

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020468.D
 Acq On : 30 Dec 2020 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 9:16:07 AM

Quant Time: Dec 31 01:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	273942	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	450827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	424553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	220158	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	179929	49.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.00%
35) Dibromofluoromethane	5.464	113	148783	51.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.18%
50) Toluene-d8	8.696	98	550122	49.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.12%
62) 4-Bromofluorobenzene	11.122	95	218825	51.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.00%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	128715	43.26	ug/l	100
3) Chloromethane	1.313	50	148109	42.93	ug/l	100
4) Vinyl Chloride	1.392	62	162069	43.13	ug/l	99
5) Bromomethane	1.618	94	52056	43.24	ug/l	99
6) Chloroethane	1.703	64	103877	44.39	ug/l	100
7) Trichlorofluoromethane	1.910	101	219238	45.37	ug/l	100
8) Diethyl Ether	2.166	74	93943	44.66	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	123162	45.03	ug/l	99
10) Methyl Iodide	2.489	142	173572	47.28	ug/l	99
11) Tert butyl alcohol	3.020	59	217580	264.61	ug/l	99
12) 1,1-Dichloroethene	2.349	96	125455	44.83	ug/l	93
13) Acrolein	2.270	56	72752	141.59	ug/l	99
14) Allyl chloride	2.703	41	227871	45.88	ug/l	98
15) Acrylonitrile	3.117	53	474117	250.62	ug/l	100
16) Acetone	2.422	43	383835	229.23	ug/l	98
17) Carbon Disulfide	2.544	76	357255	43.22	ug/l	99
18) Methyl Acetate	2.752	43	200625	53.72	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	509386	48.63	ug/l	100
20) Methylene Chloride	2.831	84	162574	43.07	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	149107	43.91	ug/l	99
22) Diisopropyl ether	3.825	45	482122	47.56	ug/l	95
23) Vinyl Acetate	3.782	43	2106255	243.79	ug/l	99
24) 1,1-Dichloroethane	3.666	63	280363	46.96	ug/l	99
25) 2-Butanone	4.635	43	619616	254.25	ug/l	100
26) 2,2-Dichloropropane	4.550	77	217275	44.10	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	176162	45.97	ug/l	99
28) Bromochloromethane	4.977	49	125774	47.31	ug/l	98
29) Tetrahydrofuran	5.087	42	394683	257.43	ug/l	99
30) Chloroform	5.178	83	286708	47.17	ug/l	98
31) Cyclohexane	5.544	56	229986	45.42	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	246150	48.56	ug/l	100
36) 1,1-Dichloropropene	5.769	75	203278	45.62	ug/l	99
37) Ethyl Acetate	4.794	43	234837	50.72	ug/l	99
38) Carbon Tetrachloride	5.751	117	208230	49.14	ug/l	97
39) Methylcyclohexane	7.440	83	236652	46.02	ug/l	98
40) Benzene	6.111	78	639114	46.08	ug/l	99
41) Methacrylonitrile	5.001	41	127188	51.55	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020468.D
 Acq On : 30 Dec 2020 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/31/2020 9:16:07 AM

Quant Time: Dec 31 01:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	223227	46.92	ug/l	100
43) Isopropyl Acetate	6.409	43	374968	51.30	ug/l	99
44) Trichloroethene	7.184	130	163168	45.51	ug/l	96
45) 1,2-Dichloropropane	7.489	63	167059	47.66	ug/l	98
46) Dibromomethane	7.635	93	112305	46.84	ug/l	99
47) Bromodichloromethane	7.873	83	229914	50.30	ug/l	100
48) Methyl methacrylate	7.745	41	187128	52.24	ug/l	97
49) 1,4-Dioxane	7.714	88	93146	1110.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.622	43	1210847	267.56	ug/l	100
52) Toluene	8.763	92	402051	47.50	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	247569	49.24	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	271948	49.26	ug/l	97
55) 1,1,2-Trichloroethane	9.196	97	167646	48.03	ug/l	99
56) Ethyl methacrylate	9.159	69	268291	52.52	ug/l	99
57) 1,3-Dichloropropane	9.354	76	284581	47.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	636080	235.38	ug/l	99
59) 2-Hexanone	9.470	43	941252	272.94	ug/l	99
60) Dibromochloromethane	9.561	129	178136	51.43	ug/l	99
61) 1,2-Dibromoethane	9.653	107	179196	49.16	ug/l	98
64) Tetrachloroethene	9.317	164	150221	46.96	ug/l	95
65) Chlorobenzene	10.122	112	421023	46.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	161568	49.43	ug/l	99
67) Ethyl Benzene	10.232	91	771711	48.47	ug/l	100
68) m/p-Xylenes	10.342	106	580330	97.63	ug/l	100
69) o-Xylene	10.683	106	279440	48.85	ug/l	99
70) Styrene	10.695	104	487196	50.38	ug/l	100
71) Bromoform	10.842	173	138235	54.61	ug/l #	100
73) Isopropylbenzene	11.000	105	753422	47.42	ug/l	100
74) N-ethyl acetate	10.878	43	329788	51.49	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	276082	47.85	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	261703m	48.26	ug/l	
77) Bromobenzene	11.238	156	189489	45.12	ug/l	99
78) n-propylbenzene	11.341	91	862114	47.08	ug/l	99
79) 2-Chlorotoluene	11.402	91	525174	45.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	634180	47.09	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	92166	50.42	ug/l	97
82) 4-Chlorotoluene	11.494	91	620593	46.53	ug/l	98
83) tert-Butylbenzene	11.756	119	627519	48.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	653554	47.81	ug/l	99
85) sec-Butylbenzene	11.933	105	722234	48.42	ug/l	100
86) p-Isopropyltoluene	12.049	119	663141	48.21	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	342788	45.65	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	341737	43.62	ug/l	98
89) n-Butylbenzene	12.372	91	585173	48.56	ug/l	99
90) Hexachloroethane	12.579	117	117942	49.70	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	338709	45.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	63165	52.16	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	224326	46.69	ug/l	98
94) Hexachlorobutadiene	13.762	225	101456	50.28	ug/l	97
95) Naphthalene	13.817	128	770599	50.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	226118	47.57	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM

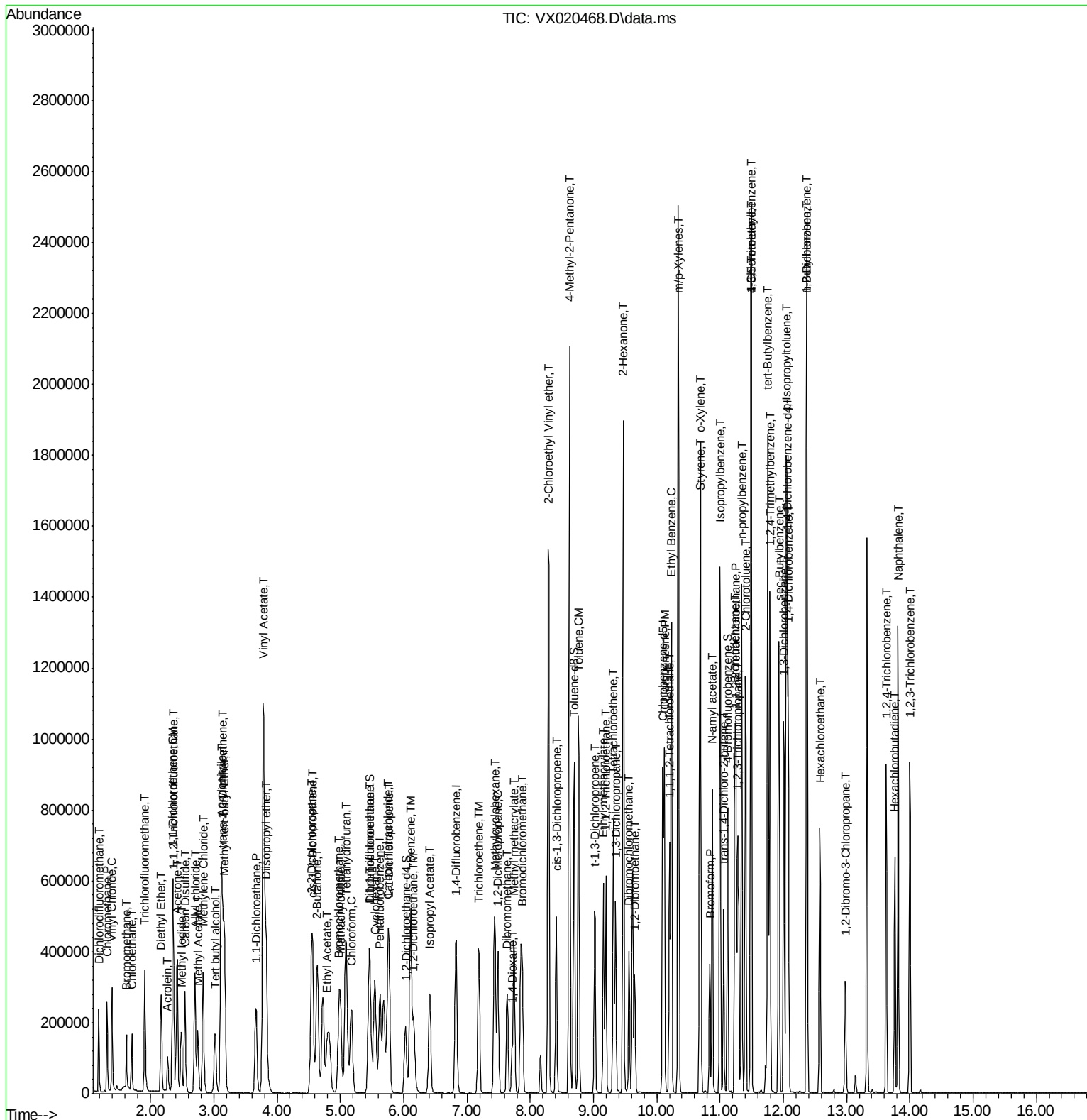
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\ VX123020\
Data File : VX020468.D
Acq On : 30 Dec 2020 20:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

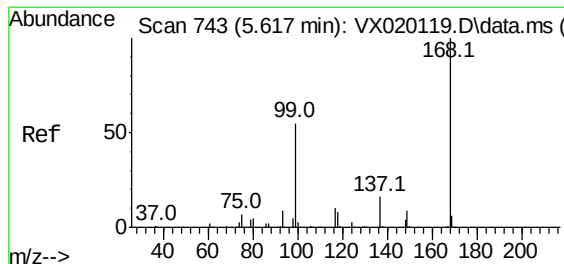
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

MMDadoda
12/31/2020 9:16:07 AM

Quant Time: Dec 31 01:12:03 2020
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration





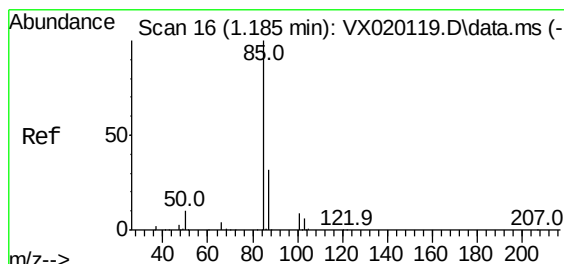
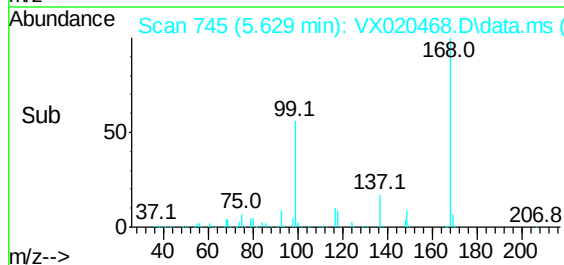
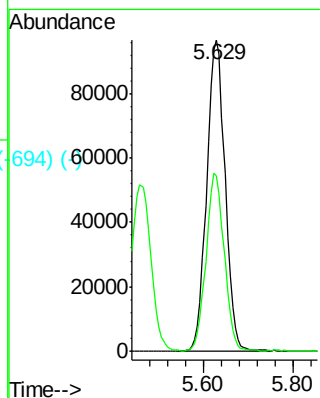
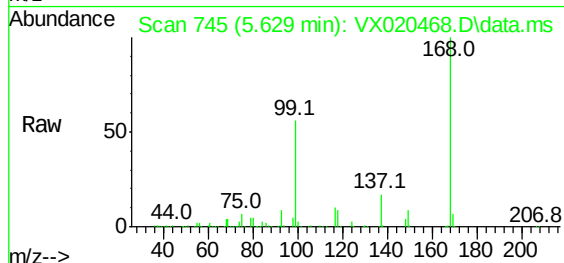
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:168 Resp: 273942
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

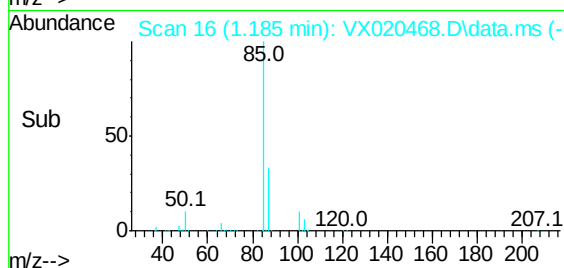
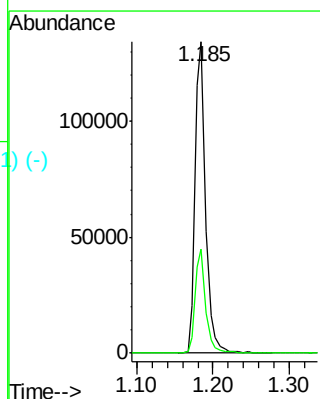
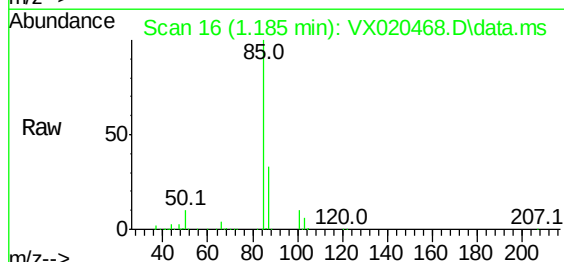
Manual Integrations
APPROVED

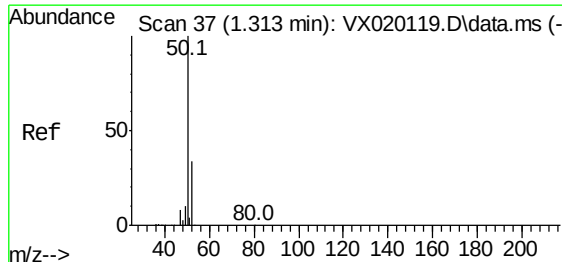
MMDadoda
12/31/2020 9:16:07 AM



Dichlorodifluoromethane
Concen: 43.26 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

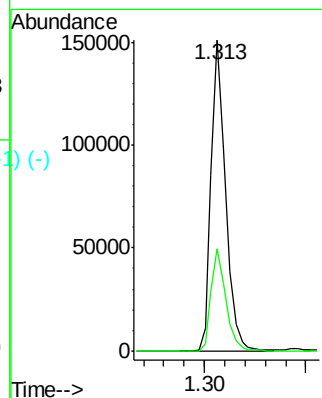
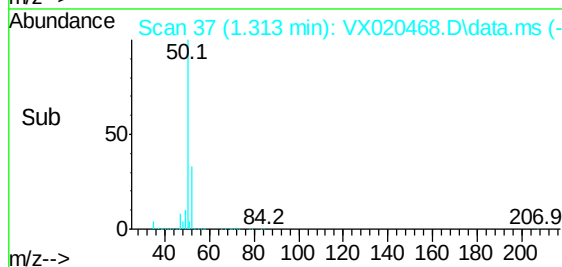
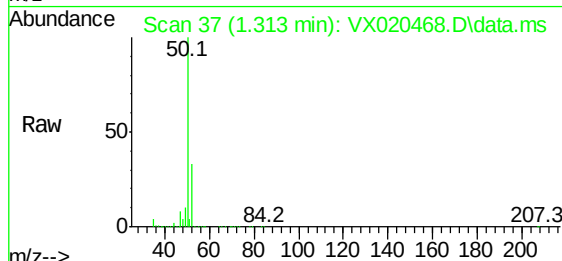
Tgt Ion: 85 Resp: 128715
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2





Chloromethane
 Concen: 42.93 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

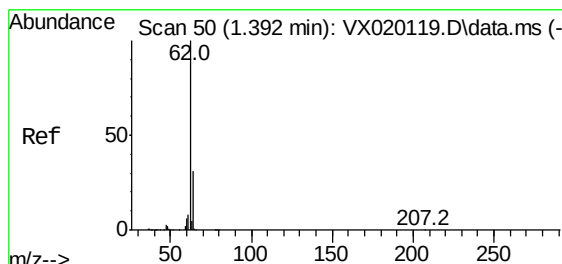
Tgt Ion: 50 Resp: 148109
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.4 39.6



Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

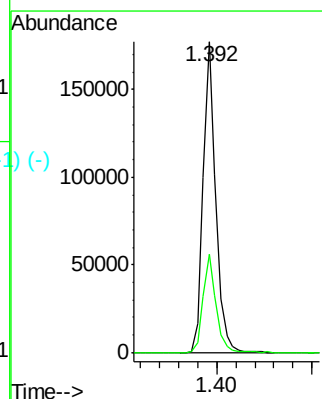
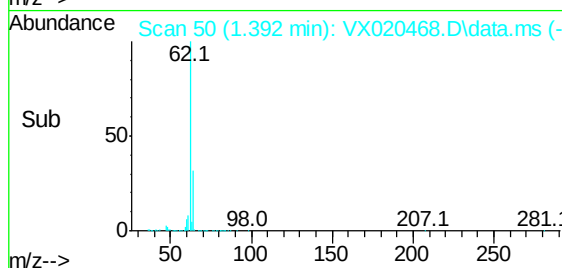
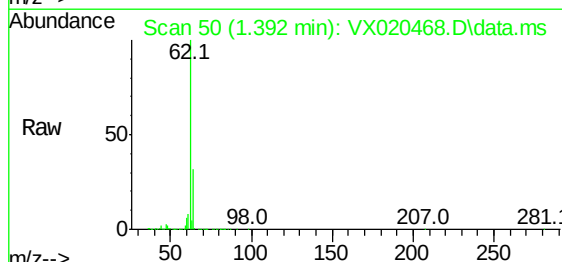
Manual Integrations
 APPROVED

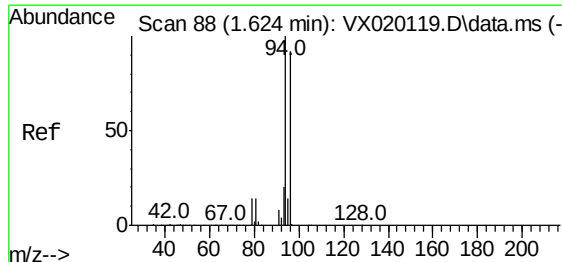
MMDadoda
 12/31/2020 9:16:07 AM



Vinyl Chloride
 Concen: 43.13 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 62 Resp: 162069
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5





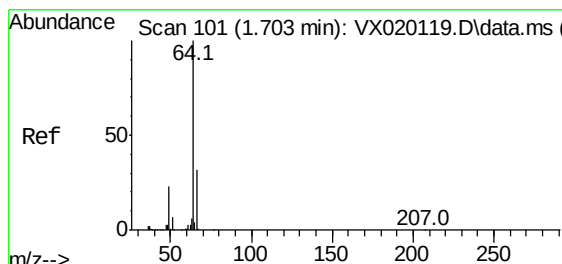
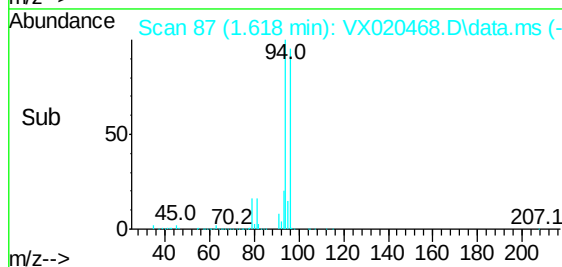
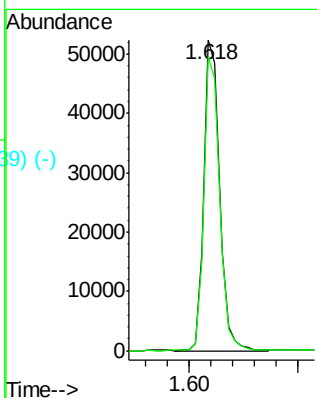
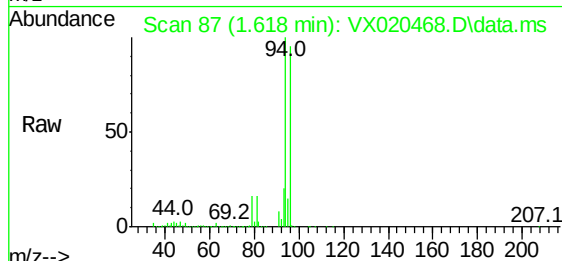
Bromomethane
Concen: 43.24 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 94 Resp: 52056
Ion Ratio Lower Upper
94 100
96 94.6 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

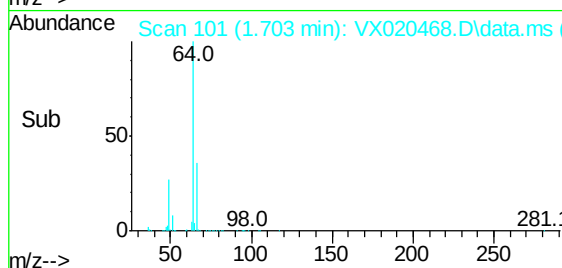
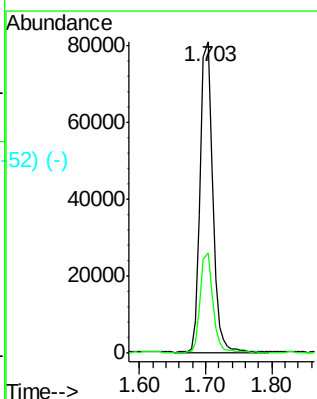
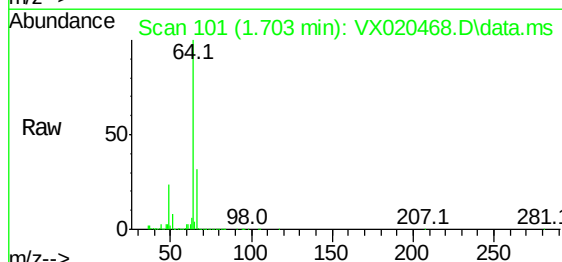
Manual Integrations
APPROVED

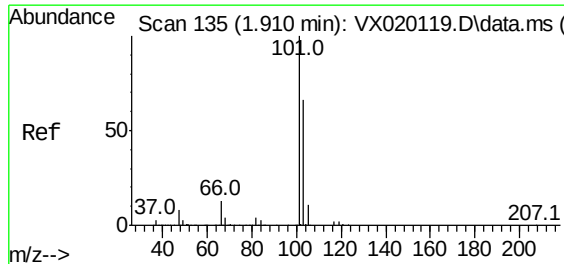
MMDadoda
12/31/2020 9:16:07 AM



Chloroethane
Concen: 44.39 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

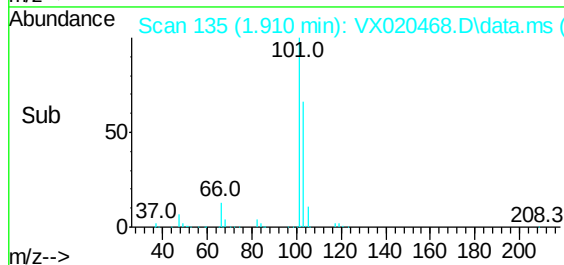
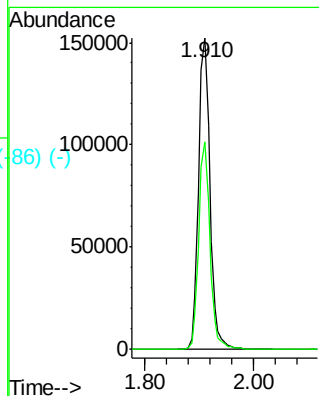
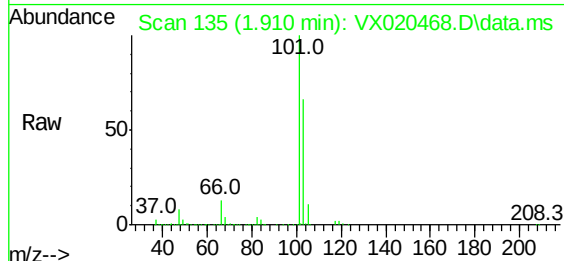
Tgt Ion: 64 Resp: 103877
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.0





Trichlorofluoromethane
Concen: 45.37 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

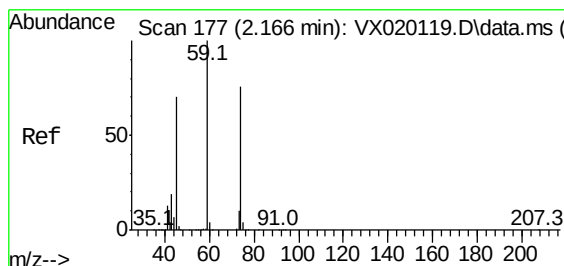
Tgt Ion: 101 Resp: 219238
Ion Ratio Lower Upper
101 100
103 66.5 53.2 79.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

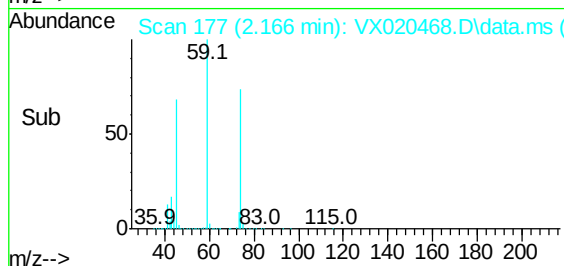
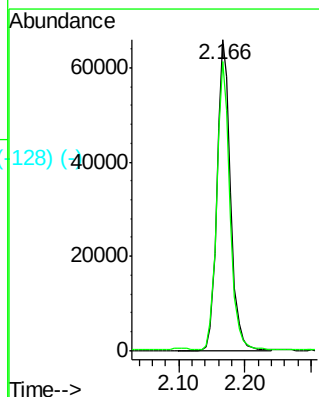
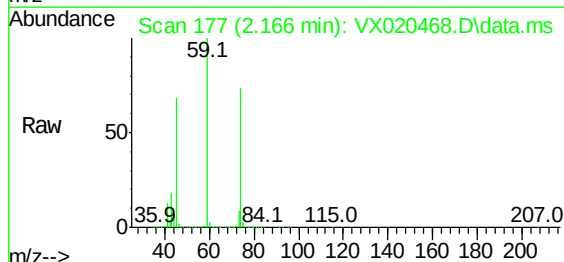
Manual Integrations
APPROVED

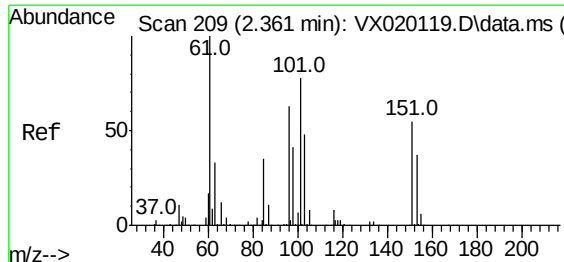
MMDadoda
12/31/2020 9:16:07 AM



Diethyl Ether
Concen: 44.66 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 74 Resp: 93943
Ion Ratio Lower Upper
74 100
45 90.8 44.5 133.5





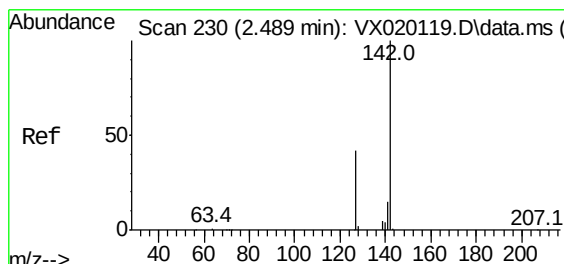
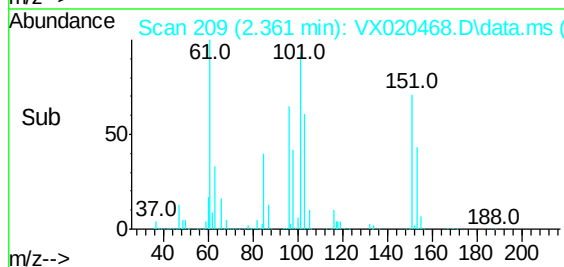
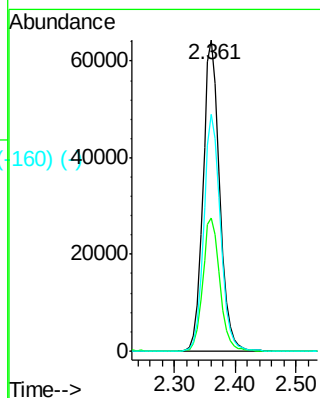
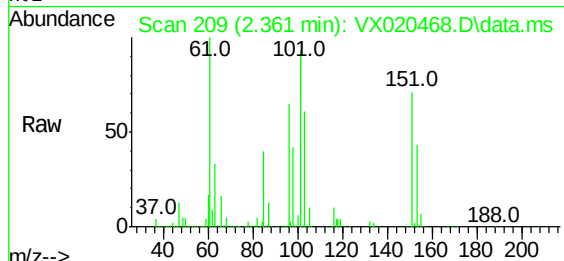
1,1,2-Trichlorotrifluoroethane
Concen: 45.03 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:101 Resp: 123162
Ion Ratio Lower Upper
101 100
85 43.7 34.9 52.3
151 75.8 61.4 92.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

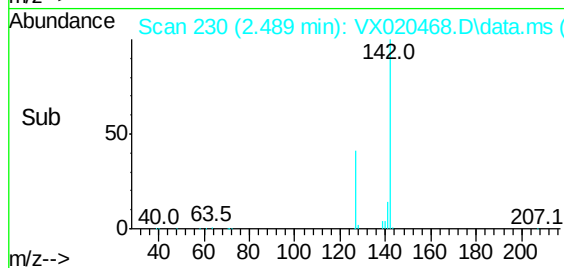
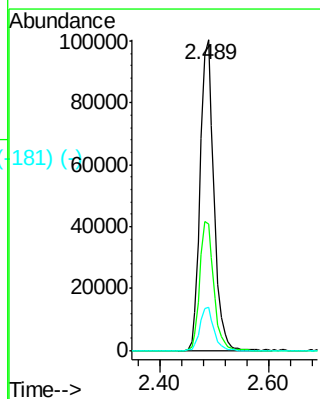
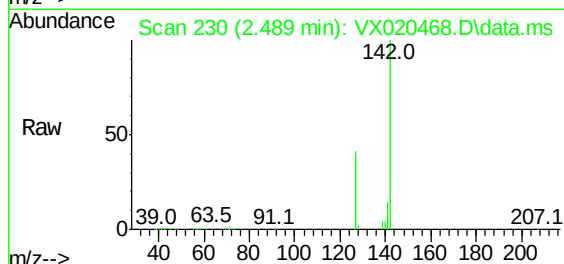
Manual Integrations
APPROVED

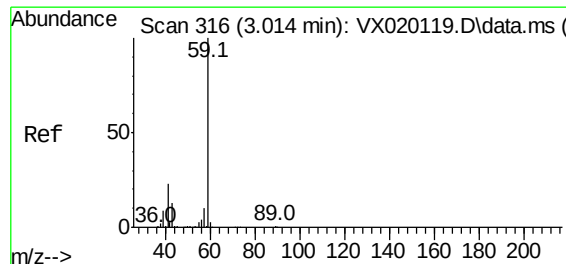
MMDadoda
12/31/2020 9:16:07 AM



Methyl Iodide
Concen: 47.28 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:142 Resp: 173572
Ion Ratio Lower Upper
142 100
127 42.4 33.3 49.9
141 14.1 11.4 17.0





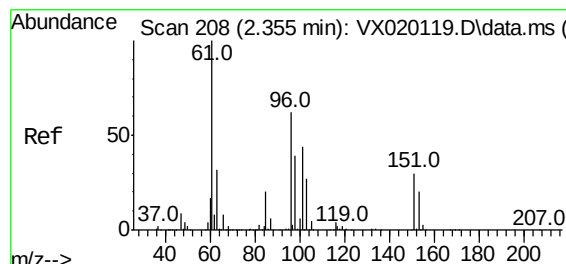
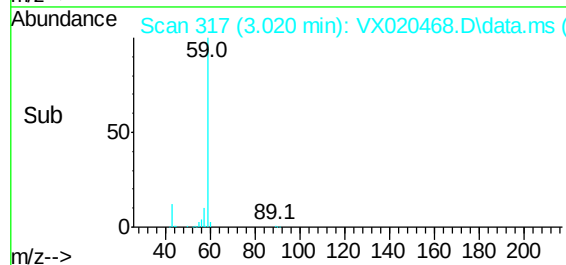
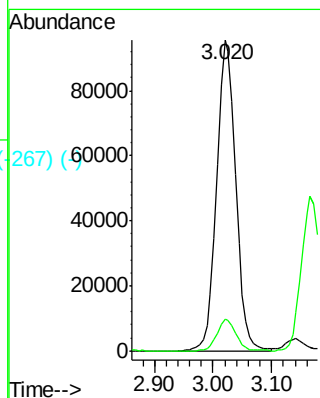
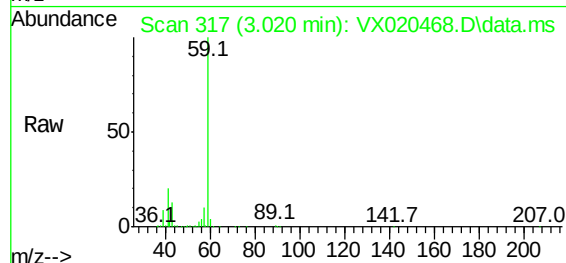
Tert butyl alcohol
 Concen: 264.61 ug/l
 RT: 3.020 min Scan# 317
 Delta R.T. 0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 59 Resp: 217580
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

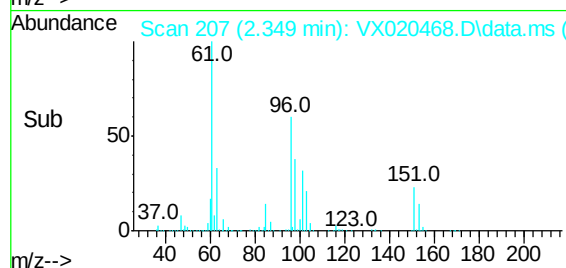
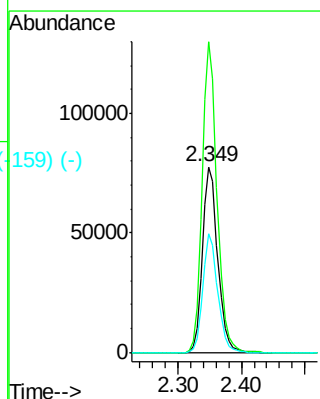
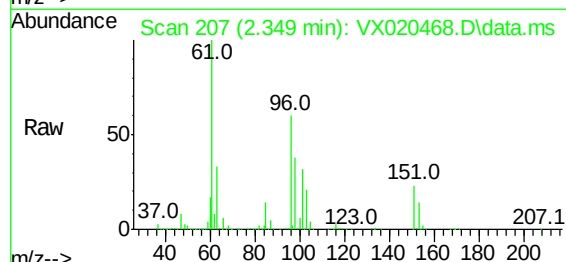
Manual Integrations
 APPROVED

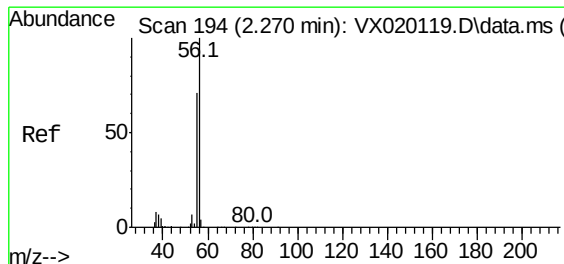
MMDadoda
 12/31/2020 9:16:07 AM



1,1-Dichloroethene
 Concen: 44.83 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. -0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 96 Resp: 125455
 Ion Ratio Lower Upper
 96 100
 61 167.4 124.6 187.0
 98 64.2 50.6 76.0





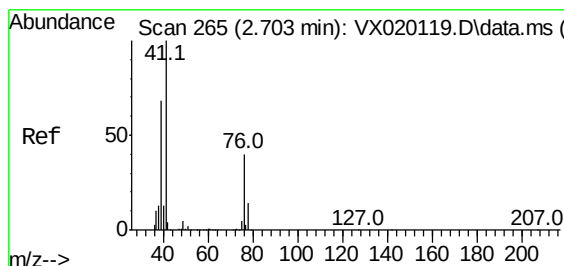
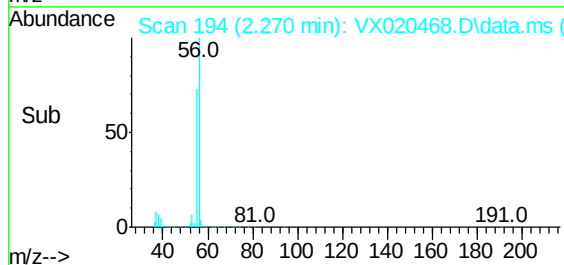
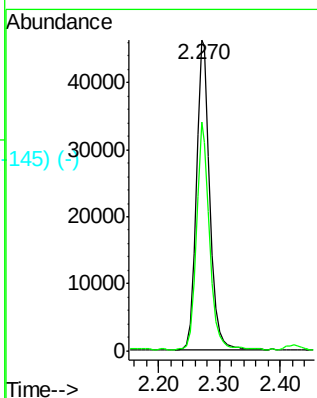
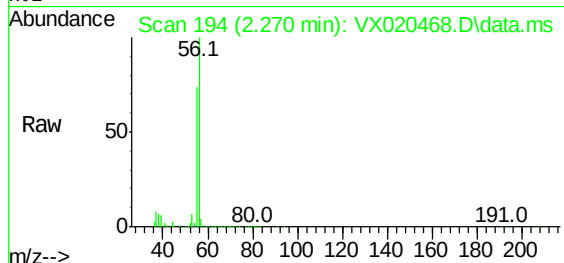
#19
Acrolein
Concen: 141.59 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 72752
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

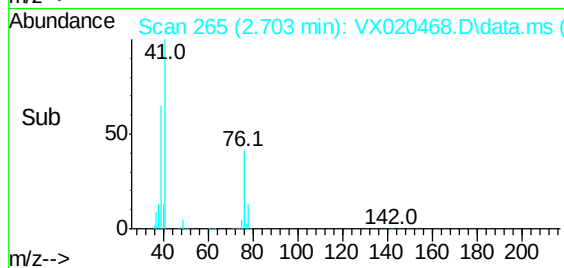
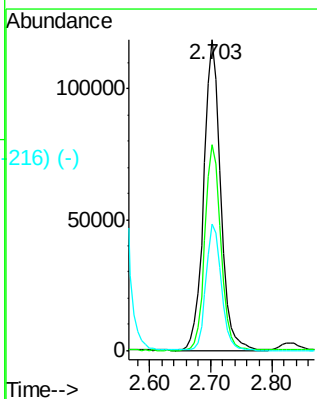
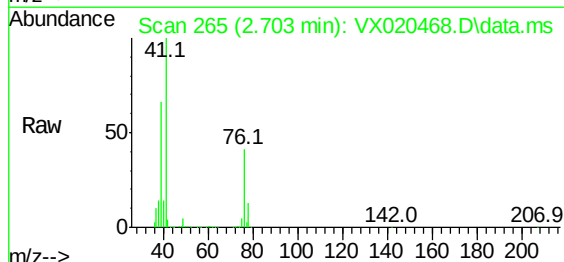
Manual Integrations
APPROVED

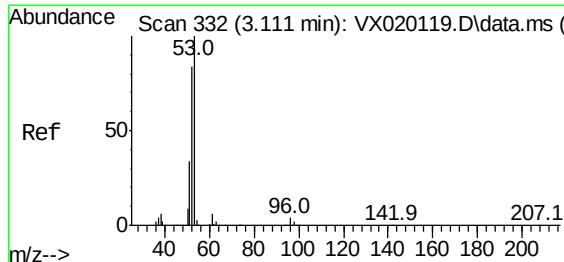
MMDadoda
12/31/2020 9:16:07 AM



#204
Allyl chloride
Concen: 45.88 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 41 Resp: 227871
Ion Ratio Lower Upper
41 100
39 62.4 51.6 77.4
76 36.9 30.5 45.7





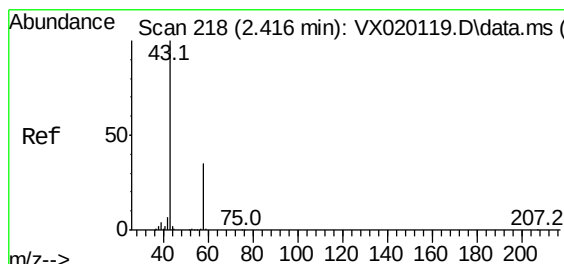
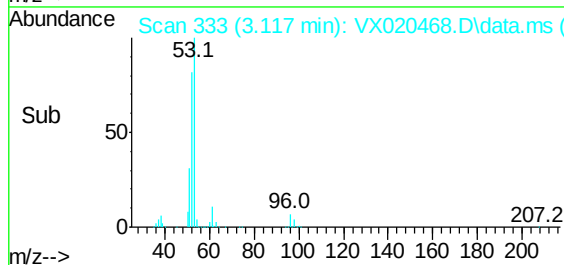
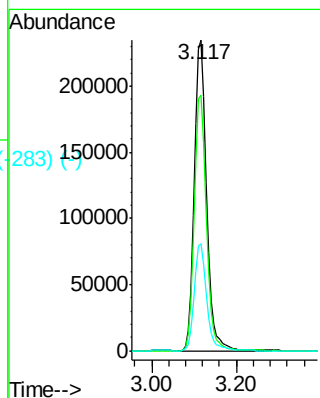
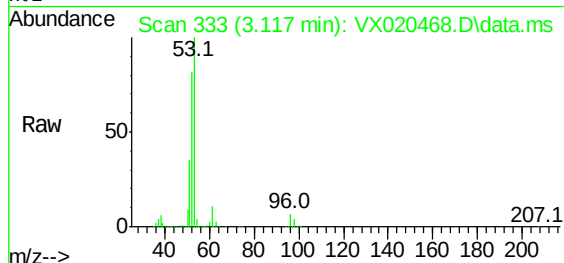
#15 (-)
Acrylonitrile
Concen: 250.62 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 474117
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 34.9 28.2 42.2

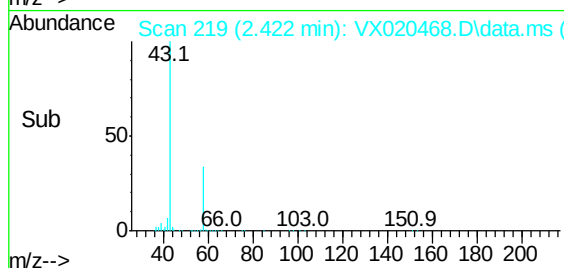
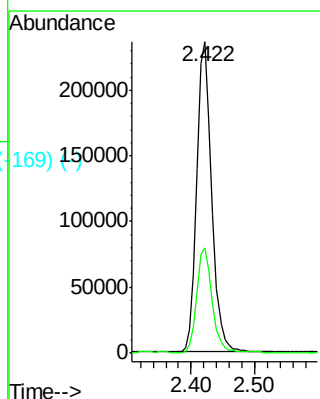
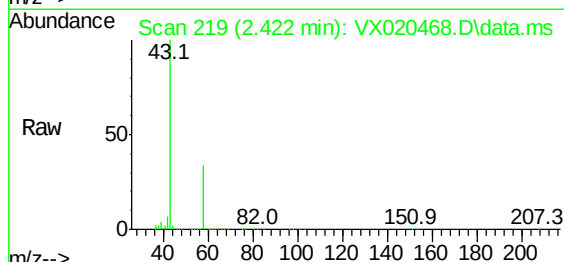
Manual Integrations
APPROVED

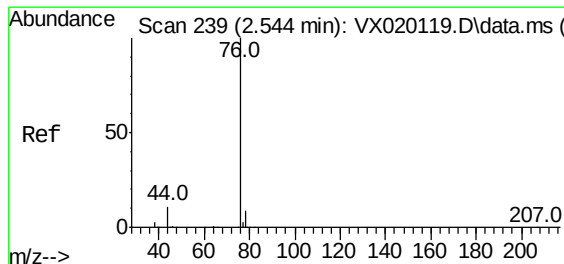
MMDadoda
12/31/2020 9:16:07 AM



#16 (-)
Acetone
Concen: 229.23 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 43 Resp: 383835
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8





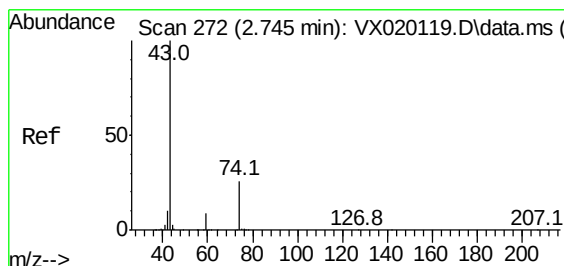
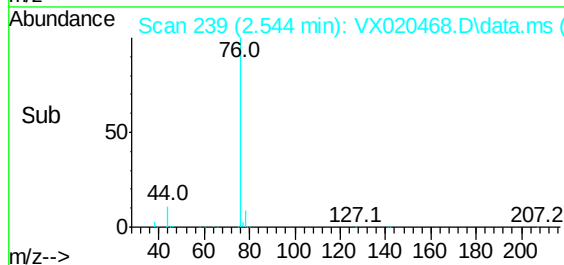
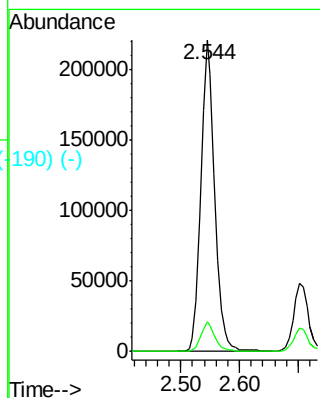
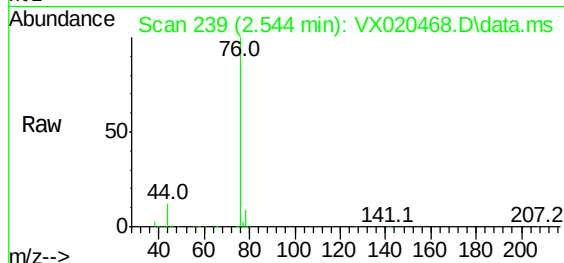
Carbon Disulfide
Concen: 43.22 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 357255
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

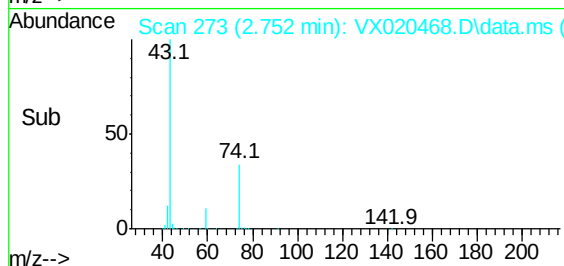
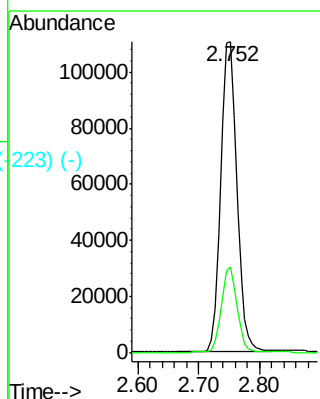
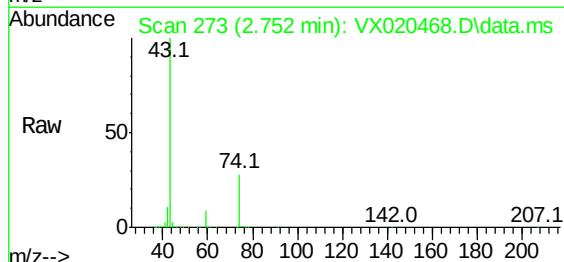
Manual Integrations
APPROVED

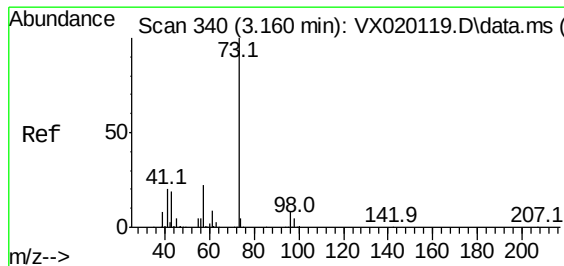
MMDadoda
12/31/2020 9:16:07 AM



Methyl Acetate
Concen: 53.72 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

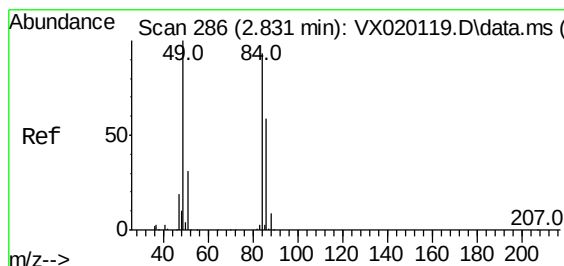
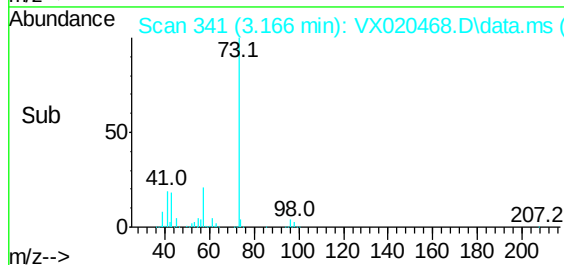
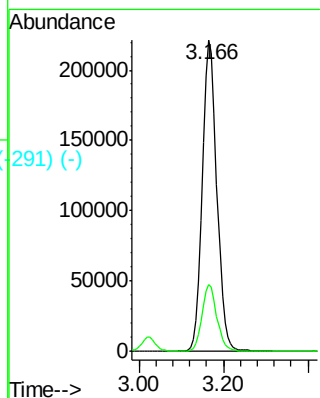
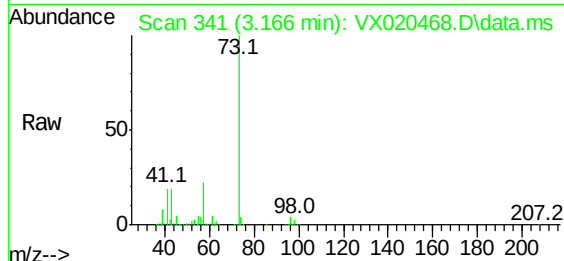
Tgt Ion: 43 Resp: 200625
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9





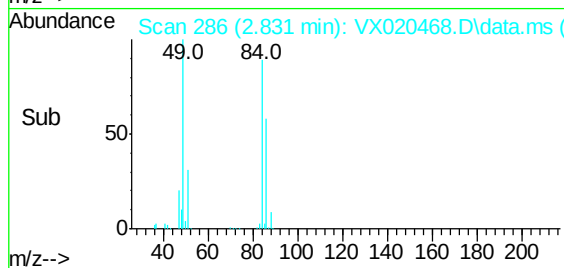
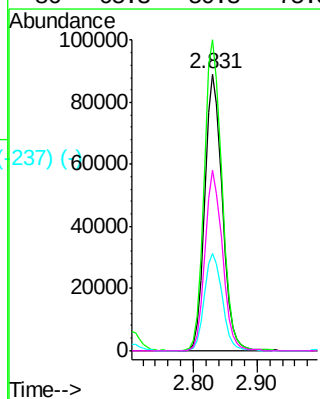
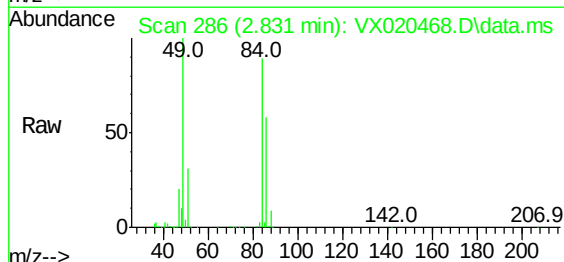
#328 (-)
Methyl tert-butyl Ether
Concen: 48.63 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 73 Resp: 509386
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#279 (-)
Methylene Chloride
Concen: 43.07 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

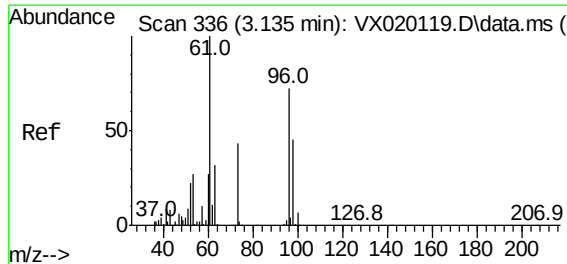
Tgt Ion: 84 Resp: 162574
Ion Ratio Lower Upper
84 100
49 112.5 88.6 132.8
51 35.2 27.0 40.6
86 65.3 50.3 75.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



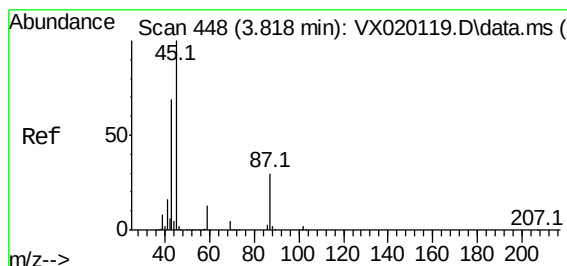
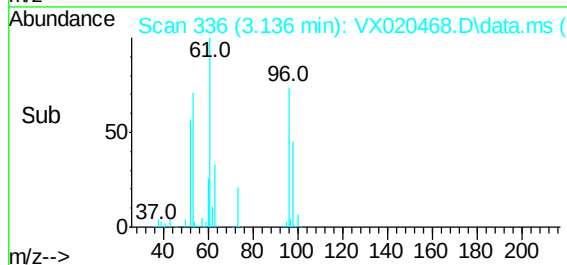
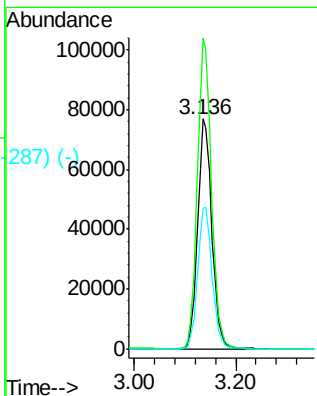
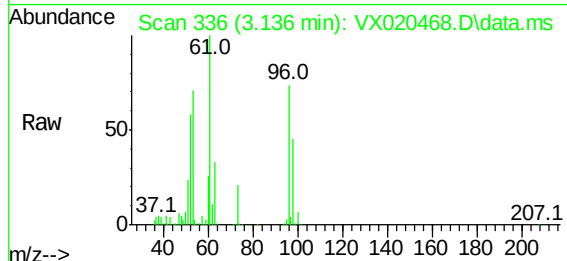
#21 (-)
trans-1,2-Dichloroethene
Concen: 43.91 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 149107
Ion Ratio Lower Upper
96 100
61 135.1 107.7 161.5
98 61.0 50.4 75.6

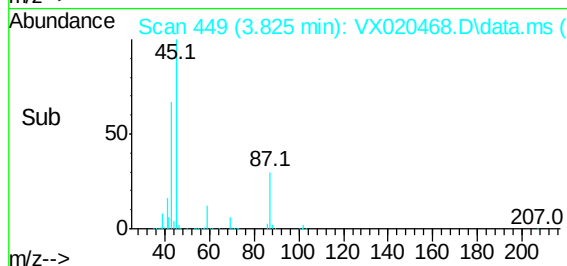
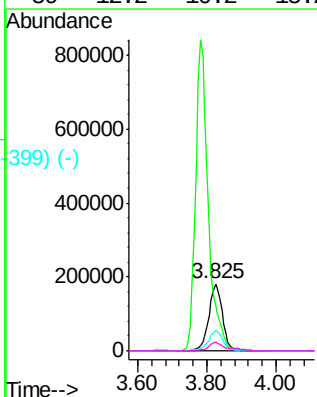
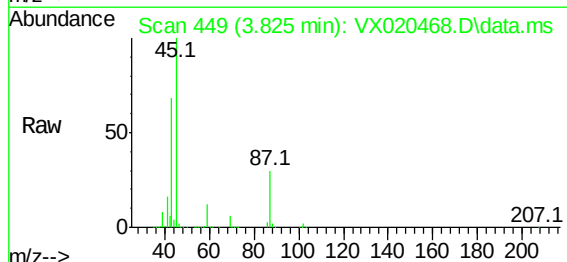
Manual Integrations
APPROVED

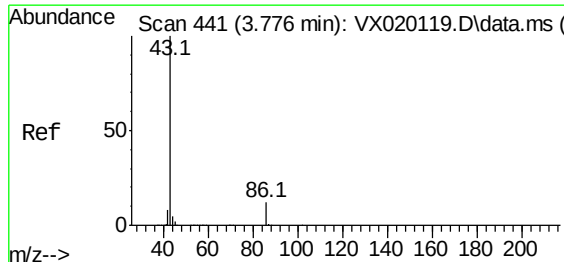
MMDadoda
12/31/2020 9:16:07 AM



#22 (-)
Diisopropyl ether
Concen: 47.56 ug/l
RT: 3.825 min Scan# 449
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

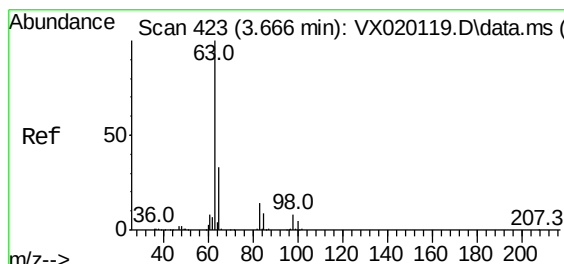
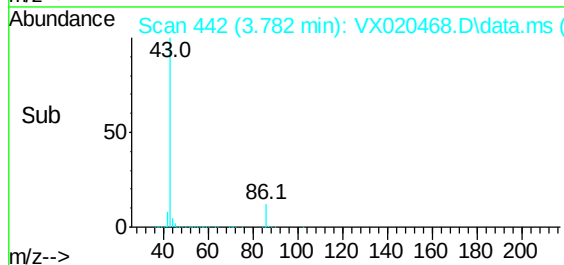
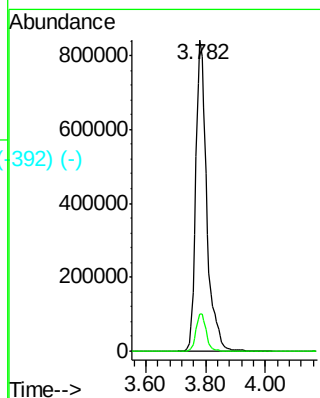
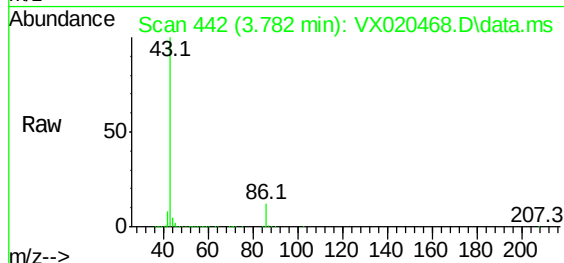
Tgt Ion: 45 Resp: 482122
Ion Ratio Lower Upper
45 100
43 67.5 58.0 87.0
87 29.8 25.4 38.0
59 12.2 10.2 15.2





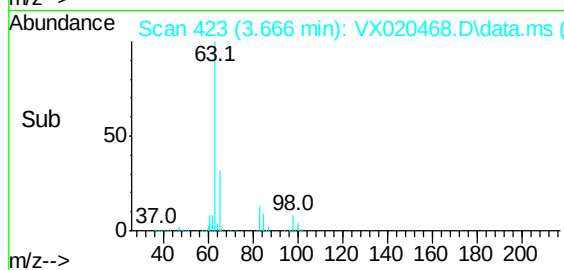
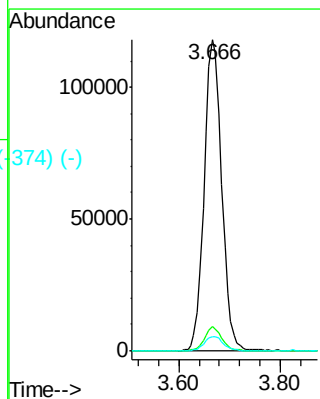
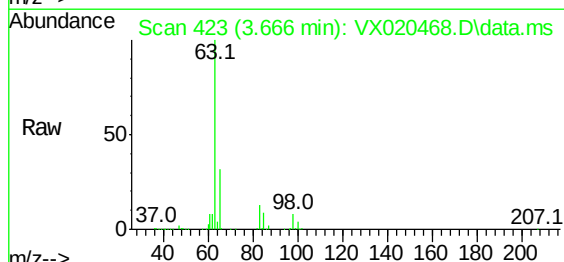
#23 (-)
Vinyl Acetate
Concen: 243.79 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 43 Resp: 2106255
Ion Ratio Lower Upper
43 100
86 11.9 9.9 14.9



#24 (-)
1,1-Dichloroethane
Concen: 46.96 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

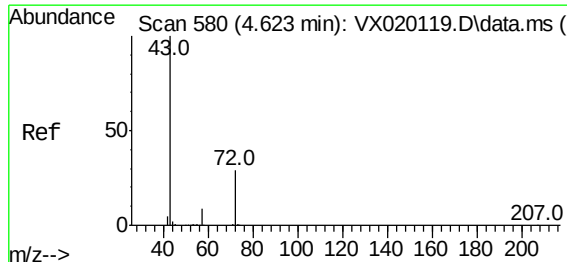
Tgt Ion: 63 Resp: 280363
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.4 2.5 7.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



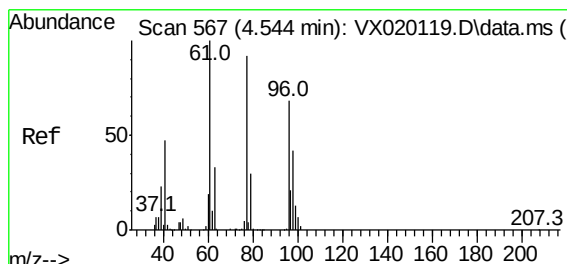
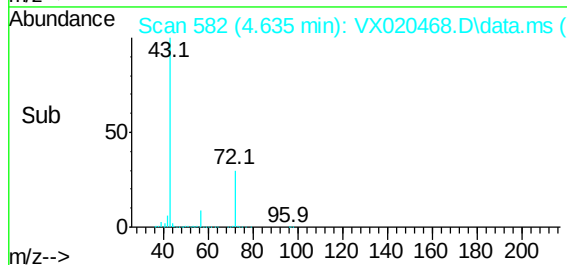
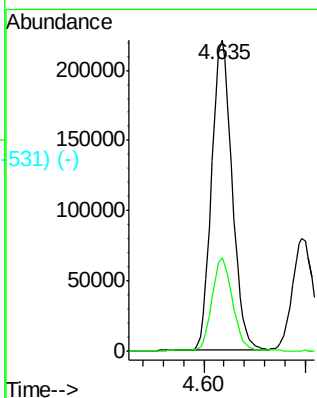
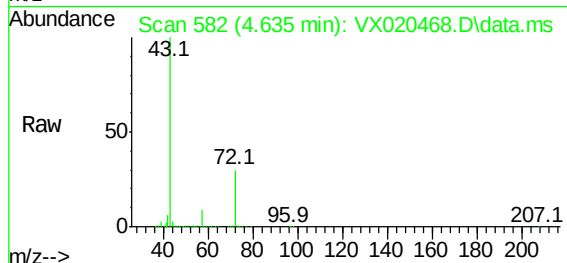
2-Butanone
Concen: 254.25 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 619616
Ion Ratio Lower Upper
43 100
72 29.8 23.7 35.5

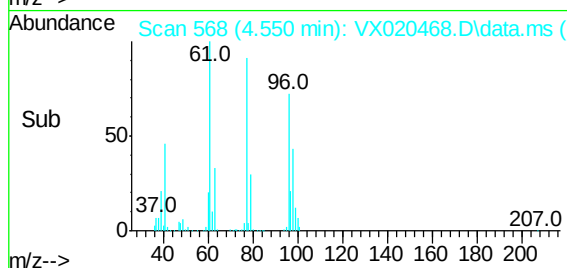
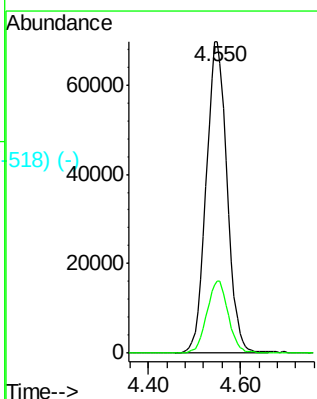
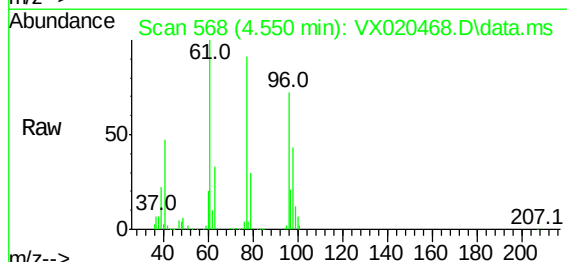
Manual Integrations
APPROVED

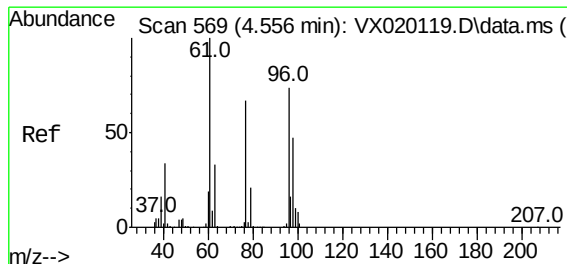
MMDadoda
12/31/2020 9:16:07 AM



2,2-Dichloropropane
Concen: 44.10 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 77 Resp: 217275
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1





#27 (-)
 cis-1,2-Dichloroethene
 Concen: 45.97 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

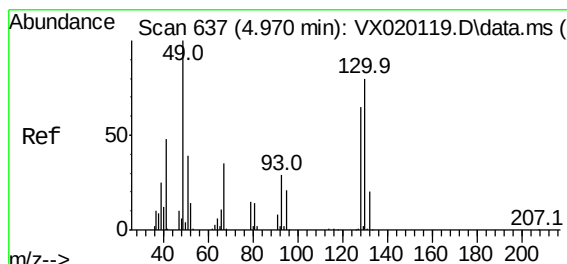
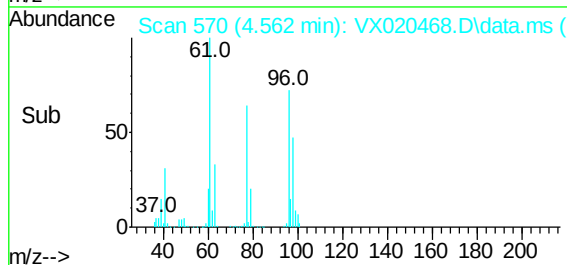
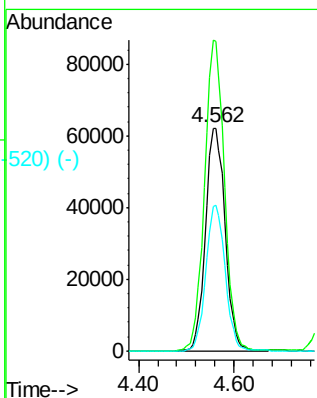
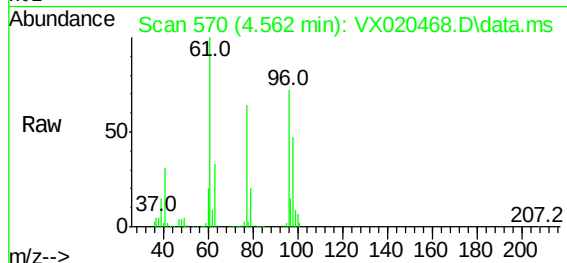
Tgt Ion: 96 Resp: 176162

Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	285.6
98	64.3	0.0	129.6

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

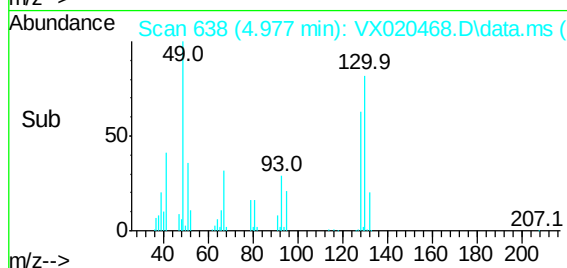
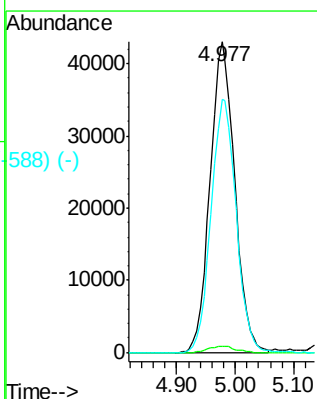
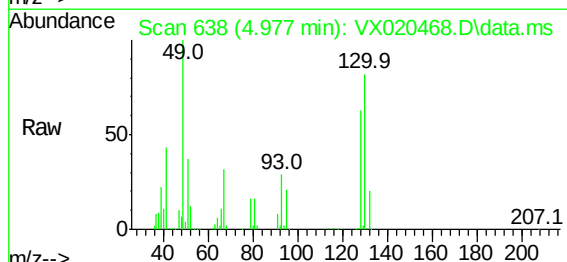
MMDadoda
 12/31/2020 9:16:07 AM

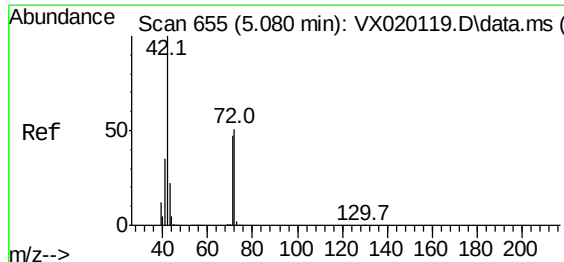


#28 (-)
 Bromochloromethane
 Concen: 47.31 ug/l
 RT: 4.977 min Scan# 638
 Delta R.T. 0.007 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 49 Resp: 125774

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	83.1	68.2	102.2





Tetrahydrofuran
Concen: 257.43 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

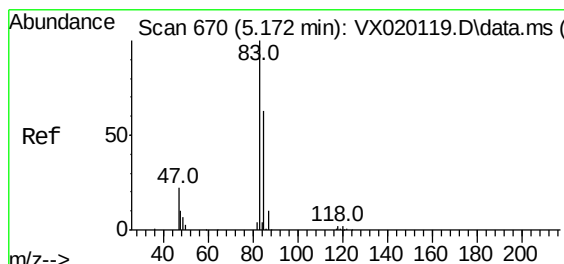
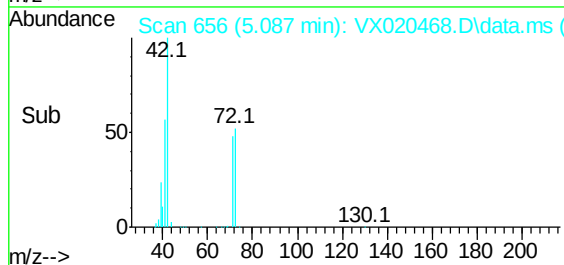
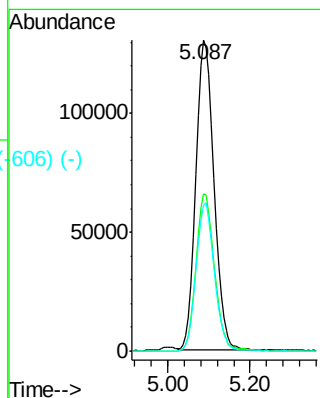
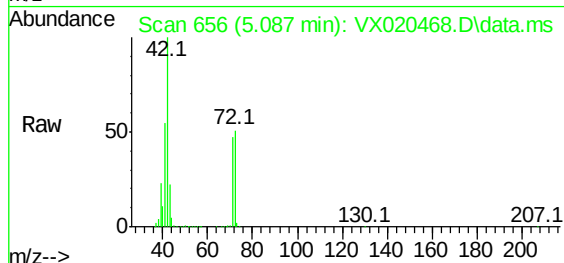
Tgt Ion: 42 Resp: 394683

Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.7	62.5
71	47.6	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

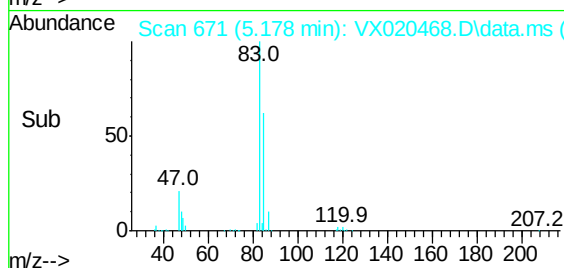
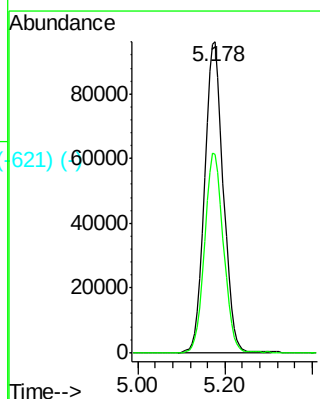
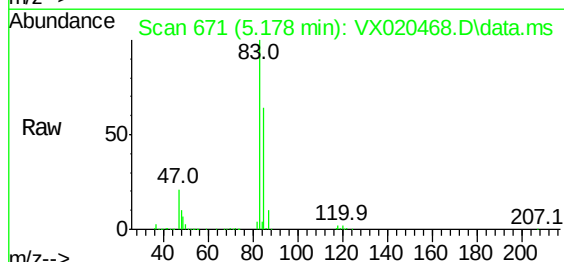
MMDadoda
12/31/2020 9:16:07 AM

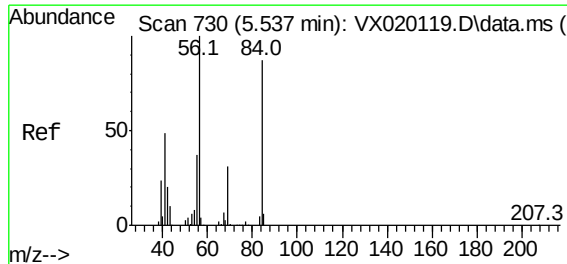


Chloroform
Concen: 47.17 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 83 Resp: 286708

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.0	78.0





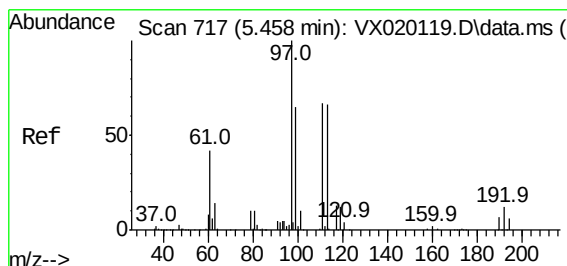
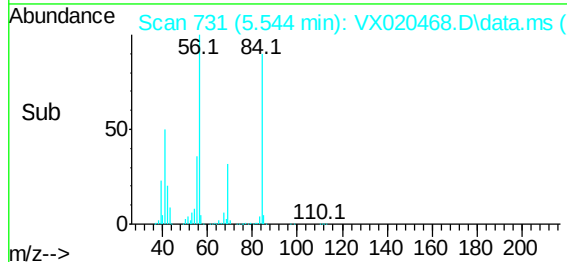
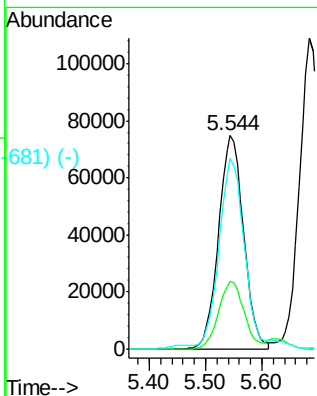
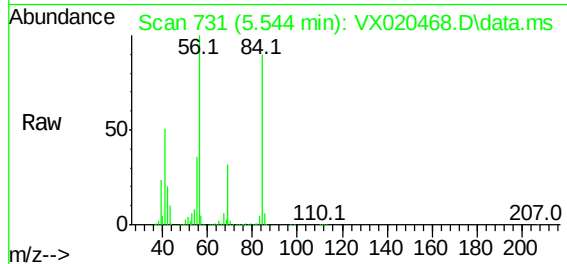
Cyclohexane
Concen: 45.42 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 56 Resp: 229986
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 88.3 71.4 107.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

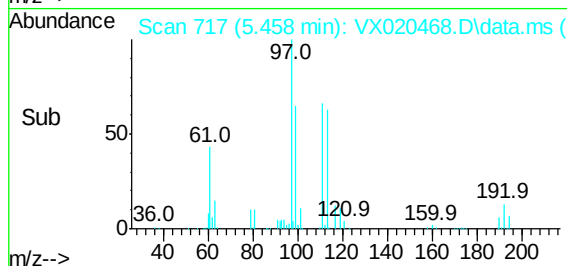
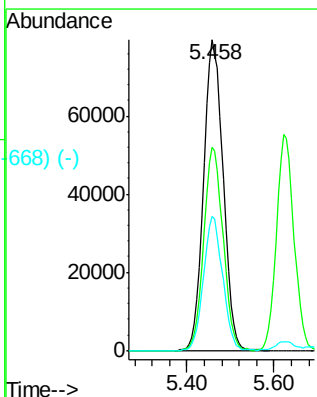
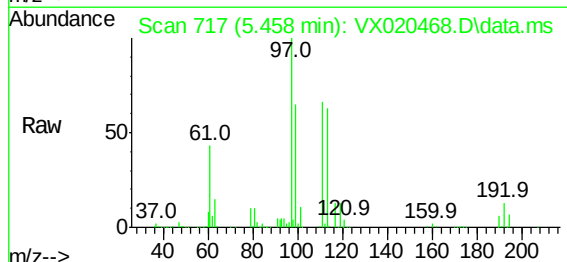
Manual Integrations
APPROVED

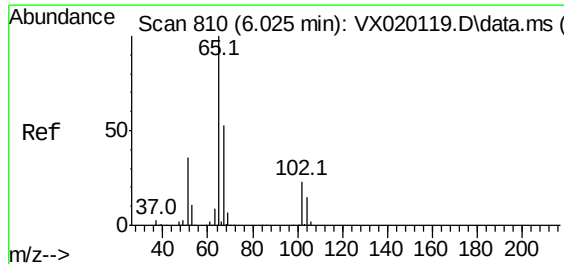
MMDadoda
12/31/2020 9:16:07 AM



1,1,1-Trichloroethane
Concen: 48.56 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

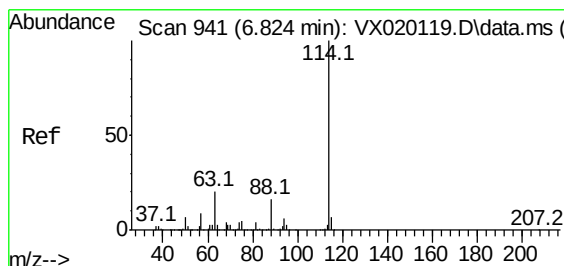
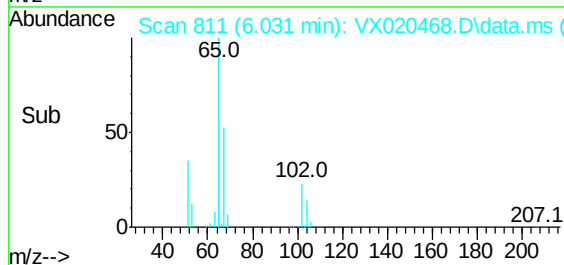
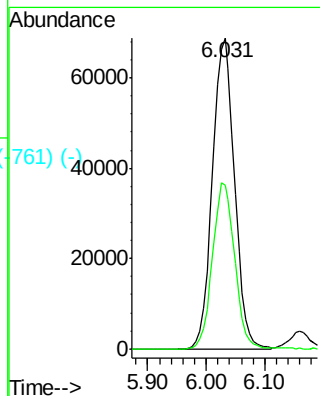
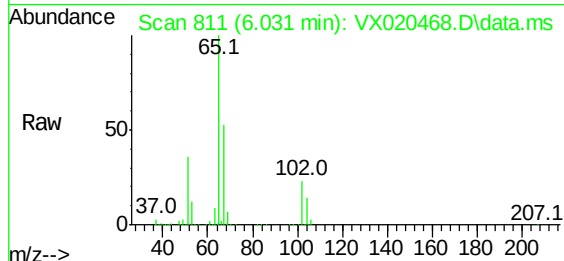
Tgt Ion: 97 Resp: 246150
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 42.5 34.2 51.4





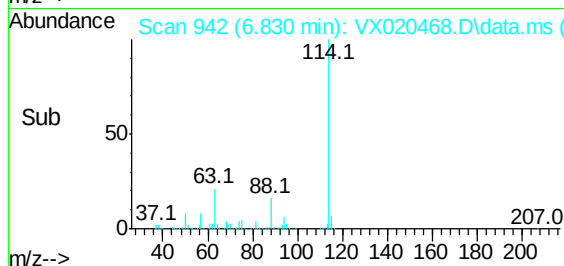
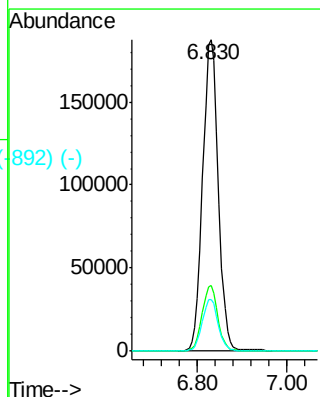
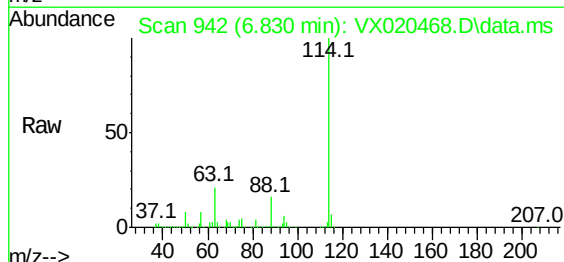
1,2-Dichloroethane-d4
Concen: 49.00 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 65 Resp: 179929
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

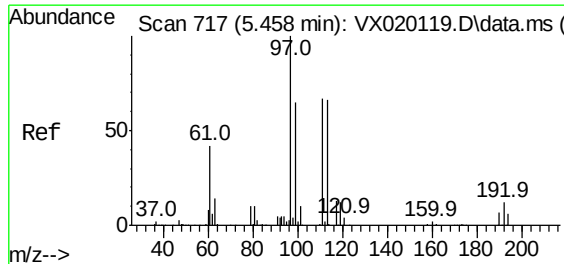
Tgt Ion: 114 Resp: 450827
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



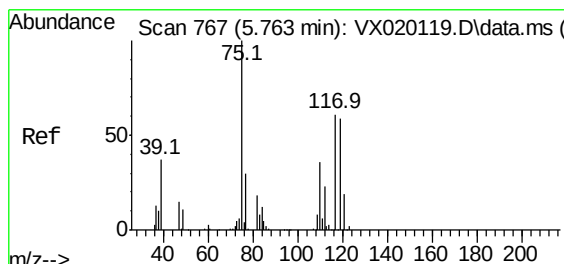
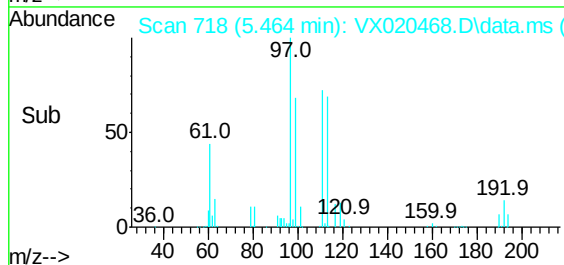
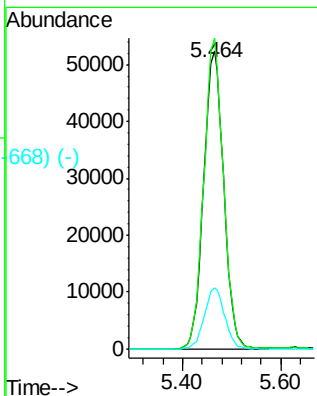
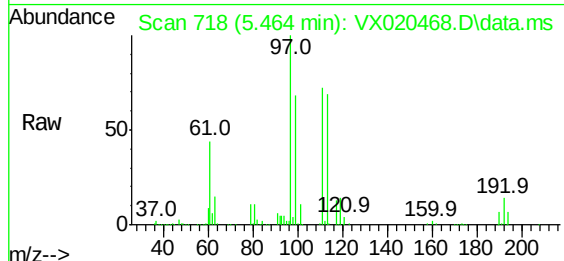
#768 (-)
 Dibromofluoromethane
 Concen: 51.59 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	113	Resp:	148783
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.9	122.9
192	20.5	16.7	25.1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

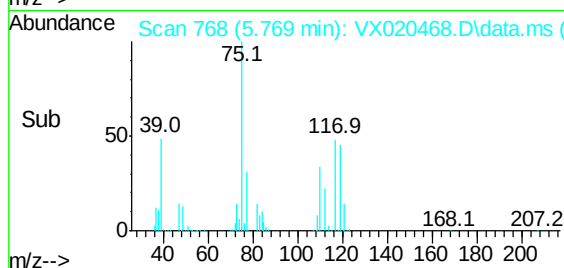
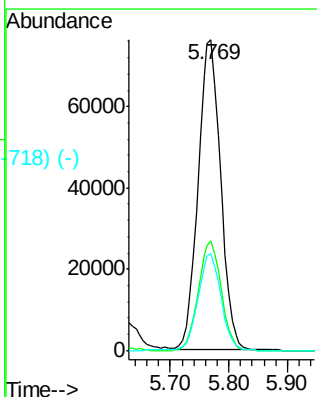
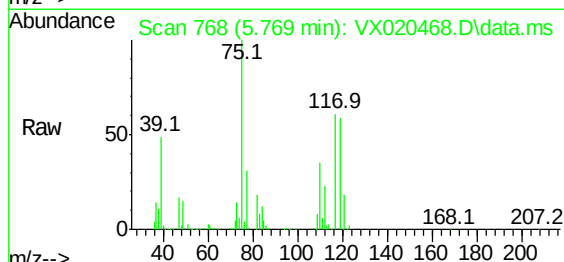
Manual Integrations
 APPROVED

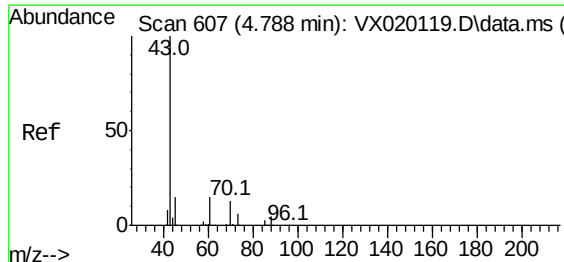
MMDadoda
 12/31/2020 9:16:07 AM



#768 (-)
 1,1-Dichloropropene
 Concen: 45.62 ug/l
 RT: 5.769 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	75	Resp:	203278
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.4
77	31.4	25.3	37.9





Ethyl Acetate
Concen: 50.72 ug/l
RT: 4.794 min Scan# 608
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

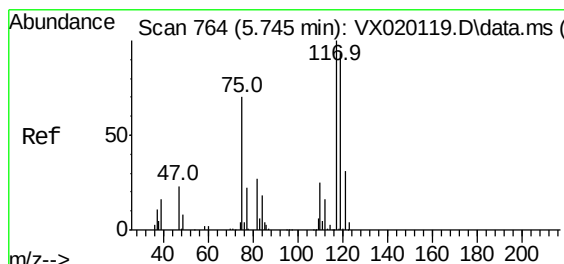
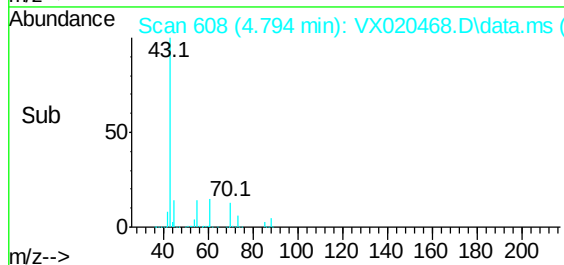
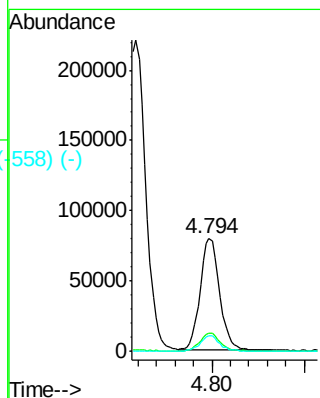
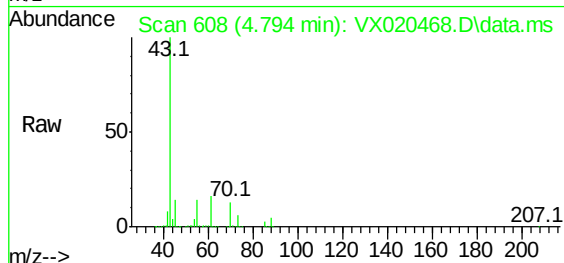
Tgt Ion: 43 Resp: 234837

Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.8	19.2
70	12.7	10.5	15.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

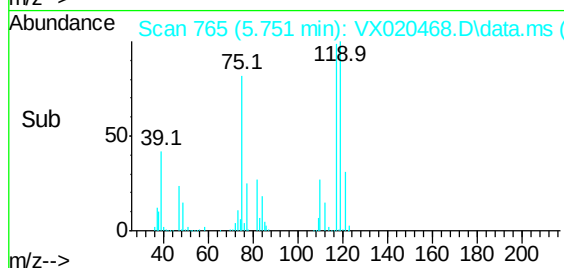
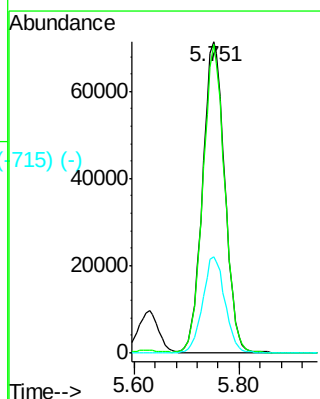
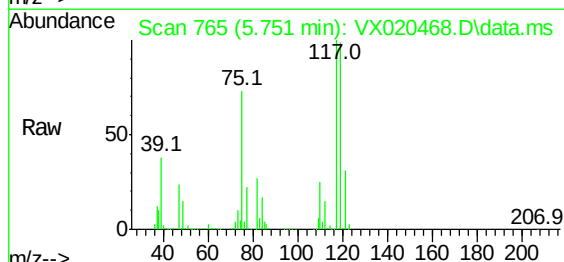
MMDadoda
12/31/2020 9:16:07 AM

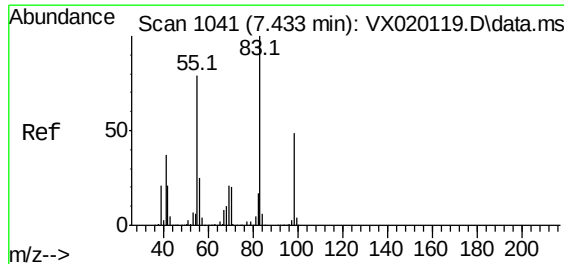


Carbon Tetrachloride
Concen: 49.14 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 117 Resp: 208230

Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.2	114.2
121	30.7	24.8	37.2





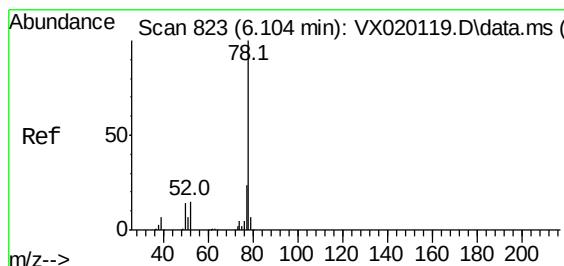
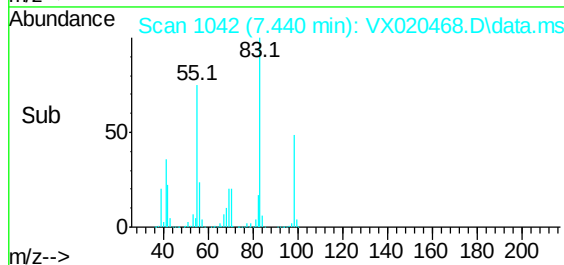
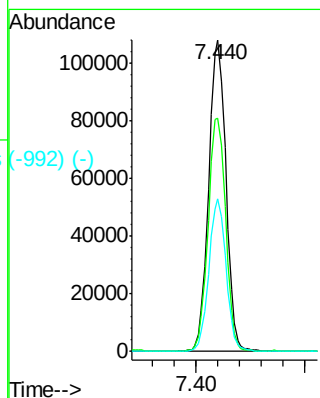
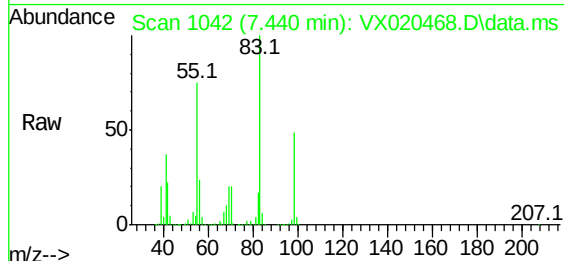
#899 (-)
Methylcyclohexane
Concen: 46.02 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 83 Resp: 236652
Ion Ratio Lower Upper
83 100
55 74.9 58.9 88.3
98 49.0 38.1 57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

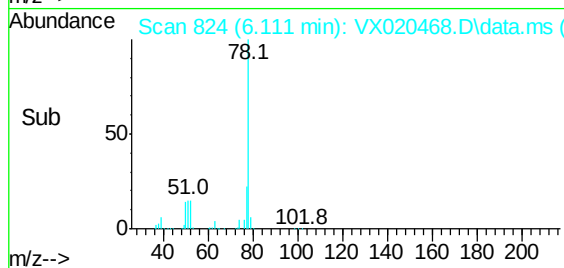
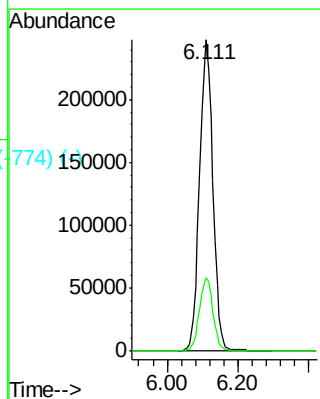
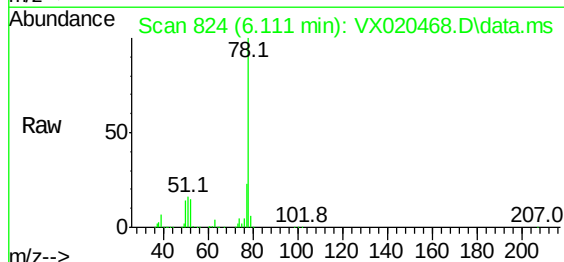
Manual Integrations
APPROVED

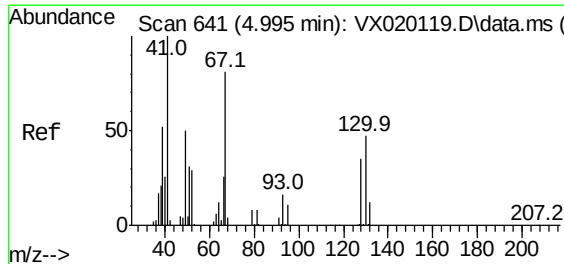
MMDadoda
12/31/2020 9:16:07 AM



#899 (-)
Benzene
Concen: 46.08 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 78 Resp: 639114
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41 (-)
Methacrylonitrile
Concen: 51.55 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

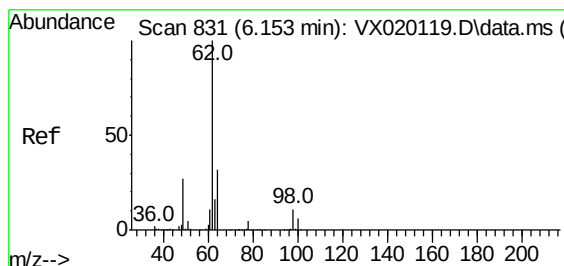
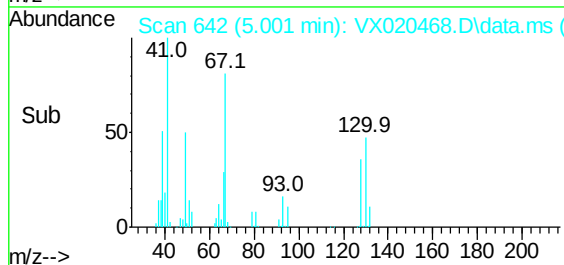
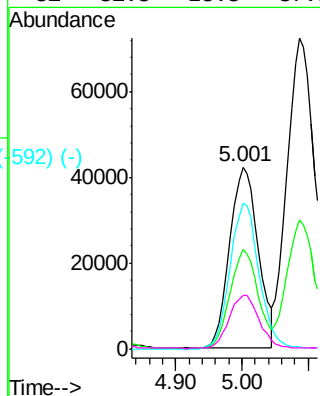
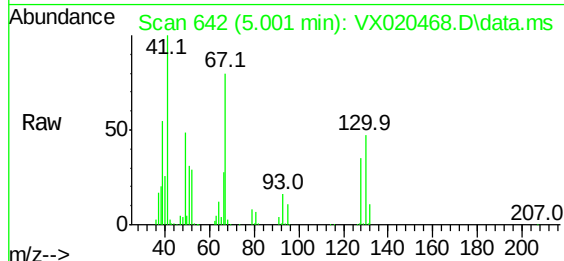
Tgt Ion: 41 Resp: 127188

Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.5	63.7
67	81.9	65.0	97.6
52	31.8	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

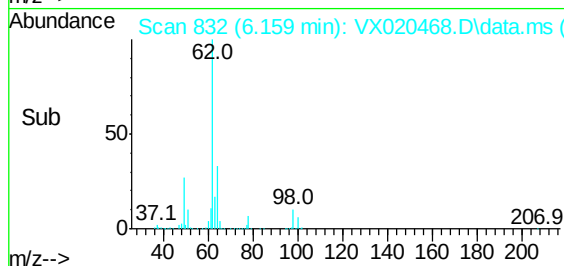
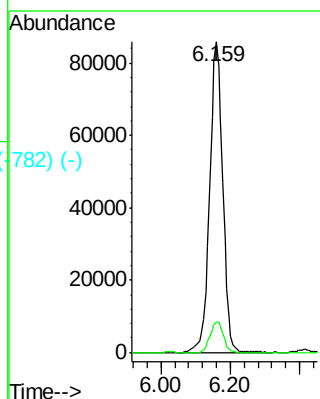
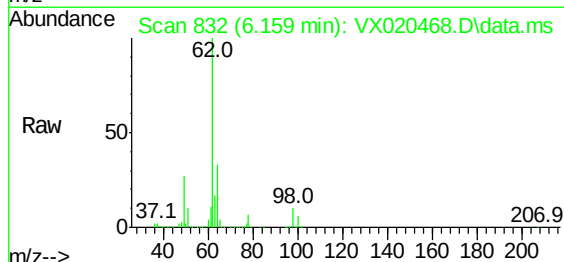
MMDadoda
12/31/2020 9:16:07 AM

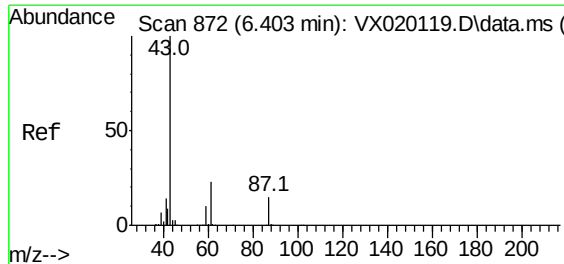


#42 (-)
1,2-Dichloroethane
Concen: 46.92 ug/l
RT: 6.159 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 62 Resp: 223227

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





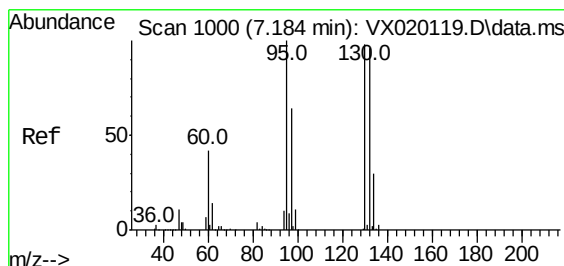
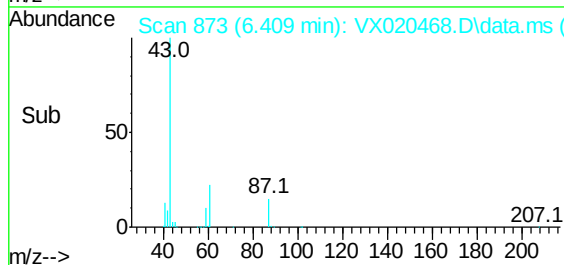
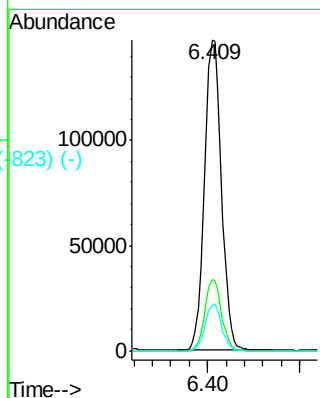
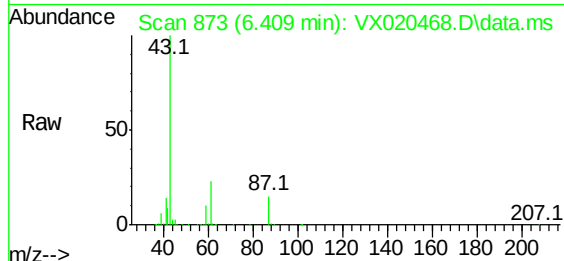
Isopropyl Acetate
Concen: 51.30 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 43 Resp: 374968
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.4
87 14.9 12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

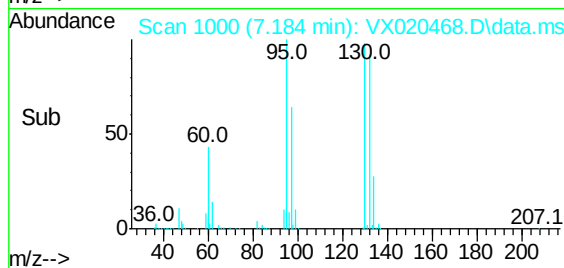
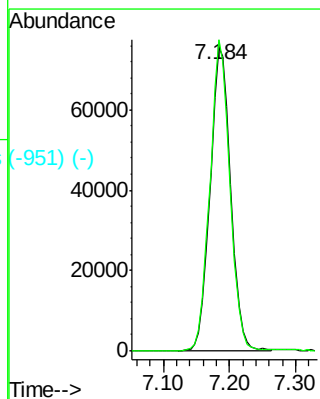
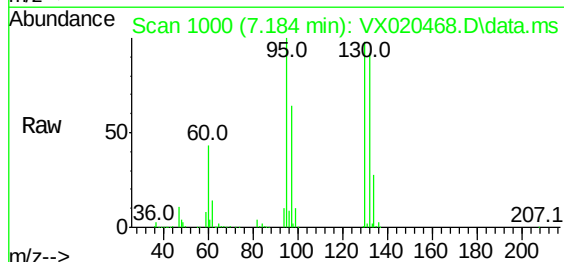
Manual Integrations
APPROVED

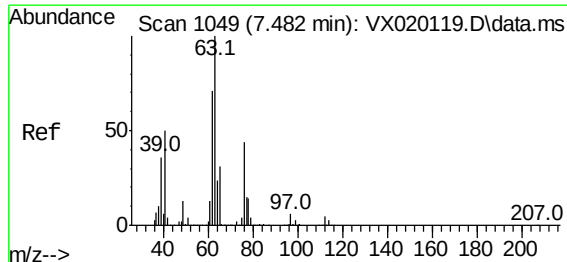
MMDadoda
12/31/2020 9:16:07 AM



Trichloroethene
Concen: 45.51 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

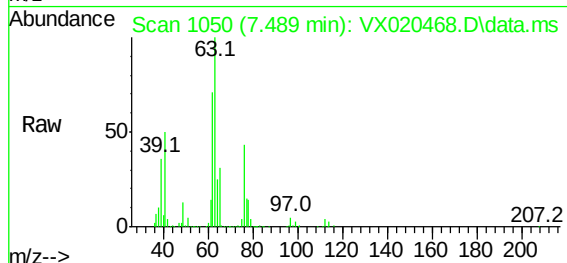
Tgt Ion:130 Resp: 163168
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0





#453 (-)
1,2-Dichloropropane
Concen: 47.66 ug/l
RT: 7.489 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

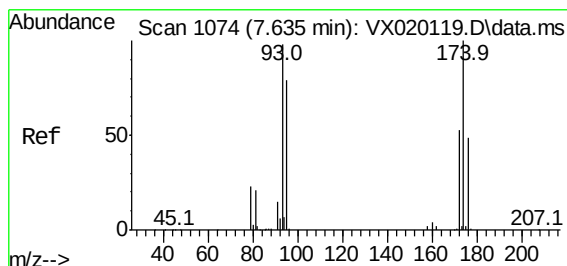
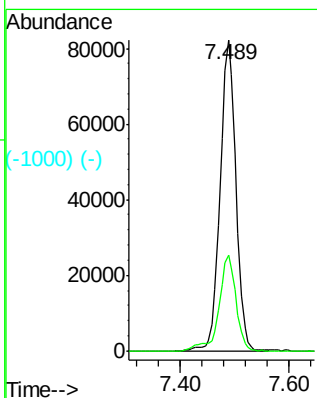
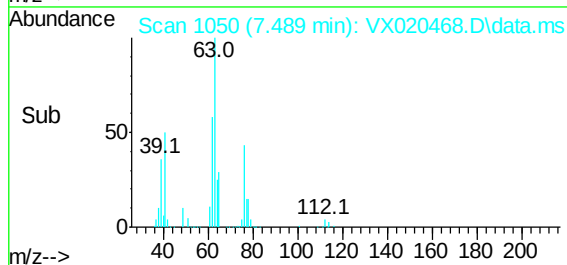
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 167059
Ion Ratio Lower Upper
63 100
65 30.9 25.7 38.5

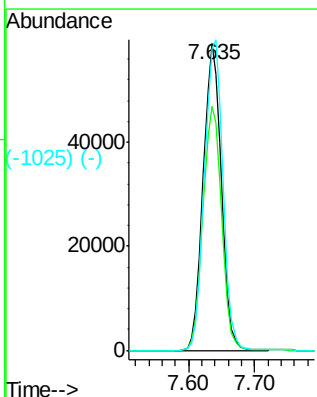
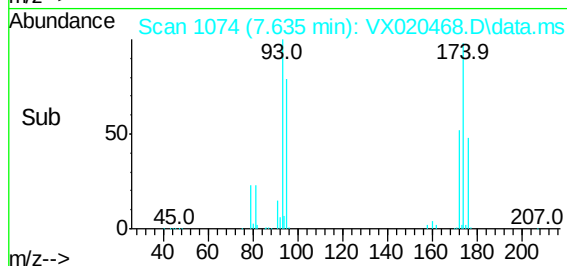
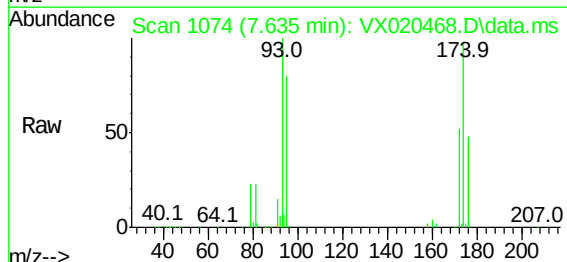
Manual Integrations
APPROVED

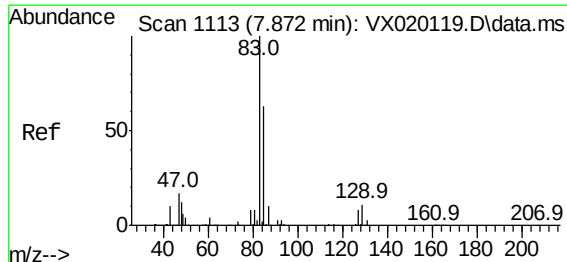
MMDadoda
12/31/2020 9:16:07 AM



#464 (-)
Dibromomethane
Concen: 46.84 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

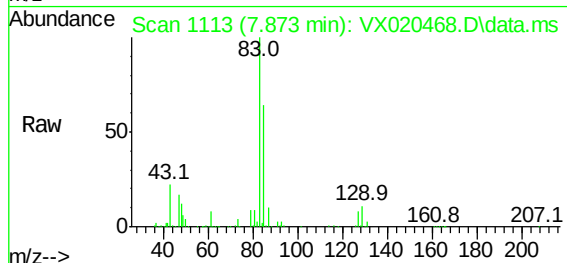
Tgt Ion: 93 Resp: 112305
Ion Ratio Lower Upper
93 100
95 82.1 66.8 100.2
174 104.2 83.1 124.7





#473 (-)
Bromodichloromethane
Concen: 50.30 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

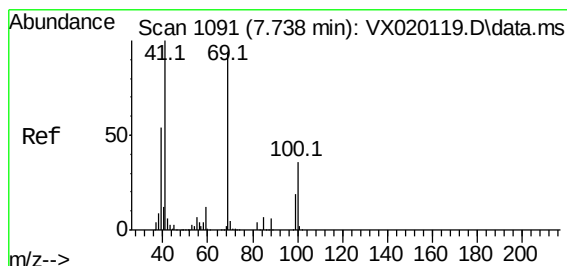
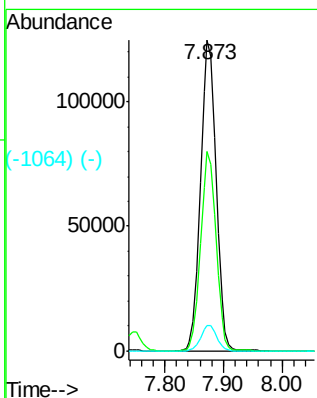
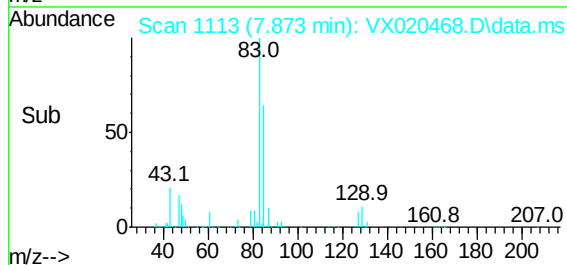
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 229914
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0
127 8.3 6.8 10.2

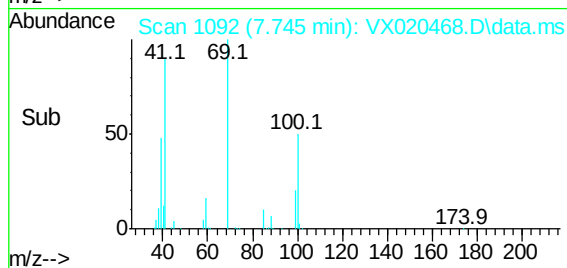
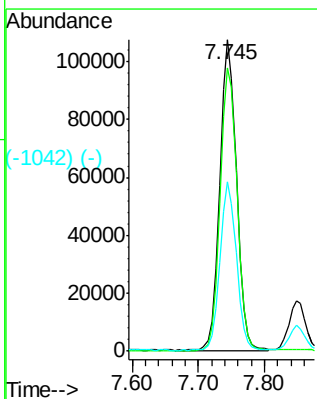
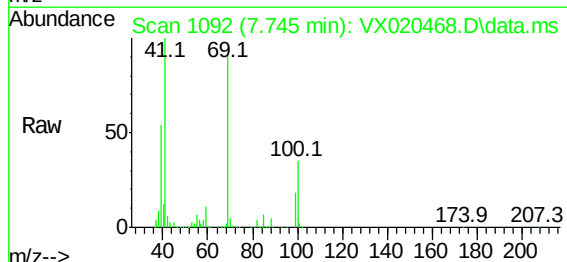
Manual Integrations
APPROVED

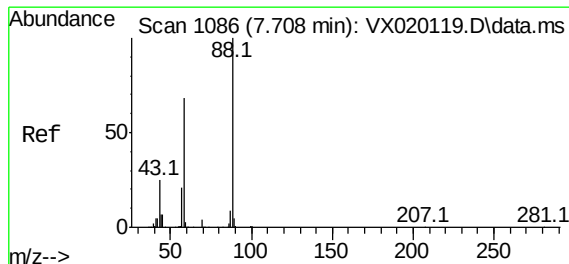
MMDadoda
12/31/2020 9:16:07 AM



#480 (-)
Methyl methacrylate
Concen: 52.24 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 41 Resp: 187128
Ion Ratio Lower Upper
41 100
69 92.9 76.0 114.0
39 53.5 44.6 67.0





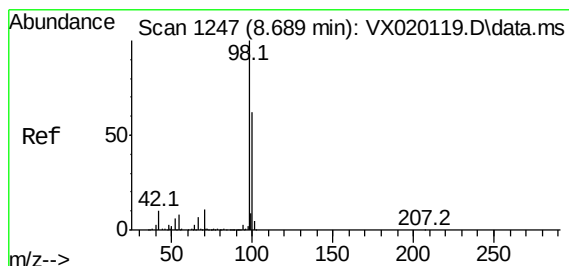
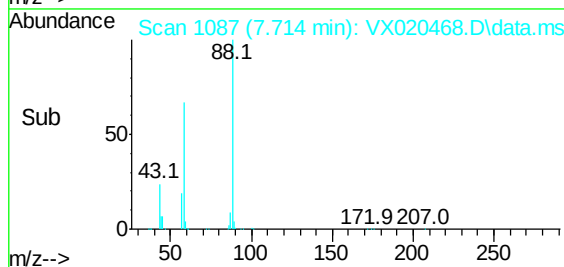
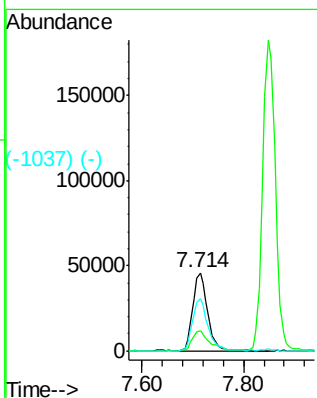
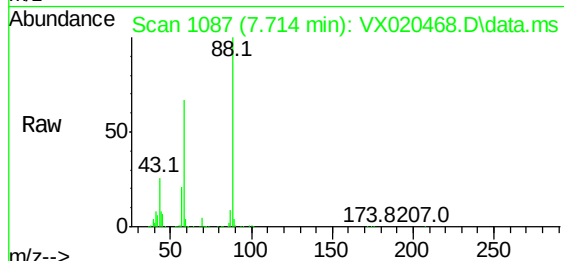
#499 (-)
1,4-Dioxane
Concen: 1110.84 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	88	Resp:	93146
Ion Ratio	Lower	Upper	
88	100		
43	28.9	23.2	34.8
58	69.4	55.0	82.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

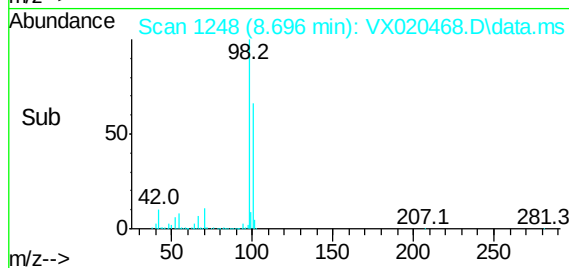
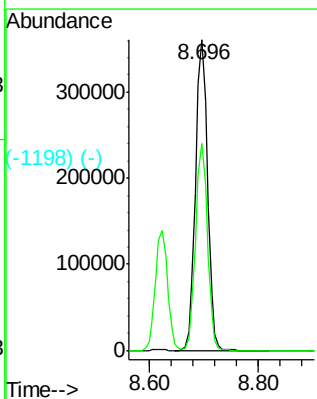
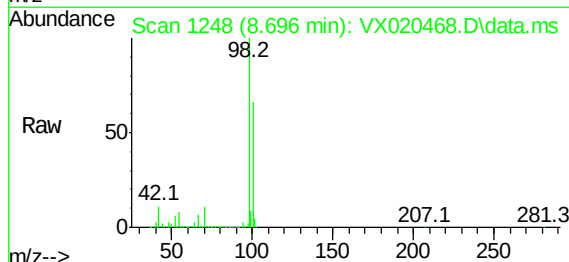
Manual Integrations
APPROVED

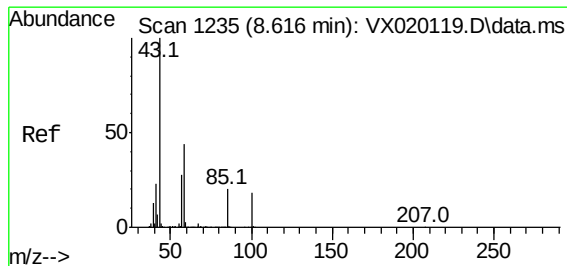
MMDadoda
12/31/2020 9:16:07 AM



#500 (-)
To Luene-d8
Concen: 49.56 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

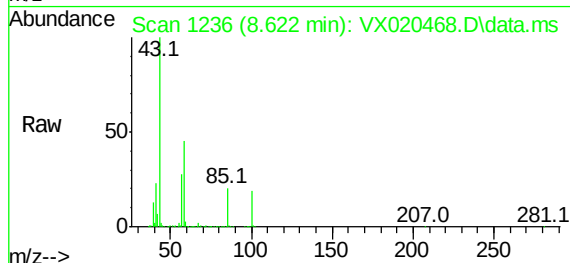
Tgt Ion:	98	Resp:	550122
Ion Ratio	Lower	Upper	
98	100		
100	66.1	51.9	77.9





#526 (-)
4-Methyl-2-Pentanone
Concen: 267.56 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

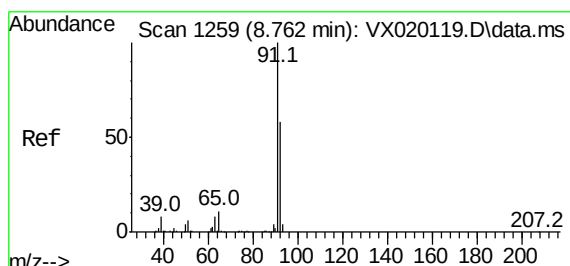
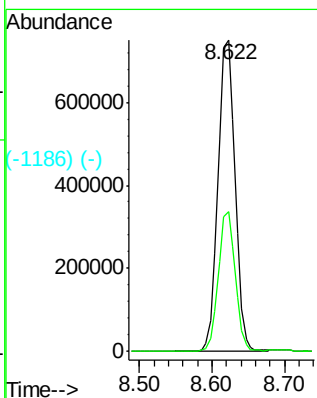
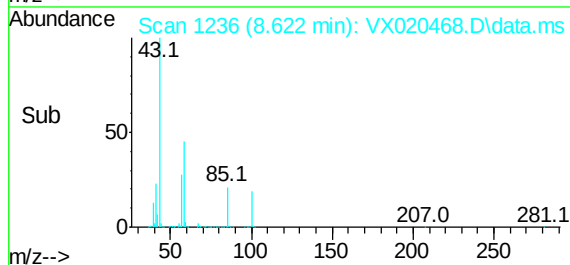
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1210847
Ion Ratio Lower Upper
43 100
58 44.1 35.4 53.0

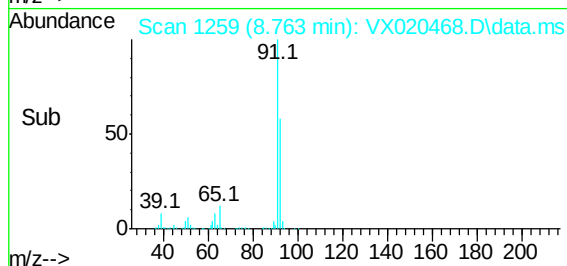
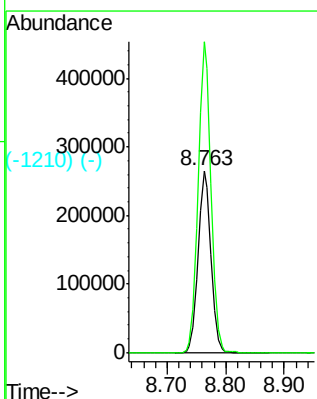
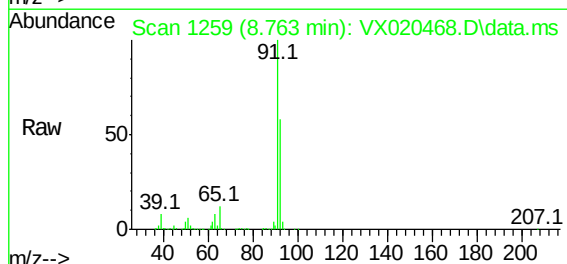
Manual Integrations
APPROVED

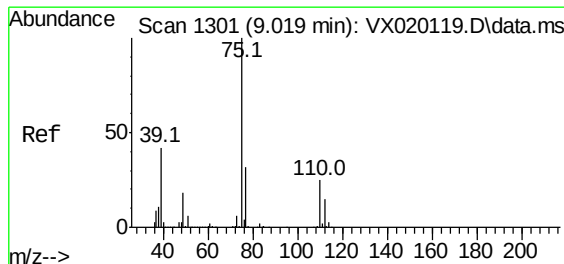
MMDadoda
12/31/2020 9:16:07 AM



#527 (-)
Toluene
Concen: 47.50 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 92 Resp: 402051
Ion Ratio Lower Upper
92 100
91 170.9 137.1 205.7





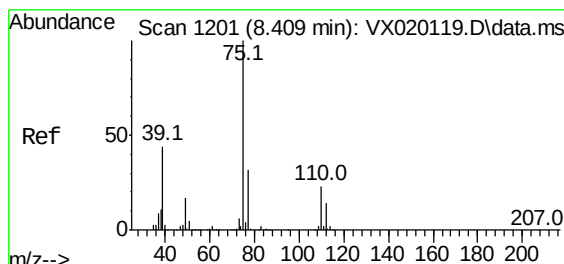
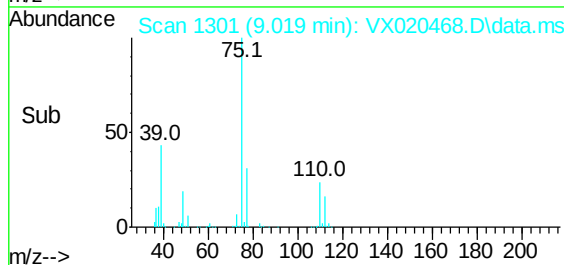
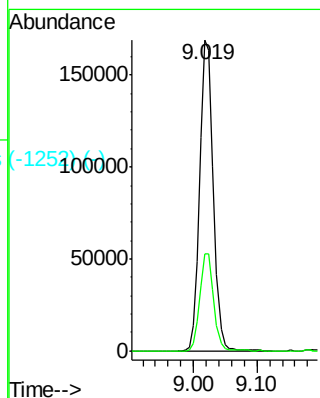
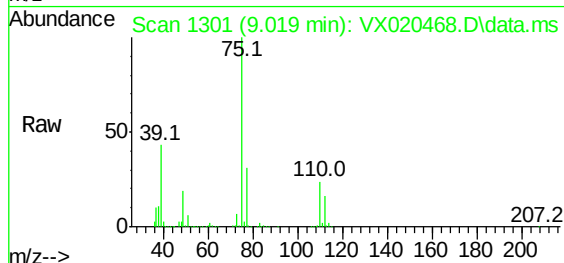
#593 (-)
t-1,3-Dichloropropene
Concen: 49.24 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 247569
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3

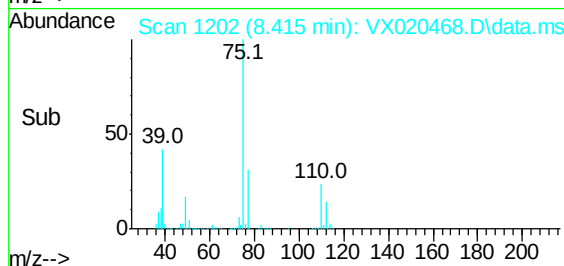
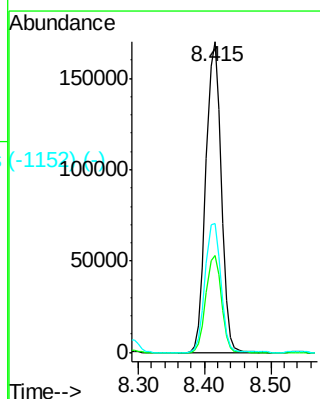
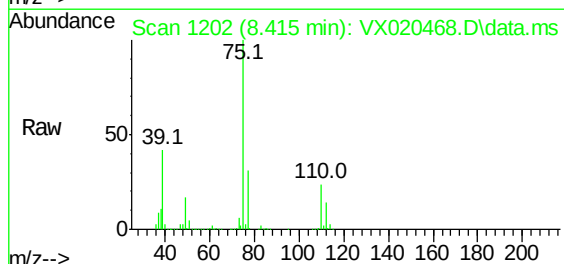
Manual Integrations
APPROVED

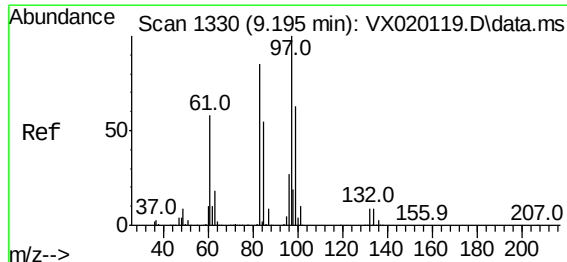
MMDadoda
12/31/2020 9:16:07 AM



#594 (-)
cis-1,3-Dichloropropene
Concen: 49.26 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 75 Resp: 271948
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 41.6 35.1 52.7



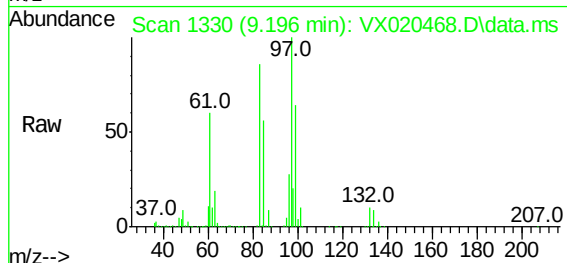


#559 (-)
1,1,2-Trichloroethane
Concen: 48.03 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

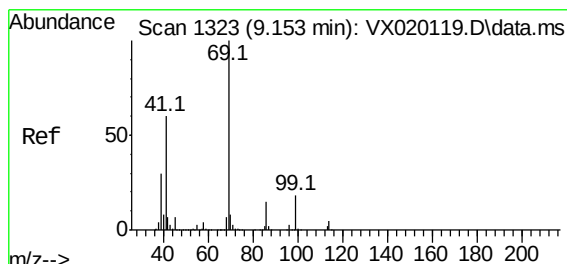
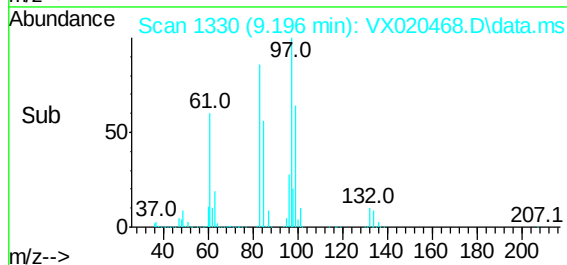
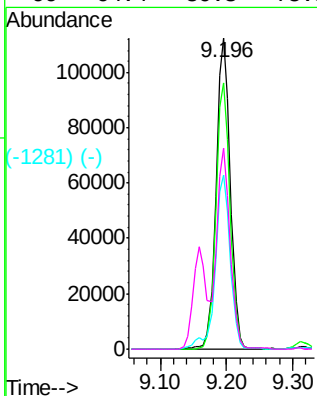
Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



Tgt Ion: 97 Resp: 167646

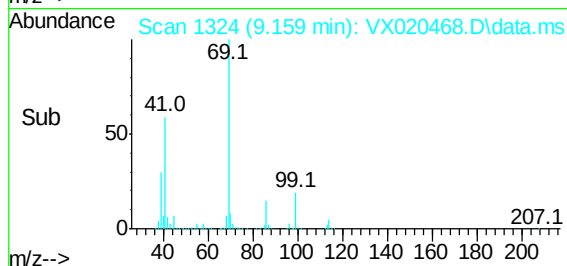
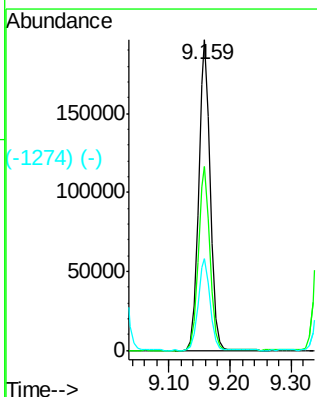
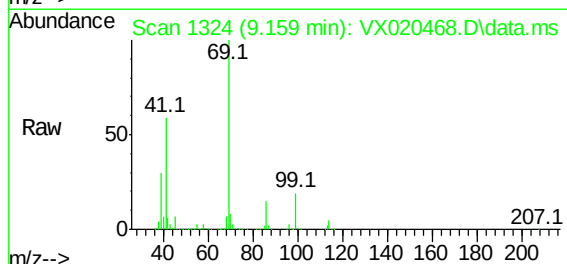
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.3	103.9
85	55.8	44.3	66.5
99	64.4	50.3	75.5

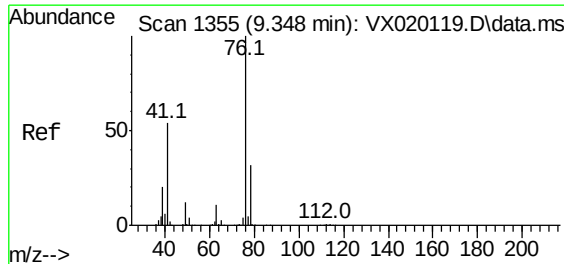


#560 (-)
Ethyl methacrylate
Concen: 52.52 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 69 Resp: 268291

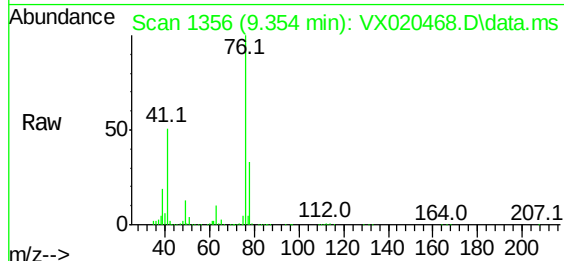
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.8	70.2
39	30.4	24.7	37.1





#57 (-)
1,3-Dichloropropane
Concen: 47.89 ug/l
RT: 9.354 min Scan# 1356
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

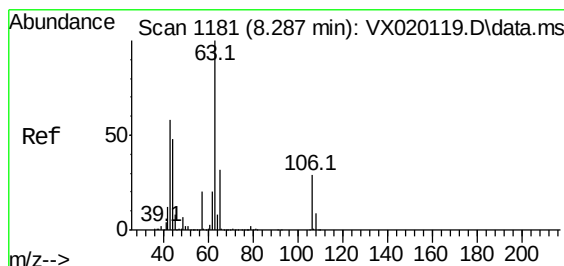
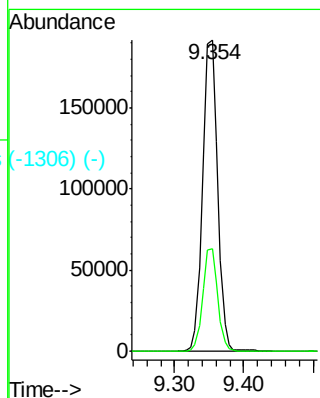
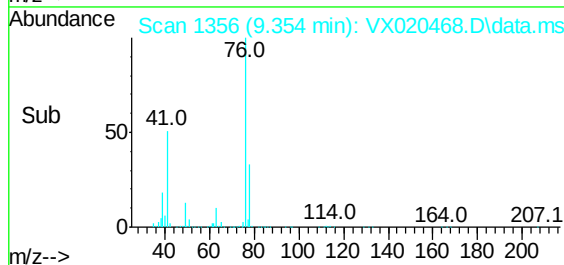
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 284581
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

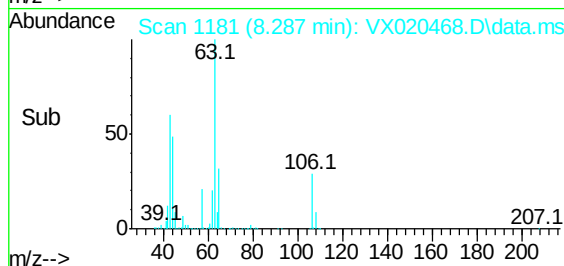
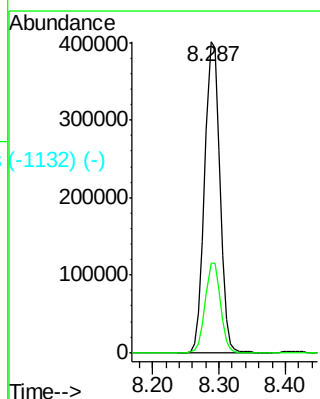
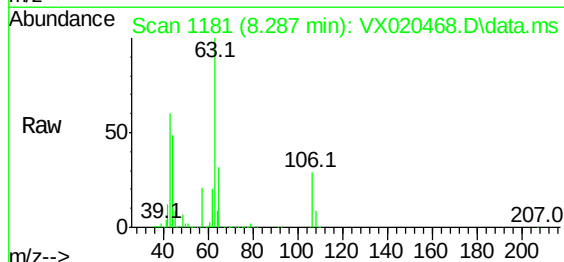
Manual Integrations
APPROVED

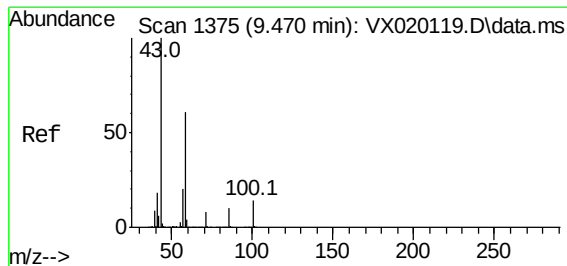
MMDadoda
12/31/2020 9:16:07 AM



#58 (-)
2-Chloroethyl Vinyl ether
Concen: 235.38 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

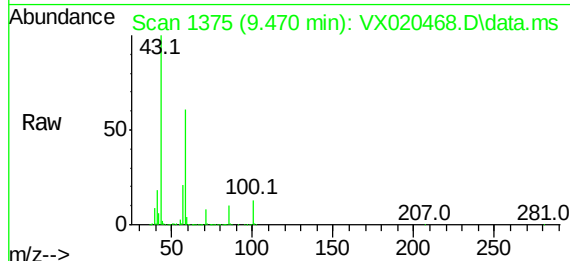
Tgt Ion: 63 Resp: 636080
Ion Ratio Lower Upper
63 100
106 28.8 23.5 35.3





#506 (-)
2-Hexanone
Concen: 272.94 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

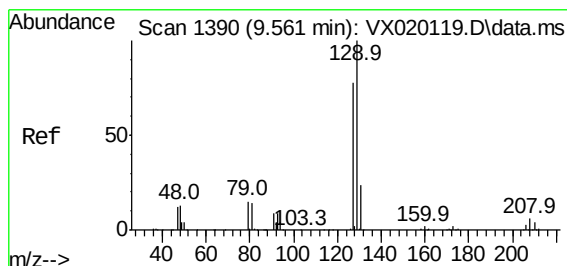
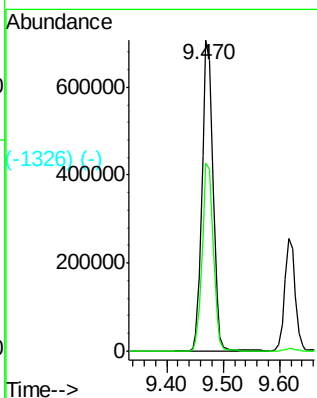
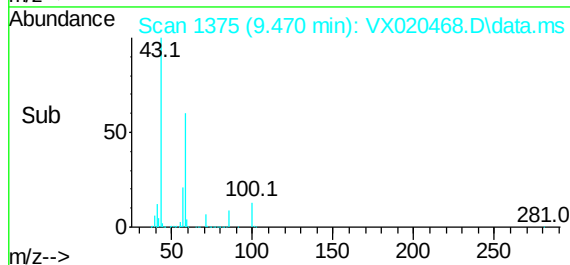
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 941252
Ion Ratio Lower Upper
43 100
58 61.2 30.9 92.8

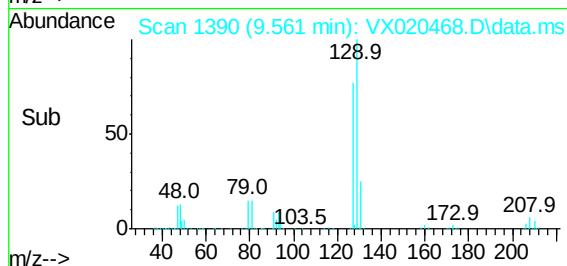
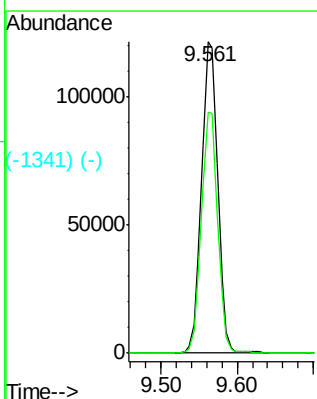
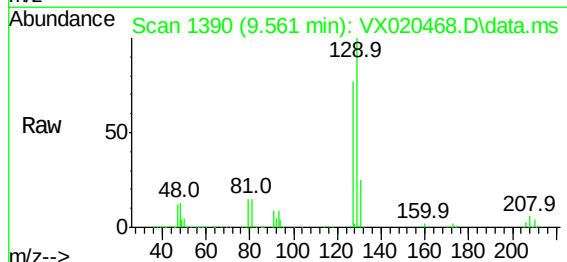
Manual Integrations
APPROVED

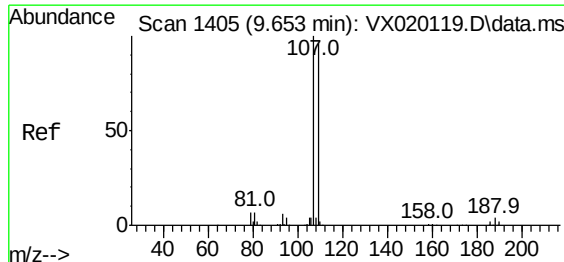
MMDadoda
12/31/2020 9:16:07 AM



#508 (-)
Dibromochloromethane
Concen: 51.43 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:129 Resp: 178136
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2



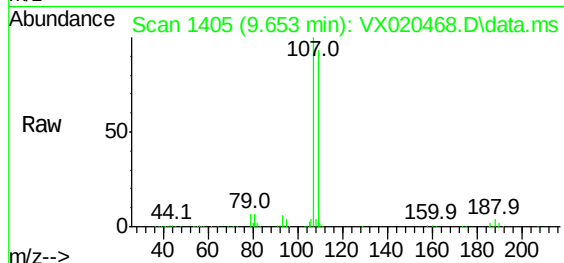


#697 (-)
1,2-Dibromoethane
Concen: 49.16 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

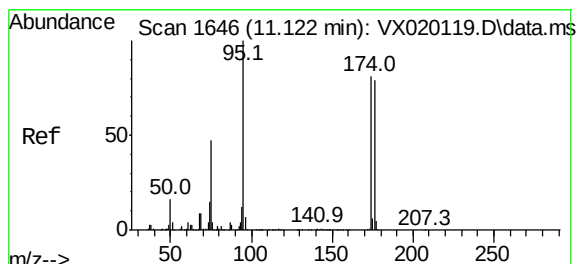
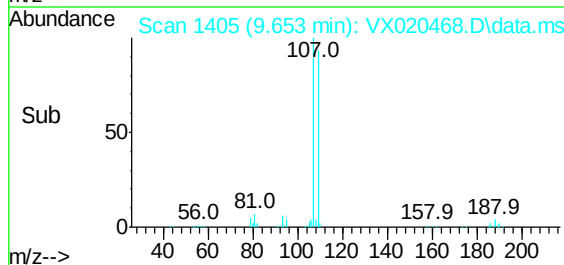
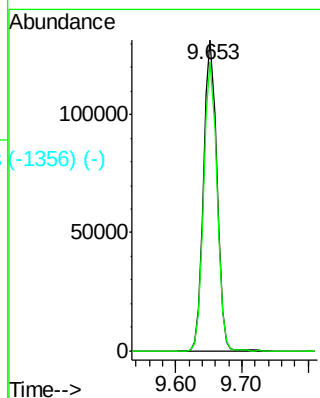
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM

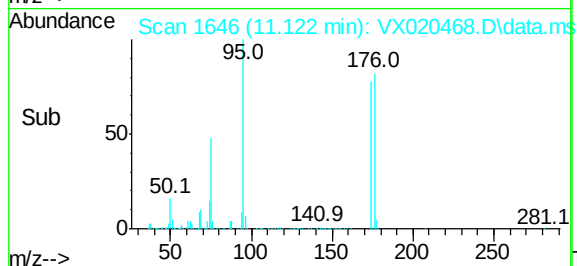
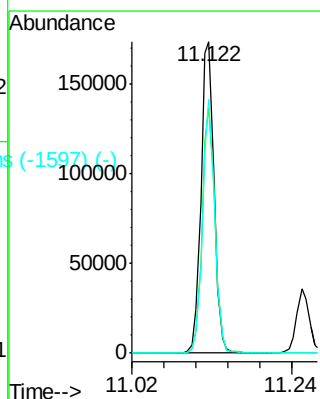
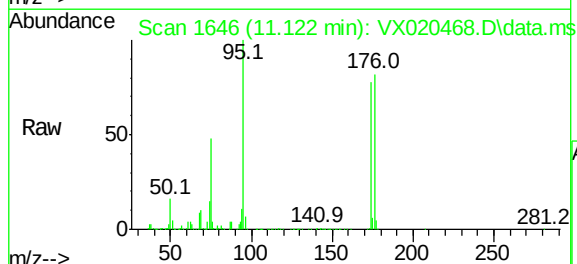


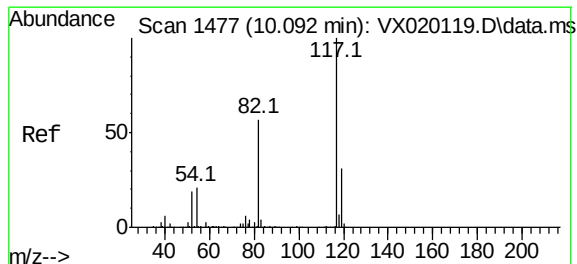
Tgt Ion:107 Resp: 179196
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6



#689 (-)
4-Bromofluorobenzene
Concen: 51.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

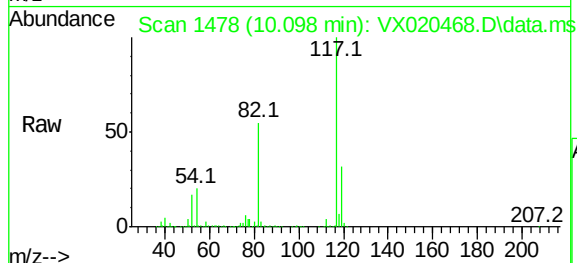
Tgt Ion: 95 Resp: 218825
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 76.3 0.0 155.8





#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

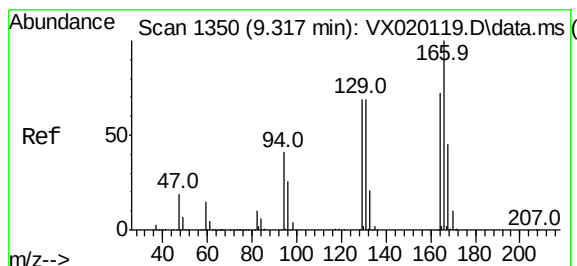
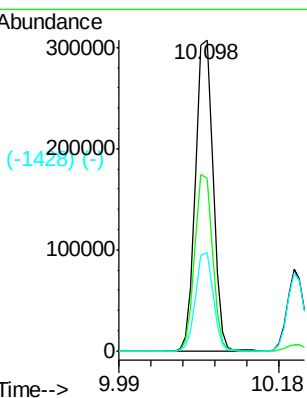
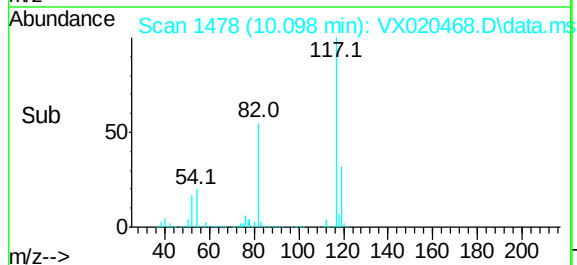
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



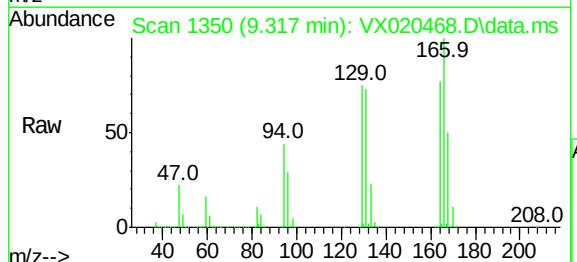
Tgt Ion:	117	Resp:	424553
Ion Ratio	Lower	Upper	
117	100		
82	55.3	47.4	71.2
119	31.7	26.6	39.8

Manual Integrations
APPROVED

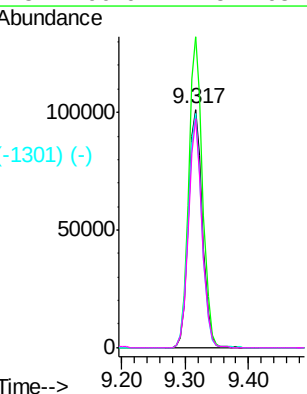
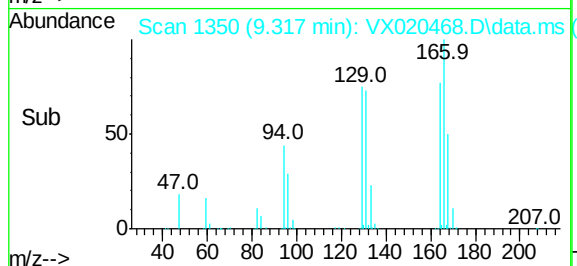
MMDadoda
12/31/2020 9:16:07 AM

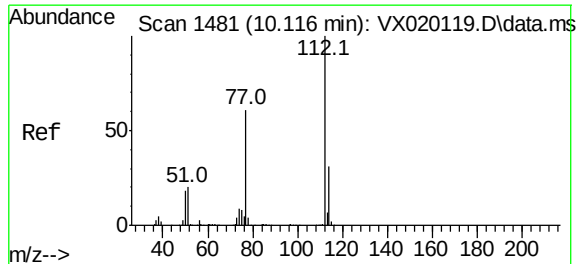


#642 (-)
Tetrachloroethene
Concen: 46.96 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02



Tgt Ion:	164	Resp:	150221
Ion Ratio	Lower	Upper	
164	100		
166	130.6	103.4	155.2
129	98.2	70.8	106.2
131	96.0	72.5	108.7



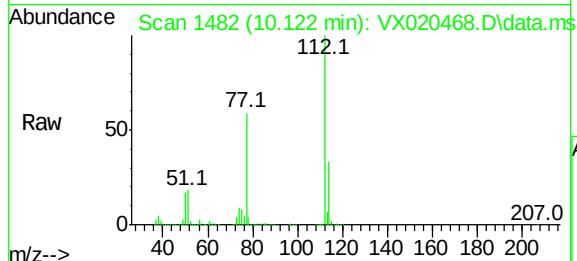


#6574 (-)
Chlorobenzene
Concen: 46.22 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

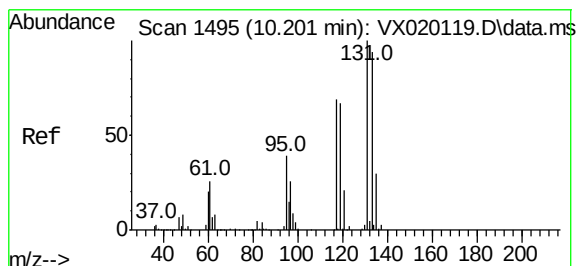
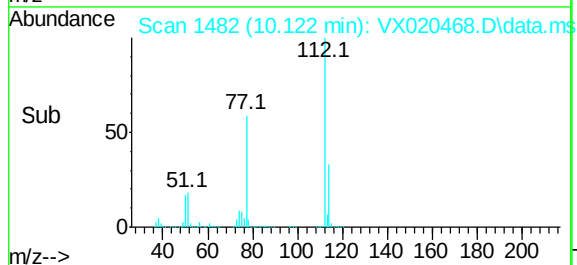
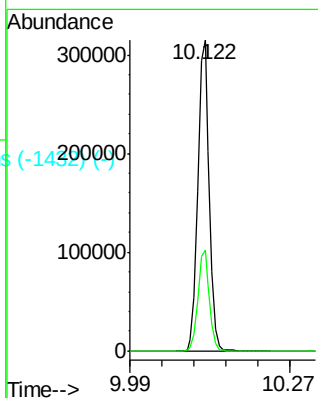
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM

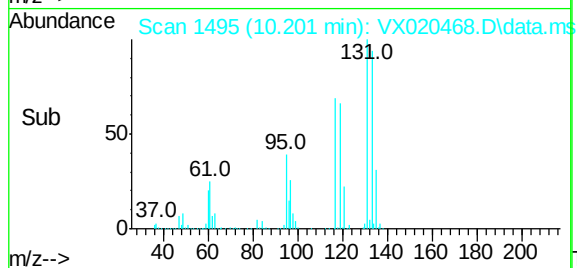
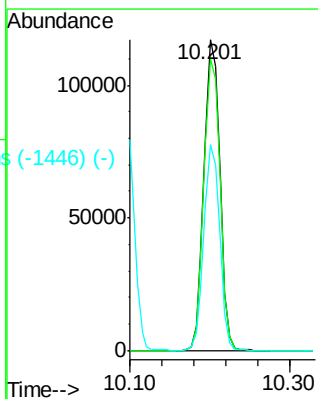
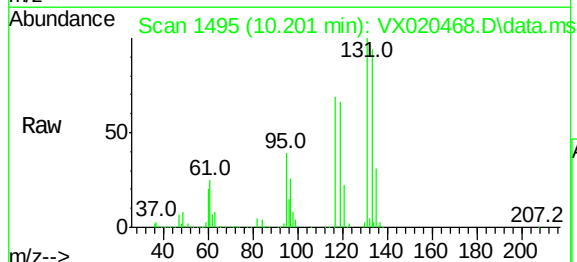


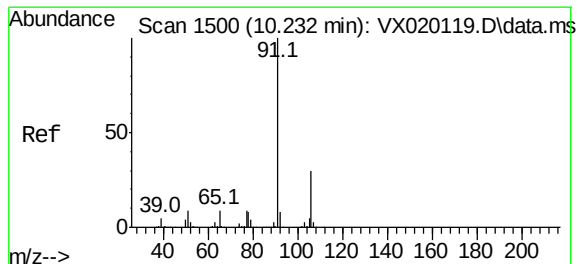
Tgt Ion:112 Resp: 421023
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#6588 (-)
1,1,1,2-Tetrachloroethane
Concen: 49.43 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:131 Resp: 161568
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.5 32.1 96.5





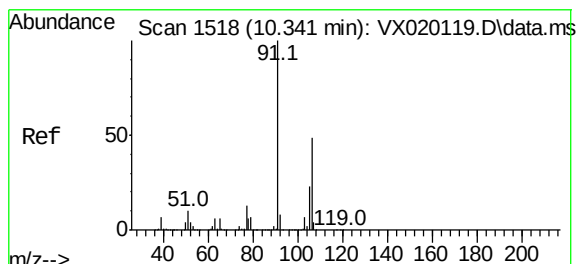
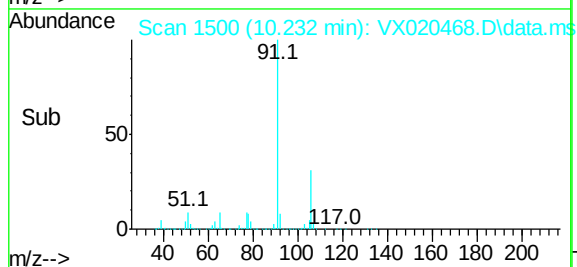
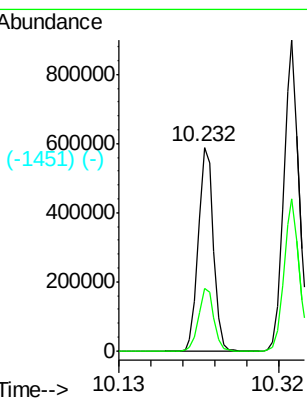
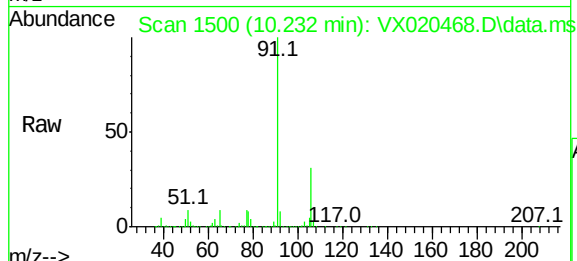
Ethyl Benzene
 Concen: 48.47 ug/l
 RT: 10.232 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	91	Resp:	771711
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.6	37.0

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

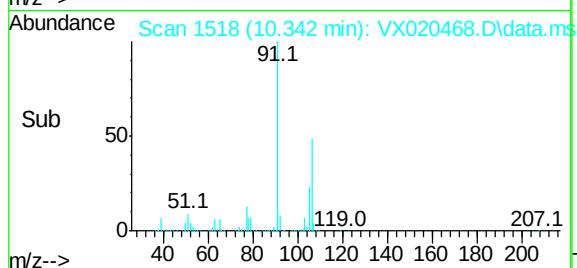
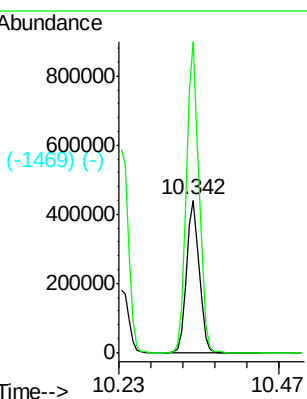
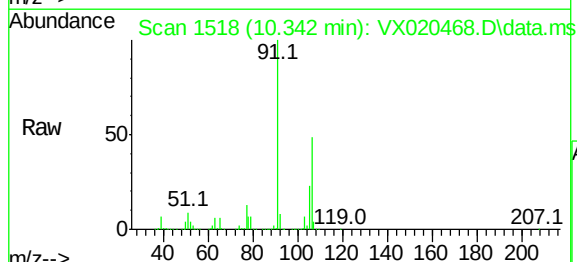
Manual Integrations
 APPROVED

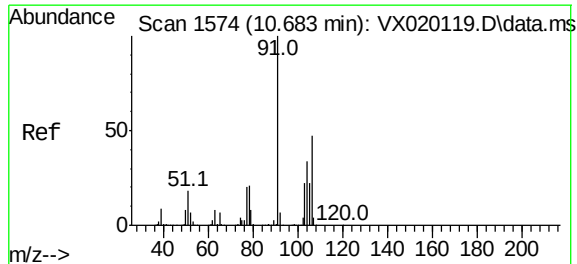
MMDadoda
 12/31/2020 9:16:07 AM



m/p-Xylenes
 Concen: 97.63 ug/l
 RT: 10.342 min Scan# 1518
 Delta R.T. 0.001 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	106	Resp:	580330
Ion Ratio	Lower	Upper	
106	100		
91	203.9	162.8	244.2



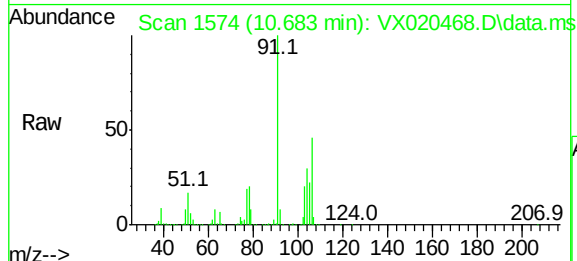


#667 (-)
o-Xylene
Concen: 48.85 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

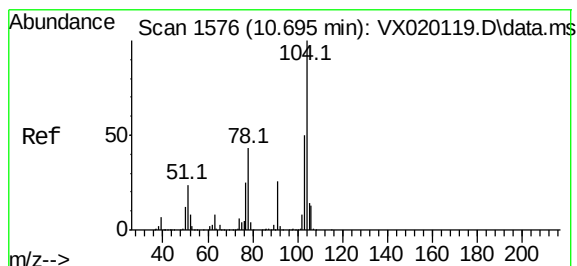
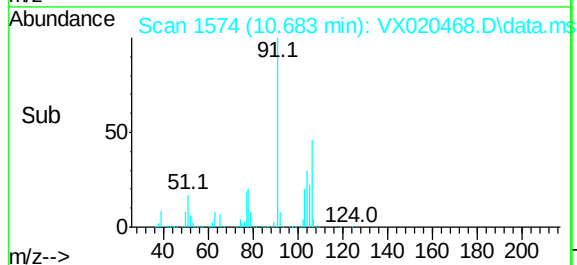
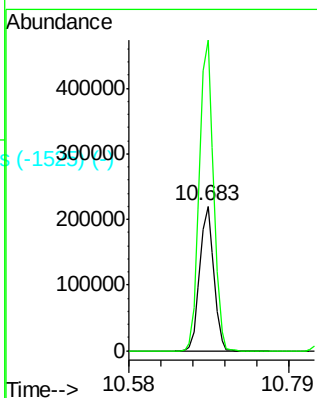
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM

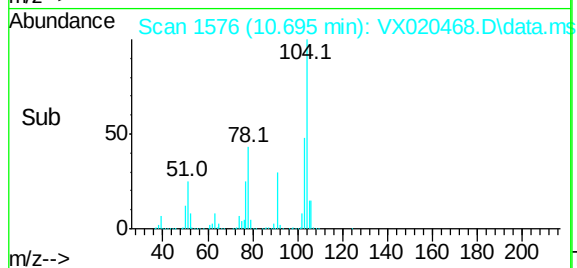
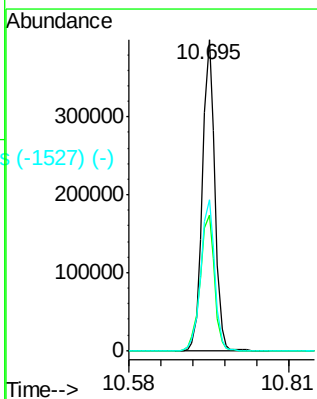
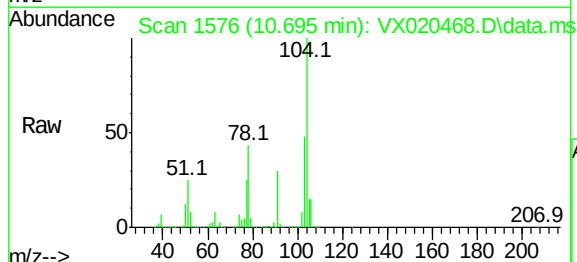


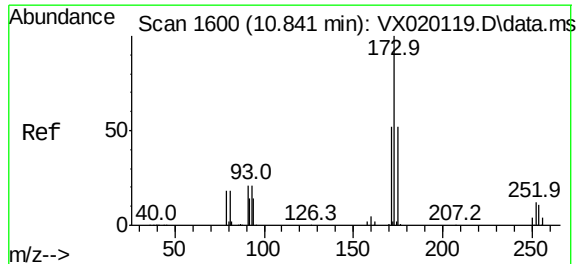
Tgt Ion:106 Resp: 279440
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2



#767 (-)
Styrene
Concen: 50.38 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:104 Resp: 487196
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 53.9 43.4 65.0





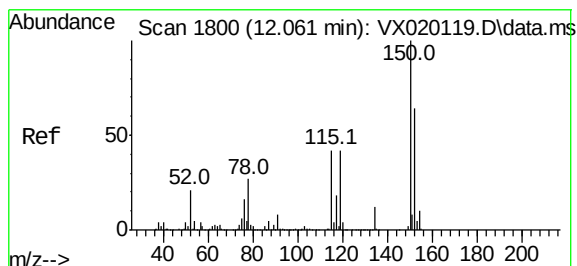
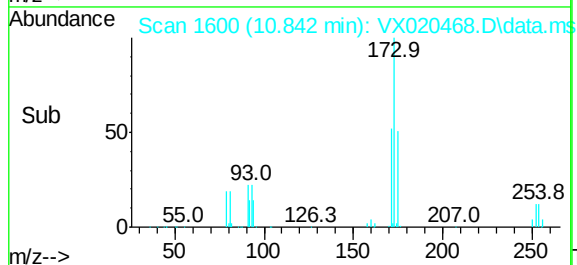
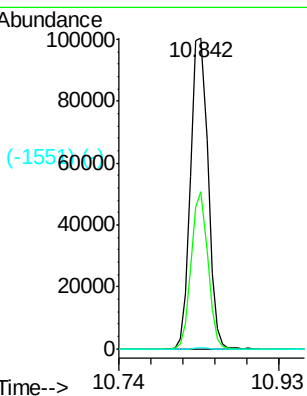
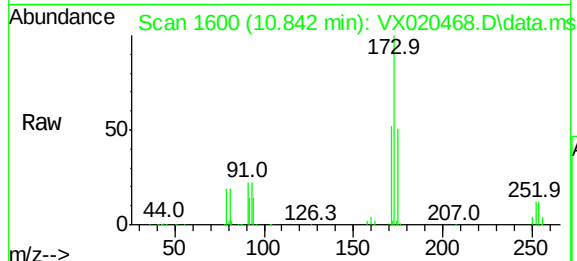
#193 (-)
Bromoform
Concen: 54.61 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	173	Resp:	138235
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.9	71.8
254	0.2	0.1	0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

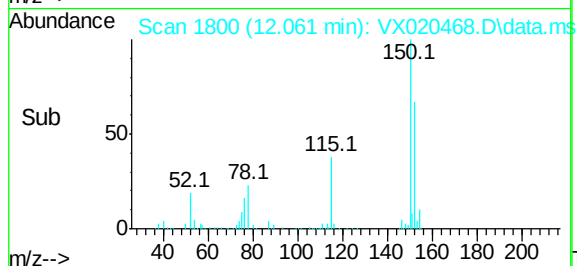
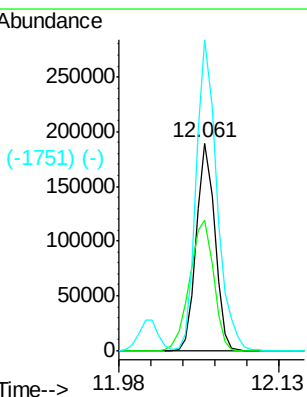
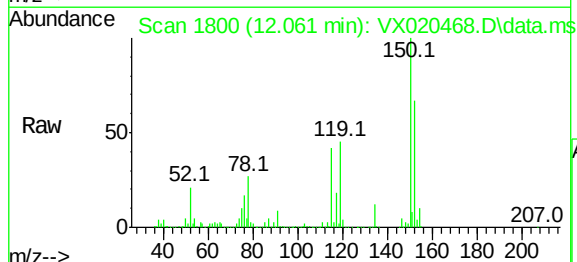
Manual Integrations
APPROVED

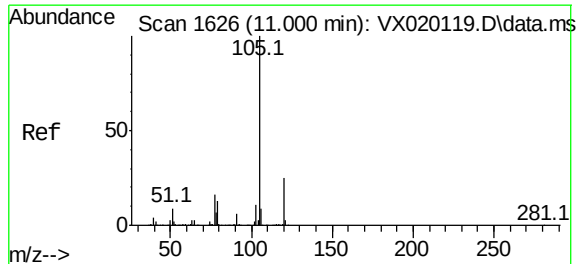
MMDadoda
12/31/2020 9:16:07 AM



#194 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

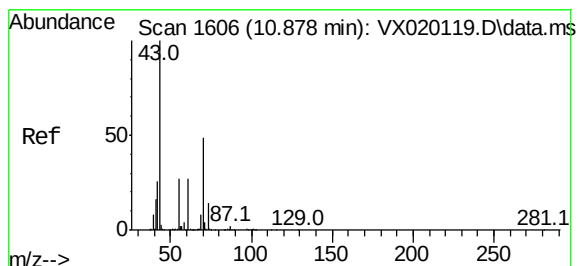
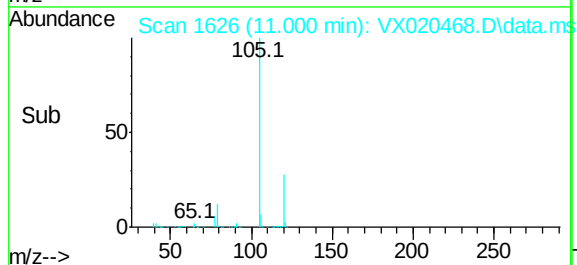
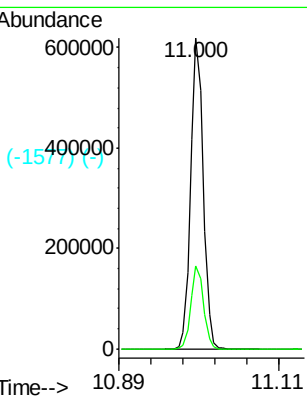
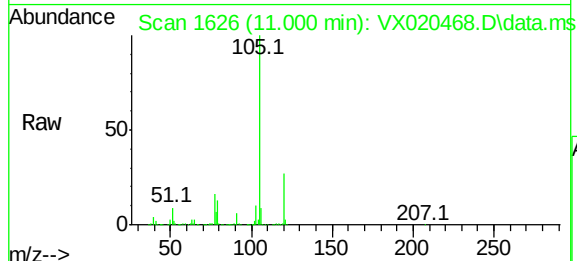
Tgt Ion:	152	Resp:	220158
Ion Ratio	Lower	Upper	
152	100		
115	81.2	41.1	123.3
150	168.5	0.0	349.0





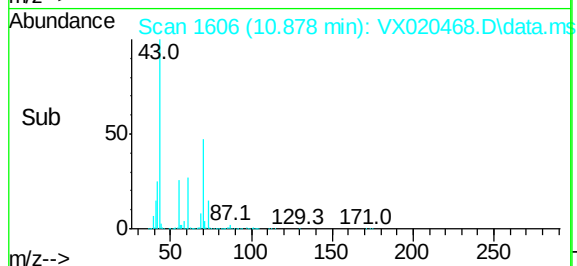
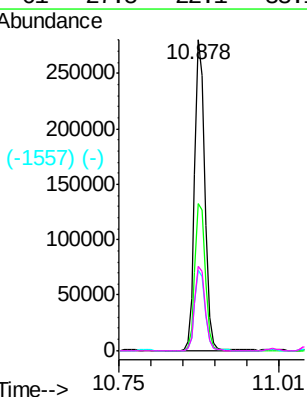
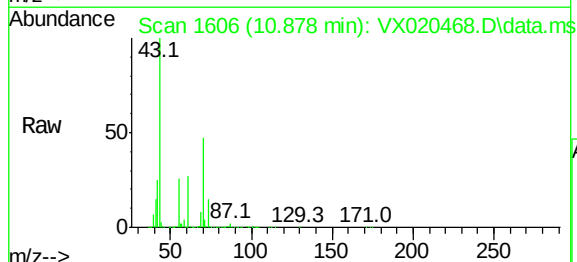
#1618 (-)
Isopropylbenzene
Concen: 47.42 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion: 105 Resp: 753422
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#1600 (-)
N-ethyl acetate
Concen: 51.49 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

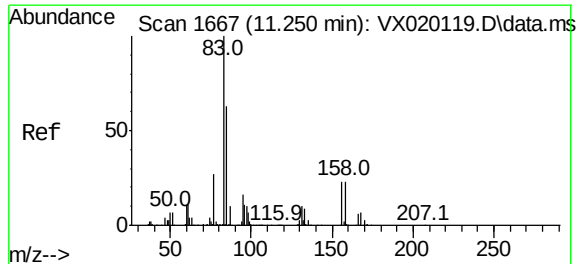
Tgt Ion: 43 Resp: 329788
Ion Ratio Lower Upper
43 100
70 48.4 39.0 58.6
55 26.4 21.5 32.3
61 27.5 22.1 33.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



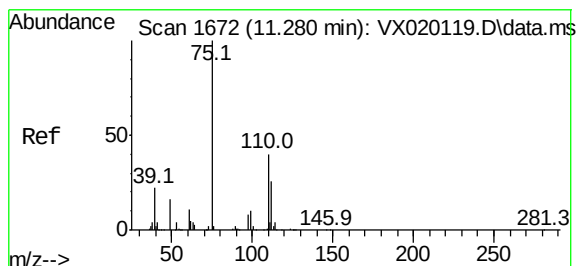
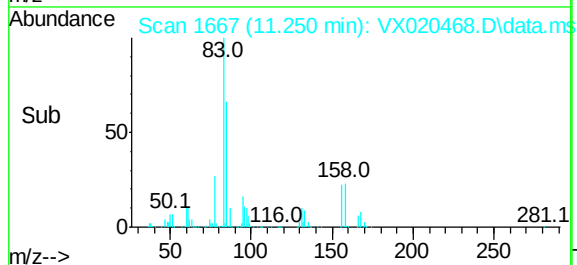
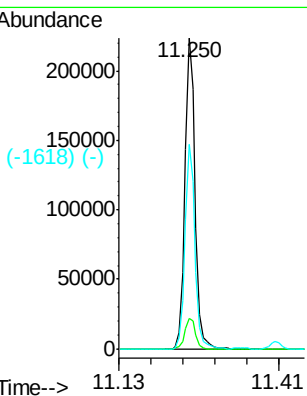
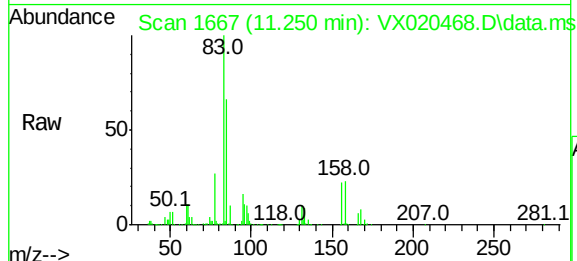
#1660 (-)
1,1,2,2-Tetrachloroethane
Concen: 47.85 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	83	Resp:	276082
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.2
85	64.7	31.8	95.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

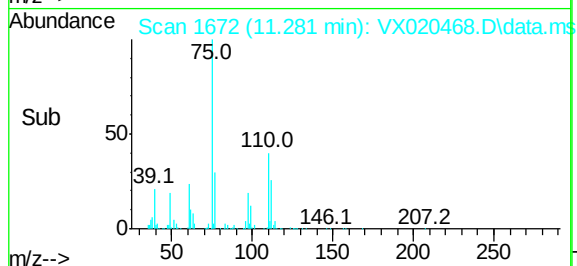
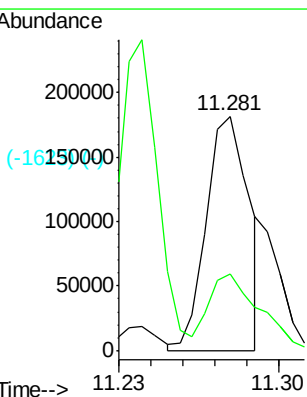
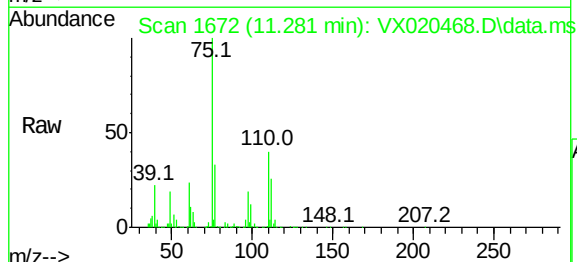
Manual Integrations
APPROVED

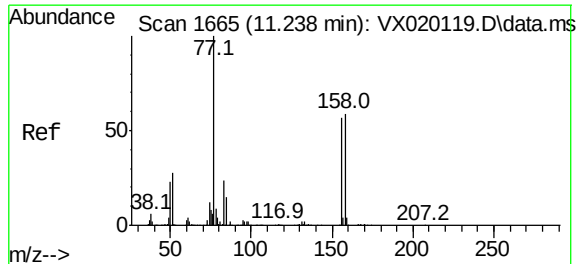
MMDadoda
12/31/2020 9:16:07 AM



#1667 (-)
1,2,3-Trichloropropane
Concen: 48.26 ug/l m
RT: 11.281 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	75	Resp:	261703
Ion	Ratio	Lower	Upper
75	100		
77	38.8	19.1	57.5





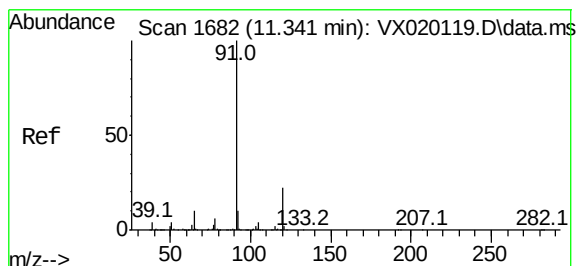
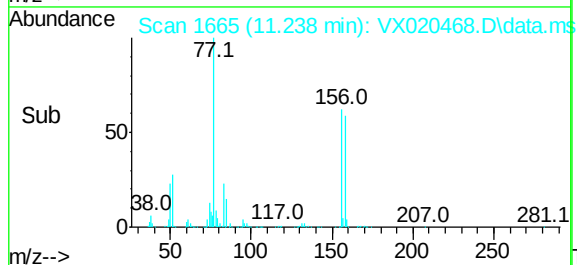
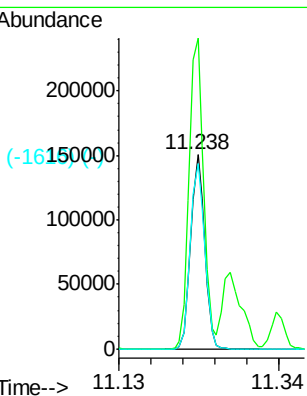
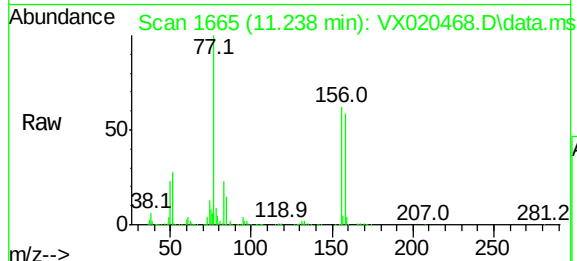
#1658 (-)
Bromobenzene
Concen: 45.12 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	156	Resp:	189489
Ion Ratio	Lower	Upper	
156	100		
77	167.3	82.8	248.6
158	98.3	49.1	147.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

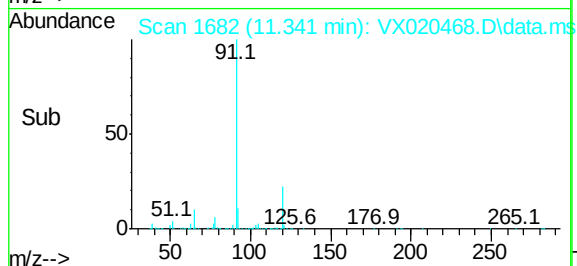
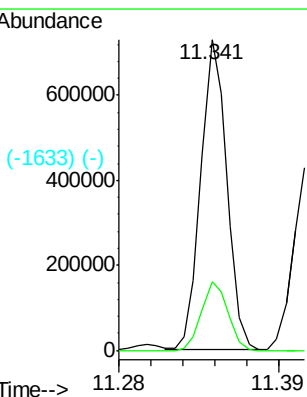
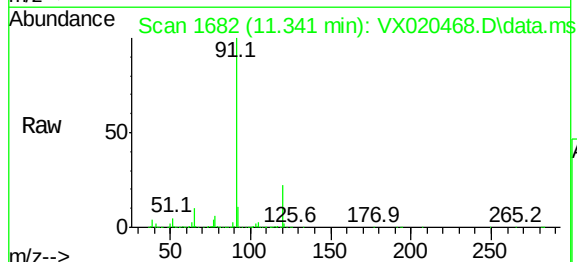
Manual Integrations
APPROVED

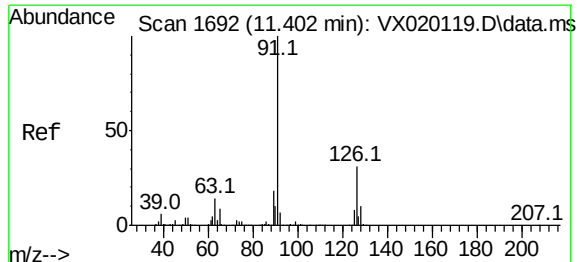
MMDadoda
12/31/2020 9:16:07 AM



#1677 (-)
n-propylbenzene
Concen: 47.08 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	91	Resp:	862114
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.5





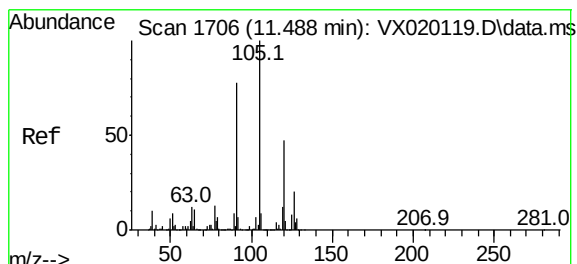
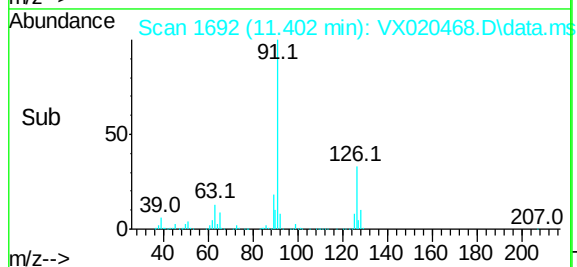
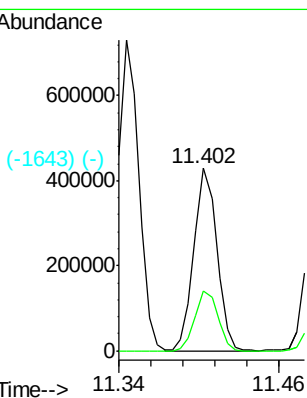
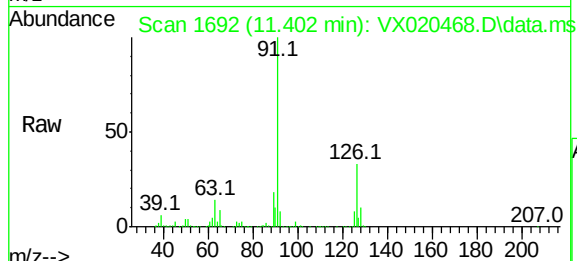
Scan 1692 (11.402 min): VX020119.D\data.ms
 #1687 (-)
 2-Chlorotoluene
 Concen: 45.99 ug/l
 RT: 11.402 min Scan# 1692
 Delta R.T. 0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	91	Resp:	525174
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.6	49.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

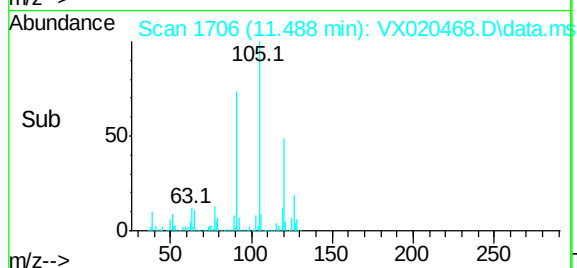
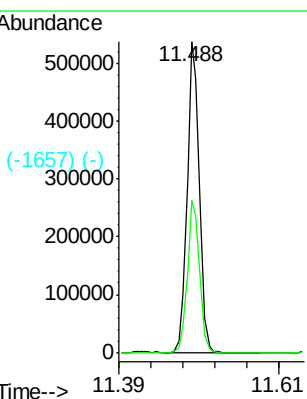
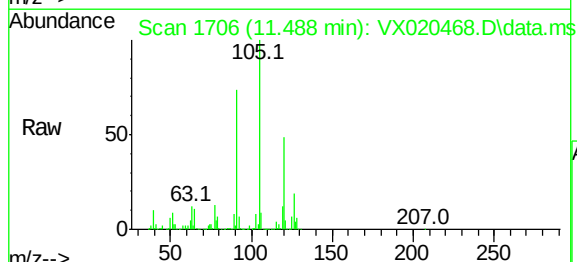
Manual Integrations
 APPROVED

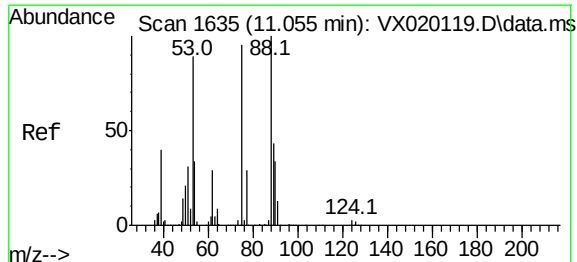
MMDadoda
 12/31/2020 9:16:07 AM



Scan 1706 (11.488 min): VX020119.D\data.ms
 #1690 (-)
 1,3,5-Trimethylbenzene
 Concen: 47.09 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion:	105	Resp:	634180
Ion Ratio	Lower	Upper	
105	100		
120	48.9	23.8	71.5



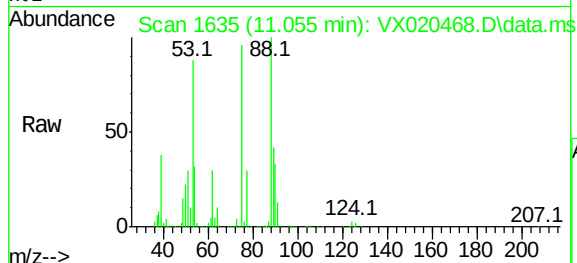


#830 (-)
trans-1,4-Dichloro-2-butene
Concen: 50.42 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

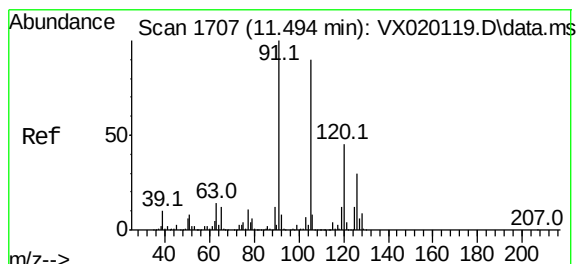
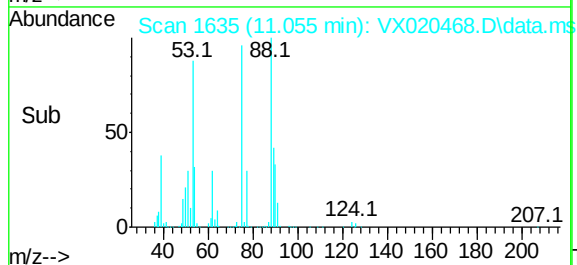
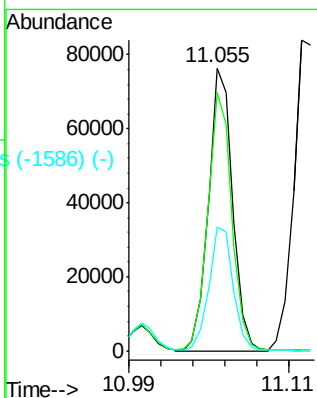
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM

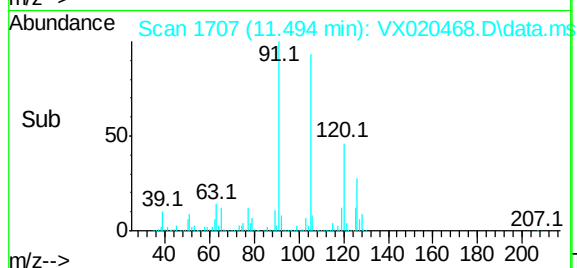
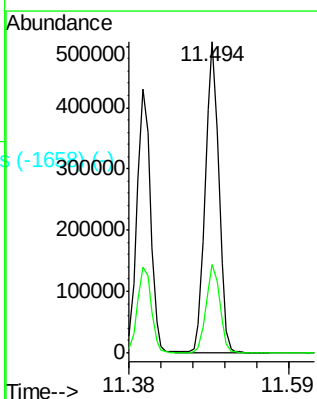
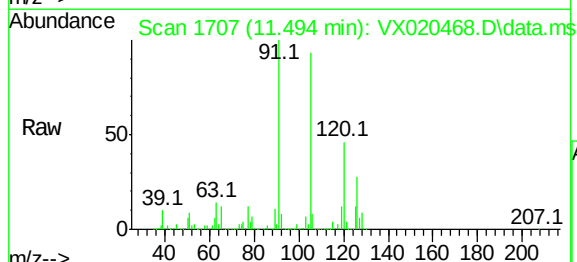


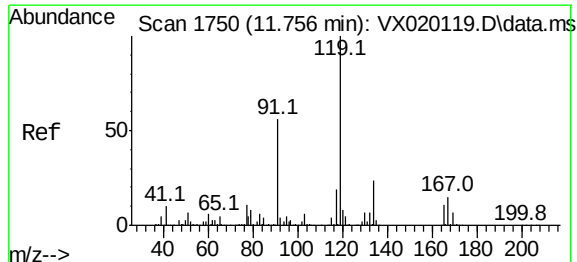
Tgt Ion:	75	Resp:	92166
Ion	Ratio	Lower	Upper
75	100		
53	91.2	74.5	111.7
89	44.5	37.9	56.9



#839 (-)
4-Chlorotoluene
Concen: 46.53 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	91	Resp:	620593
Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.9	44.5





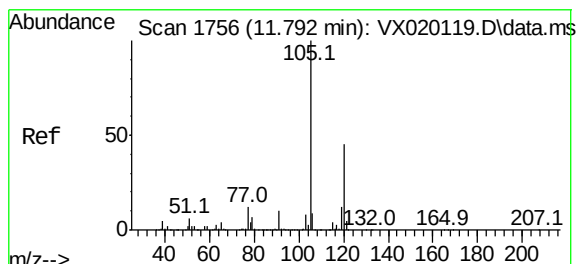
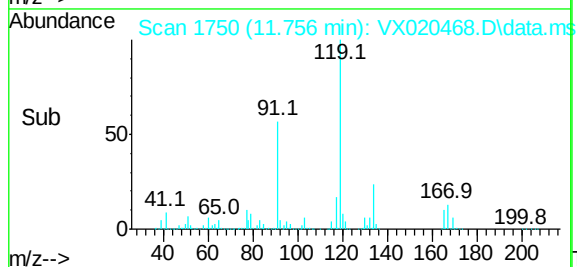
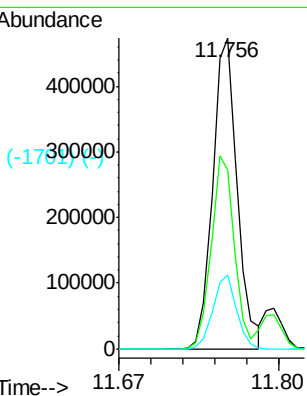
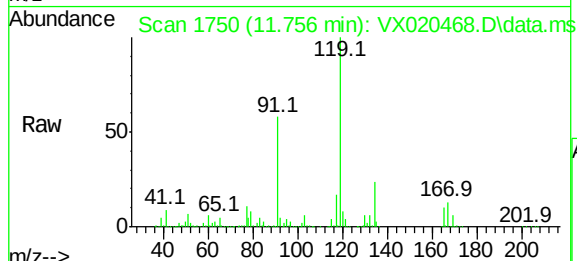
#842 (-)
tert-Butylbenzene
Concen: 48.55 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	119	Resp:	627519
Ion Ratio	Lower	Upper	
119	100		
91	58.3	27.9	83.7
134	22.6	11.3	33.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

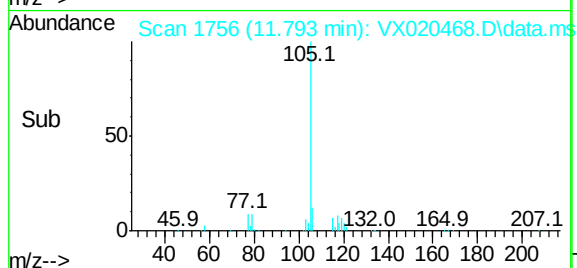
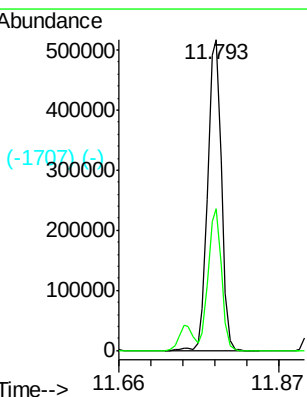
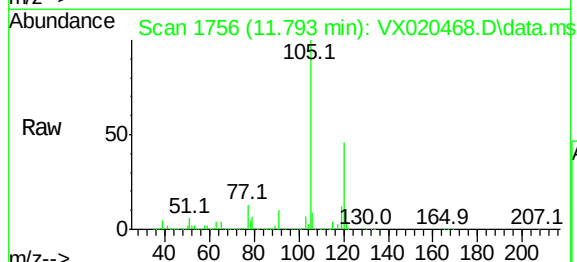
Manual Integrations
APPROVED

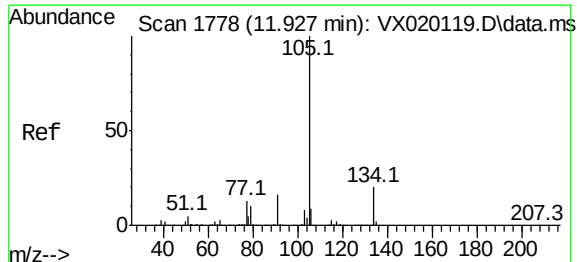
MMDadoda
12/31/2020 9:16:07 AM



#845 (-)
1,2,4-Trimethylbenzene
Concen: 47.81 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	105	Resp:	653554
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.4	67.3





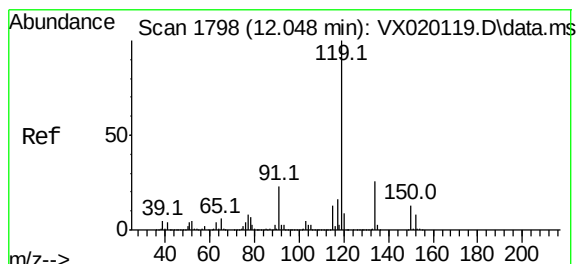
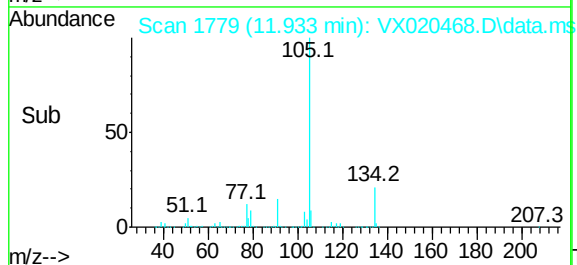
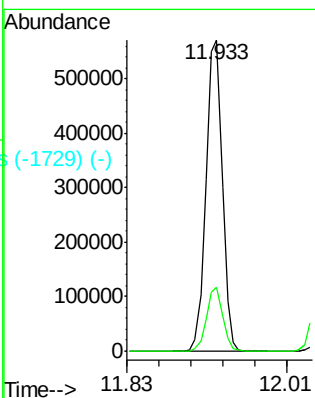
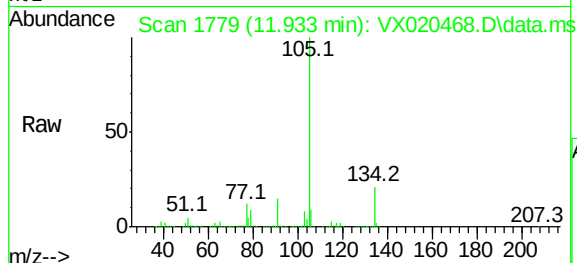
#85 (-)
 sec-Butylbenzene
 Concen: 48.42 ug/l
 RT: 11.933 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 105 Resp: 722234
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

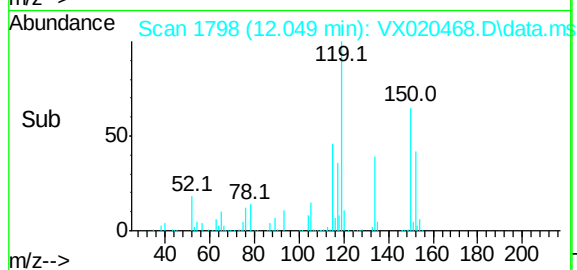
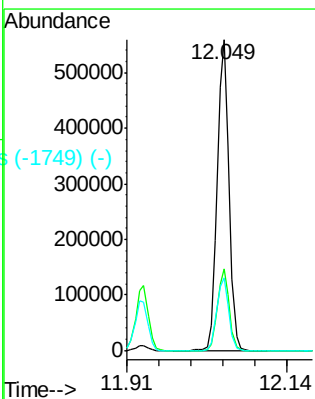
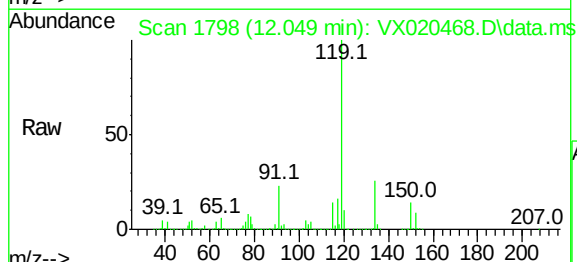
Manual Integrations
 APPROVED

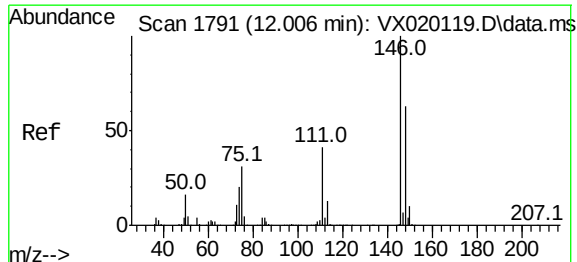
MMDadoda
 12/31/2020 9:16:07 AM



#86 (-)
 p-Isopropyltoluene
 Concen: 48.21 ug/l
 RT: 12.049 min Scan# 1798
 Delta R.T. 0.001 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 119 Resp: 663141
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 23.7 11.7 35.0





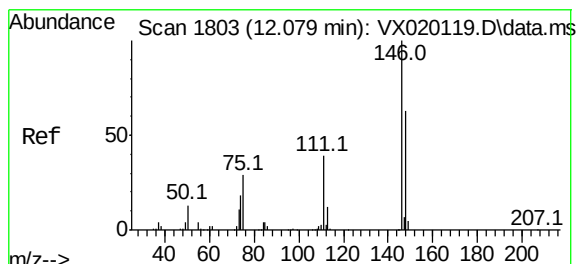
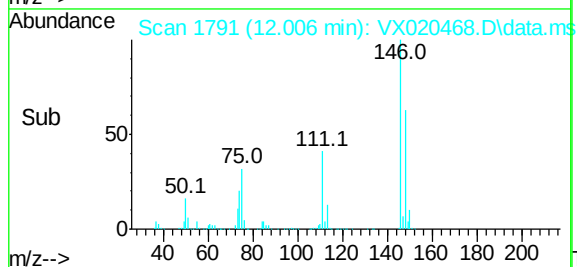
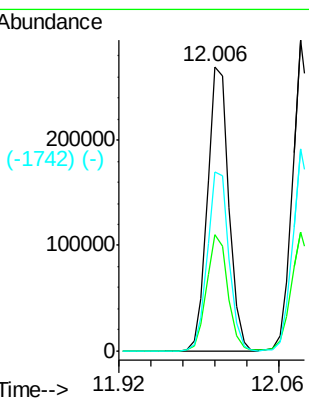
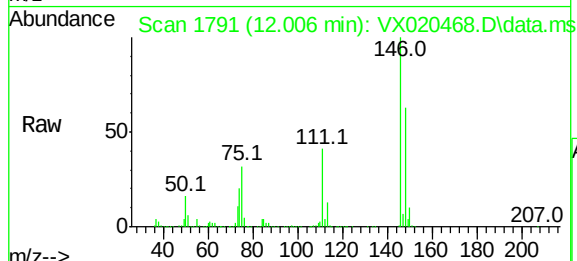
#8785 (-)
1,3-Dichlorobenzene
Concen: 45.65 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	146	Resp:	342788
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	63.6	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

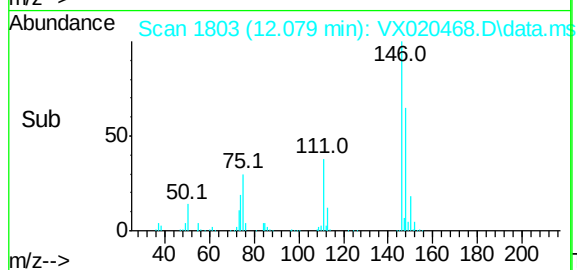
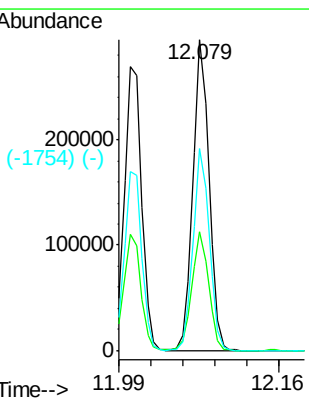
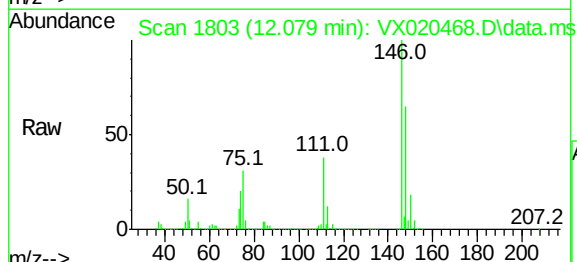
Manual Integrations
APPROVED

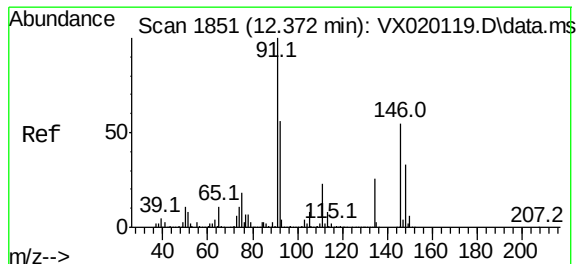
MMDadoda
12/31/2020 9:16:07 AM



#8788 (-)
1,4-Dichlorobenzene
Concen: 43.62 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	146	Resp:	341737
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	65.2	31.6	95.0





Scan 1851 (12.372 min): VX020119.D\data.ms (-1843) (-)
 n-Butylbenzene
 Concen: 48.56 ug/l
 RT: 12.372 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

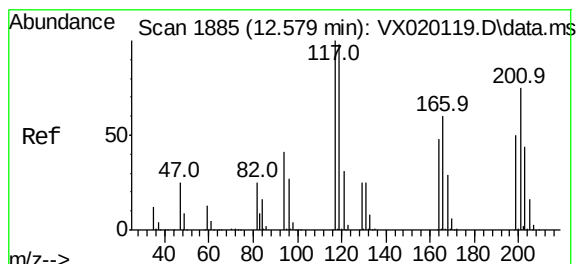
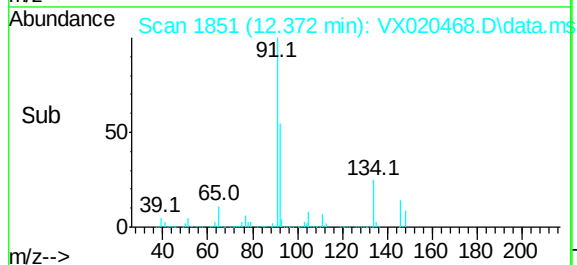
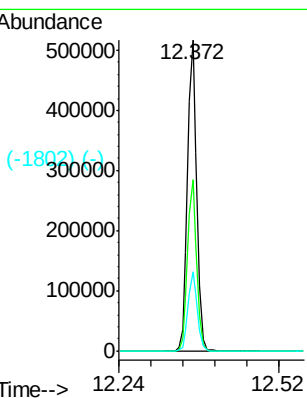
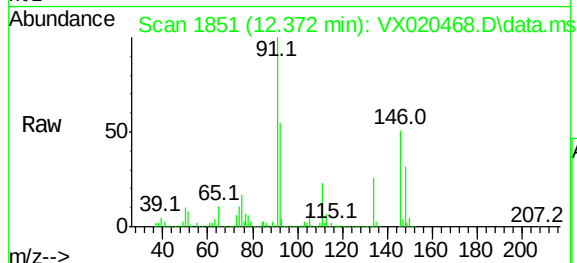
Tgt Ion: 91 Resp: 585173

Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.0
134	25.4	13.2	39.5

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

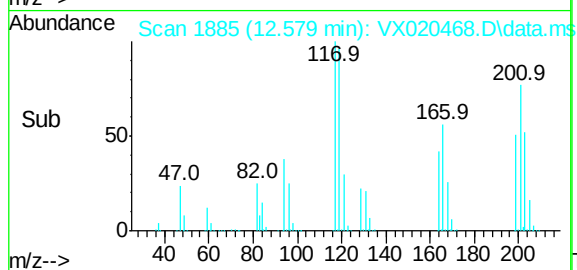
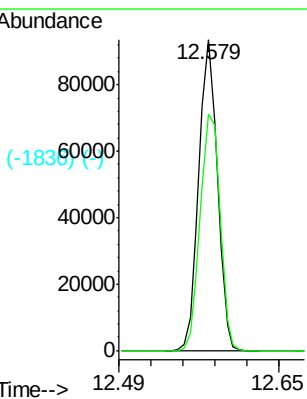
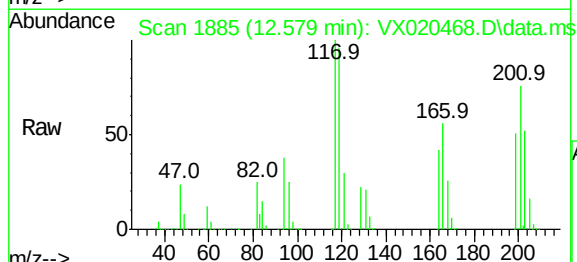
MMDadoda
 12/31/2020 9:16:07 AM

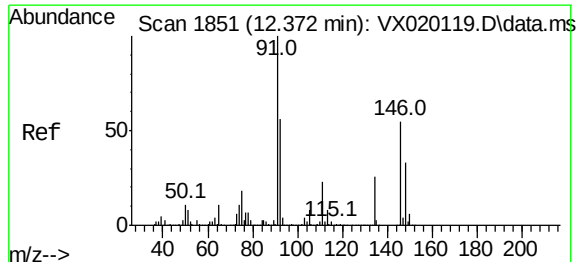


Scan 1885 (12.579 min): VX020119.D\data.ms (-1875) (-)
 Hexachloroethane
 Concen: 49.70 ug/l
 RT: 12.579 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VX020468.D
 Acq: 30 Dec 2020 20:02

Tgt Ion: 117 Resp: 117942

Ion	Ratio	Lower	Upper
117	100		
201	81.4	40.4	121.2





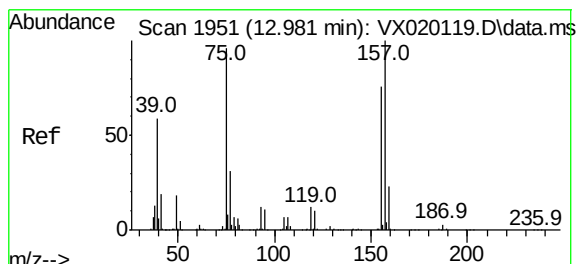
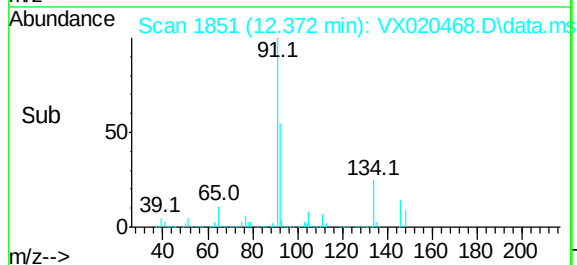
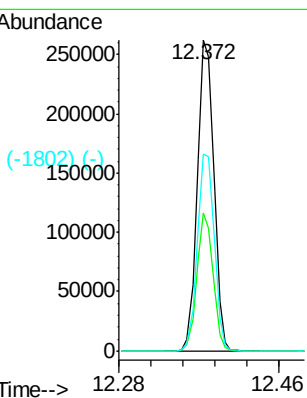
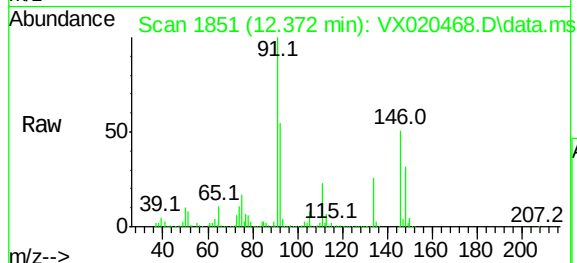
1,2-Dichlorobenzene
Concen: 45.33 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	146	Resp:	338709
Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.2
148	64.8	31.9	95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

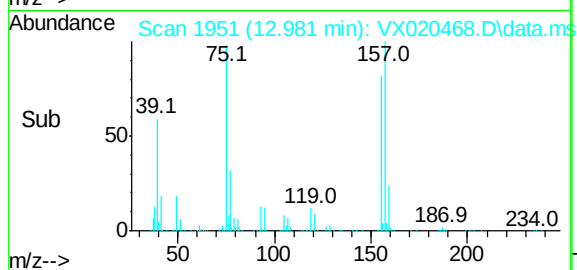
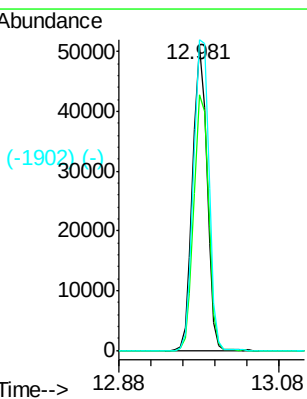
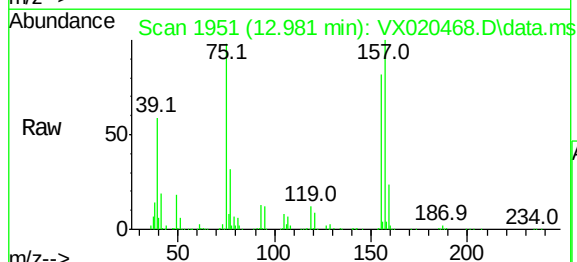
Manual Integrations
APPROVED

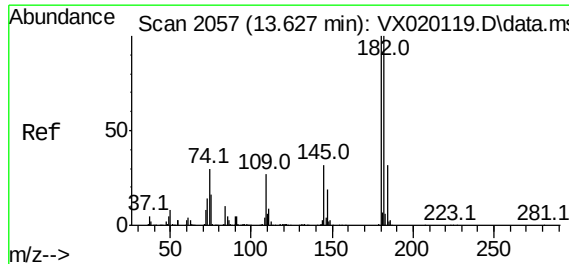
MMDadoda
12/31/2020 9:16:07 AM



1,2-Dibromo-3-Chloropropane
Concen: 52.16 ug/l
RT: 12.981 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:	75	Resp:	63165
Ion	Ratio	Lower	Upper
75	100		
155	86.6	45.3	135.9
157	109.6	57.7	173.1





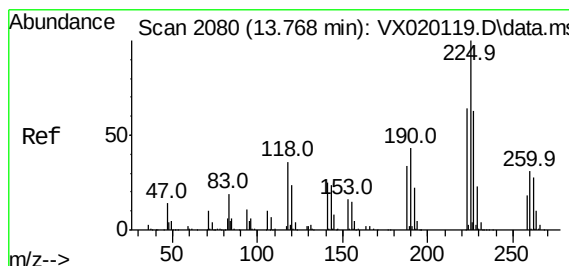
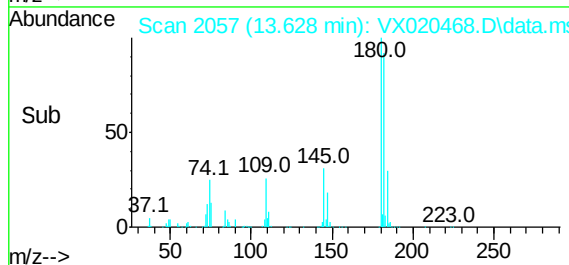
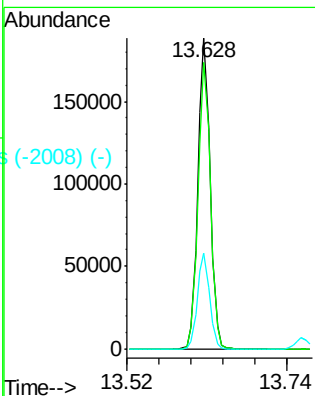
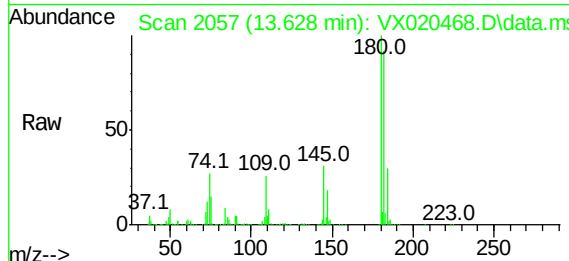
#9050 (-)
1,2,4-Trichlorobenzene
Concen: 46.69 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

Tgt Ion:180 Resp: 224326
Ion Ratio Lower Upper
180 100
182 93.4 47.7 143.1
145 30.4 15.0 45.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

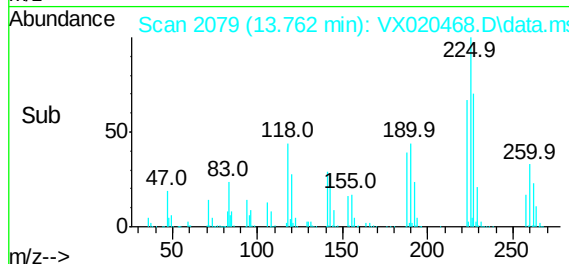
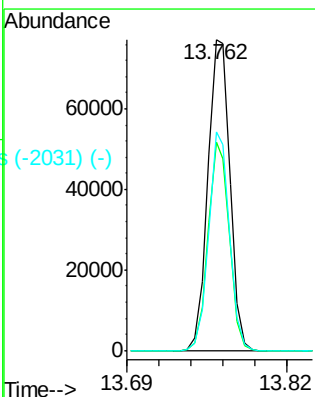
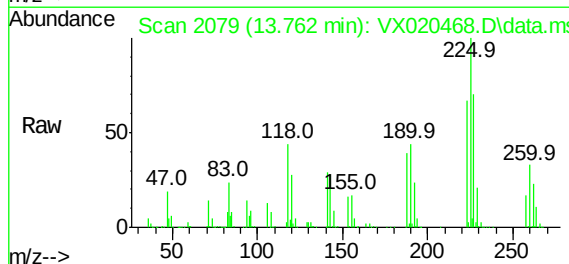
Manual Integrations
APPROVED

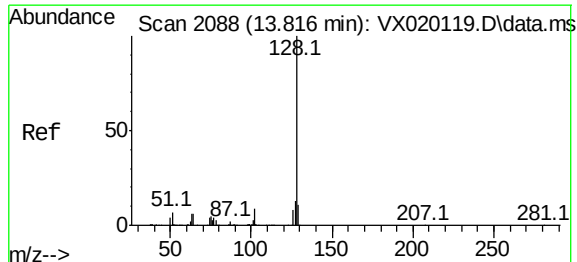
MMDadoda
12/31/2020 9:16:07 AM



#9073 (-)
Hexachlorobutadiene
Concen: 50.28 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

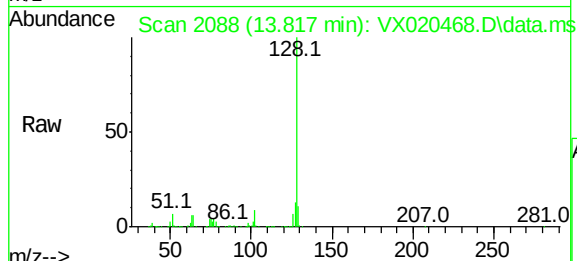
Tgt Ion:225 Resp: 101456
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.2
227 65.8 31.6 95.0





#95 (-)
Naphthalene
Concen: 50.64 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02

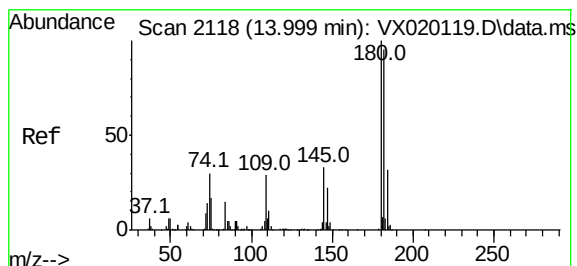
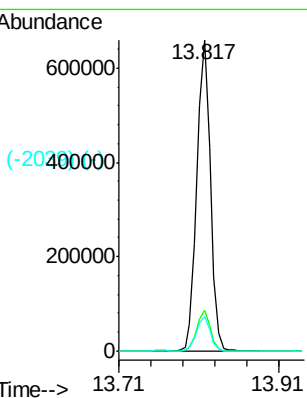
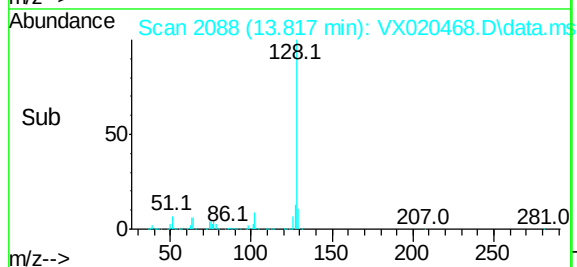
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



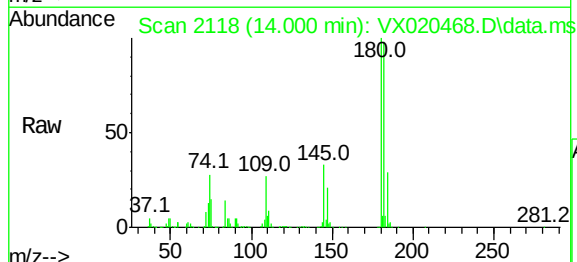
Tgt Ion:	128	Resp:	770599
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/31/2020 9:16:07 AM



#96 (-)
1,2,3-Trichlorobenzene
Concen: 47.57 ug/l
RT: 14.000 min Scan# 2118
Delta R.T. 0.001 min
Lab File: VX020468.D
Acq: 30 Dec 2020 20:02



Tgt Ion:	180	Resp:	226118
Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.6	142.9
145	32.2	16.1	48.3

