

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020330.D
 Acq On : 23 Dec 2020 12:00
 Operator : JC/MD
 Sample : VX1223WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/24/2020 11:30:06 AM

Quant Time: Dec 24 00:14:43 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	5.623	168	229016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	376873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	359941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	152587	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%
35) Dibromofluoromethane	5.458	113	120622	50.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.06%
50) Toluene-d8	8.696	98	459004	49.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.92%
62) 4-Bromofluorobenzene	11.122	95	177708	50.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	47170	18.96	ug/l	99
3) Chloromethane	1.313	50	52164	18.09	ug/l	99
4) Vinyl Chloride	1.392	62	58229	18.53	ug/l	100
5) Bromomethane	1.618	94	21074	20.94	ug/l	93
6) Chloroethane	1.703	64	38443	19.65	ug/l	99
7) Trichlorofluoromethane	1.910	101	82674	20.46	ug/l	98
8) Diethyl Ether	2.166	74	36015	20.48	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	46461	20.32	ug/l	99
10) Methyl Iodide	2.489	142	54830	19.91	ug/l	98
11) Tert butyl alcohol	3.020	59	71142	103.49	ug/l	100
12) 1,1-Dichloroethene	2.349	96	46028	19.67	ug/l	95
13) Acrolein	2.270	56	36711	85.46	ug/l	98
14) Allyl chloride	2.703	41	80368	19.36	ug/l	99
15) Acrylonitrile	3.111	53	168999	106.86	ug/l	99
16) Acetone	2.416	43	141580	101.14	ug/l	100
17) Carbon Disulfide	2.544	76	122838	17.77	ug/l	99
18) Methyl Acetate	2.745	43	66671	21.35	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	179361	20.48	ug/l	99
20) Methylene Chloride	2.831	84	61134	19.37	ug/l	96
21) trans-1,2-Dichloroethene	3.136	96	55121	19.42	ug/l	99
22) Diisopropyl ether	3.825	45	177605	20.96	ug/l	92
23) Vinyl Acetate	3.782	43	759942	105.22	ug/l	99
24) 1,1-Dichloroethane	3.666	63	101417	20.32	ug/l	99
25) 2-Butanone	4.629	43	215150	105.60	ug/l	99
26) 2,2-Dichloropropane	4.544	77	80790	19.62	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	63665	19.87	ug/l	99
28) Bromochloromethane	4.971	49	39016	17.55	ug/l	95
29) Tetrahydrofuran	5.087	42	136848	106.77	ug/l	98
30) Chloroform	5.172	83	106138	20.89	ug/l	100
31) Cyclohexane	5.544	56	84048	19.86	ug/l	100
32) 1,1,1-Trichloroethane	5.458	97	87102	20.55	ug/l	99
36) 1,1-Dichloropropene	5.763	75	75203	20.19	ug/l	99
37) Ethyl Acetate	4.788	43	83490	21.57	ug/l	99
38) Carbon Tetrachloride	5.751	117	73757	20.82	ug/l	97
39) Methylcyclohexane	7.434	83	86519	20.12	ug/l	94
40) Benzene	6.105	78	236331	20.38	ug/l	100
41) Methacrylonitrile	5.001	41	45195	21.91	ug/l	99

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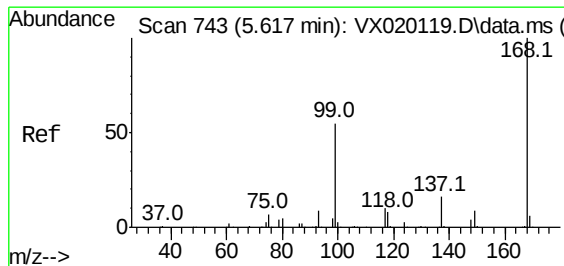
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.153	62	83757	21.06	ug/l	100
43) Isopropyl Acetate	6.409	43	129174	21.14	ug/l	99
44) Trichloroethene	7.184	130	59169	19.74	ug/l	96
45) 1,2-Dichloropropane	7.489	63	61140	20.86	ug/l	98
46) Dibromomethane	7.635	93	40905	20.41	ug/l	98
47) Bromodichloromethane	7.873	83	79998	20.93	ug/l	100
48) Methyl methacrylate	7.745	41	64023	21.38	ug/l	97
49) 1,4-Dioxane	7.714	88	30219	431.10	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	421583	111.44	ug/l	99
52) Toluene	8.763	92	146192	20.66	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	85441	20.33	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	94558	20.49	ug/l	98
55) 1,1,2-Trichloroethane	9.196	97	62315	21.35	ug/l	99
56) Ethyl methacrylate	9.159	69	90281	21.14	ug/l	100
57) 1,3-Dichloropropane	9.348	76	105847	21.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	198573	87.90	ug/l	98
59) 2-Hexanone	9.470	43	319223	110.73	ug/l	98
60) Dibromochloromethane	9.561	129	61038	21.08	ug/l	99
61) 1,2-Dibromoethane	9.653	107	64193	21.07	ug/l	100
64) Tetrachloroethene	9.318	164	55373	20.42	ug/l	98
65) Chlorobenzene	10.122	112	157231	20.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	58934	21.27	ug/l	99
67) Ethyl Benzene	10.232	91	284300	21.06	ug/l	99
68) m/p-Xylenes	10.342	106	210590	41.79	ug/l	97
69) o-Xylene	10.683	106	98921	20.40	ug/l	97
70) Styrene	10.695	104	173086	21.11	ug/l	100
71) Bromoform	10.842	173	43919	20.47	ug/l #	98
73) Isopropylbenzene	11.000	105	270036	20.65	ug/l	100
74) N-ethyl acetate	10.878	43	109754	20.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	101163	21.30	ug/l	100
76) 1,2,3-Trichloropropane	11.281	75	94745m	21.23	ug/l	
77) Bromobenzene	11.238	156	67072	19.41	ug/l	95
78) n-propylbenzene	11.342	91	319780	21.22	ug/l	98
79) 2-Chlorotoluene	11.402	91	194028	20.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	234465	21.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	29395	19.54	ug/l	96
82) 4-Chlorotoluene	11.494	91	226969	20.68	ug/l	98
83) tert-Butylbenzene	11.750	119	219877	20.67	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	236204	21.00	ug/l	99
85) sec-Butylbenzene	11.927	105	260474	21.22	ug/l	99
86) p-Isopropyltoluene	12.049	119	236014	20.85	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	123832	20.04	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	126181	19.57	ug/l	99
89) n-Butylbenzene	12.372	91	207185	20.89	ug/l	98
90) Hexachloroethane	12.579	117	38775	19.86	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	124419	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	20331	20.40	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	77441	19.59	ug/l	98
94) Hexachlorobutadiene	13.762	225	34412	22.28	ug/l	94
95) Naphthalene	13.817	128	250762	20.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	75014	19.18	ug/l	97

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

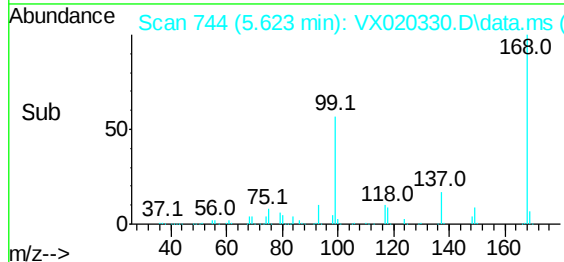
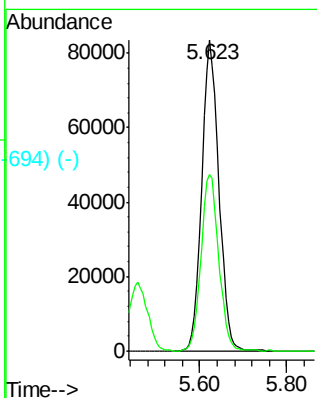
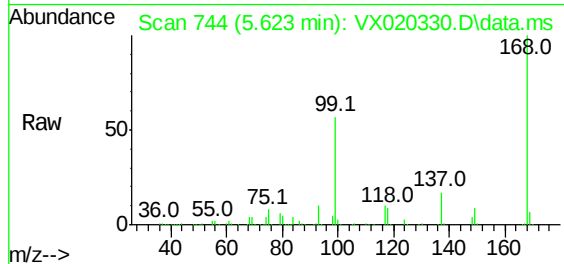
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Manual Integrations
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

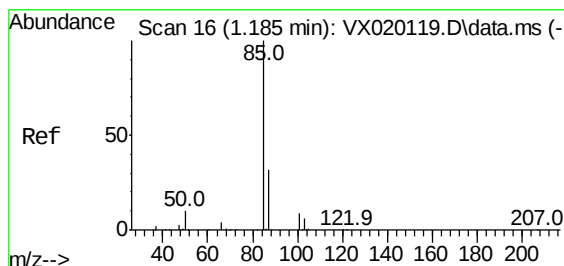
Tgt Ion: 168 Resp: 229016
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



Instrument :
MSVOA_X
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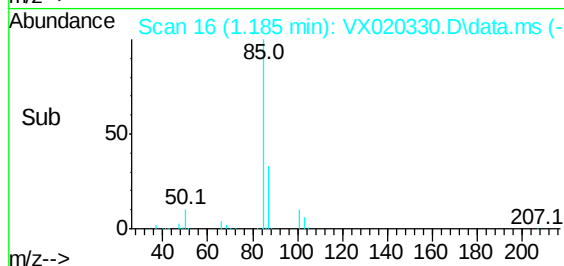
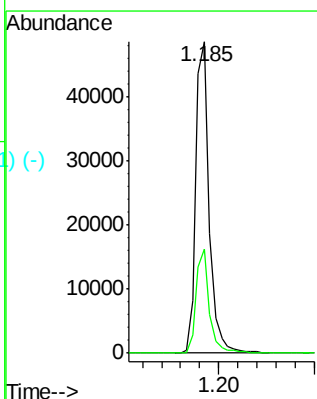
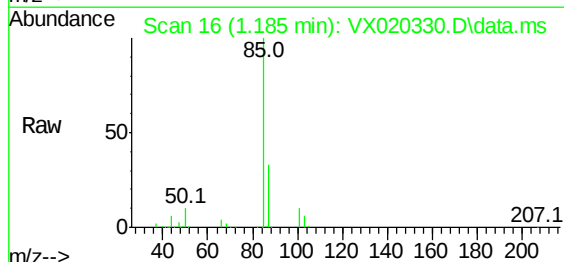
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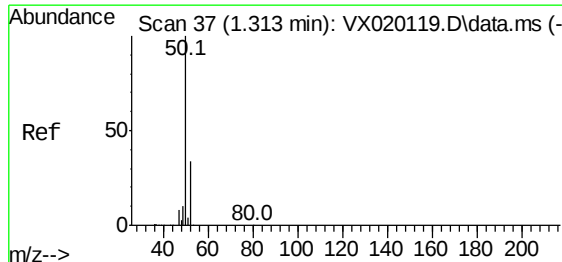
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Dichlorodifluoromethane
Concen: 18.96 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 85 Resp: 47170
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.2





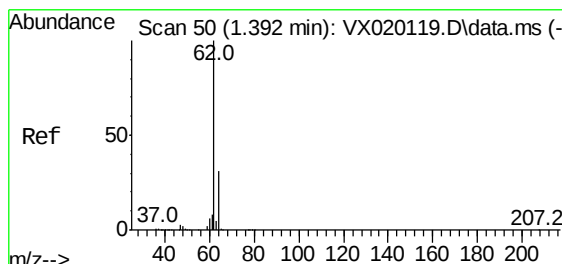
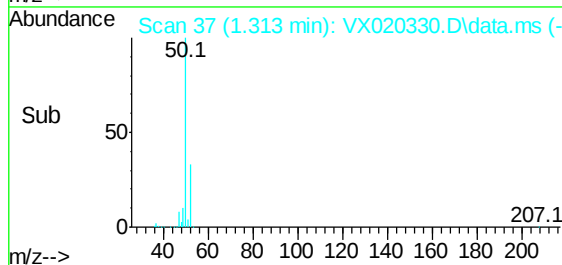
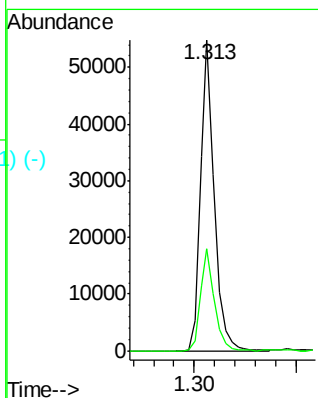
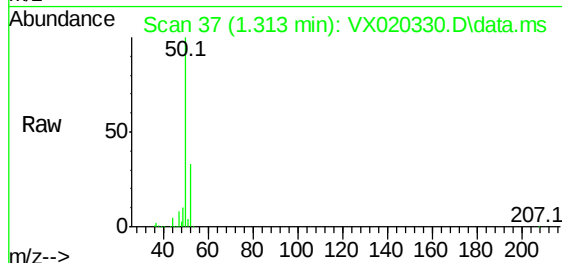
Chloromethane
 Concen: 18.09 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	50	Resp:	52164
Ion Ratio	Lower	Upper	
50	100		
52	32.7	26.4	39.6

Instrument :
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 VX1223WBSD01

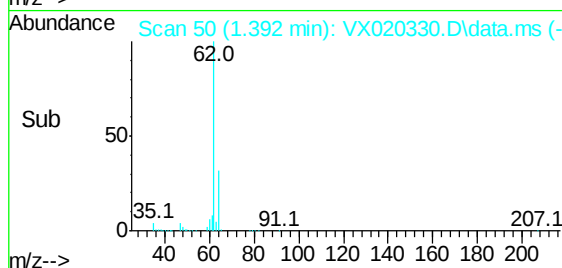
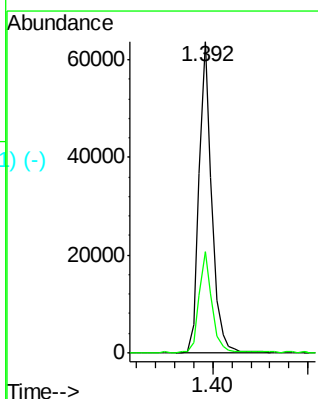
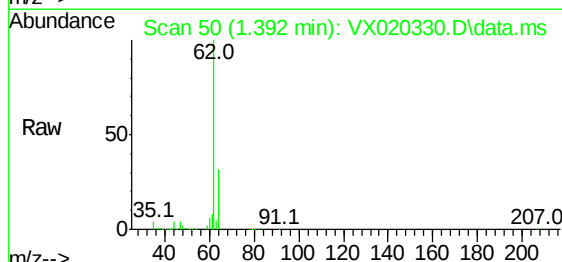
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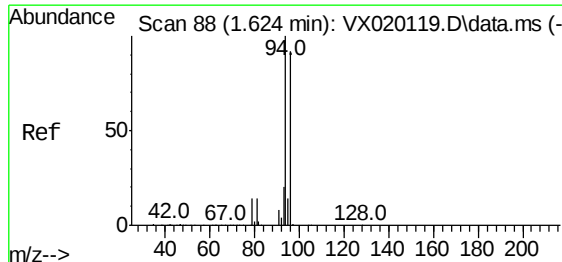
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Vinyl Chloride
 Concen: 18.53 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	62	Resp:	58229
Ion Ratio	Lower	Upper	
62	100		
64	32.2	25.7	38.5





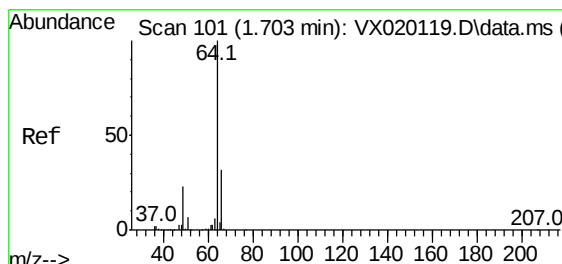
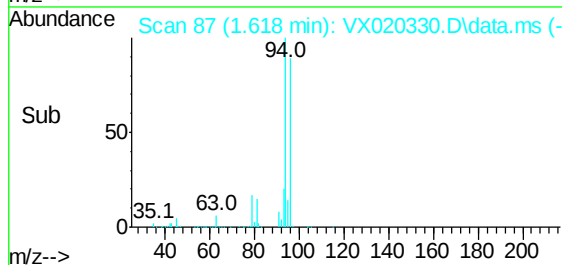
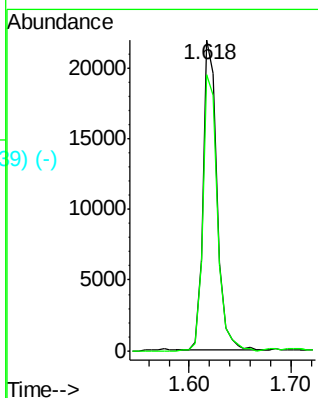
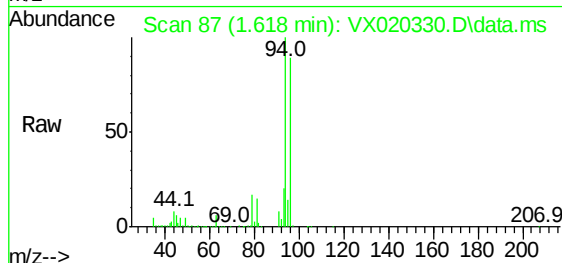
Bromomethane
Concen: 20.94 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 94 Resp: 21074
Ion Ratio Lower Upper
94 100
96 89.1 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

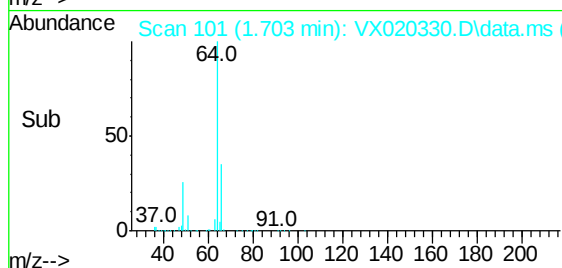
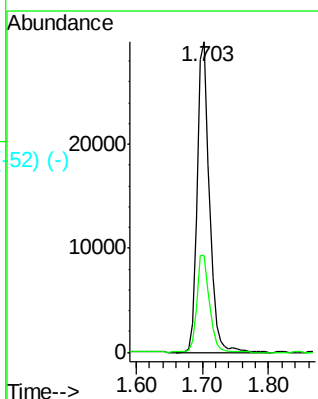
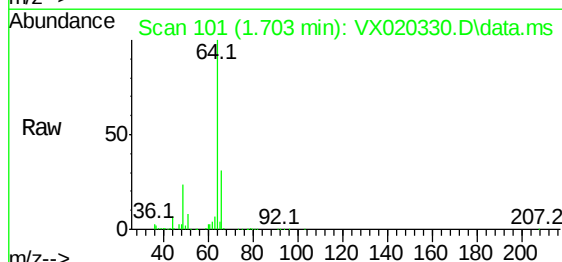
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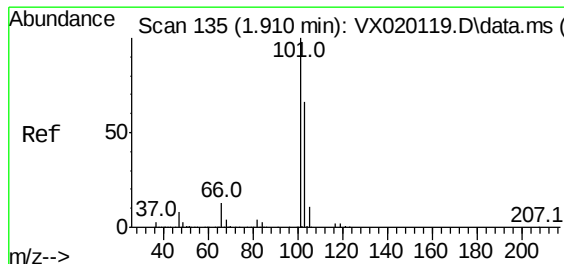
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12/24/2020 11:30:06 AM



Chloroethane
Concen: 19.65 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 64 Resp: 38443
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0





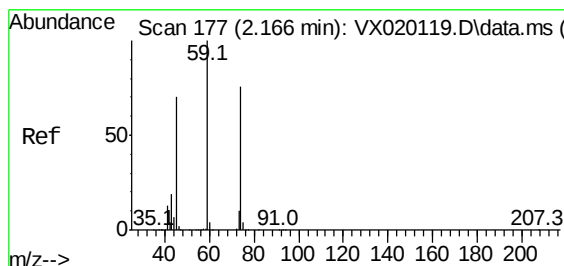
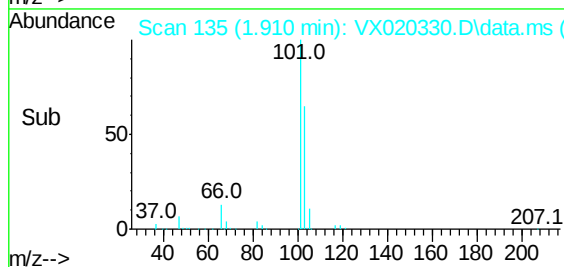
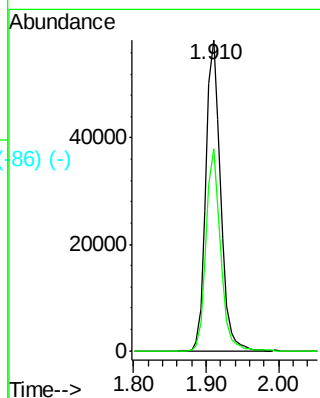
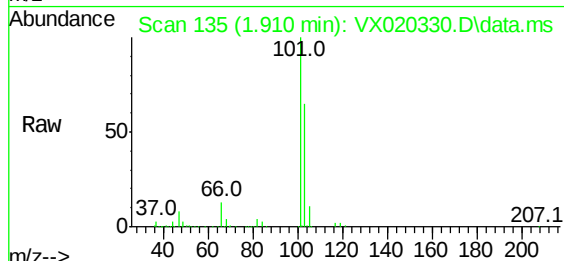
Trichlorofluoromethane
Concen: 20.46 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 101 Resp: 82674
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8

Instrument :
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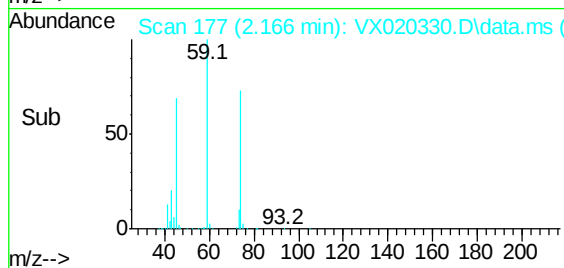
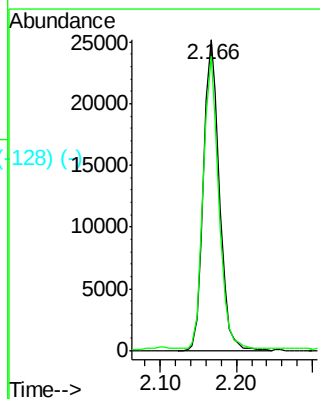
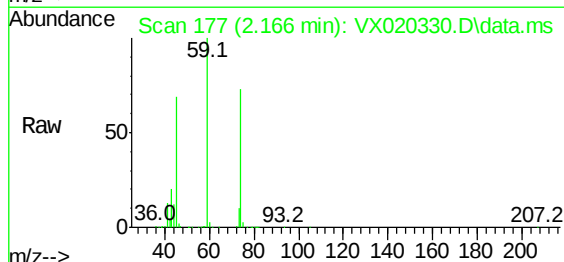
Manual Integrations
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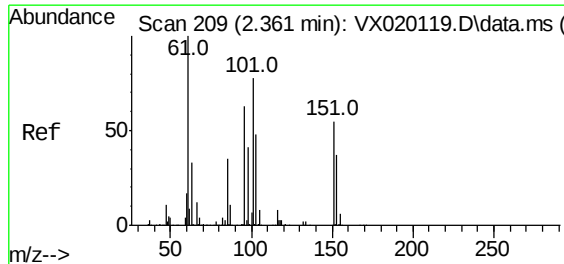
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12/24/2020 11:30:06 AM



Diethyl Ether
Concen: 20.48 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 74 Resp: 36015
Ion Ratio Lower Upper
74 100
45 92.7 44.5 133.5





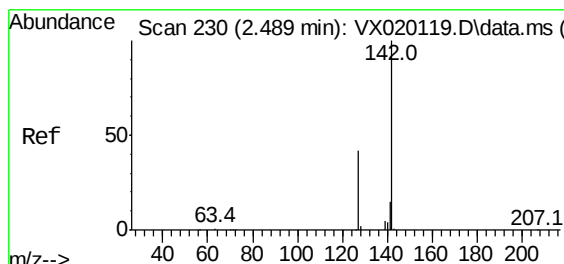
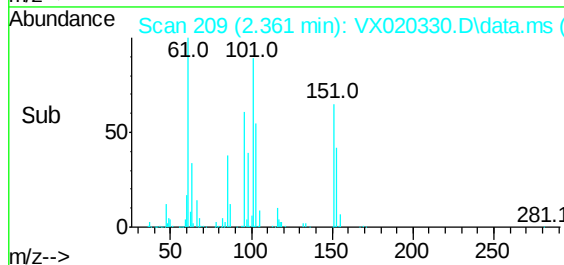
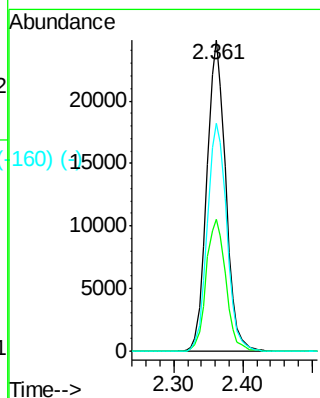
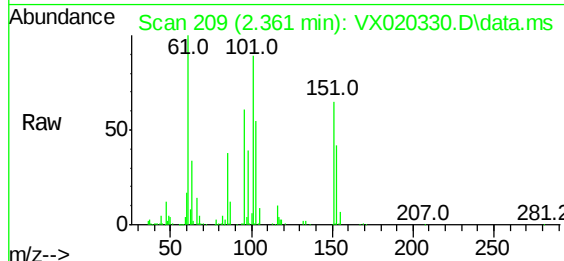
1,1,2-Trichlorotrifluoroethane
Concen: 20.32 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:101 Resp: 46461
Ion Ratio Lower Upper
101 100
85 43.8 34.9 52.3
151 75.5 61.4 92.2

Instrument :
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VX1223WBSD01

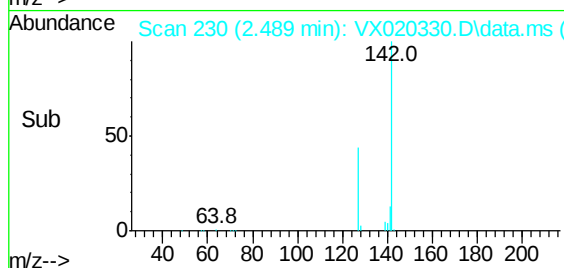
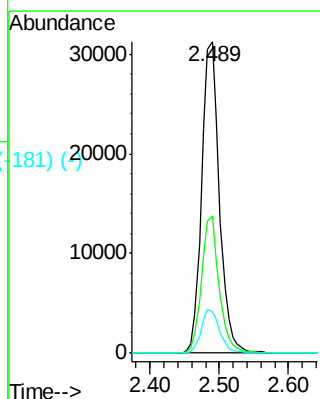
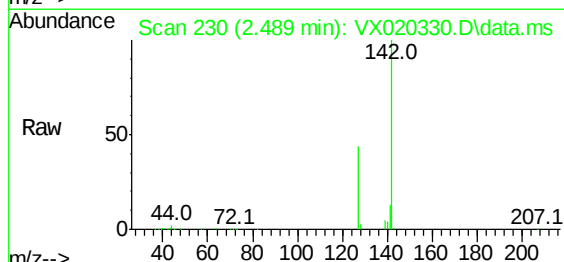
Manual Integrations
APPROVED

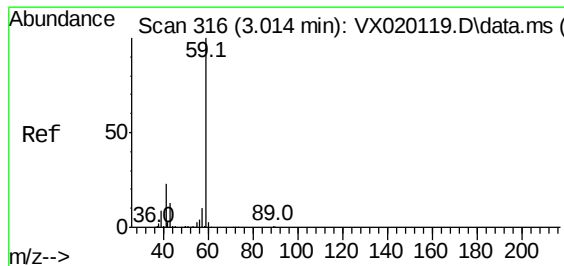
MMDadoda
12/24/2020 11:30:06 AM



Methyl Iodide
Concen: 19.91 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:142 Resp: 54830
Ion Ratio Lower Upper
142 100
127 43.3 33.3 49.9
141 14.2 11.4 17.0





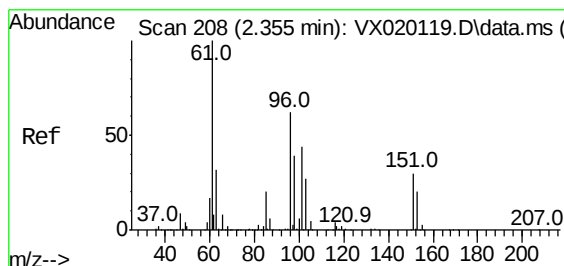
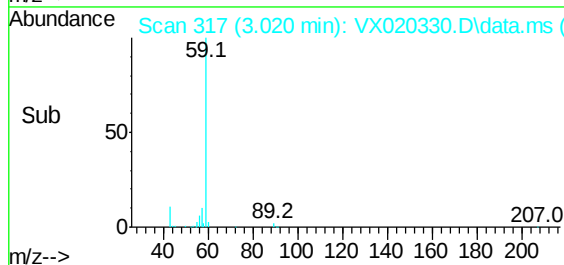
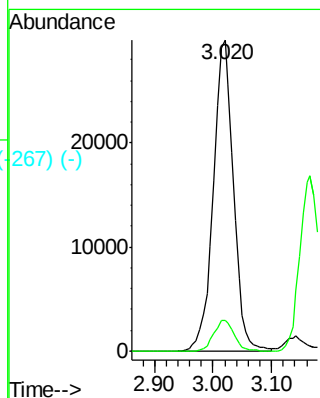
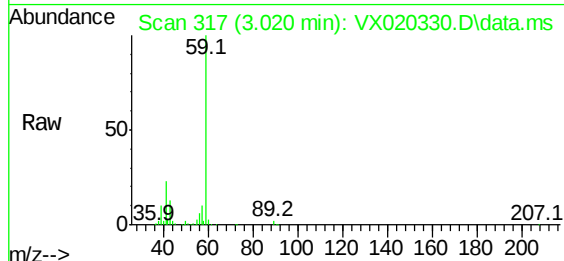
Scan 316 (3.014 min): VX020119.D\data.ms (-3641-)
 Tert butyl alcohol
 Concen: 103.49 ug/l
 RT: 3.020 min Scan# 317
 Delta R.T. 0.006 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion: 59 Resp: 71142
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

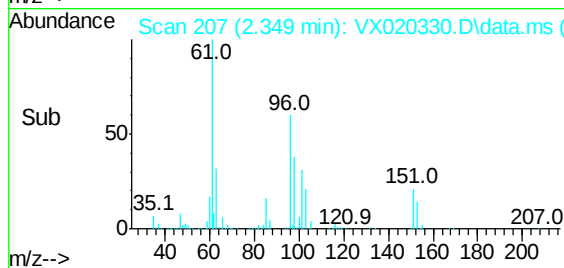
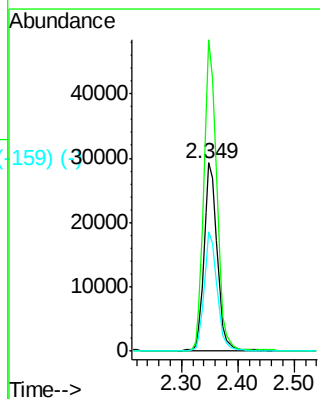
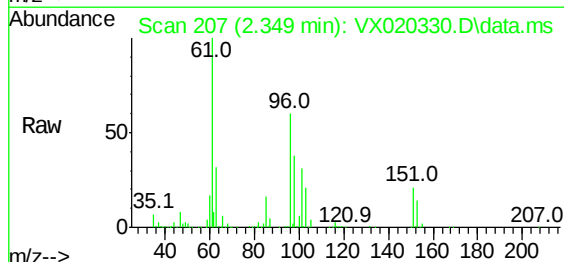
Manual Integrations
 APPROVED

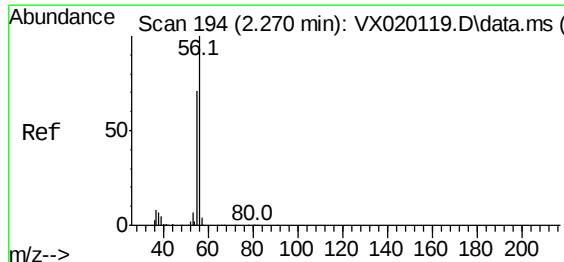
MMDadoda
 12/24/2020 11:30:06 AM



Scan 208 (2.355 min): VX020119.D\data.ms (-1592-)
 1,1-Dichloroethene
 Concen: 19.67 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. -0.006 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion: 96 Resp: 46028
 Ion Ratio Lower Upper
 96 100
 61 165.5 124.6 187.0
 98 63.3 50.6 76.0





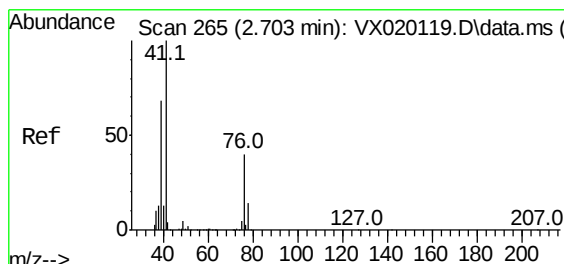
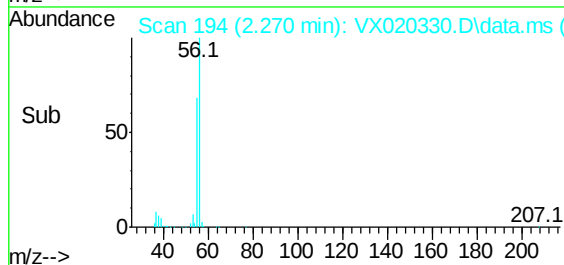
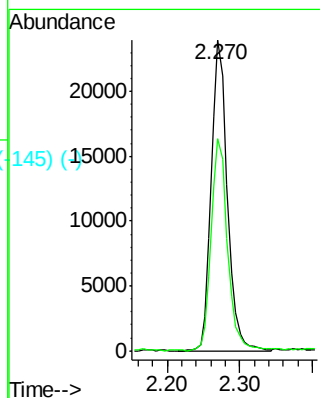
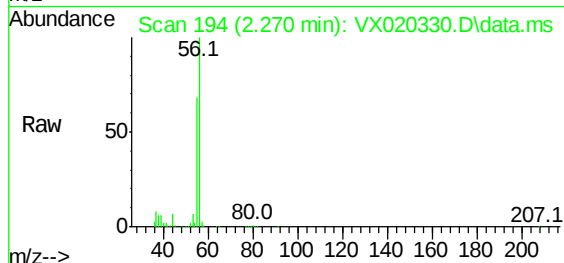
#19
Acrolein
Concen: 85.46 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 56 Resp: 36711
Ion Ratio Lower Upper
56 100
55 69.2 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

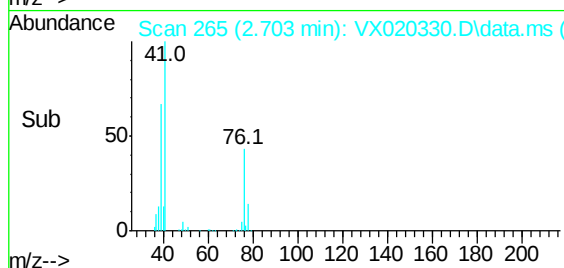
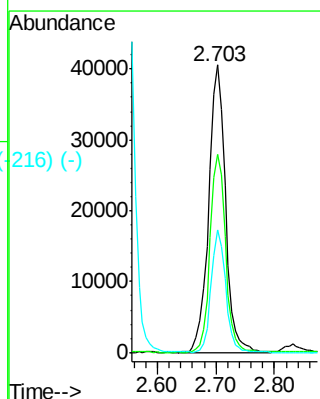
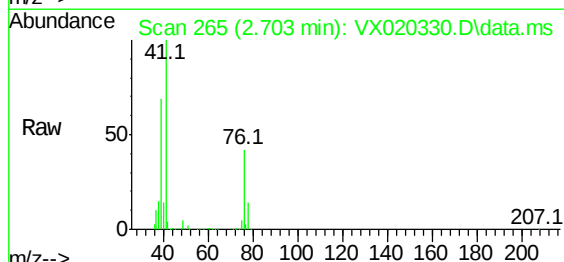
Manual Integrations
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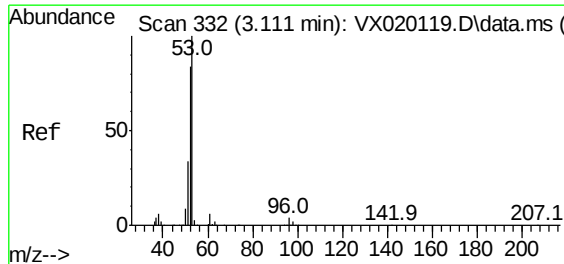
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#204
Allyl chloride
Concen: 19.36 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 41 Resp: 80368
Ion Ratio Lower Upper
41 100
39 63.9 51.6 77.4
76 36.7 30.5 45.7





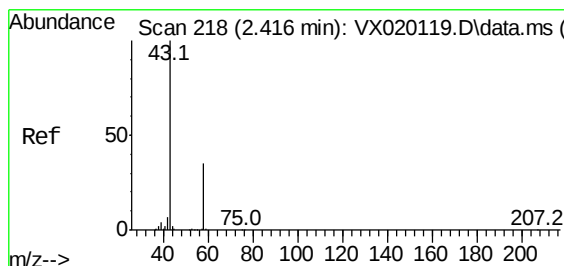
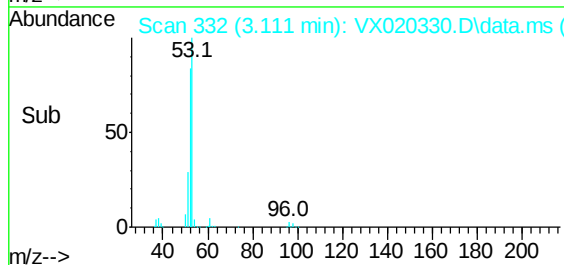
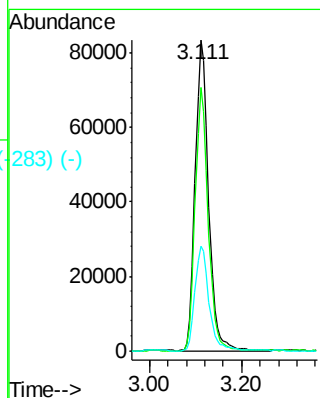
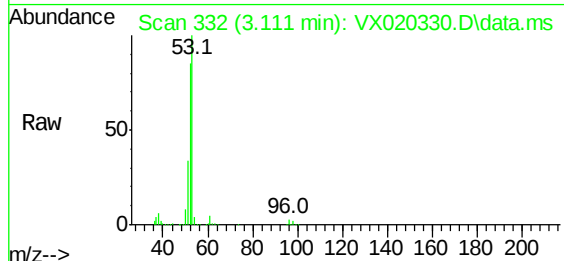
Acrylonitrile
Concen: 106.86 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 53 Resp: 168999
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.4 28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

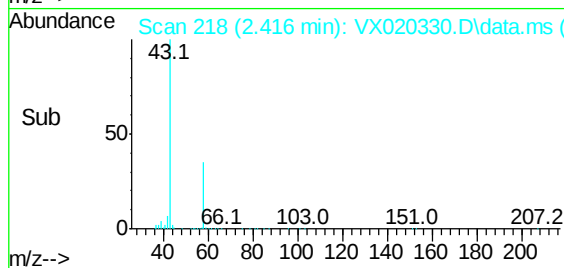
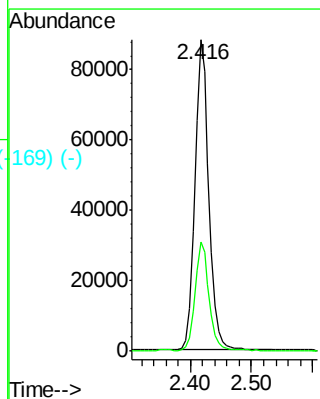
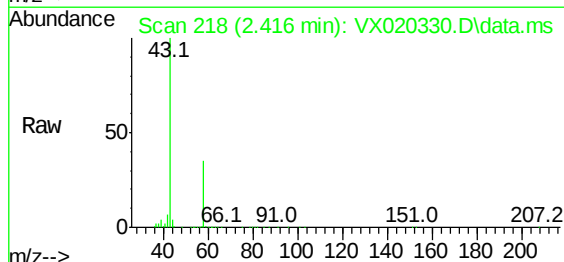
Manual Integrations
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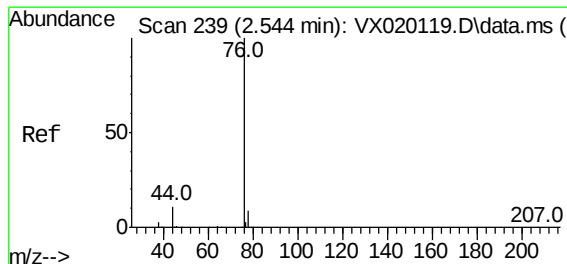
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Acetone
Concen: 101.14 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 43 Resp: 141580
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8





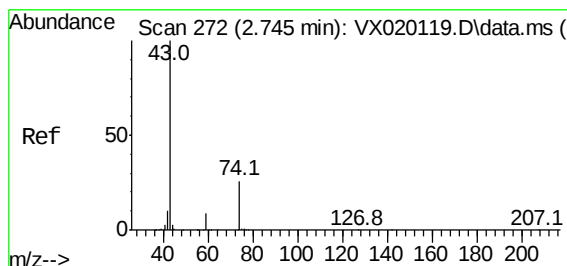
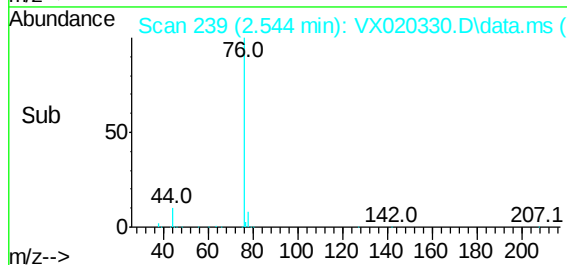
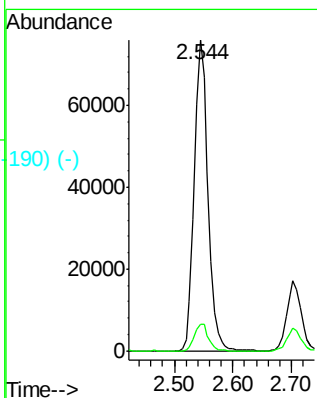
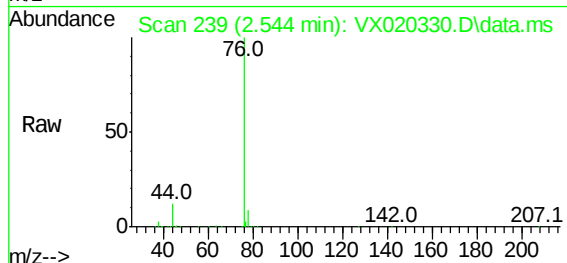
Carbon Disulfide
Concen: 17.77 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 76 Resp: 122838
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

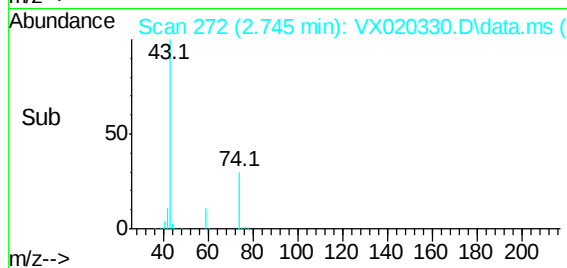
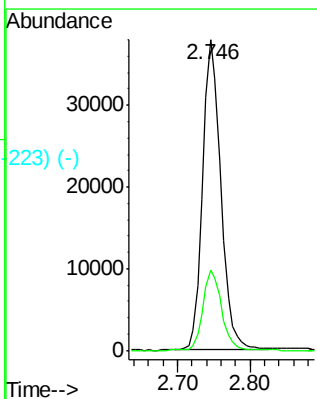
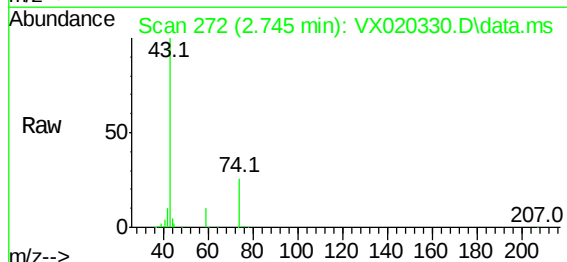
Manual Integrations
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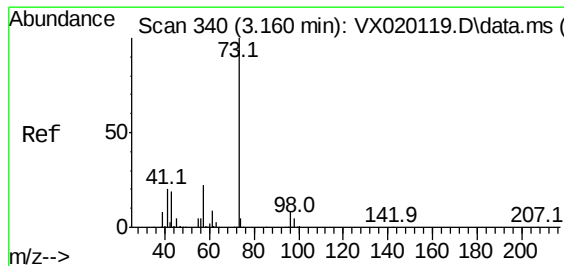
MMDadoda
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Methyl Acetate
Concen: 21.35 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

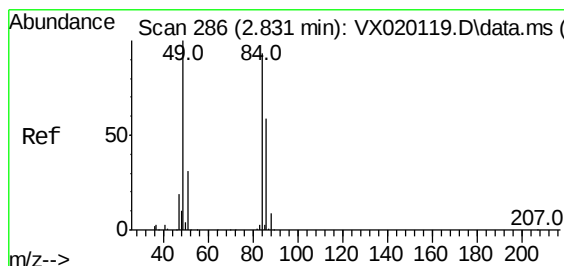
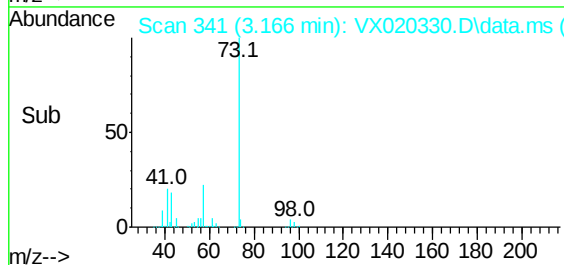
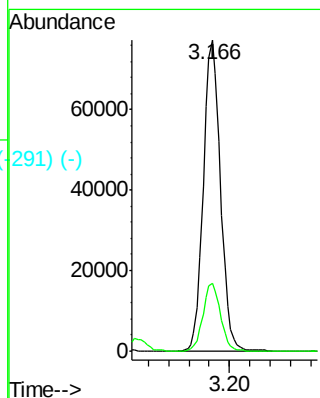
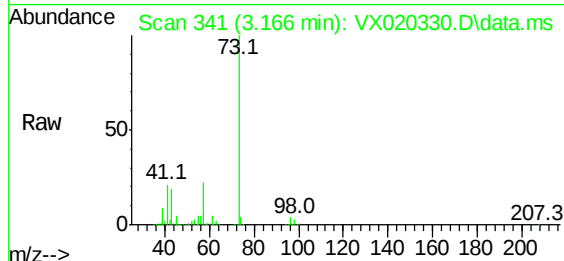
Tgt Ion: 43 Resp: 66671
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9





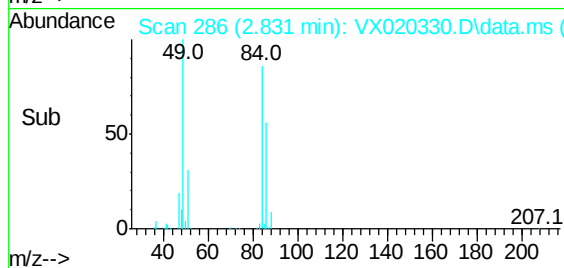
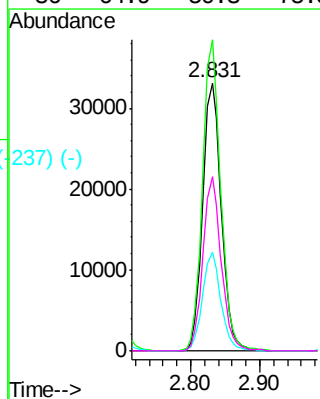
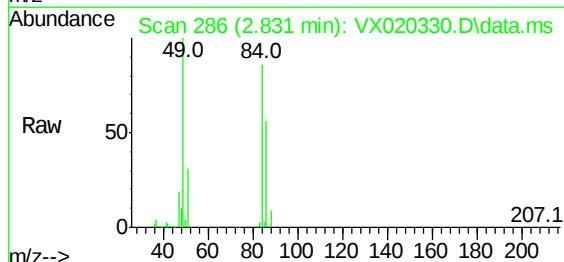
#329 (-)
Methyl tert-butyl Ether
Concen: 20.48 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 73 Resp: 179361
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#279 (-)
Methylene Chloride
Concen: 19.37 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

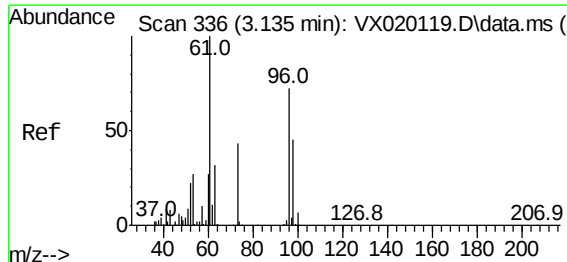
Tgt Ion: 84 Resp: 61134
Ion Ratio Lower Upper
84 100
49 116.2 88.6 132.8
51 36.6 27.0 40.6
86 64.9 50.3 75.5



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Manual Integrations
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trans-1,2-Dichloroethene
Concen: 19.42 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

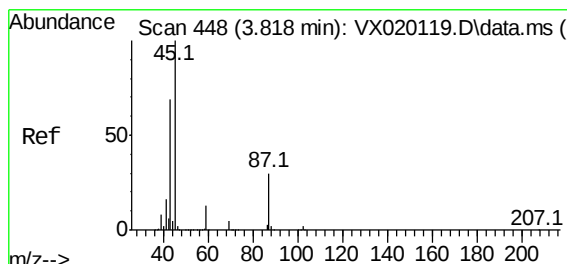
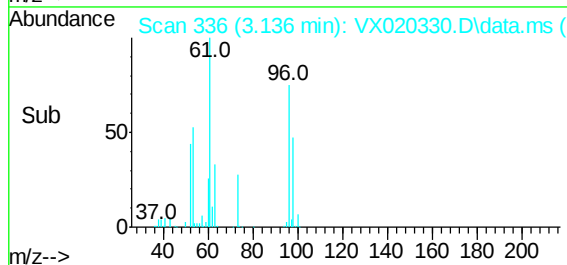
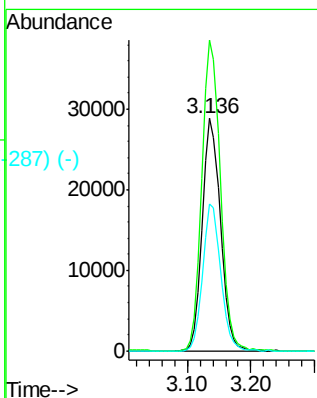
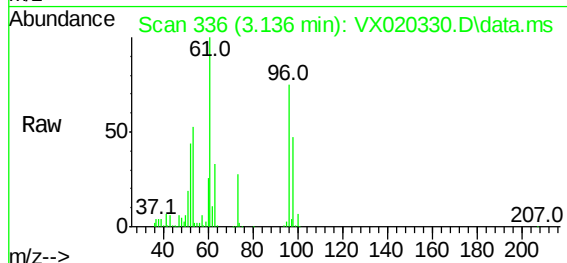
Tgt Ion: 96 Resp: 55121

Ion	Ratio	Lower	Upper
96	100		
61	133.9	107.7	161.5
98	63.4	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Manual Integrations
APPROVED

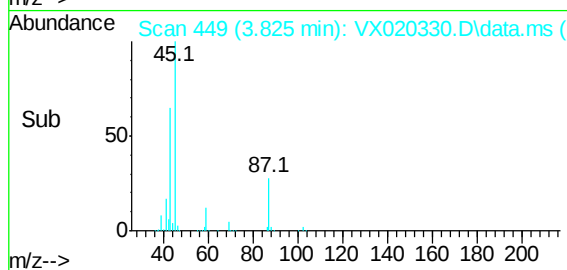
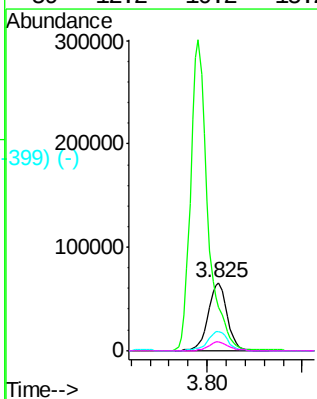
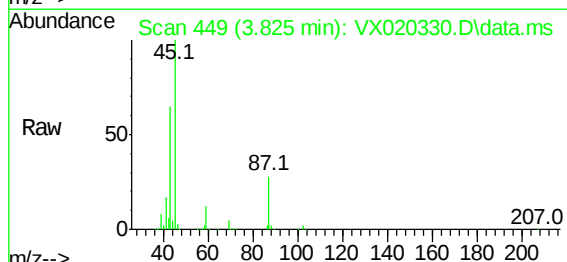
MMDadoda
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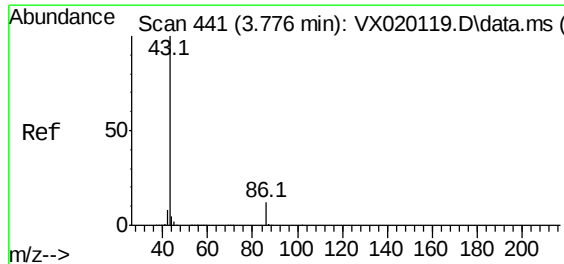


Diisopropyl ether
Concen: 20.96 ug/l
RT: 3.825 min Scan# 449
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 45 Resp: 177605

Ion	Ratio	Lower	Upper
45	100		
43	64.1	58.0	87.0
87	28.4	25.4	38.0
59	12.2	10.2	15.2





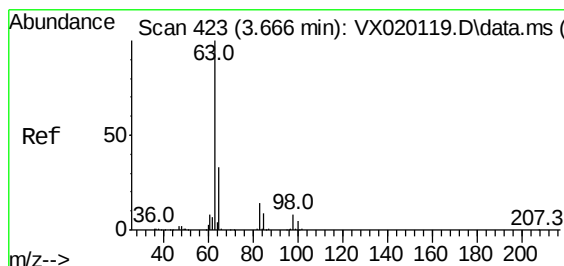
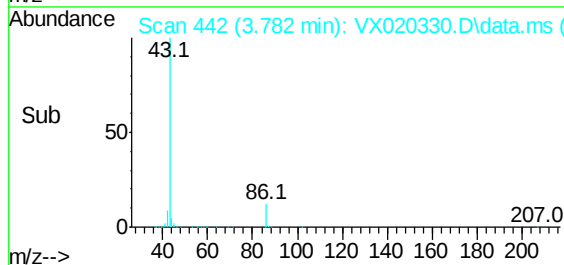
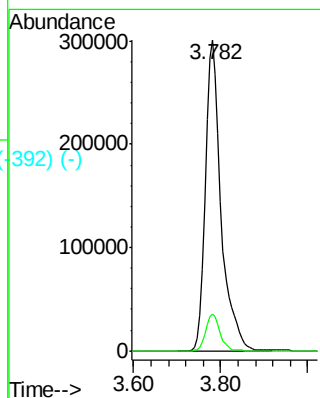
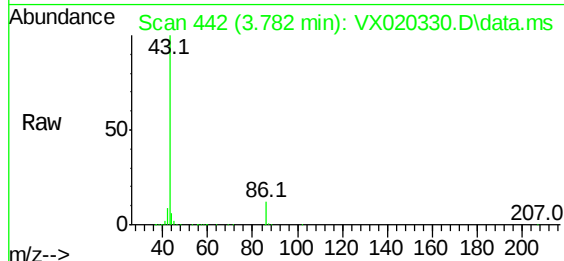
#23 (-)
Vinyl Acetate
Concen: 105.22 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 43 Resp: 759942
Ion Ratio Lower Upper
43 100
86 11.9 9.9 14.9

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

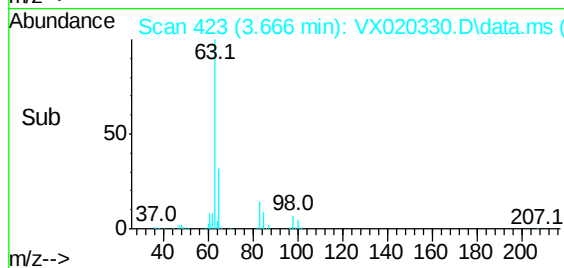
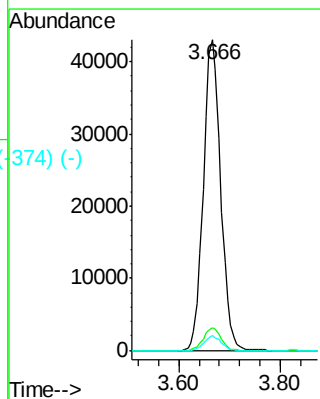
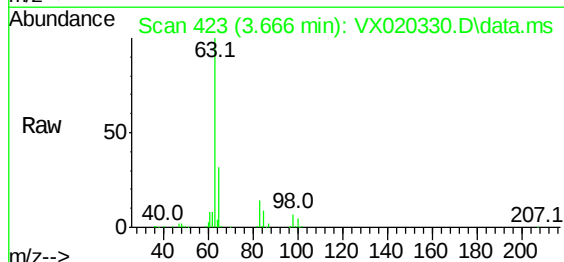
Manual Integrations
APPROVED

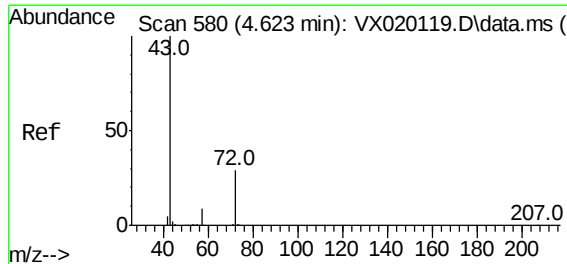
MMDadoda
12/24/2020 11:30:06 AM



#24 (-)
1,1-Dichloroethane
Concen: 20.32 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 63 Resp: 101417
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 4.7 2.5 7.5





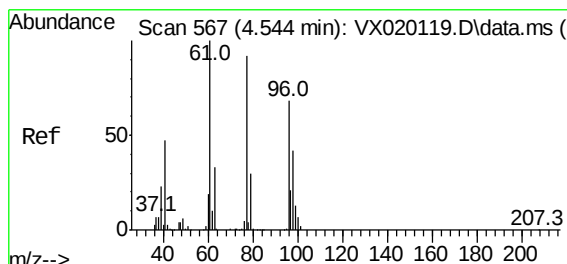
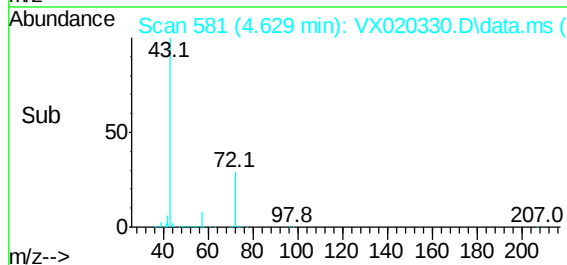
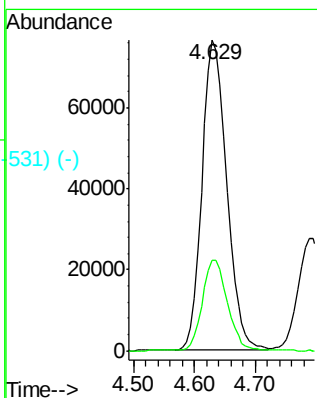
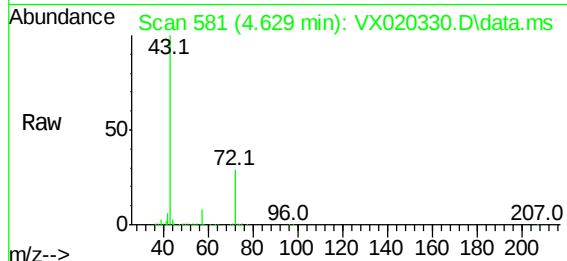
2-Butanone
Concen: 105.60 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 43 Resp: 215150
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

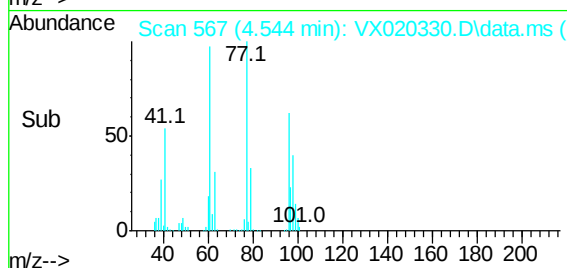
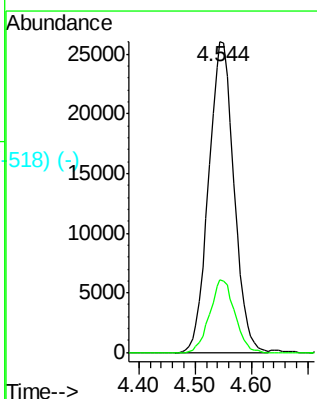
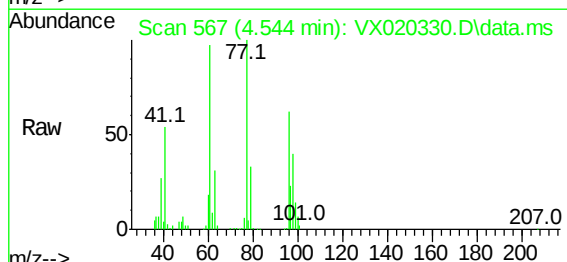
Manual Integrations
APPROVED

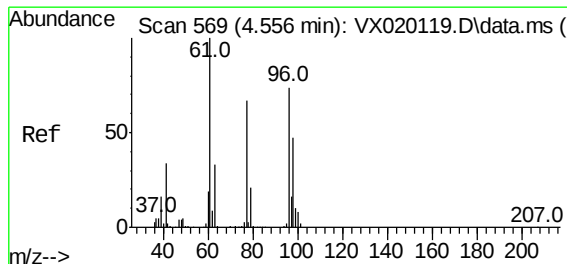
MMDadoda
12/24/2020 11:30:06 AM



2,2-Dichloropropane
Concen: 19.62 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 77 Resp: 80790
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1





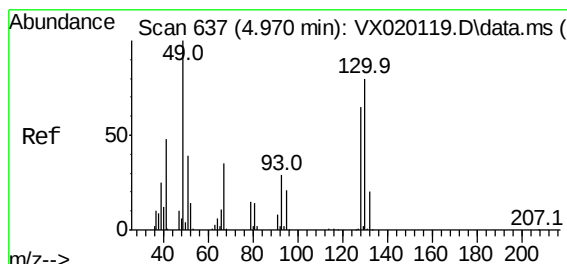
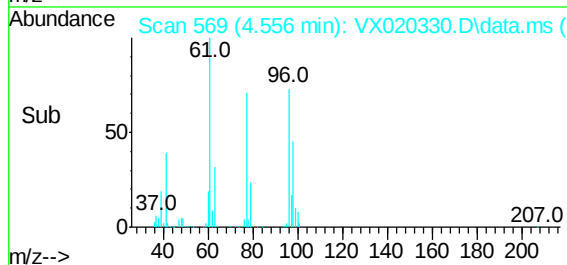
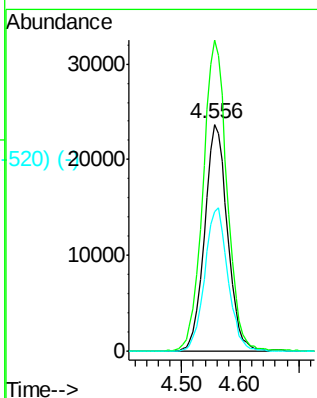
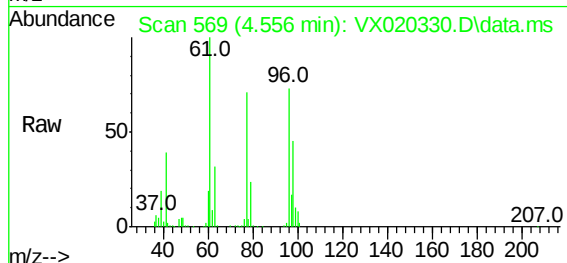
cis-1,2-Dichloroethene
Concen: 19.87 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 96	Resp: 63665
Ion Ratio	Lower Upper
96	100
61	144.8 0.0 285.6
98	64.0 0.0 129.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

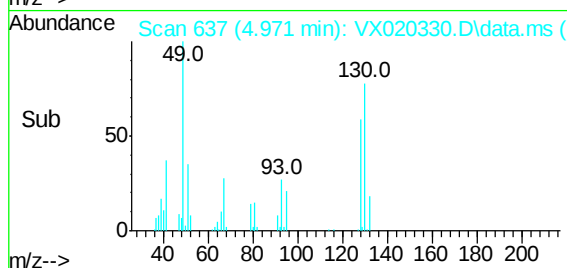
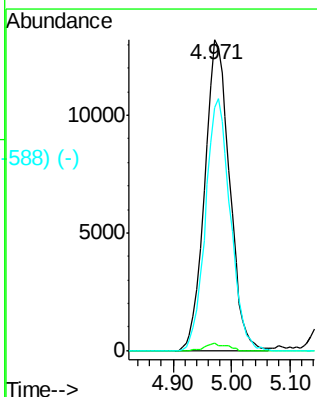
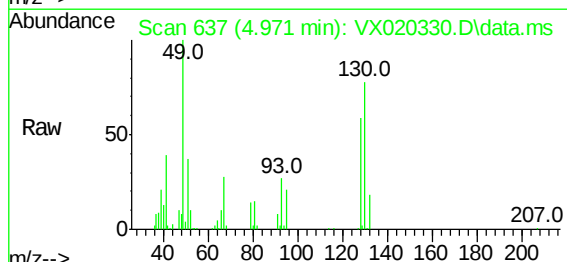
Manual Integrations
APPROVED

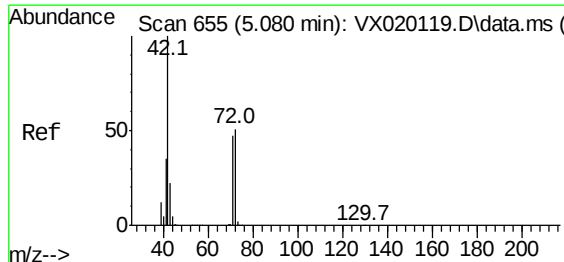
MMDadoda
12/24/2020 11:30:06 AM



Bromochloromethane
Concen: 17.55 ug/l
RT: 4.971 min Scan# 637
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 49	Resp: 39016
Ion Ratio	Lower Upper
49	100
129	1.9 0.0 4.0
130	80.6 68.2 102.2





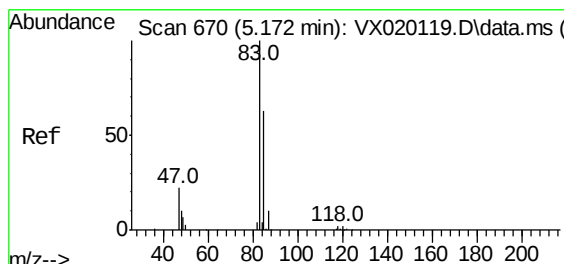
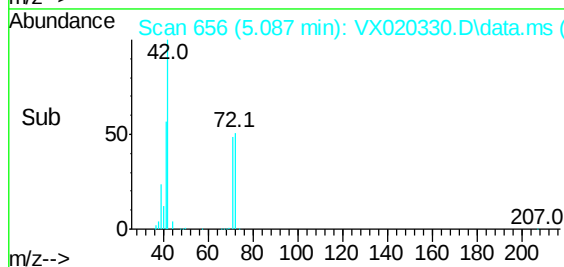
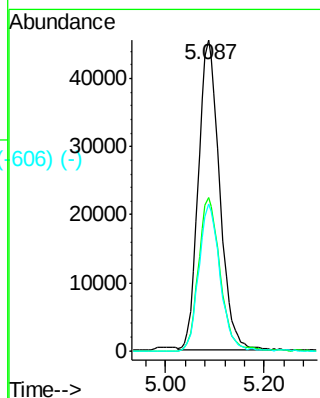
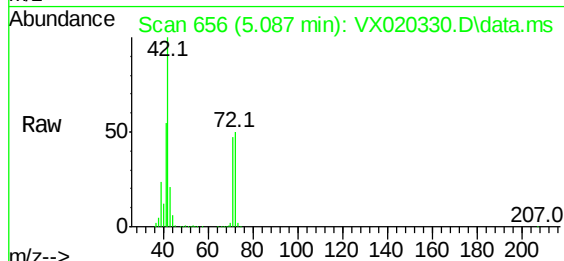
Tetrahydrofuran
Concen: 106.77 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 42 Resp: 136848
Ion Ratio Lower Upper
42 100
72 50.2 41.7 62.5
71 47.0 38.4 57.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

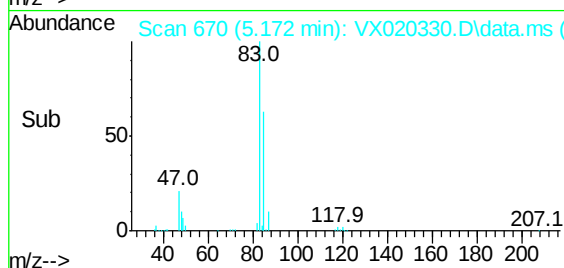
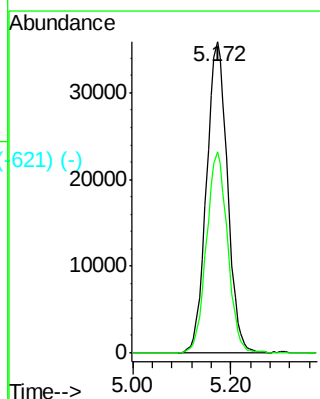
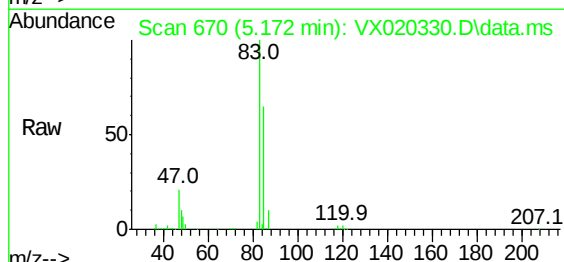
Manual Integrations
APPROVED

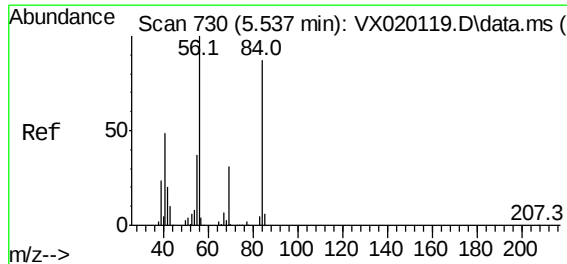
MMDadoda
12/24/2020 11:30:06 AM



Chloroform
Concen: 20.89 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 83 Resp: 106138
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0





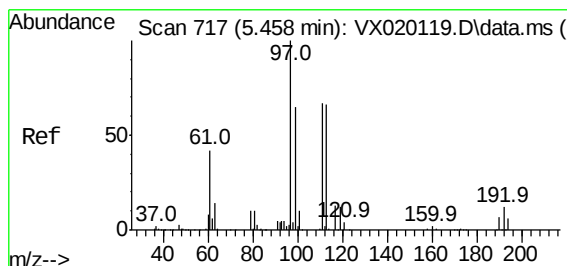
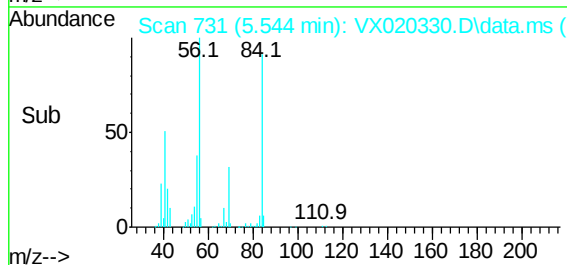
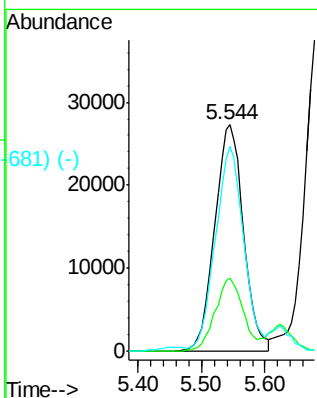
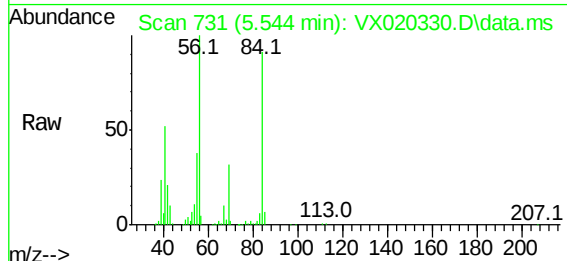
Cyclohexane
Concen: 19.86 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 56 Resp: 84048
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 89.0 71.4 107.0

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

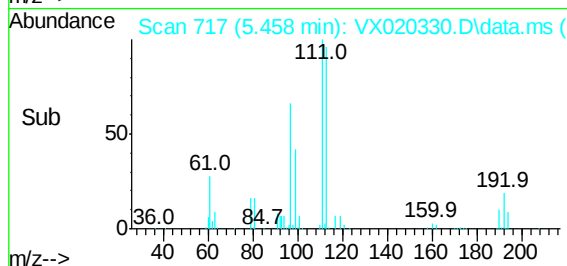
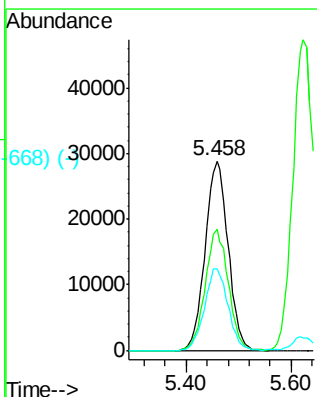
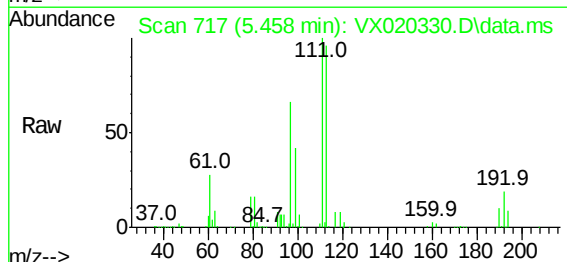
Manual Integrations
APPROVED

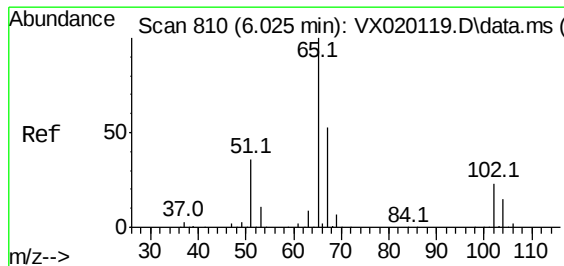
MMDadoda
12/24/2020 11:30:06 AM



1,1,1-Trichloroethane
Concen: 20.55 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 97 Resp: 87102
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 44.2 34.2 51.4





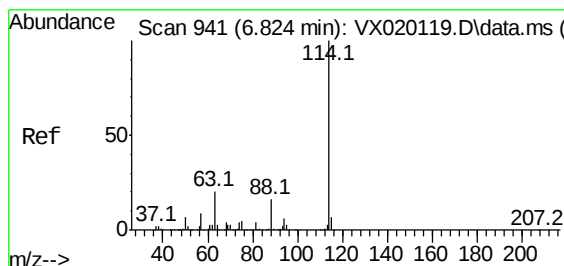
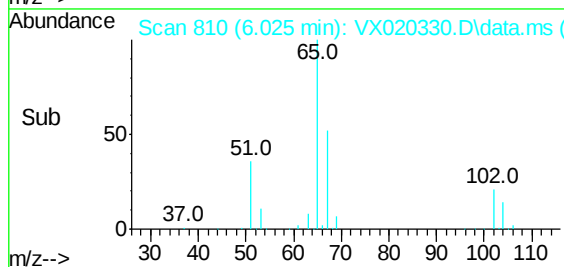
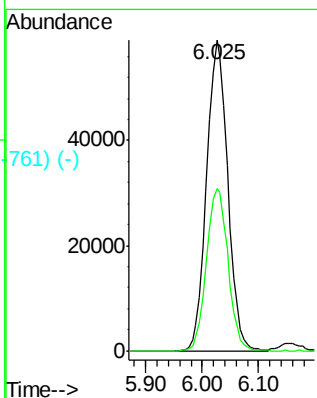
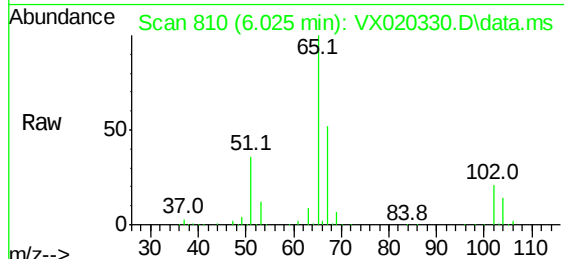
1,2-Dichloroethane-d4
Concen: 49.71 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 65 Resp: 152587
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

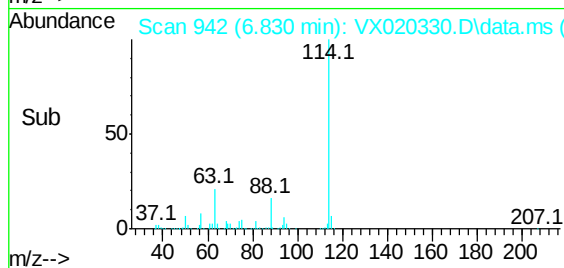
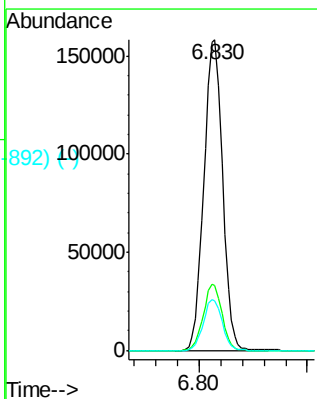
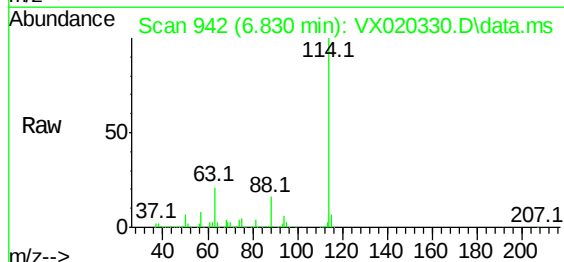
Manual Integrations
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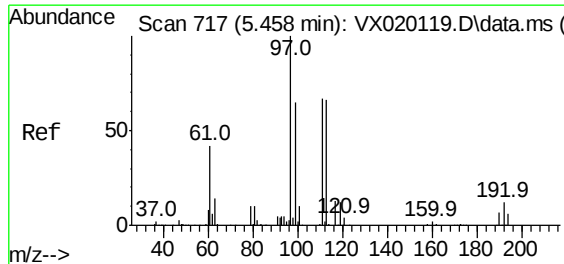
MMDadoda
12/24/2020 11:30:06 AM



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:114 Resp: 376873
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.9 0.0 32.8





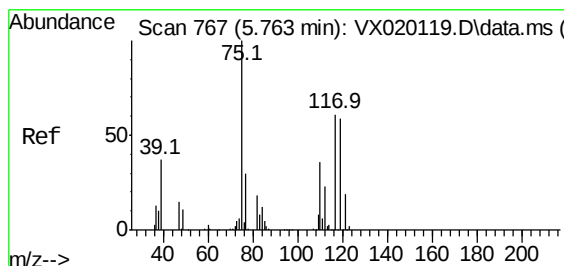
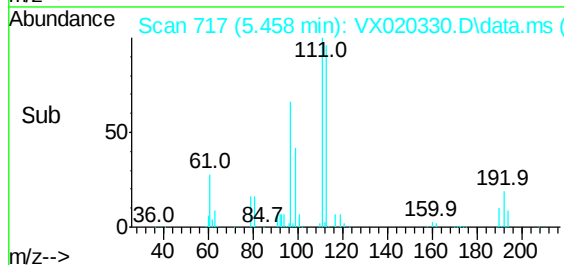
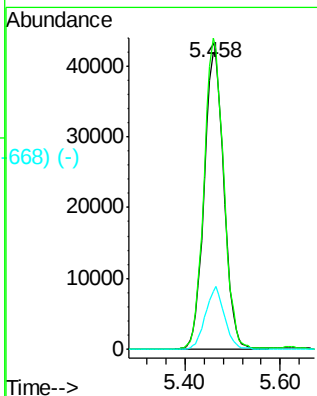
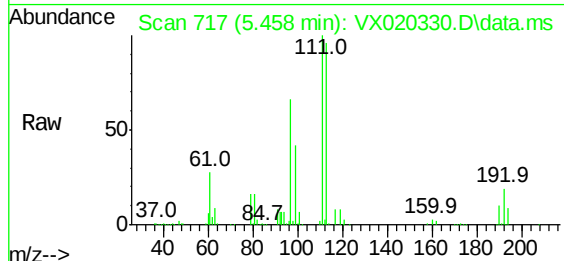
Dibromofluoromethane
Concen: 50.03 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 113 Resp: 120622
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.8 16.7 25.1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

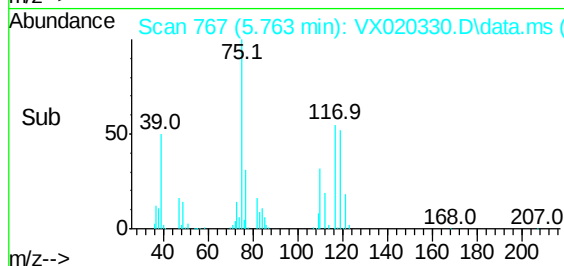
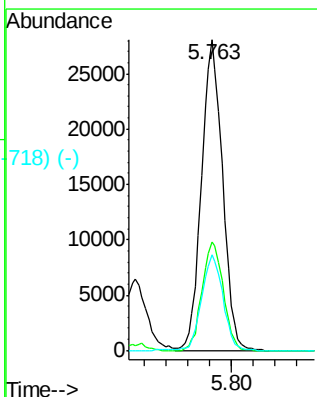
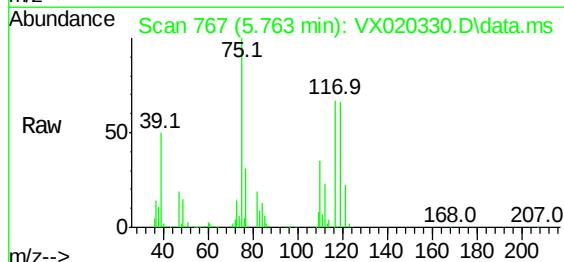
Manual Integrations
APPROVED

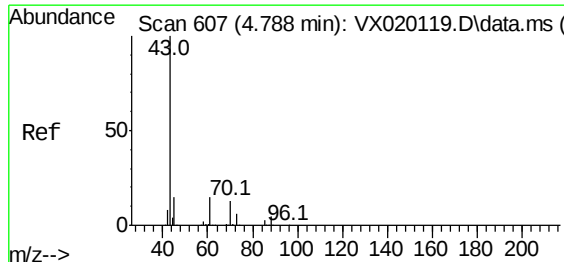
MMDadoda
12/24/2020 11:30:06 AM



1,1-Dichloropropene
Concen: 20.19 ug/l
RT: 5.763 min Scan# 767
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 75 Resp: 75203
Ion Ratio Lower Upper
75 100
110 35.2 18.1 54.4
77 31.0 25.3 37.9





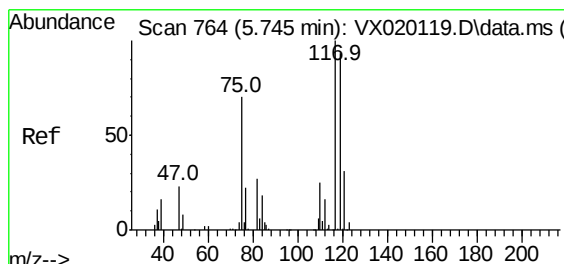
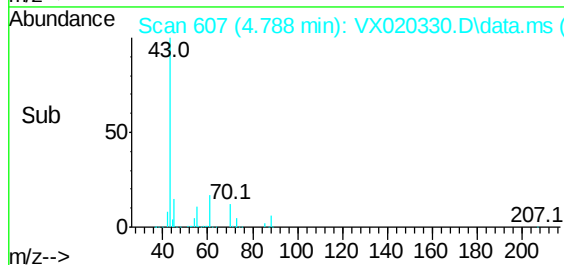
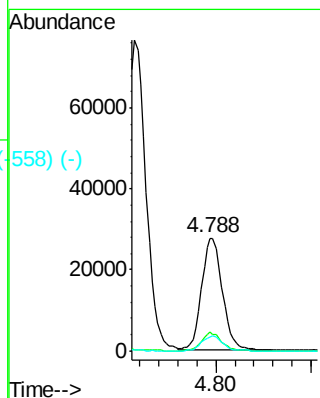
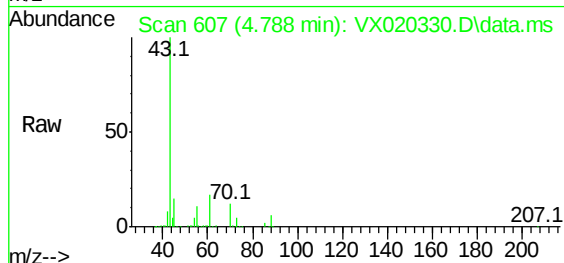
Ethyl Acetate
Concen: 21.57 ug/l
RT: 4.788 min Scan# 607
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	43	Resp:	83490
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.8	19.2
70	12.7	10.5	15.7

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

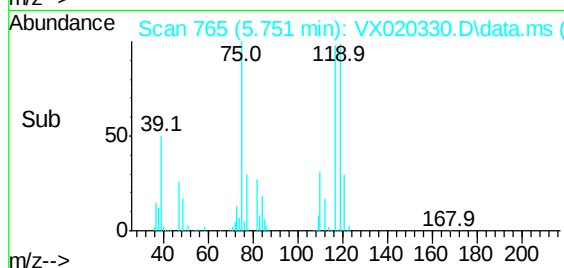
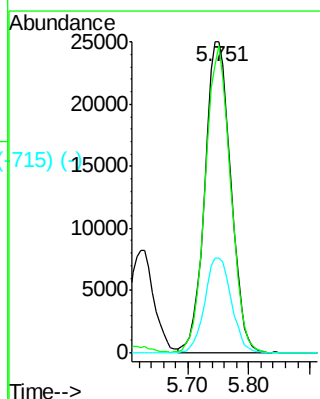
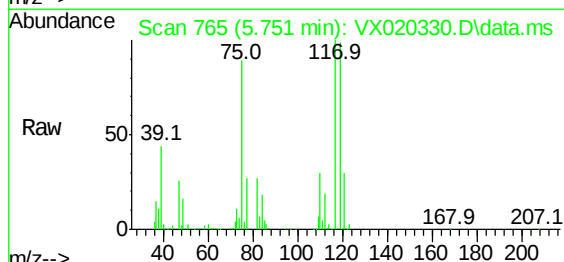
Manual Integrations
APPROVED

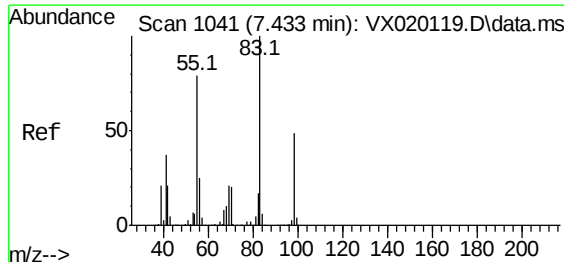
MMDadoda
12/24/2020 11:30:06 AM



Carbon Tetrachloride
Concen: 20.82 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

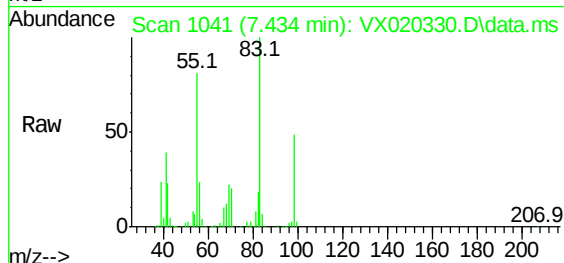
Tgt Ion:	117	Resp:	73757
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.2	114.2
121	30.4	24.8	37.2





#899 (-)
Methylcyclohexane
Concen: 20.12 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

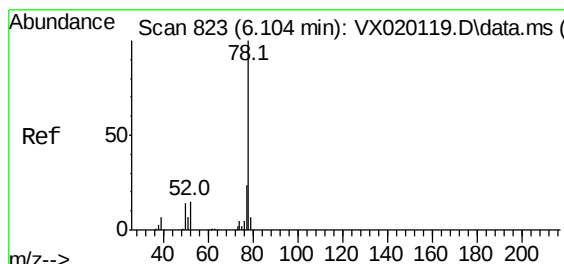
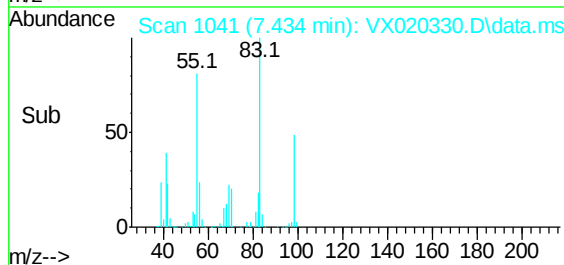
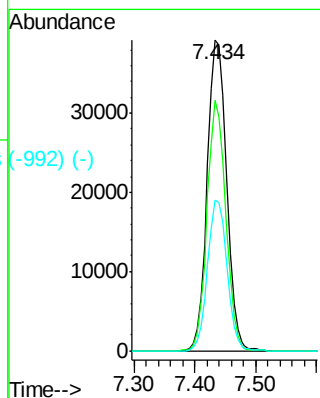
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01



Tgt Ion: 83 Resp: 86519
Ion Ratio Lower Upper
83 100
55 80.7 58.9 88.3
98 48.6 38.1 57.1

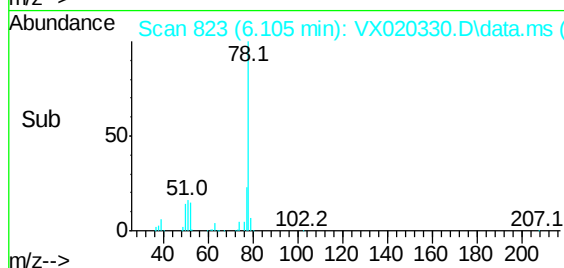
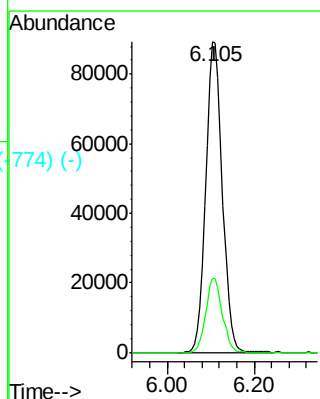
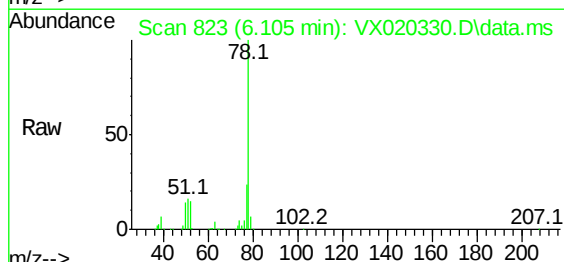
Manual Integrations
APPROVED

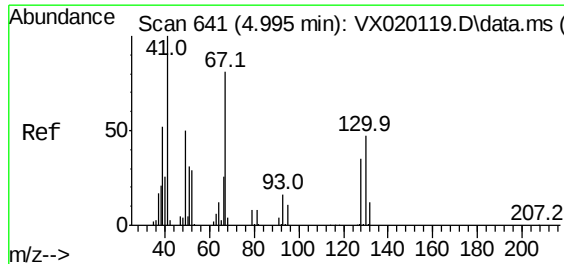
MMDadoda
12/24/2020 11:30:06 AM



#899 (-)
Benzene
Concen: 20.38 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 78 Resp: 236331
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





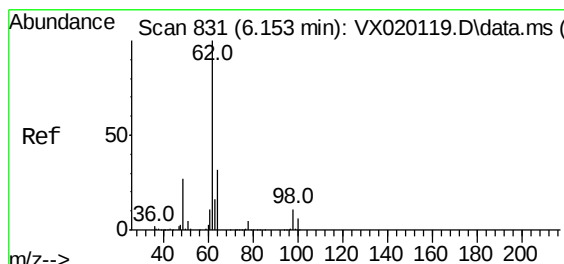
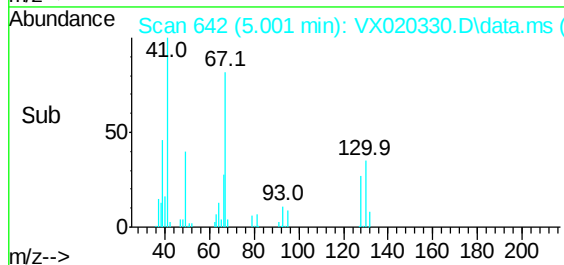
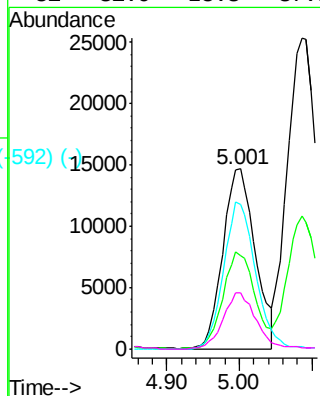
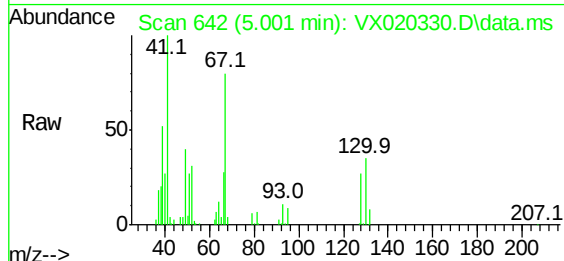
#41 (-)
Methacrylonitrile
Concen: 21.91 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	41	Resp:	45195
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.5	63.7
67	80.7	65.0	97.6
52	32.0	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

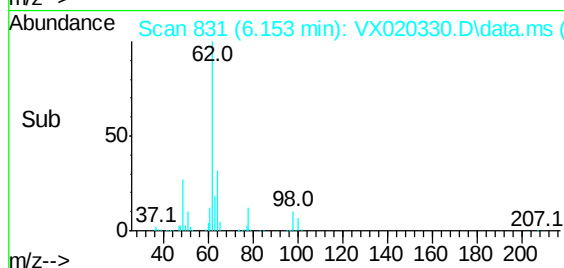
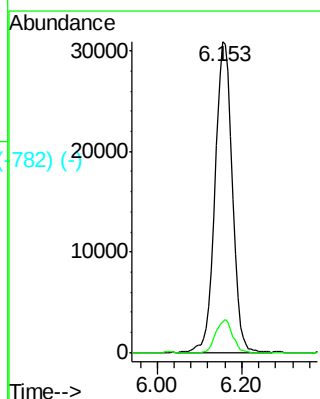
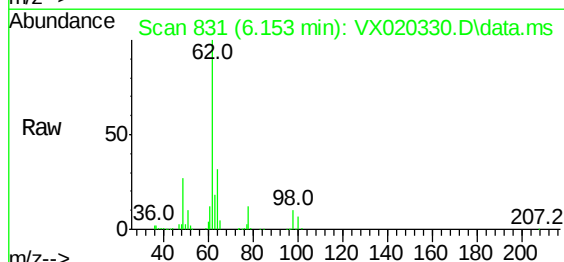
Manual Integrations
APPROVED

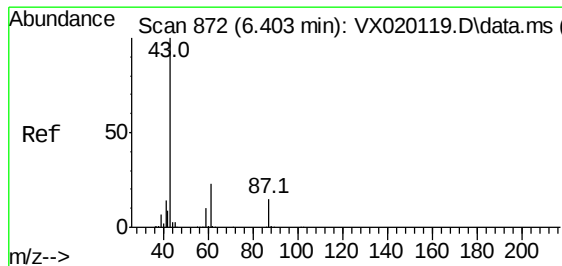
MMDadoda
12/24/2020 11:30:06 AM



#42 (-)
1,2-Dichloroethane
Concen: 21.06 ug/l
RT: 6.153 min Scan# 831
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	62	Resp:	83757
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





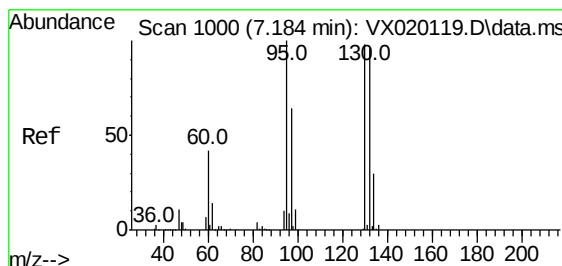
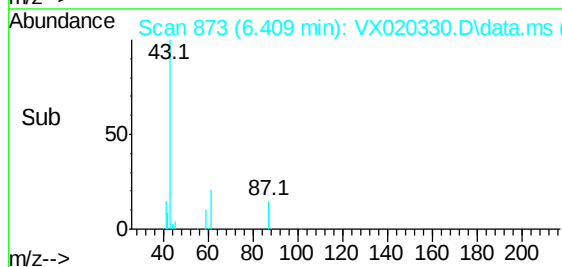
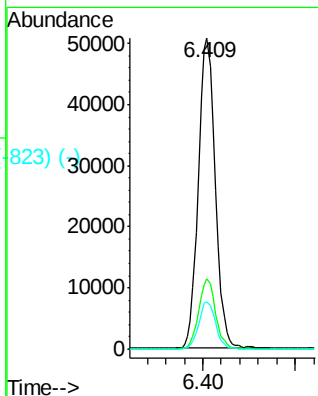
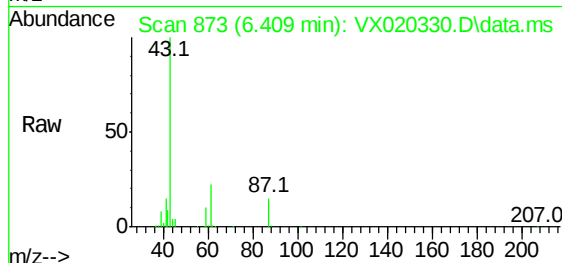
Isopropyl Acetate
Concen: 21.14 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 43 Resp: 129174
Ion Ratio Lower Upper
43 100
61 22.3 18.2 27.4
87 14.9 12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

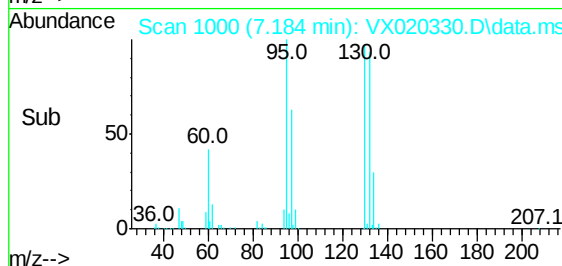
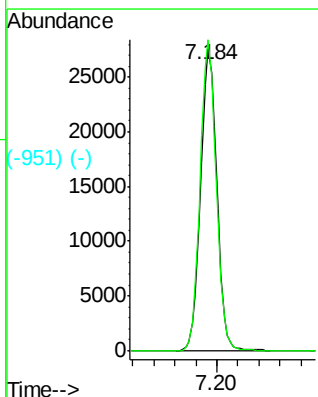
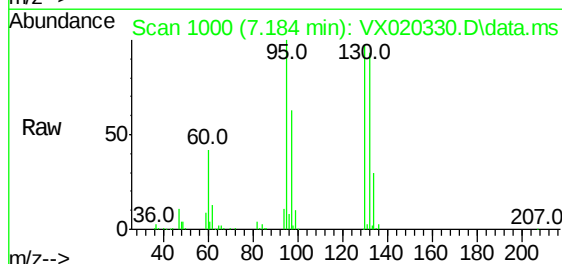
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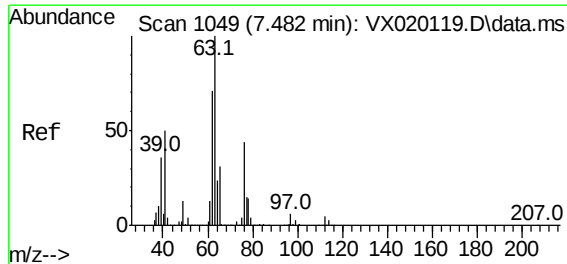
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Trichloroethene
Concen: 19.74 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:130 Resp: 59169
Ion Ratio Lower Upper
130 100
95 103.0 0.0 198.0



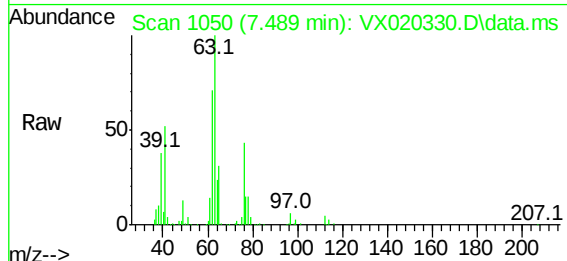


#453 (-)
1,2-Dichloropropane
Concen: 20.86 ug/l
RT: 7.489 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

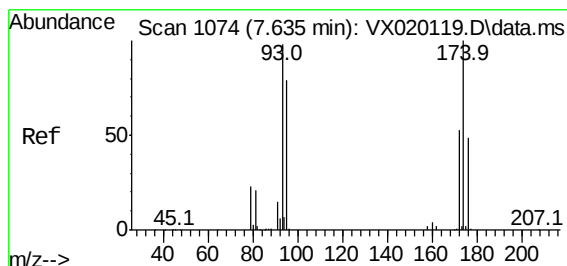
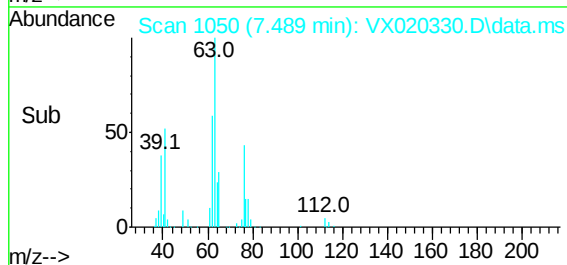
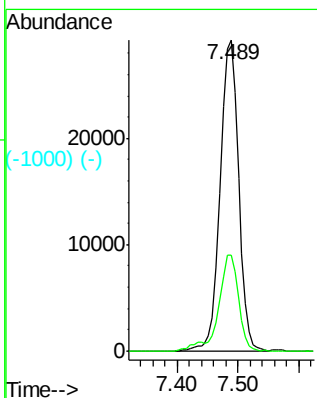
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

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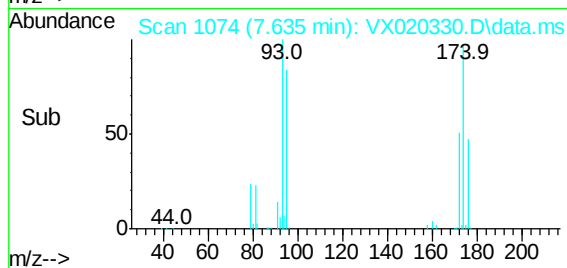
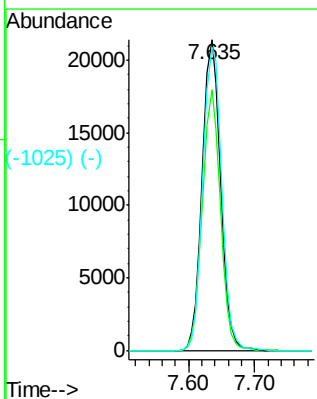
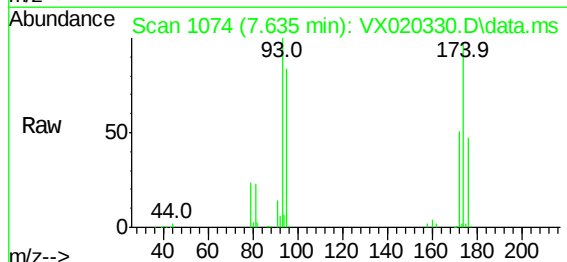


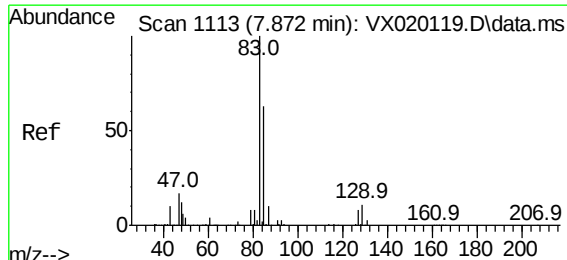
Tgt Ion: 63 Resp: 61140
Ion Ratio Lower Upper
63 100
65 30.9 25.7 38.5



#464 (-)
Dibromomethane
Concen: 20.41 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 93 Resp: 40905
Ion Ratio Lower Upper
93 100
95 82.5 66.8 100.2
174 100.7 83.1 124.7





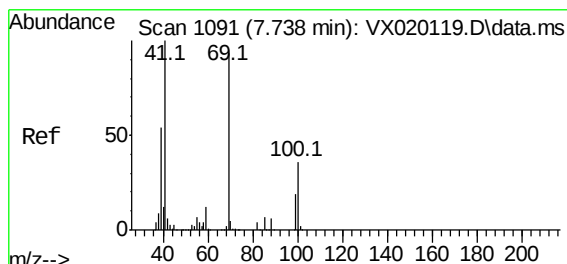
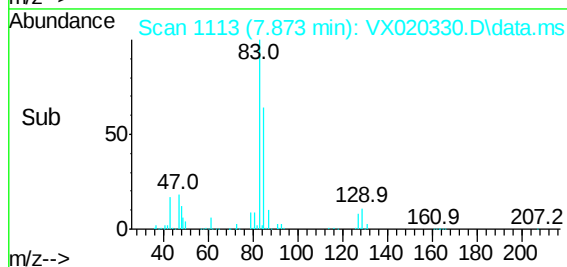
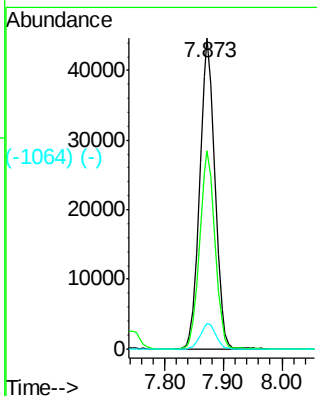
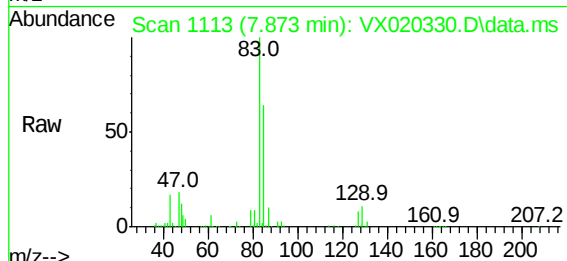
#473 (-)
Bromodichloromethane
Concen: 20.93 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 83 Resp: 79998
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.3 6.8 10.2

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

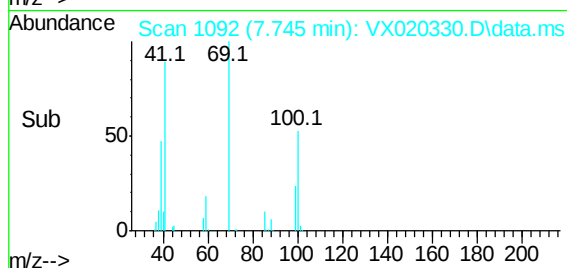
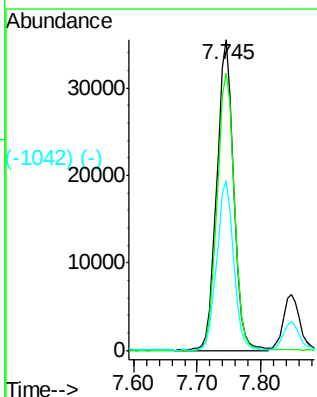
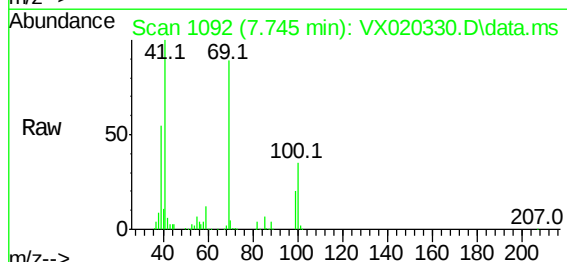
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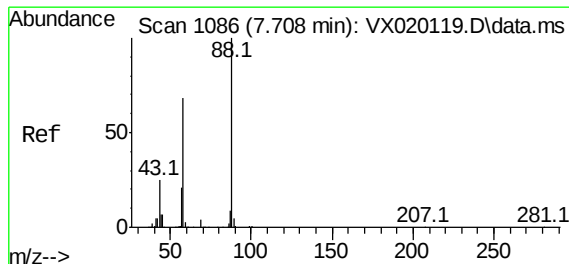
MMDadoda
12/24/2020 11:30:06 AM



#480 (-)
Methyl methacrylate
Concen: 21.38 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 41 Resp: 64023
Ion Ratio Lower Upper
41 100
69 90.9 76.0 114.0
39 54.9 44.6 67.0





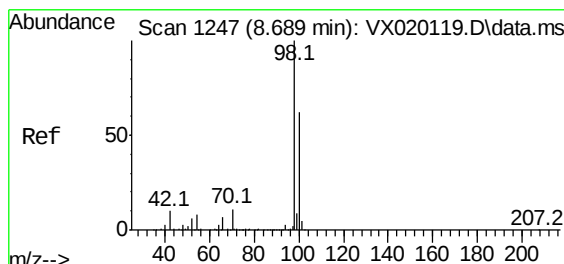
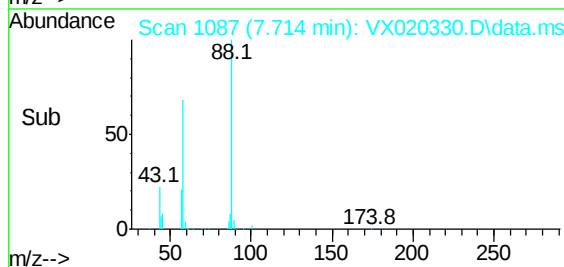
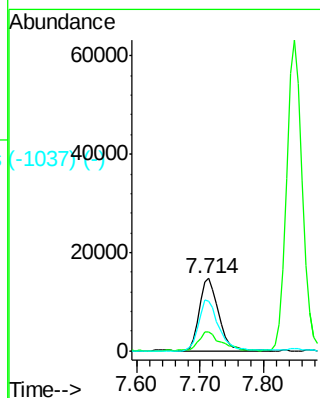
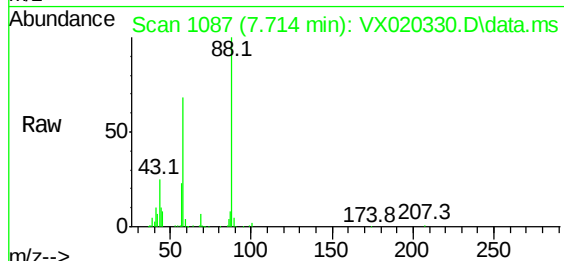
(-1079) (-)
1,4-Dioxane
Concen: 431.10 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 88 Resp: 30219
Ion Ratio Lower Upper
88 100
43 30.9 23.2 34.8
58 73.0 55.0 82.4

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

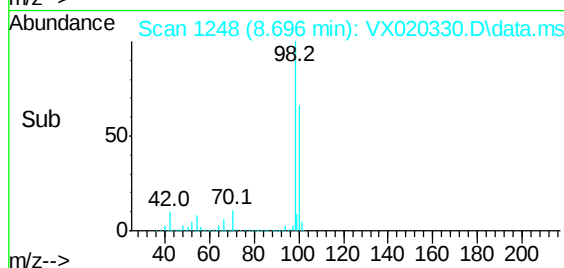
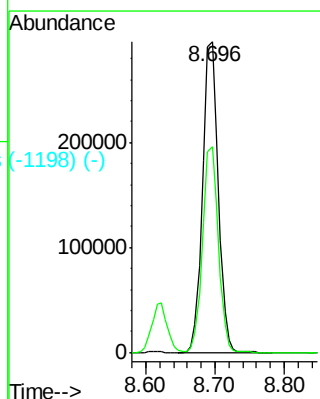
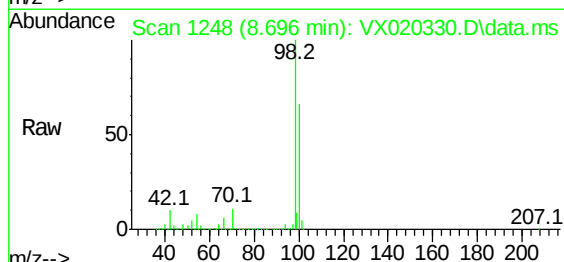
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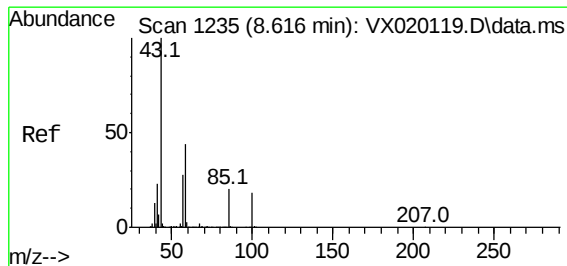
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(-1259) (-)
Toluene-d8
Concen: 49.46 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 98 Resp: 459004
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



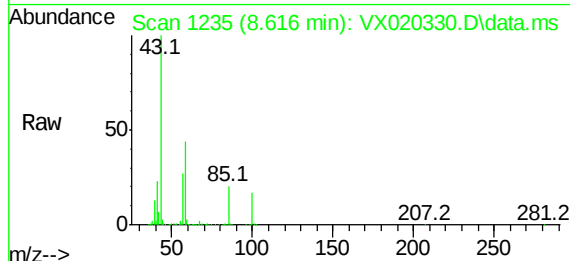


#516 (-)
4-Methyl-2-Pentanone
Concen: 111.44 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

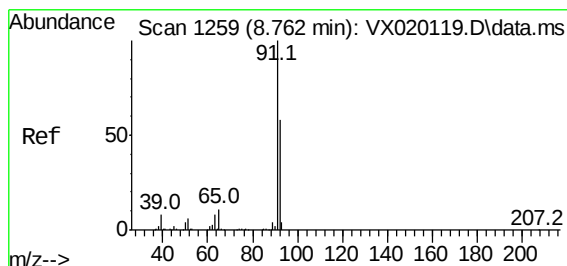
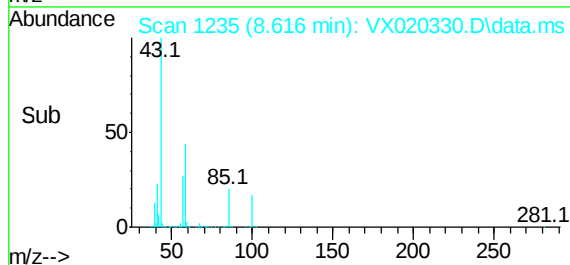
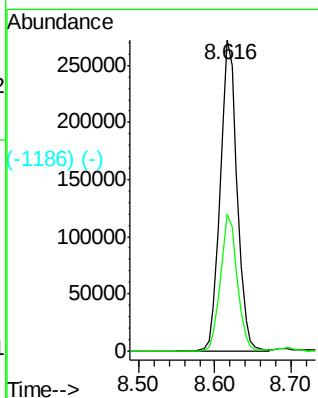
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

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12/24/2020 11:30:06 AM

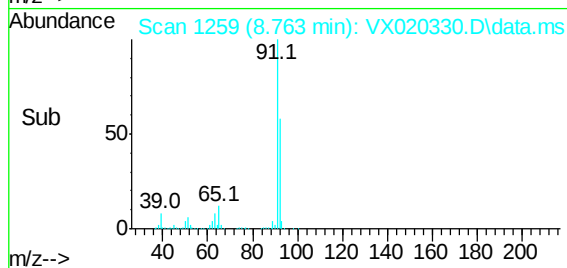
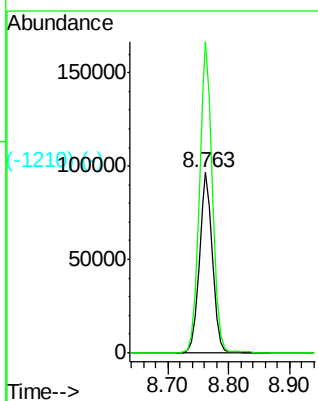
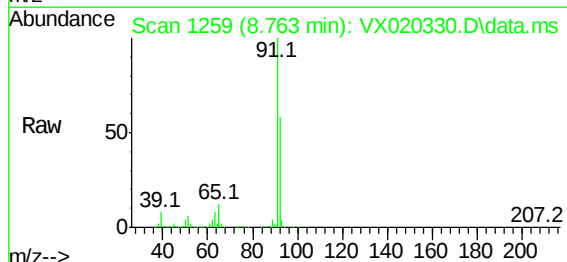


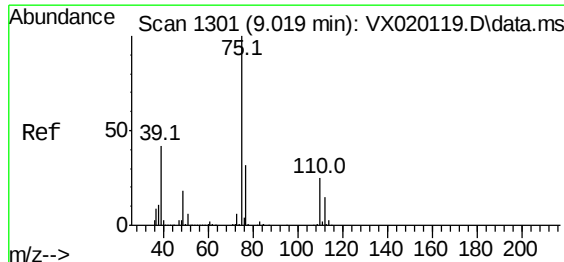
Tgt Ion: 43 Resp: 421583
Ion Ratio Lower Upper
43 100
58 43.4 35.4 53.0



#521 (-)
Toluene
Concen: 20.66 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 92 Resp: 146192
Ion Ratio Lower Upper
92 100
91 172.0 137.1 205.7





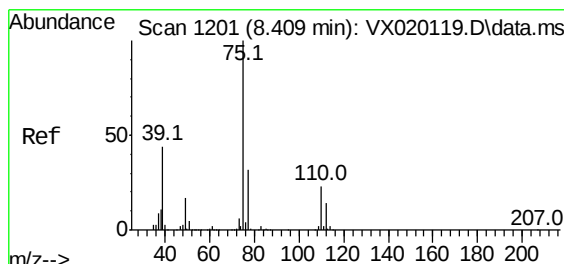
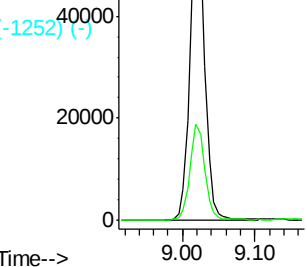
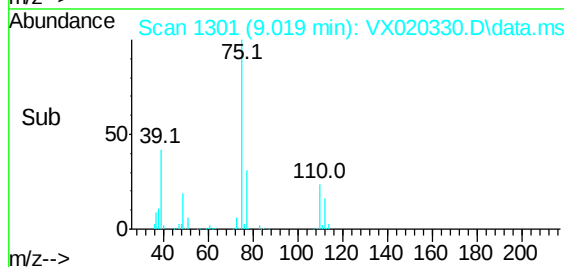
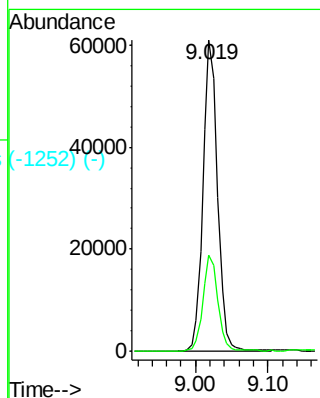
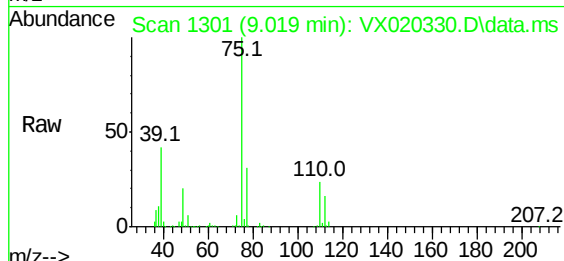
#593 (-)
t-1,3-Dichloropropene
Concen: 20.33 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 75 Resp: 85441
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

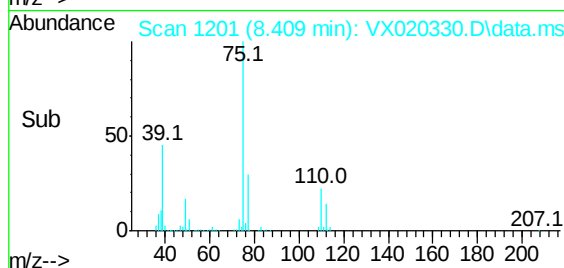
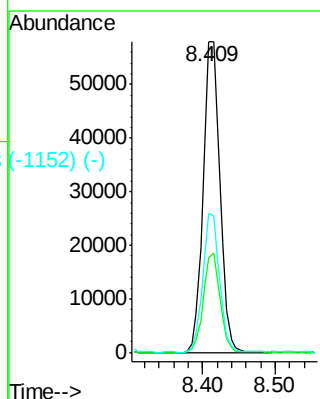
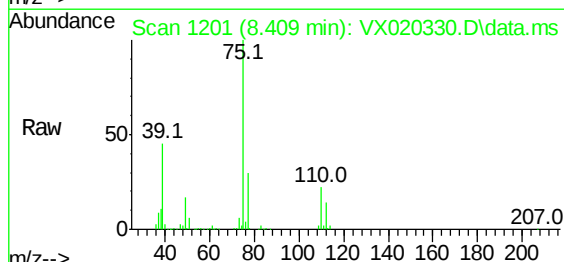
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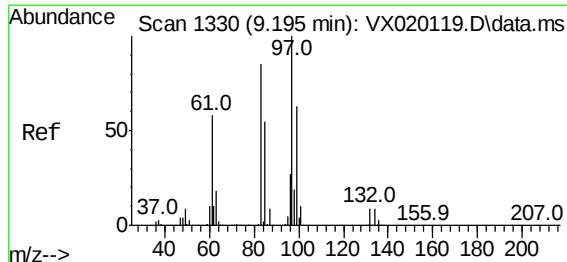
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#594 (-)
cis-1,3-Dichloropropene
Concen: 20.49 ug/l
RT: 8.409 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 75 Resp: 94558
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5
39 44.8 35.1 52.7





#559 (-)
1,1,2-Trichloroethane
Concen: 21.35 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

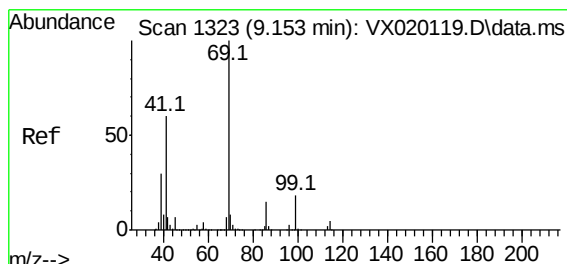
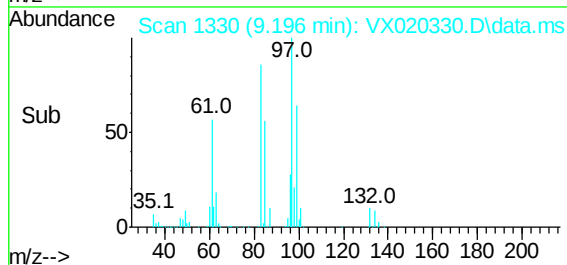
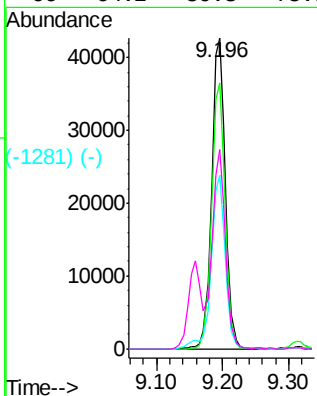
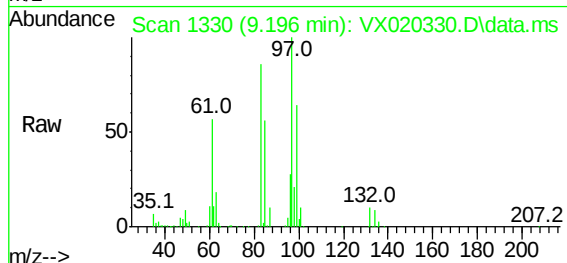
Tgt Ion: 97 Resp: 62315

Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.3	103.9
85	55.8	44.3	66.5
99	64.2	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Manual Integrations
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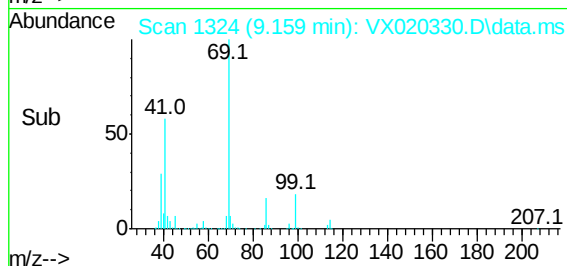
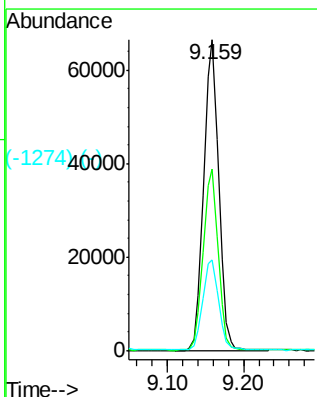
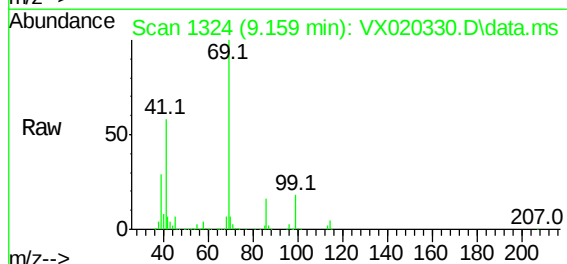
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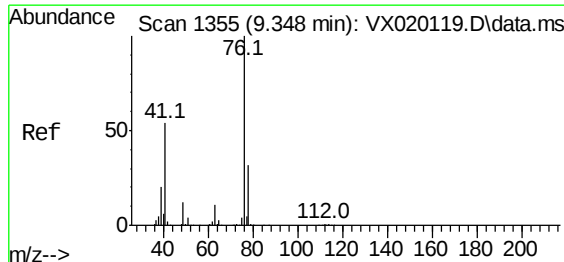


#560 (-)
Ethyl methacrylate
Concen: 21.14 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 69 Resp: 90281

Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.8	70.2
39	30.9	24.7	37.1



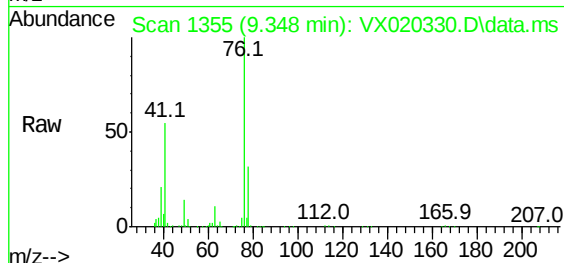


#577 (-)
1,3-Dichloropropane
Concen: 21.31 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

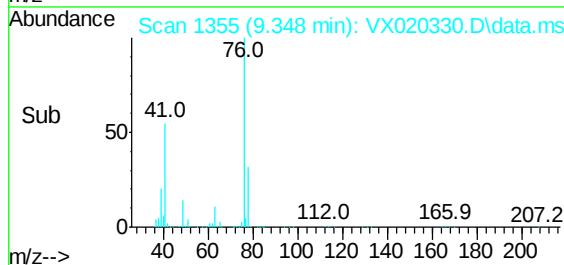
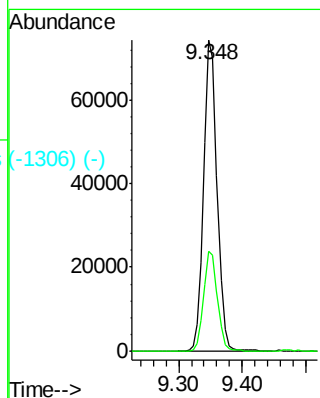
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Manual Integrations
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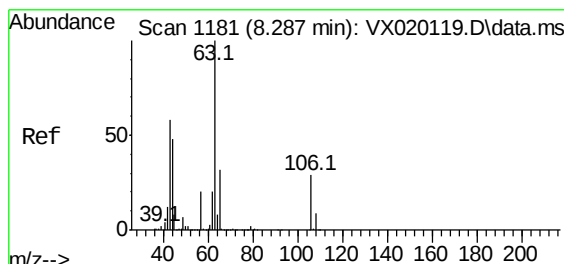
MMDadoda
12/24/2020 11:30:06 AM



Tgt Ion: 76 Resp: 105847
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

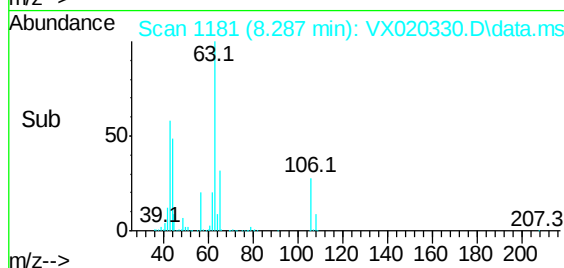
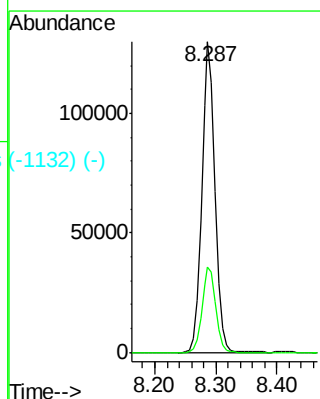
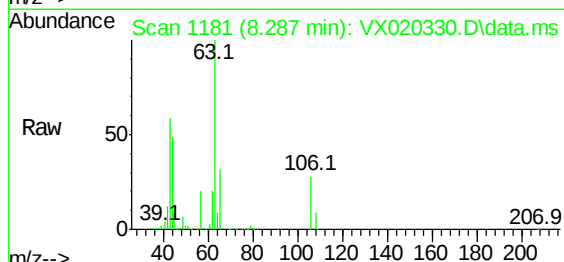


#1306 (-)

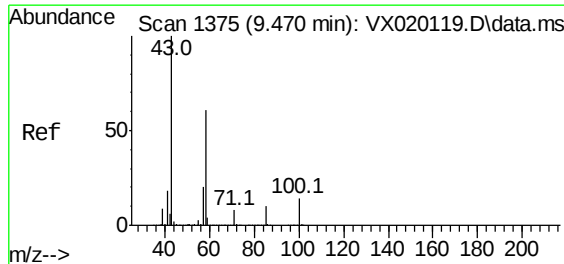


#578 (-)
2-Chloroethyl Vinyl ether
Concen: 87.90 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 63 Resp: 198573
Ion Ratio Lower Upper
63 100
106 28.4 23.5 35.3

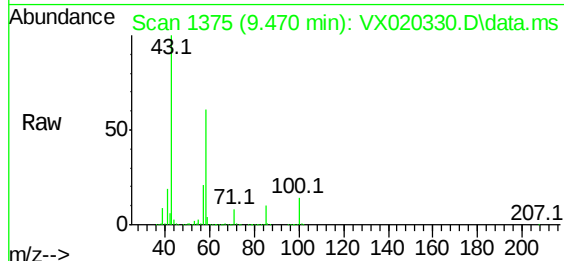


#1132 (-)



(-156) (-)
2-Hexanone
Concen: 110.73 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

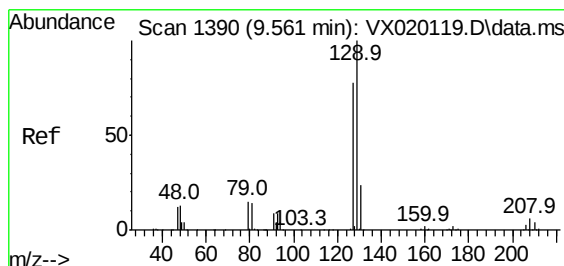
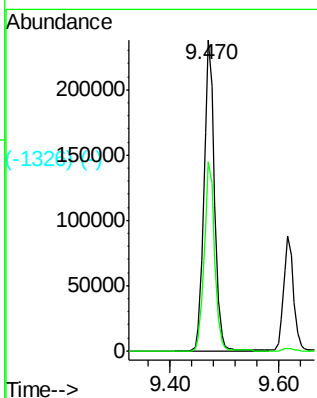
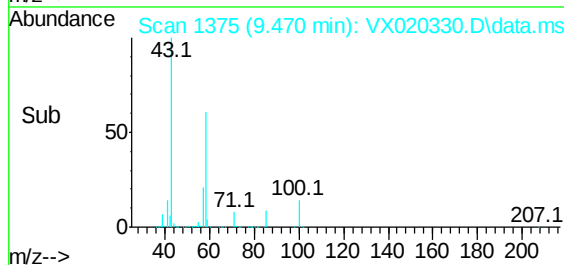
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01



Tgt Ion: 43 Resp: 319223
Ion Ratio Lower Upper
43 100
58 60.6 30.9 92.8

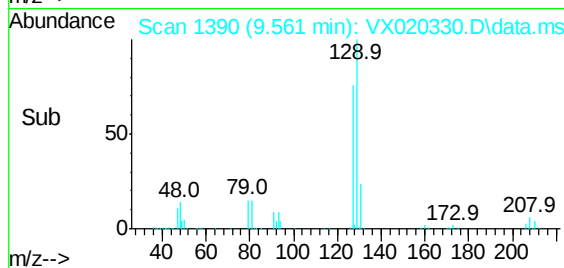
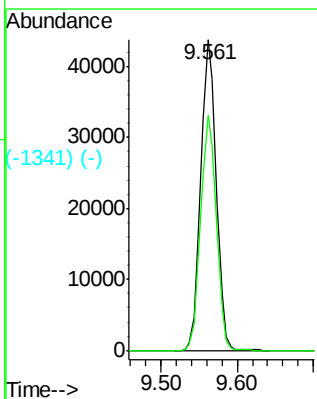
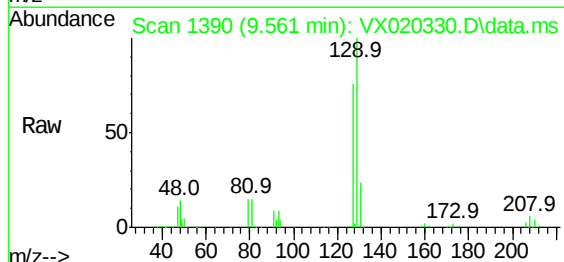
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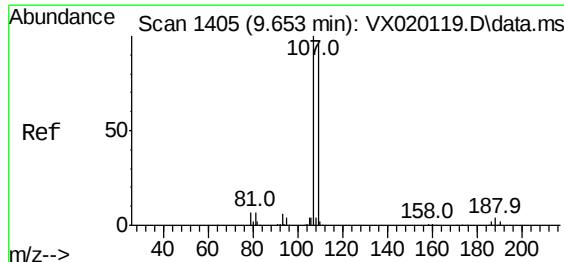
MMDadoda
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(-160) (-)
Dibromochloromethane
Concen: 21.08 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:129 Resp: 61038
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2



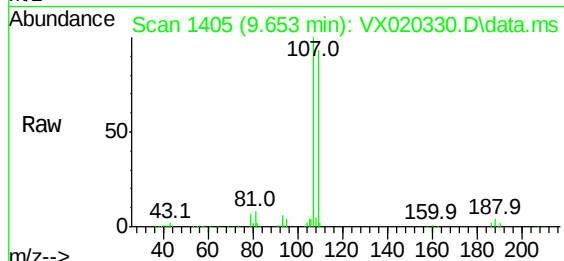


#617 (-)
1,2-Dibromoethane
Concen: 21.07 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

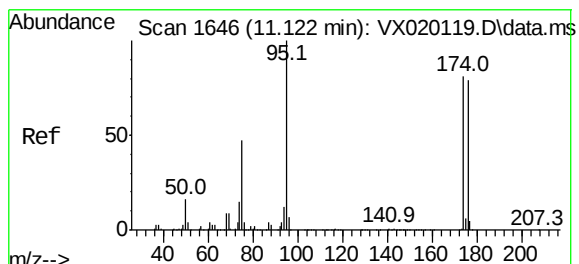
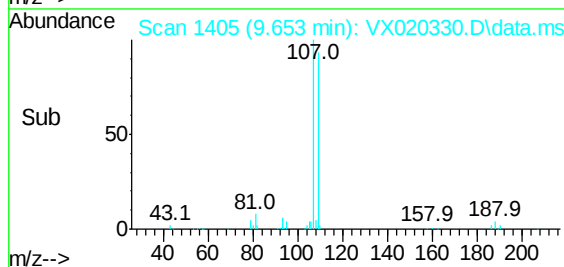
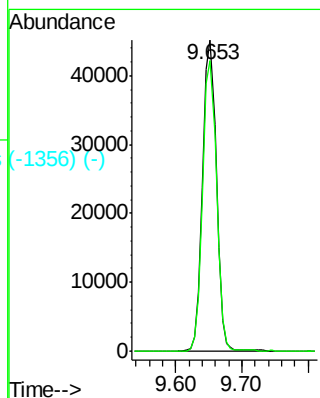
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

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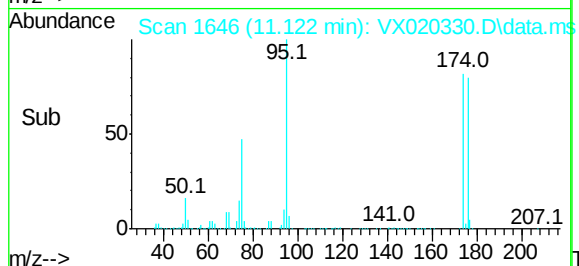
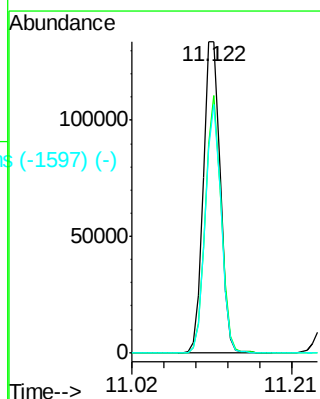
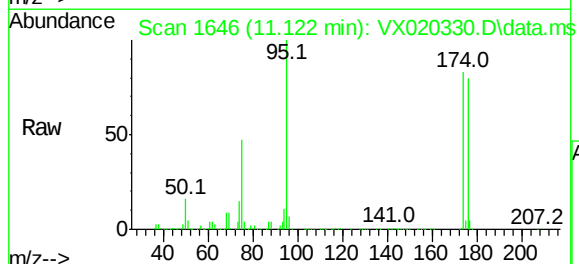


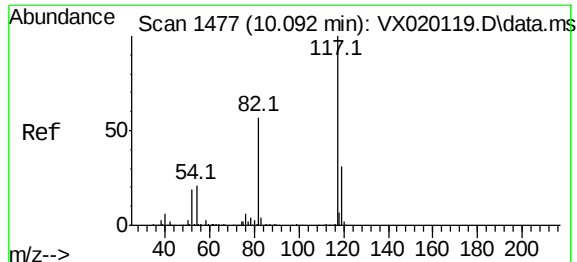
Tgt Ion:107 Resp: 64193
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#619 (-)
4-Bromofluorobenzene
Concen: 50.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 95 Resp: 177708
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 74.0 0.0 155.8





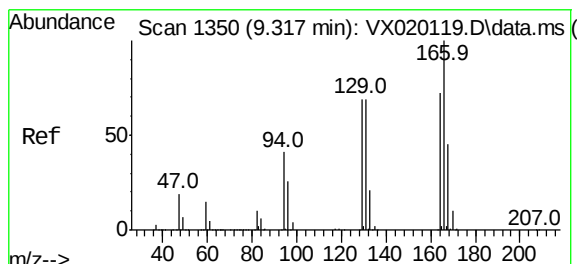
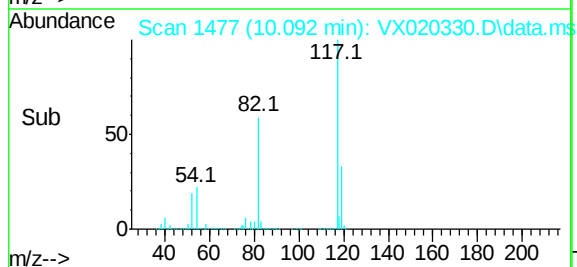
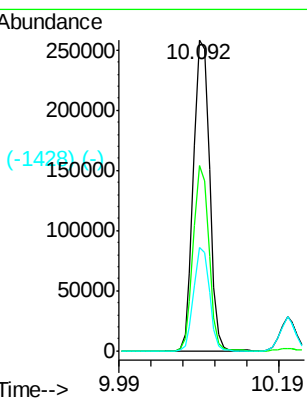
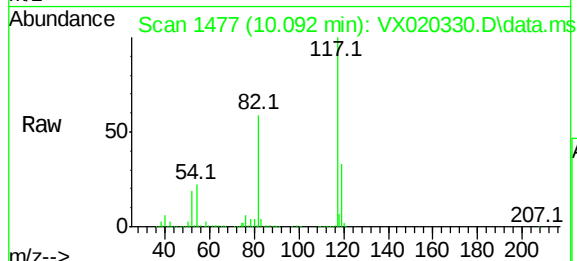
#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	117	Resp:	359941
Ion Ratio	Lower	Upper	
117	100		
82	59.5	47.4	71.2
119	33.2	26.6	39.8

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

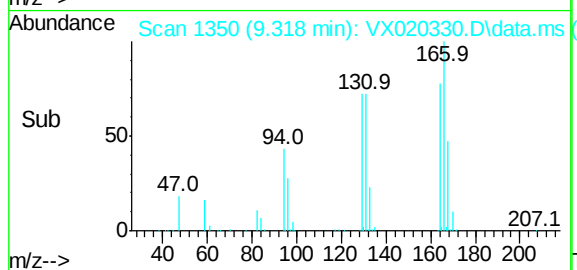
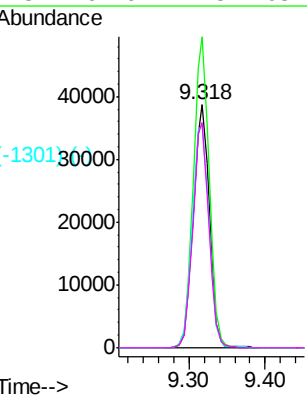
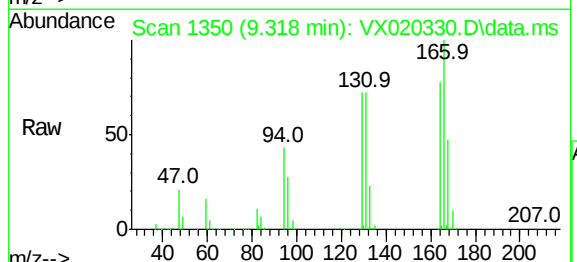
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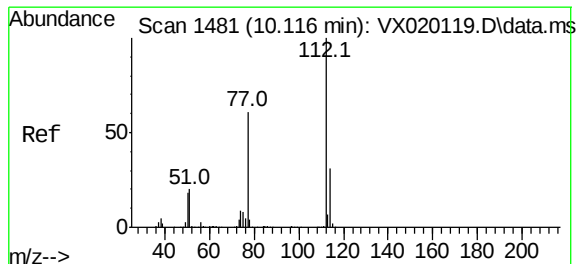
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#642 (-)
Tetrachloroethene
Concen: 20.42 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	164	Resp:	55373
Ion Ratio	Lower	Upper	
164	100		
166	128.1	103.4	155.2
129	91.9	70.8	106.2
131	92.6	72.5	108.7



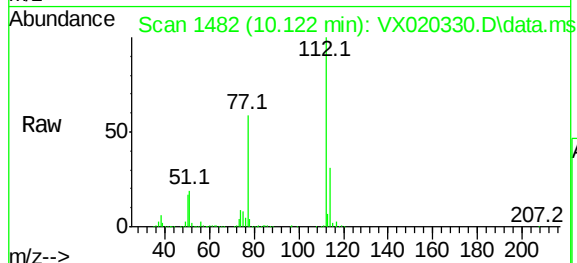


#6574 (-)
Chlorobenzene
Concen: 20.36 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

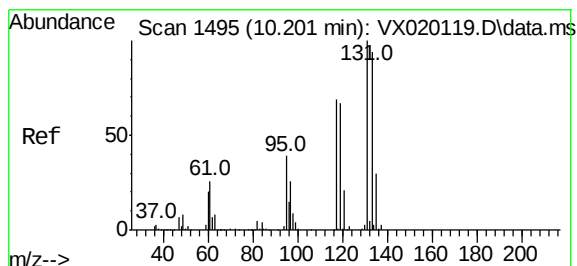
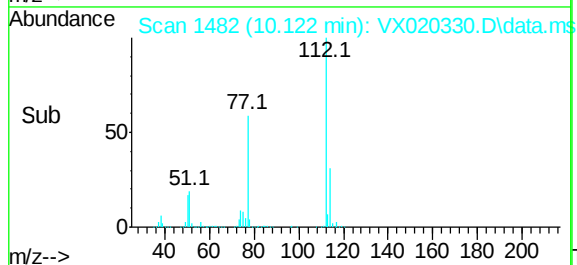
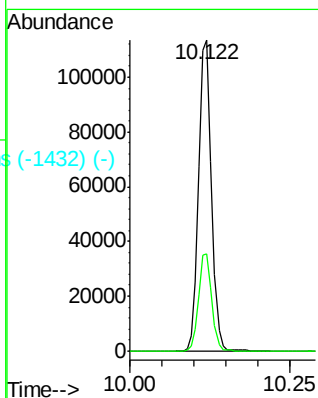
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

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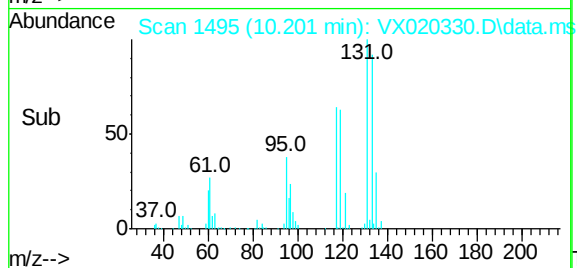
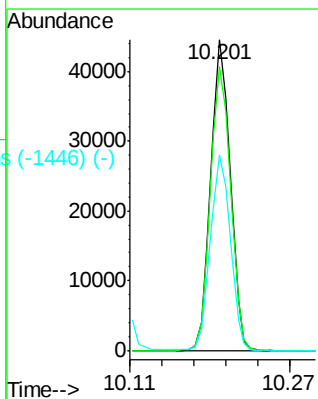
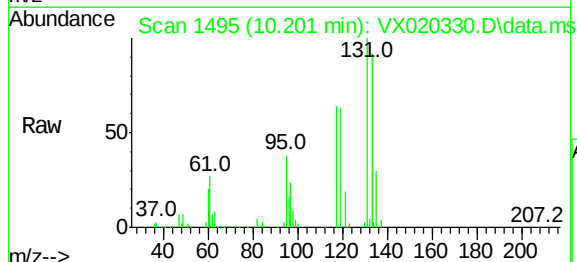


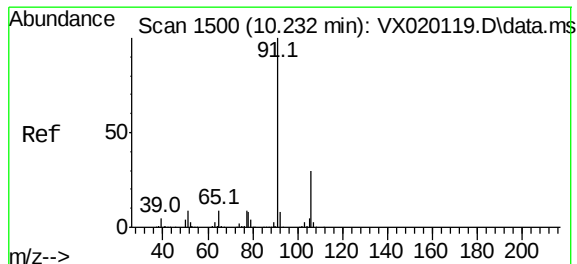
Tgt Ion:112 Resp: 157231
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#6588 (-)
1,1,1,2-Tetrachloroethane
Concen: 21.27 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:131 Resp: 58934
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 64.6 32.1 96.5





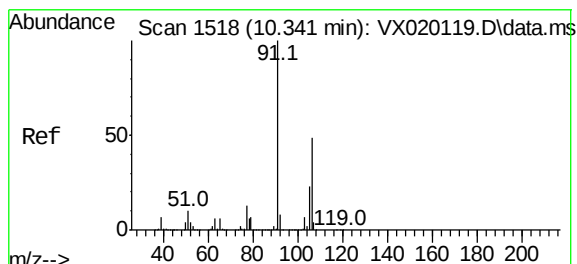
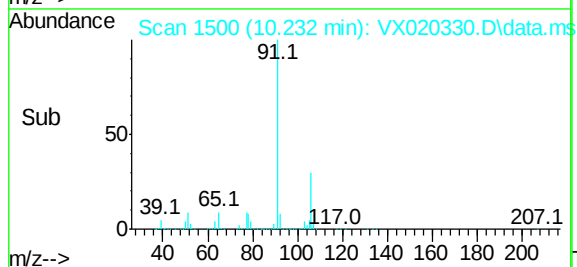
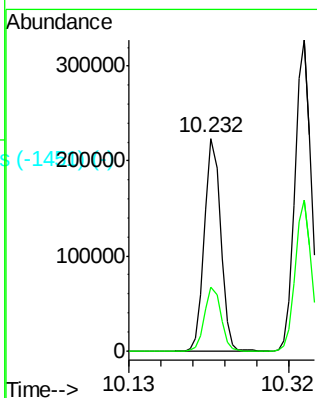
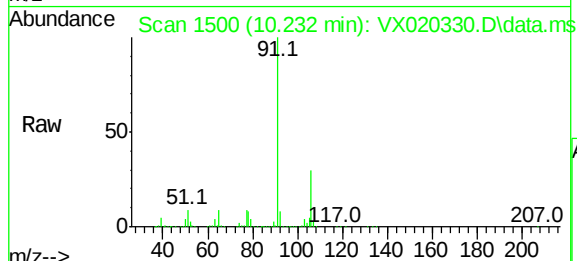
#6793 (-)
Ethyl Benzene
Concen: 21.06 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 91 Resp: 284300
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

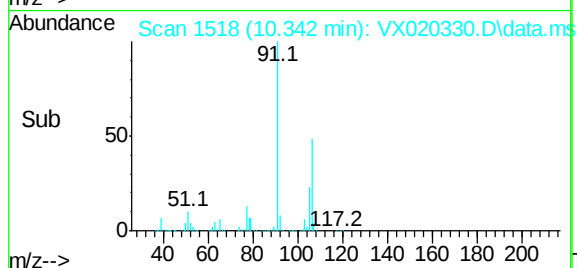
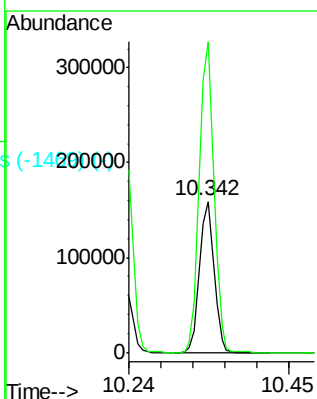
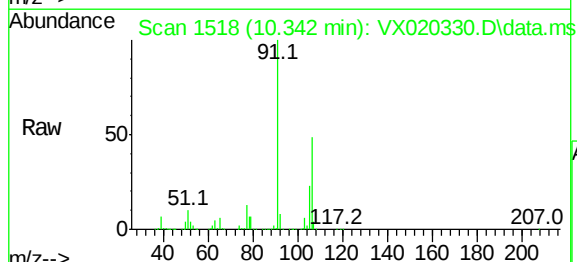
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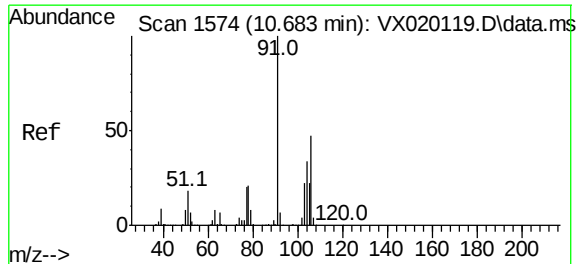
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#6811 (-)
m/p-Xylenes
Concen: 41.79 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:106 Resp: 210590
Ion Ratio Lower Upper
106 100
91 208.1 162.8 244.2





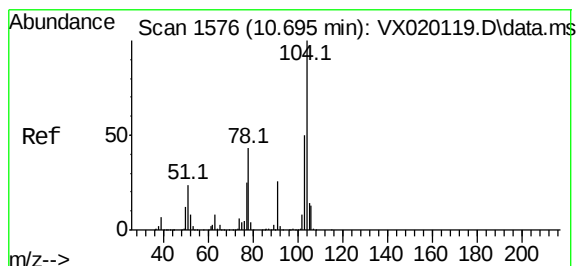
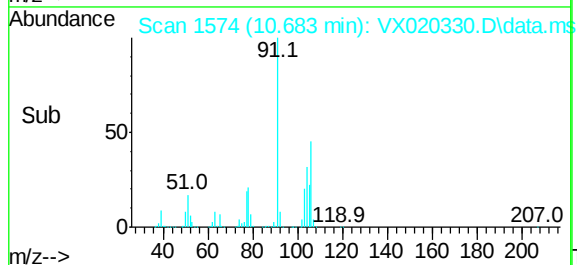
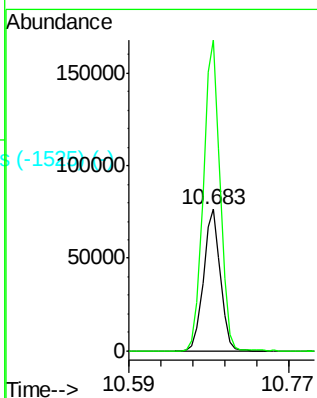
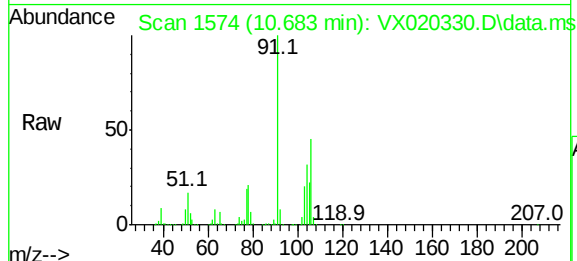
#1567 (-)
o-Xylene
Concen: 20.40 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:106 Resp: 98921
Ion Ratio Lower Upper
106 100
91 220.6 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

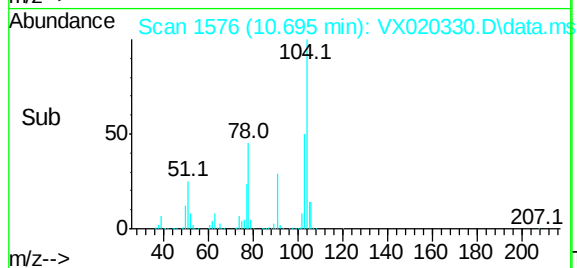
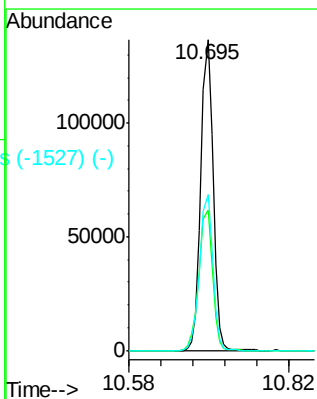
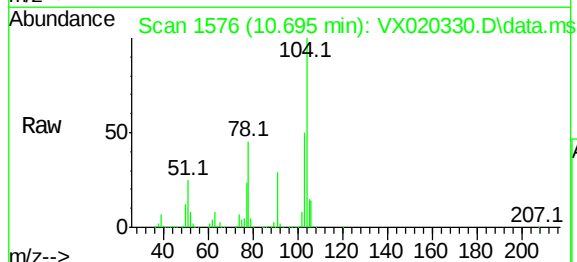
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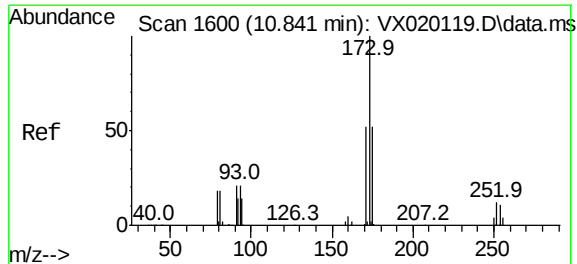
MMDadoda
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#1567 (-)
Styrene
Concen: 21.11 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:104 Resp: 173086
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.2 43.4 65.0





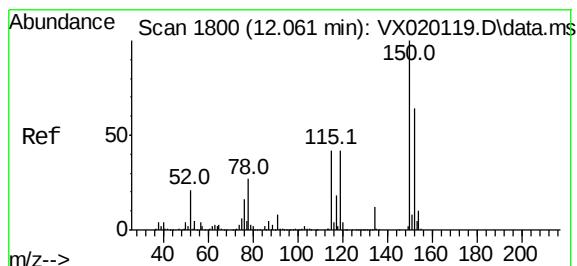
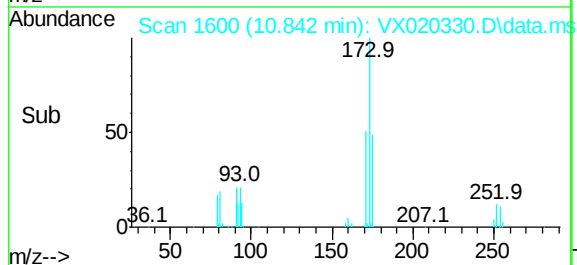
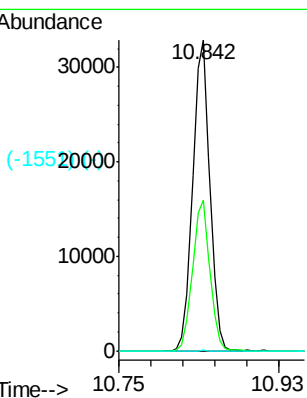
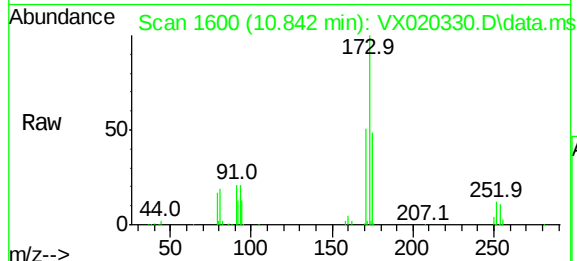
#1793 (-)
Bromoform
Concen: 20.47 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	173	Resp:	43919
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.9	71.8
254	0.1	0.1	0.1#

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

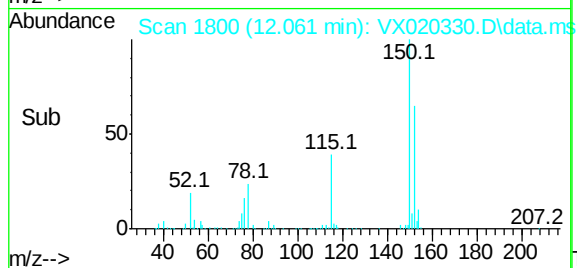
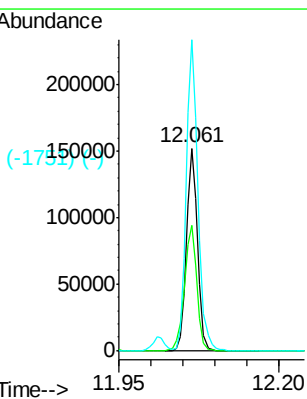
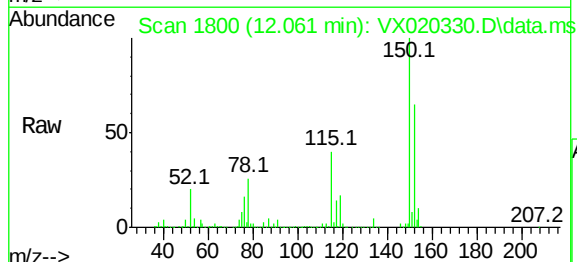
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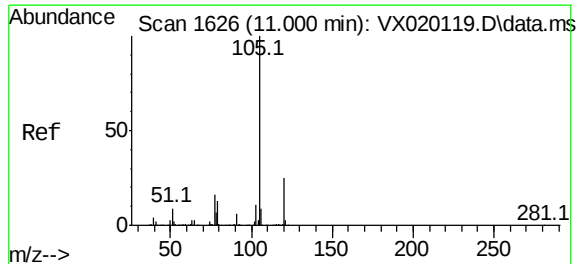
MMDadoda
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#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

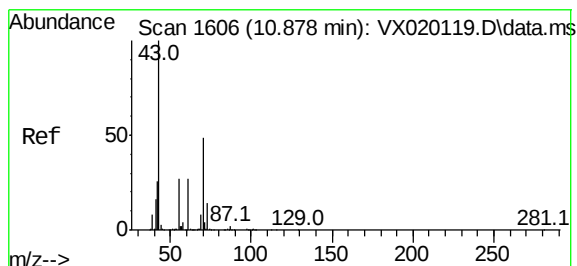
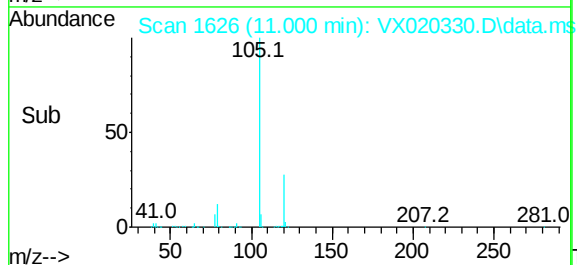
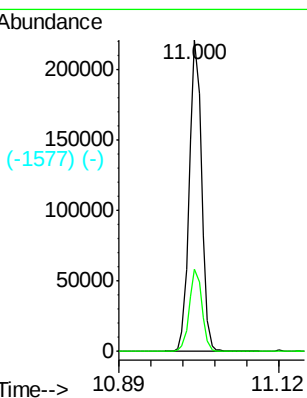
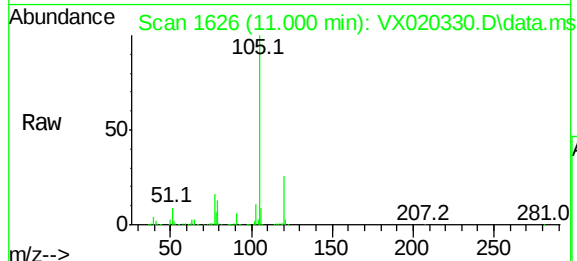
Tgt Ion:	152	Resp:	181169
Ion Ratio	Lower	Upper	
152	100		
115	69.6	41.1	123.3
150	162.6	0.0	349.0





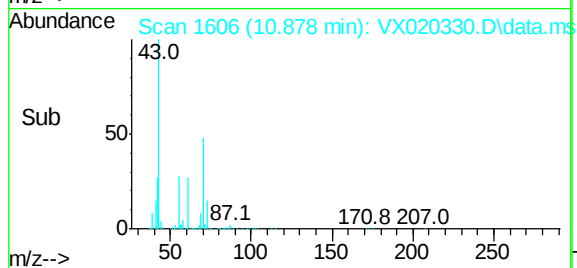
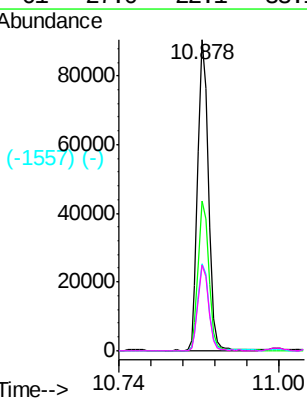
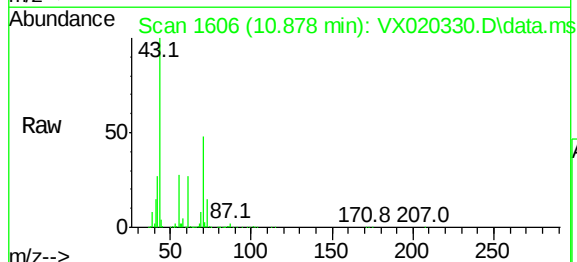
#1618 (-)
Isopropylbenzene
Concen: 20.65 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 105 Resp: 270036
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#1600 (-)
N-ethyl acetate
Concen: 20.82 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

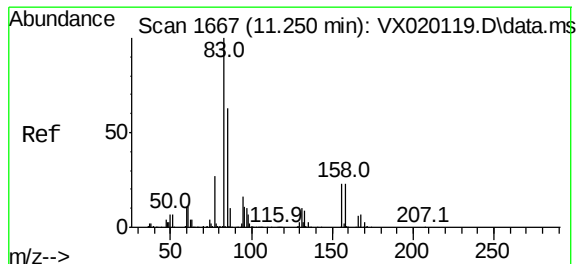
Tgt Ion: 43 Resp: 109754
Ion Ratio Lower Upper
43 100
70 48.2 39.0 58.6
55 28.4 21.5 32.3
61 27.0 22.1 33.1



Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

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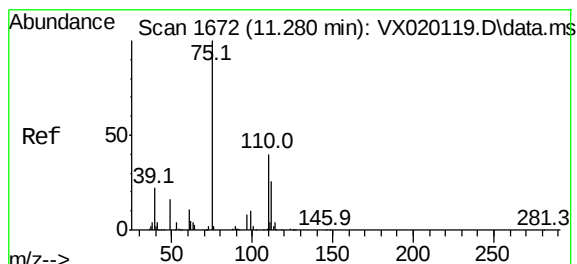
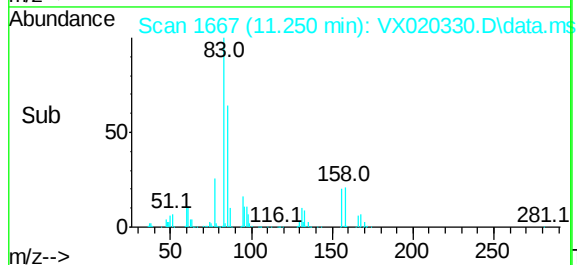
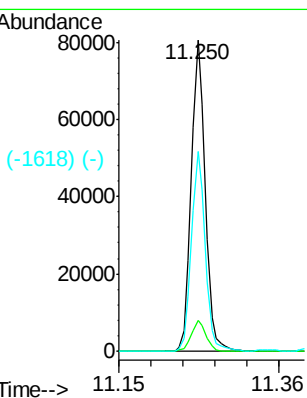
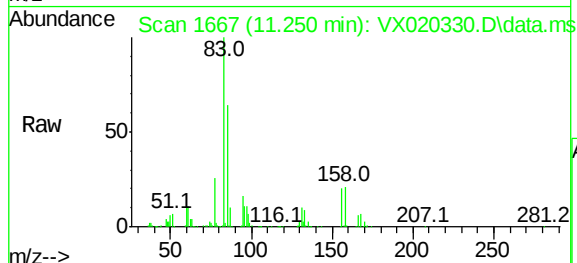
#1660 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 21.30 ug/l
 RT: 11.250 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	83	Resp:	101163
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	63.7	31.8	95.4

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

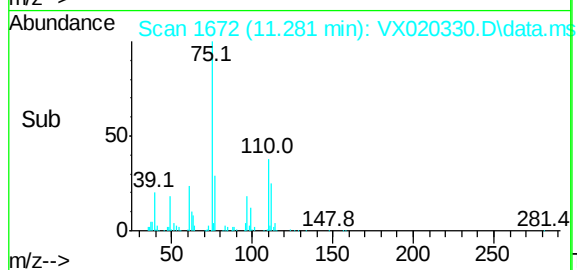
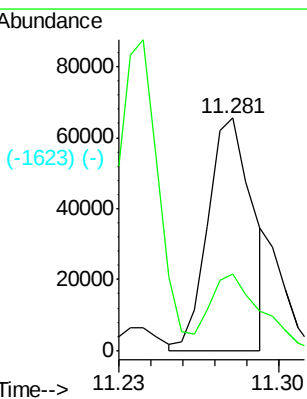
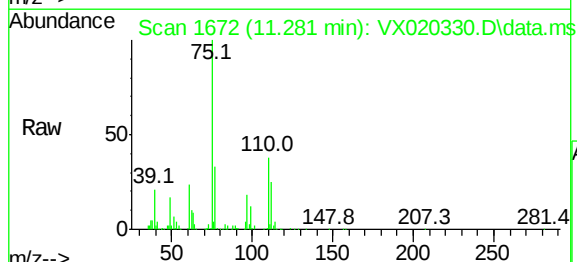
Manual Integrations
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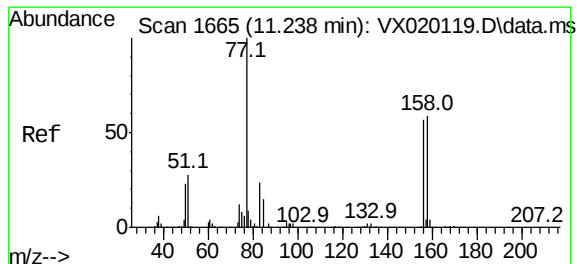
MMDadoda
 12/24/2020 11:30:06 AM



#1667 (-)
 1,2,3-Trichloropropane
 Concen: 21.23 ug/l m
 RT: 11.281 min Scan# 1672
 Delta R.T. 0.001 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	75	Resp:	94745
Ion Ratio	Lower	Upper	
75	100		
77	37.4	19.1	57.5





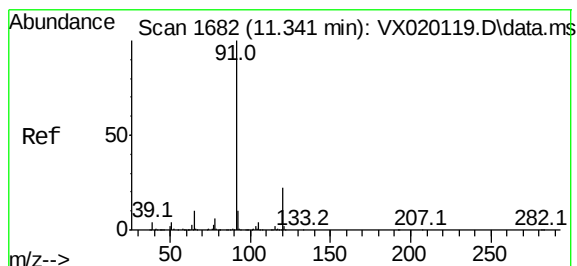
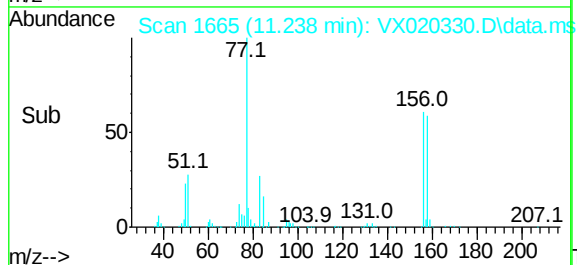
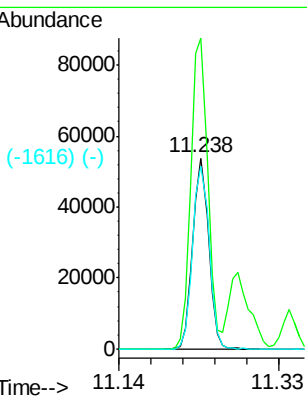
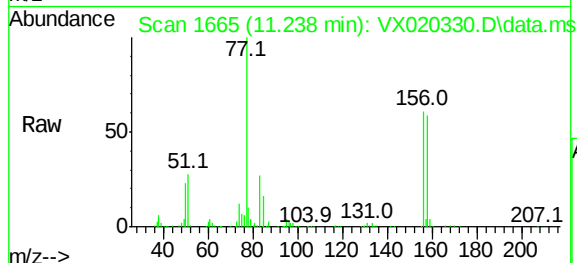
#1658 (-)
Bromobenzene
Concen: 19.41 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 156 Resp: 67072
Ion Ratio Lower Upper
156 100
77 174.1 82.8 248.6
158 100.1 49.1 147.4

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

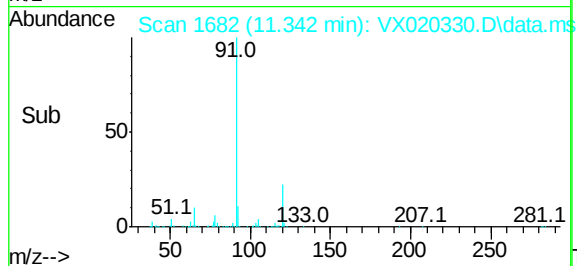
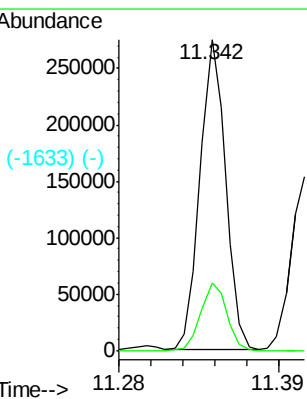
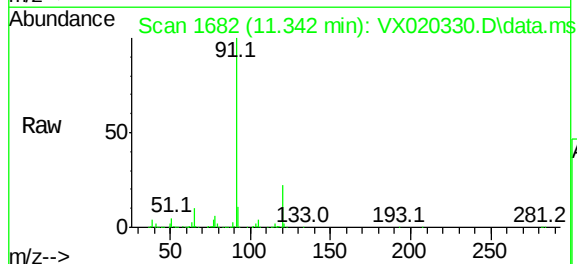
Manual Integrations
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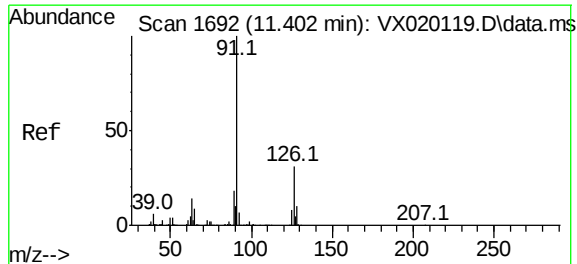
MMDadoda
12/24/2020 11:30:06 AM



#1677 (-)
n-propylbenzene
Concen: 21.22 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 91 Resp: 319780
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5





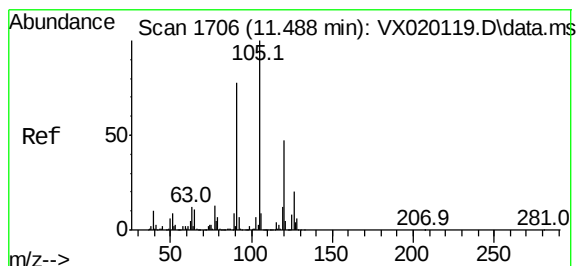
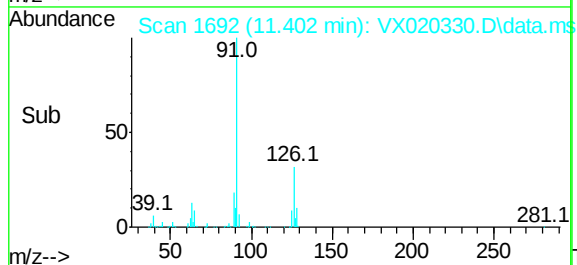
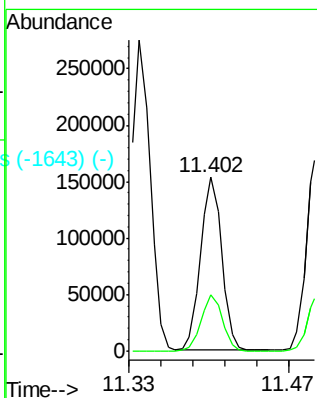
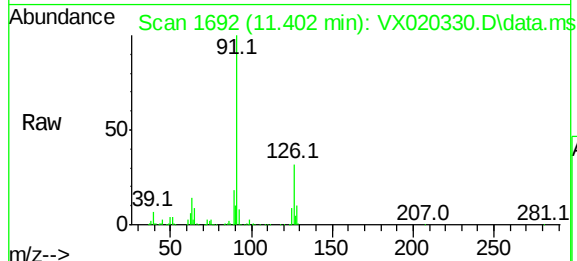
#1687 (-)
2-Chlorotoluene
Concen: 20.65 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion: 91 Resp: 194028
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.8

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

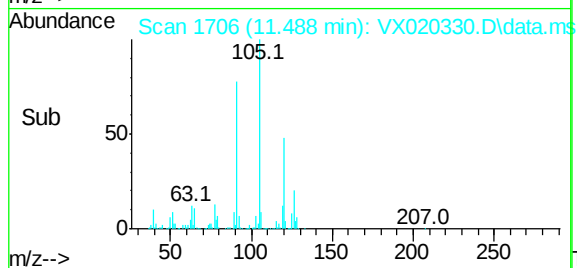
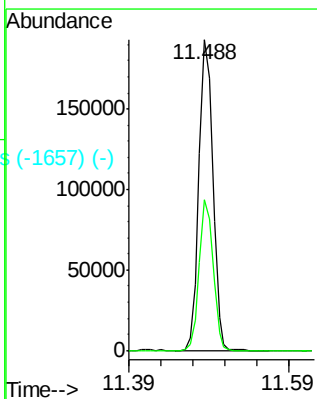
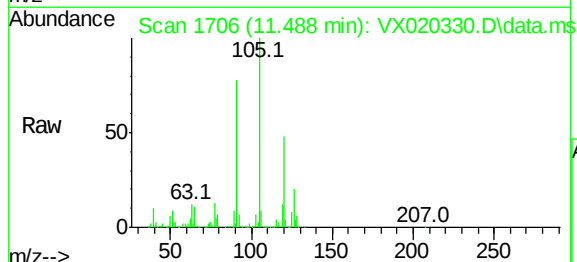
Manual Integrations
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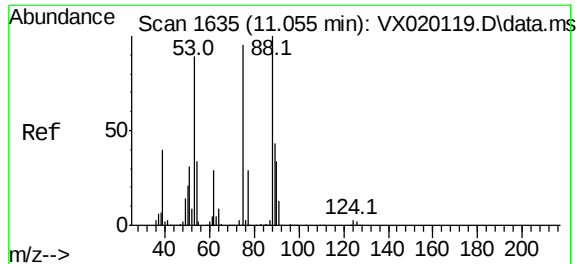
MMDadoda
12/24/2020 11:30:06 AM



#1688 (-)
1,3,5-Trimethylbenzene
Concen: 21.16 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:105 Resp: 234465
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5





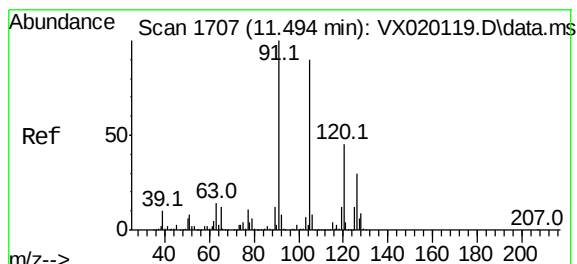
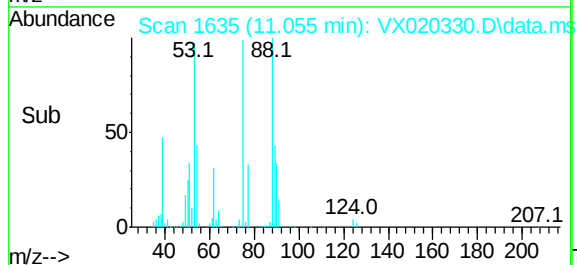
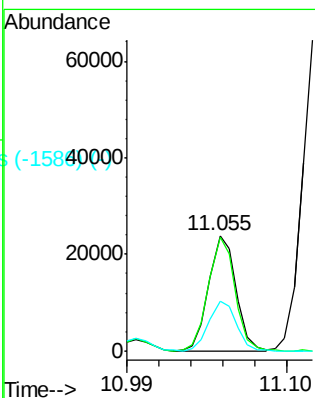
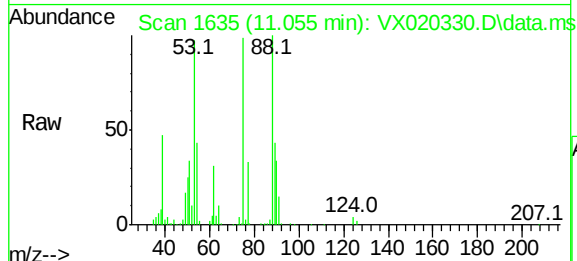
#830 (-)
trans-1,4-Dichloro-2-butene
Concen: 19.54 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	75	Resp:	29395
Ion Ratio	Lower	Upper	
75	100		
53	96.6	74.5	111.7
89	43.8	37.9	56.9

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

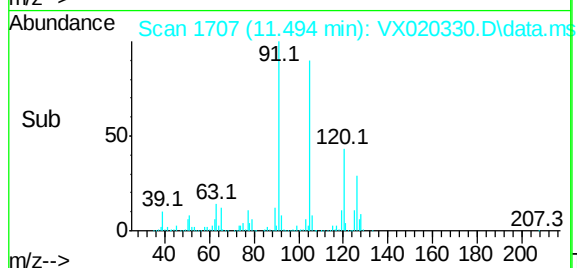
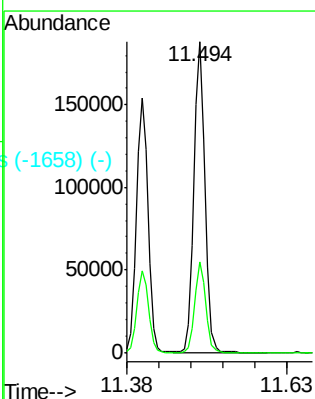
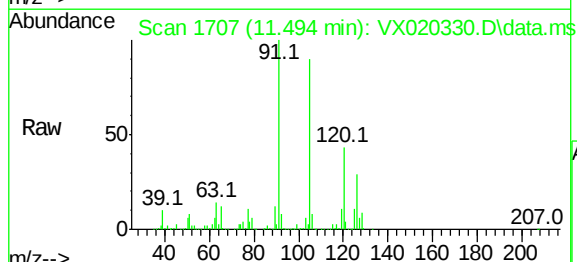
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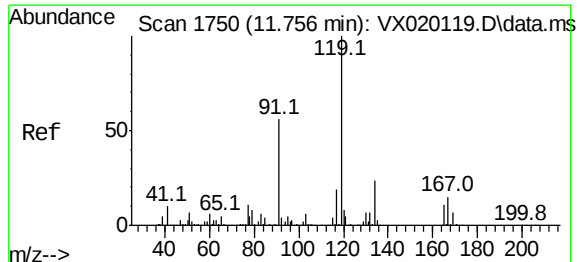
MMDadoda
12/24/2020 11:30:06 AM



#839 (-)
4-Chlorotoluene
Concen: 20.68 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	91	Resp:	226969
Ion Ratio	Lower	Upper	
91	100		
126	28.8	14.9	44.5





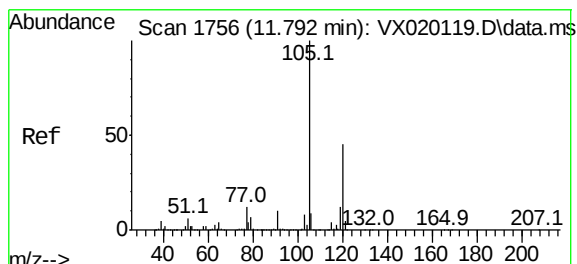
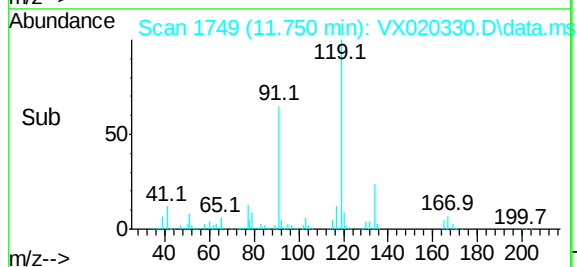
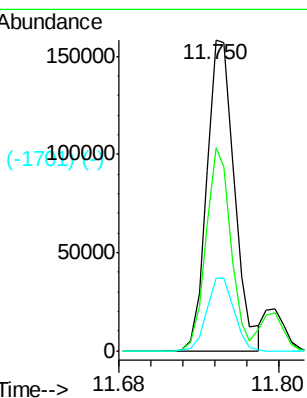
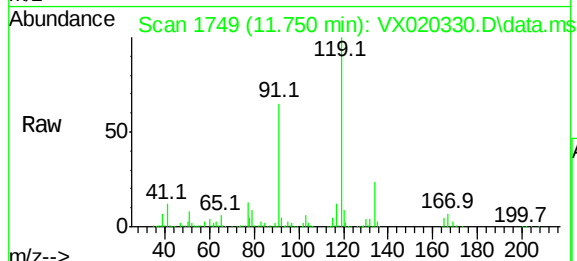
#842 (-)
tert-Butylbenzene
Concen: 20.67 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	119	Resp:	219877
Ion Ratio	Lower	Upper	
119	100		
91	58.6	27.9	83.7
134	22.9	11.3	33.9

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

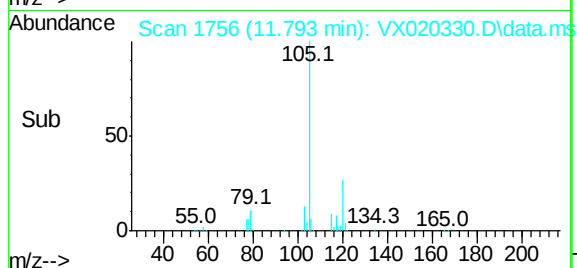
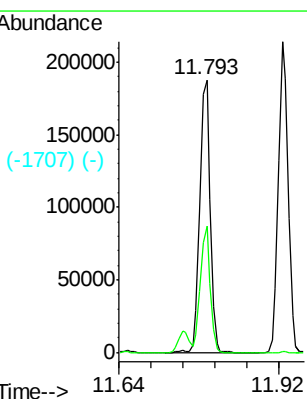
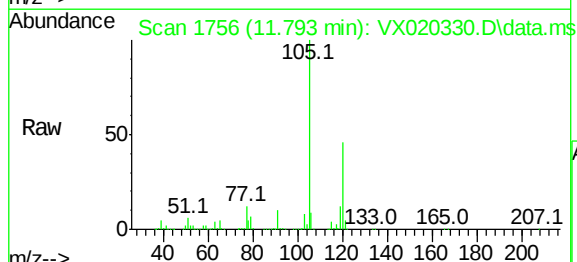
Manual Integrations
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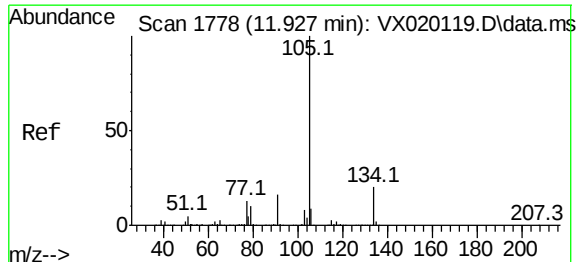
MMDadoda
12/24/2020 11:30:06 AM



#845 (-)
1,2,4-Trimethylbenzene
Concen: 21.00 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.001 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	105	Resp:	236204
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.4	67.3





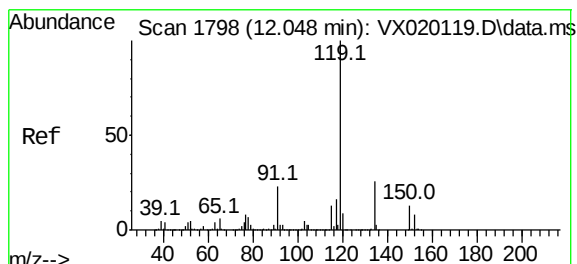
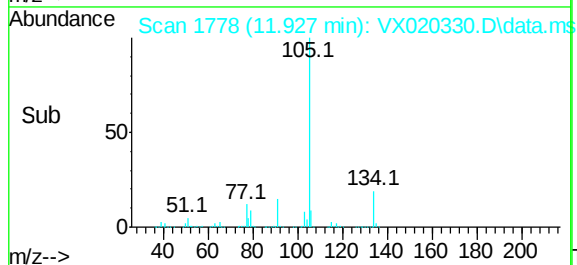
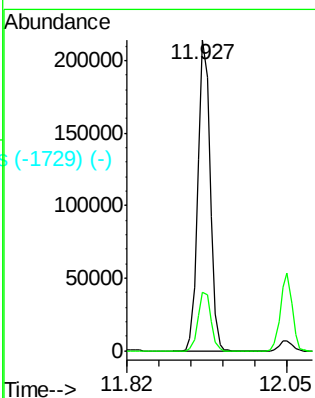
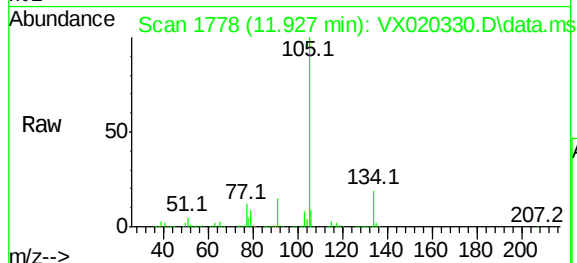
#8572 (-)
 sec-Butylbenzene
 Concen: 21.22 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:105 Resp: 260474
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

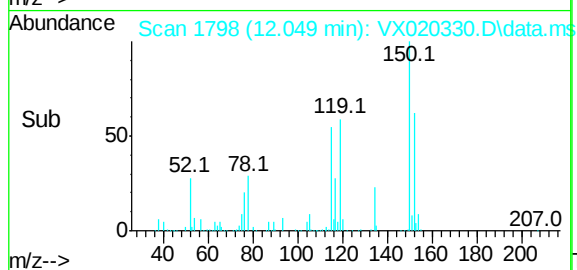
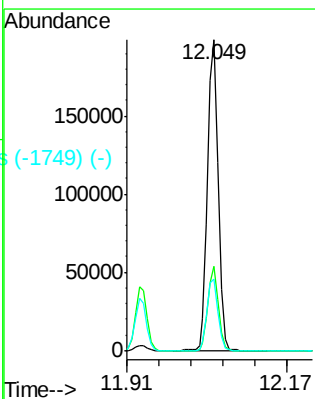
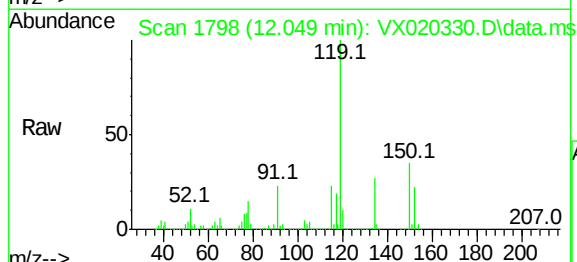
Manual Integrations
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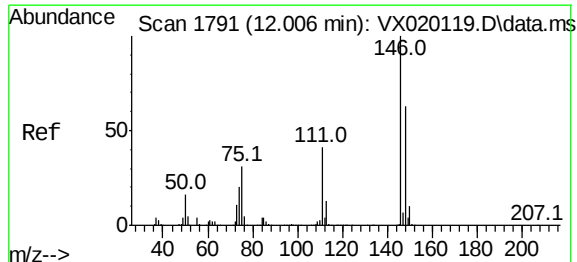
MMDadoda
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#8587 (-)
 p-Isopropyltoluene
 Concen: 20.85 ug/l
 RT: 12.049 min Scan# 1798
 Delta R.T. 0.001 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

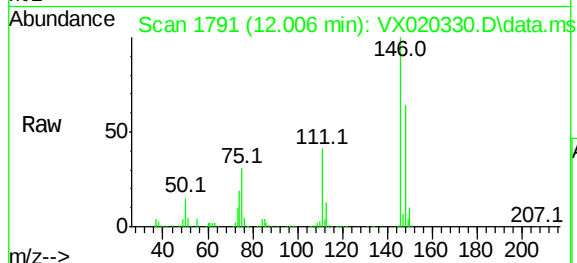
Tgt Ion:119 Resp: 236014
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.6 11.7 35.0





#8785 (-)
1,3-Dichlorobenzene
Concen: 20.04 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

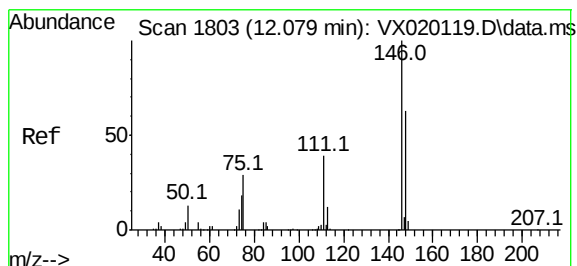
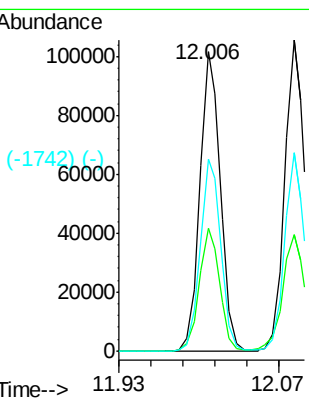
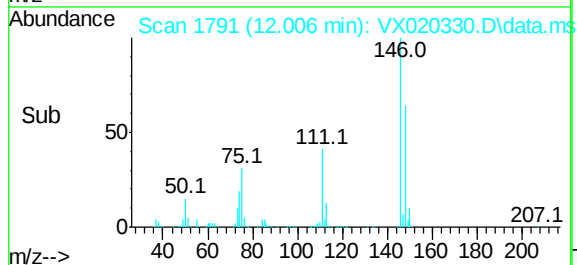
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01



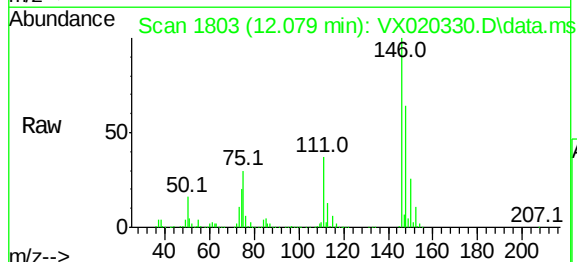
Tgt Ion:146 Resp: 123832
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.5
148 64.4 31.9 95.7

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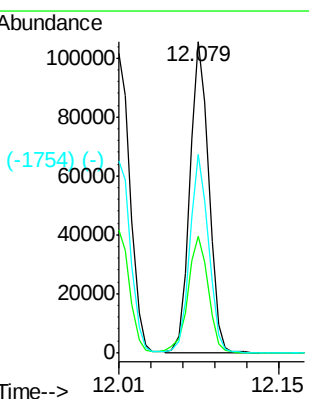
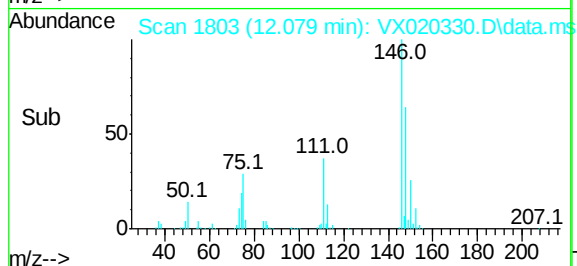
MMDadoda
12/24/2020 11:30:06 AM

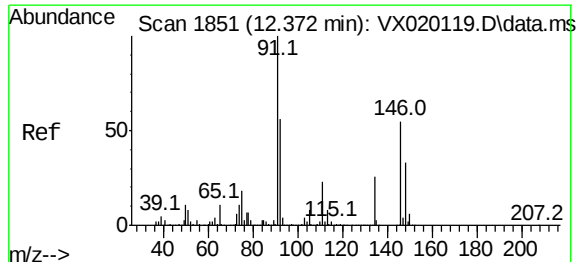


#8788 (-)
1,4-Dichlorobenzene
Concen: 19.57 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00



Tgt Ion:146 Resp: 126181
Ion Ratio Lower Upper
146 100
111 40.3 19.6 58.8
148 63.4 31.6 95.0





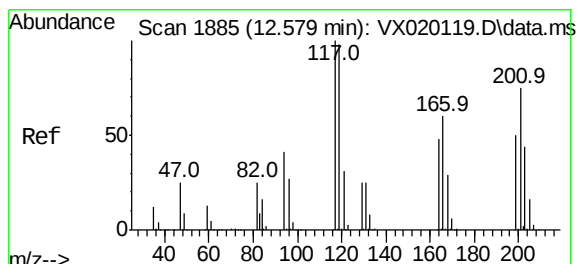
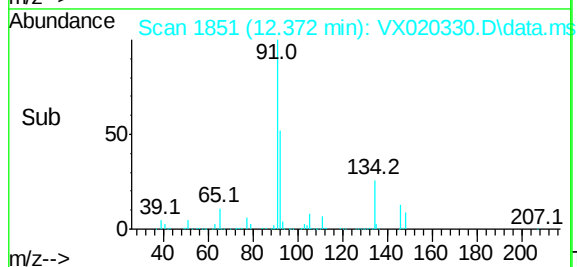
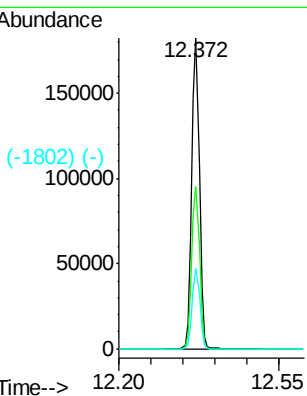
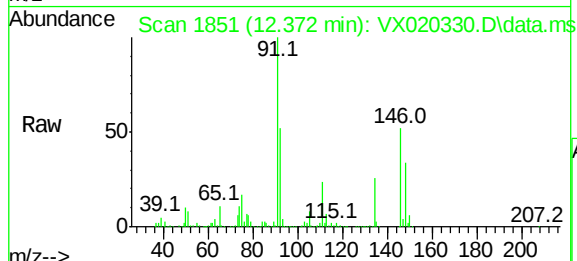
#1851 (-)
n-Butylbenzene
Concen: 20.89 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	91	Resp:	207185
Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.4	82.0
134	25.5	13.2	39.5

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

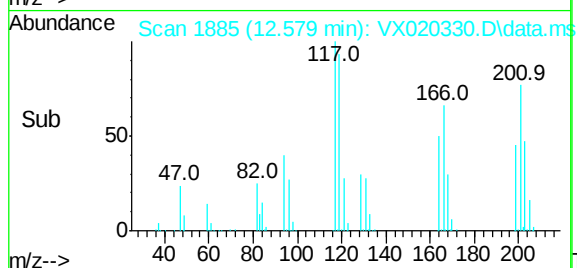
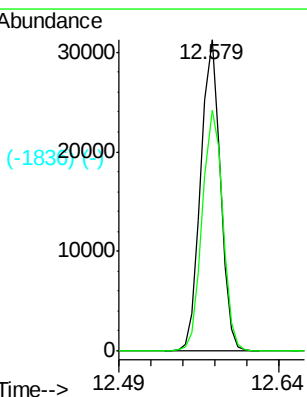
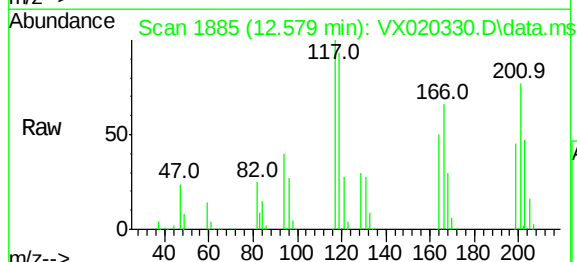
Manual Integrations
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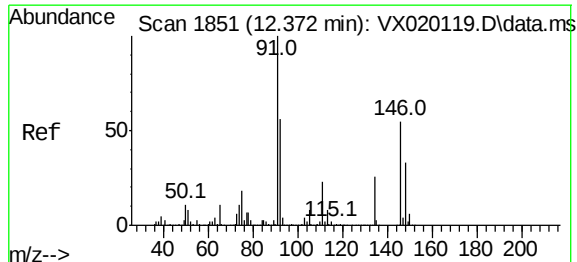
MMDadoda
12/24/2020 11:30:06 AM



#1885 (-)
Hexachloroethane
Concen: 19.86 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	117	Resp:	38775
Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.4	121.2





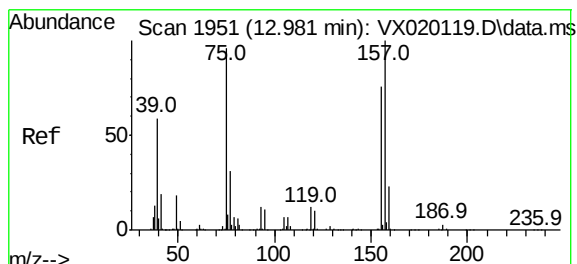
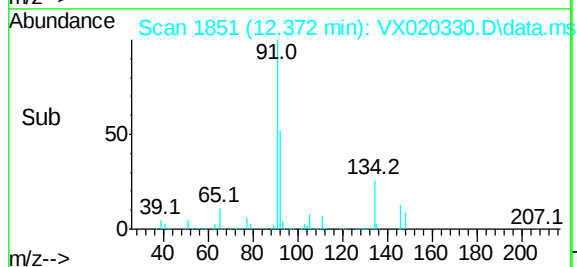
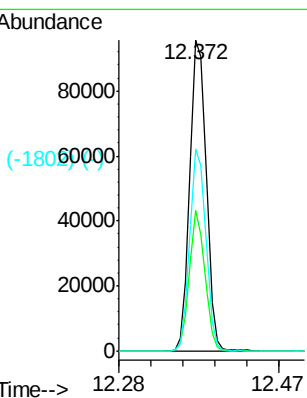
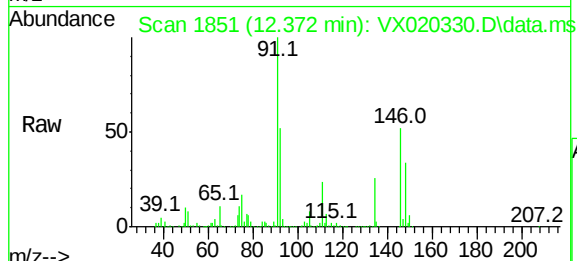
#9144 (-)
1,2-Dichlorobenzene
Concen: 20.24 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	146	Resp:	124419
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.8	62.2
148	63.8	31.9	95.5

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

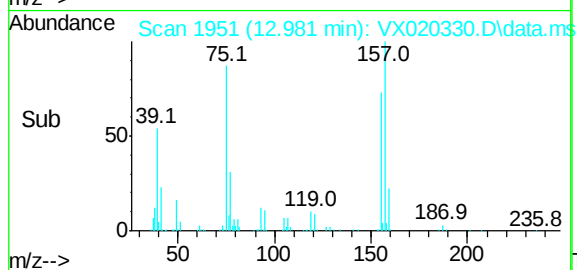
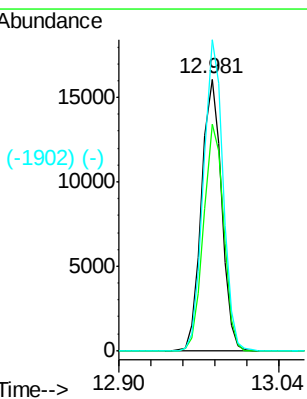
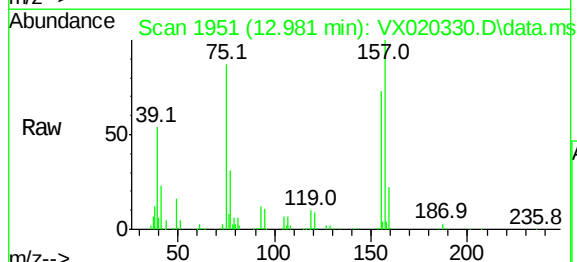
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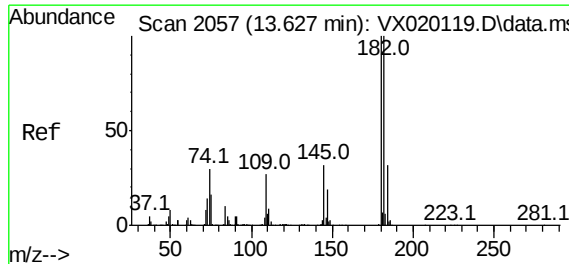
MMDadoda
12/24/2020 11:30:06 AM



#9144 (-)
1,2-Dibromo-3-Chloropropane
Concen: 20.40 ug/l
RT: 12.981 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VX020330.D
Acq: 23 Dec 2020 12:00

Tgt Ion:	75	Resp:	20331
Ion	Ratio	Lower	Upper
75	100		
155	83.4	45.3	135.9
157	111.6	57.7	173.1





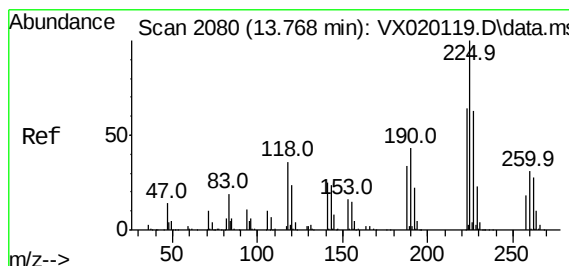
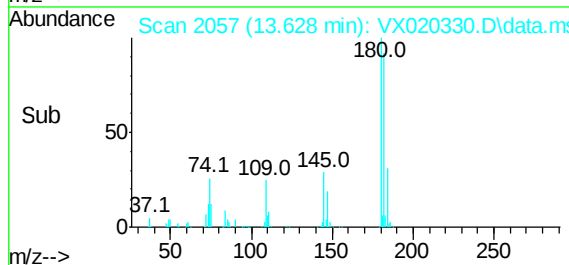
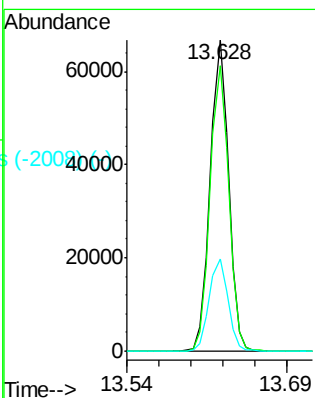
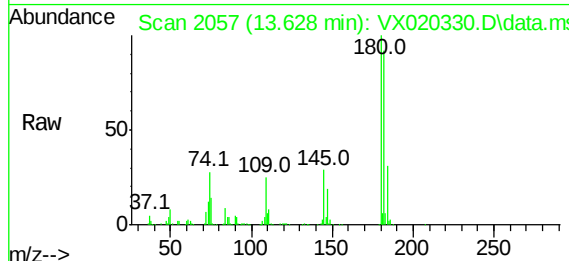
Scan 2057 (13.627 min): VX020119.D\data.ms (#9050) (-)
 1,2,4-Trichlorobenzene
 Concen: 19.59 ug/l
 RT: 13.628 min Scan# 2057
 Delta R.T. 0.001 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	180	Resp:	77441
Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.7	143.1
145	30.1	15.0	45.0

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

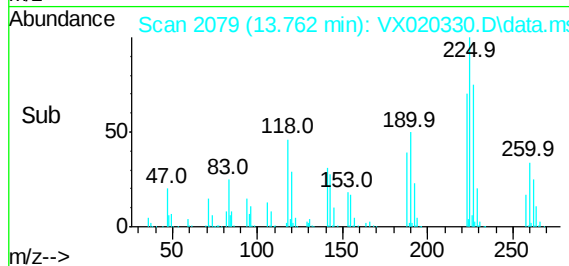
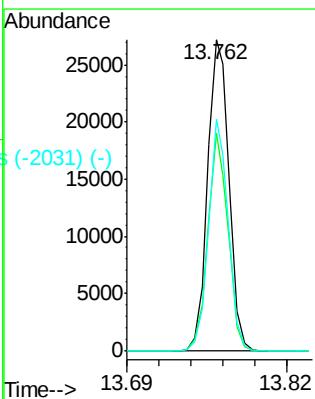
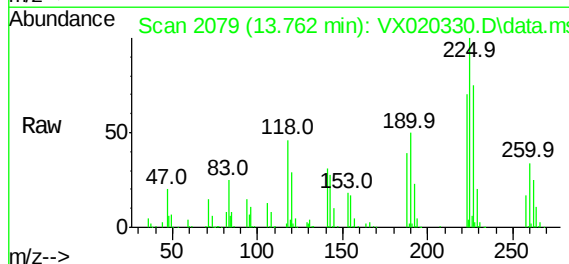
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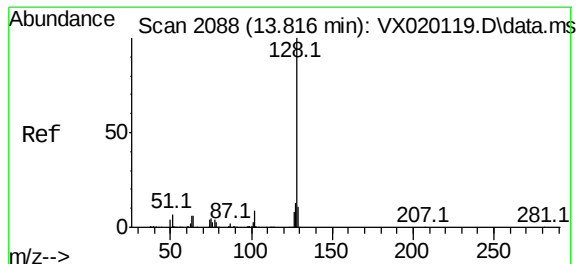
MMDadoda
 12/24/2020 11:30:06 AM



Scan 2073 (13.763 min): VX020119.D\data.ms (#9073) (-)
 Hexachlorobutadiene
 Concen: 22.28 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	225	Resp:	34412
Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.1	93.2
227	68.6	31.6	95.0





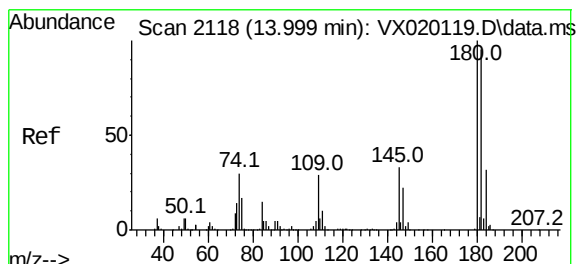
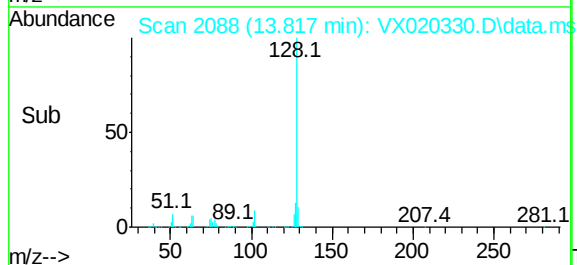
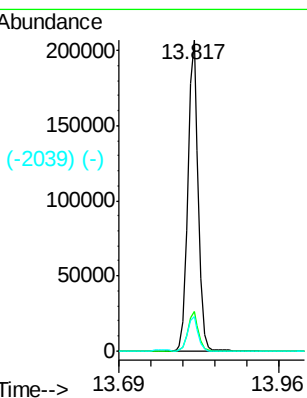
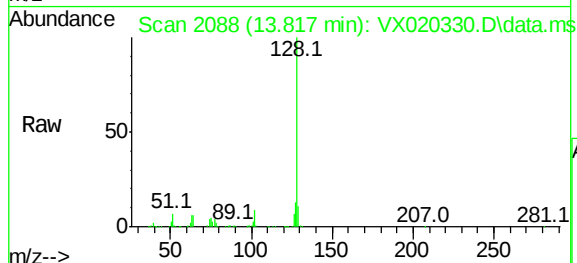
Scan 2088 (13.816 min): VX020119.D\data.ms
 #950 (-)
 Naphthalene
 Concen: 20.03 ug/l
 RT: 13.817 min Scan# 2088
 Delta R.T. 0.001 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tgt Ion:	128	Resp:	250762
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.1	8.8	13.2

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Scan 2118 (13.999 min): VX020119.D\data.ms
 #9610 (-)
 1,2,3-Trichlorobenzene
 Concen: 19.18 ug/l
 RT: 14.000 min Scan# 2118
 Delta R.T. 0.001 min
 Lab File: VX020330.D
 Acq: 23 Dec 2020 12:00

Tgt Ion:	180	Resp:	75014
Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.6	142.9
145	33.5	16.1	48.3

