

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068741.D
 Acq On : 29 Sep 2021 14:51
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:17 PM

Quant Time: Sep 29 15:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 15:10:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	459941	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	799029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	749159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	314204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	52726	8.128	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	16.260%#		
35) Dibromofluoromethane	8.024	113	41440	7.859	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	15.720%#		
50) Toluene-d8	10.443	98	154620	7.752	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	15.500%#		
62) 4-Bromofluorobenzene	12.731	95	52892	7.484	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	14.960%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	49336	9.912	ug/l	97
3) Chloromethane	2.306	50	51998	9.709	ug/l	99
4) Vinyl Chloride	2.445	62	94319	9.333	ug/l	95
5) Bromomethane	2.872	94	82582	10.388	ug/l	99
6) Chloroethane	3.025	64	77122	8.709	ug/l	100
7) Trichlorofluoromethane	3.381	101	80988	9.242	ug/l	99
8) Diethyl Ether	3.835	74	26076	9.285	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.215	101	48412	9.737	ug/l	94
10) Methyl Iodide	4.427	142	31261	6.714	ug/l	93
11) Tert butyl alcohol	5.361	59	41219	47.862	ug/l	# 85
12) 1,1-Dichloroethene	4.186	96	40266	9.388	ug/l	# 76
13) Acrolein	4.052	56	5253	32.939	ug/l	# 69
14) Allyl chloride	4.848	41	62890	9.272	ug/l	# 88
15) Acrylonitrile	5.554	53	111401	45.706	ug/l	95
16) Acetone	4.291	43	129349	53.042	ug/l	98
17) Carbon Disulfide	4.535	76	84273	8.718	ug/l	96
18) Methyl Acetate	4.862	43	72657	9.441	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	159638	9.188	ug/l	98
20) Methylene Chloride	5.095	84	52429	9.549	ug/l	84
21) trans-1,2-Dichloroethene	5.599	96	45436	9.347	ug/l	88
22) Diisopropyl ether	6.495	45	151295	9.371	ug/l	# 91
23) Vinyl Acetate	6.436	43	593383	46.264	ug/l	# 92
24) 1,1-Dichloroethane	6.391	63	90156	9.288	ug/l	97
25) 2-Butanone	7.335	43	173157	48.422	ug/l	91
26) 2,2-Dichloropropane	7.327	77	85480	9.310	ug/l	93
27) cis-1,2-Dichloroethene	7.329	96	58247	9.288	ug/l	85
28) Bromochloromethane	7.656	49	37641	8.324	ug/l	# 74
29) Tetrahydrofuran	7.686	42	104817	47.107	ug/l	91
30) Chloroform	7.820	83	103104	9.043	ug/l	100
31) Cyclohexane	8.096	56	78821	9.786	ug/l	# 80
32) 1,1,1-Trichloroethane	8.018	97	92082	9.027	ug/l	97
36) 1,1-Dichloropropene	8.220	75	68229	8.994	ug/l	95
37) Ethyl Acetate	7.415	43	67515	9.436	ug/l	98
38) Carbon Tetrachloride	8.209	117	78011	8.587	ug/l	97
39) Methylcyclohexane	9.464	83	77830	8.784	ug/l	93
40) Benzene	8.461	78	209839	9.107	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068741.D
 Acq On : 29 Sep 2021 14:51
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:17 PM

Quant Time: Sep 29 15:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 15:10:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	33572	9.807	ug/l	90
42) 1,2-Dichloroethane	8.531	62	79781	8.815	ug/l	98
43) Isopropyl Acetate	8.560	43	122847	9.272	ug/l	96
44) Trichloroethene	9.217	130	54719	8.851	ug/l	86
45) 1,2-Dichloropropane	9.491	63	54585	9.179	ug/l	97
46) Dibromomethane	9.579	93	42983	9.433	ug/l	95
47) Bromodichloromethane	9.764	83	84338	9.142	ug/l #	97
48) Methyl methacrylate	9.558	41	50366	8.853	ug/l	86
49) 1,4-Dioxane	9.571	88	16419	181.454	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	382395	47.424	ug/l	97
52) Toluene	10.507	92	139567	8.946	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	86492	9.086	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	88831	8.949	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	59183	8.982	ug/l	96
56) Ethyl methacrylate	10.762	69	82879	9.245	ug/l	92
57) 1,3-Dichloropropane	11.046	76	95348	9.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	66457	34.325	ug/l	91
59) 2-Hexanone	11.087	43	265248	47.803	ug/l	98
60) Dibromochloromethane	11.240	129	64504	9.109	ug/l	98
61) 1,2-Dibromoethane	11.347	107	58887	9.057	ug/l	100
64) Tetrachloroethene	10.979	164	49014	8.769	ug/l	95
65) Chlorobenzene	11.773	112	158292	9.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	59967	8.906	ug/l	99
67) Ethyl Benzene	11.846	91	278361	9.112	ug/l	97
68) m/p-Xylenes	11.956	106	208938	18.380	ug/l	87
69) o-Xylene	12.283	106	102101	9.036	ug/l	87
70) Styrene	12.296	104	160701	8.798	ug/l	93
71) Bromoform	12.460	173	42052	8.689	ug/l #	100
73) Isopropylbenzene	12.581	105	272581	9.703	ug/l	98
74) N-amyl acetate	12.393	43	87671	9.649	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	81478	9.745	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	62464m	9.103	ug/l	
77) Bromobenzene	12.862	156	59183	9.251	ug/l	76
78) n-propylbenzene	12.924	91	303253	9.516	ug/l	98
79) 2-Chlorotoluene	13.010	91	175251	9.533	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	213987	9.538	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	21943	8.903	ug/l	97
82) 4-Chlorotoluene	13.106	91	180922	9.818	ug/l	92
83) tert-Butylbenzene	13.326	119	190986	9.640	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	212225	9.626	ug/l	93
85) sec-Butylbenzene	13.503	105	275816	9.646	ug/l	98
86) p-Isopropyltoluene	13.618	119	217118	9.422	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	111450	9.317	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	112354	9.532	ug/l	96
89) n-Butylbenzene	13.946	91	192541	9.516	ug/l	96
90) Hexachloroethane	14.214	117	43471	9.426	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	109274	9.623	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	14576	10.030	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	56256	10.779	ug/l	97
94) Hexachlorobutadiene	15.372	225	29071	10.165	ug/l	95
95) Naphthalene	15.509	128	151912	11.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	54410	10.969	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
Data File : VN068741.D
Acq On : 29 Sep 2021 14:51
Operator : JC/MD
Sample : VSTDIC010
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

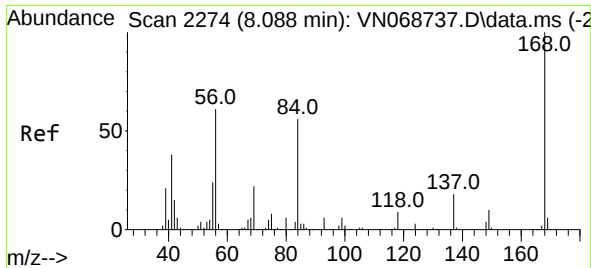
Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM

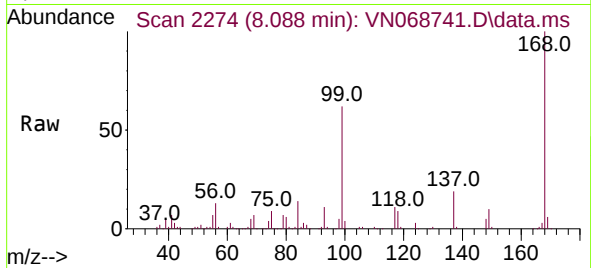
Quant Time: Sep 29 15:10:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 15:10:32 2021
Response via : Initial Calibration

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

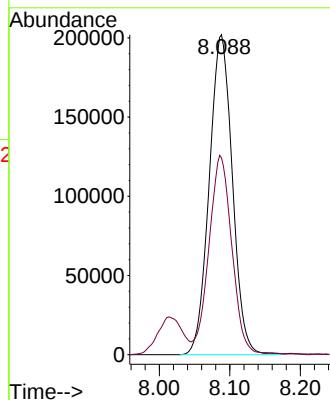
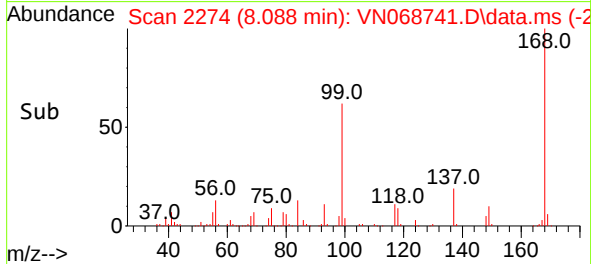
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



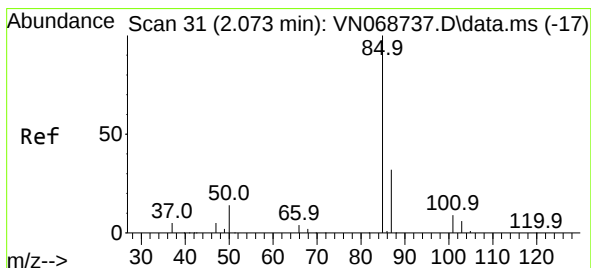
Tgt Ion: 168 Resp: 459941
Ion Ratio Lower Upper
168 100
99 61.2 62.9 94.3#



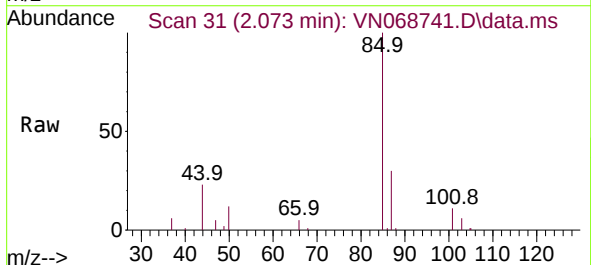
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

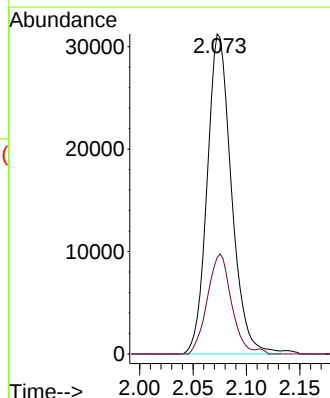
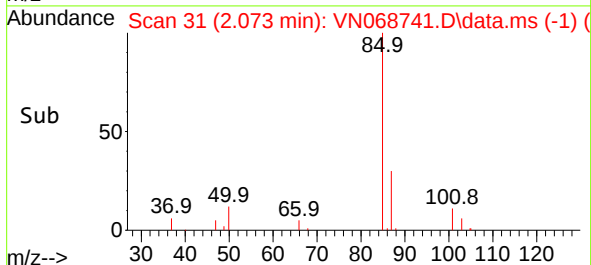
MMDadoda
9/30/2021 6:18:17 PM

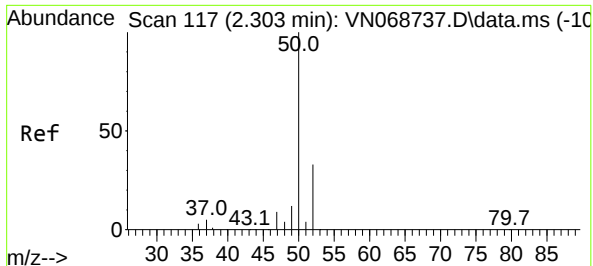


#2
Dichlorodifluoromethane
Concen: 9.912 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

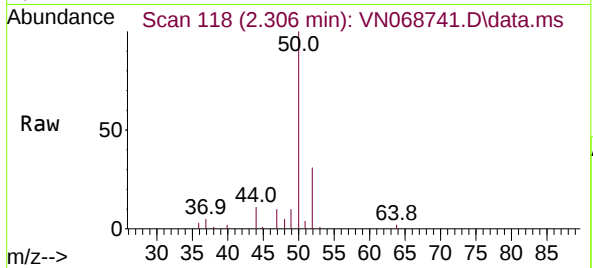


Tgt Ion: 85 Resp: 49336
Ion Ratio Lower Upper
85 100
87 30.2 16.1 48.2

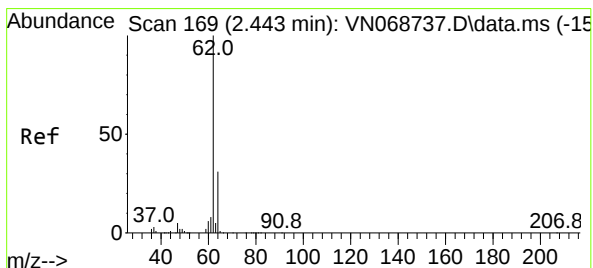
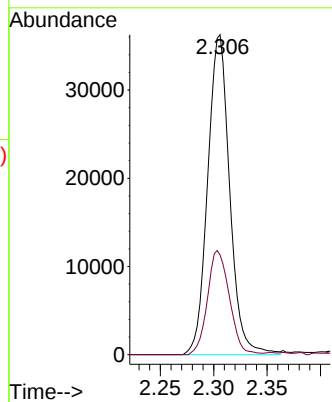
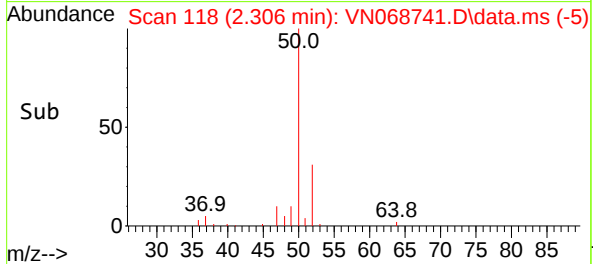




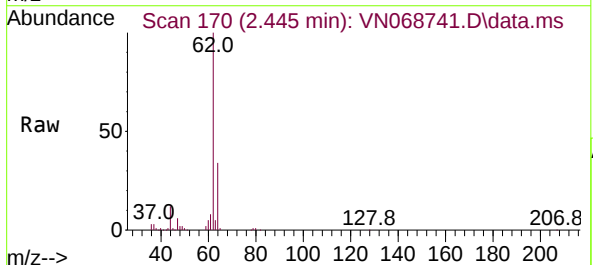
#3
Chloromethane
Concen: 9.709 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



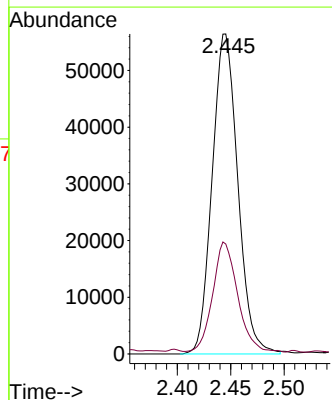
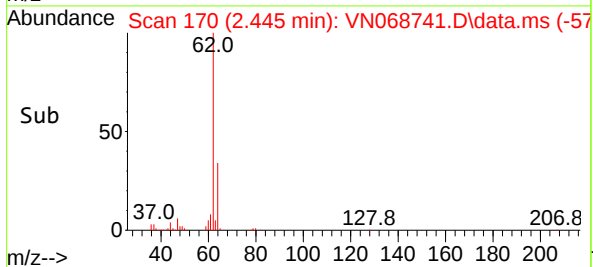
Tgt Ion: 50 Resp: 51998
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4



#4
Vinyl Chloride
Concen: 9.333 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



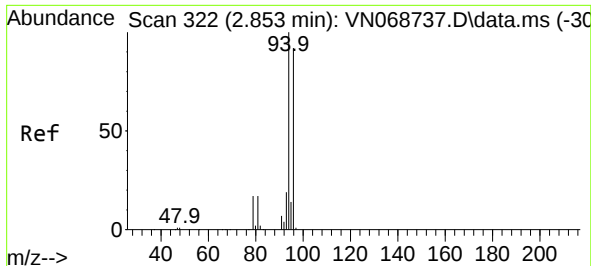
Tgt Ion: 62 Resp: 94319
Ion Ratio Lower Upper
62 100
64 33.4 24.4 36.6



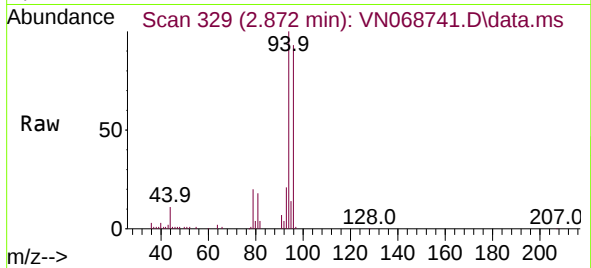
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

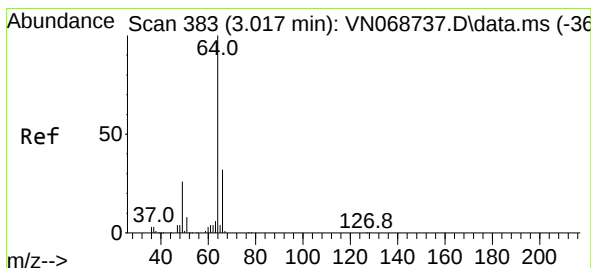
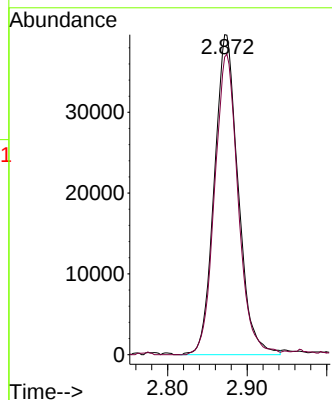
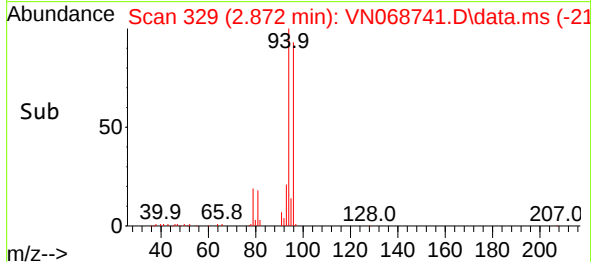
MMDadoda
9/30/2021 6:18:17 PM



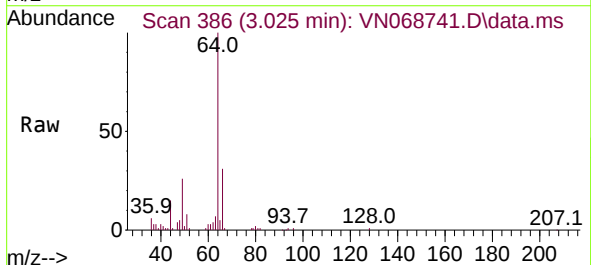
#5
Bromomethane
Concen: 10.388 ug/l
RT: 2.872 min Scan# 329
Delta R.T. 0.019 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



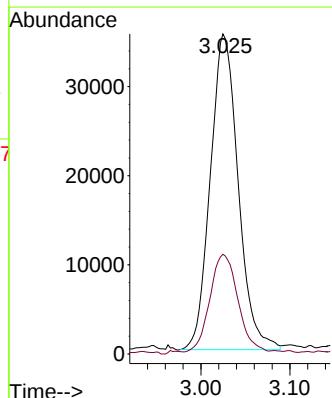
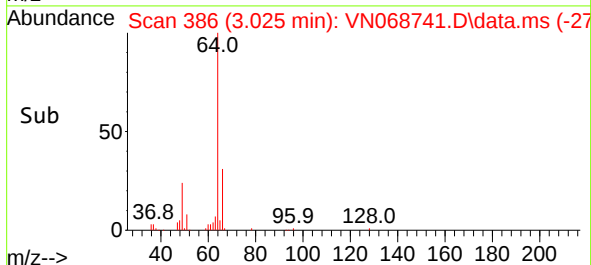
Tgt Ion: 94 Resp: 82582
Ion Ratio Lower Upper
94 100
96 93.0 73.7 110.5



#6
Chloroethane
Concen: 8.709 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.008 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



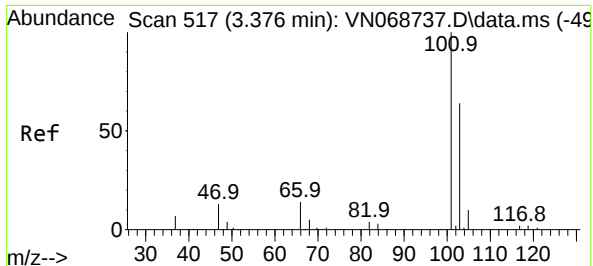
Tgt Ion: 64 Resp: 77122
Ion Ratio Lower Upper
64 100
66 30.8 24.7 37.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



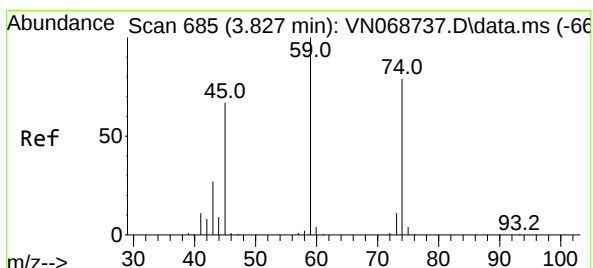
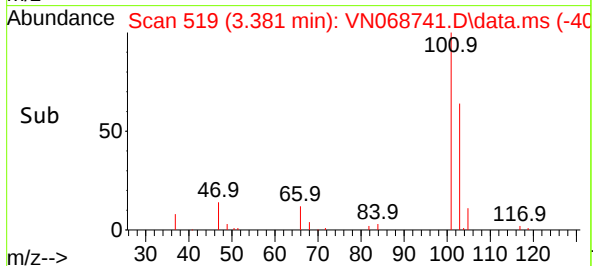
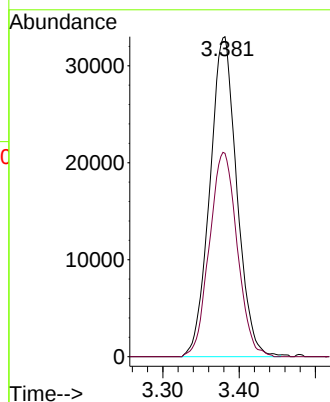
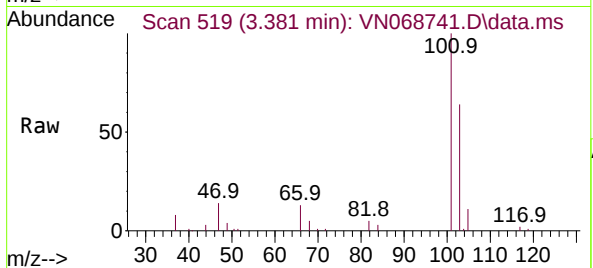
#7
Trichlorofluoromethane
Concen: 9.242 ug/l
RT: 3.381 min Scan# 519
Delta R.T. 0.005 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:101 Resp: 80988
Ion Ratio Lower Upper
101 100
103 63.6 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

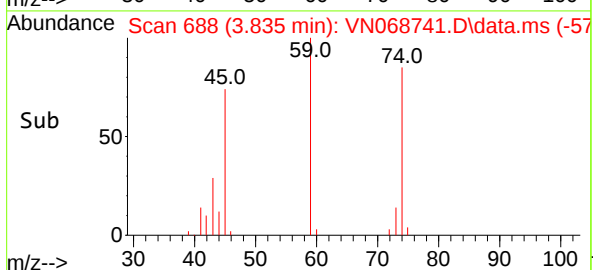
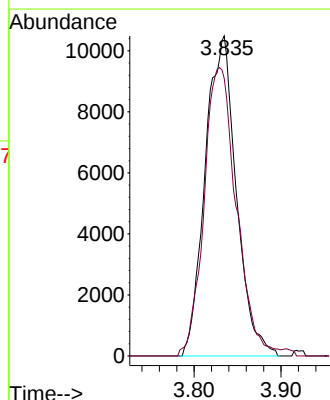
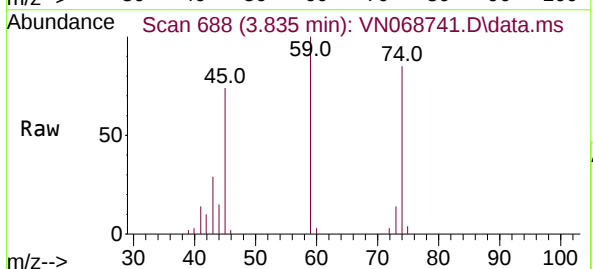
Manual Integrations
APPROVED

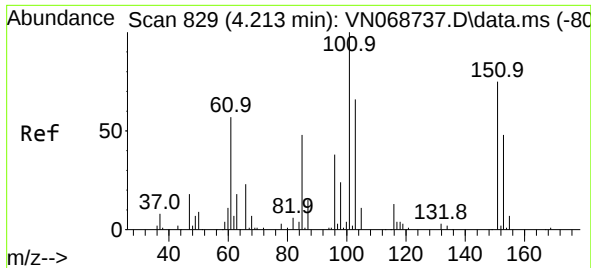
MMDadoda
9/30/2021 6:18:17 PM



#8
Diethyl Ether
Concen: 9.285 ug/l
RT: 3.835 min Scan# 688
Delta R.T. 0.008 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 74 Resp: 26076
Ion Ratio Lower Upper
74 100
45 93.7 50.2 150.7





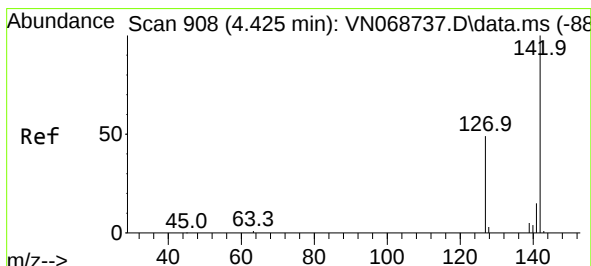
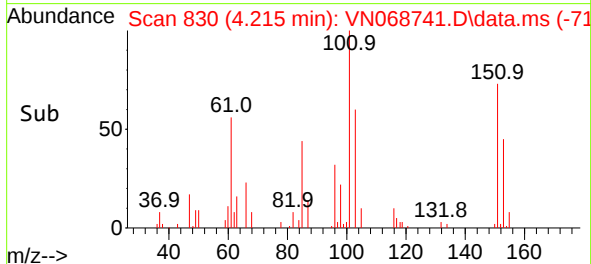
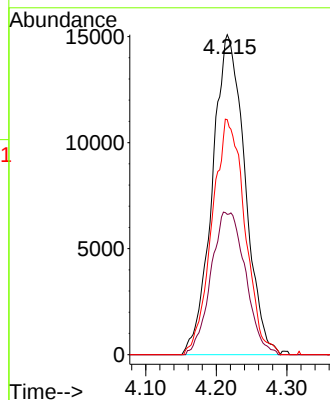
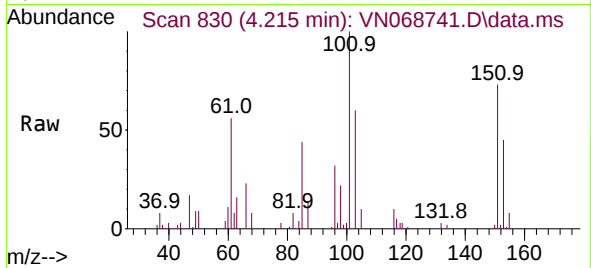
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.737 ug/l
RT: 4.215 min Scan# 830
Delta R.T. 0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	101	Resp:	48412
Ion Ratio	Lower	Upper	
101	100		
85	47.1	39.6	59.4
151	74.4	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

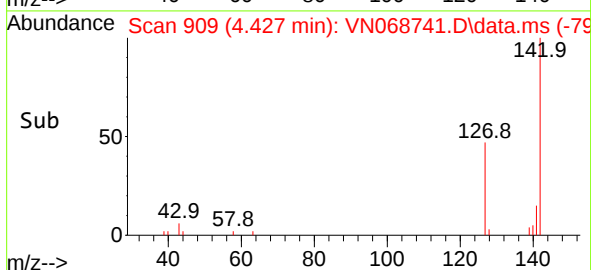
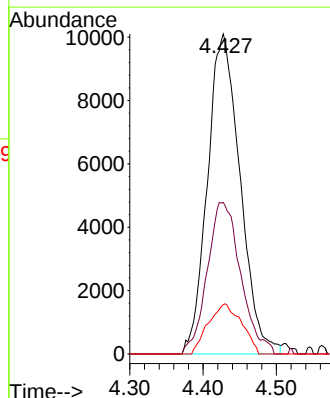
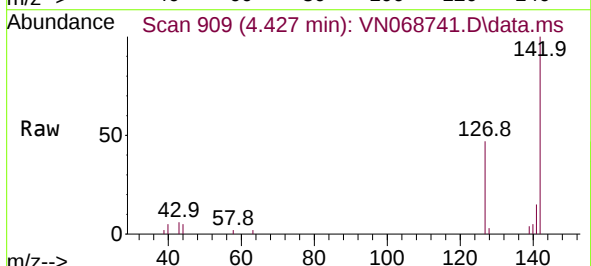
Manual Integrations
APPROVED

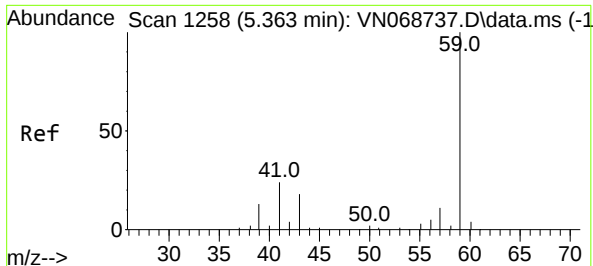
MMDadoda
9/30/2021 6:18:17 PM



#10
Methyl Iodide
Concen: 6.714 ug/l
RT: 4.427 min Scan# 909
Delta R.T. 0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	142	Resp:	31261
Ion Ratio	Lower	Upper	
142	100		
127	48.5	43.1	64.7
141	15.9	11.4	17.0





#11

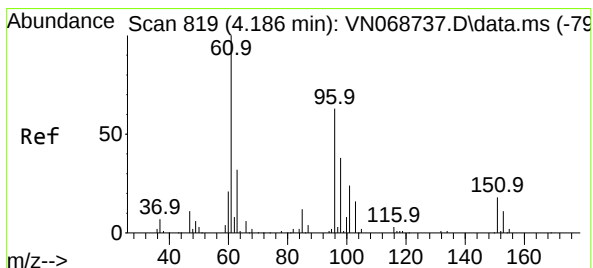
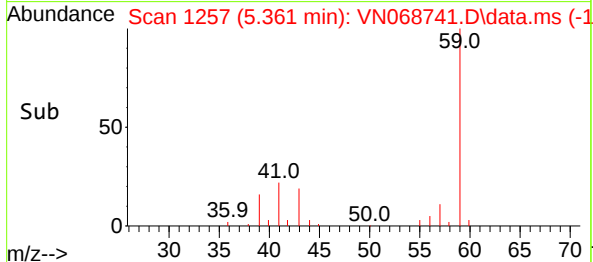
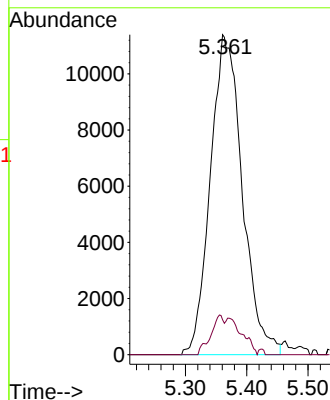
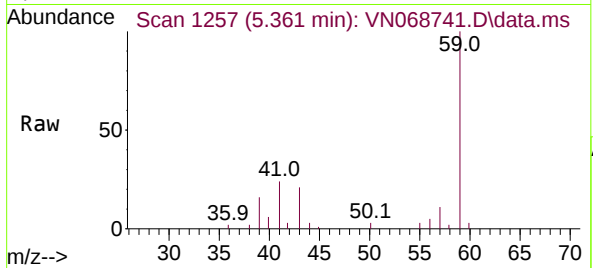
Tert butyl alcohol
Concen: 47.862 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 59 Resp: 41219
Ion Ratio Lower Upper
59 100
57 5.1 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

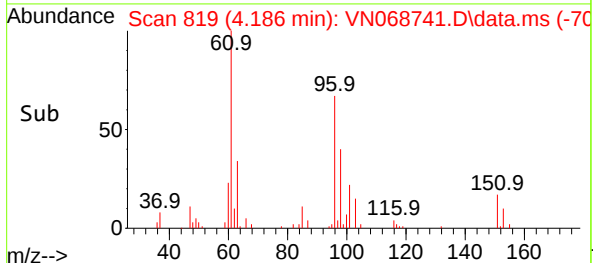
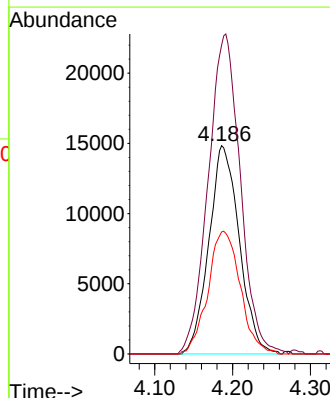
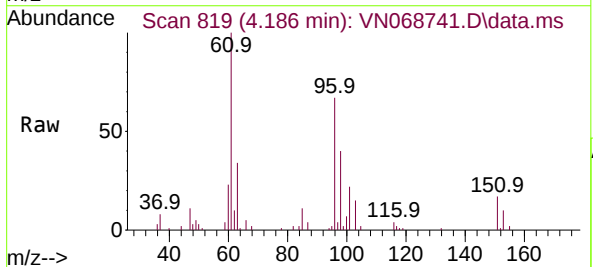
MMDadoda
9/30/2021 6:18:17 PM

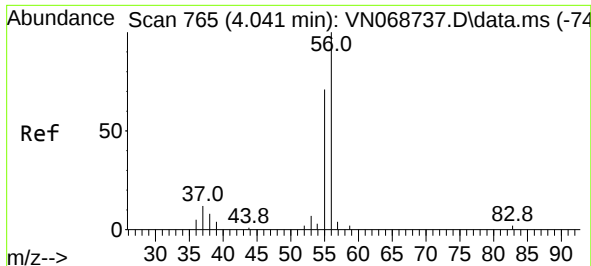


#12

1,1-Dichloroethene
Concen: 9.388 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

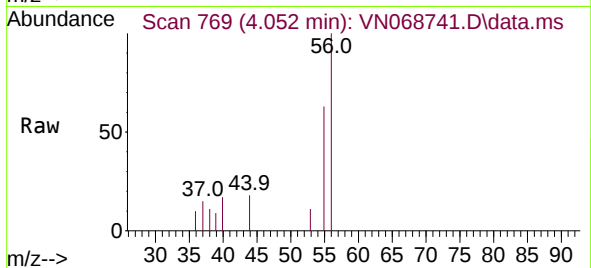
Tgt Ion: 96 Resp: 40266
Ion Ratio Lower Upper
96 100
61 147.0 152.6 229.0#
98 58.6 50.9 76.3





#13
Acrolein
Concen: 32.939 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.011 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

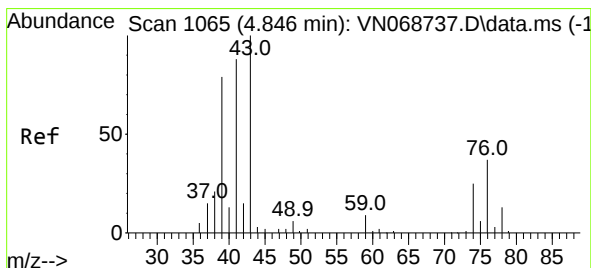
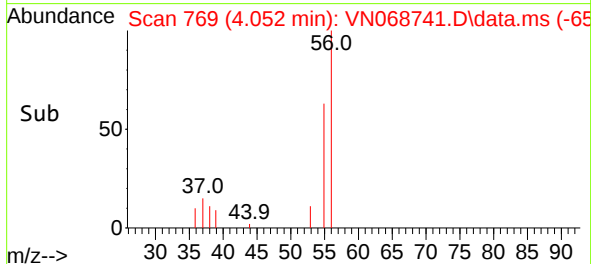
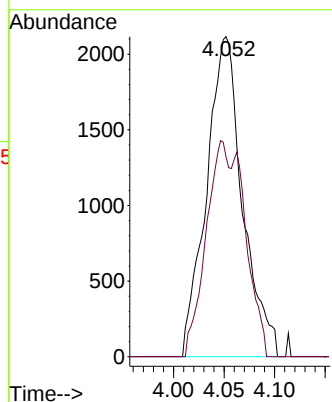
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 5253
Ion Ratio Lower Upper
56 100
55 45.6 57.4 86.0#

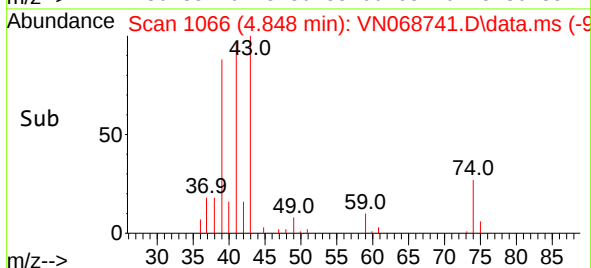
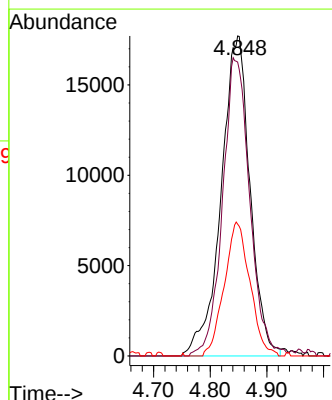
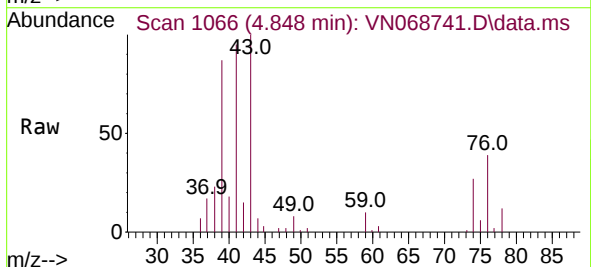
Manual Integrations
APPROVED

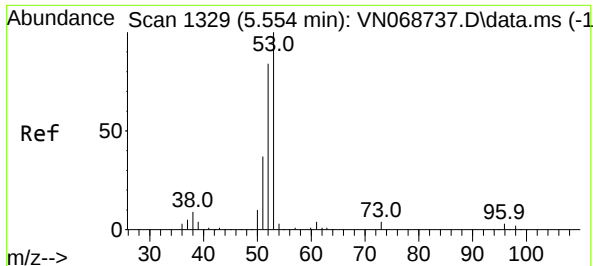
MMDadoda
9/30/2021 6:18:17 PM



#14
Allyl chloride
Concen: 9.272 ug/l
RT: 4.848 min Scan# 1066
Delta R.T. 0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

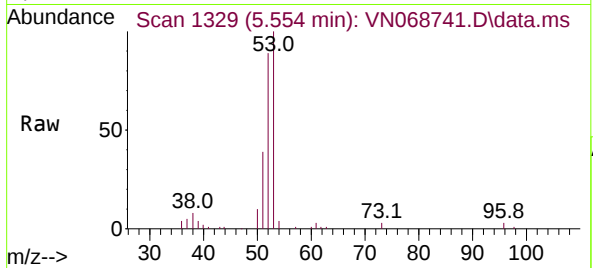
Tgt Ion: 41 Resp: 62890
Ion Ratio Lower Upper
41 100
39 86.7 60.9 91.3
76 37.1 24.3 36.5#





#15
Acrylonitrile
Concen: 45.706 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

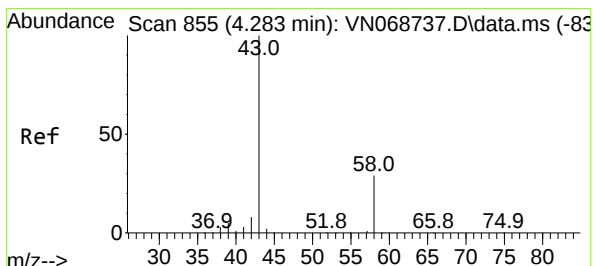
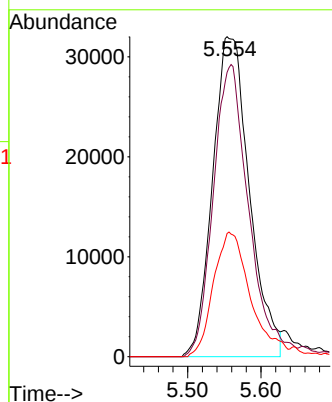
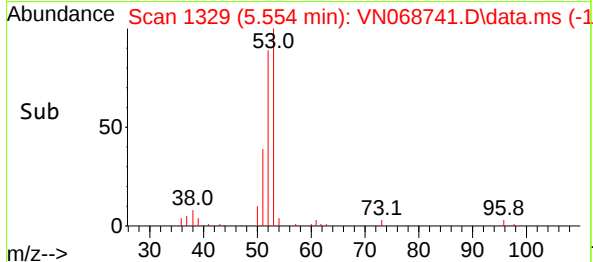
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



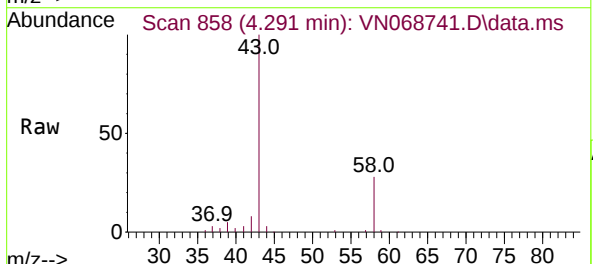
Tgt Ion: 53 Resp: 111401
Ion Ratio Lower Upper
53 100
52 88.0 66.2 99.2
51 39.2 30.2 45.4

Manual Integrations
APPROVED

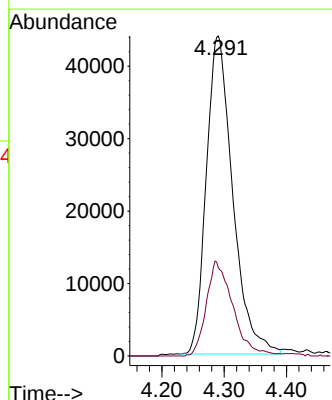
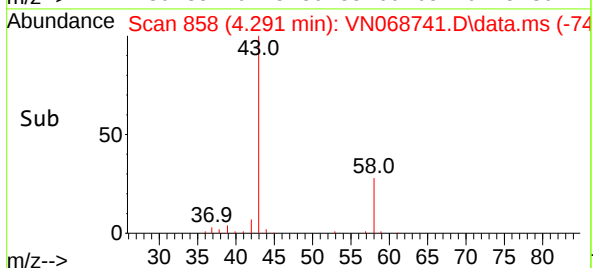
MMDadoda
9/30/2021 6:18:17 PM

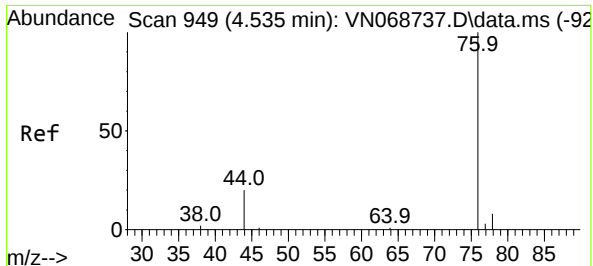


#16
Acetone
Concen: 53.042 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.008 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



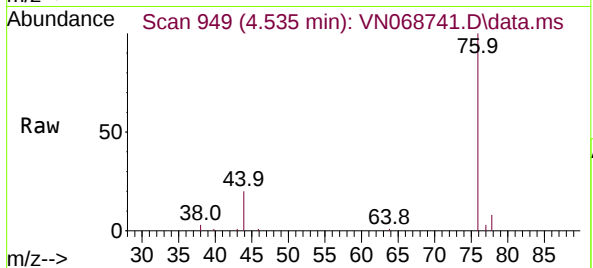
Tgt Ion: 43 Resp: 129349
Ion Ratio Lower Upper
43 100
58 27.8 21.2 31.8





#17
Carbon Disulfide
Concen: 8.718 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

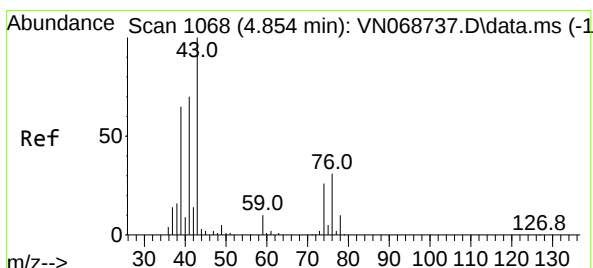
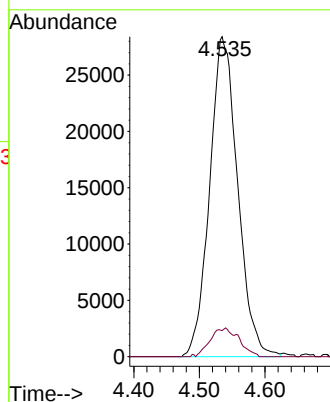
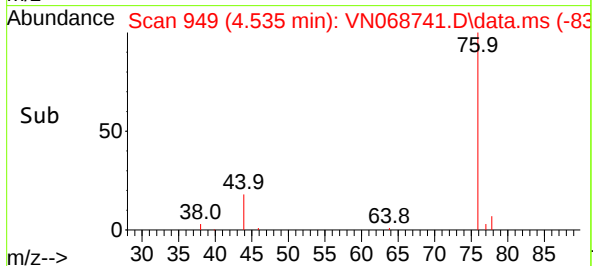
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



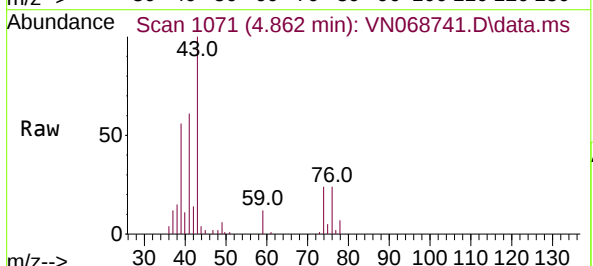
Tgt Ion: 76 Resp: 84273
Ion Ratio Lower Upper
76 100
78 8.2 7.7 11.5

Manual Integrations
APPROVED

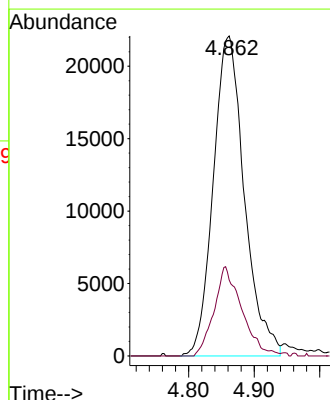
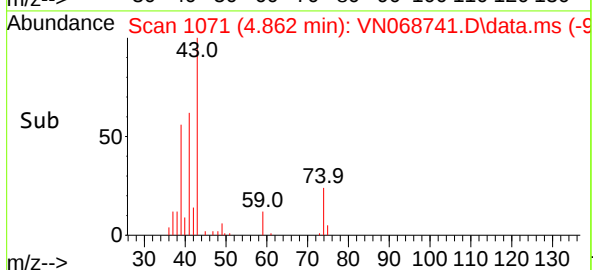
MMDadoda
9/30/2021 6:18:17 PM

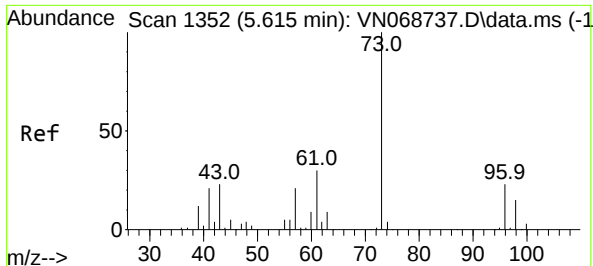


#18
Methyl Acetate
Concen: 9.441 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



Tgt Ion: 43 Resp: 72657
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

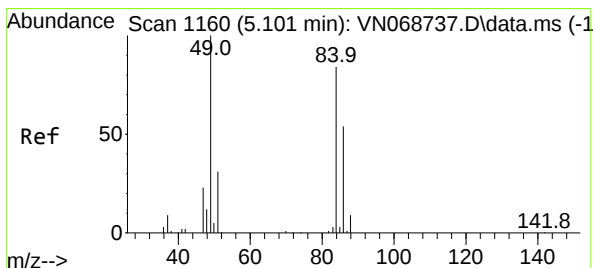
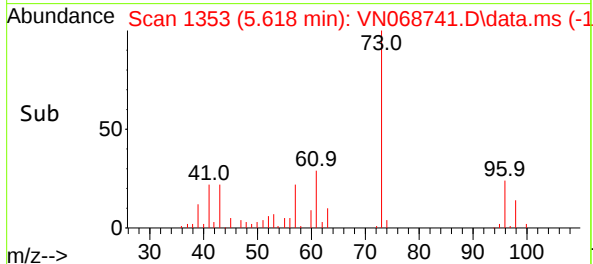
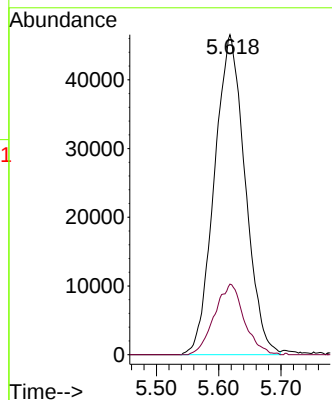
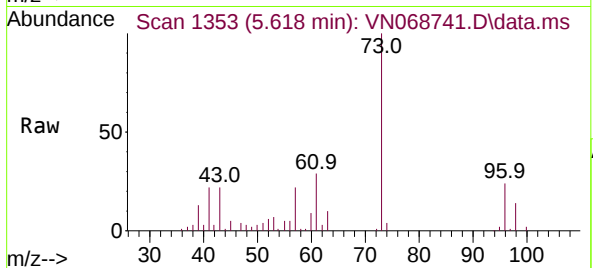
Methyl tert-butyl Ether
Concen: 9.188 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 73 Resp: 159638
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

Manual Integrations
APPROVED

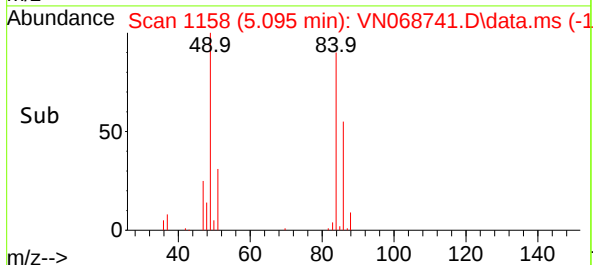
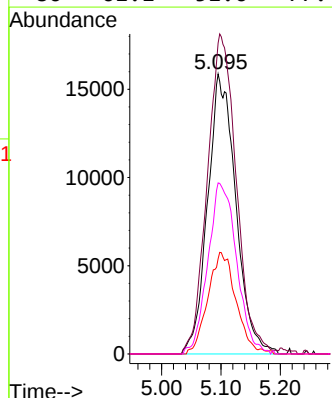
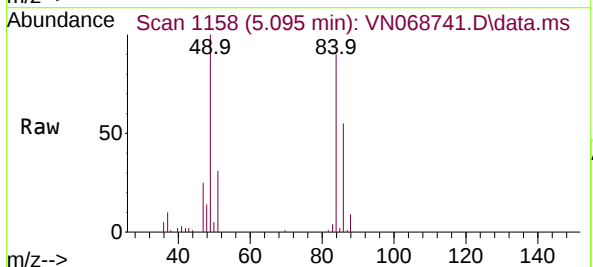
MMDadoda
9/30/2021 6:18:17 PM

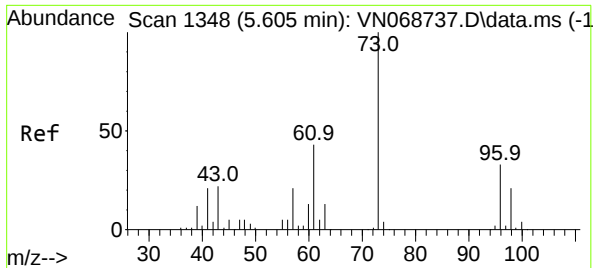


#20

Methylene Chloride
Concen: 9.549 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.006 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 84 Resp: 52429
Ion Ratio Lower Upper
84 100
49 111.0 110.9 166.3
51 34.0 32.6 49.0
86 61.1 51.6 77.4





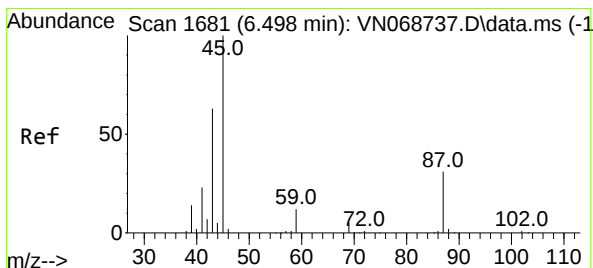
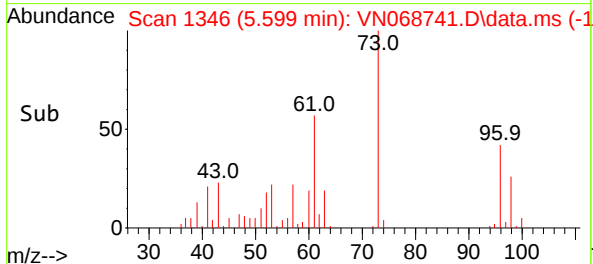
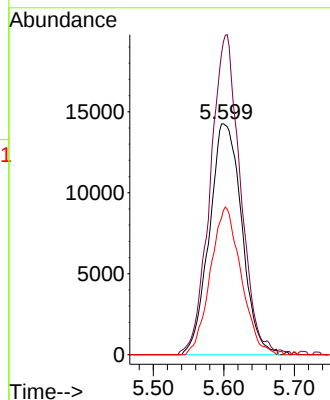
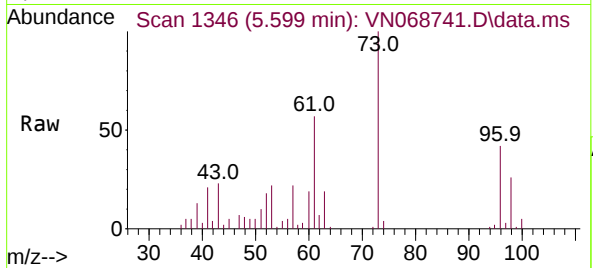
#21
trans-1,2-Dichloroethene
Concen: 9.347 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 96 Resp: 45436
Ion Ratio Lower Upper
96 100
61 134.1 123.5 185.3
98 62.5 48.6 72.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

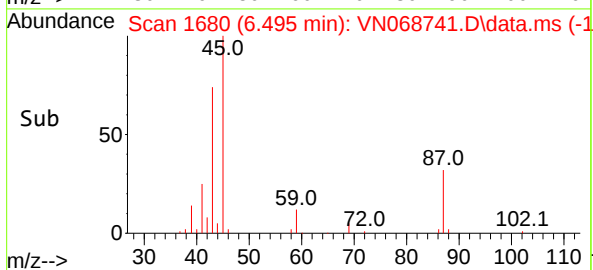
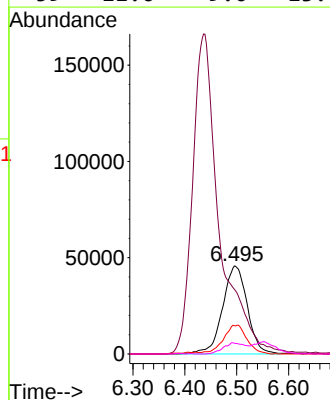
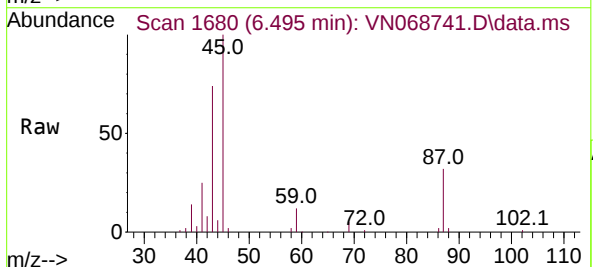
Manual Integrations
APPROVED

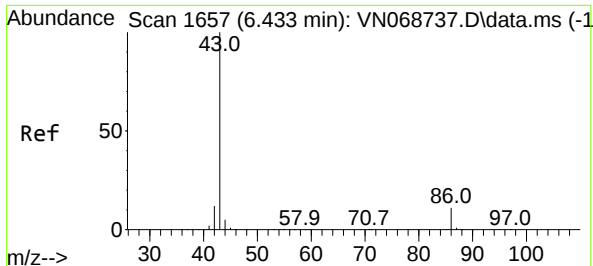
MMDadoda
9/30/2021 6:18:17 PM



#22
Diisopropyl ether
Concen: 9.371 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 45 Resp: 151295
Ion Ratio Lower Upper
45 100
43 69.0 49.4 74.2
87 32.1 20.9 31.3#
59 11.6 9.0 13.4





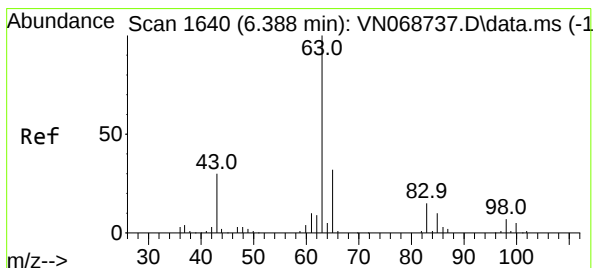
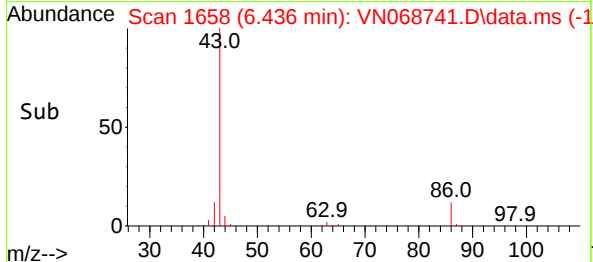
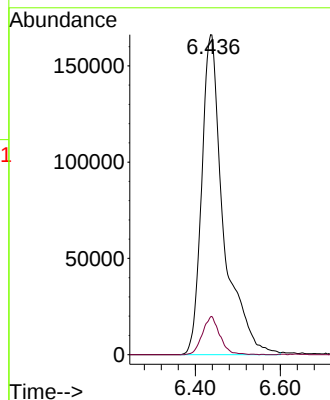
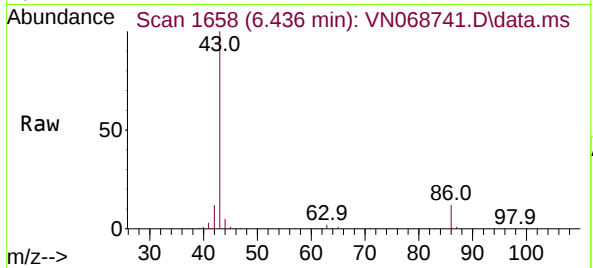
#23
 Vinyl Acetate
 Concen: 46.264 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.003 min
 Lab File: VN068741.D
 Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 593383
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.3 10.9#

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

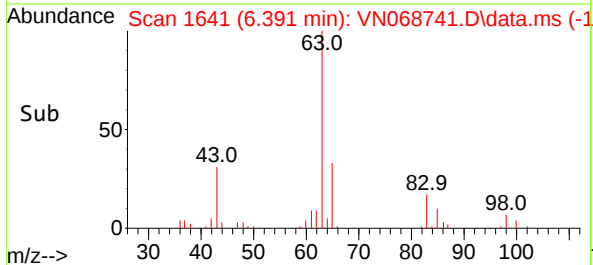
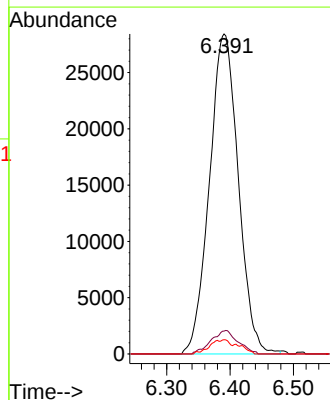
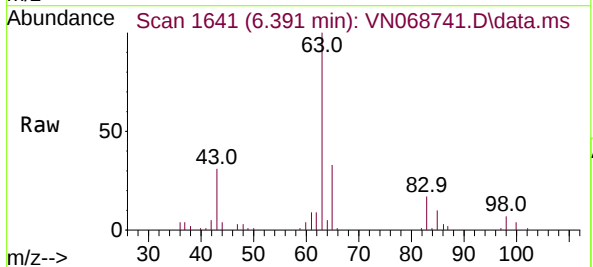
Manual Integrations
 APPROVED

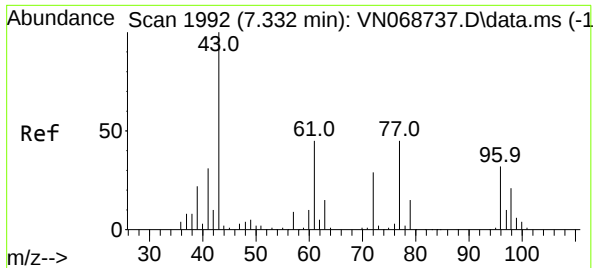
MMDadoda
 9/30/2021 6:18:17 PM



#24
 1,1-Dichloroethane
 Concen: 9.288 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.003 min
 Lab File: VN068741.D
 Acq: 29 Sep 2021 14:51

Tgt Ion: 63 Resp: 90156
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.0 9.0
 100 4.5 1.9 5.7





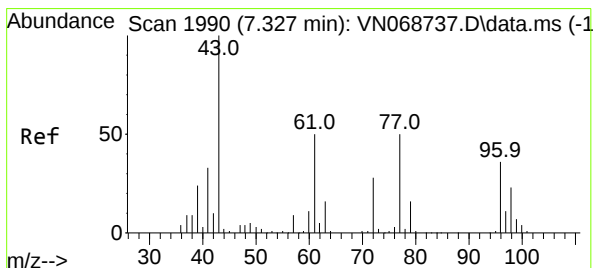
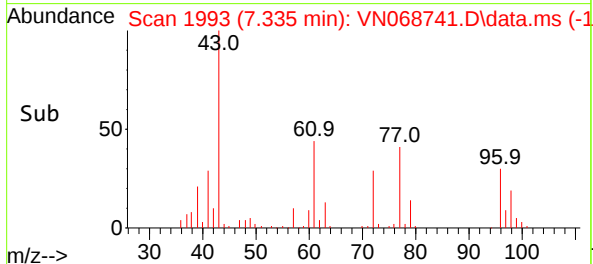
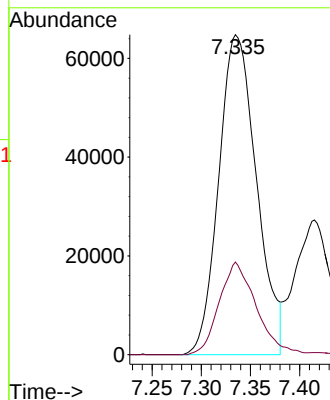
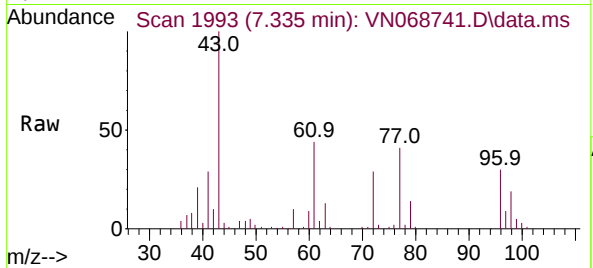
#25
2-Butanone
Concen: 48.422 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 173157
Ion Ratio Lower Upper
43 100
72 28.9 19.7 29.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

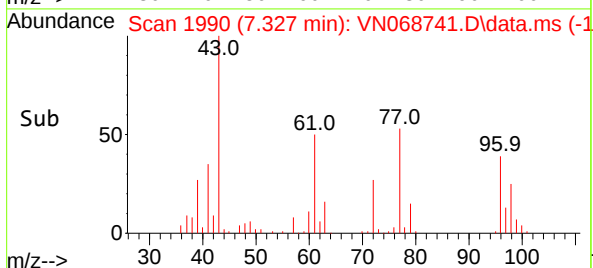
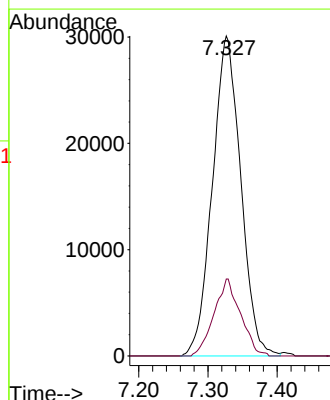
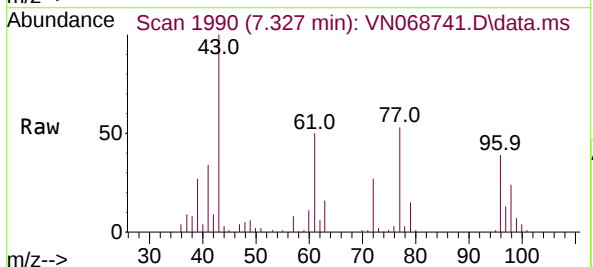
Manual Integrations
APPROVED

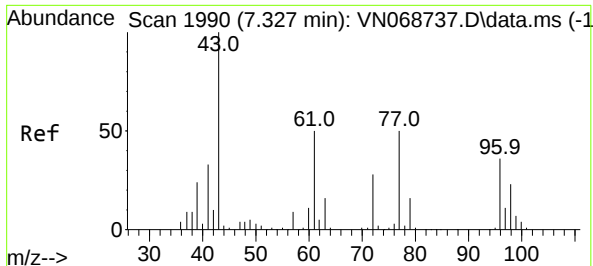
MMDadoda
9/30/2021 6:18:17 PM



#26
2,2-Dichloropropane
Concen: 9.310 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 77 Resp: 85480
Ion Ratio Lower Upper
77 100
97 22.5 9.8 29.3





#27

cis-1,2-Dichloroethene

Concen: 9.288 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.002 min

Lab File: VN068741.D

Acq: 29 Sep 2021 14:51

Tgt Ion:	96	Resp:	58247
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	338.8
98	64.1	0.0	129.8

Instrument :

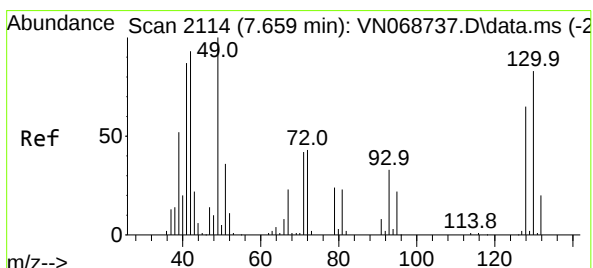
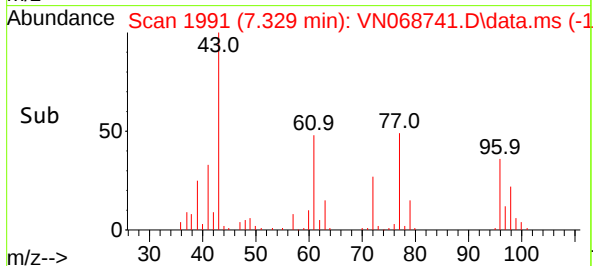
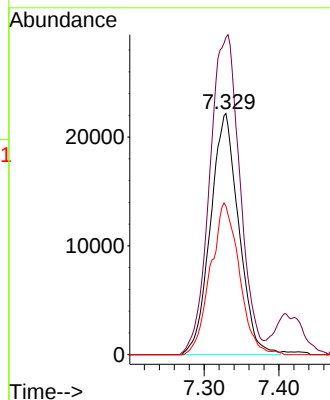
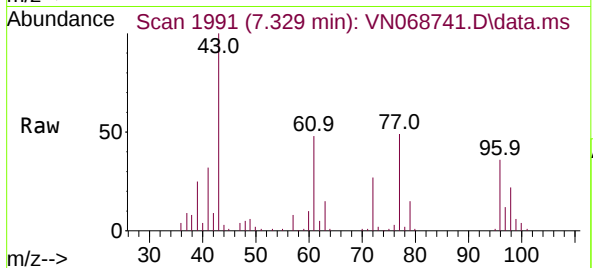
MSVOA_N

ClientSampleId :

VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



#28

Bromochloromethane

Concen: 8.324 ug/l

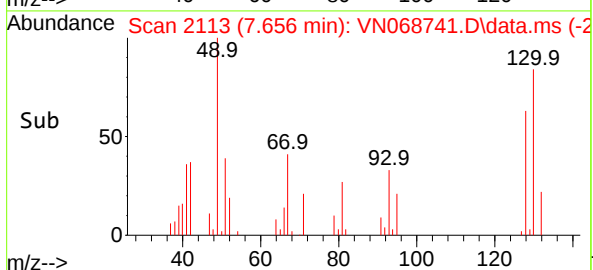
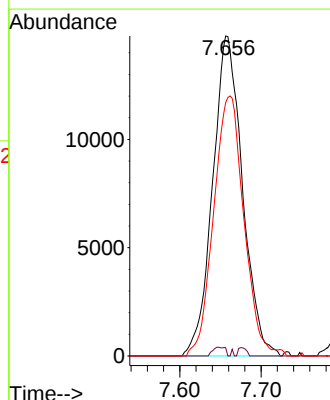
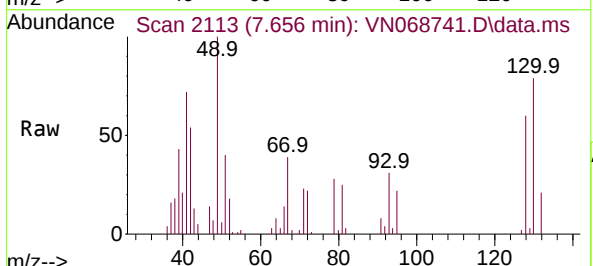
RT: 7.656 min Scan# 2113

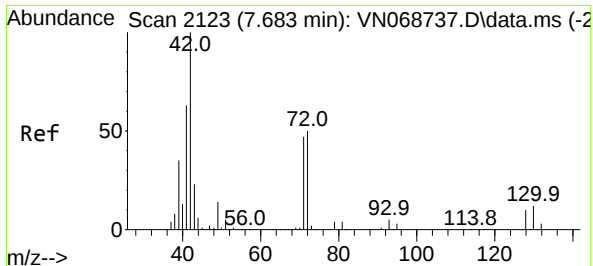
Delta R.T. -0.003 min

Lab File: VN068741.D

Acq: 29 Sep 2021 14:51

Tgt Ion:	49	Resp:	37641
Ion	Ratio	Lower	Upper
49	100		
129	0.1	0.0	3.8
130	82.4	49.7	74.5#





#29

Tetrahydrofuran

Concen: 47.107 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN068741.D

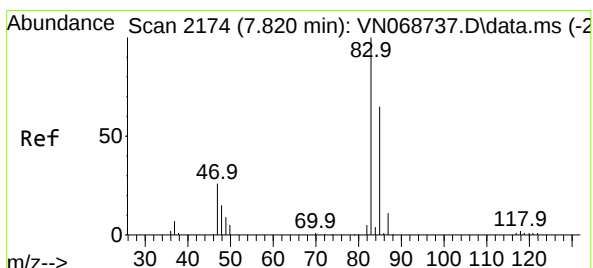
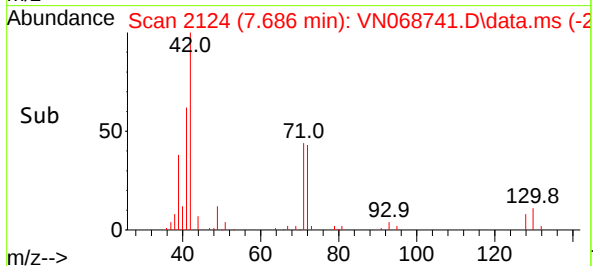
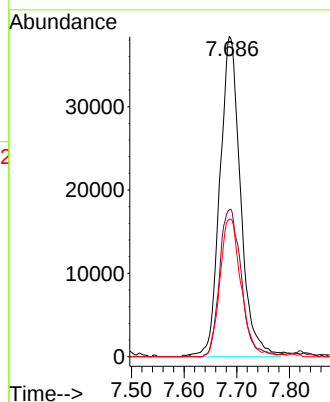
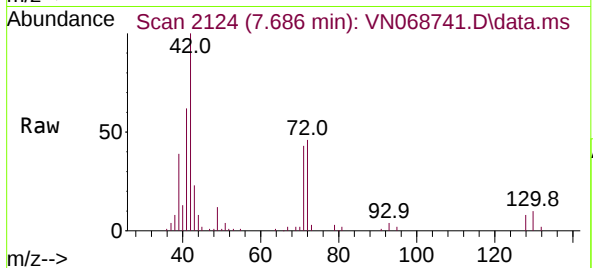
Acq: 29 Sep 2021 14:51

Tgt Ion:	42	Resp:	104817
Ion	Ratio	Lower	Upper
42	100		
72	47.9	32.8	49.2
71	43.5	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



#30

Chloroform

Concen: 9.043 ug/l

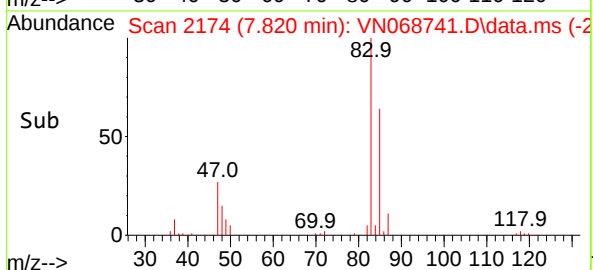
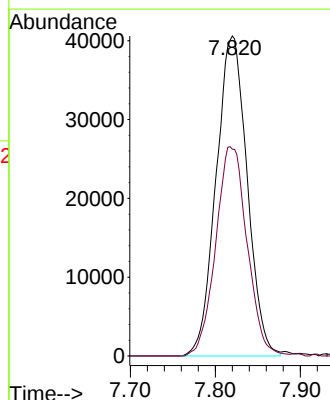
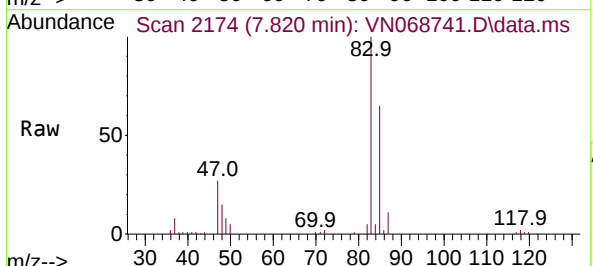
RT: 7.820 min Scan# 2174

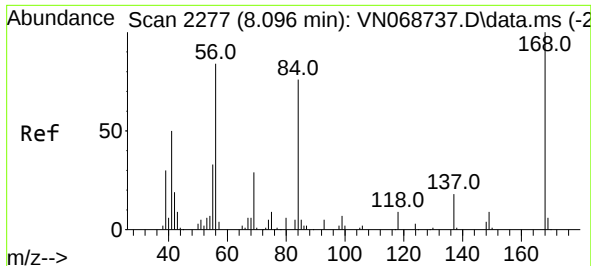
Delta R.T. 0.000 min

Lab File: VN068741.D

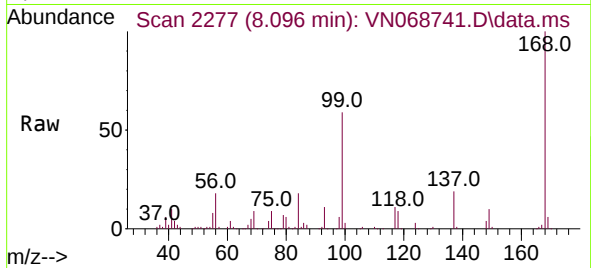
Acq: 29 Sep 2021 14:51

Tgt Ion:	83	Resp:	103104
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3

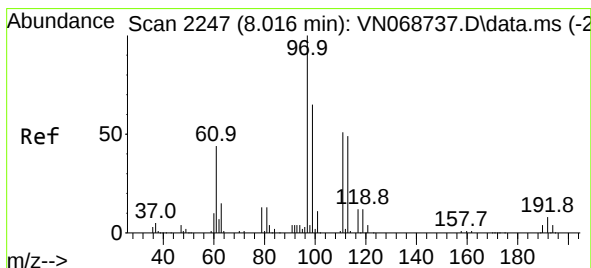
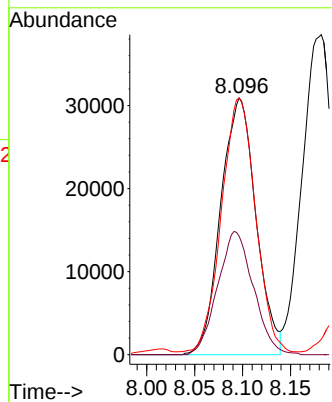
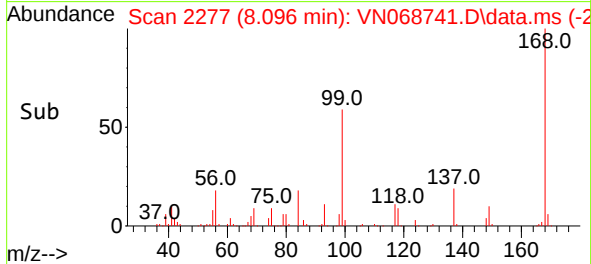




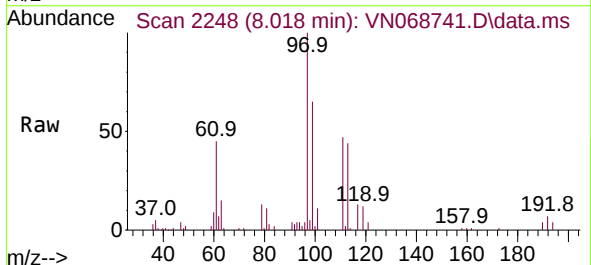
#31
Cyclohexane
Concen: 9.786 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



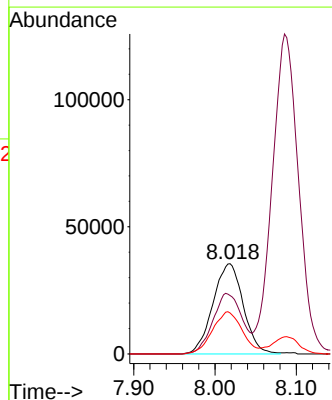
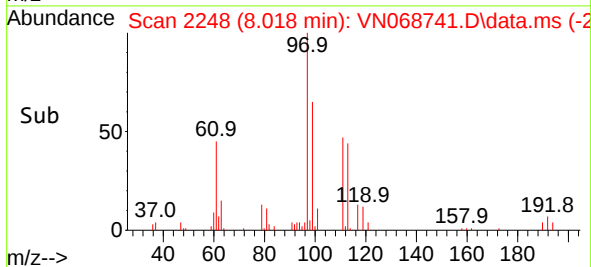
Tgt Ion: 56 Resp: 78821
Ion Ratio Lower Upper
56 100
69 46.2 27.3 40.9#
84 98.8 64.9 97.3#



#32
1,1,1-Trichloroethane
Concen: 9.027 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



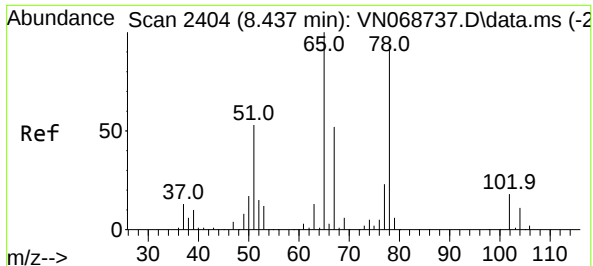
Tgt Ion: 97 Resp: 92082
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 45.6 38.2 57.2



Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



#33

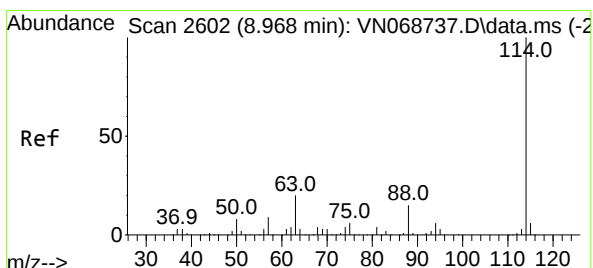
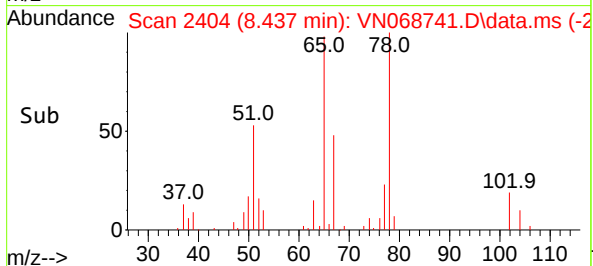
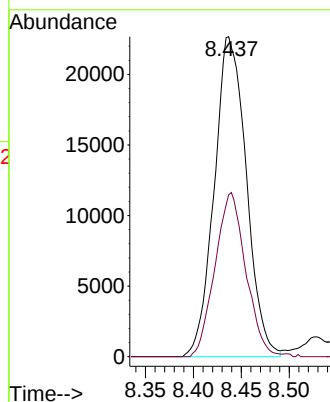
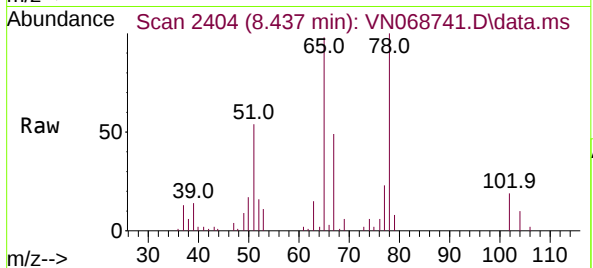
1,2-Dichloroethane-d4
Concen: 8.128 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	98.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

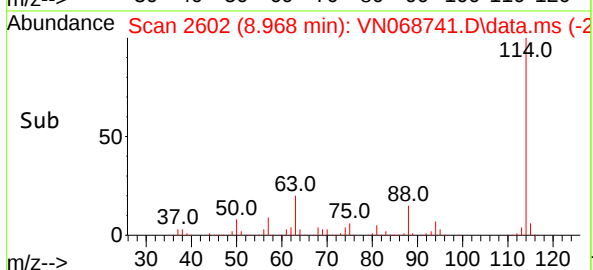
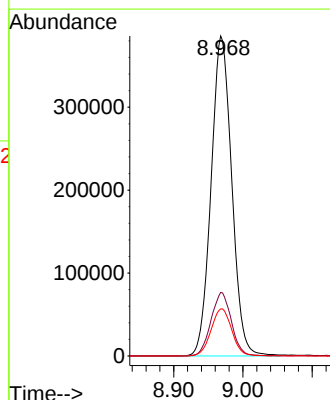
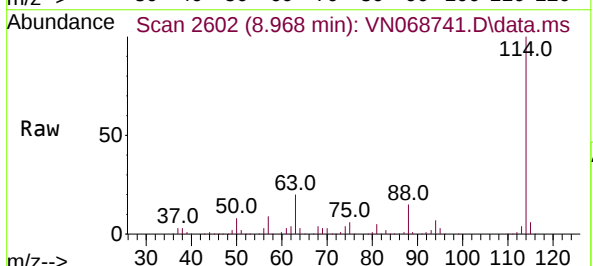
MMDadoda
9/30/2021 6:18:17 PM

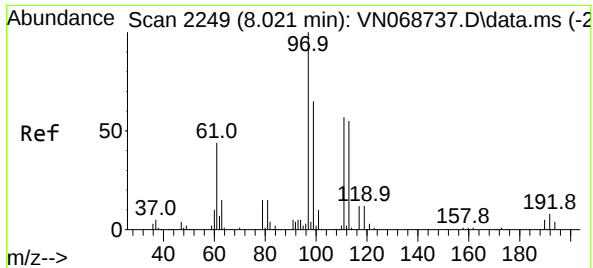


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	49.0
88	14.7	0.0	36.6





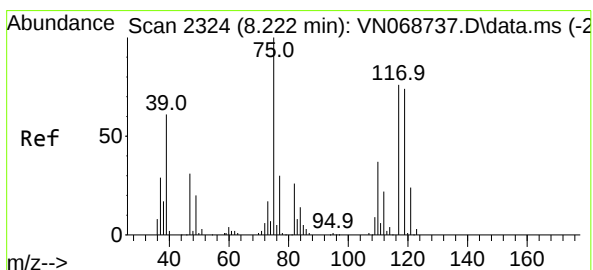
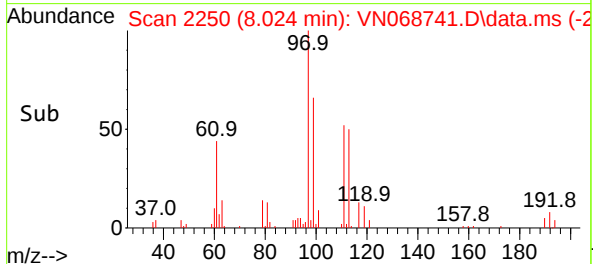
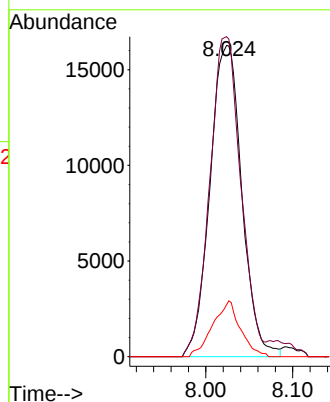
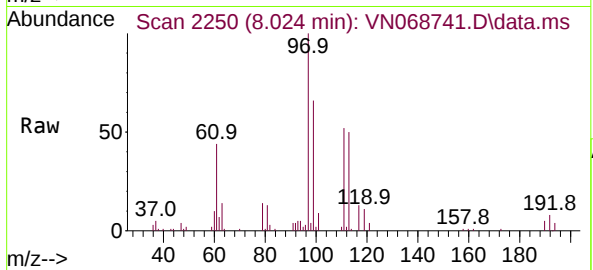
#35
Dibromofluoromethane
Concen: 7.859 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	113	Resp:	41440
Ion Ratio	Lower	Upper	
113	100		
111	100.3	83.8	125.8
192	15.6	13.4	20.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

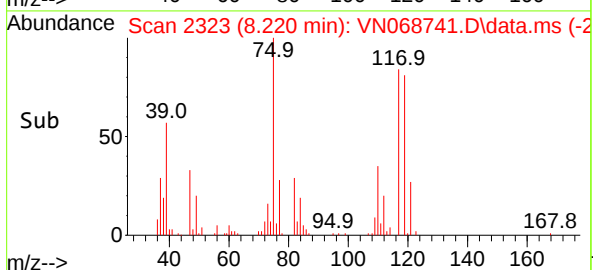
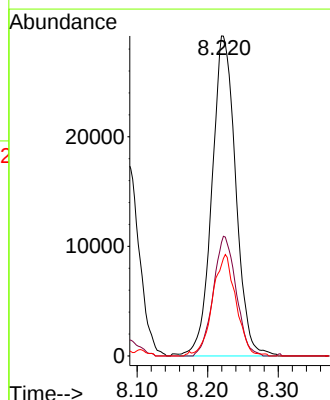
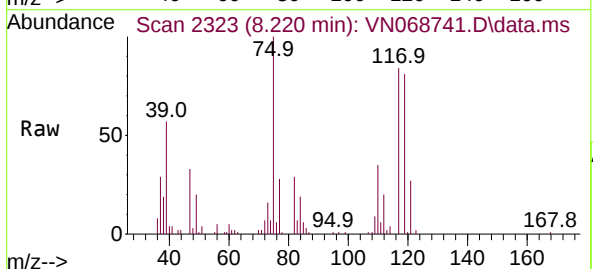
Manual Integrations
APPROVED

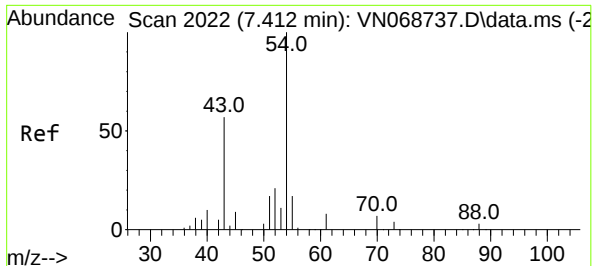
MMDadoda
9/30/2021 6:18:17 PM



#36
1,1-Dichloropropene
Concen: 8.994 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	75	Resp:	68229
Ion Ratio	Lower	Upper	
75	100		
110	36.0	15.7	47.0
77	29.6	24.6	37.0





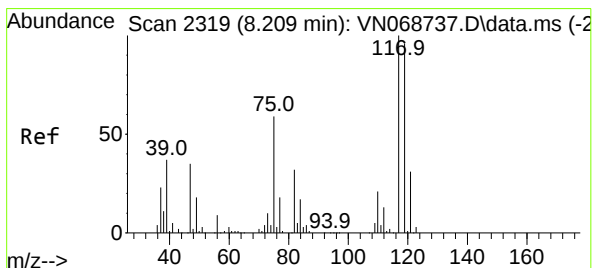
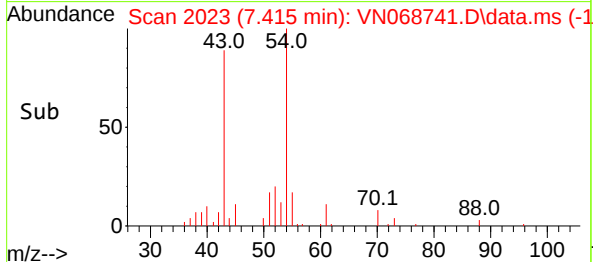
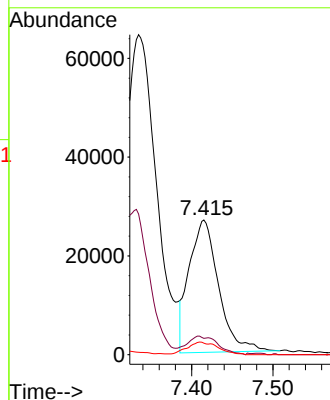
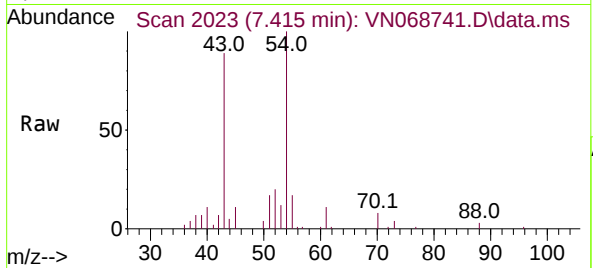
#37
Ethyl Acetate
Concen: 9.436 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	43	Resp:	67515
Ion Ratio	Lower	Upper	
43	100		
61	14.6	10.6	16.0
70	10.1	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

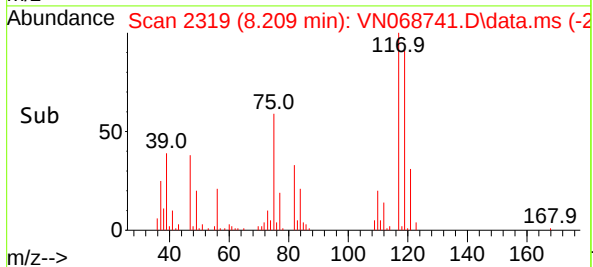
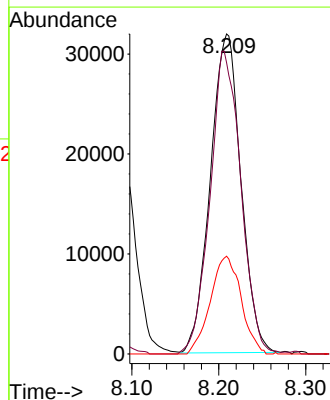
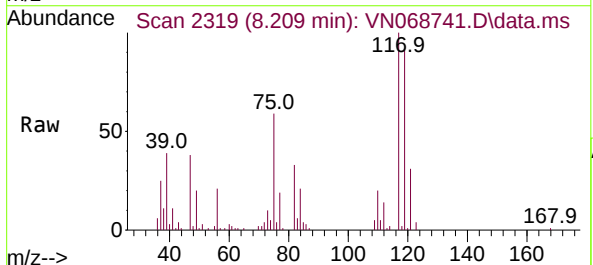
Manual Integrations
APPROVED

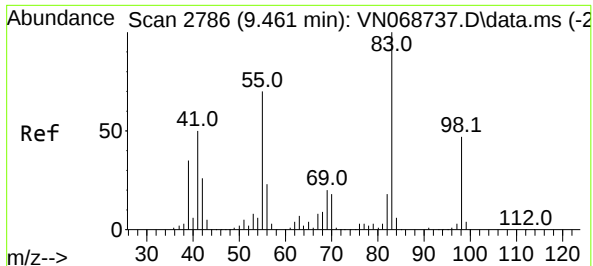
MMDadoda
9/30/2021 6:18:17 PM



#38
Carbon Tetrachloride
Concen: 8.587 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	117	Resp:	78011
Ion Ratio	Lower	Upper	
117	100		
119	90.9	75.4	113.2
121	30.7	23.5	35.3





#39

Methylcyclohexane

Concen: 8.784 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN068741.D

Acq: 29 Sep 2021 14:51

Tgt Ion:	83	Resp:	77830
Ion	Ratio	Lower	Upper
83	100		
55	75.4	66.6	99.8
98	46.1	35.3	52.9

Instrument :

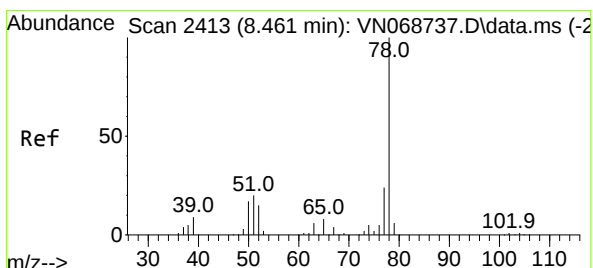
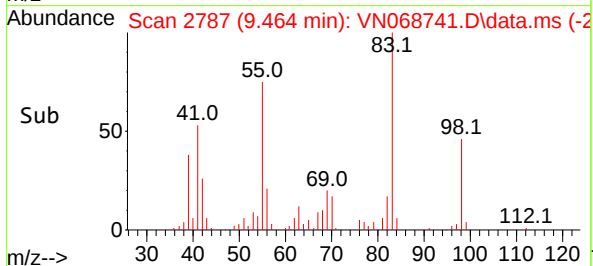
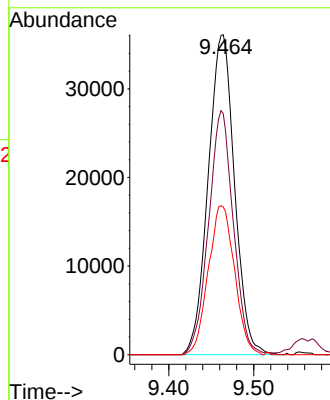
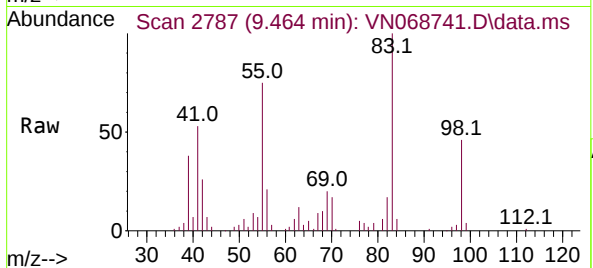
MSVOA_N

ClientSampleId :

VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



#40

Benzene

Concen: 9.107 ug/l

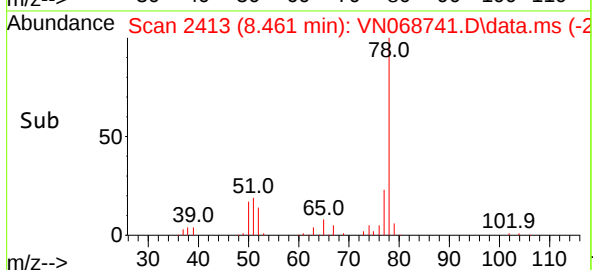
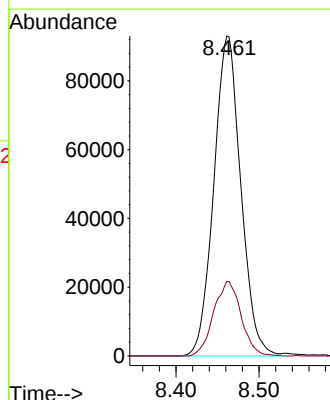
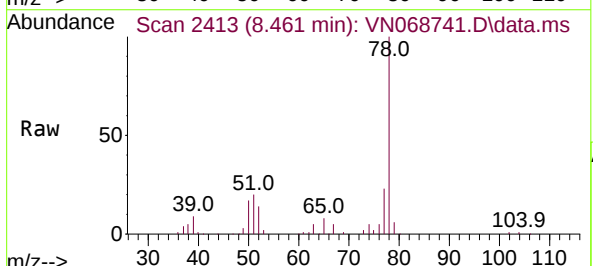
RT: 8.461 min Scan# 2413

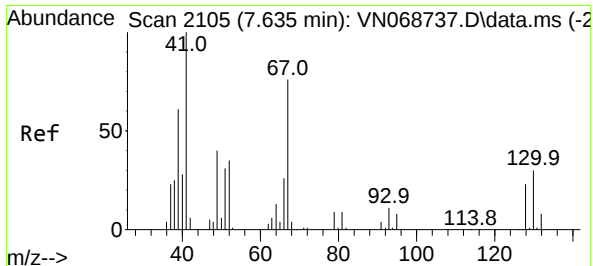
Delta R.T. 0.000 min

Lab File: VN068741.D

Acq: 29 Sep 2021 14:51

Tgt Ion:	78	Resp:	209839
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





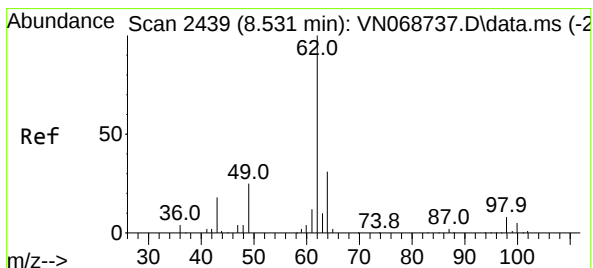
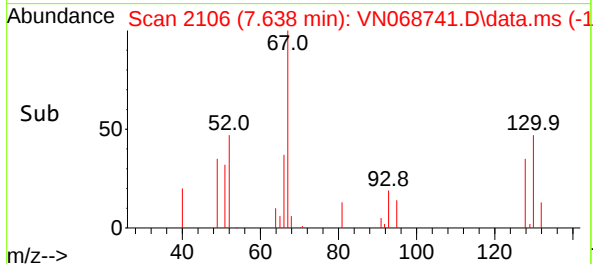
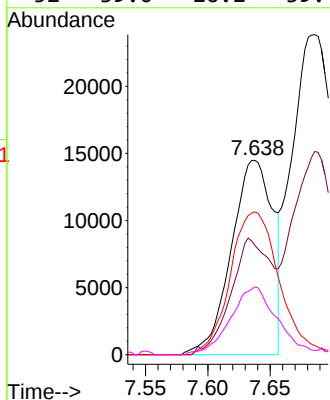
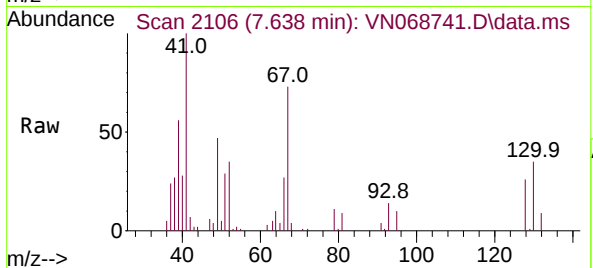
#41
Methacrylonitrile
Concen: 9.807 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	41	Resp:	33572
Ion Ratio	Lower	Upper	
41	100		
39	59.2	47.6	71.4
67	86.5	57.7	86.5
52	39.0	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

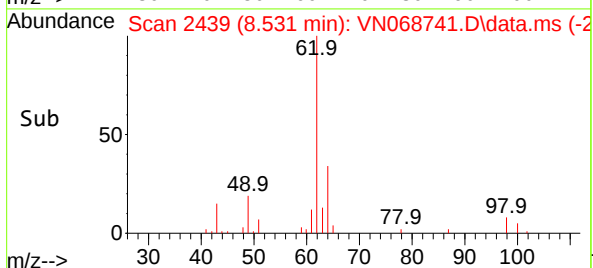
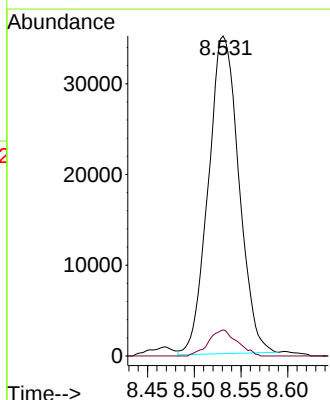
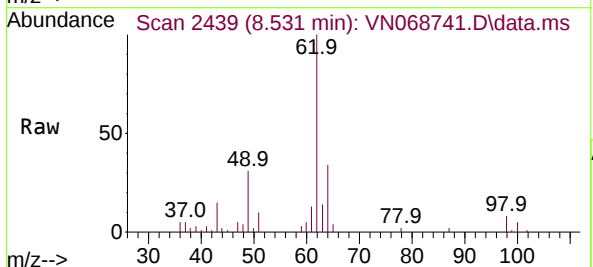
Manual Integrations
APPROVED

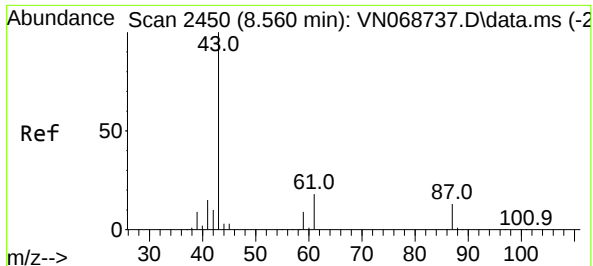
MMDadoda
9/30/2021 6:18:17 PM



#42
1,2-Dichloroethane
Concen: 8.815 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:	62	Resp:	79781
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	14.2





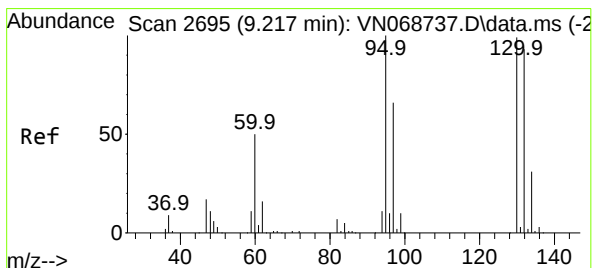
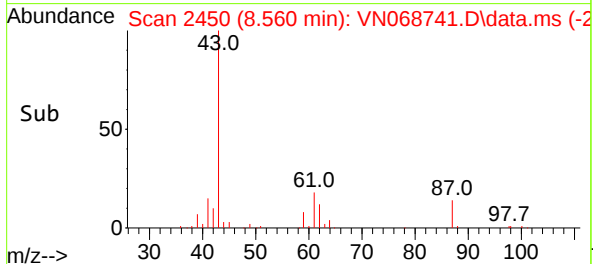
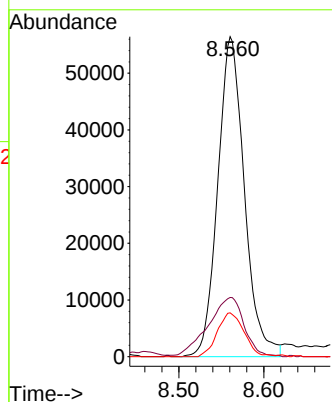
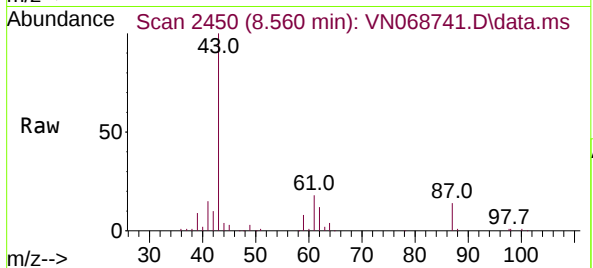
#43
Isopropyl Acetate
Concen: 9.272 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 122847
Ion Ratio Lower Upper
43 100
61 25.1 19.0 28.4
87 13.8 9.5 14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

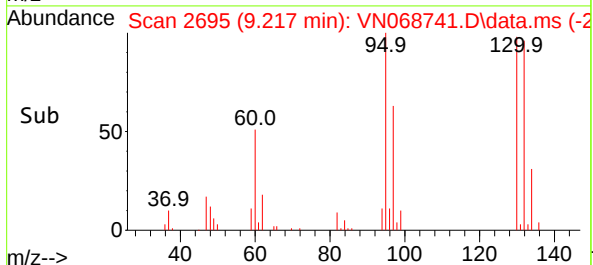
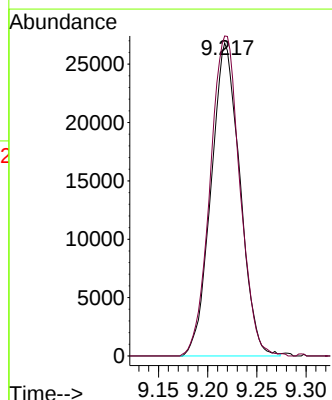
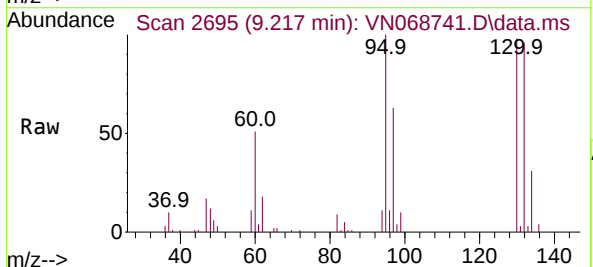
Manual Integrations
APPROVED

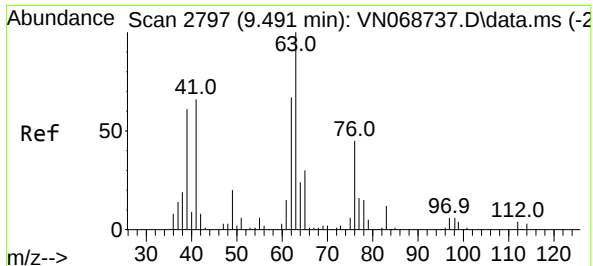
MMDadoda
9/30/2021 6:18:17 PM



#44
Trichloroethene
Concen: 8.851 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 130 Resp: 54719
Ion Ratio Lower Upper
130 100
95 102.3 0.0 234.4





#45

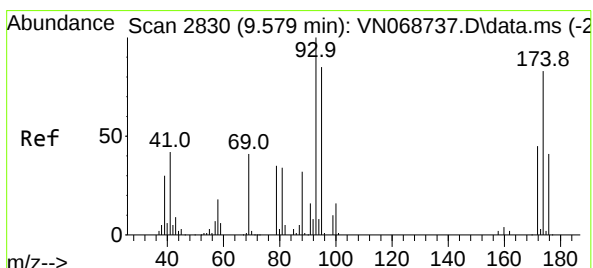
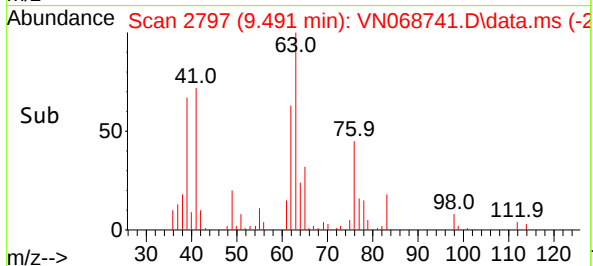
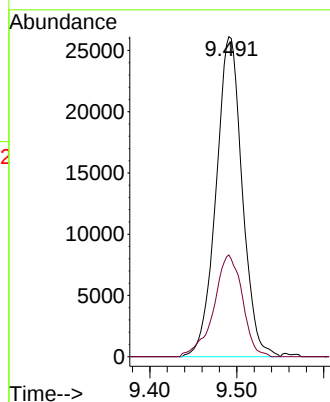
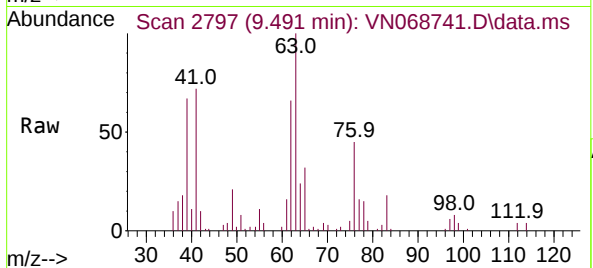
1,2-Dichloropropane
Concen: 9.179 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 63 Resp: 54585
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

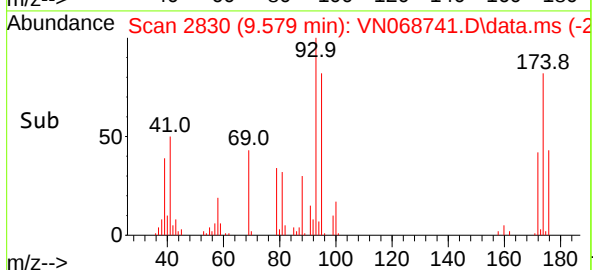
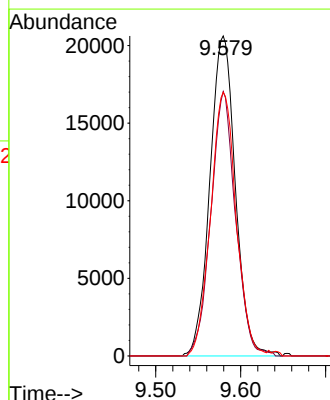
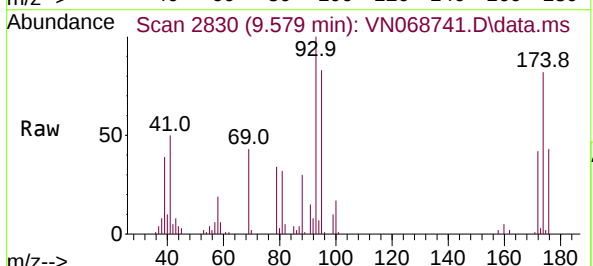
MMDadoda
9/30/2021 6:18:17 PM

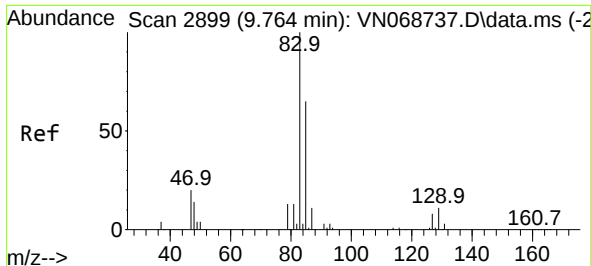


#46

Dibromomethane
Concen: 9.433 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 93 Resp: 42983
Ion Ratio Lower Upper
93 100
95 80.1 66.1 99.1
174 82.5 61.0 91.4





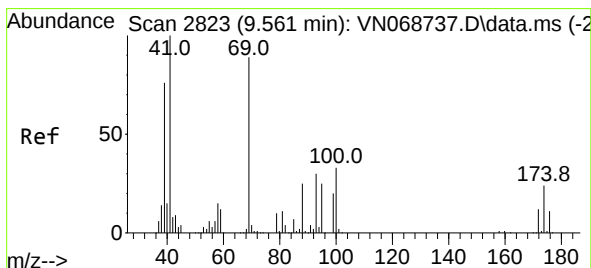
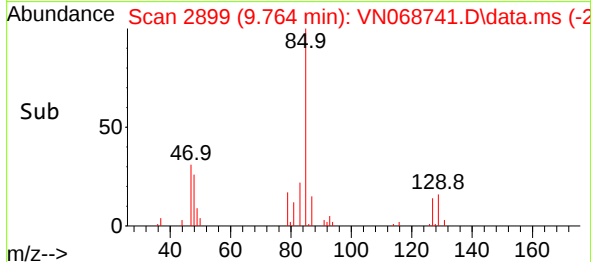
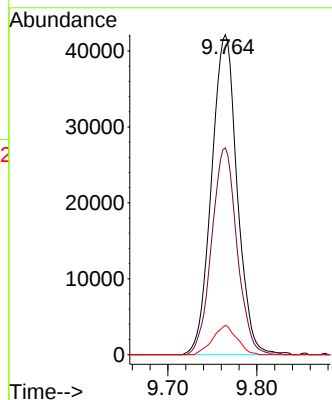
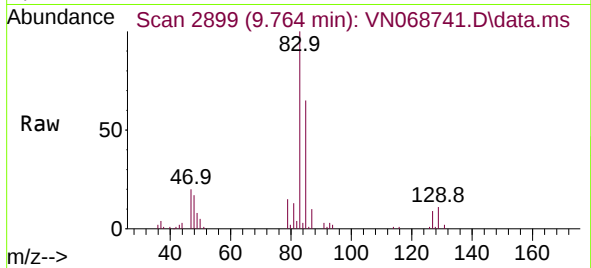
#47
Bromodichloromethane
Concen: 9.142 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.9	74.9
127	9.1	6.1	9.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

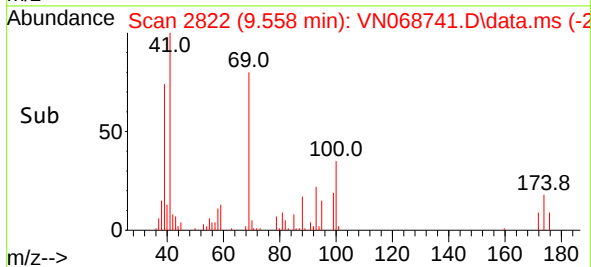
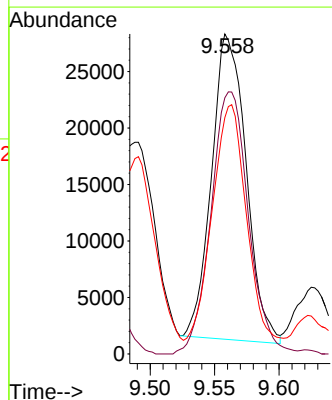
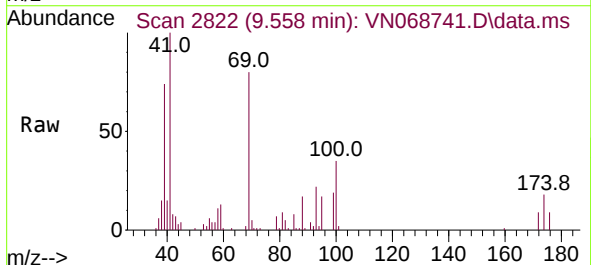
Manual Integrations
APPROVED

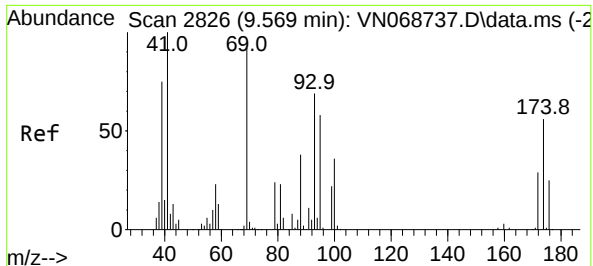
MMDadoda
9/30/2021 6:18:17 PM



#48
Methyl methacrylate
Concen: 8.853 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.3	64.6	96.8
39	76.9	53.3	79.9





#49

1,4-Dioxane

Concen: 181.454 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.002 min

Lab File: VN068741.D

Acq: 29 Sep 2021 14:51

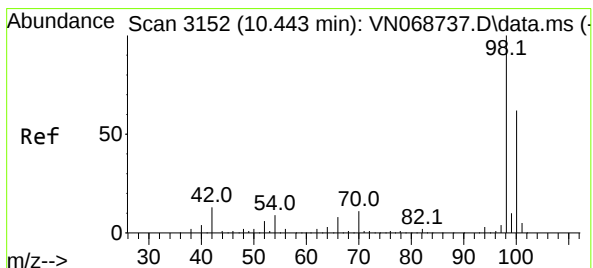
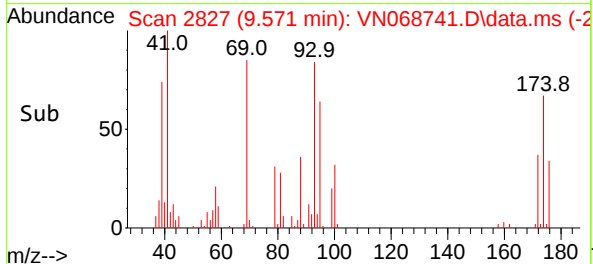
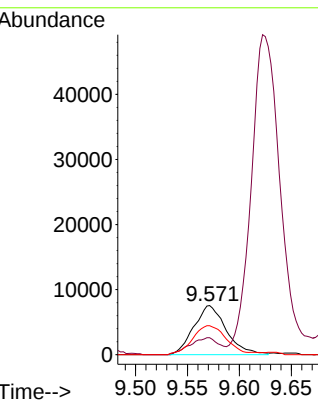
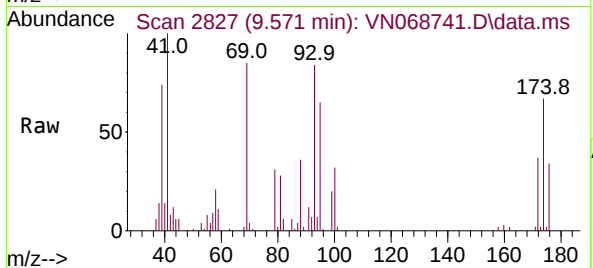
Tgt Ion: 88 Resp: 16419

Ion Ratio Lower Upper

88 100

43 31.4 28.8 43.2

58 60.7 60.4 90.6



#50

Toluene-d8

Concen: 7.752 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN068741.D

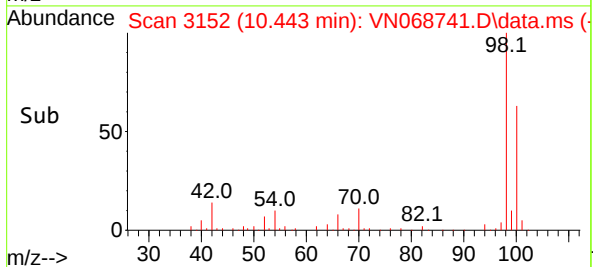
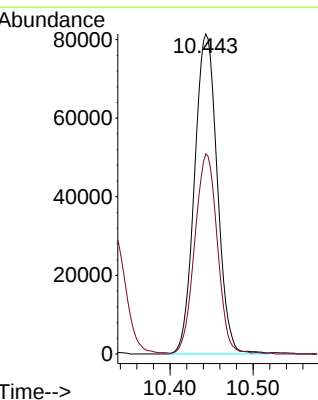
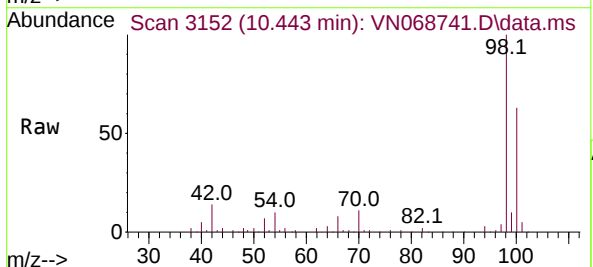
Acq: 29 Sep 2021 14:51

Tgt Ion: 98 Resp: 154620

Ion Ratio Lower Upper

98 100

100 61.6 51.7 77.5



Instrument :

MSVOA_N

ClientSampleId :

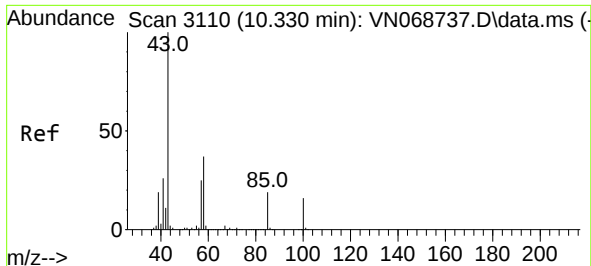
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

9/30/2021 6:18:17 PM



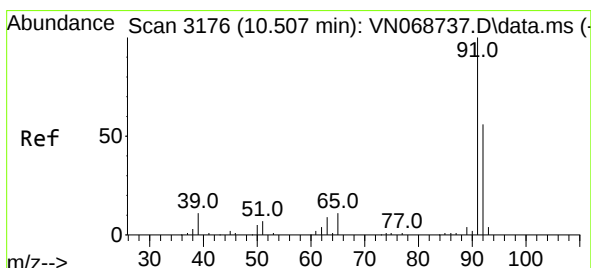
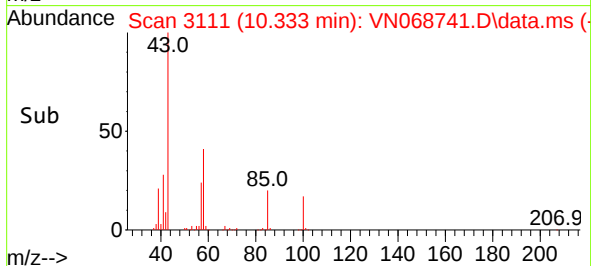
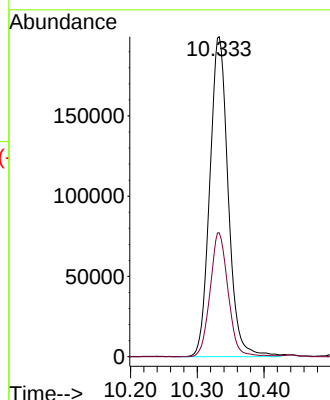
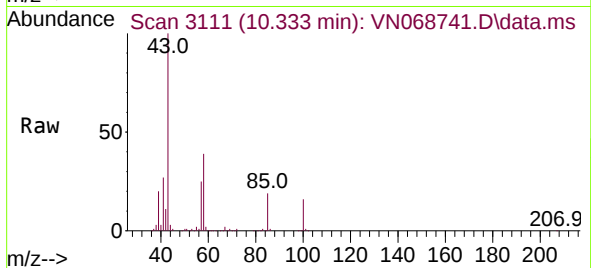
#51
4-Methyl-2-Pentanone
Concen: 47.424 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 382395
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

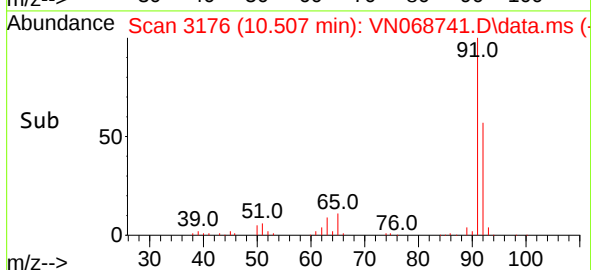
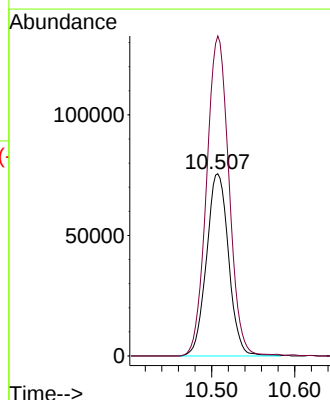
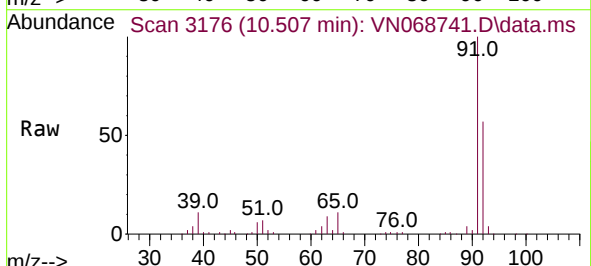
Manual Integrations
APPROVED

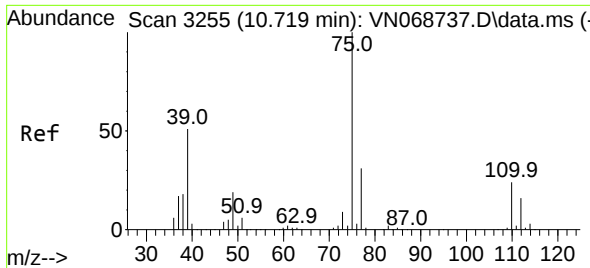
MMDadoda
9/30/2021 6:18:17 PM



#52
Toluene
Concen: 8.946 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 92 Resp: 139567
Ion Ratio Lower Upper
92 100
91 177.9 139.6 209.4





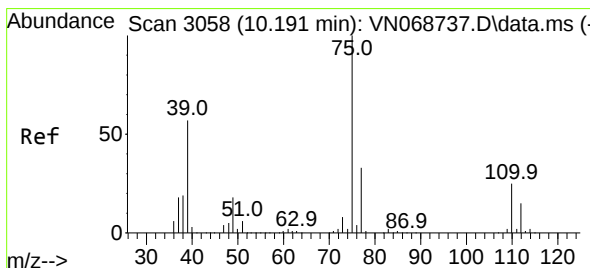
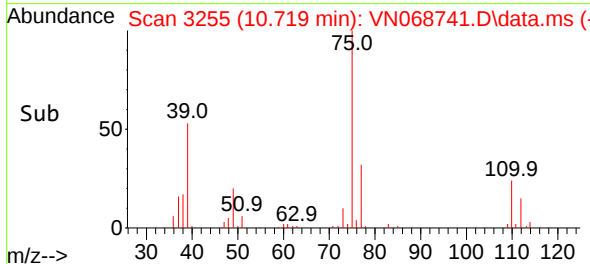
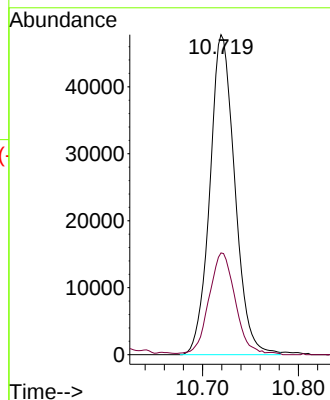
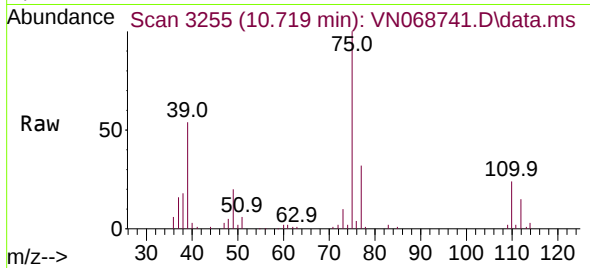
#53
t-1,3-Dichloropropene
Concen: 9.086 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 75 Resp: 86492
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

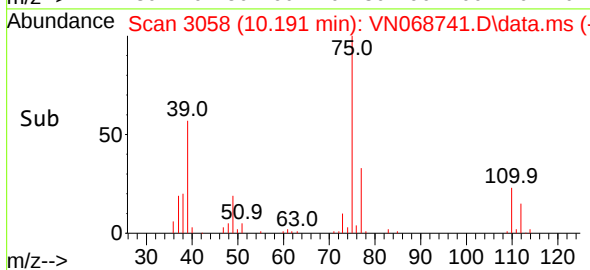
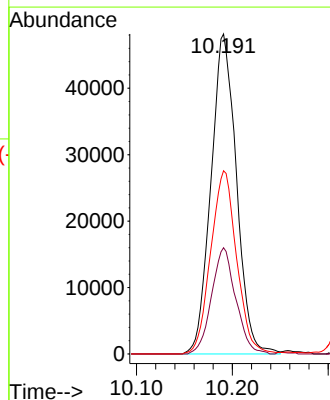
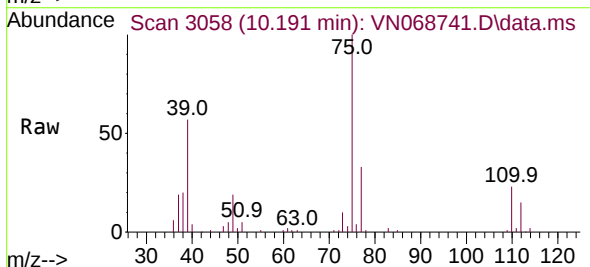
Manual Integrations
APPROVED

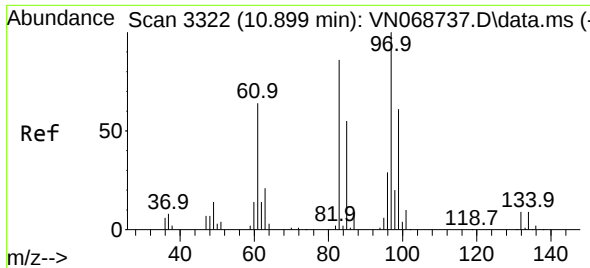
MMDadoda
9/30/2021 6:18:17 PM



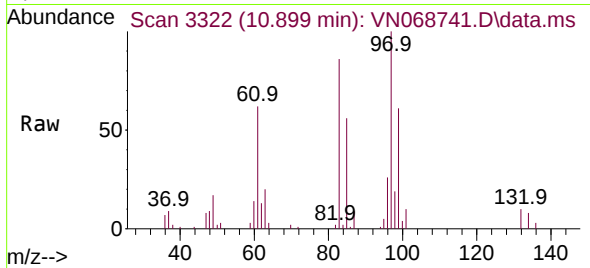
#54
cis-1,3-Dichloropropene
Concen: 8.949 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 75 Resp: 88831
Ion Ratio Lower Upper
75 100
77 33.2 24.6 37.0
39 57.3 50.7 76.1

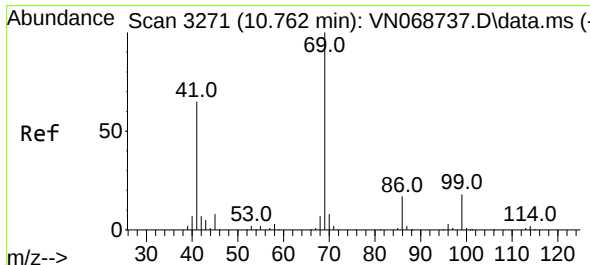
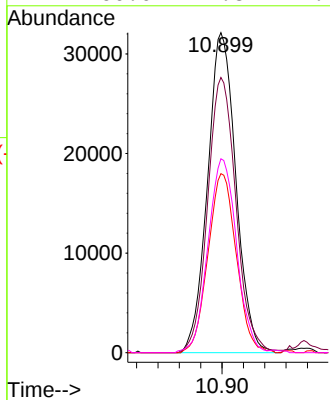
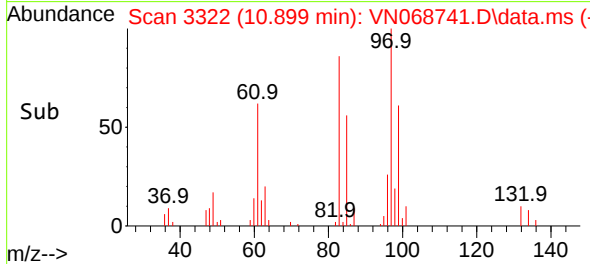




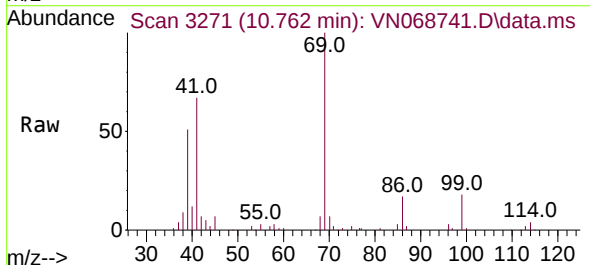
#55
1,1,2-Trichloroethane
Concen: 8.982 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



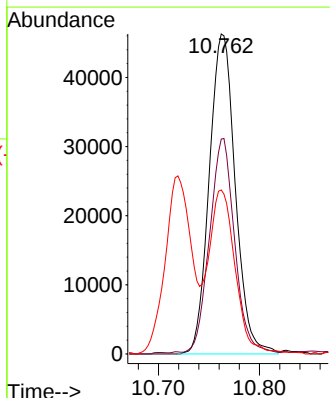
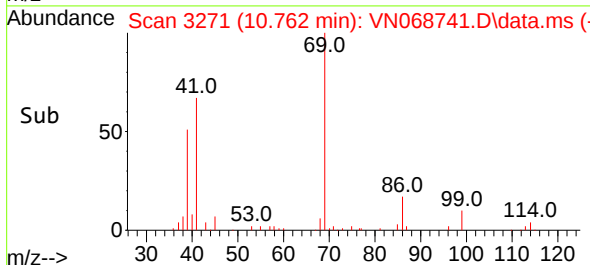
Tgt Ion:	97	Resp:	59183
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.0	108.0
85	56.0	46.8	70.2
99	60.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 9.245 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



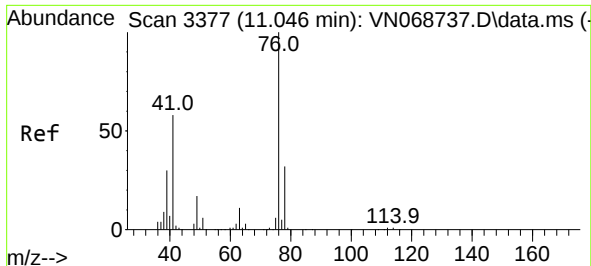
Tgt Ion:	69	Resp:	82879
Ion	Ratio	Lower	Upper
69	100		
41	64.1	58.6	88.0
39	49.5	38.3	57.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



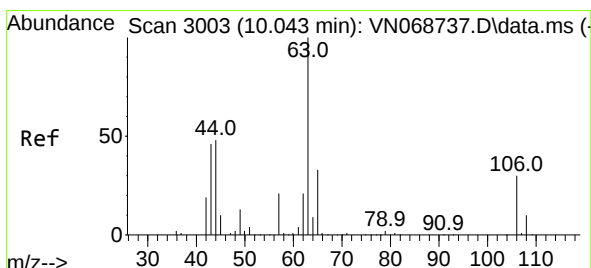
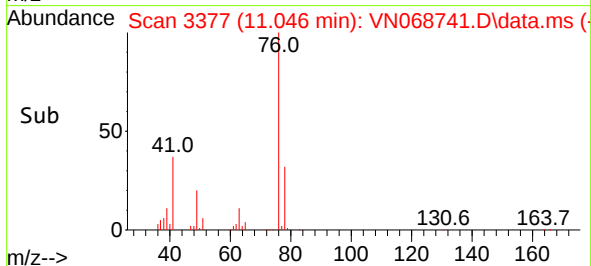
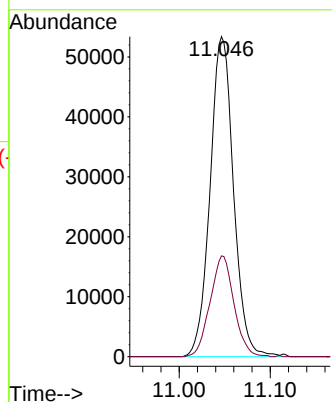
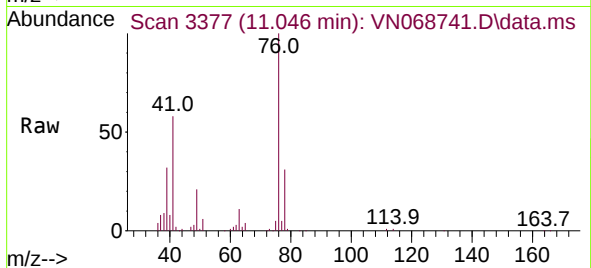
#57
1,3-Dichloropropane
Concen: 9.273 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 76 Resp: 95348
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

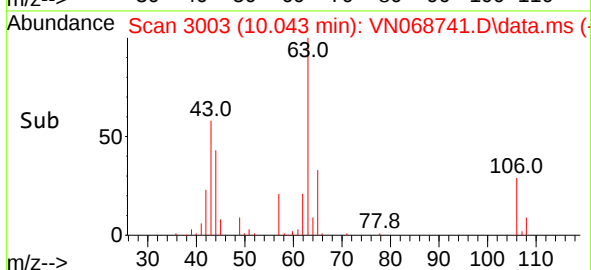
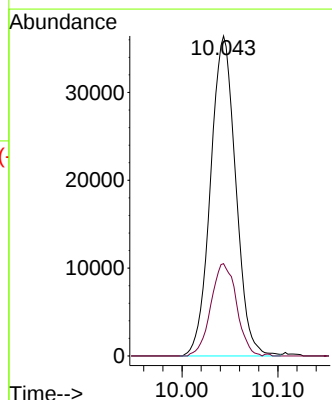
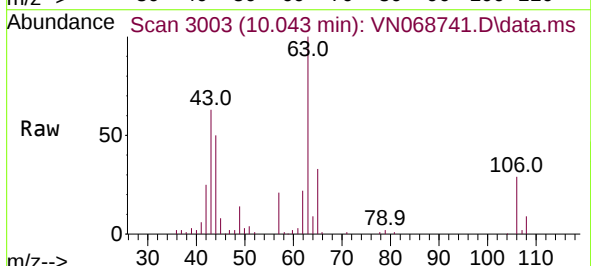
Manual Integrations
APPROVED

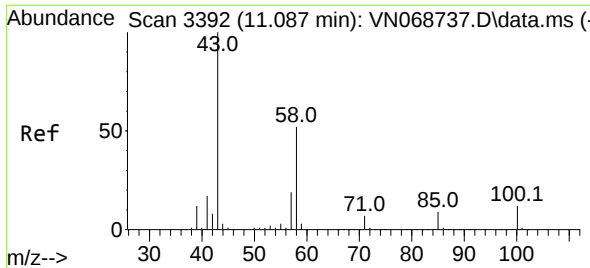
MMDadoda
9/30/2021 6:18:17 PM



#58
2-Chloroethyl Vinyl ether
Concen: 34.325 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 63 Resp: 66457
Ion Ratio Lower Upper
63 100
106 29.3 19.8 29.8





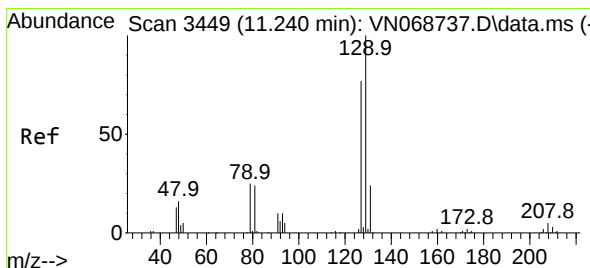
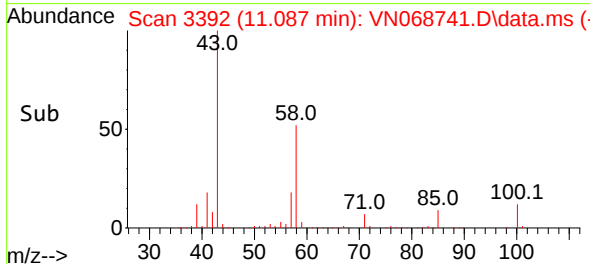
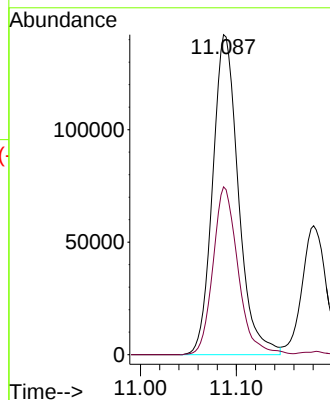
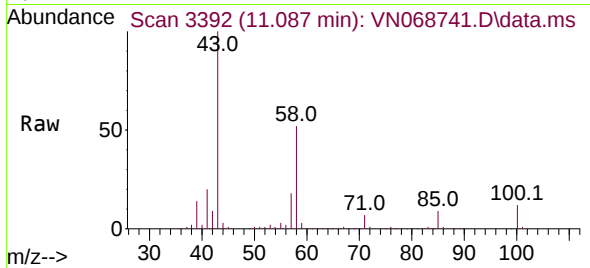
#59
2-Hexanone
Concen: 47.803 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 265248
Ion Ratio Lower Upper
43 100
58 51.1 24.7 74.1

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

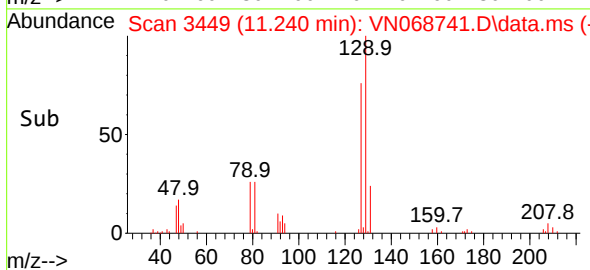
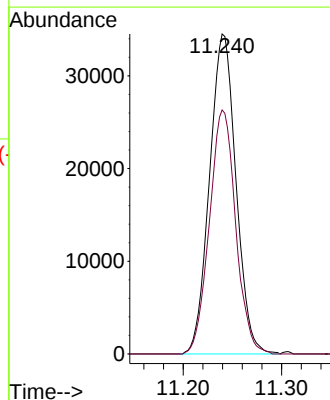
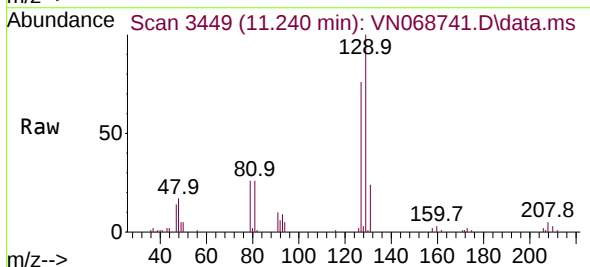
Manual Integrations
APPROVED

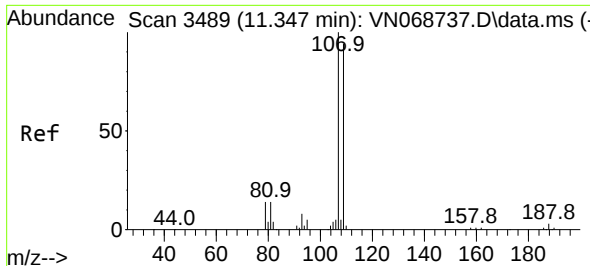
MMDadoda
9/30/2021 6:18:17 PM



#60
Dibromochloromethane
Concen: 9.109 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

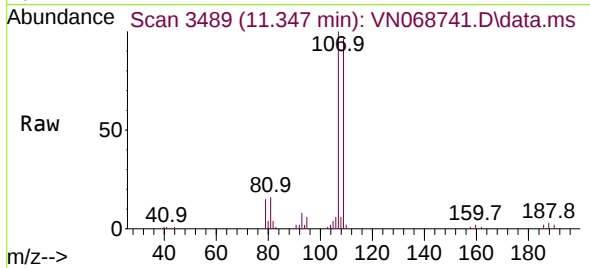
Tgt Ion: 129 Resp: 64504
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 9.057 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

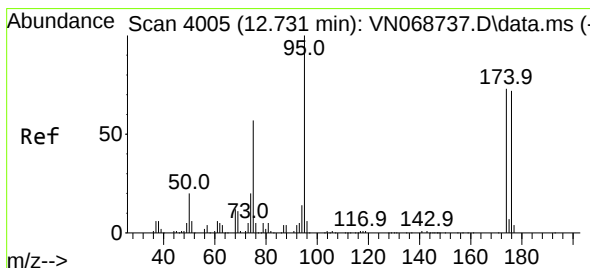
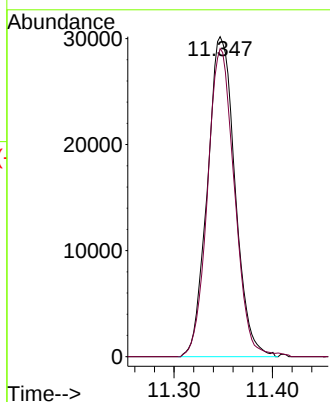
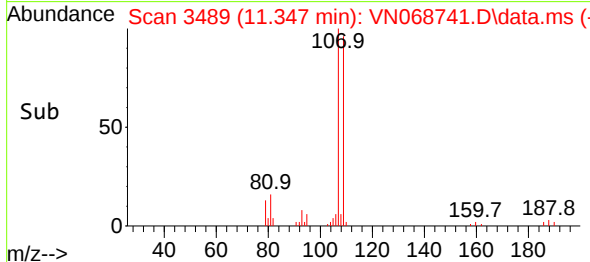
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



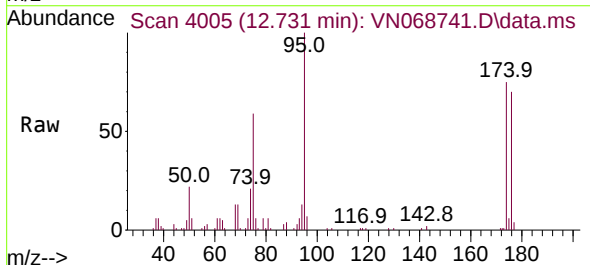
Tgt Ion:107 Resp: 58887
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.4

Manual Integrations
APPROVED

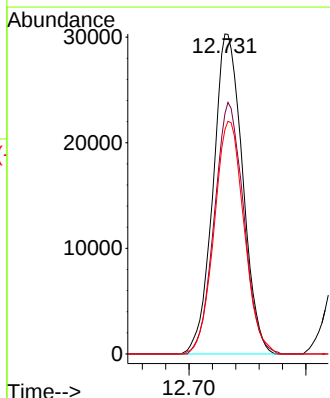
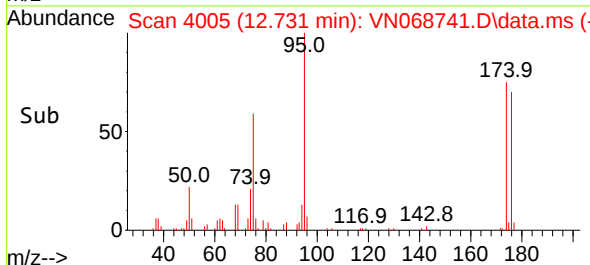
MMDadoda
9/30/2021 6:18:17 PM

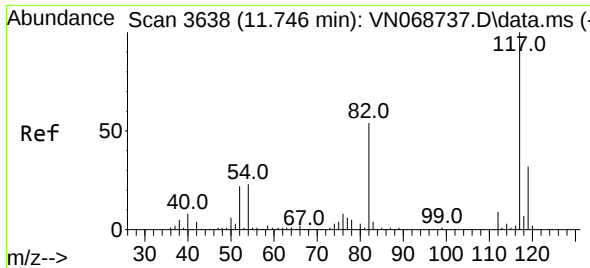


#62
4-Bromofluorobenzene
Concen: 7.484 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



Tgt Ion: 95 Resp: 52892
Ion Ratio Lower Upper
95 100
174 78.2 0.0 122.0
176 73.8 0.0 117.6





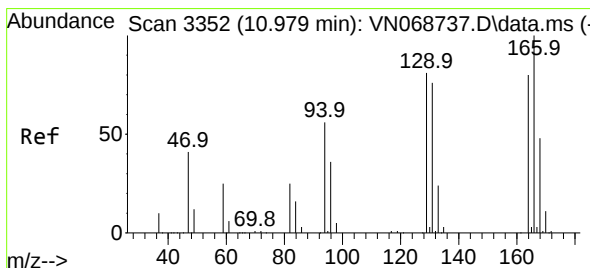
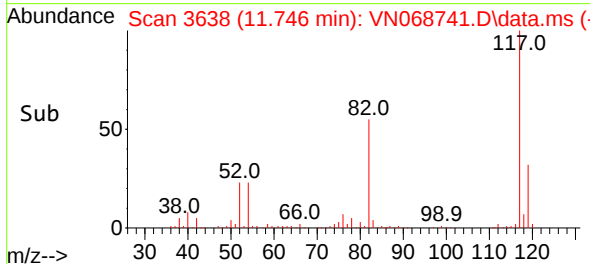
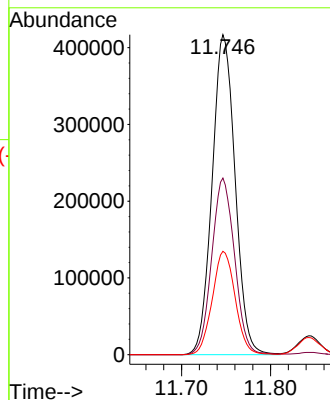
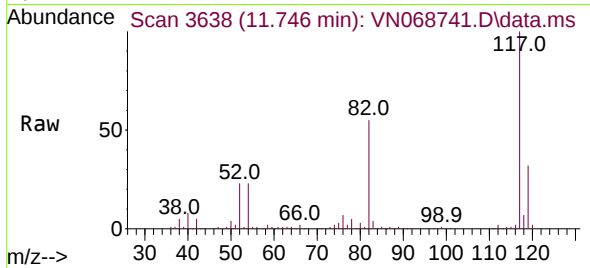
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 749159
Ion Ratio Lower Upper
117 100
82 55.2 53.1 79.7
119 32.3 25.5 38.3

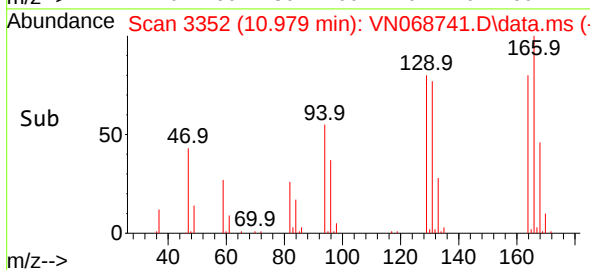
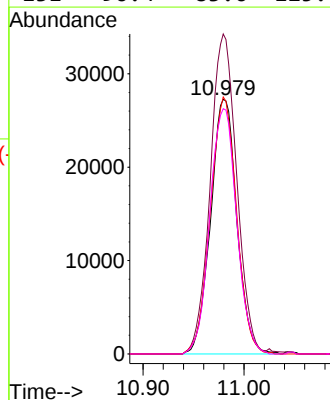
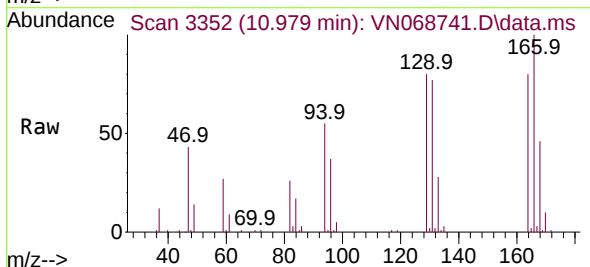
Manual Integrations
APPROVED

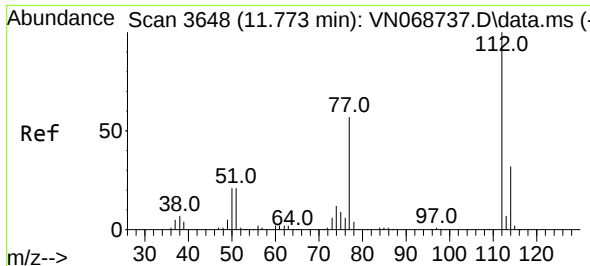
MMDadoda
9/30/2021 6:18:17 PM



#64
Tetrachloroethene
Concen: 8.769 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:164 Resp: 49014
Ion Ratio Lower Upper
164 100
166 125.7 102.1 153.1
129 100.9 86.9 130.3
131 96.4 83.6 125.4





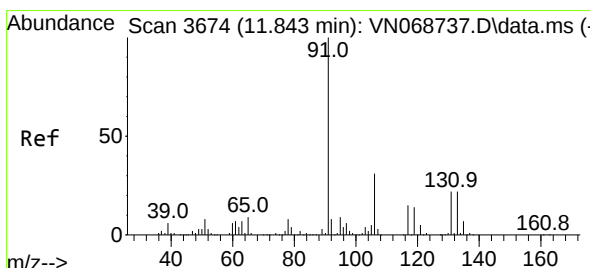
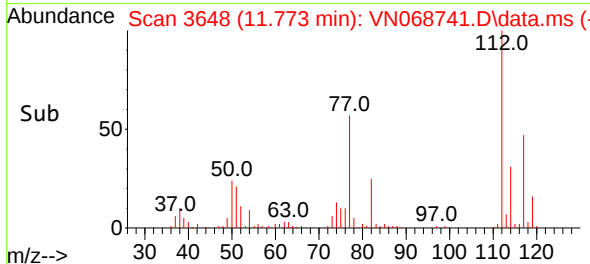
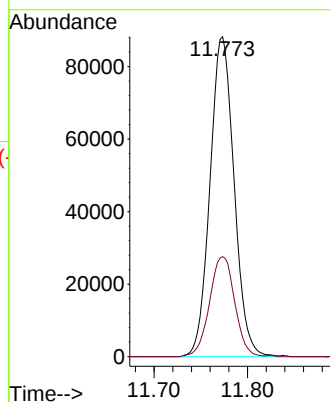
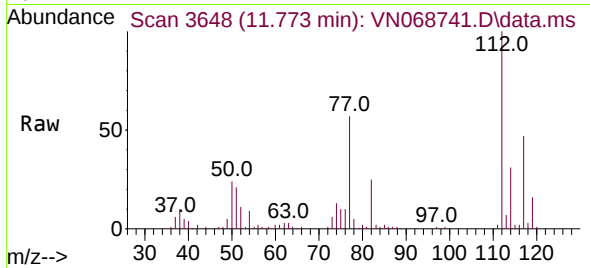
#65
Chlorobenzene
Concen: 9.198 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 158292
Ion Ratio Lower Upper
112 100
114 31.2 24.6 37.0

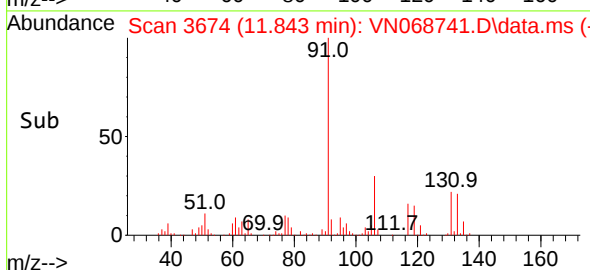
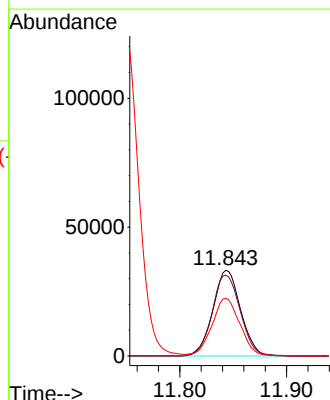
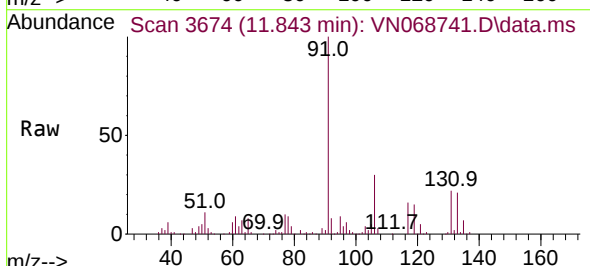
Manual Integrations
APPROVED

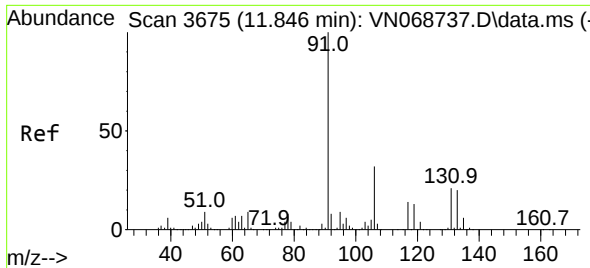
MMDadoda
9/30/2021 6:18:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 8.906 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:131 Resp: 59967
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 67.9 33.1 99.3





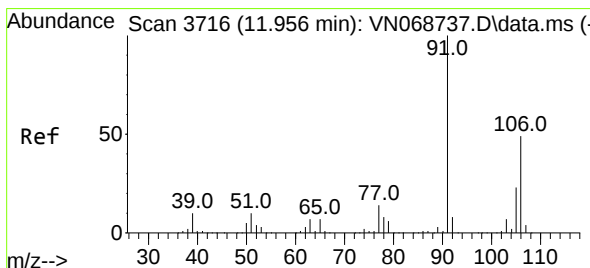
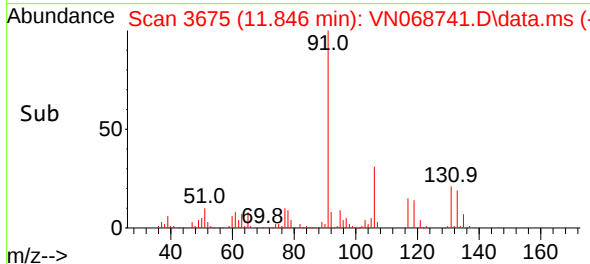
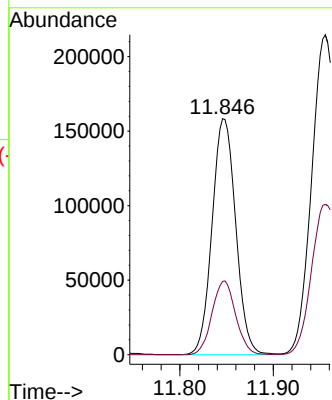
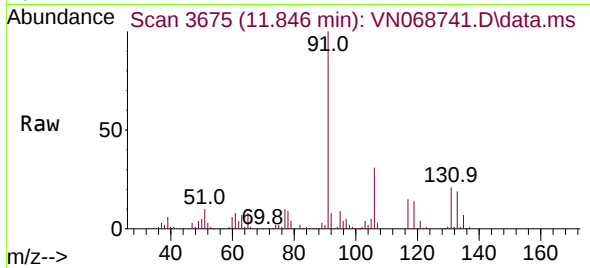
#67
Ethyl Benzene
Concen: 9.112 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 91 Resp: 278361
Ion Ratio Lower Upper
91 100
106 31.0 23.4 35.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

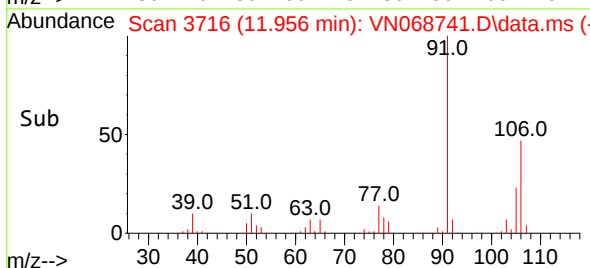
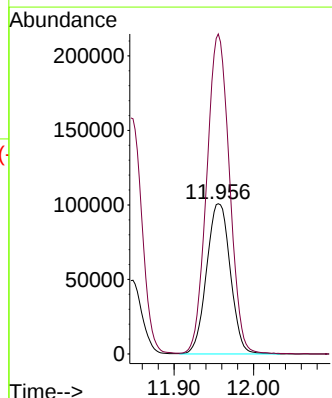
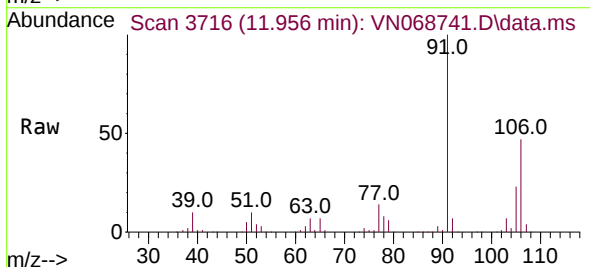
Manual Integrations
APPROVED

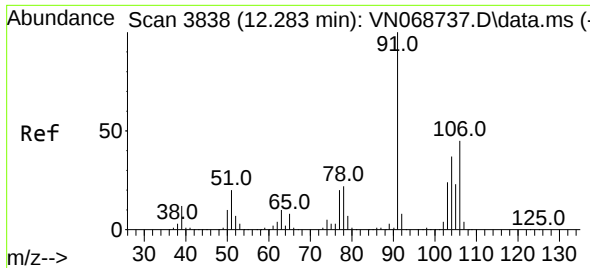
MMDadoda
9/30/2021 6:18:17 PM



#68
m/p-Xylenes
Concen: 18.380 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:106 Resp: 208938
Ion Ratio Lower Upper
106 100
91 204.3 180.6 270.8





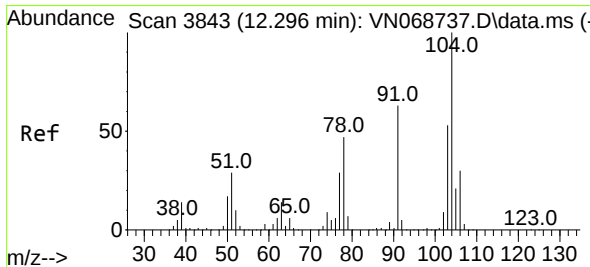
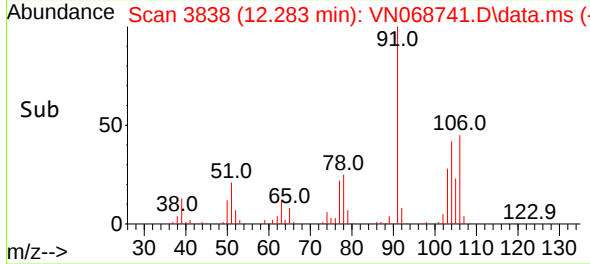
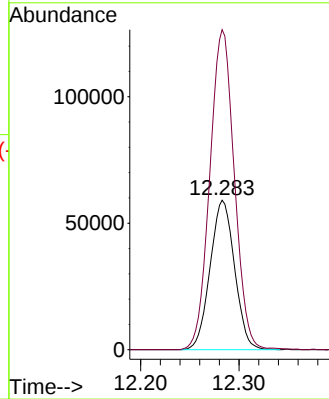
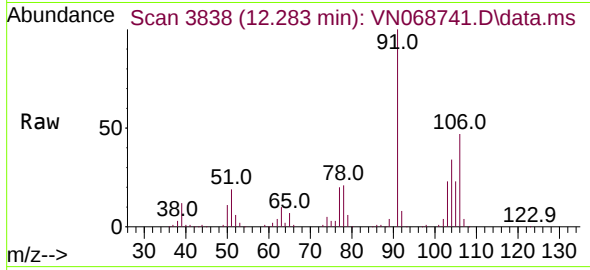
#69
o-Xylene
Concen: 9.036 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:106 Resp: 102101
Ion Ratio Lower Upper
106 100
91 215.0 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

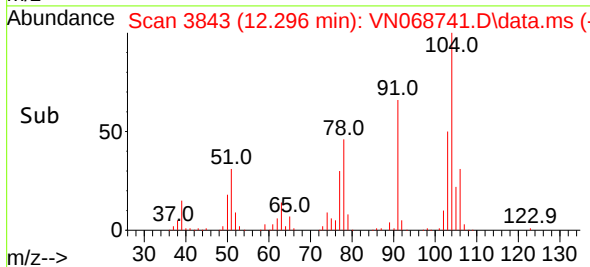
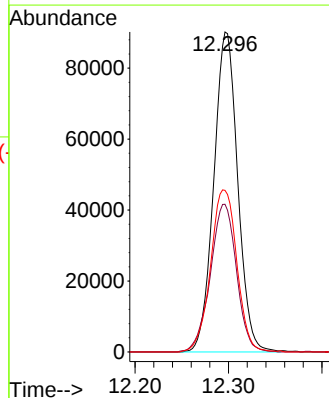
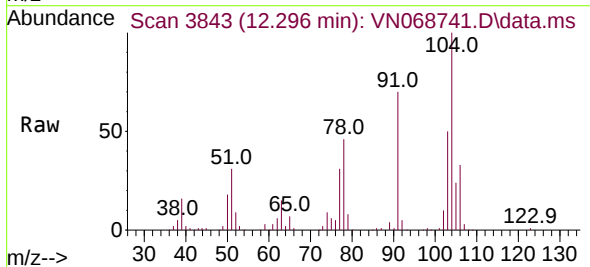
Manual Integrations
APPROVED

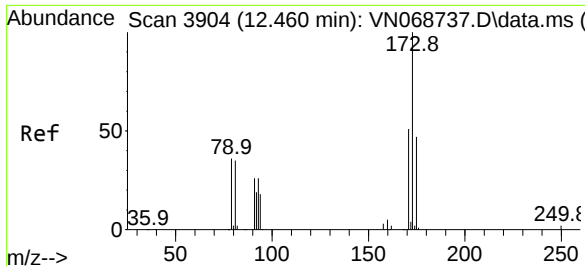
MMDadoda
9/30/2021 6:18:17 PM



#70
Styrene
Concen: 8.798 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:104 Resp: 160701
Ion Ratio Lower Upper
104 100
78 50.4 48.2 72.2
103 55.7 44.5 66.7





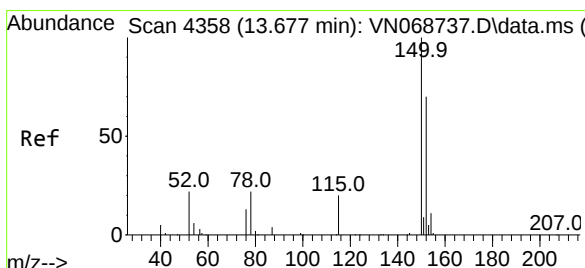
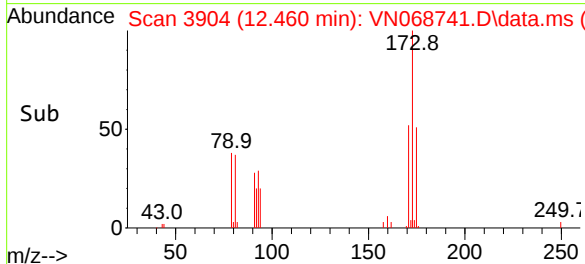
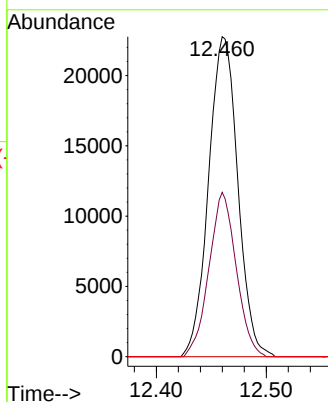
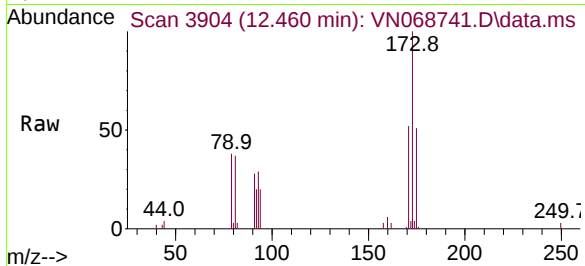
#71
Bromoform
Concen: 8.689 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.8
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

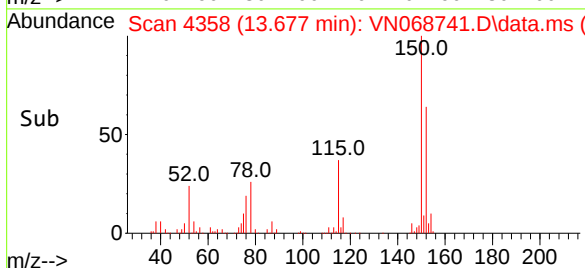
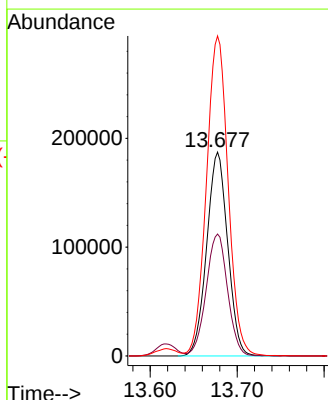
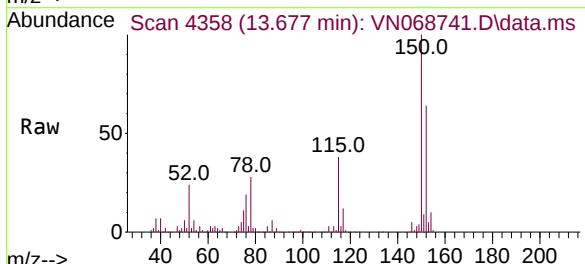
Manual Integrations
APPROVED

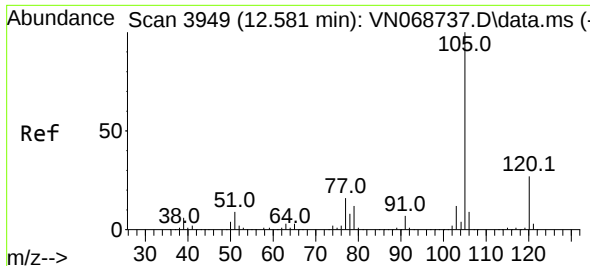
MMDadoda
9/30/2021 6:18:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	36.1	108.5
150	162.1	0.0	351.8





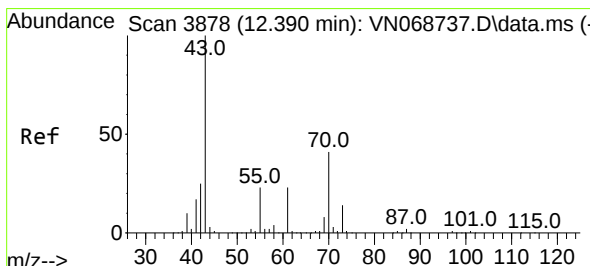
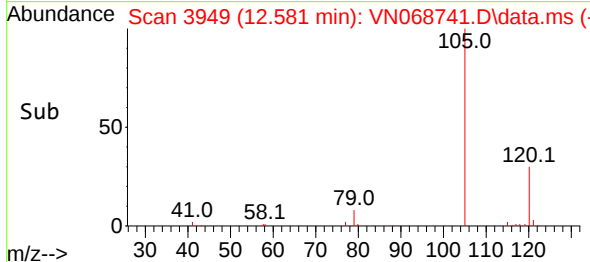
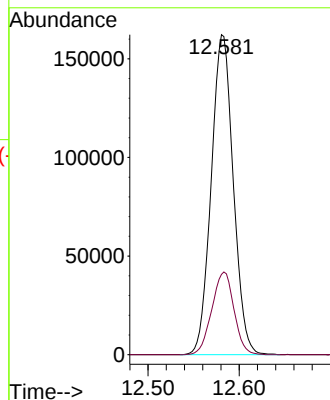
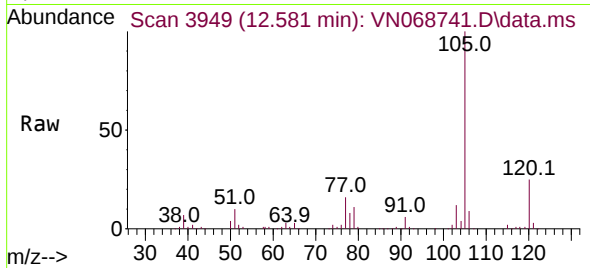
#73
Isopropylbenzene
Concen: 9.703 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 105 Resp: 272581
Ion Ratio Lower Upper
105 100
120 26.0 12.5 37.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

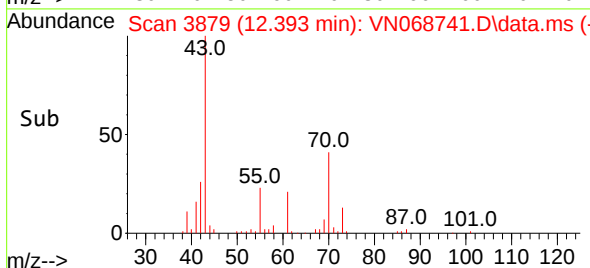
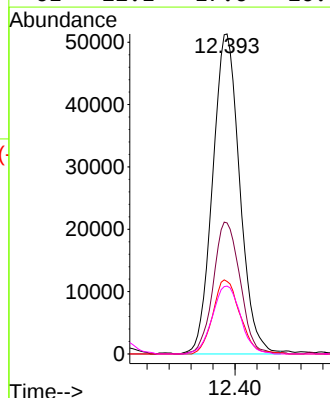
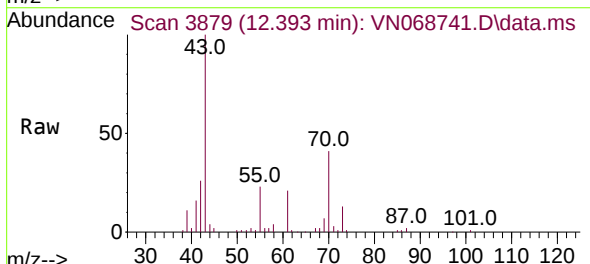
Manual Integrations
APPROVED

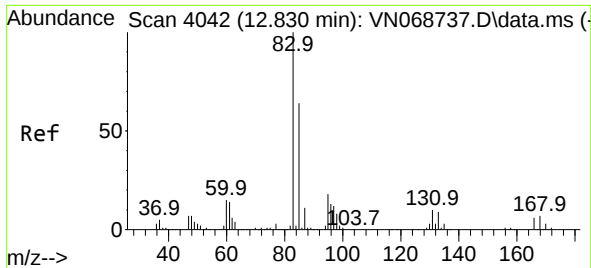
MMDadoda
9/30/2021 6:18:17 PM



#74
N-ethyl acetate
Concen: 9.649 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 43 Resp: 87671
Ion Ratio Lower Upper
43 100
70 40.9 29.4 44.2
55 23.3 17.0 25.4
61 22.1 17.6 26.4





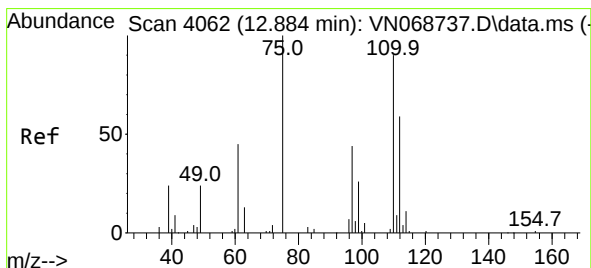
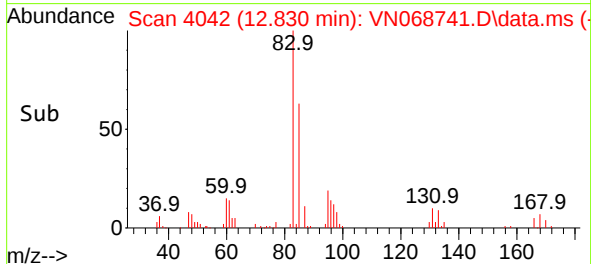
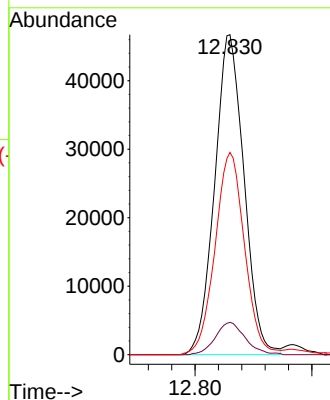
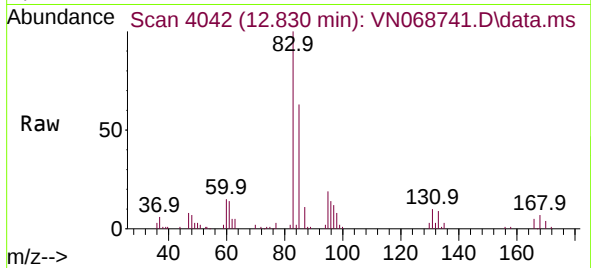
#75
1,1,2,2-Tetrachloroethane
Concen: 9.745 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 83 Resp: 81478
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 63.4 32.2 96.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

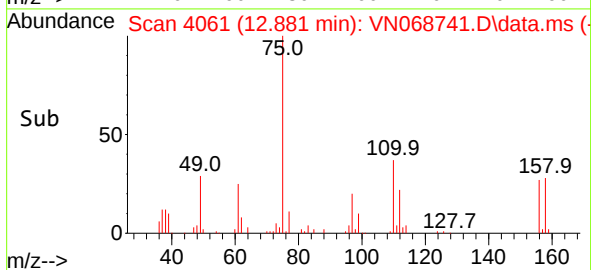
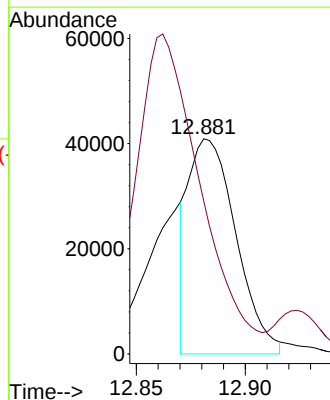
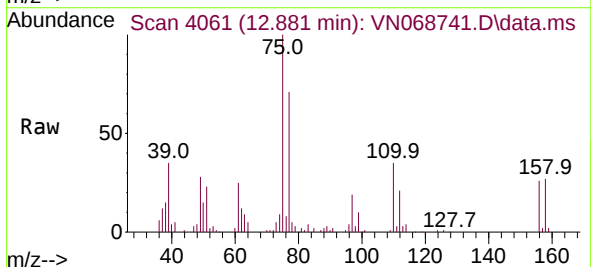
Manual Integrations
APPROVED

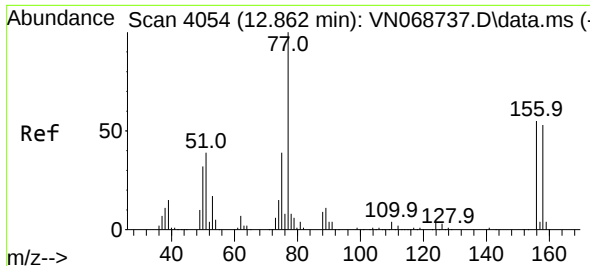
MMDadoda
9/30/2021 6:18:17 PM



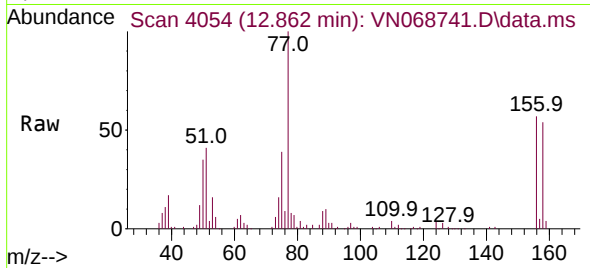
#76
1,2,3-Trichloropropane
Concen: 9.103 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 75 Resp: 62464
Ion Ratio Lower Upper
75 100
77 202.5 0.0 0.0#

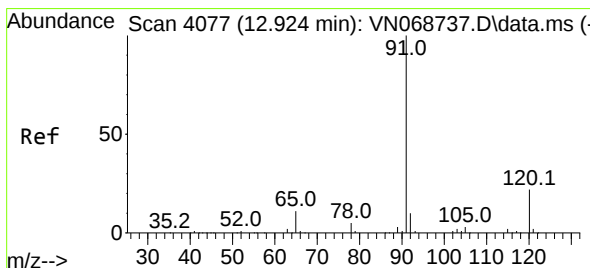
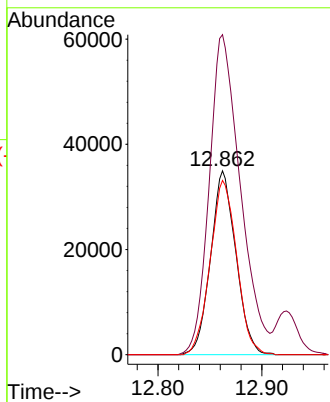
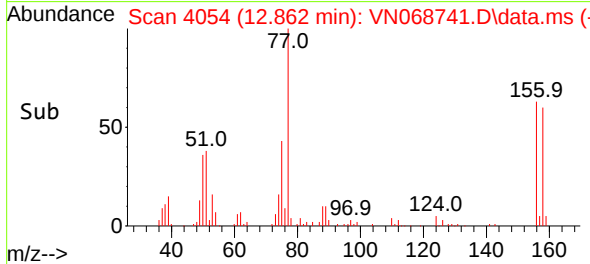




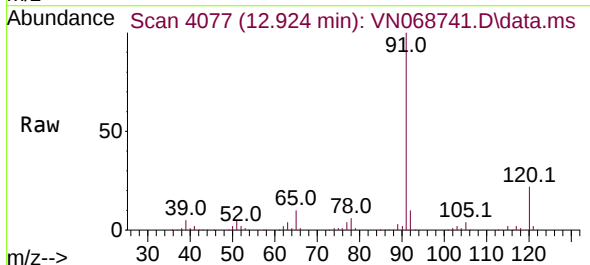
#77
Bromobenzene
Concen: 9.251 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



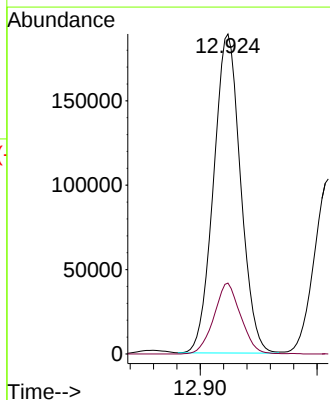
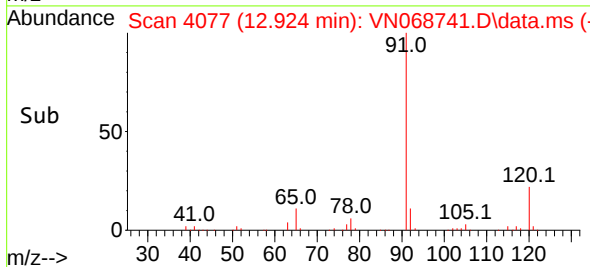
Tgt Ion:156 Resp: 59183
Ion Ratio Lower Upper
156 100
77 213.7 136.2 408.6
158 99.3 48.4 145.3



#78
n-propylbenzene
Concen: 9.516 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



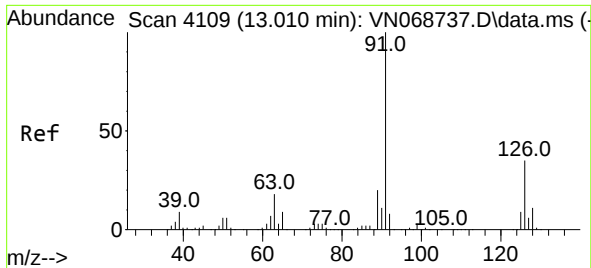
Tgt Ion: 91 Resp: 303253
Ion Ratio Lower Upper
91 100
120 22.0 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



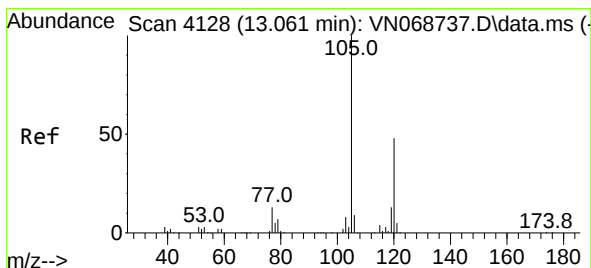
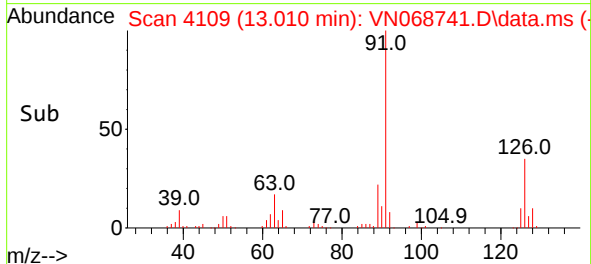
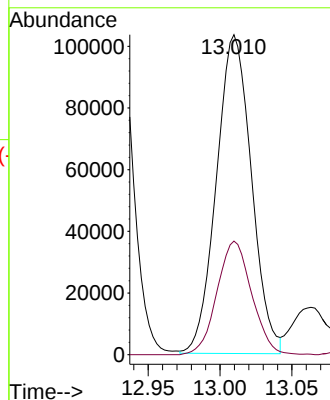
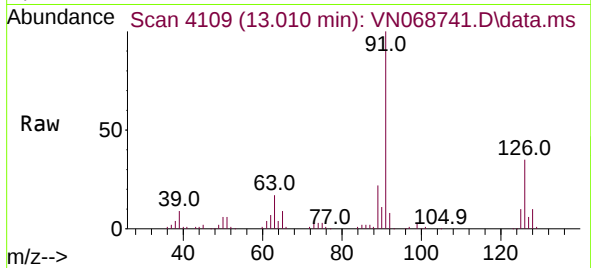
#79
2-Chlorotoluene
Concen: 9.533 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion: 91 Resp: 175251
Ion Ratio Lower Upper
91 100
126 35.2 14.5 43.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

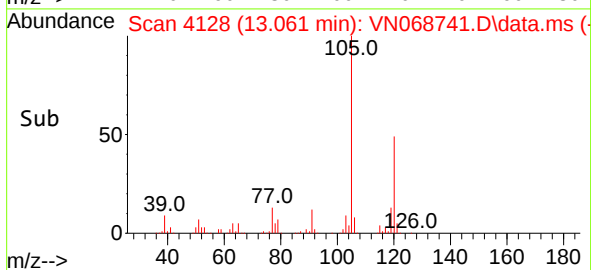
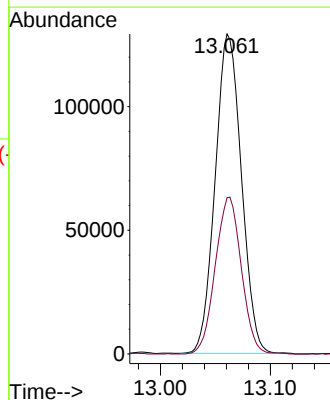
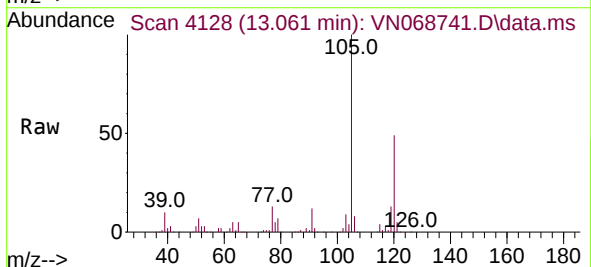
Manual Integrations
APPROVED

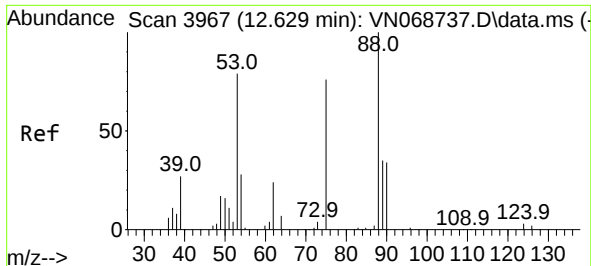
MMDadoda
9/30/2021 6:18:17 PM



#80
1,3,5-Trimethylbenzene
Concen: 9.538 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

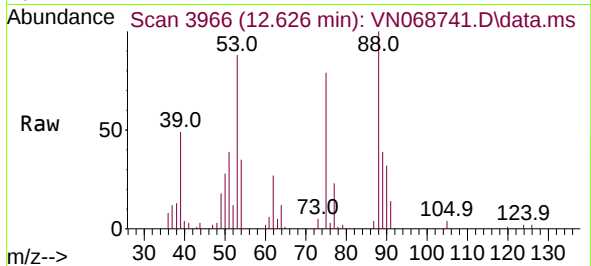
Tgt Ion: 105 Resp: 213987
Ion Ratio Lower Upper
105 100
120 48.8 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 8.903 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

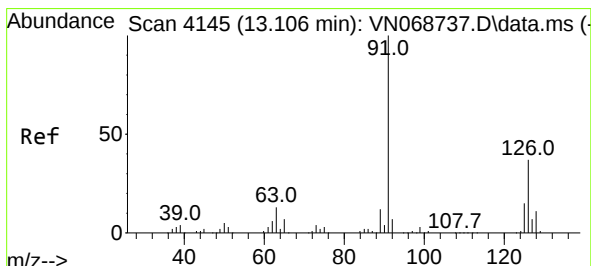
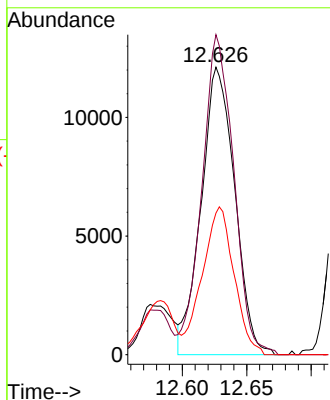
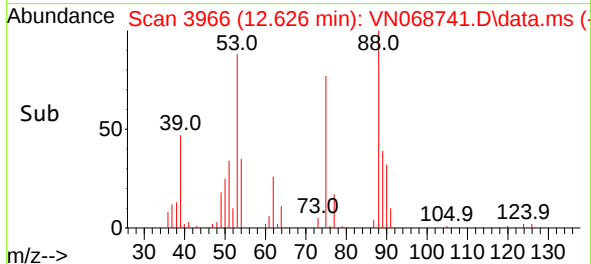
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



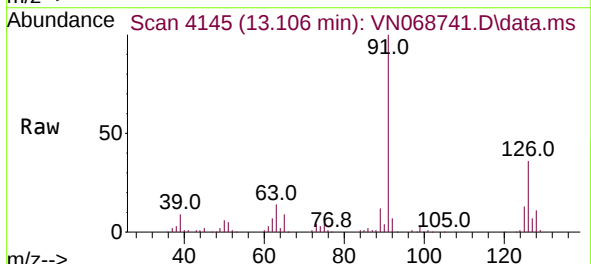
Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.8	87.6	131.4
89	48.8	37.8	56.8

Manual Integrations
APPROVED

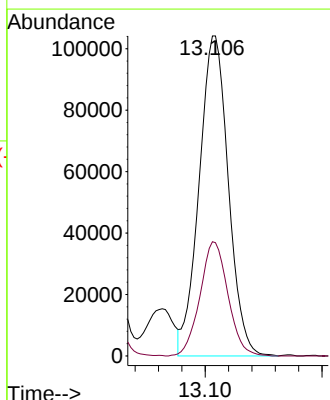
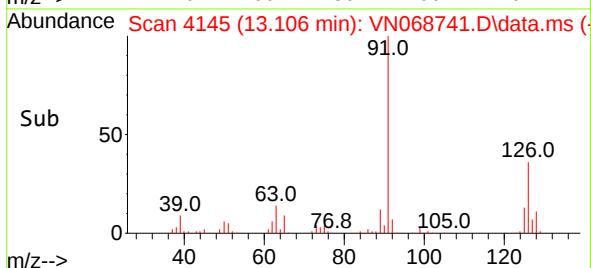
MMDadoda
9/30/2021 6:18:17 PM

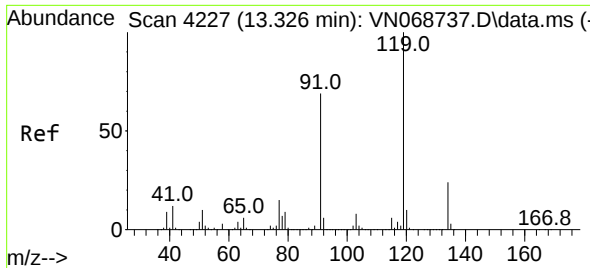


#82
4-Chlorotoluene
Concen: 9.818 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



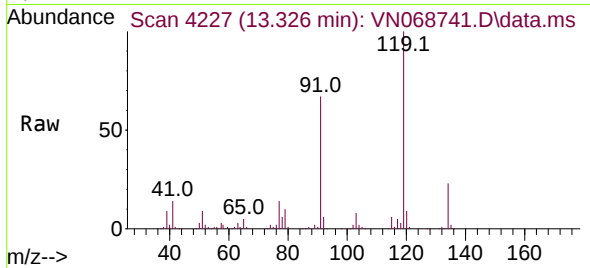
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	14.8	44.4





#83
tert-Butylbenzene
Concen: 9.640 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

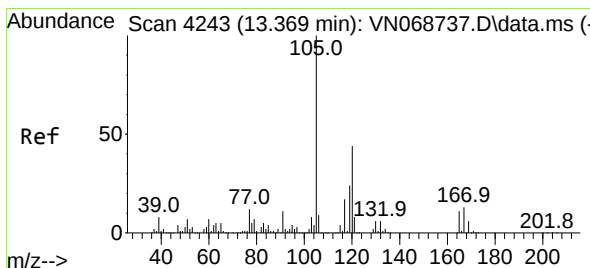
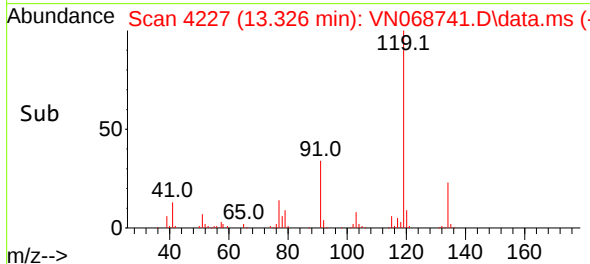
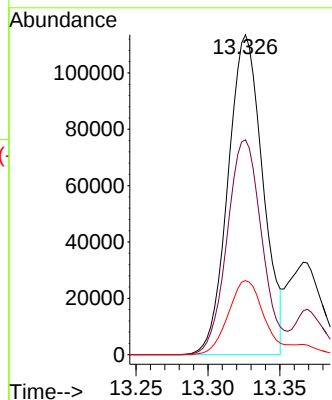
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:119 Resp: 190986
Ion Ratio Lower Upper
119 100
91 68.0 39.5 118.5
134 24.3 12.0 36.0

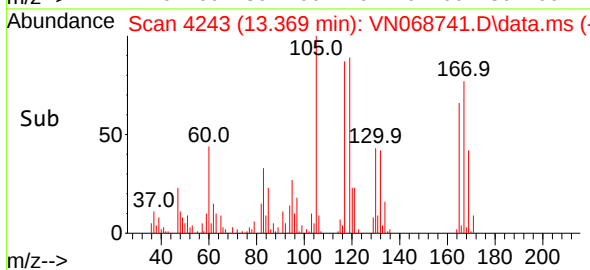
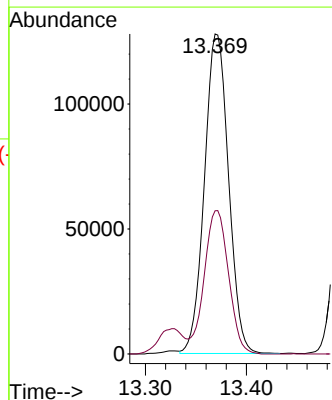
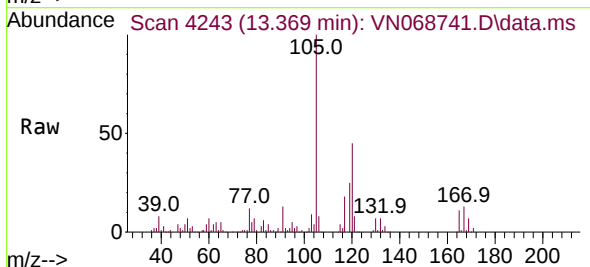
Manual Integrations
APPROVED

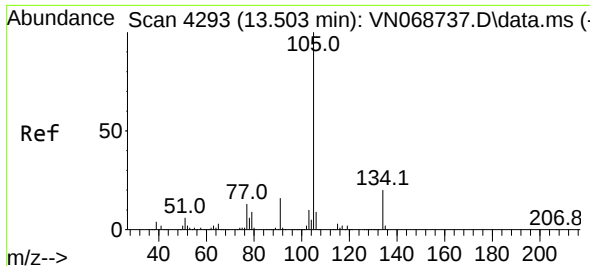
MMDadoda
9/30/2021 6:18:17 PM



#84
1,2,4-Trimethylbenzene
Concen: 9.626 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

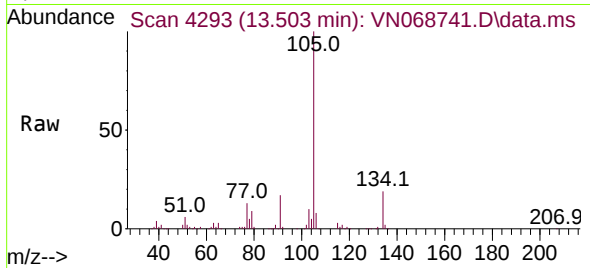
Tgt Ion:105 Resp: 212225
Ion Ratio Lower Upper
105 100
120 45.3 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 9.646 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068741.D
 Acq: 29 Sep 2021 14:51

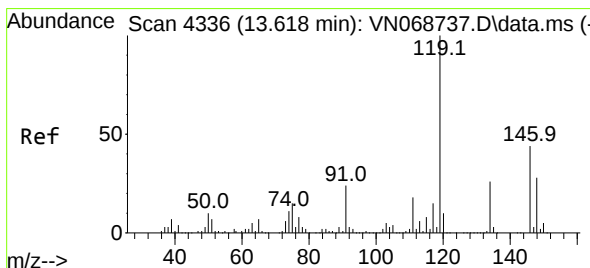
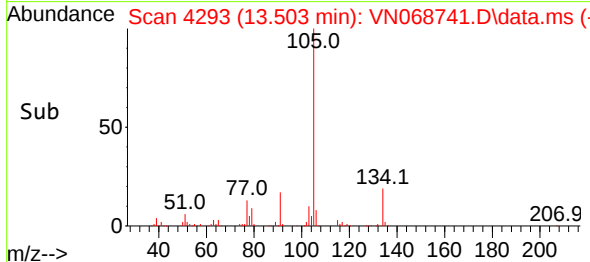
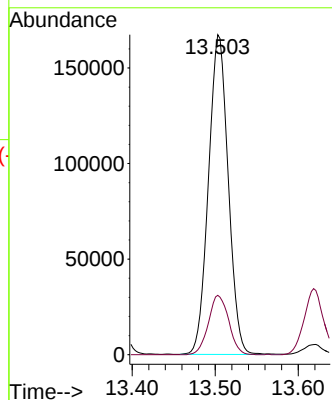
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 275816
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.0 27.1

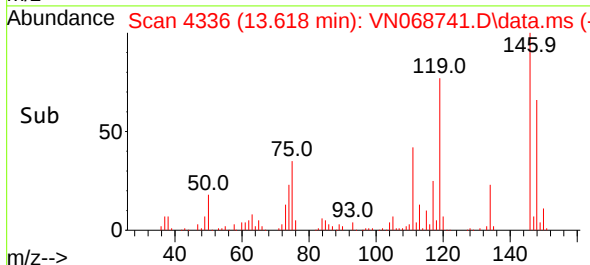
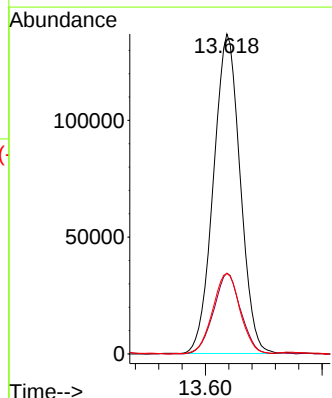
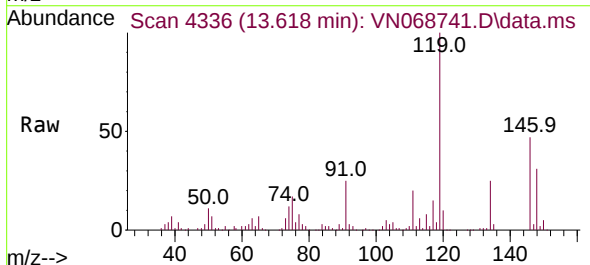
Manual Integrations
 APPROVED

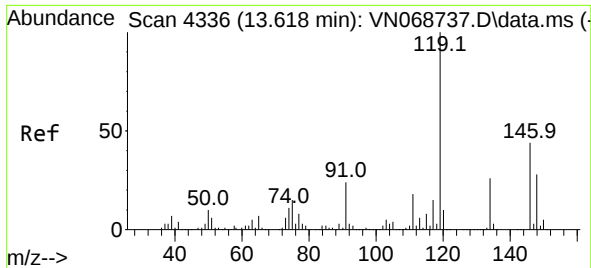
MMDadoda
 9/30/2021 6:18:17 PM



#86
 p-Isopropyltoluene
 Concen: 9.422 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068741.D
 Acq: 29 Sep 2021 14:51

Tgt Ion:119 Resp: 217118
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.4
 91 26.0 14.8 44.3





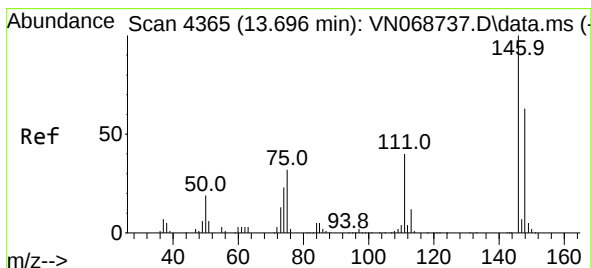
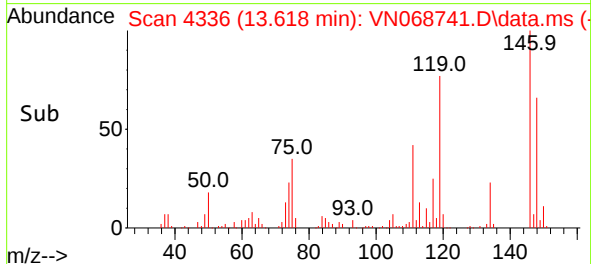
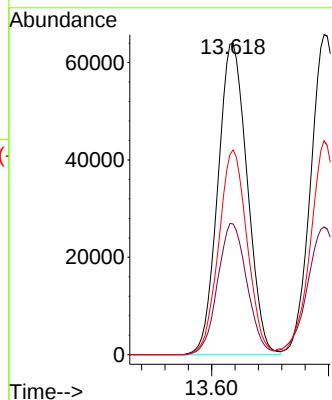
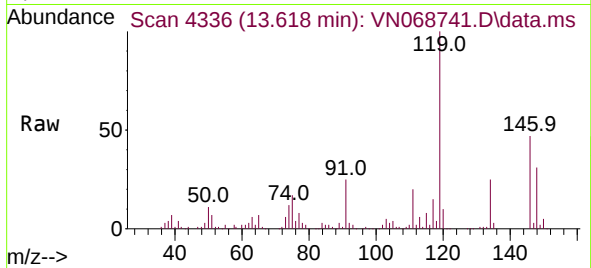
#87
1,3-Dichlorobenzene
Concen: 9.317 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion:146 Resp: 111450
Ion Ratio Lower Upper
146 100
111 42.2 24.3 72.8
148 64.0 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

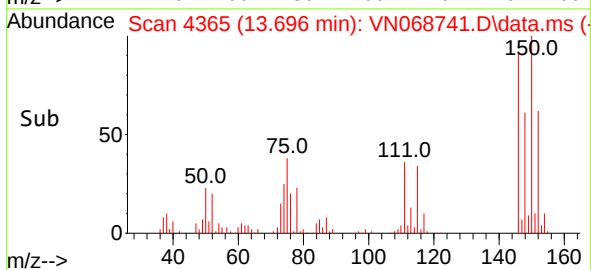
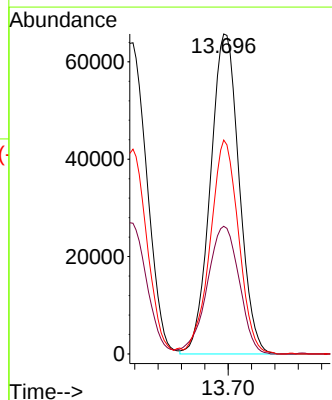
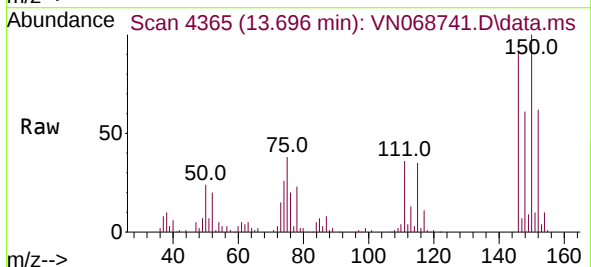
Manual Integrations
APPROVED

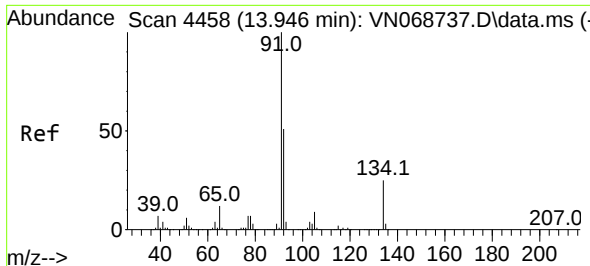
MMDadoda
9/30/2021 6:18:17 PM



#88
1,4-Dichlorobenzene
Concen: 9.532 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

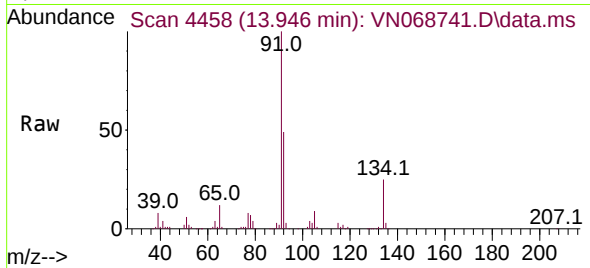
Tgt Ion:146 Resp: 112354
Ion Ratio Lower Upper
146 100
111 44.5 23.4 70.2
148 66.5 31.8 95.3





#89
n-Butylbenzene
Concen: 9.516 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

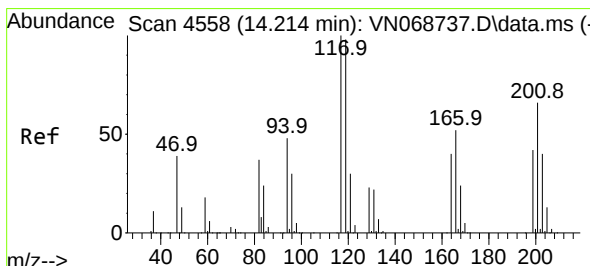
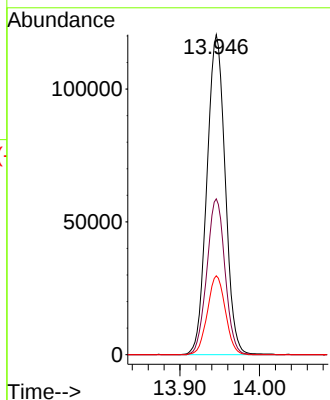
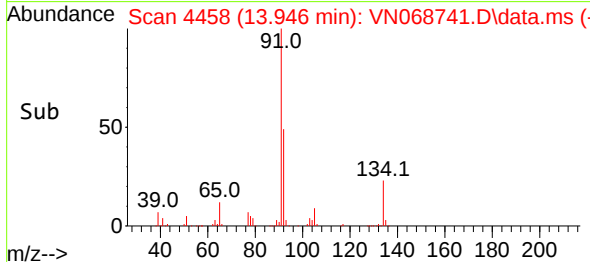
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



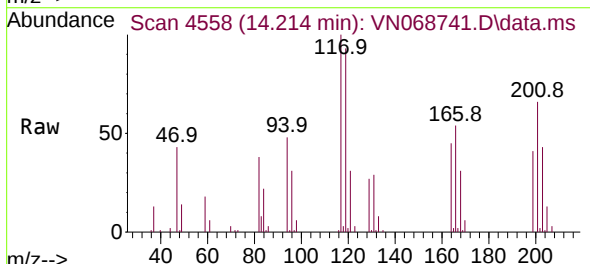
Tgt Ion: 91 Resp: 192541
Ion Ratio Lower Upper
91 100
92 48.4 25.7 77.1
134 24.3 11.2 33.6

Manual Integrations
APPROVED

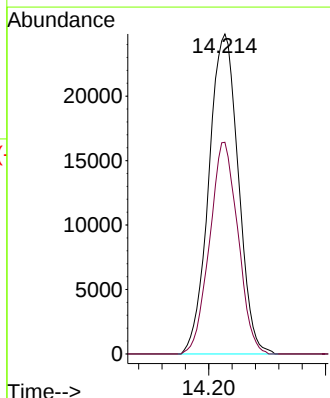
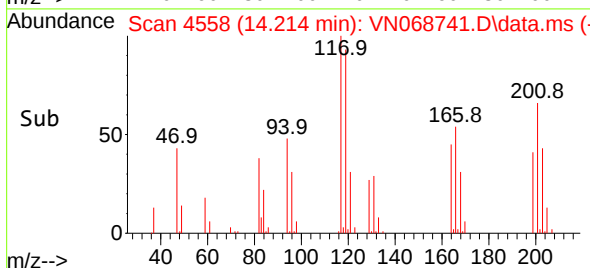
MMDadoda
9/30/2021 6:18:17 PM

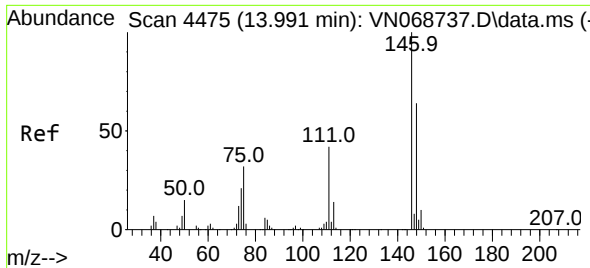


#90
Hexachloroethane
Concen: 9.426 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51



Tgt Ion: 117 Resp: 43471
Ion Ratio Lower Upper
117 100
201 63.6 33.5 100.5





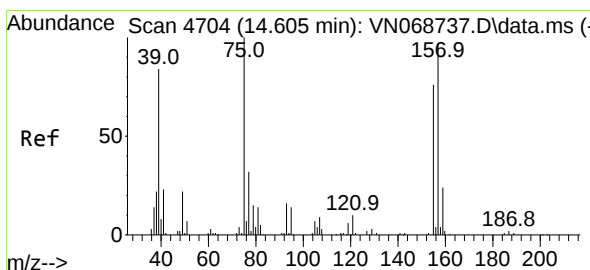
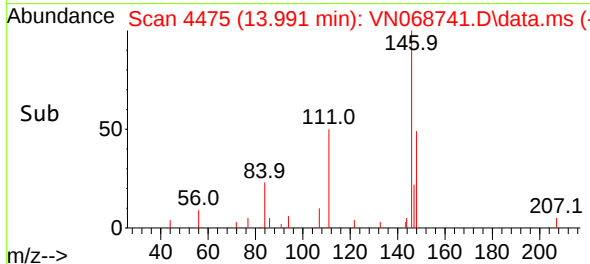
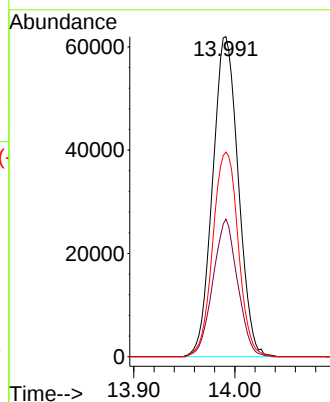
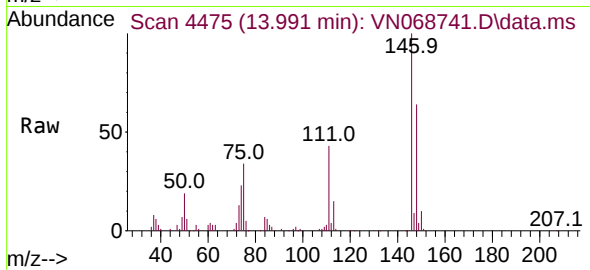
#91
1,2-Dichlorobenzene
Concen: 9.623 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	24.9	74.6
148	63.5	31.6	95.0

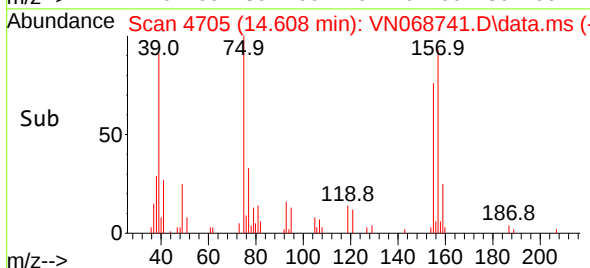
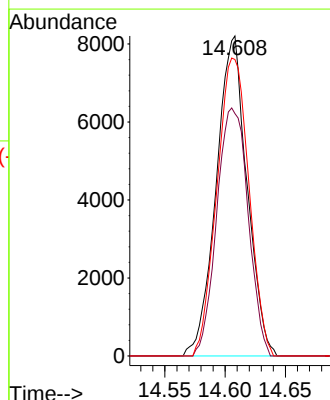
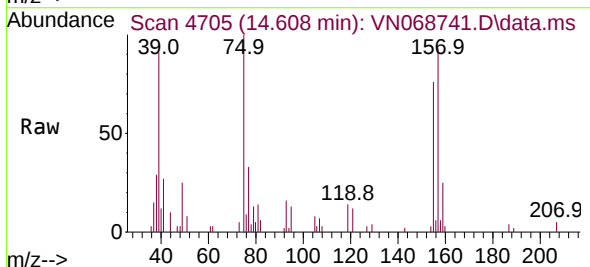
Manual Integrations
APPROVED

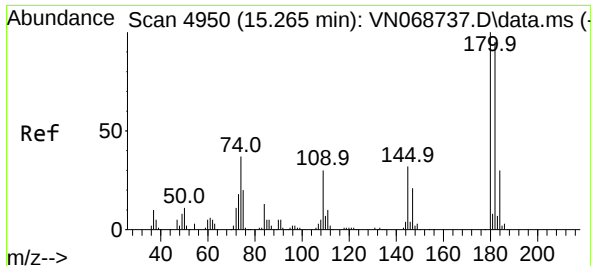
MMDadoda
9/30/2021 6:18:17 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.030 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	29.8	89.5
157	96.8	37.6	112.8





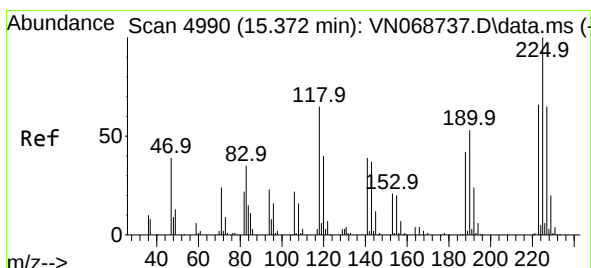
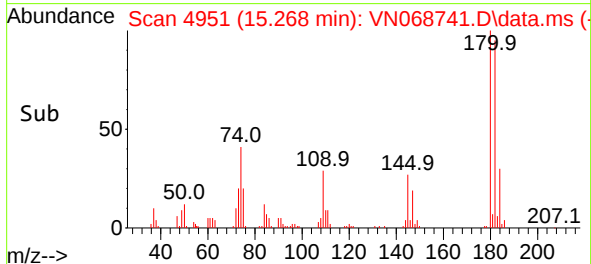
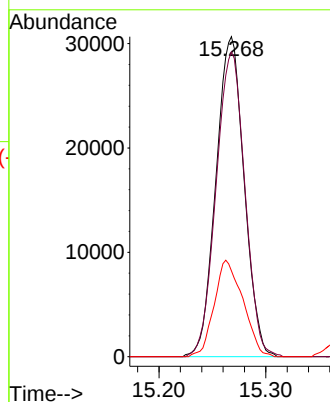
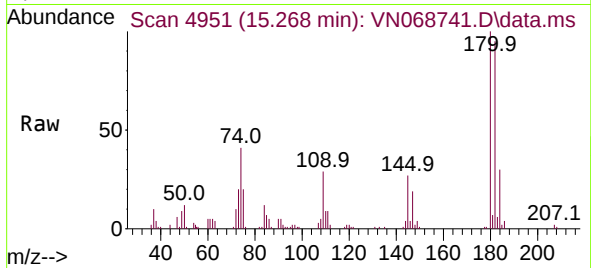
#93
1,2,4-Trichlorobenzene
Concen: 10.779 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.5
145	30.7	17.2	51.6

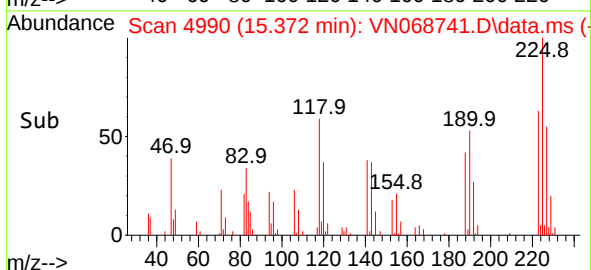
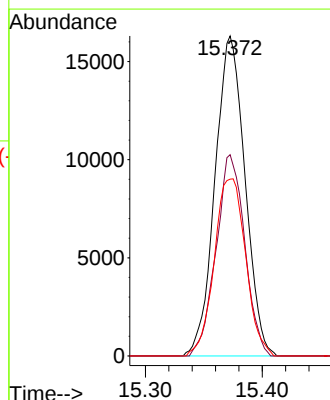
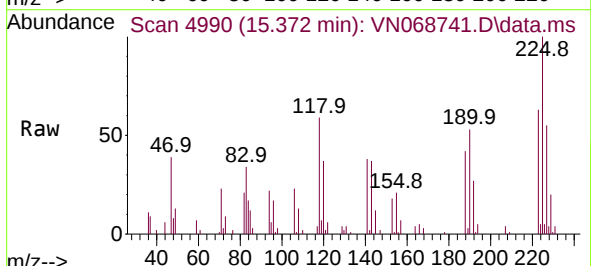
Manual Integrations
APPROVED

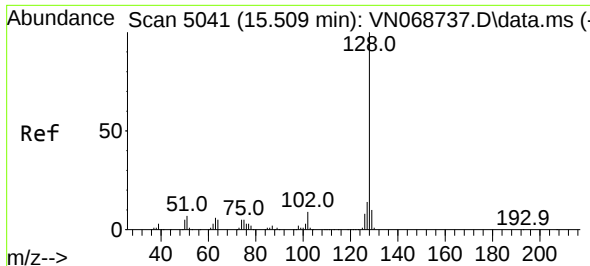
MMDadoda
9/30/2021 6:18:17 PM



#94
Hexachlorobutadiene
Concen: 10.165 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.4	94.0
227	58.0	31.2	93.6





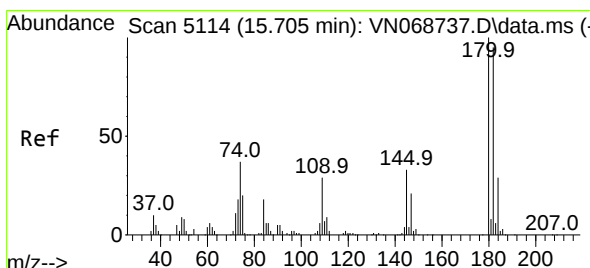
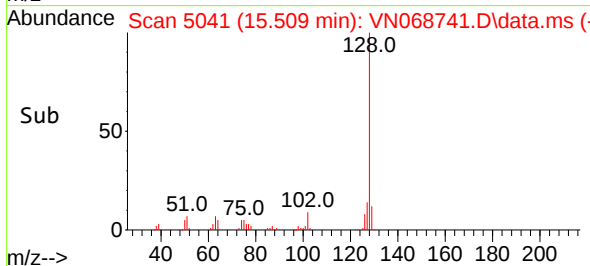
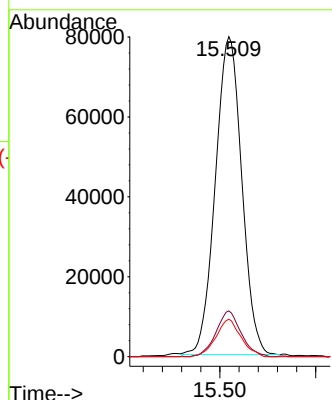
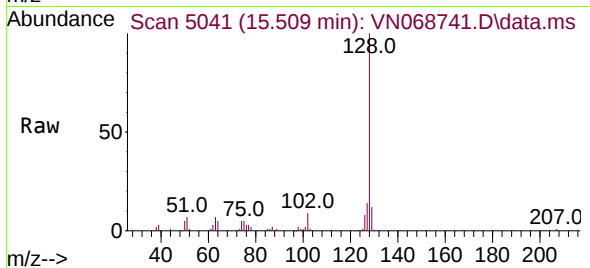
#95
Naphthalene
Concen: 11.836 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.2	8.6	12.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.969 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN068741.D
Acq: 29 Sep 2021 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	33.5	18.2	54.6

