

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020118.D
 Acq On : 18 Dec 2020 11:22
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 3:57:55 PM

Quant Time: Dec 18 12:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	247854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	422890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	395989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	60863	18.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	36.66%#		
35) Dibromofluoromethane	5.464	113	48238	17.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.16%#		
50) Toluene-d8	8.696	98	184407	17.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	35.36%#		
62) 4-Bromofluorobenzene	11.122	95	68207	17.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.34%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	48219	21.09	ug/l	99
3) Chloromethane	1.313	50	56053	20.39	ug/l	100
4) Vinyl Chloride	1.392	62	60323	21.09	ug/l	98
5) Bromomethane	1.624	94	24755	26.05	ug/l	97
6) Chloroethane	1.709	64	38670	22.11	ug/l	98
7) Trichlorofluoromethane	1.916	101	75915	19.35	ug/l	97
8) Diethyl Ether	2.166	74	35338	20.47	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.367	101	41489	18.52	ug/l	99
10) Methyl Iodide	2.489	142	49429	15.02	ug/l	99
11) Tert butyl alcohol	3.008	59	68150	93.10	ug/l	99
12) 1,1-Dichloroethene	2.355	96	43832	19.24	ug/l	98
13) Acrolein	2.270	56	39646	103.00	ug/l	99
14) Allyl chloride	2.703	41	79486	20.10	ug/l	98
15) Acrylonitrile	3.111	53	159513	104.08	ug/l	100
16) Acetone	2.416	43	142485	111.99	ug/l	99
17) Carbon Disulfide	2.550	76	125063	18.97	ug/l	100
18) Methyl Acetate	2.745	43	61987	20.11	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	175789	20.47	ug/l	100
20) Methylene Chloride	2.831	84	60256	18.48	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	53557	19.81	ug/l	99
22) Diisopropyl ether	3.824	45	170222	21.05	ug/l	94
23) Vinyl Acetate	3.782	43	733302	105.89	ug/l	99
24) 1,1-Dichloroethane	3.666	63	98330	20.43	ug/l	100
25) 2-Butanone	4.629	43	209079	106.82	ug/l	99
26) 2,2-Dichloropropane	4.550	77	79674	19.55	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	62878	19.74	ug/l	99
28) Bromochloromethane	4.971	49	47281	20.83	ug/l	98
29) Tetrahydrofuran	5.086	42	129455	102.74	ug/l	98
30) Chloroform	5.172	83	101494	20.48	ug/l	99
31) Cyclohexane	5.544	56	78973	19.45	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	81252	19.44	ug/l	99
36) 1,1-Dichloropropene	5.763	75	70826	18.55	ug/l	99
37) Ethyl Acetate	4.788	43	77236	19.43	ug/l	100
38) Carbon Tetrachloride	5.751	117	66549	17.91	ug/l	97
39) Methylcyclohexane	7.434	83	77166	17.44	ug/l	98
40) Benzene	6.111	78	230779	19.43	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020118.D
 Acq On : 18 Dec 2020 11:22
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 3:57:55 PM

Quant Time: Dec 18 12:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	41522	19.05	ug/l	98
42) 1,2-Dichloroethane	6.159	62	81923	20.06	ug/l	99
43) Isopropyl Acetate	6.409	43	122463	19.04	ug/l	99
44) Trichloroethene	7.184	130	57435	18.65	ug/l	95
45) 1,2-Dichloropropane	7.488	63	59240	19.82	ug/l	99
46) Dibromomethane	7.635	93	39632	19.61	ug/l	99
47) Bromodichloromethane	7.873	83	75932	19.04	ug/l	98
48) Methyl methacrylate	7.745	41	60534	19.12	ug/l	98
49) 1,4-Dioxane	7.714	88	28042	369.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	392217	99.61	ug/l	99
52) Toluene	8.763	92	143180	19.36	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	81873	18.53	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	92588	19.24	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	59270	19.67	ug/l	99
56) Ethyl methacrylate	9.159	69	85647	18.82	ug/l	99
57) 1,3-Dichloropropane	9.348	76	101411	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	224154	93.12	ug/l	99
59) 2-Hexanone	9.470	43	299827	98.71	ug/l	98
60) Dibromochloromethane	9.561	129	57319	18.82	ug/l	99
61) 1,2-Dibromoethane	9.653	107	62415	19.51	ug/l	98
64) Tetrachloroethene	9.317	164	51016	19.24	ug/l	97
65) Chlorobenzene	10.116	112	149731	18.86	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.201	131	53618	18.76	ug/l	98
67) Ethyl Benzene	10.232	91	259747	18.54	ug/l	99
68) m/p-Xylenes	10.342	106	197210	37.33	ug/l	99
69) o-Xylene	10.683	106	93726	18.39	ug/l	96
70) Styrene	10.695	104	161339	18.73	ug/l	100
71) Bromoform	10.842	173	39924	17.90	ug/l #	98
73) Isopropylbenzene	11.000	105	247233	18.88	ug/l	100
74) N-amyl acetate	10.878	43	98531	18.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	91588	19.59	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	85240m	19.59	ug/l	
77) Bromobenzene	11.238	156	63643	18.83	ug/l	97
78) n-propylbenzene	11.341	91	278837	18.67	ug/l	100
79) 2-Chlorotoluene	11.402	91	178150	19.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	211656	19.14	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	26562	17.68	ug/l	93
82) 4-Chlorotoluene	11.494	91	203432	18.69	ug/l	99
83) tert-Butylbenzene	11.756	119	196115	18.21	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	213677	19.08	ug/l	99
85) sec-Butylbenzene	11.927	105	221677	18.11	ug/l	100
86) p-Isopropyltoluene	12.049	119	206808	18.34	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	112563	18.23	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	114981	18.25	ug/l	99
89) n-Butylbenzene	12.372	91	171559	17.27	ug/l	99
90) Hexachloroethane	12.579	117	34164	17.57	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	114556	19.00	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	18767	18.62	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	68029	17.45	ug/l	98
94) Hexachlorobutadiene	13.762	225	27604	16.23	ug/l	97
95) Naphthalene	13.817	128	233085	18.28	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	68899	18.04	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020118.D
Acq On : 18 Dec 2020 11:22
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

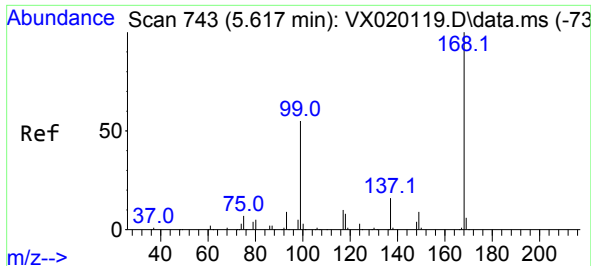
Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM

Quant Time: Dec 18 12:25:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 12:23:32 2020
Response via : Initial Calibration

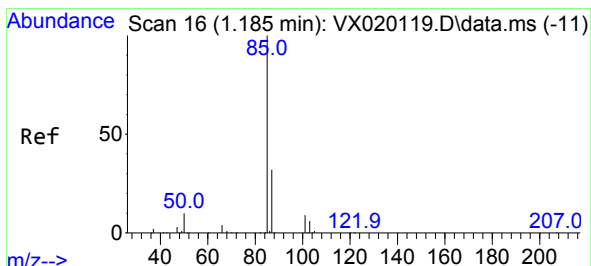
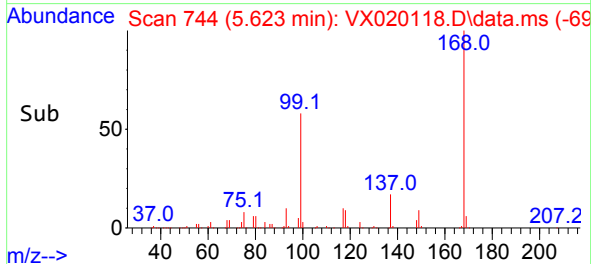
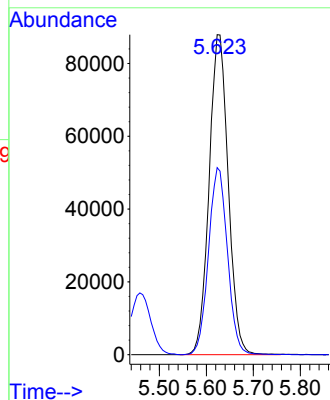
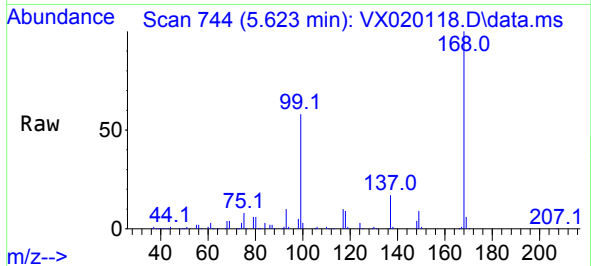
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



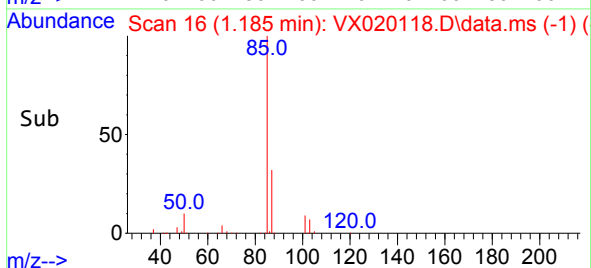
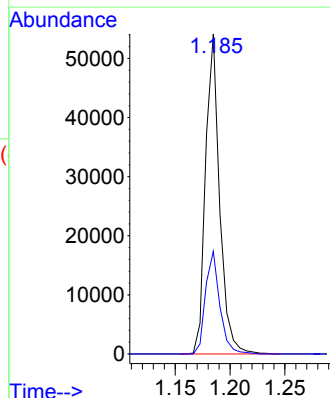
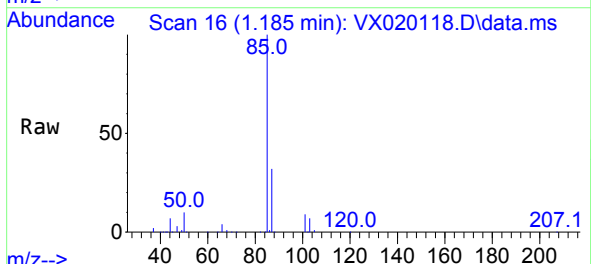
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 168 Resp: 247854
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 21.09 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

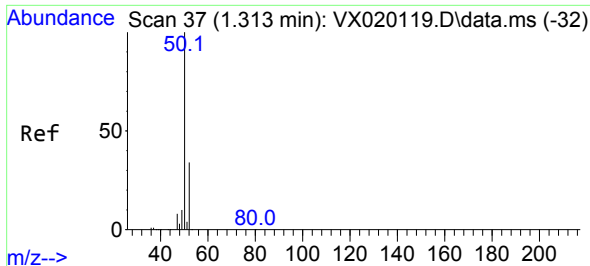
Tgt Ion: 85 Resp: 48219
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



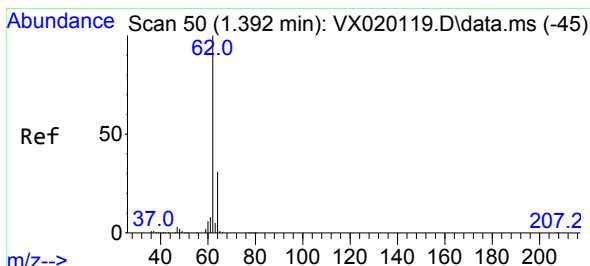
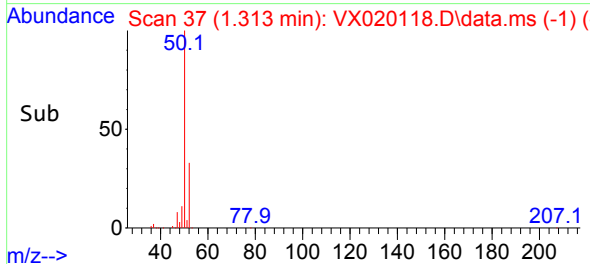
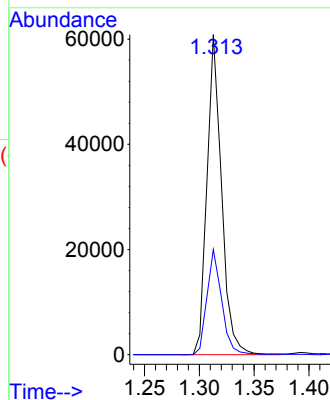
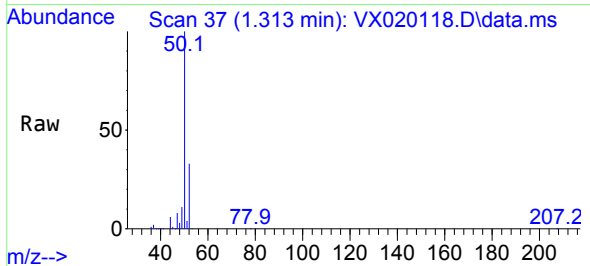
#3
Chloromethane
Concen: 20.39 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 50 Resp: 56053
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

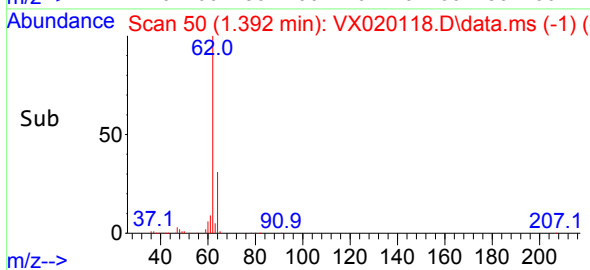
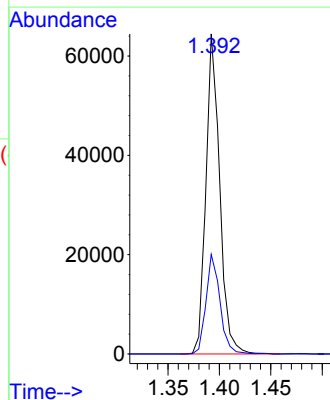
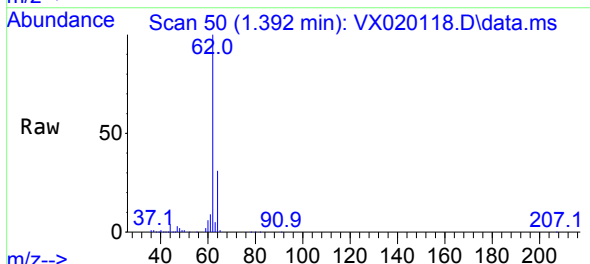
Manual Integrations
APPROVED

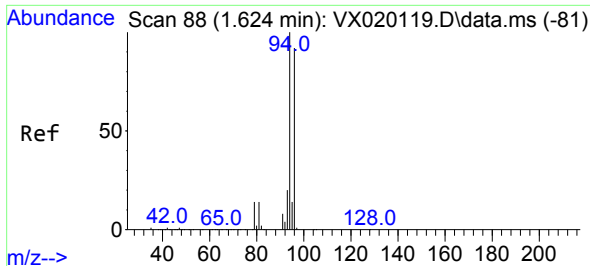
MMDadoda
12/21/2020 3:57:55 PM



#4
Vinyl Chloride
Concen: 21.09 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 62 Resp: 60323
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5





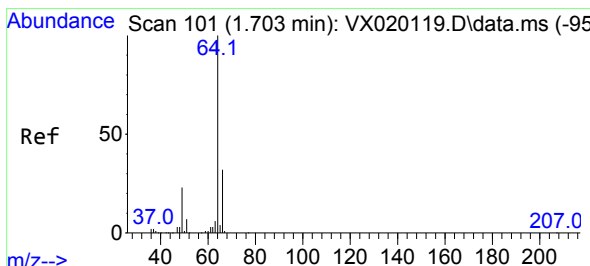
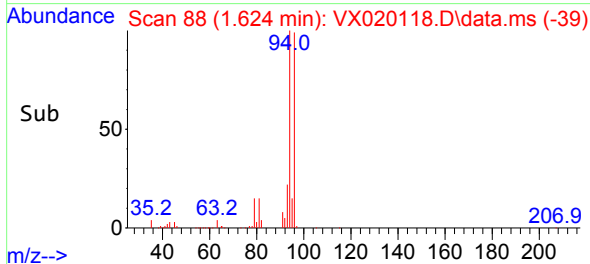
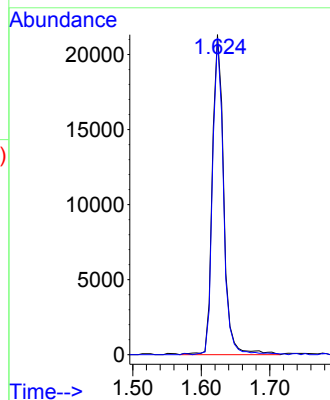
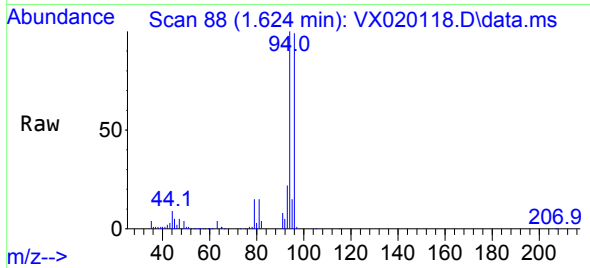
#5
Bromomethane
Concen: 26.05 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 94 Resp: 24755
Ion Ratio Lower Upper
94 100
96 98.8 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

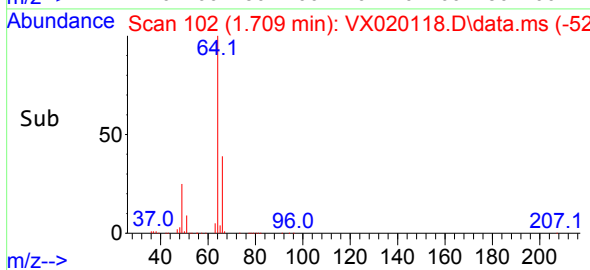
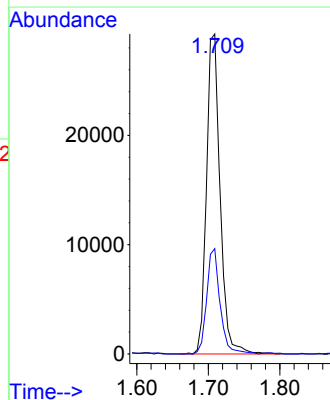
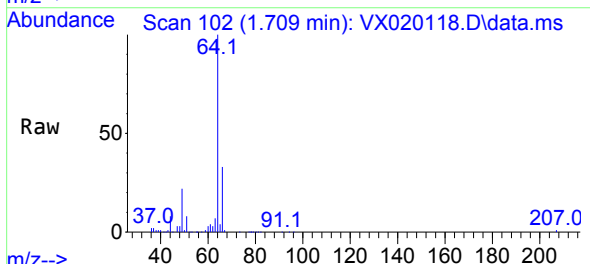
Manual Integrations
APPROVED

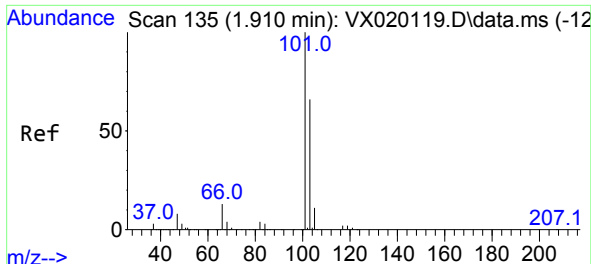
MMDadoda
12/21/2020 3:57:55 PM



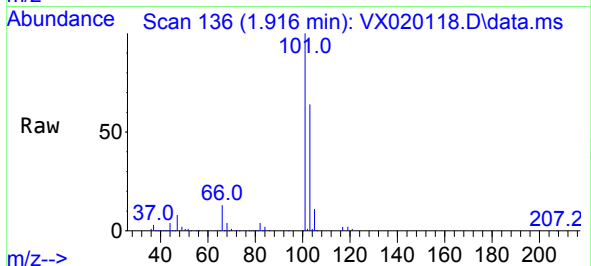
#6
Chloroethane
Concen: 22.11 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 64 Resp: 38670
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0

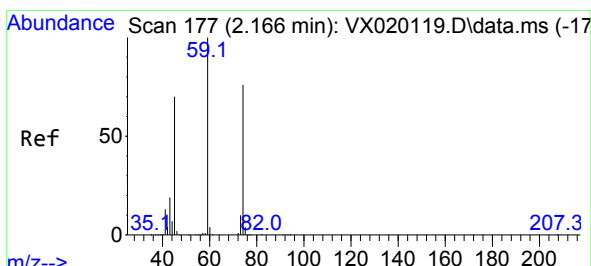
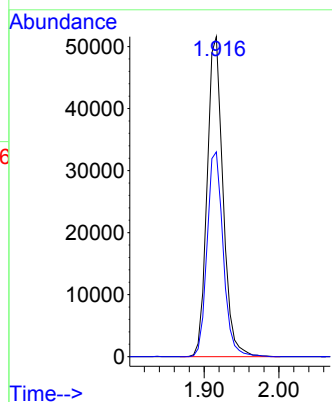
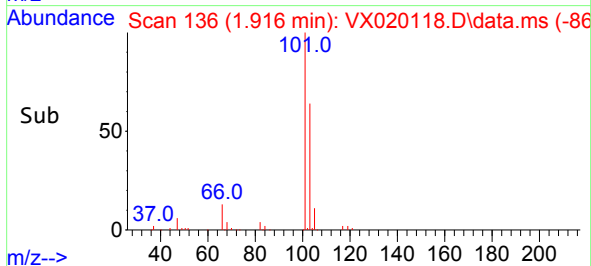




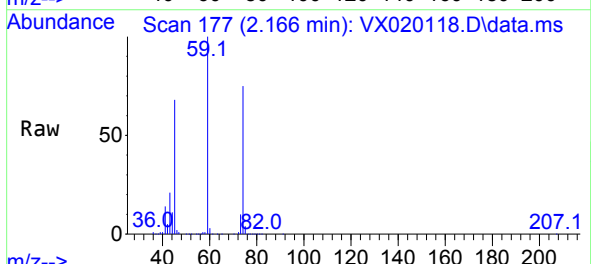
#7
Trichlorofluoromethane
Concen: 19.35 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



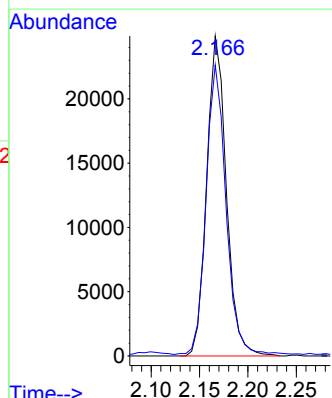
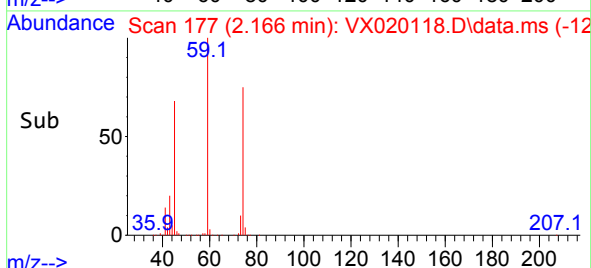
Tgt Ion:101 Resp: 75915
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8



#8
Diethyl Ether
Concen: 20.47 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



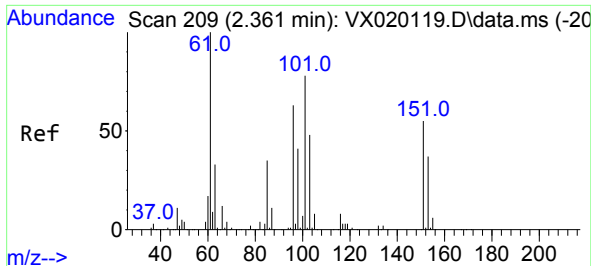
Tgt Ion: 74 Resp: 35338
Ion Ratio Lower Upper
74 100
45 91.3 44.5 133.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



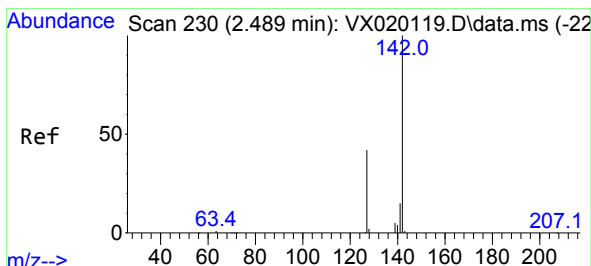
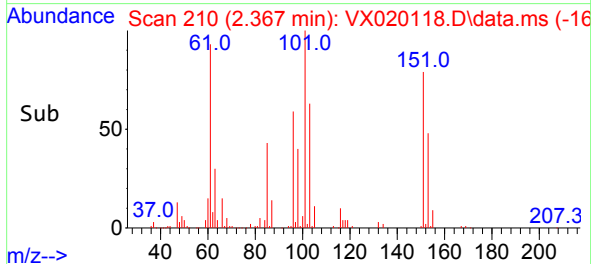
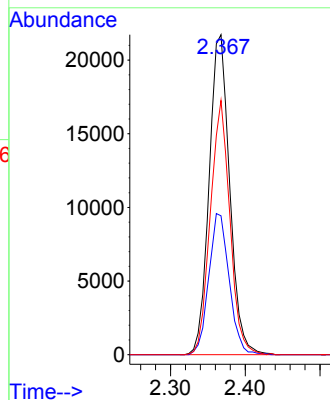
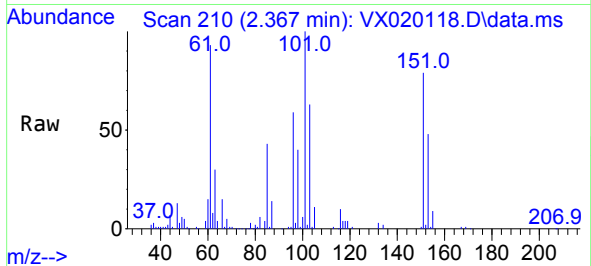
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.52 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	101	Resp:	41489
Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.9	52.3
151	75.6	61.4	92.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

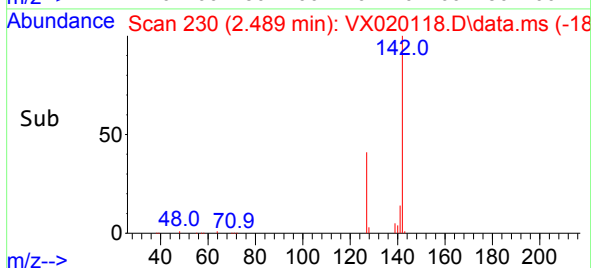
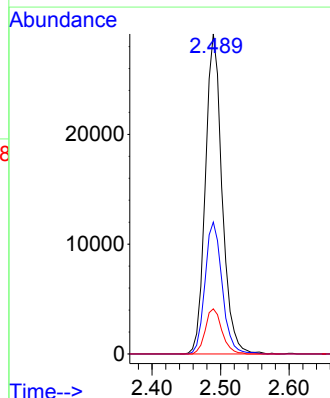
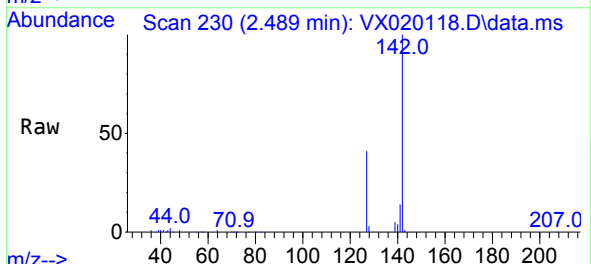
Manual Integrations
APPROVED

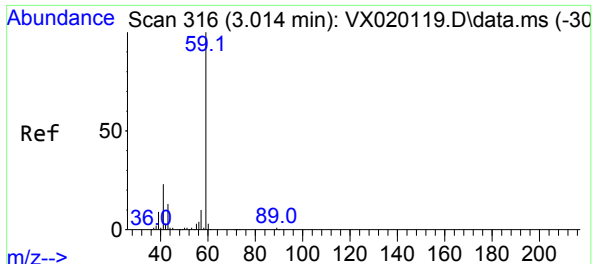
MMDadoda
12/21/2020 3:57:55 PM



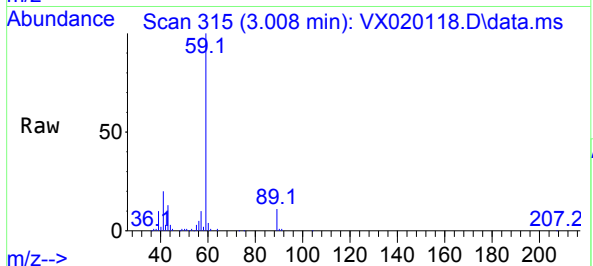
#10
Methyl Iodide
Concen: 15.02 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	142	Resp:	49429
Ion	Ratio	Lower	Upper
142	100		
127	42.3	33.3	49.9
141	14.0	11.4	17.0

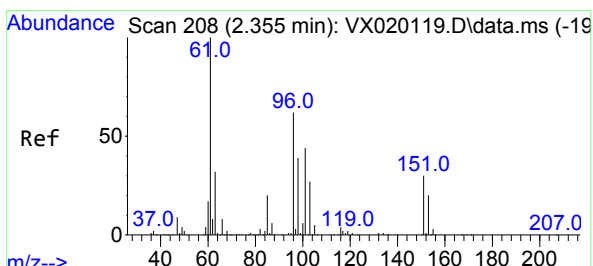
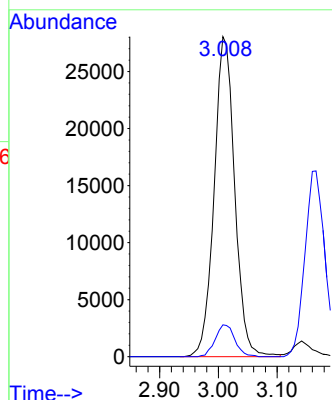
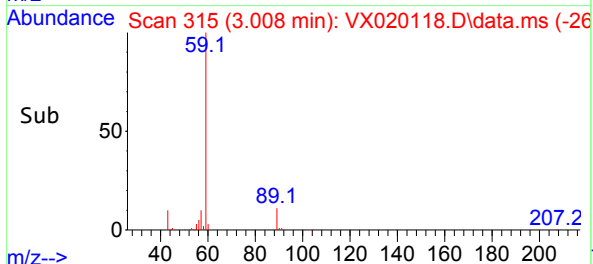




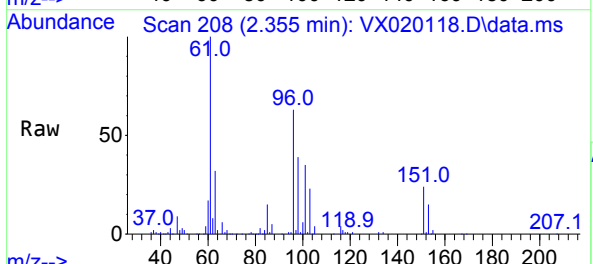
#11
Tert butyl alcohol
Concen: 93.10 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



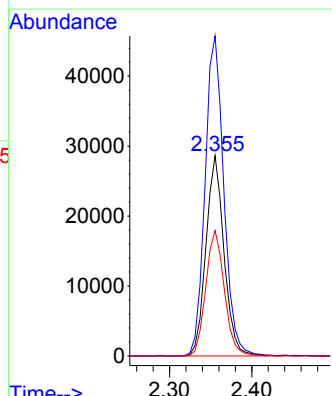
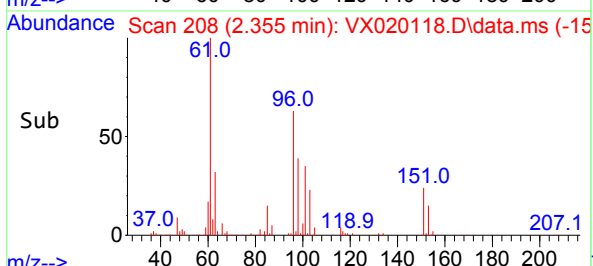
Tgt Ion: 59 Resp: 68150
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.24 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



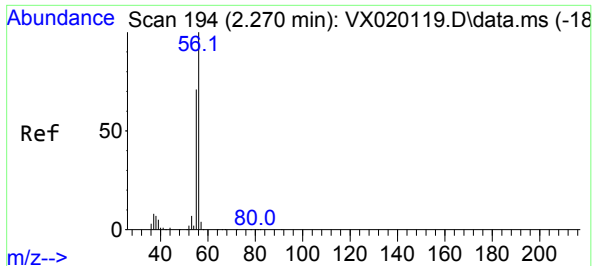
Tgt Ion: 96 Resp: 43832
Ion Ratio Lower Upper
96 100
61 159.7 124.6 187.0
98 62.6 50.6 76.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



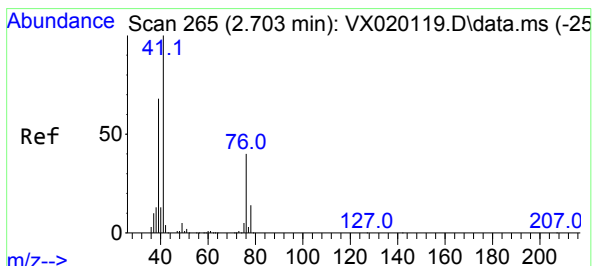
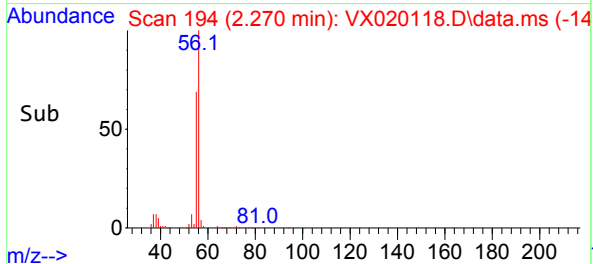
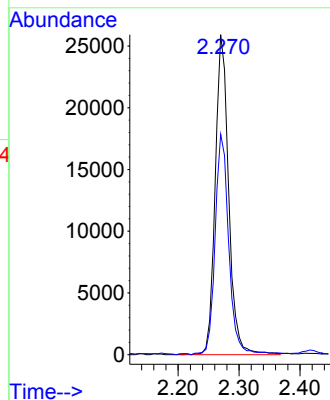
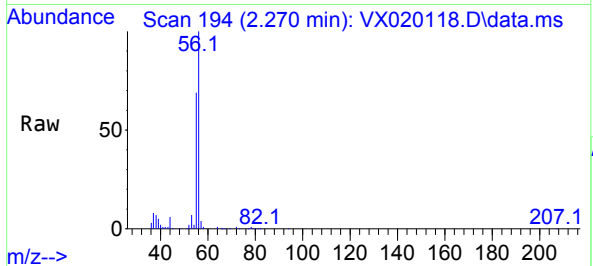
#13
Acrolein
Concen: 103.00 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 56 Resp: 39646
Ion Ratio Lower Upper
56 100
55 69.9 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

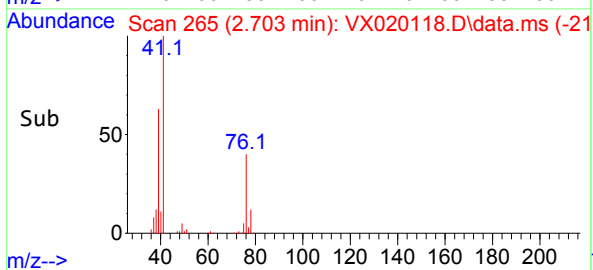
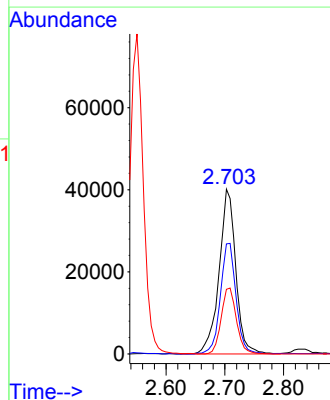
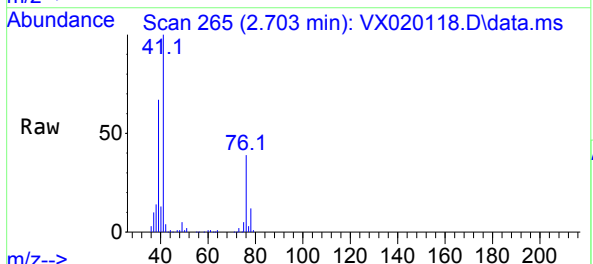
Manual Integrations
APPROVED

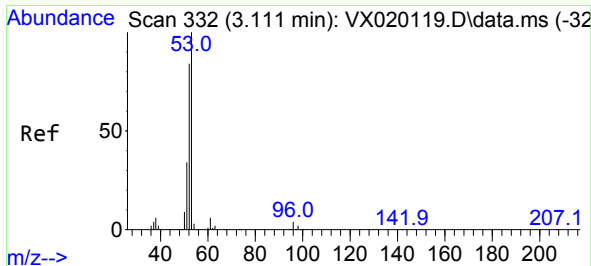
MMDadoda
12/21/2020 3:57:55 PM



#14
Allyl chloride
Concen: 20.10 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

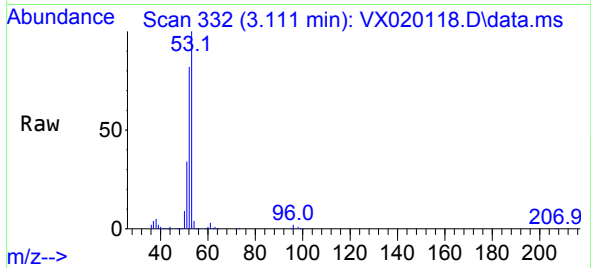
Tgt Ion: 41 Resp: 79486
Ion Ratio Lower Upper
41 100
39 63.0 51.6 77.4
76 36.4 30.5 45.7





#15
Acrylonitrile
Concen: 104.08 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

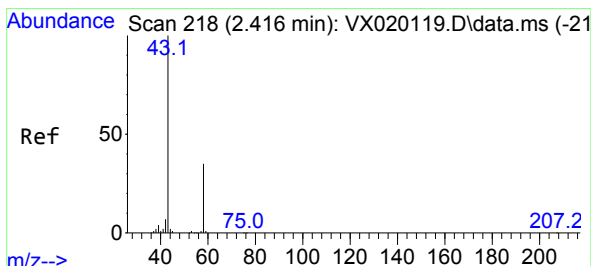
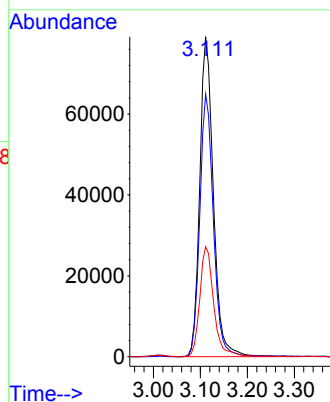
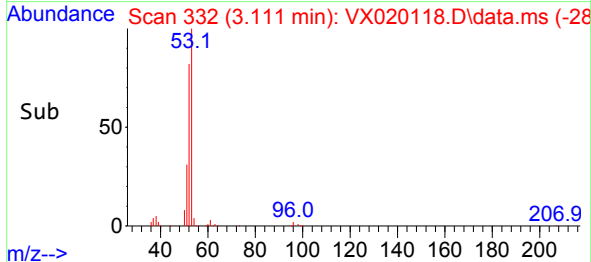
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



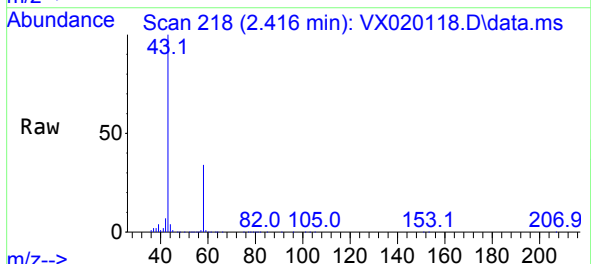
Tgt Ion: 53 Resp: 159513
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.2 28.2 42.2

Manual Integrations
APPROVED

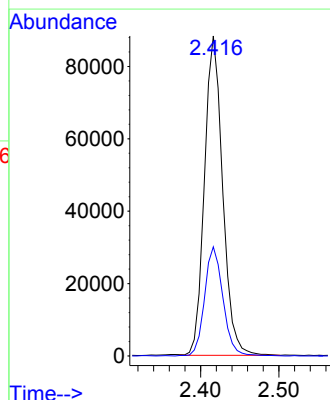
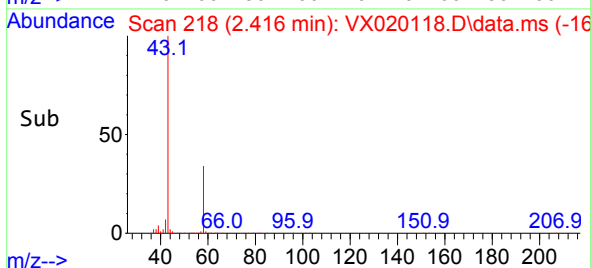
MMDadoda
12/21/2020 3:57:55 PM

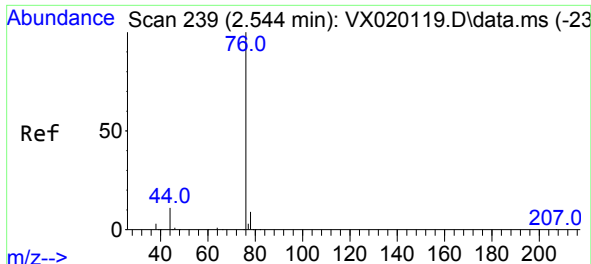


#16
Acetone
Concen: 111.99 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



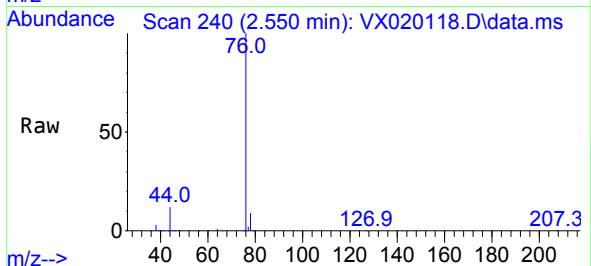
Tgt Ion: 43 Resp: 142485
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8





#17
Carbon Disulfide
Concen: 18.97 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

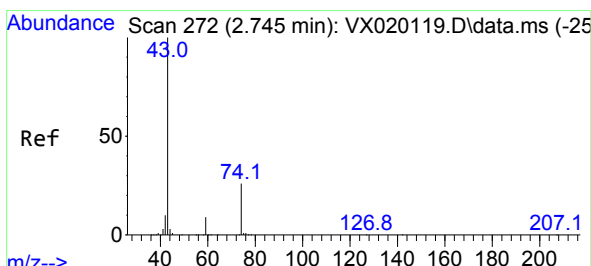
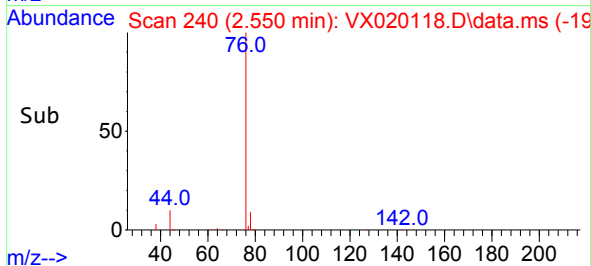
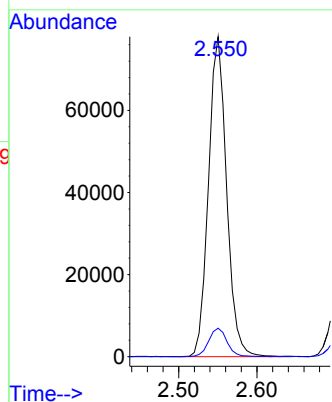
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 125063
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

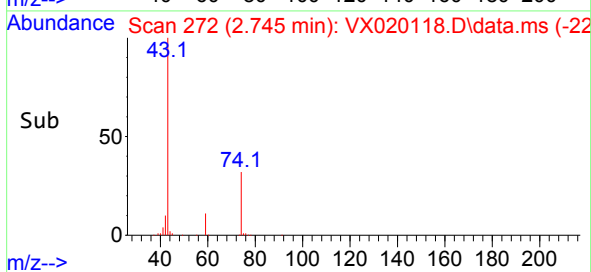
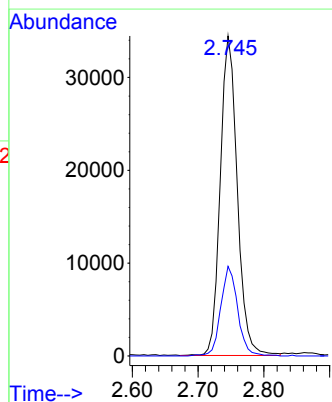
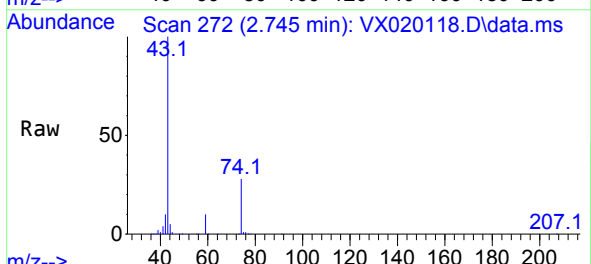
Manual Integrations
APPROVED

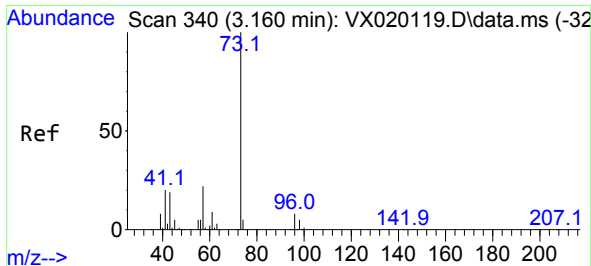
MMDadoda
12/21/2020 3:57:55 PM



#18
Methyl Acetate
Concen: 20.11 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 43 Resp: 61987
Ion Ratio Lower Upper
43 100
74 27.9 21.9 32.9



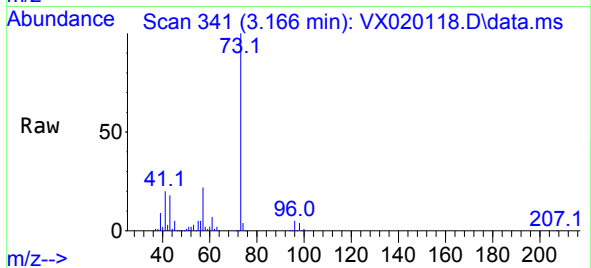


#19
Methyl tert-butyl Ether
Concen: 20.47 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

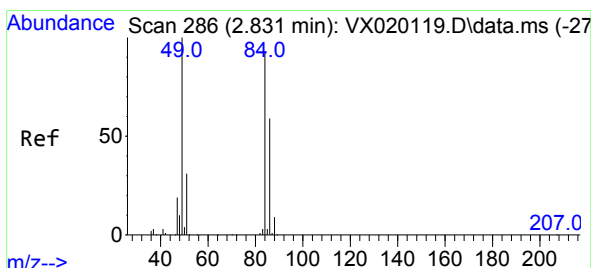
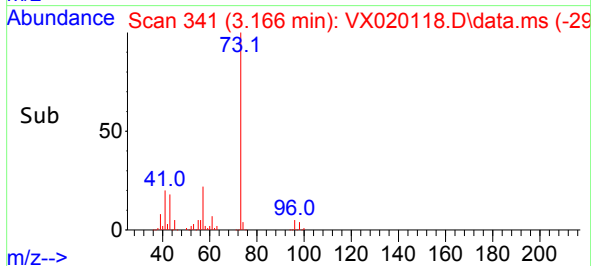
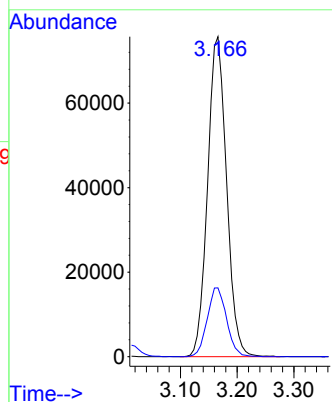
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM

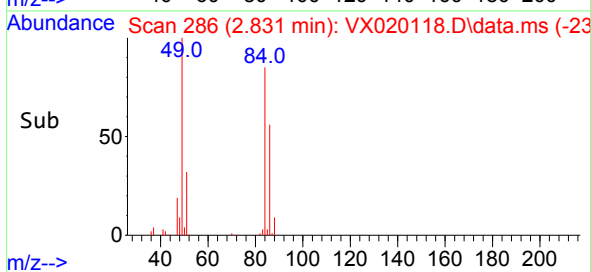
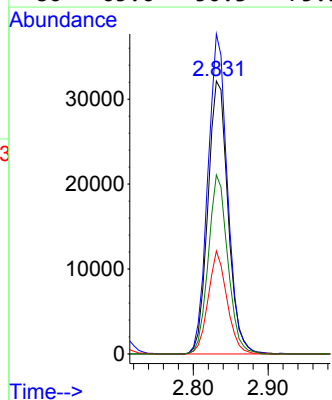
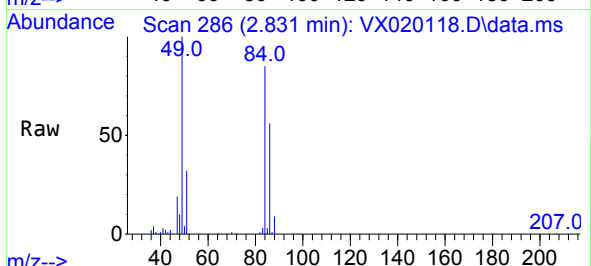


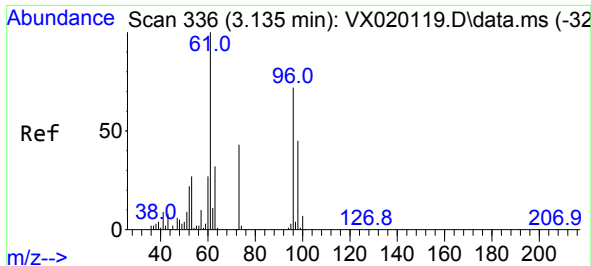
Tgt Ion: 73 Resp: 175789
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 18.48 ug/l
RT: 2.831 min Scan# 286
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

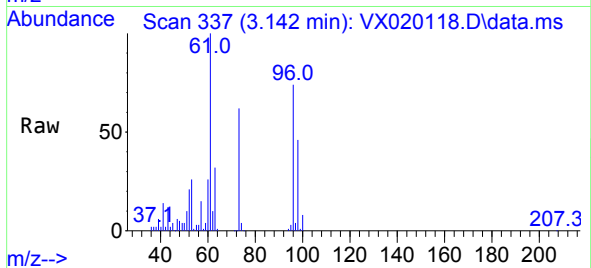
Tgt Ion: 84 Resp: 60256
Ion Ratio Lower Upper
84 100
49 117.2 88.6 132.8
51 37.7 27.0 40.6
86 65.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

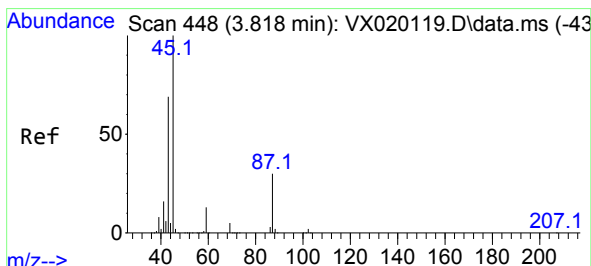
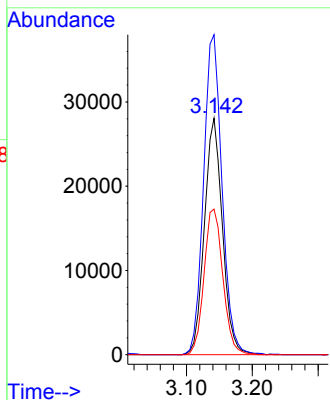
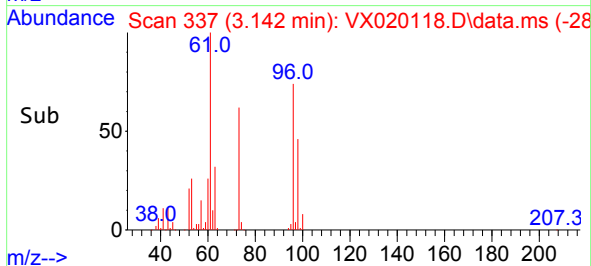
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



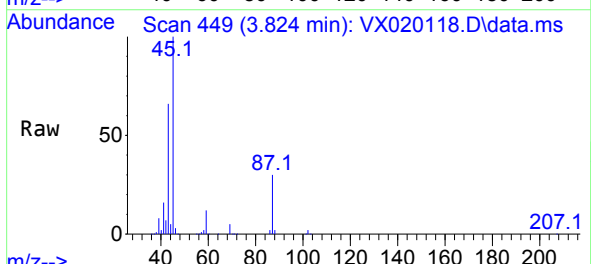
Tgt Ion: 96 Resp: 53557
Ion Ratio Lower Upper
96 100
61 135.3 107.7 161.5
98 61.6 50.4 75.6

Manual Integrations
APPROVED

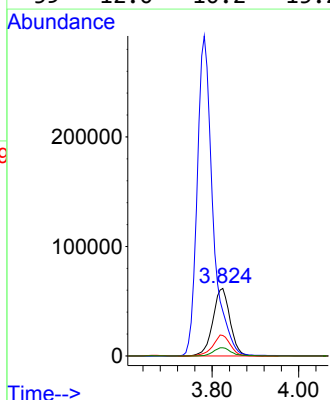
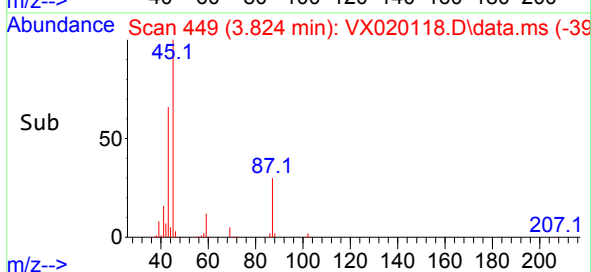
MMDadoda
12/21/2020 3:57:55 PM

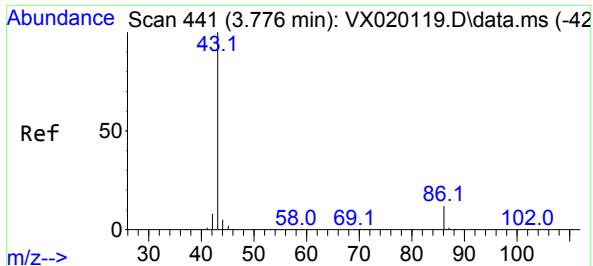


#22
Diisopropyl ether
Concen: 21.05 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



Tgt Ion: 45 Resp: 170222
Ion Ratio Lower Upper
45 100
43 66.1 58.0 87.0
87 30.4 25.4 38.0
59 12.0 10.2 15.2





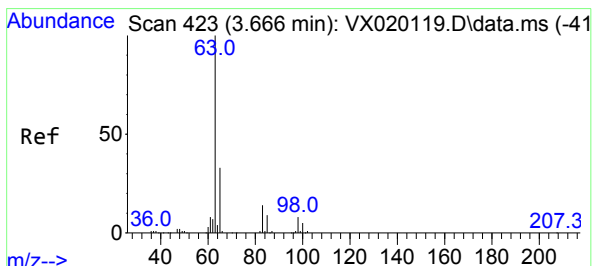
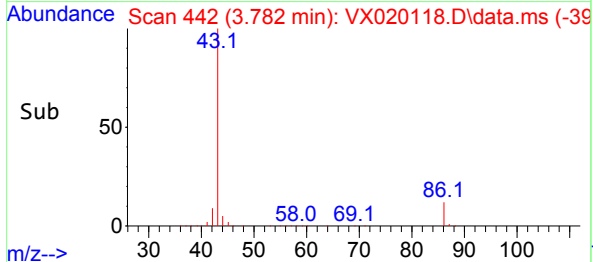
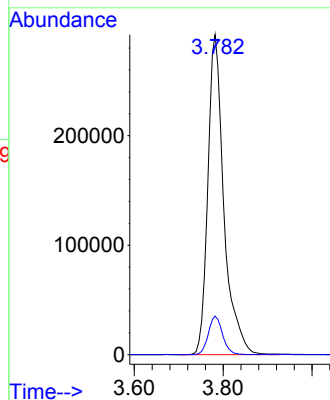
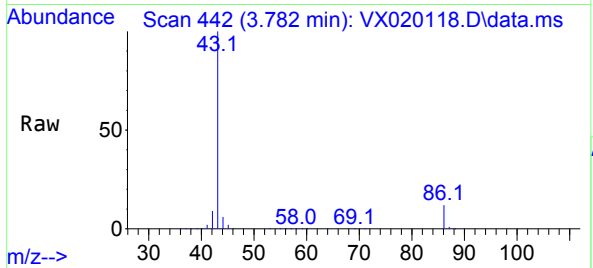
#23
 Vinyl Acetate
 Concen: 105.89 ug/l
 RT: 3.782 min Scan# 442
 Delta R.T. 0.006 min
 Lab File: VX020118.D
 Acq: 18 Dec 2020 11:22

Tgt Ion: 43 Resp: 733302
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

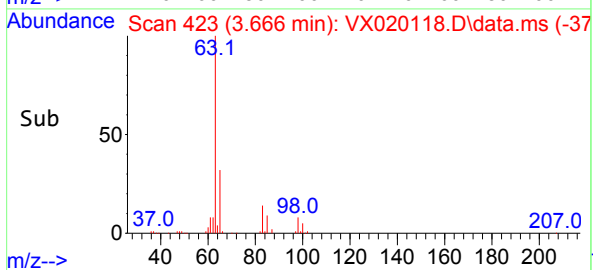
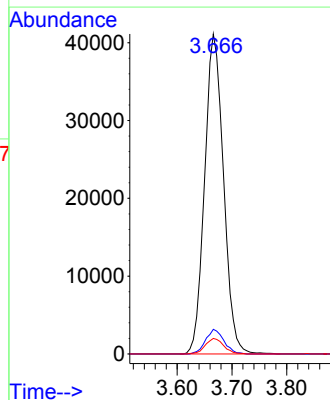
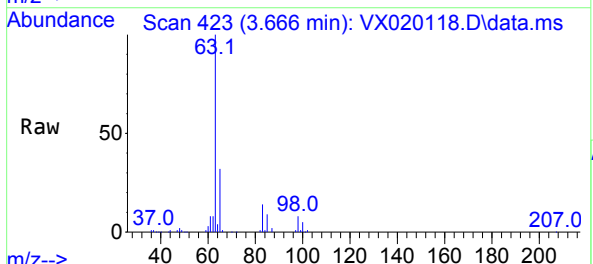
Manual Integrations
 APPROVED

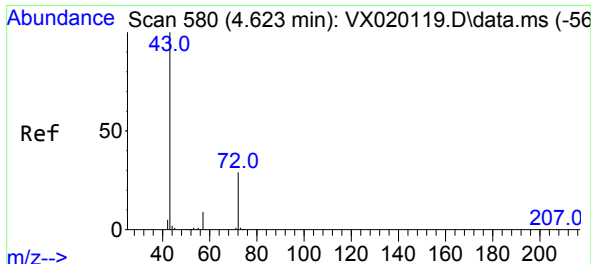
MMDadoda
 12/21/2020 3:57:55 PM



#24
 1,1-Dichloroethane
 Concen: 20.43 ug/l
 RT: 3.666 min Scan# 423
 Delta R.T. 0.000 min
 Lab File: VX020118.D
 Acq: 18 Dec 2020 11:22

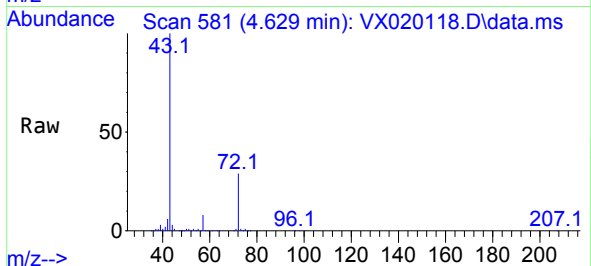
Tgt Ion: 63 Resp: 98330
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 106.82 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

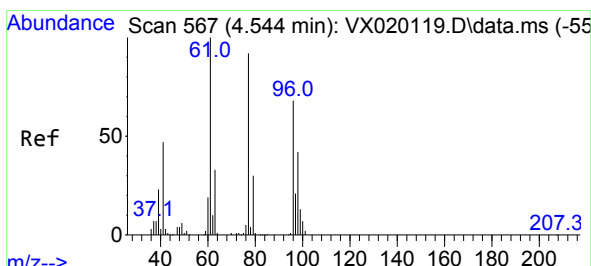
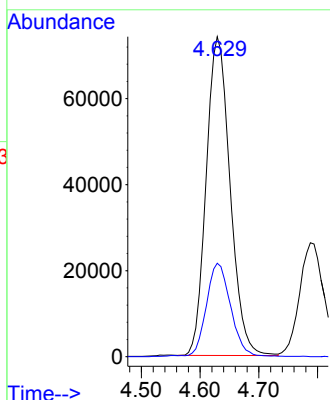
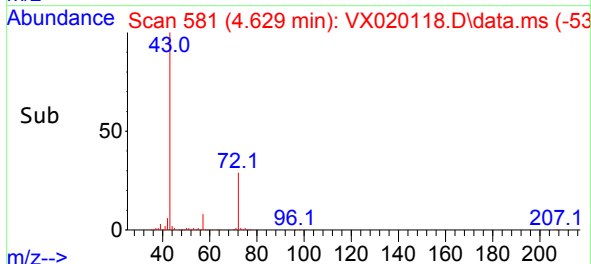
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



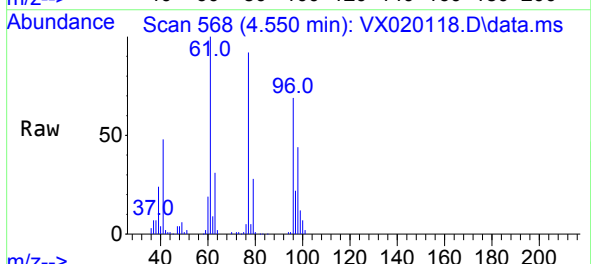
Tgt Ion: 43 Resp: 209079
Ion Ratio Lower Upper
43 100
72 29.1 23.7 35.5

Manual Integrations
APPROVED

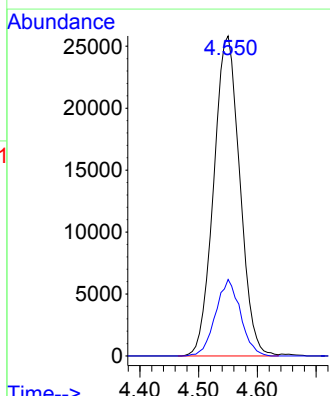
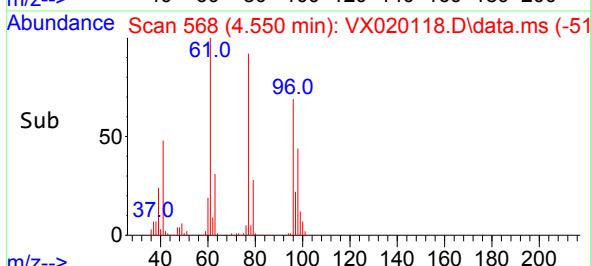
MMDadoda
12/21/2020 3:57:55 PM

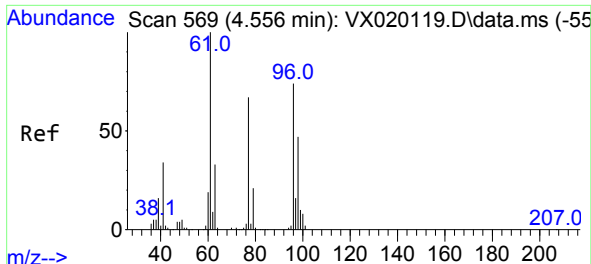


#26
2,2-Dichloropropane
Concen: 19.55 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



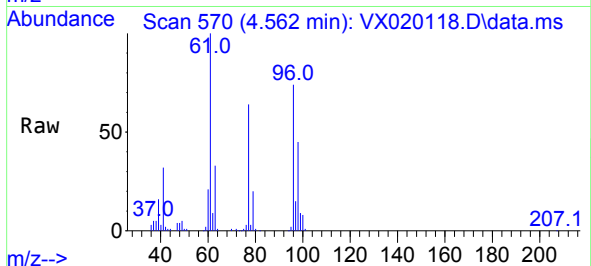
Tgt Ion: 77 Resp: 79674
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 19.74 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

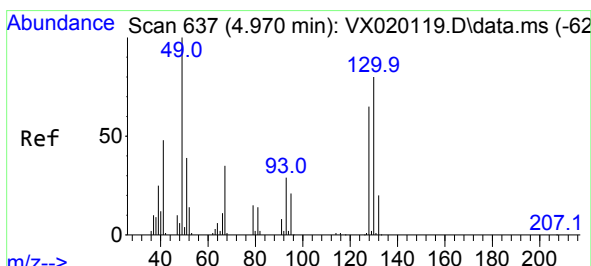
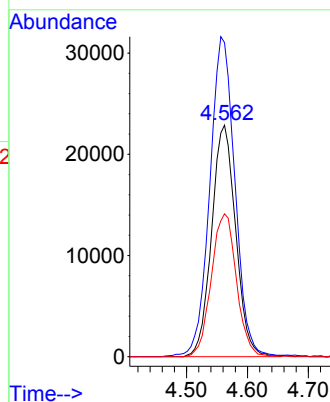
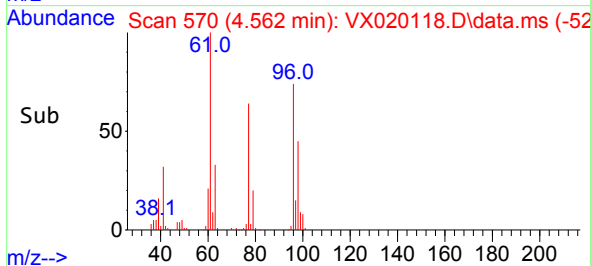
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



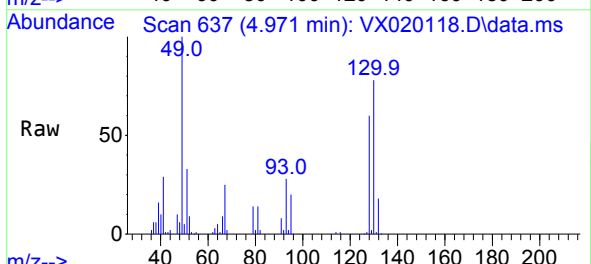
Tgt Ion: 96 Resp: 62878
Ion Ratio Lower Upper
96 100
61 144.2 0.0 285.6
98 64.3 0.0 129.6

Manual Integrations
APPROVED

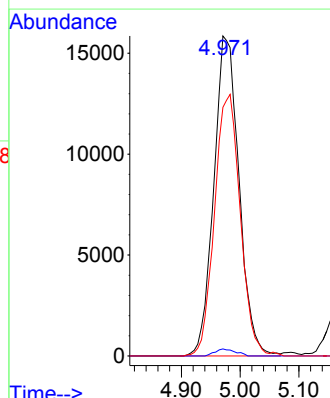
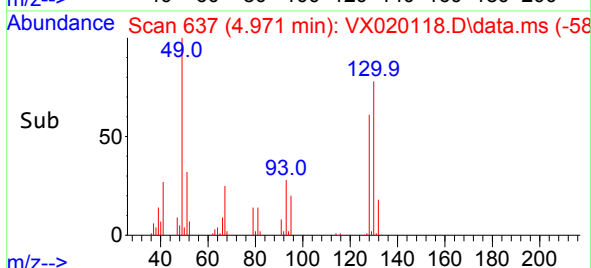
MMDadoda
12/21/2020 3:57:55 PM

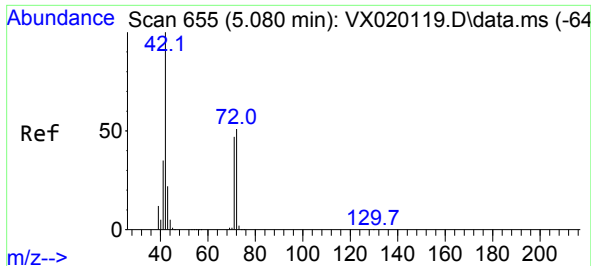


#28
Bromochloromethane
Concen: 20.83 ug/l
RT: 4.971 min Scan# 637
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



Tgt Ion: 49 Resp: 47281
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 83.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 102.74 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX020118.D

Acq: 18 Dec 2020 11:22

Tgt Ion:	42	Resp:	129455
Ion	Ratio	Lower	Upper
42	100		
72	50.6	41.7	62.5
71	46.5	38.4	57.6

Instrument :

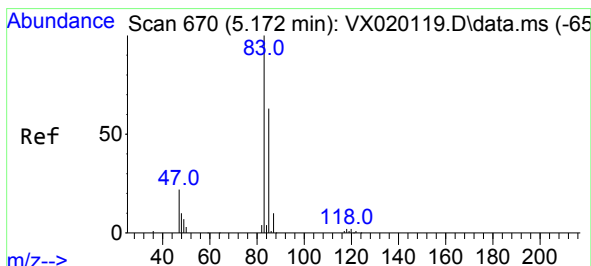
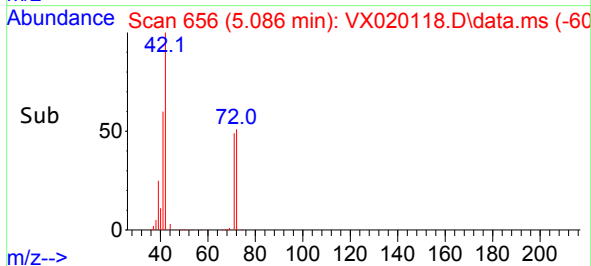
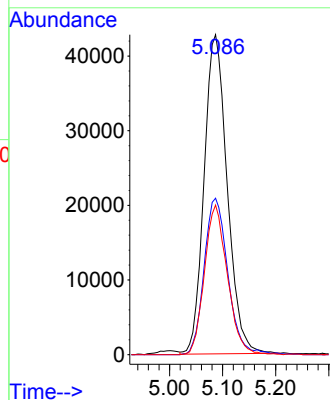
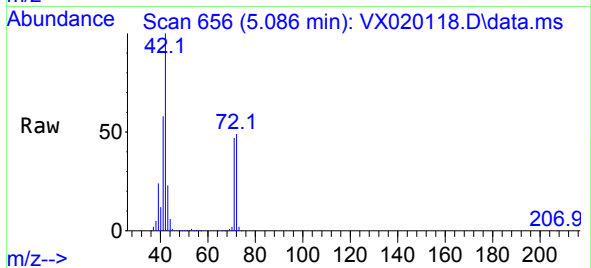
MSVOA_X

ClientSampleId :

VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



#30

Chloroform

Concen: 20.48 ug/l

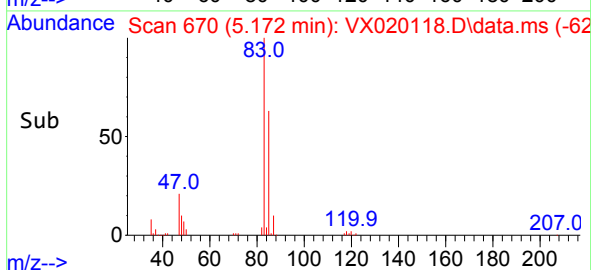
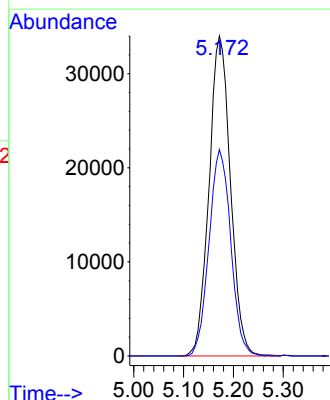
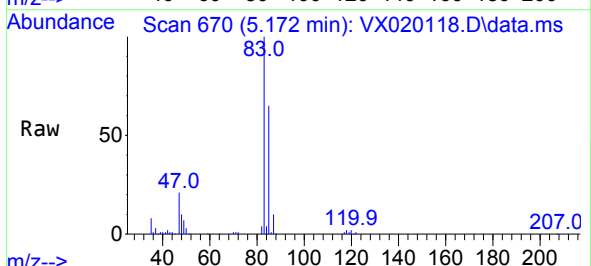
RT: 5.172 min Scan# 670

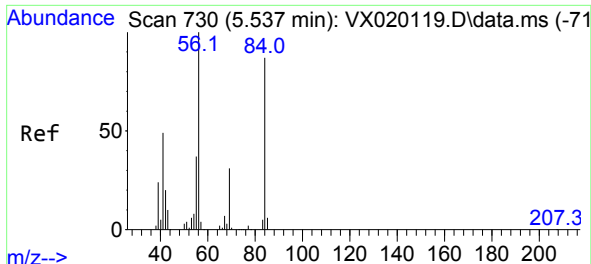
Delta R.T. 0.000 min

Lab File: VX020118.D

Acq: 18 Dec 2020 11:22

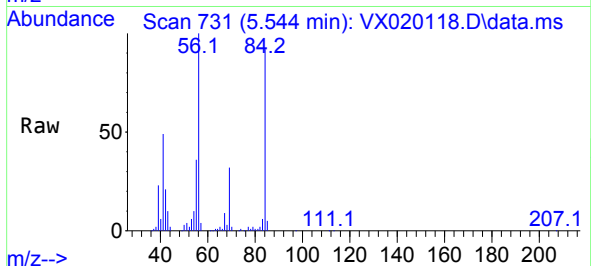
Tgt Ion:	83	Resp:	101494
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





#31
Cyclohexane
Concen: 19.45 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

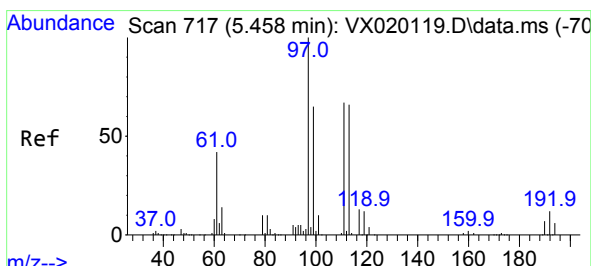
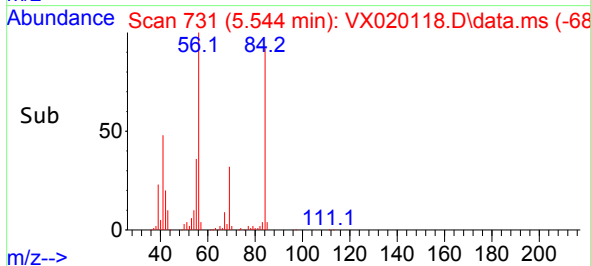
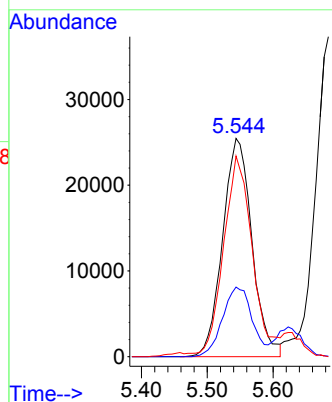
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 78973
Ion Ratio Lower Upper
56 100
69 31.9 25.3 37.9
84 90.0 71.4 107.0

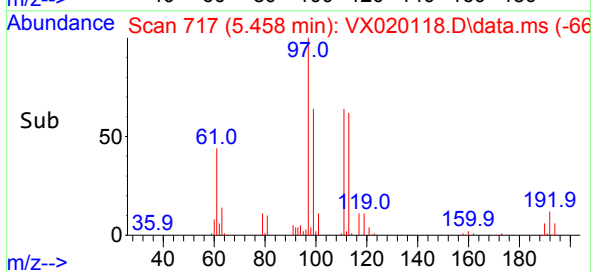
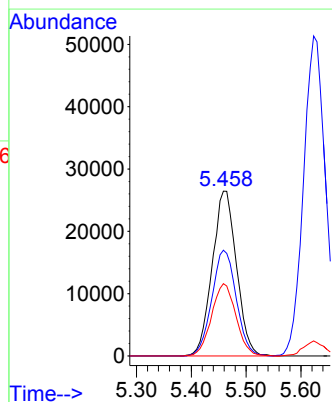
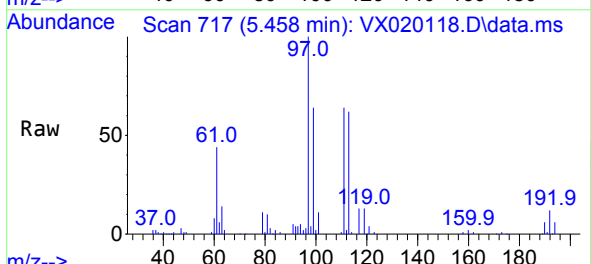
Manual Integrations
APPROVED

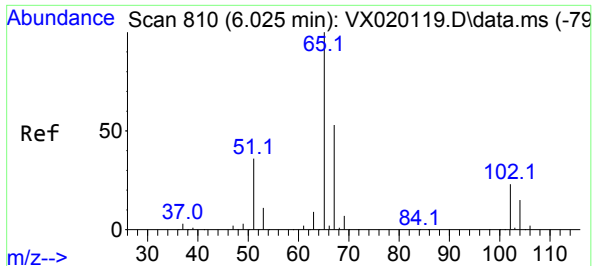
MMDadoda
12/21/2020 3:57:55 PM



#32
1,1,1-Trichloroethane
Concen: 19.44 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 97 Resp: 81252
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 44.2 34.2 51.4





#33

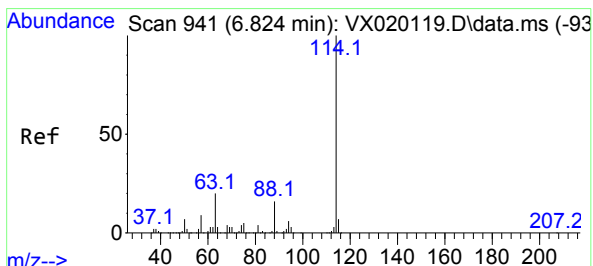
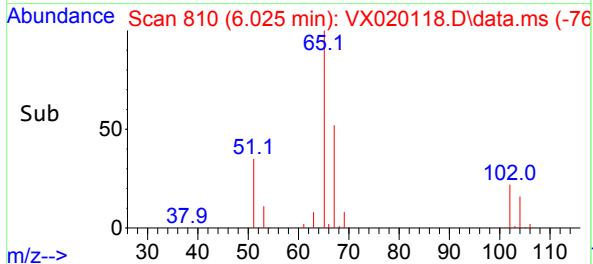
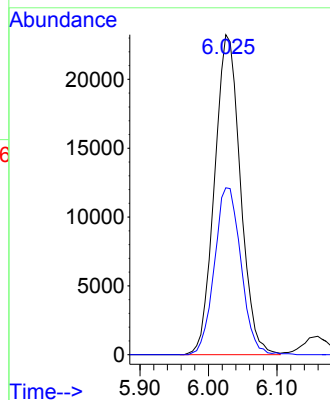
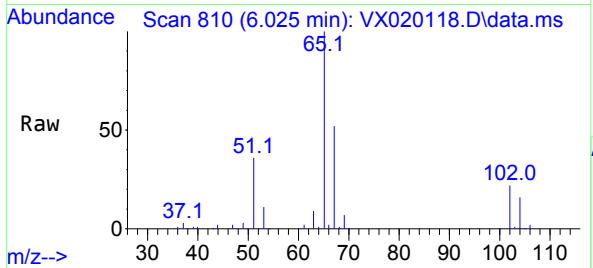
1,2-Dichloroethane-d4
Concen: 18.33 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 65 Resp: 60863
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

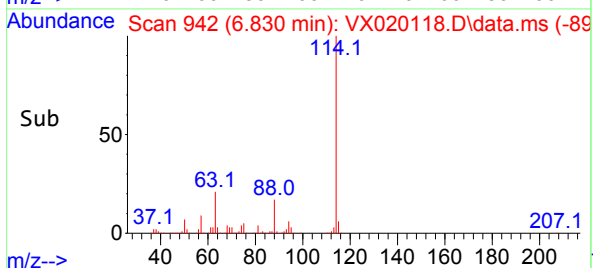
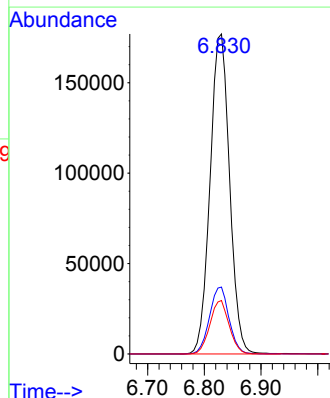
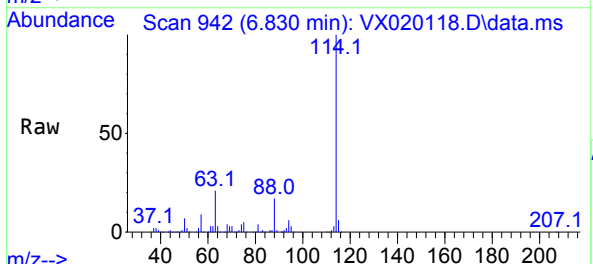
MMDadoda
12/21/2020 3:57:55 PM

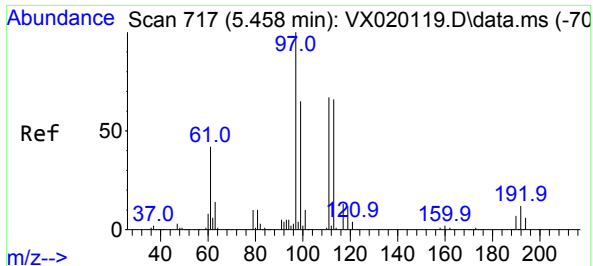


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 114 Resp: 422890
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8





#35

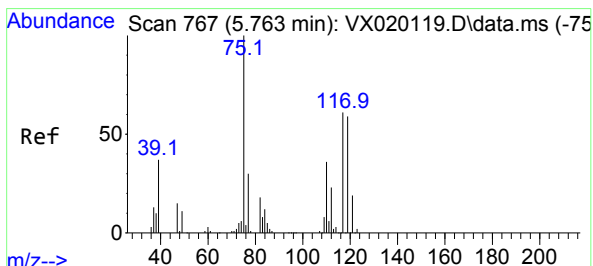
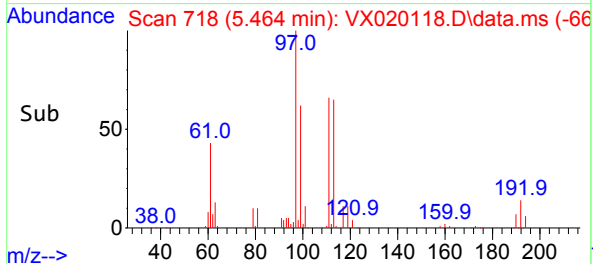
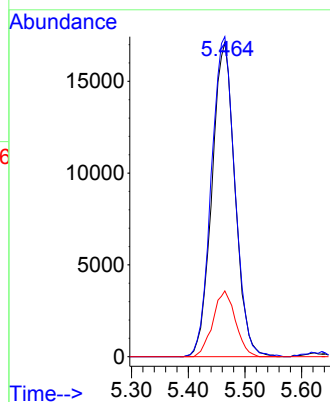
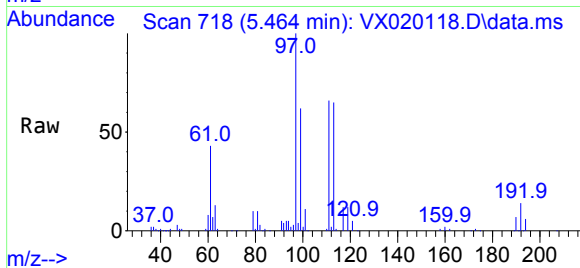
Dibromofluoromethane
Concen: 17.58 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	20.5	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

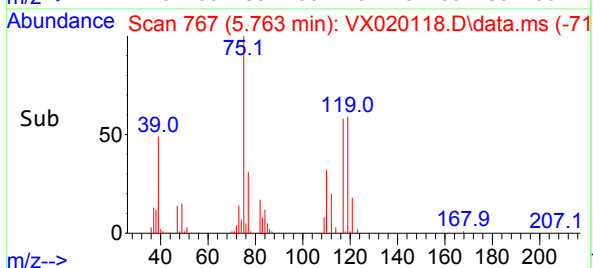
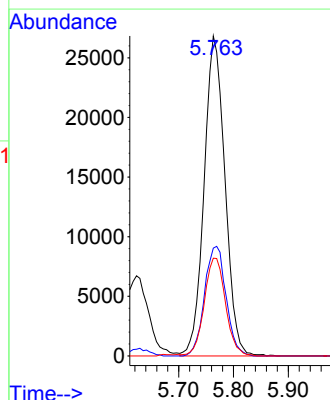
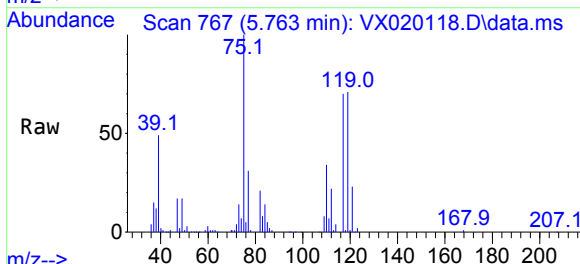
MMDadoda
12/21/2020 3:57:55 PM

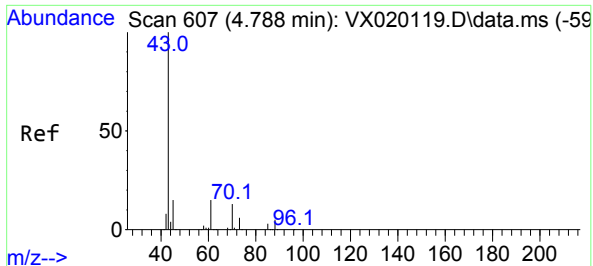


#36

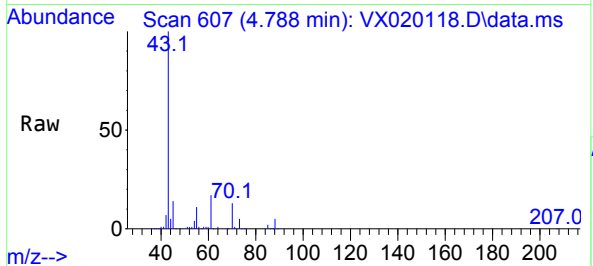
1,1-Dichloropropene
Concen: 18.55 ug/l
RT: 5.763 min Scan# 767
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.1	54.4
77	31.2	25.3	37.9

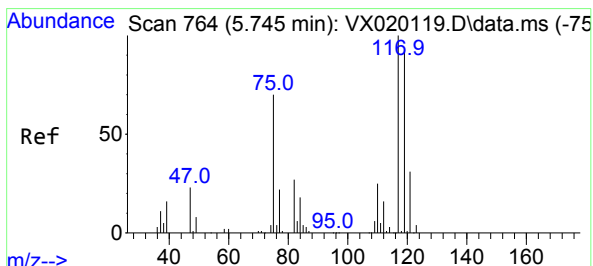
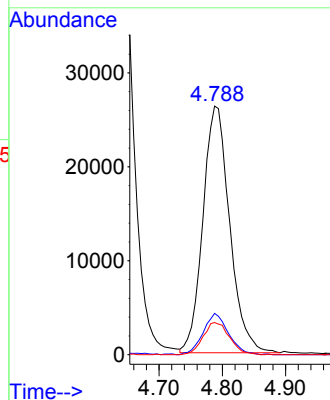
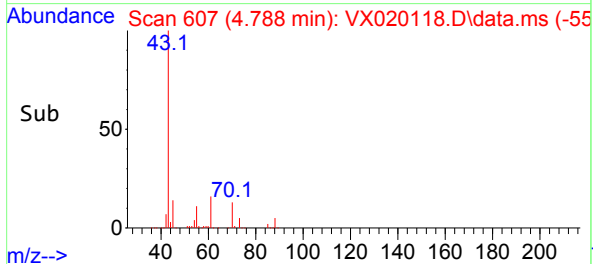




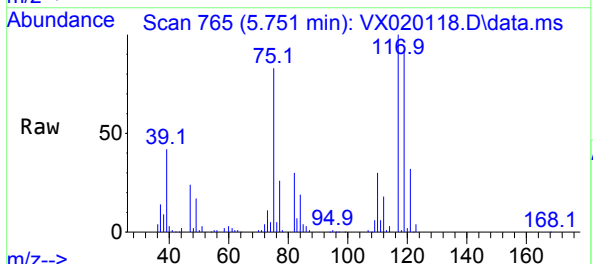
#37
Ethyl Acetate
Concen: 19.43 ug/l
RT: 4.788 min Scan# 607
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



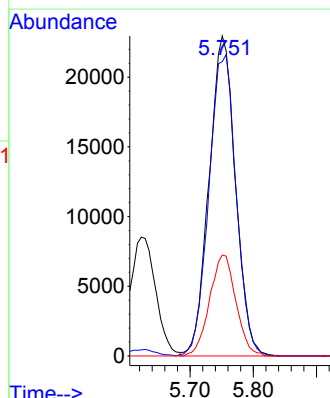
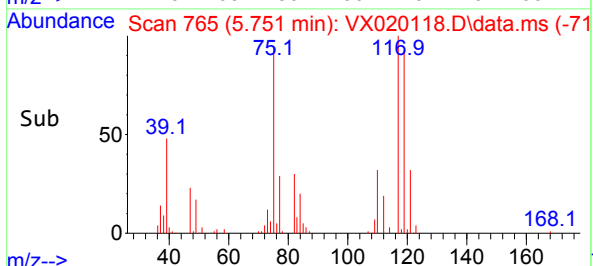
Tgt Ion: 43 Resp: 77236
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 17.91 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



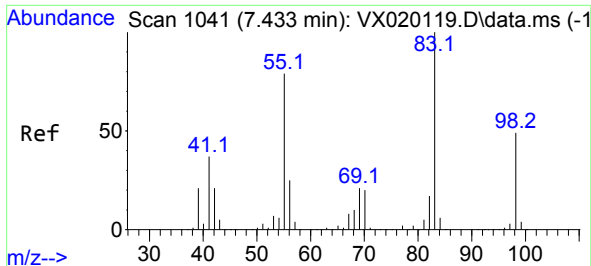
Tgt Ion: 117 Resp: 66549
Ion Ratio Lower Upper
117 100
119 92.0 76.2 114.2
121 31.5 24.8 37.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



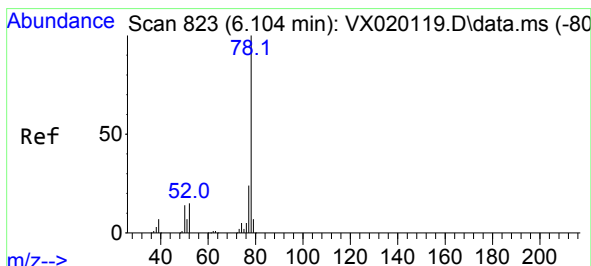
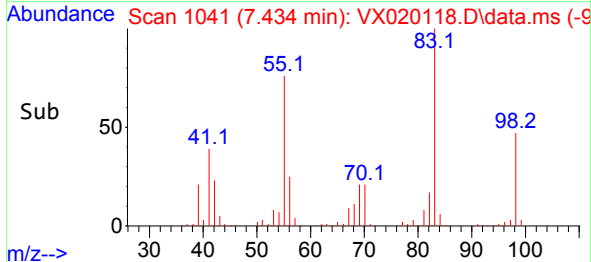
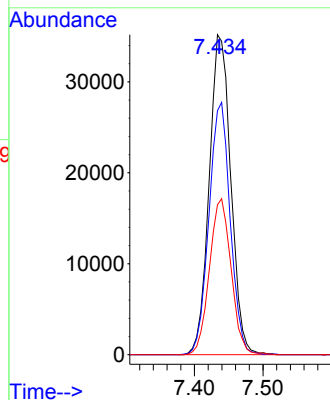
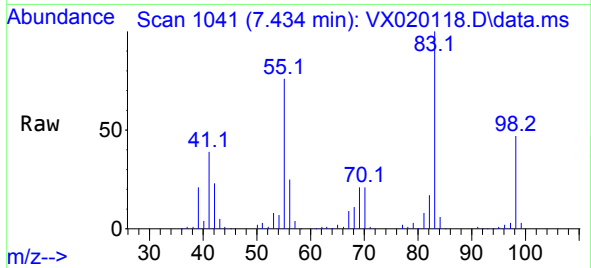
#39
Methylcyclohexane
Concen: 17.44 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 83 Resp: 77166
Ion Ratio Lower Upper
83 100
55 76.3 58.9 88.3
98 46.8 38.1 57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

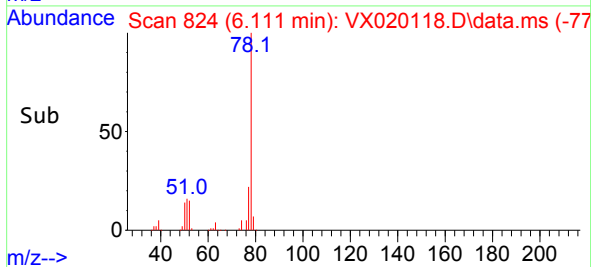
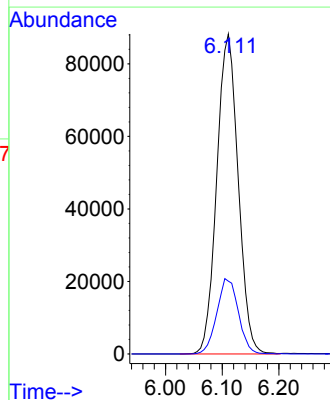
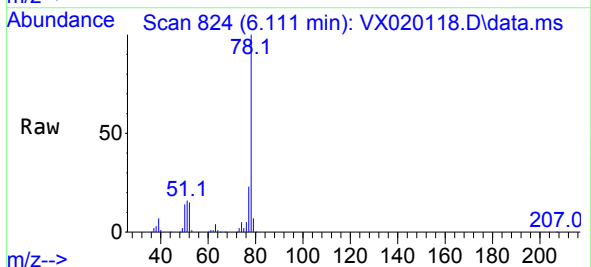
Manual Integrations
APPROVED

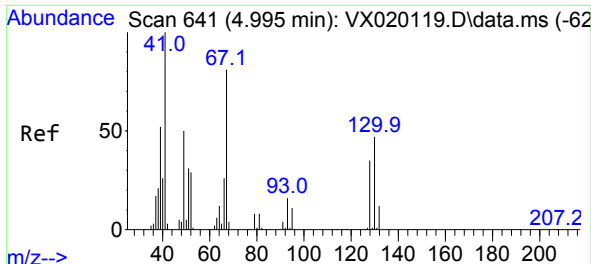
MMDadoda
12/21/2020 3:57:55 PM



#40
Benzene
Concen: 19.43 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

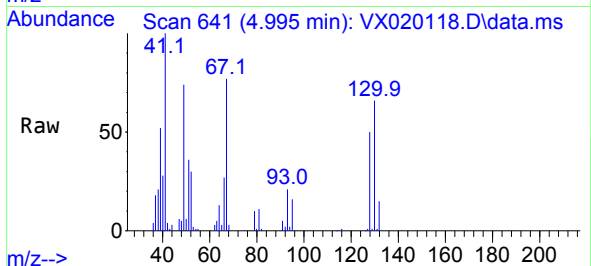
Tgt Ion: 78 Resp: 230779
Ion Ratio Lower Upper
78 100
77 22.7 18.9 28.3





#41
Methacrylonitrile
Concen: 19.05 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

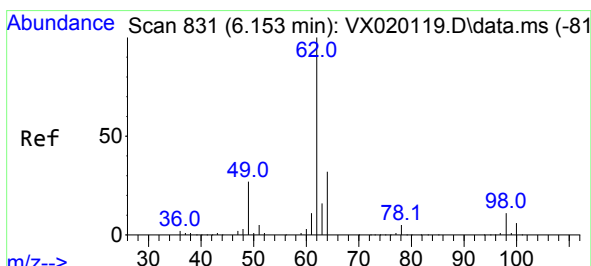
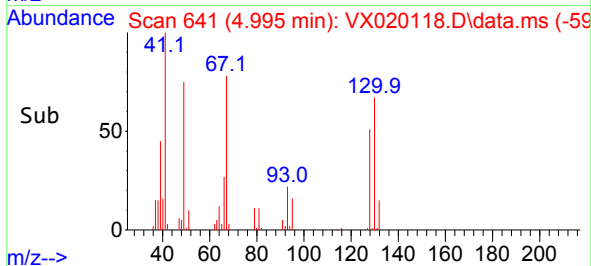
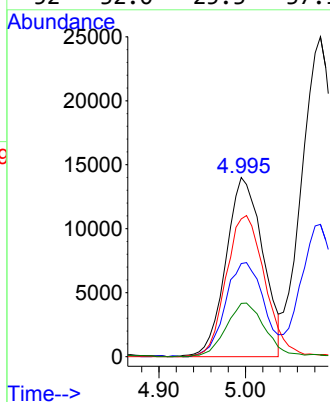
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:	41	Resp:	41522
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.5	63.7
67	83.2	65.0	97.6
52	32.0	25.3	37.9

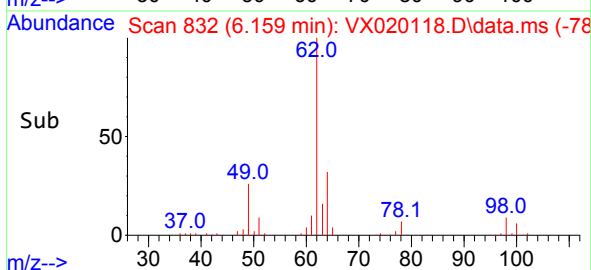
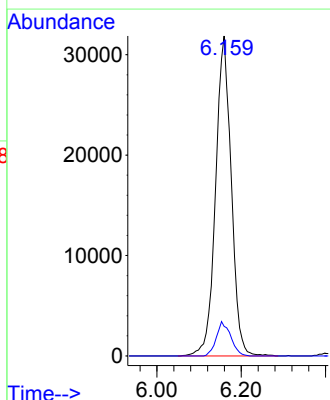
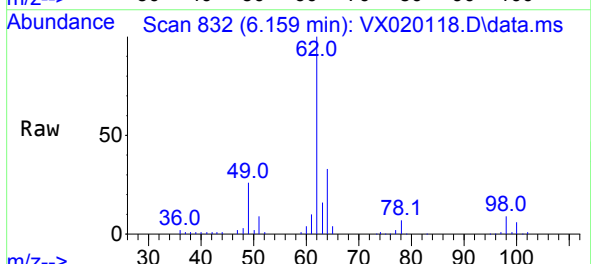
Manual Integrations
APPROVED

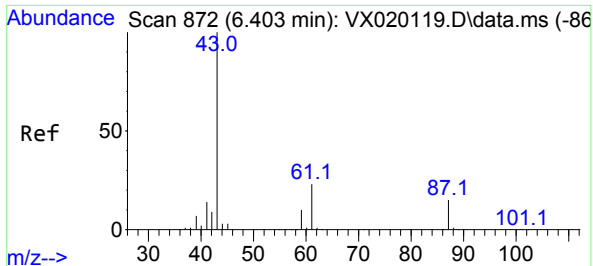
MMDadoda
12/21/2020 3:57:55 PM



#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 6.159 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	62	Resp:	81923
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





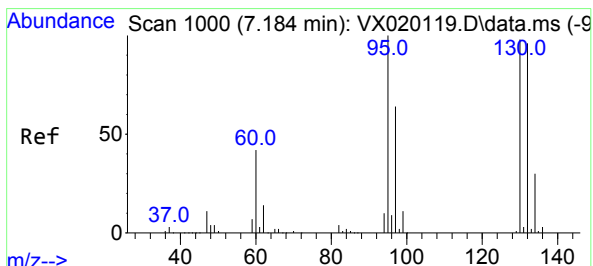
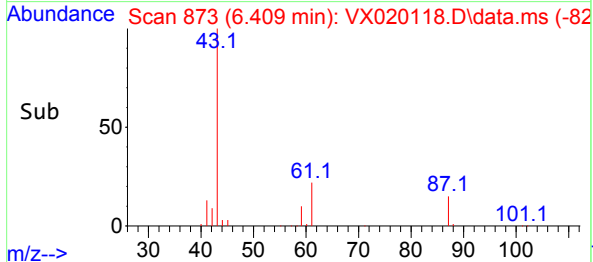
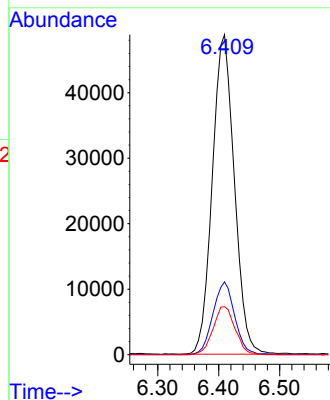
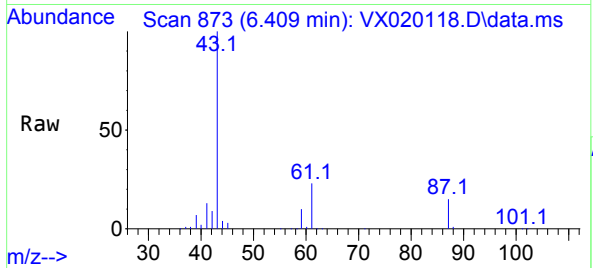
#43
Isopropyl Acetate
Concen: 19.04 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 43 Resp: 122463
Ion Ratio Lower Upper
43 100
61 22.5 18.2 27.4
87 15.0 12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

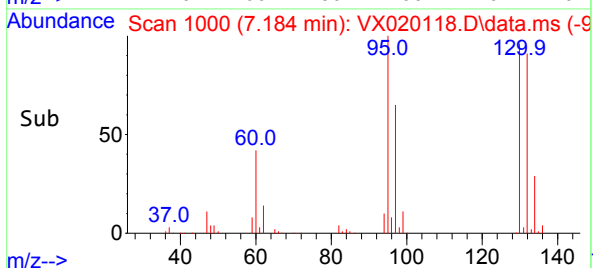
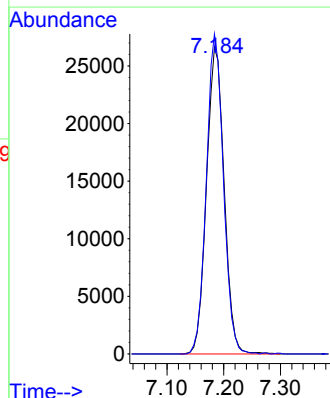
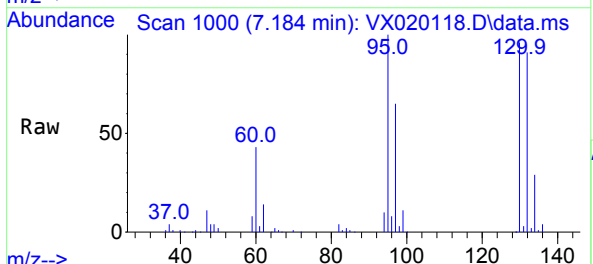
Manual Integrations
APPROVED

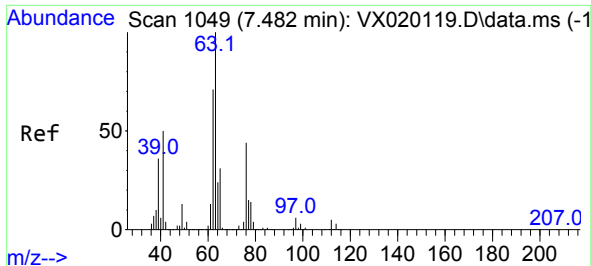
MMDadoda
12/21/2020 3:57:55 PM



#44
Trichloroethene
Concen: 18.65 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

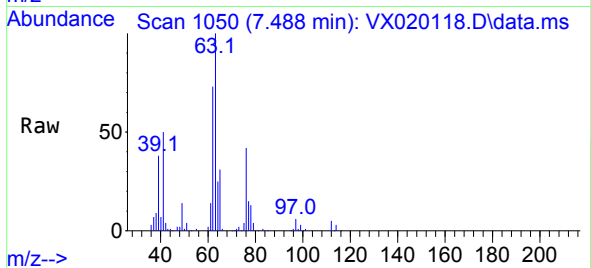
Tgt Ion:130 Resp: 57435
Ion Ratio Lower Upper
130 100
95 104.3 0.0 198.0





#45
1,2-Dichloropropane
Concen: 19.82 ug/l
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

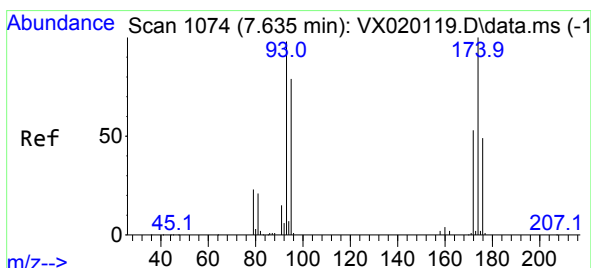
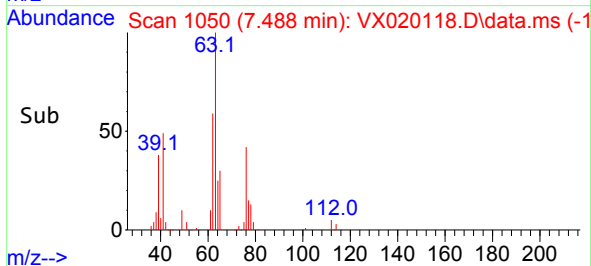
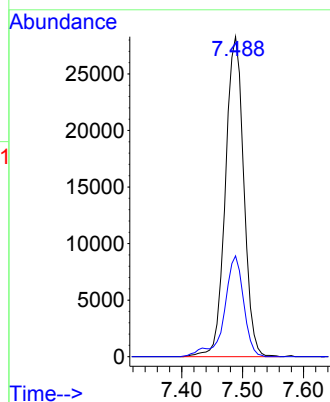
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 63 Resp: 59240
Ion Ratio Lower Upper
63 100
65 31.5 25.7 38.5

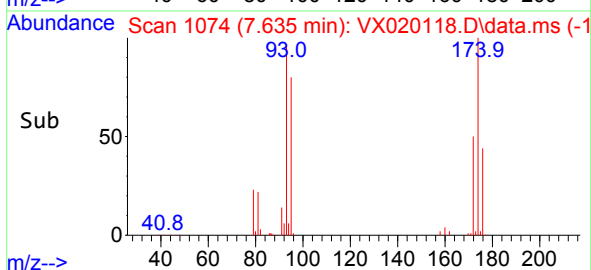
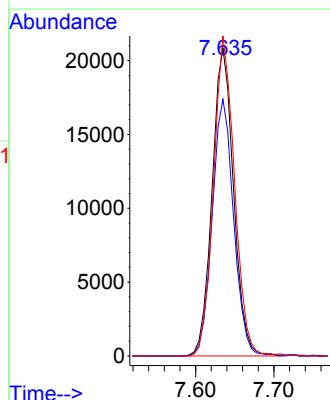
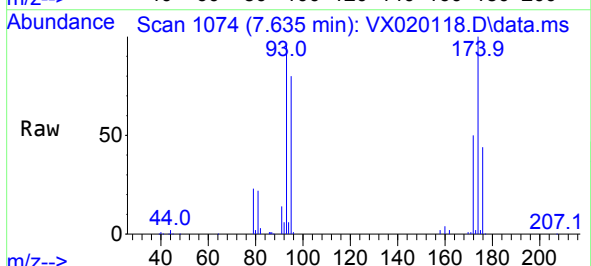
Manual Integrations
APPROVED

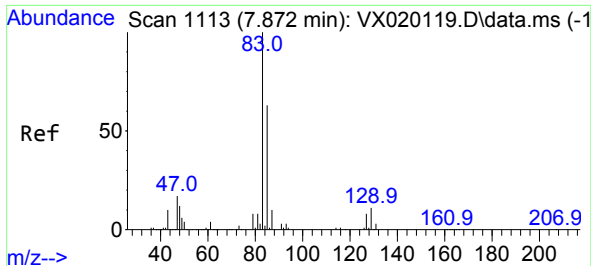
MMDadoda
12/21/2020 3:57:55 PM



#46
Dibromomethane
Concen: 19.61 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 93 Resp: 39632
Ion Ratio Lower Upper
93 100
95 83.2 66.8 100.2
174 101.7 83.1 124.7





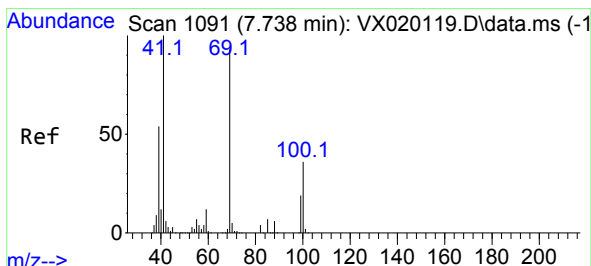
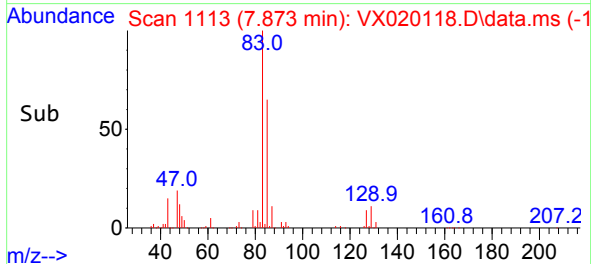
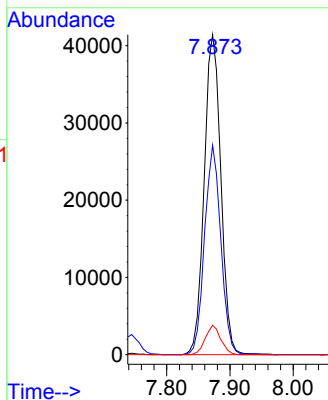
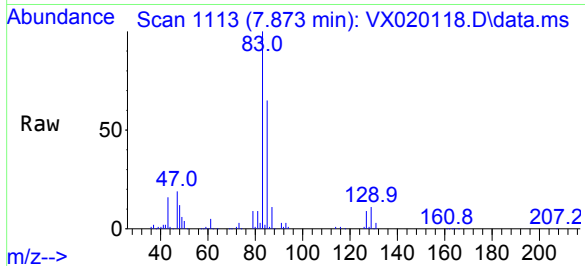
#47
Bromodichloromethane
Concen: 19.04 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	83	Resp:	75932
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.0
127	9.2	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

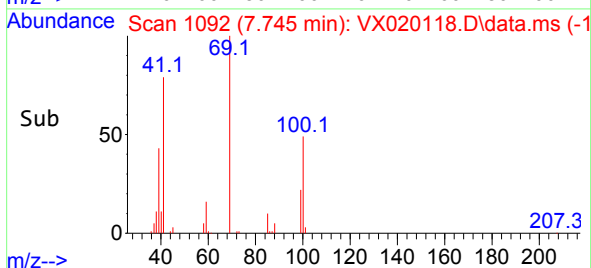
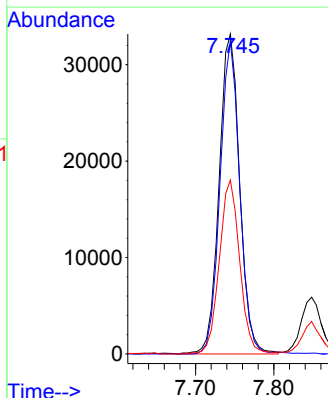
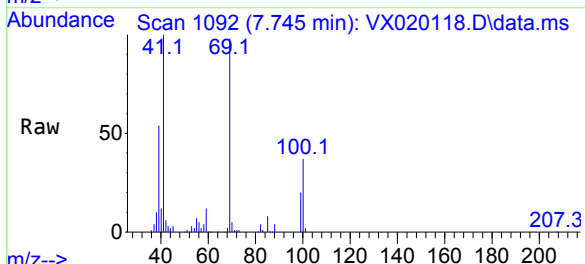
Manual Integrations
APPROVED

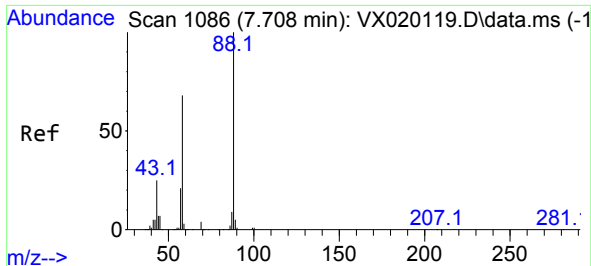
MMDadoda
12/21/2020 3:57:55 PM



#48
Methyl methacrylate
Concen: 19.12 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	41	Resp:	60534
Ion	Ratio	Lower	Upper
41	100		
69	93.9	76.0	114.0
39	53.9	44.6	67.0





#49
1,4-Dioxane
Concen: 369.33 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

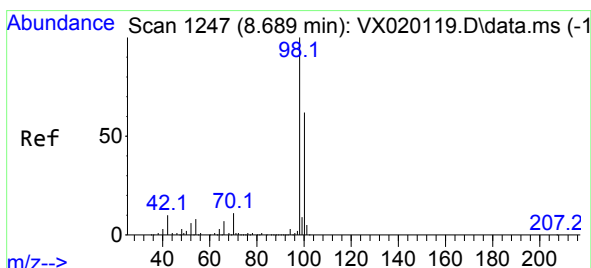
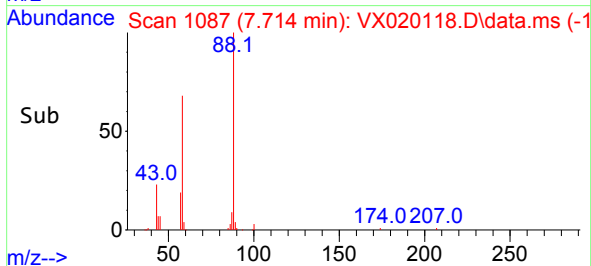
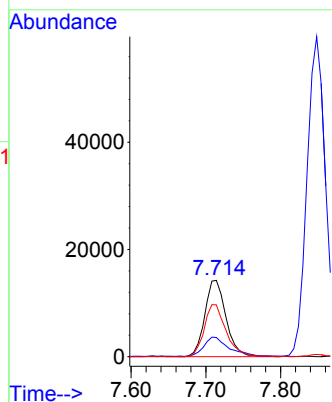
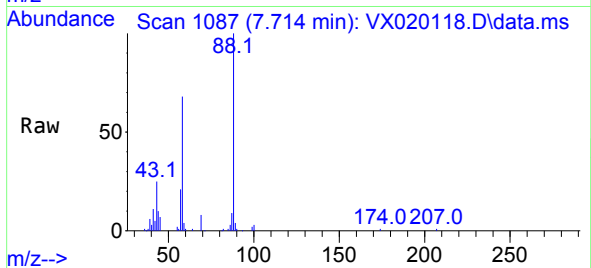
Tgt Ion: 88 Resp: 28042

Ion	Ratio	Lower	Upper
88	100		
43	29.6	23.2	34.8
58	70.6	55.0	82.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

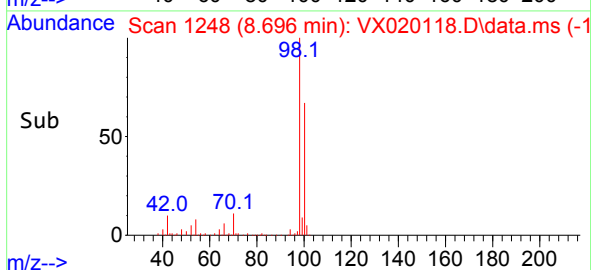
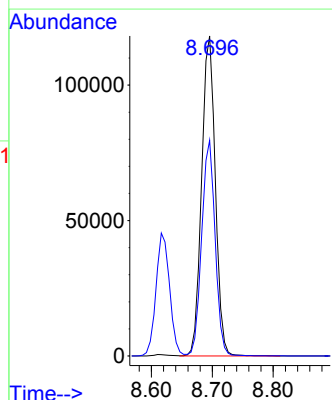
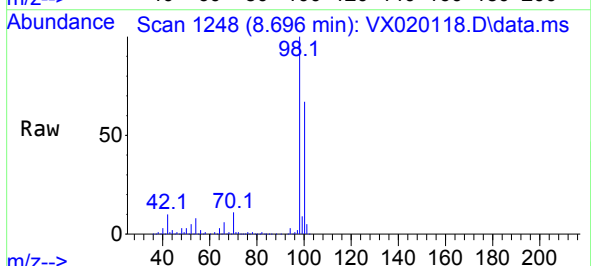
MMDadoda
12/21/2020 3:57:55 PM

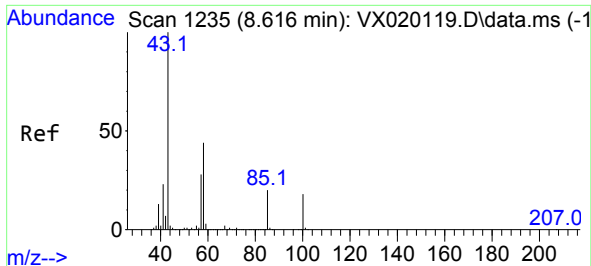


#50
Toluene-d8
Concen: 17.68 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 98 Resp: 184407

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9





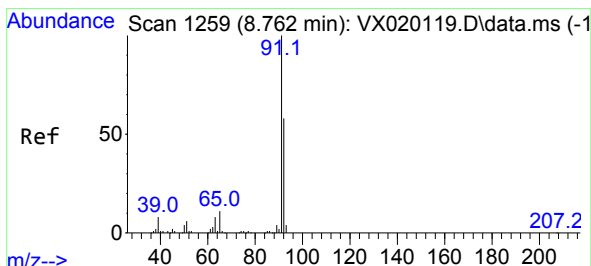
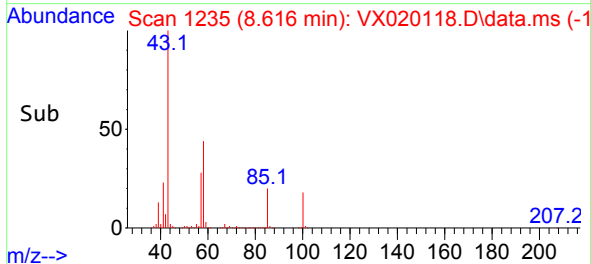
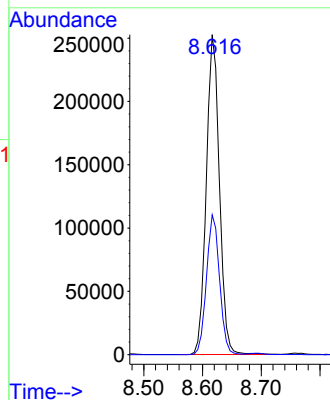
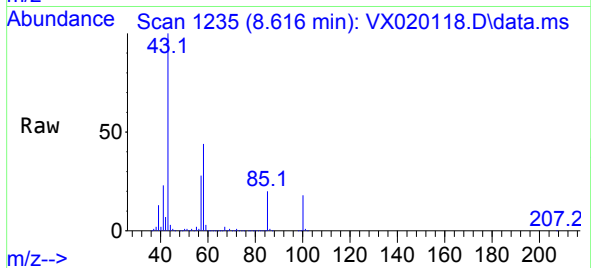
#51
4-Methyl-2-Pentanone
Concen: 99.61 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 43 Resp: 392217
Ion Ratio Lower Upper
43 100
58 43.5 35.4 53.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

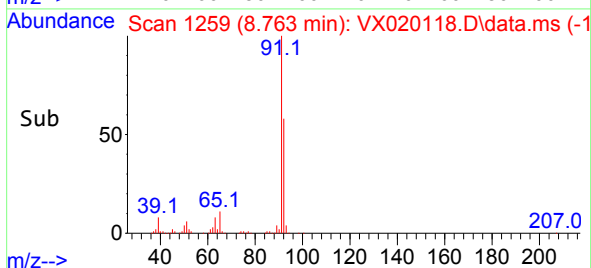
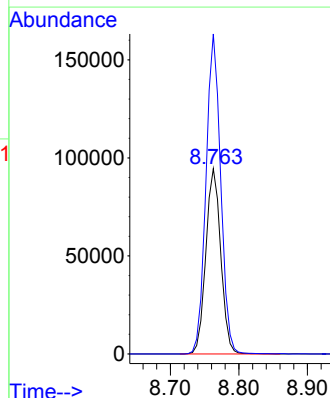
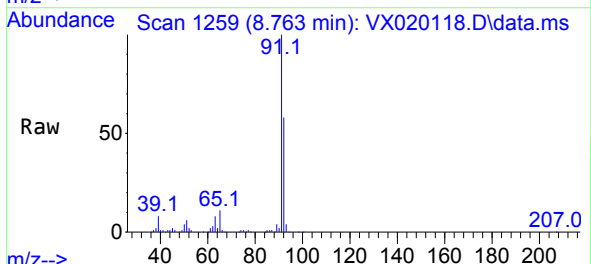
Manual Integrations
APPROVED

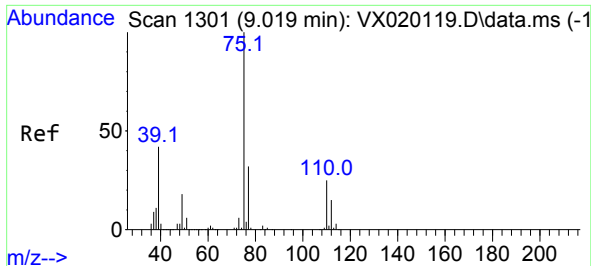
MMDadoda
12/21/2020 3:57:55 PM



#52
Toluene
Concen: 19.36 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 92 Resp: 143180
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





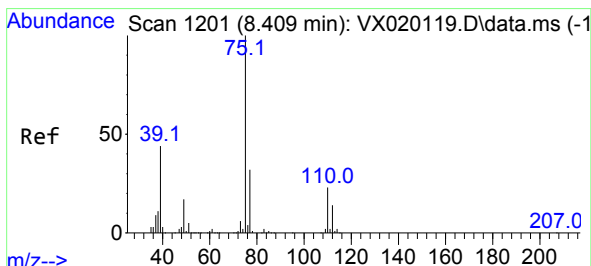
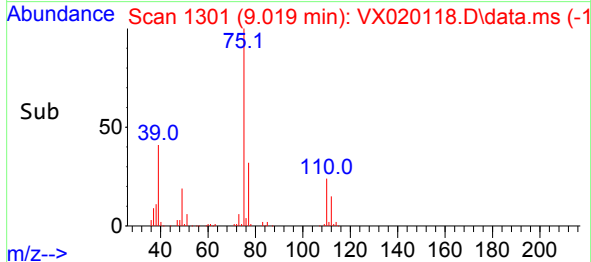
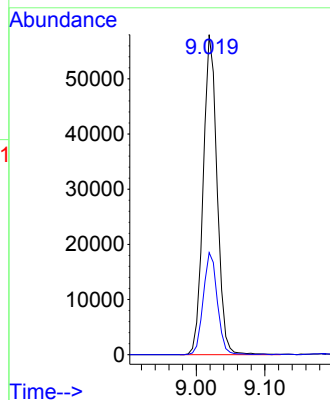
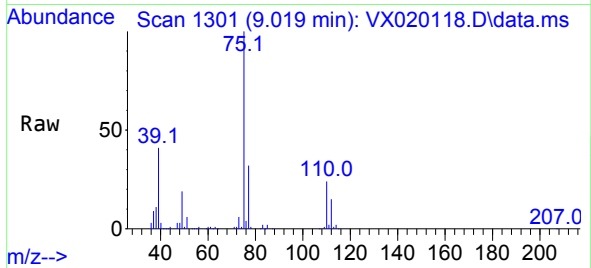
#53
t-1,3-Dichloropropene
Concen: 18.53 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 75 Resp: 81873
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

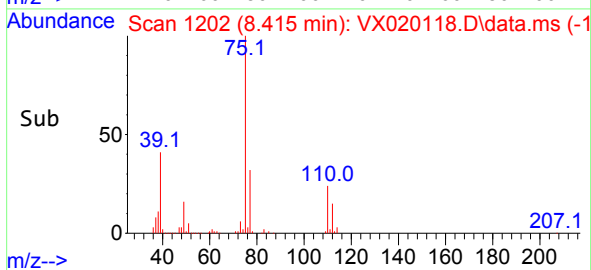
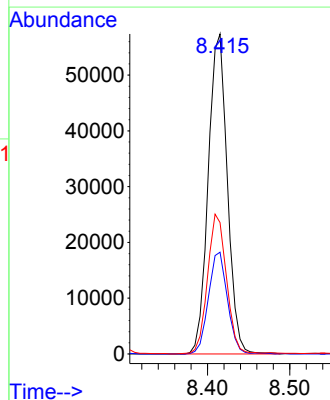
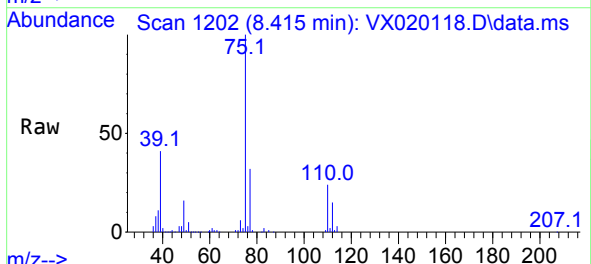
Manual Integrations
APPROVED

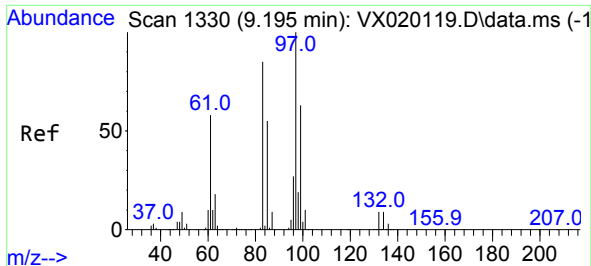
MMDadoda
12/21/2020 3:57:55 PM



#54
cis-1,3-Dichloropropene
Concen: 19.24 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

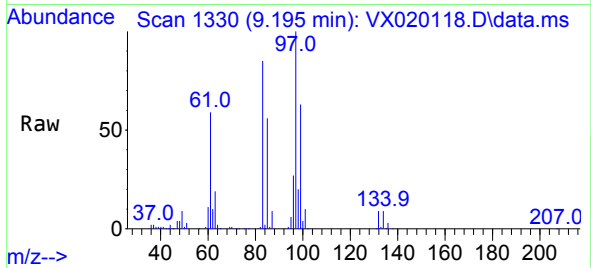
Tgt Ion: 75 Resp: 92588
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 40.9 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 19.67 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

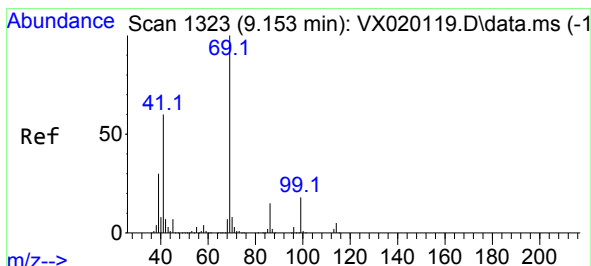
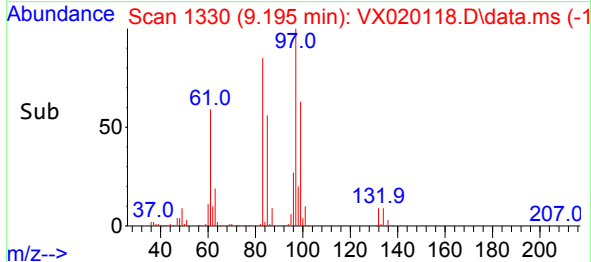
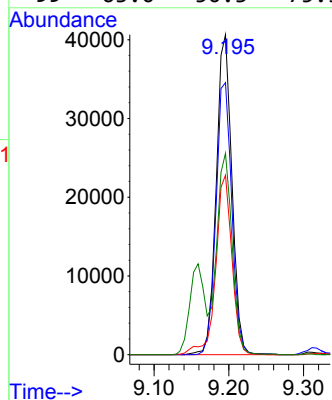
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	59270
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.3	103.9
85	56.1	44.3	66.5
99	63.0	50.3	75.5

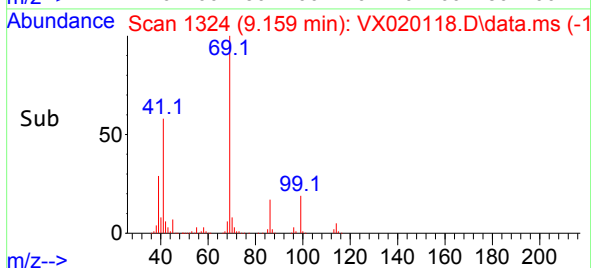
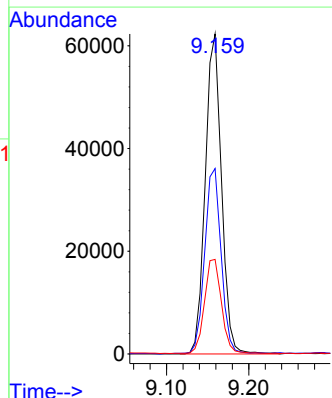
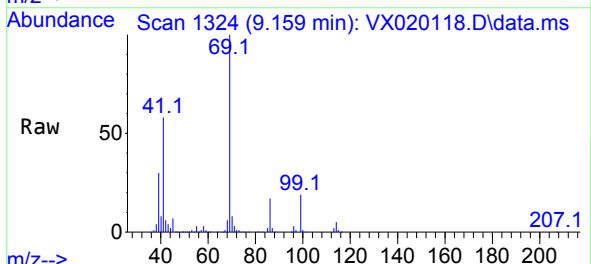
Manual Integrations
APPROVED

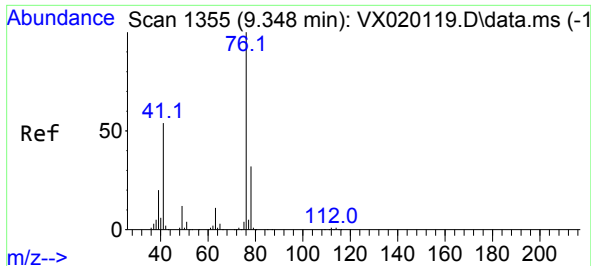
MMDadoda
12/21/2020 3:57:55 PM



#56
Ethyl methacrylate
Concen: 18.82 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:	69	Resp:	85647
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.8	70.2
39	30.8	24.7	37.1





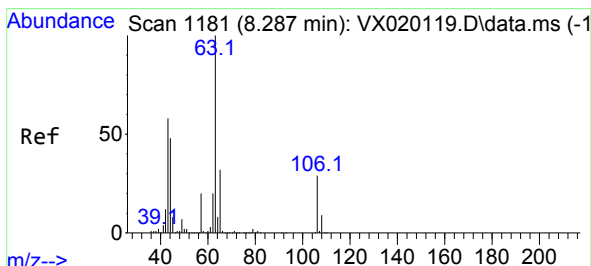
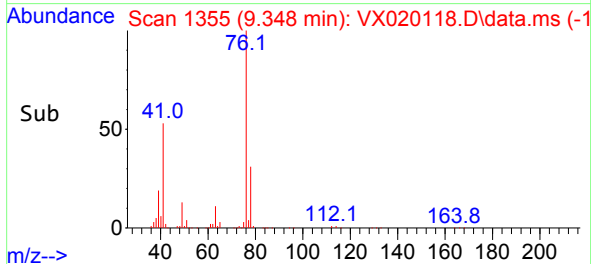
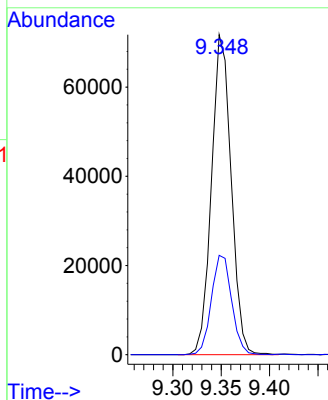
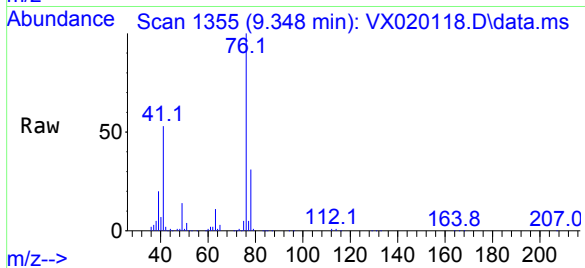
#57
1,3-Dichloropropane
Concen: 19.67 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 76 Resp: 101411
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

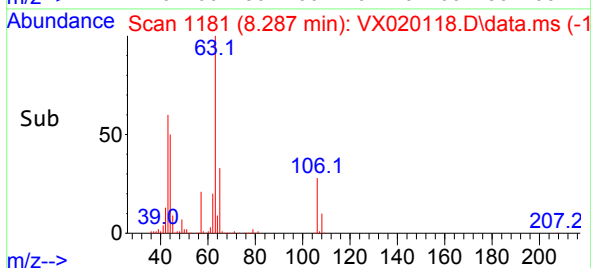
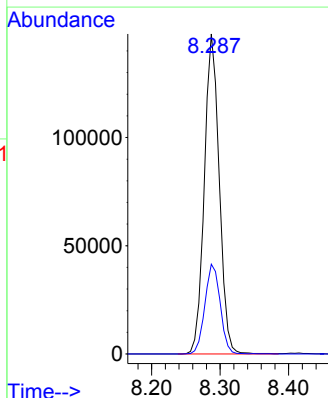
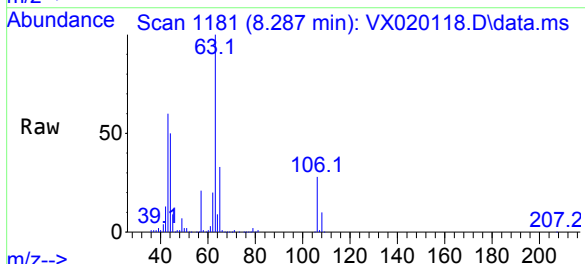
Manual Integrations
APPROVED

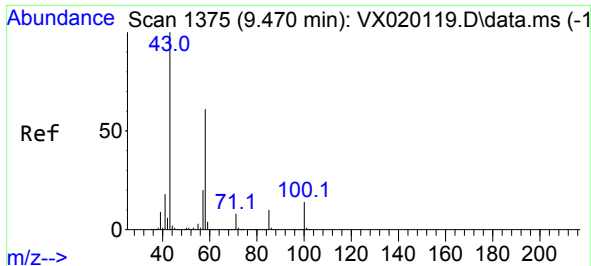
MMDadoda
12/21/2020 3:57:55 PM



#58
2-Chloroethyl Vinyl ether
Concen: 93.12 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 63 Resp: 224154
Ion Ratio Lower Upper
63 100
106 28.8 23.5 35.3





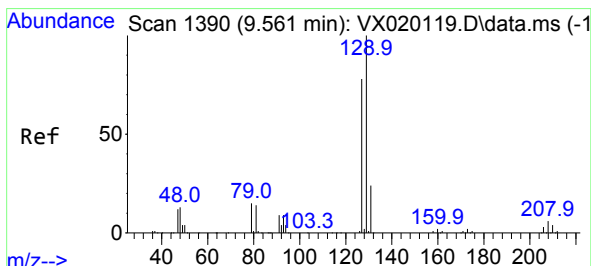
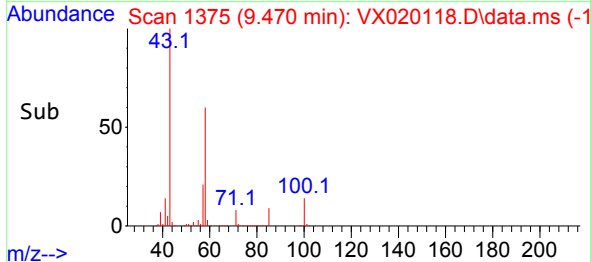
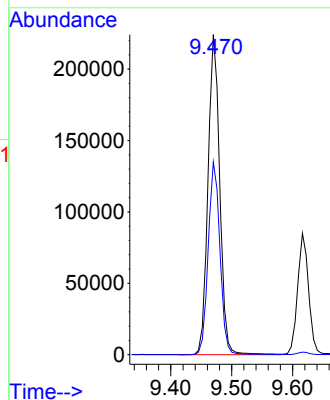
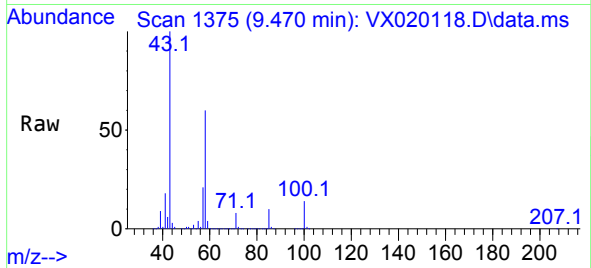
#59
2-Hexanone
Concen: 98.71 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 43 Resp: 299827
Ion Ratio Lower Upper
43 100
58 60.4 30.9 92.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

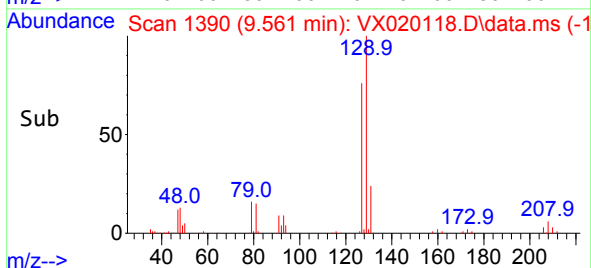
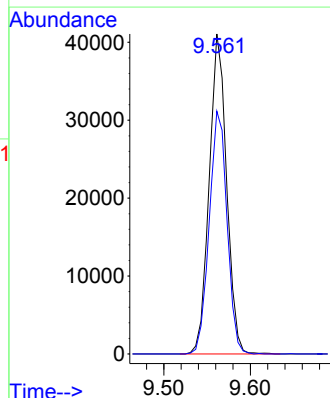
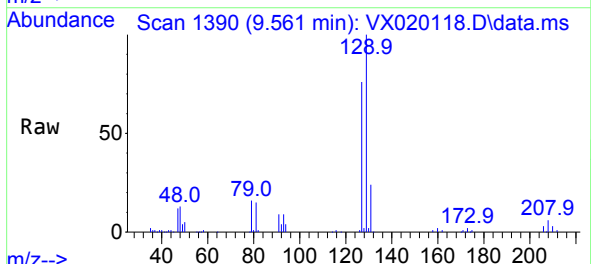
Manual Integrations
APPROVED

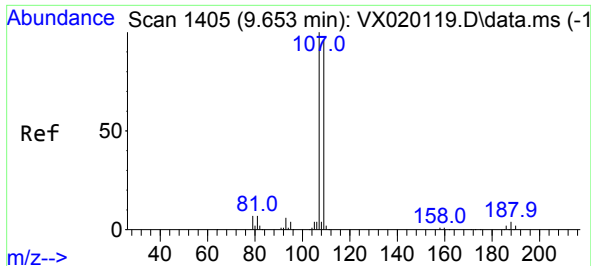
MMDadoda
12/21/2020 3:57:55 PM



#60
Dibromochloromethane
Concen: 18.82 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 129 Resp: 57319
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





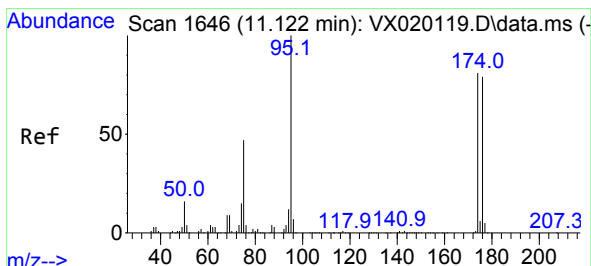
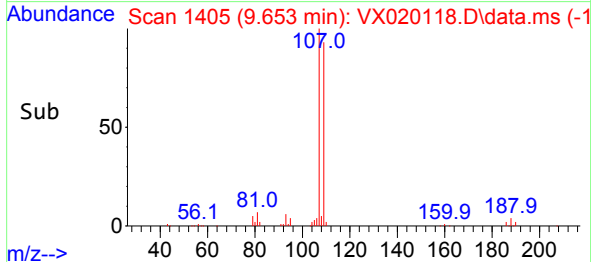
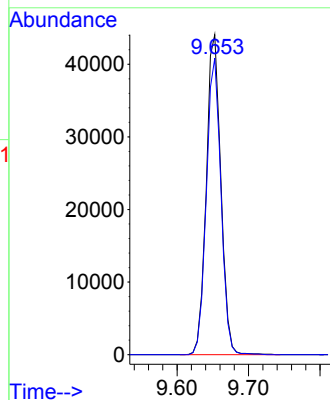
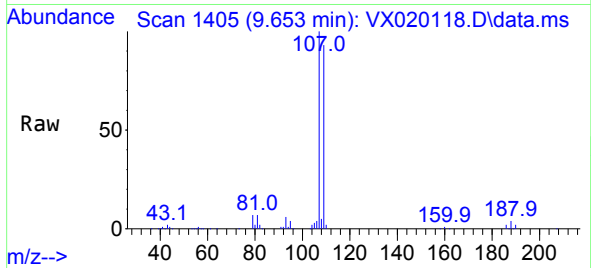
#61
1,2-Dibromoethane
Concen: 19.51 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 107 Resp: 62415
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

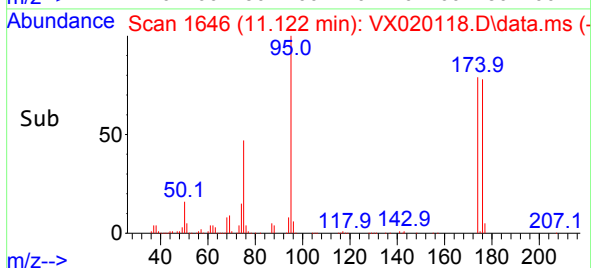
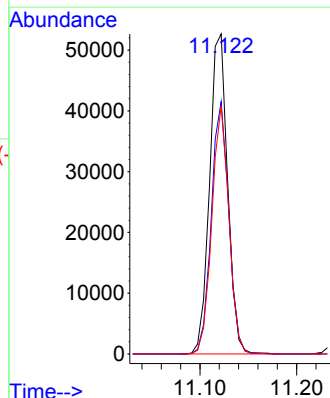
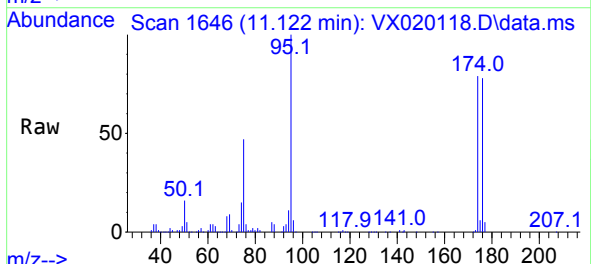
Manual Integrations
APPROVED

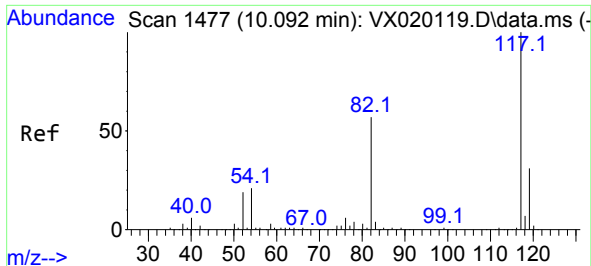
MMDadoda
12/21/2020 3:57:55 PM



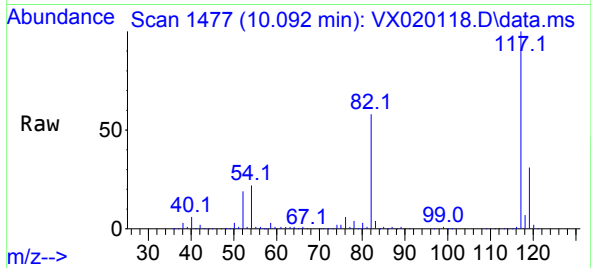
#62
4-Bromofluorobenzene
Concen: 17.17 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 95 Resp: 68207
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.0 0.0 155.8

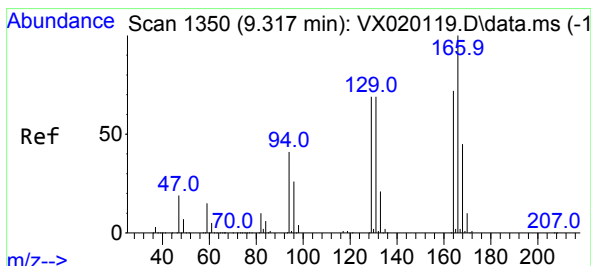
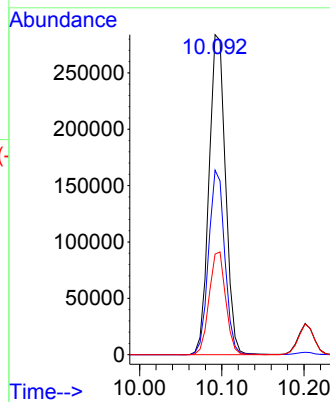
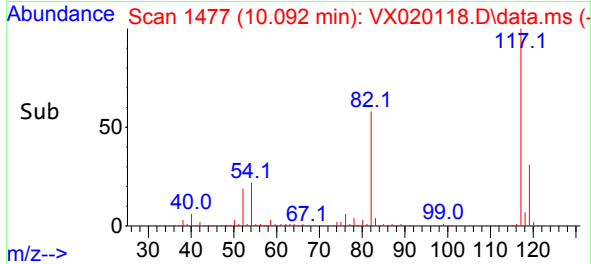




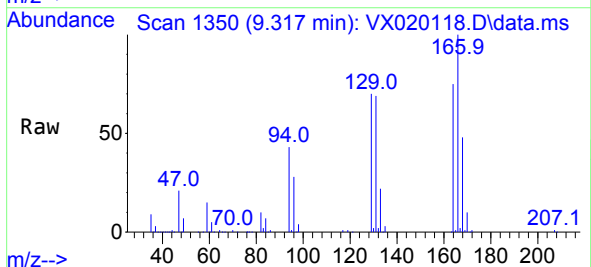
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



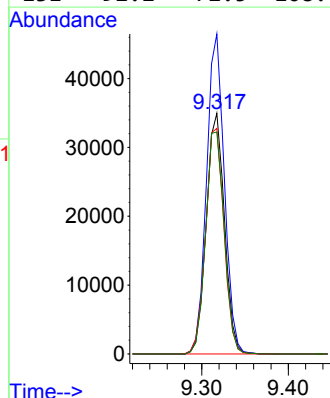
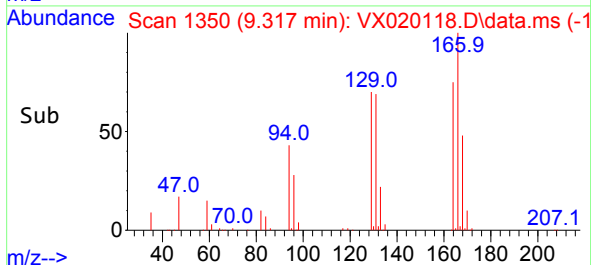
Tgt Ion:117 Resp: 395989
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 19.24 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



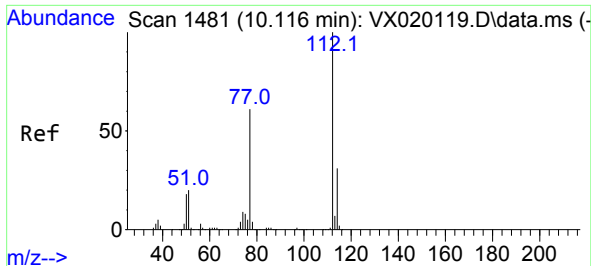
Tgt Ion:164 Resp: 51016
Ion Ratio Lower Upper
164 100
166 133.0 103.4 155.2
129 93.8 70.8 106.2
131 92.2 72.5 108.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



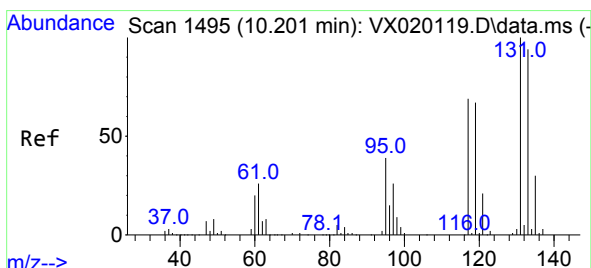
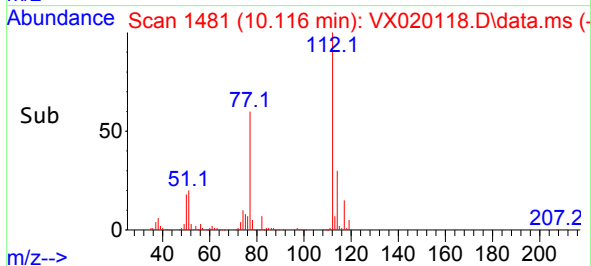
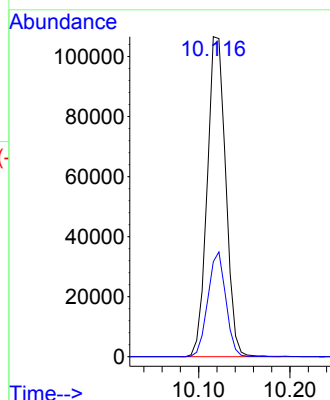
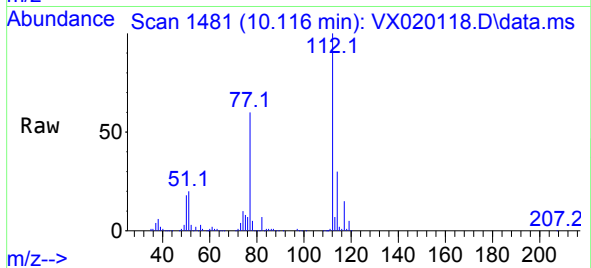
#65
Chlorobenzene
Concen: 18.86 ug/l
RT: 10.116 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 149731
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6

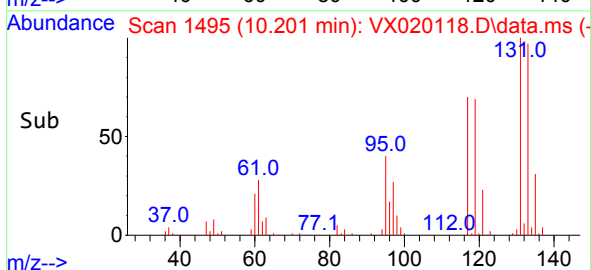
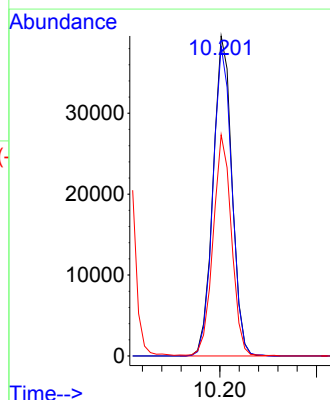
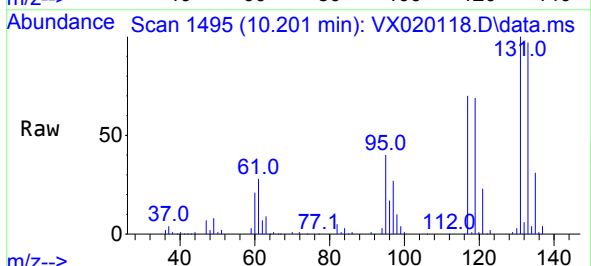
Manual Integrations
APPROVED

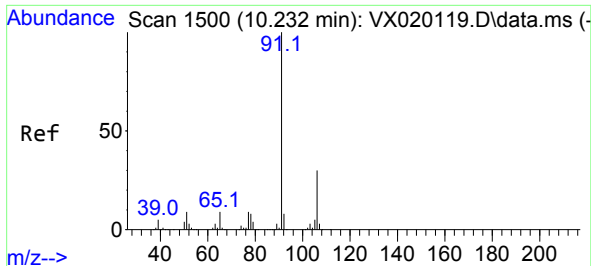
MMDadoda
12/21/2020 3:57:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.76 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:131 Resp: 53618
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 67.3 32.1 96.5





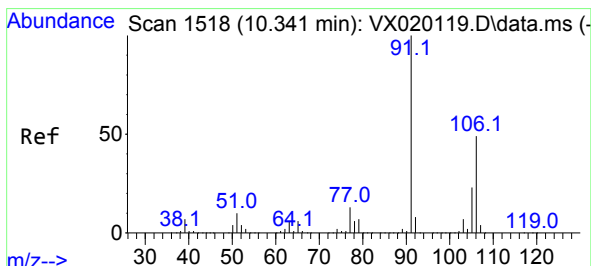
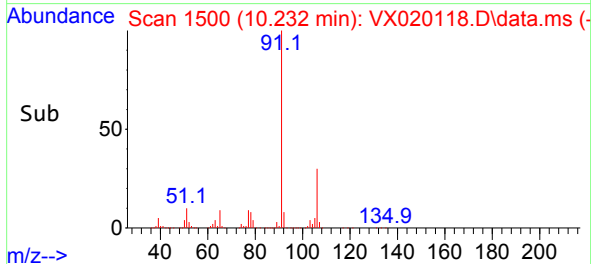
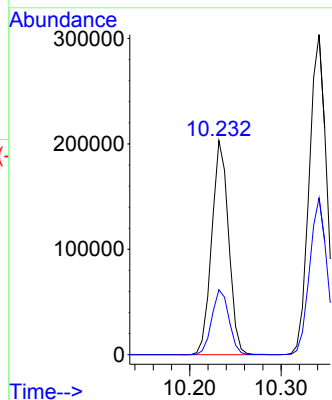
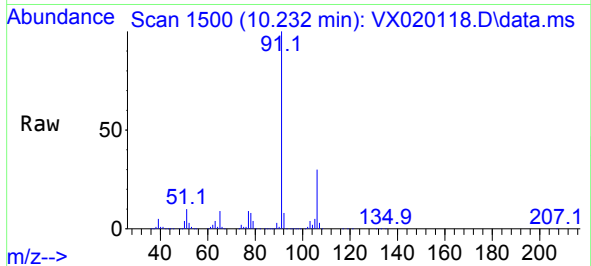
#67
Ethyl Benzene
Concen: 18.54 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 91 Resp: 259747
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

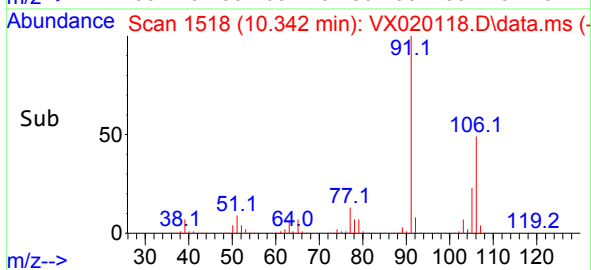
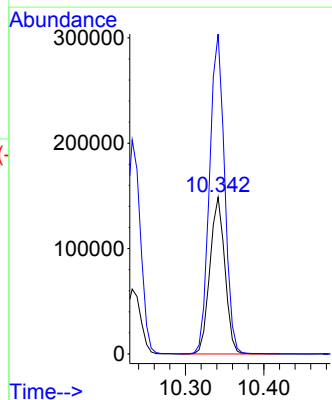
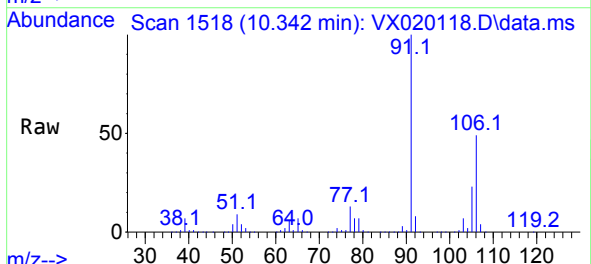
Manual Integrations
APPROVED

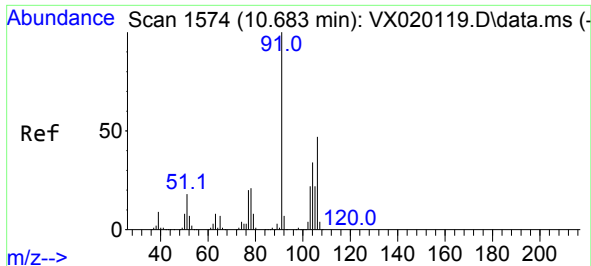
MMDadoda
12/21/2020 3:57:55 PM



#68
m/p-Xylenes
Concen: 37.33 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 106 Resp: 197210
Ion Ratio Lower Upper
106 100
91 204.7 162.8 244.2





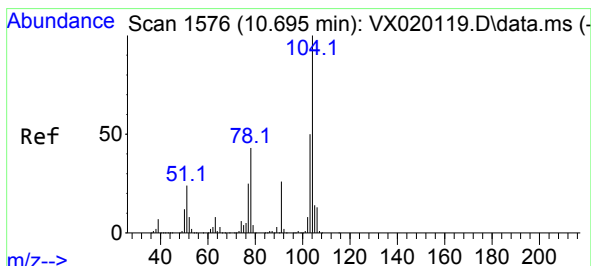
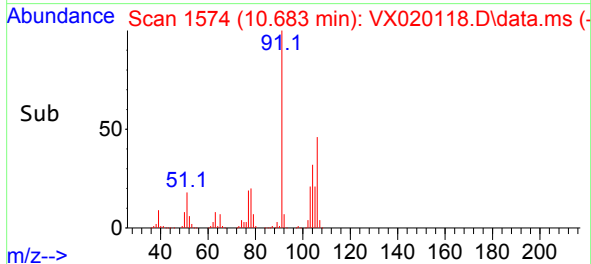
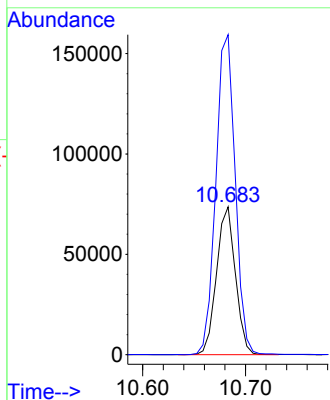
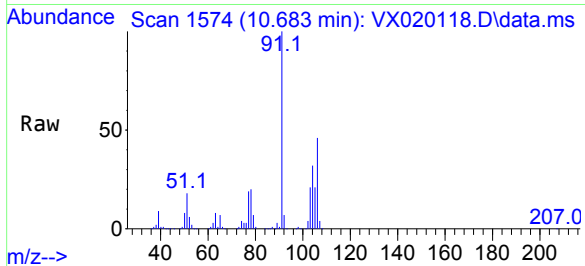
#69
o-Xylene
Concen: 18.39 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:106 Resp: 93726
Ion Ratio Lower Upper
106 100
91 222.3 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

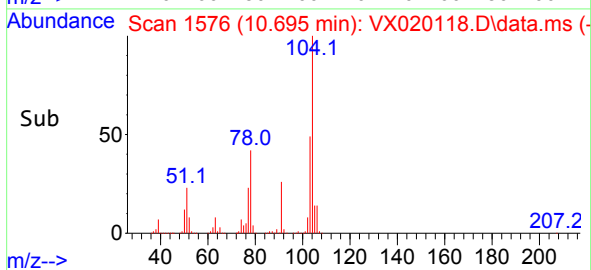
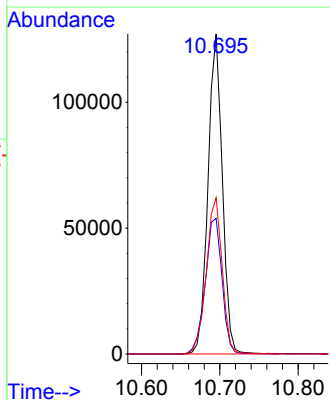
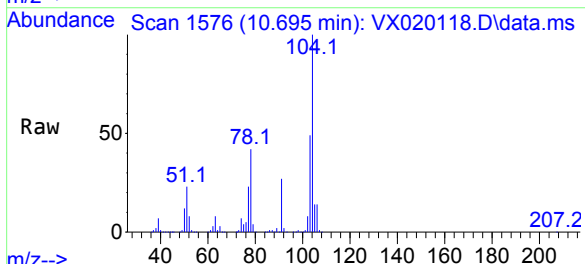
Manual Integrations
APPROVED

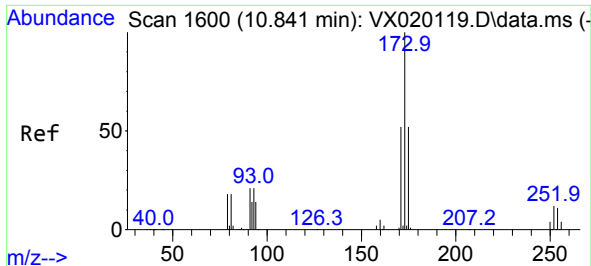
MMDadoda
12/21/2020 3:57:55 PM



#70
Styrene
Concen: 18.73 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:104 Resp: 161339
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 54.2 43.4 65.0





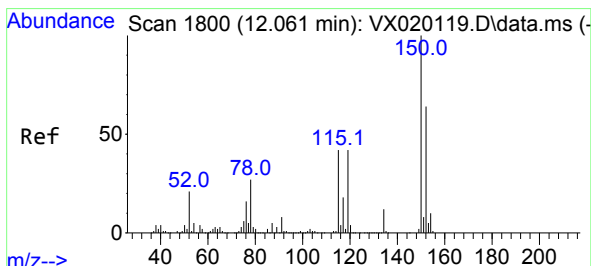
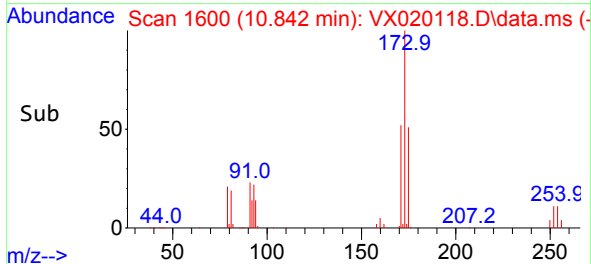
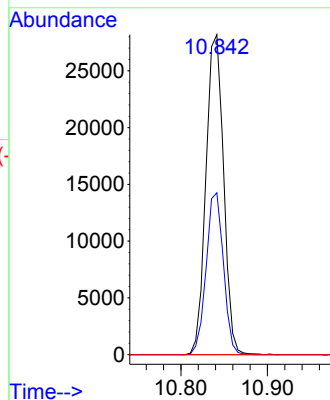
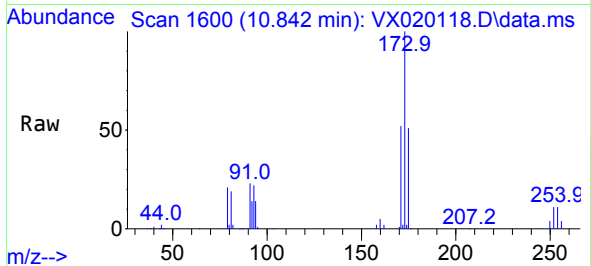
#71
Bromoform
Concen: 17.90 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:173 Resp: 39924
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.0 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

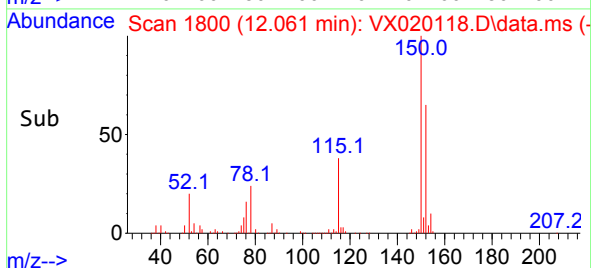
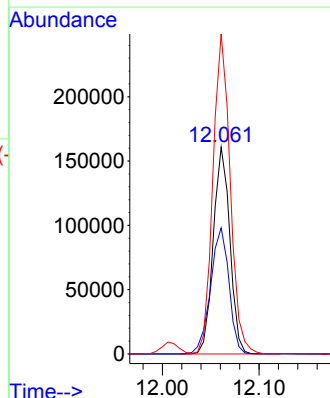
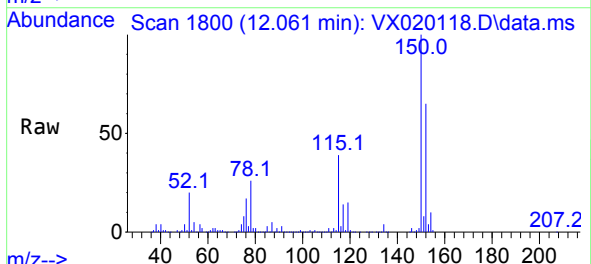
Manual Integrations
APPROVED

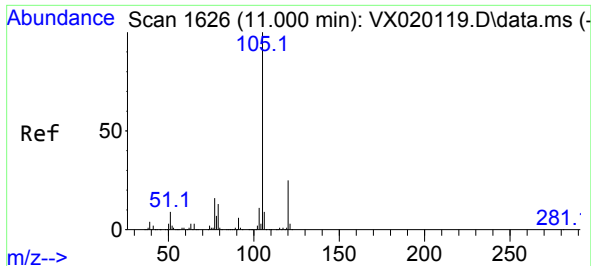
MMDadoda
12/21/2020 3:57:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:152 Resp: 191348
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 161.6 0.0 349.0





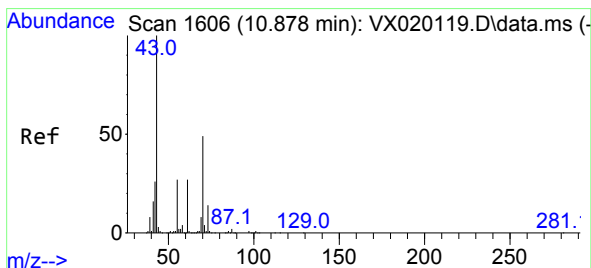
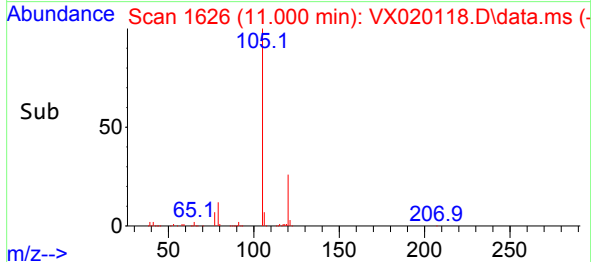
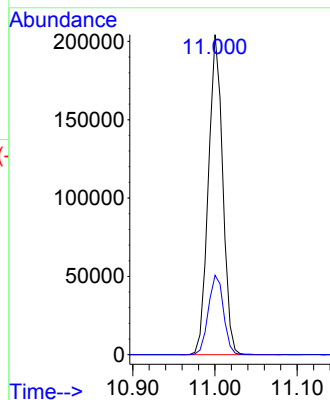
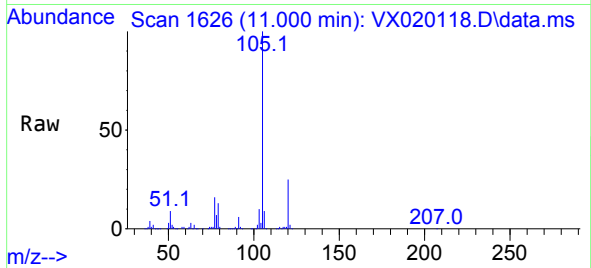
#73
Isopropylbenzene
Concen: 18.88 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 105 Resp: 247233
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

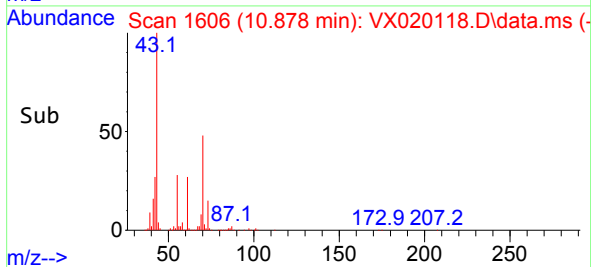
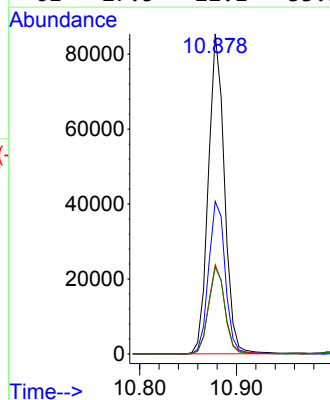
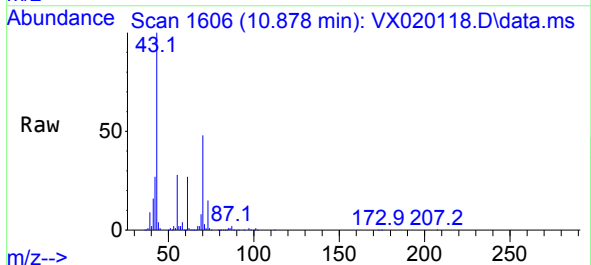
Manual Integrations
APPROVED

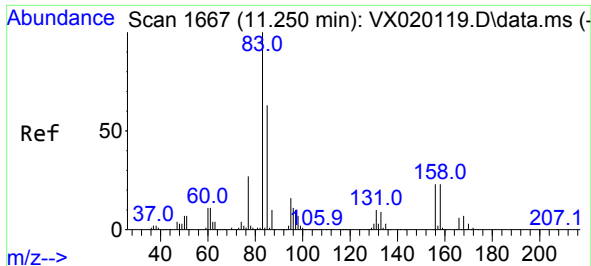
MMDadoda
12/21/2020 3:57:55 PM



#74
N-ethyl acetate
Concen: 18.50 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

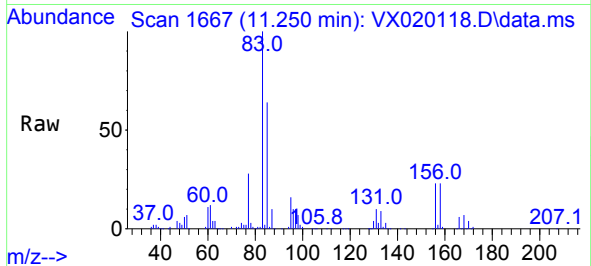
Tgt Ion: 43 Resp: 98531
Ion Ratio Lower Upper
43 100
70 49.5 39.0 58.6
55 28.5 21.5 32.3
61 27.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.59 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

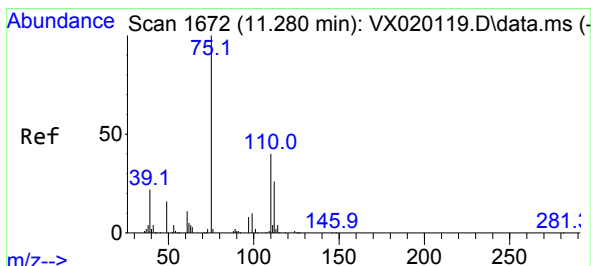
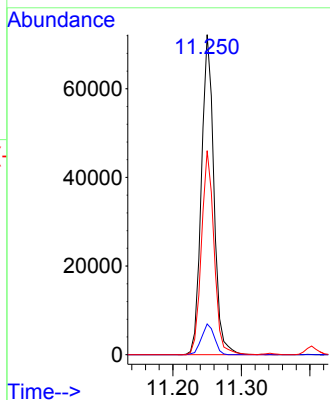
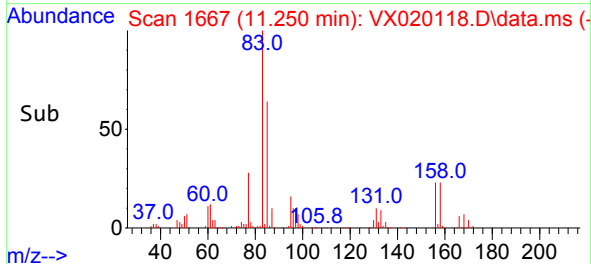
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



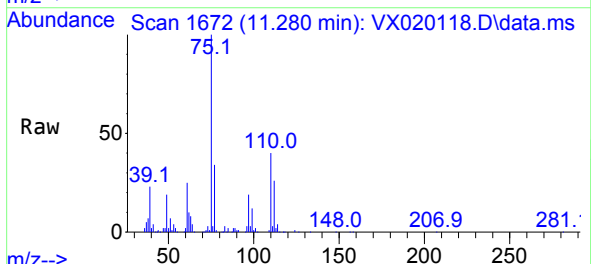
Tgt Ion: 83 Resp: 91588
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

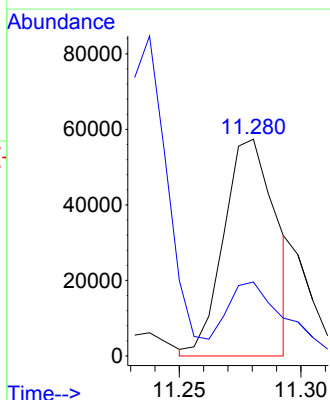
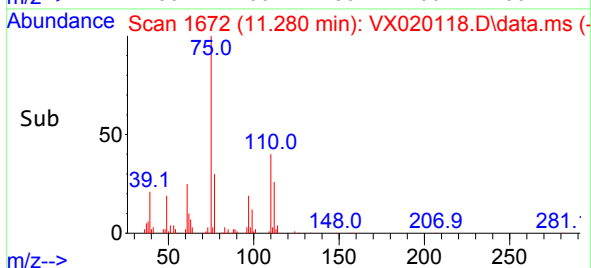
MMDadoda
12/21/2020 3:57:55 PM

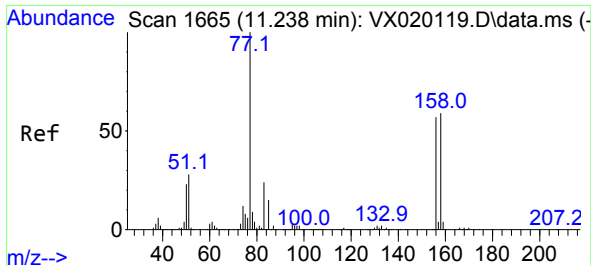


#76
1,2,3-Trichloropropane
Concen: 19.59 ug/l m
RT: 11.280 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



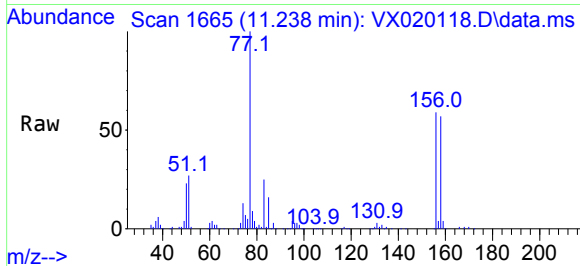
Tgt Ion: 75 Resp: 85240
Ion Ratio Lower Upper
75 100
77 38.1 19.1 57.5





#77
Bromobenzene
Concen: 18.83 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

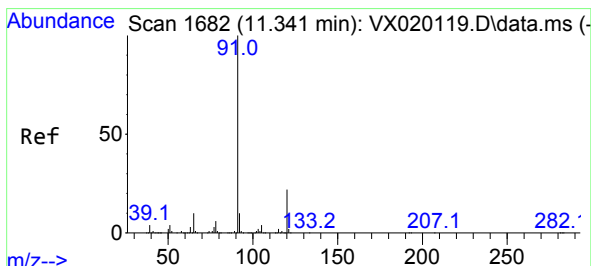
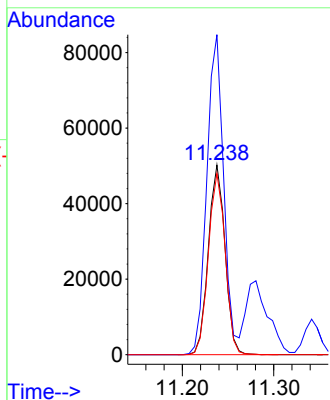
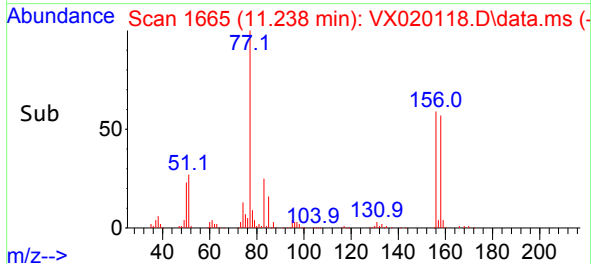
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



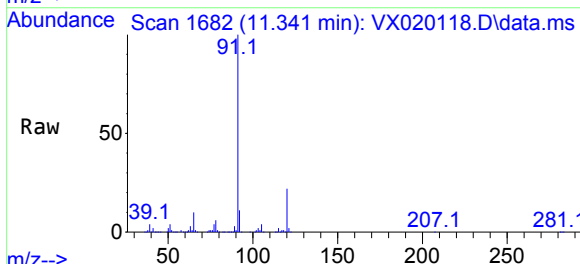
Tgt Ion:156 Resp: 63643
Ion Ratio Lower Upper
156 100
77 170.5 82.8 248.6
158 96.1 49.1 147.4

Manual Integrations
APPROVED

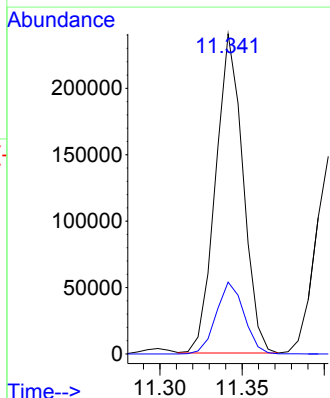
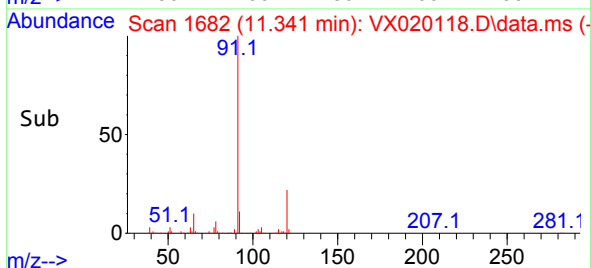
MMDadoda
12/21/2020 3:57:55 PM

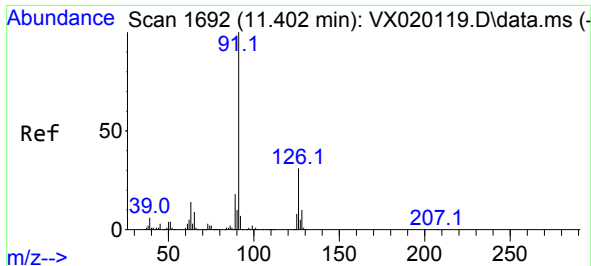


#78
n-propylbenzene
Concen: 18.67 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



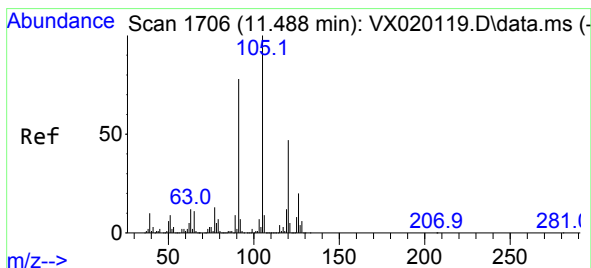
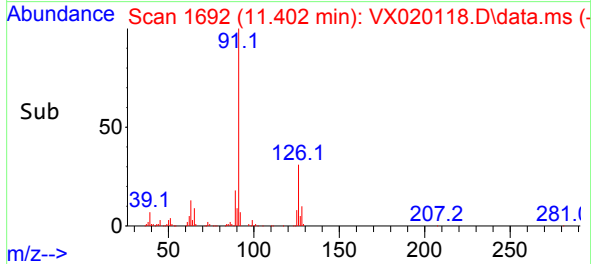
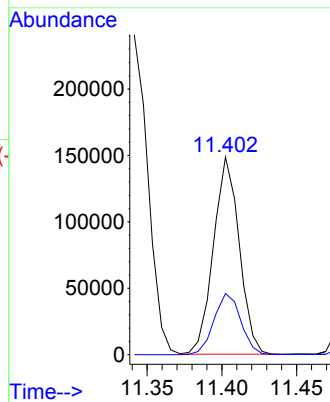
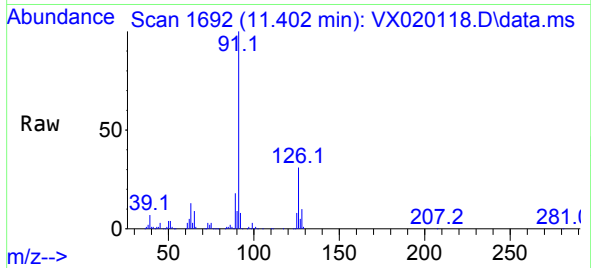
Tgt Ion: 91 Resp: 278837
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





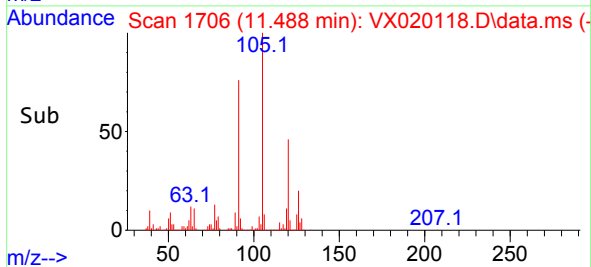
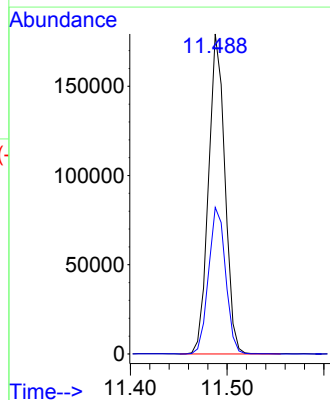
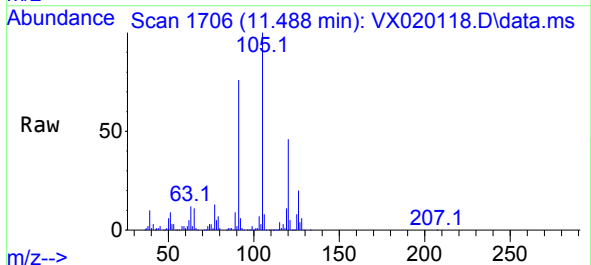
#79
2-Chlorotoluene
Concen: 19.19 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion: 91 Resp: 178150
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.14 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

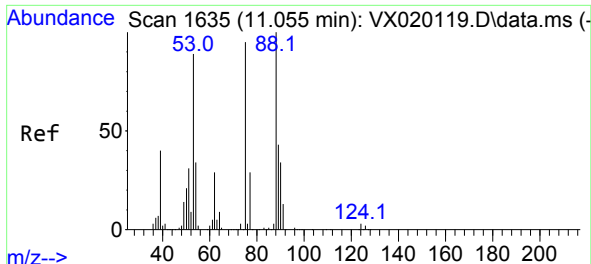
Tgt Ion: 105 Resp: 211656
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

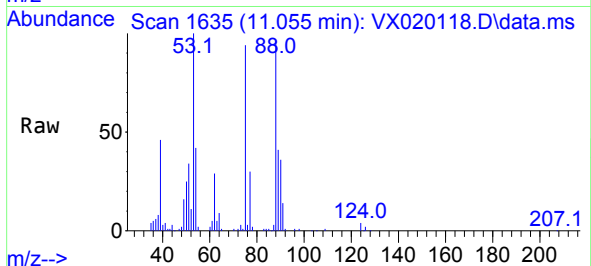
Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



#81
trans-1,4-Dichloro-2-butene
Concen: 17.68 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

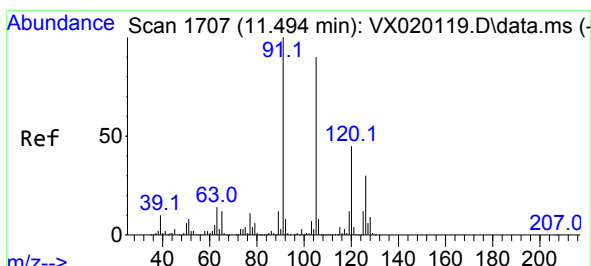
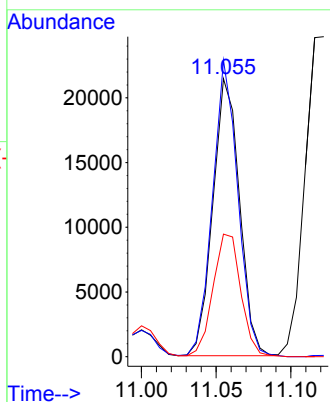
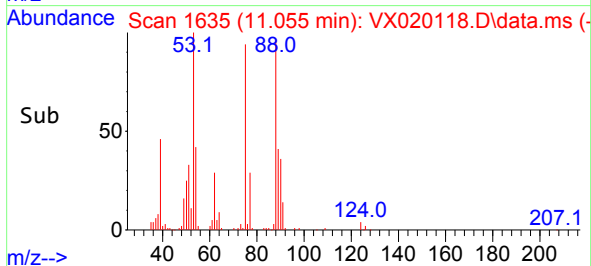
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



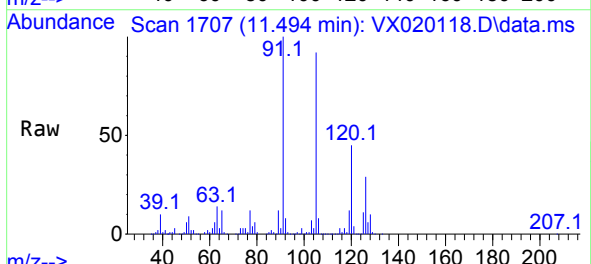
Tgt Ion: 75 Resp: 26562
Ion Ratio Lower Upper
75 100
53 101.9 74.5 111.7
89 46.4 37.9 56.9

Manual Integrations
APPROVED

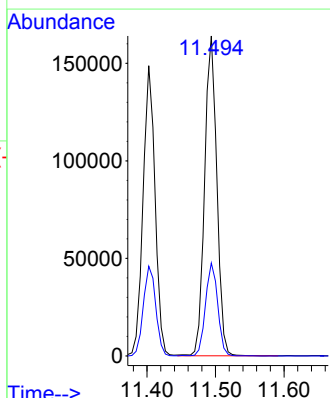
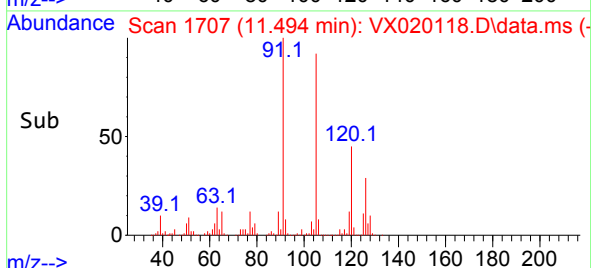
MMDadoda
12/21/2020 3:57:55 PM

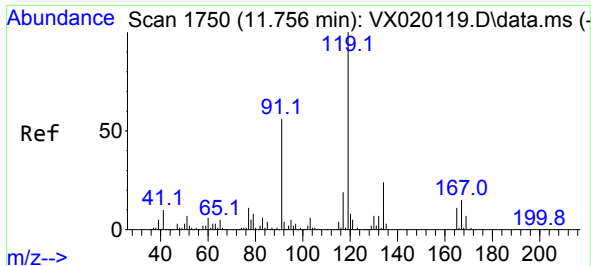


#82
4-Chlorotoluene
Concen: 18.69 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

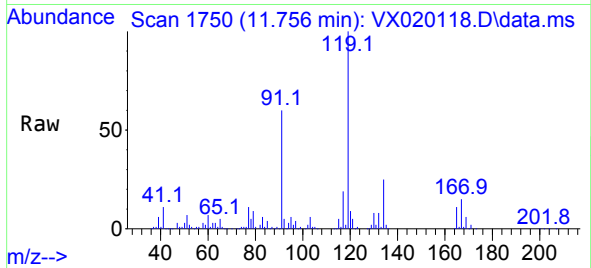


Tgt Ion: 91 Resp: 203432
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5

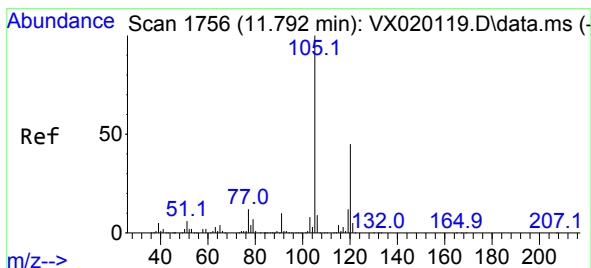
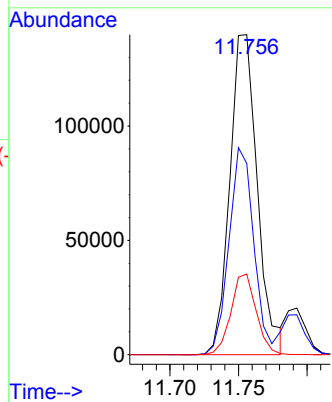
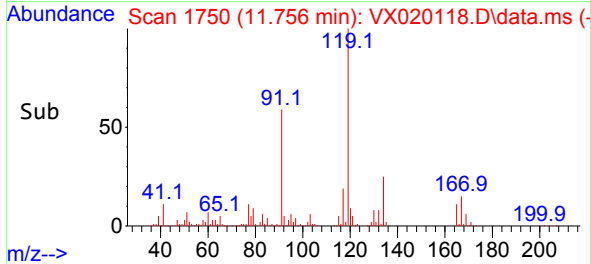




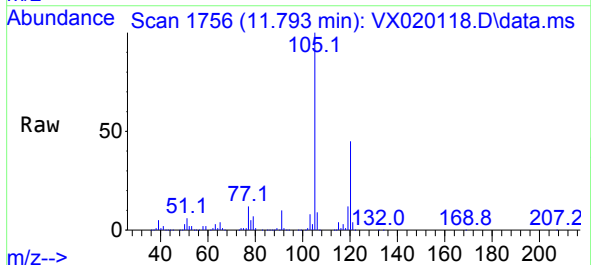
#83
tert-Butylbenzene
Concen: 18.21 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



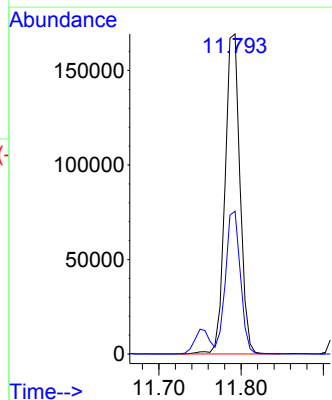
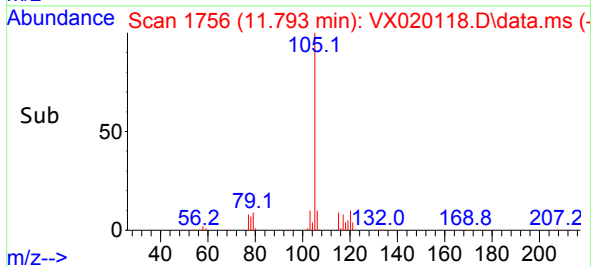
Tgt Ion:119 Resp: 196115
Ion Ratio Lower Upper
119 100
91 58.2 27.9 83.7
134 23.2 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 19.08 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



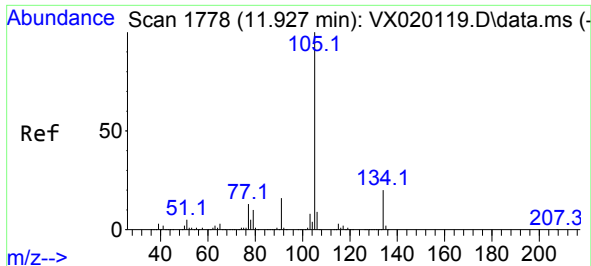
Tgt Ion:105 Resp: 213677
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

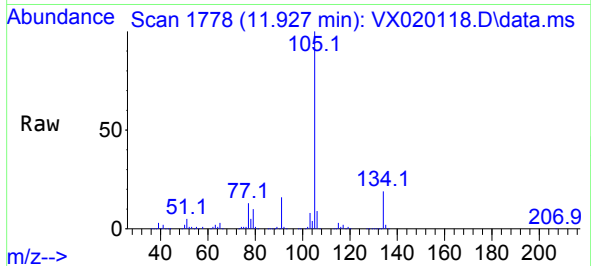
Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



#85
 sec-Butylbenzene
 Concen: 18.11 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VX020118.D
 Acq: 18 Dec 2020 11:22

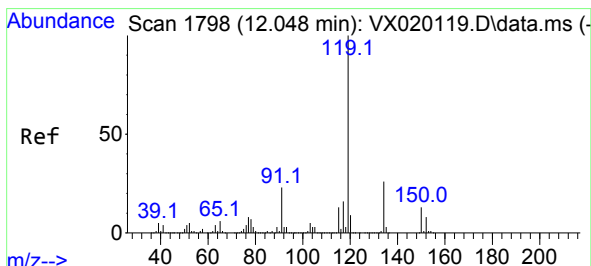
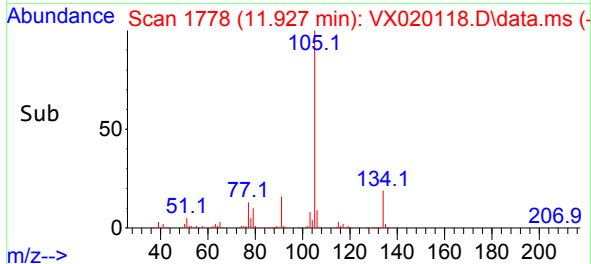
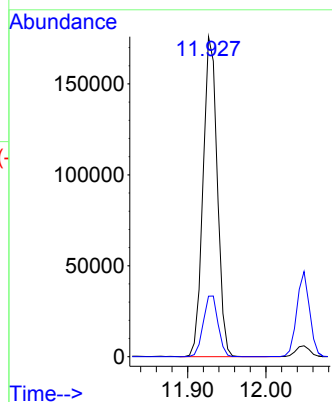
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



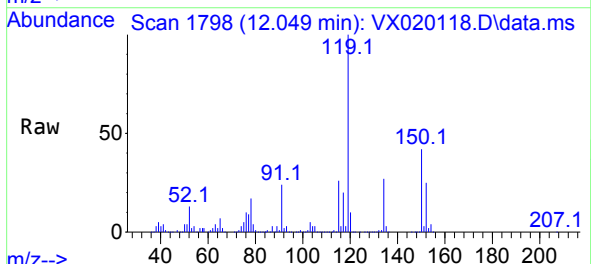
Tgt Ion:105 Resp: 221677
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

Manual Integrations
 APPROVED

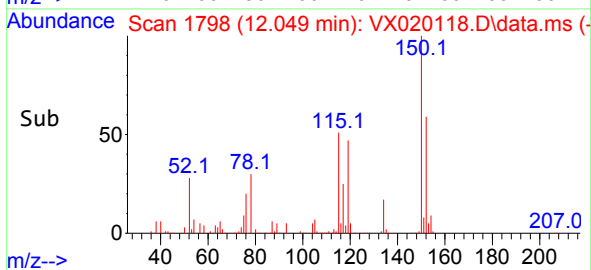
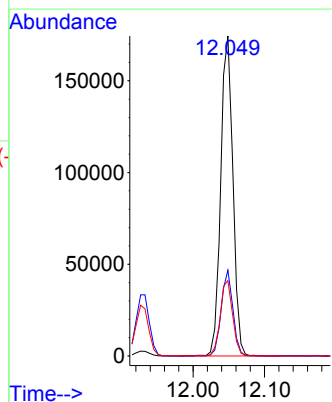
MMDadoda
 12/21/2020 3:57:55 PM

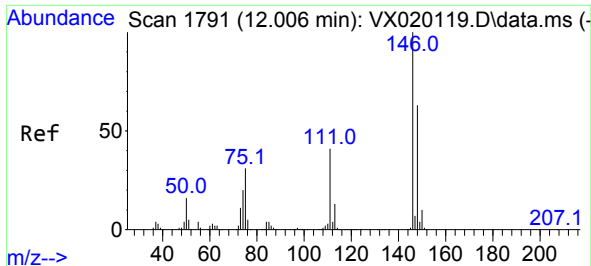


#86
 p-Isopropyltoluene
 Concen: 18.34 ug/l
 RT: 12.049 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: VX020118.D
 Acq: 18 Dec 2020 11:22



Tgt Ion:119 Resp: 206808
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 23.8 11.7 35.0





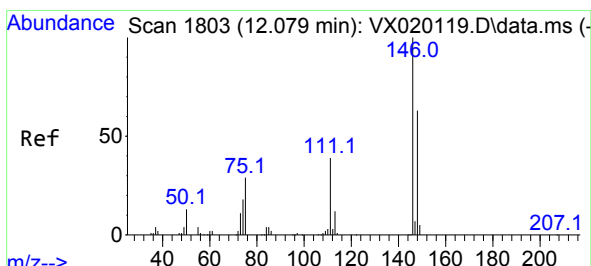
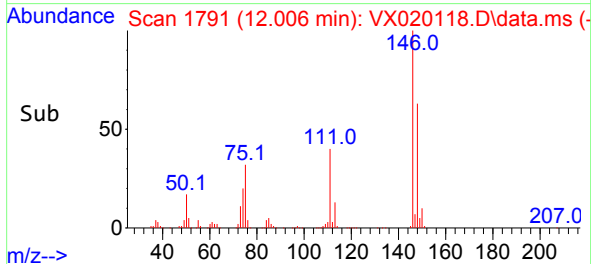
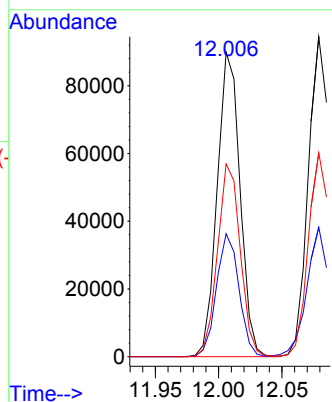
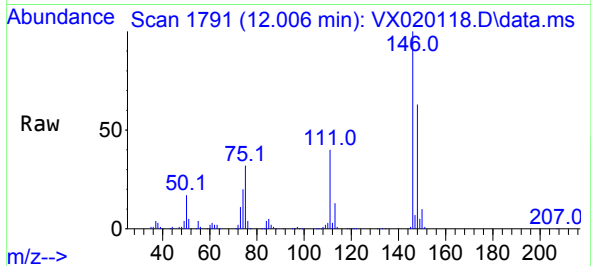
#87
1,3-Dichlorobenzene
Concen: 18.23 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:146 Resp: 112563
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 63.2 31.9 95.7

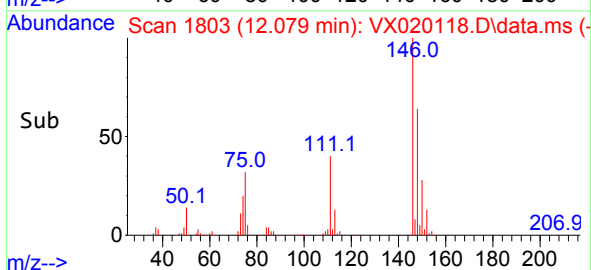
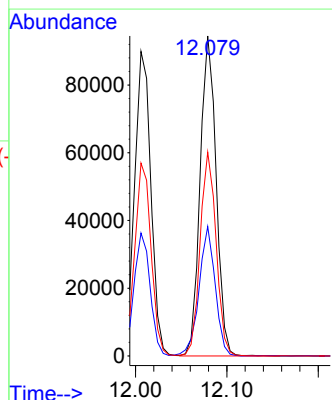
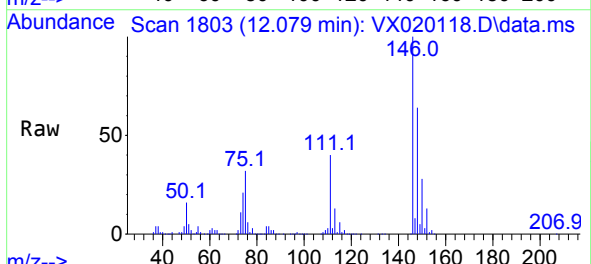
Manual Integrations
APPROVED

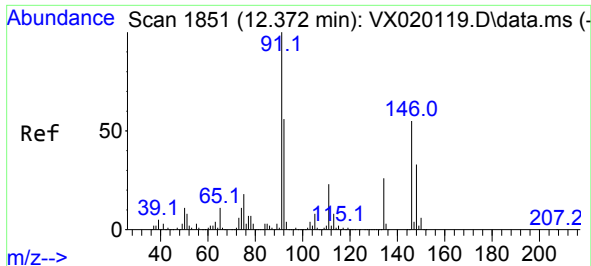
MMDadoda
12/21/2020 3:57:55 PM



#88
1,4-Dichlorobenzene
Concen: 18.25 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

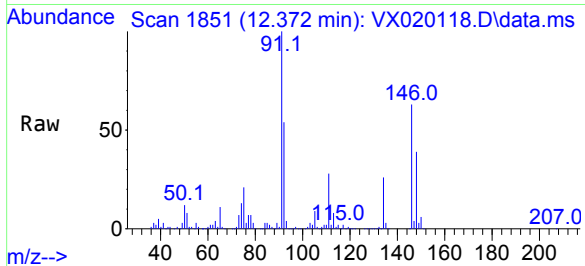
Tgt Ion:146 Resp: 114981
Ion Ratio Lower Upper
146 100
111 40.7 19.6 58.8
148 63.6 31.6 95.0





#89
n-Butylbenzene
Concen: 17.27 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

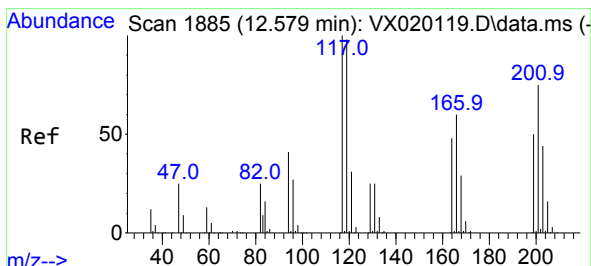
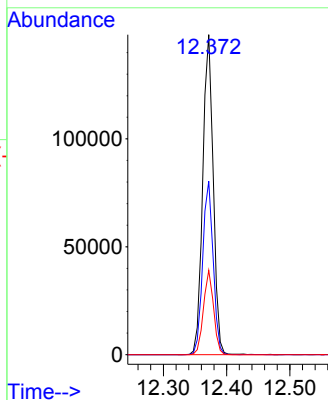
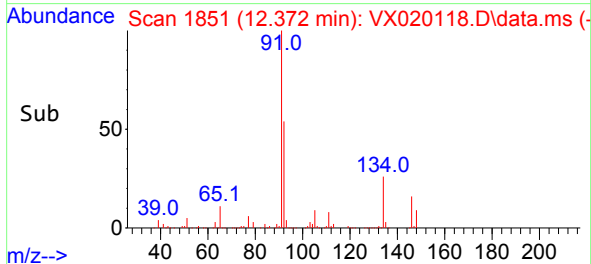
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



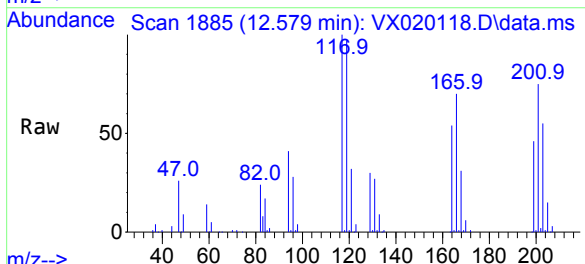
Tgt Ion: 91 Resp: 171559
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 25.4 13.2 39.5

Manual Integrations
APPROVED

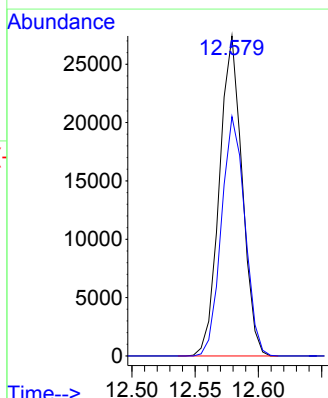
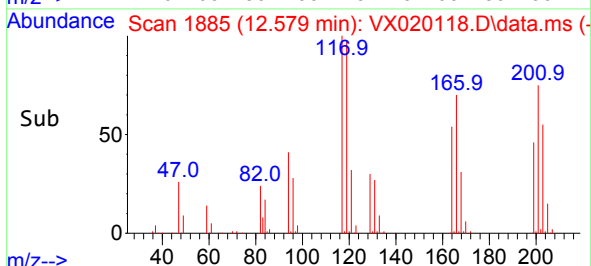
MMDadoda
12/21/2020 3:57:55 PM

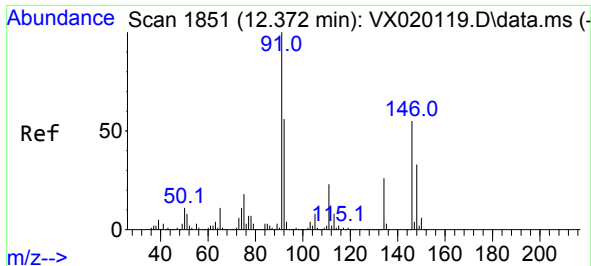


#90
Hexachloroethane
Concen: 17.57 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



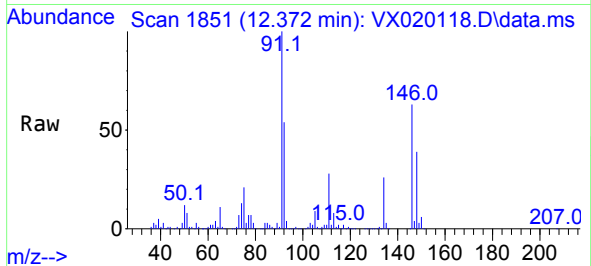
Tgt Ion: 117 Resp: 34164
Ion Ratio Lower Upper
117 100
201 77.3 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 19.00 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

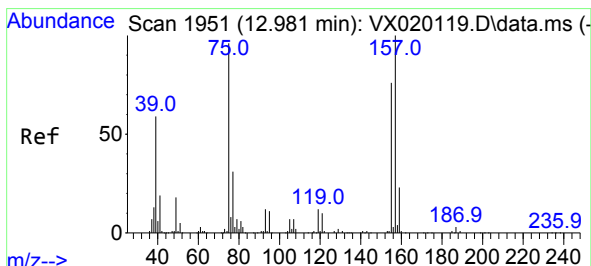
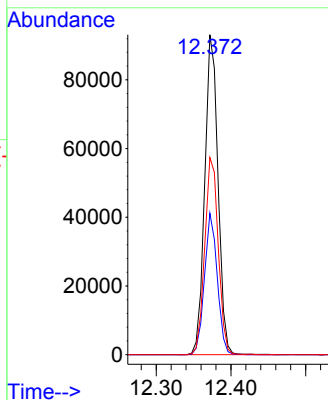
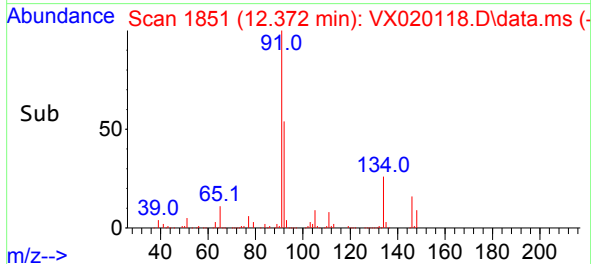
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



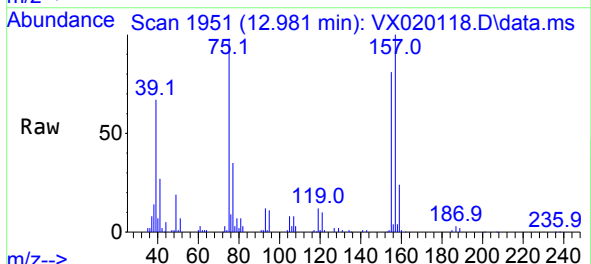
Tgt Ion:146 Resp: 114556
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 63.1 31.9 95.5

Manual Integrations
APPROVED

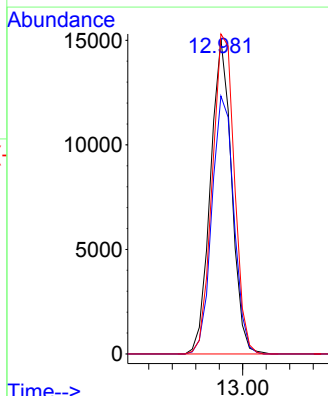
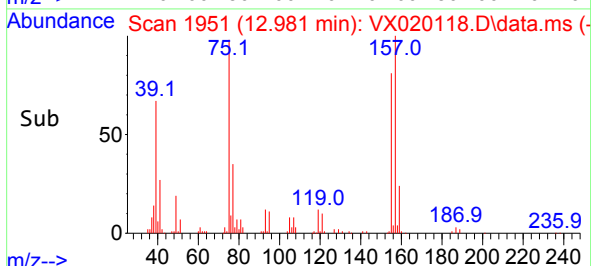
MMDadoda
12/21/2020 3:57:55 PM

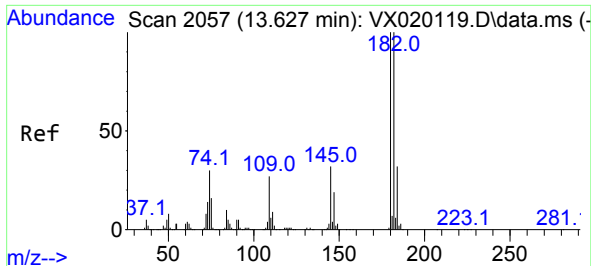


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.62 ug/l
RT: 12.981 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22



Tgt Ion: 75 Resp: 18767
Ion Ratio Lower Upper
75 100
155 85.3 45.3 135.9
157 106.3 57.7 173.1





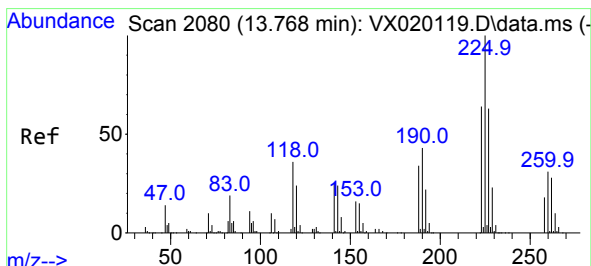
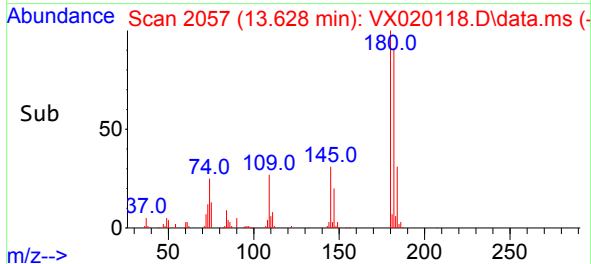
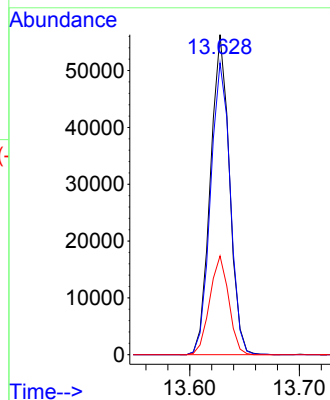
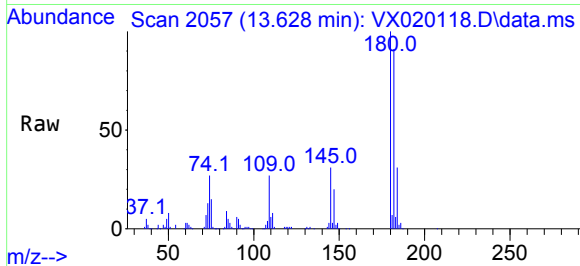
#93
1,2,4-Trichlorobenzene
Concen: 17.45 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:180 Resp: 68029
Ion Ratio Lower Upper
180 100
182 93.8 47.7 143.1
145 30.7 15.0 45.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

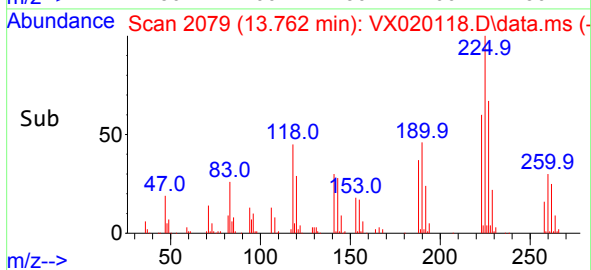
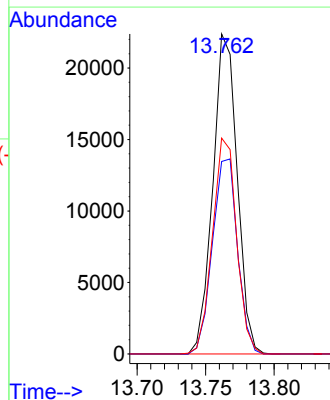
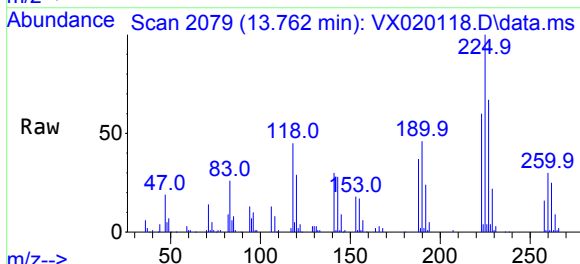
Manual Integrations
APPROVED

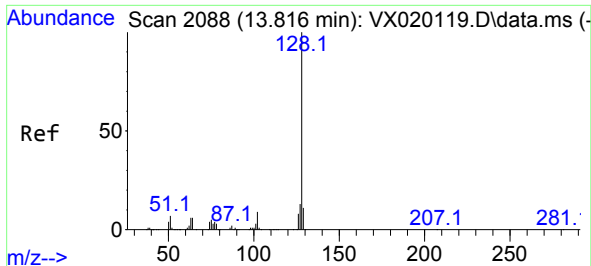
MMDadoda
12/21/2020 3:57:55 PM



#94
Hexachlorobutadiene
Concen: 16.23 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:225 Resp: 27604
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 66.8 31.6 95.0





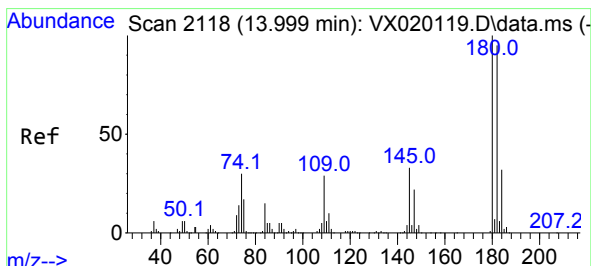
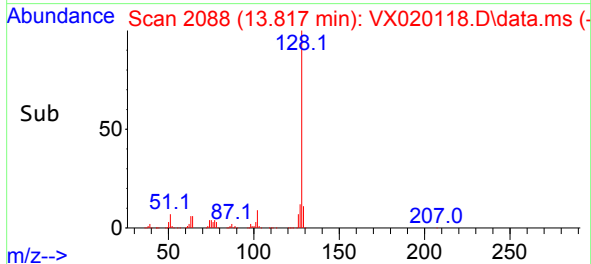
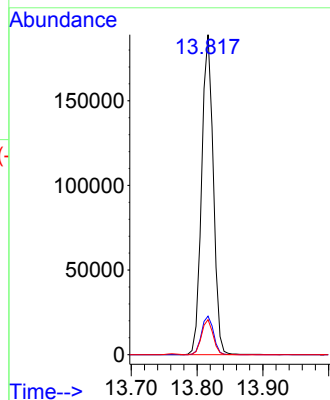
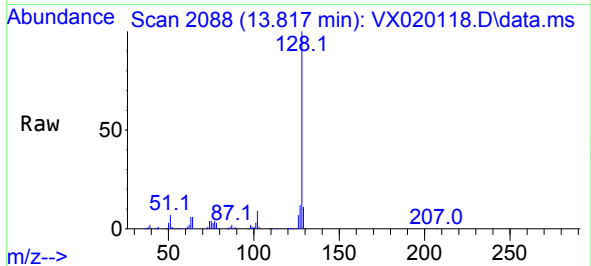
#95
Naphthalene
Concen: 18.28 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:128 Resp: 233085
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.9 8.8 13.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/21/2020 3:57:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.04 ug/l
RT: 13.999 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VX020118.D
Acq: 18 Dec 2020 11:22

Tgt Ion:180 Resp: 68899
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 32.6 16.1 48.3

