

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	104764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	151756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	139952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	73872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	56366	46.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.780%		
35) Dibromofluoromethane	7.885	113	47769	48.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.180%		
50) Toluene-d8	10.323	98	181288	48.990	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.615	95	67867	49.885	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	13722	24.086	ug/l	100
3) Chloromethane	2.215	50	34230	37.629	ug/l	100
4) Vinyl Chloride	2.355	62	44648	31.386	ug/l	100
5) Bromomethane	2.764	94	24578	21.993	ug/l	100
6) Chloroethane	2.910	64	18647	20.046	ug/l	100
7) Trichlorofluoromethane	3.251	101	31225	37.540	ug/l	100
8) Diethyl Ether	3.678	74	26100	49.298	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	49755	44.359	ug/l	100
10) Methyl Iodide	4.263	142	65971	43.396	ug/l	100
11) Tert butyl alcohol	5.172	59	19638	318.201	ug/l	100
12) 1,1-Dichloroethene	4.038	96	48400	45.975	ug/l	100
13) Acrolein	3.891	56	16427	336.687	ug/l	100
14) Allyl chloride	4.666	41	81174	54.805	ug/l	100
15) Acrylonitrile	5.367	53	71021	305.112	ug/l	100
16) Acetone	4.123	43	81698	375.251	ug/l	100
17) Carbon Disulfide	4.379	76	144518	45.026	ug/l	100
18) Methyl Acetate	4.672	43	46483	75.294	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	88521	60.355	ug/l	100
20) Methylene Chloride	4.916	84	56363	38.868	ug/l	100
21) trans-1,2-Dichloroethene	5.422	96	54681	45.746	ug/l	100
22) Diisopropyl ether	6.312	45	158843	51.265	ug/l	100
23) Vinyl Acetate	6.257	43	493674	286.559	ug/l	100
24) 1,1-Dichloroethane	6.214	63	98140	45.473	ug/l	100
25) 2-Butanone	7.171	43	101520	338.999	ug/l	100
26) 2,2-Dichloropropane	7.165	77	63723	48.092	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	58090	45.540	ug/l	100
28) Bromochloromethane	7.519	49	41229	48.003	ug/l #	100
29) Tetrahydrofuran	7.531	42	61710	333.372	ug/l	100
30) Chloroform	7.677	83	100123	44.149	ug/l	100
31) Cyclohexane	7.958	56	93247	47.369	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	85422	46.228	ug/l	100
36) 1,1-Dichloropropene	8.086	75	80936	51.061	ug/l	100
37) Ethyl Acetate	7.251	43	41387	66.425	ug/l	100
38) Carbon Tetrachloride	8.067	117	78789	48.926	ug/l	100
39) Methylcyclohexane	9.335	83	95949	52.501	ug/l	100
40) Benzene	8.323	78	218092	50.074	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25563	71.851	ug/l	100
42) 1,2-Dichloroethane	8.403	62	71233	52.571	ug/l	100
43) Isopropyl Acetate	8.427	43	76448	65.269	ug/l	100
44) Trichloroethene	9.092	130	59490	51.685	ug/l	100
45) 1,2-Dichloropropane	9.372	63	53362	50.388	ug/l	100
46) Dibromomethane	9.457	93	30485	50.786	ug/l	100
47) Bromodichloromethane	9.646	83	73696	49.528	ug/l	100
48) Methyl methacrylate	9.433	41	36312	69.638	ug/l	100
49) 1,4-Dioxane	9.445	88	9161	1189.955	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	212967	345.476	ug/l	100
52) Toluene	10.390	92	140718	51.005	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	77965	53.929	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	86774	52.017	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	42649	51.822	ug/l	100
56) Ethyl methacrylate	10.646	69	60240	63.823	ug/l	100
57) 1,3-Dichloropropane	10.933	76	74078	52.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	127605	296.152	ug/l	100
59) 2-Hexanone	10.969	43	156950	374.423	ug/l	100
60) Dibromochloromethane	11.128	129	50161	52.871	ug/l	100
61) 1,2-Dibromoethane	11.238	107	41822	54.042	ug/l	100
64) Tetrachloroethene	10.860	164	52097	53.182	ug/l	100
65) Chlorobenzene	11.658	112	145831	49.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	53713	50.570	ug/l	100
67) Ethyl Benzene	11.731	91	273603	52.083	ug/l	100
68) m/p-Xylenes	11.841	106	210569	102.356	ug/l	100
69) o-Xylene	12.164	106	96804	51.484	ug/l	100
70) Styrene	12.183	104	170645	53.322	ug/l	100
71) Bromoform	12.353	173	32894	60.699	ug/l #	100
73) Isopropylbenzene	12.463	105	270217	52.380	ug/l	100
74) N-amyl acetate	12.274	43	72138	64.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	52017	53.644	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	42833m	60.059	ug/l	100
77) Bromobenzene	12.743	156	65456	53.864	ug/l	100
78) n-propylbenzene	12.804	91	332777	51.366	ug/l	100
79) 2-Chlorotoluene	12.890	91	189009	50.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	234729	51.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	17764	60.817	ug/l	100
82) 4-Chlorotoluene	12.987	91	197389	49.927	ug/l	100
83) tert-Butylbenzene	13.207	119	203989	53.167	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	231244	52.113	ug/l	100
85) sec-Butylbenzene	13.384	105	302419	52.233	ug/l	100
86) p-Isopropyltoluene	13.493	119	256142	52.725	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	131704	51.319	ug/l	100
88) 1,4-Dichlorobenzene	13.573	146	127546	50.182	ug/l	100
89) n-Butylbenzene	13.823	91	237993	51.229	ug/l	100
90) Hexachloroethane	14.091	117	42741	46.548	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	113322	51.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9788	60.542	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	75242	54.656	ug/l	100
94) Hexachlorobutadiene	15.231	225	49491	59.818	ug/l	100
95) Naphthalene	15.365	128	148302	61.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	69813	57.531	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

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

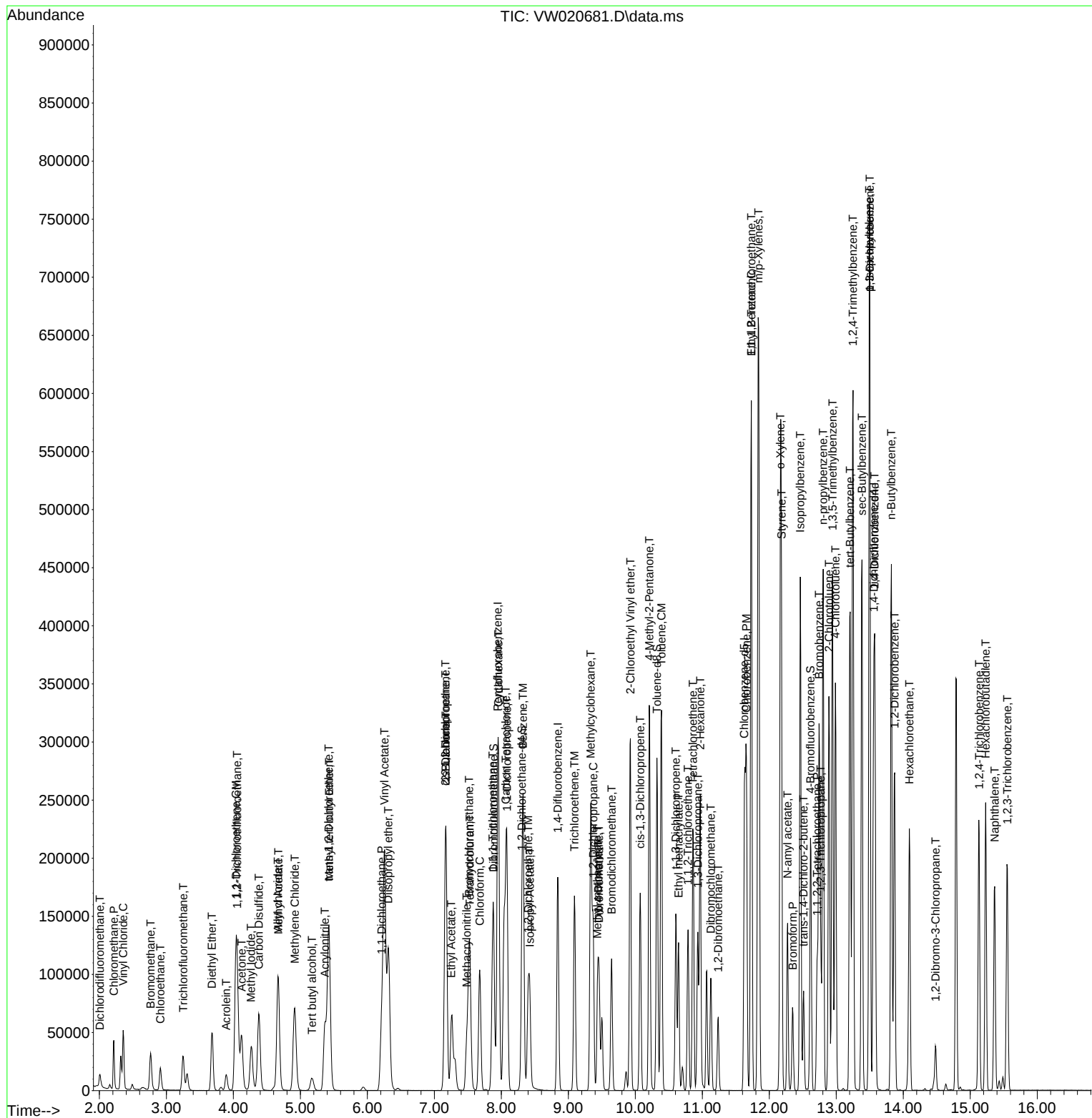
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

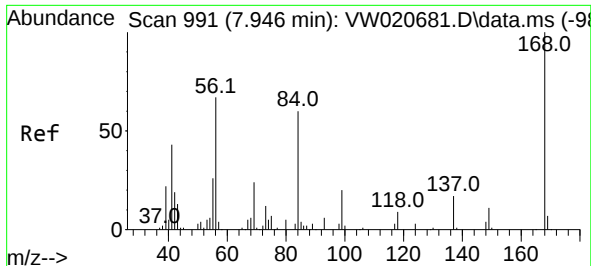
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

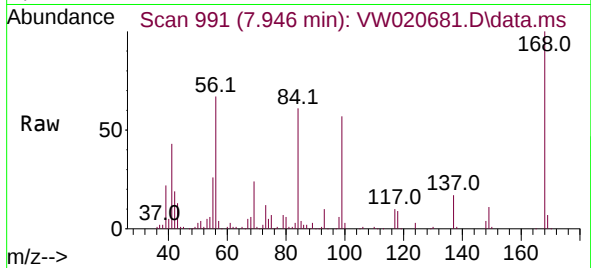
MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

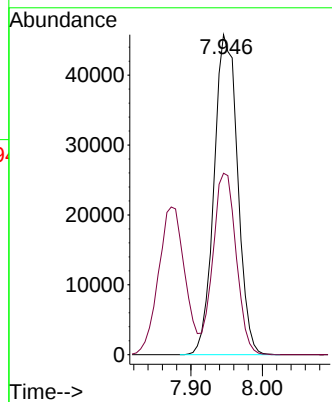
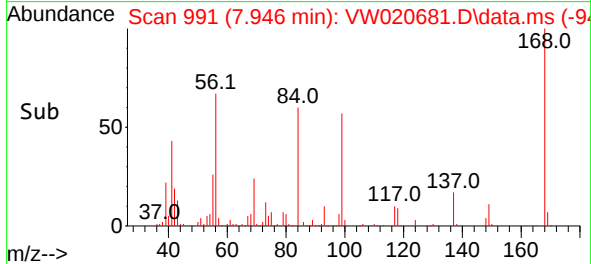




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



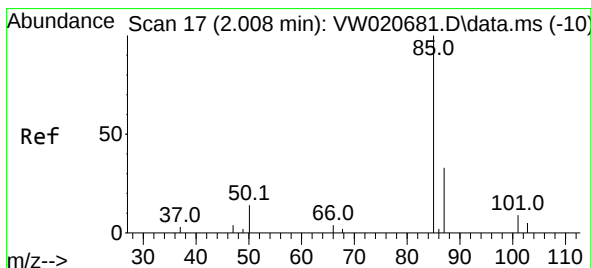
Tgt Ion:168 Resp: 104764
Ion Ratio Lower Upper
168 100
99 56.7 45.4 68.0



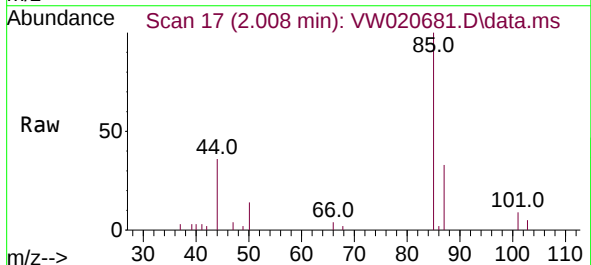
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

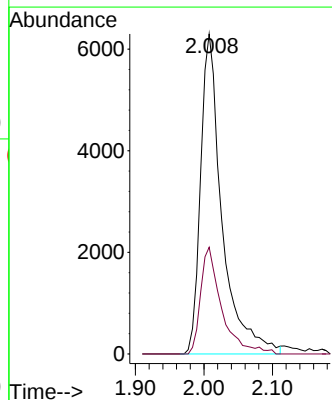
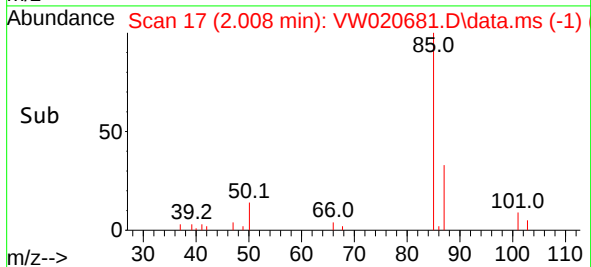
MMDadoda
10/25/2021 11:56:10 AM

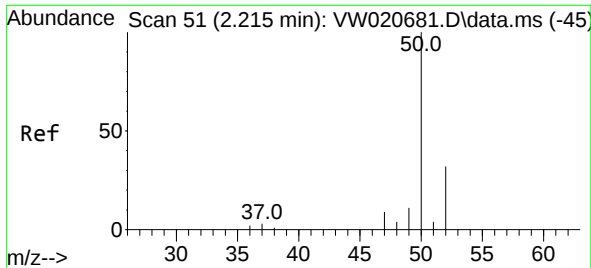


#2
Dichlorodifluoromethane
Concen: 24.086 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion: 85 Resp: 13722
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0





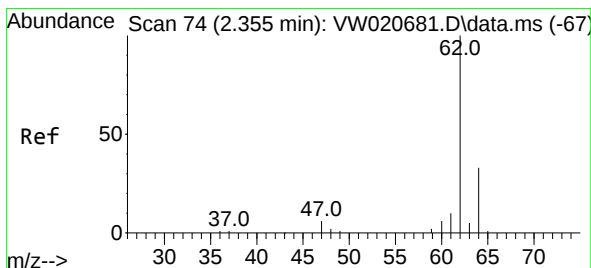
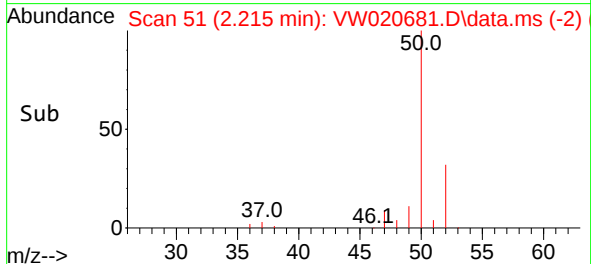
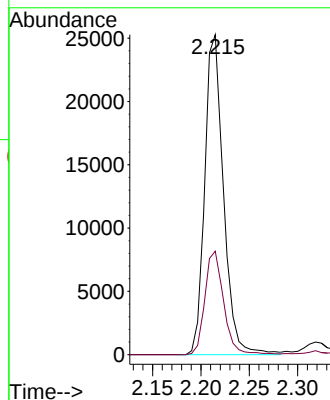
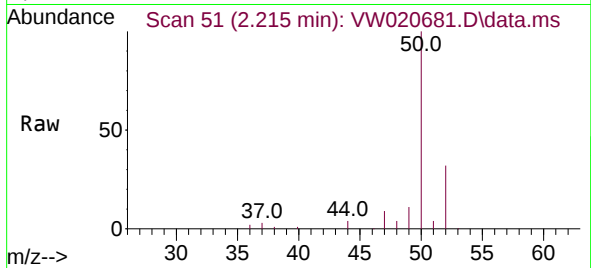
#3
Chloromethane
Concen: 37.629 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 50 Resp: 34230
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

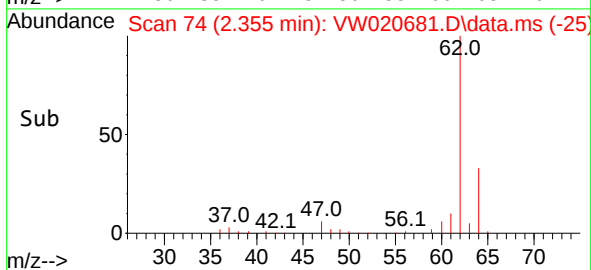
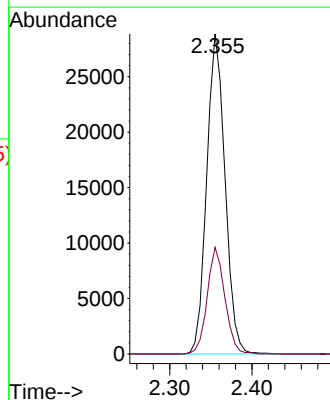
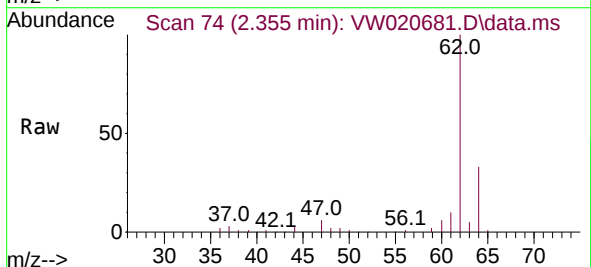
Manual Integrations
APPROVED

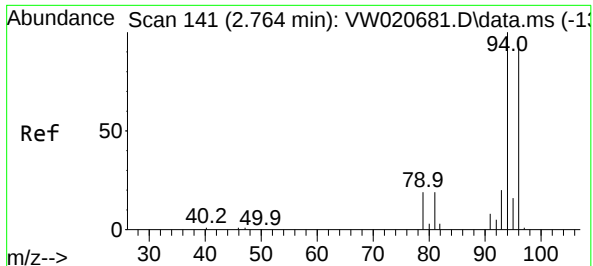
MMDadoda
10/25/2021 11:56:10 AM



#4
Vinyl Chloride
Concen: 31.386 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 62 Resp: 44648
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0





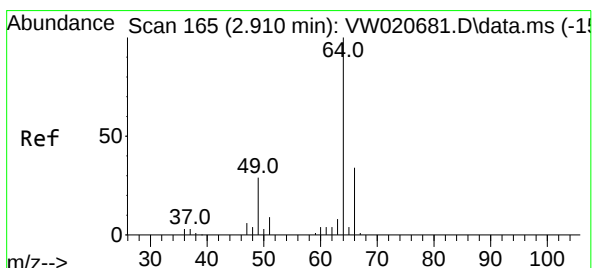
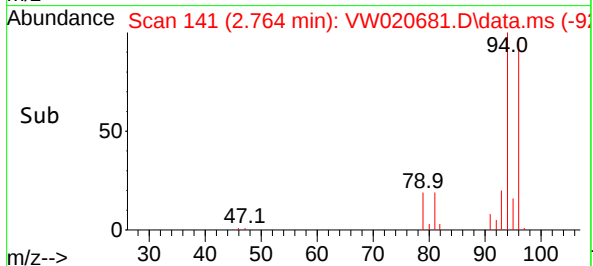
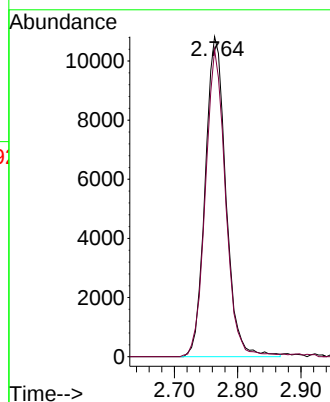
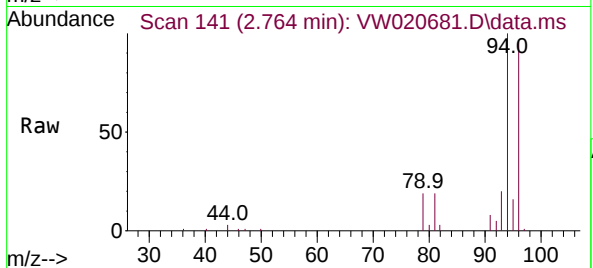
#5
Bromomethane
Concen: 21.993 ug/l
RT: 2.764 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 94 Resp: 24578
Ion Ratio Lower Upper
94 100
96 95.9 76.7 115.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

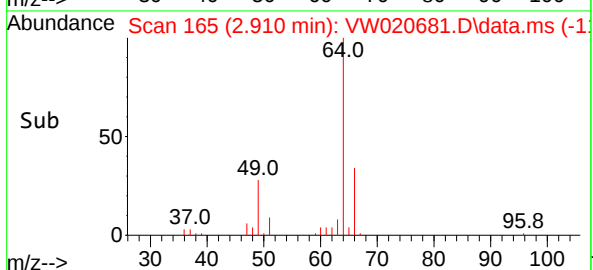
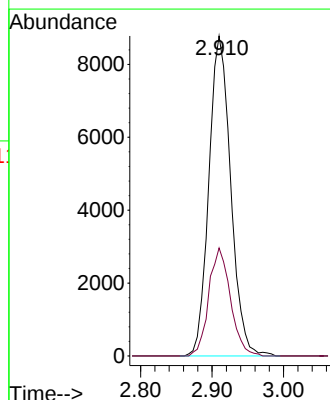
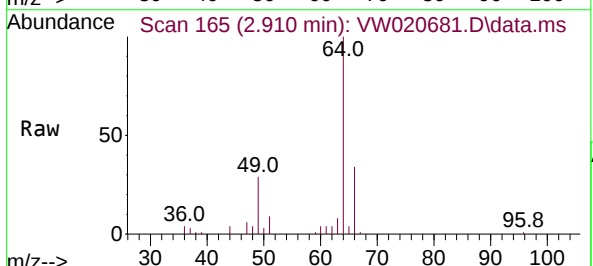
Manual Integrations
APPROVED

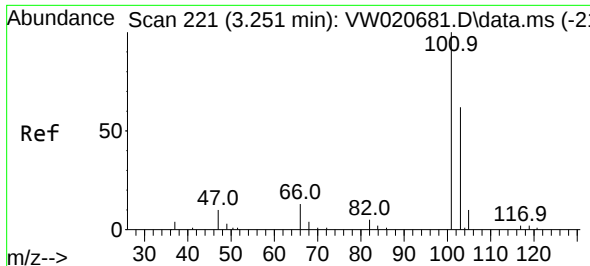
MMDadoda
10/25/2021 11:56:10 AM



#6
Chloroethane
Concen: 20.046 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 64 Resp: 18647
Ion Ratio Lower Upper
64 100
66 33.7 27.0 40.4





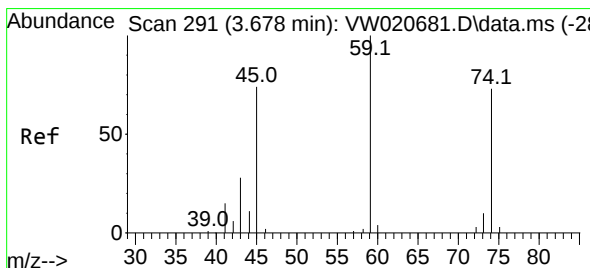
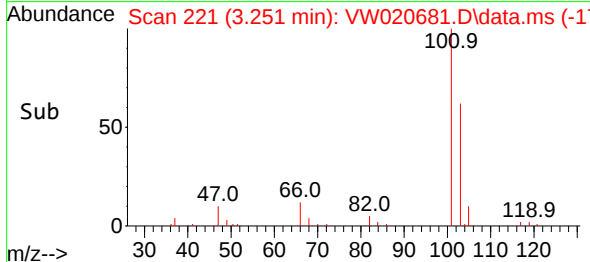
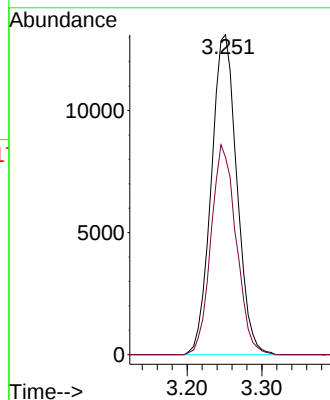
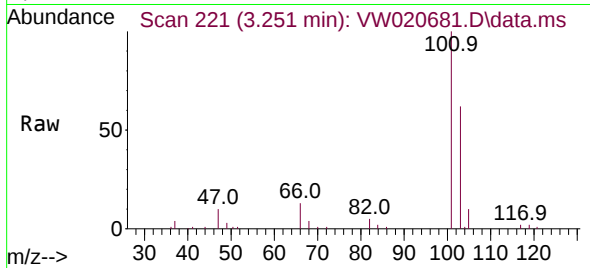
#7
Trichlorofluoromethane
Concen: 37.540 ug/l
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 101 Resp: 31225
Ion Ratio Lower Upper
101 100
103 61.7 49.4 74.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

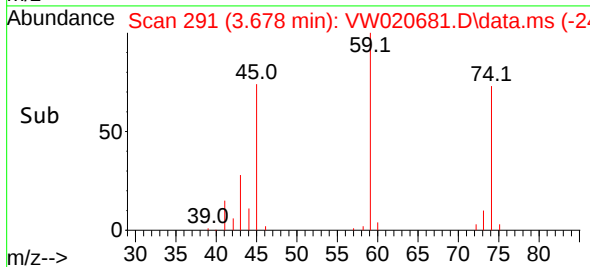
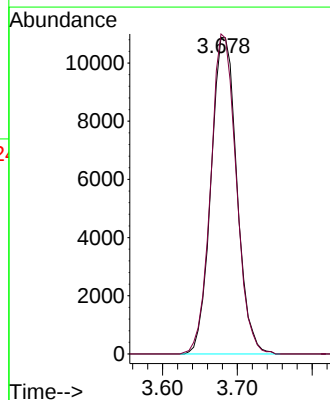
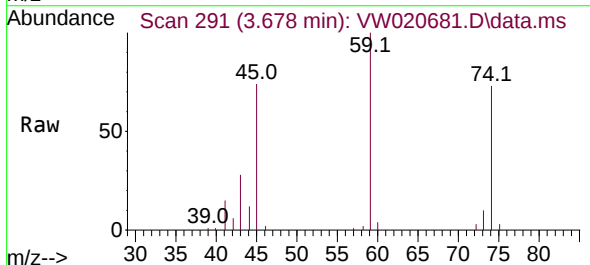
Manual Integrations
APPROVED

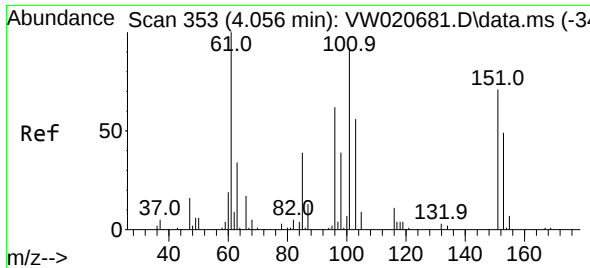
MMDadoda
10/25/2021 11:56:10 AM



#8
Diethyl Ether
Concen: 49.298 ug/l
RT: 3.678 min Scan# 291
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 74 Resp: 26100
Ion Ratio Lower Upper
74 100
45 100.1 50.0 150.1





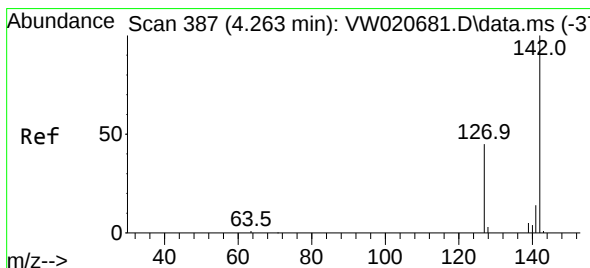
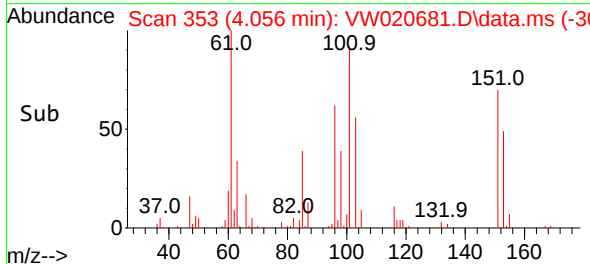
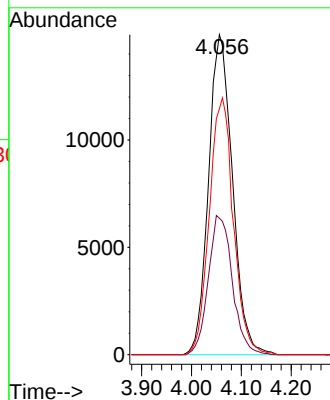
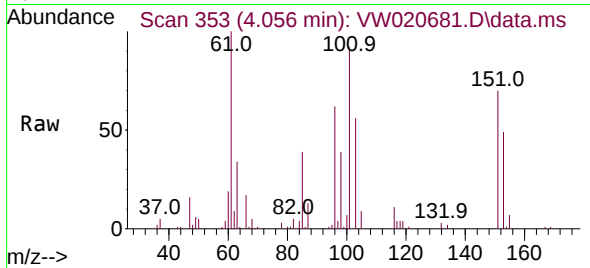
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.359 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	101	Resp:	49755
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.9	52.3
151	80.6	64.5	96.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

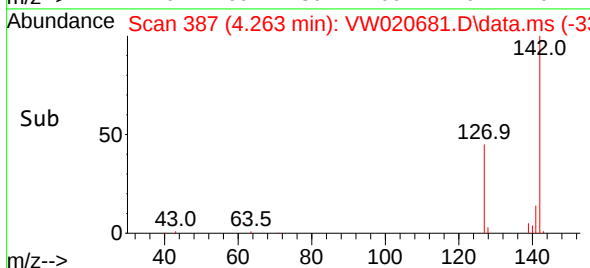
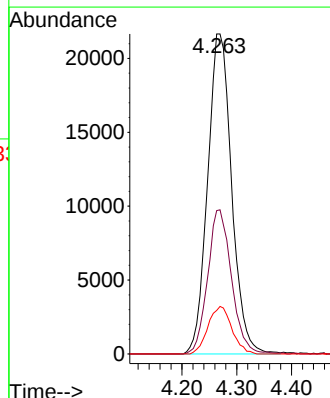
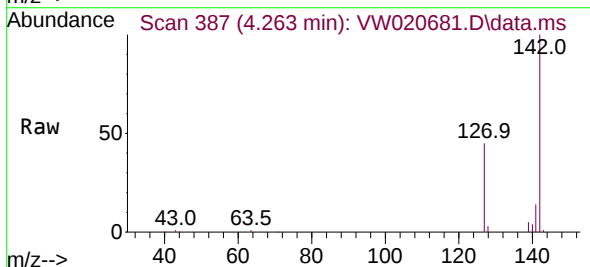
Manual Integrations
APPROVED

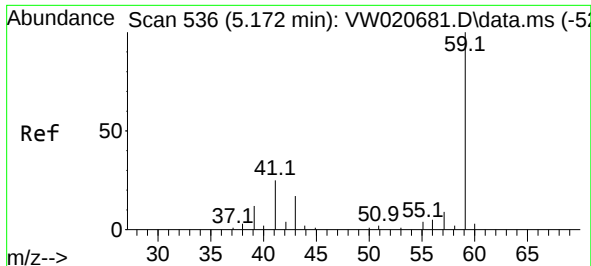
MMDadoda
10/25/2021 11:56:10 AM



#10
Methyl Iodide
Concen: 43.396 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	142	Resp:	65971
Ion	Ratio	Lower	Upper
142	100		
127	44.7	35.8	53.6
141	14.7	11.8	17.6





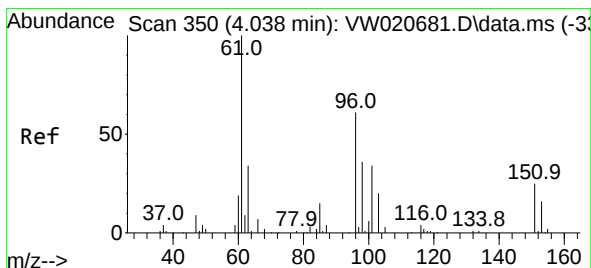
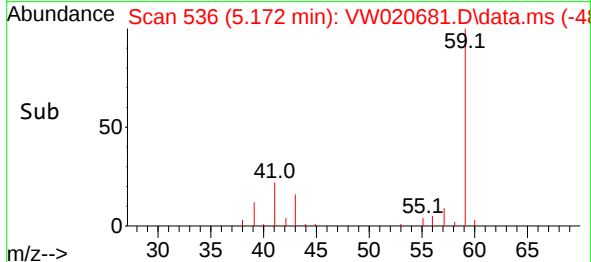
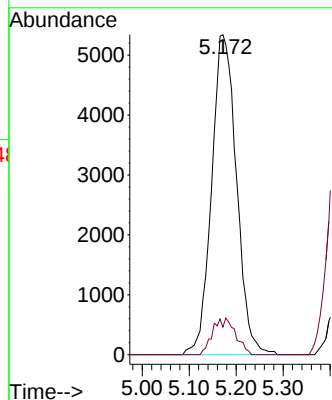
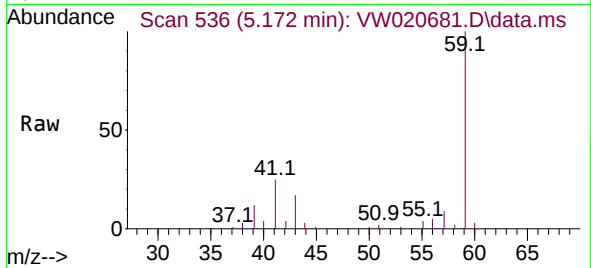
#11
Tert butyl alcohol
Concen: 318.201 ug/l
RT: 5.172 min Scan# 536
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 59 Resp: 19638
Ion Ratio Lower Upper
59 100
57 5.2 4.2 6.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

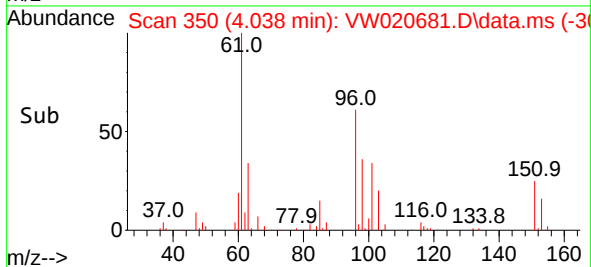
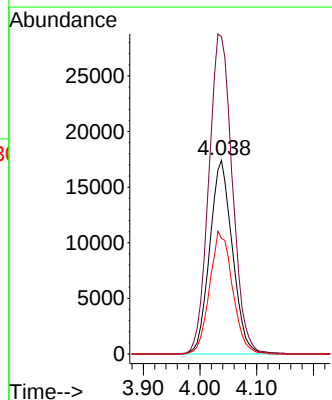
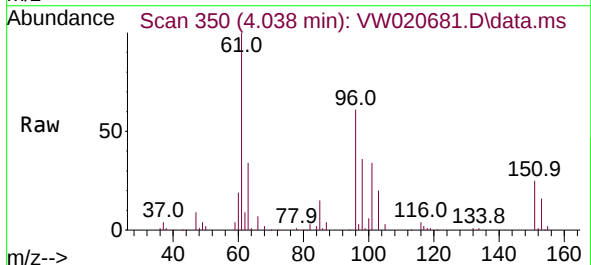
Manual Integrations
APPROVED

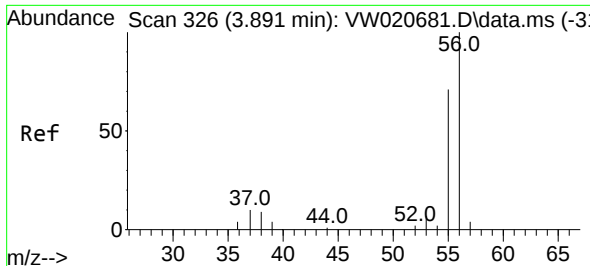
MMDadoda
10/25/2021 11:56:10 AM



#12
1,1-Dichloroethene
Concen: 45.975 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 96 Resp: 48400
Ion Ratio Lower Upper
96 100
61 163.8 131.0 196.6
98 59.7 47.8 71.6





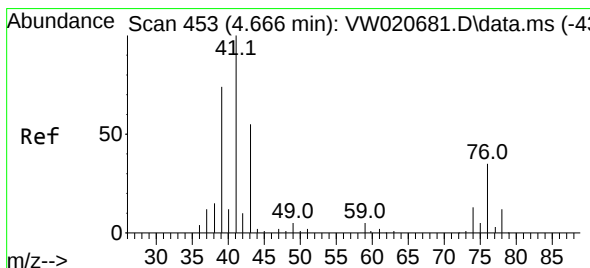
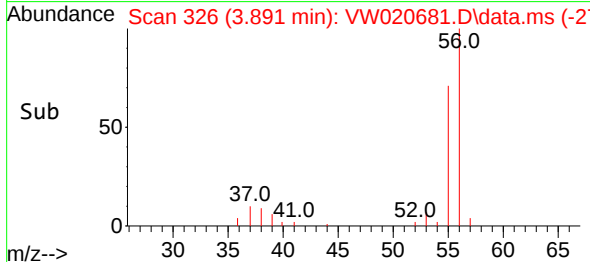
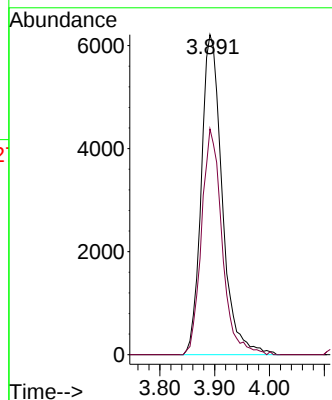
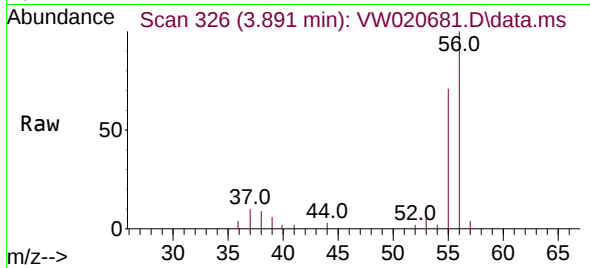
#13
Acrolein
Concen: 336.687 ug/l
RT: 3.891 min Scan# 326
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 56 Resp: 16427
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

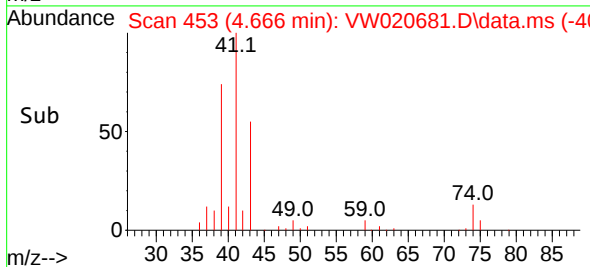
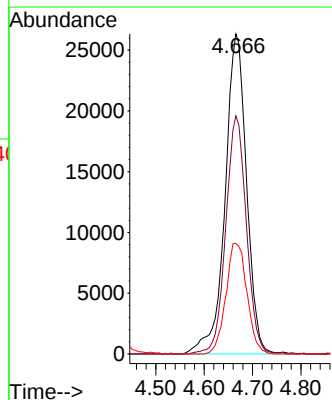
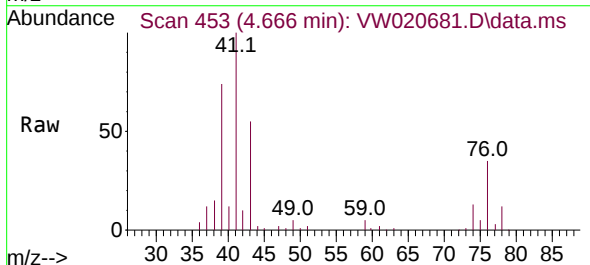
Manual Integrations
APPROVED

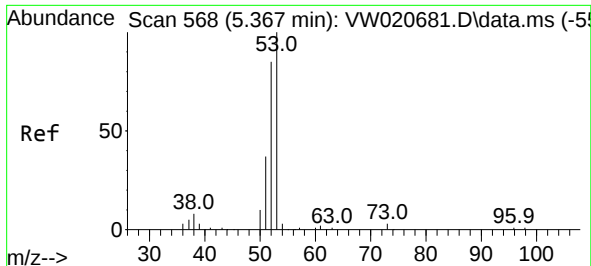
MMDadoda
10/25/2021 11:56:10 AM



#14
Allyl chloride
Concen: 54.805 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

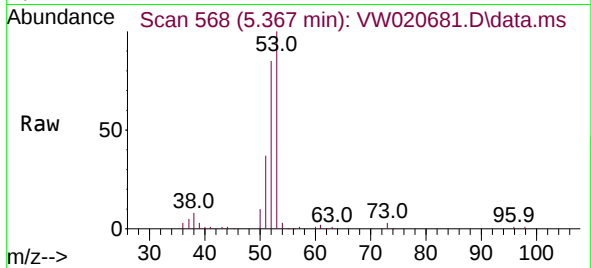
Tgt Ion: 41 Resp: 81174
Ion Ratio Lower Upper
41 100
39 71.4 57.1 85.7
76 33.9 27.1 40.7





#15
Acrylonitrile
Concen: 305.112 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

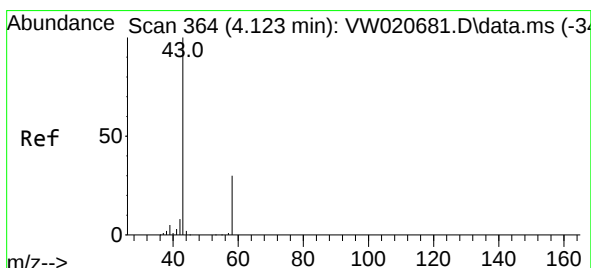
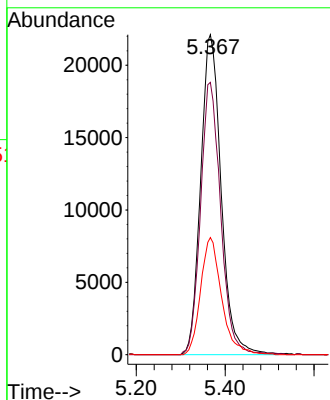
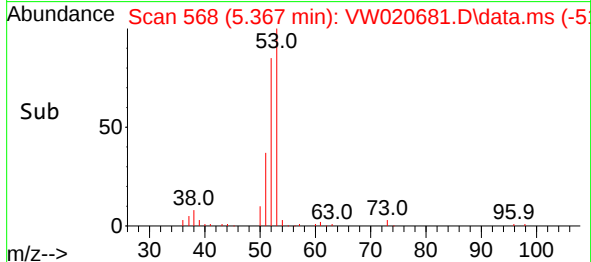
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



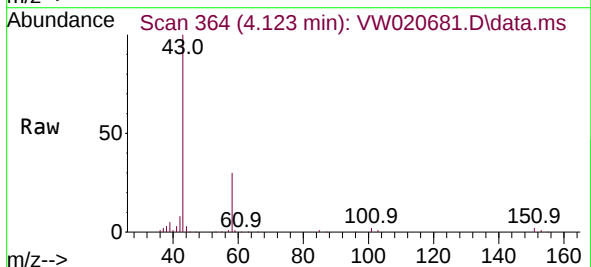
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.6	30.1	45.1

Manual Integrations
APPROVED

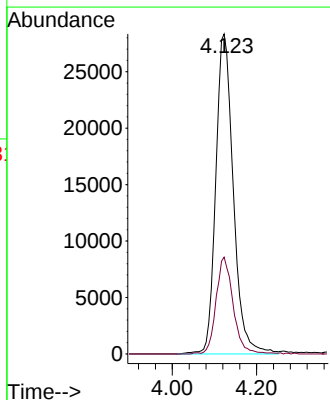
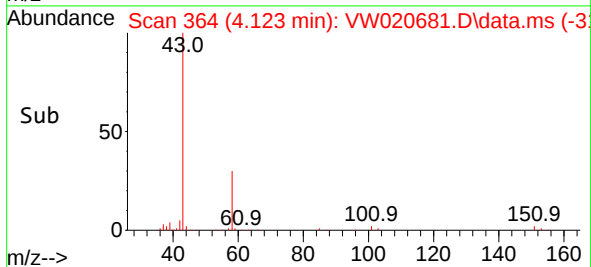
MMDadoda
10/25/2021 11:56:10 AM

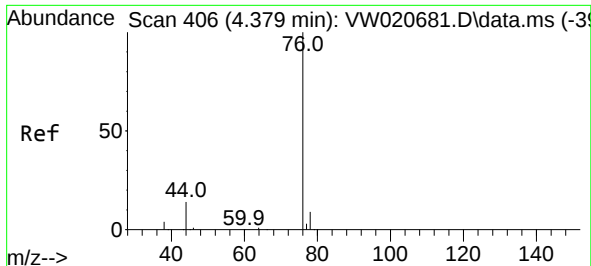


#16
Acetone
Concen: 375.251 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.2





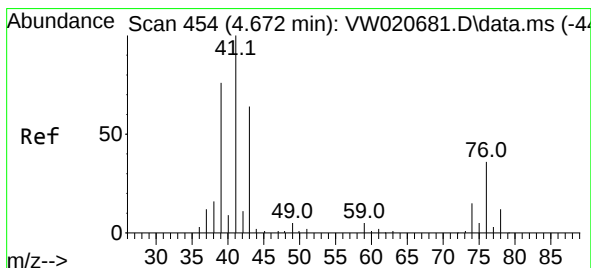
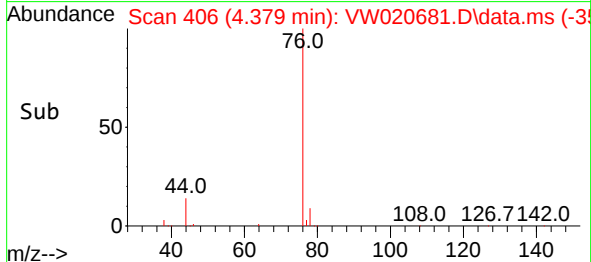
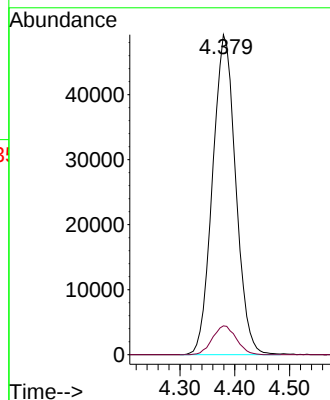
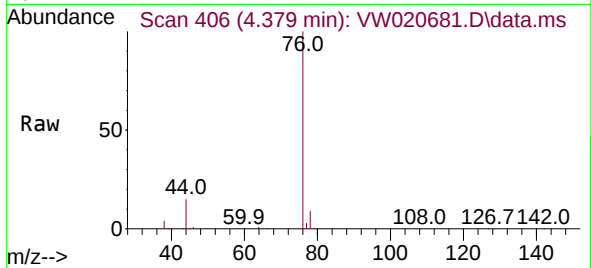
#17
Carbon Disulfide
Concen: 45.026 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 76 Resp: 144518
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

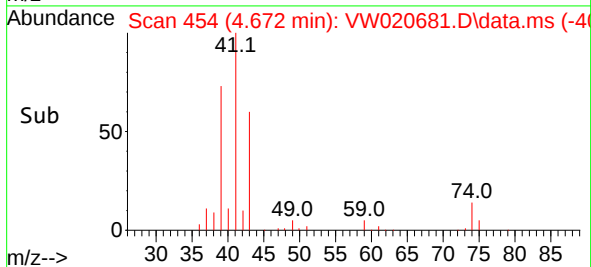
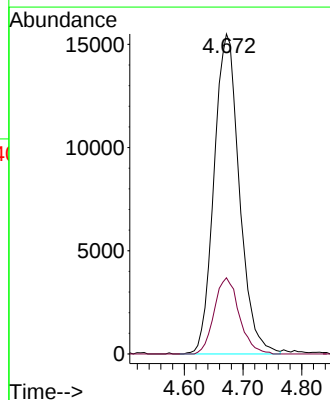
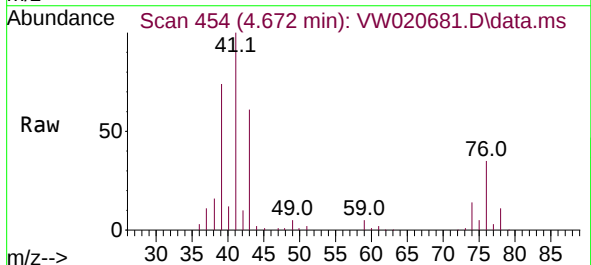
Manual Integrations
APPROVED

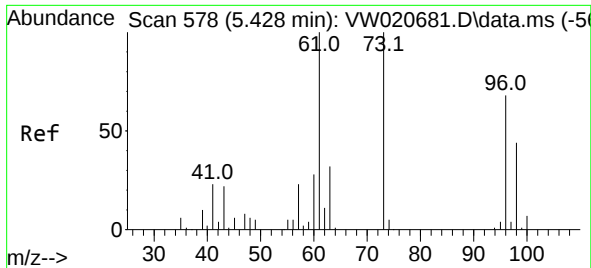
MMDadoda
10/25/2021 11:56:10 AM



#18
Methyl Acetate
Concen: 75.294 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 46483
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1





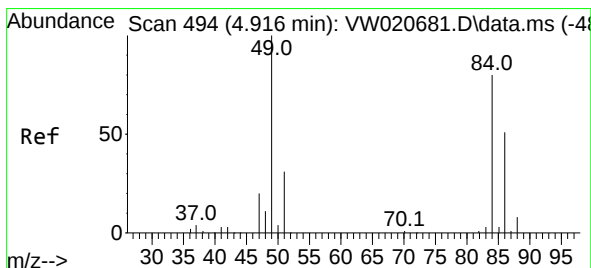
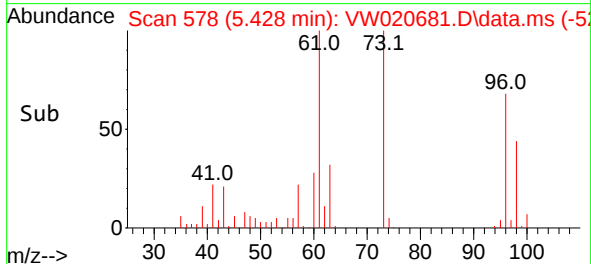
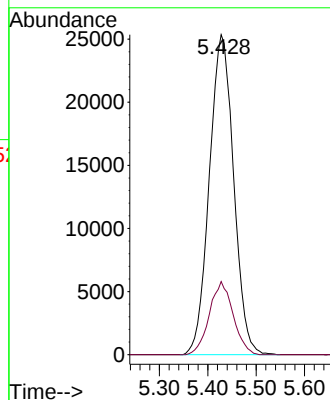
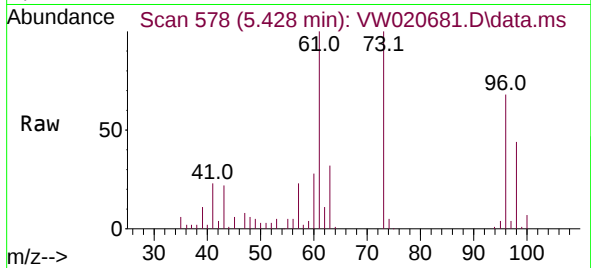
#19
Methyl tert-butyl Ether
Concen: 60.355 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 73 Resp: 88521
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

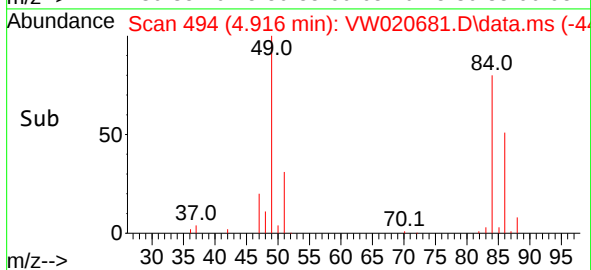
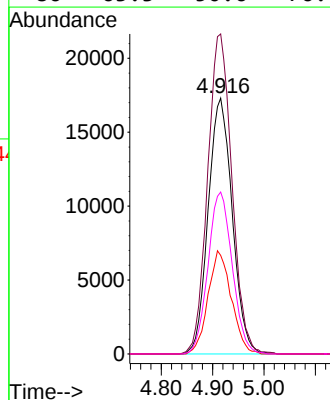
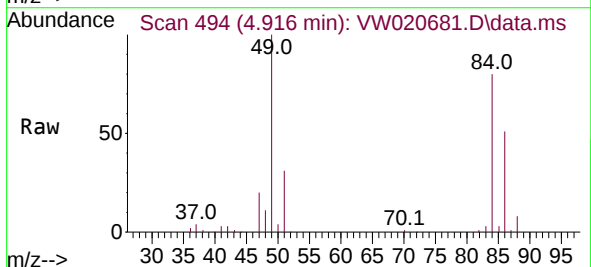
Manual Integrations
APPROVED

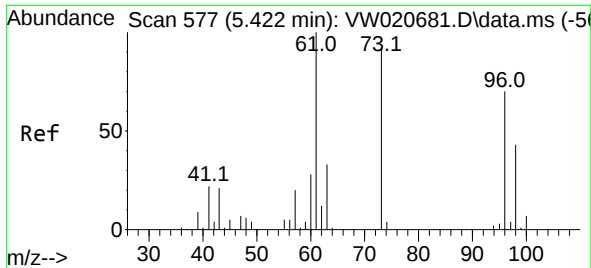
MMDadoda
10/25/2021 11:56:10 AM



#20
Methylene Chloride
Concen: 38.868 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 84 Resp: 56363
Ion Ratio Lower Upper
84 100
49 125.0 100.0 150.0
51 38.5 30.8 46.2
86 63.3 50.6 76.0





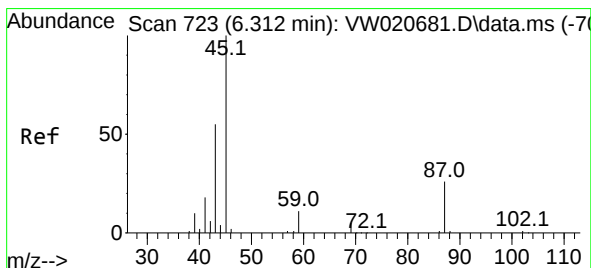
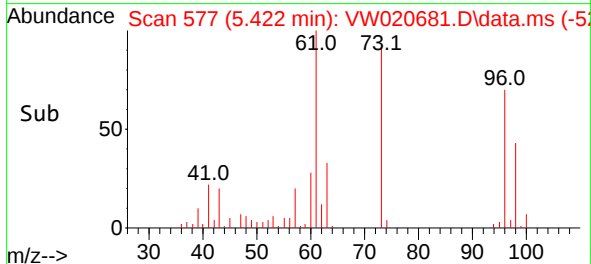
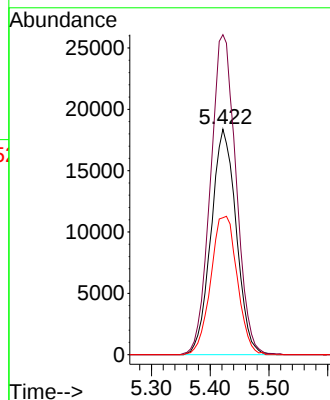
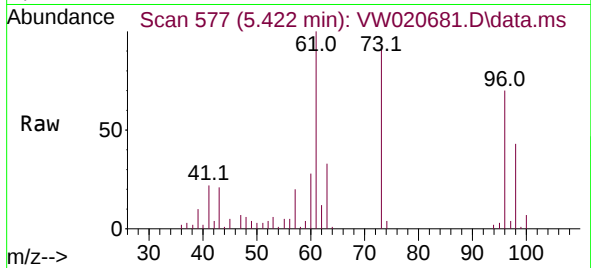
#21
trans-1,2-Dichloroethene
Concen: 45.746 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	96	Resp:	54681
Ion	Ratio	Lower	Upper
96	100		
61	141.9	113.5	170.3
98	60.7	48.6	72.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

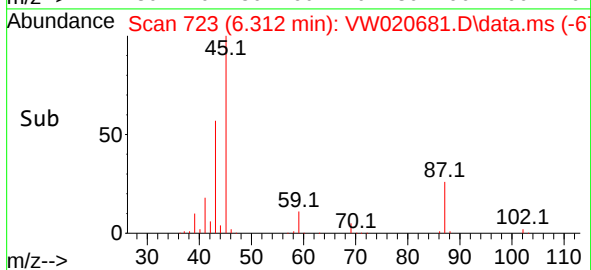
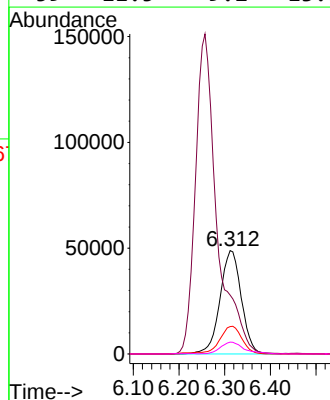
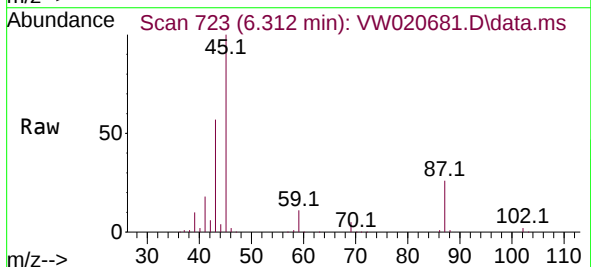
Manual Integrations
APPROVED

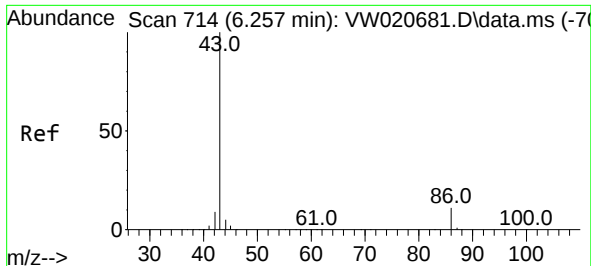
MMDadoda
10/25/2021 11:56:10 AM



#22
Diisopropyl ether
Concen: 51.265 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	45	Resp:	158843
Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.1	67.7
87	26.5	21.2	31.8
59	11.5	9.2	13.8





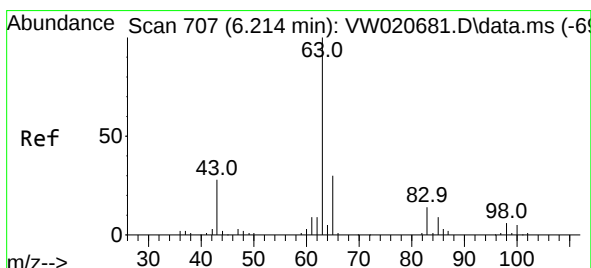
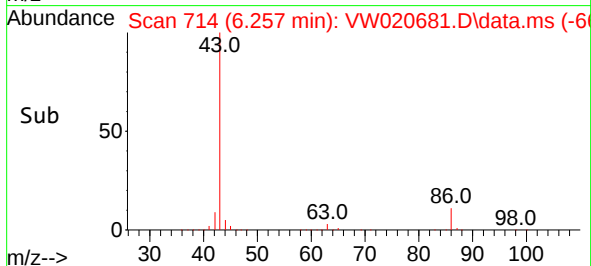
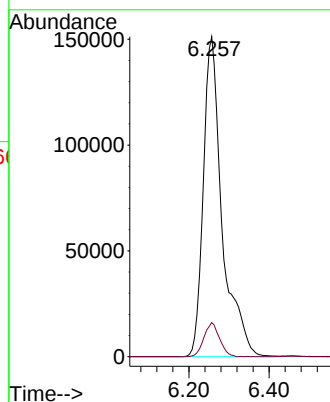
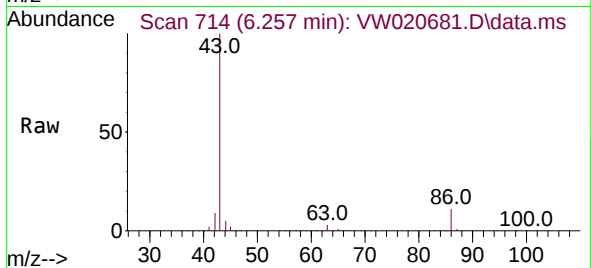
#23
 Vinyl Acetate
 Concen: 286.559 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020681.D
 Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 493674
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

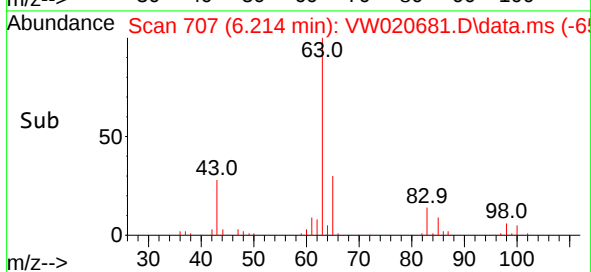
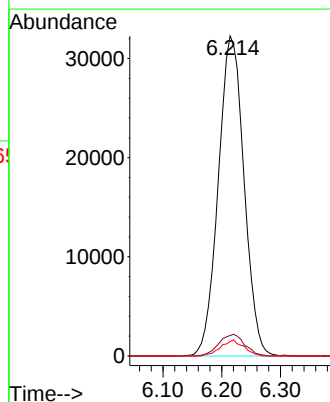
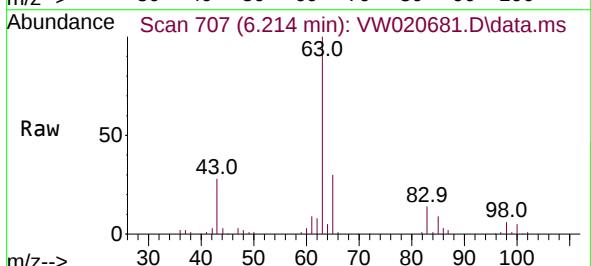
Manual Integrations
 APPROVED

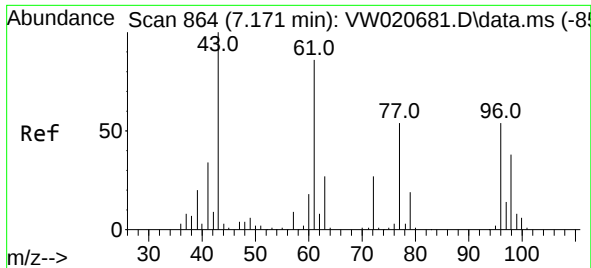
MMDadoda
 10/25/2021 11:56:10 AM



#24
 1,1-Dichloroethane
 Concen: 45.473 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020681.D
 Acq: 22 Oct 2021 14:00

Tgt Ion: 63 Resp: 98140
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.5 2.3 6.8





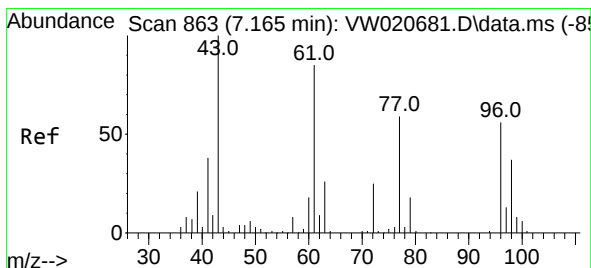
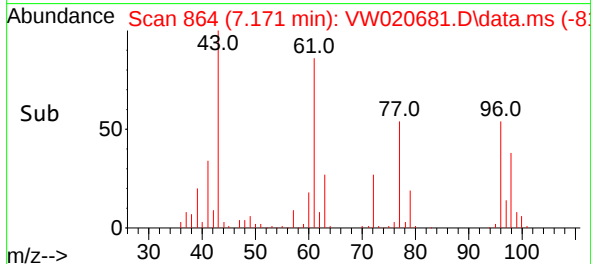
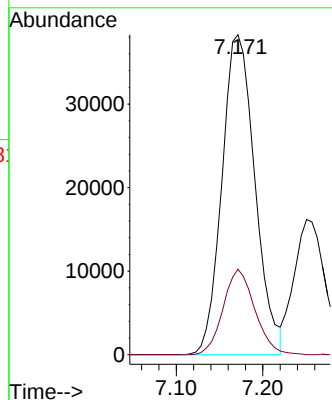
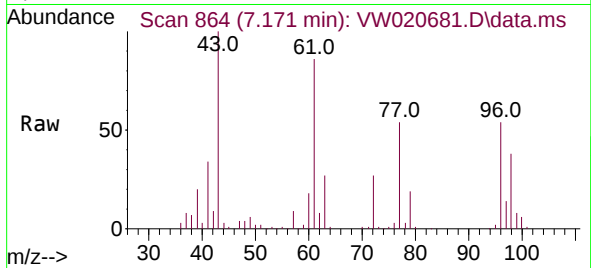
#25
2-Butanone
Concen: 338.999 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 101520
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

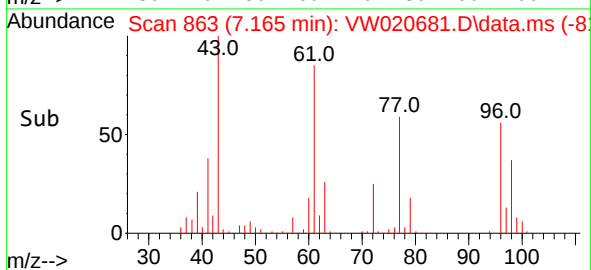
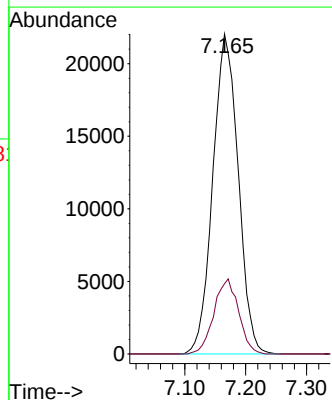
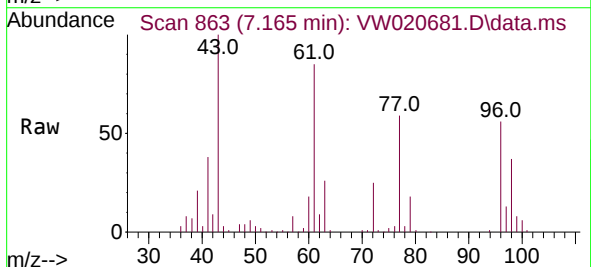
Manual Integrations
APPROVED

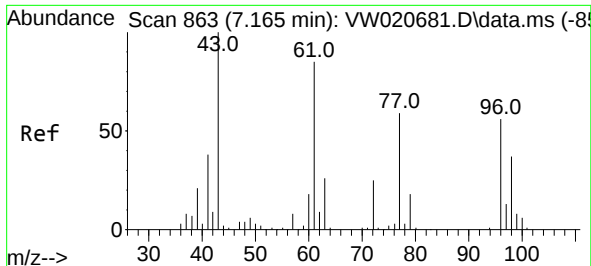
MMDadoda
10/25/2021 11:56:10 AM



#26
2,2-Dichloropropane
Concen: 48.092 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 77 Resp: 63723
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 45.540 ug/l

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW020681.D

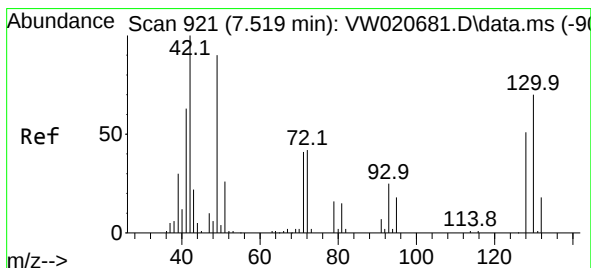
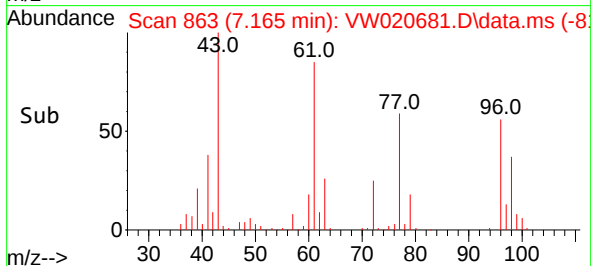
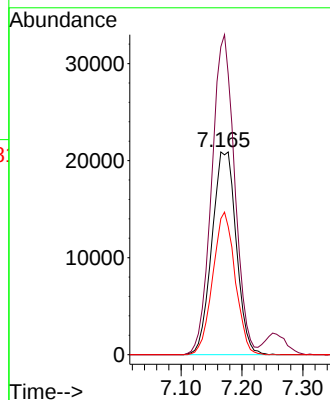
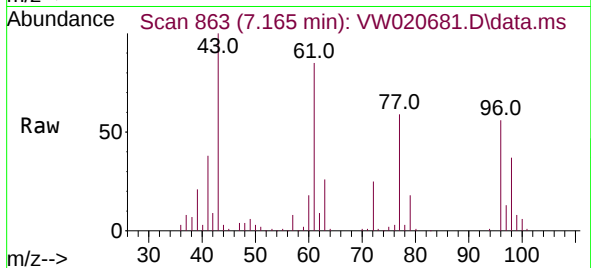
Acq: 22 Oct 2021 14:00

Tgt Ion: 96	Resp: 58090
Ion Ratio	Lower Upper
96 100	
61 149.0	0.0 298.0
98 64.7	0.0 129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



#28

Bromochloromethane

Concen: 48.003 ug/l

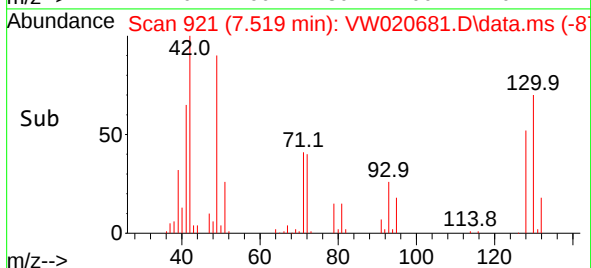
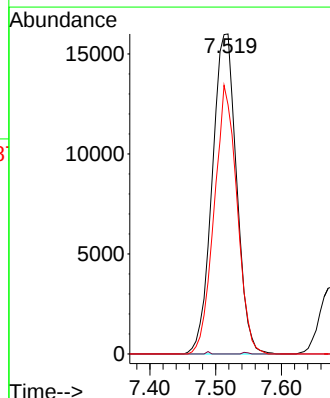
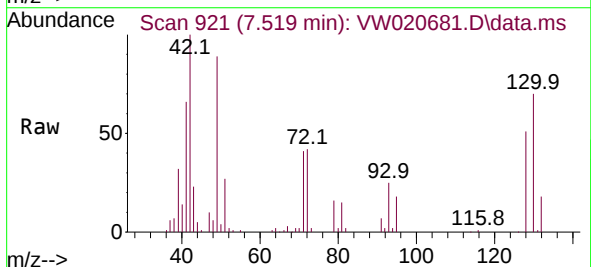
RT: 7.519 min Scan# 921

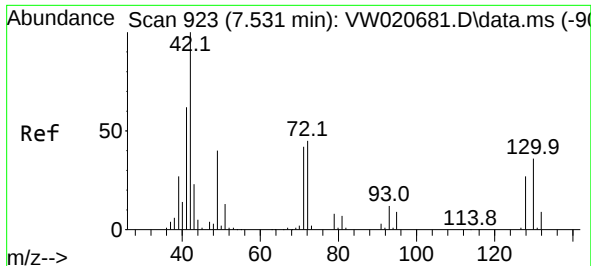
Delta R.T. 0.000 min

Lab File: VW020681.D

Acq: 22 Oct 2021 14:00

Tgt Ion: 49	Resp: 41229
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 0.0
130 78.8	63.0 94.6





#29

Tetrahydrofuran

Concen: 333.372 ug/l

RT: 7.531 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW020681.D

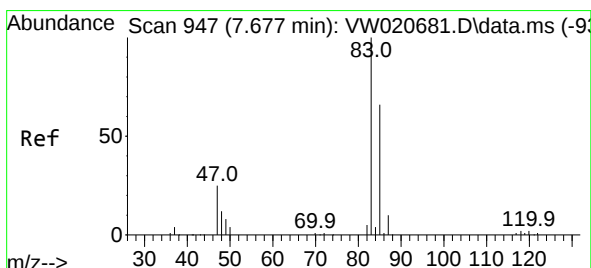
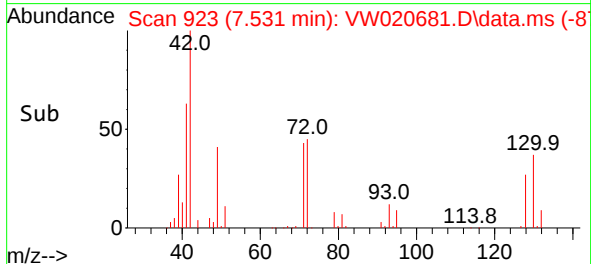
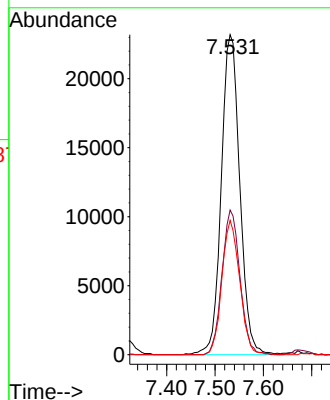
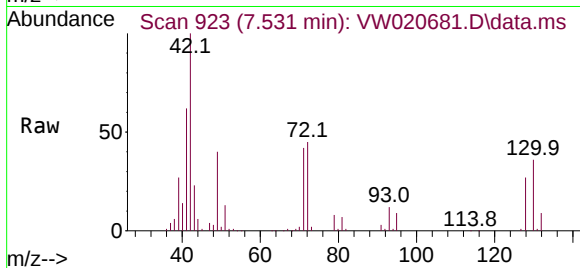
Acq: 22 Oct 2021 14:00

Tgt Ion:	42	Resp:	61710
Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.0	52.6
71	40.3	32.2	48.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



#30

Chloroform

Concen: 44.149 ug/l

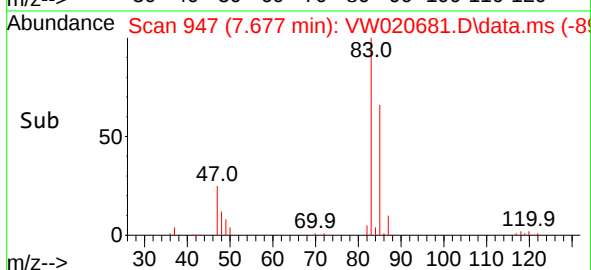
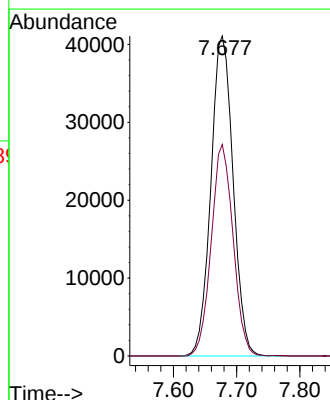
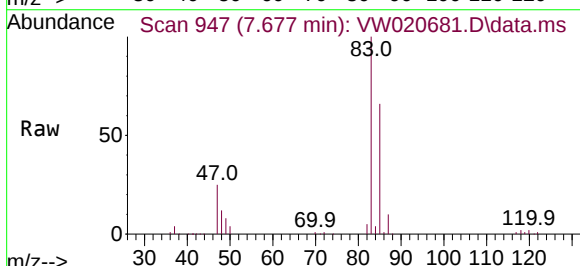
RT: 7.677 min Scan# 947

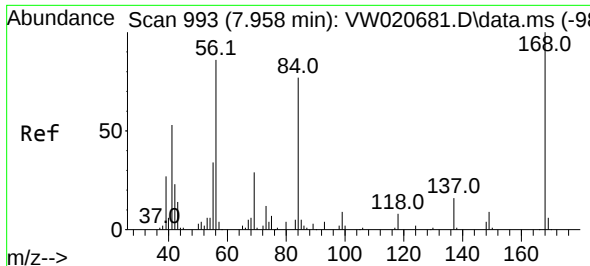
Delta R.T. 0.000 min

Lab File: VW020681.D

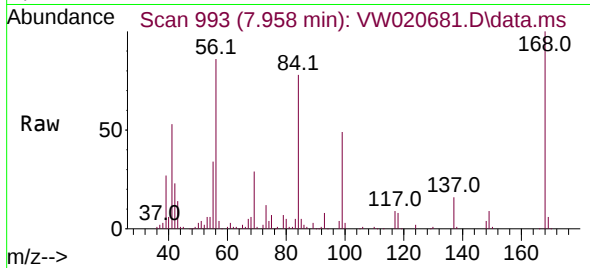
Acq: 22 Oct 2021 14:00

Tgt Ion:	83	Resp:	100123
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3

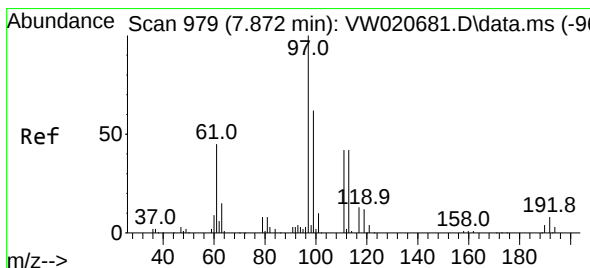
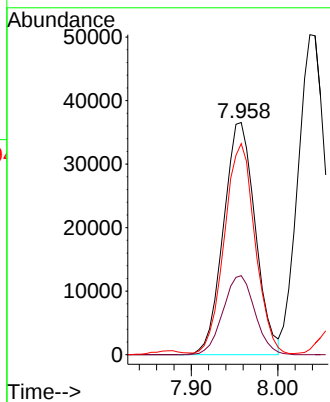
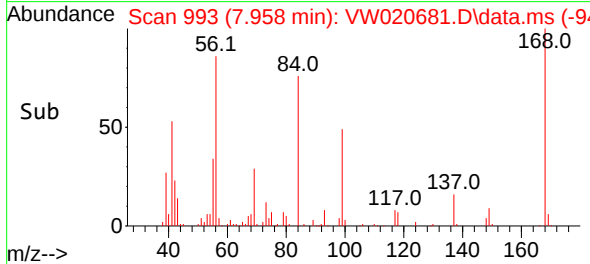




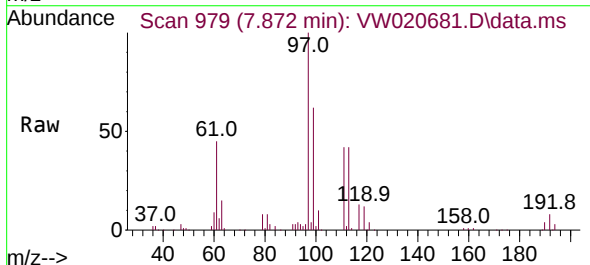
#31
Cyclohexane
Concen: 47.369 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



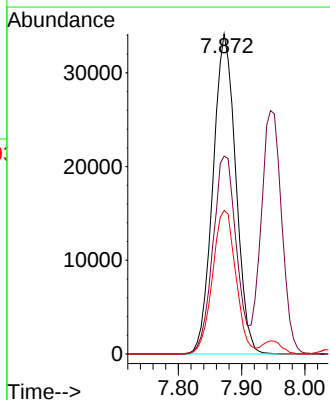
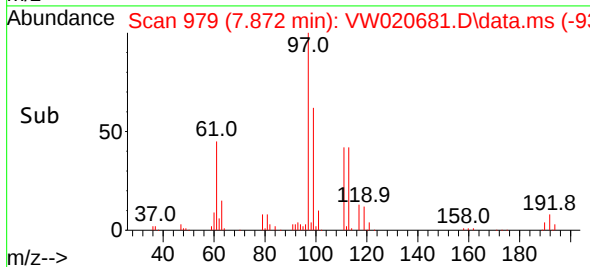
Tgt Ion: 56 Resp: 93247
Ion Ratio Lower Upper
56 100
69 34.0 27.2 40.8
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.228 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



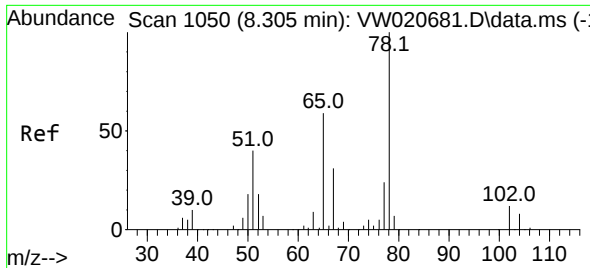
Tgt Ion: 97 Resp: 85422
Ion Ratio Lower Upper
97 100
99 63.2 50.6 75.8
61 45.8 36.6 55.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



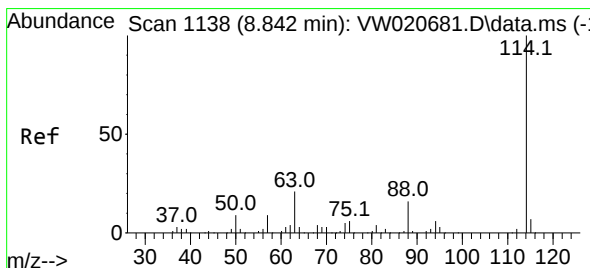
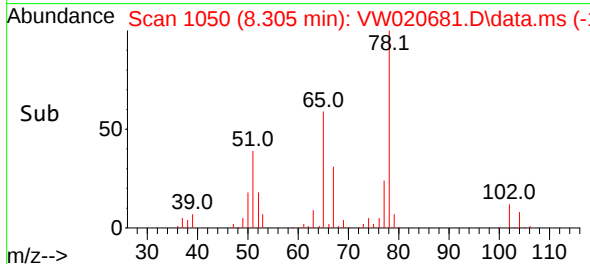
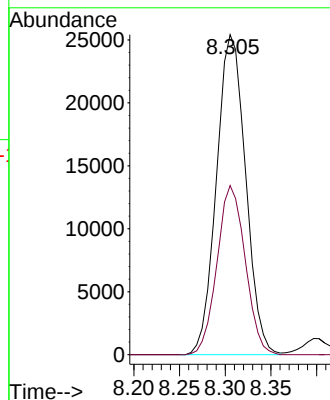
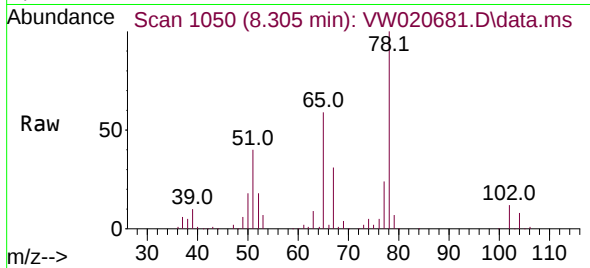
#33
1,2-Dichloroethane-d4
Concen: 46.390 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 65 Resp: 56366
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

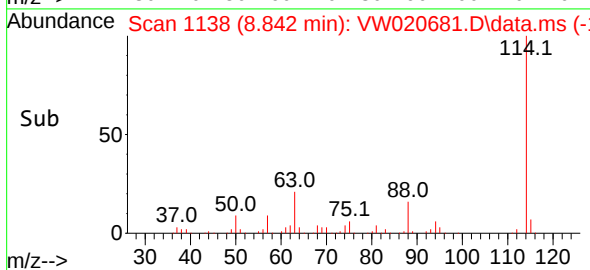
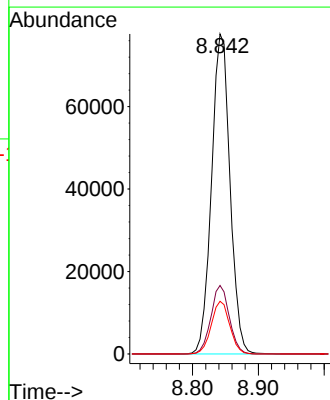
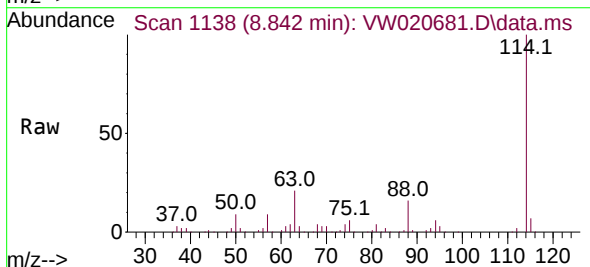
Manual Integrations
APPROVED

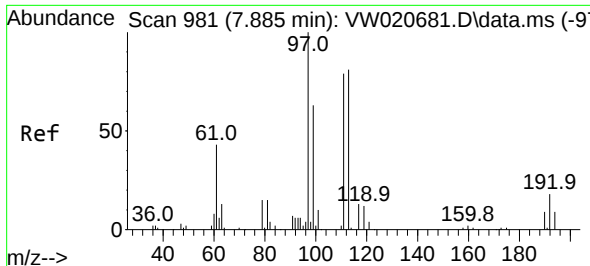
MMDadoda
10/25/2021 11:56:10 AM



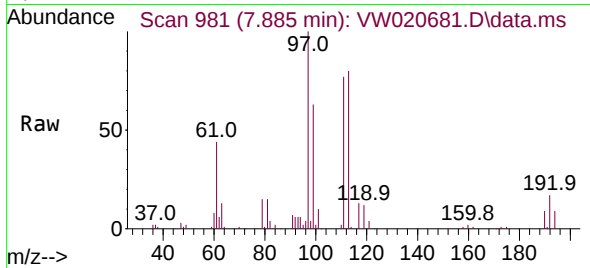
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 114 Resp: 151756
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 16.5 0.0 33.0

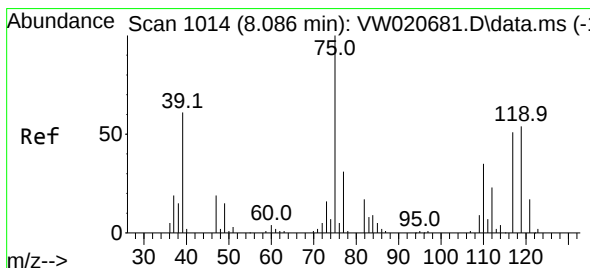
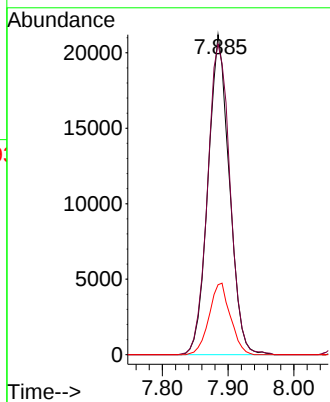
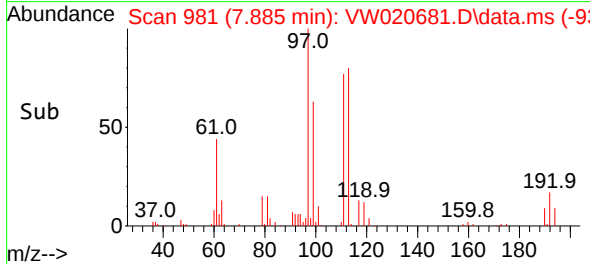




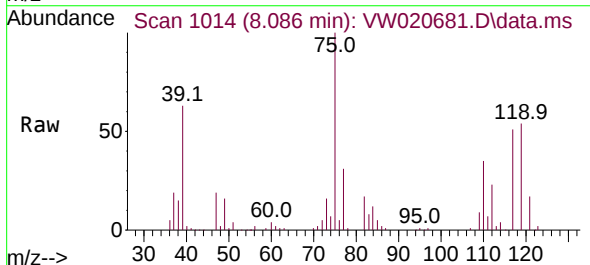
#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



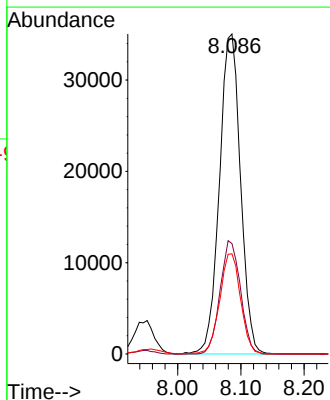
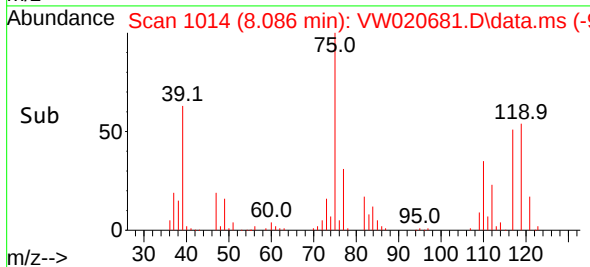
Tgt Ion: 113 Resp: 47769
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 22.3 17.8 26.8



#36
1,1-Dichloropropene
Concen: 51.061 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



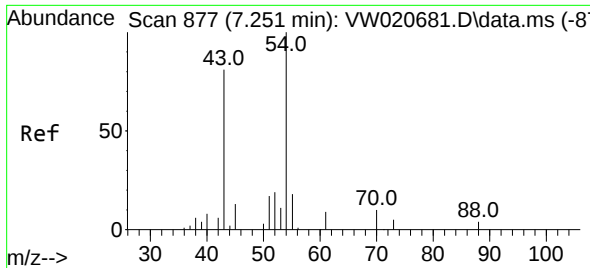
Tgt Ion: 75 Resp: 80936
Ion Ratio Lower Upper
75 100
110 34.2 17.1 51.3
77 31.1 24.9 37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



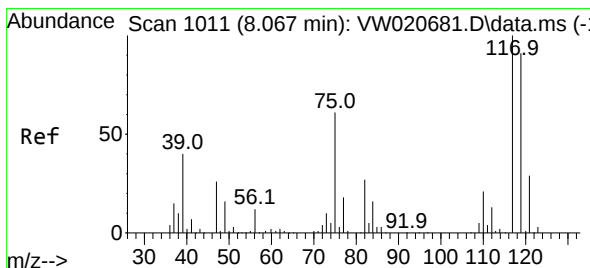
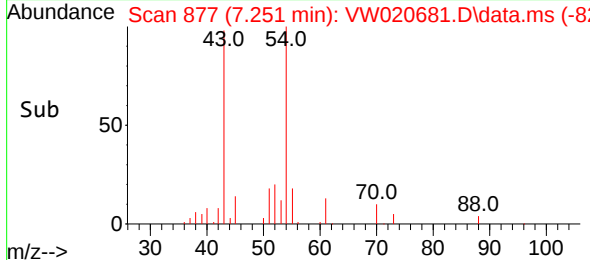
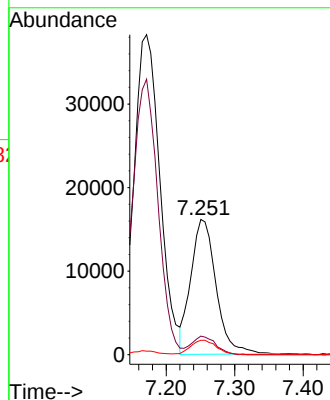
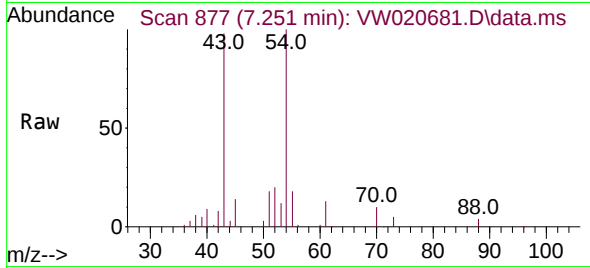
#37
Ethyl Acetate
Concen: 66.425 ug/l
RT: 7.251 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	43	Resp:	41387
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.3	15.5
70	11.0	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

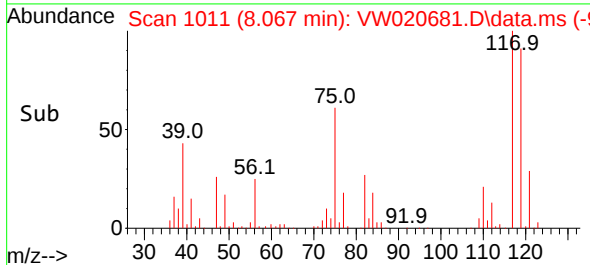
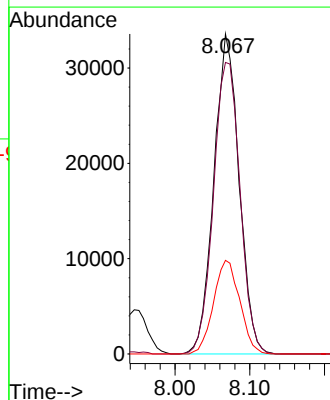
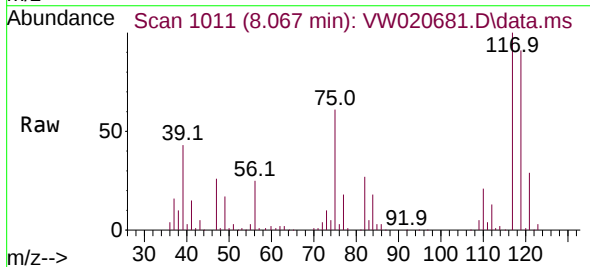
Manual Integrations
APPROVED

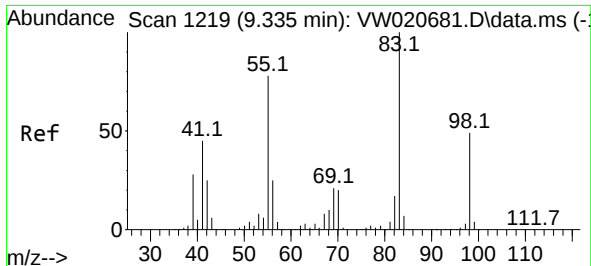
MMDadoda
10/25/2021 11:56:10 AM



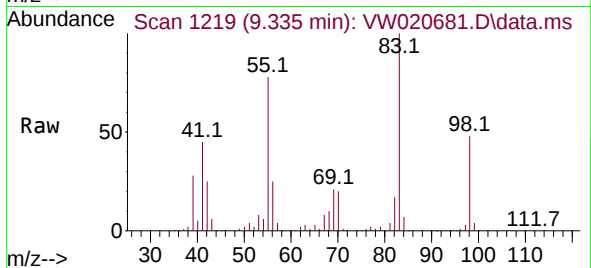
#38
Carbon Tetrachloride
Concen: 48.926 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	117	Resp:	78789
Ion Ratio	Lower	Upper	
117	100		
119	91.1	72.9	109.3
121	29.2	23.4	35.0

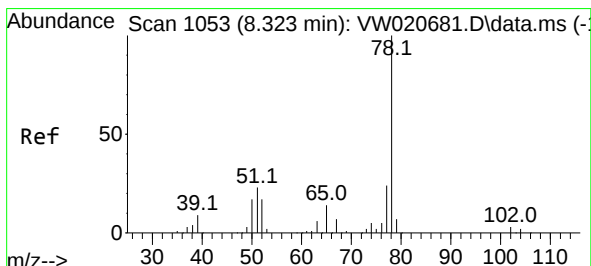
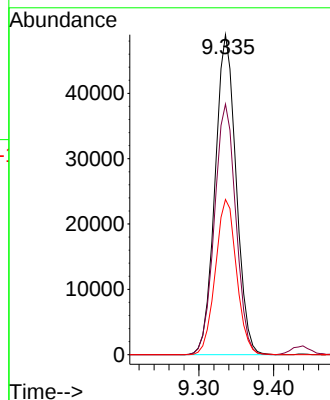
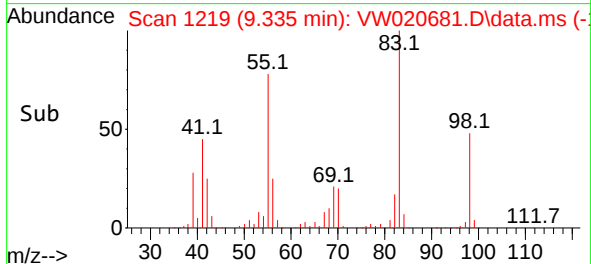




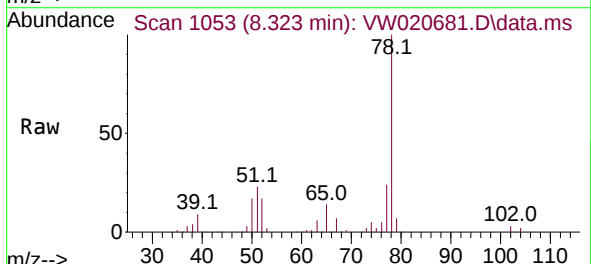
#39
Methylcyclohexane
Concen: 52.501 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



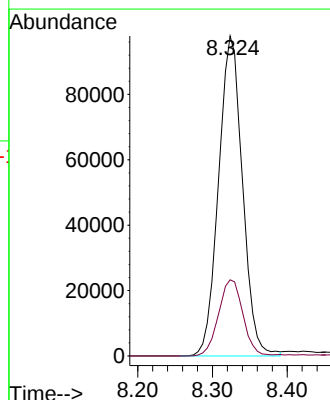
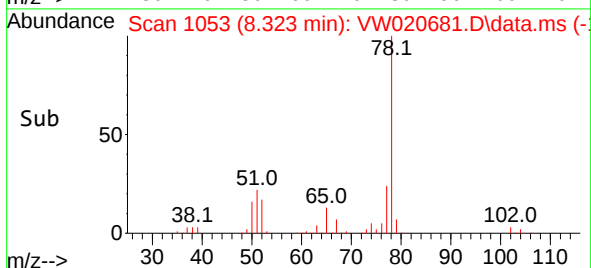
Tgt Ion: 83 Resp: 95949
Ion Ratio Lower Upper
83 100
55 78.3 62.6 94.0
98 48.5 38.8 58.2



#40
Benzene
Concen: 50.074 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



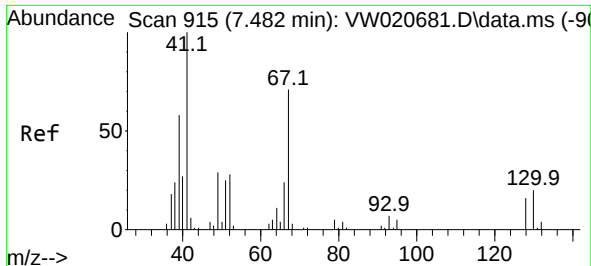
Tgt Ion: 78 Resp: 218092
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



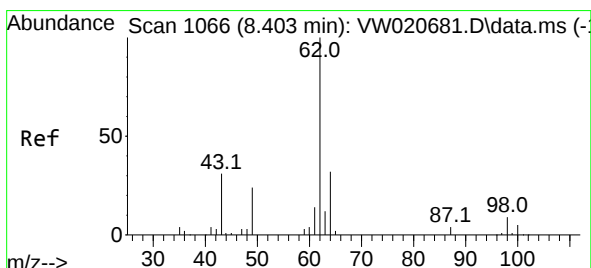
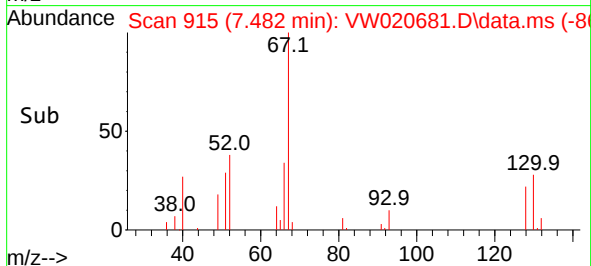
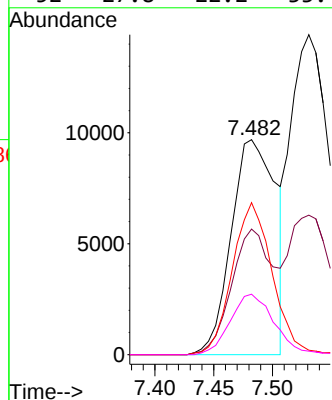
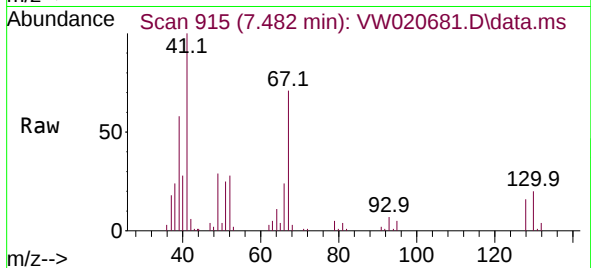
#41
Methacrylonitrile
Concen: 71.851 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.3	66.5
67	63.6	50.9	76.3
52	27.8	22.2	33.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

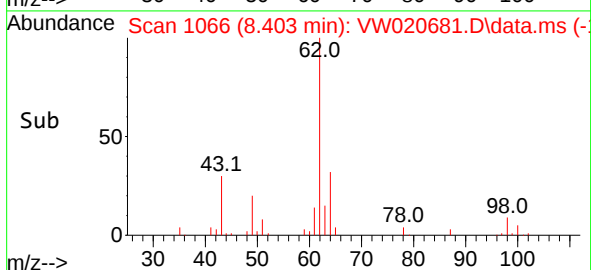
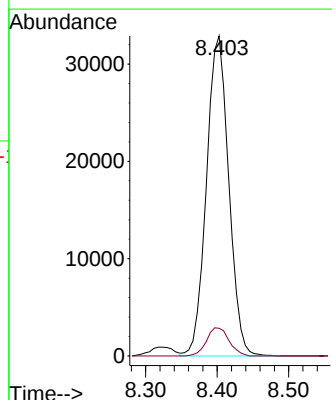
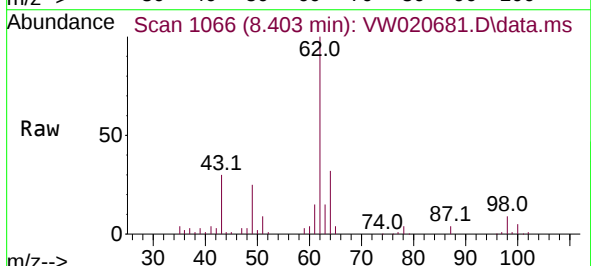
Manual Integrations
APPROVED

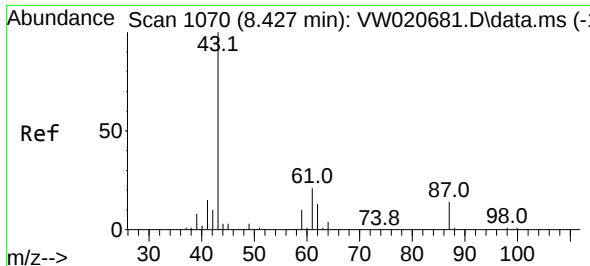
MMDadoda
10/25/2021 11:56:10 AM



#42
1,2-Dichloroethane
Concen: 52.571 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





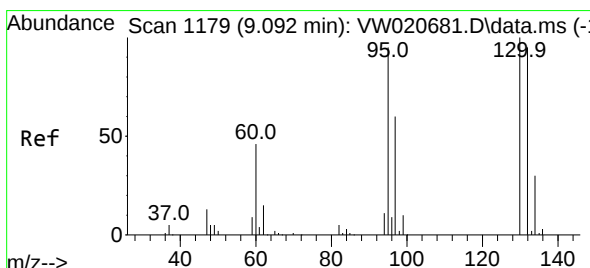
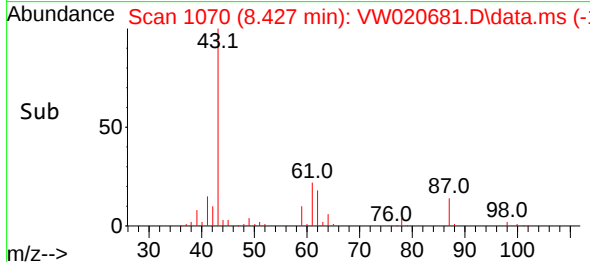
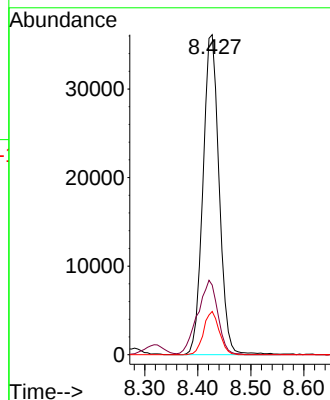
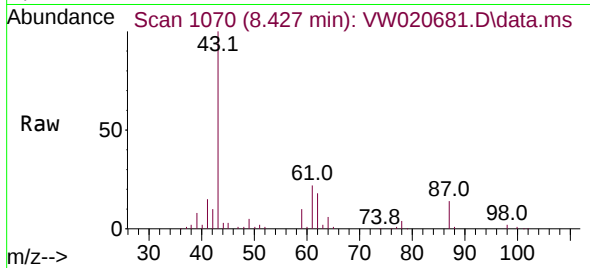
#43
Isopropyl Acetate
Concen: 65.269 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43	Resp: 76448
Ion Ratio	Lower Upper
43 100	
61 29.1	23.3 34.9
87 13.0	10.4 15.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

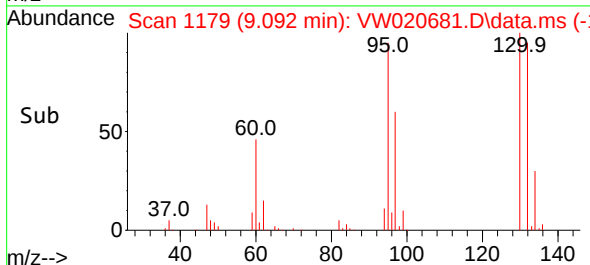
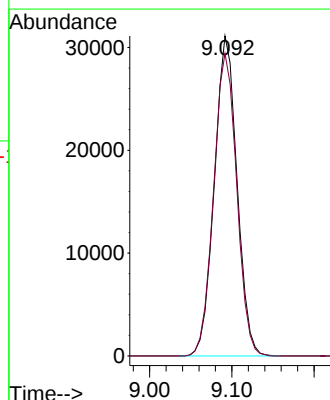
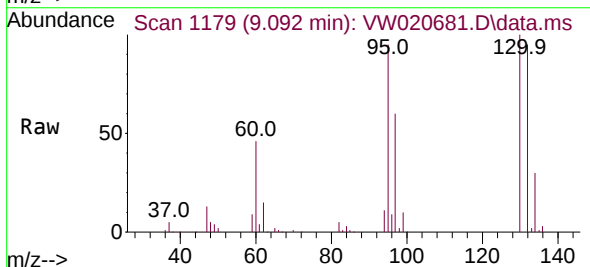
Manual Integrations
APPROVED

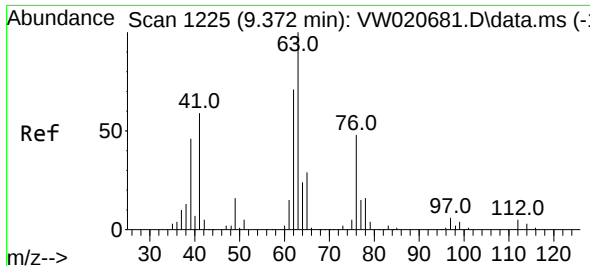
MMDadoda
10/25/2021 11:56:10 AM



#44
Trichloroethene
Concen: 51.685 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:130	Resp:	59490	
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	189.2





#45

1,2-Dichloropropane

Concen: 50.388 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020681.D

Acq: 22 Oct 2021 14:00

Tgt Ion: 63 Resp: 53362

Ion Ratio Lower Upper

63 100

65 29.6 23.7 35.5

Instrument :

MSVOA_W

ClientSampleId :

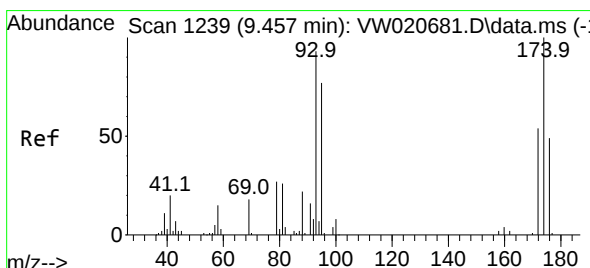
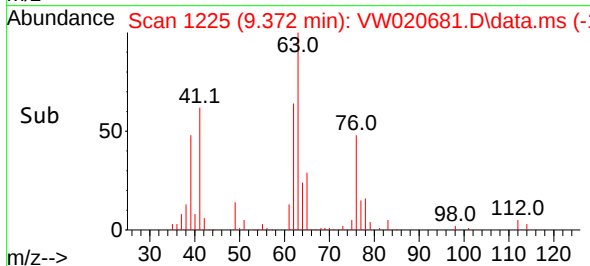
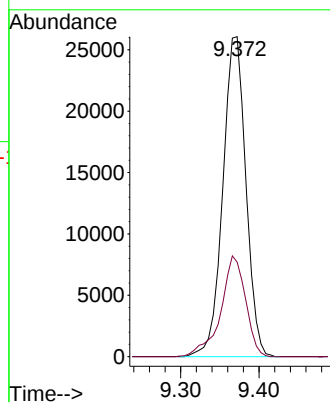
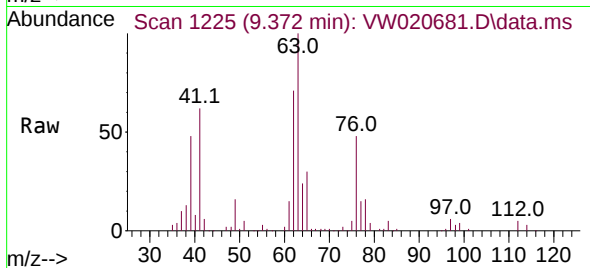
VSTDICCC050

Manual Integrations

APPROVED

MMDadoda

10/25/2021 11:56:10 AM



#46

Dibromomethane

Concen: 50.786 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020681.D

Acq: 22 Oct 2021 14:00

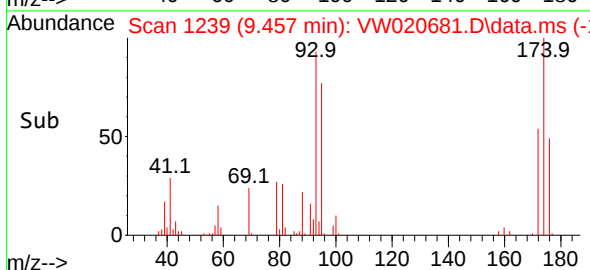
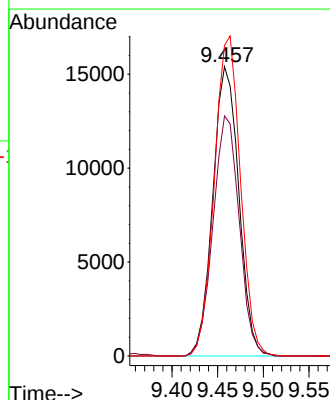
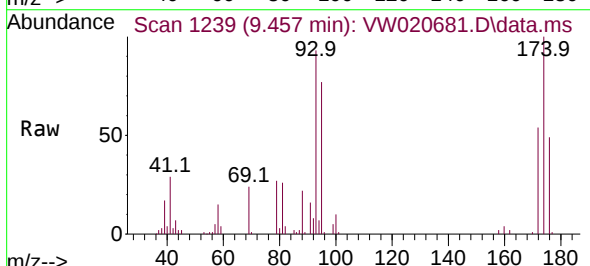
Tgt Ion: 93 Resp: 30485

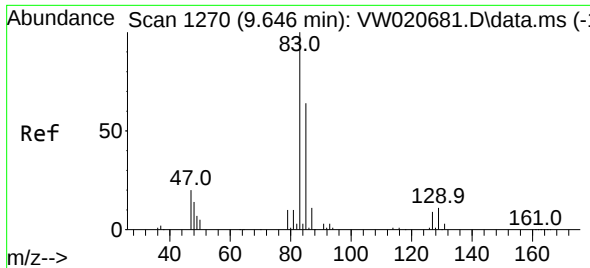
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 111.1 88.9 133.3





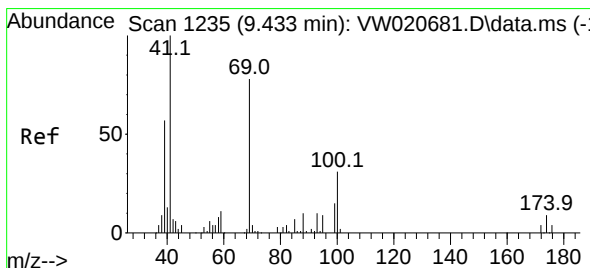
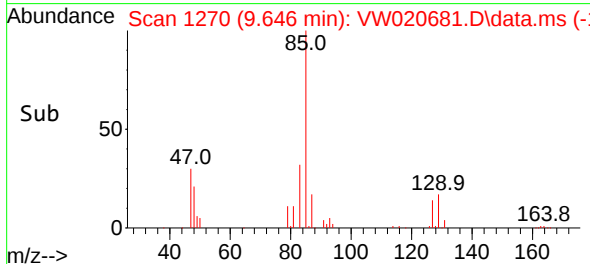
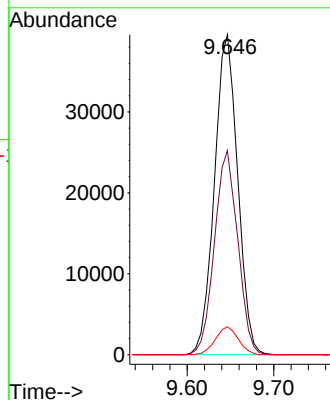
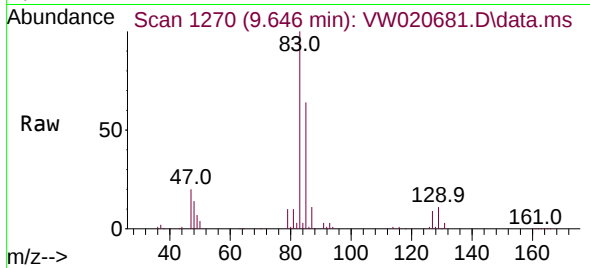
#47
Bromodichloromethane
Concen: 49.528 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	83	Resp:	73696
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6
127	8.7	7.0	10.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

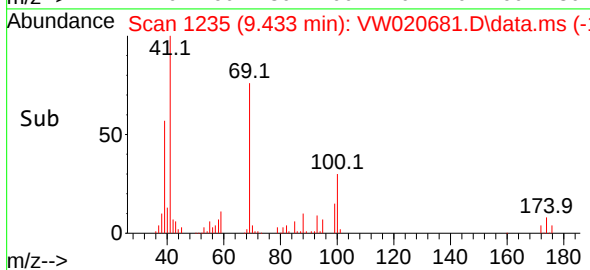
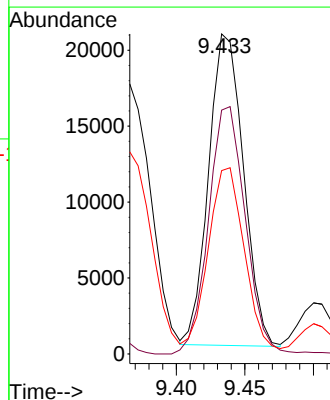
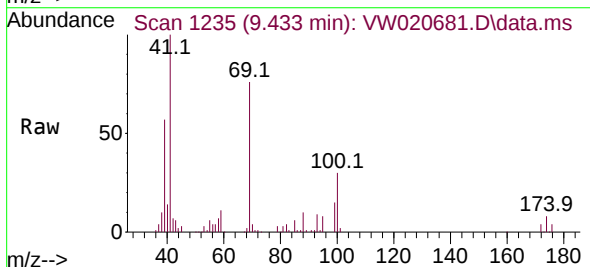
Manual Integrations
APPROVED

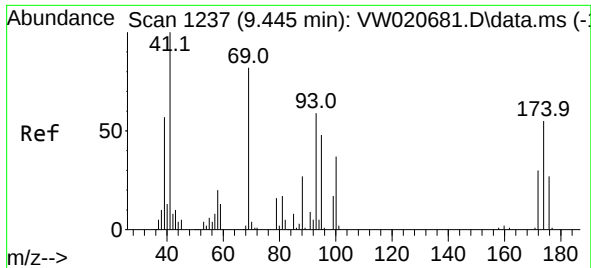
MMDadoda
10/25/2021 11:56:10 AM



#48
Methyl methacrylate
Concen: 69.638 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:	41	Resp:	36312
Ion Ratio	Lower	Upper	
41	100		
69	84.0	67.2	100.8
39	58.8	47.0	70.6





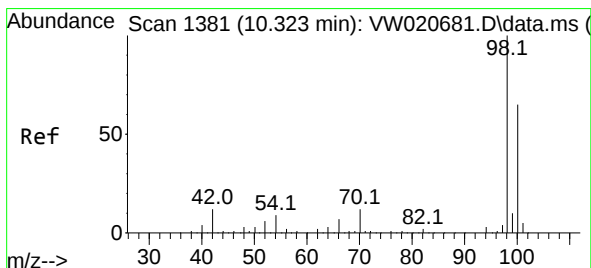
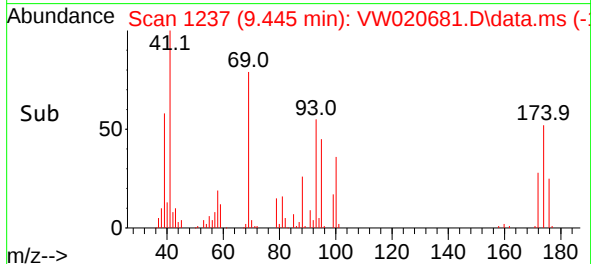
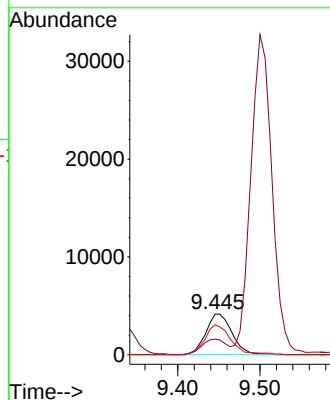
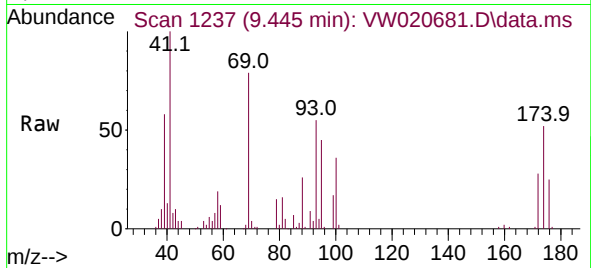
#49
1,4-Dioxane
Concen: 1189.955 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 88 Resp: 9161
Ion Ratio Lower Upper
88 100
43 36.0 28.8 43.2
58 74.5 59.6 89.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

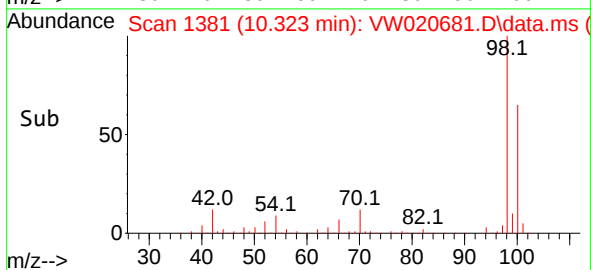
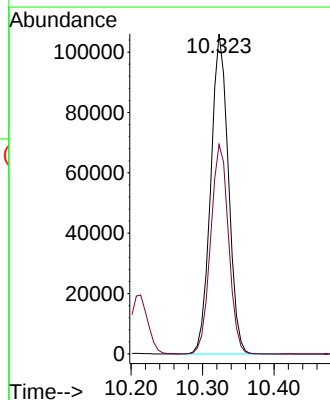
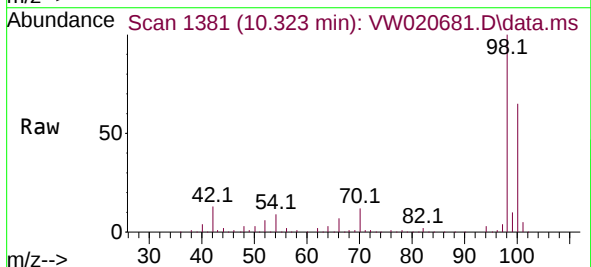
Manual Integrations
APPROVED

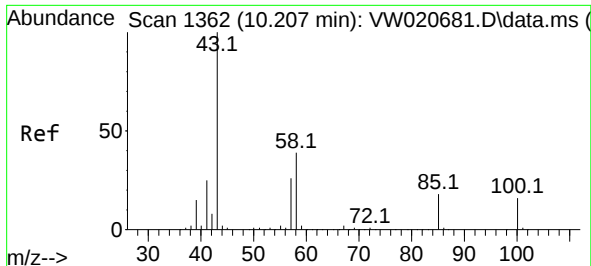
MMDadoda
10/25/2021 11:56:10 AM



#50
Toluene-d8
Concen: 48.990 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 98 Resp: 181288
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





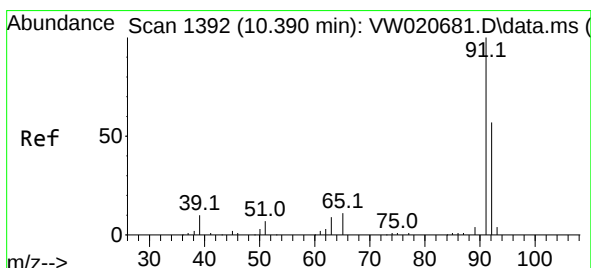
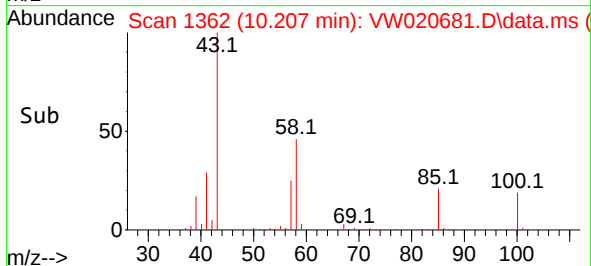
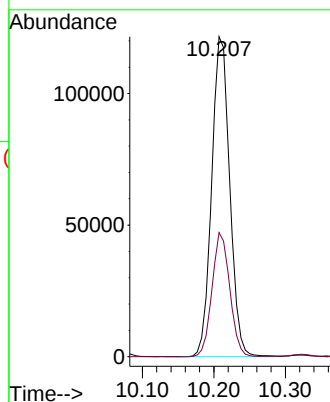
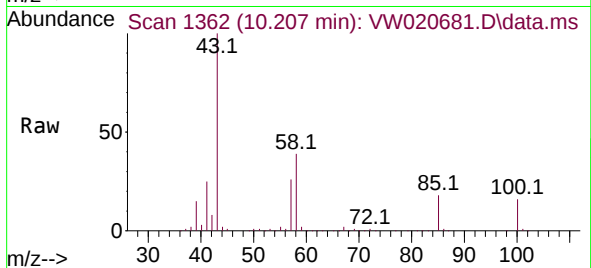
#51
4-Methyl-2-Pentanone
Concen: 345.476 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 212967
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

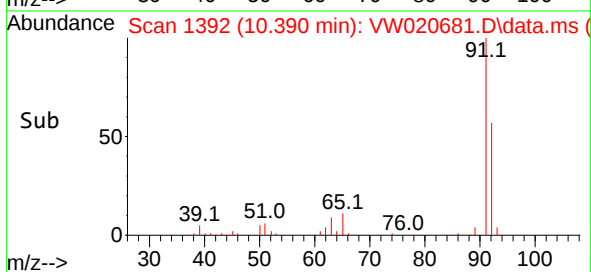
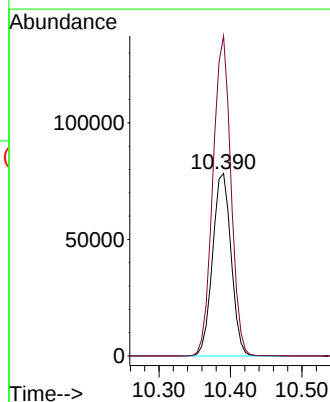
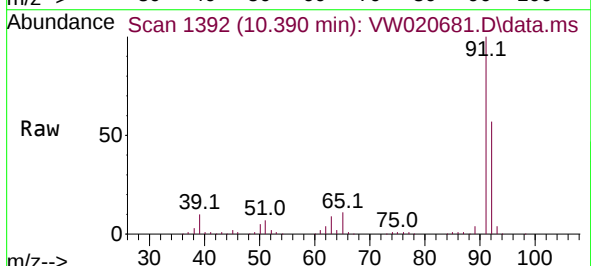
Manual Integrations
APPROVED

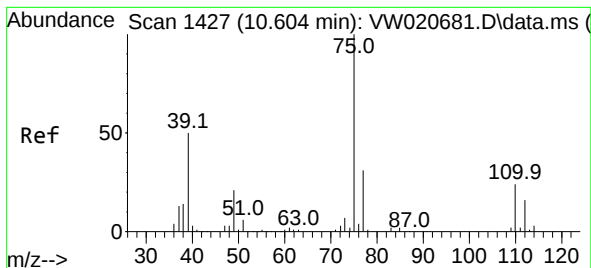
MMDadoda
10/25/2021 11:56:10 AM



#52
Toluene
Concen: 51.005 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 92 Resp: 140718
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8





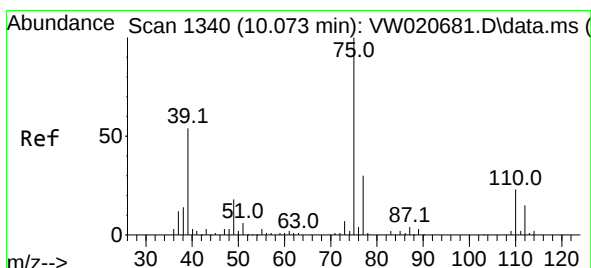
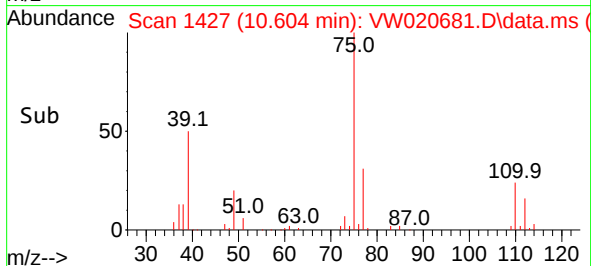
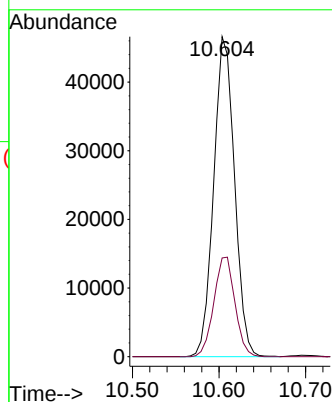
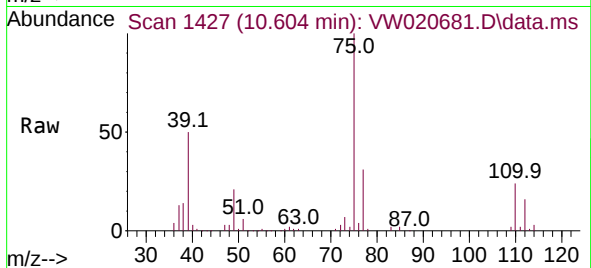
#53
t-1,3-Dichloropropene
Concen: 53.929 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 75 Resp: 77965
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

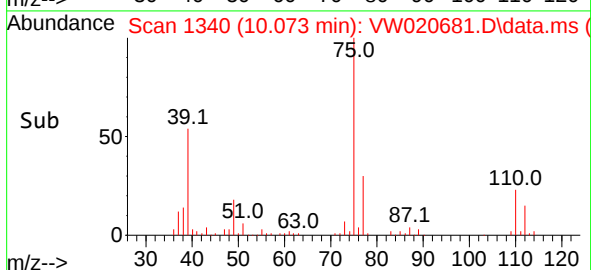
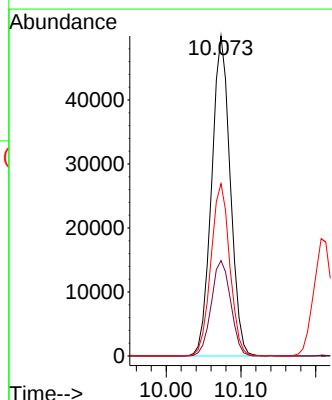
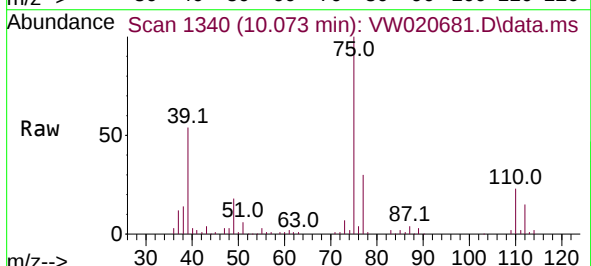
Manual Integrations
APPROVED

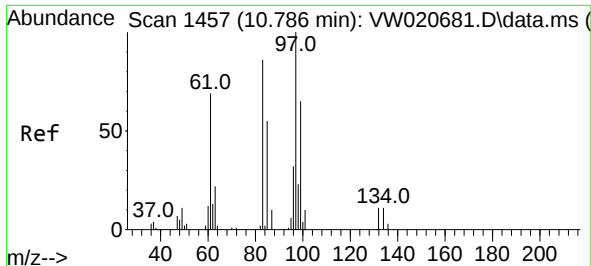
MMDadoda
10/25/2021 11:56:10 AM



#54
cis-1,3-Dichloropropene
Concen: 52.017 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

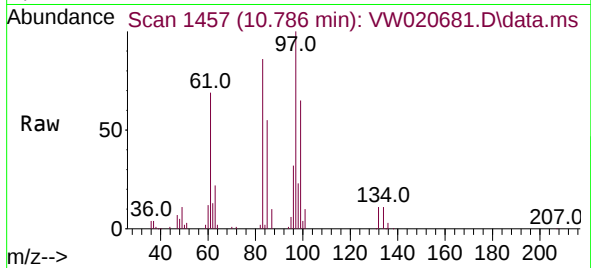
Tgt Ion: 75 Resp: 86774
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.8
39 53.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.822 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

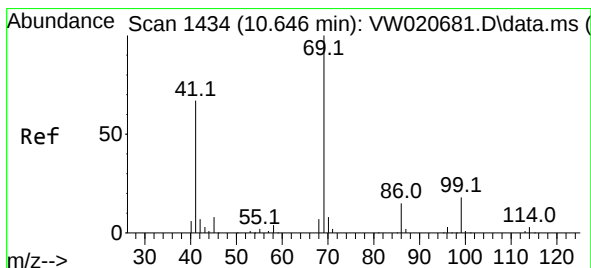
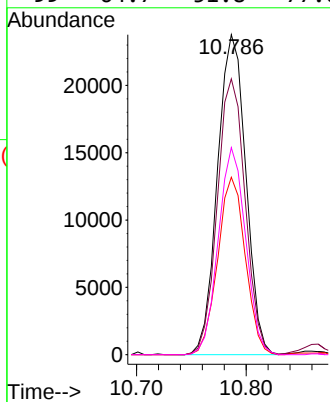
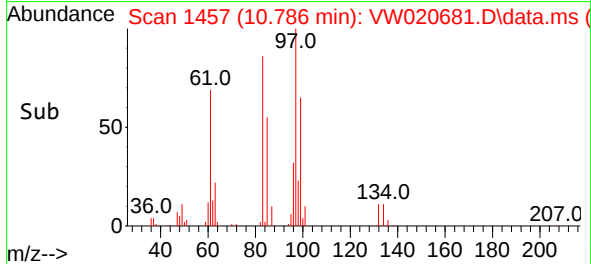
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



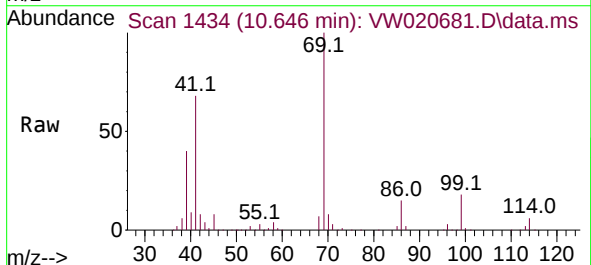
Tgt Ion:	97	Resp:	42649
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	55.4	44.3	66.5
99	64.7	51.8	77.6

Manual Integrations
APPROVED

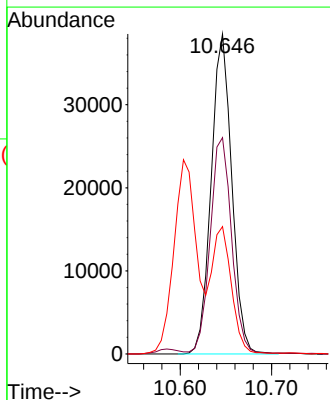
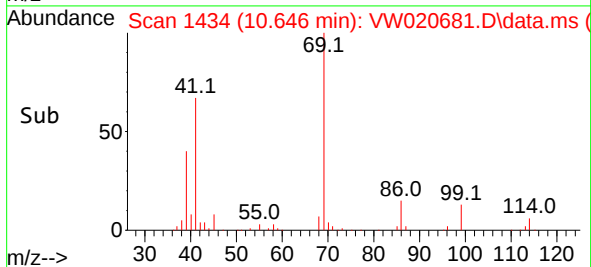
MMDadoda
10/25/2021 11:56:10 AM

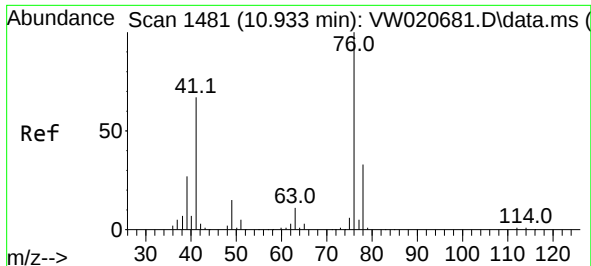


#56
Ethyl methacrylate
Concen: 63.823 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion:	69	Resp:	60240
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	37.0	29.6	44.4





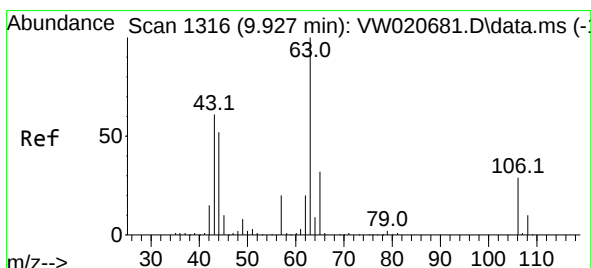
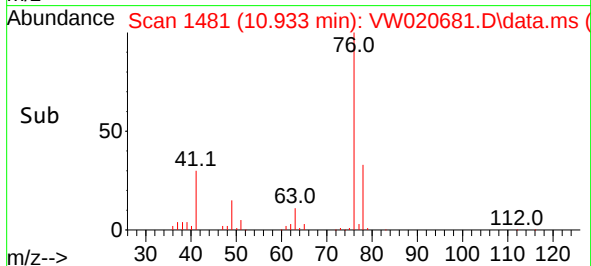
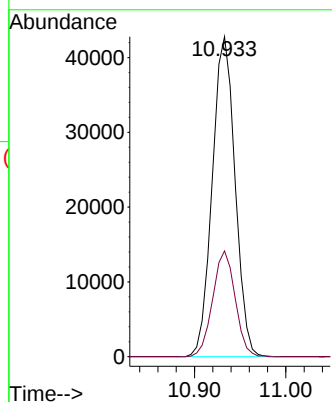
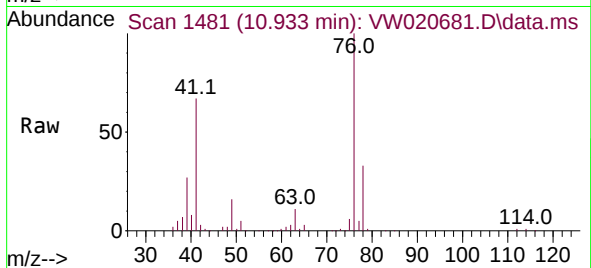
#57
1,3-Dichloropropane
Concen: 52.721 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 76 Resp: 74078
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

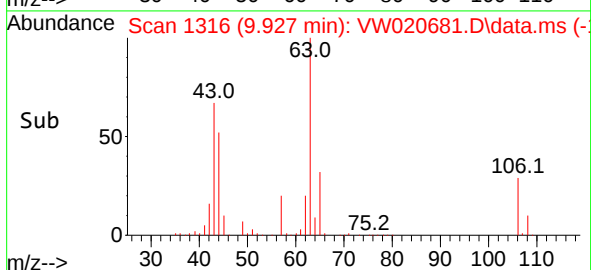
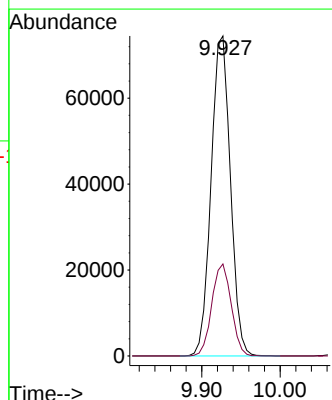
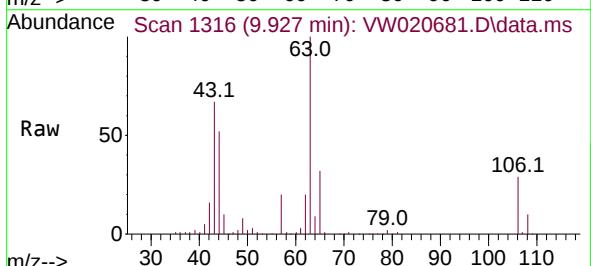
Manual Integrations
APPROVED

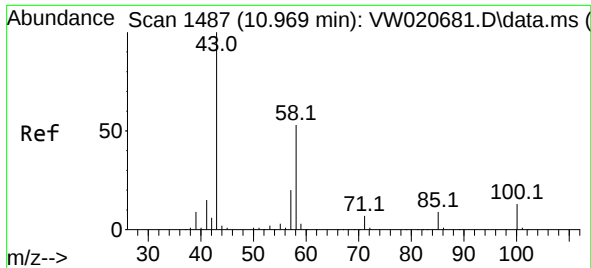
MMDadoda
10/25/2021 11:56:10 AM



#58
2-Chloroethyl Vinyl ether
Concen: 296.152 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 63 Resp: 127605
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





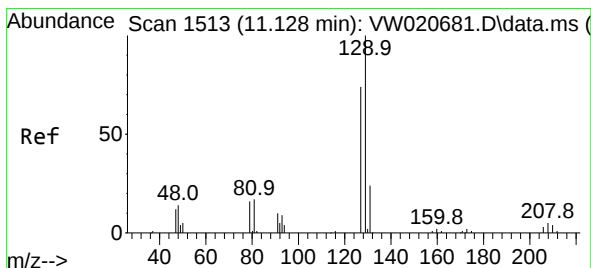
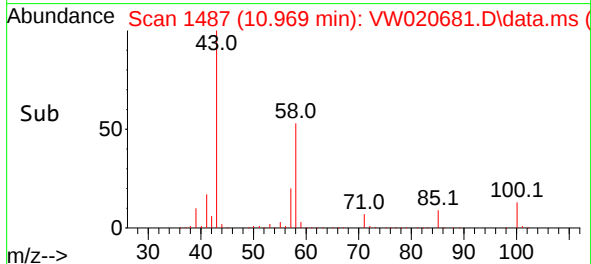
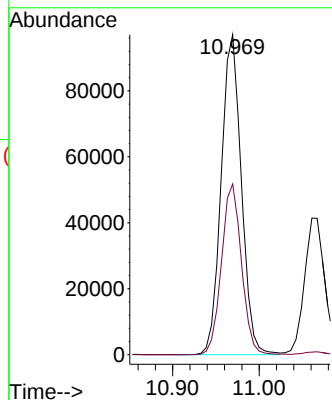
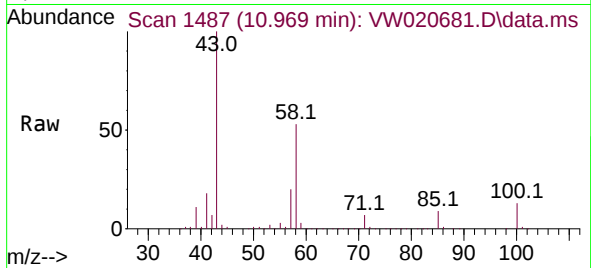
#59
2-Hexanone
Concen: 374.423 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 156950
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

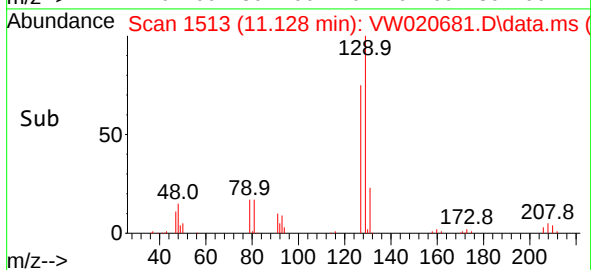
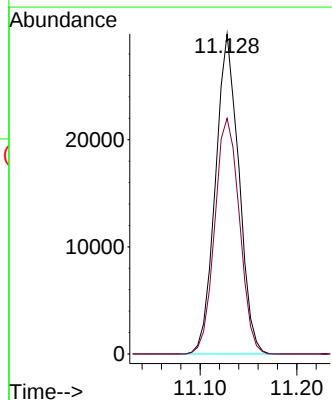
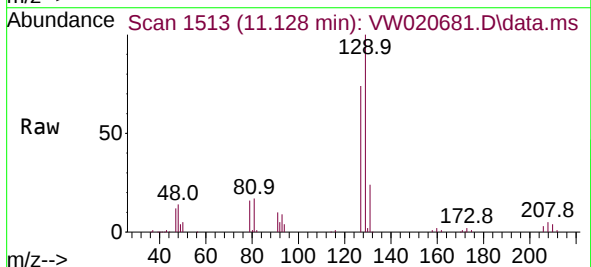
Manual Integrations
APPROVED

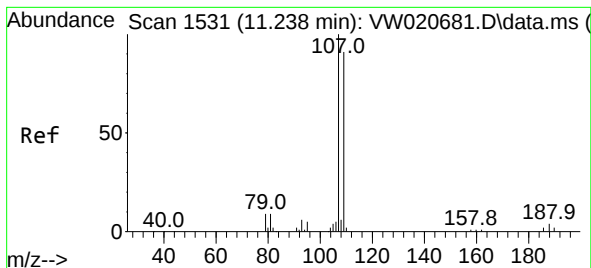
MMDadoda
10/25/2021 11:56:10 AM



#60
Dibromochloromethane
Concen: 52.871 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

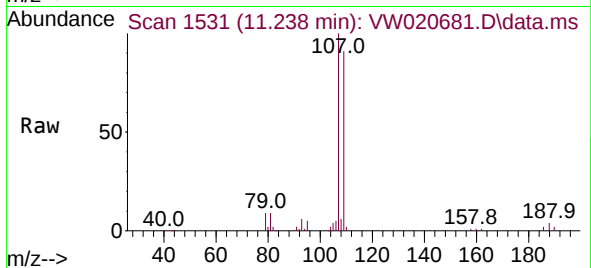
Tgt Ion: 129 Resp: 50161
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 54.042 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

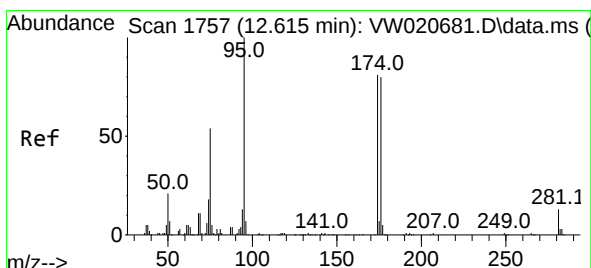
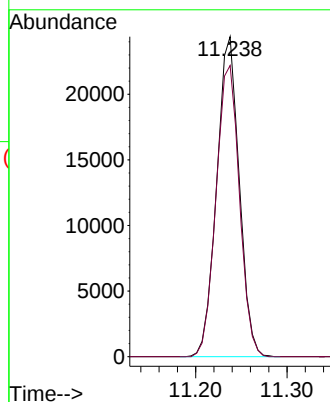
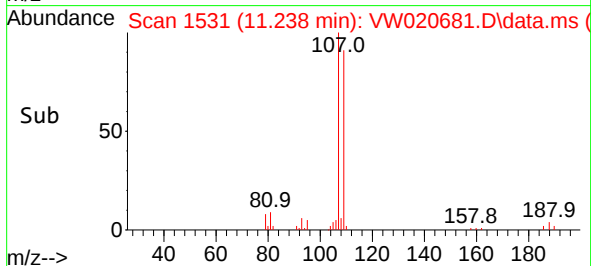
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



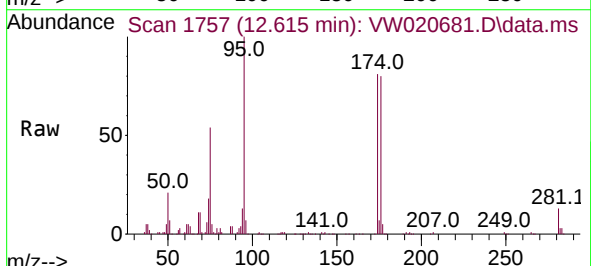
Tgt Ion:107 Resp: 41822
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

Manual Integrations
APPROVED

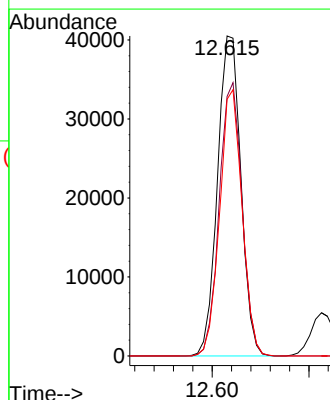
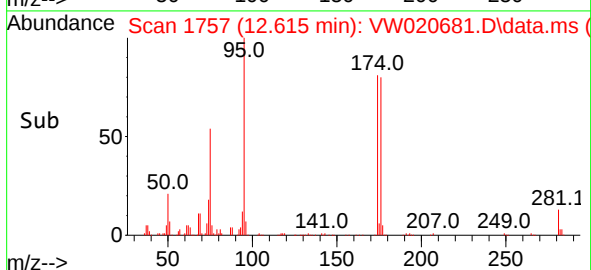
MMDadoda
10/25/2021 11:56:10 AM

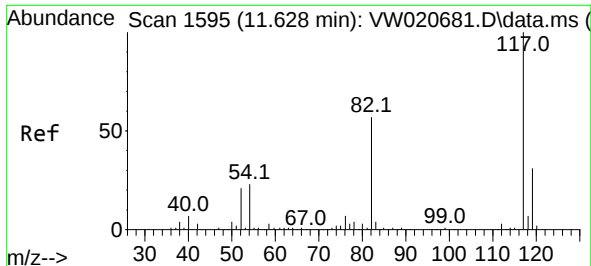


#62
4-Bromofluorobenzene
Concen: 49.885 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion: 95 Resp: 67867
Ion Ratio Lower Upper
95 100
174 83.2 0.0 166.4
176 79.9 0.0 159.8





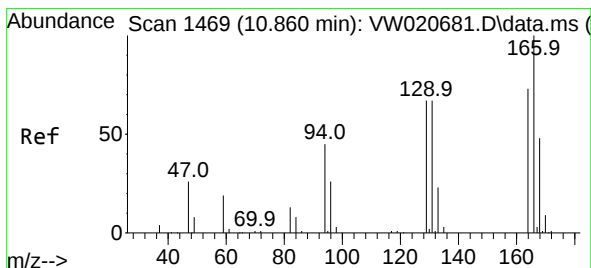
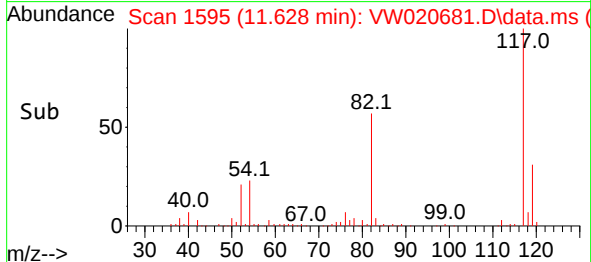
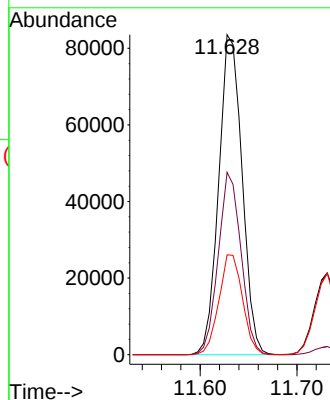
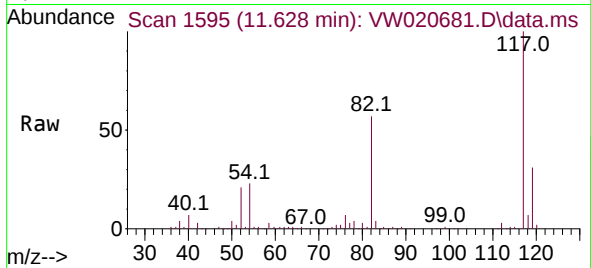
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 139952
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 31.2 25.0 37.4

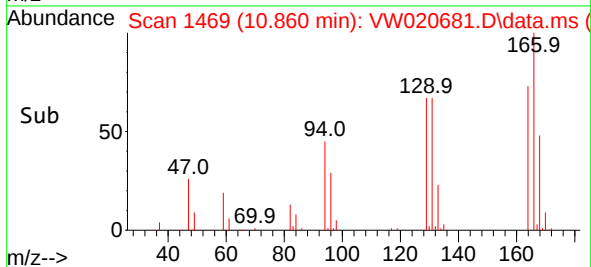
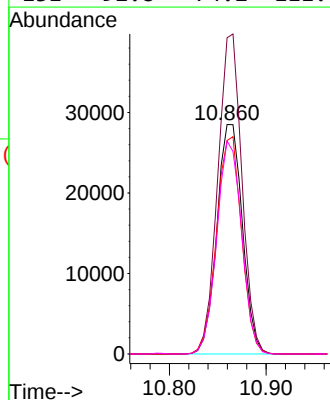
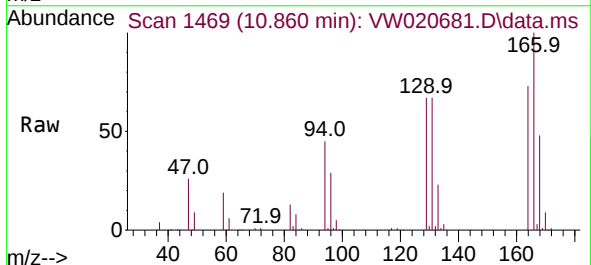
Manual Integrations
APPROVED

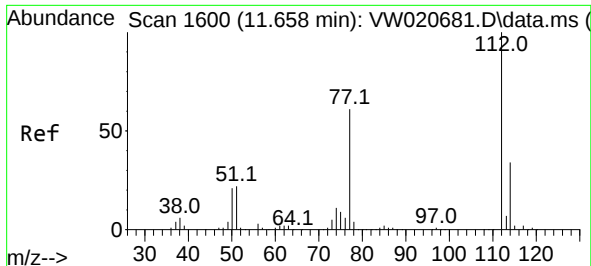
MMDadoda
10/25/2021 11:56:10 AM



#64
Tetrachloroethene
Concen: 53.182 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:164 Resp: 52097
Ion Ratio Lower Upper
164 100
166 137.8 110.2 165.4
129 93.0 74.4 111.6
131 92.8 74.2 111.4





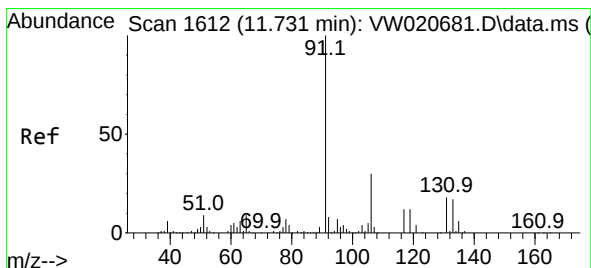
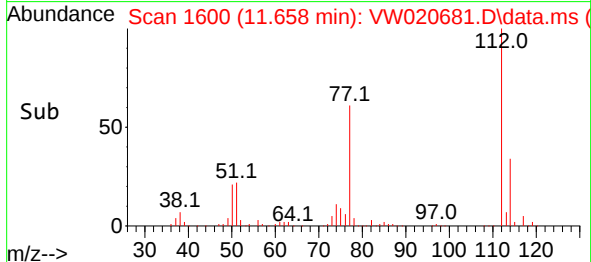
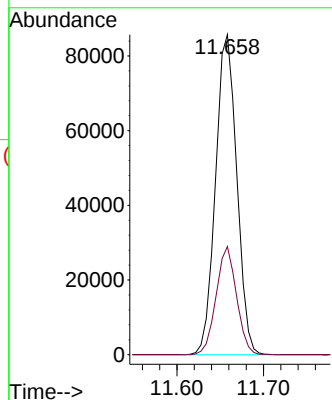
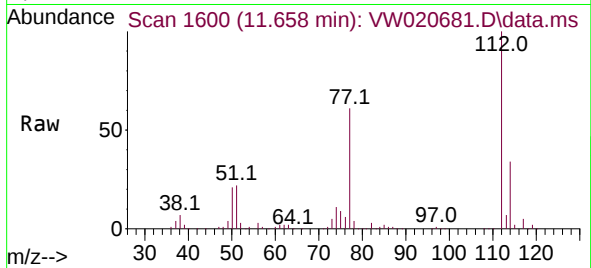
#65
Chlorobenzene
Concen: 49.018 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:112 Resp: 145831
Ion Ratio Lower Upper
112 100
114 33.8 27.0 40.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

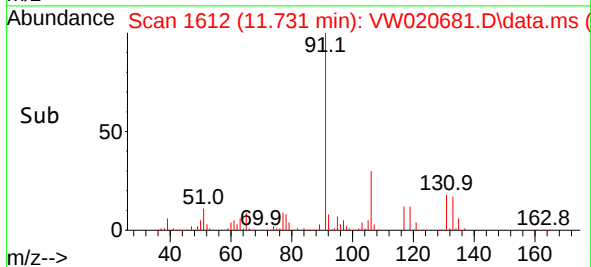
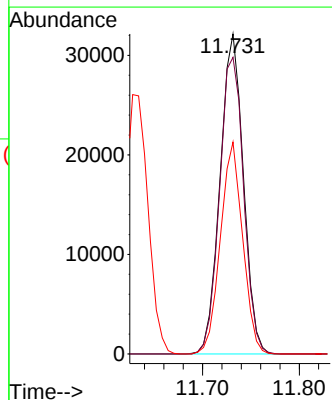
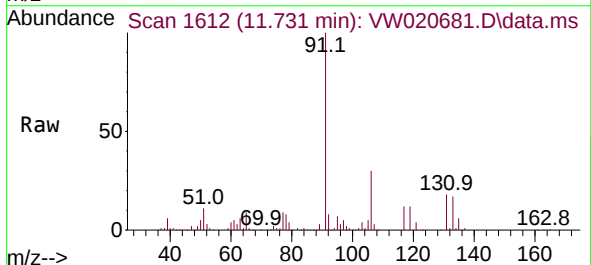
Manual Integrations
APPROVED

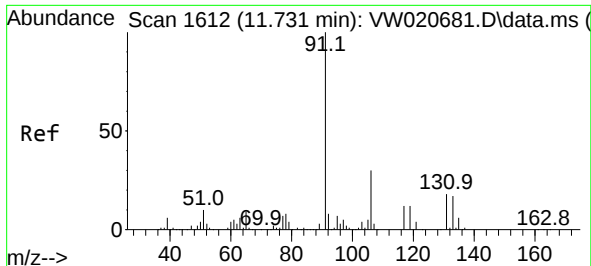
MMDadoda
10/25/2021 11:56:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.570 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

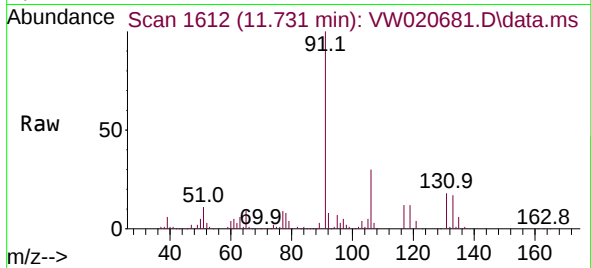
Tgt Ion:131 Resp: 53713
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 52.083 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

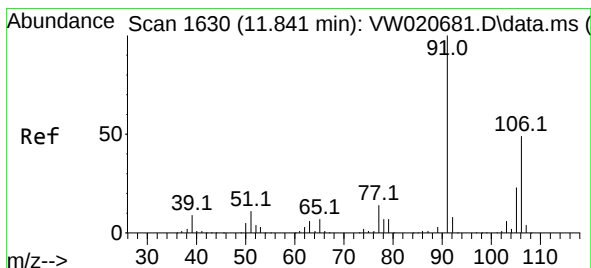
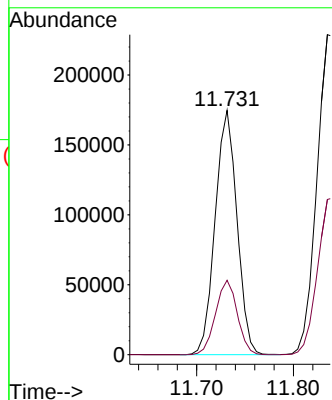
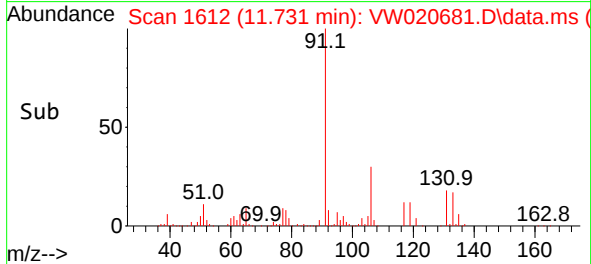
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



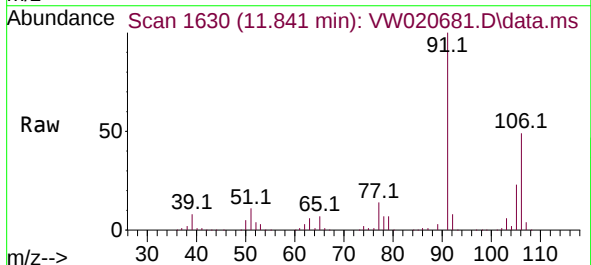
Tgt Ion: 91 Resp: 273603
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

Manual Integrations
APPROVED

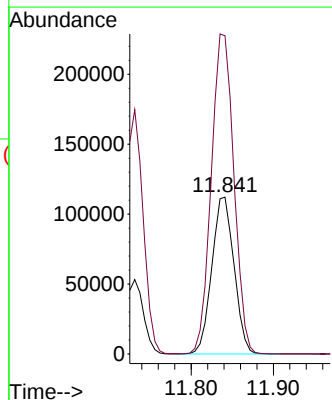
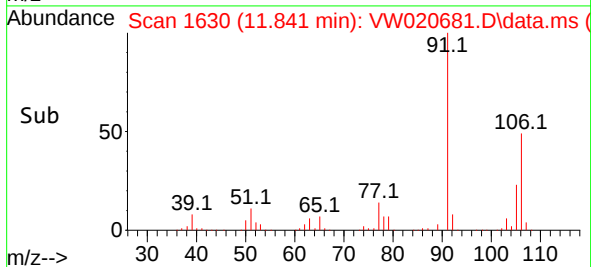
MMDadoda
10/25/2021 11:56:10 AM

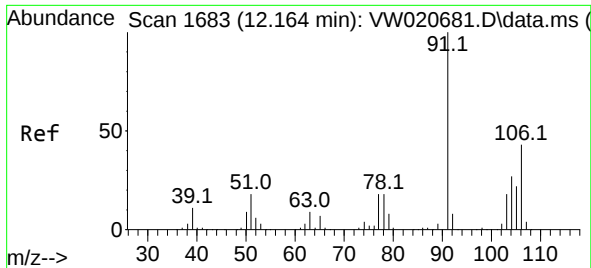


#68
m/p-Xylenes
Concen: 102.356 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion:106 Resp: 210569
Ion Ratio Lower Upper
106 100
91 208.0 166.4 249.6





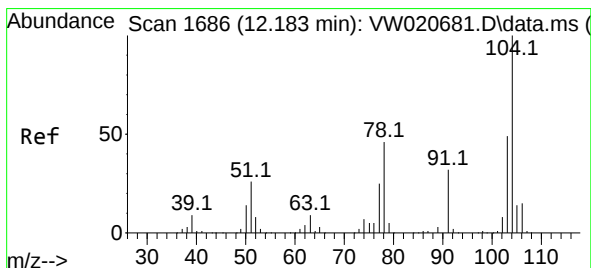
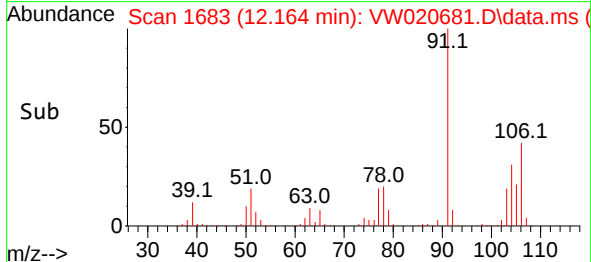
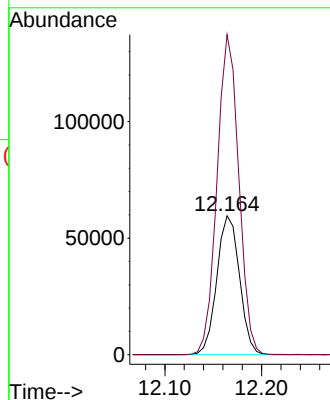
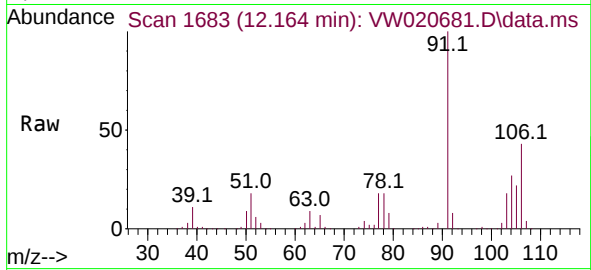
#69
o-Xylene
Concen: 51.484 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:106 Resp: 96804
Ion Ratio Lower Upper
106 100
91 221.7 110.9 332.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

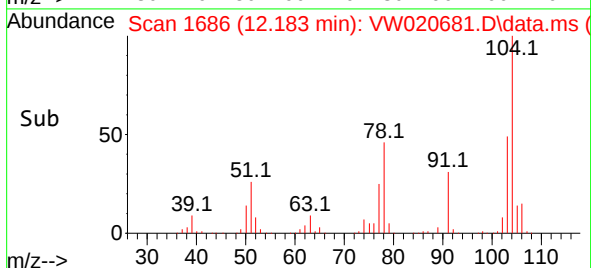
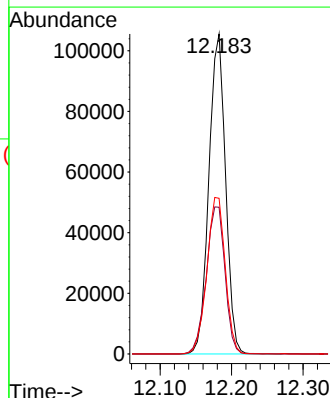
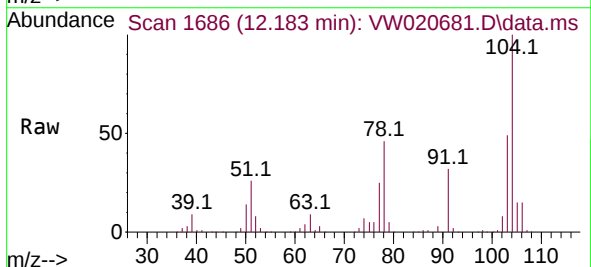
Manual Integrations
APPROVED

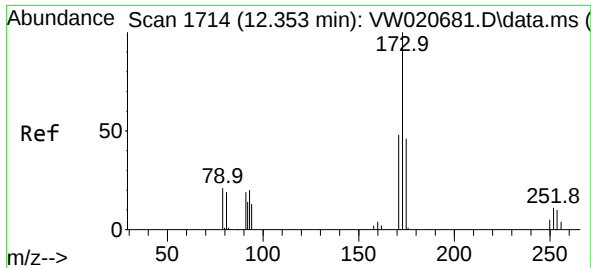
MMDadoda
10/25/2021 11:56:10 AM



#70
Styrene
Concen: 53.322 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:104 Resp: 170645
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.0
103 54.1 43.3 64.9





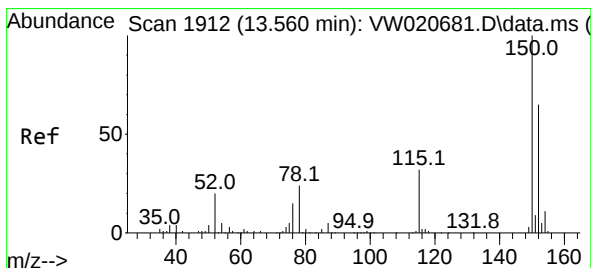
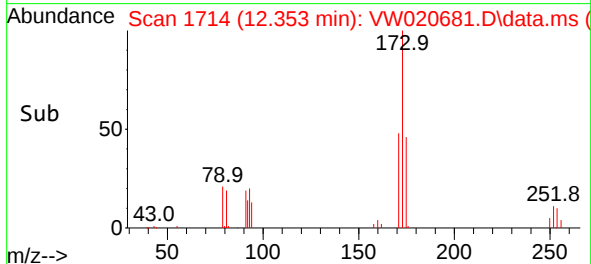
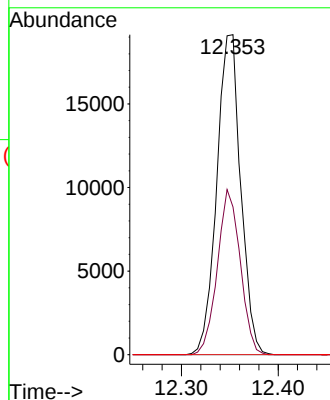
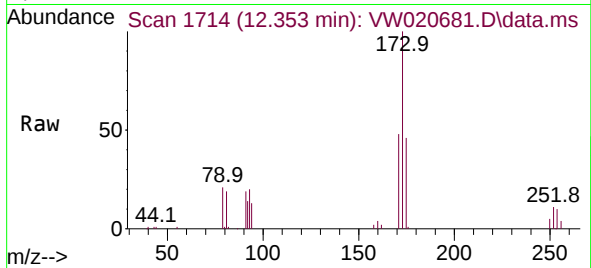
#71
Bromoform
Concen: 60.699 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:173 Resp: 32894
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

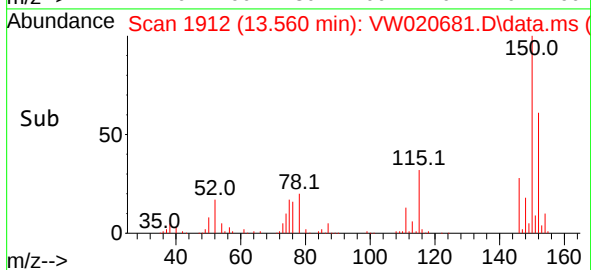
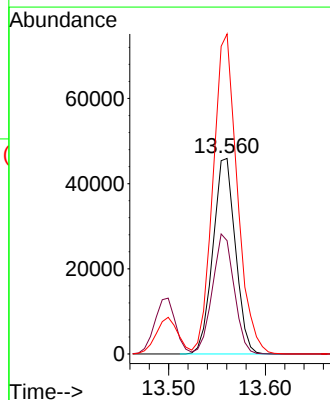
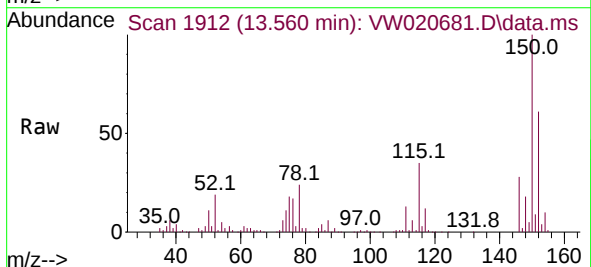
Manual Integrations
APPROVED

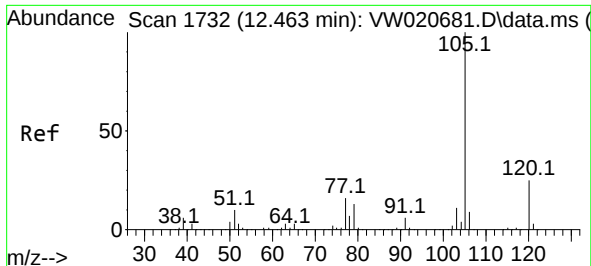
MMDadoda
10/25/2021 11:56:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:152 Resp: 73872
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.9
150 176.3 0.0 352.6





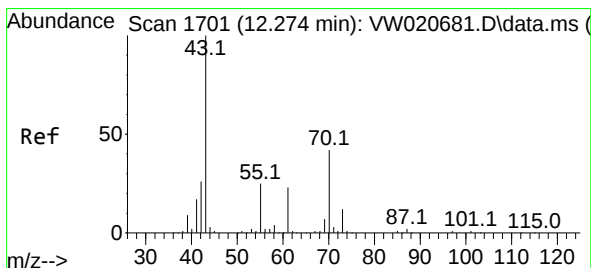
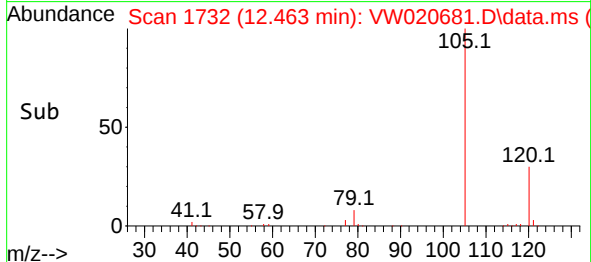
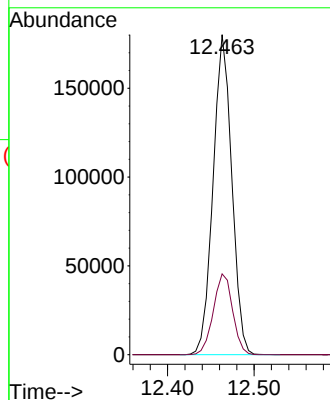
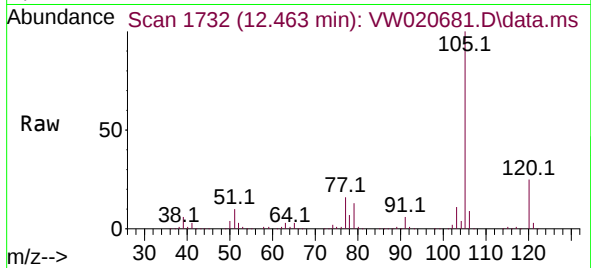
#73
Isopropylbenzene
Concen: 52.380 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 105 Resp: 270217
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

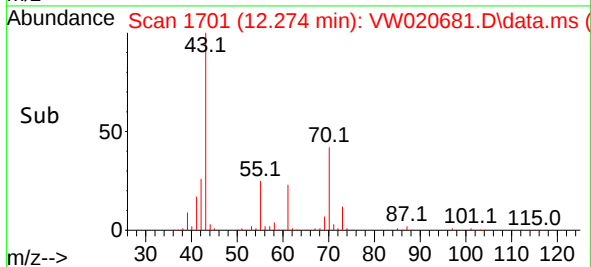
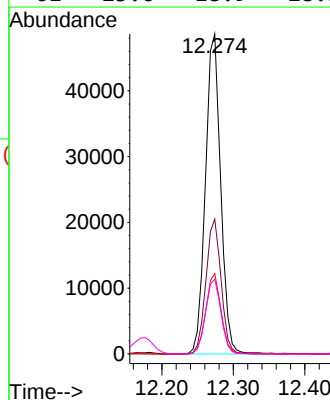
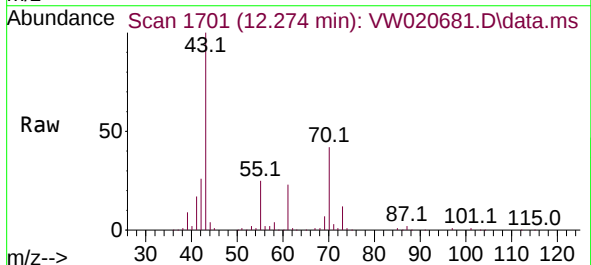
Manual Integrations
APPROVED

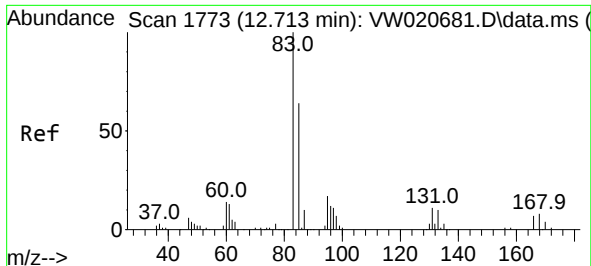
MMDadoda
10/25/2021 11:56:10 AM



#74
N-ethyl acetate
Concen: 64.781 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 43 Resp: 72138
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.2
55 25.1 20.1 30.1
61 23.6 18.9 28.3





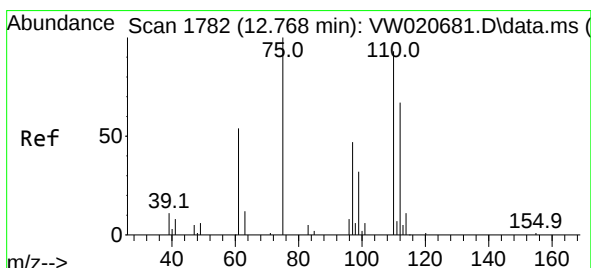
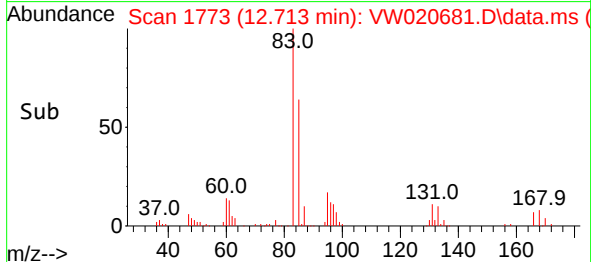
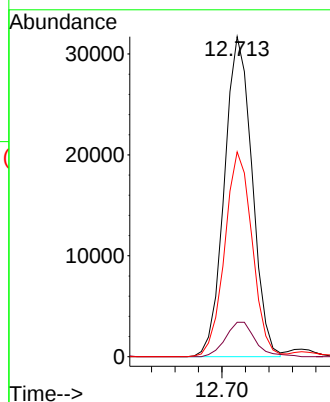
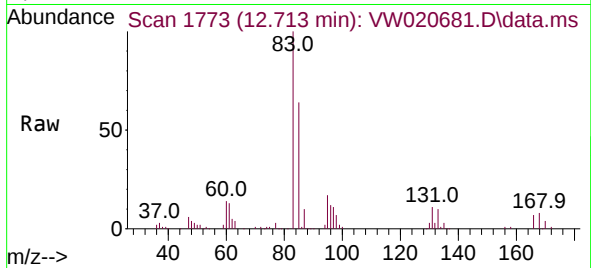
#75
1,1,2,2-Tetrachloroethane
Concen: 53.644 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 83 Resp: 52017
Ion Ratio Lower Upper
83 100
131 11.5 5.8 17.3
85 63.6 31.8 95.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

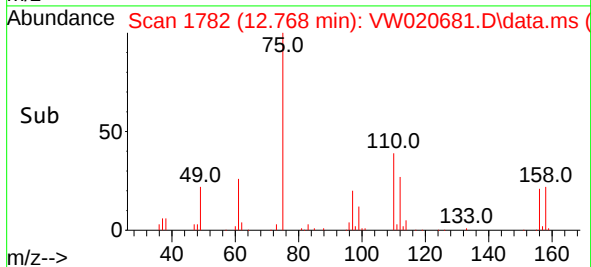
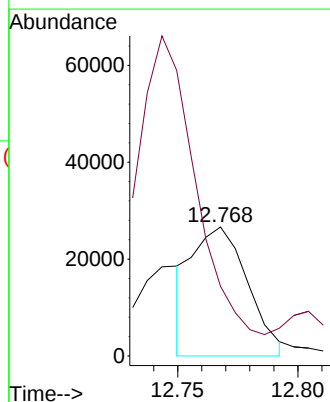
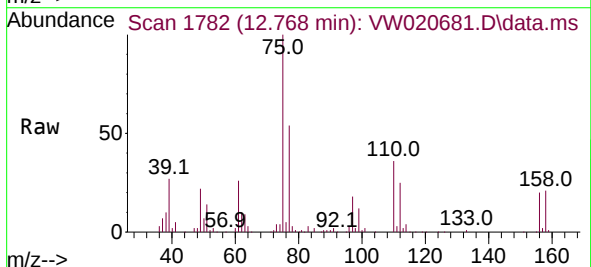
Manual Integrations
APPROVED

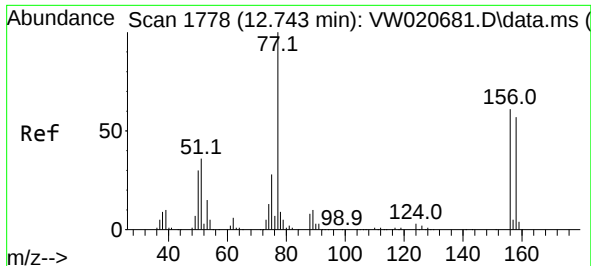
MMDadoda
10/25/2021 11:56:10 AM



#76
1,2,3-Trichloropropane
Concen: 60.059 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 75 Resp: 42833
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





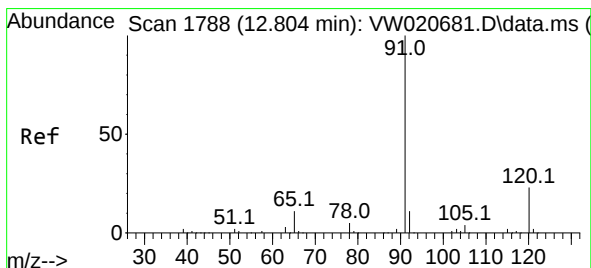
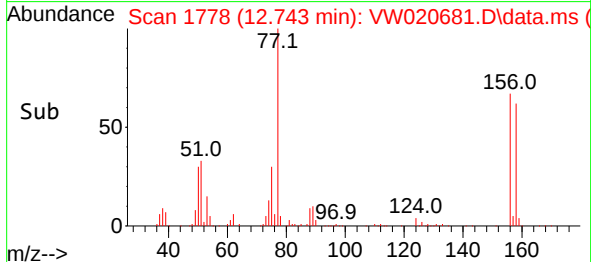
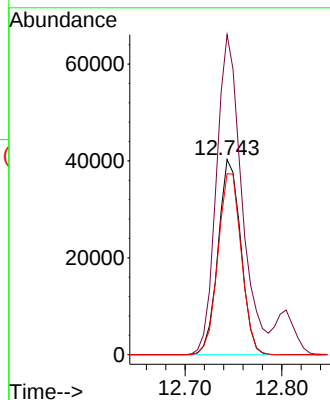
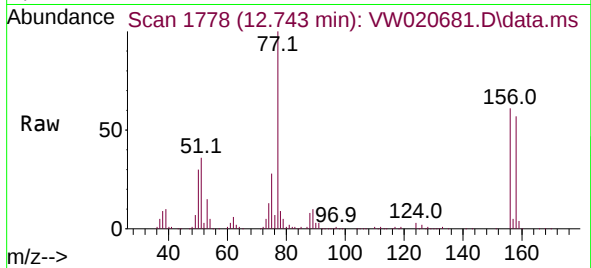
#77
Bromobenzene
Concen: 53.864 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 156 Resp: 65456
Ion Ratio Lower Upper
156 100
77 183.7 91.8 275.6
158 95.9 47.9 143.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

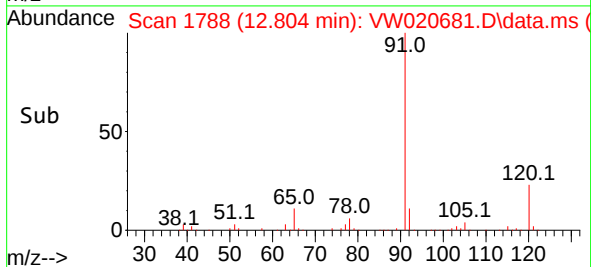
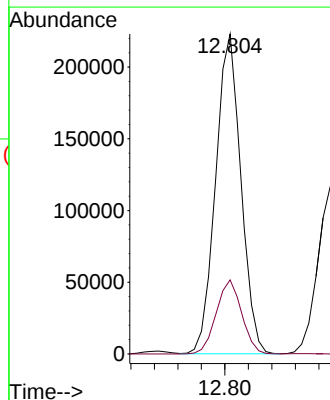
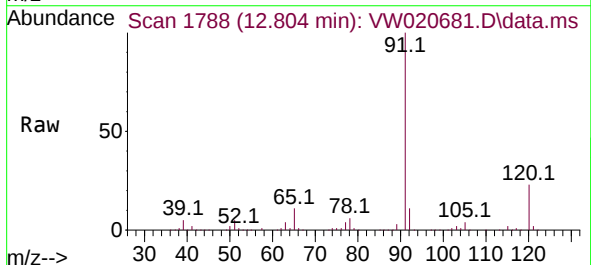
Manual Integrations
APPROVED

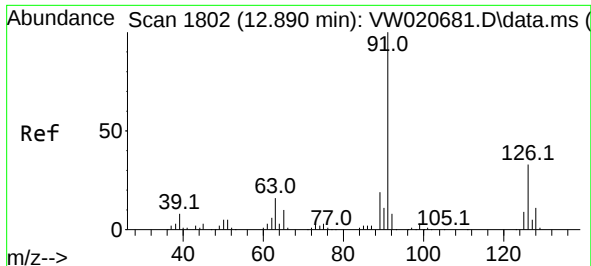
MMDadoda
10/25/2021 11:56:10 AM



#78
n-propylbenzene
Concen: 51.366 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 91 Resp: 332777
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





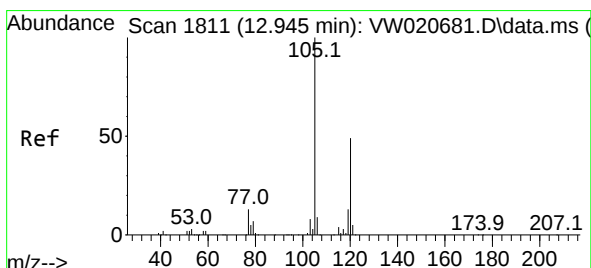
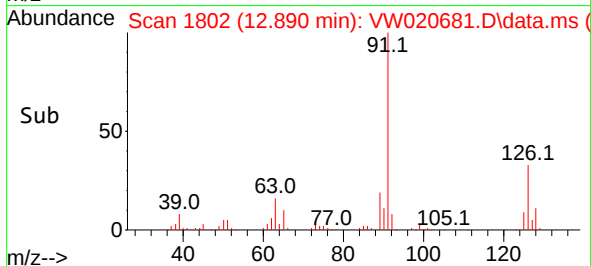
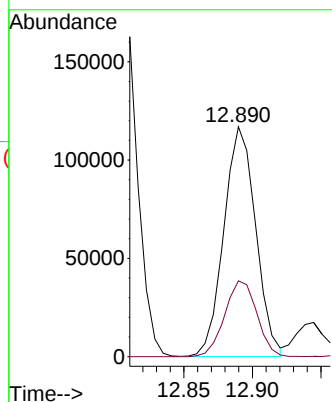
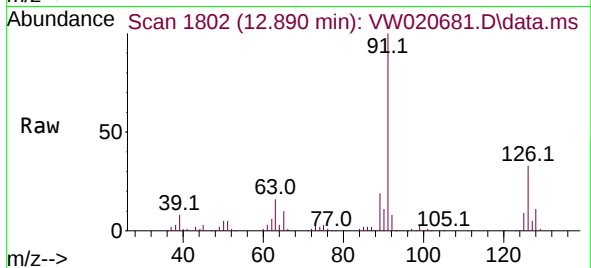
#79
2-Chlorotoluene
Concen: 50.040 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 189009
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

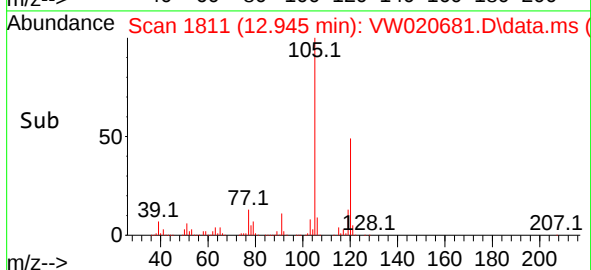
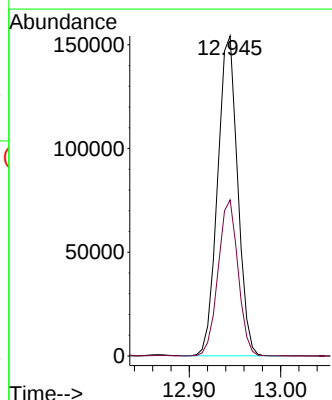
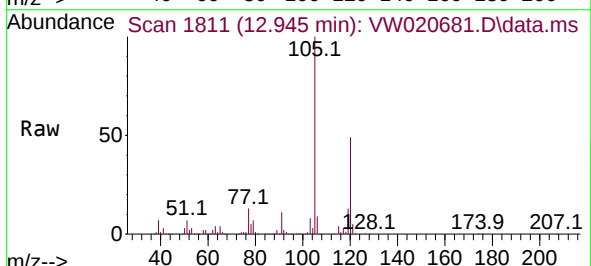
Manual Integrations
APPROVED

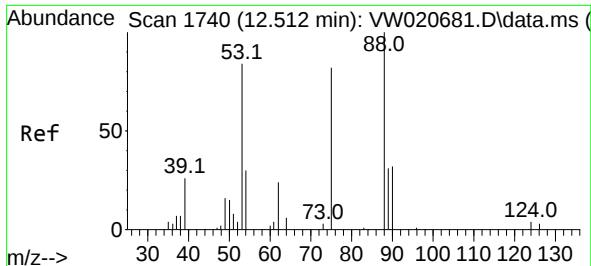
MMDadoda
10/25/2021 11:56:10 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.630 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 105 Resp: 234729
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





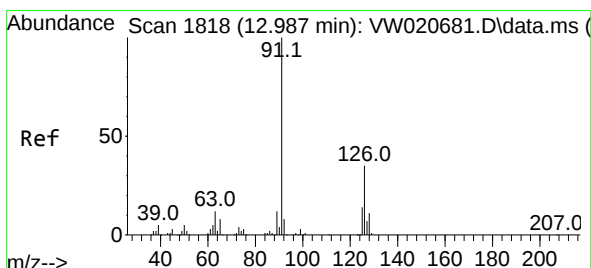
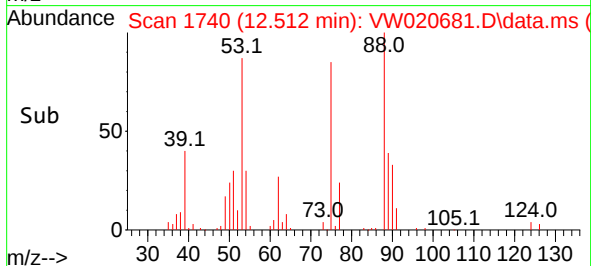
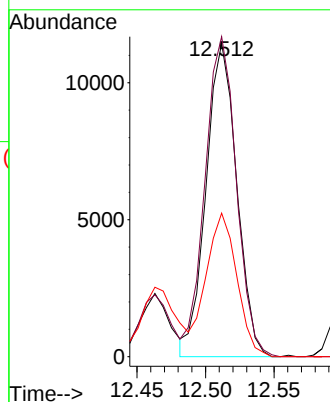
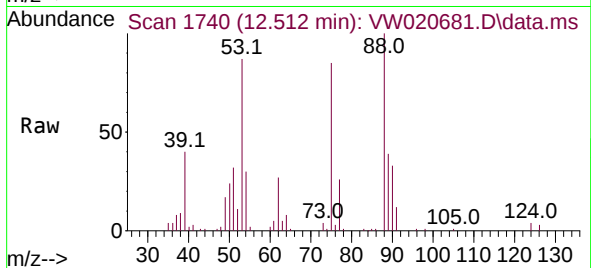
#81
trans-1,4-Dichloro-2-butene
Concen: 60.817 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 75 Resp: 17764
Ion Ratio Lower Upper
75 100
53 104.6 83.7 125.5
89 45.9 36.7 55.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

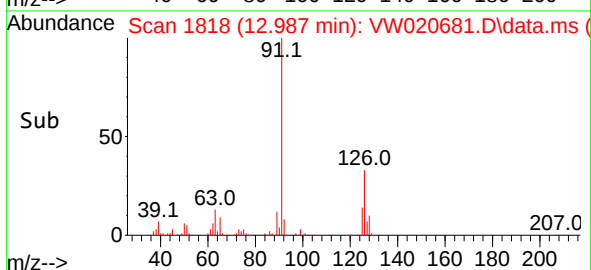
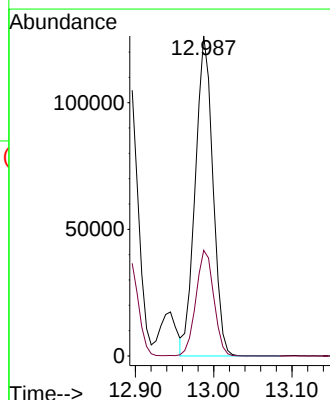
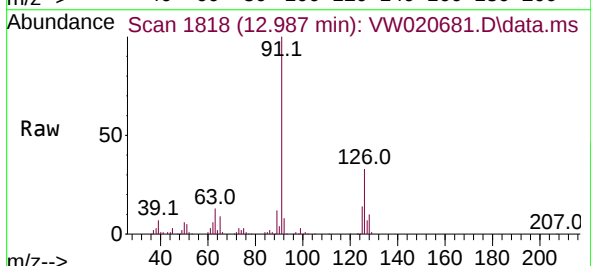
Manual Integrations
APPROVED

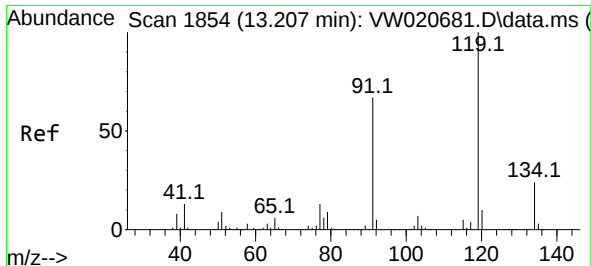
MMDadoda
10/25/2021 11:56:10 AM



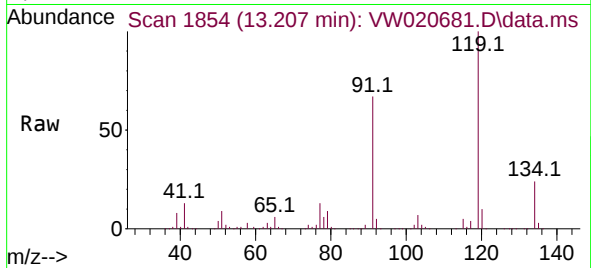
#82
4-Chlorotoluene
Concen: 49.927 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion: 91 Resp: 197389
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

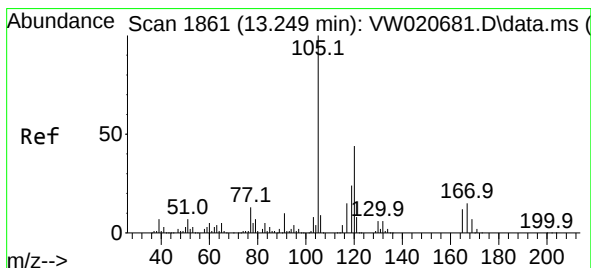
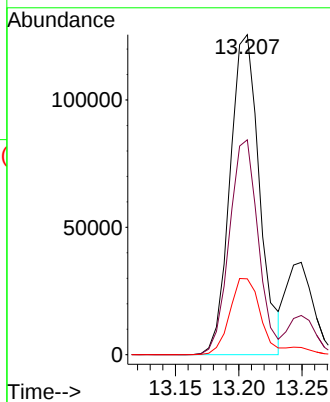
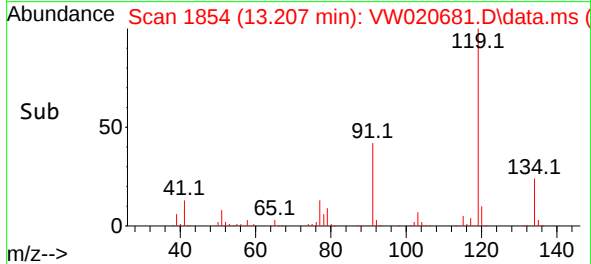




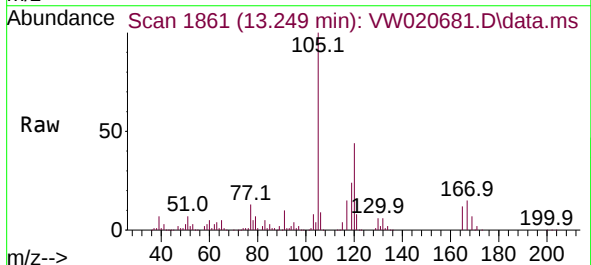
#83
tert-Butylbenzene
Concen: 53.167 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



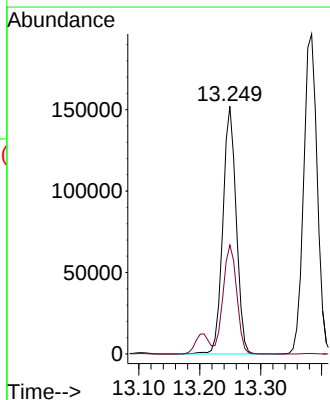
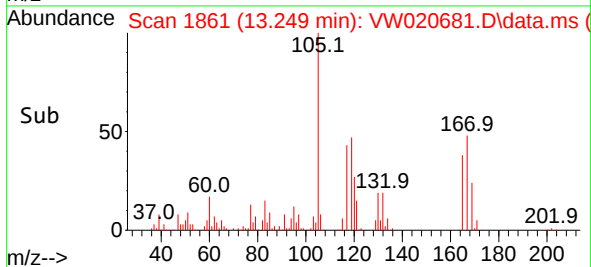
Tgt Ion:119 Resp: 203989
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 24.8 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 52.113 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



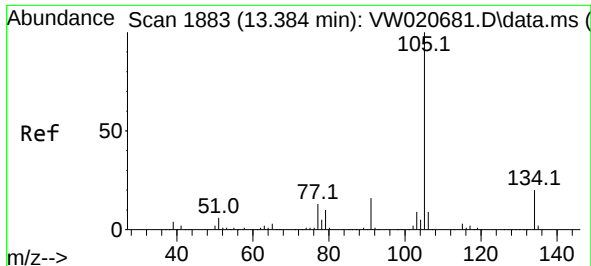
Tgt Ion:105 Resp: 231244
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



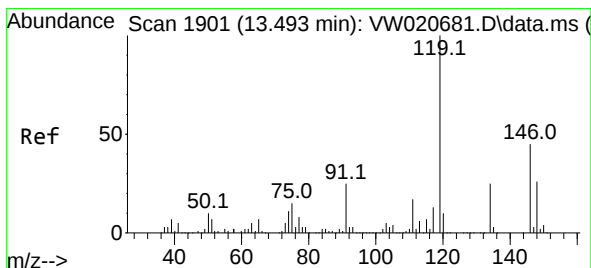
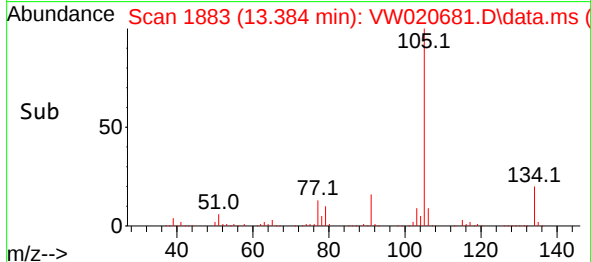
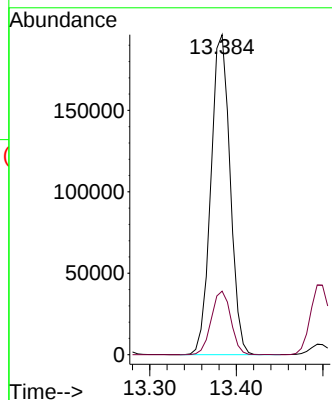
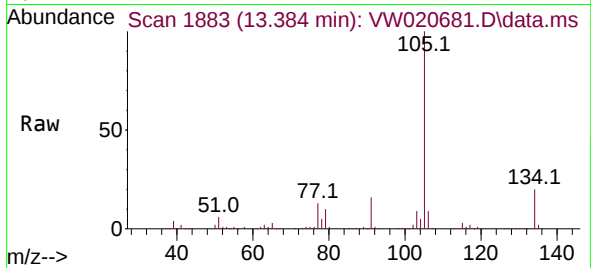
#85
 sec-Butylbenzene
 Concen: 52.233 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW020681.D
 Acq: 22 Oct 2021 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 302419
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

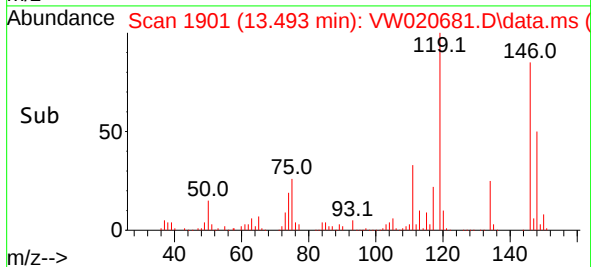
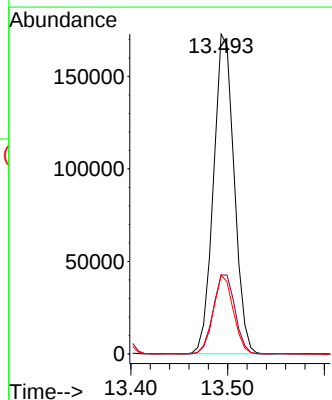
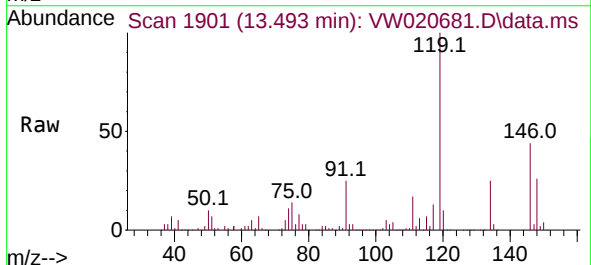
Manual Integrations
 APPROVED

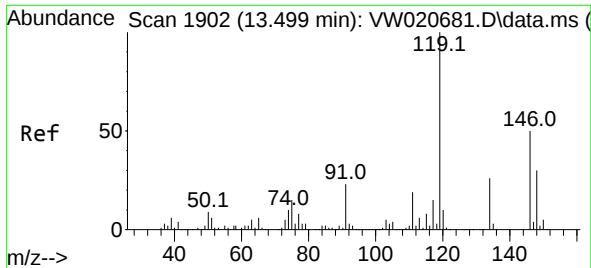
MMDadoda
 10/25/2021 11:56:10 AM



#86
 p-Isopropyltoluene
 Concen: 52.725 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020681.D
 Acq: 22 Oct 2021 14:00

Tgt Ion:119 Resp: 256142
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.0 12.0 36.0





#87

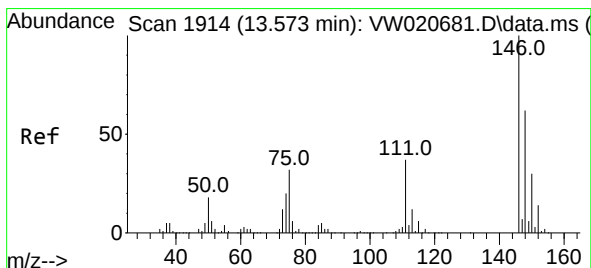
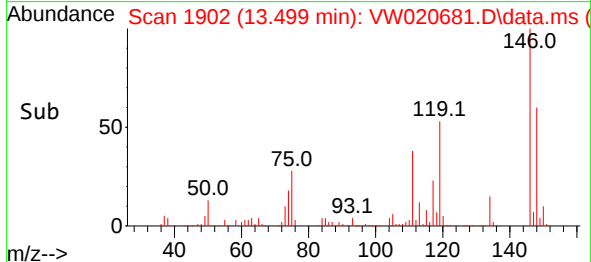
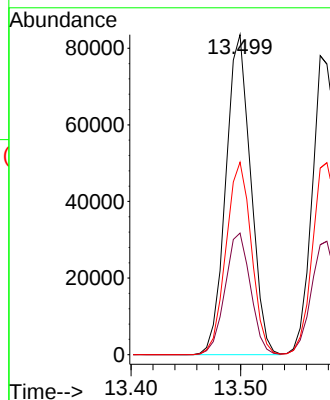
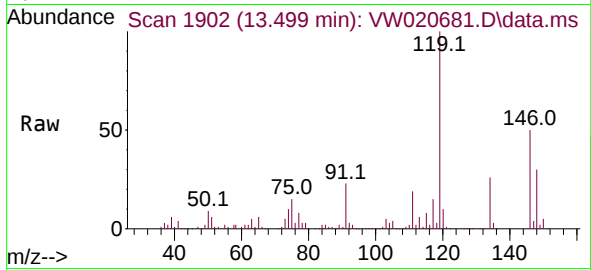
1,3-Dichlorobenzene
Concen: 51.319 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:146 Resp: 131704
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 61.5 30.8 92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

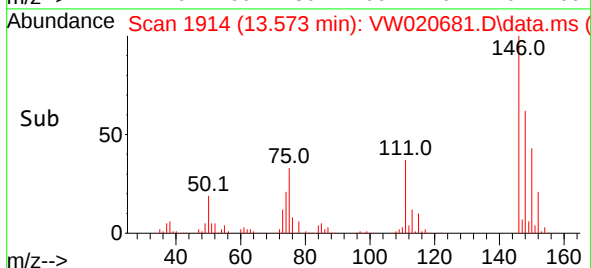
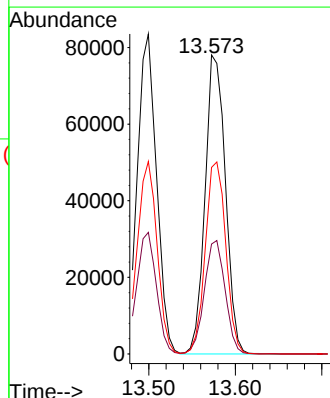
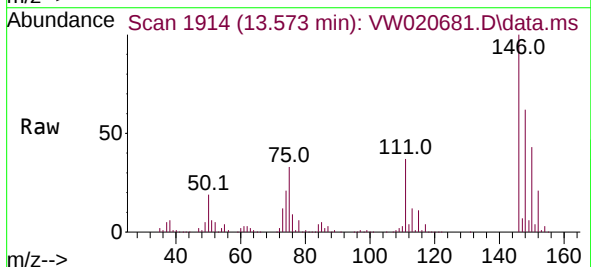
MMDadoda
10/25/2021 11:56:10 AM

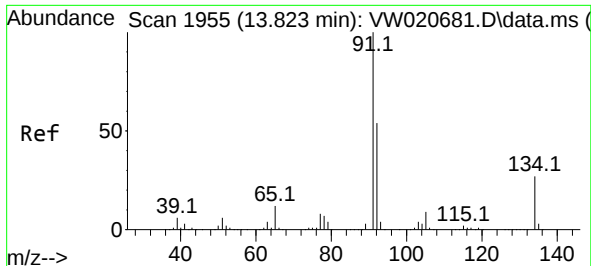


#88

1,4-Dichlorobenzene
Concen: 50.182 ug/l
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

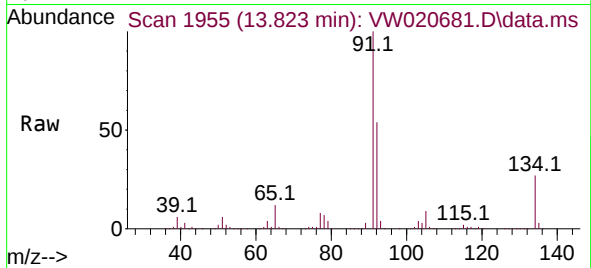
Tgt Ion:146 Resp: 127546
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.4
148 64.8 32.4 97.2





#89
n-Butylbenzene
Concen: 51.229 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

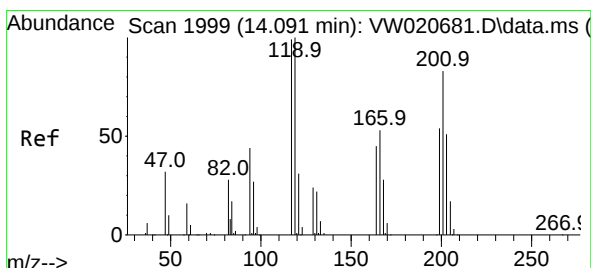
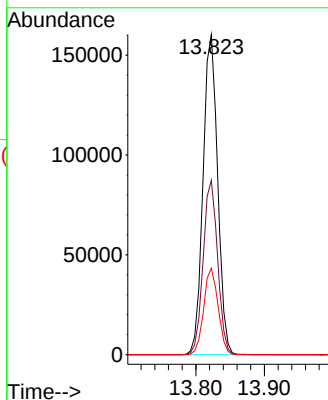
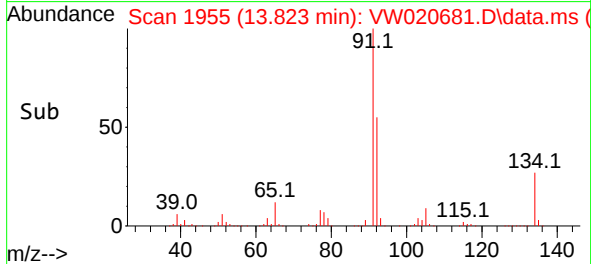
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



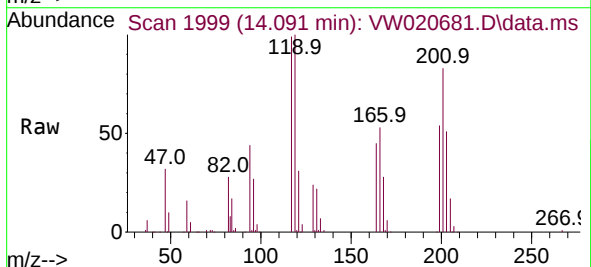
Tgt Ion: 91 Resp: 237993
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 26.7 13.4 40.1

Manual Integrations
APPROVED

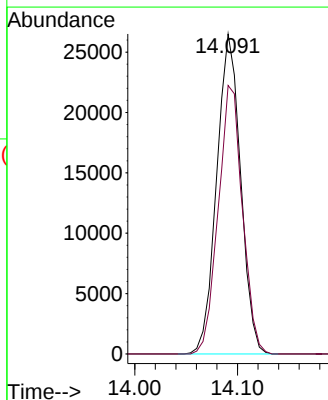
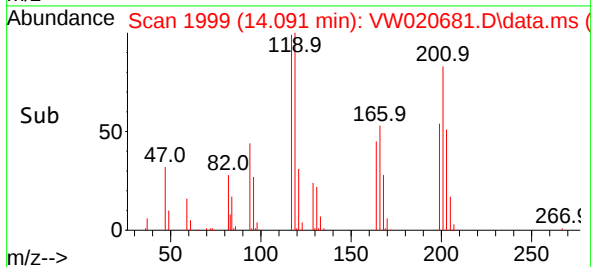
MMDadoda
10/25/2021 11:56:10 AM

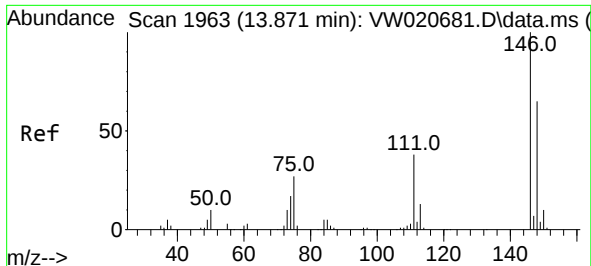


#90
Hexachloroethane
Concen: 46.548 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion: 117 Resp: 42741
Ion Ratio Lower Upper
117 100
201 84.9 42.4 127.3





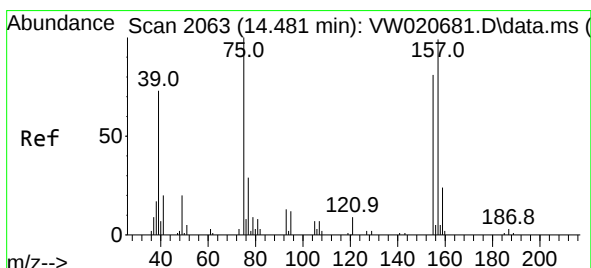
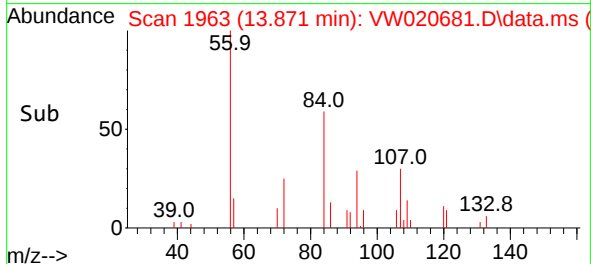
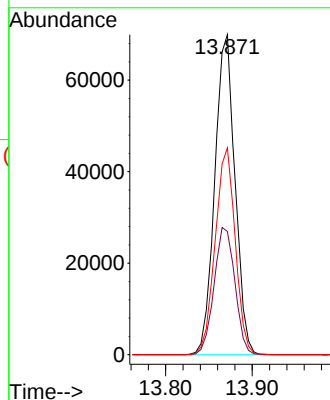
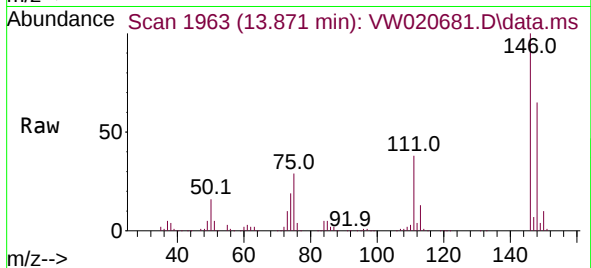
#91
1,2-Dichlorobenzene
Concen: 51.178 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

Tgt Ion:146 Resp: 113322
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 64.1 32.0 96.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

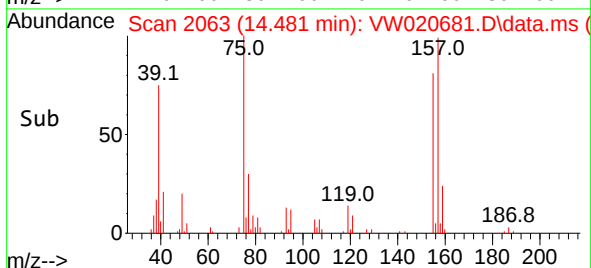
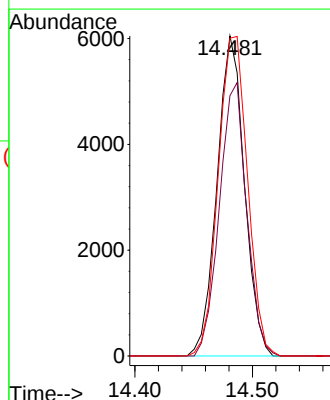
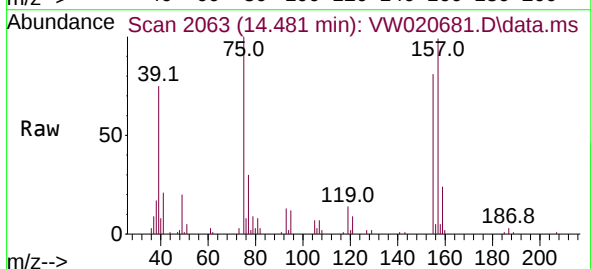
Manual Integrations
APPROVED

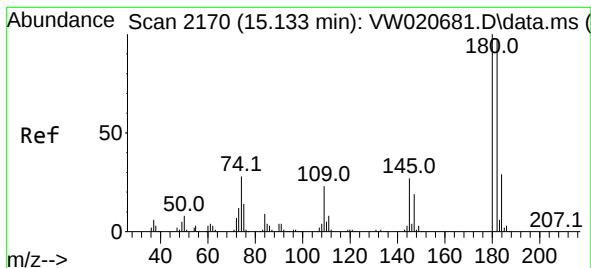
MMDadoda
10/25/2021 11:56:10 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.542 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

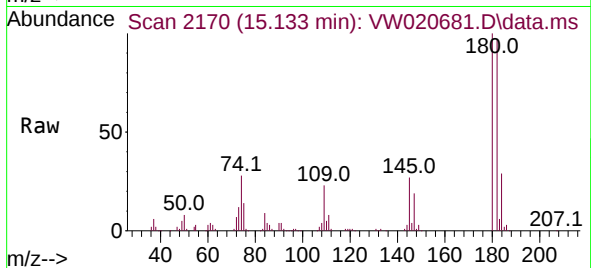
Tgt Ion: 75 Resp: 9788
Ion Ratio Lower Upper
75 100
155 85.1 42.5 127.6
157 106.8 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 54.656 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

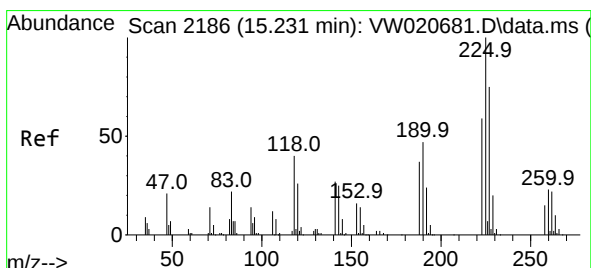
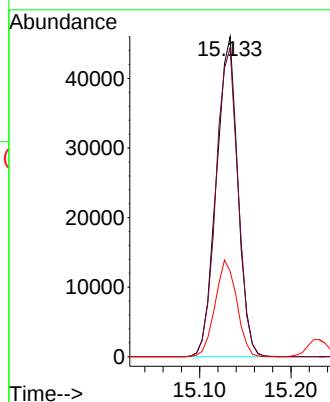
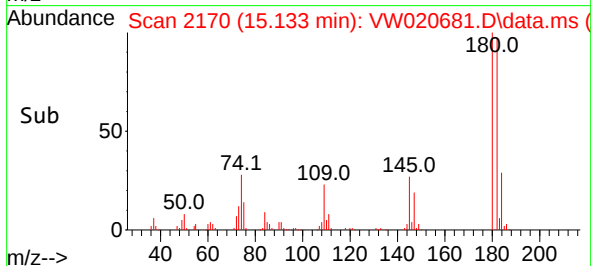
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



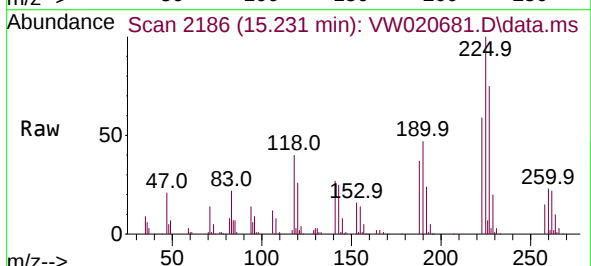
Tgt Ion:180 Resp: 75242
Ion Ratio Lower Upper
180 100
182 98.8 49.4 148.2
145 30.4 15.2 45.6

Manual Integrations
APPROVED

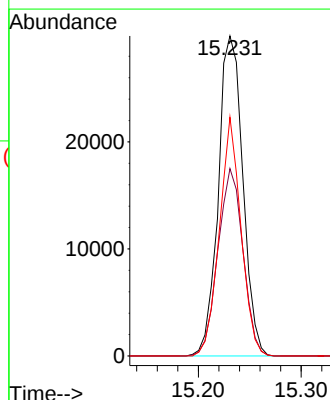
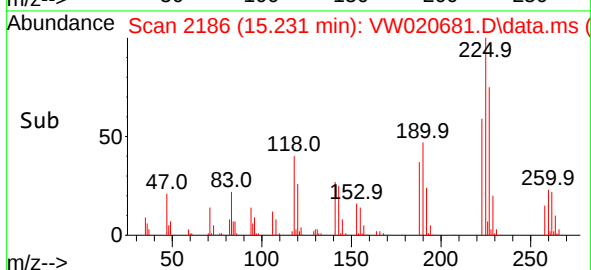
MMDadoda
10/25/2021 11:56:10 AM

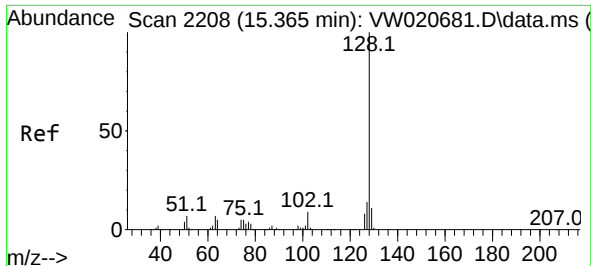


#94
Hexachlorobutadiene
Concen: 59.818 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



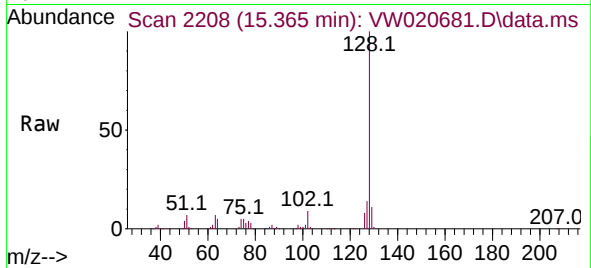
Tgt Ion:225 Resp: 49491
Ion Ratio Lower Upper
225 100
223 59.7 29.8 89.5
227 65.6 32.8 98.4





#95
Naphthalene
Concen: 61.899 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00

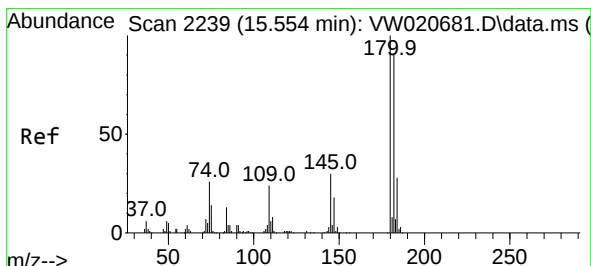
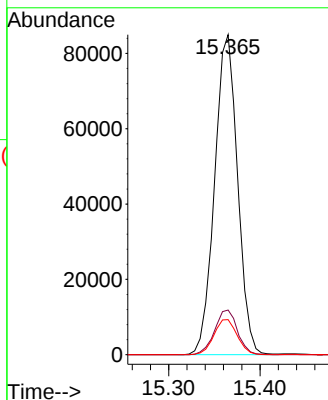
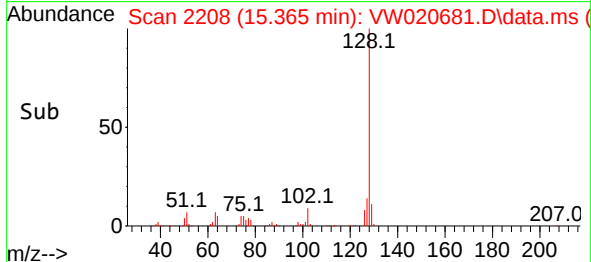
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



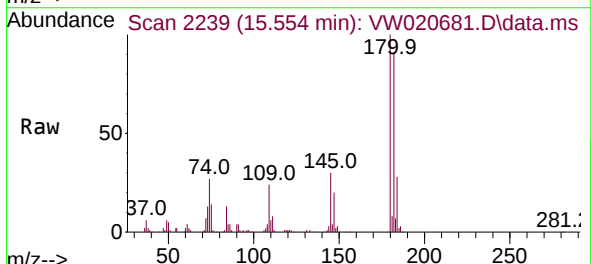
Tgt Ion:128 Resp: 148302
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 11.1 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.531 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020681.D
Acq: 22 Oct 2021 14:00



Tgt Ion:180 Resp: 69813
Ion Ratio Lower Upper
180 100
182 92.8 46.4 139.2
145 31.3 15.7 47.0

