

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018324.D
 Acq On : 12 Mar 2021 18:25
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:24 PM

Quant Time: Mar 13 04:33:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	120926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	208837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	178399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	89940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	32850	31.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.86%	
35) Dibromofluoromethane	7.884	113	29627	22.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.76%	
50) Toluene-d8	10.329	98	111094	22.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.46%	
62) 4-Bromofluorobenzene	12.615	95	40341	22.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.12%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	24758	28.42	ug/l	96
3) Chloromethane	2.220	50	19069	24.70	ug/l	93
4) Vinyl Chloride	2.367	62	30160	26.65	ug/l	96
5) Bromomethane	2.781	94	22246	27.73	ug/l	99
6) Chloroethane	2.928	64	17387	26.36	ug/l	96
7) Trichlorofluoromethane	3.263	101	27882	32.98	ug/l	98
8) Diethyl Ether	3.684	74	13304	24.17	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	31894	28.22	ug/l	98
10) Methyl Iodide	4.281	142	41272	23.52	ug/l	99
11) Tert butyl alcohol	5.165	59	6755	140.63	ug/l #	90
12) 1,1-Dichloroethene	4.049	96	29542	25.84	ug/l	98
13) Acrolein	3.903	56	9456	135.32	ug/l	97
14) Allyl chloride	4.677	41	32699	23.55	ug/l	99
15) Acrylonitrile	5.366	53	28775	135.71	ug/l	99
16) Acetone	4.123	43	22099	136.47	ug/l	96
17) Carbon Disulfide	4.391	76	79994	25.53	ug/l	98
18) Methyl Acetate	4.665	43	11089	25.32	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	34963	28.42	ug/l	97
20) Methylene Chloride	4.921	84	36209	27.31	ug/l	96
21) trans-1,2-Dichloroethene	5.433	96	31231	24.44	ug/l	98
22) Diisopropyl ether	6.317	45	67678	24.28	ug/l	94
23) Vinyl Acetate	6.256	43	209710	126.16	ug/l	97
24) 1,1-Dichloroethane	6.226	63	51764	25.83	ug/l	99
25) 2-Butanone	7.177	43	32453	131.39	ug/l	93
26) 2,2-Dichloropropane	7.165	77	32702	29.14	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	33952	24.52	ug/l	97
28) Bromochloromethane	7.512	49	19262	25.23	ug/l	100
29) Tetrahydrofuran	7.530	42	21073	129.88	ug/l	99
30) Chloroform	7.677	83	58078	26.96	ug/l	99
31) Cyclohexane	7.957	56	47038	25.14	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	50511	28.78	ug/l	100
36) 1,1-Dichloropropene	8.085	75	46770	23.14	ug/l	99
37) Ethyl Acetate	7.256	43	15240	22.14	ug/l	99
38) Carbon Tetrachloride	8.073	117	48992	24.02	ug/l #	96
39) Methylcyclohexane	9.335	83	57130	22.24	ug/l	96
40) Benzene	8.323	78	120302	21.45	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018324.D
 Acq On : 12 Mar 2021 18:25
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:24 PM

Quant Time: Mar 13 04:33:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	7622	19.08	ug/l	88
42) 1,2-Dichloroethane	8.402	62	39787	25.86	ug/l	98
43) Isopropyl Acetate	8.427	43	27918	21.81	ug/l	100
44) Trichloroethene	9.097	130	34599	20.39	ug/l	92
45) 1,2-Dichloropropane	9.372	63	27390	21.11	ug/l	95
46) Dibromomethane	9.457	93	17347	23.71	ug/l	99
47) Bromodichloromethane	9.646	83	42587	22.81	ug/l	99
48) Methyl methacrylate	9.439	41	13475	20.85	ug/l	98
49) 1,4-Dioxane	9.445	88	4500	472.48	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	73943	113.51	ug/l	99
52) Toluene	10.390	92	79615	21.47	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	38181	21.66	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	45432	21.29	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	23379	22.32	ug/l	97
56) Ethyl methacrylate	10.646	69	26057	21.86	ug/l	99
57) 1,3-Dichloropropane	10.932	76	39107	22.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	66236	107.34	ug/l	99
59) 2-Hexanone	10.969	43	50128	114.02	ug/l	97
60) Dibromochloromethane	11.127	129	26500	20.05	ug/l	96
61) 1,2-Dibromoethane	11.237	107	22642	21.81	ug/l	100
64) Tetrachloroethene	10.865	164	27293	20.49	ug/l	91
65) Chlorobenzene	11.658	112	84549	22.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	29011	21.46	ug/l	99
67) Ethyl Benzene	11.731	91	156924	23.35	ug/l	98
68) m/p-Xylenes	11.841	106	117563	45.14	ug/l	99
69) o-Xylene	12.164	106	52169	21.56	ug/l	97
70) Styrene	12.182	104	91323	22.52	ug/l	98
71) Bromoform	12.347	173	12498	17.52	ug/l #	90
73) Isopropylbenzene	12.463	105	157382	23.75	ug/l	98
74) N-amyl acetate	12.274	43	25460	23.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.712	83	25829	24.30	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	17815m	22.06	ug/l	
77) Bromobenzene	12.749	156	31979	20.26	ug/l	98
78) n-propylbenzene	12.804	91	178486	23.27	ug/l	98
79) 2-Chlorotoluene	12.889	91	106980	24.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	134021	23.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	6670	21.19	ug/l	96
82) 4-Chlorotoluene	12.987	91	110969	23.89	ug/l	100
83) tert-Butylbenzene	13.206	119	113196	23.06	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	131320	23.40	ug/l	97
85) sec-Butylbenzene	13.383	105	158794	23.88	ug/l	99
86) p-Isopropyltoluene	13.493	119	147610	23.56	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	66133	21.36	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	65531	21.42	ug/l	98
89) n-Butylbenzene	13.822	91	141370	24.75	ug/l	99
90) Hexachloroethane	14.090	117	24342	22.55	ug/l	89
91) 1,2-Dichlorobenzene	13.865	146	58112	21.49	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	4731	28.01	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	40611	19.84	ug/l	92
94) Hexachlorobutadiene	15.230	225	23580	18.50	ug/l	88
95) Naphthalene	15.364	128	78904	22.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	36353	20.82	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
Data File : VW018324.D
Acq On : 12 Mar 2021 18:25
Operator : SY/VA
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM

Quant Time: Mar 13 04:33:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 13 04:29:58 2021
Response via : Initial Calibration

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

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

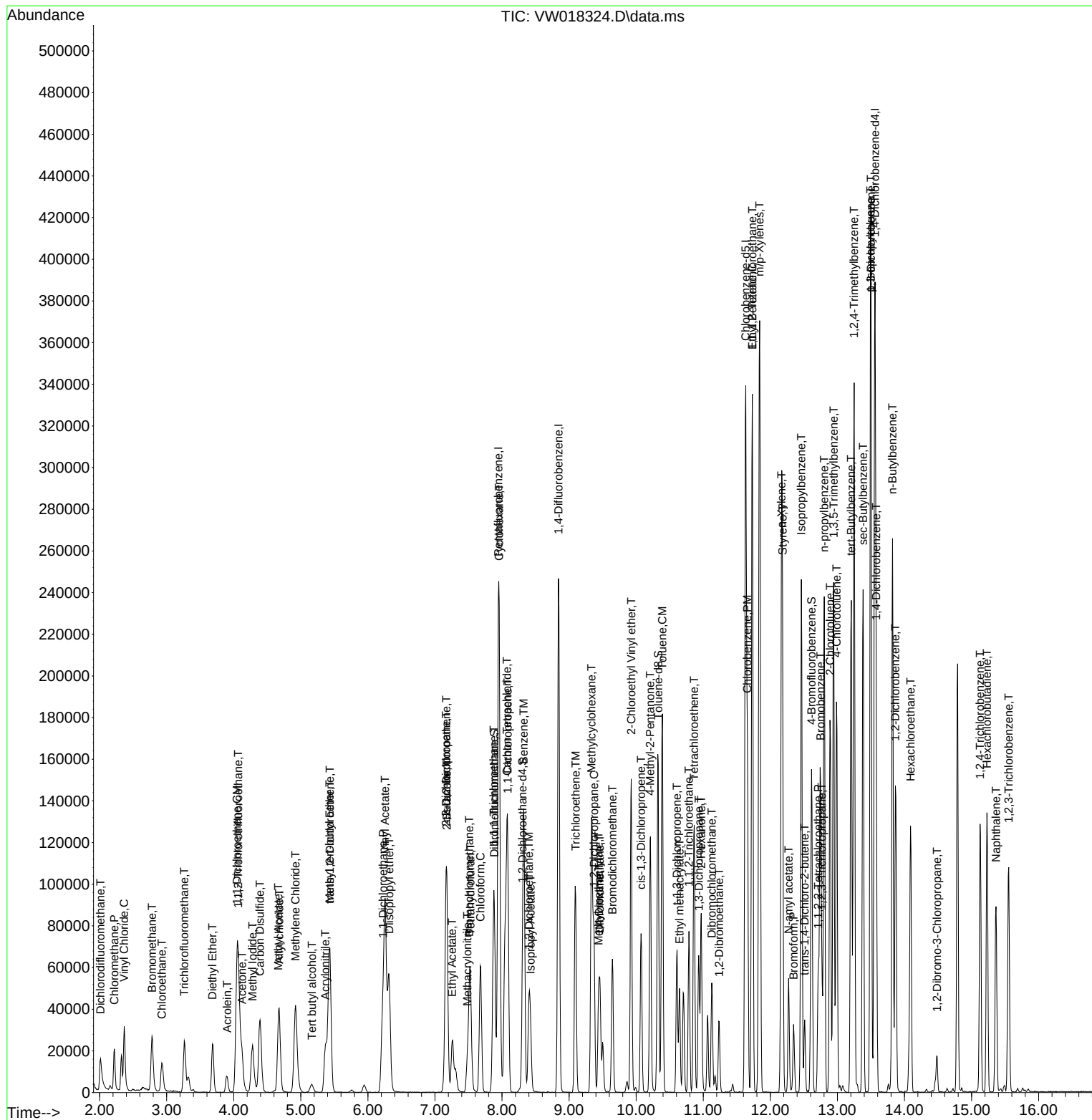
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018324.D
 Acq On : 12 Mar 2021 18:25
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

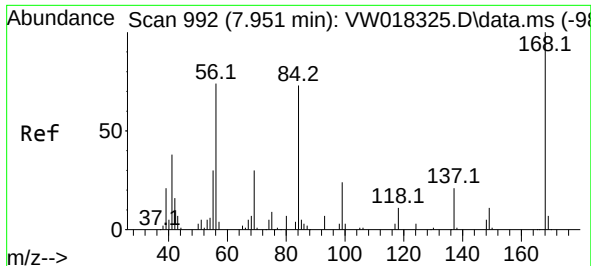
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

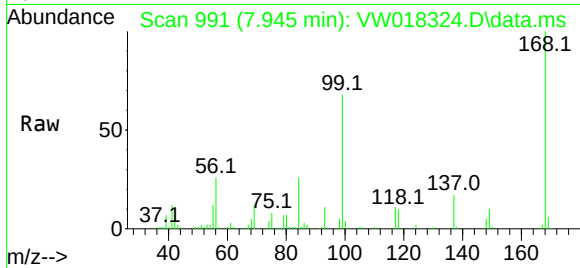
MMDadoda
 3/15/2021 12:40:24 PM

Quant Time: Mar 13 04:33:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

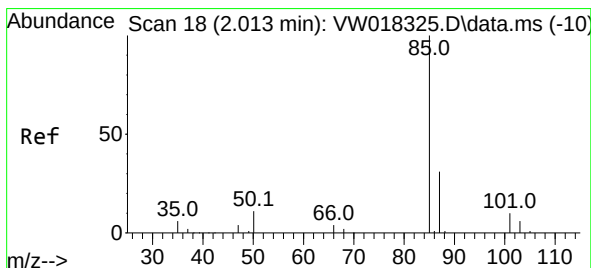
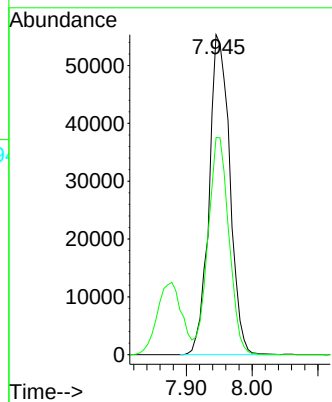
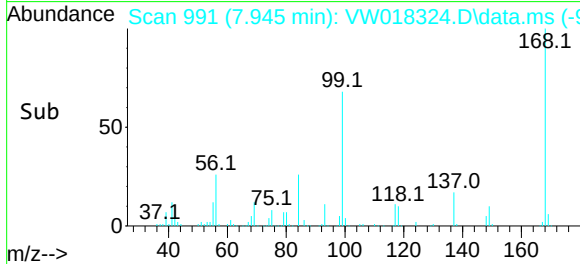




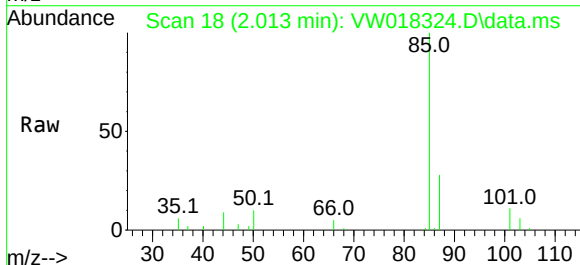
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



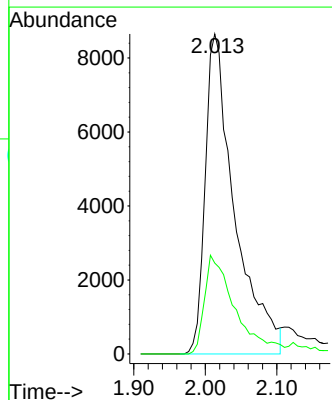
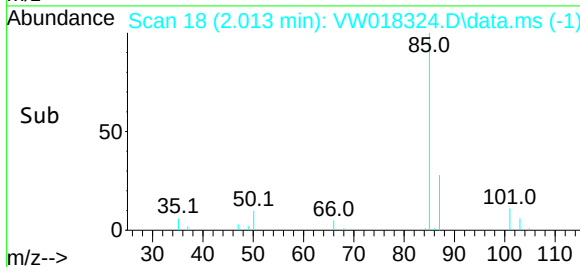
Tgt Ion: 168 Resp: 120926
Ion Ratio Lower Upper
168 100
99 67.8 60.8 91.2



#2
Dichlorodifluoromethane
Concen: 28.42 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



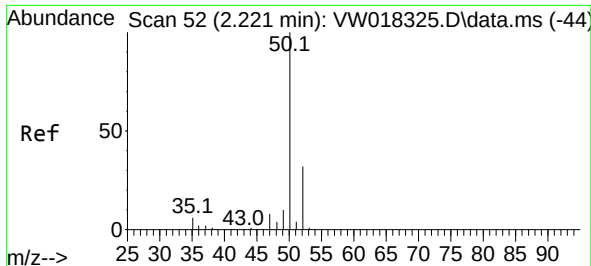
Tgt Ion: 85 Resp: 24758
Ion Ratio Lower Upper
85 100
87 28.4 15.3 45.9



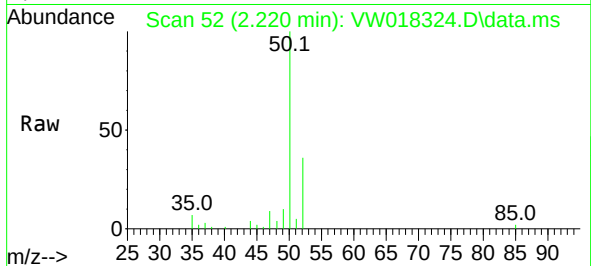
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

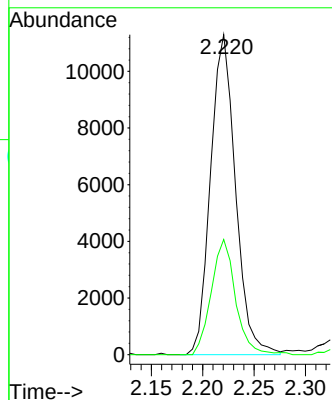
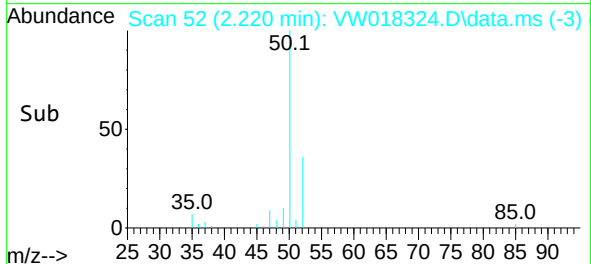
MMDadoda
3/15/2021 12:40:24 PM



#3
Chloromethane
Concen: 24.70 ug/l
RT: 2.220 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



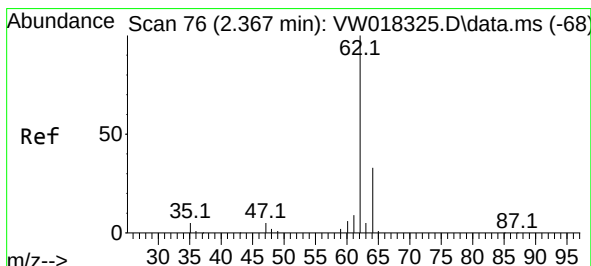
Tgt Ion: 50 Resp: 19069
Ion Ratio Lower Upper
50 100
52 36.0 25.8 38.6



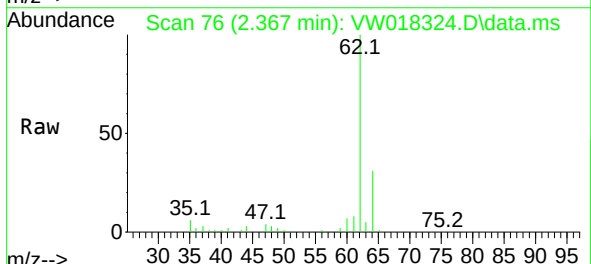
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

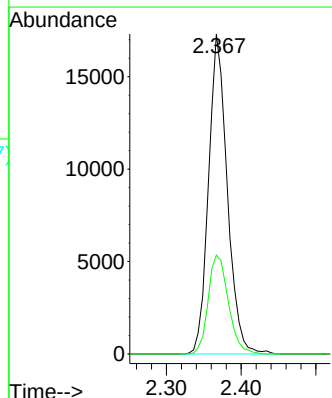
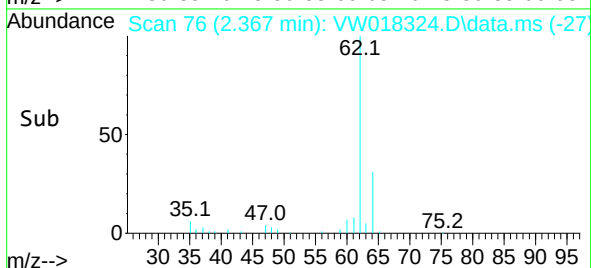
MMDadoda
3/15/2021 12:40:24 PM

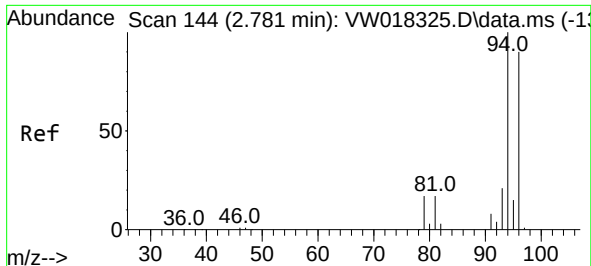


#4
Vinyl Chloride
Concen: 26.65 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

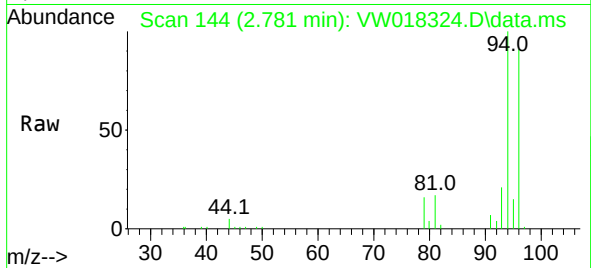


Tgt Ion: 62 Resp: 30160
Ion Ratio Lower Upper
62 100
64 30.9 26.7 40.1

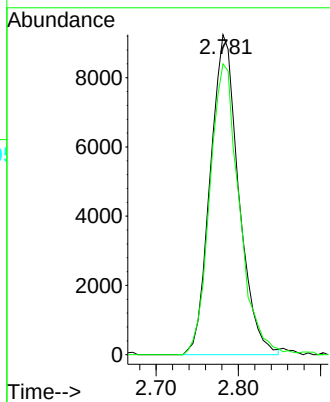
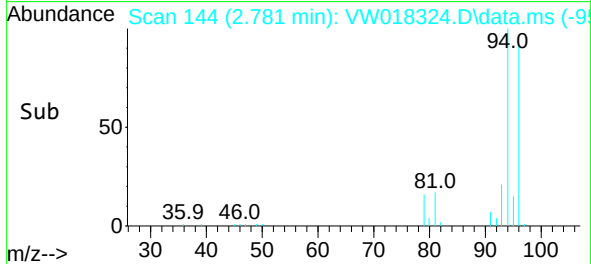




#5
Bromomethane
Concen: 27.73 ug/l
RT: 2.781 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



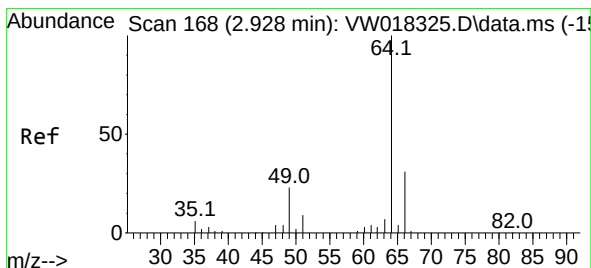
Tgt Ion: 94 Resp: 22246
Ion Ratio Lower Upper
94 100
96 90.9 72.3 108.5



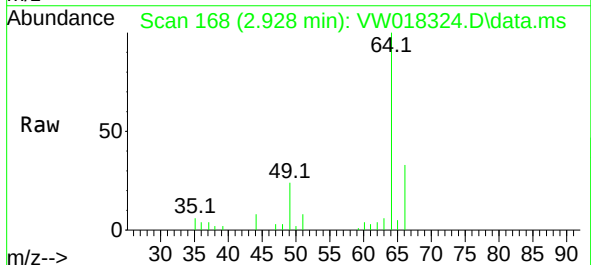
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

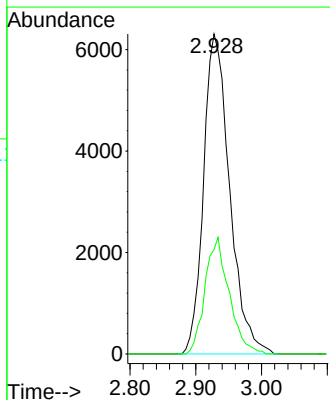
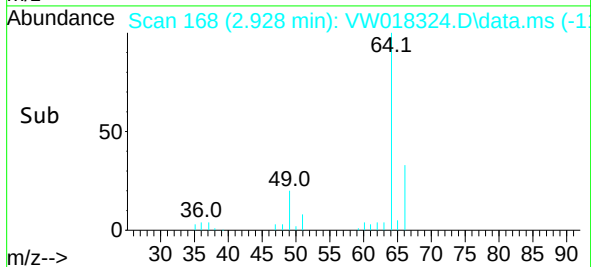
MMDadoda
3/15/2021 12:40:24 PM

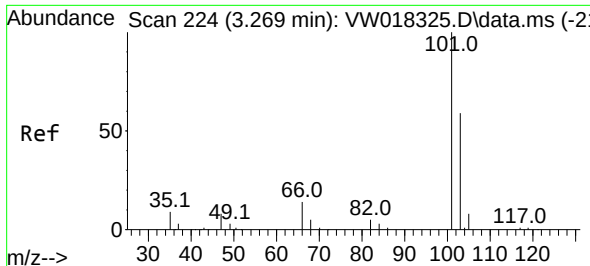


#6
Chloroethane
Concen: 26.36 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion: 64 Resp: 17387
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7





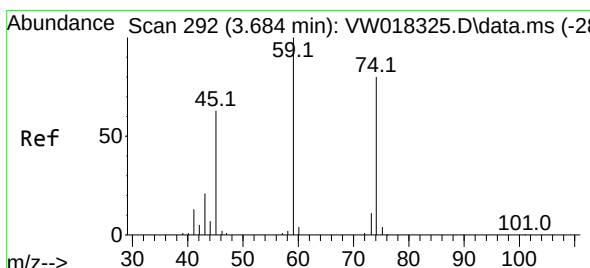
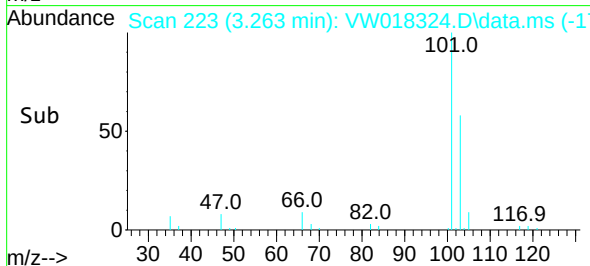
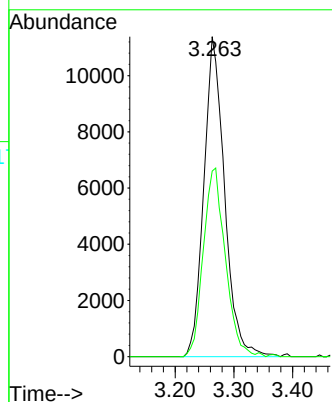
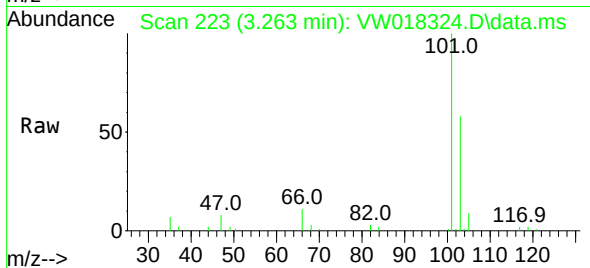
#7
 Trichlorofluoromethane
 Concen: 32.98 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. -0.006 min
 Lab File: VW018324.D
 Acq: 12 Mar 2021 18:25

Tgt Ion: 101 Resp: 27882
 Ion Ratio Lower Upper
 101 100
 103 58.0 47.6 71.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

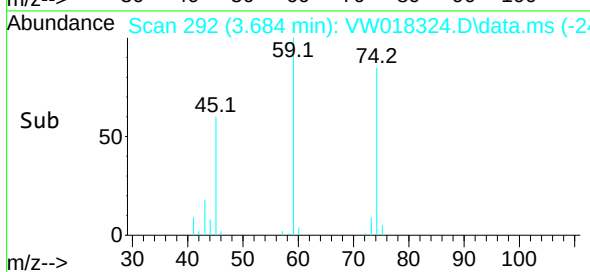
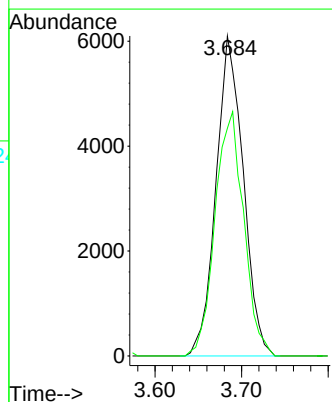
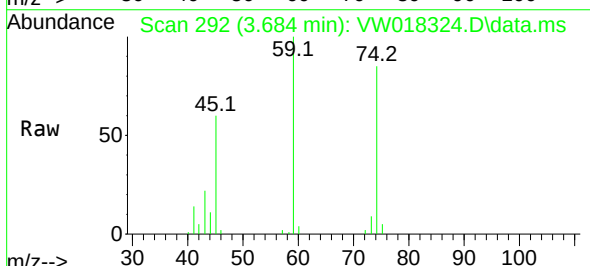
Manual Integrations
 APPROVED

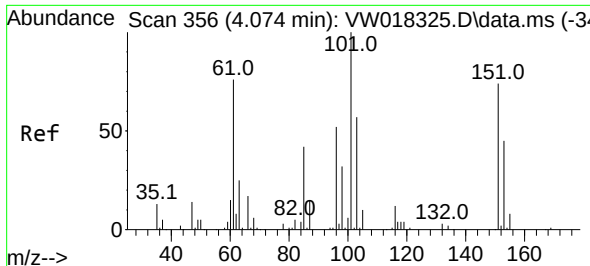
MMDadoda
 3/15/2021 12:40:24 PM



#8
 Diethyl Ether
 Concen: 24.17 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW018324.D
 Acq: 12 Mar 2021 18:25

Tgt Ion: 74 Resp: 13304
 Ion Ratio Lower Upper
 74 100
 45 80.6 38.4 115.1





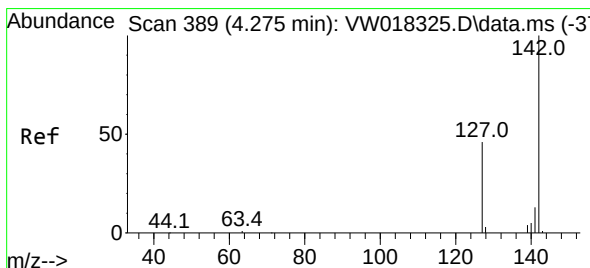
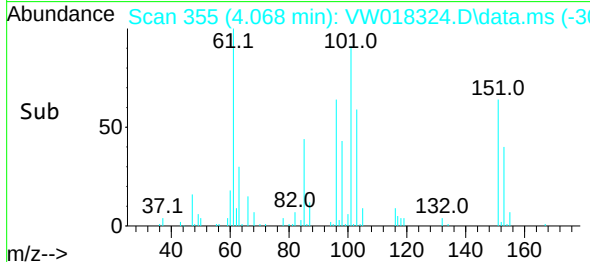
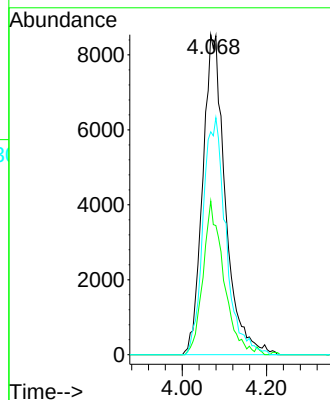
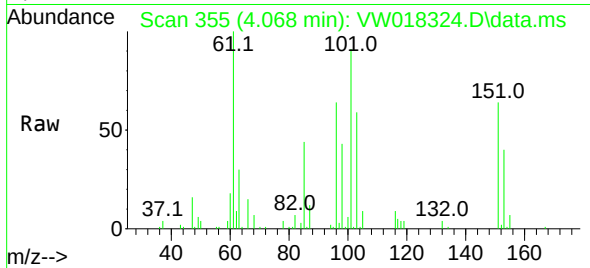
#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.22 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:	101	Resp:	31894
Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.2	54.4
151	74.7	61.0	91.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

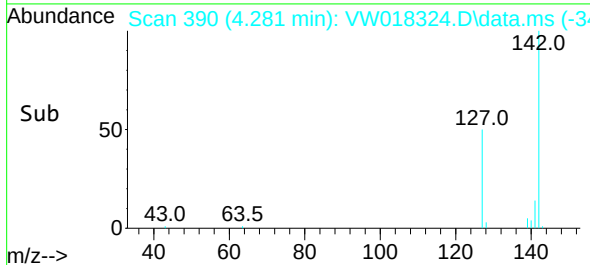
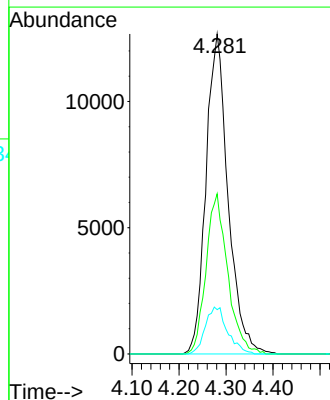
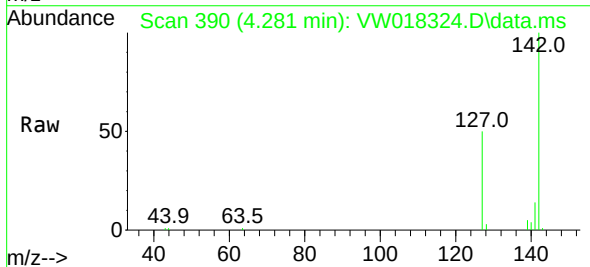
Manual Integrations
APPROVED

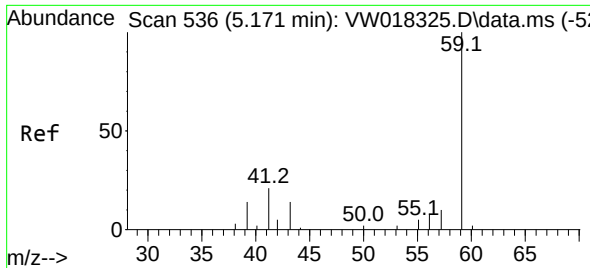
MMDadoda
3/15/2021 12:40:24 PM



#10
Methyl Iodide
Concen: 23.52 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:	142	Resp:	41272
Ion	Ratio	Lower	Upper
142	100		
127	49.2	39.8	59.6
141	14.8	11.8	17.6





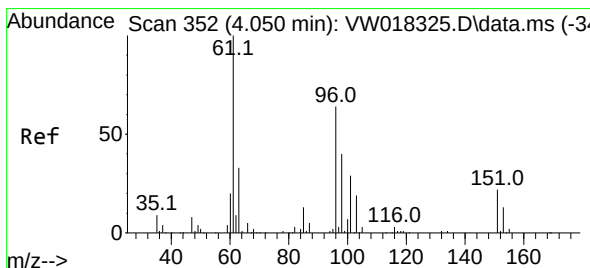
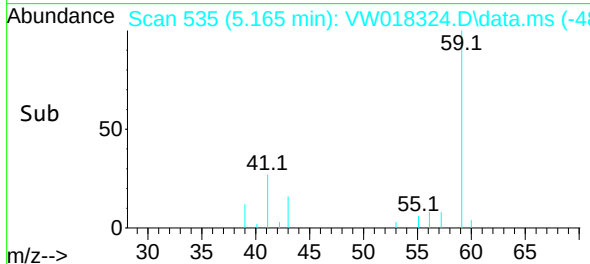
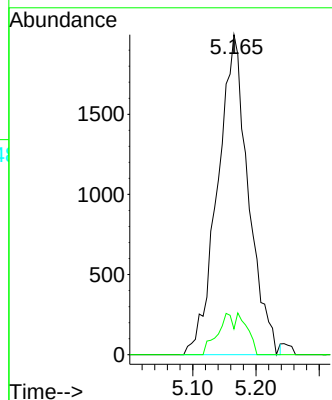
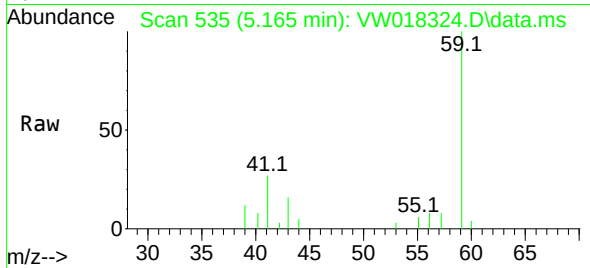
#11
Tert butyl alcohol
Concen: 140.63 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 59 Resp: 6755
Ion Ratio Lower Upper
59 100
57 6.8 8.4 12.6#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

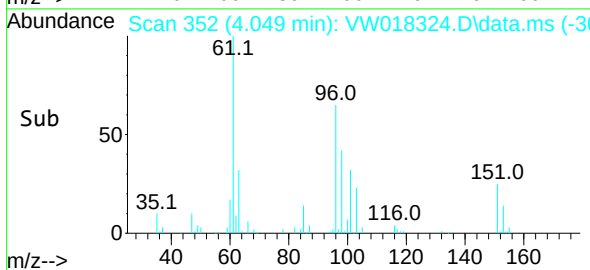
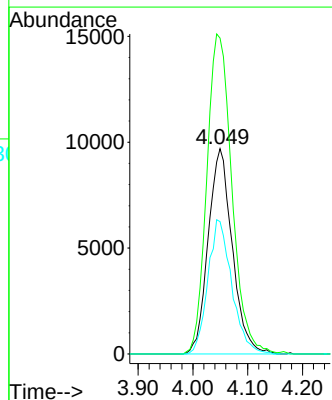
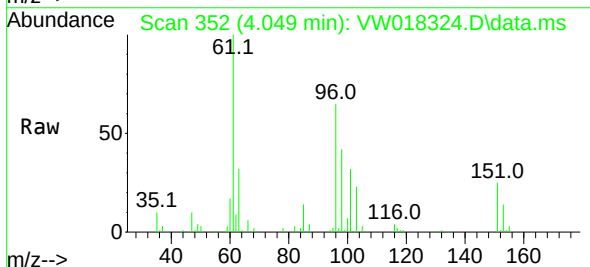
Manual Integrations
APPROVED

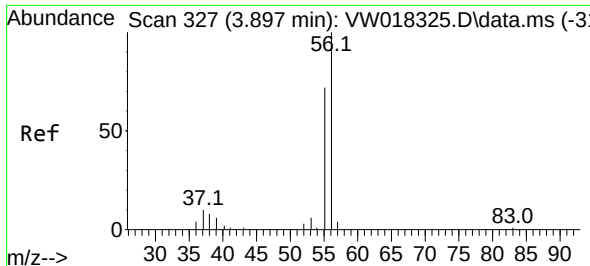
MMDadoda
3/15/2021 12:40:24 PM



#12
1,1-Dichloroethene
Concen: 25.84 ug/l
RT: 4.049 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 96 Resp: 29542
Ion Ratio Lower Upper
96 100
61 153.8 125.4 188.0
98 64.5 50.6 76.0





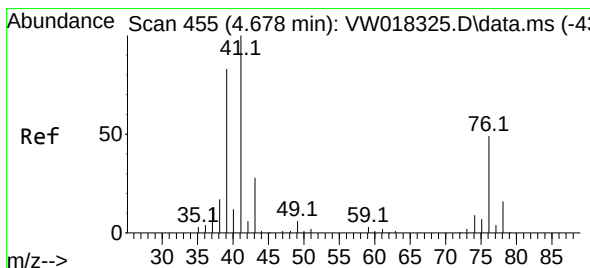
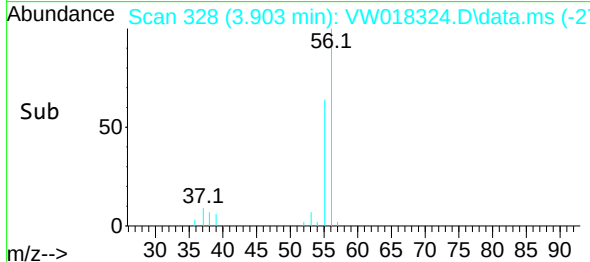
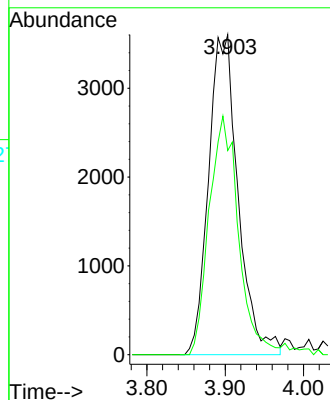
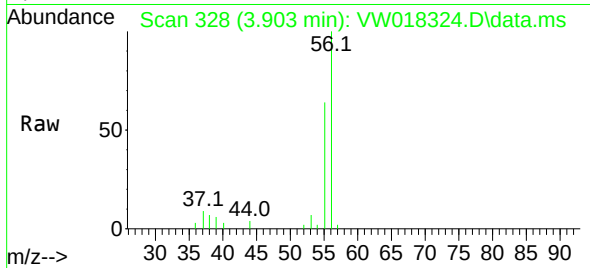
#13
Acrolein
Concen: 135.32 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.7	56.8	85.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

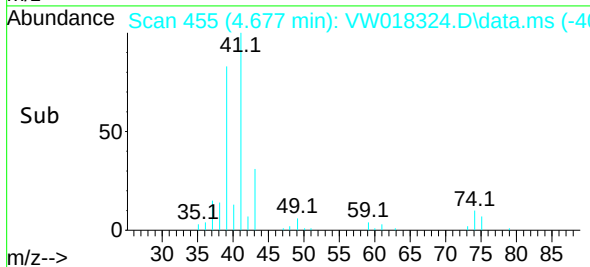
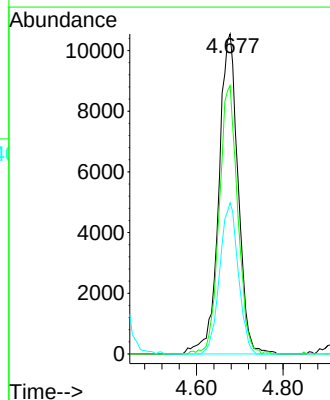
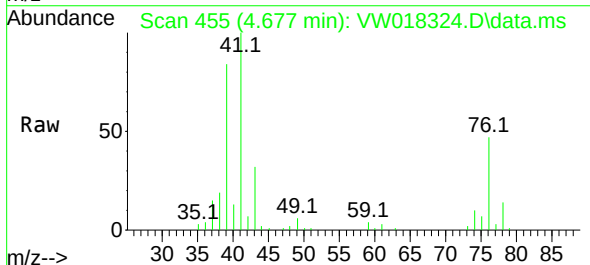
Manual Integrations
APPROVED

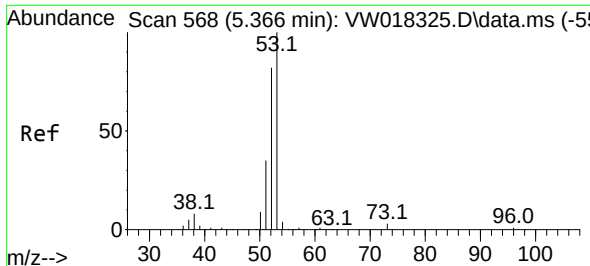
MMDadoda
3/15/2021 12:40:24 PM



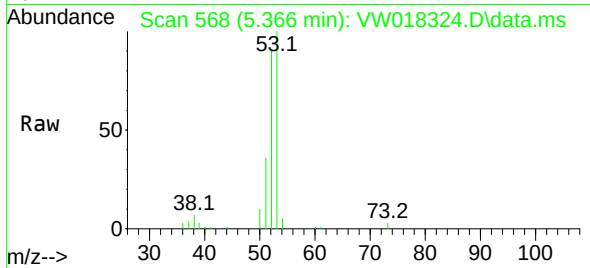
#14
Allyl chloride
Concen: 23.55 ug/l
RT: 4.677 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.4	64.6	96.8
76	45.3	37.9	56.9

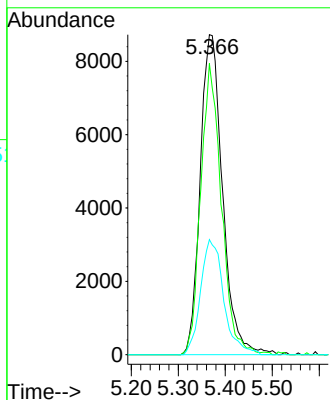




#15
Acrylonitrile
Concen: 135.71 ug/l
RT: 5.366 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



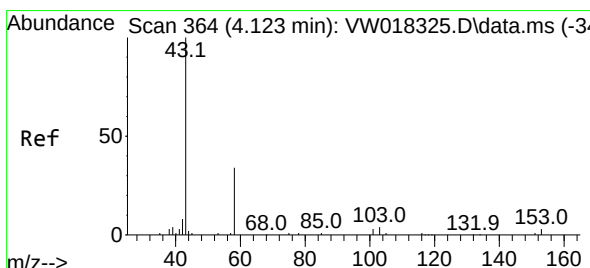
Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.6	99.8
51	37.2	30.5	45.7



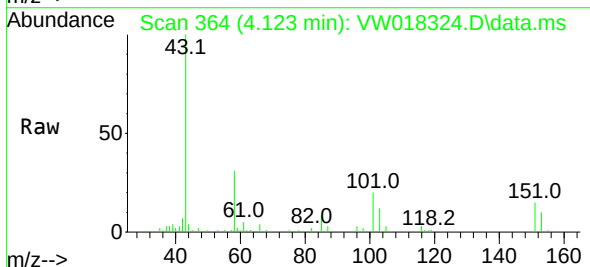
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

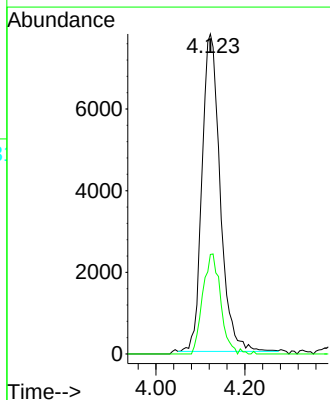
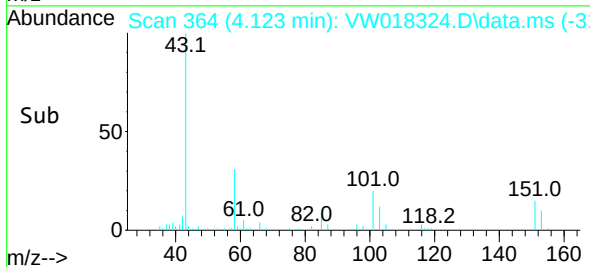
MMDadoda
3/15/2021 12:40:24 PM

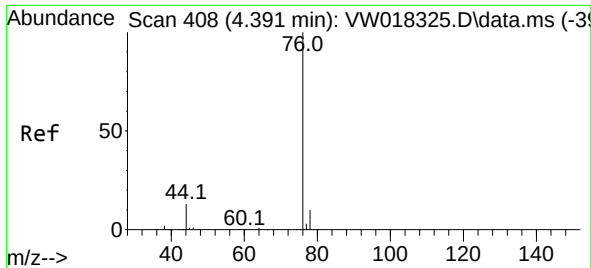


#16
Acetone
Concen: 136.47 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.9	40.3





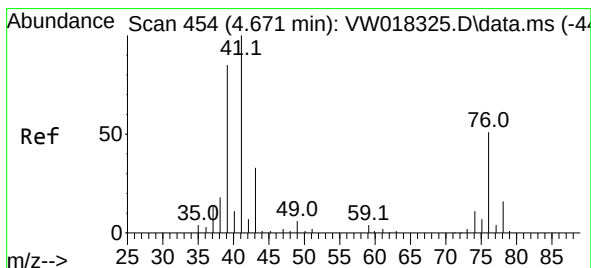
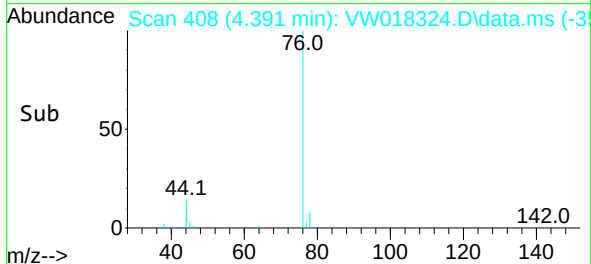
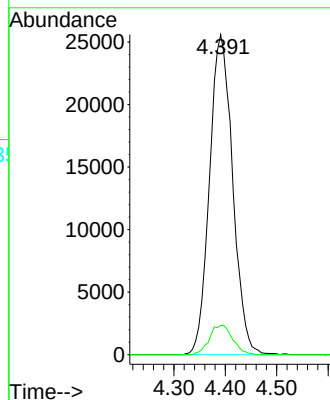
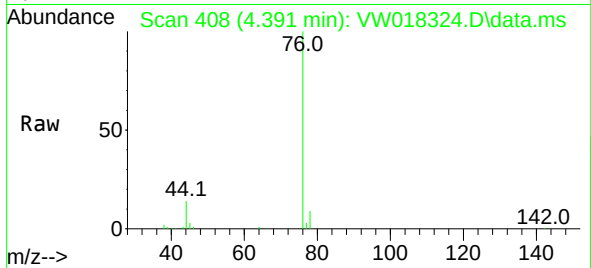
#17
Carbon Disulfide
Concen: 25.53 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 76 Resp: 79994
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

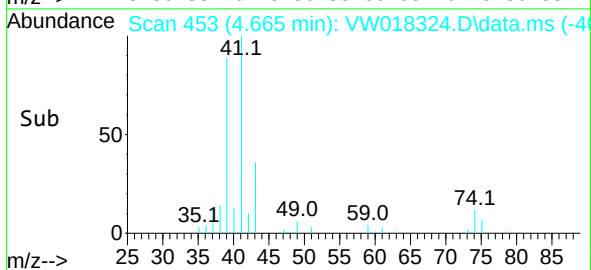
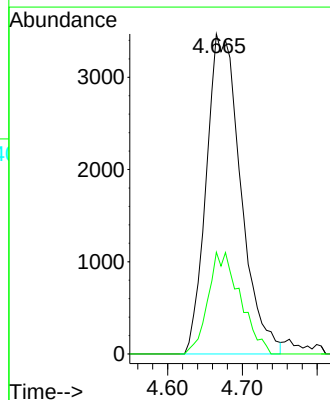
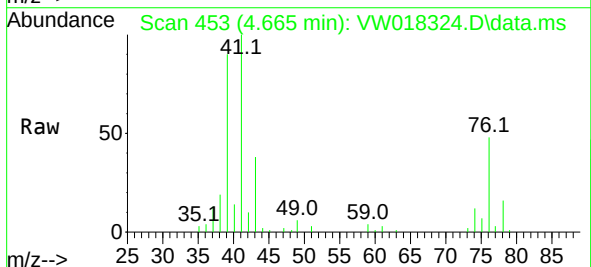
Manual Integrations
APPROVED

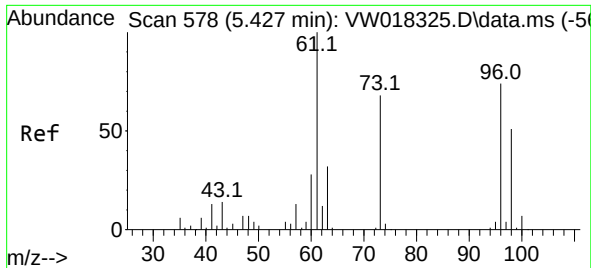
MMDadoda
3/15/2021 12:40:24 PM



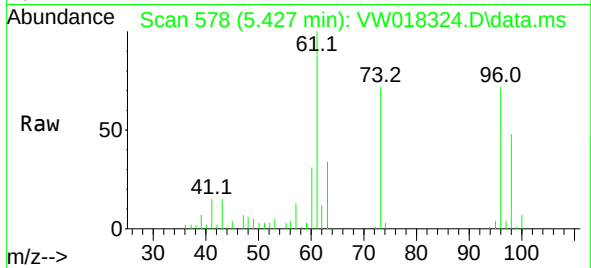
#18
Methyl Acetate
Concen: 25.32 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 11089
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9

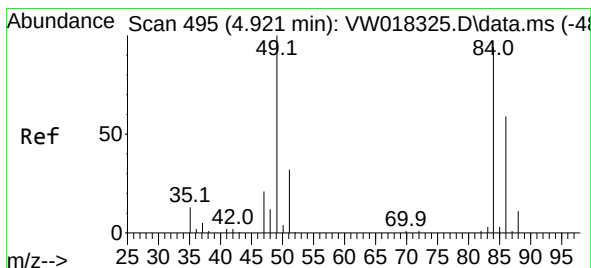
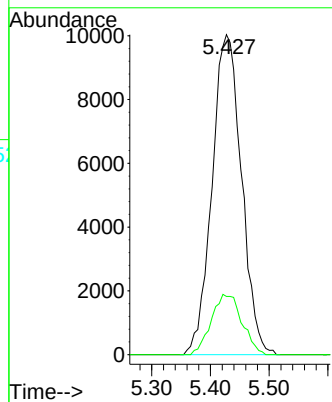
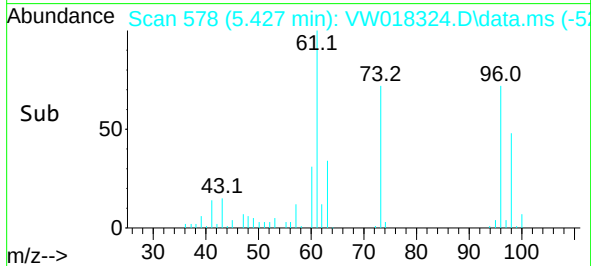




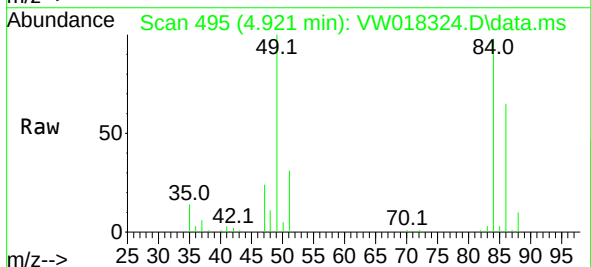
#19
Methyl tert-butyl Ether
Concen: 28.42 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



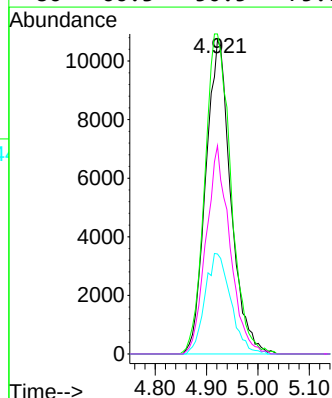
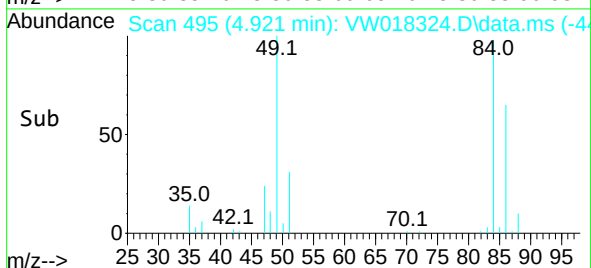
Tgt Ion: 73 Resp: 34963
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4



#20
Methylene Chloride
Concen: 27.31 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



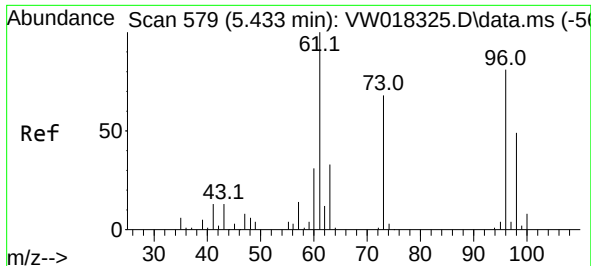
Tgt Ion: 84 Resp: 36209
Ion Ratio Lower Upper
84 100
49 101.9 85.1 127.7
51 31.8 27.4 41.0
86 66.3 50.5 75.7



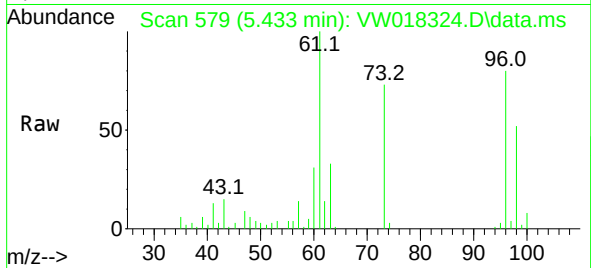
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM

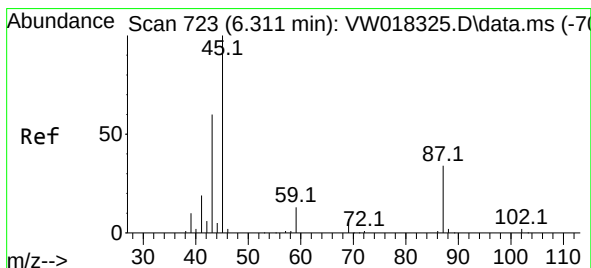
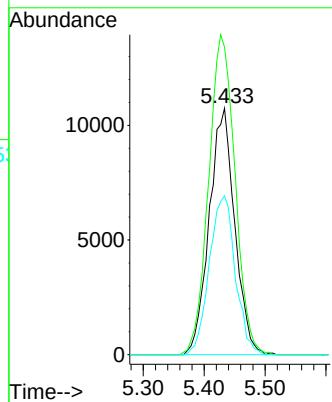
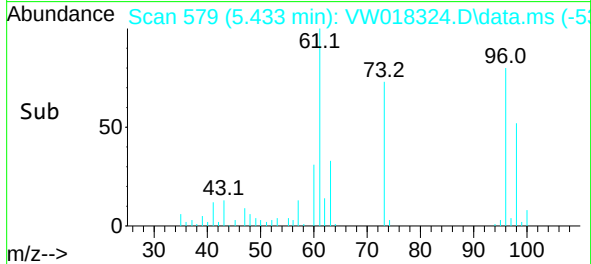


#21
trans-1,2-Dichloroethene
Concen: 24.44 ug/l
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

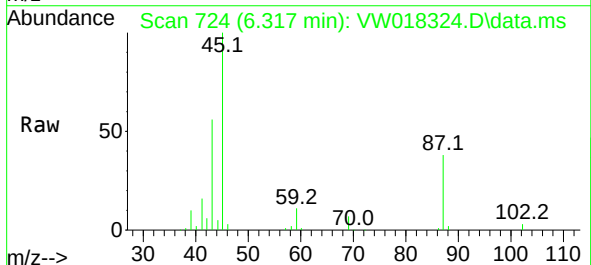


Tgt Ion: 96 Resp: 31231

Ion	Ratio	Lower	Upper
96	100		
61	124.9	99.2	148.8
98	64.5	48.2	72.4

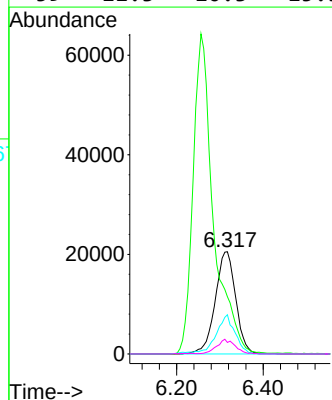
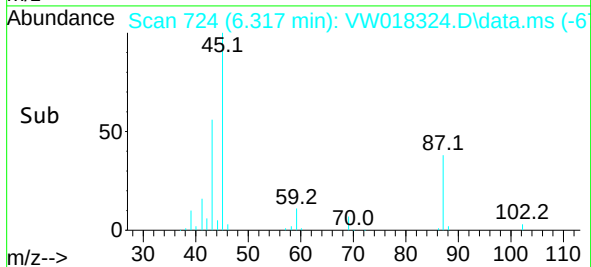


#22
Diisopropyl ether
Concen: 24.28 ug/l
RT: 6.317 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion: 45 Resp: 67678

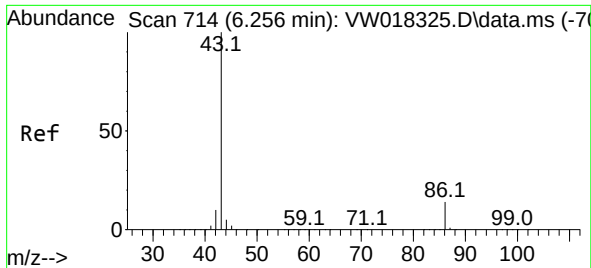
Ion	Ratio	Lower	Upper
45	100		
43	55.2	47.8	71.8
87	38.4	27.8	41.8
59	11.3	10.3	15.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



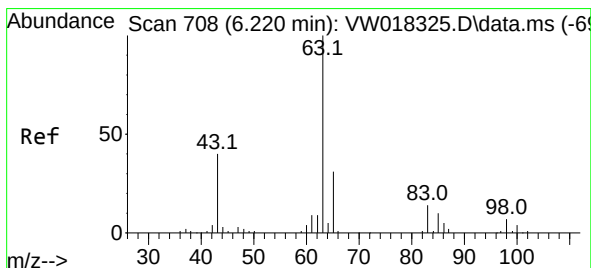
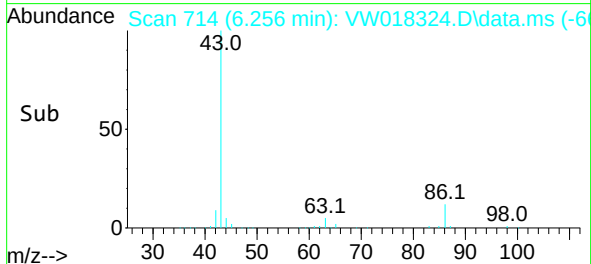
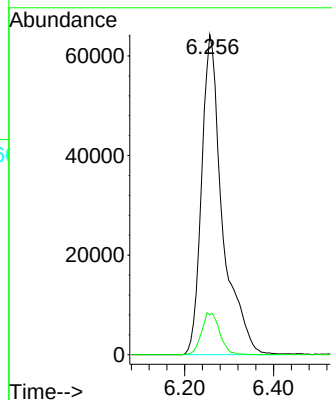
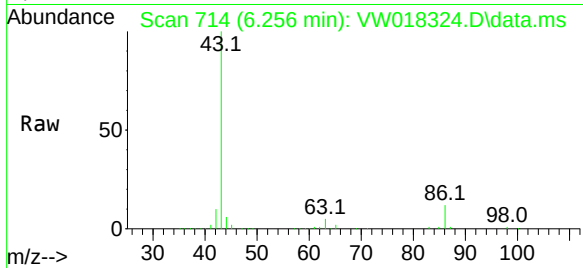
#23
 Vinyl Acetate
 Concen: 126.16 ug/l
 RT: 6.256 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW018324.D
 Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 209710
 Ion Ratio Lower Upper
 43 100
 86 12.5 11.0 16.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

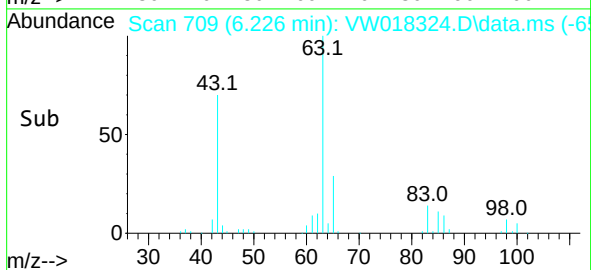
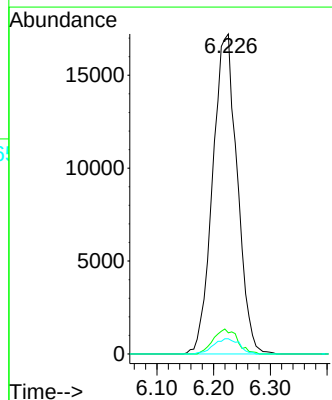
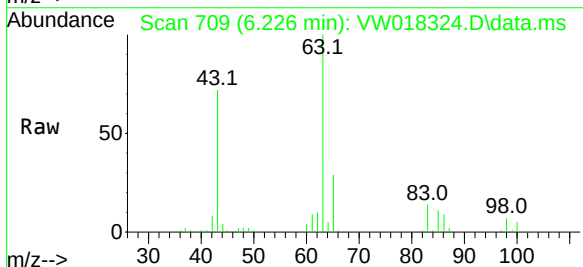
Manual Integrations
 APPROVED

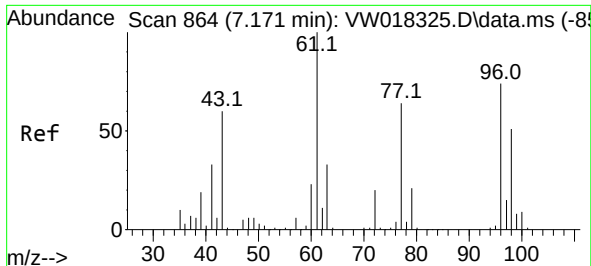
MMDadoda
 3/15/2021 12:40:24 PM



#24
 1,1-Dichloroethane
 Concen: 25.83 ug/l
 RT: 6.226 min Scan# 709
 Delta R.T. 0.006 min
 Lab File: VW018324.D
 Acq: 12 Mar 2021 18:25

Tgt Ion: 63 Resp: 51764
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.7 2.2 6.6





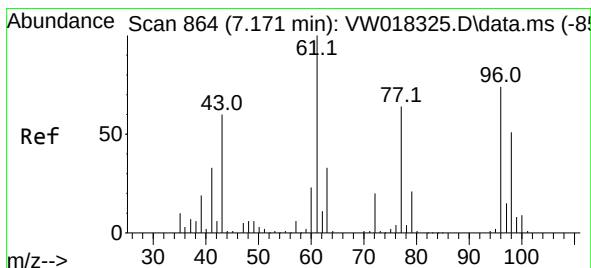
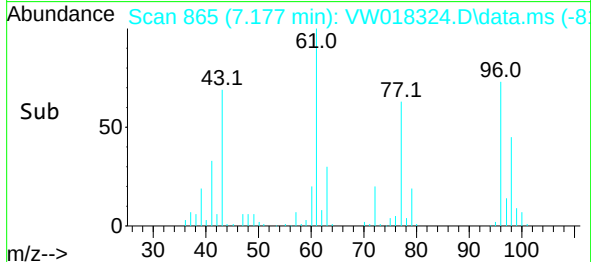
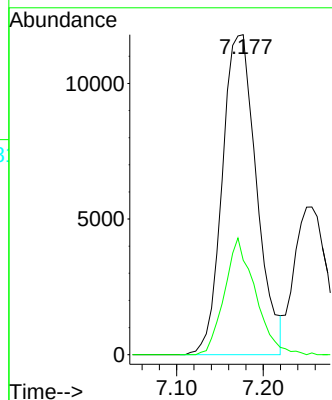
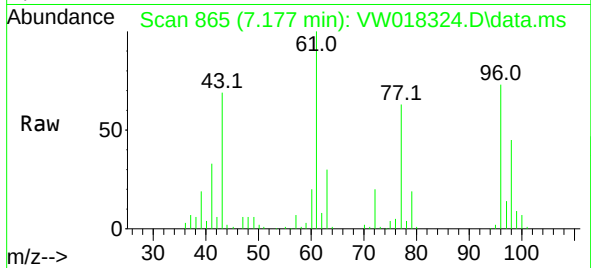
#25
2-Butanone
Concen: 131.39 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 32453
Ion Ratio Lower Upper
43 100
72 29.5 26.6 39.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

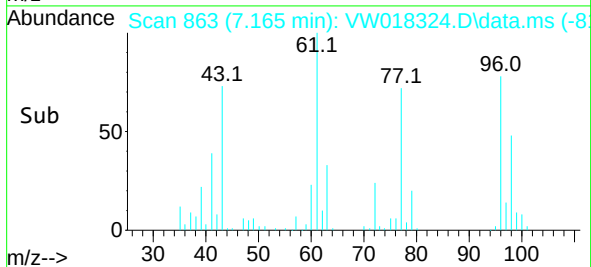
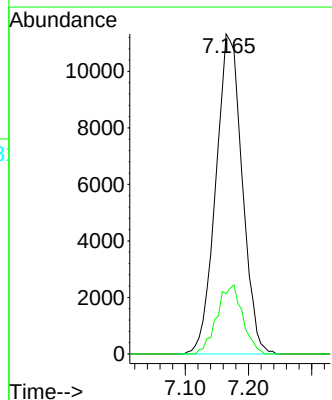
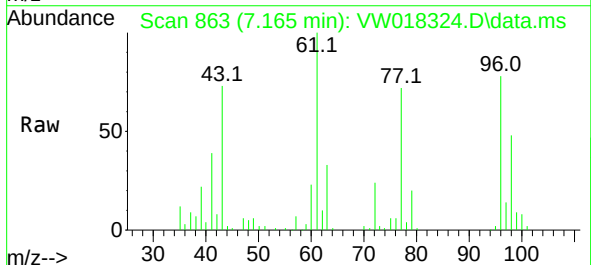
Manual Integrations
APPROVED

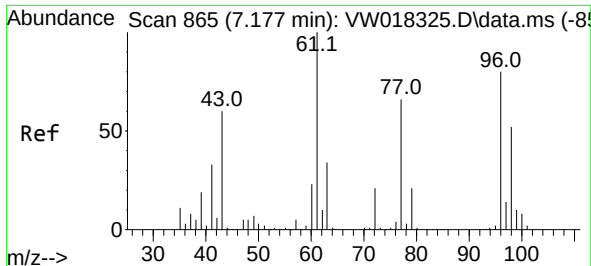
MMDadoda
3/15/2021 12:40:24 PM



#26
2,2-Dichloropropane
Concen: 29.14 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 77 Resp: 32702
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 24.52 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW018324.D

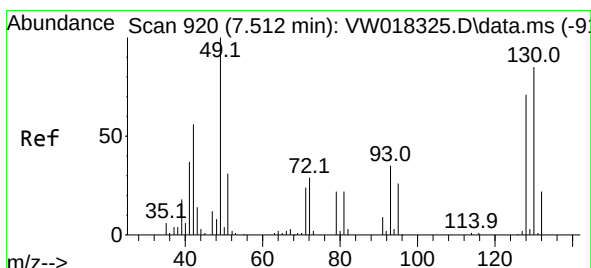
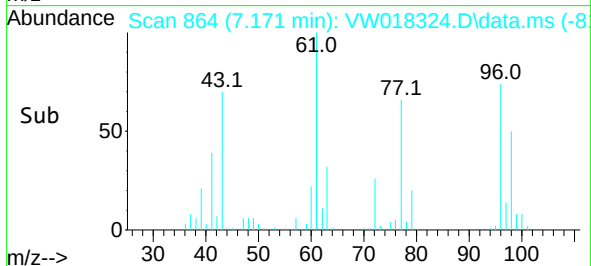
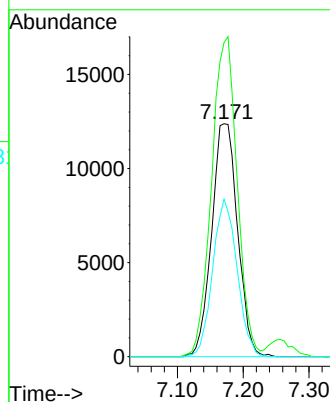
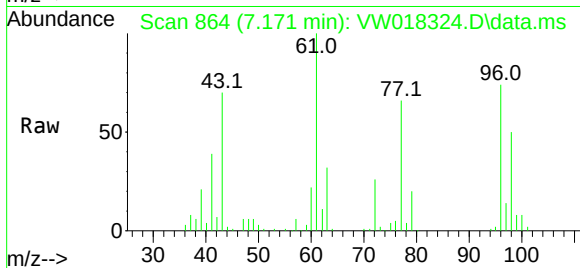
Acq: 12 Mar 2021 18:25

Tgt Ion: 96	Resp: 33952
Ion Ratio	Lower Upper
96 100	
61 135.7	0.0 261.4
98 63.7	0.0 129.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



#28

Bromochloromethane

Concen: 25.23 ug/l

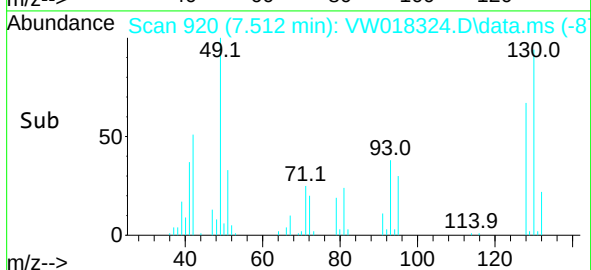
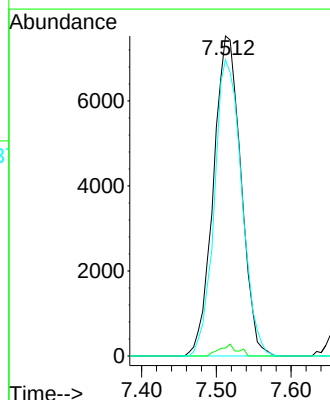
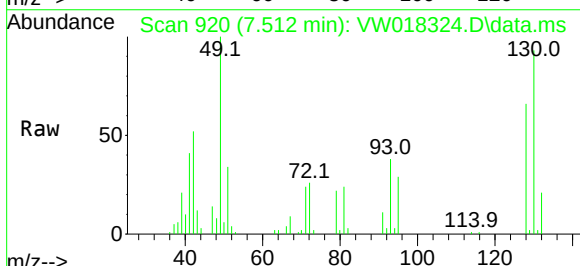
RT: 7.512 min Scan# 920

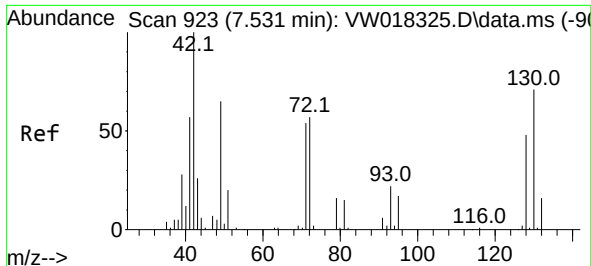
Delta R.T. -0.000 min

Lab File: VW018324.D

Acq: 12 Mar 2021 18:25

Tgt Ion: 49	Resp: 19262
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 5.0
130 92.0	73.9 110.9





#29

Tetrahydrofuran

Concen: 129.88 ug/l

RT: 7.530 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW018324.D

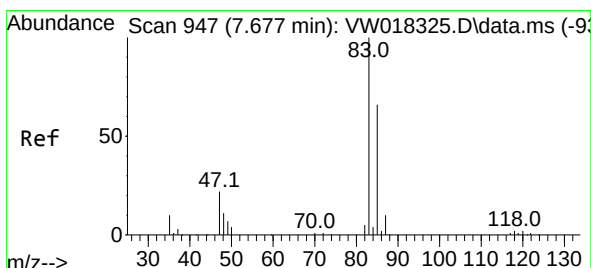
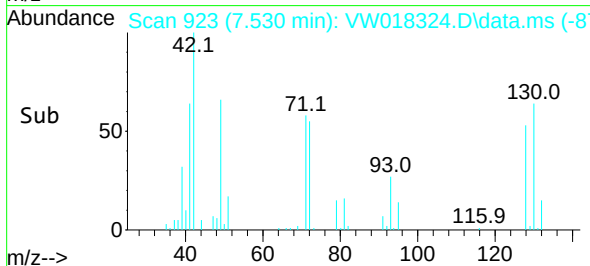
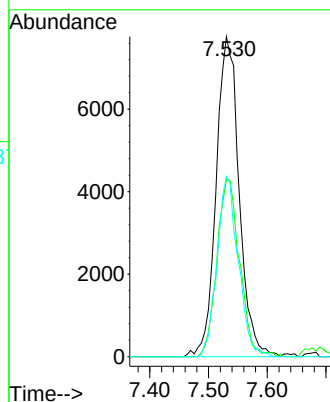
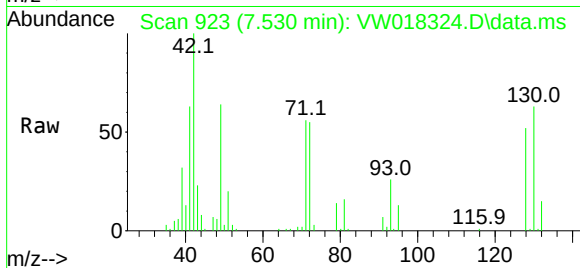
Acq: 12 Mar 2021 18:25

Tgt Ion:	42	Resp:	21073
Ion	Ratio	Lower	Upper
42	100		
72	54.8	44.5	66.7
71	51.8	41.7	62.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



#30

Chloroform

Concen: 26.96 ug/l

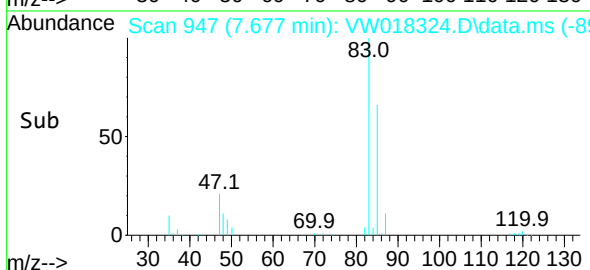
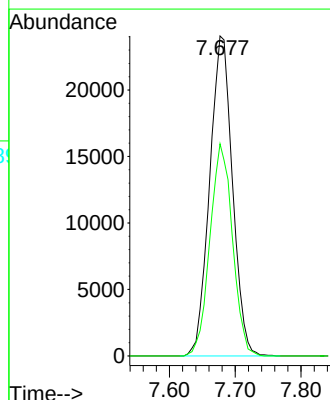
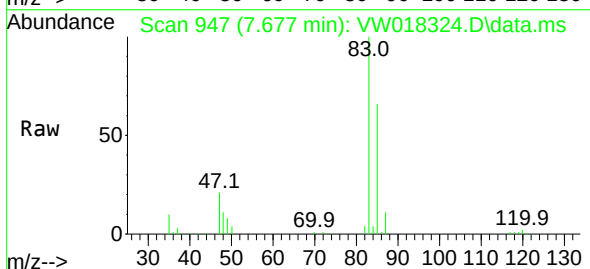
RT: 7.677 min Scan# 947

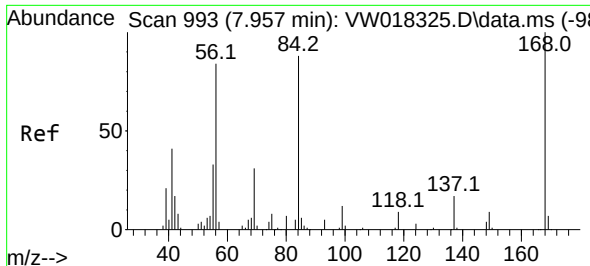
Delta R.T. -0.000 min

Lab File: VW018324.D

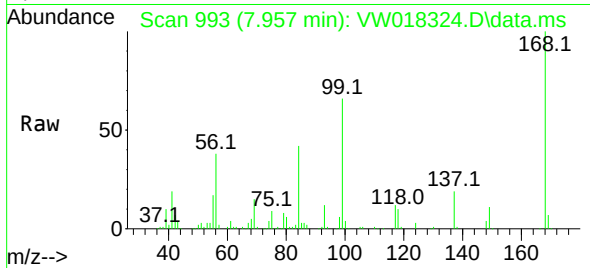
Acq: 12 Mar 2021 18:25

Tgt Ion:	83	Resp:	58078
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	78.8



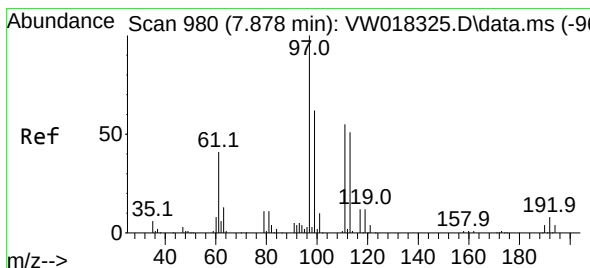
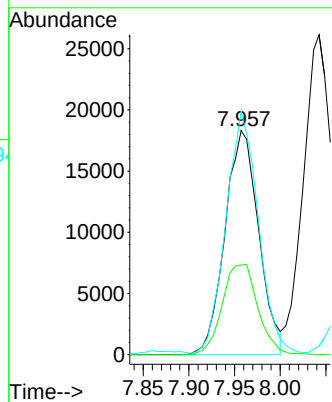
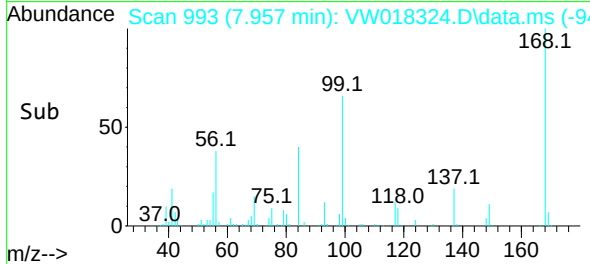


#31
Cyclohexane
Concen: 25.14 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

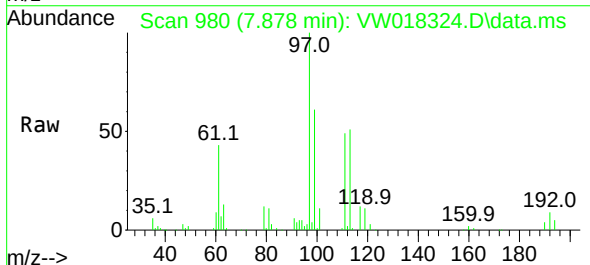


Tgt Ion: 56 Resp: 47038

Ion	Ratio	Lower	Upper
56	100		
69	40.0	29.9	44.9
84	107.2	83.8	125.6

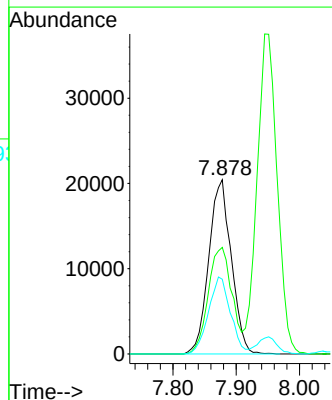
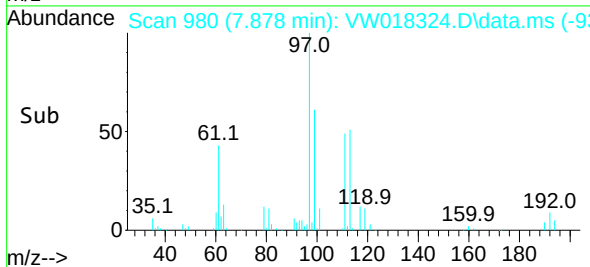


#32
1,1,1-Trichloroethane
Concen: 28.78 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion: 97 Resp: 50511

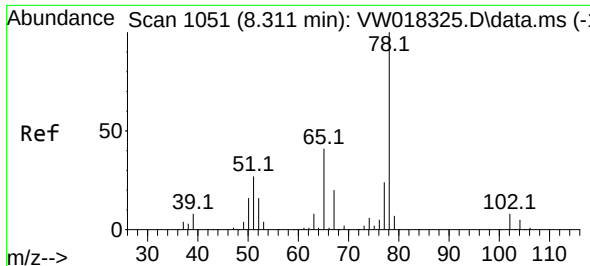
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	43.0	34.6	52.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



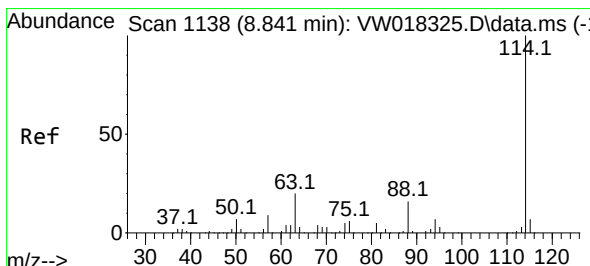
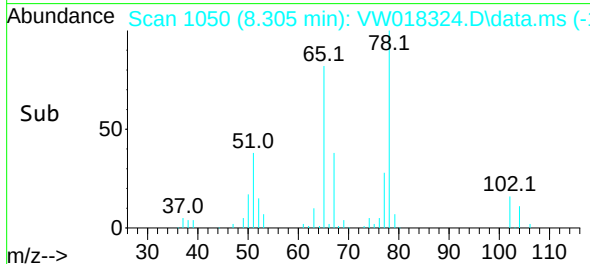
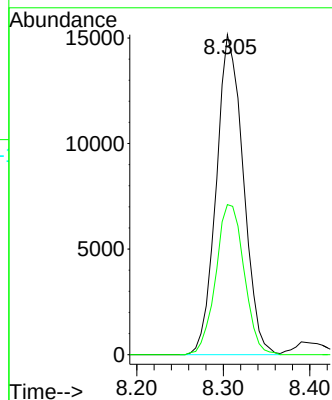
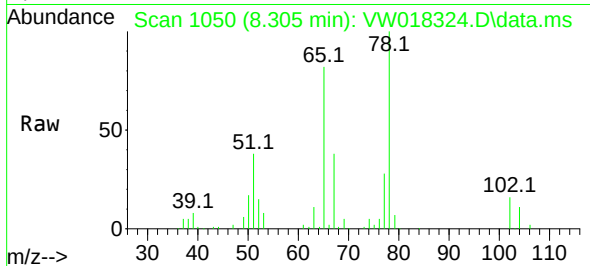
#33
1,2-Dichloroethane-d4
Concen: 31.43 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 65 Resp: 32850
Ion Ratio Lower Upper
65 100
67 49.1 0.0 96.6

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

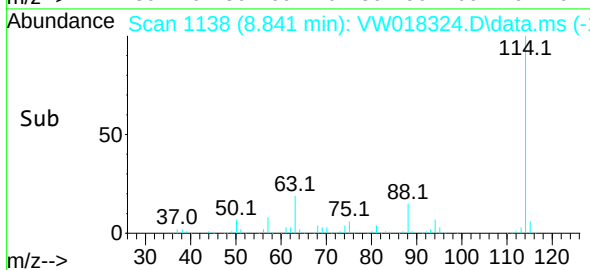
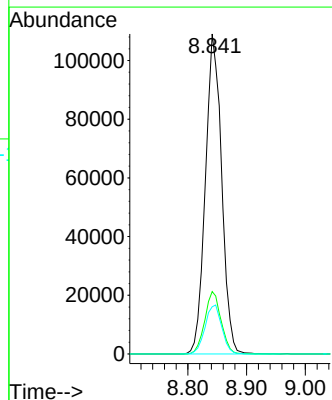
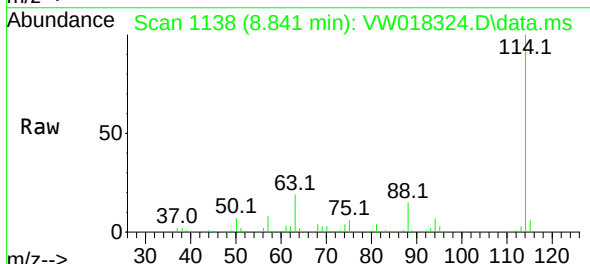
Manual Integrations
APPROVED

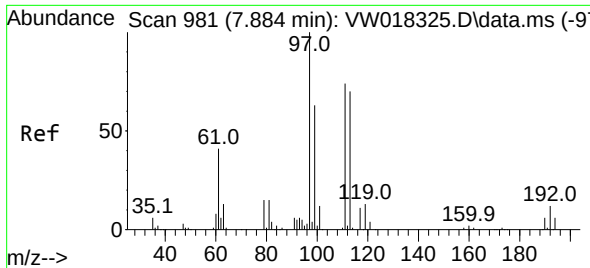
MMDadoda
3/15/2021 12:40:24 PM



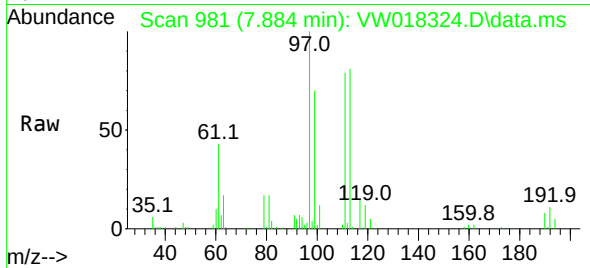
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 114 Resp: 208837
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.4
88 14.7 0.0 32.0

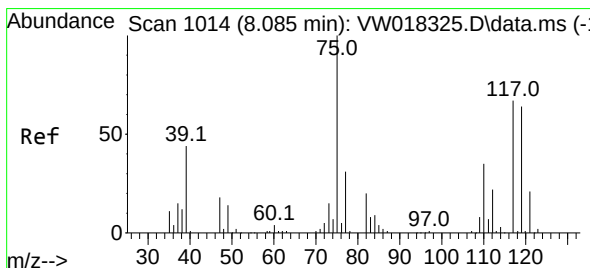
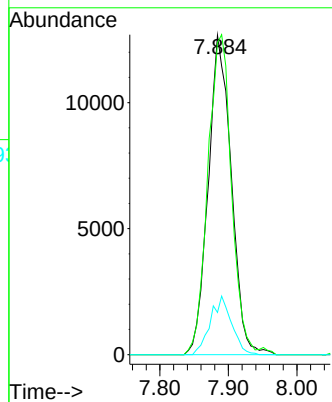
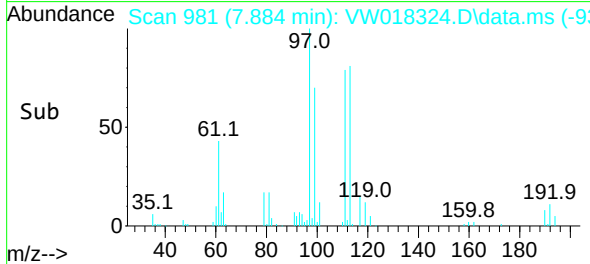




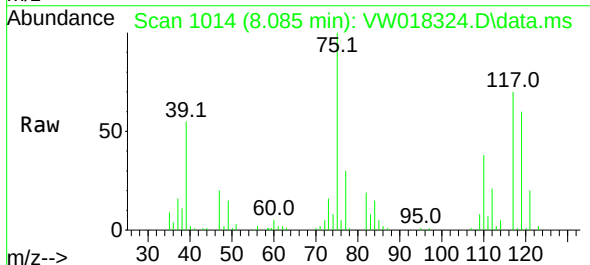
#35
Dibromofluoromethane
Concen: 22.38 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



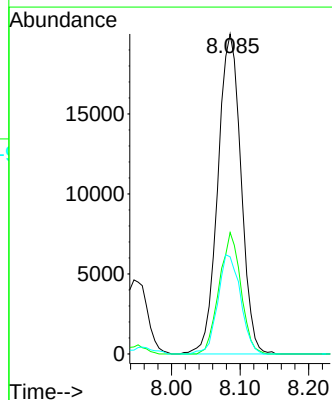
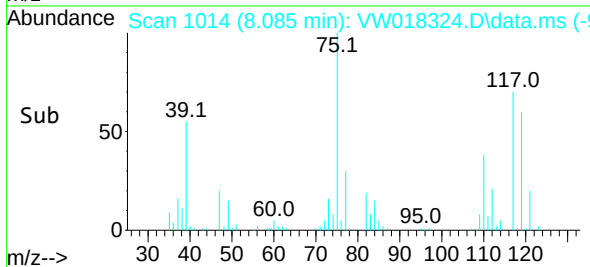
Tgt Ion: 113 Resp: 29627
Ion Ratio Lower Upper
113 100
111 102.2 83.6 125.4
192 16.9 13.8 20.8



#36
1,1-Dichloropropene
Concen: 23.14 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



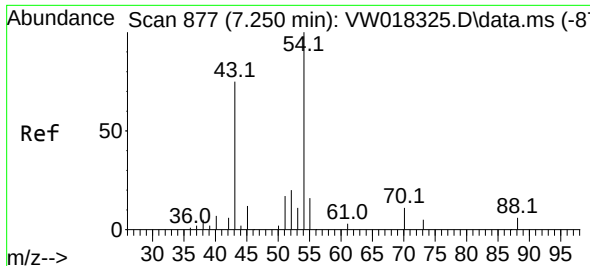
Tgt Ion: 75 Resp: 46770
Ion Ratio Lower Upper
75 100
110 35.5 17.2 51.6
77 30.5 24.6 37.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



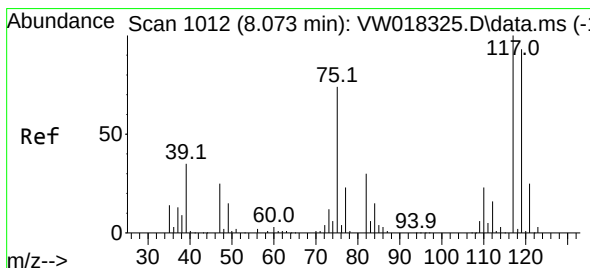
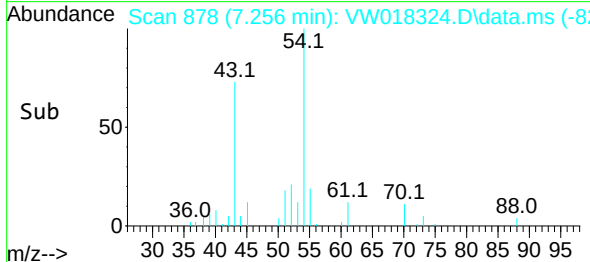
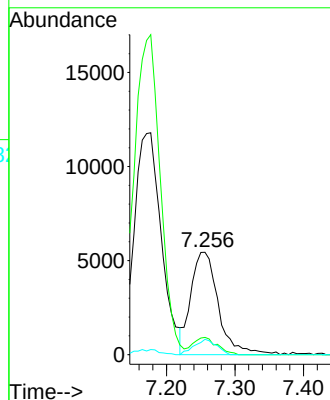
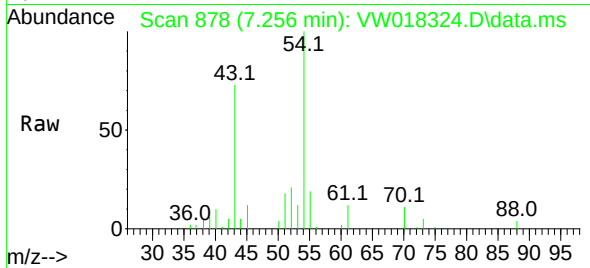
#37
Ethyl Acetate
Concen: 22.14 ug/l
RT: 7.256 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 15240
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 12.1 9.8 14.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

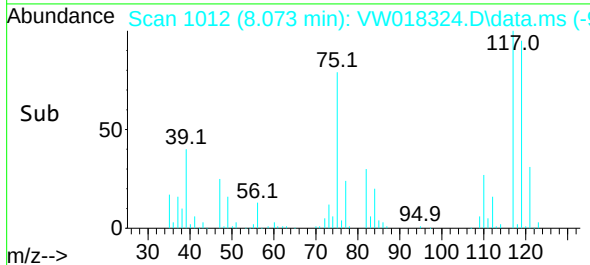
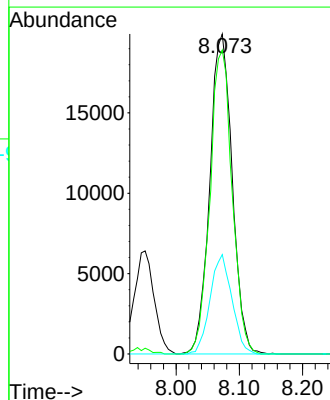
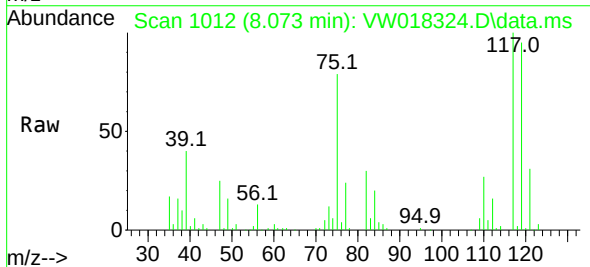
Manual Integrations
APPROVED

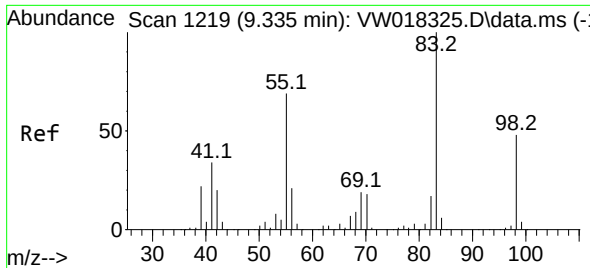
MMDadoda
3/15/2021 12:40:24 PM



#38
Carbon Tetrachloride
Concen: 24.02 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 117 Resp: 48992
Ion Ratio Lower Upper
117 100
119 95.0 74.5 111.7
121 31.1 20.3 30.5#





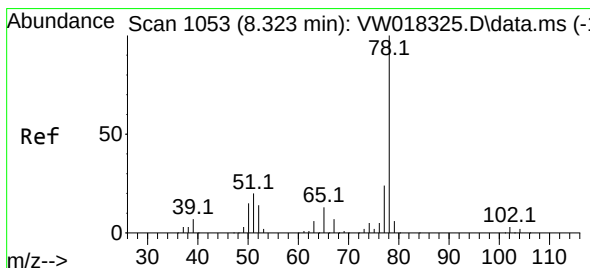
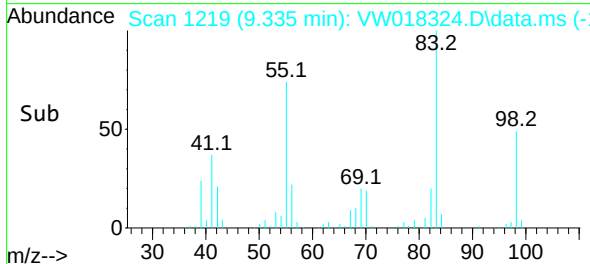
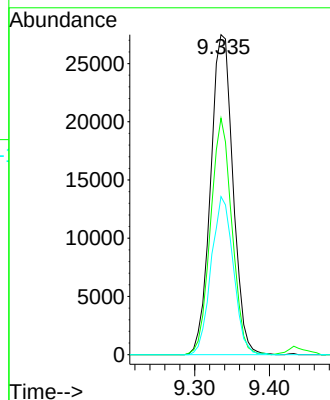
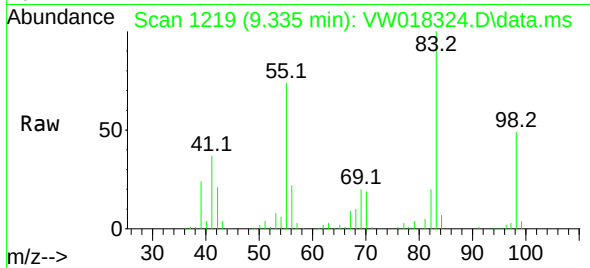
#39
Methylcyclohexane
Concen: 22.24 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 83	Resp: 57130
Ion Ratio	Lower Upper
83	100
55	73.9 55.0 82.6
98	49.4 38.6 57.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

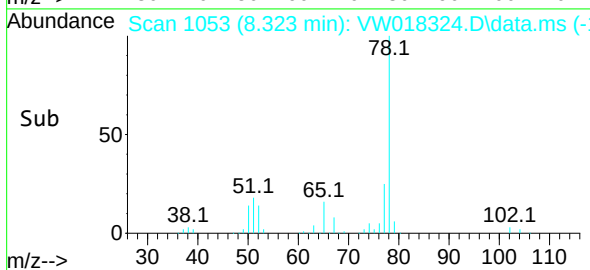
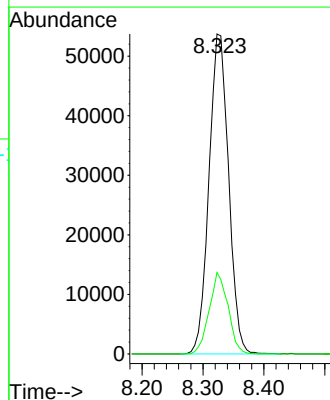
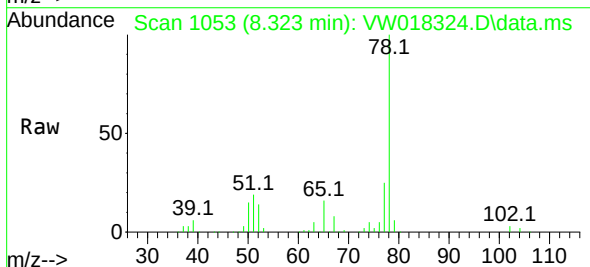
Manual Integrations
APPROVED

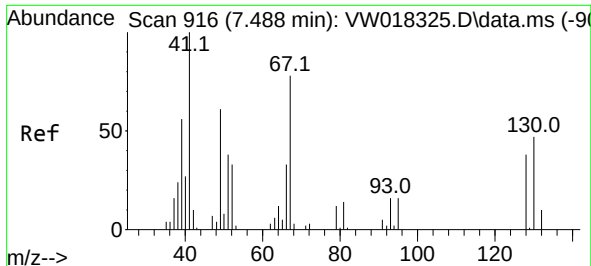
MMDadoda
3/15/2021 12:40:24 PM



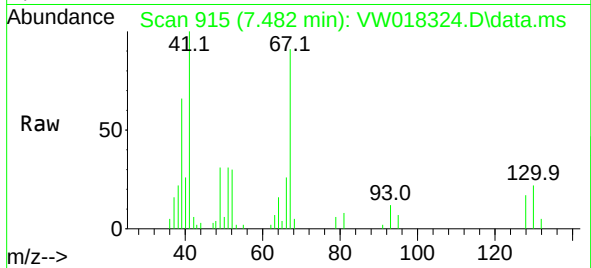
#40
Benzene
Concen: 21.45 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 78	Resp: 120302
Ion Ratio	Lower Upper
78	100
77	25.4 19.5 29.3

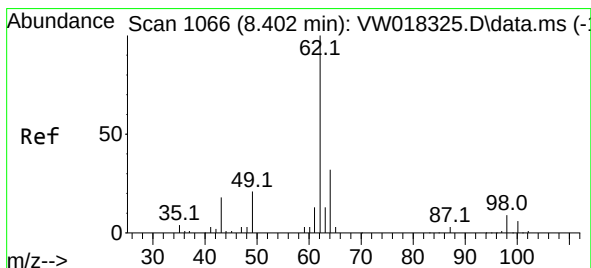
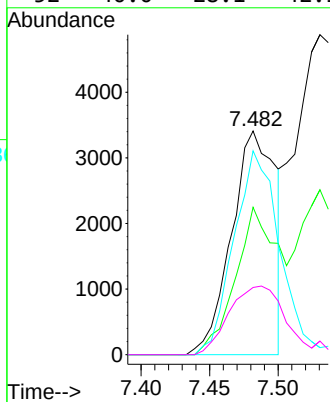
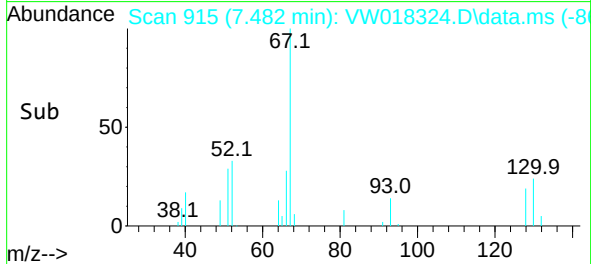




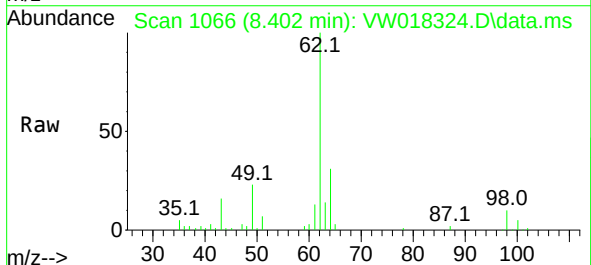
#41
Methacrylonitrile
Concen: 19.08 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



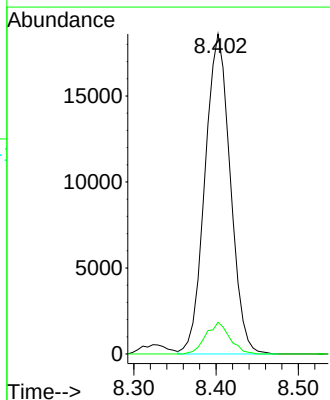
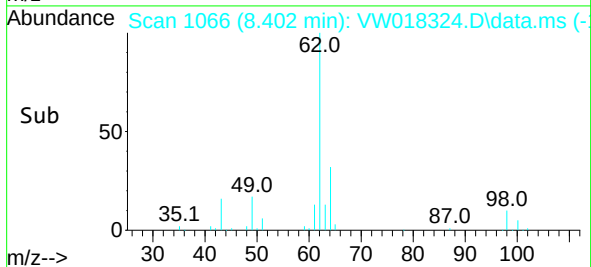
Tgt Ion:	41	Resp:	7622
Ion Ratio	Lower	Upper	
41	100		
39	64.6	44.6	67.0
67	94.8	66.1	99.1
52	40.0	28.1	42.1



#42
1,2-Dichloroethane
Concen: 25.86 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



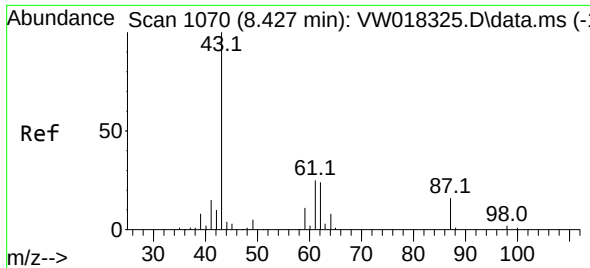
Tgt Ion:	62	Resp:	39787
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	17.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



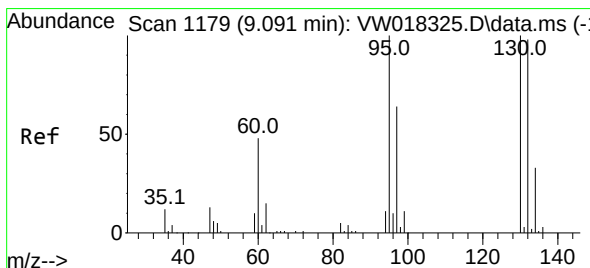
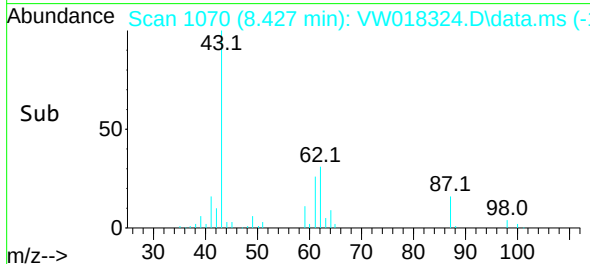
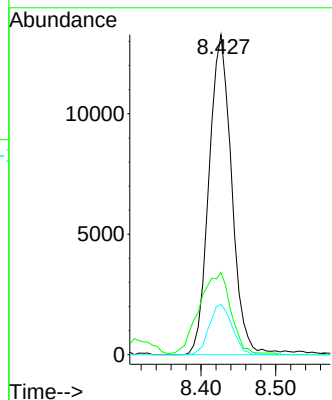
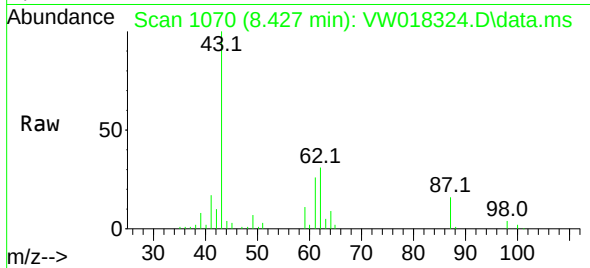
#43
Isopropyl Acetate
Concen: 21.81 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43	Resp: 27918
Ion Ratio	Lower Upper
43 100	
61 36.2	29.0 43.4
87 15.9	13.0 19.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

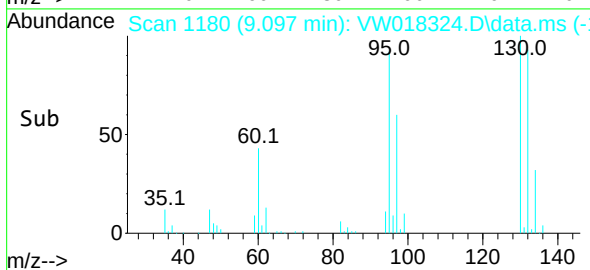
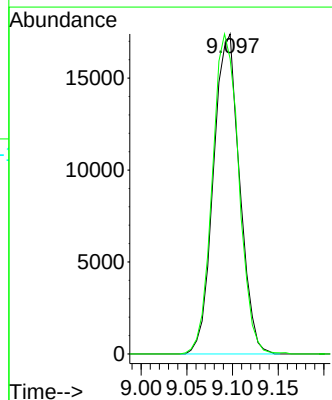
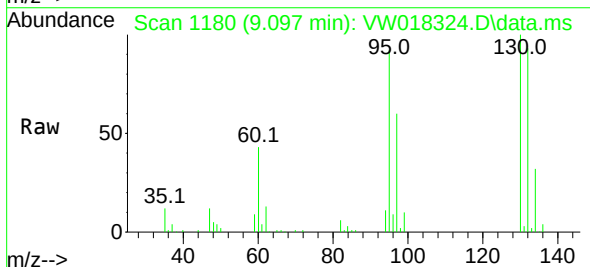
Manual Integrations
APPROVED

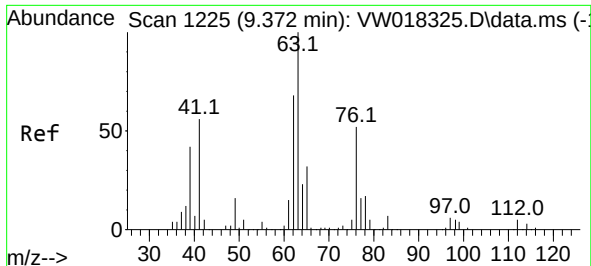
MMDadoda
3/15/2021 12:40:24 PM



#44
Trichloroethene
Concen: 20.39 ug/l
RT: 9.097 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:130	Resp:	34599	
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 21.11 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW018324.D

Acq: 12 Mar 2021 18:25

Tgt Ion: 63 Resp: 27390

Ion Ratio Lower Upper

63 100

65 28.9 25.4 38.2

Instrument :

MSVOA_W

ClientSampleId :

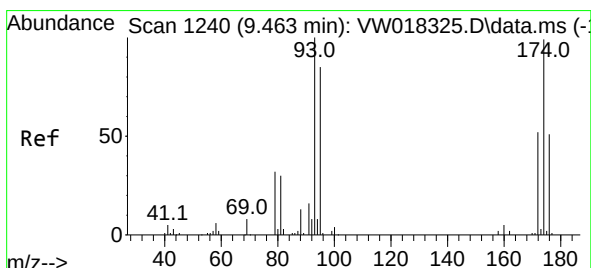
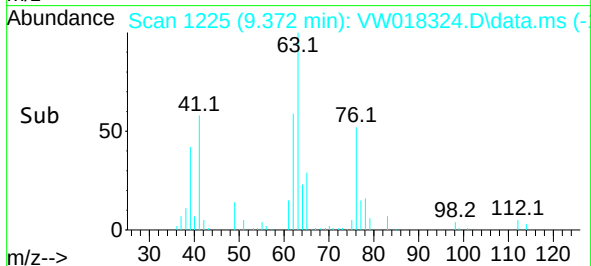
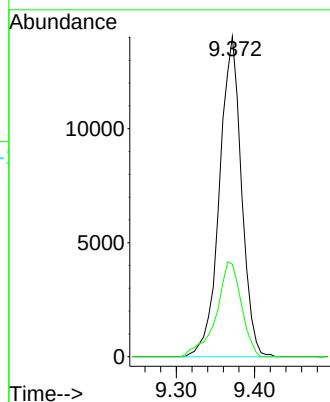
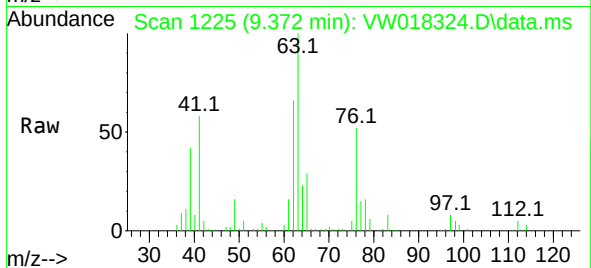
VSTDIC020

Manual Integrations

APPROVED

MMDadoda

3/15/2021 12:40:24 PM



#46

Dibromomethane

Concen: 23.71 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VW018324.D

Acq: 12 Mar 2021 18:25

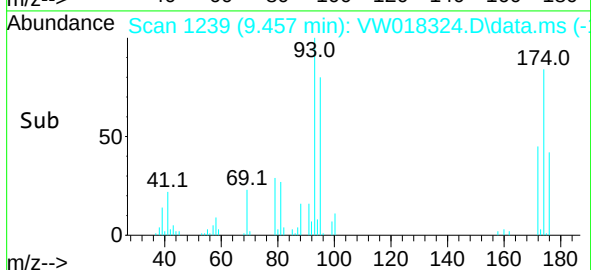
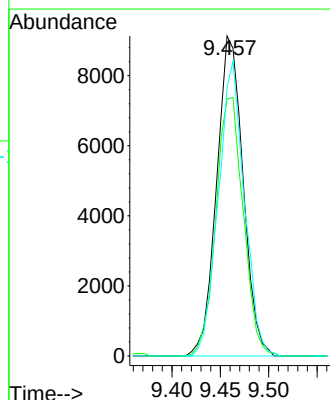
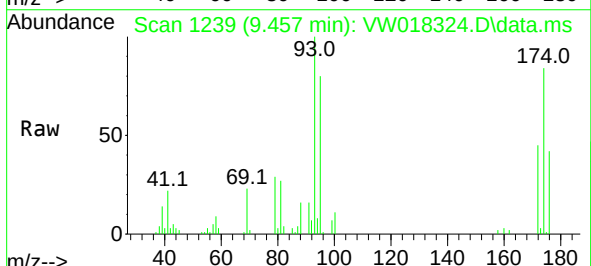
Tgt Ion: 93 Resp: 17347

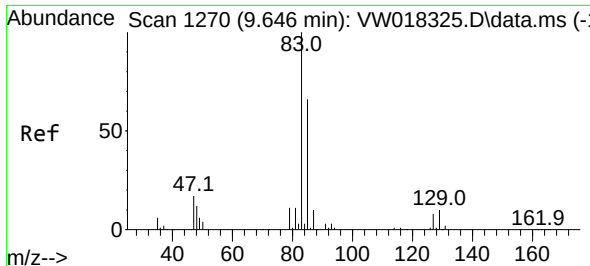
Ion Ratio Lower Upper

93 100

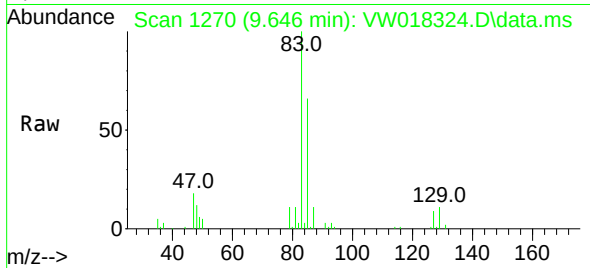
95 83.6 66.3 99.5

174 90.5 73.1 109.7



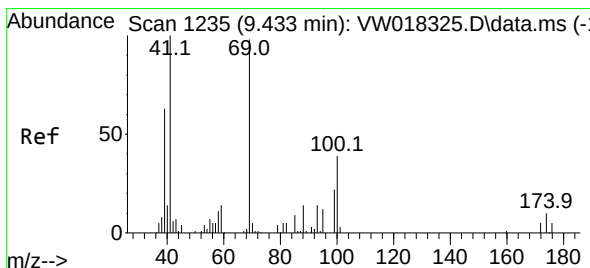
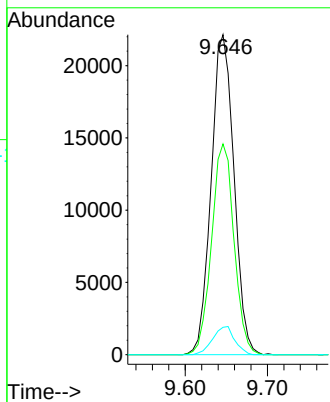
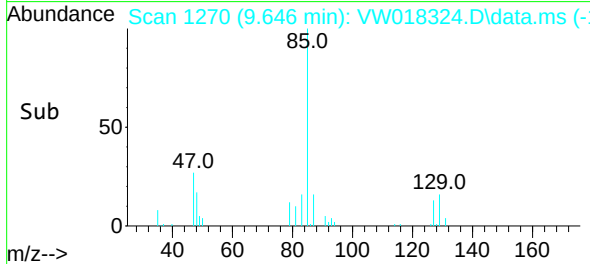


#47
Bromodichloromethane
Concen: 22.81 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

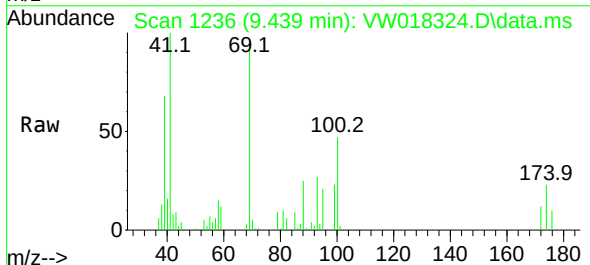


Tgt Ion: 83 Resp: 42587

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.1	79.7
127	8.6	6.3	9.5

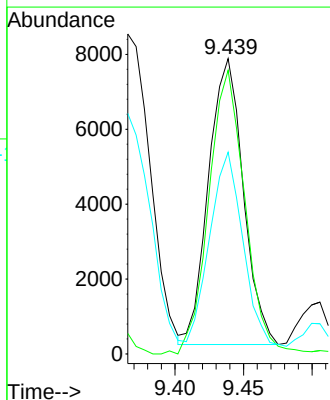
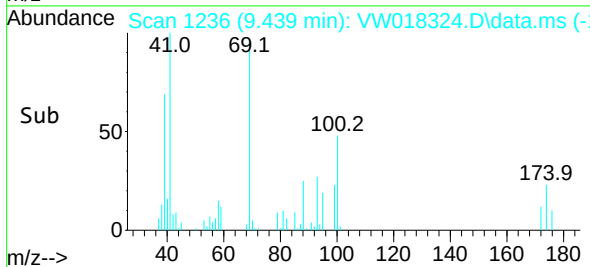


#48
Methyl methacrylate
Concen: 20.85 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion: 41 Resp: 13475

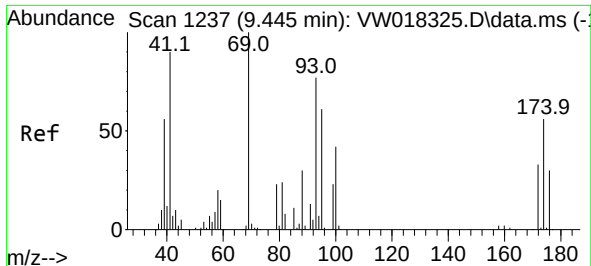
Ion	Ratio	Lower	Upper
41	100		
69	103.3	82.1	123.1
39	65.3	50.4	75.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



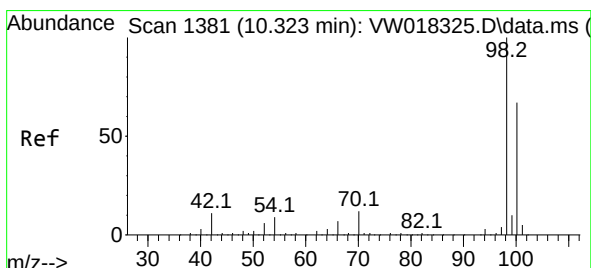
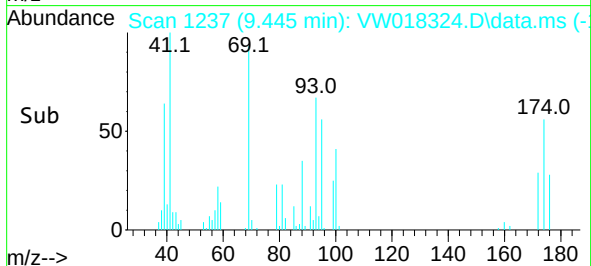
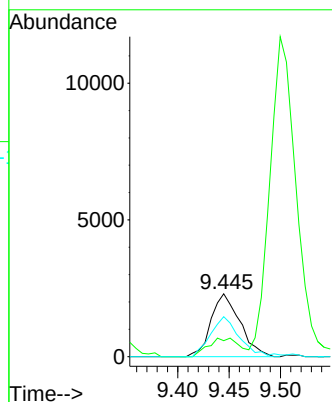
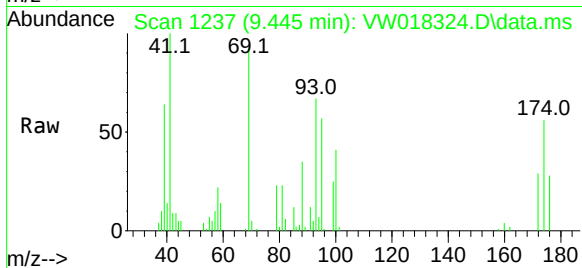
#49
1,4-Dioxane
Concen: 472.48 ug/l
RT: 9.445 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 88 Resp: 4500
Ion Ratio Lower Upper
88 100
43 32.2 25.5 38.3
58 65.5 51.3 76.9

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

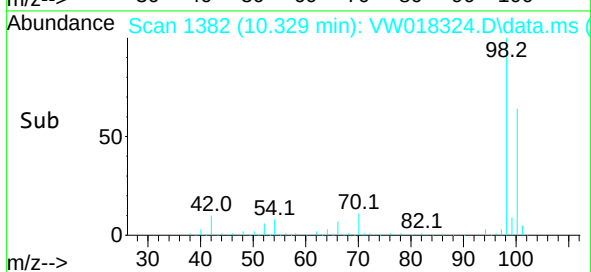
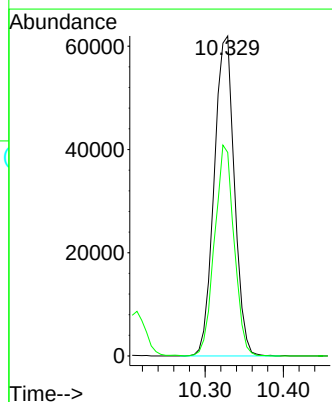
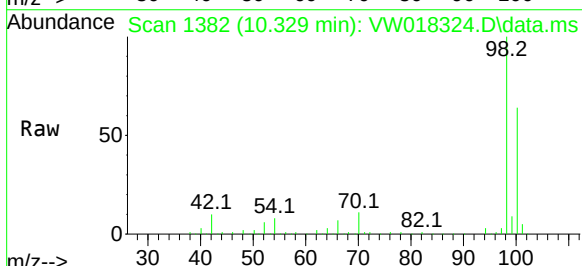
Manual Integrations
APPROVED

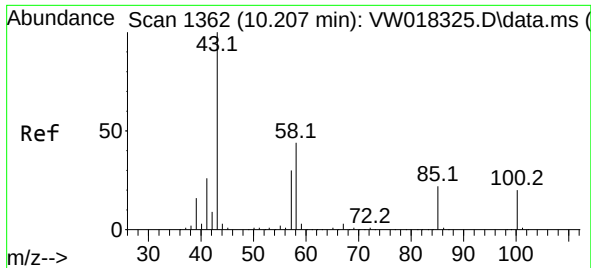
MMDadoda
3/15/2021 12:40:24 PM



#50
Toluene-d8
Concen: 22.23 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 98 Resp: 111094
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8





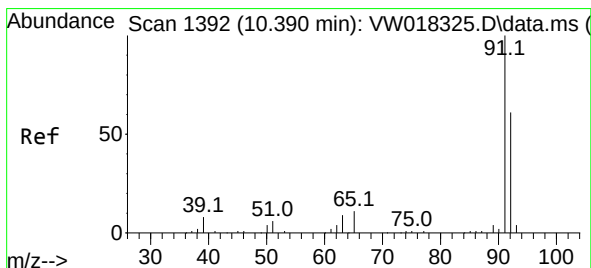
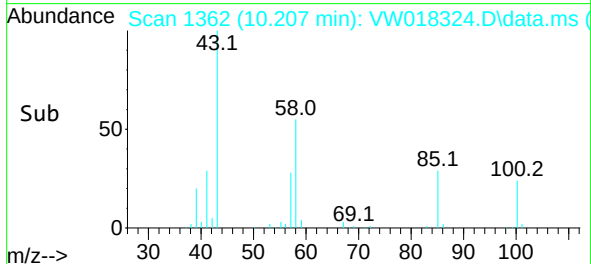
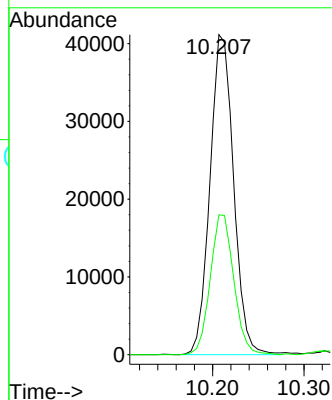
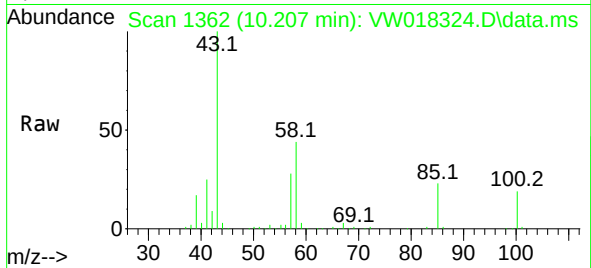
#51
4-Methyl-2-Pentanone
Concen: 113.51 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 73943
Ion Ratio Lower Upper
43 100
58 43.5 35.4 53.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

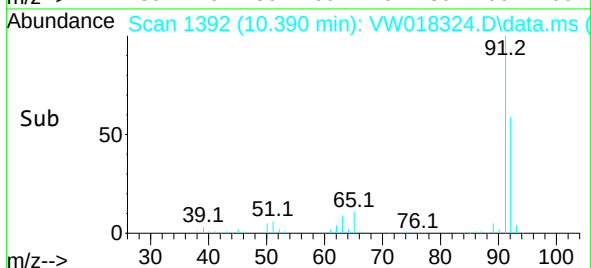
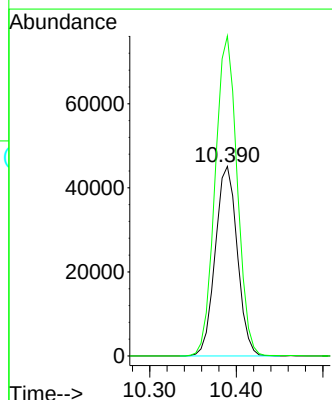
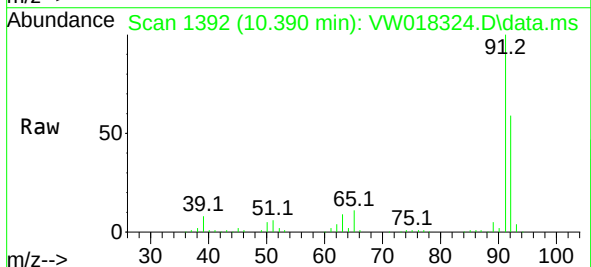
Manual Integrations
APPROVED

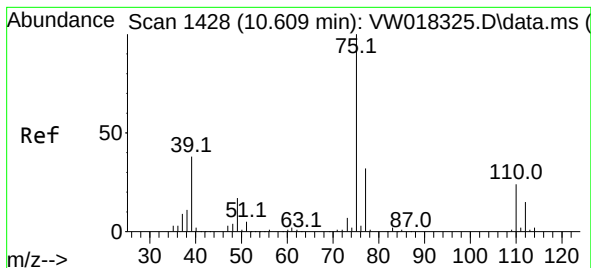
MMDadoda
3/15/2021 12:40:24 PM



#52
Toluene
Concen: 21.47 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 92 Resp: 79615
Ion Ratio Lower Upper
92 100
91 169.0 136.6 205.0





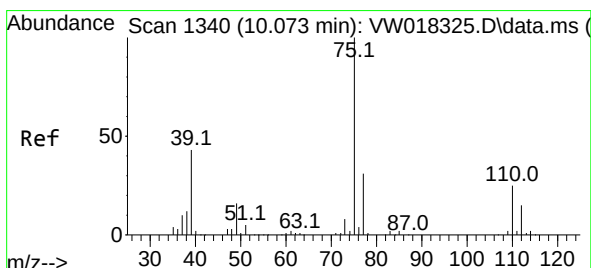
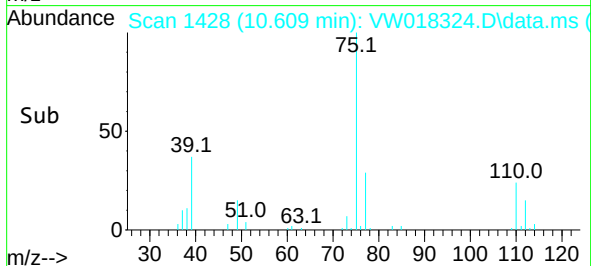
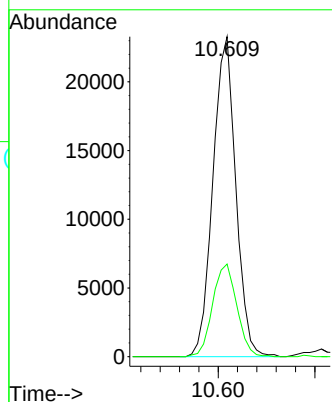
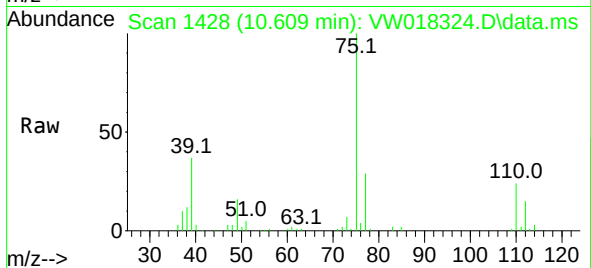
#53
t-1,3-Dichloropropene
Concen: 21.66 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 75 Resp: 38181
Ion Ratio Lower Upper
75 100
77 29.0 25.8 38.6

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

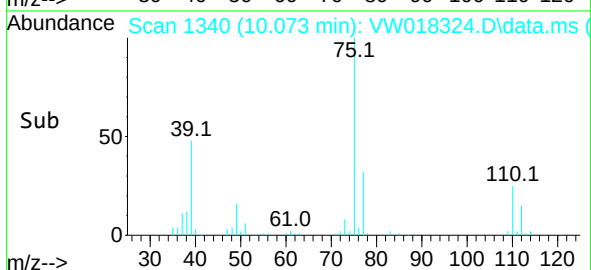
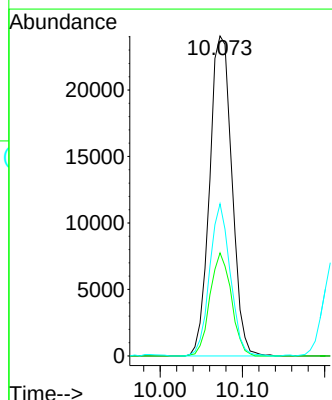
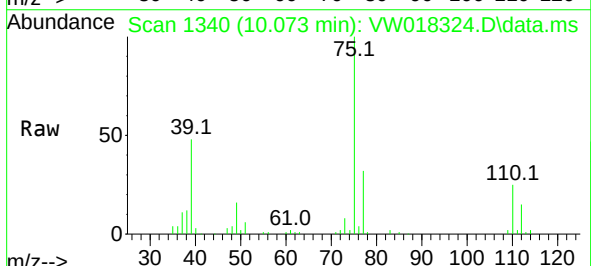
Manual Integrations
APPROVED

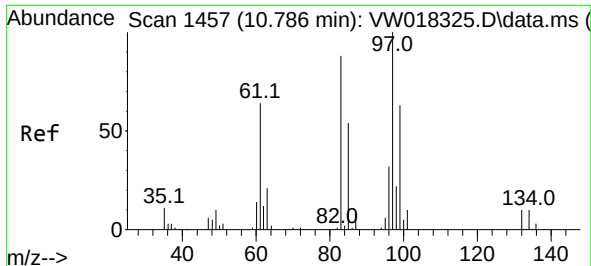
MMDadoda
3/15/2021 12:40:24 PM



#54
cis-1,3-Dichloropropene
Concen: 21.29 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 75 Resp: 45432
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3
39 47.5 34.6 51.8





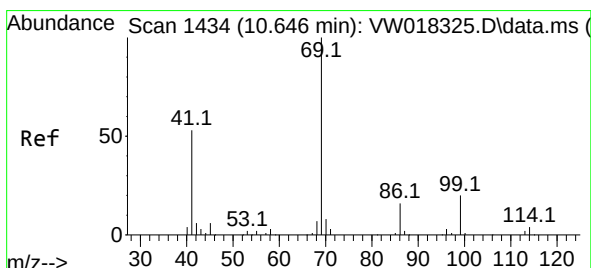
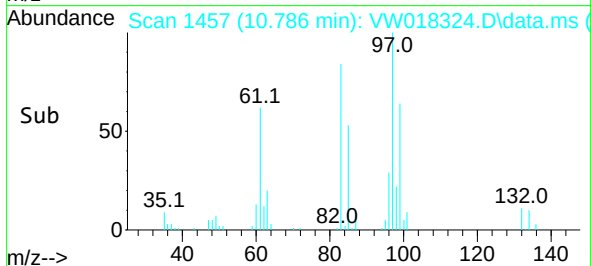
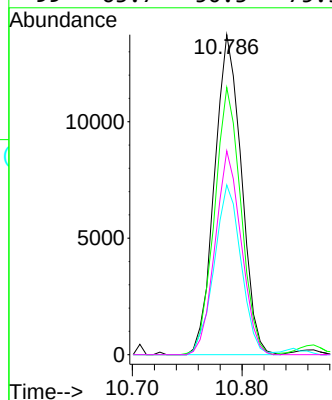
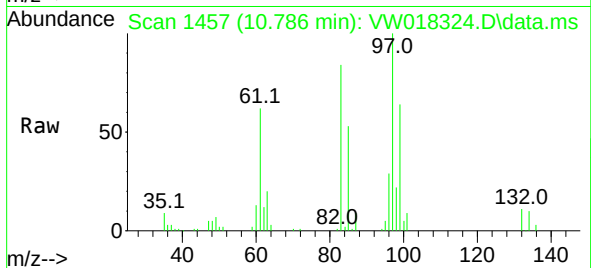
#55
1,1,2-Trichloroethane
Concen: 22.32 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 97	Resp: 23379
Ion Ratio	Lower Upper
97 100	
83 83.5	70.1 105.1
85 53.1	43.3 64.9
99 63.7	50.3 75.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

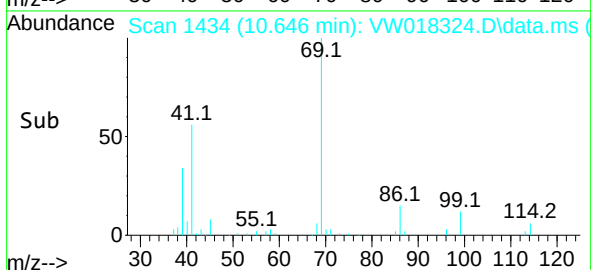
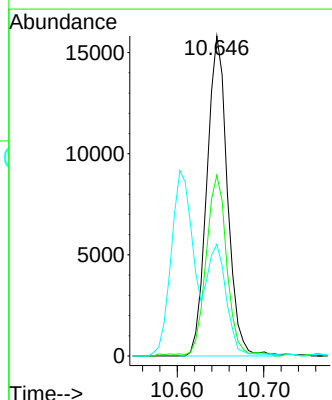
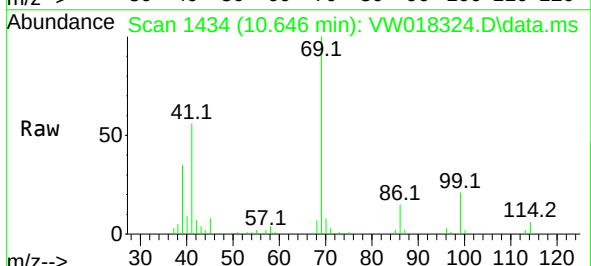
Manual Integrations
APPROVED

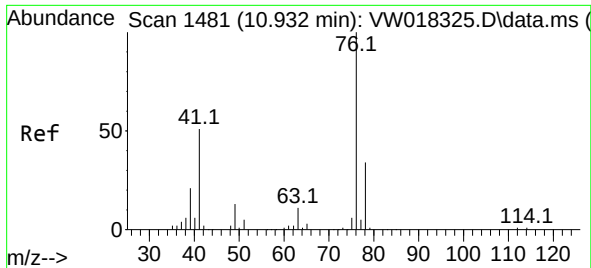
MMDadoda
3/15/2021 12:40:24 PM



#56
Ethyl methacrylate
Concen: 21.86 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 69	Resp: 26057
Ion Ratio	Lower Upper
69 100	
41 57.0	45.2 67.8
39 32.2	26.5 39.7





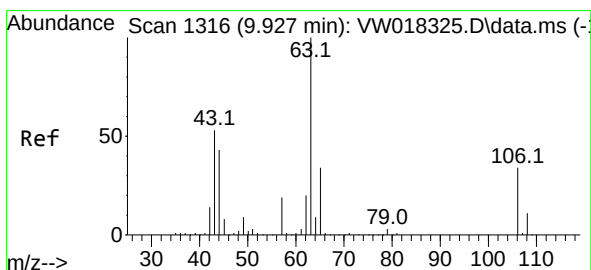
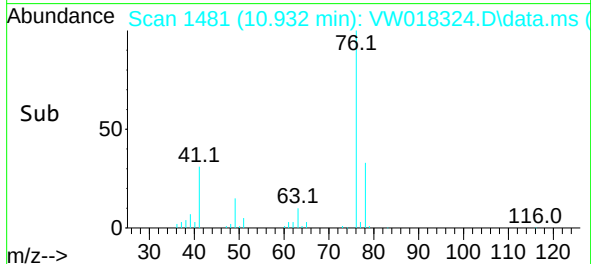
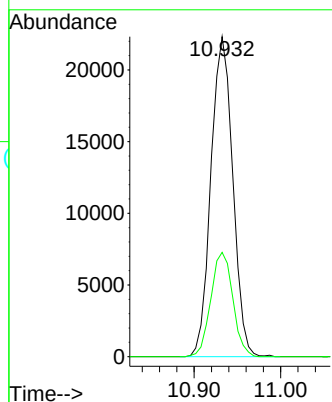
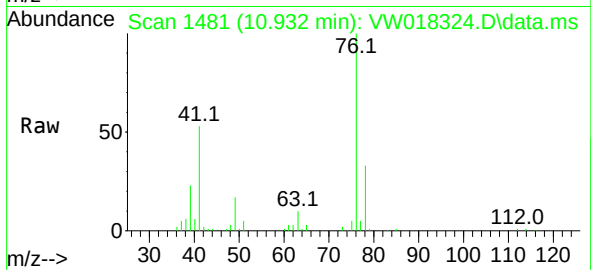
#57
1,3-Dichloropropane
Concen: 22.19 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 76 Resp: 39107
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

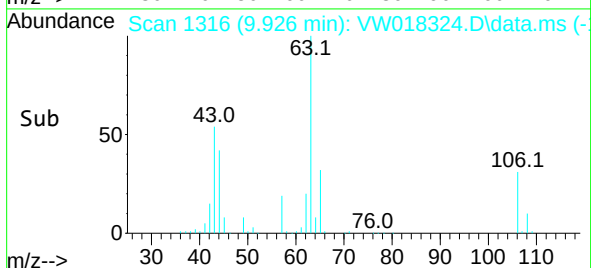
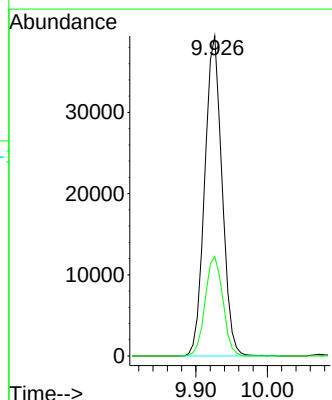
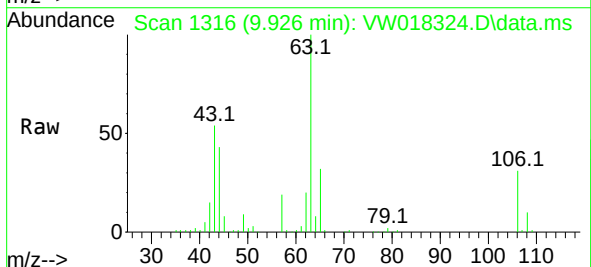
Manual Integrations
APPROVED

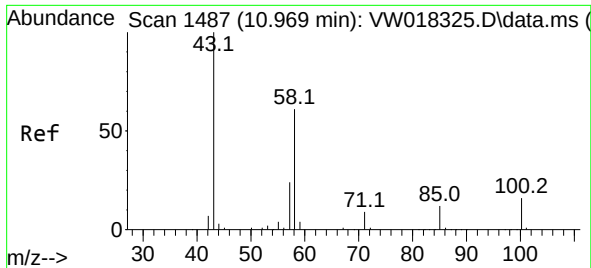
MMDadoda
3/15/2021 12:40:24 PM



#58
2-Chloroethyl Vinyl ether
Concen: 107.34 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 63 Resp: 66236
Ion Ratio Lower Upper
63 100
106 31.7 25.8 38.6





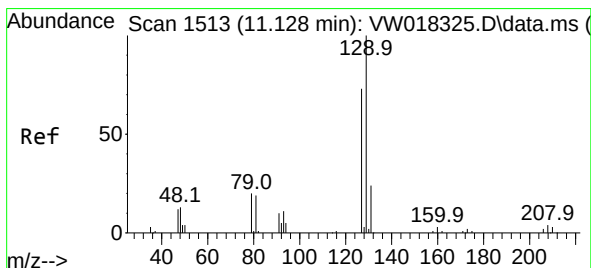
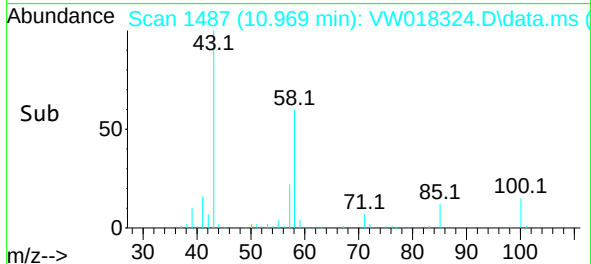
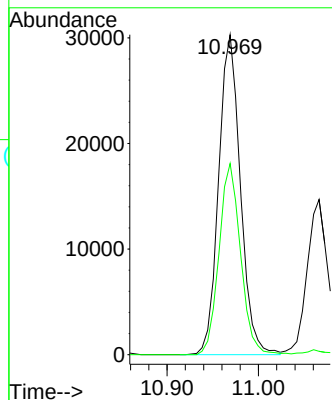
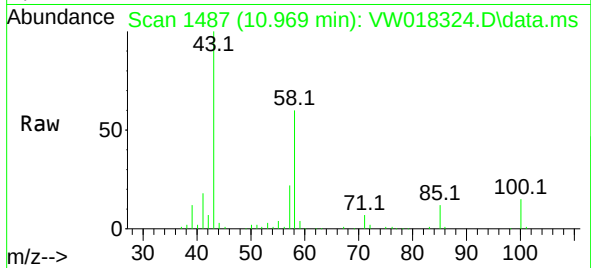
#59
2-Hexanone
Concen: 114.02 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 50128
Ion Ratio Lower Upper
43 100
58 59.2 30.6 92.0

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

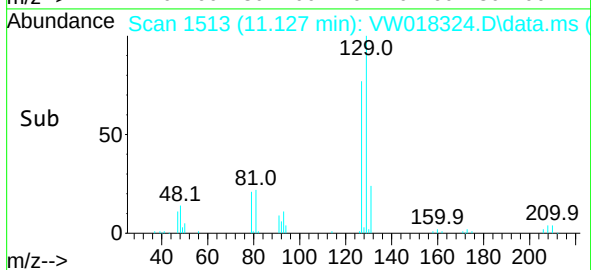
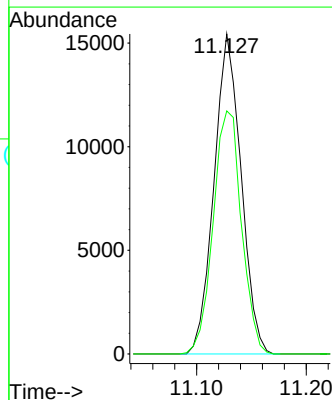
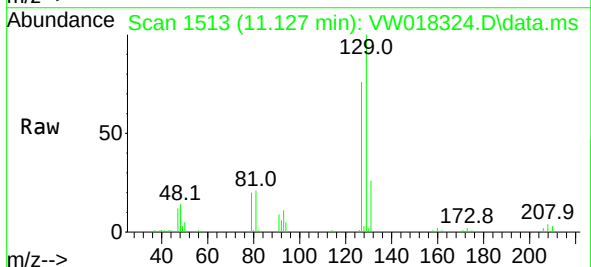
Manual Integrations
APPROVED

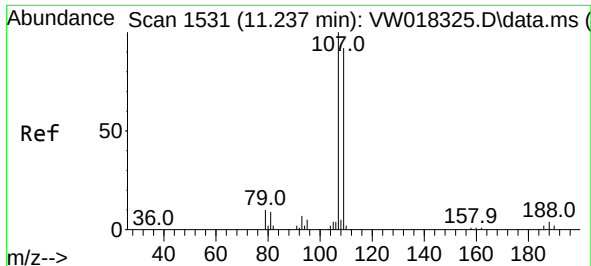
MMDadoda
3/15/2021 12:40:24 PM



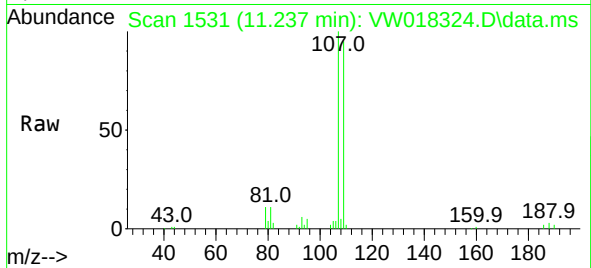
#60
Dibromochloromethane
Concen: 20.05 ug/l
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 129 Resp: 26500
Ion Ratio Lower Upper
129 100
127 79.5 37.9 113.7

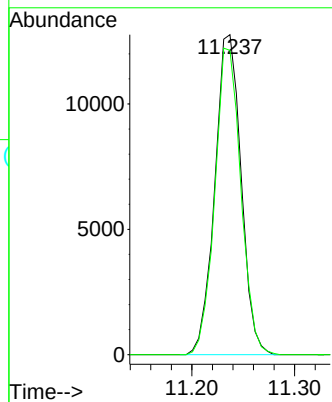
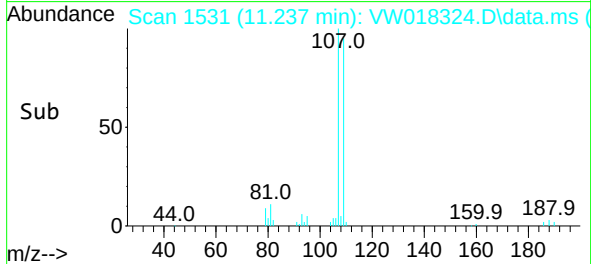




#61
1,2-Dibromoethane
Concen: 21.81 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



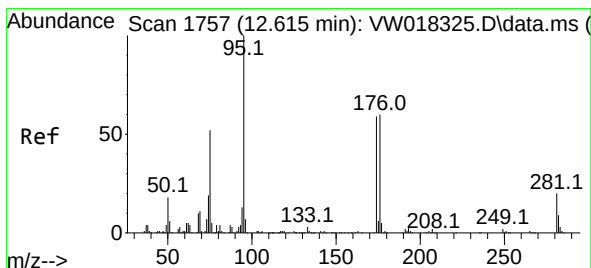
Tgt Ion: 107 Resp: 22642
Ion Ratio Lower Upper
107 100
109 95.0 76.4 114.6



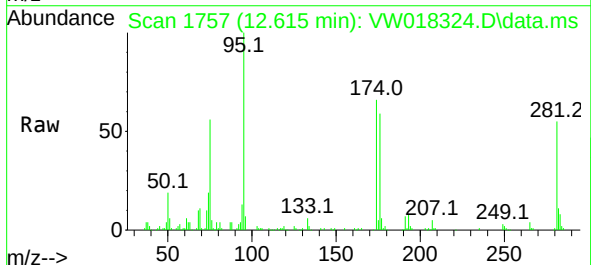
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

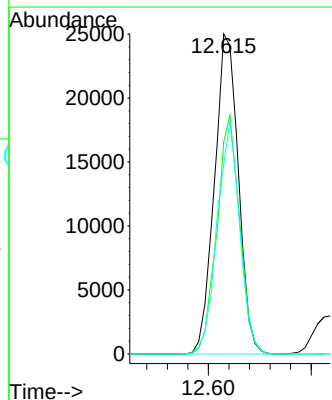
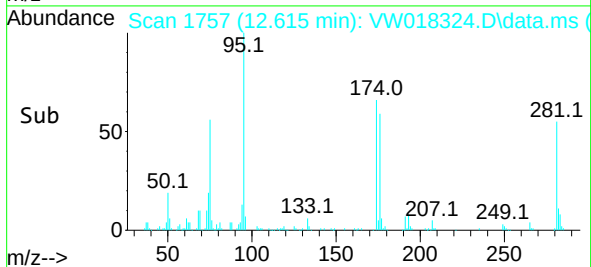
MMDadoda
3/15/2021 12:40:24 PM

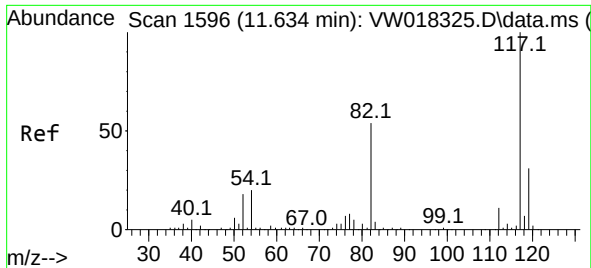


#62
4-Bromofluorobenzene
Concen: 22.06 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

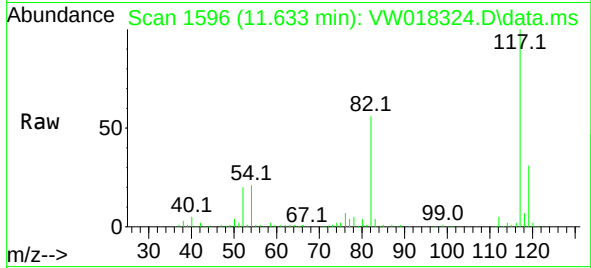


Tgt Ion: 95 Resp: 40341
Ion Ratio Lower Upper
95 100
174 71.4 0.0 132.8
176 68.3 0.0 131.4

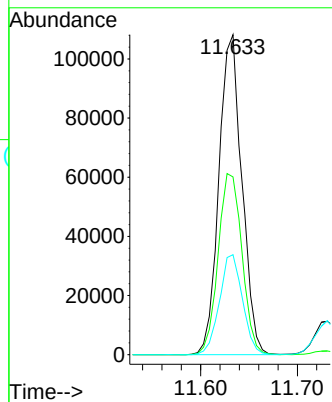
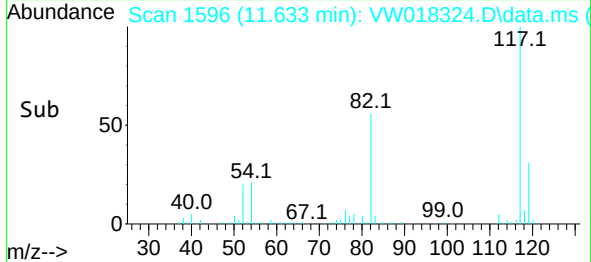




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



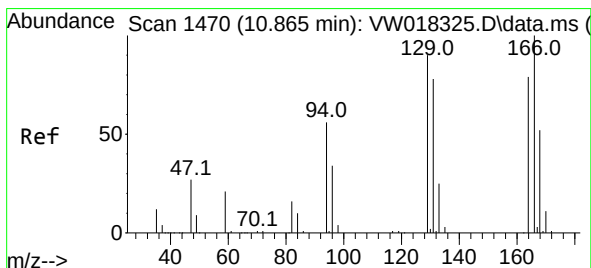
Tgt Ion:117 Resp: 178399
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 31.2 25.1 37.7



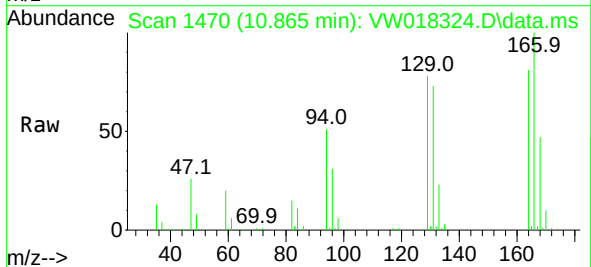
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

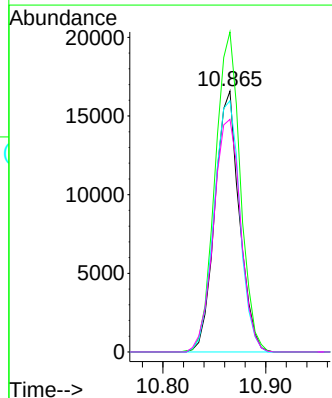
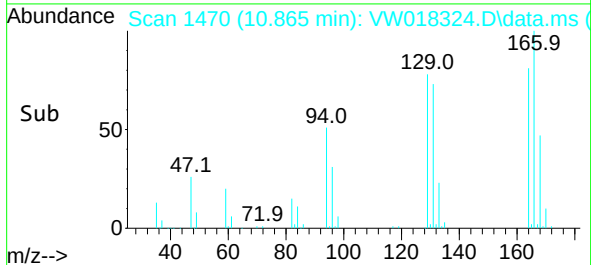
MMDadoda
3/15/2021 12:40:24 PM

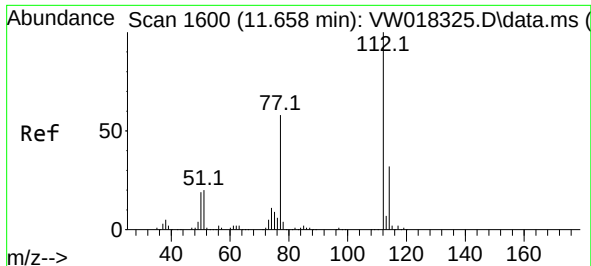


#64
Tetrachloroethene
Concen: 20.49 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion:164 Resp: 27293
Ion Ratio Lower Upper
164 100
166 122.7 101.3 151.9
129 96.3 90.7 136.1
131 89.2 79.0 118.4





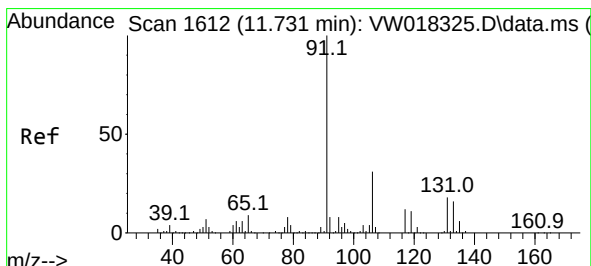
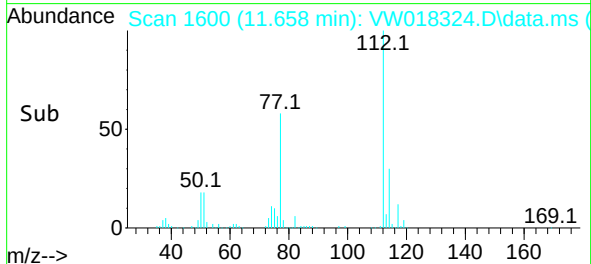
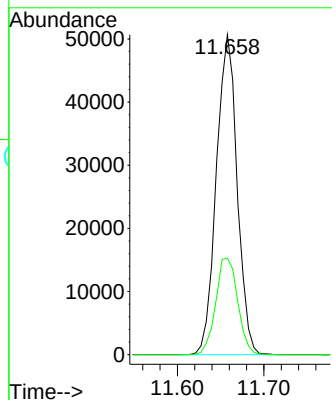
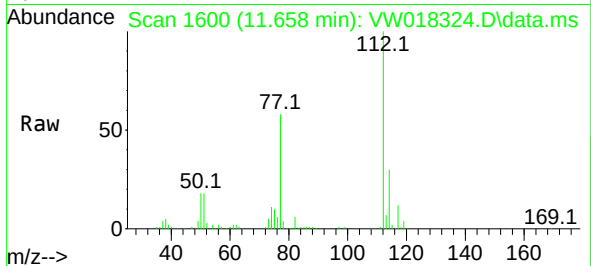
#65
Chlorobenzene
Concen: 22.01 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:112 Resp: 84549
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

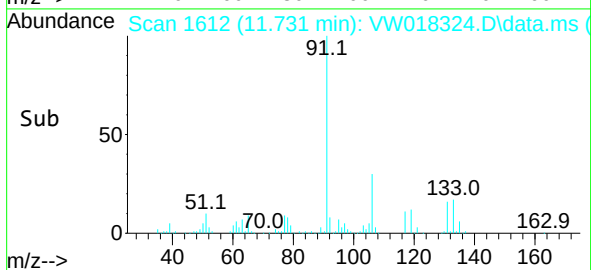
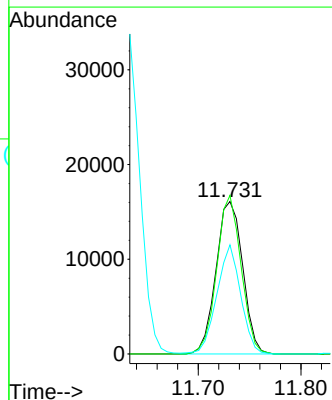
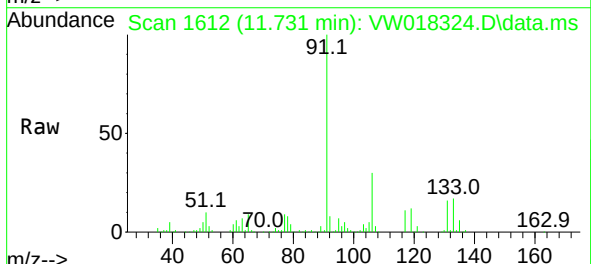
Manual Integrations
APPROVED

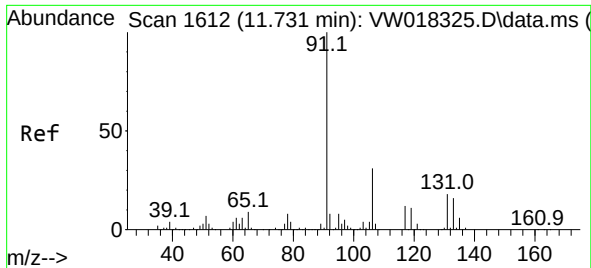
MMDadoda
3/15/2021 12:40:24 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.46 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

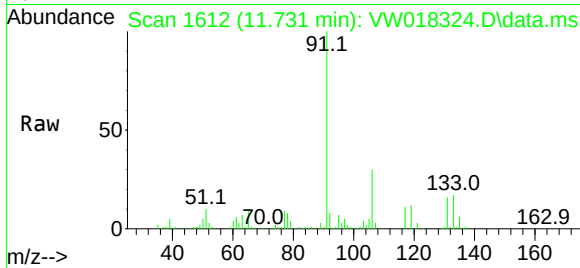
Tgt Ion:131 Resp: 29011
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.8
119 64.0 31.1 93.5





#67
Ethyl Benzene
Concen: 23.35 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

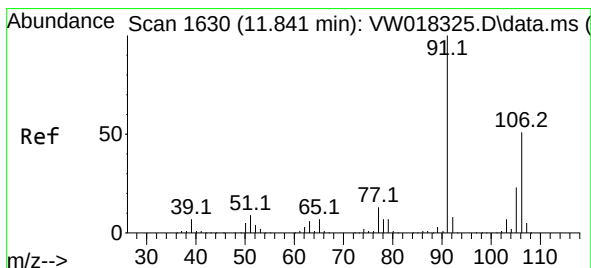
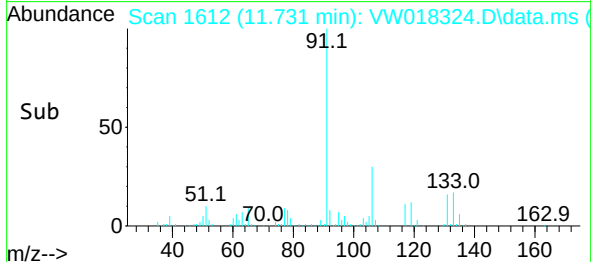
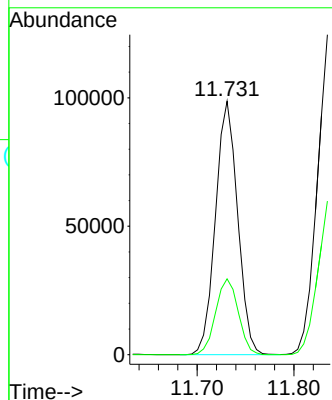
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 156924
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.6

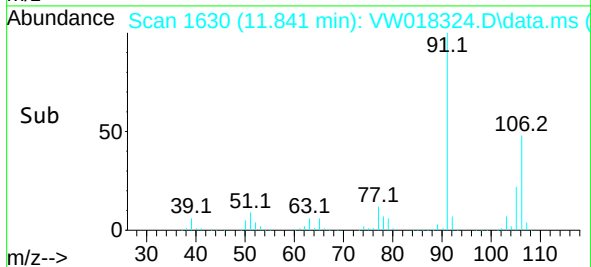
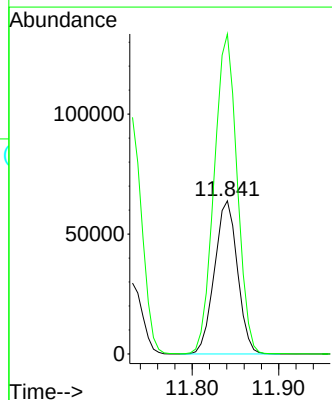
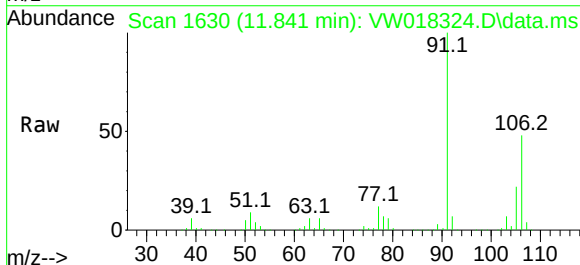
Manual Integrations
APPROVED

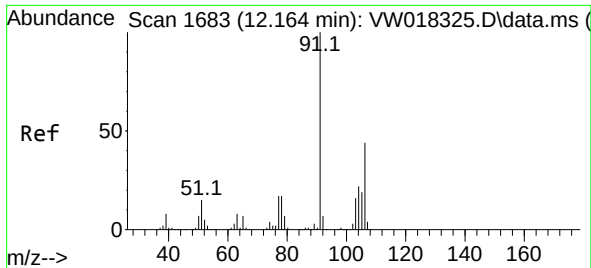
MMDadoda
3/15/2021 12:40:24 PM



#68
m/p-Xylenes
Concen: 45.14 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 106 Resp: 117563
Ion Ratio Lower Upper
106 100
91 209.1 165.5 248.3





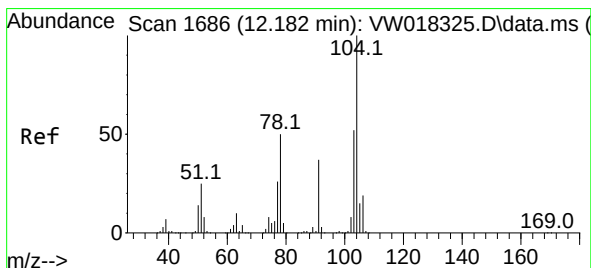
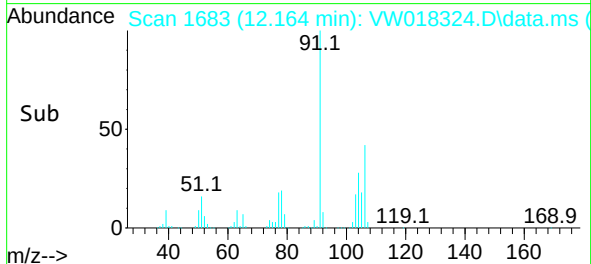
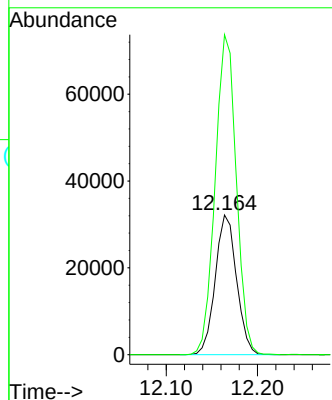
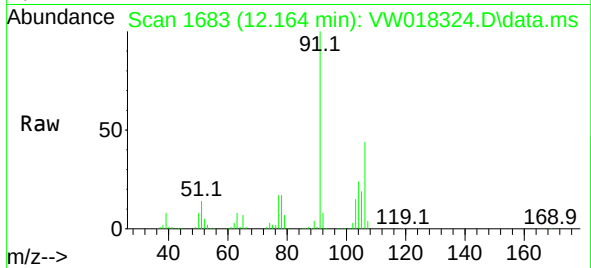
#69
o-Xylene
Concen: 21.56 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:106 Resp: 52169
Ion Ratio Lower Upper
106 100
91 227.2 111.3 333.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

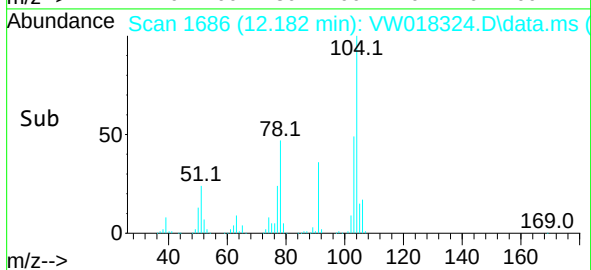
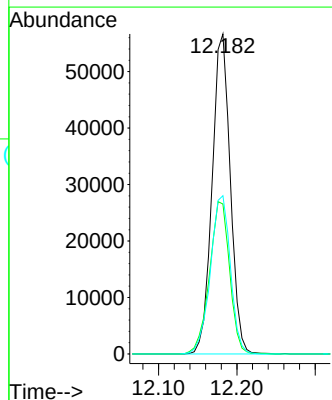
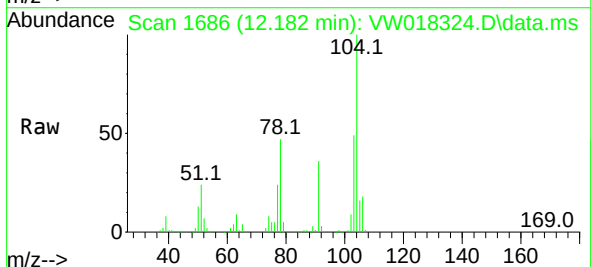
Manual Integrations
APPROVED

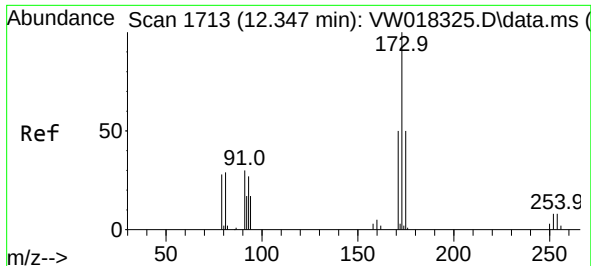
MMDadoda
3/15/2021 12:40:24 PM



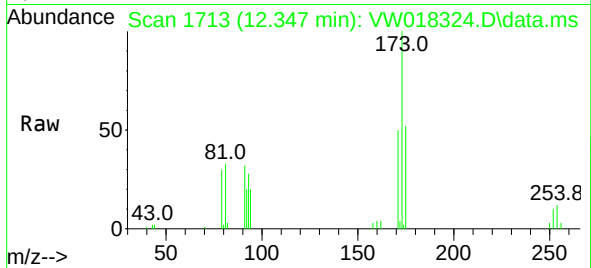
#70
Styrene
Concen: 22.52 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:104 Resp: 91323
Ion Ratio Lower Upper
104 100
78 52.7 43.2 64.8
103 54.4 44.4 66.6

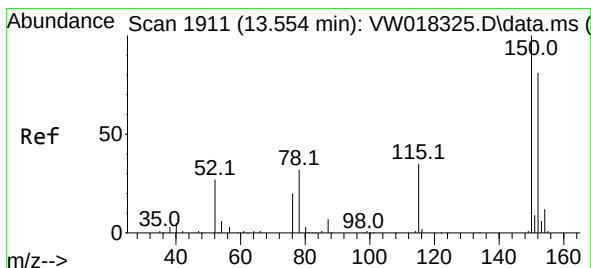
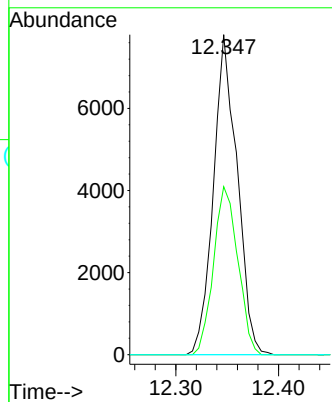
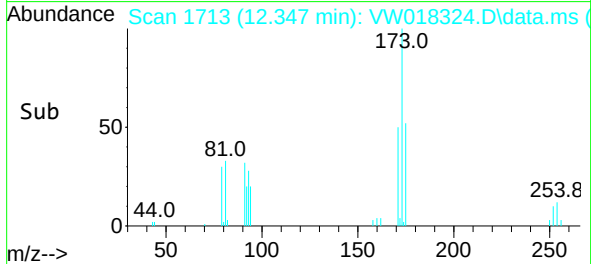




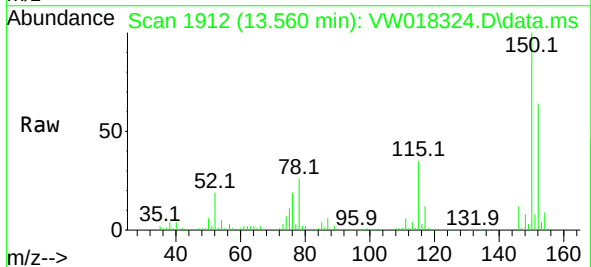
#71
Bromoform
Concen: 17.52 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



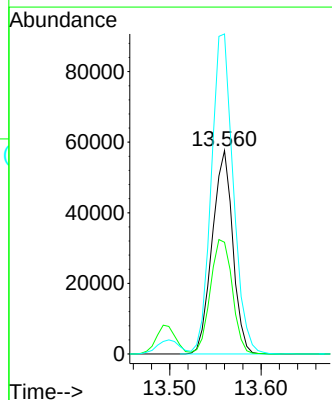
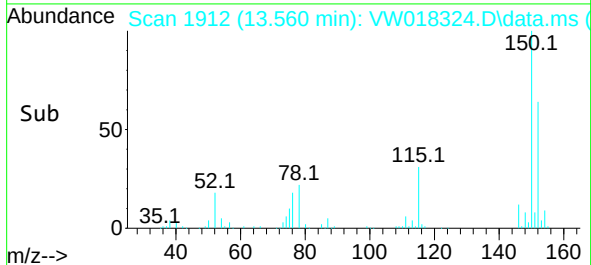
Tgt Ion:173 Resp: 12498
Ion Ratio Lower Upper
173 100
175 53.7 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



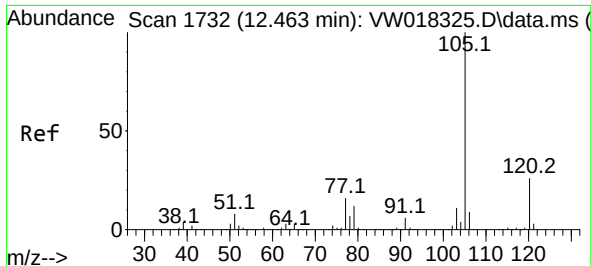
Tgt Ion:152 Resp: 89940
Ion Ratio Lower Upper
152 100
115 60.2 31.9 95.7
150 168.2 0.0 347.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM



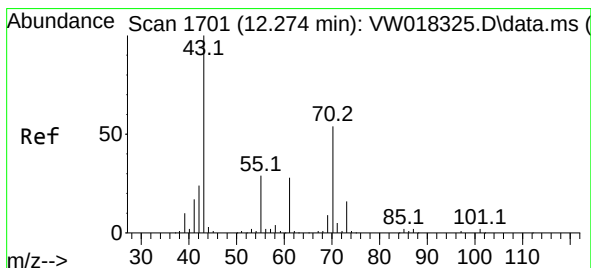
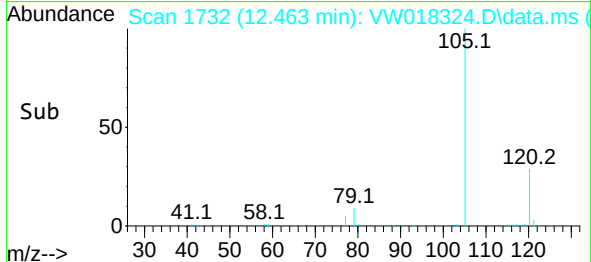
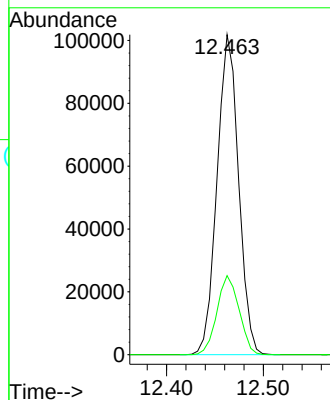
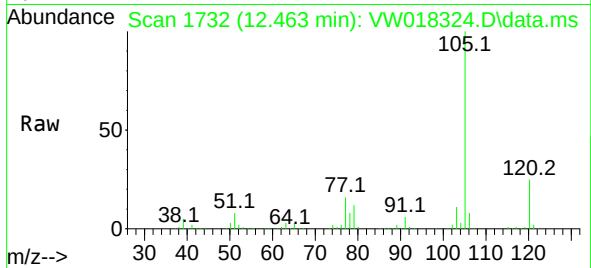
#73
Isopropylbenzene
Concen: 23.75 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 157382
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.3

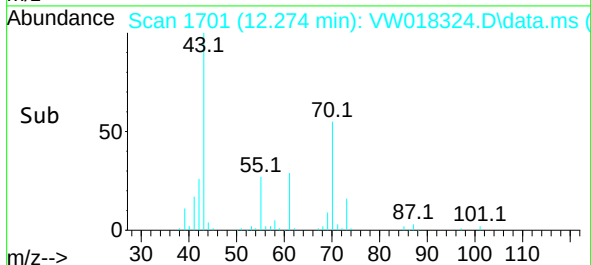
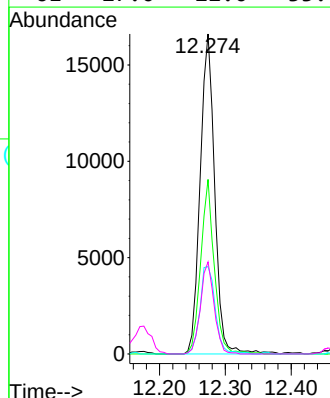
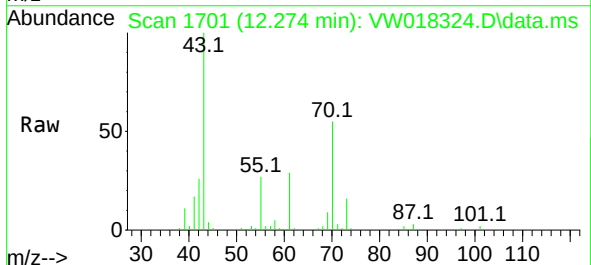
Manual Integrations
APPROVED

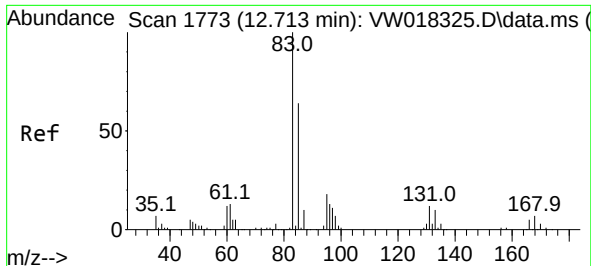
MMDadoda
3/15/2021 12:40:24 PM



#74
N-ethyl acetate
Concen: 23.41 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 43 Resp: 25460
Ion Ratio Lower Upper
43 100
70 51.1 41.8 62.6
55 29.0 23.0 34.6
61 27.0 22.0 33.0





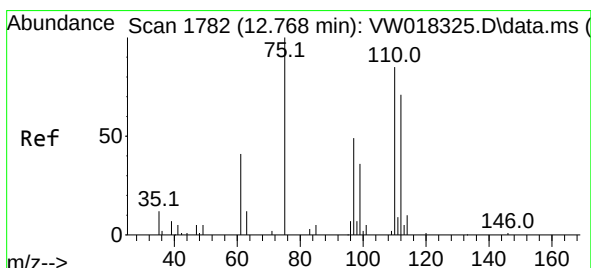
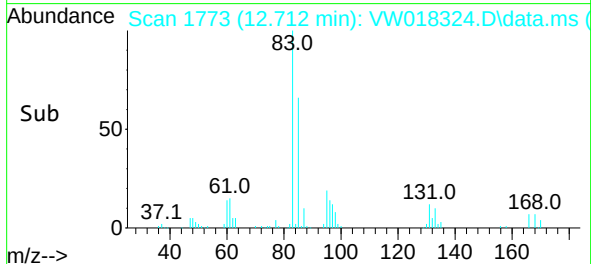
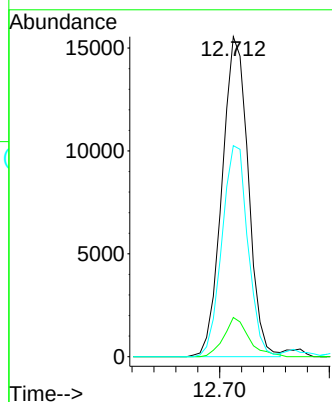
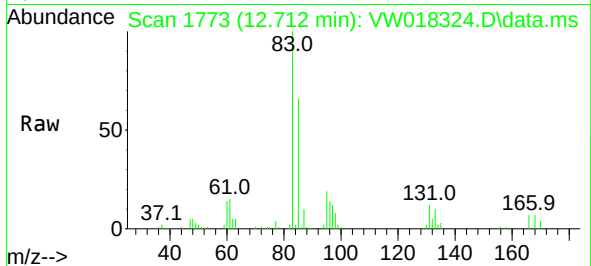
#75
1,1,2,2-Tetrachloroethane
Concen: 24.30 ug/l
RT: 12.712 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 83	Resp: 25829
Ion Ratio	Lower Upper
83 100	
131 11.7	5.9 17.6
85 65.3	31.9 95.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

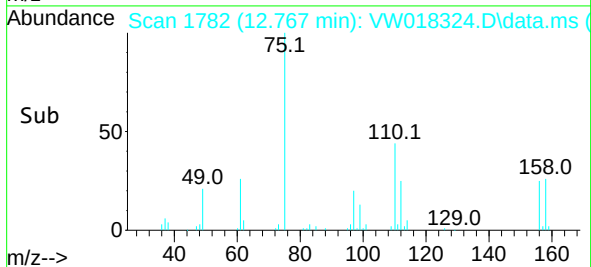
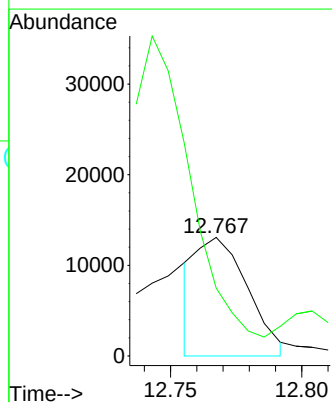
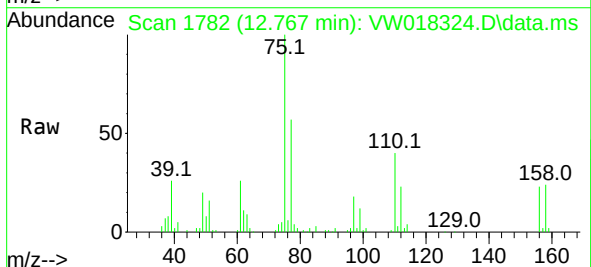
Manual Integrations
APPROVED

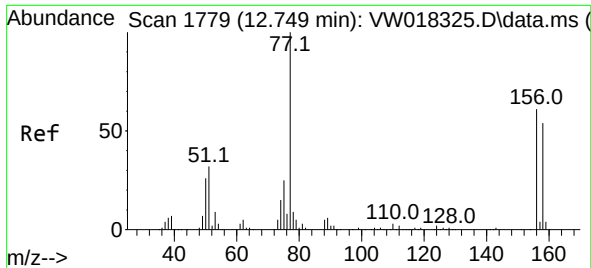
MMDadoda
3/15/2021 12:40:24 PM



#76
1,2,3-Trichloropropane
Concen: 22.06 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 75	Resp: 17815
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





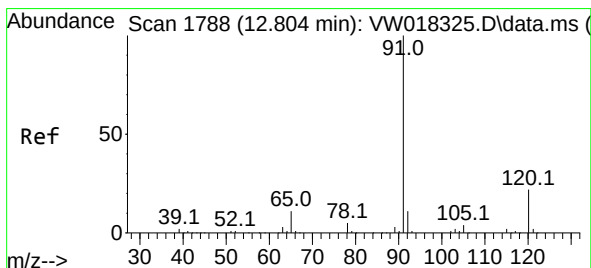
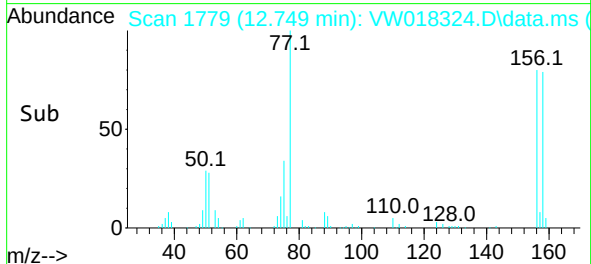
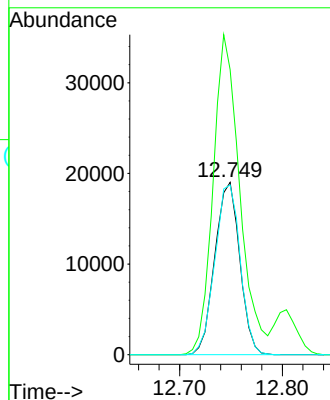
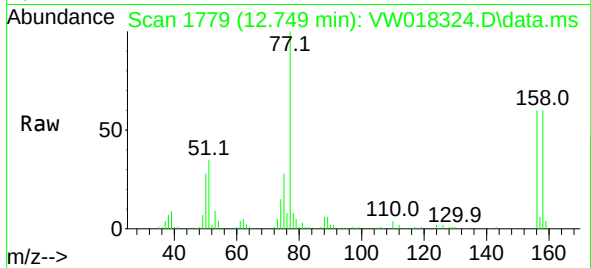
#77
Bromobenzene
Concen: 20.26 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 156 Resp: 31979
Ion Ratio Lower Upper
156 100
77 198.5 97.8 293.4
158 100.5 49.1 147.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

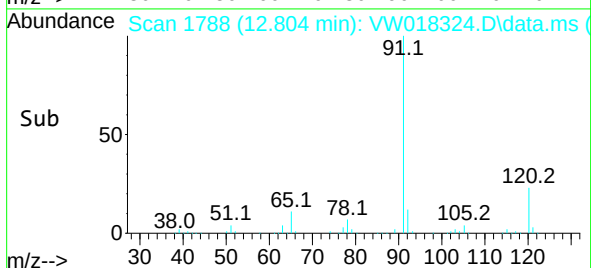
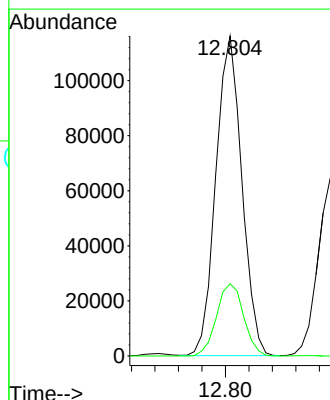
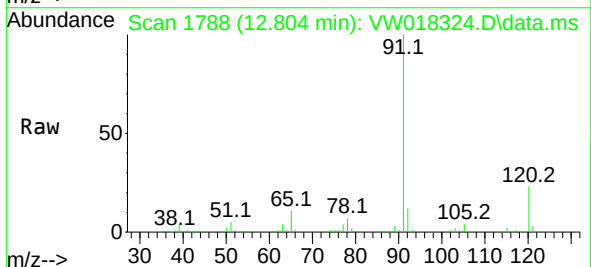
Manual Integrations
APPROVED

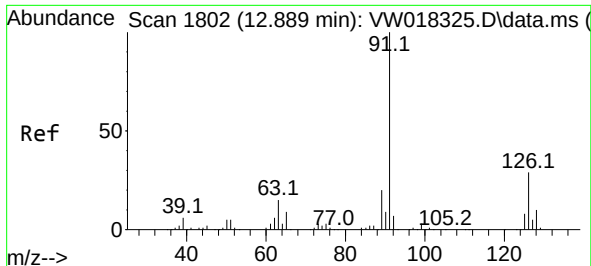
MMDadoda
3/15/2021 12:40:24 PM



#78
n-propylbenzene
Concen: 23.27 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 91 Resp: 178486
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





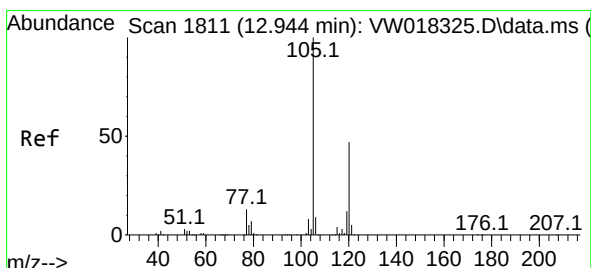
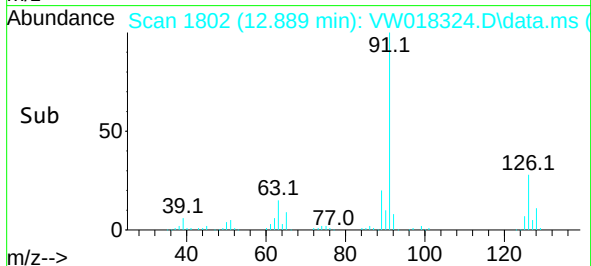
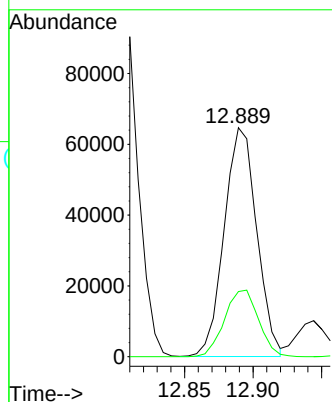
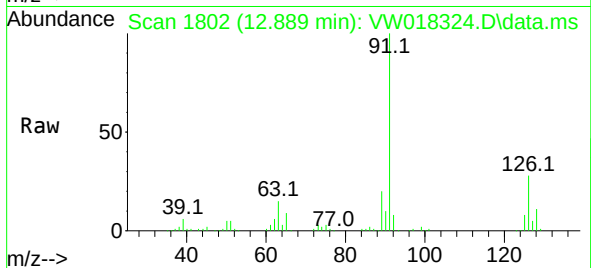
#79
2-Chlorotoluene
Concen: 24.28 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion: 91 Resp: 106980
Ion Ratio Lower Upper
91 100
126 30.4 15.0 45.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

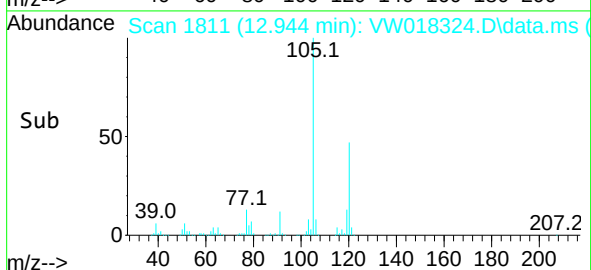
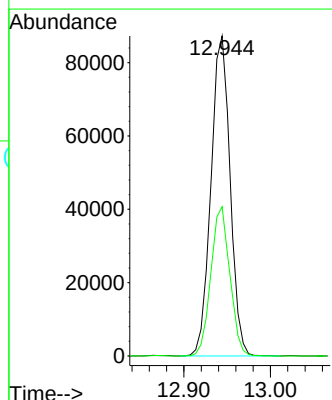
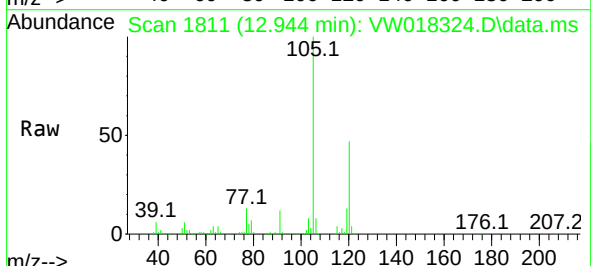
Manual Integrations
APPROVED

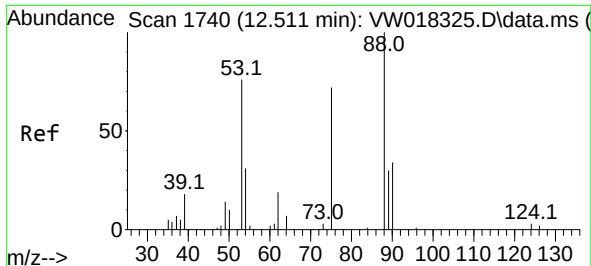
MMDadoda
3/15/2021 12:40:24 PM



#80
1,3,5-Trimethylbenzene
Concen: 23.87 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

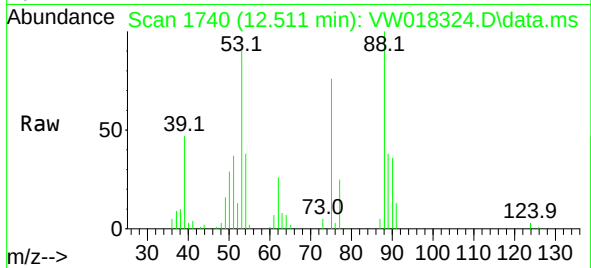
Tgt Ion: 105 Resp: 134021
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.19 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

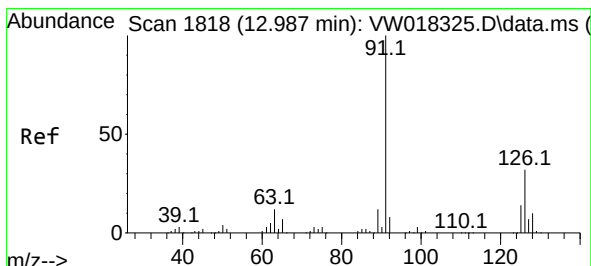
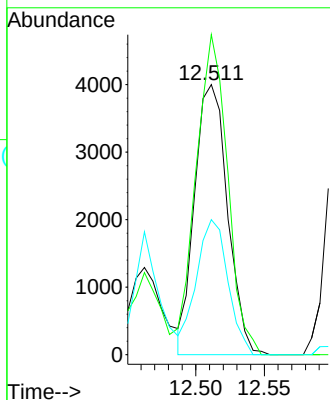
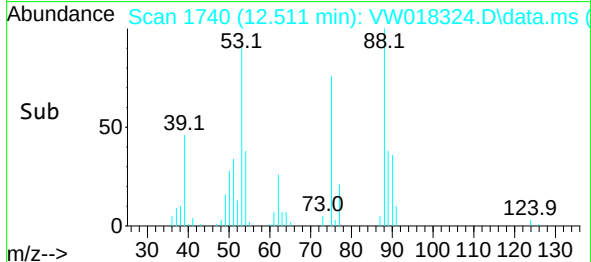
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



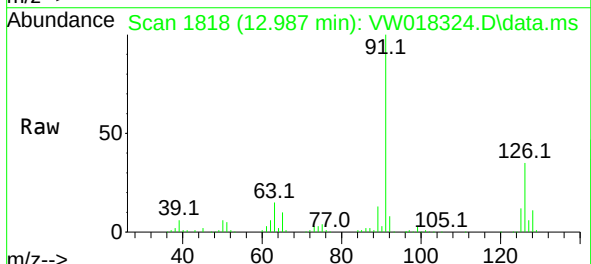
Tgt Ion: 75 Resp: 6670
Ion Ratio Lower Upper
75 100
53 114.7 86.9 130.3
89 48.2 38.8 58.2

Manual Integrations
APPROVED

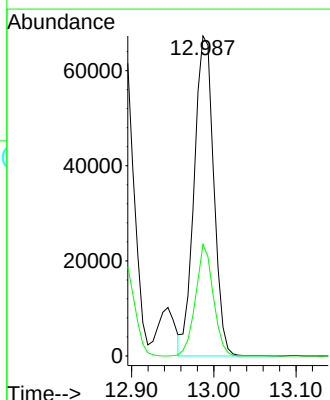
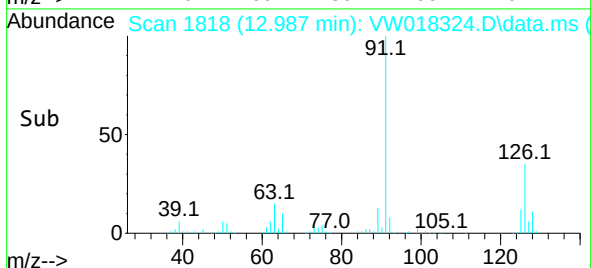
MMDadoda
3/15/2021 12:40:24 PM

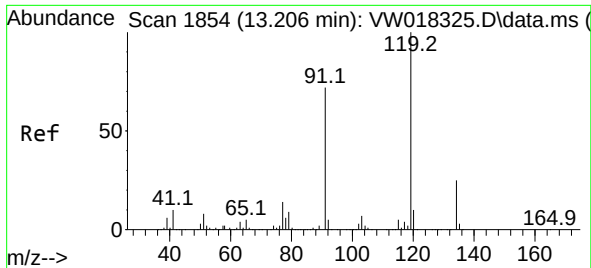


#82
4-Chlorotoluene
Concen: 23.89 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



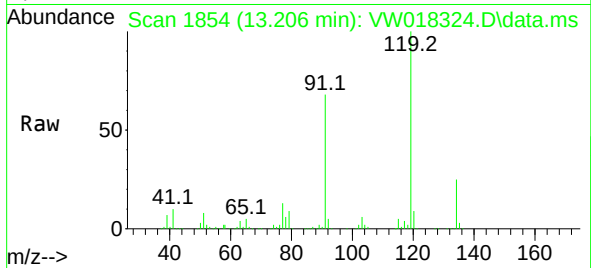
Tgt Ion: 91 Resp: 110969
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.4





#83
tert-Butylbenzene
Concen: 23.06 ug/l
RT: 13.206 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

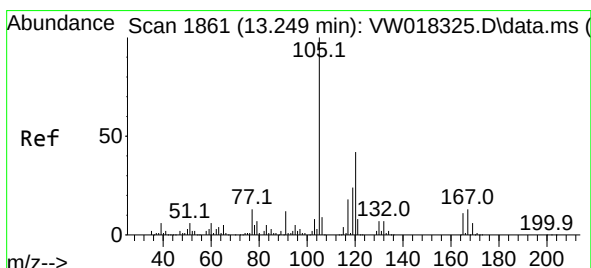
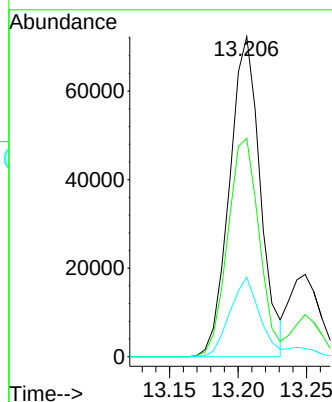
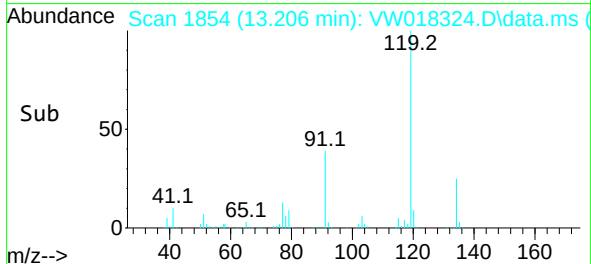
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



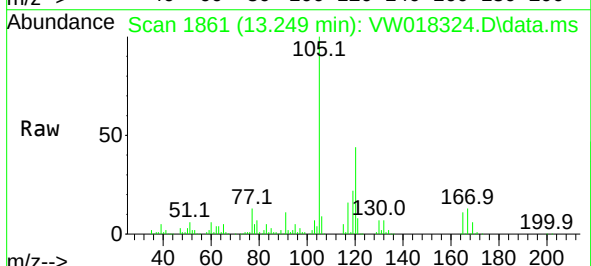
Tgt Ion:119 Resp: 113196
Ion Ratio Lower Upper
119 100
91 69.6 34.9 104.7
134 24.6 12.3 36.9

Manual Integrations
APPROVED

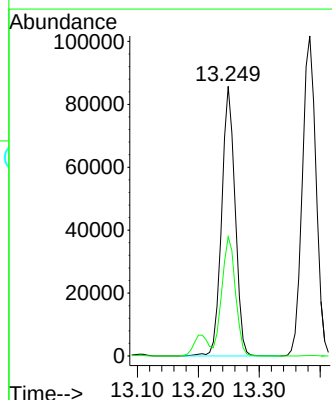
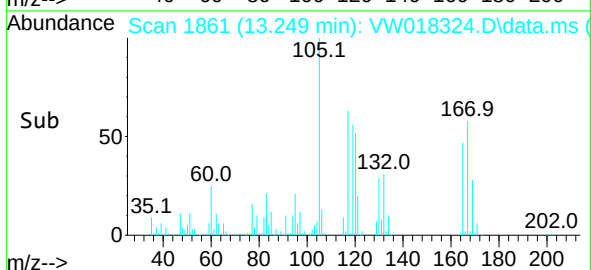
MMDadoda
3/15/2021 12:40:24 PM

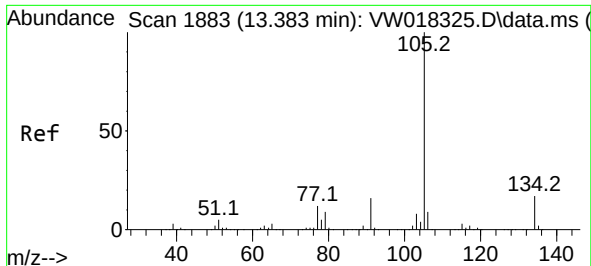


#84
1,2,4-Trimethylbenzene
Concen: 23.40 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion:105 Resp: 131320
Ion Ratio Lower Upper
105 100
120 44.4 21.3 64.0





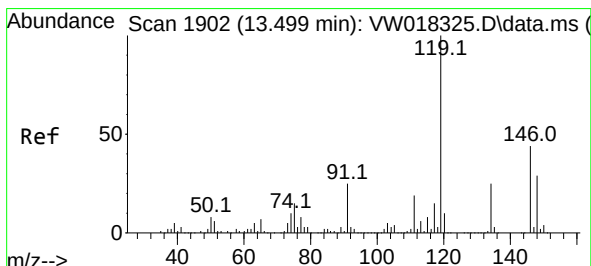
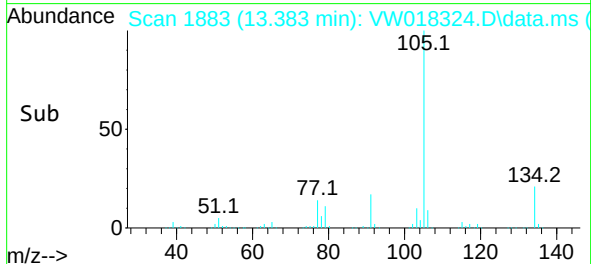
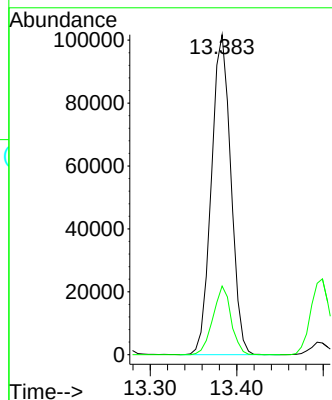
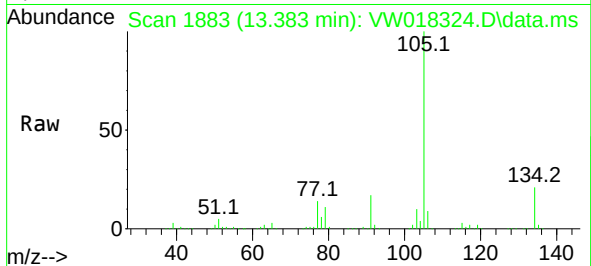
#85
sec-Butylbenzene
Concen: 23.88 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:105 Resp: 158794
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.3

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

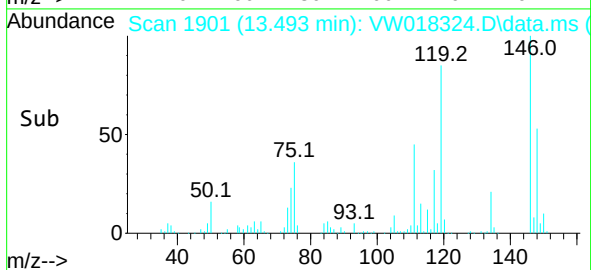
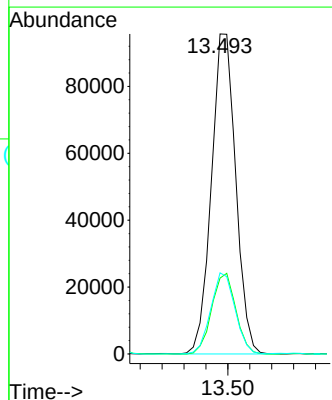
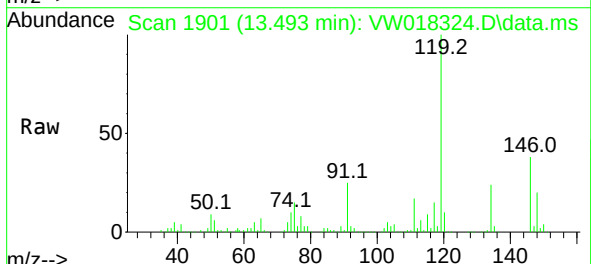
Manual Integrations
APPROVED

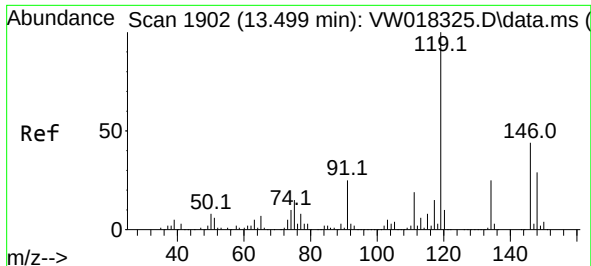
MMDadoda
3/15/2021 12:40:24 PM



#86
p-Isopropyltoluene
Concen: 23.56 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:119 Resp: 147610
Ion Ratio Lower Upper
119 100
134 24.9 12.4 37.4
91 25.3 13.1 39.1





#87

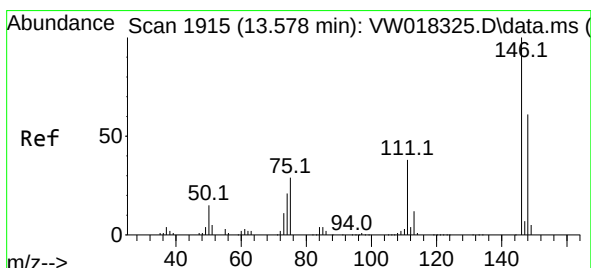
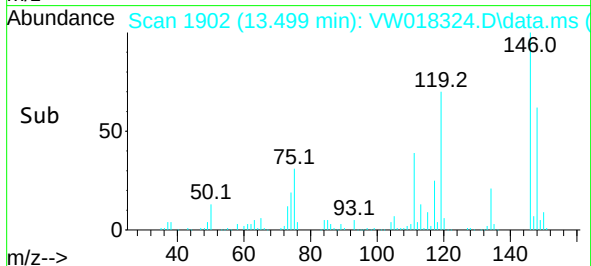
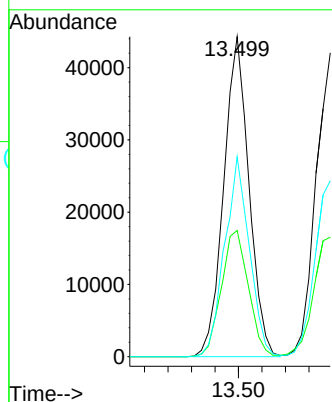
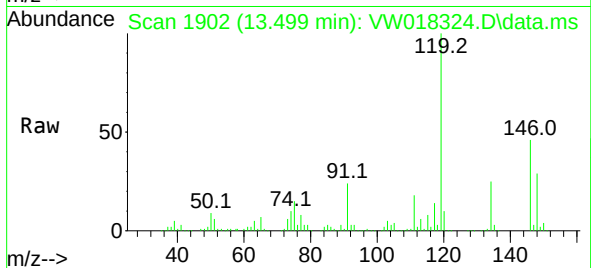
1,3-Dichlorobenzene
Concen: 21.36 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:146 Resp: 66133
Ion Ratio Lower Upper
146 100
111 42.4 21.8 65.3
148 61.2 32.6 97.7

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Manual Integrations
APPROVED

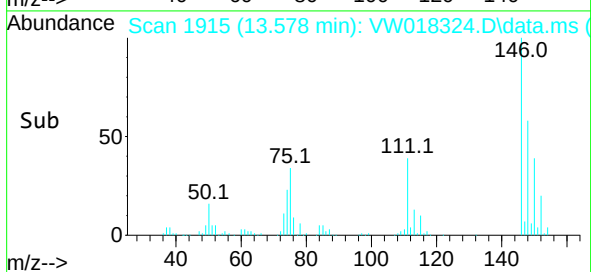
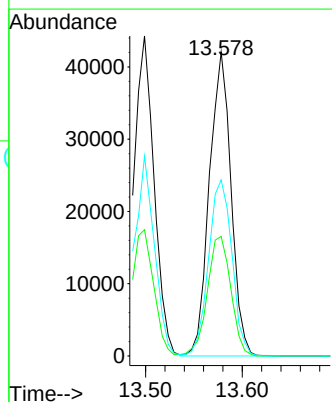
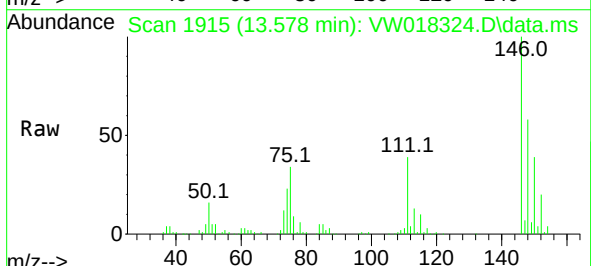
MMDadoda
3/15/2021 12:40:24 PM

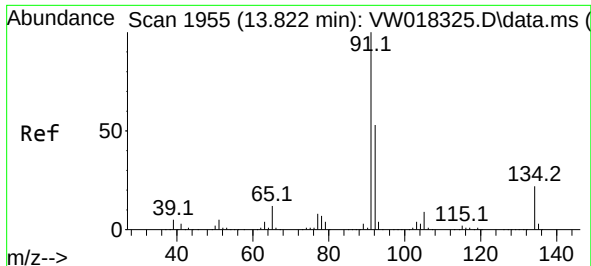


#88

1,4-Dichlorobenzene
Concen: 21.42 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:146 Resp: 65531
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.8
148 62.5 31.4 94.0





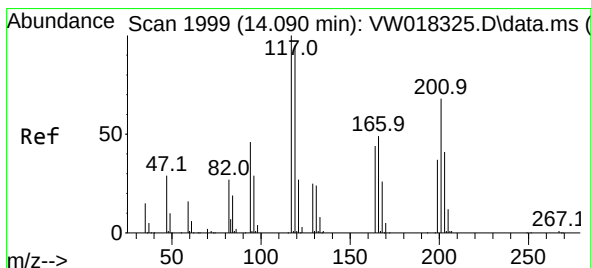
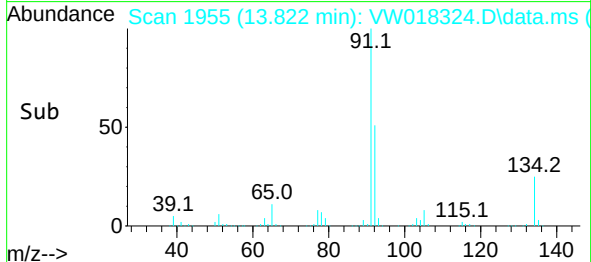
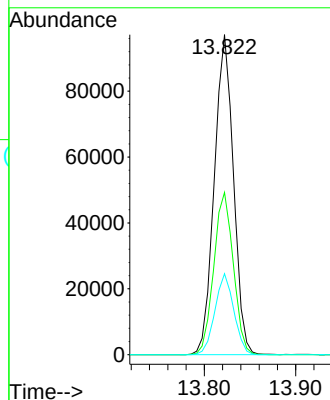
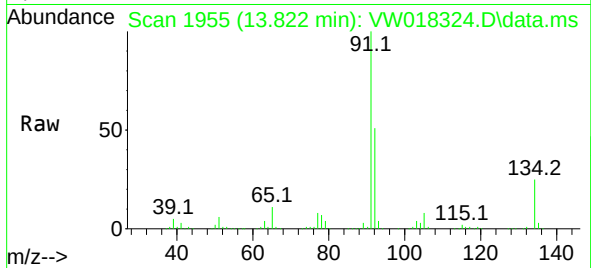
#89
n-Butylbenzene
Concen: 24.75 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:	91	Resp:	141370
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.6	79.8
134	24.9	12.4	37.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

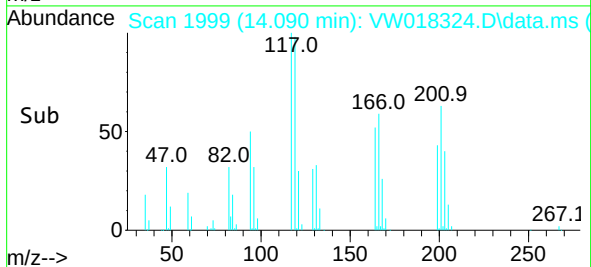
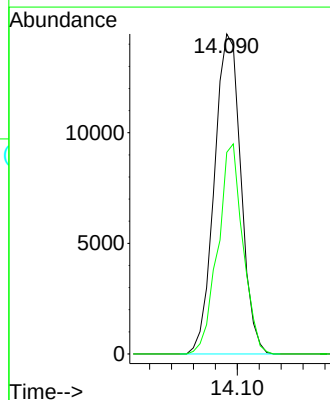
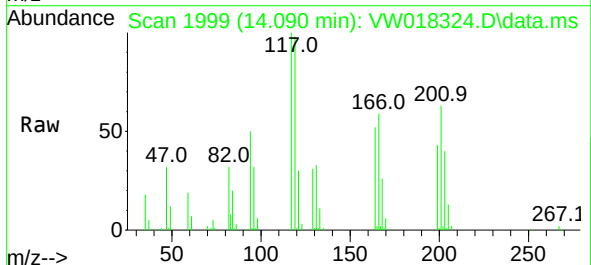
Manual Integrations
APPROVED

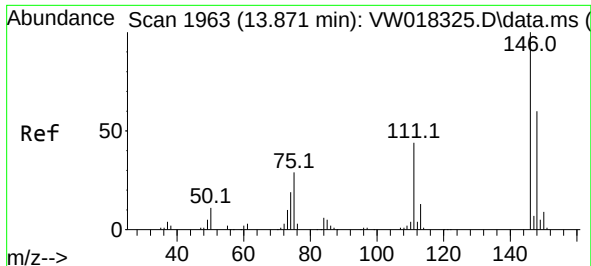
MMDadoda
3/15/2021 12:40:24 PM



#90
Hexachloroethane
Concen: 22.55 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:	117	Resp:	24342
Ion	Ratio	Lower	Upper
117	100		
201	61.8	35.4	106.1





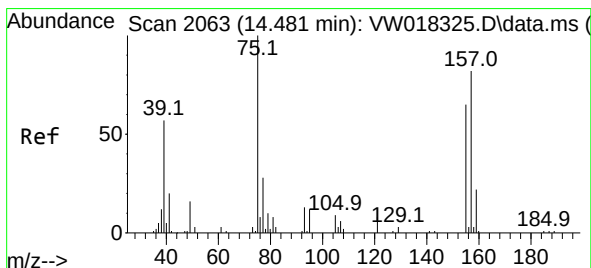
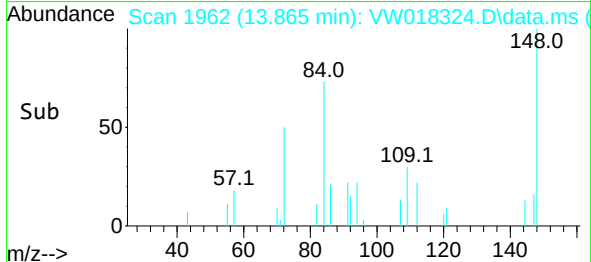
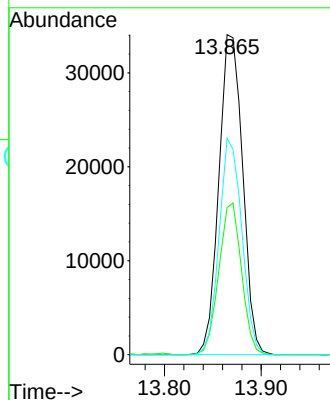
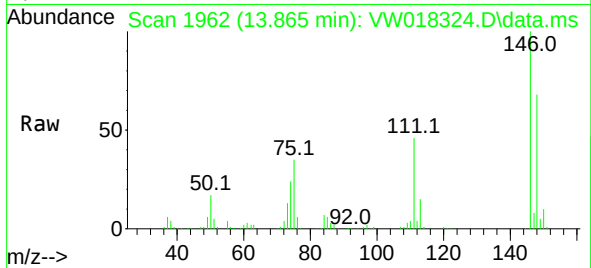
#91
1,2-Dichlorobenzene
Concen: 21.49 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

Tgt Ion:146 Resp: 58112
Ion Ratio Lower Upper
146 100
111 45.2 22.3 66.9
148 64.7 31.2 93.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

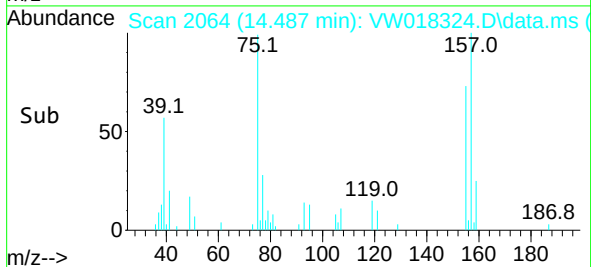
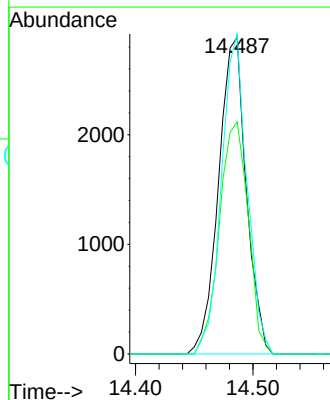
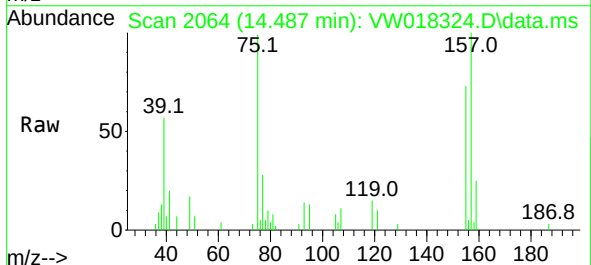
Manual Integrations
APPROVED

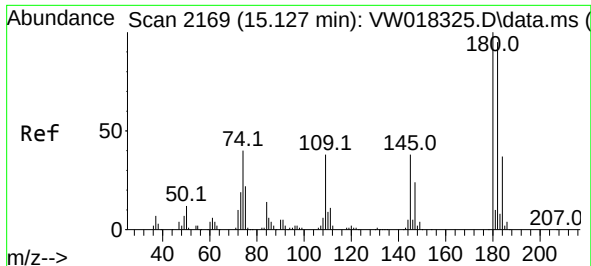
MMDadoda
3/15/2021 12:40:24 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.01 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

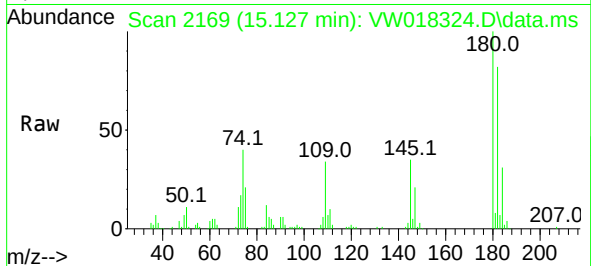
Tgt Ion: 75 Resp: 4731
Ion Ratio Lower Upper
75 100
155 76.0 38.0 113.9
157 93.1 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 19.84 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

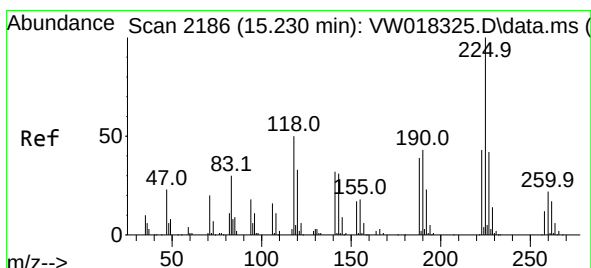
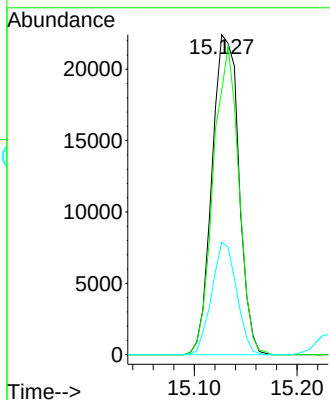
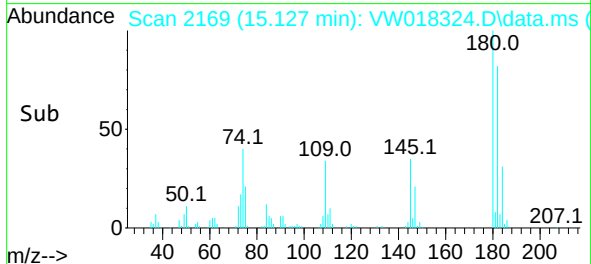
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020



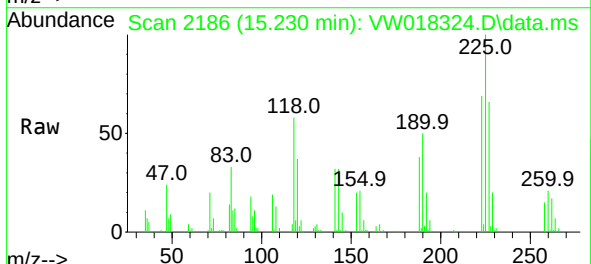
Tgt Ion:180 Resp: 40611
Ion Ratio Lower Upper
180 100
182 91.5 50.0 150.0
145 32.7 17.9 53.8

Manual Integrations
APPROVED

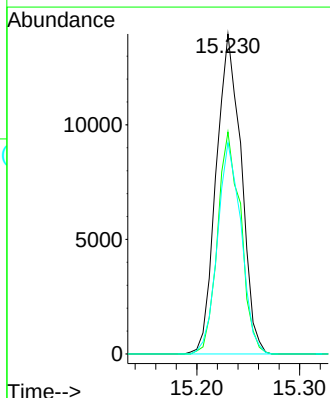
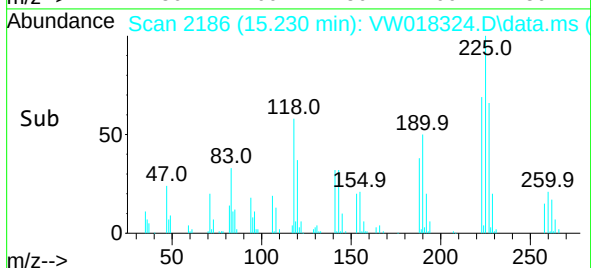
MMDadoda
3/15/2021 12:40:24 PM

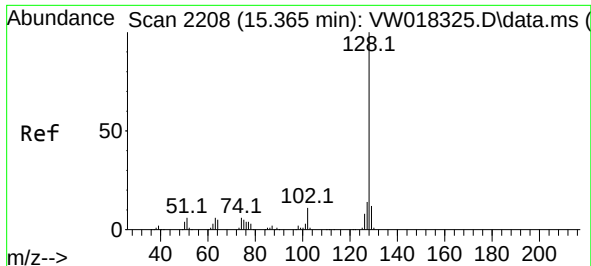


#94
Hexachlorobutadiene
Concen: 18.50 ug/l
RT: 15.230 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25

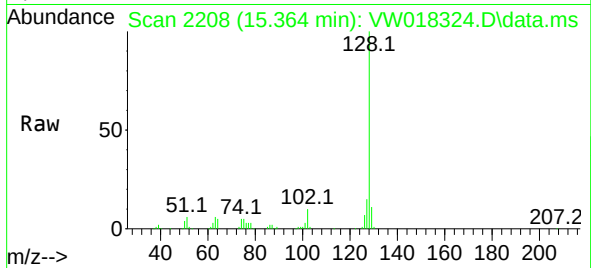


Tgt Ion:225 Resp: 23580
Ion Ratio Lower Upper
225 100
223 64.1 27.3 81.8
227 62.6 27.8 83.3

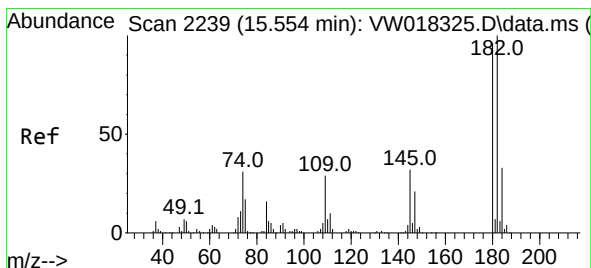
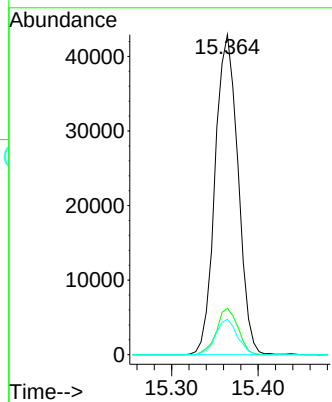
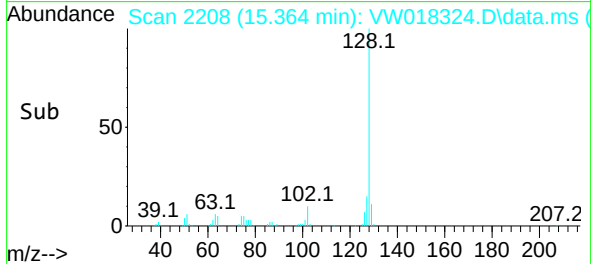




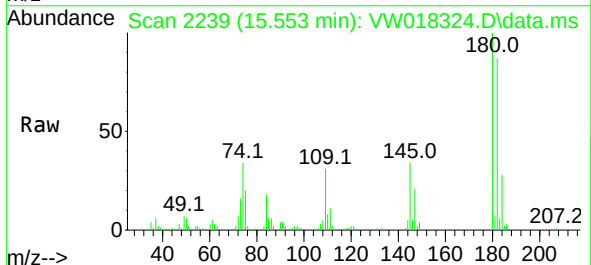
#95
Naphthalene
Concen: 22.99 ug/l
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



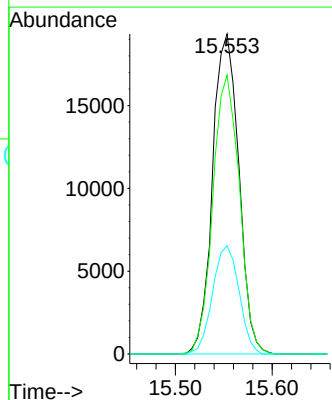
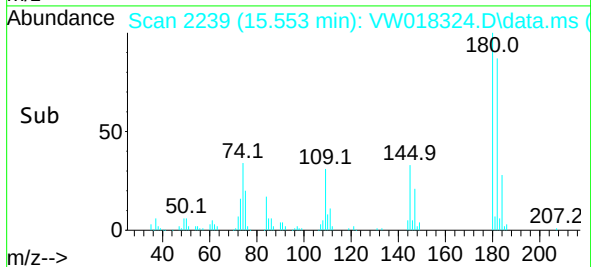
Tgt Ion:128 Resp: 78904
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.82 ug/l
RT: 15.553 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018324.D
Acq: 12 Mar 2021 18:25



Tgt Ion:180 Resp: 36353
Ion Ratio Lower Upper
180 100
182 88.5 45.1 135.2
145 34.2 17.8 53.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/15/2021 12:40:24 PM