

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
 Data File : VW017605.D
 Acq On : 14 Dec 2020 11:36
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:50:26 PM

Quant Time: Dec 14 12:21:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:18:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	322432	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	550110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	495737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	255036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	384441	111.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	223.36%	
35) Dibromofluoromethane	7.891	113	367051	103.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	207.90%	
50) Toluene-d8	10.323	98	1390030	104.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	208.96%	
62) 4-Bromofluorobenzene	12.621	95	511497	107.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	215.98%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	238561	106.84	ug/l	98
3) Chloromethane	2.215	50	271871	106.36	ug/l	96
4) Vinyl Chloride	2.367	62	393688	113.51	ug/l	99
5) Bromomethane	2.770	94	316638	129.06	ug/l	99
6) Chloroethane	2.922	64	254327	117.73	ug/l	97
7) Trichlorofluoromethane	3.263	101	340038	104.26	ug/l	96
8) Diethyl Ether	3.684	74	172491	108.61	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.068	101	336439	100.41	ug/l	89
10) Methyl Iodide	4.275	142	510992	102.89	ug/l	93
11) Tert butyl alcohol	5.172	59	117150	481.98	ug/l #	88
12) 1,1-Dichloroethene	4.050	96	341276	102.73	ug/l #	82
13) Acrolein	3.897	56	112799	527.80	ug/l	100
14) Allyl chloride	4.672	41	541319	111.03	ug/l	93
15) Acrylonitrile	5.367	53	369844	550.37	ug/l	99
16) Acetone	4.123	43	428953	633.29	ug/l	97
17) Carbon Disulfide	4.391	76	1023765	105.04	ug/l	100
18) Methyl Acetate	4.672	43	158427	109.26	ug/l	92
19) Methyl tert-butyl Ether	5.428	73	461962	113.46	ug/l	99
20) Methylene Chloride	4.915	84	359855	87.25	ug/l #	86
21) trans-1,2-Dichloroethene	5.428	96	396715	108.02	ug/l	92
22) Diisopropyl ether	6.312	45	1001302	112.17	ug/l	94
23) Vinyl Acetate	6.257	43	3336022	594.83	ug/l	96
24) 1,1-Dichloroethane	6.220	63	682305	110.85	ug/l	97
25) 2-Butanone	7.171	43	512644	566.69	ug/l	92
26) 2,2-Dichloropropane	7.171	77	425084	101.18	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	425191	109.59	ug/l	91
28) Bromochloromethane	7.513	49	301709	115.29	ug/l #	76
29) Tetrahydrofuran	7.531	42	295761	565.96	ug/l	89
30) Chloroform	7.677	83	698751	109.44	ug/l	100
31) Cyclohexane	7.958	56	605149	103.03	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	589857	108.53	ug/l	96
36) 1,1-Dichloropropene	8.086	75	549550	100.08	ug/l	97
37) Ethyl Acetate	7.250	43	223776	109.81	ug/l	95
38) Carbon Tetrachloride	8.073	117	573154	100.16	ug/l	91
39) Methylcyclohexane	9.335	83	708539	107.30	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
 Data File : VW017605.D
 Acq On : 14 Dec 2020 11:36
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:50:26 PM

Quant Time: Dec 14 12:21:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:18:51 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.329	78	1496533	100.04	ug/l	98
41) Methacrylonitrile	7.482	41	121516	98.54	ug/l	95
42) 1,2-Dichloroethane	8.403	62	456063	102.91	ug/l	96
43) Isopropyl Acetate	8.427	43	433340	112.78	ug/l #	93
44) Trichloroethene	9.092	130	420072	98.33	ug/l	87
45) 1,2-Dichloropropane	9.372	63	370851	101.99	ug/l	95
46) Dibromomethane	9.463	93	205254	103.60	ug/l #	86
47) Bromodichloromethane	9.646	83	539538	105.73	ug/l	97
48) Methyl methacrylate	9.439	41	218750	110.99	ug/l	86
49) 1,4-Dioxane	9.451	88	44799	2103.41	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	1040338	544.34	ug/l	92
52) Toluene	10.390	92	994455	105.07	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	552315	112.95	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	634527	111.01	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	272250	101.31	ug/l	96
56) Ethyl methacrylate	10.646	69	355288	116.04	ug/l #	89
57) 1,3-Dichloropropane	10.933	76	478788	102.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	831335	546.21	ug/l	93
59) 2-Hexanone	10.969	43	730257	575.84	ug/l	93
60) Dibromochloromethane	11.128	129	363932	107.01	ug/l	98
61) 1,2-Dibromoethane	11.238	107	271610	103.77	ug/l	99
64) Tetrachloroethene	10.866	164	315561	90.52	ug/l	92
65) Chlorobenzene	11.658	112	1048317	101.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	376881	100.15	ug/l	99
67) Ethyl Benzene	11.731	91	1901765	102.64	ug/l	98
68) m/p-Xylenes	11.841	106	1479669	212.67	ug/l	97
69) o-Xylene	12.170	106	695907	109.58	ug/l	100
70) Styrene	12.182	104	1188770	109.24	ug/l	97
71) Bromoform	12.353	173	195834	103.11	ug/l #	99
73) Isopropylbenzene	12.463	105	1916534	105.26	ug/l	100
74) N-amyl acetate	12.274	43	389366	115.62	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	305450	99.47	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	217325m	96.27	ug/l	
77) Bromobenzene	12.749	156	414497	97.29	ug/l	85
78) n-propylbenzene	12.804	91	2262733	103.09	ug/l	100
79) 2-Chlorotoluene	12.890	91	1278396	103.57	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	1639136	106.77	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	115206	117.37	ug/l	96
82) 4-Chlorotoluene	12.993	91	1362568	104.84	ug/l	99
83) tert-Butylbenzene	13.207	119	1410321	107.09	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	1584322	103.57	ug/l	99
85) sec-Butylbenzene	13.383	105	1975950	106.81	ug/l	99
86) p-Isopropyltoluene	13.499	119	1791893	104.84	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	824433	97.32	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	842598	100.94	ug/l	97
89) n-Butylbenzene	13.822	91	1724755	105.98	ug/l	98
90) Hexachloroethane	14.097	117	344837	105.66	ug/l	82
91) 1,2-Dichlorobenzene	13.871	146	764719	103.82	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	53585	100.85	ug/l	87
93) 1,2,4-Trichlorobenzene	15.133	180	461172	92.82	ug/l	98
94) Hexachlorobutadiene	15.237	225	241223	82.35	ug/l	98
95) Naphthalene	15.365	128	931725	108.01	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
Data File : VW017605.D
Acq On : 14 Dec 2020 11:36
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

Quant Time: Dec 14 12:21:13 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
Quant Title : Sw846 8260
QLast Update : Mon Dec 14 12:18:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.554	180	392923	91.23	ug/l	98

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

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

MMDadoda
12/15/2020 4:50:26 PM

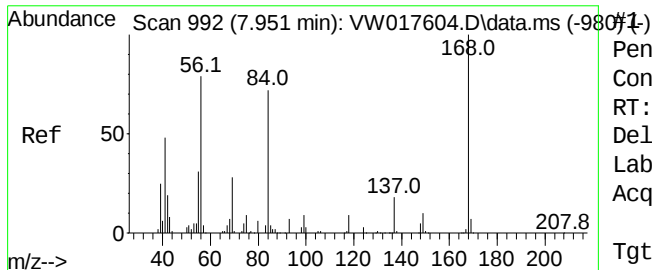
Abundance

TIC: VW017605.D\data.ms

Time-->

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

Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,2,2-Tetrachloroethane, T
Acetone, T
Methyl Iodide, T
Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acetonitrile, T
Methyl 1,2-Dichloroethyl Ether, T
1,1-Dichloroethane, P
Vinyl Acetate, T
1,1-Dichloroethane, T
Ethyl Acetate, T
Methyl Chloroform, T
Chloroform, C
Dibromodifluoromethane, T
1,1,2,2-Tetrachloroethane, T
Isopropyl alcohol, T
1,4-Difluorobenzene, T
1,4-Difluorobenzene, TM
Trichloroethene, T
Methylcyclohexane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methyl 2-Chloropropene, T
1,1,2-Trichloroethane, T
1,3-Dichloropropene, T
Dibromochloromethane, T
1,2-Dibromochloroethane, T
Chlorobenzene, CM
Chlorobenzene, PM
Ethyl Benzene, T
Propylene, T
p-Xylenes, T
Styrene, T
o-Xylene, T
Isopropylbenzene, T
n-Propylbenzene, T
1,3,5-Trimethylbenzene, T
4-Chlorobutene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2,4-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



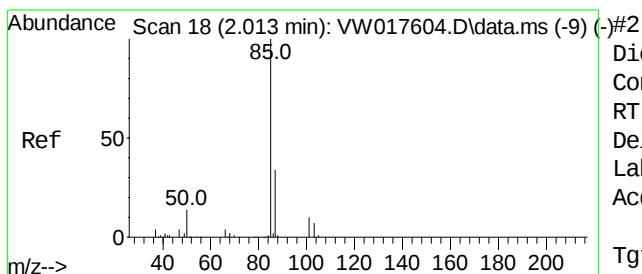
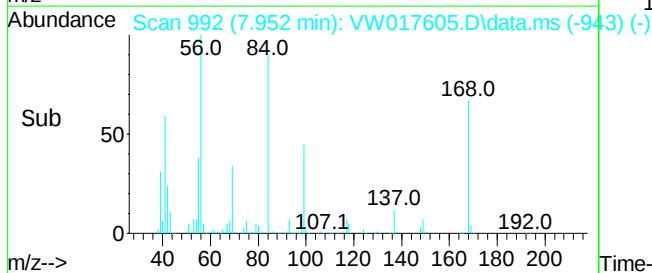
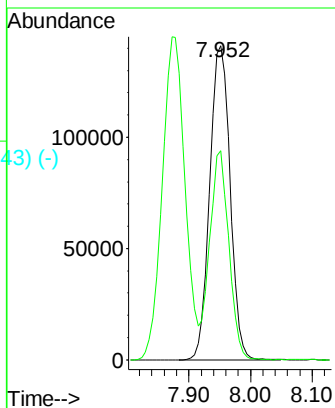
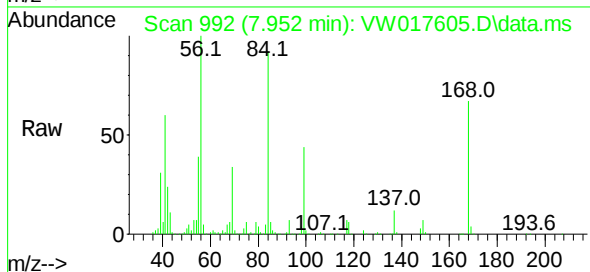
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. 0.001 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:168 Resp: 322432
 Ion Ratio Lower Upper
 168 100
 99 66.4 40.7 61.1#

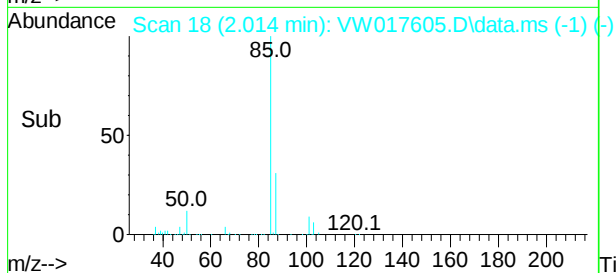
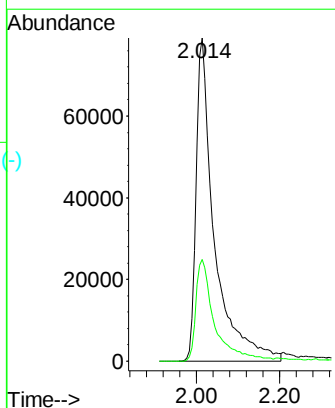
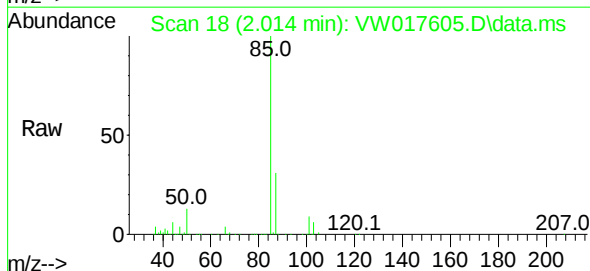
Manual Integrations
 APPROVED

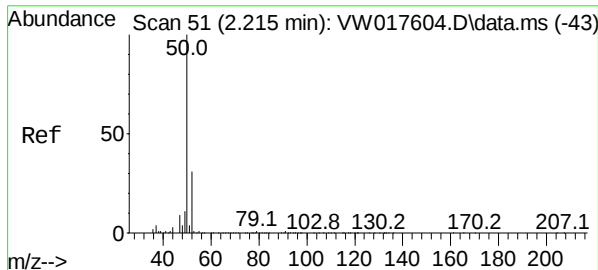
MMDadoda
 12/15/2020 4:50:26 PM



Dichlorodifluoromethane
 Concen: 106.84 ug/l
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 85 Resp: 238561
 Ion Ratio Lower Upper
 85 100
 87 31.4 16.3 48.9





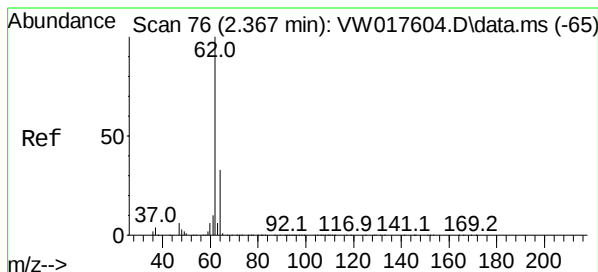
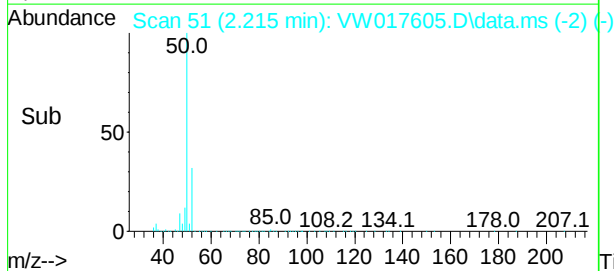
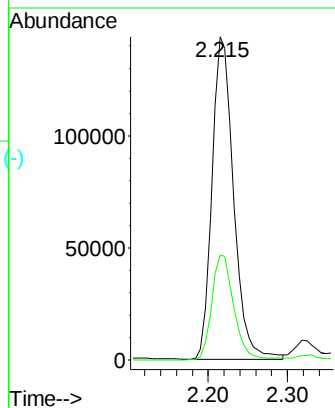
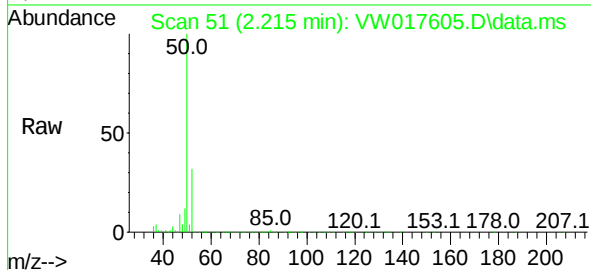
Chloromethane
 Concen: 106.36 ug/l
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 50 Resp: 271871
 Ion Ratio Lower Upper
 50 100
 52 32.4 27.6 41.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

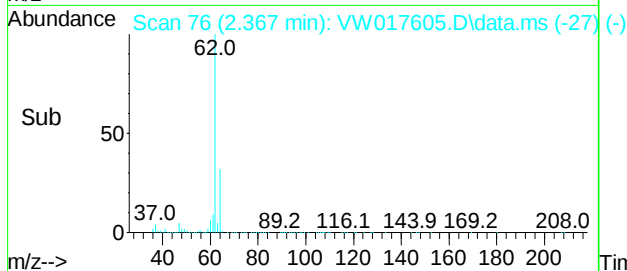
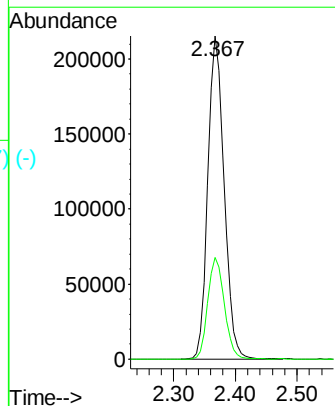
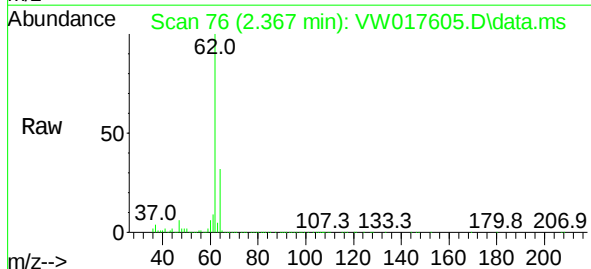
Manual Integrations
 APPROVED

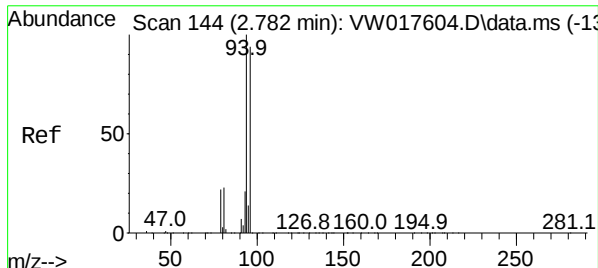
MMDadoda
 12/15/2020 4:50:26 PM



Vinyl Chloride
 Concen: 113.51 ug/l
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 62 Resp: 393688
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.0 37.4





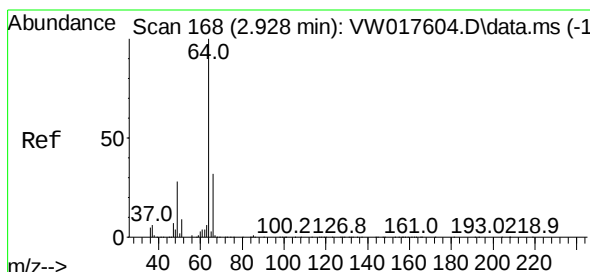
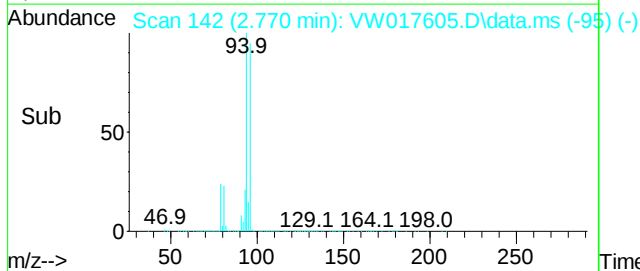
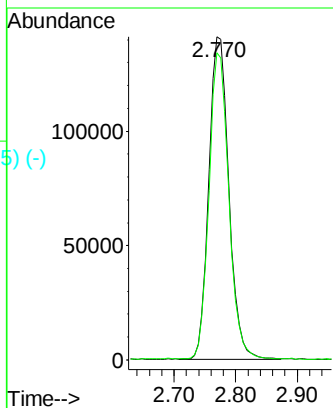
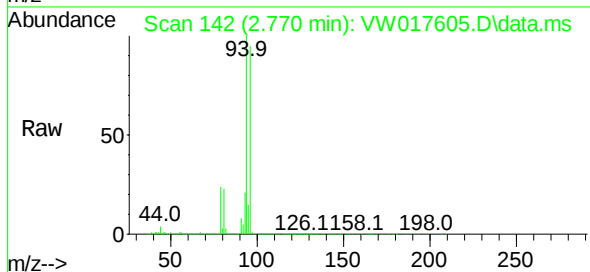
Bromomethane
 Concen: 129.06 ug/l
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 94 Resp: 316638
 Ion Ratio Lower Upper
 94 100
 96 94.8 74.7 112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

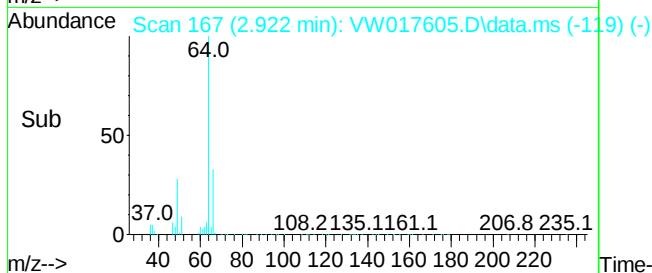
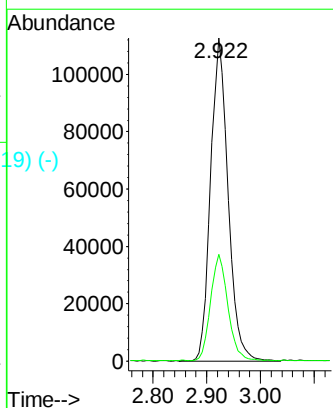
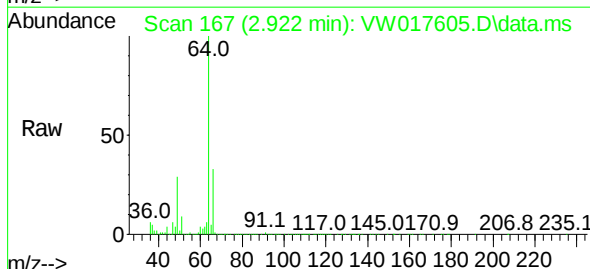
Manual Integrations
 APPROVED

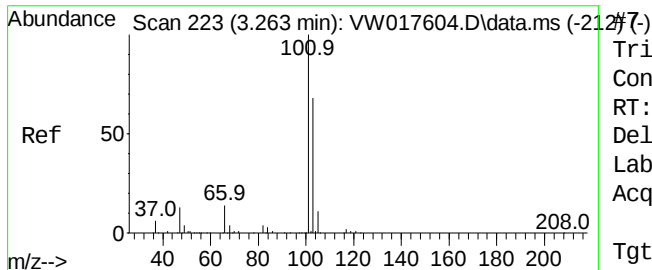
MMDadoda
 12/15/2020 4:50:26 PM



Chloroethane
 Concen: 117.73 ug/l
 RT: 2.922 min Scan# 167
 Delta R.T. -0.006 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 64 Resp: 254327
 Ion Ratio Lower Upper
 64 100
 66 32.9 25.0 37.6





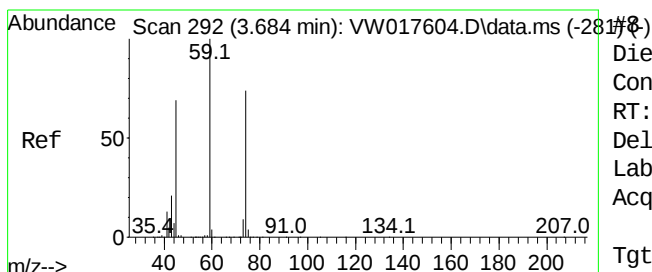
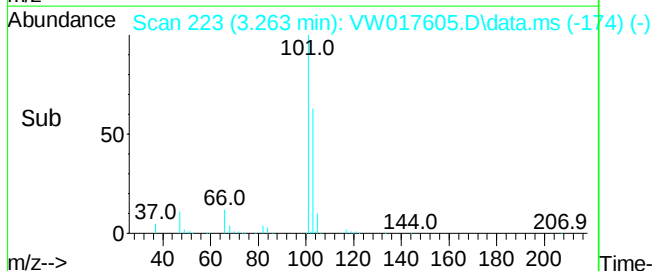
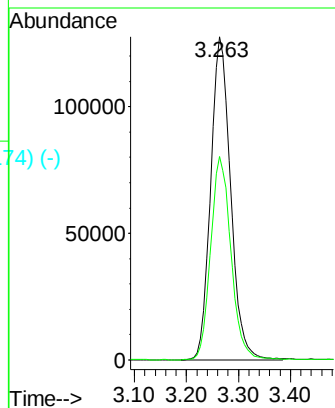
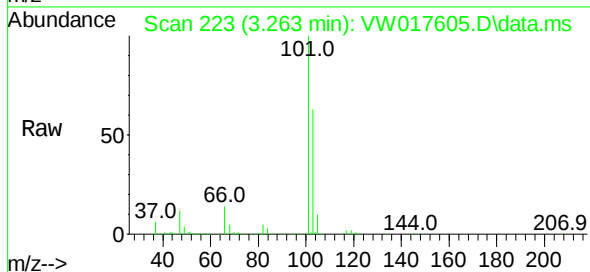
Trichlorofluoromethane
Concen: 104.26 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 101 Resp: 340038
Ion Ratio Lower Upper
101 100
103 63.0 52.6 79.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

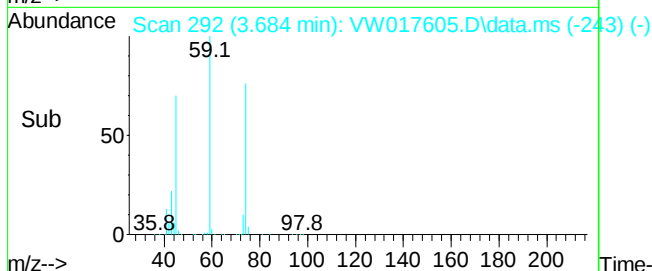
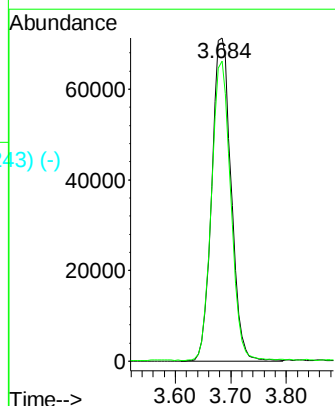
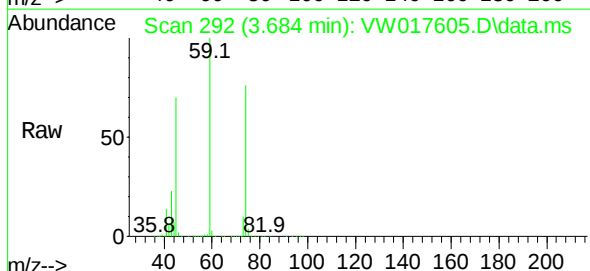
Manual Integrations
APPROVED

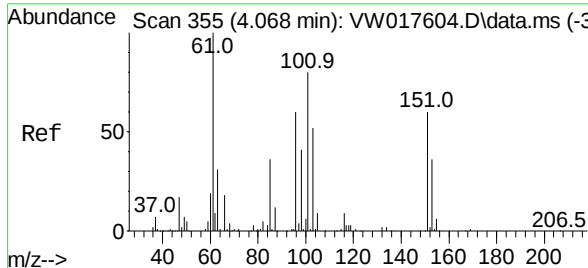
MMDadoda
12/15/2020 4:50:26 PM



Diethyl Ether
Concen: 108.61 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 74 Resp: 172491
Ion Ratio Lower Upper
74 100
45 92.4 41.1 123.4





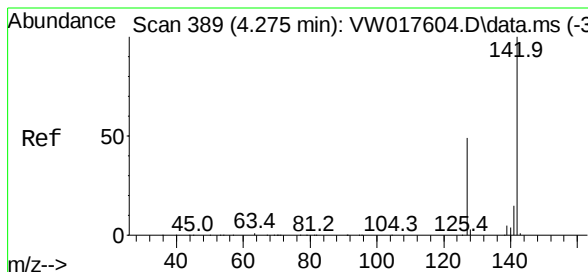
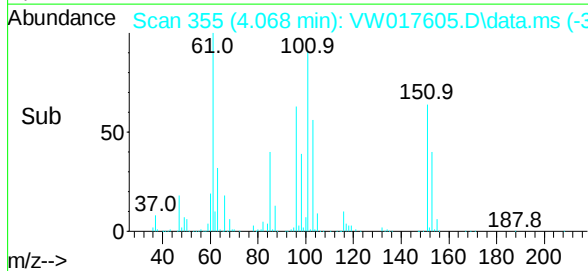
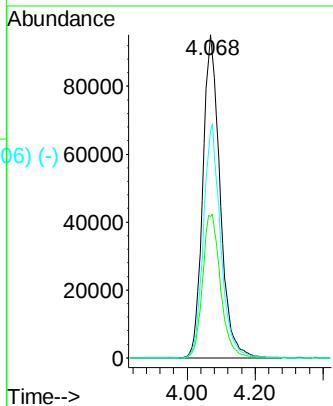
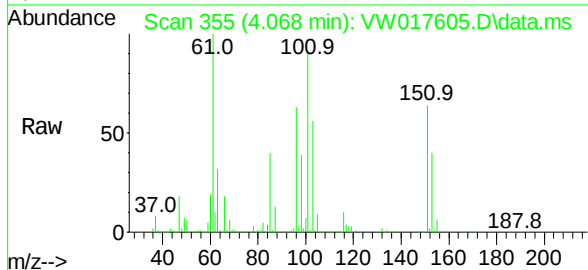
1,1,2-Trichlorotrifluoroethane
 Concen: 100.41 ug/l
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	101	Resp:	336439
Ion	Ratio	Lower	Upper
101	100		
85	46.3	33.2	49.8
151	71.9	66.6	100.0

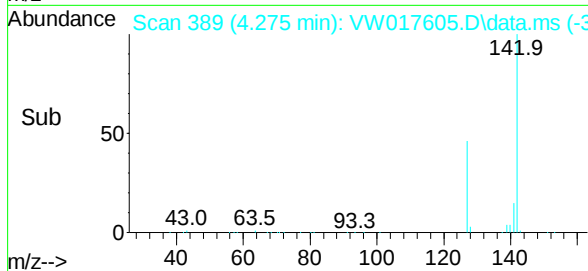
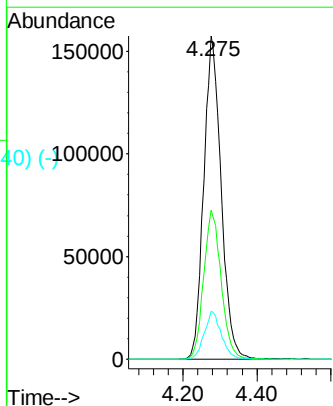
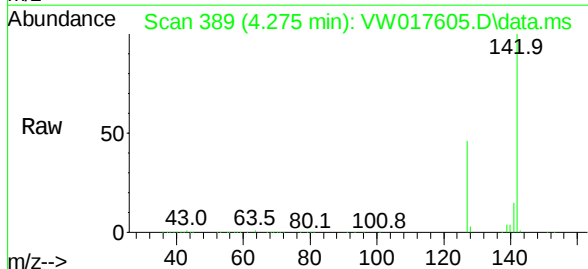
Manual Integrations
 APPROVED

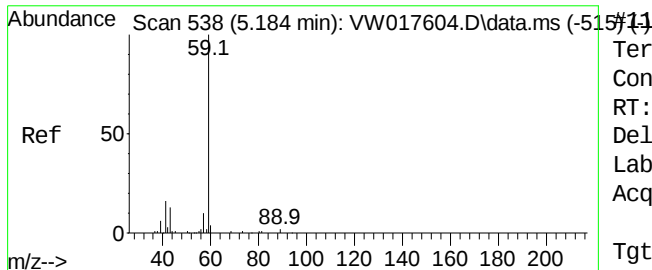
MMDadoda
 12/15/2020 4:50:26 PM



Methyl Iodide
 Concen: 102.89 ug/l
 RT: 4.275 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	142	Resp:	510992
Ion	Ratio	Lower	Upper
142	100		
127	46.4	32.4	48.6
141	14.5	11.4	17.0





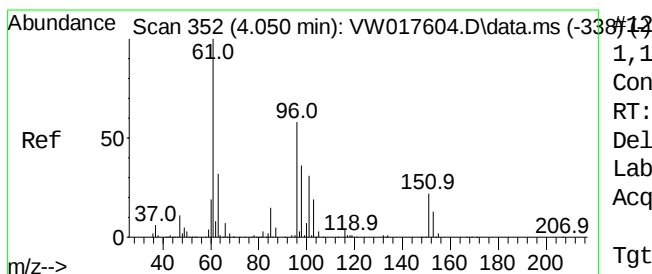
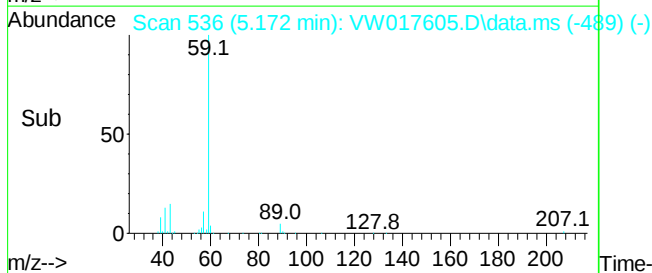
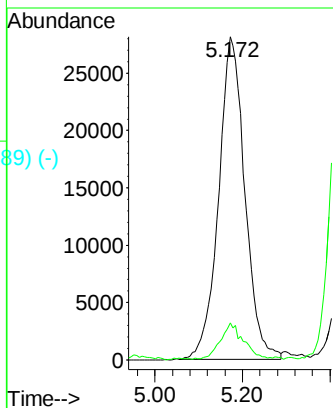
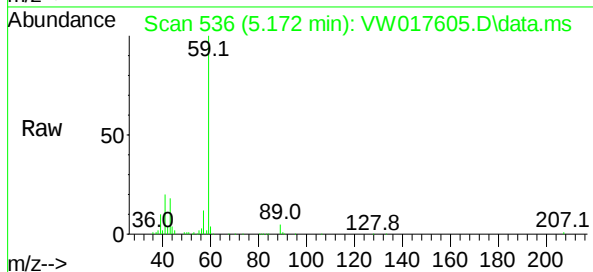
Tert butyl alcohol
Concen: 481.98 ug/l
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 117150
Ion Ratio Lower Upper
59 100
57 9.8 4.7 7.1#

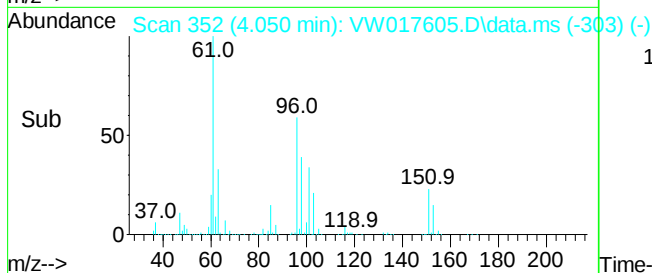
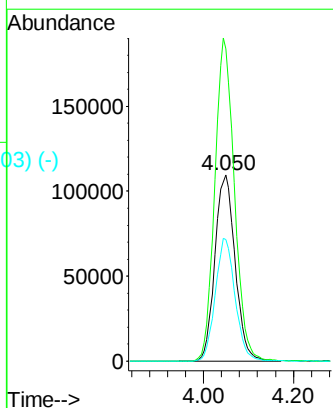
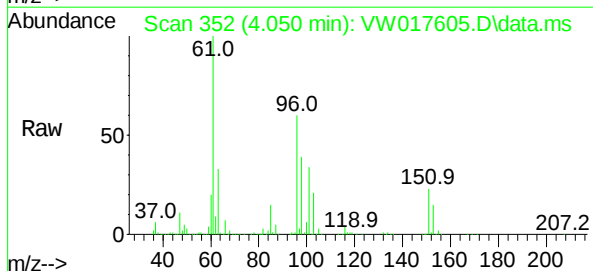
Manual Integrations
APPROVED

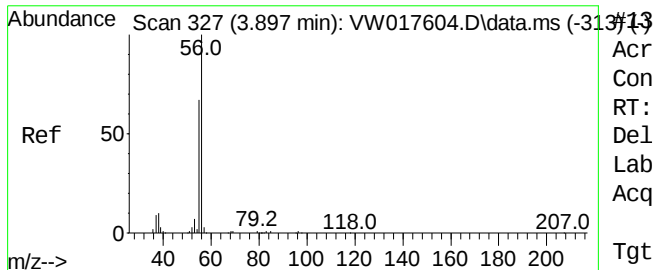
MMDadoda
12/15/2020 4:50:26 PM



1,1-Dichloroethene
Concen: 102.73 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 96 Resp: 341276
Ion Ratio Lower Upper
96 100
61 168.1 111.7 167.5#
98 65.3 49.0 73.4





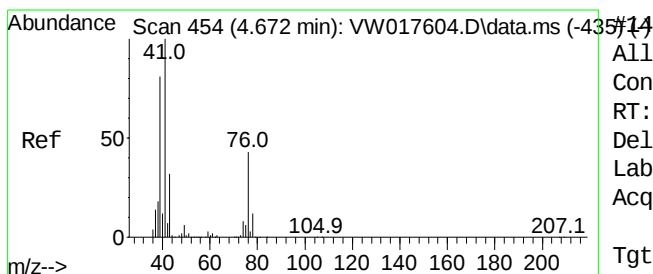
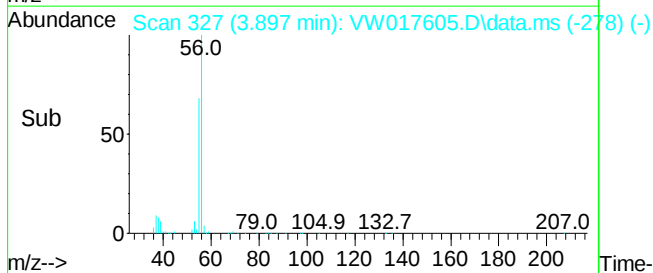
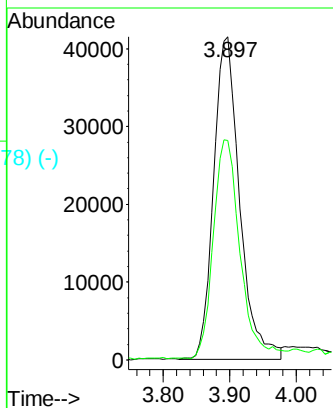
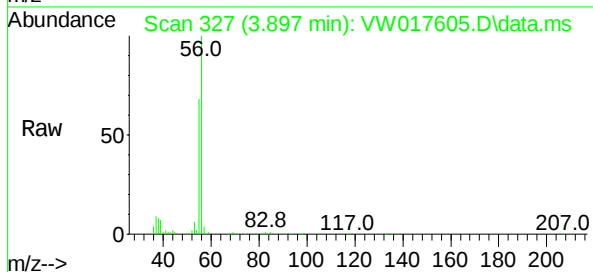
#13
Acrolein
Concen: 527.80 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 112799
Ion Ratio Lower Upper
56 100
55 69.7 55.9 83.9

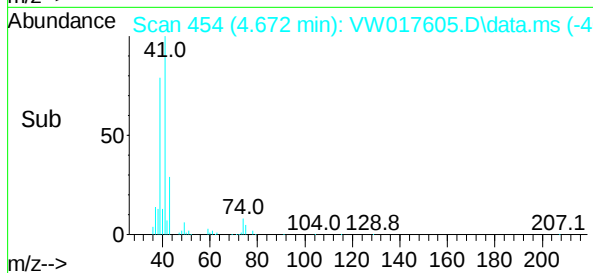
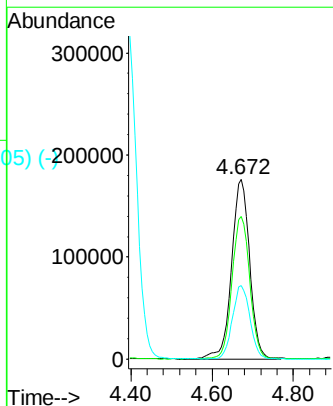
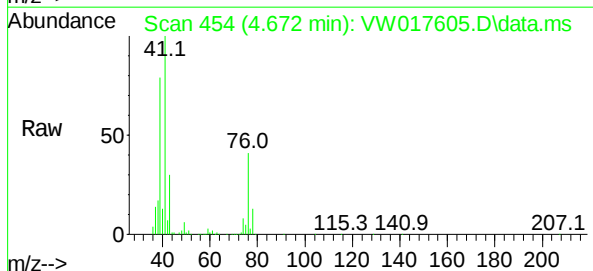
Manual Integrations
APPROVED

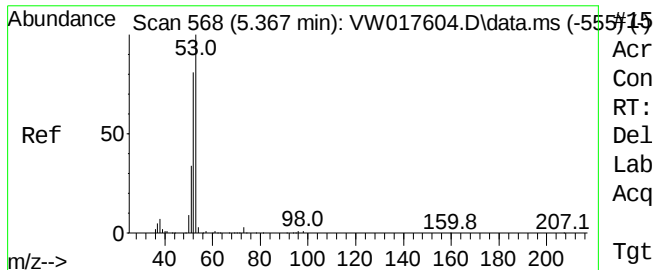
MMDadoda
12/15/2020 4:50:26 PM



#14
Allyl chloride
Concen: 111.03 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 41 Resp: 541319
Ion Ratio Lower Upper
41 100
39 77.8 57.8 86.8
76 39.4 35.1 52.7





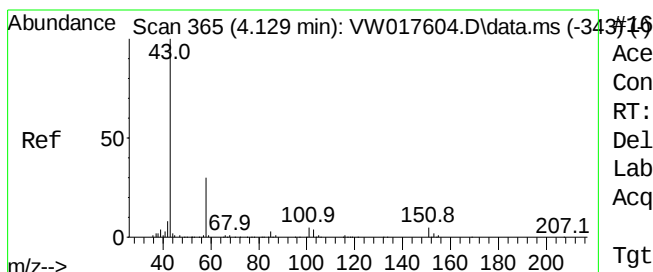
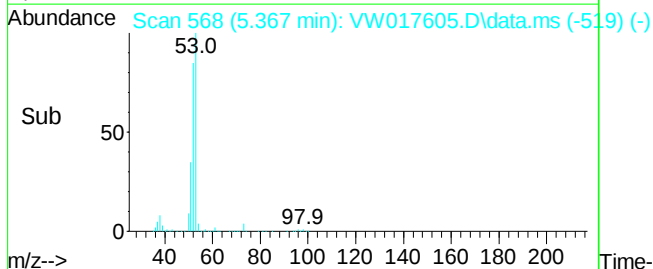
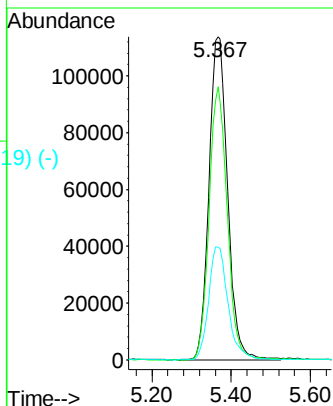
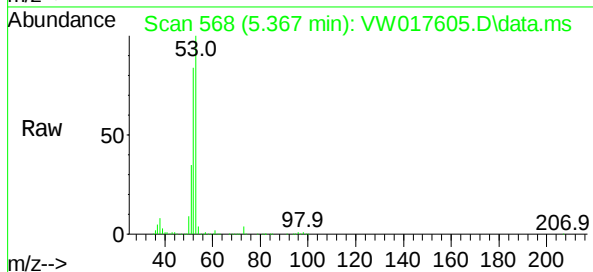
Acrylonitrile
 Concen: 550.37 ug/l
 RT: 5.367 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

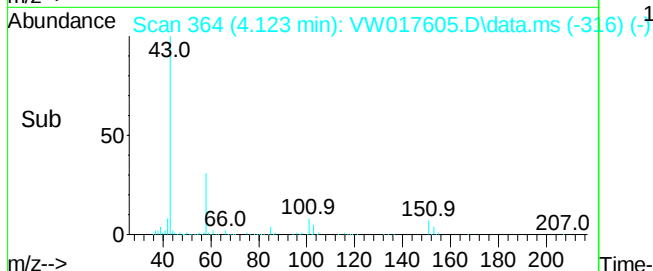
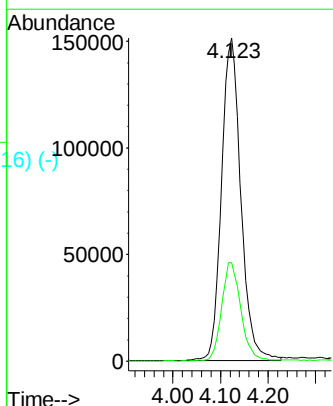
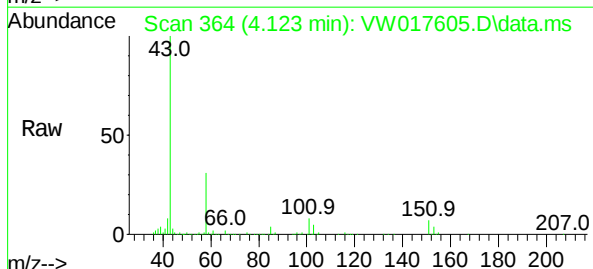
MMDadoda
 12/15/2020 4:50:26 PM

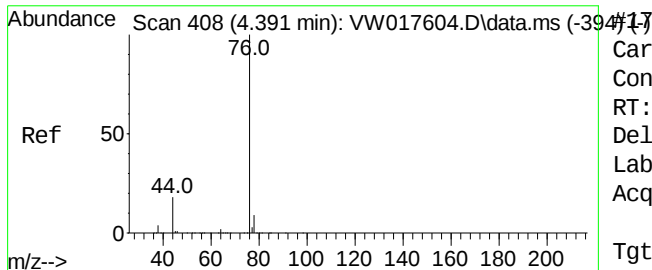
Tgt Ion:	53	Resp:	369844
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.4
51	36.6	29.1	43.7



Acetone
 Concen: 633.29 ug/l
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	43	Resp:	428953
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.7	38.5





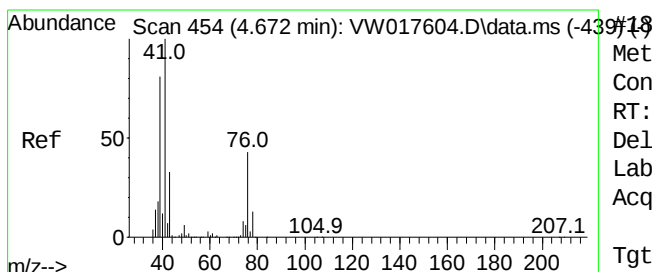
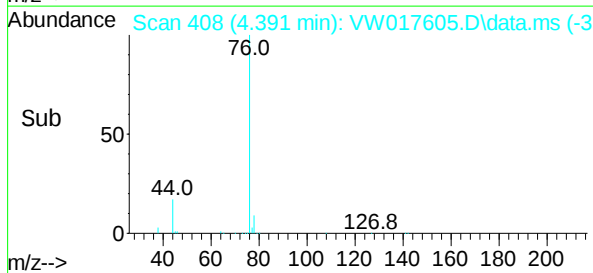
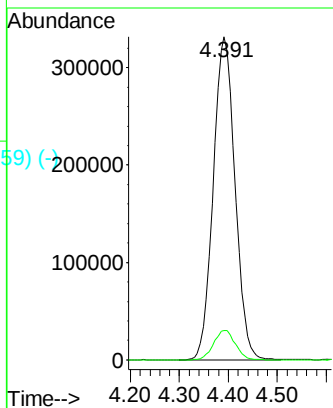
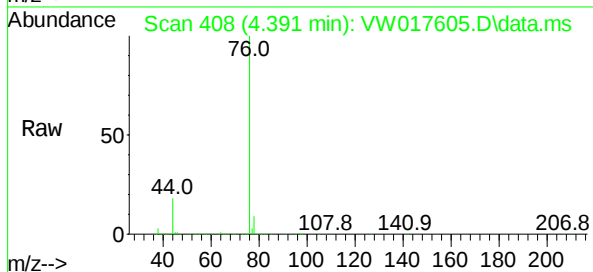
Carbon Disulfide
Concen: 105.04 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 1023765
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

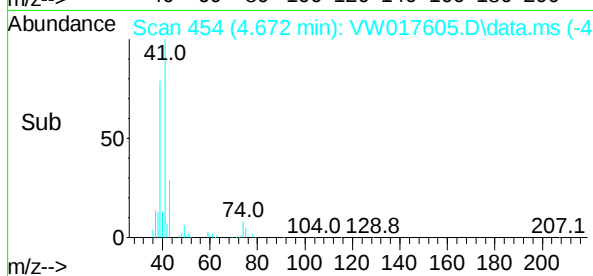
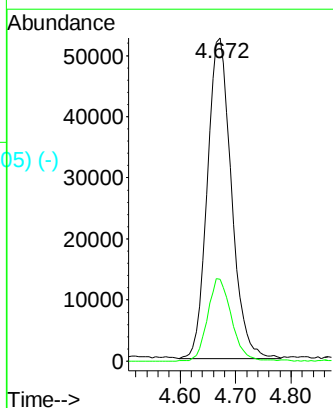
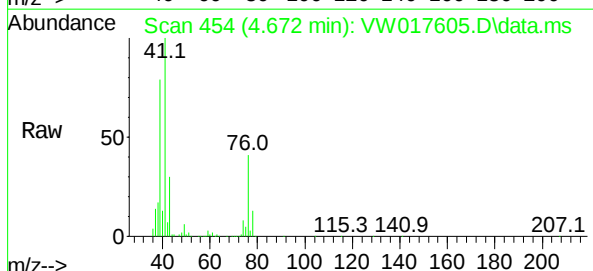
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

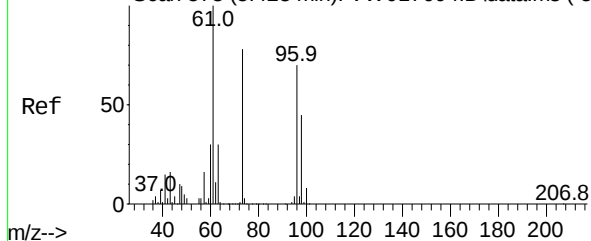


Methyl Acetate
Concen: 109.26 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 43 Resp: 158427
Ion Ratio Lower Upper
43 100
74 25.5 23.8 35.6



Abundance Scan 578 (5.428 min): VW017604.D\data.ms (-562) 19



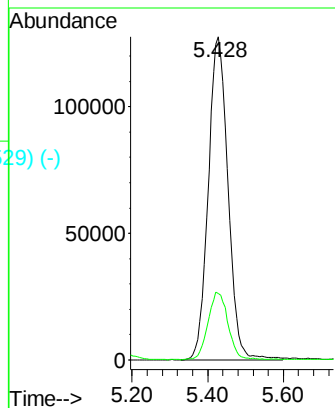
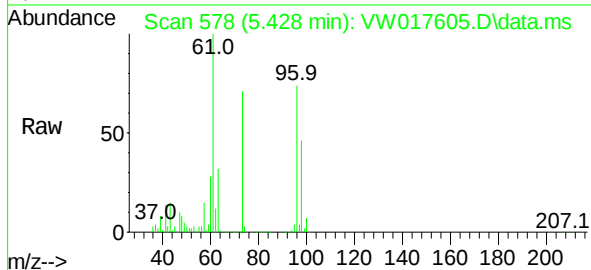
Methyl tert-butyl Ether
Concen: 113.46 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 73 Resp: 461962
Ion Ratio Lower Upper
73 100
57 20.6 16.1 24.1

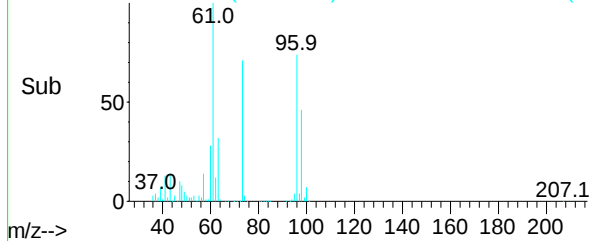
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

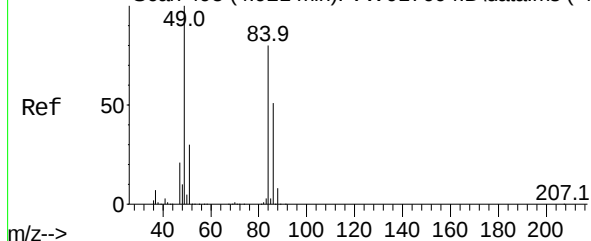
MMDadoda
12/15/2020 4:50:26 PM



Abundance Scan 578 (5.428 min): VW017605.D\data.ms (-529) (-)

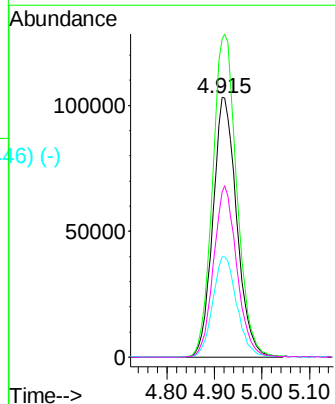
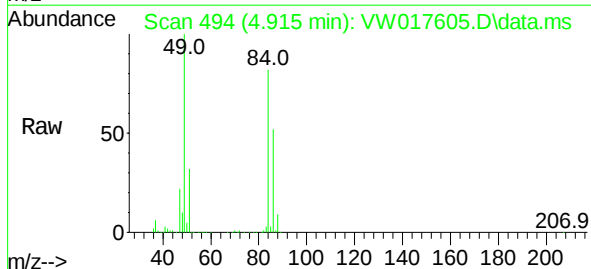


Abundance Scan 495 (4.921 min): VW017604.D\data.ms (-480) 20

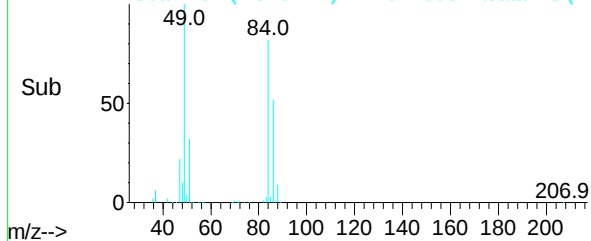


Methylene Chloride
Concen: 87.25 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 84 Resp: 359855
Ion Ratio Lower Upper
84 100
49 122.5 79.0 118.6#
51 38.5 26.1 39.1
86 63.6 50.1 75.1



Abundance Scan 494 (4.915 min): VW017605.D\data.ms (-446) (-)



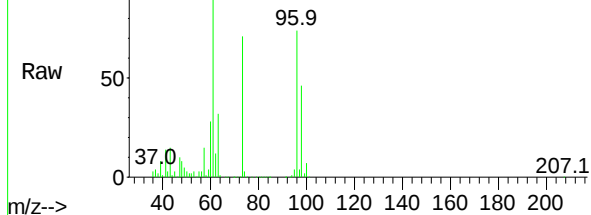
Abundance Scan 578 (5.428 min): VW017604.D\data.ms (-562) #21

trans-1,2-Dichloroethene
Concen: 108.02 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Ref 50

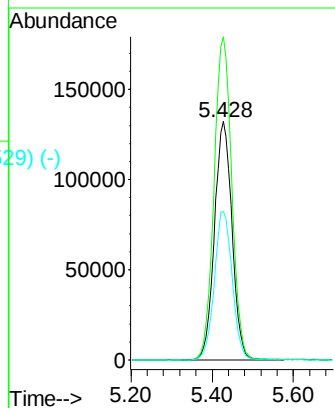
Abundance Scan 578 (5.428 min): VW017605.D\data.ms



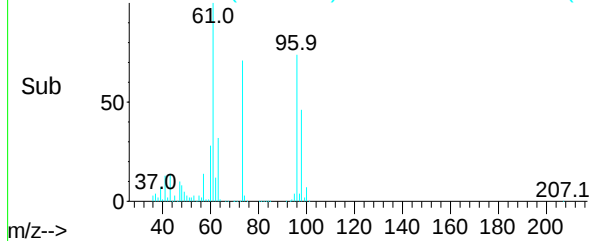
Tgt Ion:	96	Resp:	396715
Ion	Ratio	Lower	Upper
96	100		
61	135.4	97.4	146.0
98	62.1	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

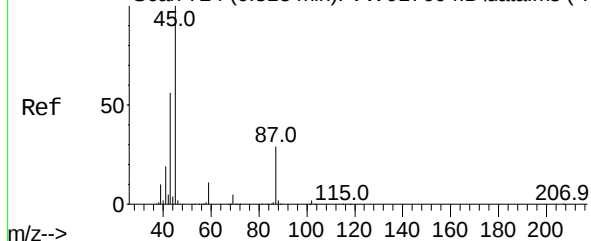


Abundance Scan 578 (5.428 min): VW017605.D\data.ms (-529) (-)

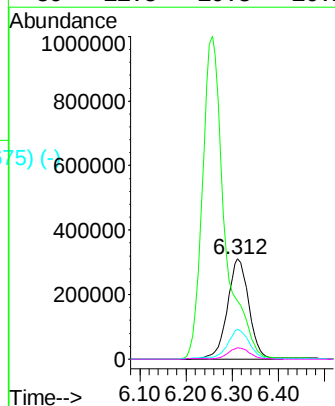
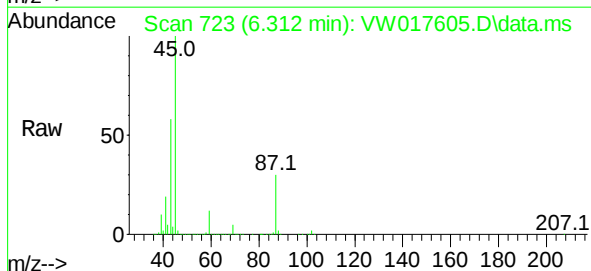


Abundance Scan 724 (6.312 min): VW017604.D\data.ms (-704) #22

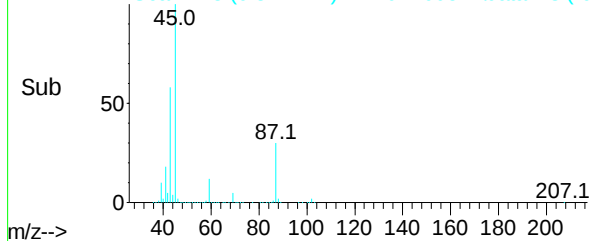
Diisopropyl ether
Concen: 112.17 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

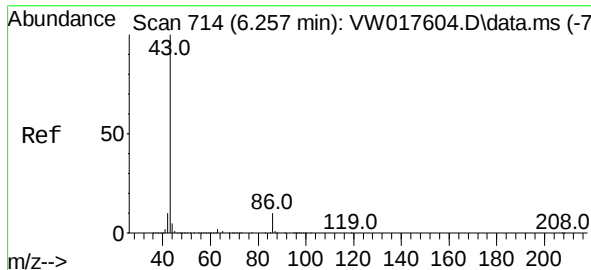


Tgt Ion:	45	Resp:	1001302
Ion	Ratio	Lower	Upper
45	100		
43	57.9	43.8	65.8
87	29.5	27.6	41.4
59	11.5	10.8	16.2



Abundance Scan 723 (6.312 min): VW017605.D\data.ms (-675) (-)





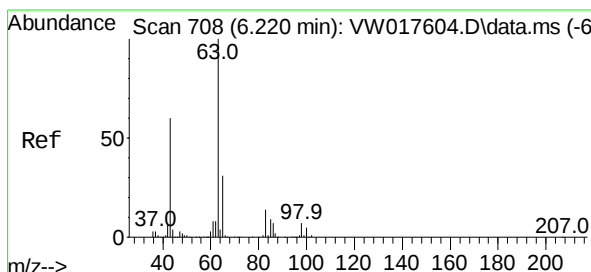
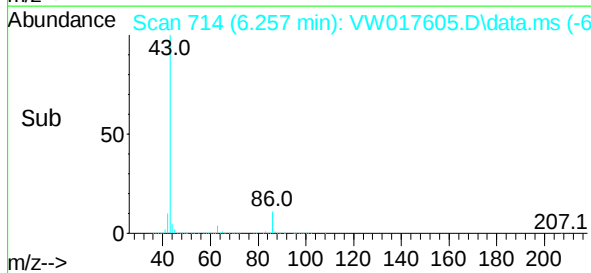
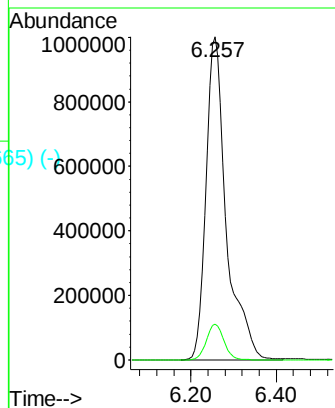
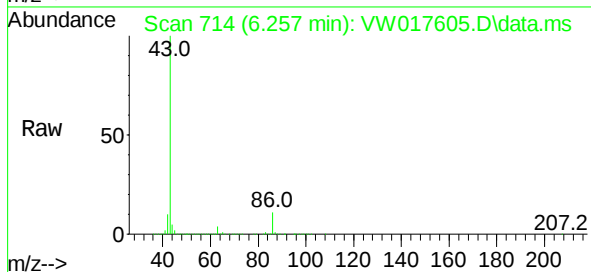
Vinyl Acetate
Concen: 594.83 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 3336022
Ion Ratio Lower Upper
43 100
86 11.1 10.2 15.4

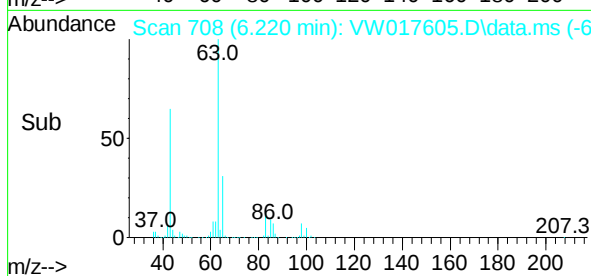
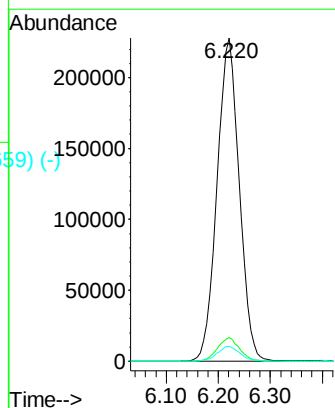
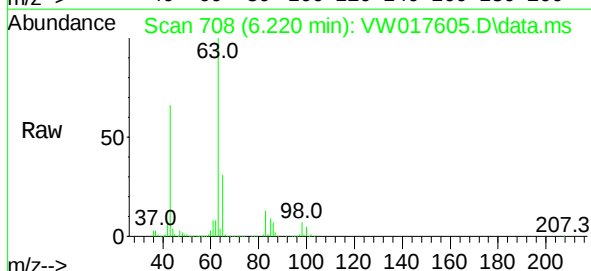
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

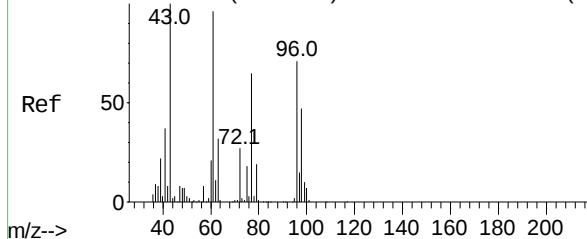


1,1-Dichloroethane
Concen: 110.85 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 63 Resp: 682305
Ion Ratio Lower Upper
63 100
98 7.3 4.2 12.6
100 4.5 2.6 7.8



Abundance Scan 865 (7.177 min): VW017604.D\data.ms (-849.25)



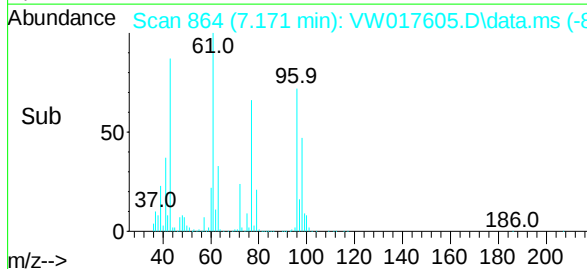
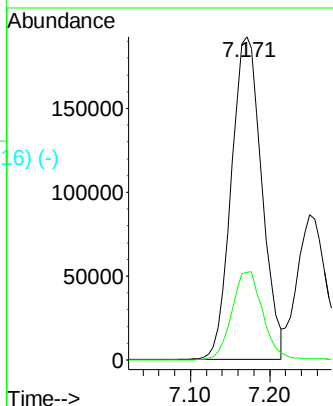
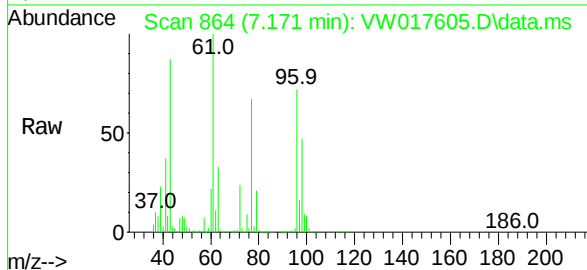
2-Butanone
Concen: 566.69 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 43 Resp: 512644
Ion Ratio Lower Upper
43 100
72 27.2 25.4 38.2

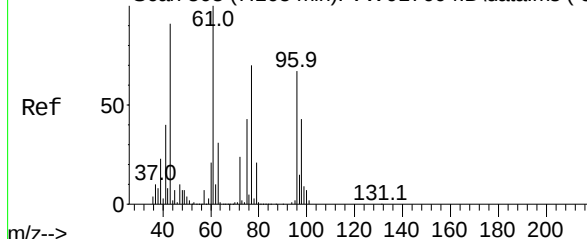
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

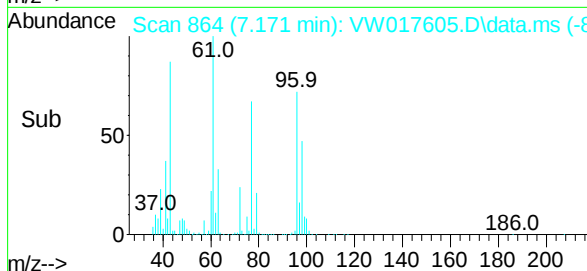
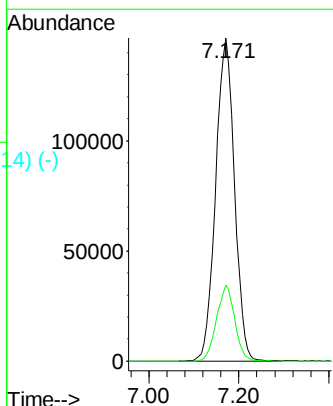
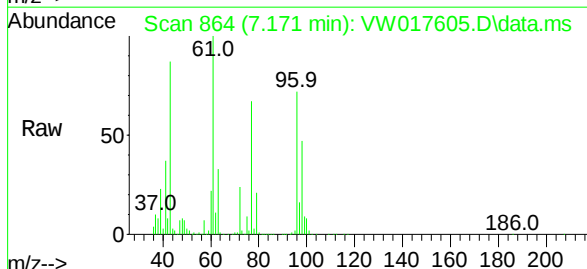


Abundance Scan 863 (7.165 min): VW017604.D\data.ms (-849.25)

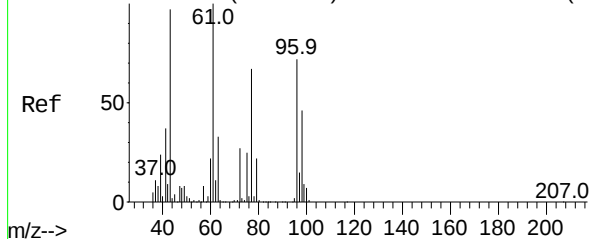


2,2-Dichloropropane
Concen: 101.18 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 77 Resp: 425084
Ion Ratio Lower Upper
77 100
97 22.7 12.4 37.4



Abundance Scan 864 (7.171 min): VW017604.D\data.ms (-851#27)



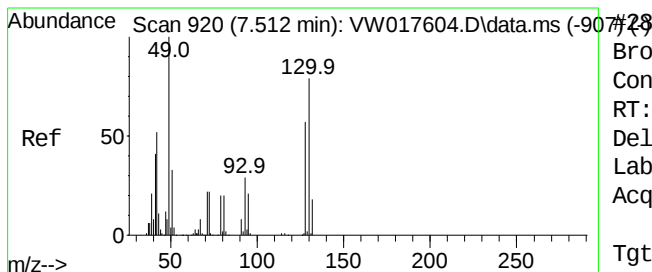
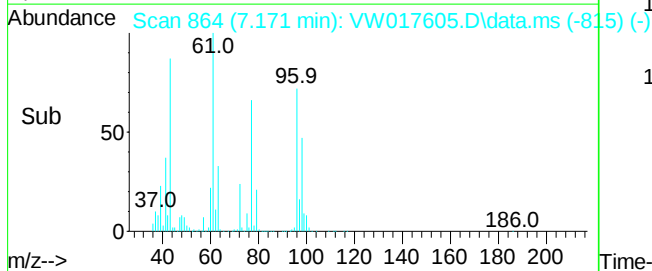
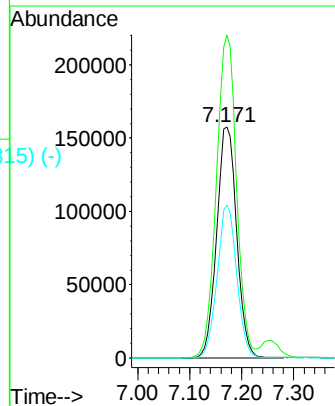
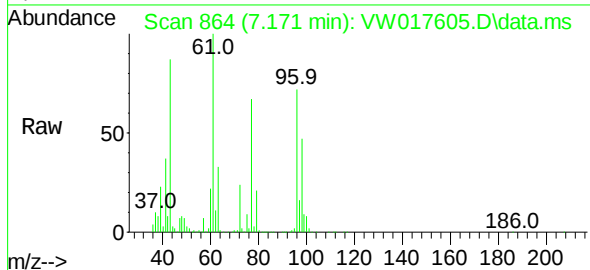
cis-1,2-Dichloroethene
Concen: 109.59 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	96	Resp:	425191
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	249.6
98	64.8	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

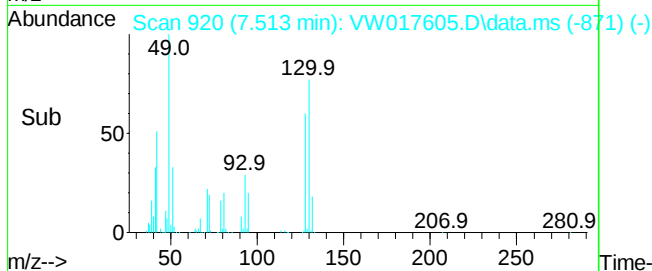
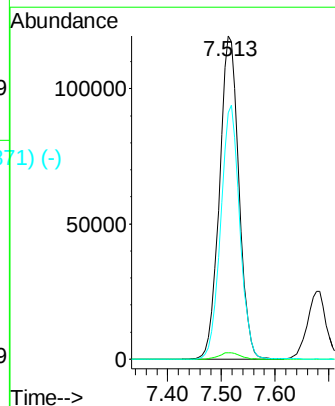
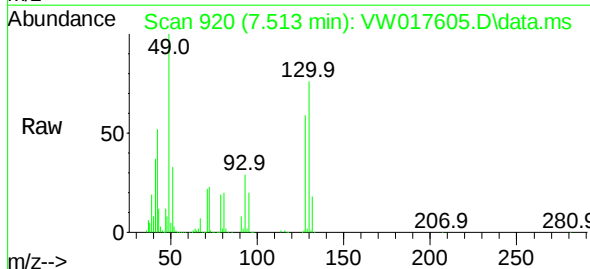
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM



Bromochloromethane
Concen: 115.29 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	49	Resp:	301709
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	77.0	81.3	121.9#



Abundance Scan 924 (7.537 min): VW017604.D\data.ms (-908729)

Tetrahydrofuran

Concen: 565.96 ug/l

RT: 7.531 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW017605.D

Acq: 14 Dec 2020 11:36

Tgt Ion: 42 Resp: 295761

Ion Ratio Lower Upper

42 100

72 44.6 42.0 63.0

71 42.2 39.0 58.6

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Manual Integrations

APPROVED

MMDadoda

12/15/2020 4:50:26 PM

Abundance Scan 923 (7.531 min): VW017605.D\data.ms

Ref

42.0

72.0

94.9

129.9

207.9

m/z-->

Abundance Scan 923 (7.531 min): VW017605.D\data.ms

Raw

42.1

72.1

94.9

129.9

206.9

m/z-->

Abundance Scan 923 (7.531 min): VW017605.D\data.ms (-875) (-)

Sub

42.0

72.0

94.9

129.9

206.9

m/z-->

Abundance

7.531

100000

80000

60000

40000

20000

0

Time-->

7.40

7.60

Abundance Scan 947 (7.677 min): VW017604.D\data.ms (-93730)

Chloroform

Concen: 109.44 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW017605.D

Acq: 14 Dec 2020 11:36

Tgt Ion: 83 Resp: 698751

Ion Ratio Lower Upper

83 100

85 64.8 51.7 77.5

Abundance Scan 947 (7.677 min): VW017605.D\data.ms

Ref

83.0

47.0

119.9

206.9

m/z-->

Abundance Scan 947 (7.677 min): VW017605.D\data.ms

Raw

47.0

83.0

119.9

206.9

m/z-->

Abundance Scan 947 (7.677 min): VW017605.D\data.ms (-898) (-)

Sub

47.0

83.0

119.9

206.9

m/z-->

Abundance

7.677

250000

200000

150000

100000

50000

0

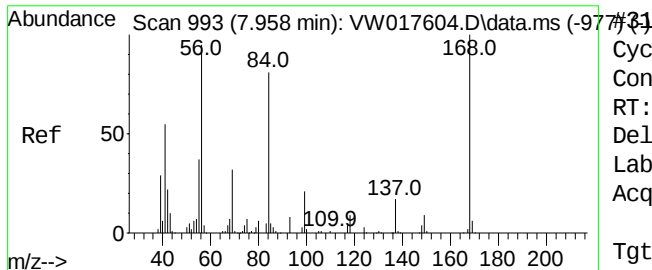
Time-->

7.50

7.60

7.70

7.80



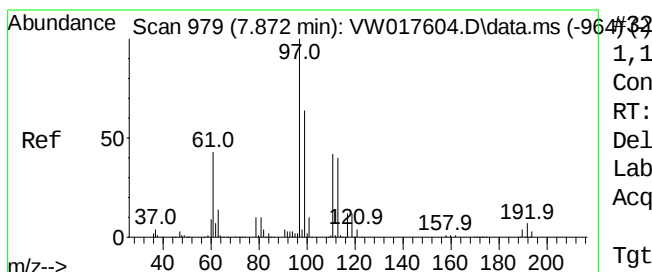
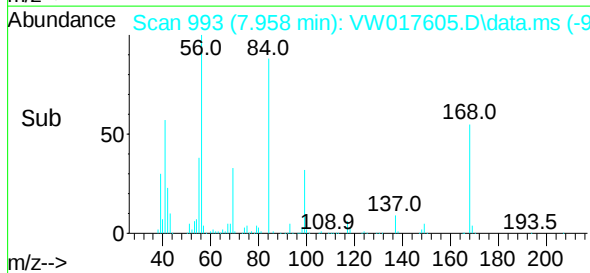
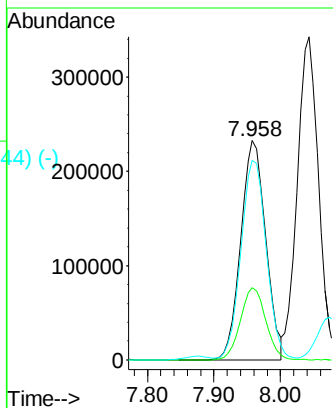
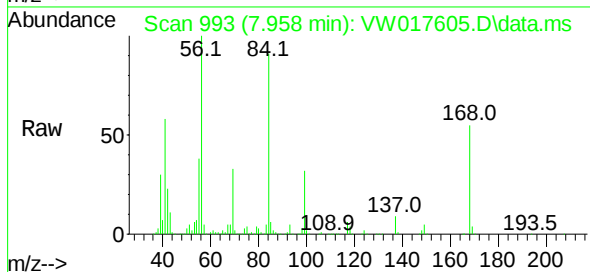
Cyclohexane
Concen: 103.03 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	56	Resp:	605149
Ion	Ratio	Lower	Upper
56	100		
69	32.9	29.3	43.9
84	90.5	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

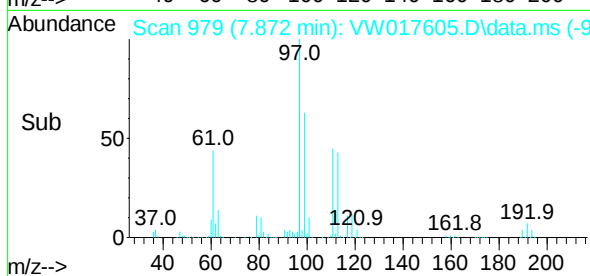
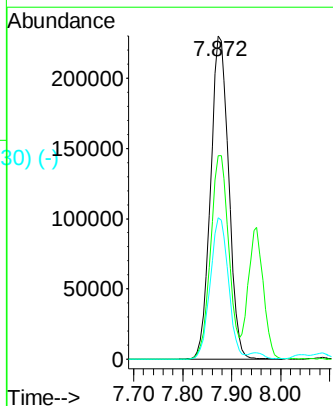
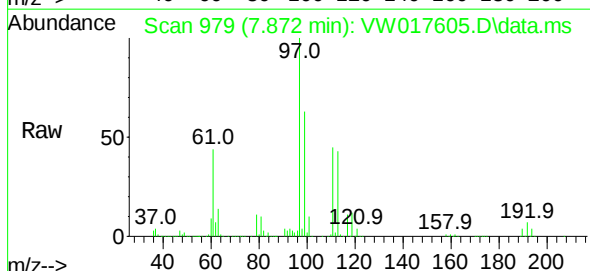
Manual Integrations
APPROVED

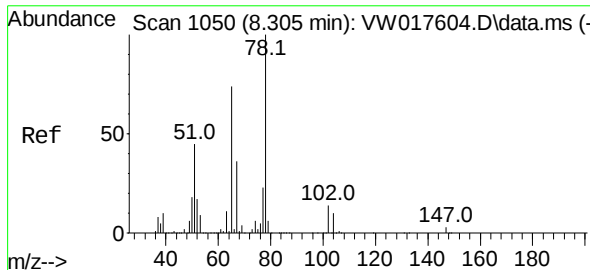
MMDadoda
12/15/2020 4:50:26 PM



1,1,1-Trichloroethane
Concen: 108.53 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	97	Resp:	589857
Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.4	78.6
61	44.1	31.9	47.9





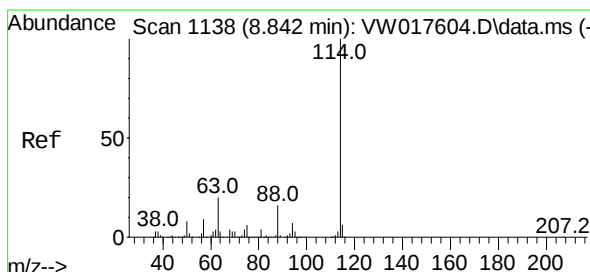
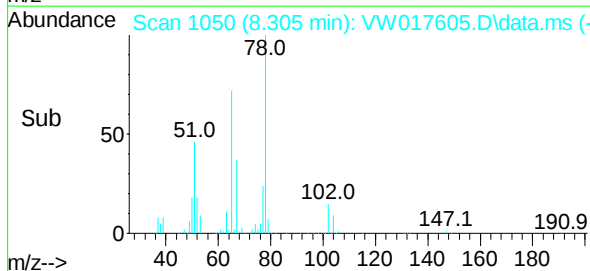
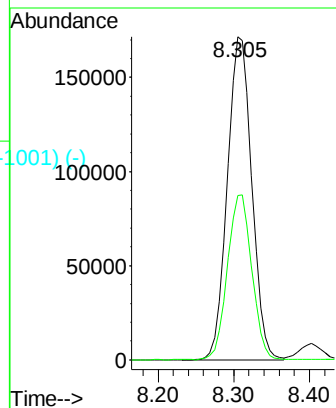
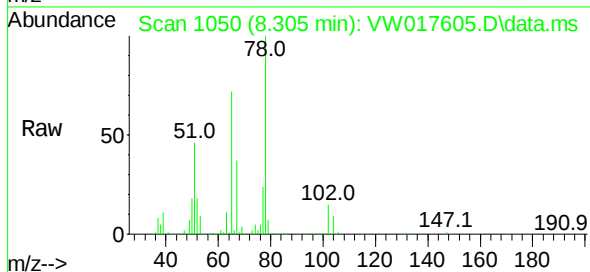
1,2-Dichloroethane-d4
Concen: 111.68 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 384441
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8

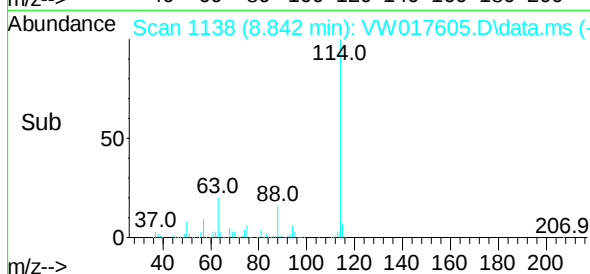
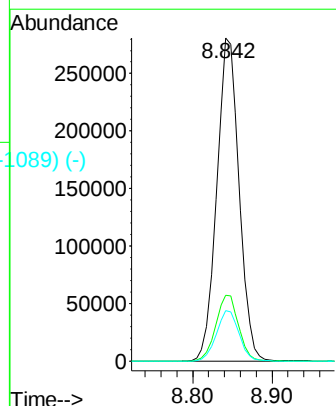
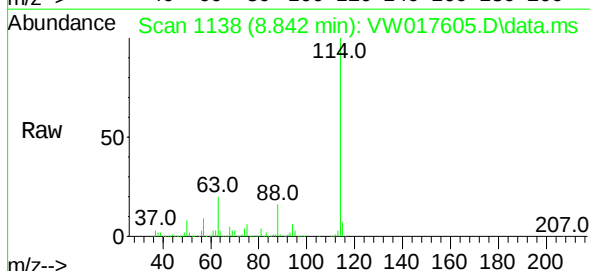
Manual Integrations
APPROVED

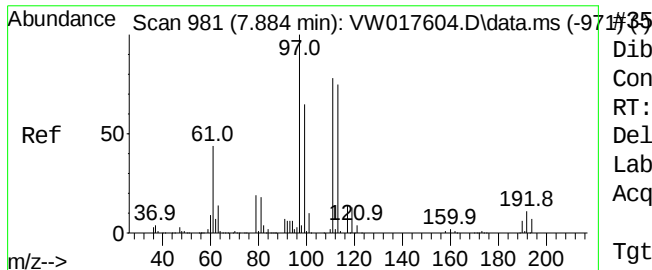
MMDadoda
12/15/2020 4:50:26 PM



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:114 Resp: 550110
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.6
88 15.7 0.0 30.4





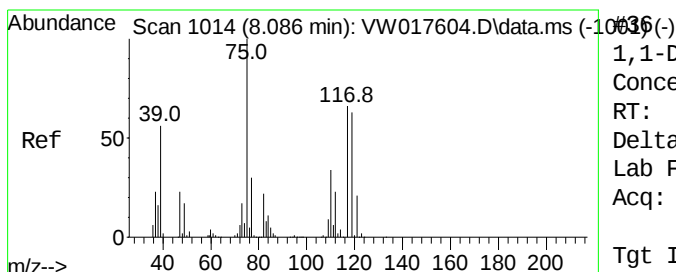
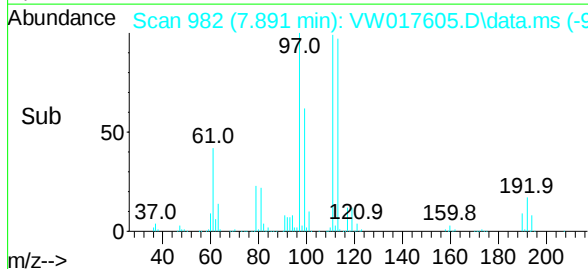
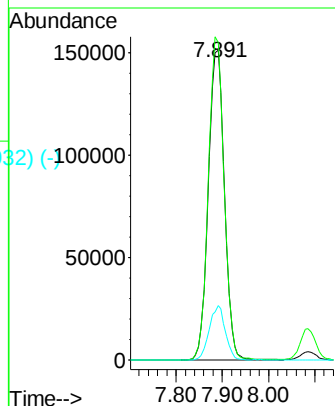
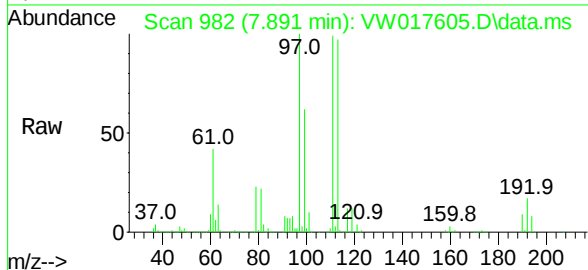
Dibromofluoromethane
Concen: 103.95 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 113 Resp: 367051
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 17.2 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

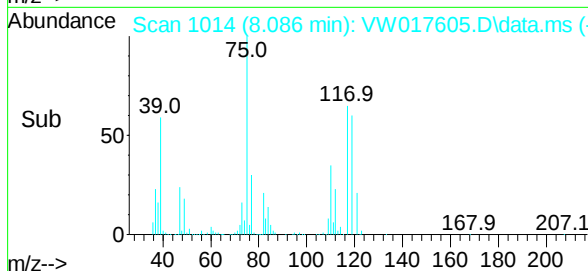
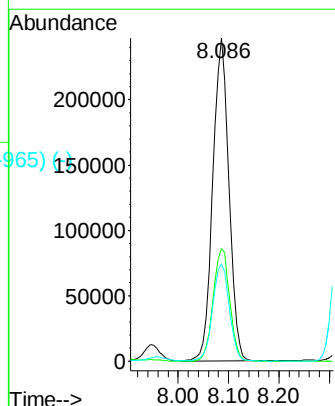
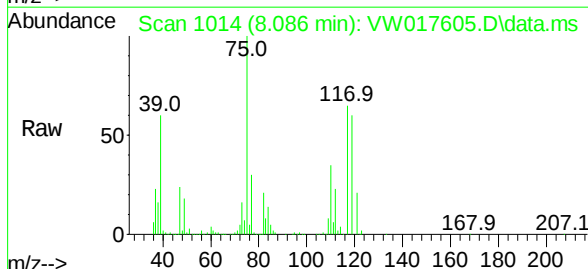
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

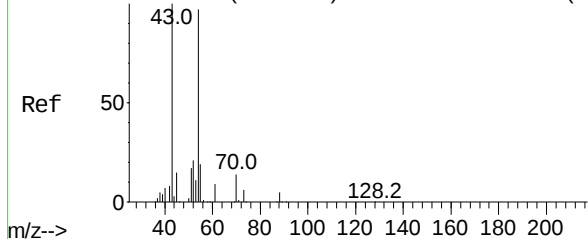


1,1-Dichloropropene
Concen: 100.08 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 75 Resp: 549550
Ion Ratio Lower Upper
75 100
110 35.7 19.3 57.9
77 31.0 25.0 37.6



Abundance Scan 877 (7.250 min): VW017604.D\data.ms (-872) (-)



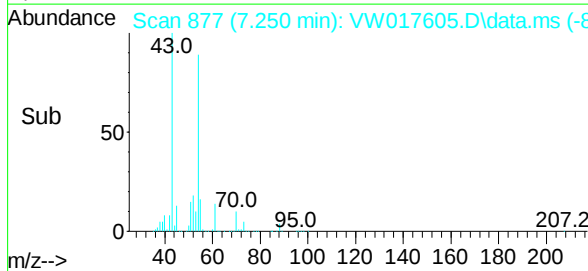
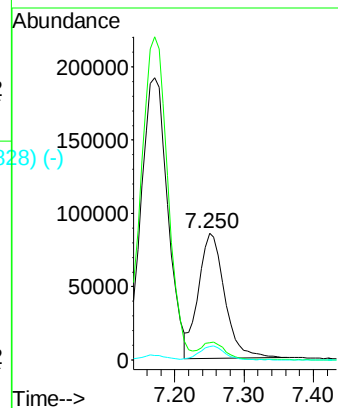
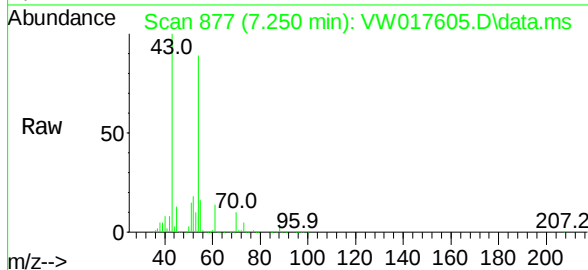
Ethyl Acetate
Concen: 109.81 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	43	Resp:	223776
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.0	18.0
70	10.3	9.9	14.9

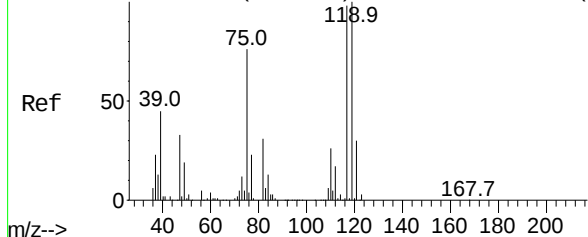
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

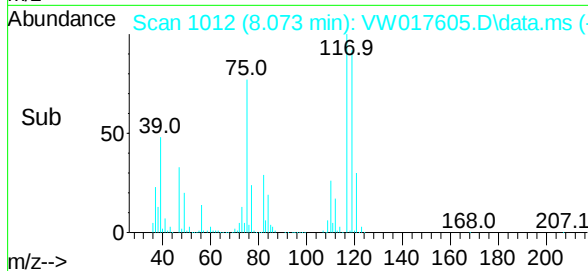
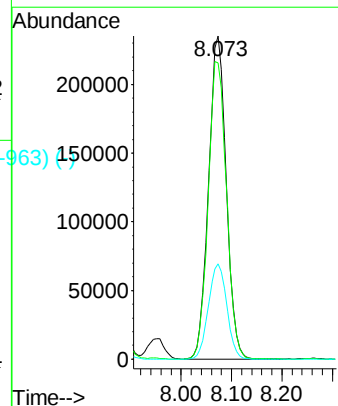
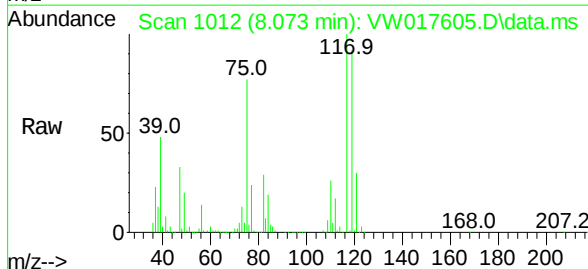


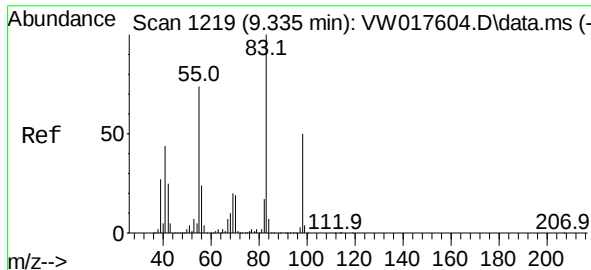
Abundance Scan 1012 (8.073 min): VW017604.D\data.ms (-1003) (-)



Carbon Tetrachloride
Concen: 100.16 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	117	Resp:	573154
Ion	Ratio	Lower	Upper
117	100		
119	91.7	81.6	122.4
121	29.6	25.7	38.5





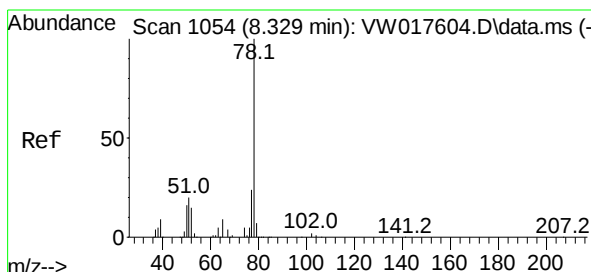
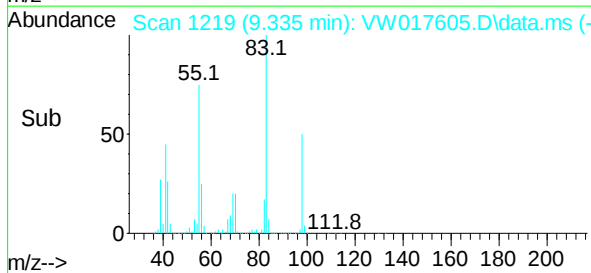
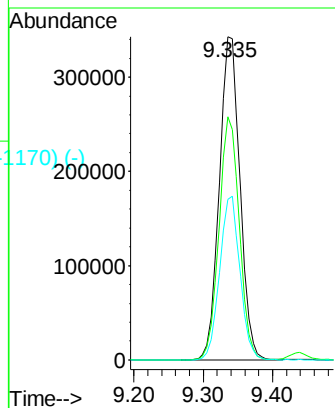
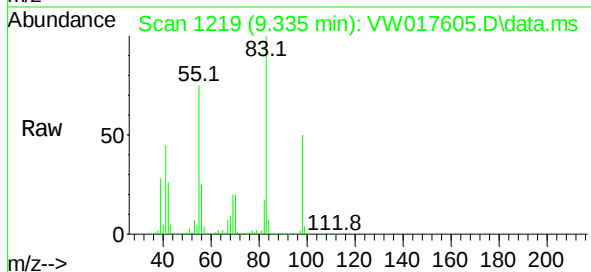
Methylcyclohexane
Concen: 107.30 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 83 Resp: 708539
Ion Ratio Lower Upper
83 100
55 75.2 51.7 77.5
98 49.7 41.0 61.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

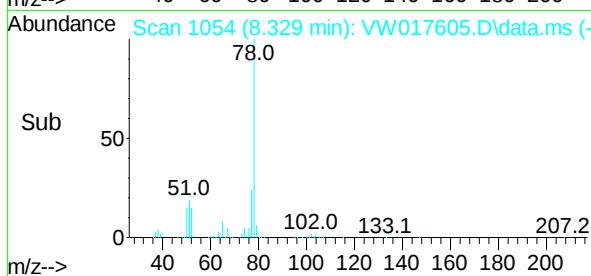
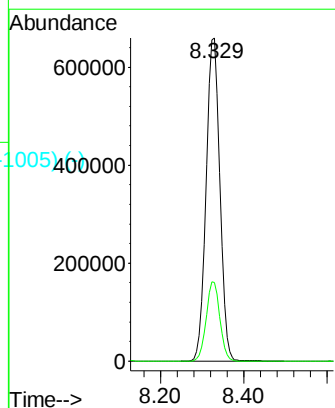
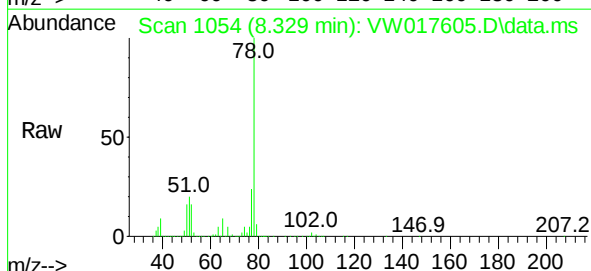
Manual Integrations
APPROVED

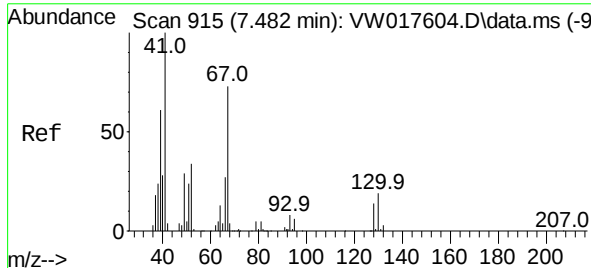
MMDadoda
12/15/2020 4:50:26 PM



Benzene
Concen: 100.04 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 78 Resp: 1496533
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7





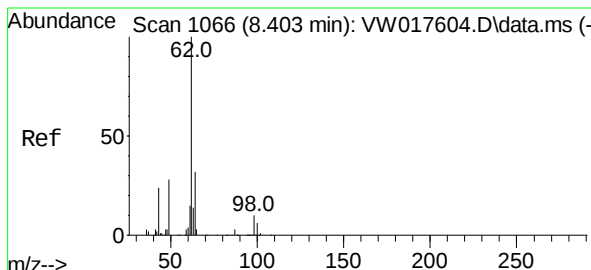
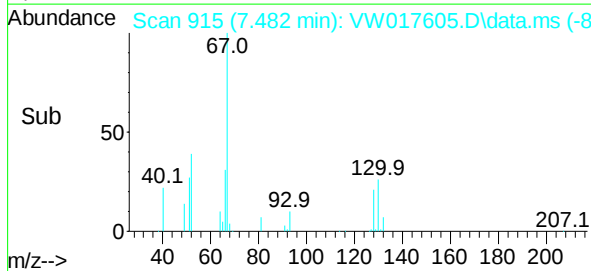
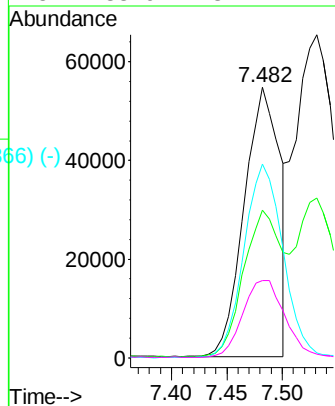
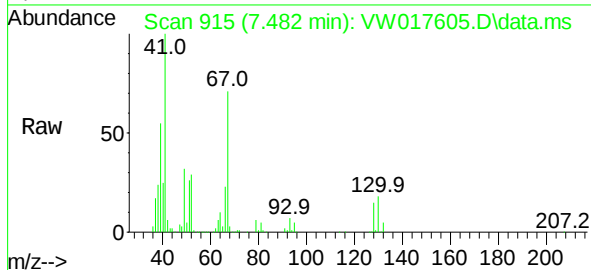
Methacrylonitrile
Concen: 98.54 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	41	Resp:	121516
Ion	Ratio	Lower	Upper
41	100		
39	61.9	47.0	70.6
67	79.3	68.6	102.8
52	33.9	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

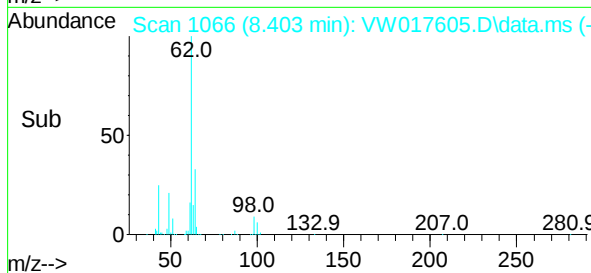
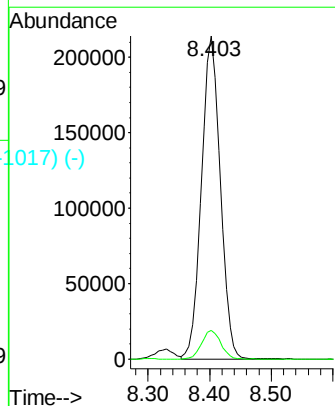
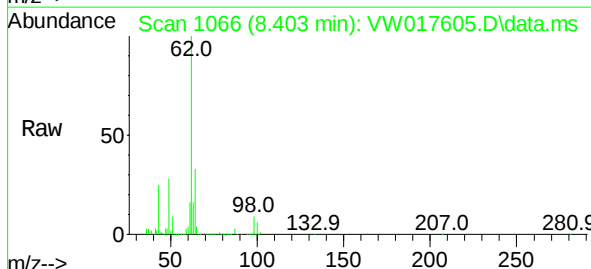
Manual Integrations
APPROVED

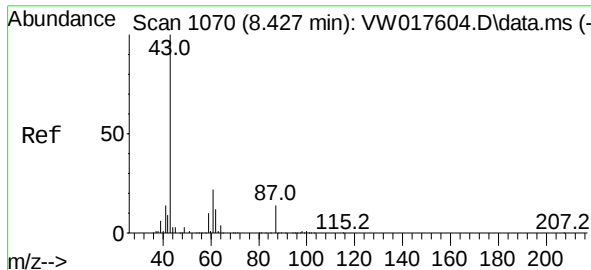
MMDadoda
12/15/2020 4:50:26 PM



1,2-Dichloroethane
Concen: 102.91 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	62	Resp:	456063
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	21.0





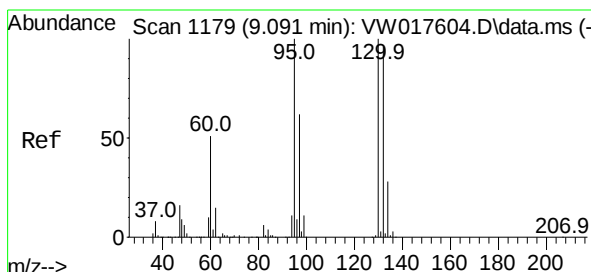
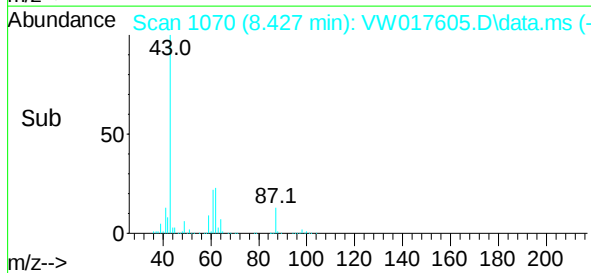
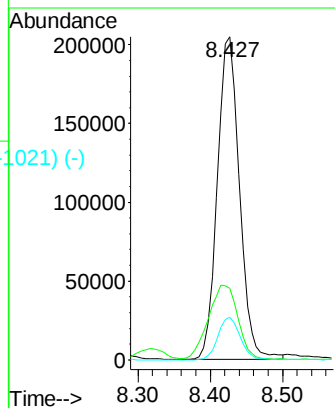
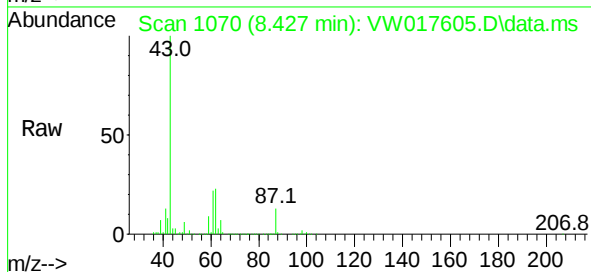
Isopropyl Acetate
Concen: 112.78 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	43	Resp:	433340
Ion	Ratio	Lower	Upper
43	100		
61	30.5	27.5	41.3
87	13.4	13.6	20.4#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

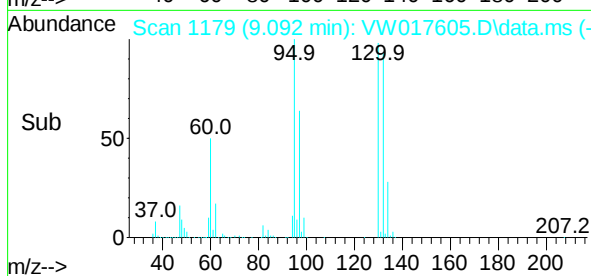
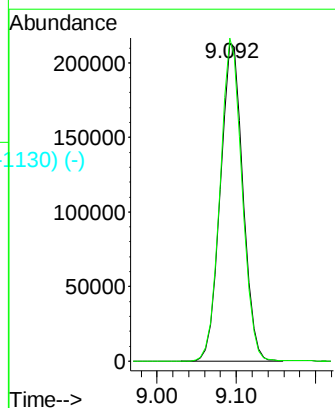
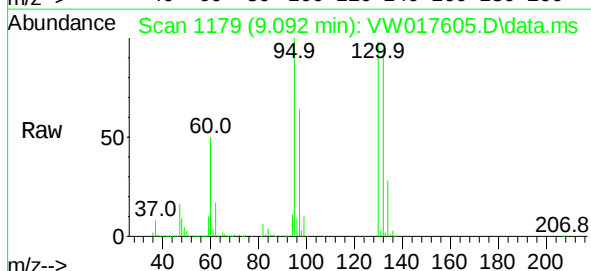
Manual Integrations
APPROVED

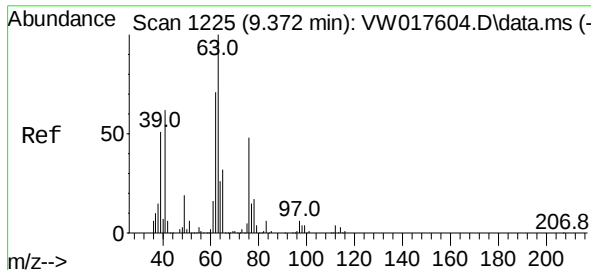
MMDadoda
12/15/2020 4:50:26 PM



Trichloroethene
Concen: 98.33 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	130	Resp:	420072
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	180.2





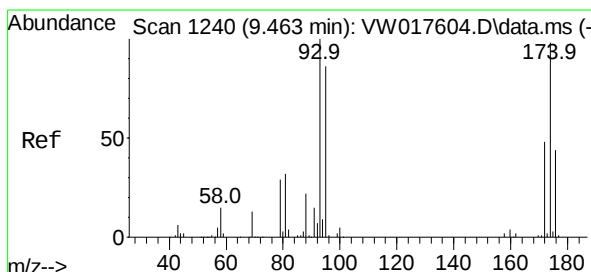
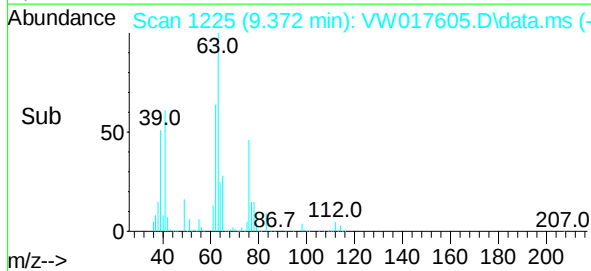
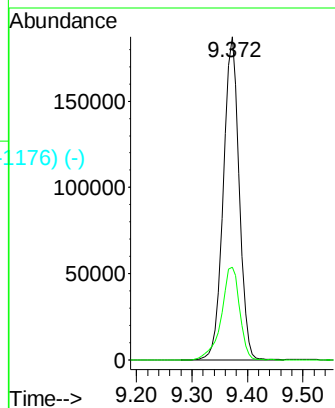
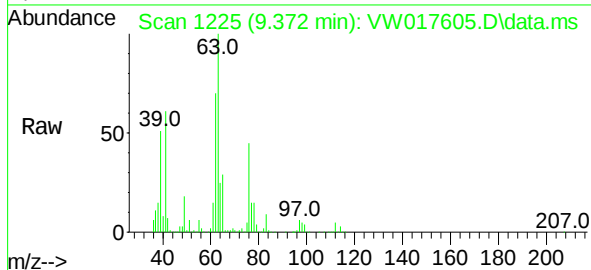
1,2-Dichloropropane
Concen: 101.99 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 370851
Ion Ratio Lower Upper
63 100
65 28.8 25.1 37.7

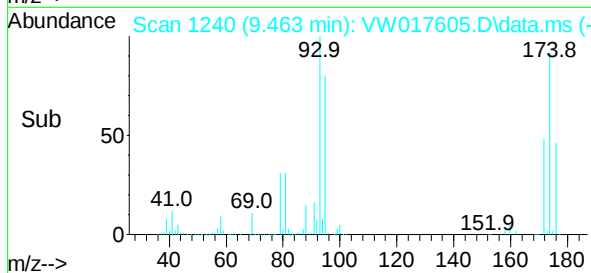
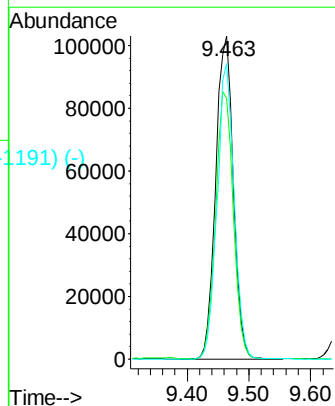
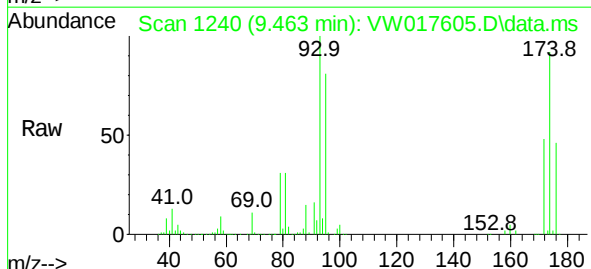
Manual Integrations
APPROVED

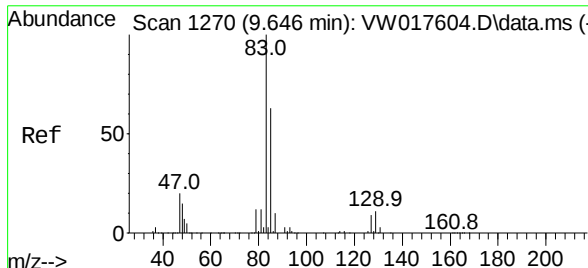
MMDadoda
12/15/2020 4:50:26 PM



Dibromomethane
Concen: 103.60 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 93 Resp: 205254
Ion Ratio Lower Upper
93 100
95 82.8 66.5 99.7
174 88.5 91.0 136.6#





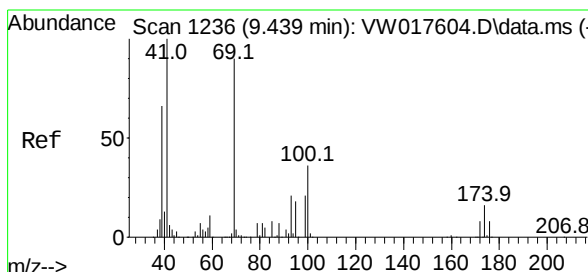
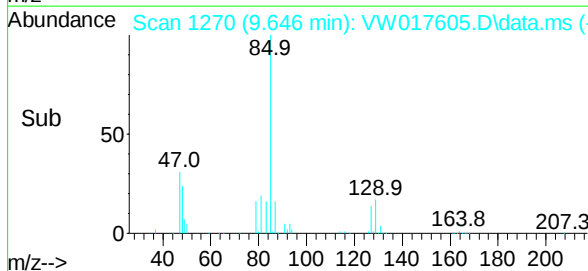
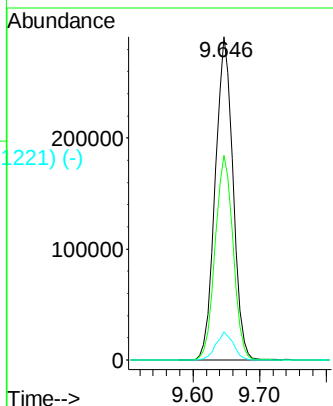
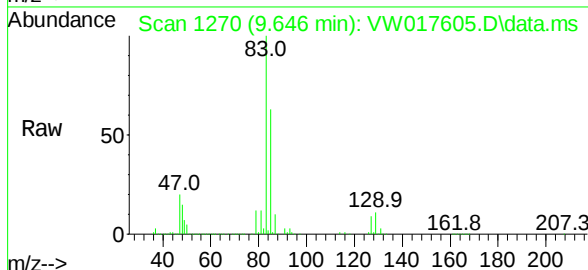
Scan 1270 (9.646 min): VW017604.D\data.ms (-1257) (-)
 Bromodichloromethane
 Concen: 105.73 ug/l
 RT: 9.646 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	83	Resp:	539538
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.7	79.1
127	8.7	7.8	11.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

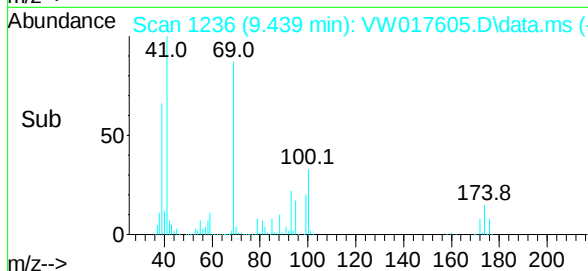
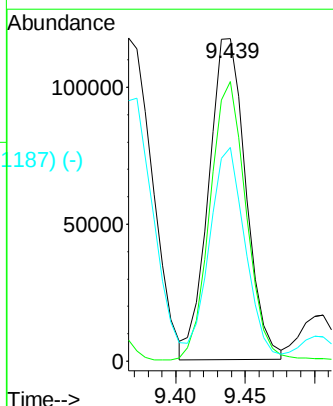
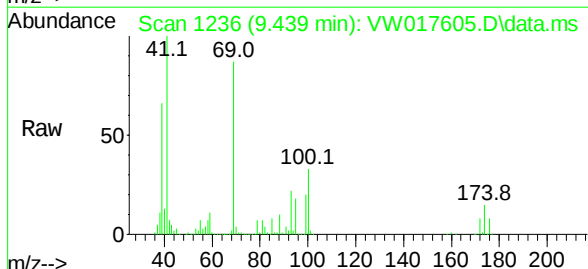
Manual Integrations
 APPROVED

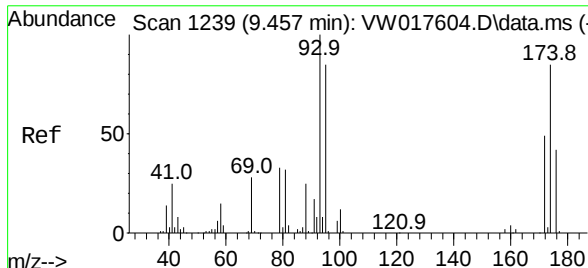
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1236 (9.439 min): VW017604.D\data.ms (-1236) (-)
 Methyl methacrylate
 Concen: 110.99 ug/l
 RT: 9.439 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

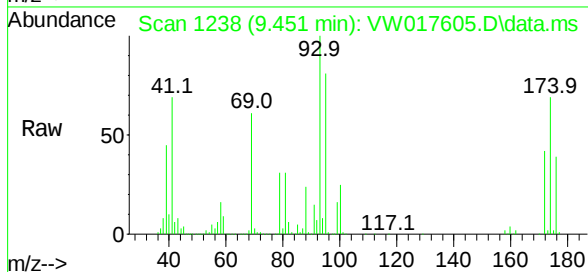
Tgt Ion:	41	Resp:	218750
Ion	Ratio	Lower	Upper
41	100		
69	85.3	83.5	125.3
39	59.5	50.9	76.3





Scan 1239 (9.457 min): VW017604.D\data.ms (-1239) (-)
 1,4-Dioxane
 Concen: 2103.41 ug/l
 RT: 9.451 min Scan# 1238
 Delta R.T. -0.006 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

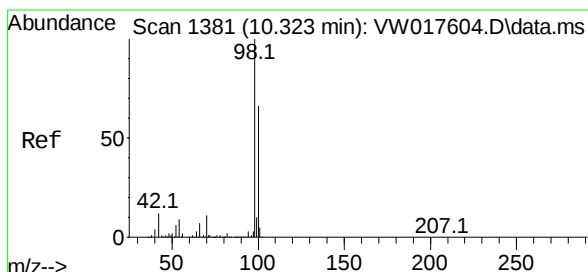
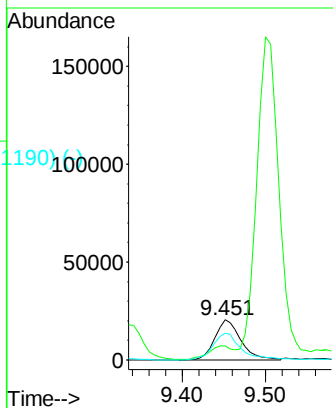
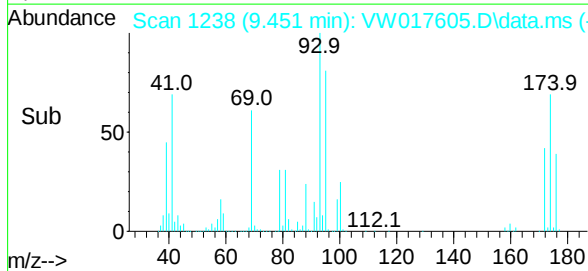


Tgt Ion: 88 Resp: 44799

Ion	Ratio	Lower	Upper
88	100		
43	30.7	0.0	0.0#
58	72.4	54.0	81.0

Manual Integrations
 APPROVED

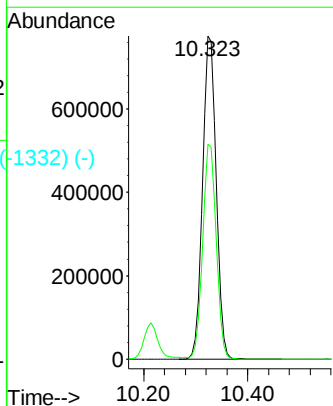
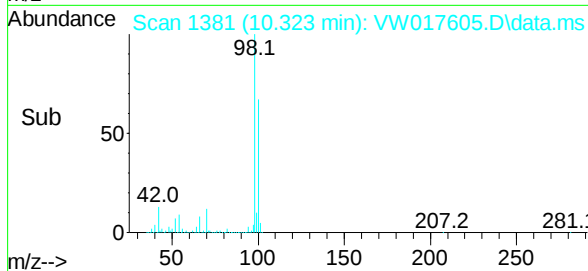
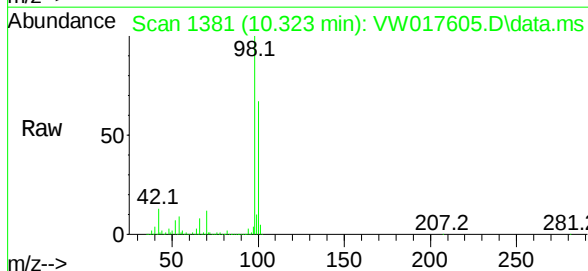
MMDadoda
 12/15/2020 4:50:26 PM

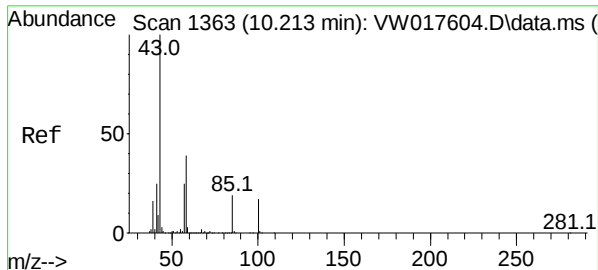


Scan 1381 (10.323 min): VW017604.D\data.ms (-1350) (-)
 Toluene-d8
 Concen: 104.48 ug/l
 RT: 10.323 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 98 Resp: 1390030

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9





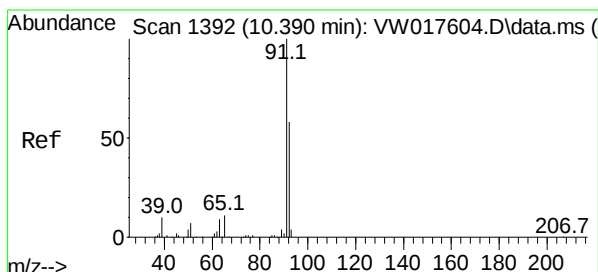
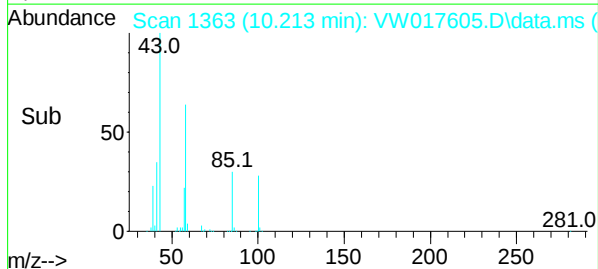
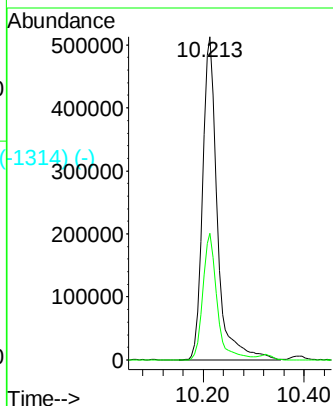
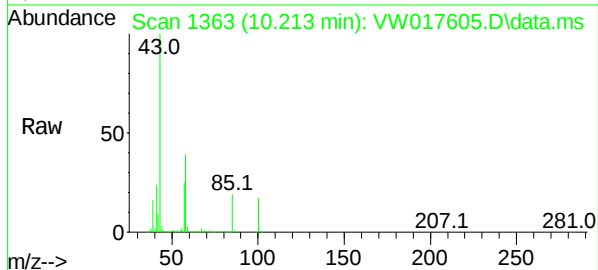
4-Methyl-2-Pentanone
Concen: 544.34 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 43 Resp: 1040338
Ion Ratio Lower Upper
43 100
58 38.2 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

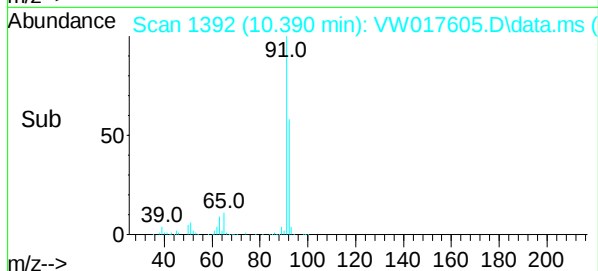
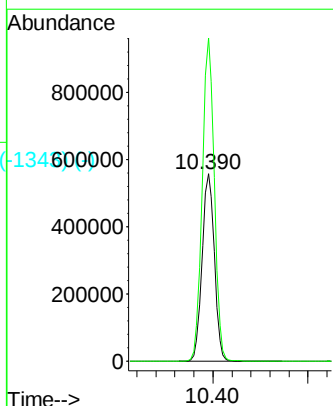
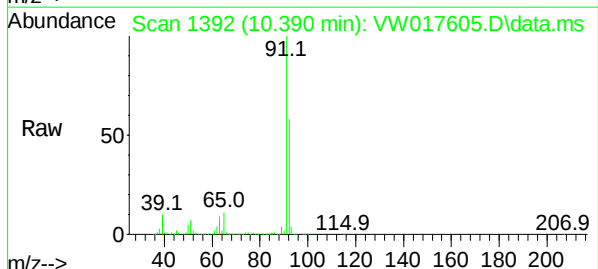
Manual Integrations
APPROVED

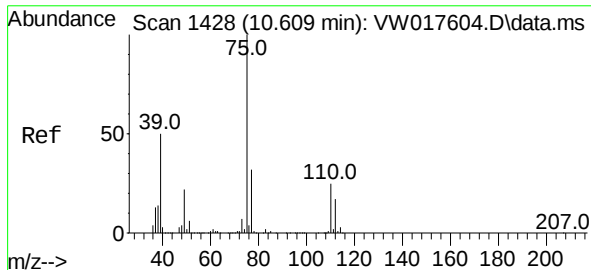
MMDadoda
12/15/2020 4:50:26 PM



Toluene
Concen: 105.07 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 92 Resp: 994455
Ion Ratio Lower Upper
92 100
91 169.7 134.7 202.1





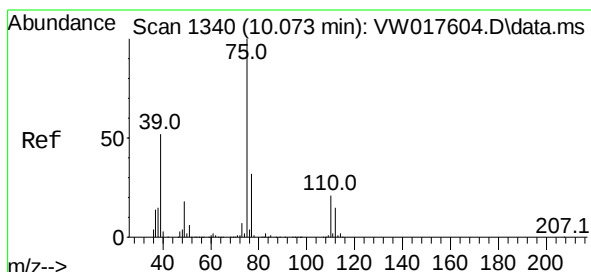
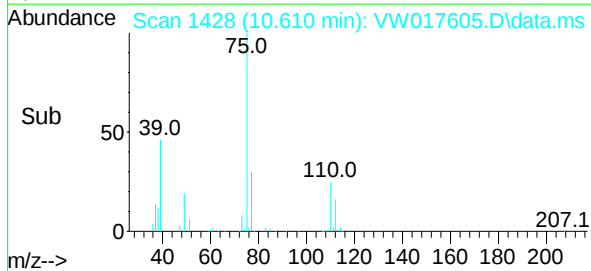
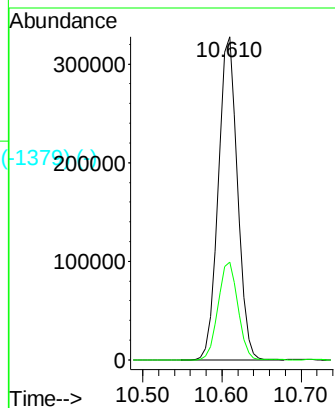
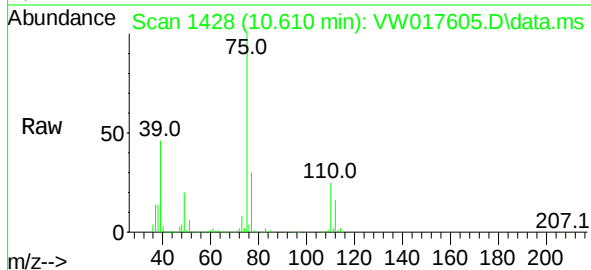
Scan 1428 (10.609 min): VW017604.D\data.ms (-1451) (-)
 t-1,3-Dichloropropene
 Concen: 112.95 ug/l
 RT: 10.610 min Scan# 1428
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 75 Resp: 552315
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

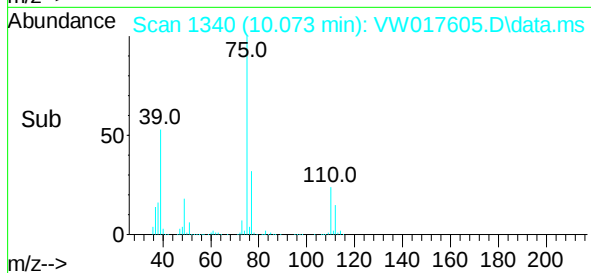
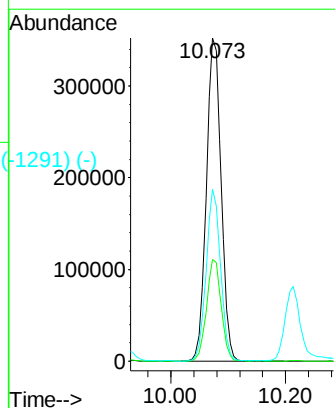
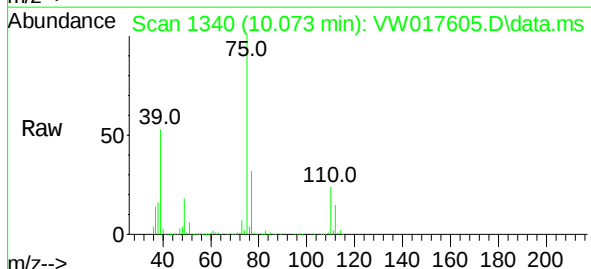
Manual Integrations
 APPROVED

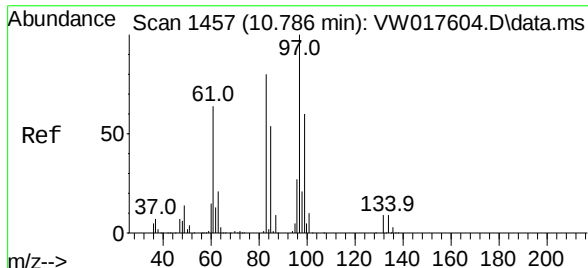
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1340 (10.073 min): VW017604.D\data.ms (-1354) (-)
 cis-1,3-Dichloropropene
 Concen: 111.01 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

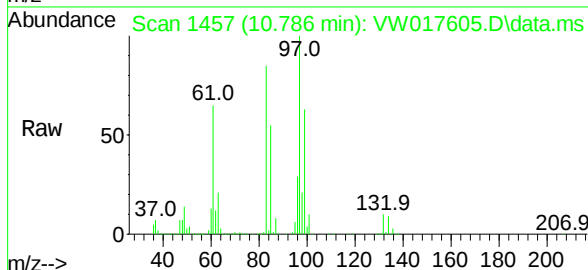
Tgt Ion: 75 Resp: 634527
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 53.1 32.9 49.3#





Scan 1457 (10.786 min): VW017604.D\data.ms (-1455) (-)
 1,1,2-Trichloroethane
 Concen: 101.31 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

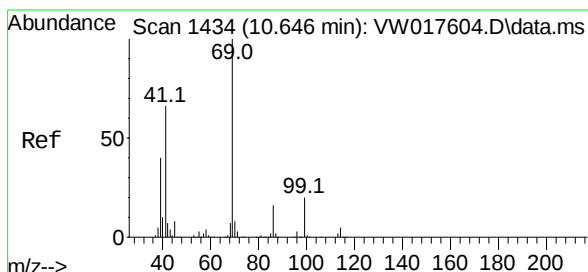
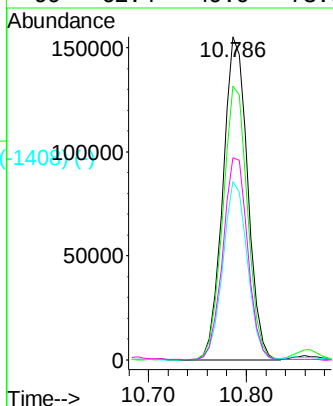
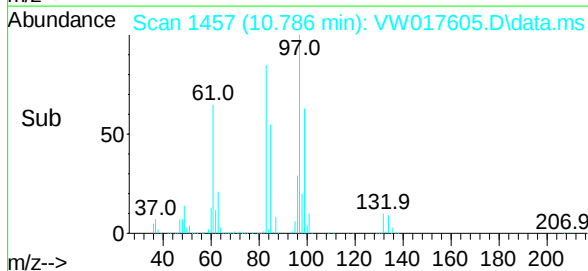


Tgt Ion: 97 Resp: 272250

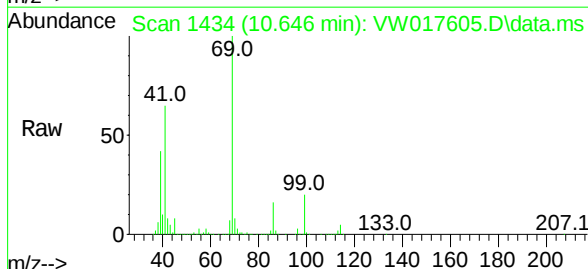
Ion	Ratio	Lower	Upper
97	100		
83	84.7	64.6	97.0
85	55.1	40.6	61.0
99	62.4	49.0	73.6

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:50:26 PM

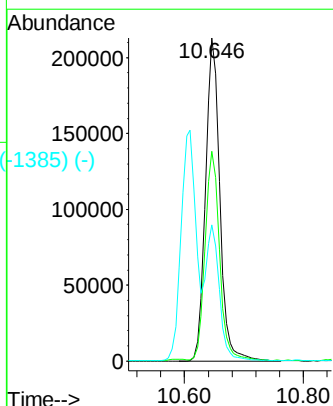
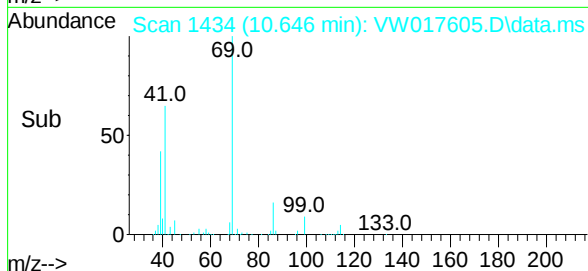


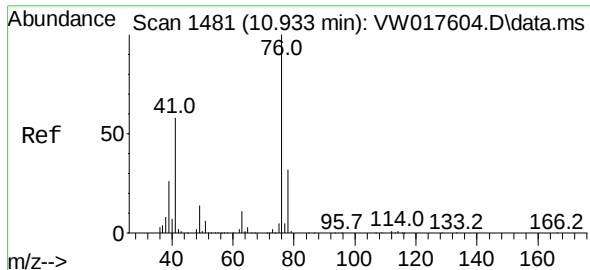
Scan 1434 (10.646 min): VW017604.D\data.ms (-1426) (-)
 Ethyl methacrylate
 Concen: 116.04 ug/l
 RT: 10.646 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36



Tgt Ion: 69 Resp: 355288

Ion	Ratio	Lower	Upper
69	100		
41	65.2	46.3	69.5
39	40.1	25.9	38.9#





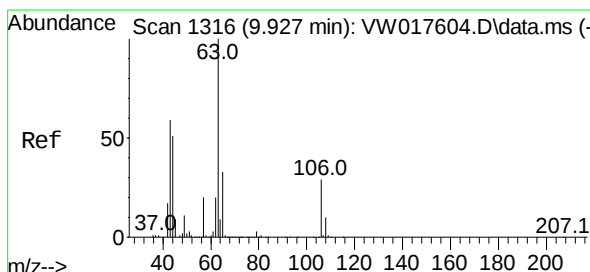
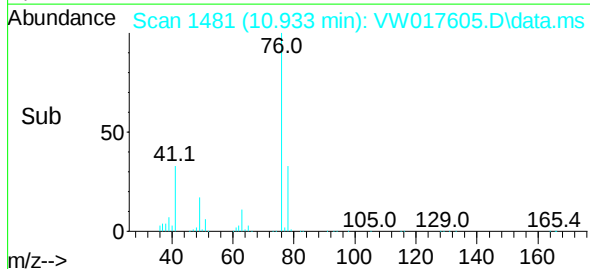
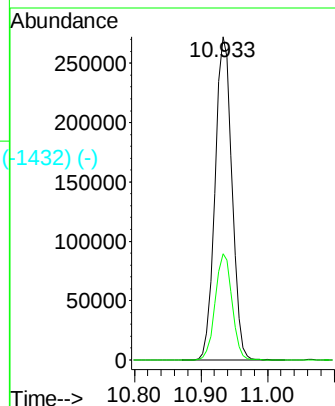
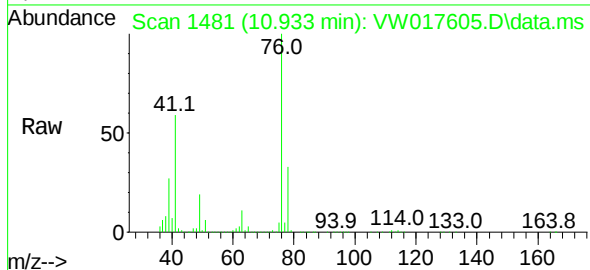
1,3-Dichloropropane
Concen: 102.76 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 76 Resp: 478788
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

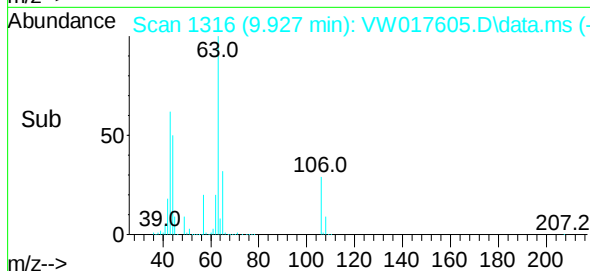
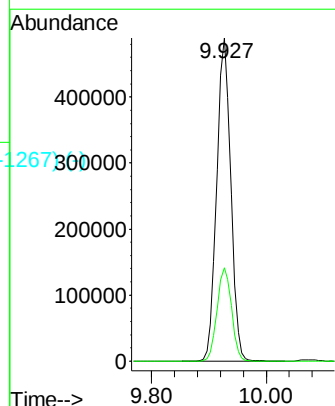
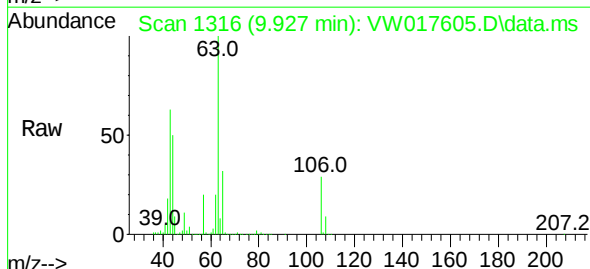
Manual Integrations
APPROVED

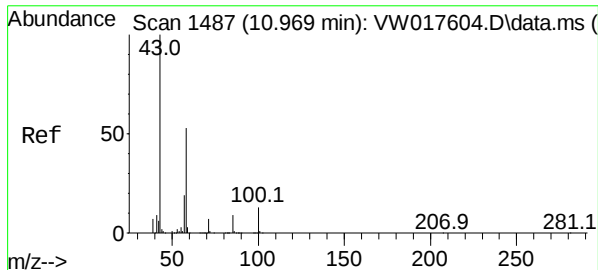
MMDadoda
12/15/2020 4:50:26 PM



2-Chloroethyl Vinyl ether
Concen: 546.21 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 63 Resp: 831335
Ion Ratio Lower Upper
63 100
106 29.5 27.0 40.4





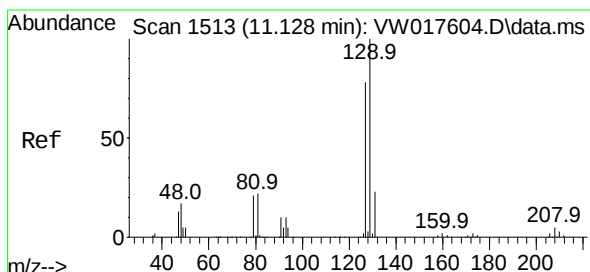
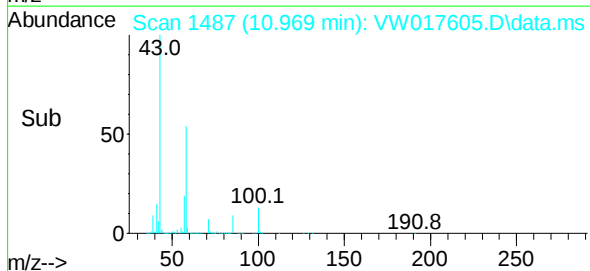
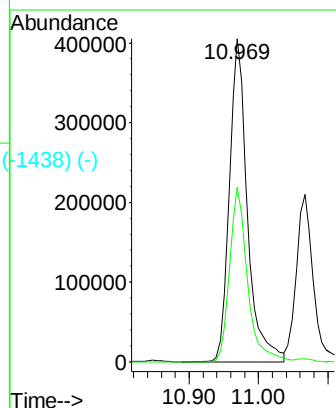
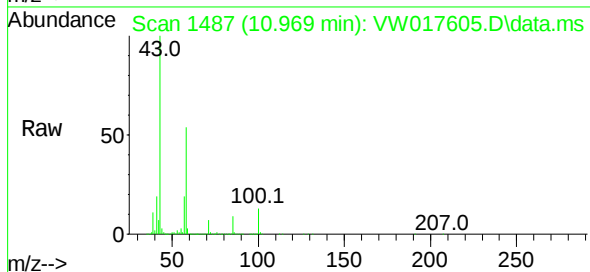
2-Hexanone
Concen: 575.84 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 730257
Ion Ratio Lower Upper
43 100
58 53.9 29.5 88.5

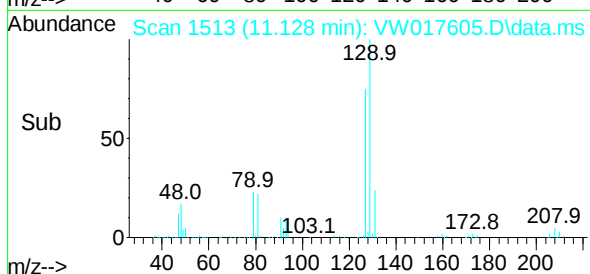
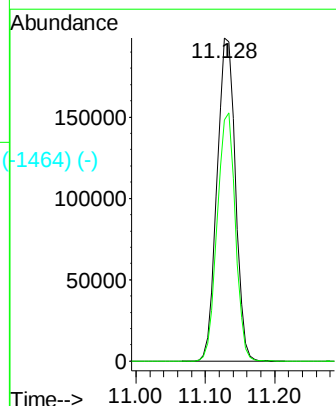
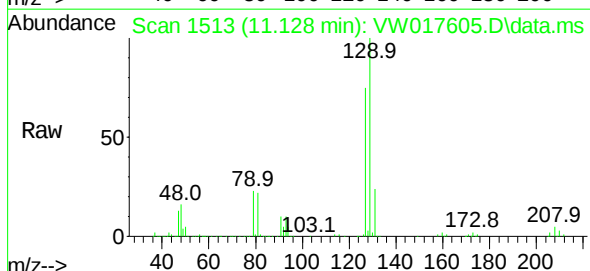
Manual Integrations
APPROVED

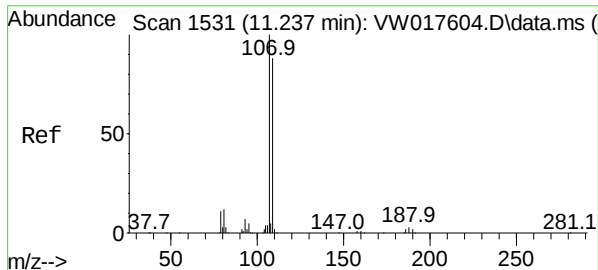
MMDadoda
12/15/2020 4:50:26 PM



Dibromochloromethane
Concen: 107.01 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:129 Resp: 363932
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6





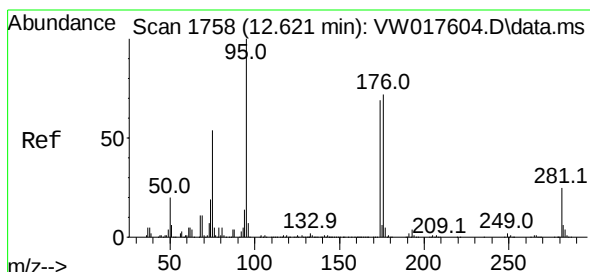
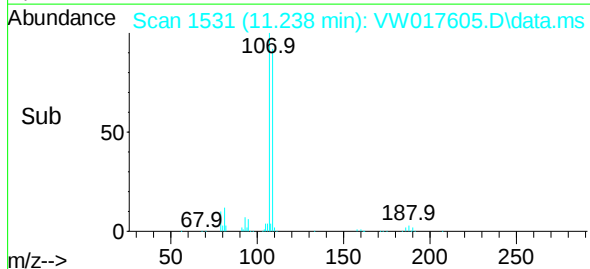
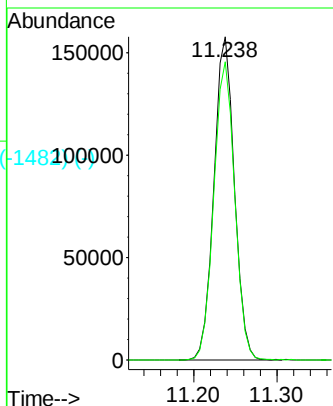
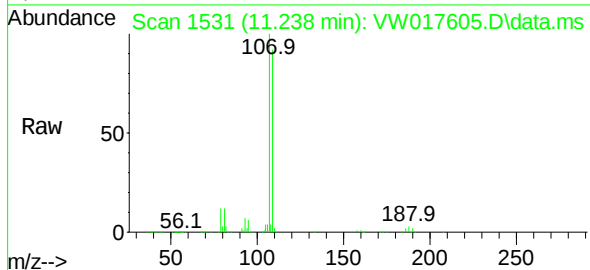
1,2-Dibromoethane
Concen: 103.77 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 271610
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1

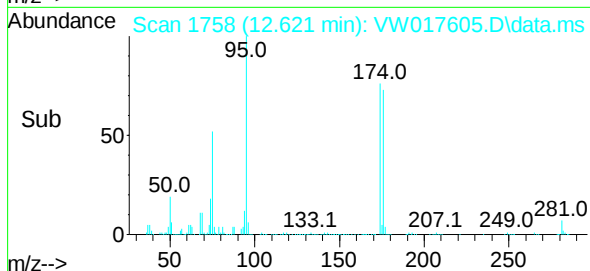
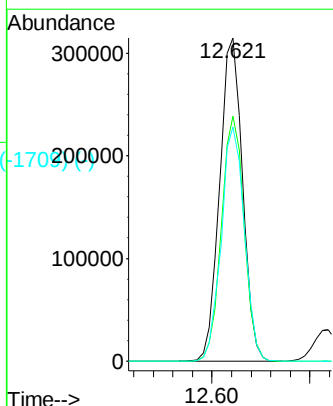
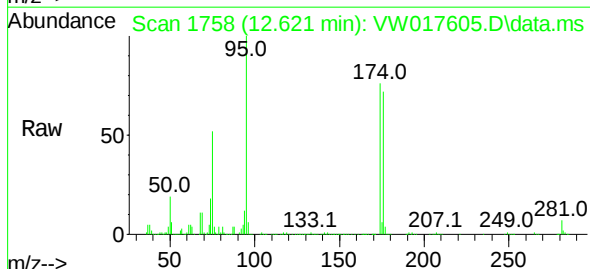
Manual Integrations
APPROVED

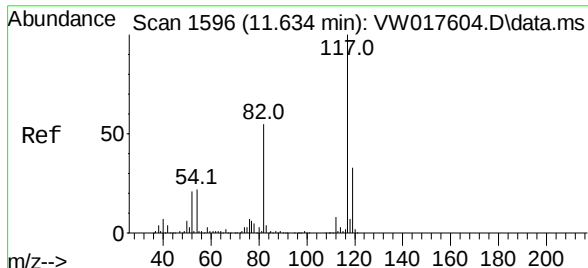
MMDadoda
12/15/2020 4:50:26 PM



4-Bromofluorobenzene
Concen: 107.99 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 95 Resp: 511497
Ion Ratio Lower Upper
95 100
174 75.1 0.0 180.6
176 73.2 0.0 177.6





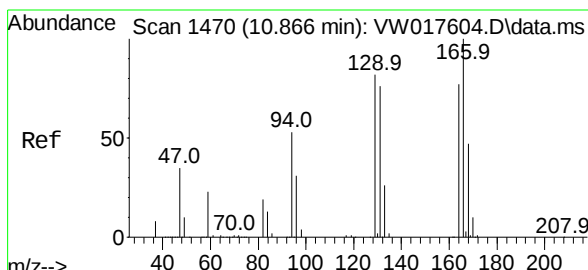
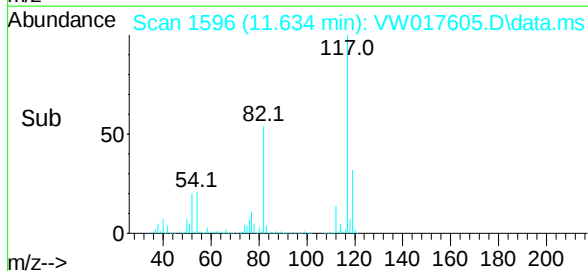
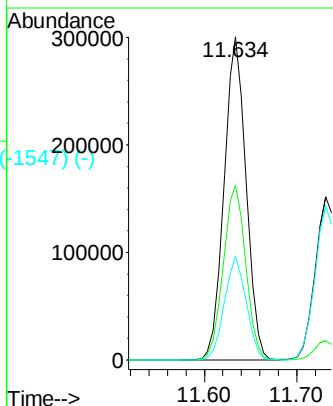
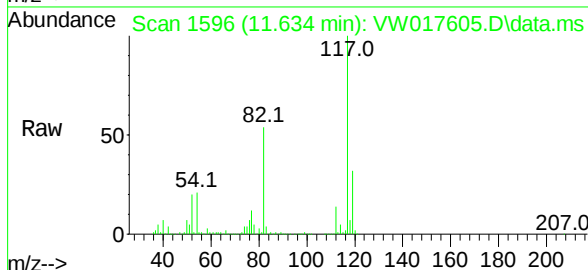
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion:	117	Resp:	495737
Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.7	61.1
119	32.1	25.0	37.4

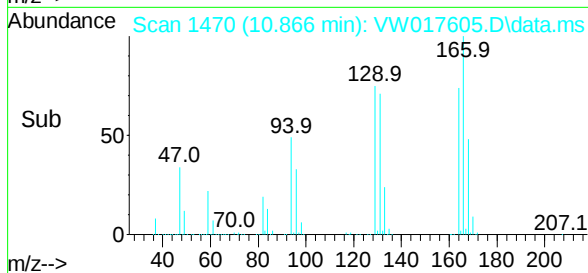
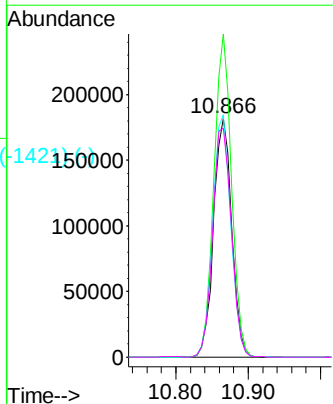
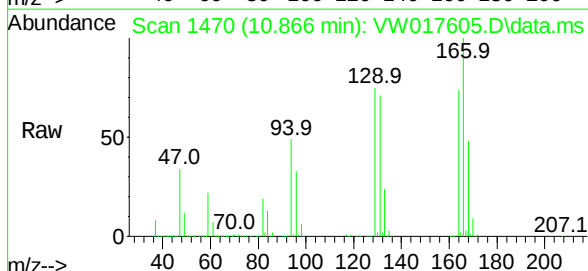
Manual Integrations
APPROVED

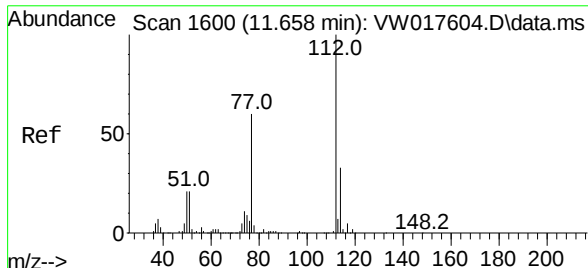
MMDadoda
12/15/2020 4:50:26 PM



Tetrachloroethene
Concen: 90.52 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	164	Resp:	315561
Ion	Ratio	Lower	Upper
164	100		
166	135.3	105.3	157.9
129	101.6	68.8	103.2
131	95.9	71.0	106.6





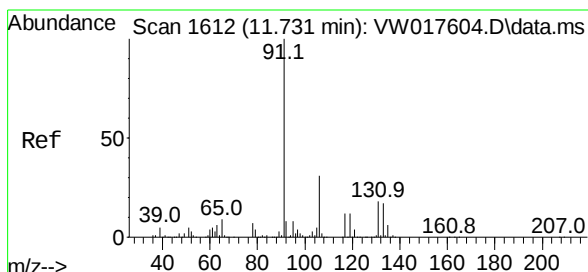
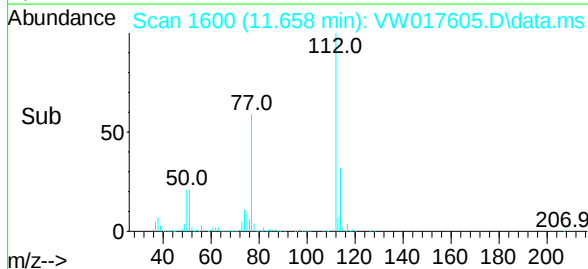
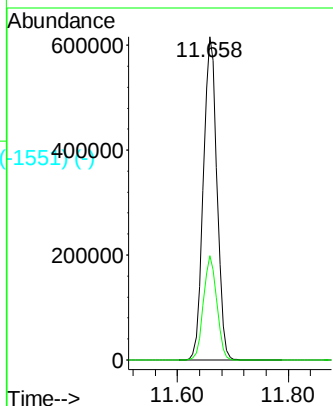
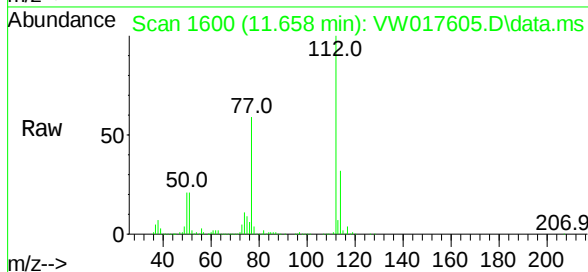
Scan 1600 (11.658 min): VW017604.D\data.ms (-1555) (-)
 Chlorobenzene
 Concen: 101.27 ug/l
 RT: 11.658 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:112 Resp: 1048317
 Ion Ratio Lower Upper
 112 100
 114 32.3 25.3 37.9

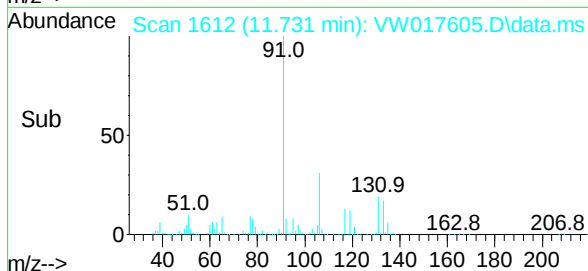
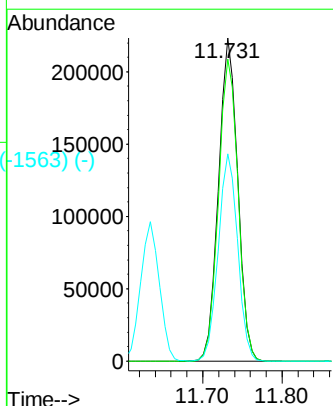
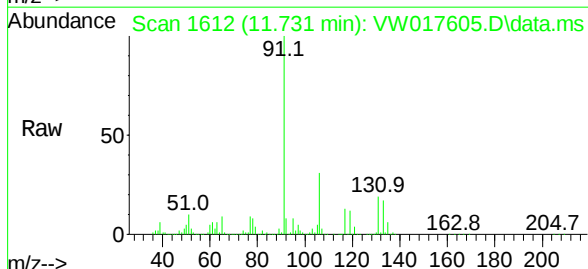
Manual Integrations
 APPROVED

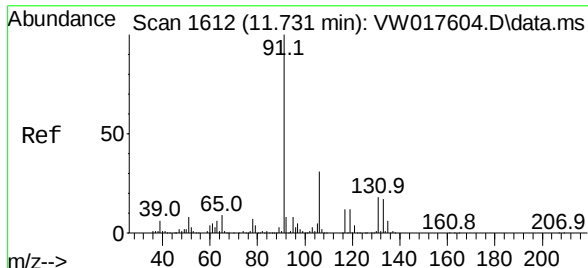
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1612 (11.731 min): VW017604.D\data.ms (-1602) (-)
 1,1,1,2-Tetrachloroethane
 Concen: 100.15 ug/l
 RT: 11.731 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:131 Resp: 376881
 Ion Ratio Lower Upper
 131 100
 133 95.3 48.1 144.3
 119 64.8 32.5 97.4





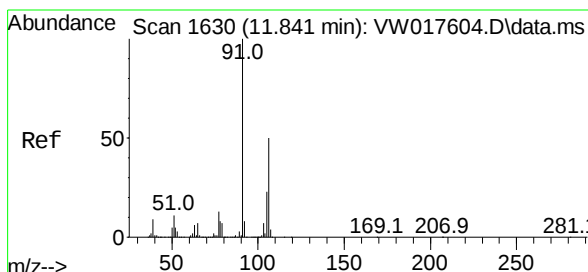
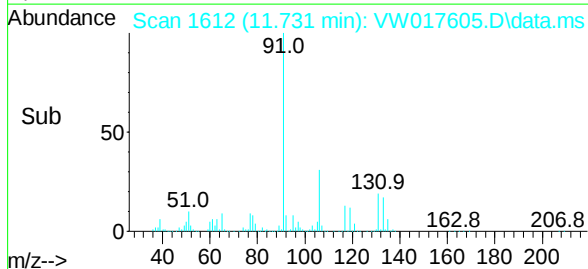
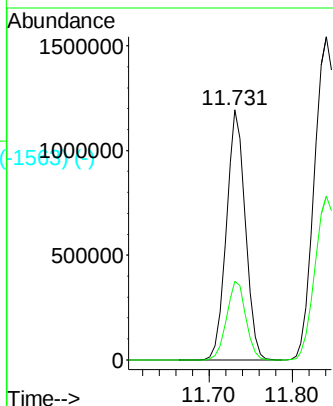
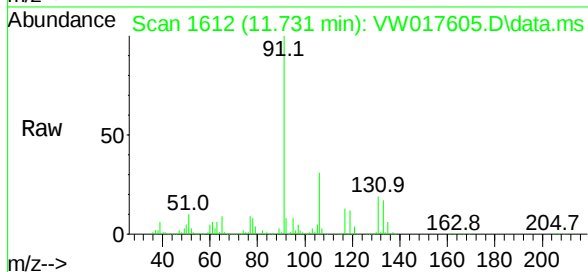
Scan 1612 (11.731 min): VW017604.D\data.ms (-1603) (-)
 Ethyl Benzene
 Concen: 102.64 ug/l
 RT: 11.731 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 91 Resp: 1901765
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.9 38.9

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

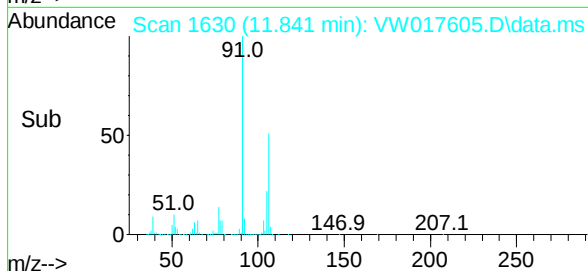
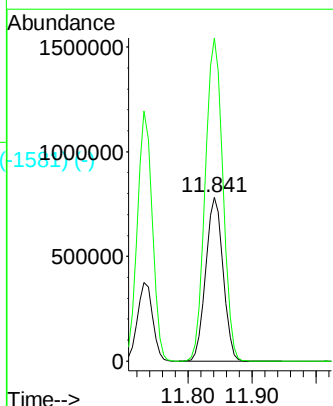
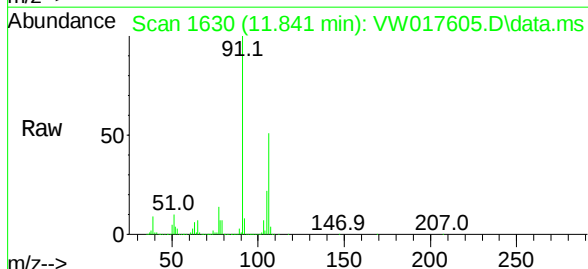
Manual Integrations
 APPROVED

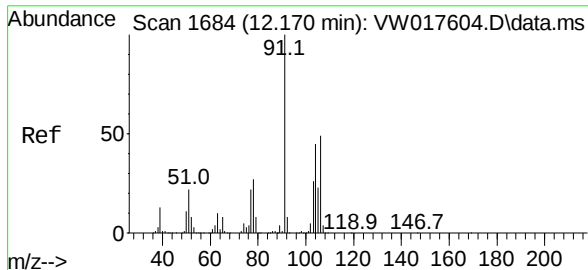
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1630 (11.841 min): VW017604.D\data.ms (-1603) (-)
 m/p-Xylenes
 Concen: 212.67 ug/l
 RT: 11.841 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:106 Resp: 1479669
 Ion Ratio Lower Upper
 106 100
 91 200.5 157.4 236.0





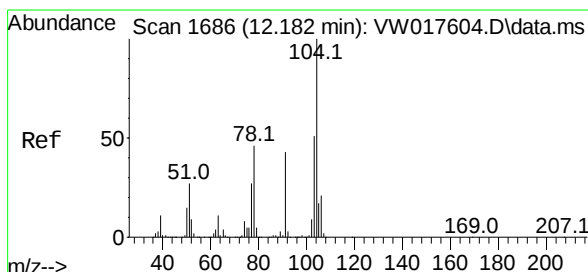
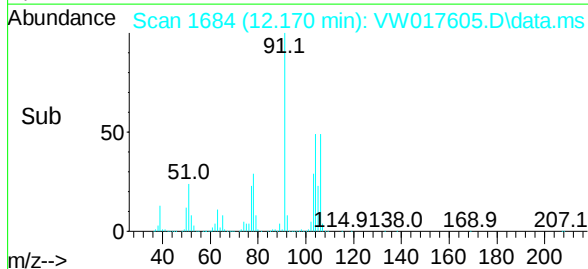
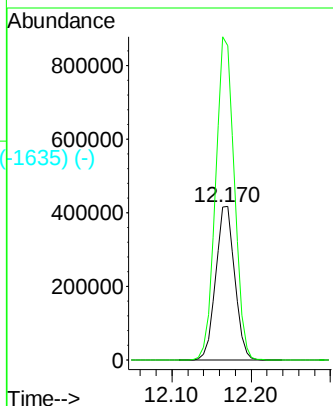
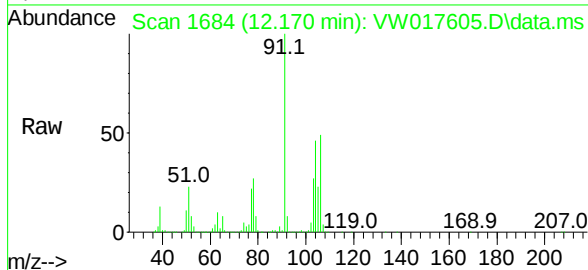
Scan 1684 (12.170 min): VW017604.D\data.ms (-1635) (-)
 o-Xylene
 Concen: 109.58 ug/l
 RT: 12.170 min Scan# 1684
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:106 Resp: 695907
 Ion Ratio Lower Upper
 106 100
 91 208.0 103.6 310.9

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

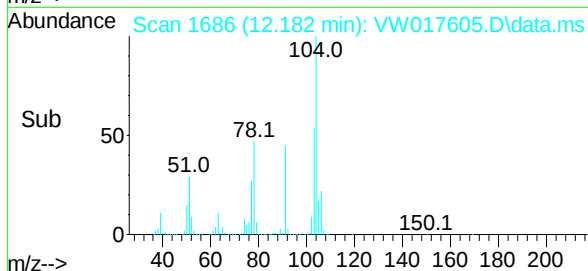
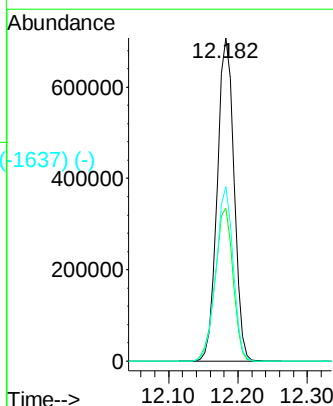
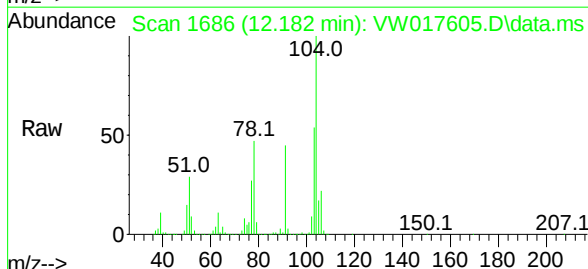
Manual Integrations
 APPROVED

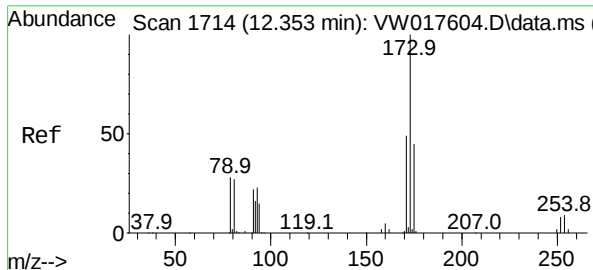
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1686 (12.182 min): VW017604.D\data.ms (-1670) (-)
 Styrene
 Concen: 109.24 ug/l
 RT: 12.182 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:104 Resp: 1188770
 Ion Ratio Lower Upper
 104 100
 78 50.7 37.6 56.4
 103 55.1 43.6 65.4





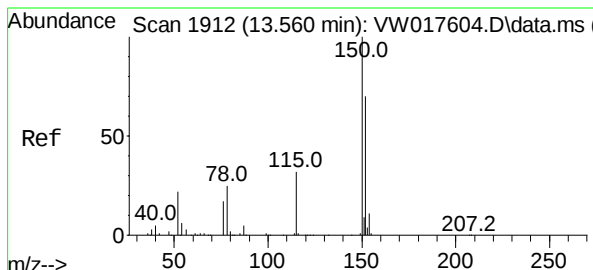
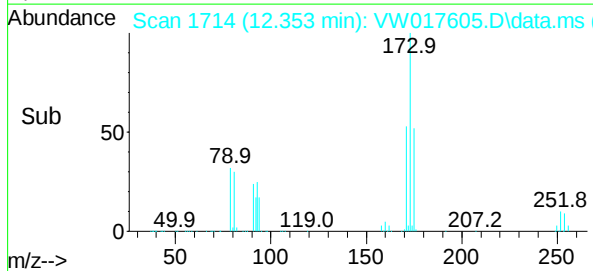
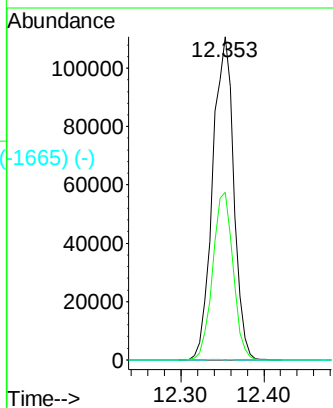
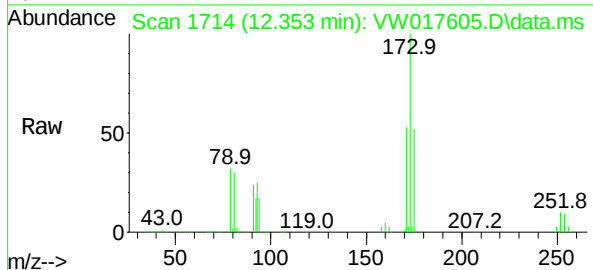
Bromoform
Concen: 103.11 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:173 Resp: 195834
Ion Ratio Lower Upper
173 100
175 50.2 24.7 74.1
254 0.1 0.1 0.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

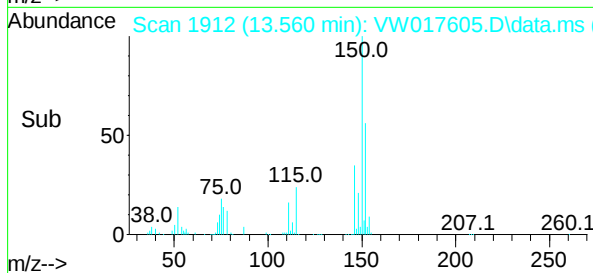
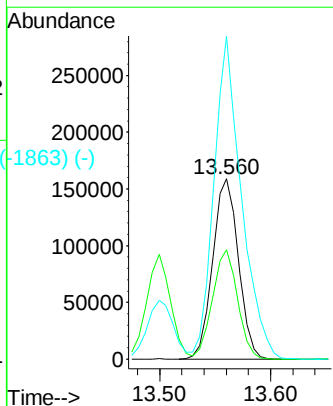
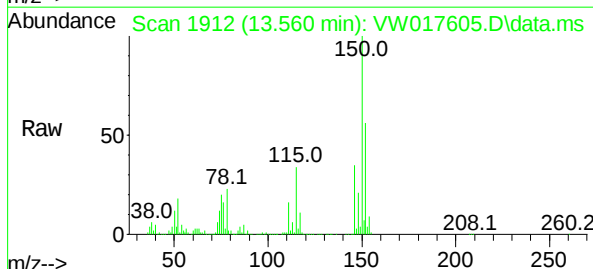
Manual Integrations
APPROVED

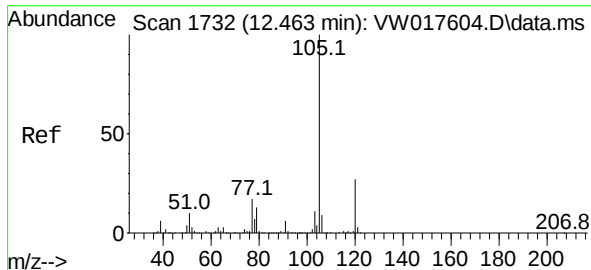
MMDadoda
12/15/2020 4:50:26 PM



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:152 Resp: 255036
Ion Ratio Lower Upper
152 100
115 59.4 27.9 83.7
150 192.2 0.0 344.0





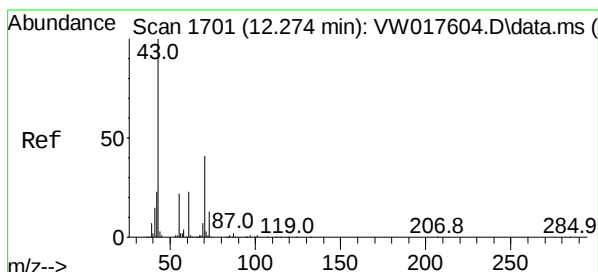
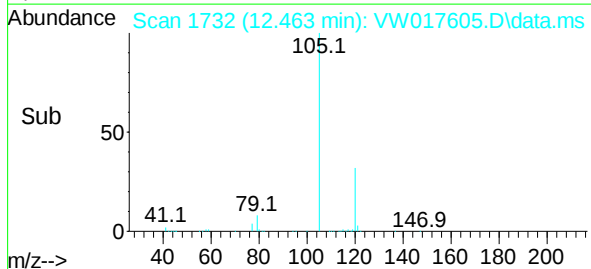
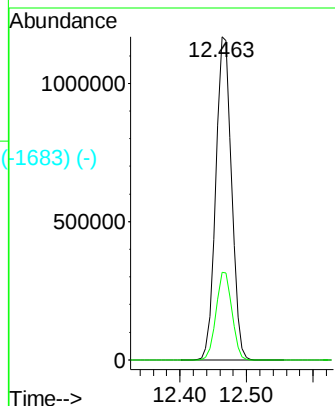
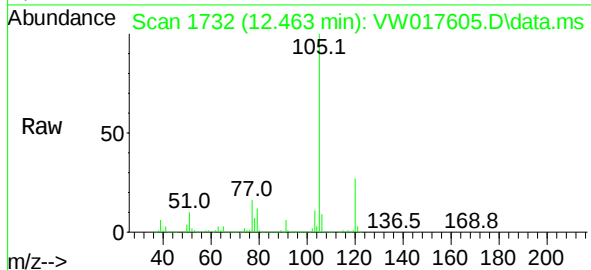
Isopropylbenzene
Concen: 105.26 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:105 Resp: 1916534
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

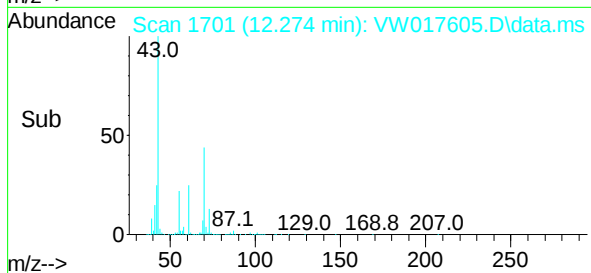
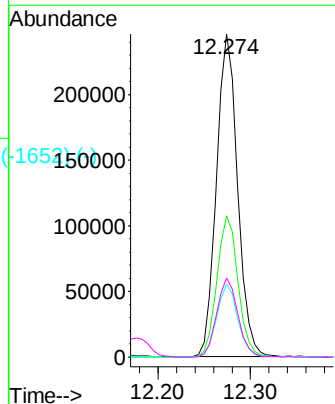
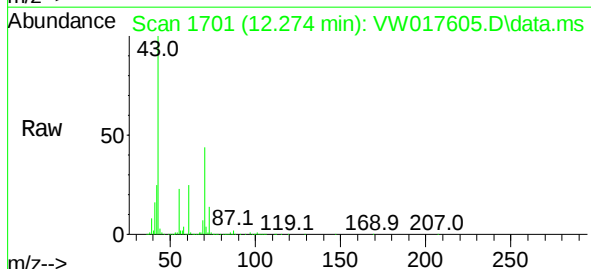
Manual Integrations
APPROVED

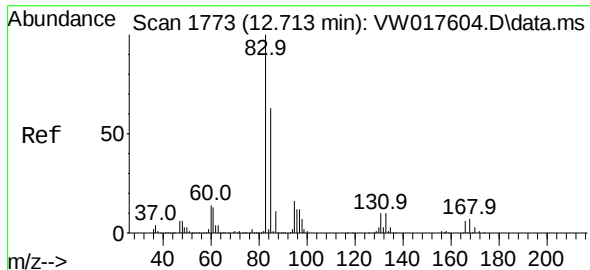
MMDadoda
12/15/2020 4:50:26 PM



N-amyI acetate
Concen: 115.62 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 43 Resp: 389366
Ion Ratio Lower Upper
43 100
70 43.7 40.2 60.4
55 22.4 21.4 32.0
61 24.5 21.4 32.2





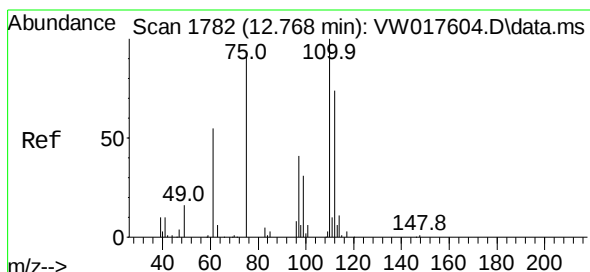
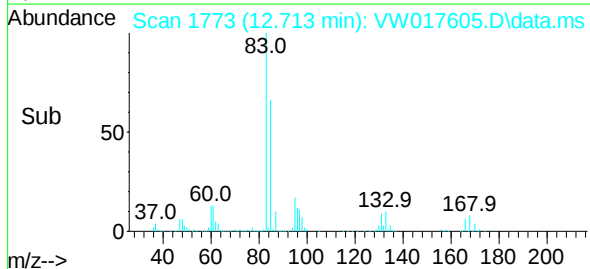
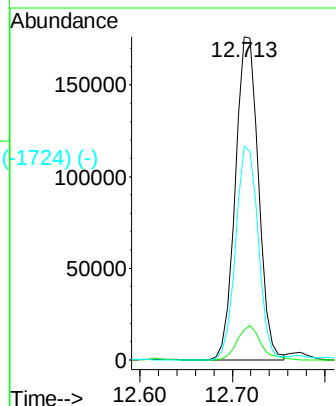
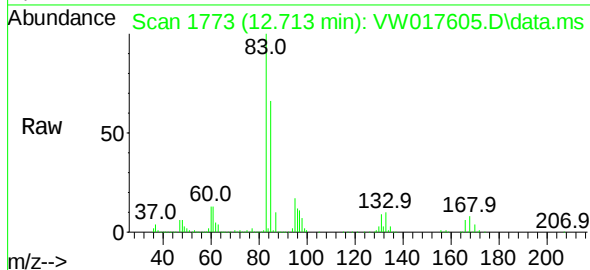
1,1,2,2-Tetrachloroethane
Concen: 99.47 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 83 Resp: 305450
Ion Ratio Lower Upper
83 100
131 10.9 6.1 18.3
85 64.8 32.7 98.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

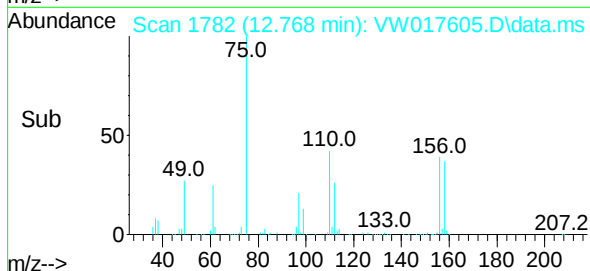
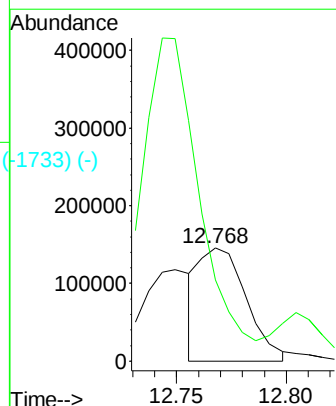
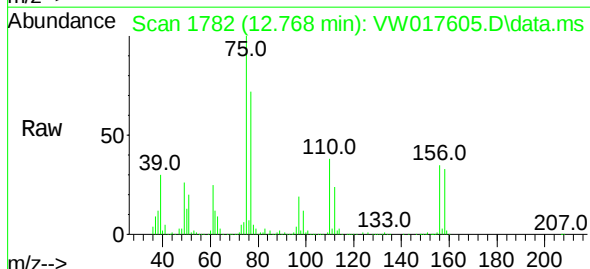
Manual Integrations
APPROVED

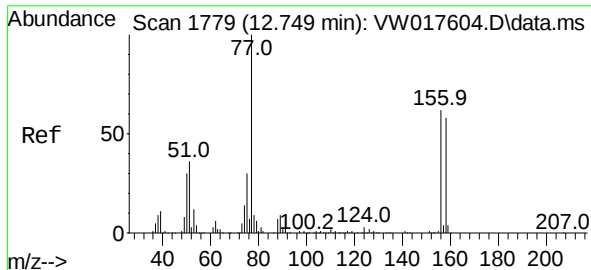
MMDadoda
12/15/2020 4:50:26 PM



1,2,3-Trichloropropane
Concen: 96.27 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 75 Resp: 217325
Ion Ratio Lower Upper
75 100
77 0.0 178.8 536.3#





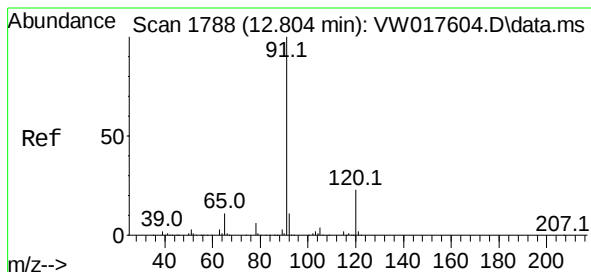
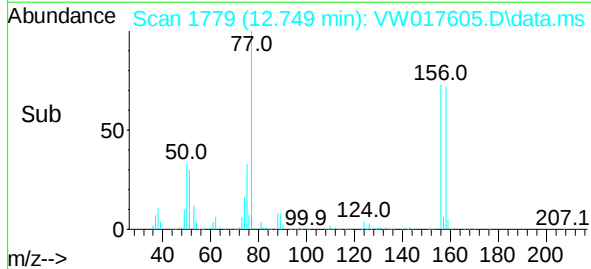
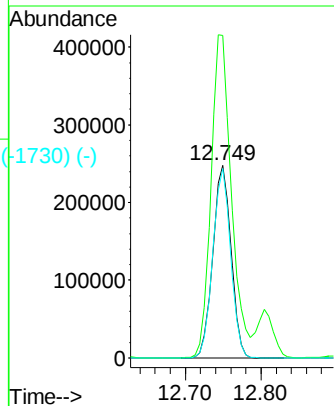
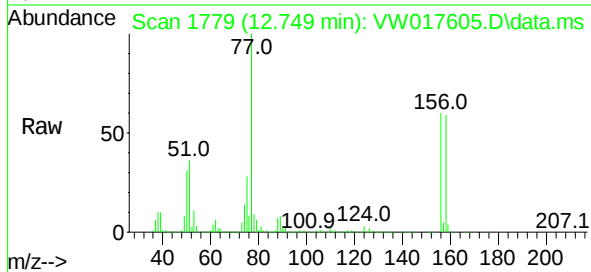
Bromobenzene
Concen: 97.29 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 156 Resp: 414497
Ion Ratio Lower Upper
156 100
77 188.0 79.0 237.2
158 96.4 47.0 141.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

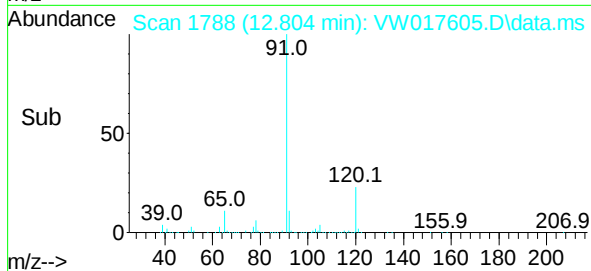
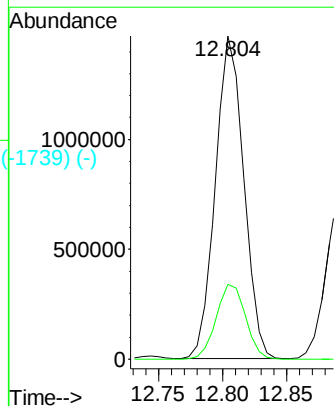
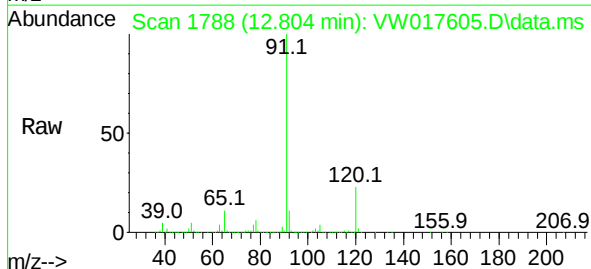
Manual Integrations
APPROVED

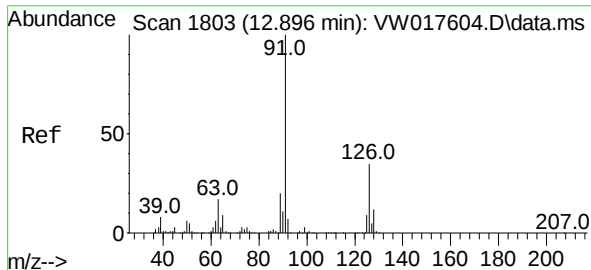
MMDadoda
12/15/2020 4:50:26 PM



n-propylbenzene
Concen: 103.09 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 91 Resp: 2262733
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





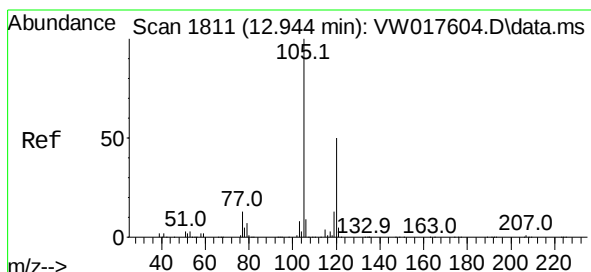
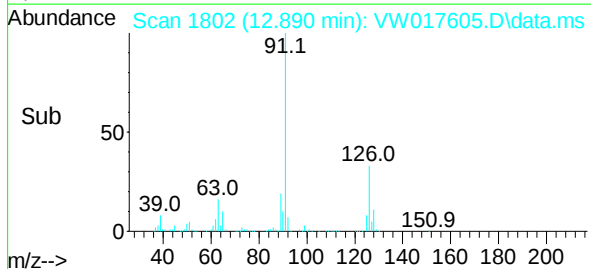
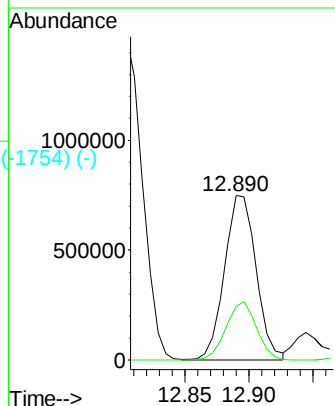
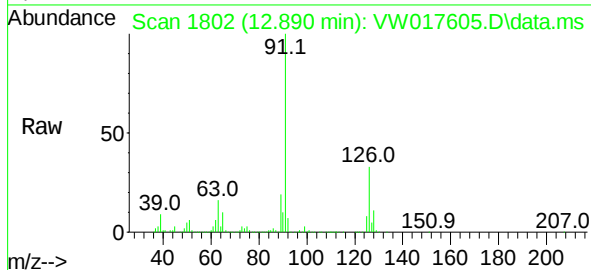
2-Chlorotoluene
Concen: 103.57 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion: 91 Resp: 1278396
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

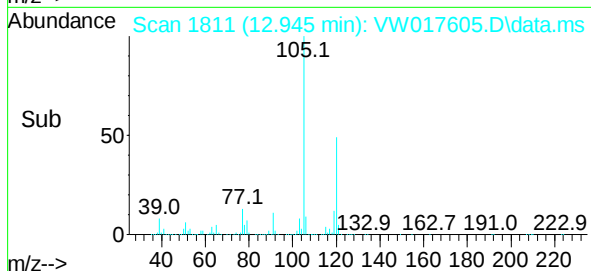
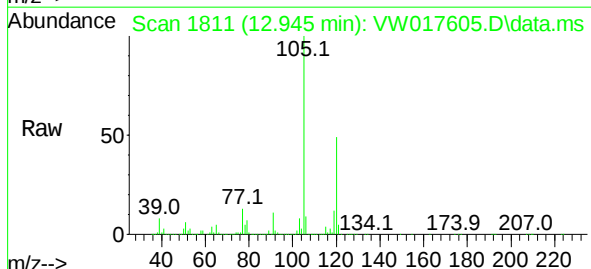
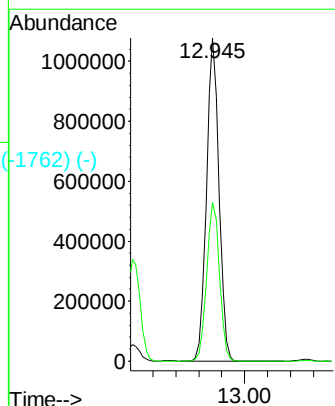
Manual Integrations
APPROVED

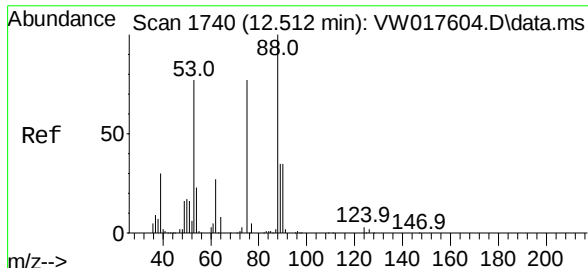
MMDadoda
12/15/2020 4:50:26 PM



1,3,5-Trimethylbenzene
Concen: 106.77 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:105 Resp: 1639136
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.8





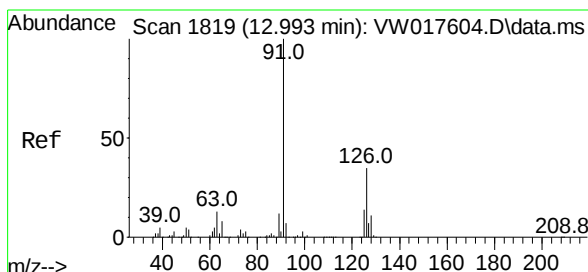
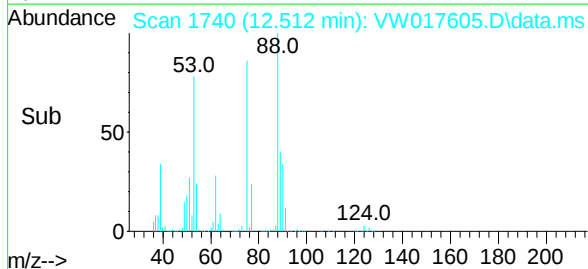
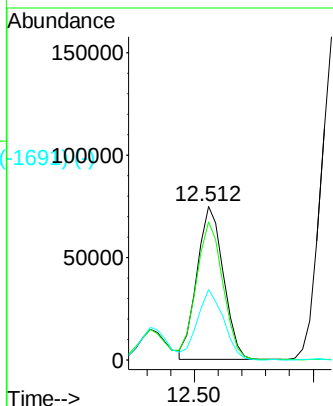
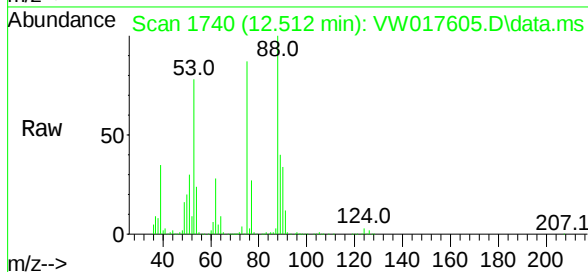
Scan 1740 (12.512 min): VW017604.D\data.ms (-1736) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 117.37 ug/l
 RT: 12.512 min Scan# 1740
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	75	Resp:	115206
Ion	Ratio	Lower	Upper
75	100		
53	92.0	77.0	115.4
89	45.7	38.7	58.1

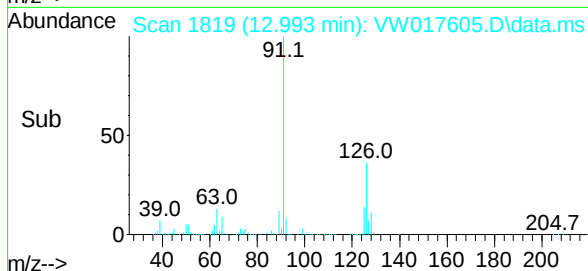
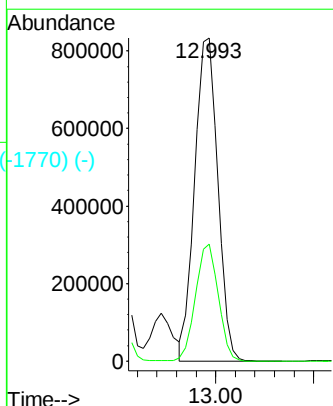
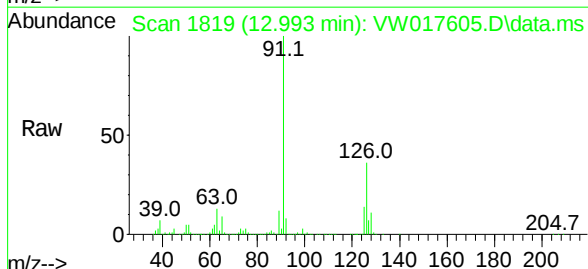
Manual Integrations
 APPROVED

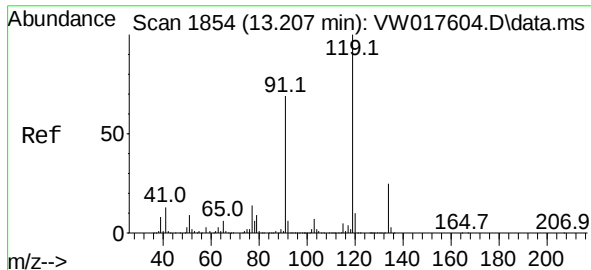
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1819 (12.993 min): VW017604.D\data.ms (-1832) (-)
 4-Chlorotoluene
 Concen: 104.84 ug/l
 RT: 12.993 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	91	Resp:	1362568
Ion	Ratio	Lower	Upper
91	100		
126	35.8	18.1	54.3





tert-Butylbenzene
Concen: 107.09 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

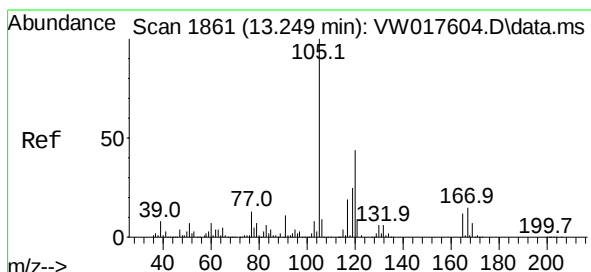
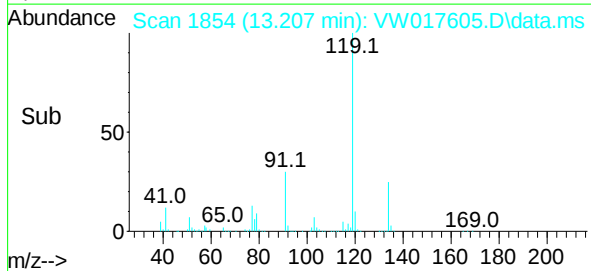
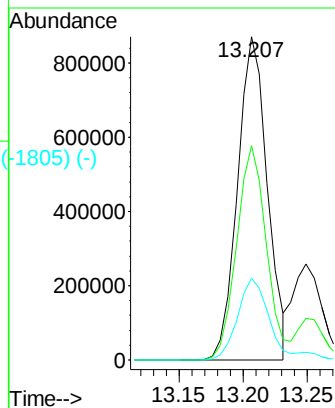
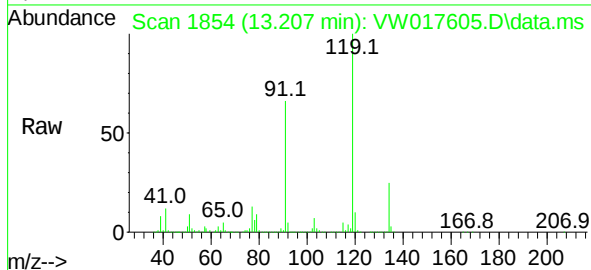
Tgt Ion:119 Resp: 1410321

Ion	Ratio	Lower	Upper
119	100		
91	66.4	31.3	93.9
134	27.5	14.0	42.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

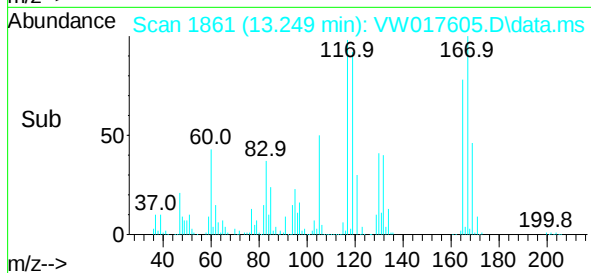
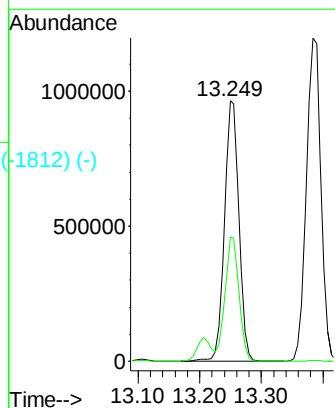
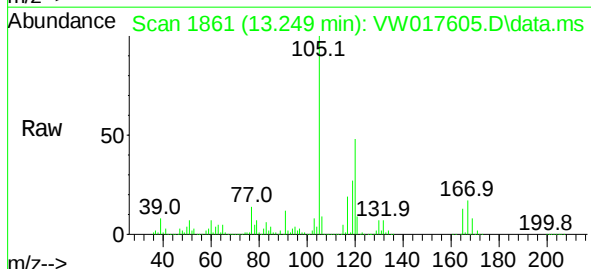
MMDadoda
12/15/2020 4:50:26 PM

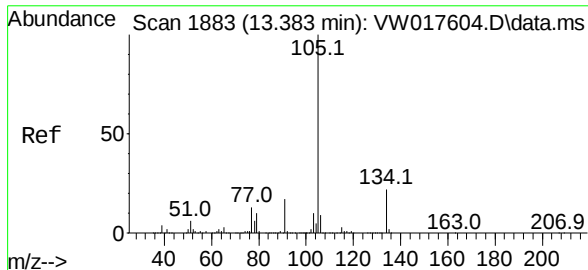


1,2,4-Trimethylbenzene
Concen: 103.57 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:105 Resp: 1584322

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





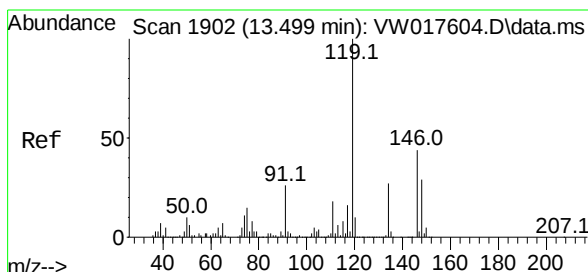
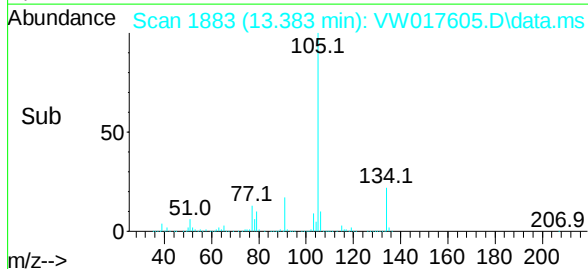
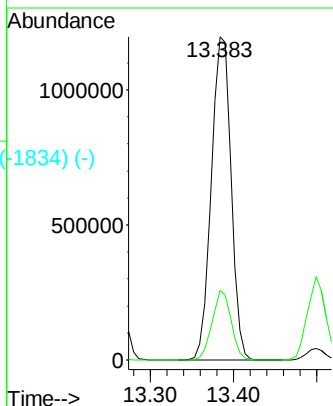
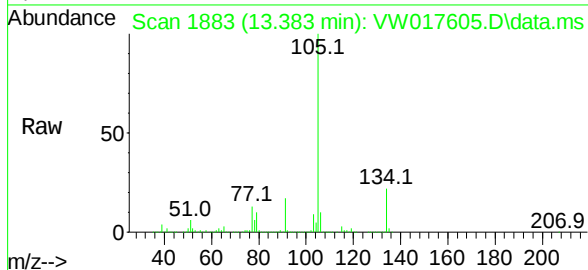
Scan 1883 (13.383 min): VW017604.D\data.ms (-1835) (-)
 sec-Butylbenzene
 Concen: 106.81 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 105 Resp: 1975950
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.6 31.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

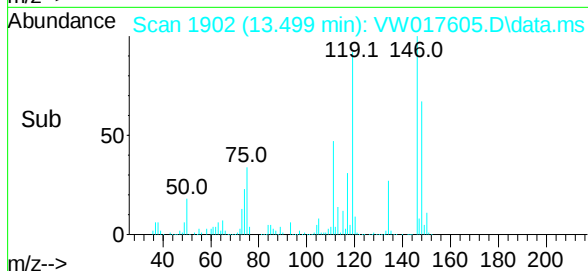
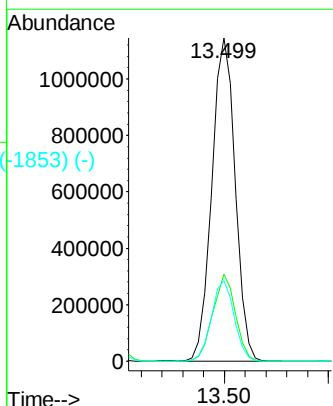
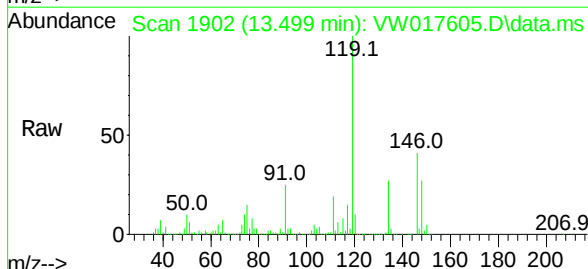
Manual Integrations
 APPROVED

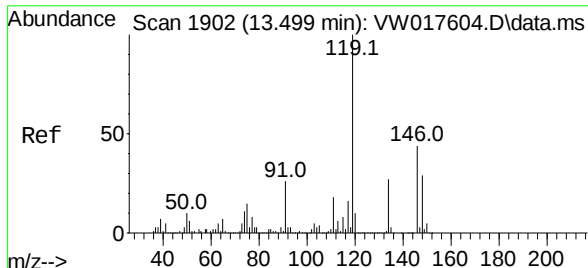
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1902 (13.499 min): VW017604.D\data.ms (-1836) (-)
 p-Isopropyltoluene
 Concen: 104.84 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion: 119 Resp: 1791893
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.8 41.3
 91 24.3 11.3 33.9





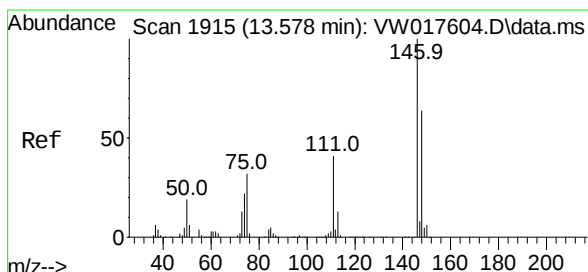
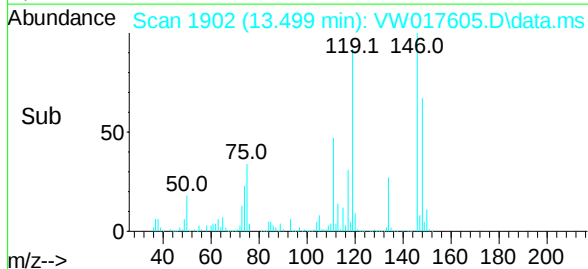
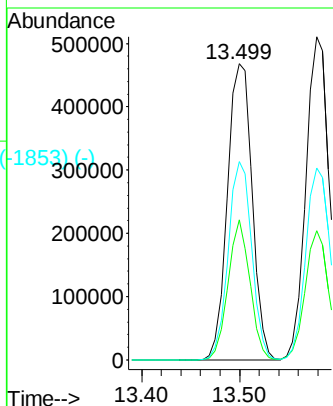
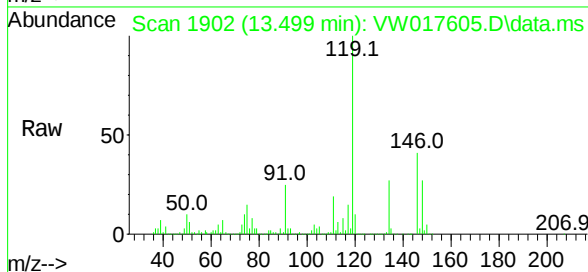
Scan 1902 (13.499 min): VW017604.D\data.ms (-1834) (-)
 1,3-Dichlorobenzene
 Concen: 97.32 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	146	Resp:	824433
Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.1	57.5
148	63.8	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

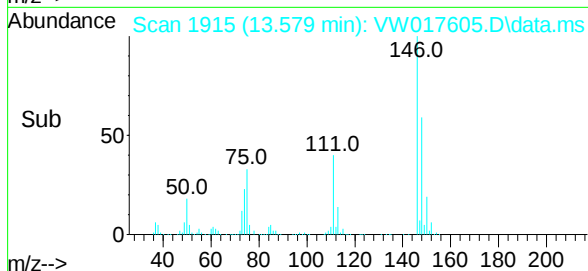
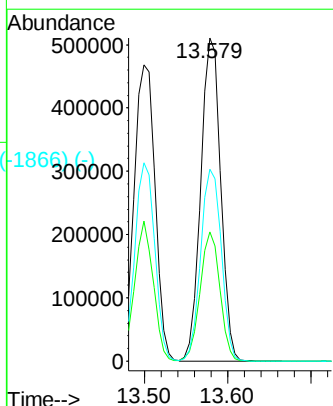
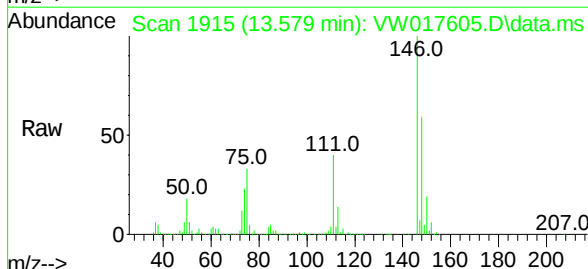
Manual Integrations
 APPROVED

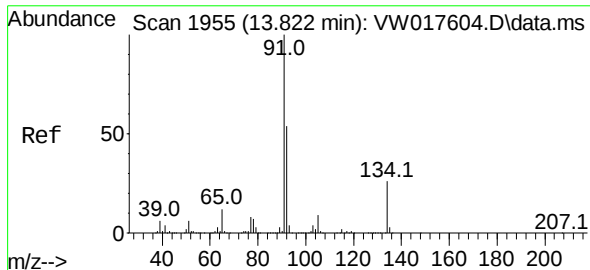
MMDadoda
 12/15/2020 4:50:26 PM



Scan 1915 (13.578 min): VW017604.D\data.ms (-1838) (-)
 1,4-Dichlorobenzene
 Concen: 100.94 ug/l
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36

Tgt Ion:	146	Resp:	842598
Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.5	55.5
148	61.6	31.8	95.4





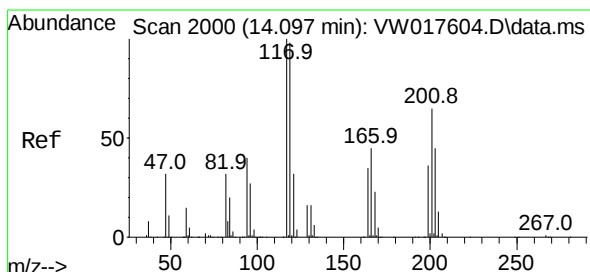
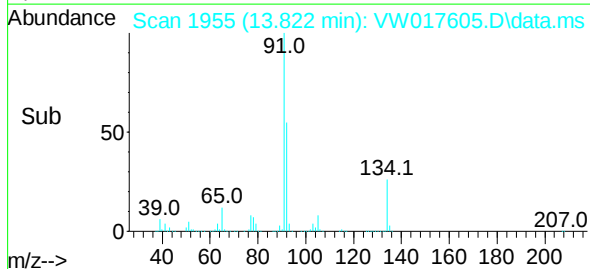
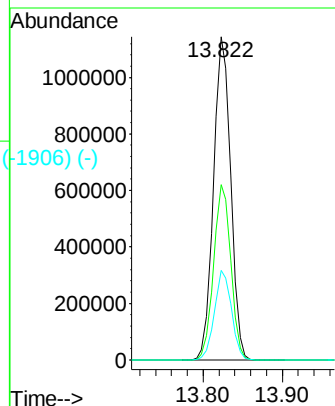
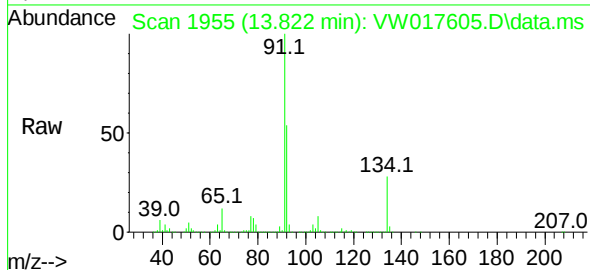
n-Butylbenzene
Concen: 105.98 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	91	Resp:	1724755
Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.6	79.7
134	27.3	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

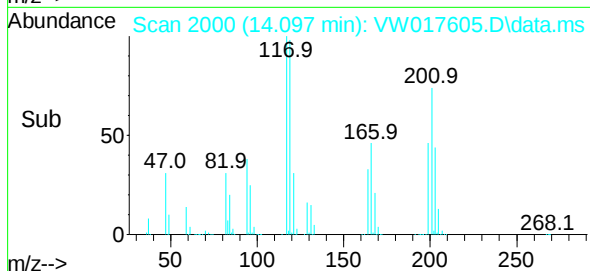
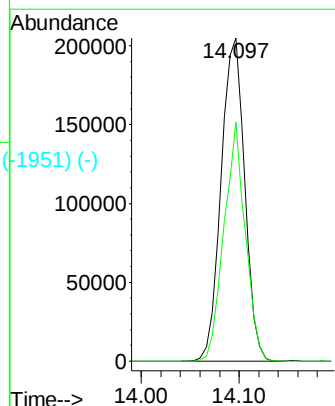
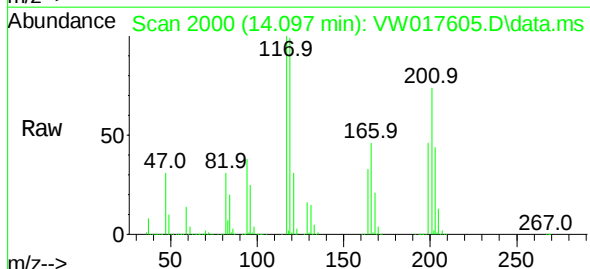
Manual Integrations
APPROVED

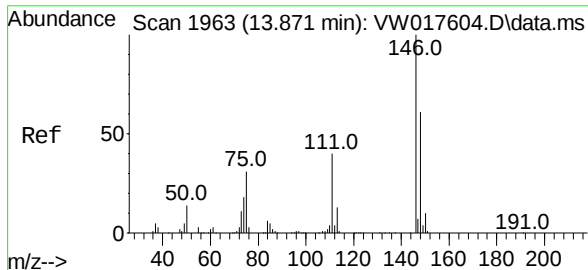
MMDadoda
12/15/2020 4:50:26 PM



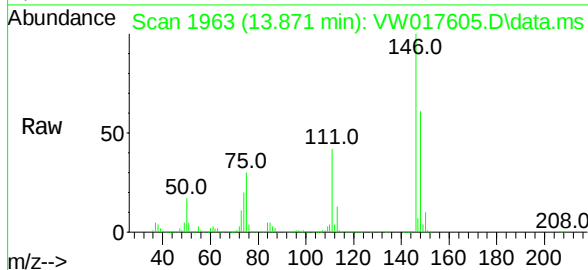
Hexachloroethane
Concen: 105.66 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion:	117	Resp:	344837
Ion	Ratio	Lower	Upper
117	100		
201	67.2	41.9	125.7

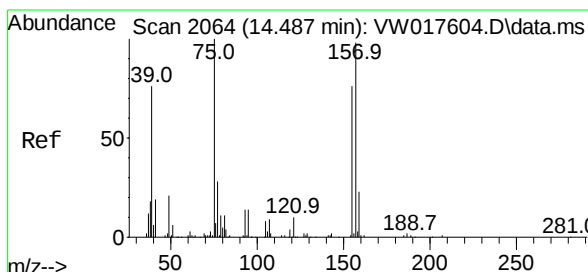
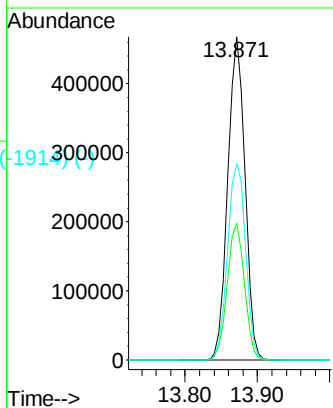
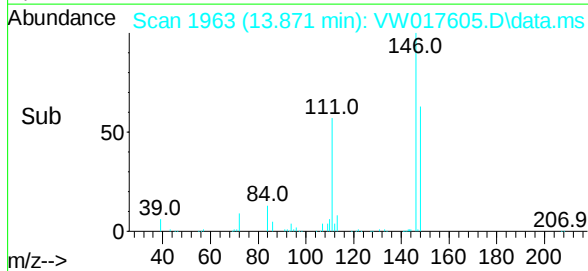




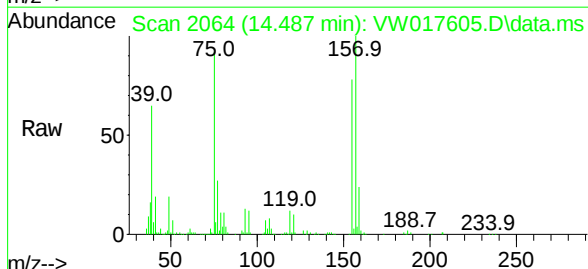
Scan 1963 (13.871 min): VW017604.D\data.ms (-1991) (-)
 1,2-Dichlorobenzene
 Concen: 103.82 ug/l
 RT: 13.871 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36



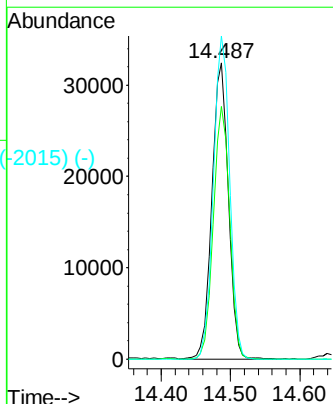
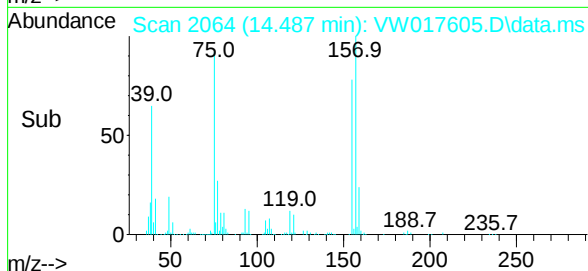
Tgt Ion:	146	Resp:	764719
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.1	60.3
148	63.6	33.1	99.3



Scan 2064 (14.487 min): VW017604.D\data.ms (-2092) (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 100.85 ug/l
 RT: 14.487 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VW017605.D
 Acq: 14 Dec 2020 11:36



Tgt Ion:	75	Resp:	53585
Ion	Ratio	Lower	Upper
75	100		
155	84.2	47.6	142.8
157	107.4	62.2	186.6



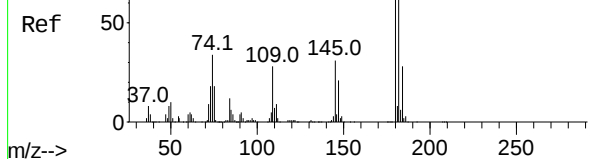
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:50:26 PM

Abundance Scan 2170 (15.133 min): VW017604.D\data.ms (-2183) (-)

1,2,4-Trichlorobenzene
Concen: 92.82 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

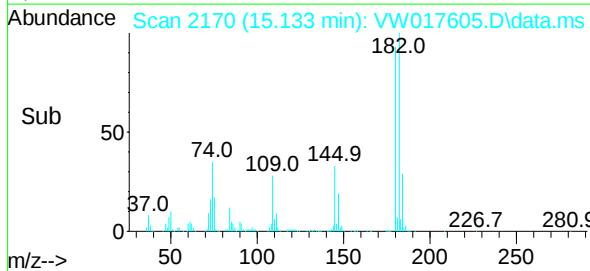
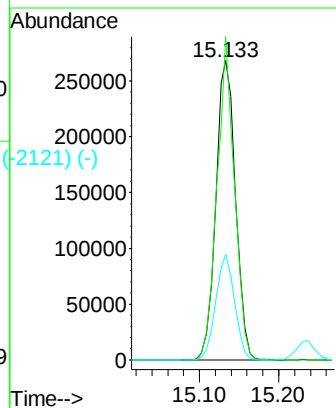
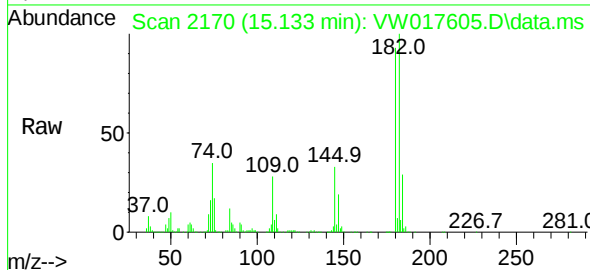


Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.3	144.9
145	33.9	14.9	44.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

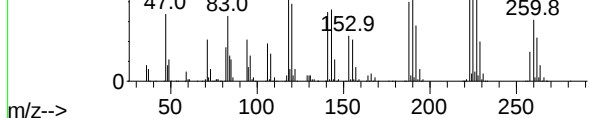
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM

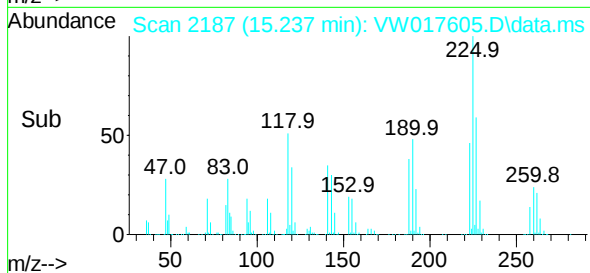
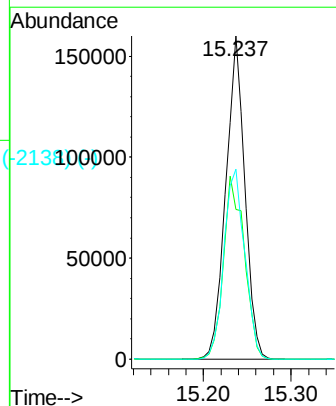
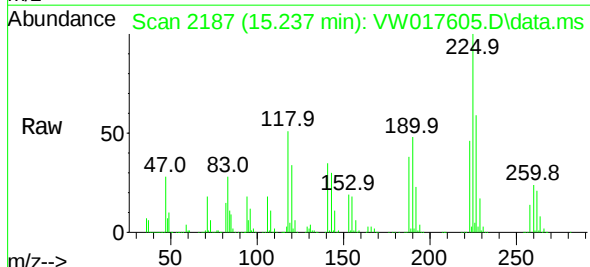


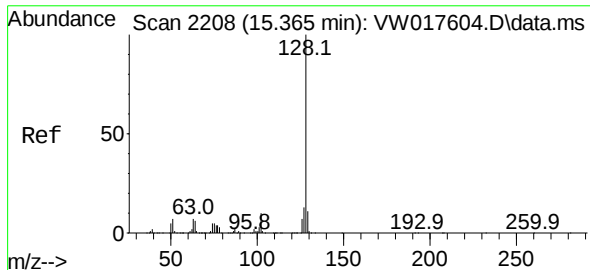
Abundance Scan 2187 (15.237 min): VW017604.D\data.ms (-2194) (-)

Hexachlorobutadiene
Concen: 82.35 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36



Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	64.6	33.0	99.0





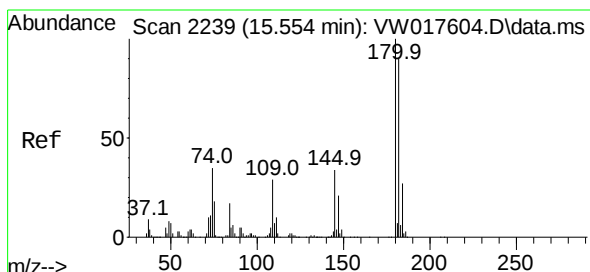
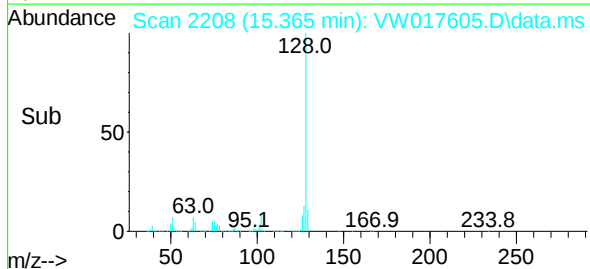
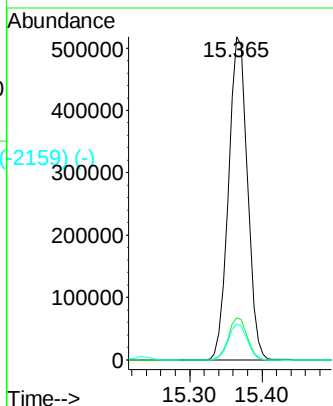
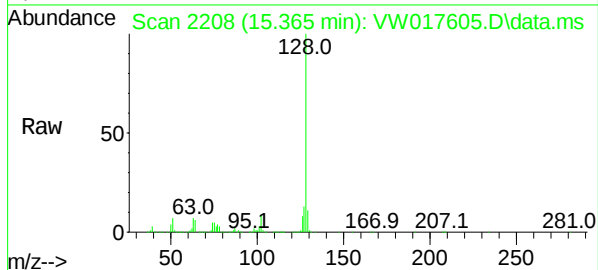
Naphthalene
Concen: 108.01 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	12.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:26 PM



1,2,3-Trichlorobenzene
Concen: 91.23 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW017605.D
Acq: 14 Dec 2020 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	49.4	148.2
145	36.0	16.3	48.9

