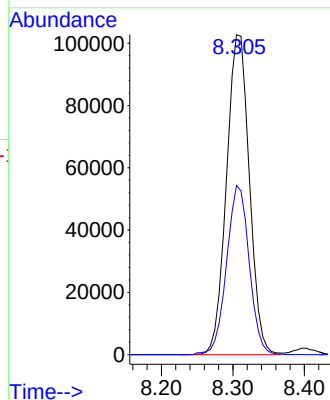
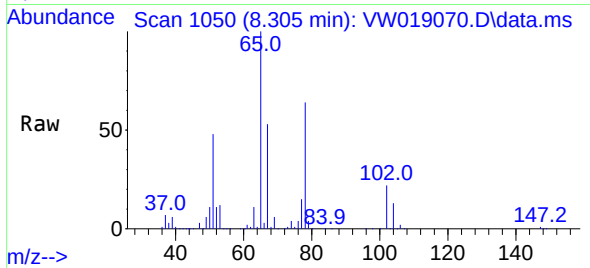
#33
1,2-Dichloroethane-d4
Concen: 51.39 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 65 Resp: 228231
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

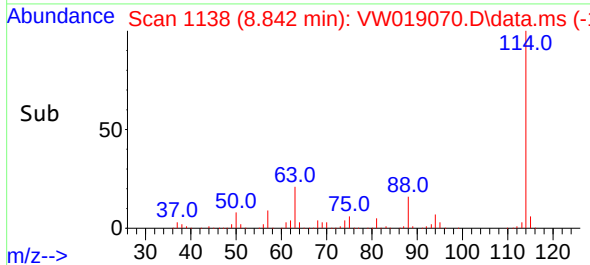
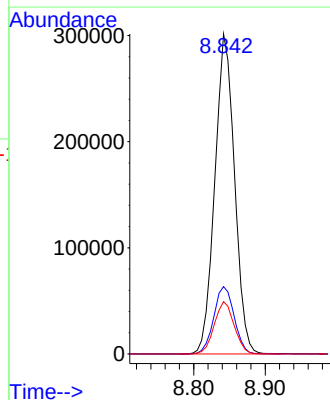
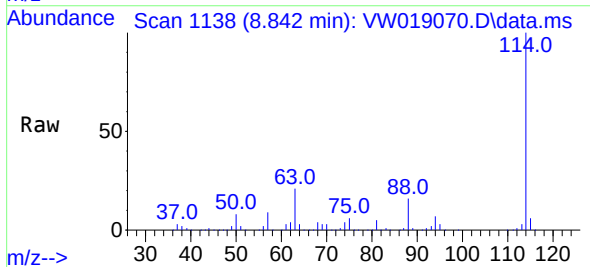
Manual Integrations
APPROVED

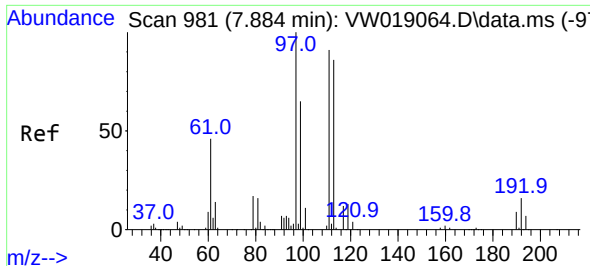
MMDadoda
5/25/2021 5:58:45 PM



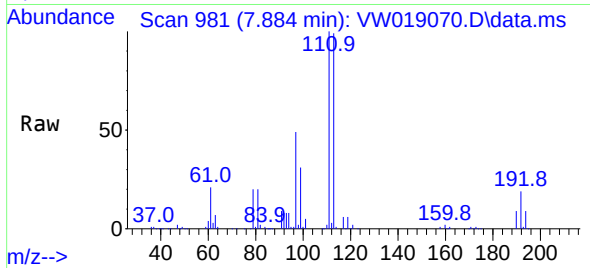
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 114 Resp: 577304
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.4 0.0 33.2

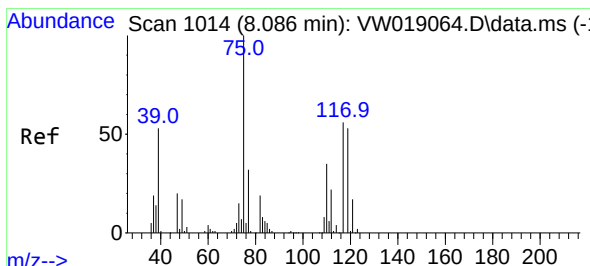
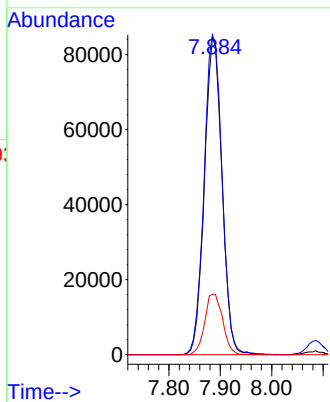
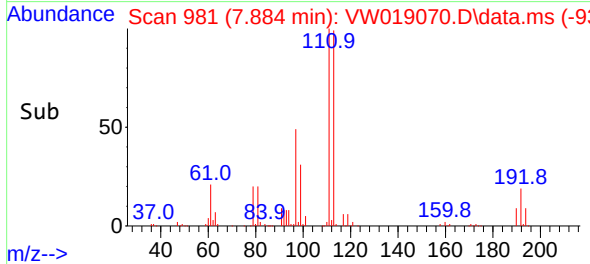




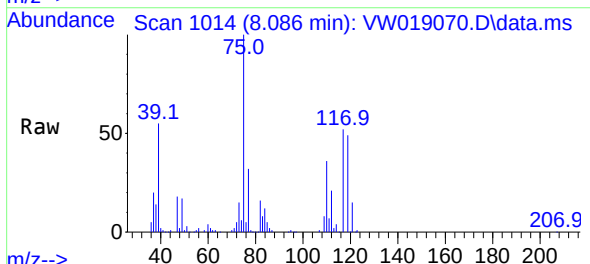
#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



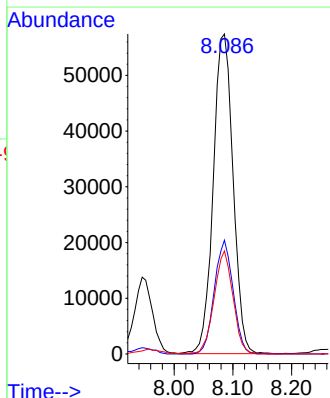
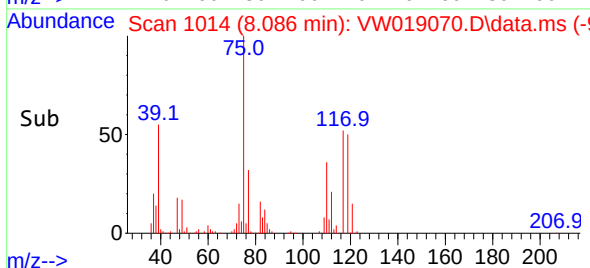
Tgt Ion: 113 Resp: 200435
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 20.86 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



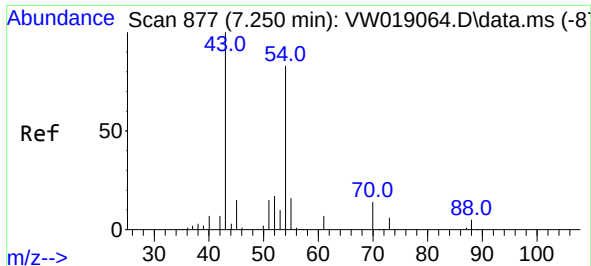
Tgt Ion: 75 Resp: 134415
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 30.6 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



#37

Ethyl Acetate

Concen: 23.24 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.006 min

Lab File: VW019070.D

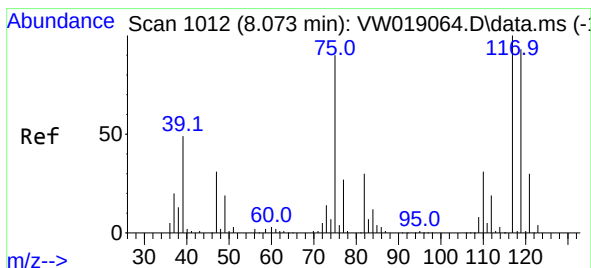
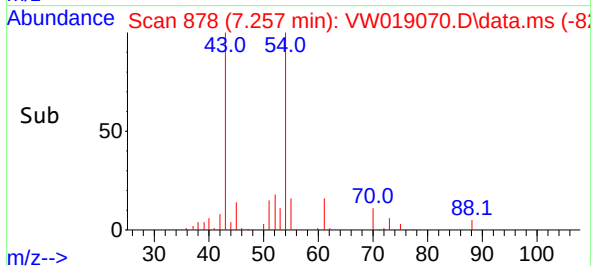
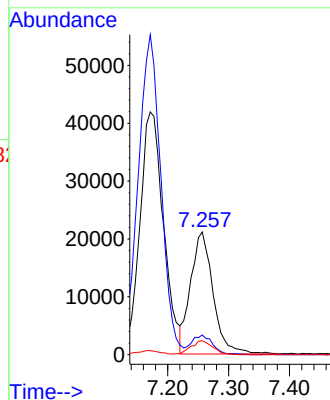
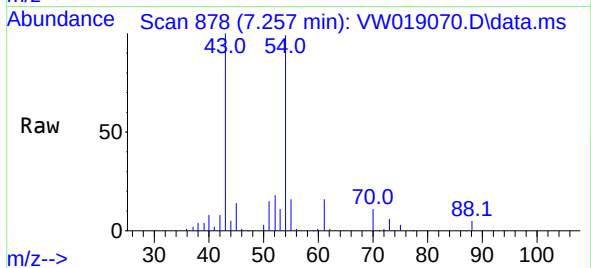
Acq: 24 May 2021 17:33

Tgt Ion:	43	Resp:	54136
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	11.2	9.5	14.3

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



#38

Carbon Tetrachloride

Concen: 20.37 ug/l

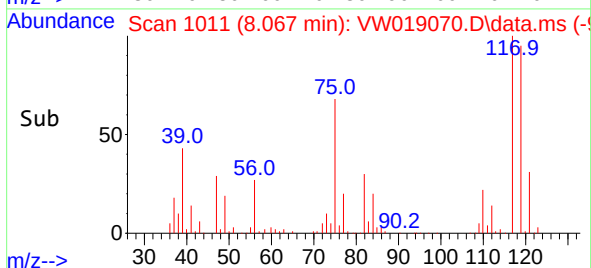
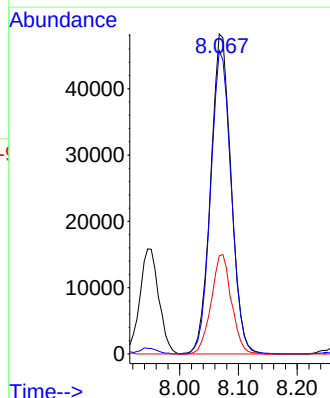
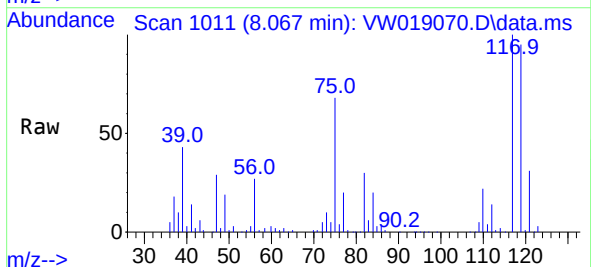
RT: 8.067 min Scan# 1011

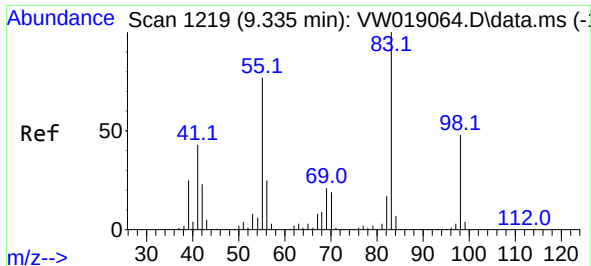
Delta R.T. -0.006 min

Lab File: VW019070.D

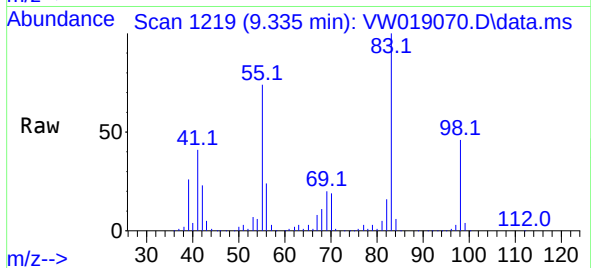
Acq: 24 May 2021 17:33

Tgt Ion:	117	Resp:	116532
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
121	30.7	23.6	35.4

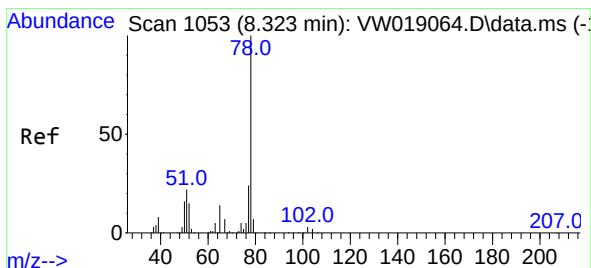
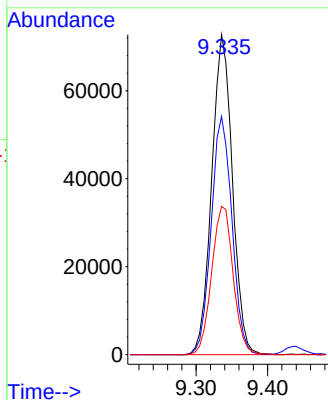
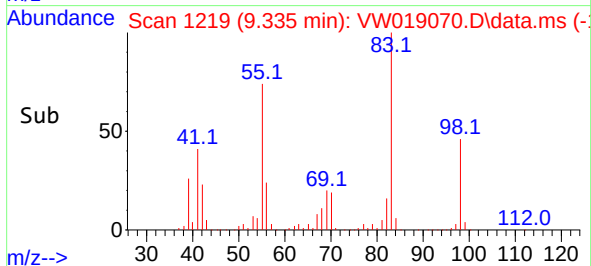




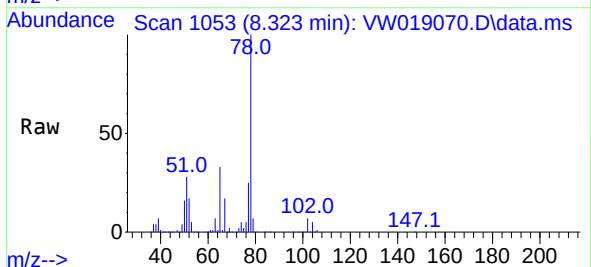
#39
Methylcyclohexane
Concen: 20.44 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



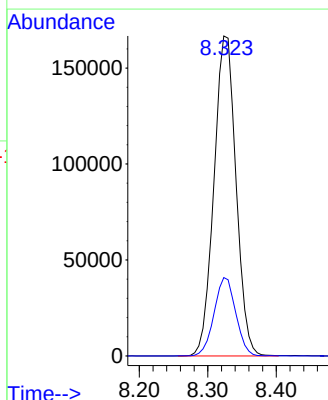
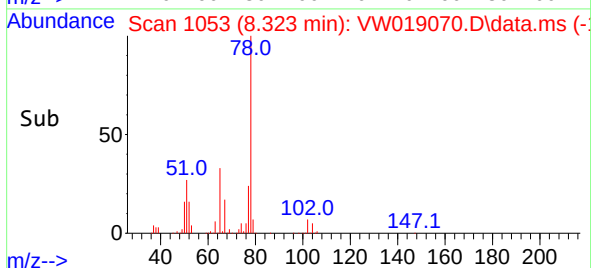
Tgt Ion: 83 Resp: 146310
Ion Ratio Lower Upper
83 100
55 74.5 60.9 91.3
98 46.3 38.4 57.6



#40
Benzene
Concen: 21.18 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



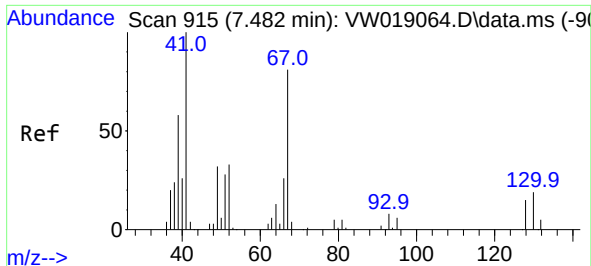
Tgt Ion: 78 Resp: 371977
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



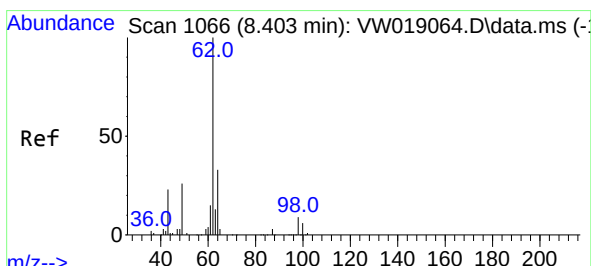
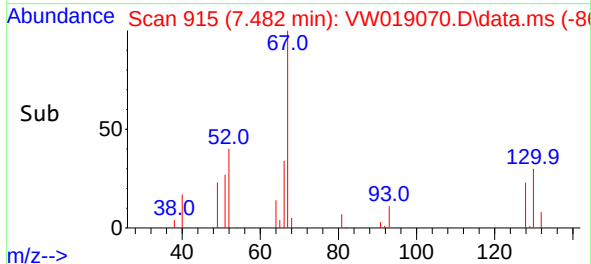
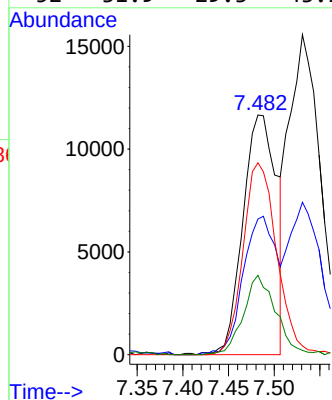
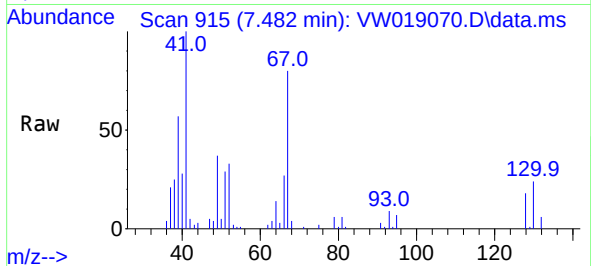
#41
Methacrylonitrile
Concen: 22.00 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	41	Resp:	29942
Ion	Ratio	Lower	Upper
41	100		
39	57.0	50.1	75.1
67	80.4	69.0	103.4
52	31.9	29.3	43.9

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

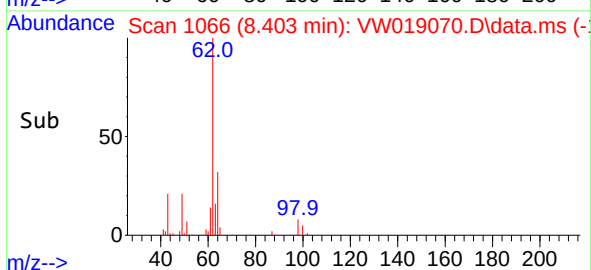
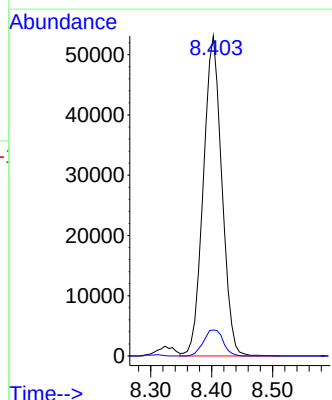
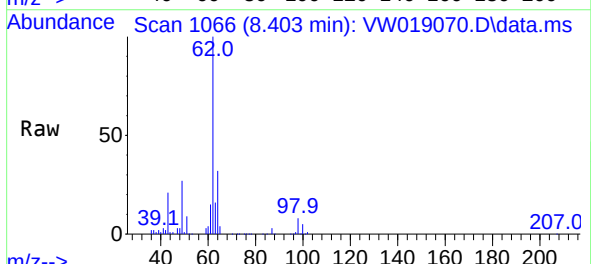
Manual Integrations
APPROVED

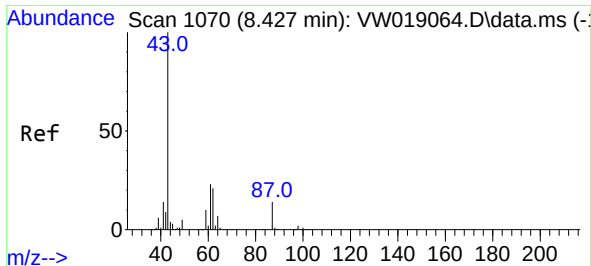
MMDadoda
5/25/2021 5:58:45 PM



#42
1,2-Dichloroethane
Concen: 21.65 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	62	Resp:	112198
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0





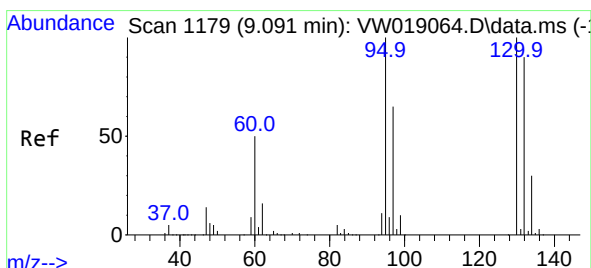
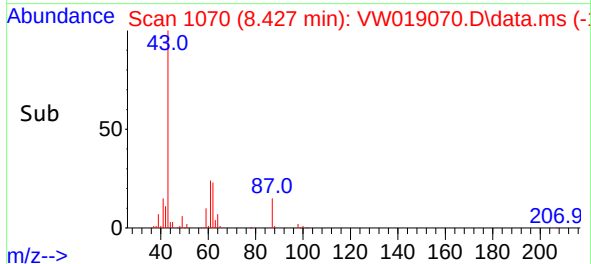
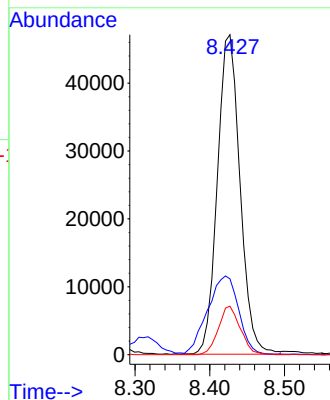
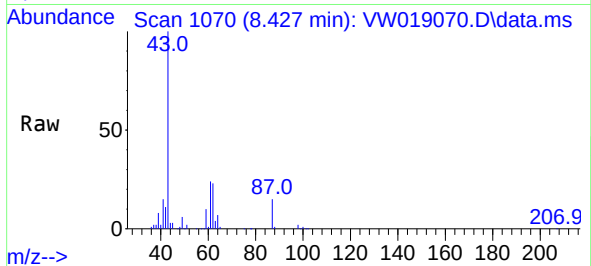
#43
Isopropyl Acetate
Concen: 22.13 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	43	Resp:	99343
Ion	Ratio	Lower	Upper
43	100		
61	33.5	27.0	40.6
87	14.7	11.6	17.4

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

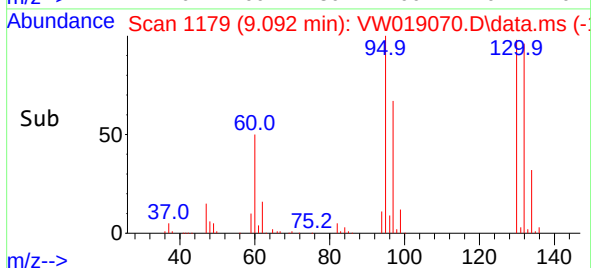
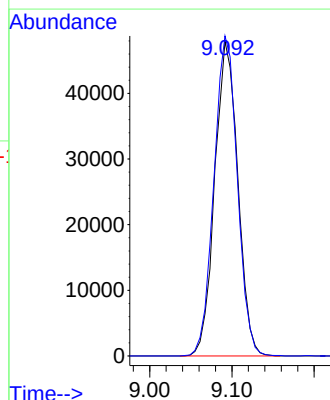
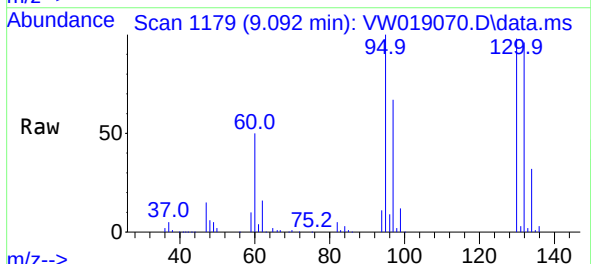
Manual Integrations
APPROVED

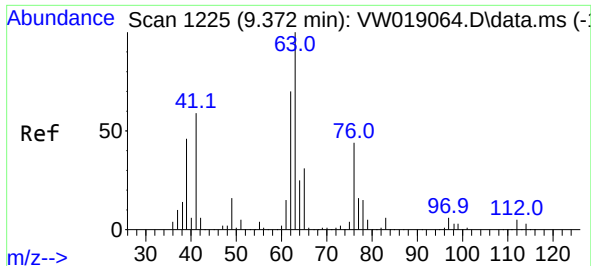
MMDadoda
5/25/2021 5:58:45 PM



#44
Trichloroethene
Concen: 20.24 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	130	Resp:	93425
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	199.0





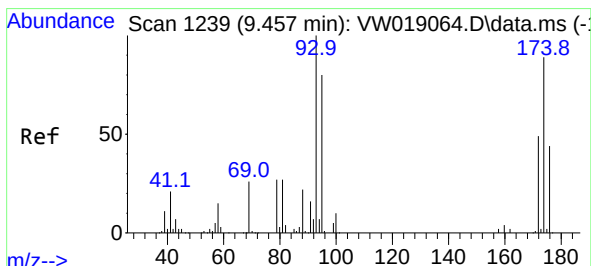
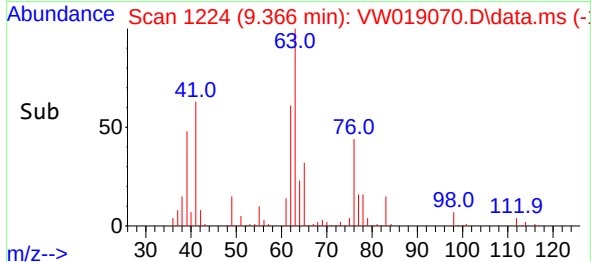
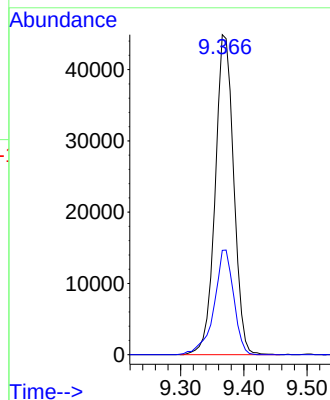
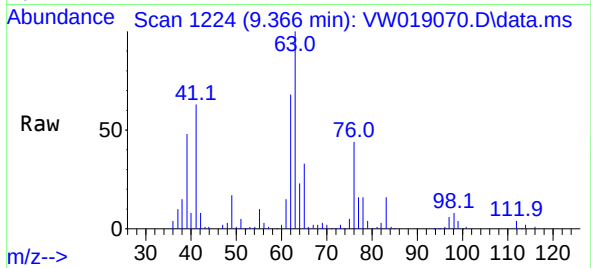
#45
1,2-Dichloropropane
Concen: 21.35 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 63 Resp: 91028
Ion Ratio Lower Upper
63 100
65 32.6 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

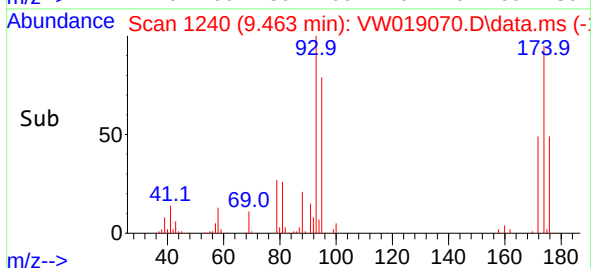
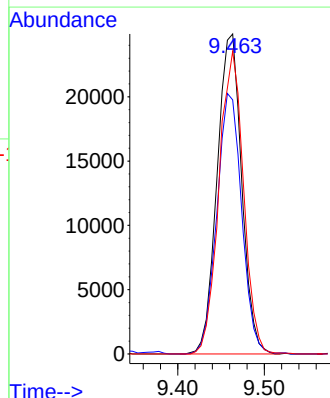
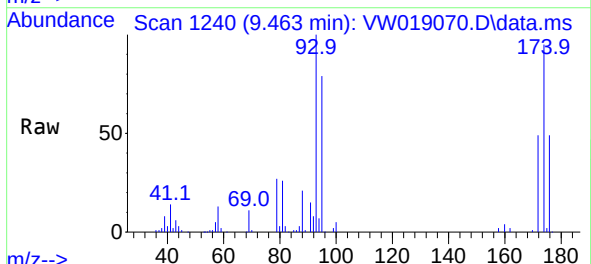
Manual Integrations
APPROVED

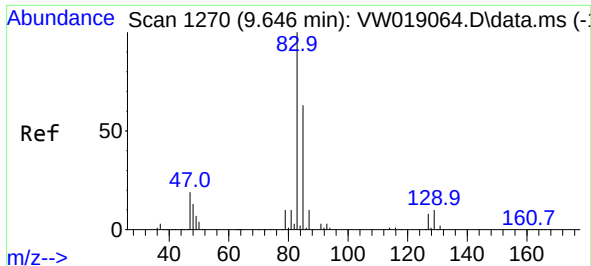
MMDadoda
5/25/2021 5:58:45 PM



#46
Dibromomethane
Concen: 22.10 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 93 Resp: 49024
Ion Ratio Lower Upper
93 100
95 82.6 66.7 100.1
174 94.3 75.3 112.9





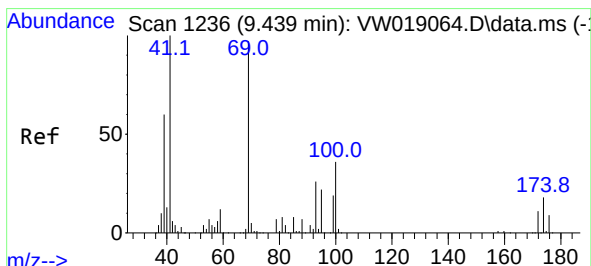
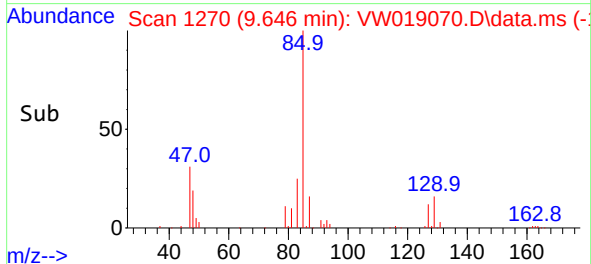
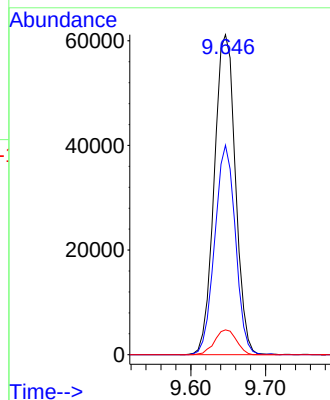
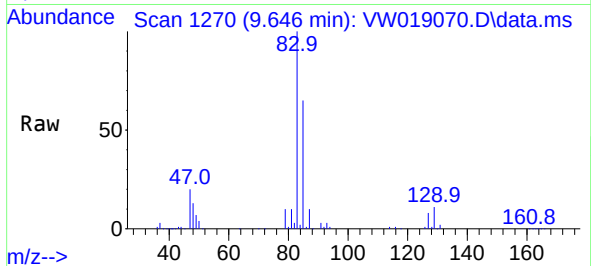
#47
Bromodichloromethane
Concen: 21.07 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	83	Resp:	120486
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.4	80.2
127	7.8	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

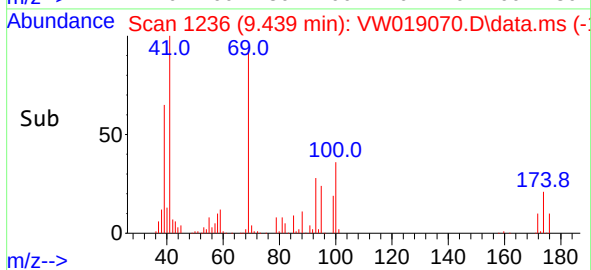
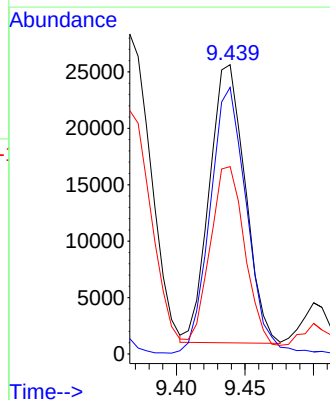
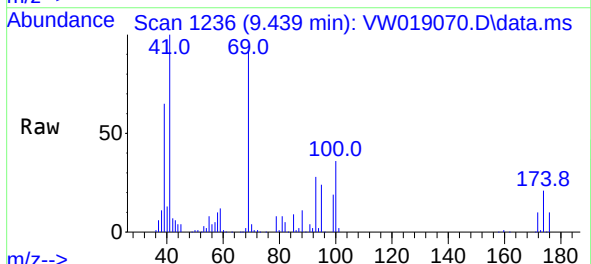
Manual Integrations
APPROVED

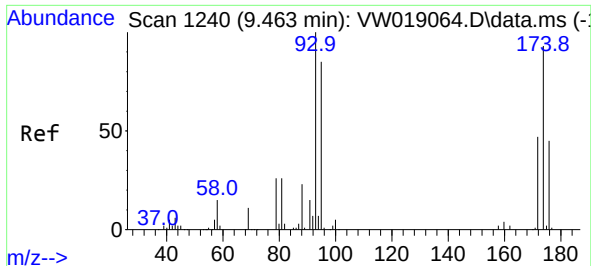
MMDadoda
5/25/2021 5:58:45 PM



#48
Methyl methacrylate
Concen: 21.33 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	41	Resp:	44776
Ion	Ratio	Lower	Upper
41	100		
69	97.7	80.2	120.2
39	68.0	51.5	77.3





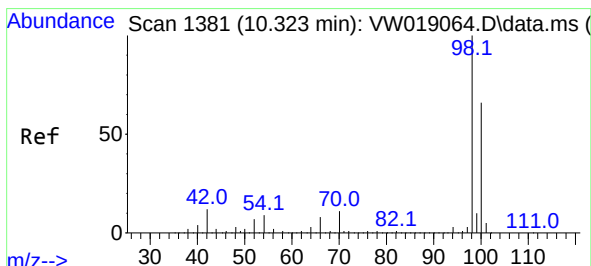
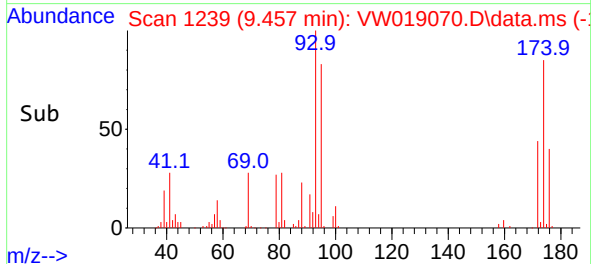
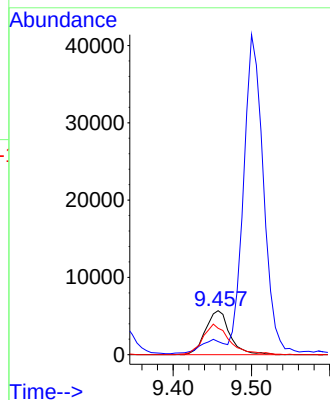
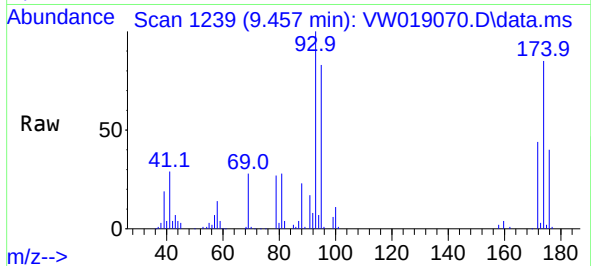
#49
1,4-Dioxane
Concen: 456.86 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 88 Resp: 12172
Ion Ratio Lower Upper
88 100
43 32.3 22.1 33.1
58 76.8 55.4 83.2

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

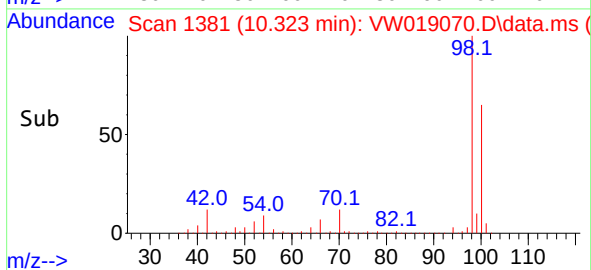
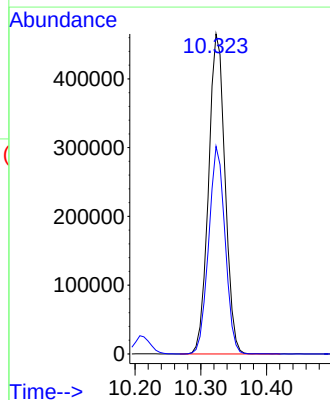
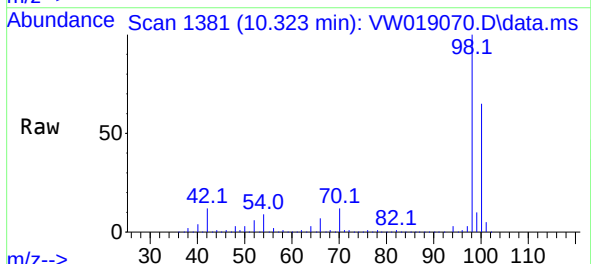
Manual Integrations
APPROVED

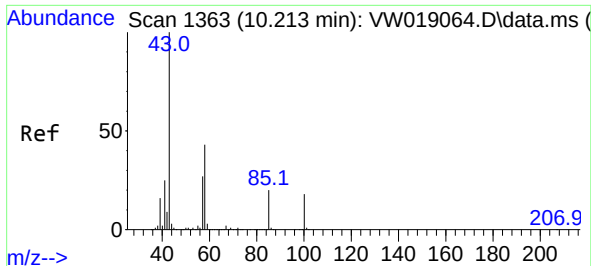
MMDadoda
5/25/2021 5:58:45 PM



#50
Toluene-d8
Concen: 50.81 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

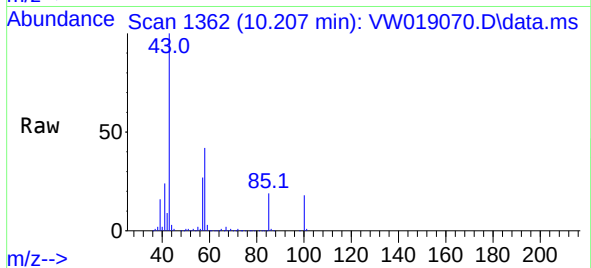
Tgt Ion: 98 Resp: 813124
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 113.32 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

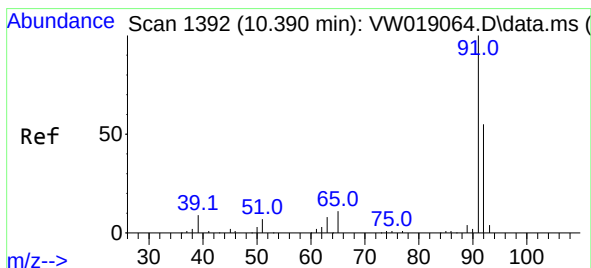
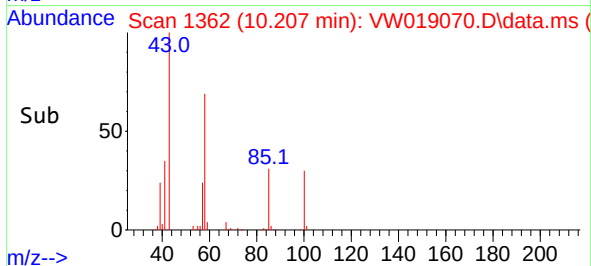
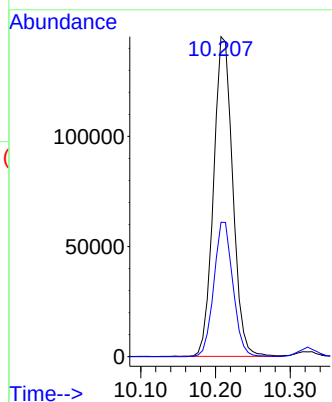
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



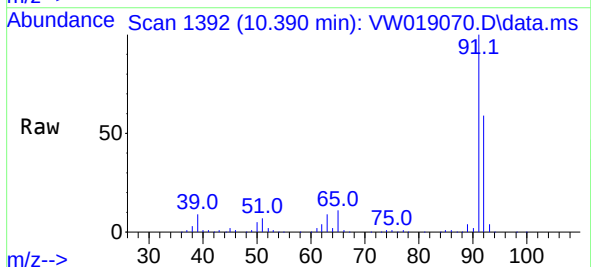
Tgt Ion: 43 Resp: 258464
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.4

Manual Integrations
APPROVED

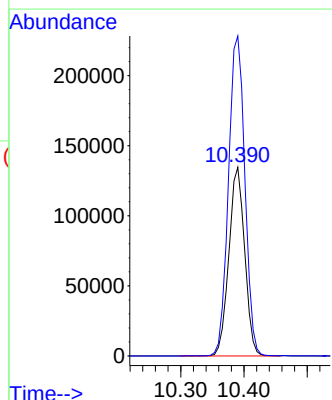
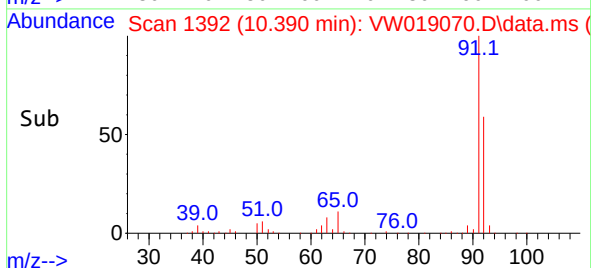
MMDadoda
5/25/2021 5:58:45 PM

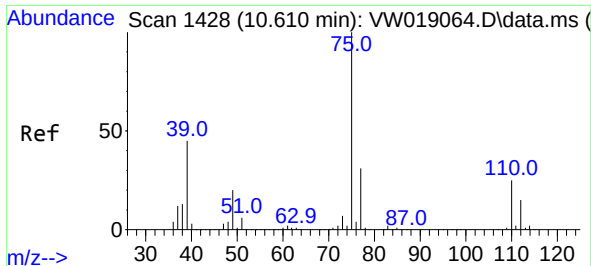


#52
Toluene
Concen: 20.81 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 92 Resp: 232852
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0





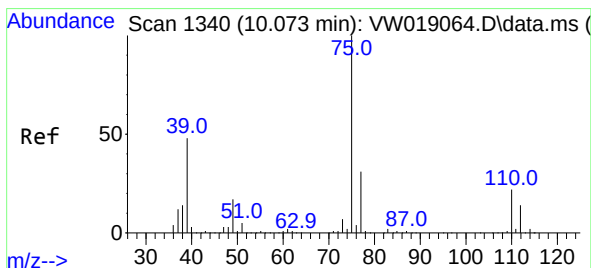
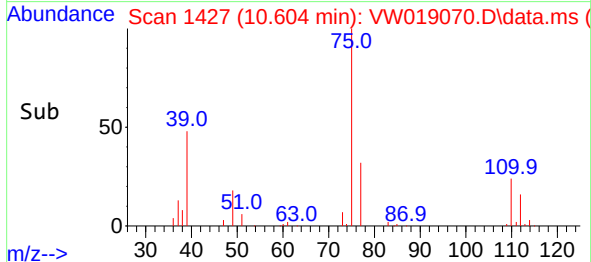
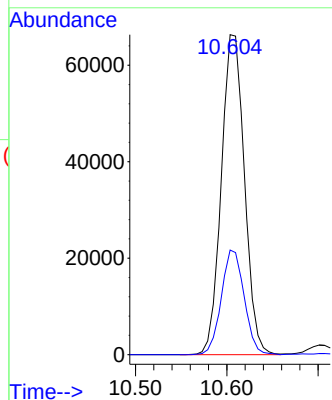
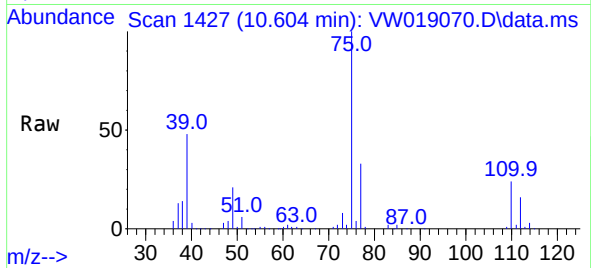
#53
t-1,3-Dichloropropene
Concen: 20.55 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 75 Resp: 116895
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

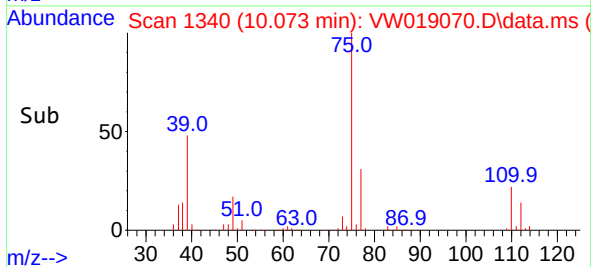
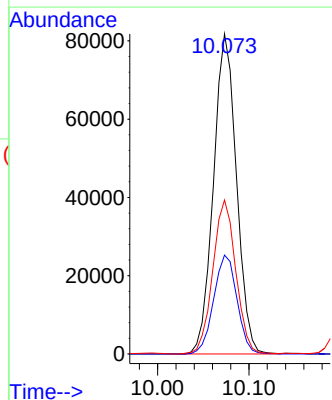
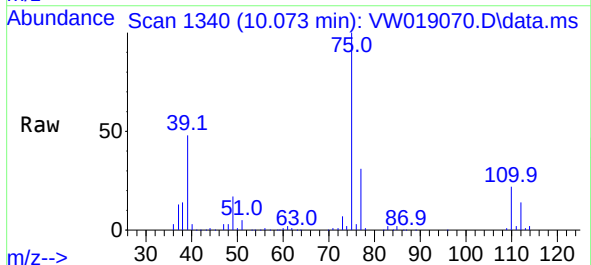
Manual Integrations
APPROVED

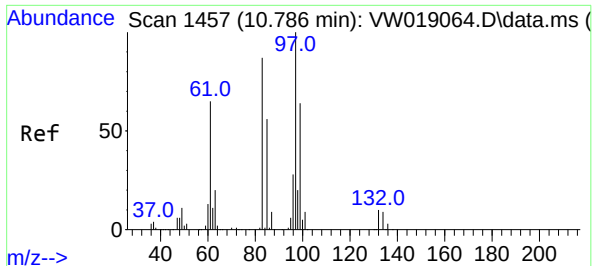
MMDadoda
5/25/2021 5:58:45 PM



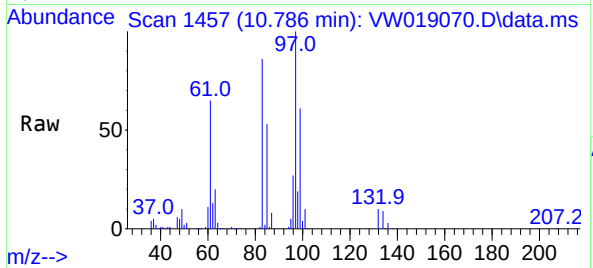
#54
cis-1,3-Dichloropropene
Concen: 21.17 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 75 Resp: 142848
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 48.1 36.9 55.3

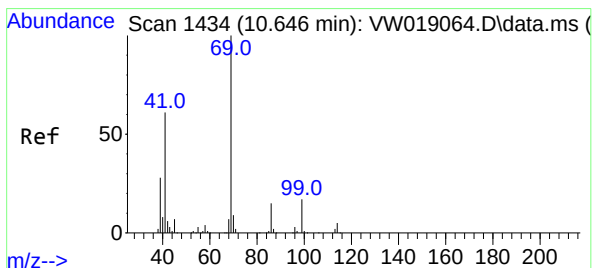
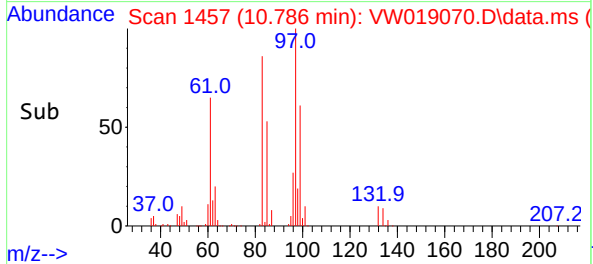
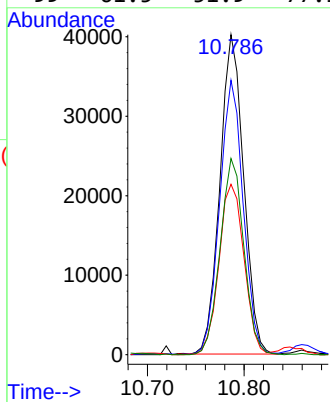




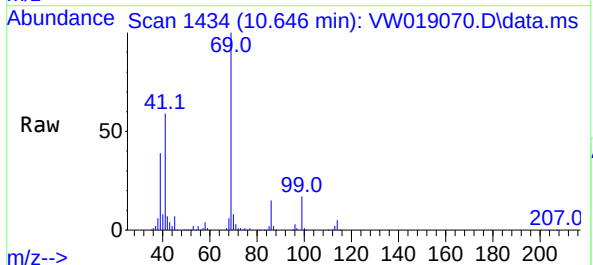
#55
1,1,2-Trichloroethane
Concen: 21.79 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



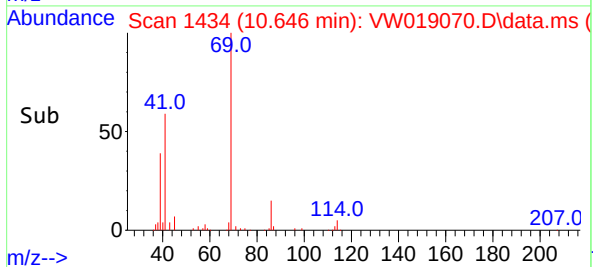
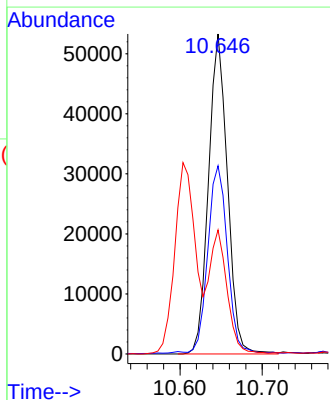
Tgt Ion:	97	Resp:	68402
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.6	106.0
85	53.4	45.8	68.6
99	61.5	51.9	77.9



#56
Ethyl methacrylate
Concen: 21.66 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



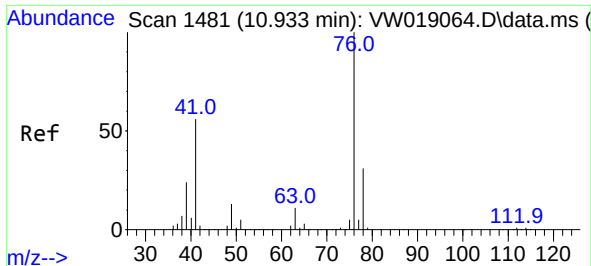
Tgt Ion:	69	Resp:	85221
Ion	Ratio	Lower	Upper
69	100		
41	61.5	48.7	73.1
39	35.7	29.0	43.4



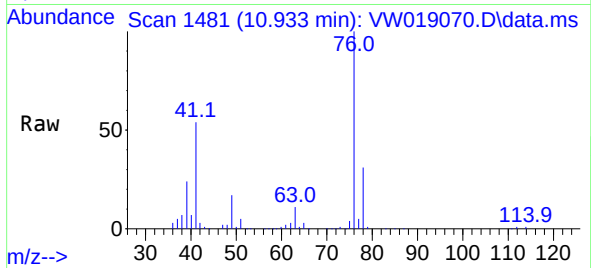
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

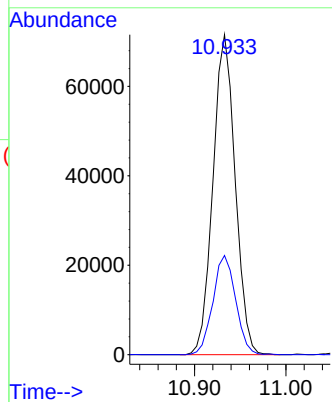
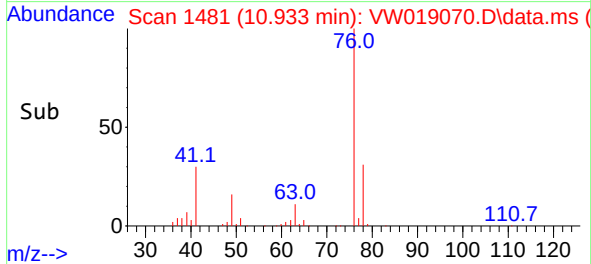
MMDadoda
5/25/2021 5:58:45 PM



#57
1,3-Dichloropropane
Concen: 21.56 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



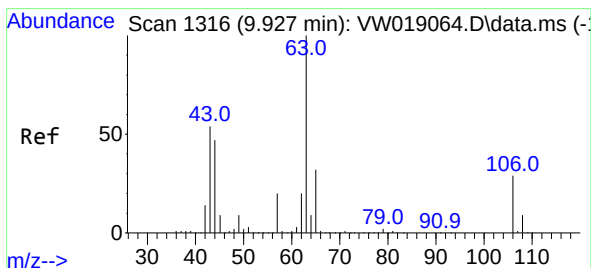
Tgt Ion: 76 Resp: 120818
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3



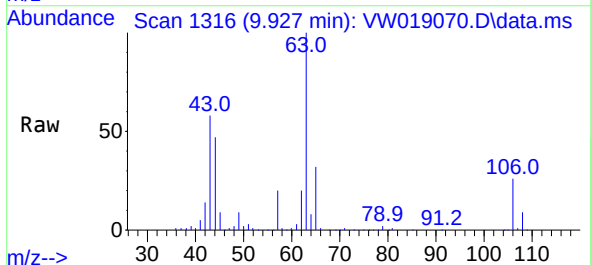
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

Manual Integrations
APPROVED

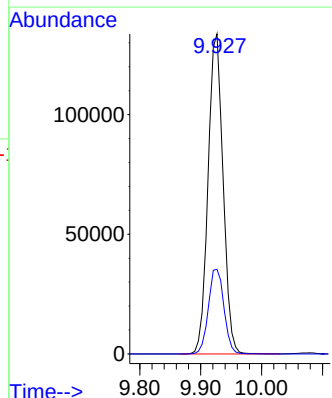
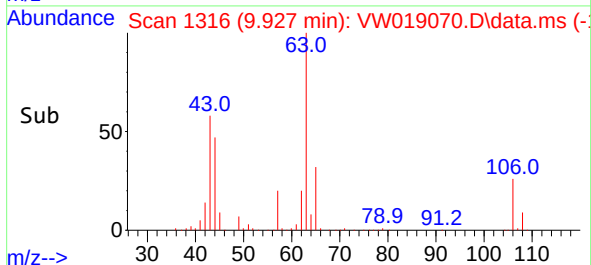
MMDadoda
5/25/2021 5:58:45 PM

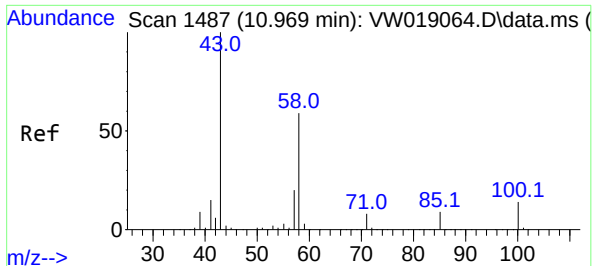


#58
2-Chloroethyl Vinyl ether
Concen: 115.14 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 63 Resp: 228832
Ion Ratio Lower Upper
63 100
106 27.5 22.3 33.5





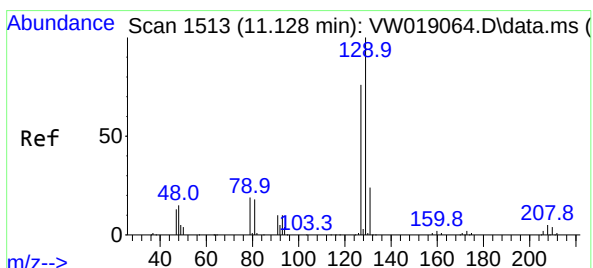
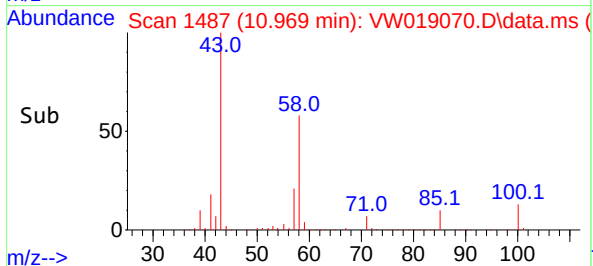
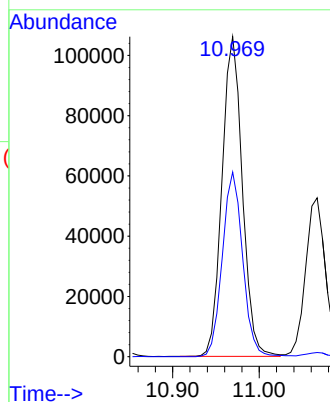
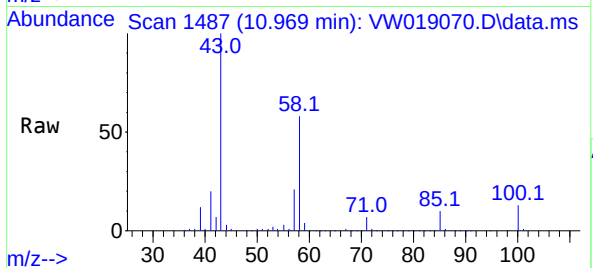
#59
2-Hexanone
Concen: 113.01 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 43 Resp: 173317
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

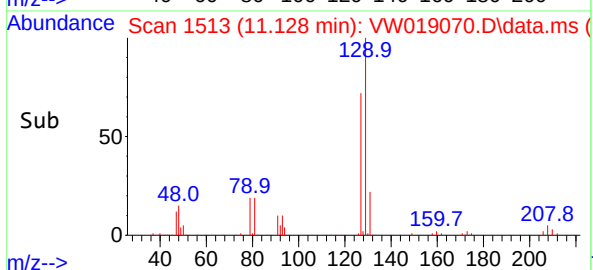
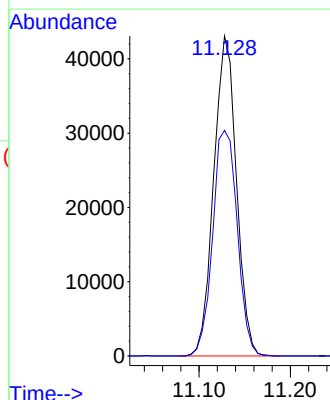
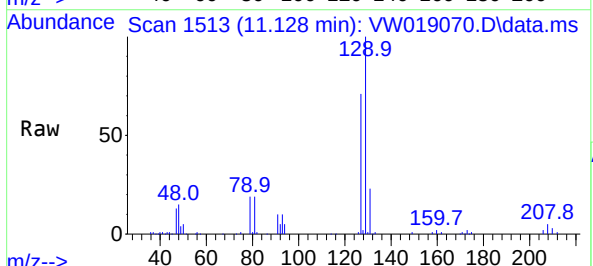
Manual Integrations
APPROVED

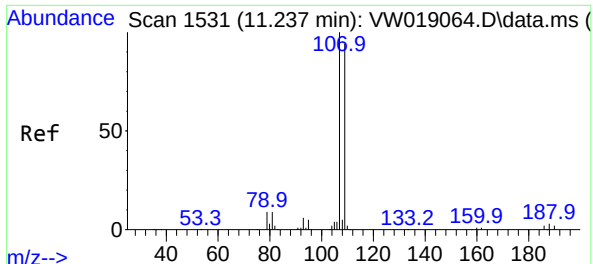
MMDadoda
5/25/2021 5:58:45 PM



#60
Dibromochloromethane
Concen: 21.21 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

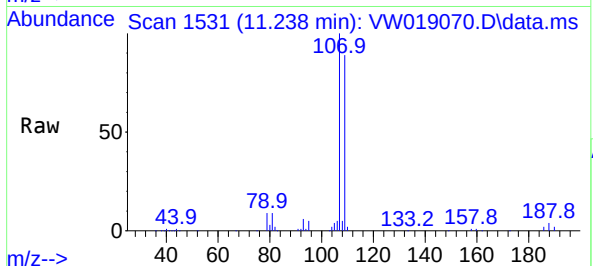
Tgt Ion:129 Resp: 74329
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 22.08 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

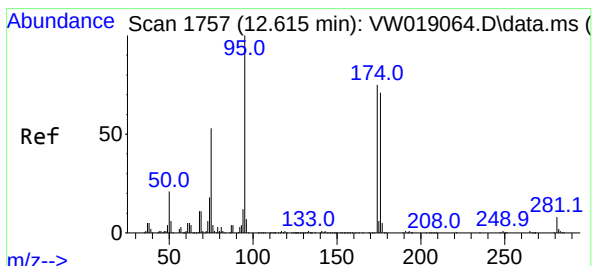
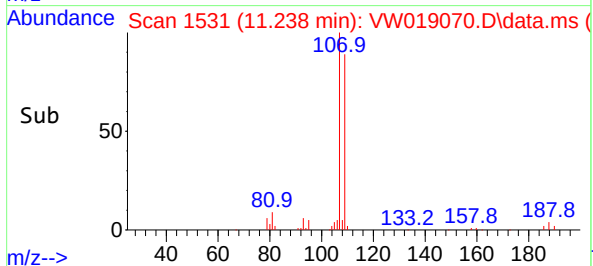
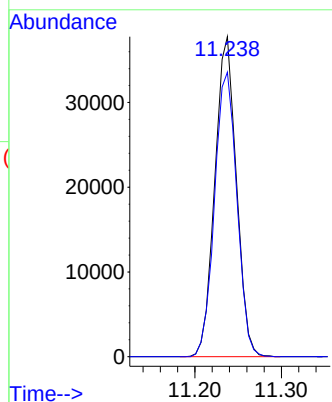
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



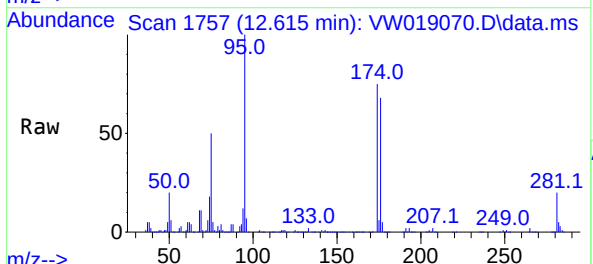
Tgt Ion:107 Resp: 65235
Ion Ratio Lower Upper
107 100
109 92.2 73.9 110.9

Manual Integrations
APPROVED

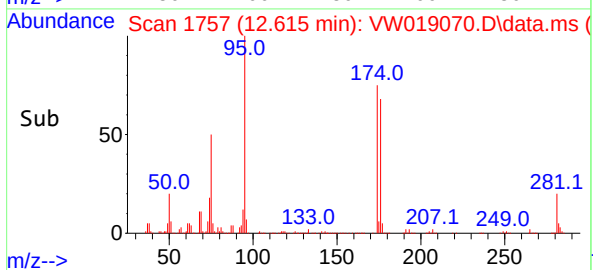
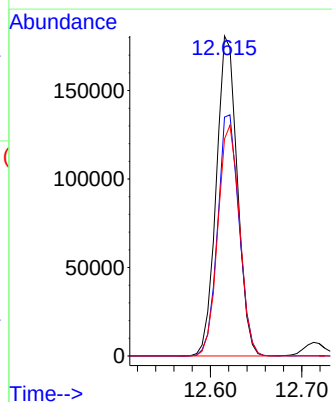
MMDadoda
5/25/2021 5:58:45 PM

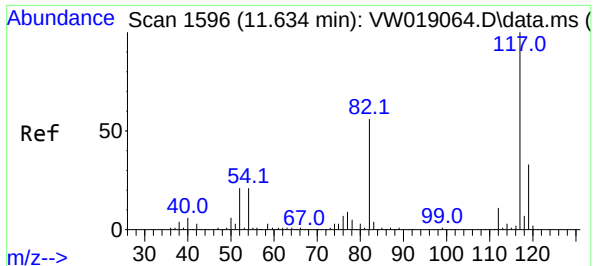


#62
4-Bromofluorobenzene
Concen: 51.30 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 95 Resp: 289533
Ion Ratio Lower Upper
95 100
174 76.8 0.0 156.2
176 74.3 0.0 160.8





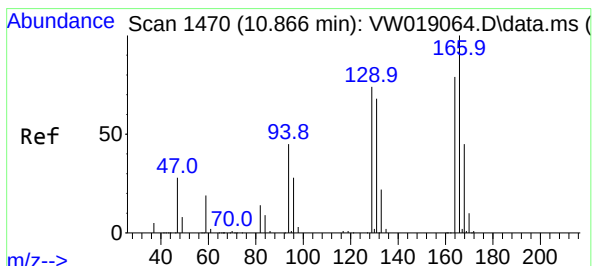
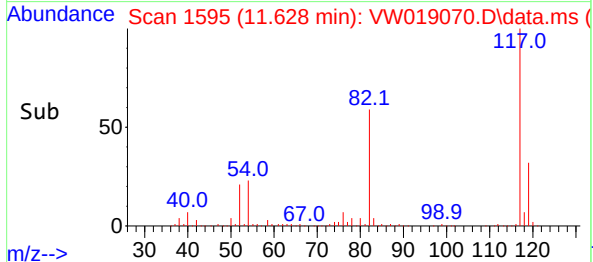
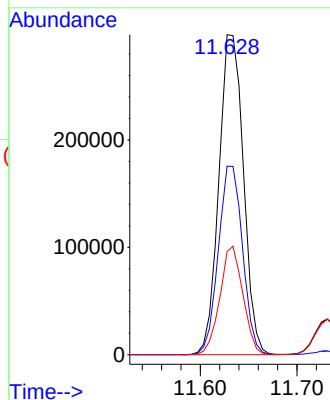
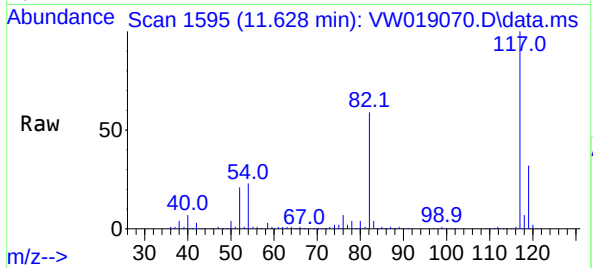
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:117 Resp: 525160
Ion Ratio Lower Upper
117 100
82 58.9 44.4 66.6
119 32.2 24.6 36.8

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

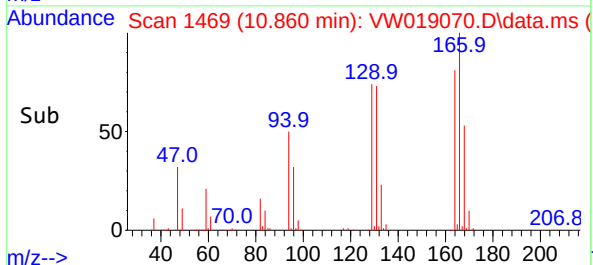
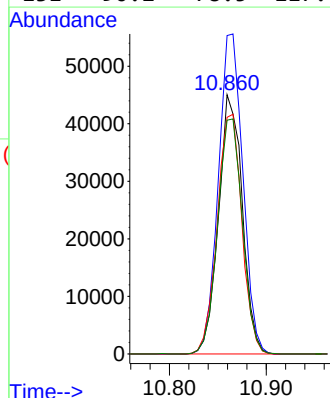
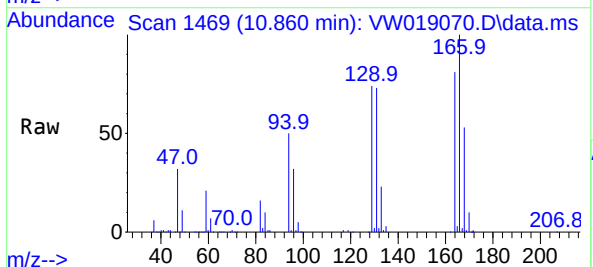
Manual Integrations
APPROVED

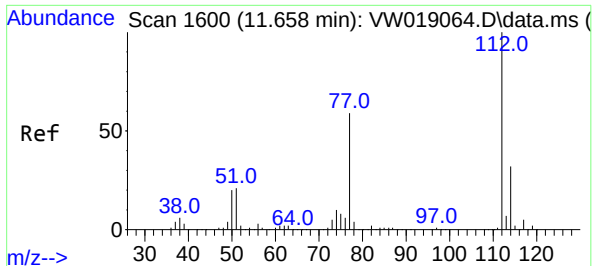
MMDadoda
5/25/2021 5:58:45 PM



#64
Tetrachloroethene
Concen: 20.40 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

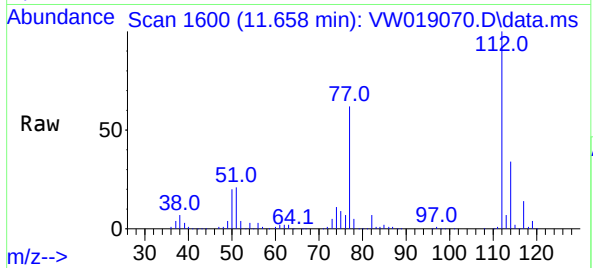
Tgt Ion:164 Resp: 76838
Ion Ratio Lower Upper
164 100
166 122.9 107.8 161.8
129 91.3 77.3 115.9
131 90.2 78.5 117.7





#65
Chlorobenzene
Concen: 20.82 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

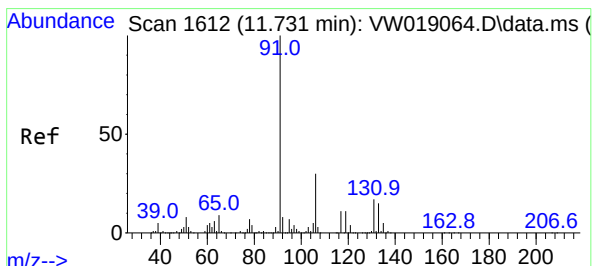
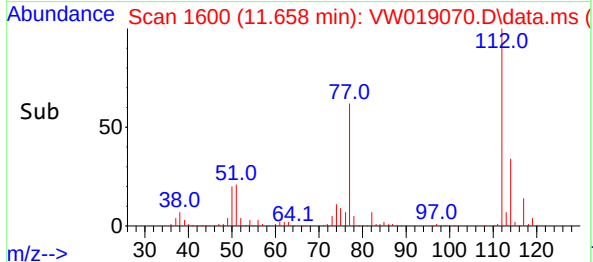
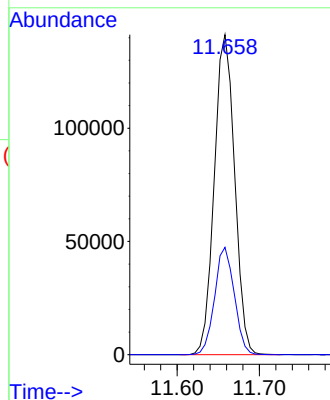
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



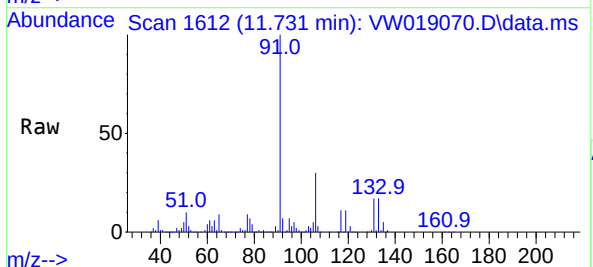
Tgt Ion:112 Resp: 243341
Ion Ratio Lower Upper
112 100
114 33.5 26.4 39.6

Manual Integrations
APPROVED

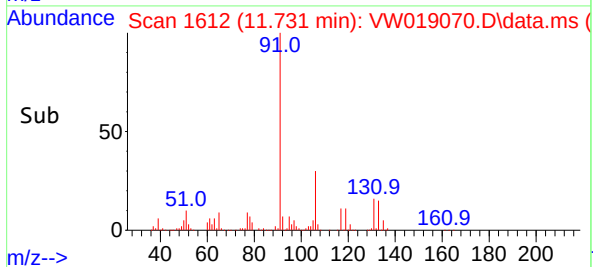
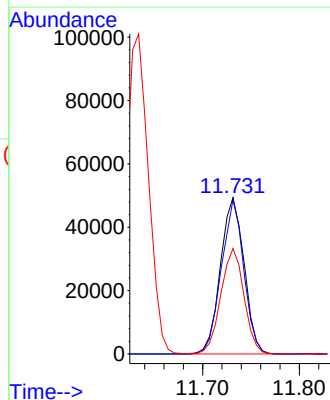
MMDadoda
5/25/2021 5:58:45 PM

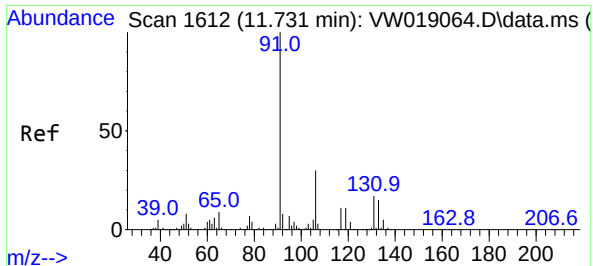


#66
1,1,1,2-Tetrachloroethane
Concen: 20.92 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



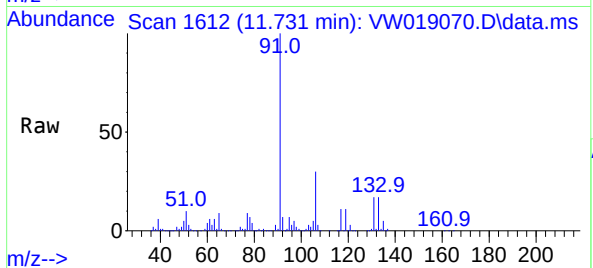
Tgt Ion:131 Resp: 83582
Ion Ratio Lower Upper
131 100
133 93.8 48.1 144.3
119 66.1 33.1 99.2





#67
Ethyl Benzene
Concen: 20.64 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

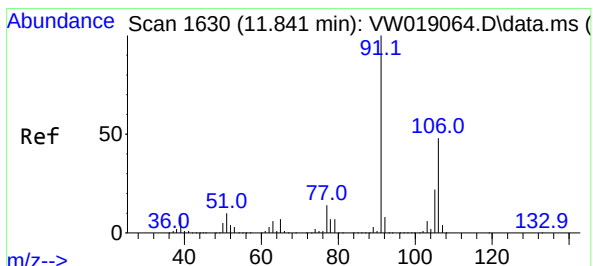
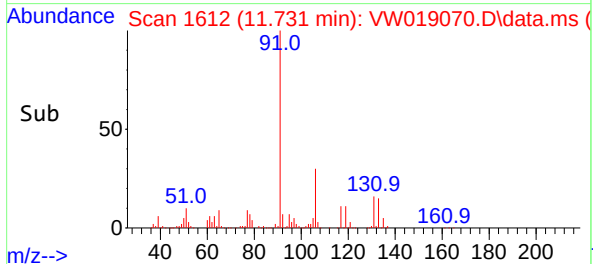
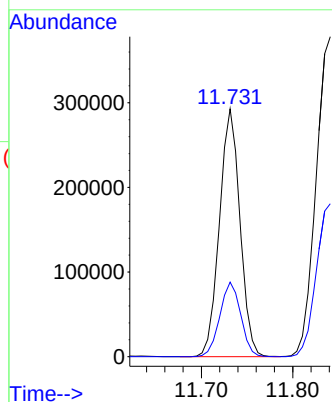
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



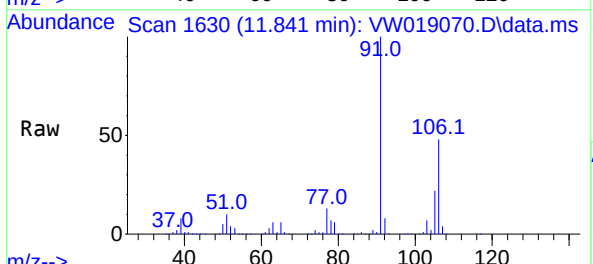
Tgt Ion: 91 Resp: 457171
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

Manual Integrations
APPROVED

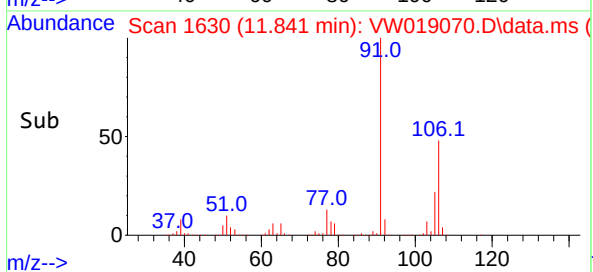
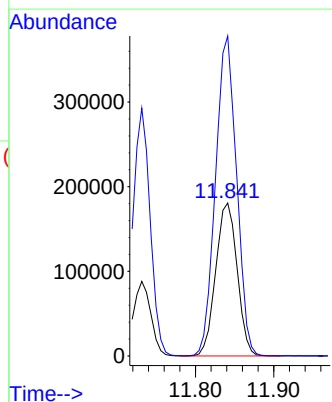
MMDadoda
5/25/2021 5:58:45 PM

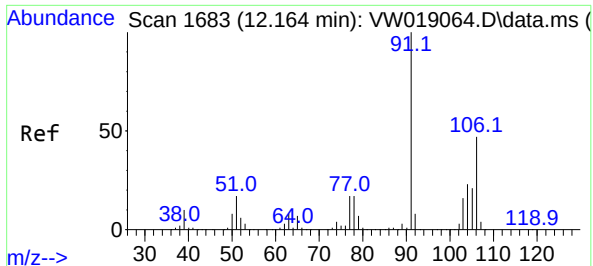


#68
m/p-Xylenes
Concen: 42.23 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 106 Resp: 343214
Ion Ratio Lower Upper
106 100
91 206.0 164.2 246.2





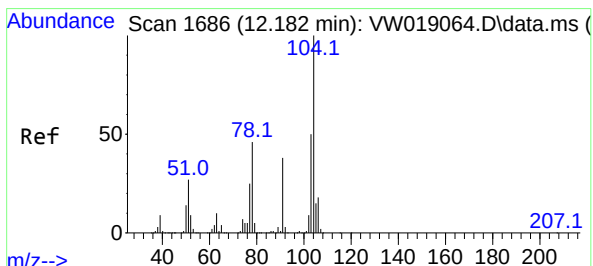
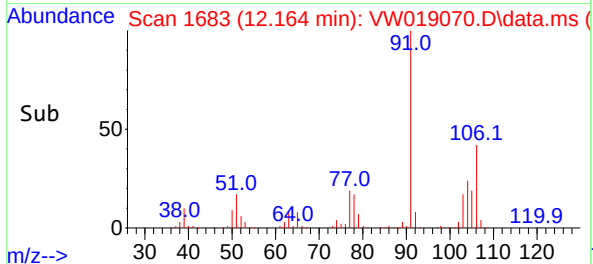
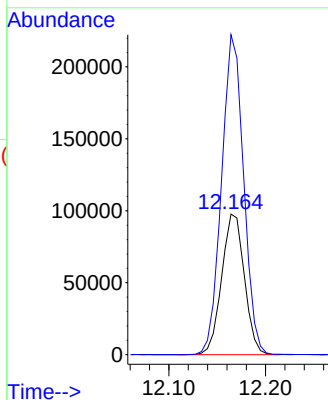
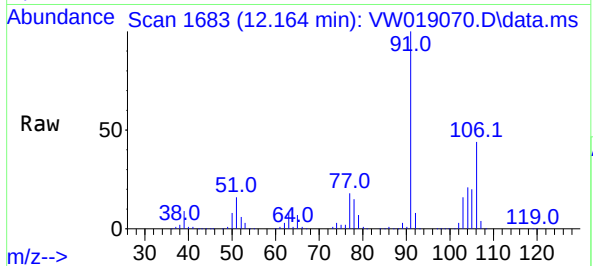
#69
o-Xylene
Concen: 20.71 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Tgt Ion:106 Resp: 158989
Ion Ratio Lower Upper
106 100
91 221.5 109.1 327.2

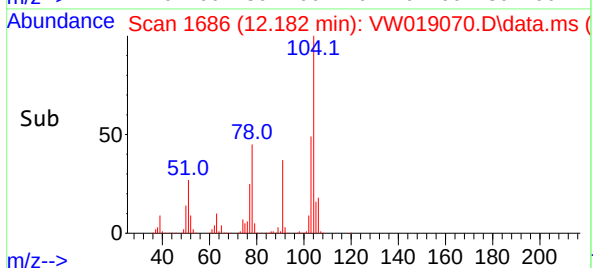
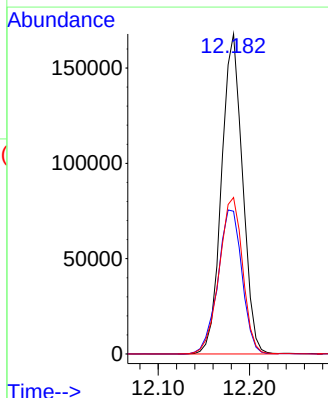
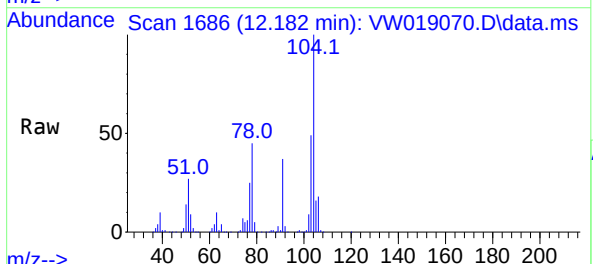
Manual Integrations
APPROVED

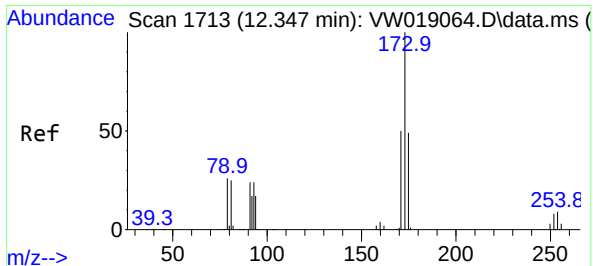
MMDadoda
5/25/2021 5:58:45 PM



#70
Styrene
Concen: 20.92 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:104 Resp: 268385
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.7 44.1 66.1





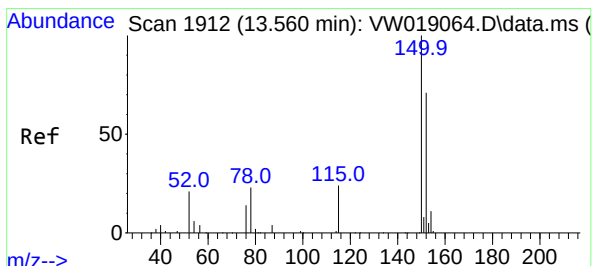
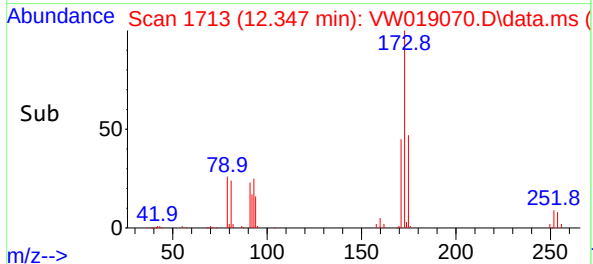
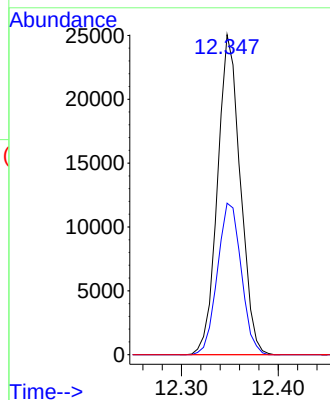
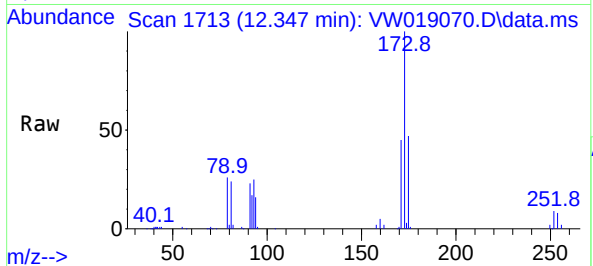
#71
Bromoform
Concen: 21.30 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	173	Resp:	40951
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.6	73.8
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

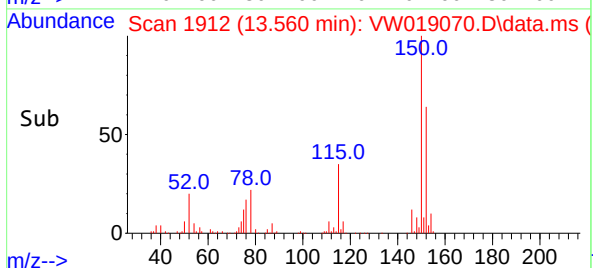
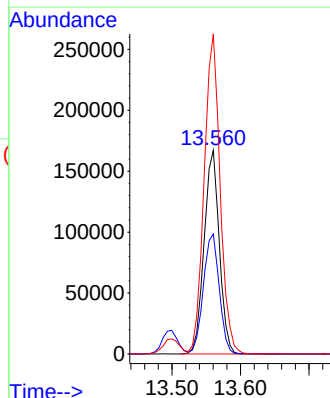
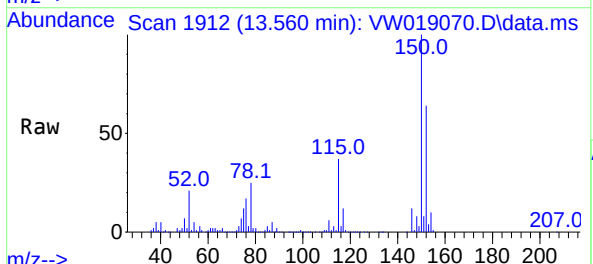
Manual Integrations
APPROVED

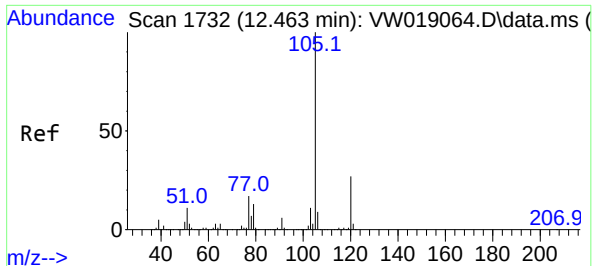
MMDadoda
5/25/2021 5:58:45 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

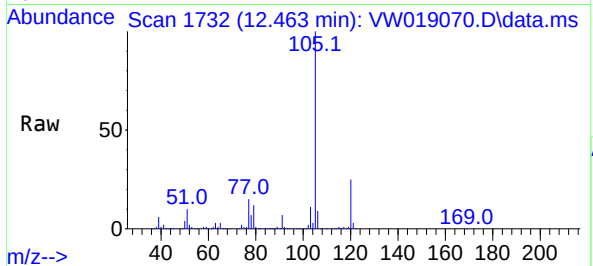
Tgt Ion:	152	Resp:	258435
Ion Ratio	Lower	Upper	
152	100		
115	61.4	30.3	90.8
150	164.4	0.0	356.0





#73
Isopropylbenzene
Concen: 21.10 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

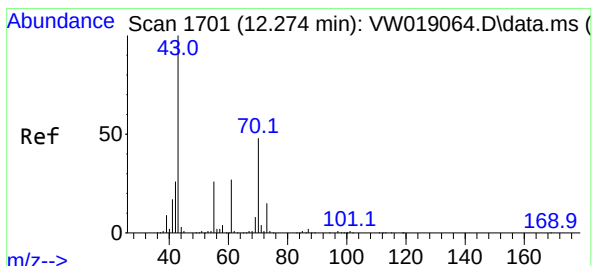
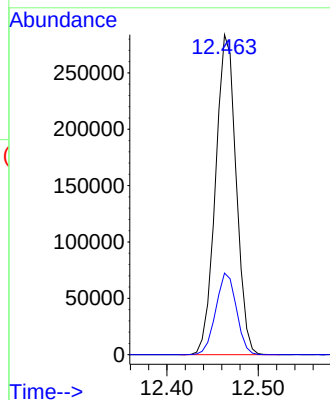
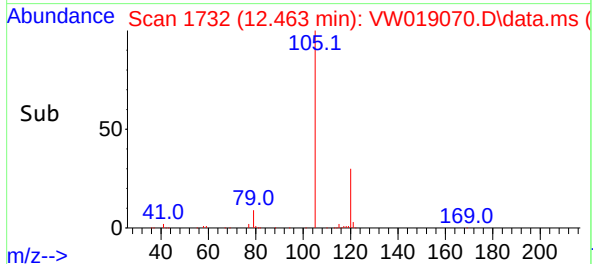
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01



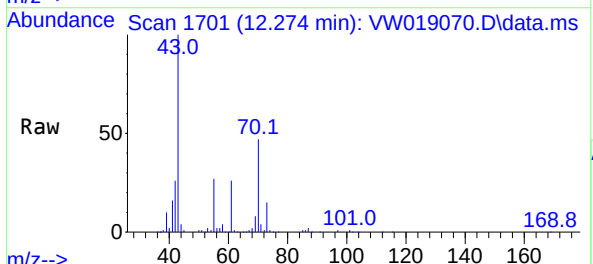
Tgt Ion:105 Resp: 445158
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

Manual Integrations
APPROVED

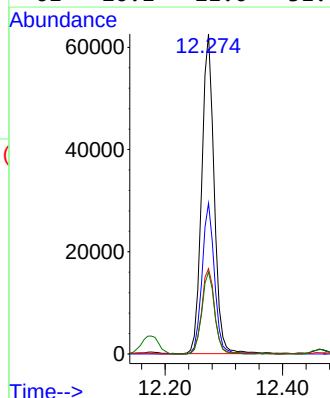
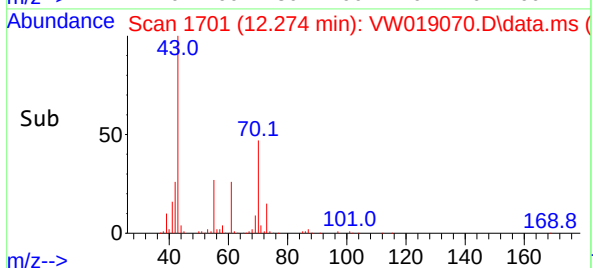
MMDadoda
5/25/2021 5:58:45 PM

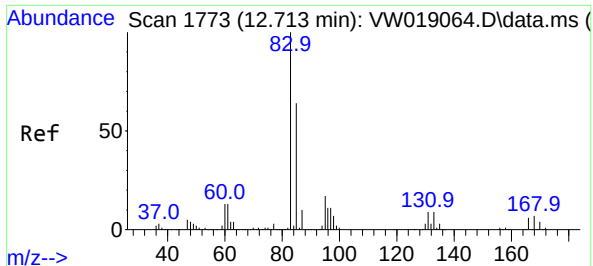


#74
N-ethyl acetate
Concen: 21.82 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion: 43 Resp: 92426
Ion Ratio Lower Upper
43 100
70 46.7 38.4 57.6
55 28.2 21.6 32.4
61 26.1 21.0 31.4





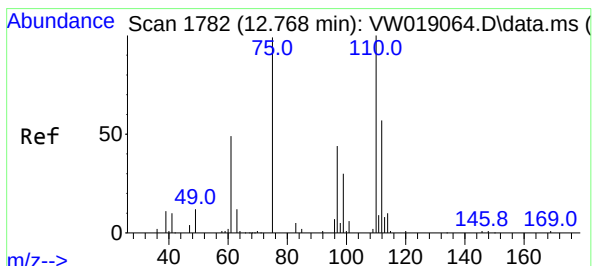
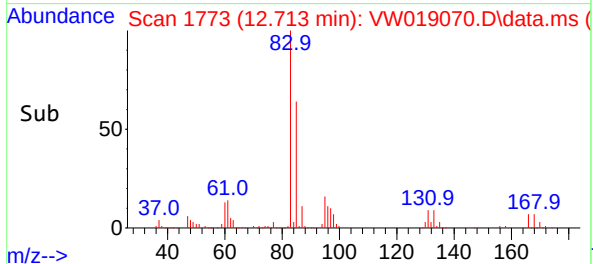
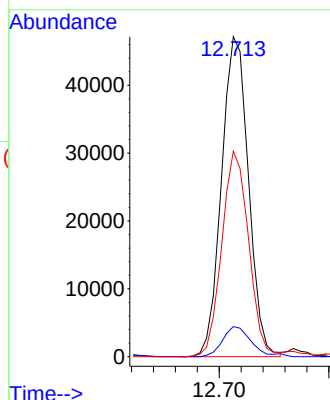
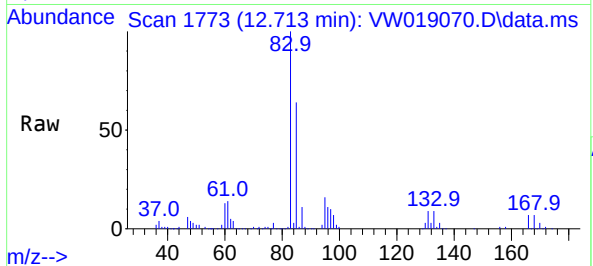
#75
1,1,2,2-Tetrachloroethane
Concen: 22.38 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 83 Resp: 80538
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 63.9 31.6 94.8

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

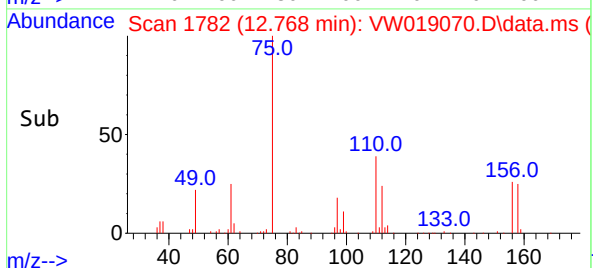
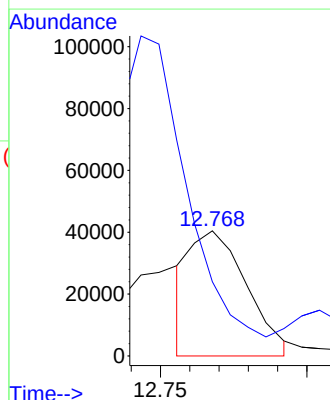
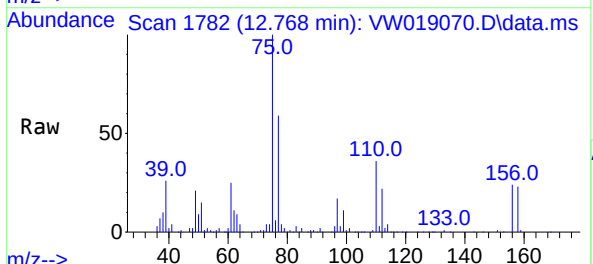
Manual Integrations
APPROVED

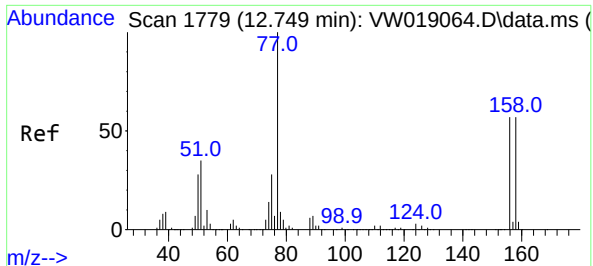
MMDadoda
5/25/2021 5:58:45 PM



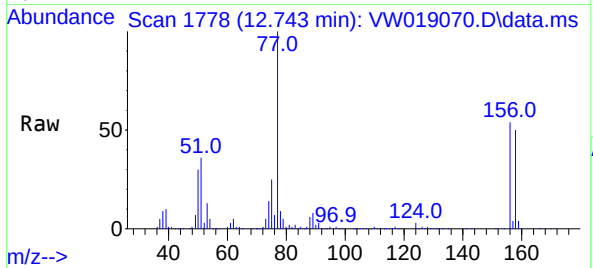
#76
1,2,3-Trichloropropane
Concen: 22.05 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 75 Resp: 54335
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

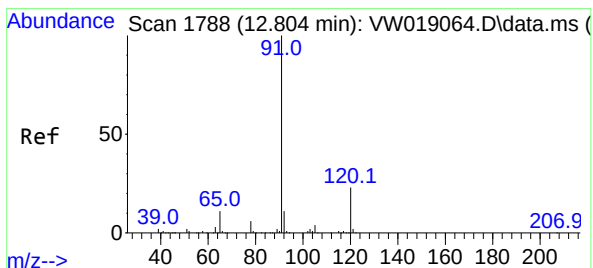
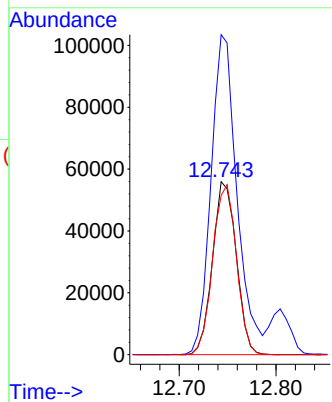
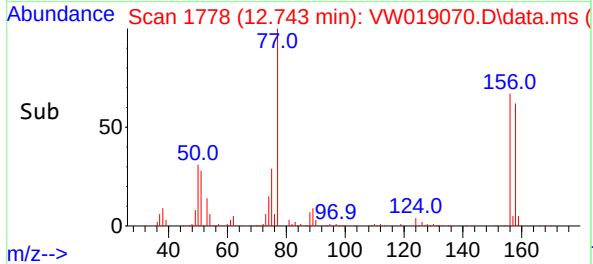




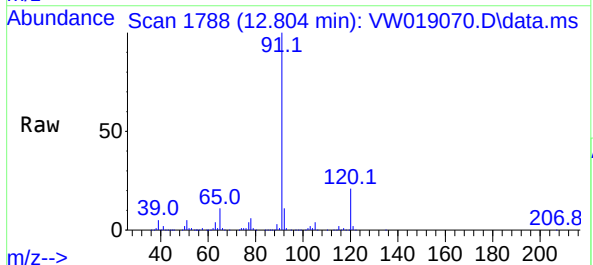
#77
Bromobenzene
Concen: 21.23 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



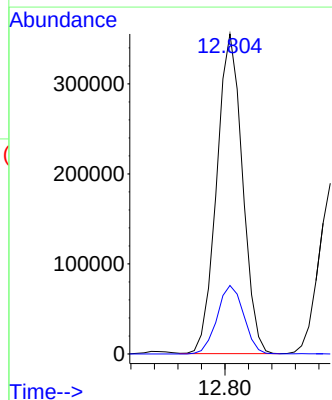
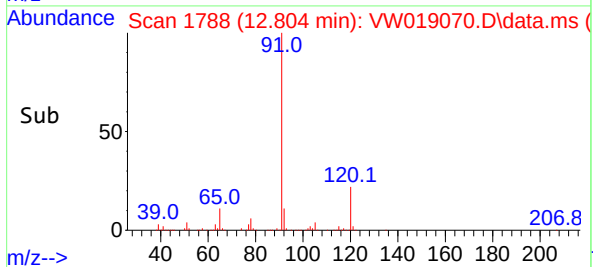
Tgt Ion:156 Resp: 95661
Ion Ratio Lower Upper
156 100
77 201.4 96.7 290.0
158 98.3 48.4 145.3



#78
n-propylbenzene
Concen: 20.72 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



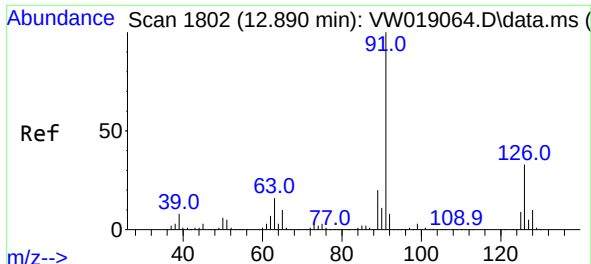
Tgt Ion: 91 Resp: 541380
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



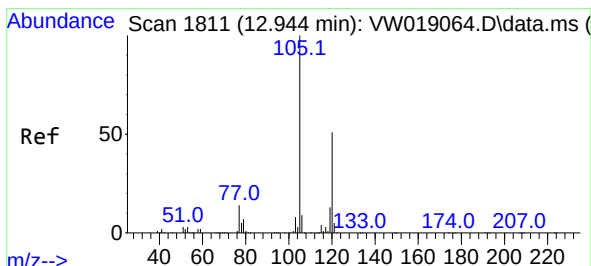
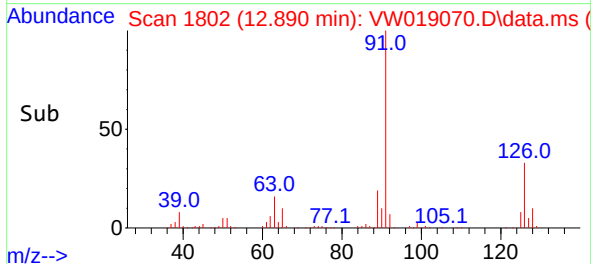
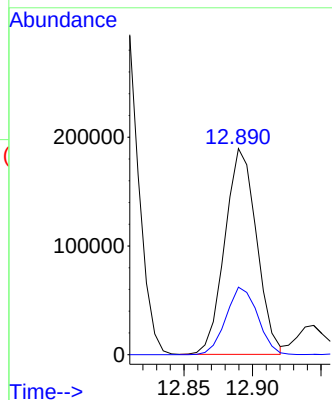
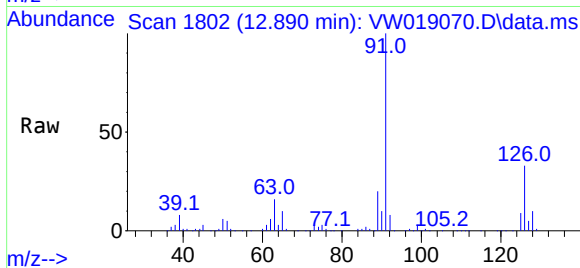
#79
2-Chlorotoluene
Concen: 20.73 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion: 91 Resp: 305373
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

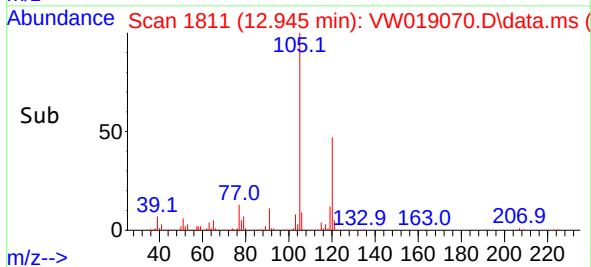
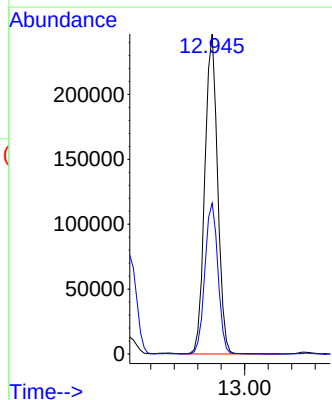
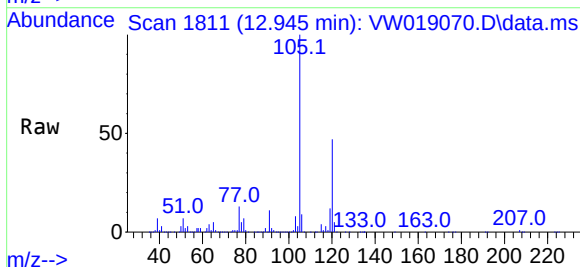
Manual Integrations
APPROVED

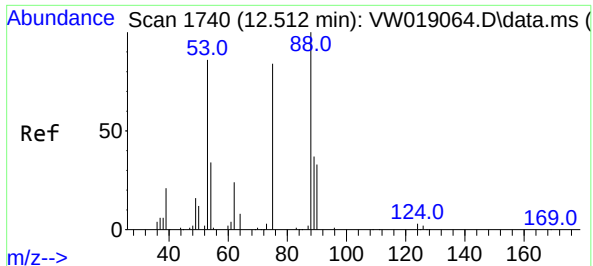
MMDadoda
5/25/2021 5:58:45 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.97 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

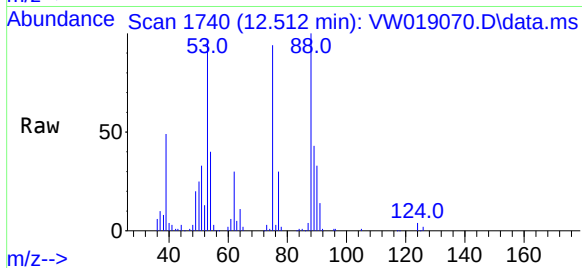
Tgt Ion:105 Resp: 372820
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.71 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

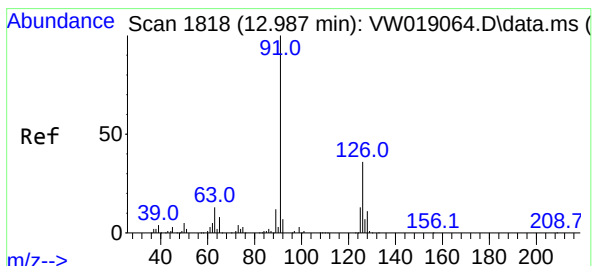
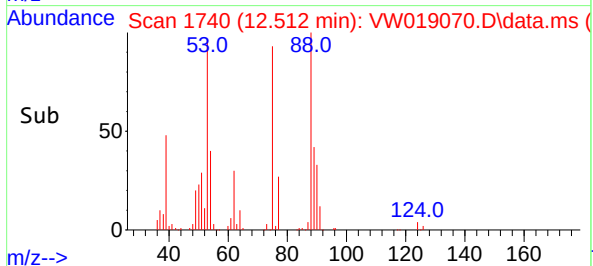
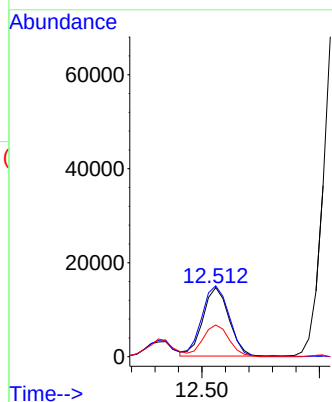
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



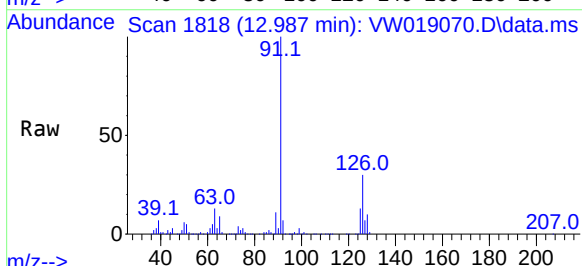
Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.4	81.5	122.3
89	46.0	36.3	54.5

Manual Integrations
APPROVED

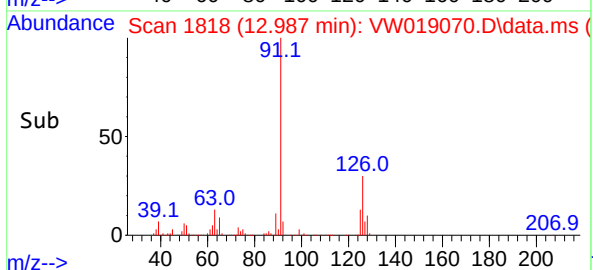
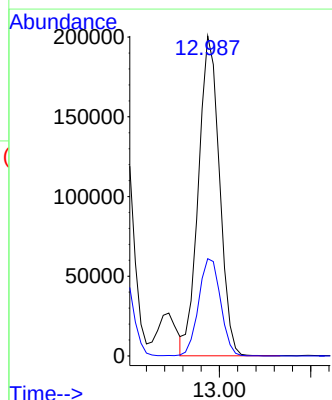
MMDadoda
5/25/2021 5:58:45 PM

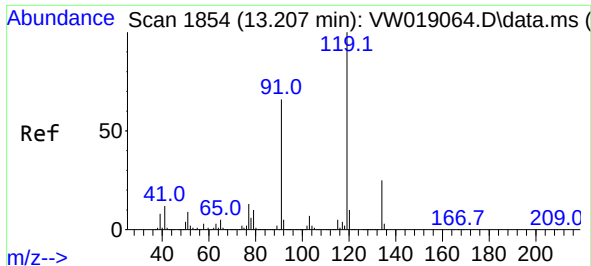


#82
4-Chlorotoluene
Concen: 20.55 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



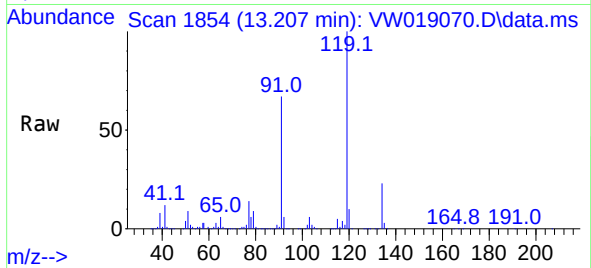
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.2





#83
tert-Butylbenzene
Concen: 21.16 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

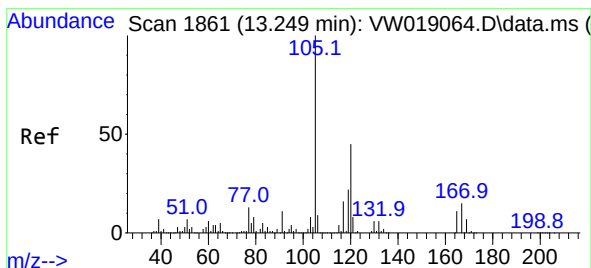
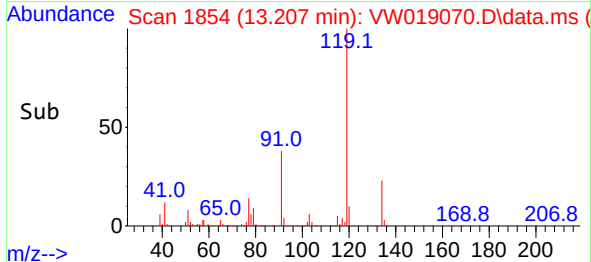
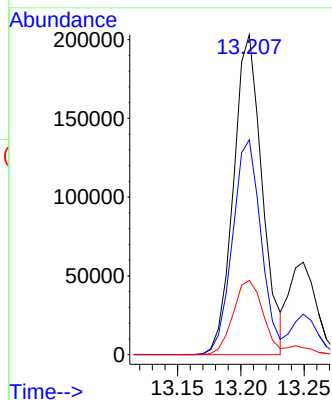
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



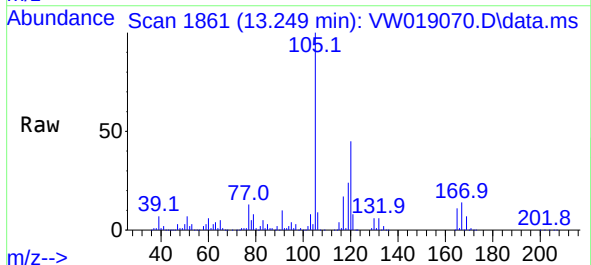
Tgt Ion:119 Resp: 320654
Ion Ratio Lower Upper
119 100
91 66.9 34.0 102.0
134 24.7 13.0 38.9

Manual Integrations
APPROVED

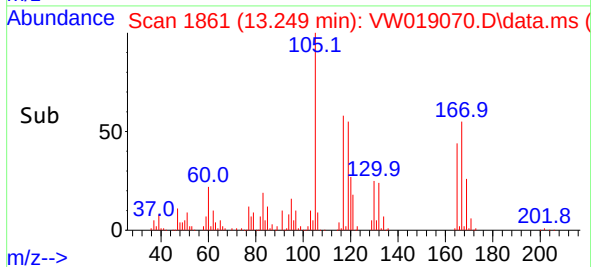
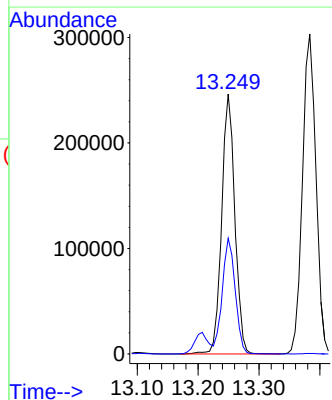
MMDadoda
5/25/2021 5:58:45 PM

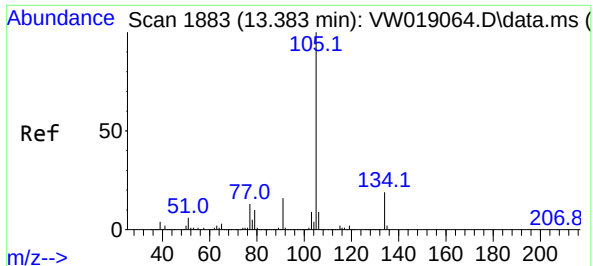


#84
1,2,4-Trimethylbenzene
Concen: 20.89 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



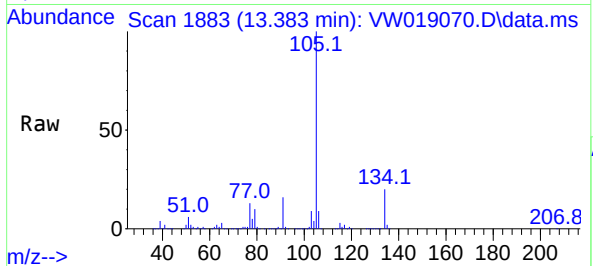
Tgt Ion:105 Resp: 370804
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.0





#85
sec-Butylbenzene
Concen: 20.44 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

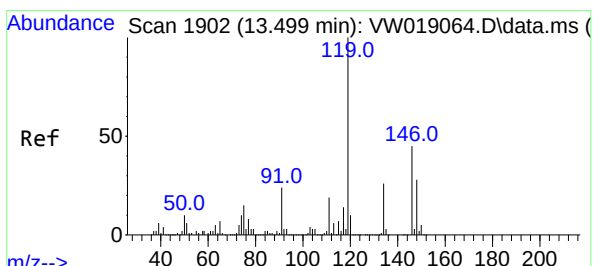
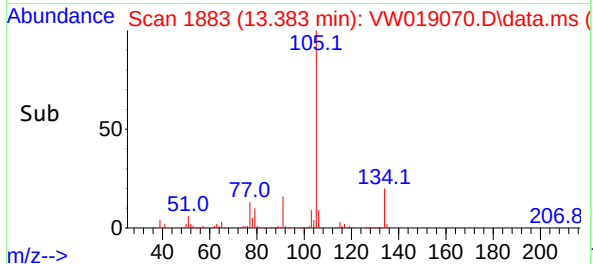
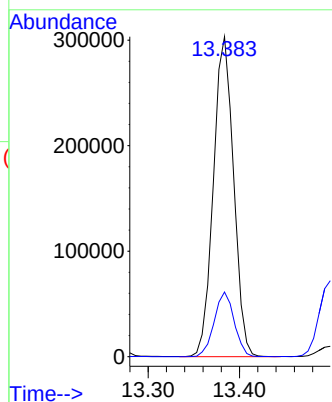
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



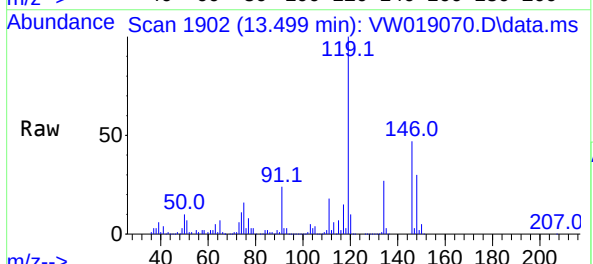
Tgt Ion:105 Resp: 464984
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1

Manual Integrations
APPROVED

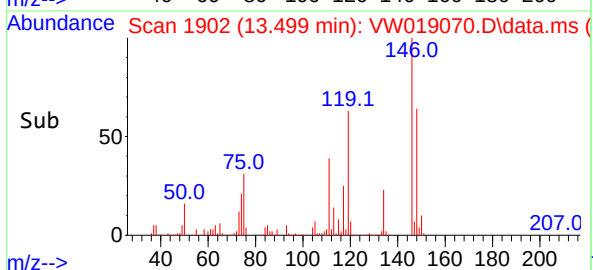
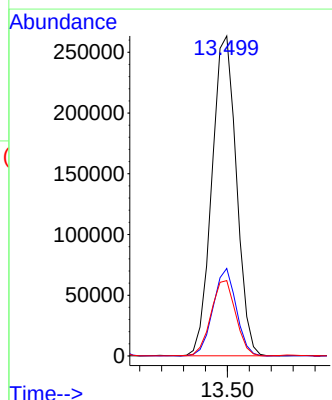
MMDadoda
5/25/2021 5:58:45 PM

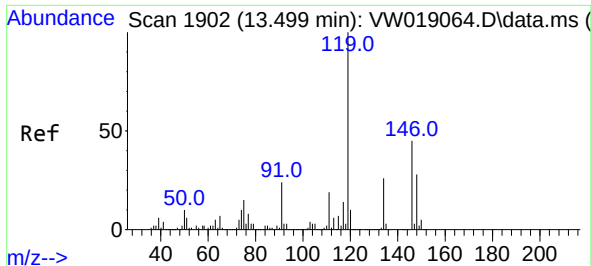


#86
p-Isopropyltoluene
Concen: 21.09 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion:119 Resp: 408762
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 23.7 12.1 36.3





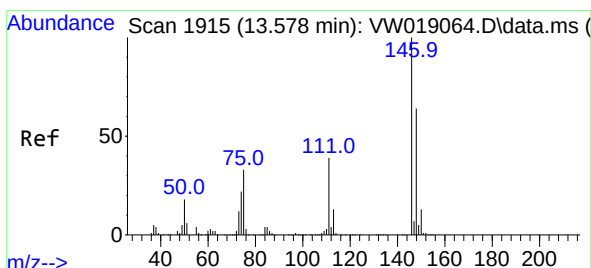
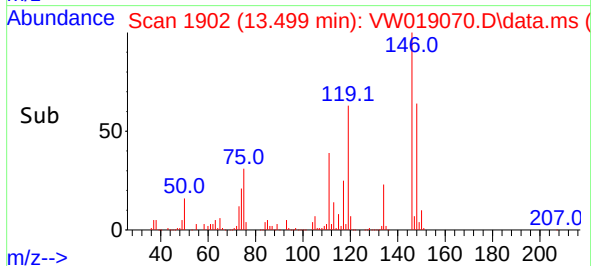
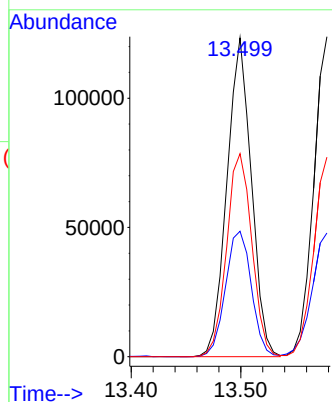
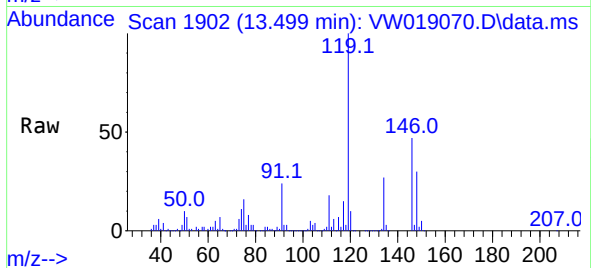
#87
1,3-Dichlorobenzene
Concen: 20.44 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:146 Resp: 190714
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 66.1 31.8 95.3

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

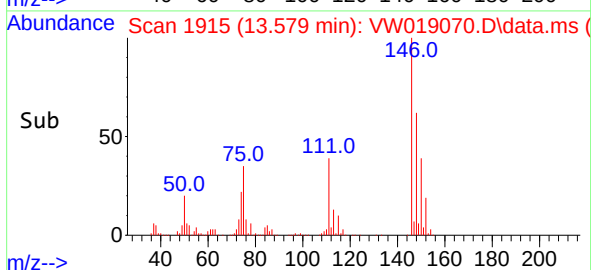
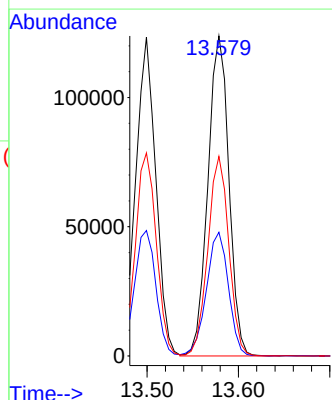
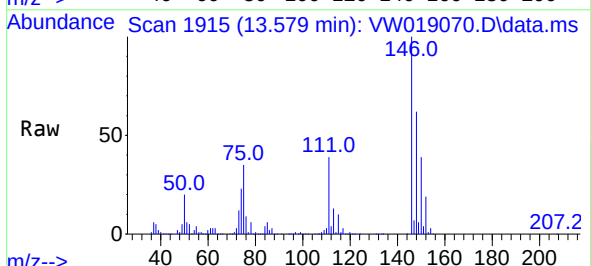
Manual Integrations
APPROVED

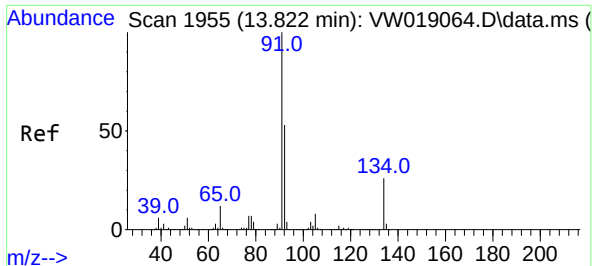
MMDadoda
5/25/2021 5:58:45 PM



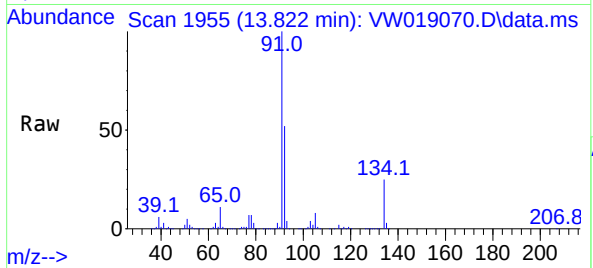
#88
1,4-Dichlorobenzene
Concen: 21.49 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:146 Resp: 197498
Ion Ratio Lower Upper
146 100
111 40.6 20.1 60.3
148 62.2 32.4 97.2

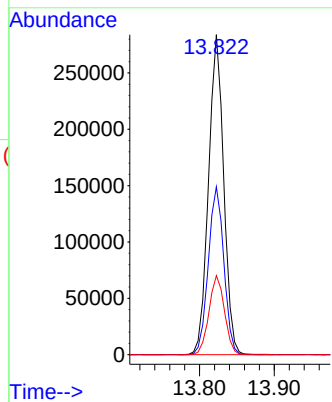
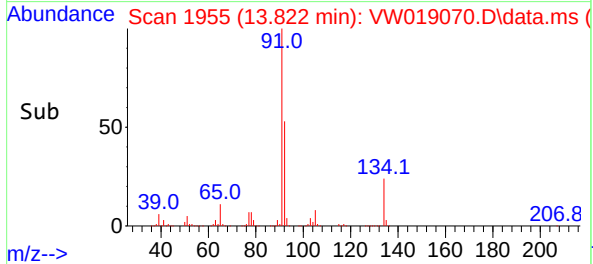




#89
n-Butylbenzene
Concen: 20.65 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



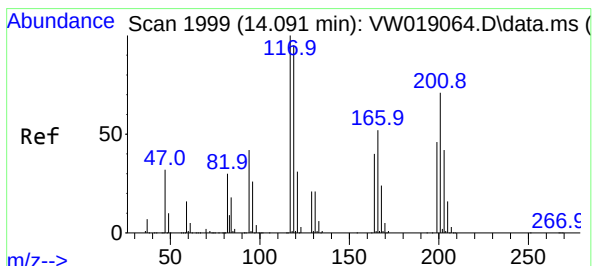
Tgt Ion: 91 Resp: 400246
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.2 12.7 38.0



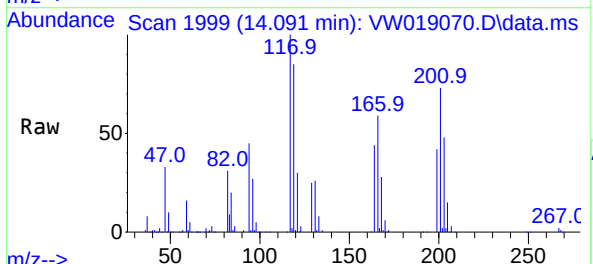
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01

Manual Integrations
APPROVED

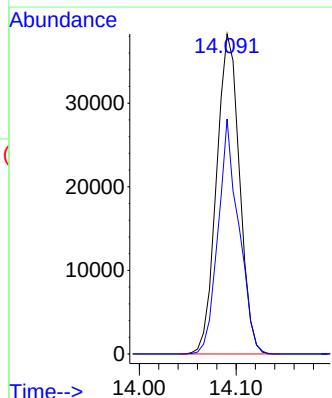
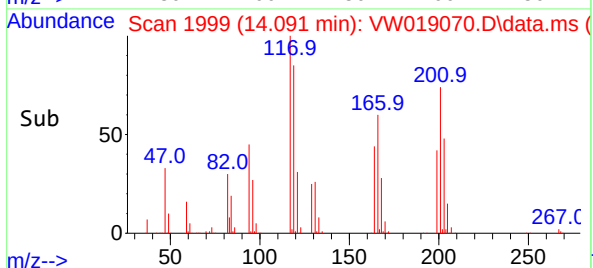
MMDadoda
5/25/2021 5:58:45 PM



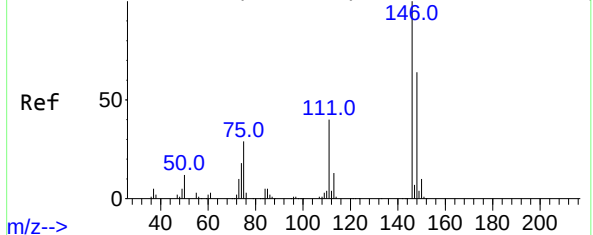
#90
Hexachloroethane
Concen: 20.65 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



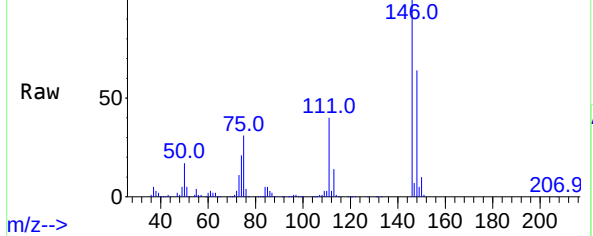
Tgt Ion: 117 Resp: 63223
Ion Ratio Lower Upper
117 100
201 66.1 38.4 115.2



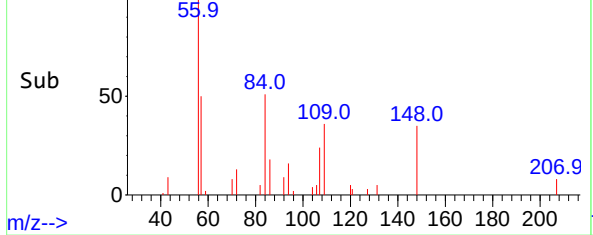
Abundance Scan 1963 (13.871 min): VW019064.D\data.ms (



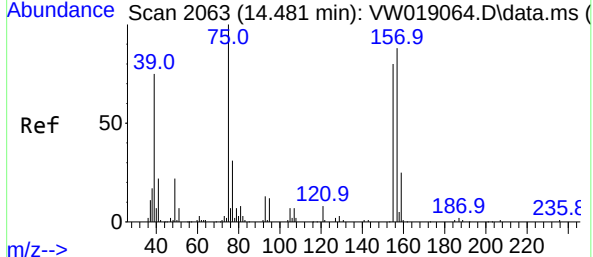
m/z--> Abundance Scan 1963 (13.871 min): VW019070.D\data.ms



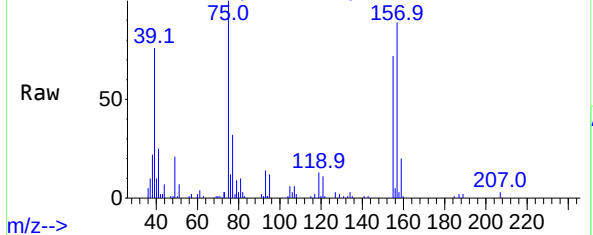
Abundance Scan 1963 (13.871 min): VW019070.D\data.ms (



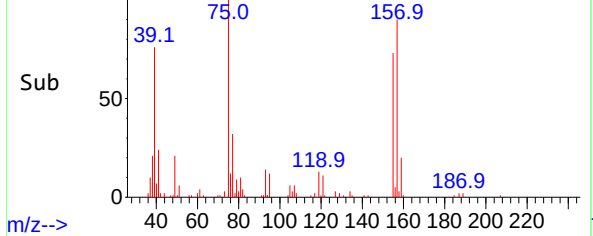
m/z--> Abundance Scan 2063 (14.481 min): VW019064.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW019070.D\data.ms



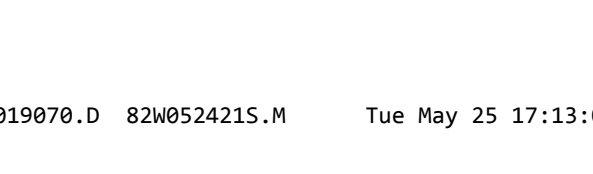
m/z--> Abundance Scan 2063 (14.481 min): VW019070.D\data.ms (



m/z--> Abundance Scan 1963 (13.871 min): VW019070.D\data.ms (

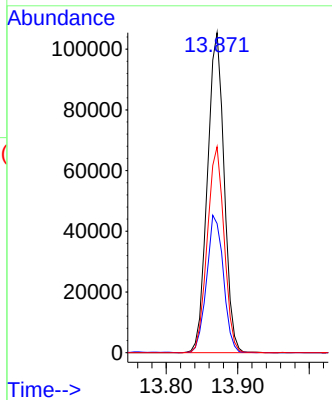


m/z--> Abundance Scan 2063 (14.481 min): VW019070.D\data.ms (



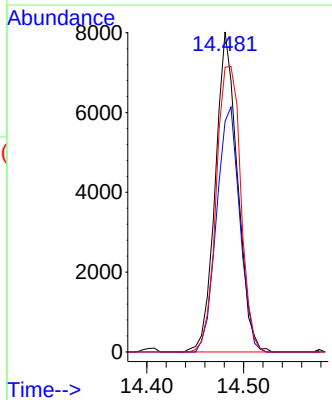
#91
1,2-Dichlorobenzene
Concen: 21.06 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

Tgt Ion:	146	Resp:	171131
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.1
148	64.9	32.6	97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.27 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

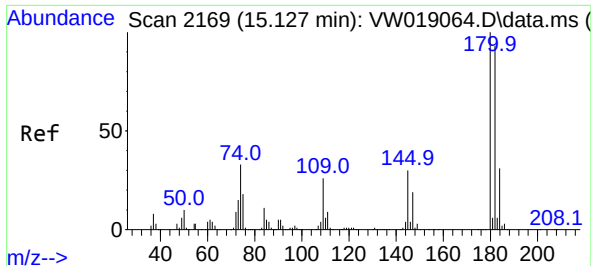
Tgt Ion:	75	Resp:	12732
Ion	Ratio	Lower	Upper
75	100		
155	79.8	41.3	124.1
157	98.6	51.2	153.6



Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

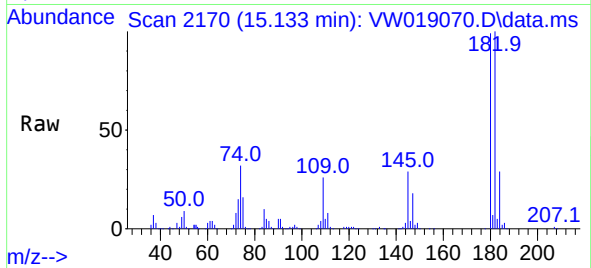
Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



#93
1,2,4-Trichlorobenzene
Concen: 20.94 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

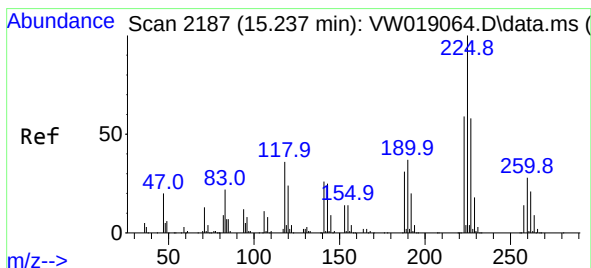
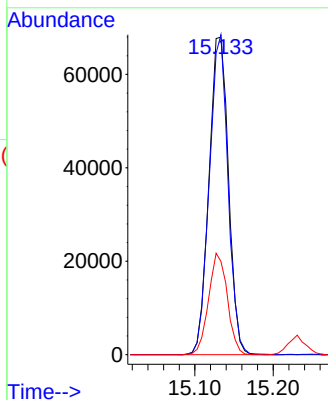
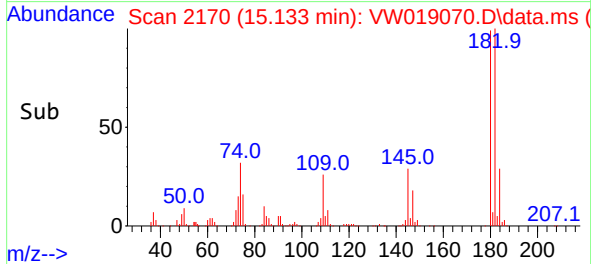
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



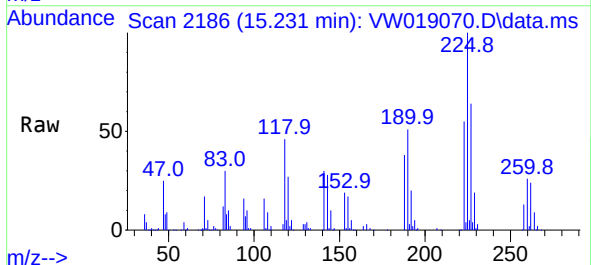
Tgt Ion:180 Resp: 117506
Ion Ratio Lower Upper
180 100
182 96.2 48.9 146.7
145 30.7 15.4 46.1

Manual Integrations
APPROVED

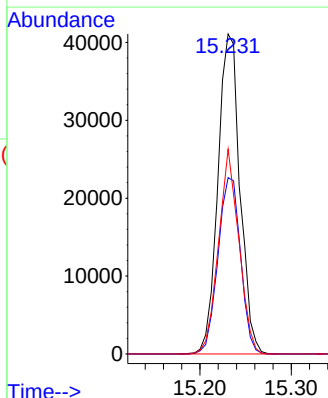
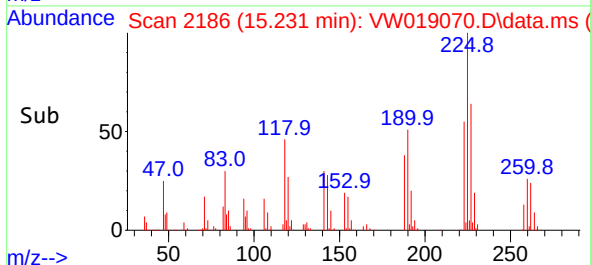
MMDadoda
5/25/2021 5:58:45 PM

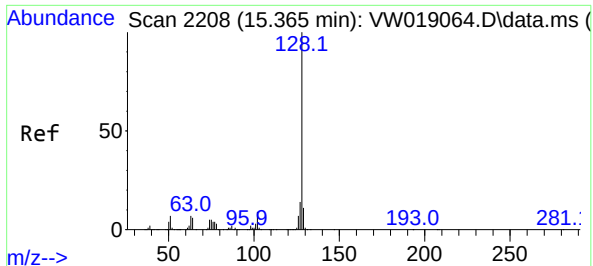


#94
Hexachlorobutadiene
Concen: 21.76 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



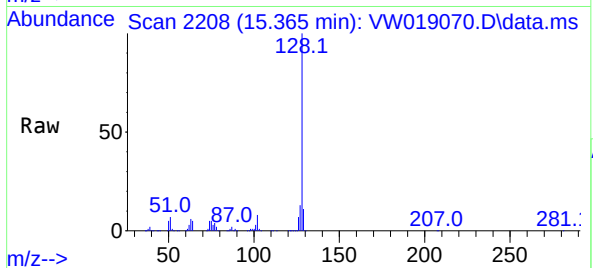
Tgt Ion:225 Resp: 69006
Ion Ratio Lower Upper
225 100
223 56.2 29.6 88.8
227 59.1 30.4 91.3





#95
Naphthalene
Concen: 22.58 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33

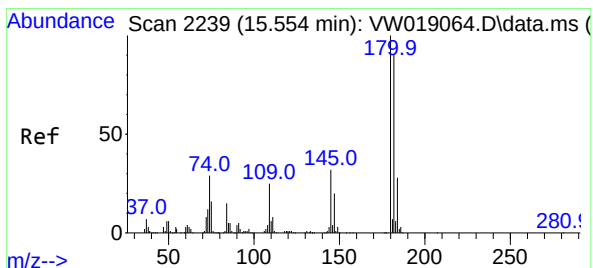
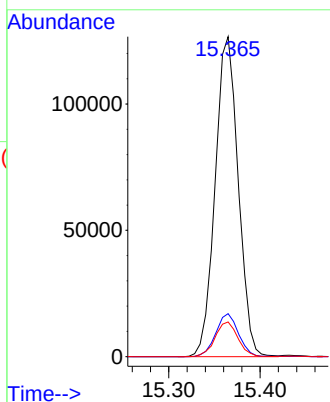
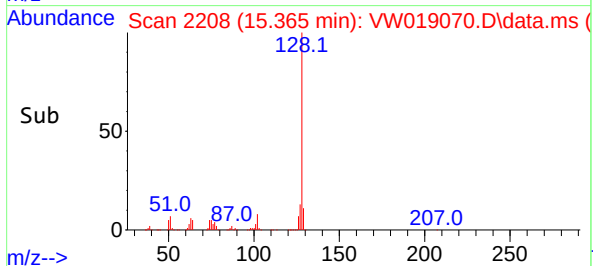
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBSD01



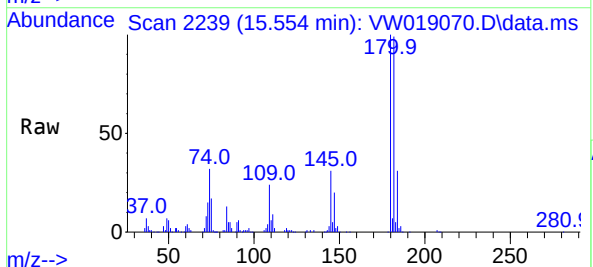
Tgt Ion:128 Resp: 222214
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
5/25/2021 5:58:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.00 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019070.D
Acq: 24 May 2021 17:33



Tgt Ion:180 Resp: 104598
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.7 16.1 48.2

