

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067587.D
 Acq On : 1 Jul 2021 9:37
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:59:42 PM

Quant Time: Jul 01 11:34:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:33:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	60489	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	371085	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	336546	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	155563	26.584	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.600%#		
60) 4-Bromofluorobenzene	12.736	95	150337	24.647	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.167%		
63) Toluene-d8	10.443	98	480555	30.278	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.933%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	19367	5.175	ug/l	99
3) Chloromethane	2.303	50	25923	6.052	ug/l	97
4) Vinyl Chloride	2.443	62	40911	8.228	ug/l	93
5) Bromomethane	2.856	94	37480	12.295	ug/l	92
6) Chloroethane	3.019	64	33756	10.437	ug/l	92
7) Trichlorofluoromethane	3.371	101	85508	10.728	ug/l	99
8) Diethyl Ether	3.816	74	13732	5.524	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.200	101	17645m	5.680	ug/l	
10) 1,1-Dichloroethene	4.173	96	17148	5.680	ug/l	82
11) Methyl Iodide	4.417	142	17536	4.674	ug/l	84
12) Methyl Acetate	4.865	43	18931	4.337	ug/l	98
13) Acrolein	4.039	56	14954	27.374	ug/l #	54
14) Acrylonitrile	5.565	53	44753m	24.104	ug/l	
15) Acetone	4.296	58	11273m	24.535	ug/l	
16) Carbon Disulfide	4.519	76	45689	4.870	ug/l	100
17) Allyl chloride	4.835	41	27735m	4.405	ug/l	
18) Methylene Chloride	5.098	84	22654m	5.985	ug/l	
19) trans-1,2-Dichloroethene	5.597	96	18355	5.437	ug/l #	75
20) Diisopropyl ether	6.501	45	63925	5.040	ug/l	98
21) 1,1-Dichloroethane	6.391	63	36186	5.109	ug/l	100
22) cis-1,2-Dichloroethene	7.329	96	23030m	5.676	ug/l	
23) tert-Butyl Alcohol	5.385	59	19695m	24.672	ug/l	
24) Methyl tert-Butyl Ether	5.626	73	63032	4.928	ug/l	95
25) Chloroform	7.815	83	38534	5.204	ug/l	97
26) Cyclohexane	8.094	56	31978	5.181	ug/l #	89
29) 1,1-Dichloropropene	8.220	75	26729	4.802	ug/l	91
30) 2-Butanone	7.346	43	60652	21.851	ug/l	95
31) 2,2-Dichloropropane	7.327	77	30995	5.241	ug/l	99
32) 1,1,1-Trichloroethane	8.011	97	33842	4.847	ug/l #	83
33) Carbon Tetrachloride	8.206	117	27109	4.605	ug/l	92
34) Benzene	8.459	78	85735	5.384	ug/l #	79
35) Methacrylonitrile	7.643	41	13599	4.587	ug/l	93
36) 1,2-Dichloroethane	8.534	62	32439	4.914	ug/l #	85
37) Trichloroethene	9.220	130	21688	5.613	ug/l	86
38) Methylcyclohexane	9.462	83	32583	5.576	ug/l	91
39) 1,2-Dichloropropane	9.494	63	22222	5.210	ug/l	95
40) Dibromomethane	9.577	93	15434	5.209	ug/l	91
41) Bromodichloromethane	9.765	83	29426	4.771	ug/l	99
42) Vinyl Acetate	6.436	43	262895m	22.515	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067587.D
 Acq On : 1 Jul 2021 9:37
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:59:42 PM

Quant Time: Jul 01 11:34:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:33:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	27331	4.874	ug/l #	89
44) Isopropyl Acetate	8.566	43	47396	4.521	ug/l	95
45) 1,4-Dioxane	9.572	88	7549	108.770	ug/l #	81
46) Methyl methacrylate	9.561	41	19347	4.169	ug/l	92
47) n-amyl Acetate	12.393	43	33765	3.825	ug/l	98
48) t-1,3-Dichloropropene	10.722	75	28160	4.188	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	31516	4.577	ug/l	90
50) 1,1,2-Trichloroethane	10.902	97	21282	5.452	ug/l	95
51) Ethyl methacrylate	10.765	69	31292	4.589	ug/l	93
52) 1,3-Dichloropropane	11.047	76	36091	5.183	ug/l	100
53) Dibromochloromethane	11.237	129	20498	4.813	ug/l	97
54) 1,2-Dibromoethane	11.350	107	21180	5.203	ug/l	98
55) 2-Chloroethyl vinyl ether	10.044	63	31686	19.307	ug/l	97
56) Bromoform	12.460	173	12189	4.253	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	141509	23.367	ug/l	98
59) 2-Hexanone	11.090	43	93416	21.512	ug/l	98
61) Tetrachloroethene	10.982	164	22550	6.510	ug/l	92
62) Toluene	10.508	91	100314	5.761	ug/l	97
64) Chlorobenzene	11.773	112	56624	5.523	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.846	131	19189m	5.008	ug/l	
66) Ethyl Benzene	11.846	91	104154	5.212	ug/l	98
67) m/p-Xylenes	11.958	106	79133	10.956	ug/l	86
68) o-Xylene	12.283	106	39751	5.499	ug/l	85
69) Styrene	12.296	104	59437	4.977	ug/l	93
70) Isopropylbenzene	12.581	105	98689	5.355	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	28638	5.126	ug/l	97
72) 1,2,3-Trichloropropane	12.884	75	24907m	4.645	ug/l	
73) Bromobenzene	12.862	156	21727	5.521	ug/l	74
74) n-propylbenzene	12.924	91	111393	5.091	ug/l	99
75) 2-Chlorotoluene	13.012	91	66032	4.797	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	79102	5.058	ug/l	97
77) t-1,4-Dichloro-2-butene	12.629	75	6404	3.615	ug/l	97
78) 4-Chlorotoluene	13.109	91	63378	4.661	ug/l	90
79) tert-butylbenzene	13.326	119	66816	5.277	ug/l	89
80) 1,2,4-Trimethylbenzene	13.372	105	76867	5.003	ug/l #	66
81) sec-Butylbenzene	13.506	105	93758	5.328	ug/l	97
82) p-Isopropyltoluene	13.619	119	73445	5.173	ug/l	96
83) 1,3-Dichlorobenzene	13.621	146	39215	5.504	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	35956	5.059	ug/l	95
85) n-Butylbenzene	13.946	91	62015	4.853	ug/l	97
86) Hexachloroethane	14.214	117	11509	4.170	ug/l	94
87) 1,2-Dichlorobenzene	13.991	146	36901	5.354	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.608	75	4293	3.337	ug/l #	68
89) 1,2,4-Trichlorobenzene	15.268	180	14067	4.219	ug/l	96
90) Hexachlorobutadiene	15.373	225	8674	5.014	ug/l	99
91) Naphthalene	15.509	128	36260	3.335	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.705	180	13232	4.081	ug/l	94

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

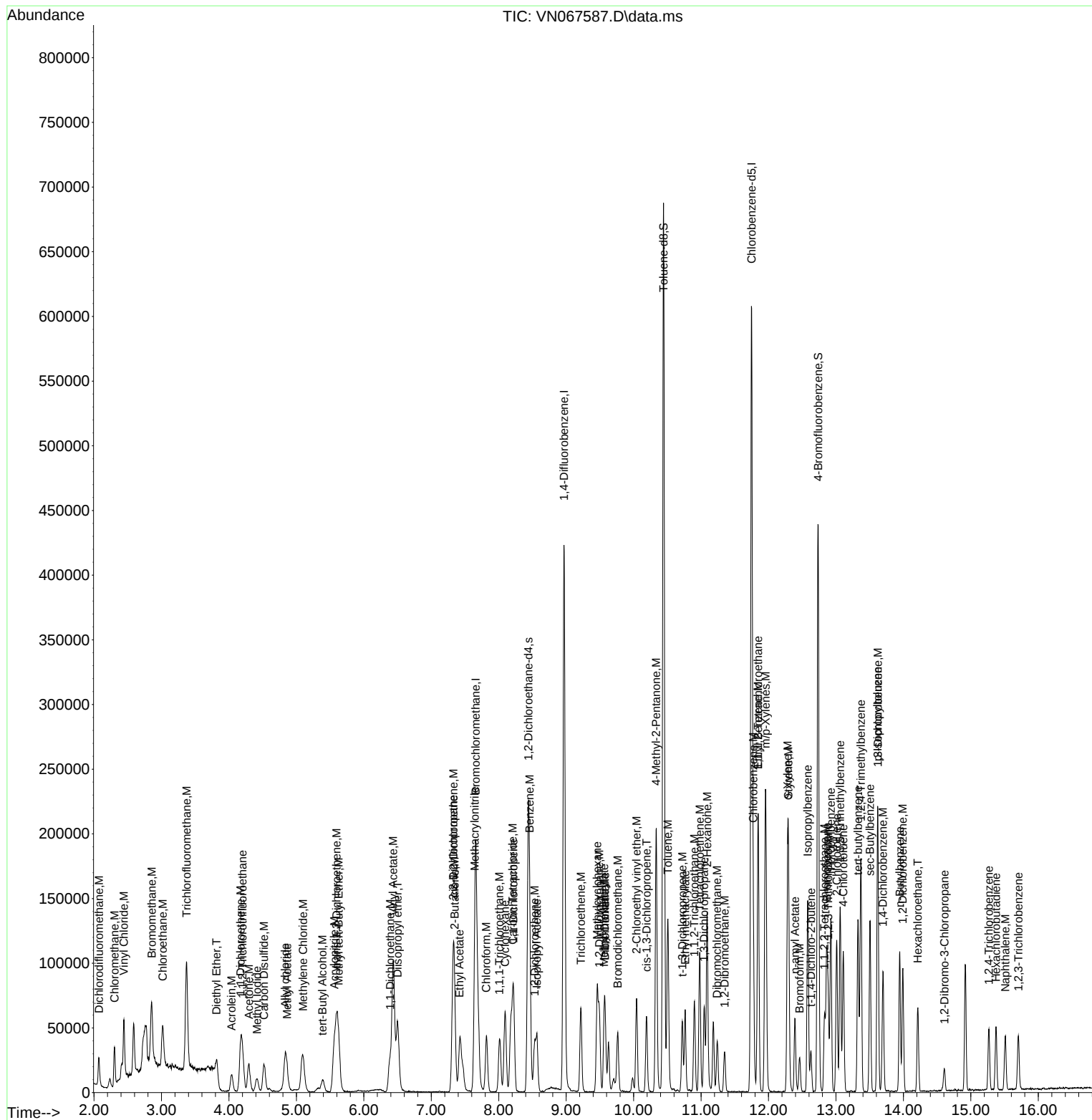
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067587.D
 Acq On : 1 Jul 2021 9:37
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

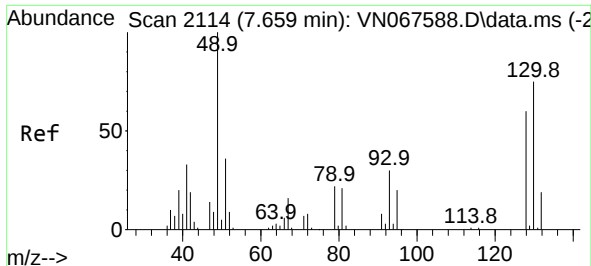
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:59:42 PM

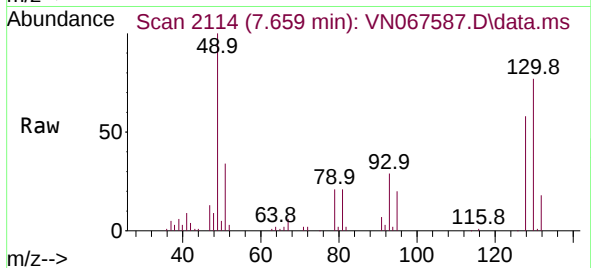
Quant Time: Jul 01 11:34:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:33:18 2021
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

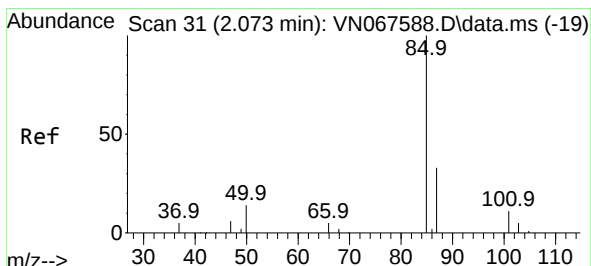
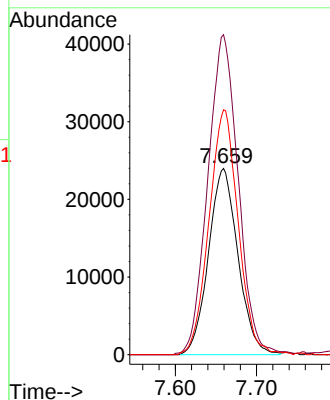
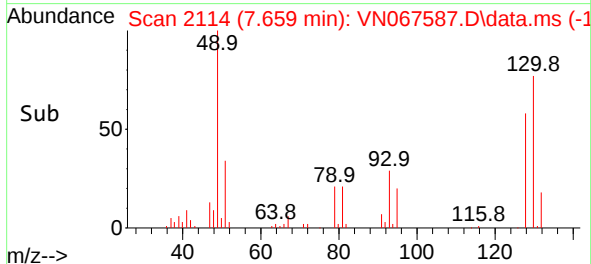
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



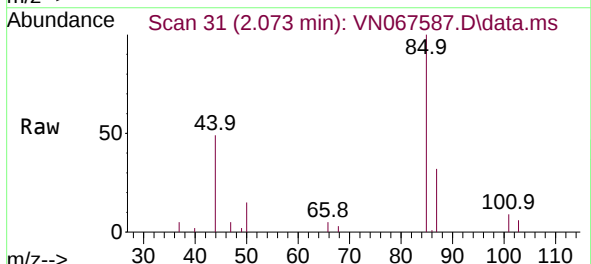
Tgt Ion:128 Resp: 60489
Ion Ratio Lower Upper
128 100
49 176.6 0.0 517.5
130 129.9 0.0 325.8

Manual Integrations
APPROVED

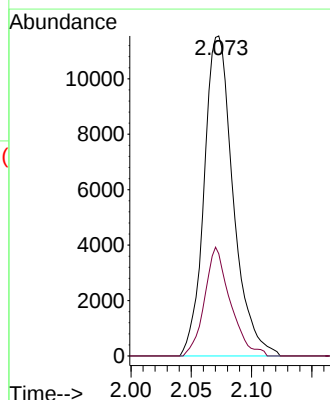
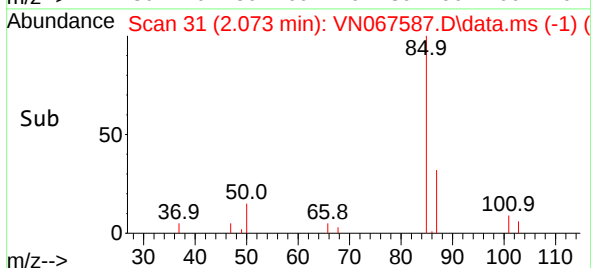
MMDadoda
7/5/2021 1:59:42 PM

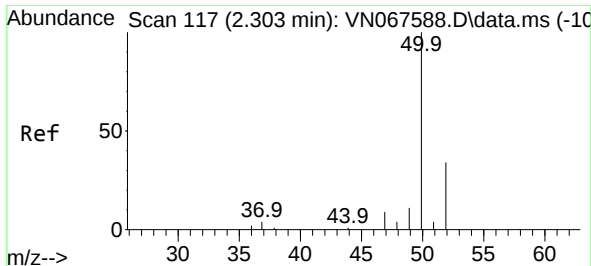


#2
Dichlorodifluoromethane
Concen: 5.175 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 85 Resp: 19367
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





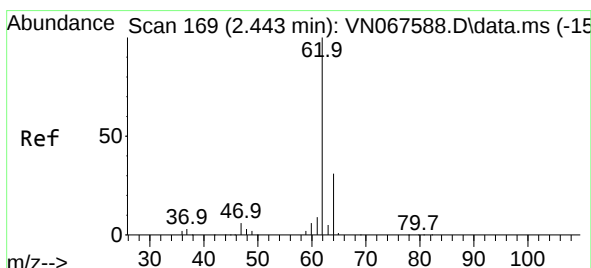
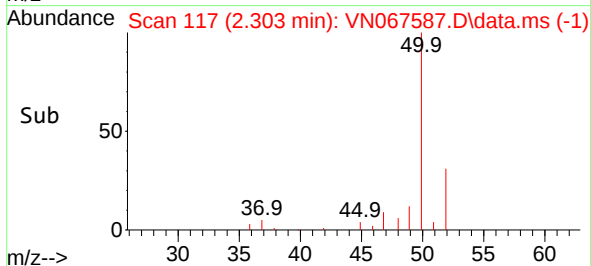
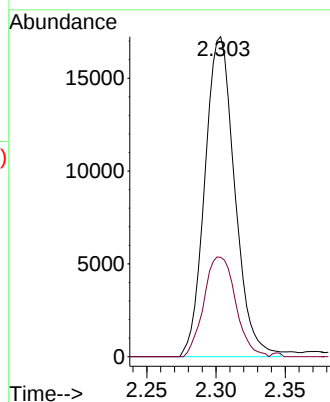
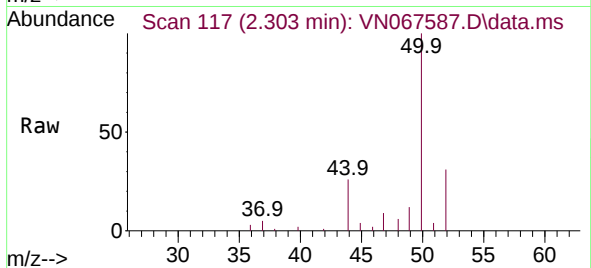
#3
Chloromethane
Concen: 6.052 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 50 Resp: 25923
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

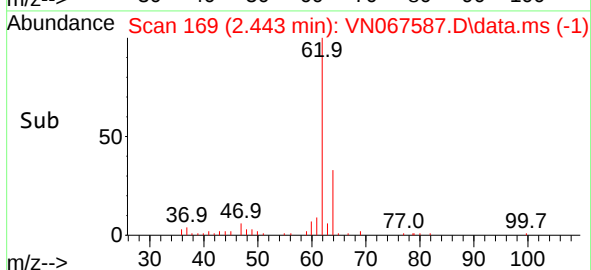
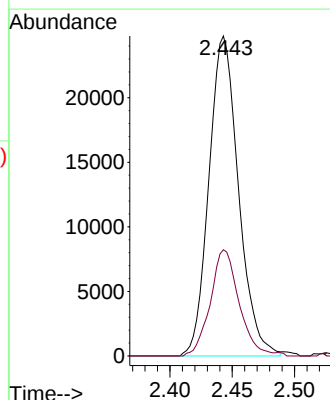
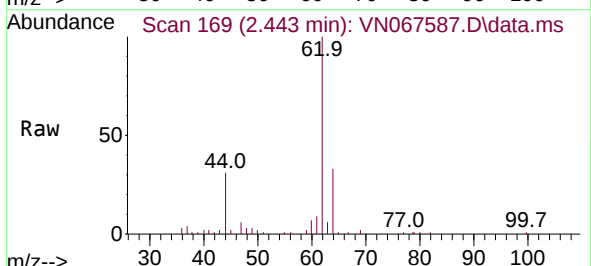
Manual Integrations
APPROVED

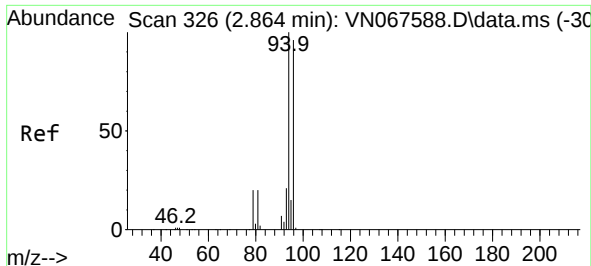
MMDadoda
7/5/2021 1:59:42 PM



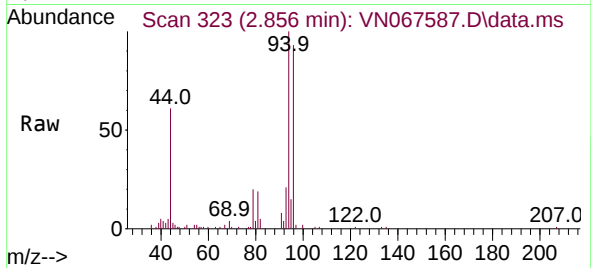
#4
Vinyl Chloride
Concen: 8.228 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 62 Resp: 40911
Ion Ratio Lower Upper
62 100
64 33.2 23.7 35.5

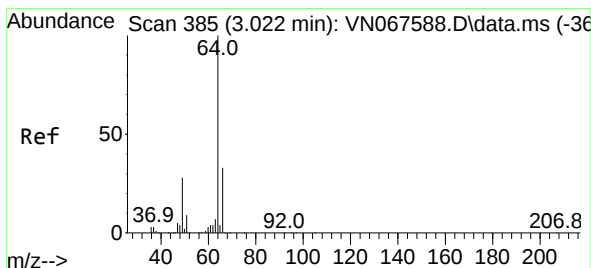
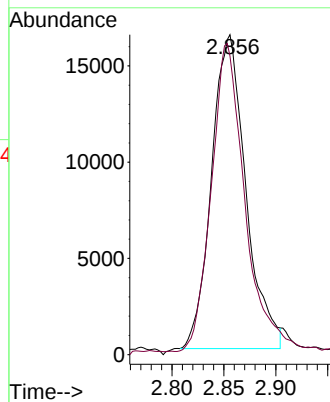
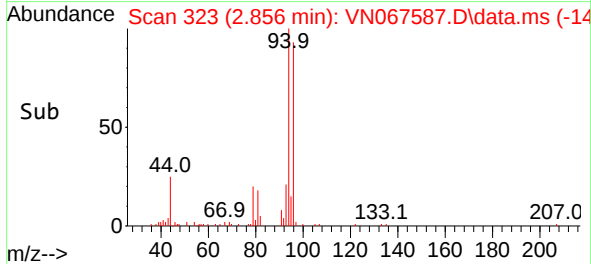




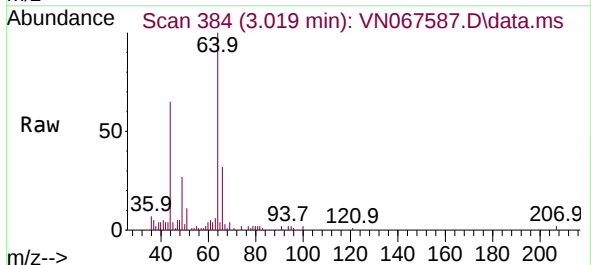
#5
Bromomethane
Concen: 12.295 ug/l
RT: 2.856 min Scan# 323
Delta R.T. -0.008 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



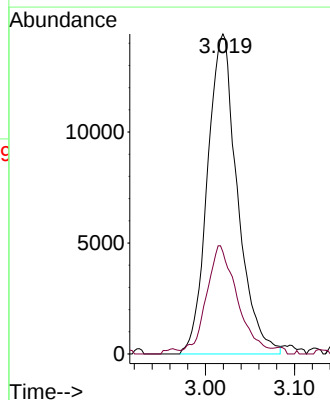
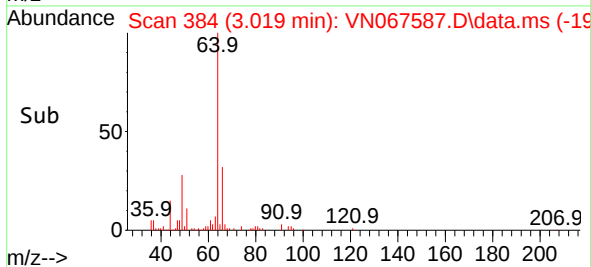
Tgt Ion: 94 Resp: 37480
Ion Ratio Lower Upper
94 100
96 93.9 69.4 104.2



#6
Chloroethane
Concen: 10.437 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



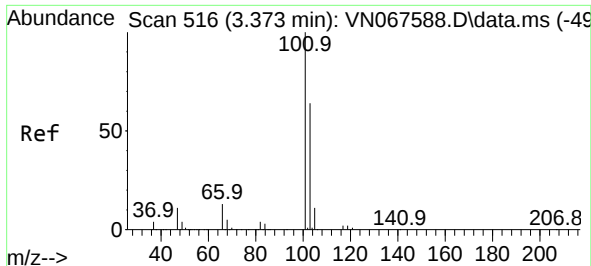
Tgt Ion: 64 Resp: 33756
Ion Ratio Lower Upper
64 100
66 30.8 21.5 32.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



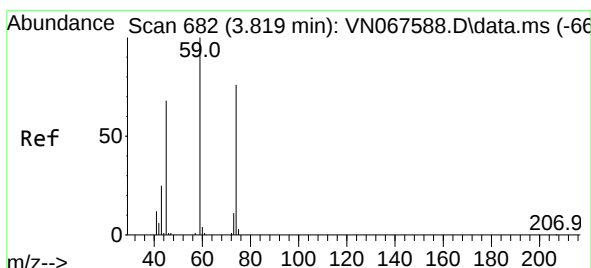
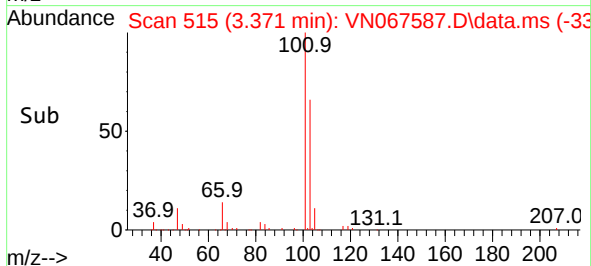
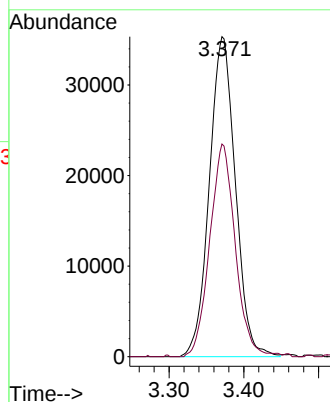
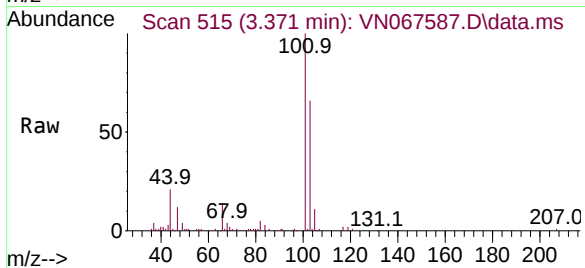
#7
Trichlorofluoromethane
Concen: 10.728 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:101 Resp: 85508
Ion Ratio Lower Upper
101 100
103 66.4 53.7 80.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

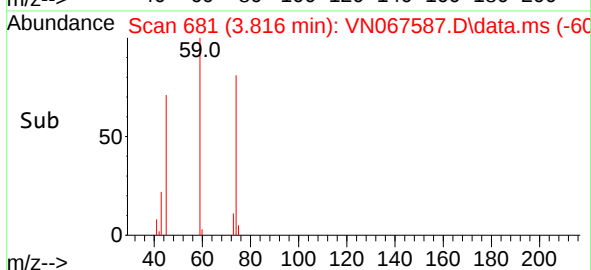
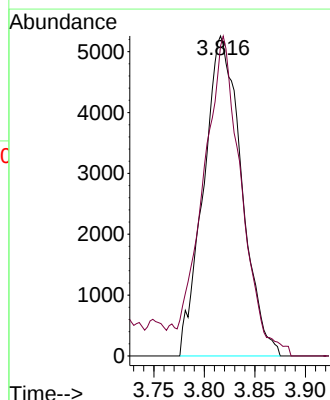
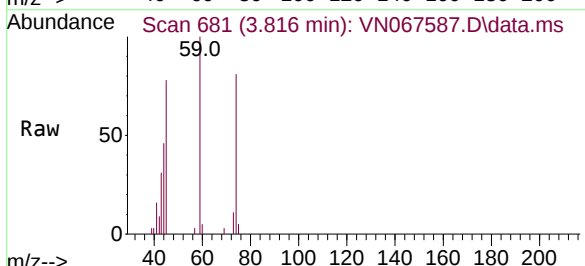
Manual Integrations
APPROVED

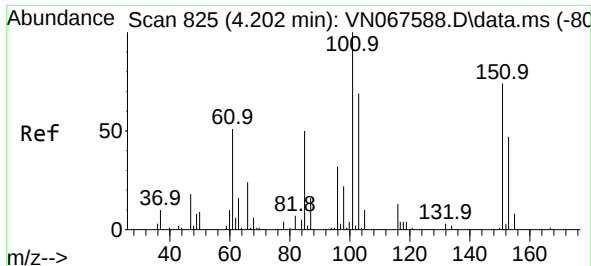
MMDadoda
7/5/2021 1:59:42 PM



#8
Diethyl Ether
Concen: 5.524 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 74 Resp: 13732
Ion Ratio Lower Upper
74 100
45 92.6 20.3 182.5





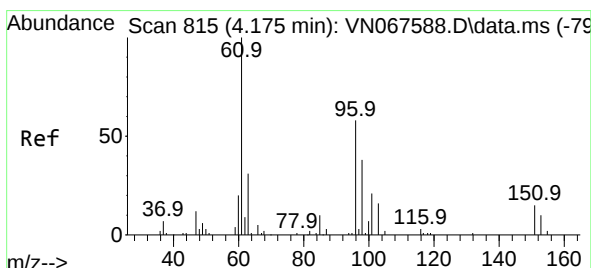
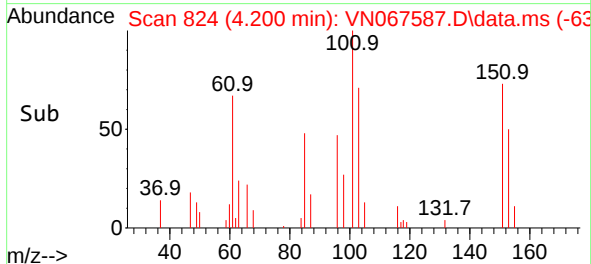
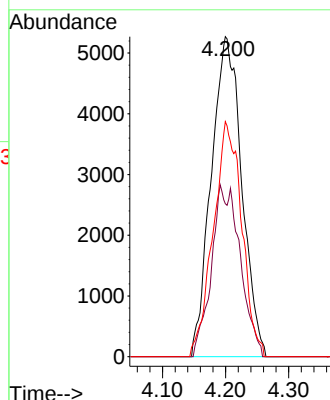
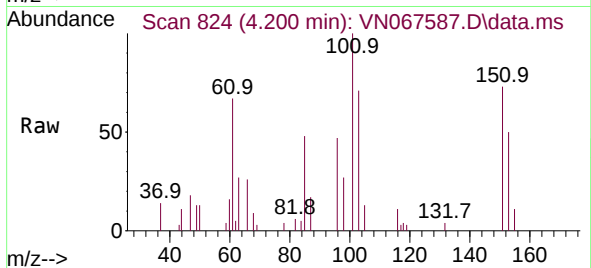
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.680 ug/l m
RT: 4.200 min Scan# 824
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
101	100		
85	27.3	0.0	97.8
151	47.6	0.0	135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

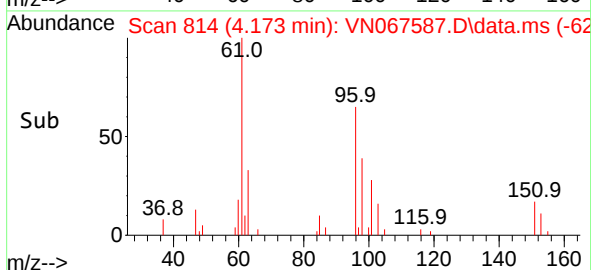
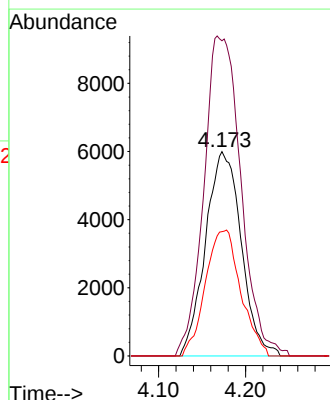
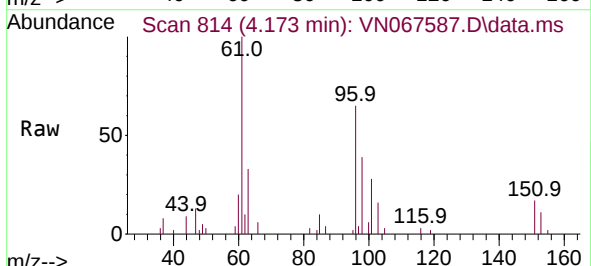
Manual Integrations
APPROVED

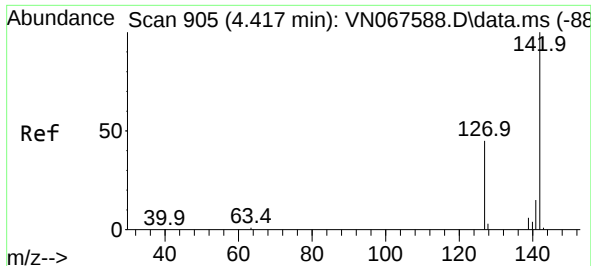
MMDadoda
7/5/2021 1:59:42 PM



#10
1,1-Dichloroethene
Concen: 5.680 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

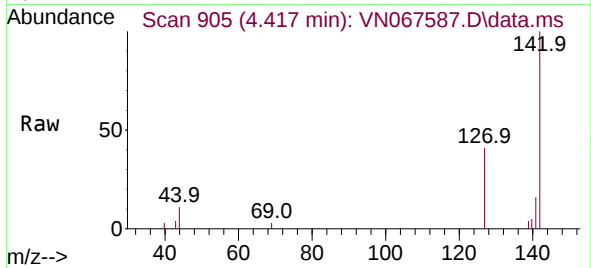
Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	148.3	222.5
98	60.8	48.6	73.0





#11
Methyl Iodide
Concen: 4.674 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

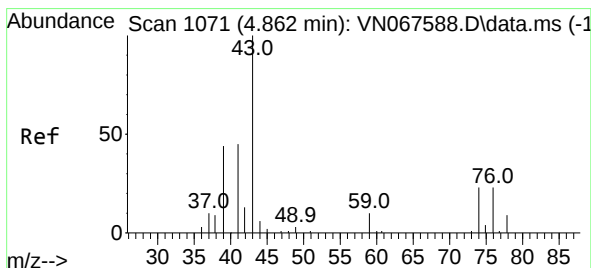
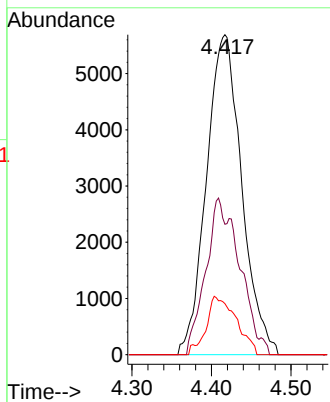
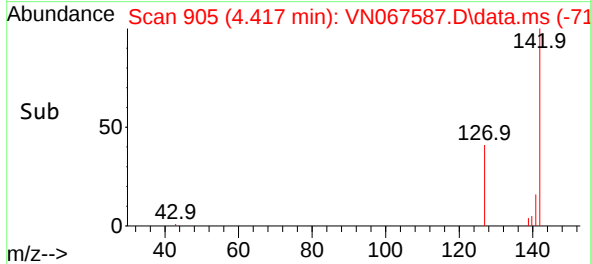
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



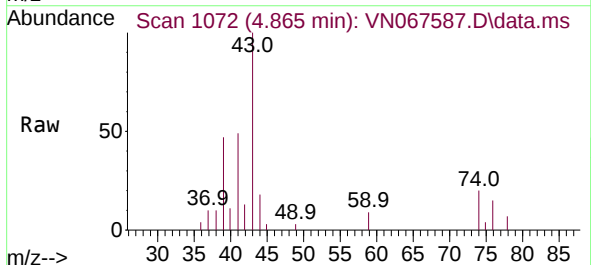
Tgt Ion:142 Resp: 17536
Ion Ratio Lower Upper
142 100
127 40.8 27.2 81.5
141 16.0 6.9 20.7

Manual Integrations
APPROVED

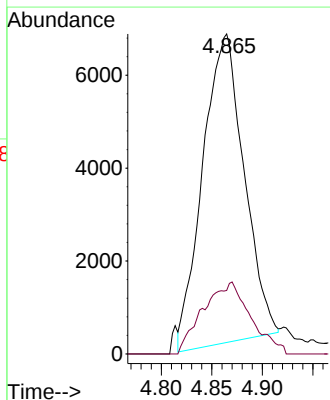
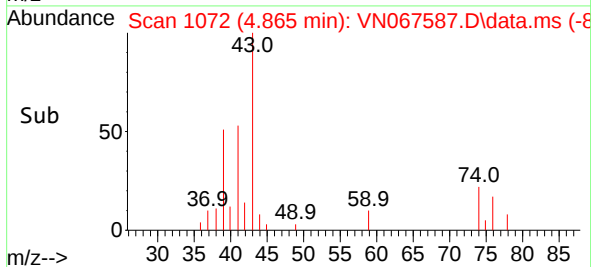
MMDadoda
7/5/2021 1:59:42 PM

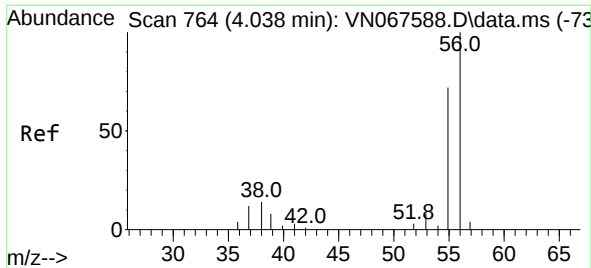


#12
Methyl Acetate
Concen: 4.337 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 43 Resp: 18931
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0





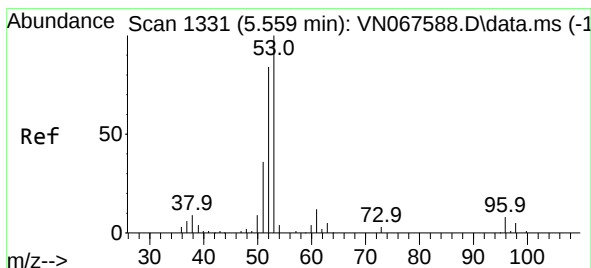
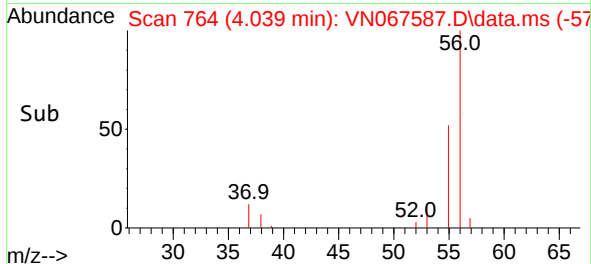
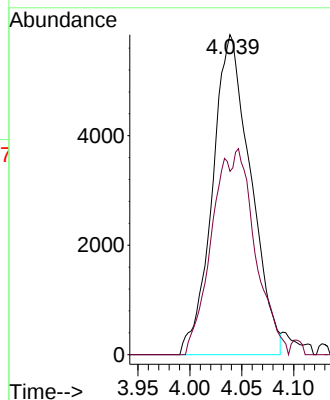
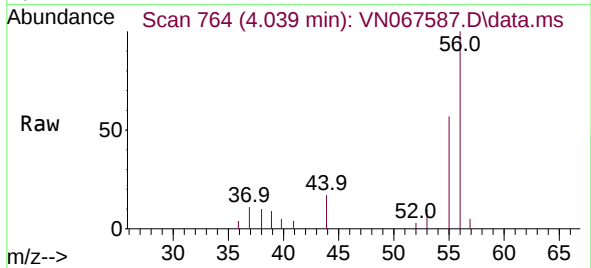
#13
Acrolein
Concen: 27.374 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 56 Resp: 14954
Ion Ratio Lower Upper
56 100
55 33.2 57.5 86.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

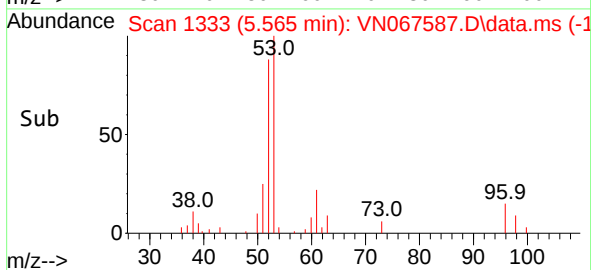
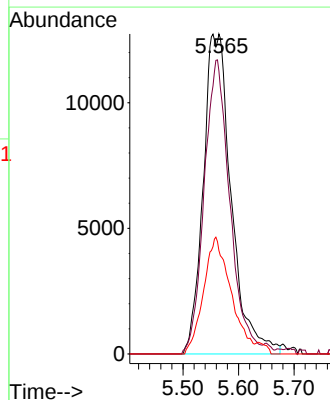
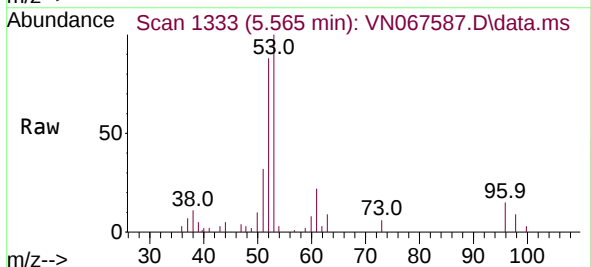
Manual Integrations
APPROVED

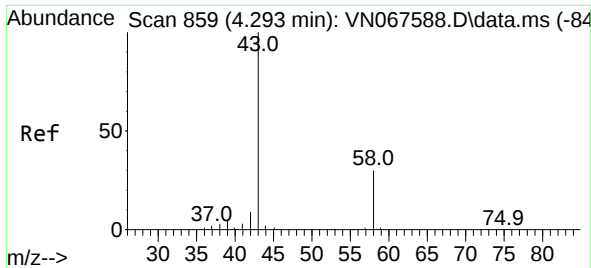
MMDadoda
7/5/2021 1:59:42 PM



#14
Acrylonitrile
Concen: 24.104 ug/l m
RT: 5.565 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 53 Resp: 44753
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 34.9 18.1 54.3





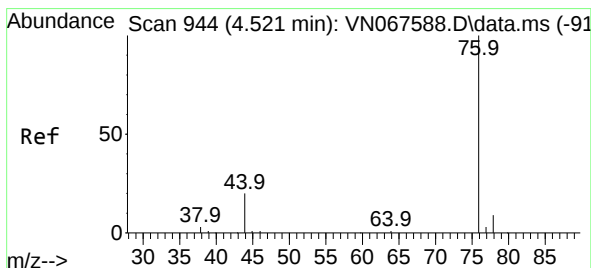
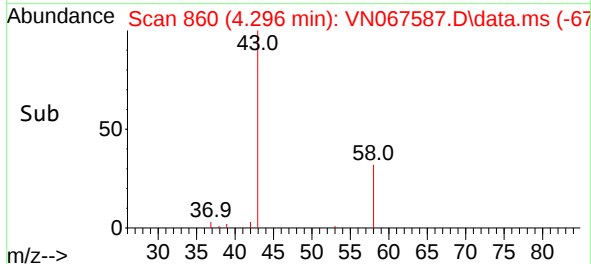
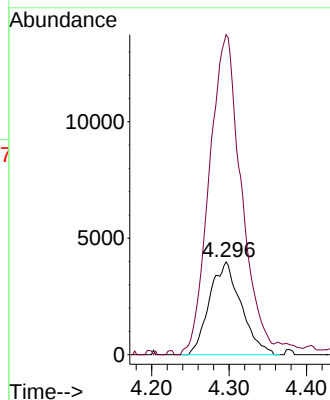
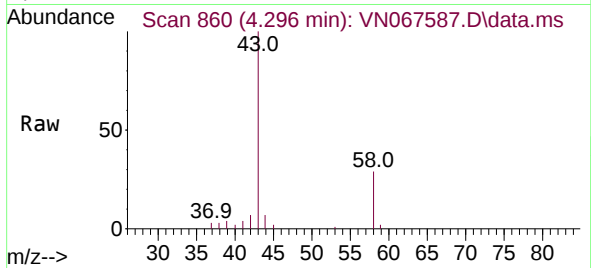
#15
Acetone
Concen: 24.535 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 58 Resp: 11273
Ion Ratio Lower Upper
58 100
43 344.9 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

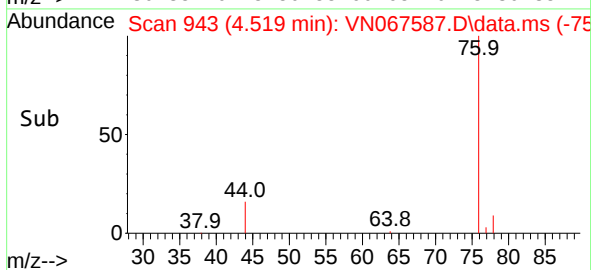
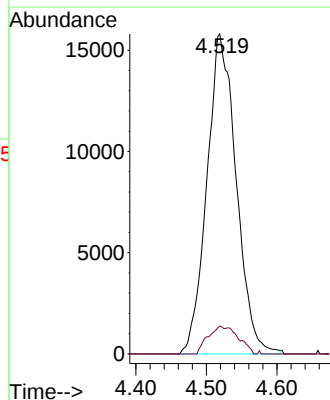
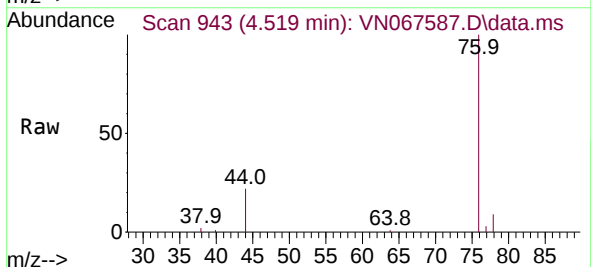
Manual Integrations
APPROVED

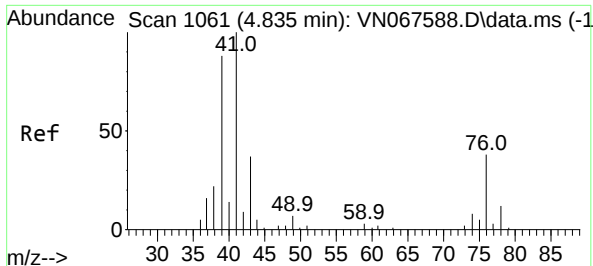
MMDadoda
7/5/2021 1:59:42 PM



#16
Carbon Disulfide
Concen: 4.870 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

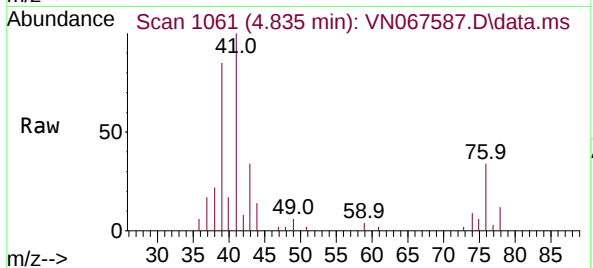
Tgt Ion: 76 Resp: 45689
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





#17
Allyl chloride
Concen: 4.405 ug/l m
RT: 4.835 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

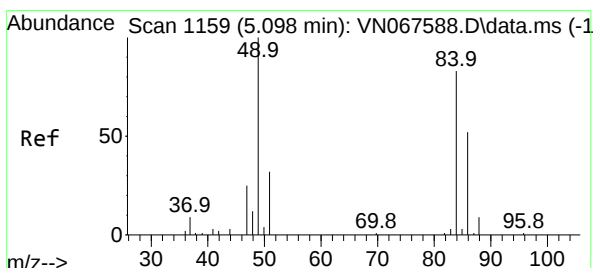
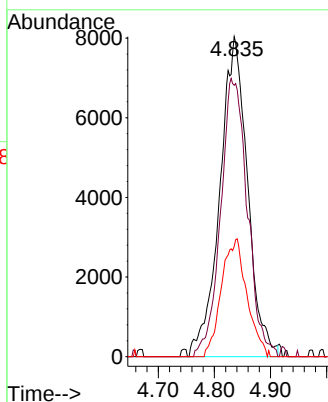
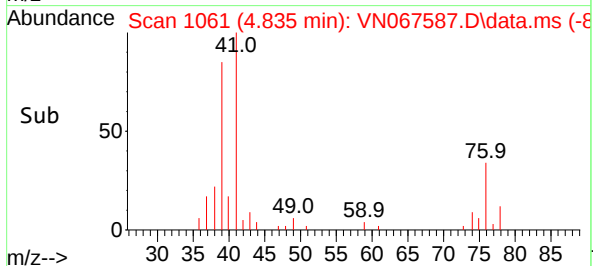
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



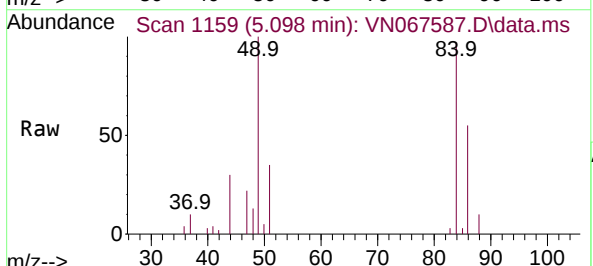
Tgt Ion	Ratio	Lower	Upper
41	100		
39	84.8	39.8	119.4
76	34.4	16.8	50.4

Manual Integrations
APPROVED

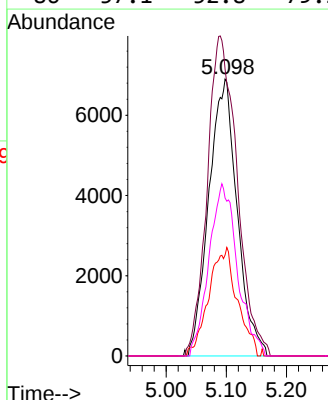
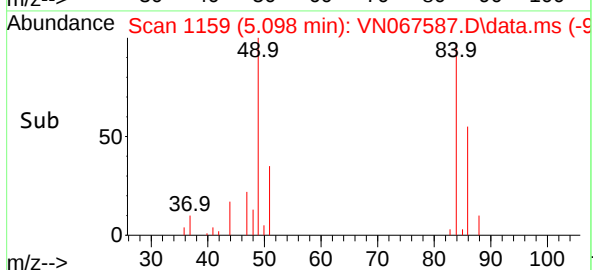
MMDadoda
7/5/2021 1:59:42 PM

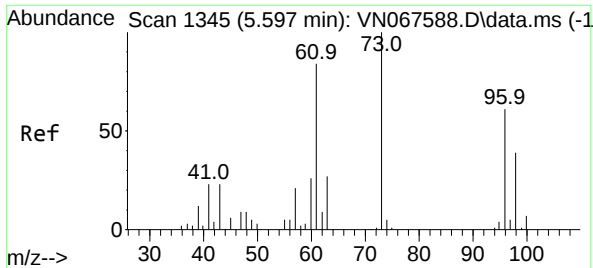


#18
Methylene Chloride
Concen: 5.985 ug/l m
RT: 5.098 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

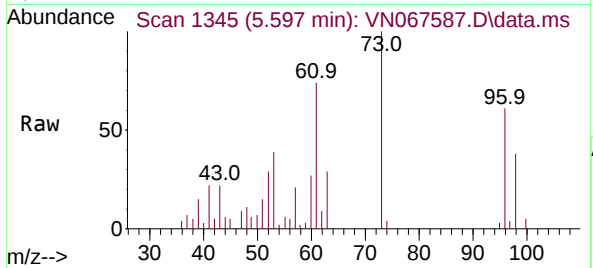


Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.6	110.9	166.3#
51	36.5	31.2	46.8
86	57.1	52.8	79.2

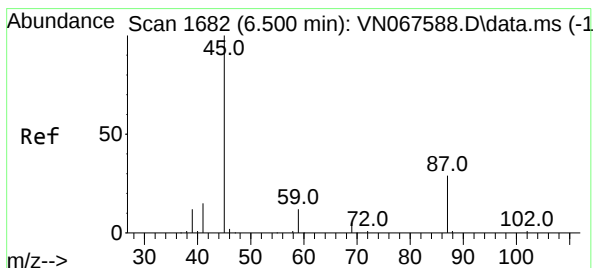
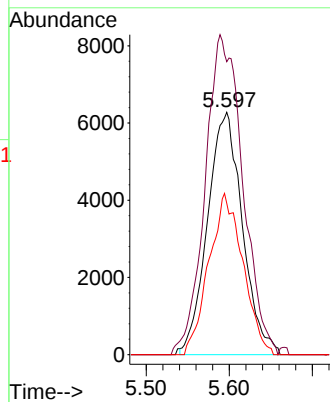
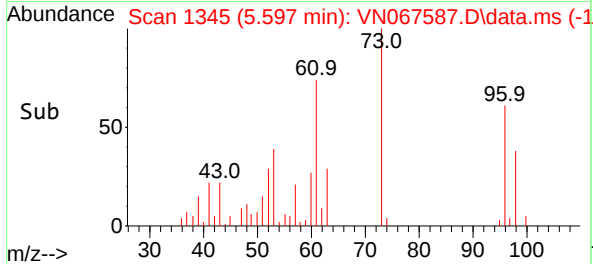




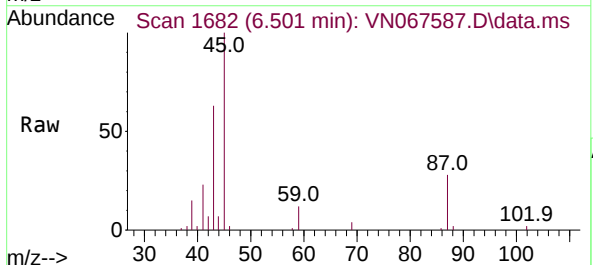
#19
trans-1,2-Dichloroethene
Concen: 5.437 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



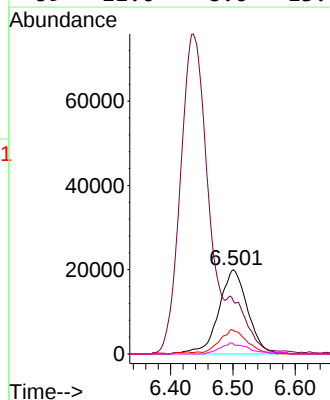
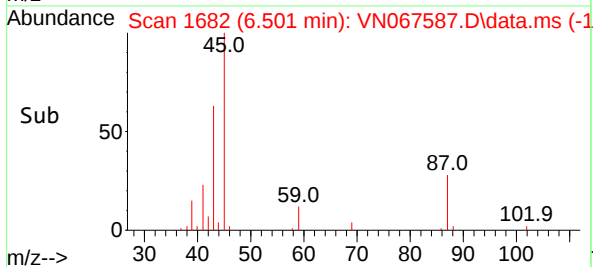
Tgt Ion: 96 Resp: 18355
Ion Ratio Lower Upper
96 100
61 118.3 129.3 193.9#
98 62.5 48.0 72.0



#20
Diisopropyl ether
Concen: 5.040 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



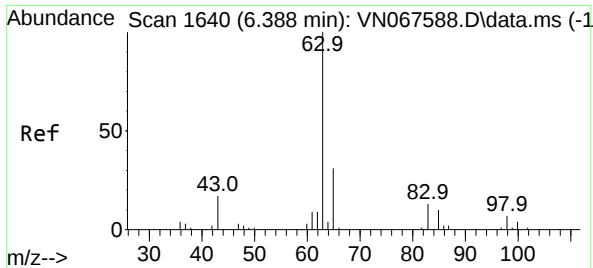
Tgt Ion: 45 Resp: 63925
Ion Ratio Lower Upper
45 100
43 60.1 48.1 72.1
87 27.4 19.8 29.6
59 11.6 8.6 13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



#21

1,1-Dichloroethane

Concen: 5.109 ug/l

RT: 6.391 min Scan# 1641

Delta R.T. 0.003 min

Lab File: VN067587.D

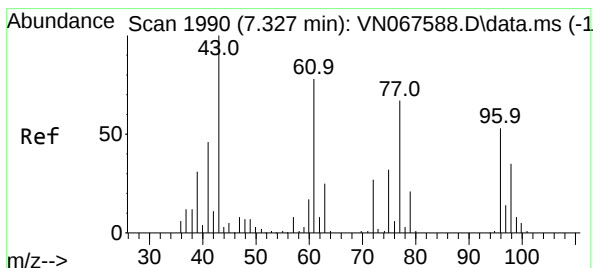
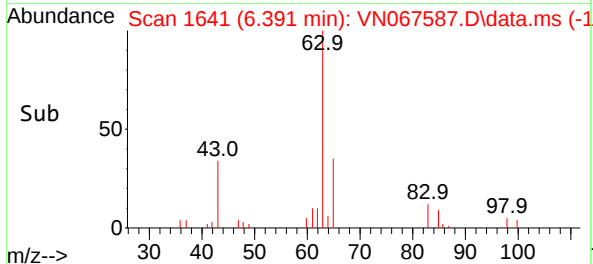
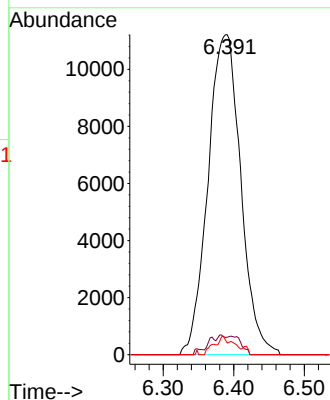
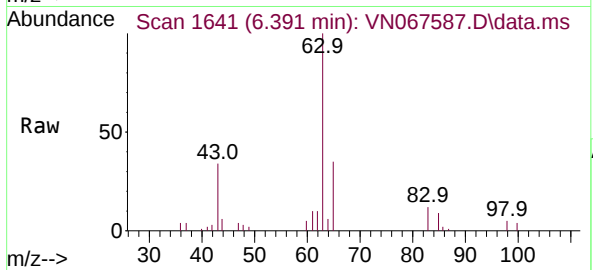
Acq: 1 Jul 2021 9:37

Tgt Ion:	63	Resp:	36186
Ion Ratio	Lower	Upper	
63	100		
98	5.5	2.7	8.1
100	3.6	1.8	5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



#22

cis-1,2-Dichloroethene

Concen: 5.676 ug/l m

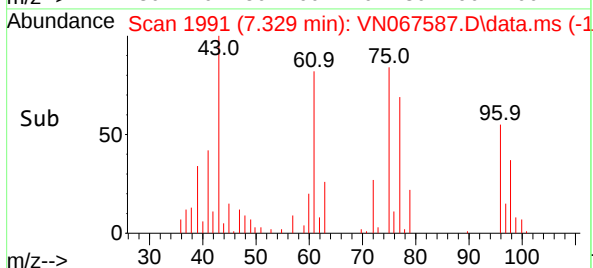
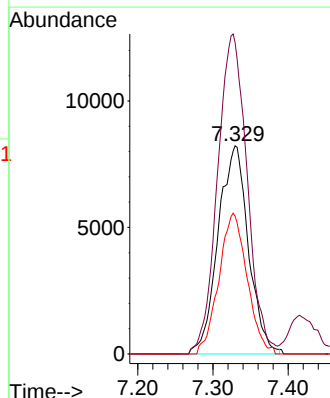
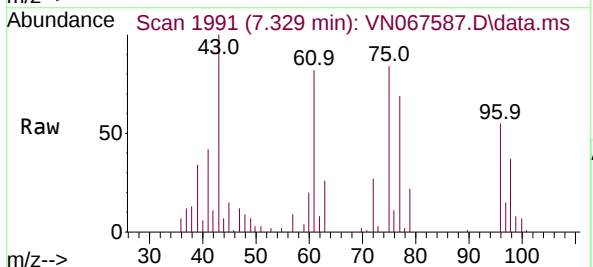
RT: 7.329 min Scan# 1991

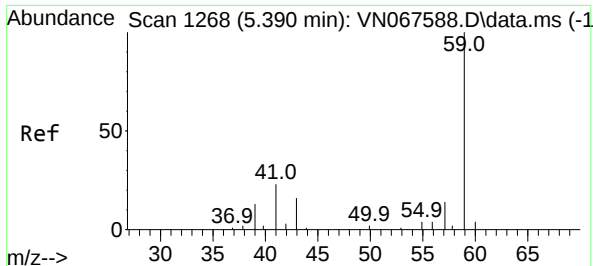
Delta R.T. 0.003 min

Lab File: VN067587.D

Acq: 1 Jul 2021 9:37

Tgt Ion:	96	Resp:	23030
Ion Ratio	Lower	Upper	
96	100		
61	0.0	131.2	196.8#
98	0.0	50.7	76.1#





#23

tert-Butyl Alcohol

Concen: 24.672 ug/l m

RT: 5.385 min Scan# 1266

Delta R.T. -0.005 min

Lab File: VN067587.D

Acq: 1 Jul 2021 9:37

Tgt Ion: 59 Resp: 19695

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#

Instrument :

MSVOA_N

ClientSampleId :

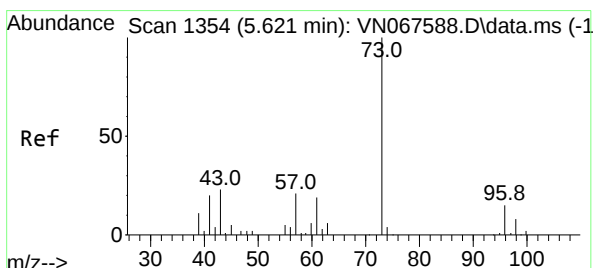
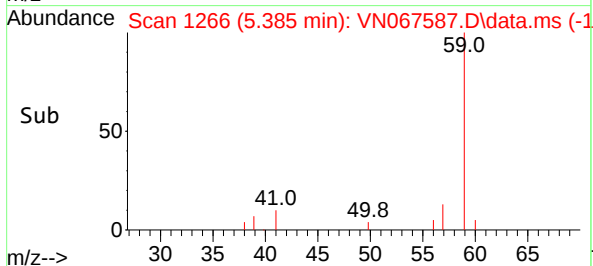
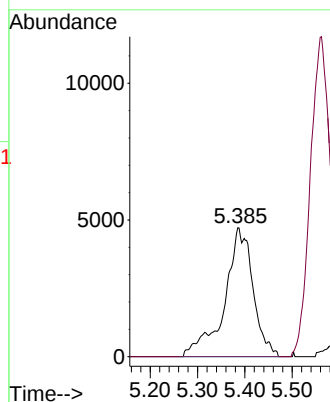
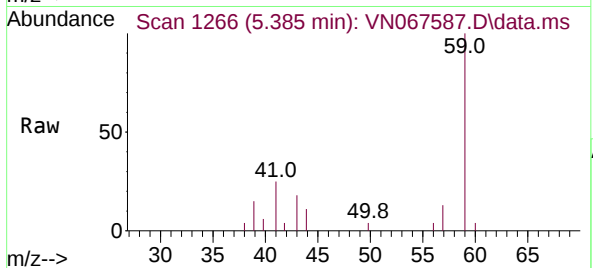
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/5/2021 1:59:42 PM



#24

Methyl tert-Butyl Ether

Concen: 4.928 ug/l

RT: 5.626 min Scan# 1356

Delta R.T. 0.006 min

Lab File: VN067587.D

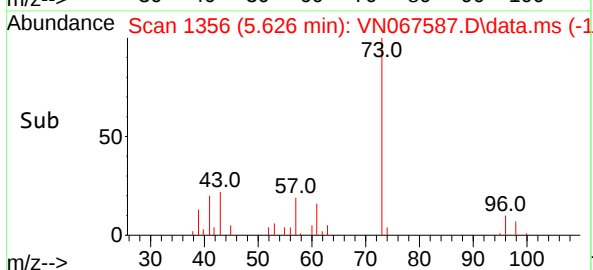
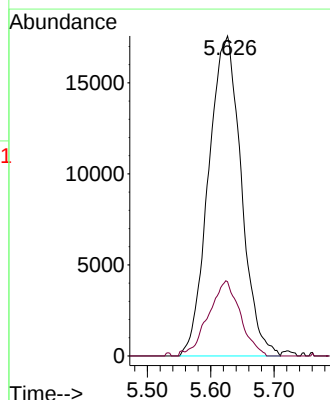
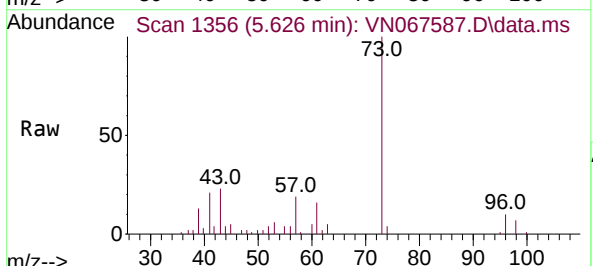
Acq: 1 Jul 2021 9:37

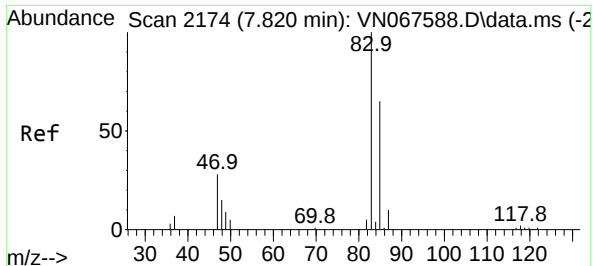
Tgt Ion: 73 Resp: 63032

Ion Ratio Lower Upper

73 100

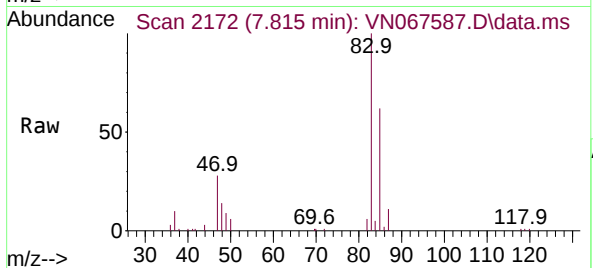
43 22.6 20.0 30.0





#25
Chloroform
Concen: 5.204 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

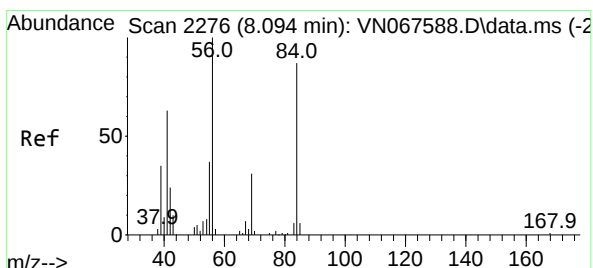
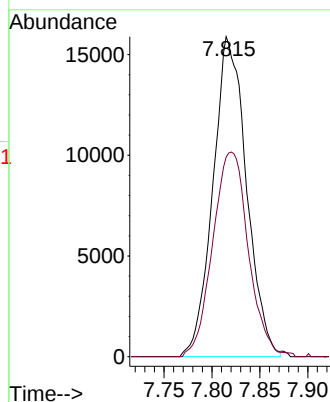
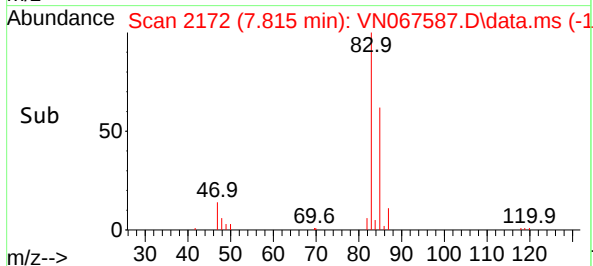
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



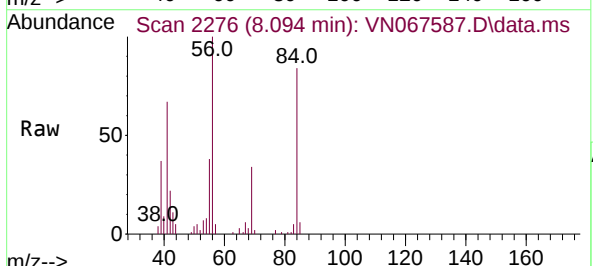
Tgt Ion: 83 Resp: 38534
Ion Ratio Lower Upper
83 100
85 62.3 51.5 77.3

Manual Integrations
APPROVED

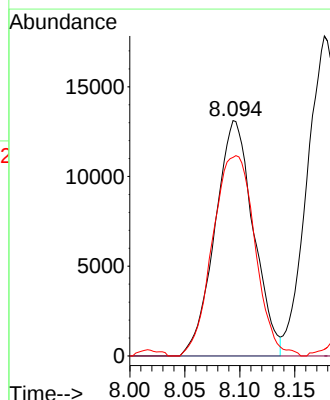
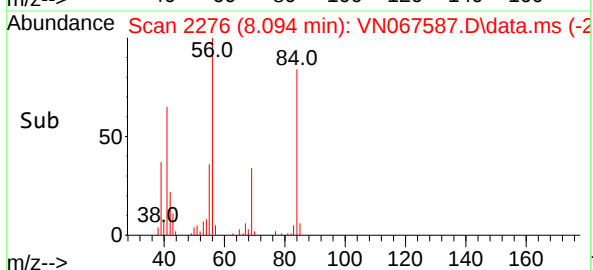
MMDadoda
7/5/2021 1:59:42 PM

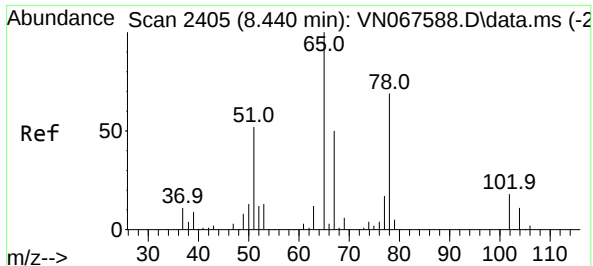


#26
Cyclohexane
Concen: 5.181 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 56 Resp: 31978
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.8 66.2 99.2





#27

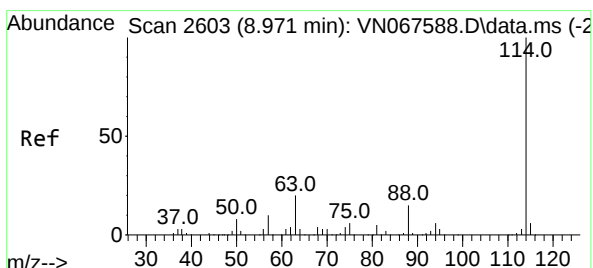
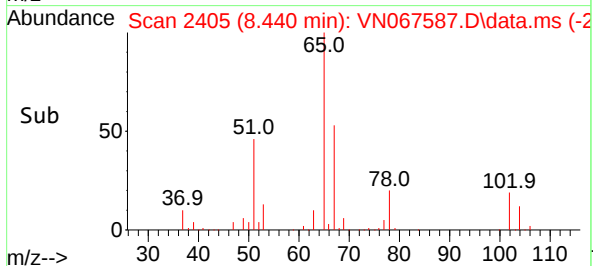
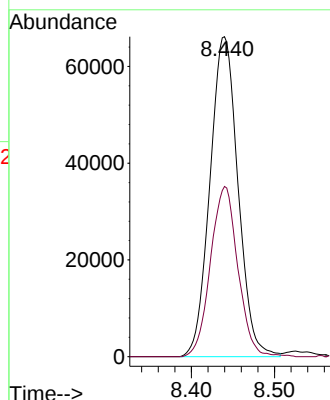
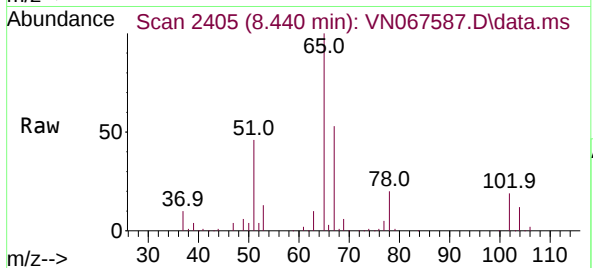
1,2-Dichloroethane-d4
Concen: 26.584 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 65 Resp: 155563
Ion Ratio Lower Upper
65 100
67 51.5 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

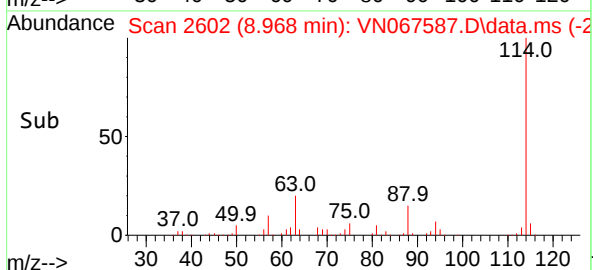
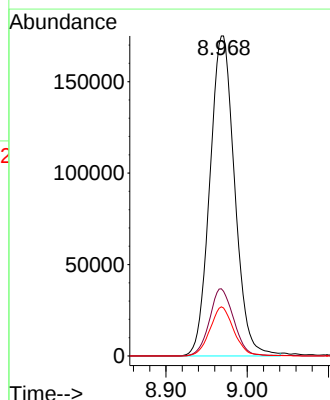
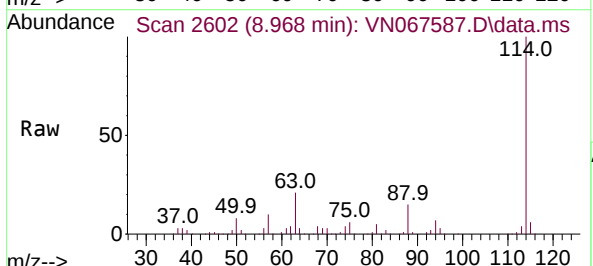
MMDadoda
7/5/2021 1:59:42 PM

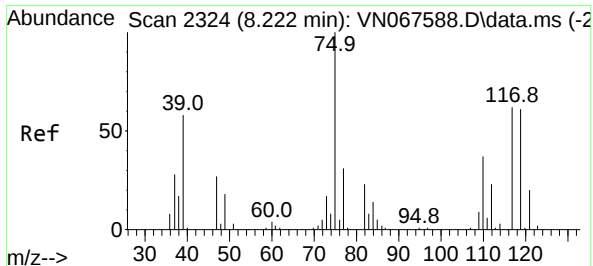


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 114 Resp: 371085
Ion Ratio Lower Upper
114 100
63 20.5 20.3 30.5
88 14.8 14.6 22.0





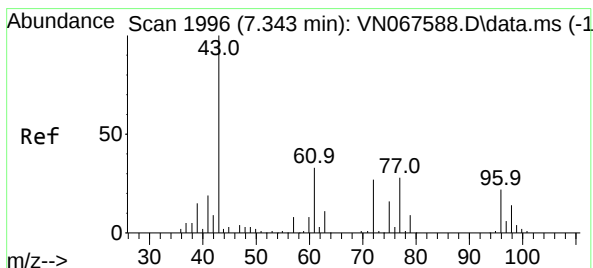
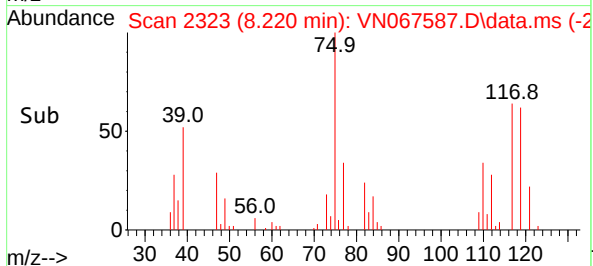
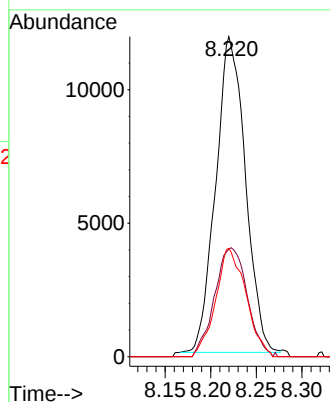
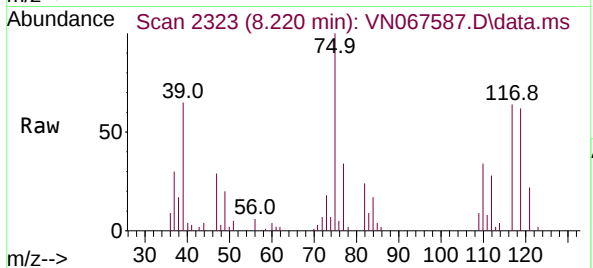
#29
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:	75	Resp:	26729
Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	63.4
77	35.1	0.0	63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

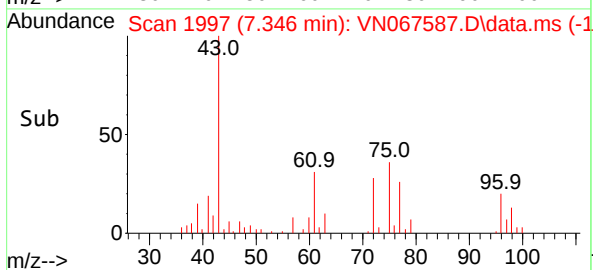
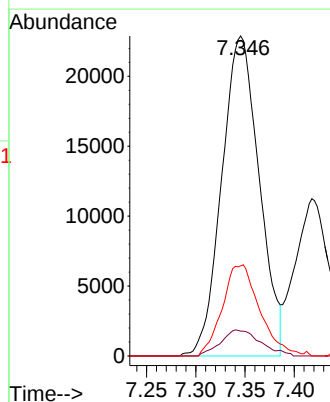
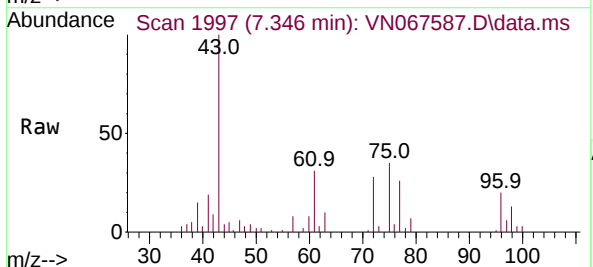
Manual Integrations
APPROVED

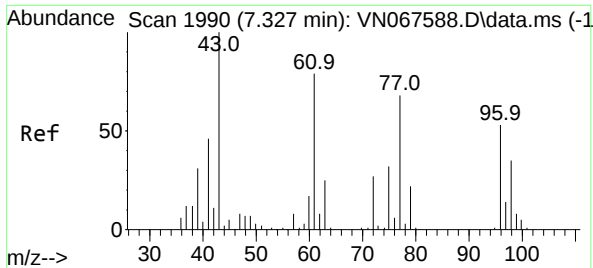
MMDadoda
7/5/2021 1:59:42 PM



#30
2-Butanone
Concen: 21.851 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:	43	Resp:	60652
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.9	10.3
72	28.4	20.0	30.0





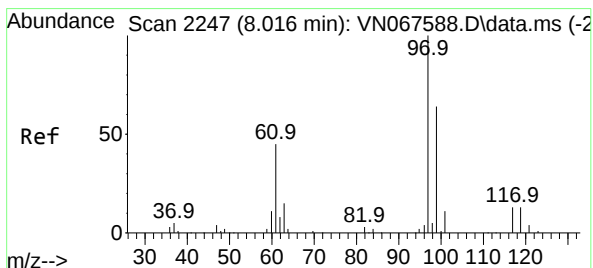
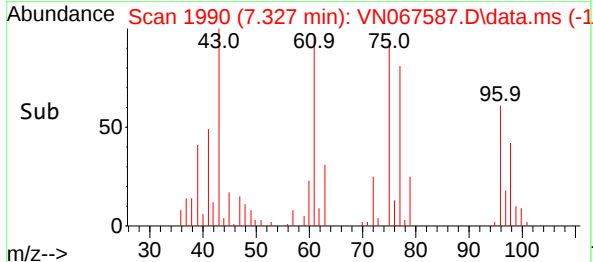
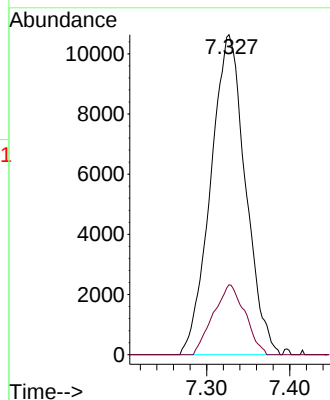
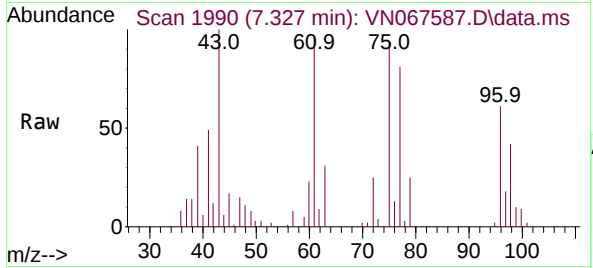
#31
2,2-Dichloropropane
Concen: 5.241 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 77 Resp: 30995
Ion Ratio Lower Upper
77 100
97 19.9 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

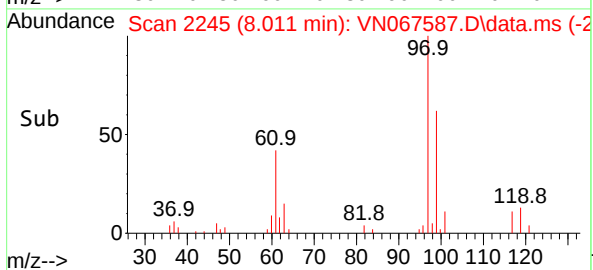
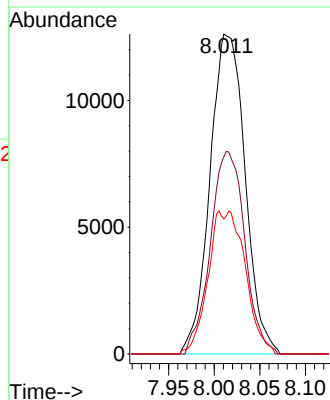
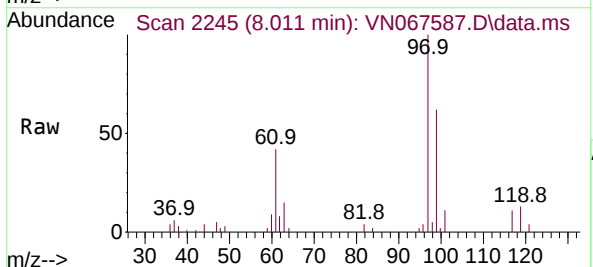
Manual Integrations
APPROVED

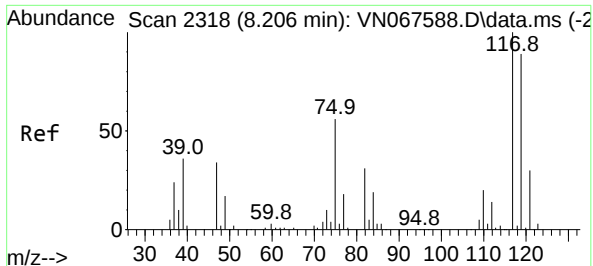
MMDadoda
7/5/2021 1:59:42 PM



#32
1,1,1-Trichloroethane
Concen: 4.847 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.005 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

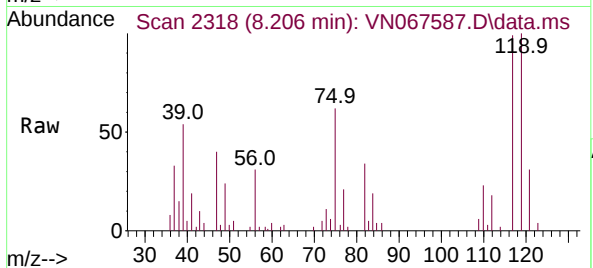
Tgt Ion: 97 Resp: 33842
Ion Ratio Lower Upper
97 100
99 61.8 49.7 74.5
61 21.3 38.0 57.0#





#33
Carbon Tetrachloride
Concen: 4.605 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

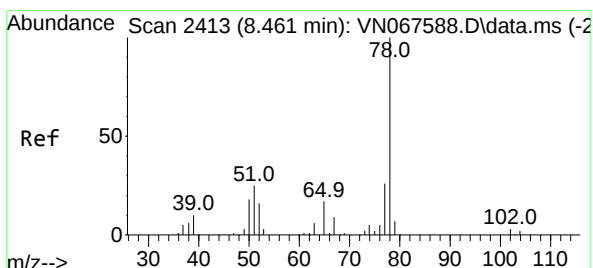
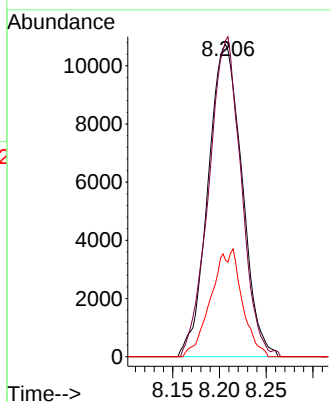
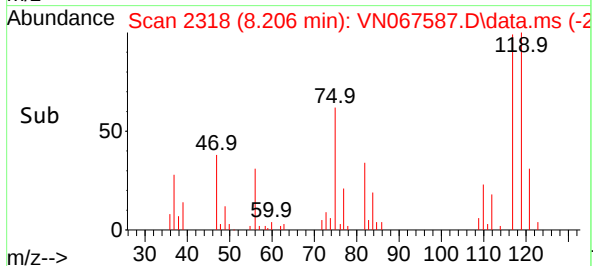
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



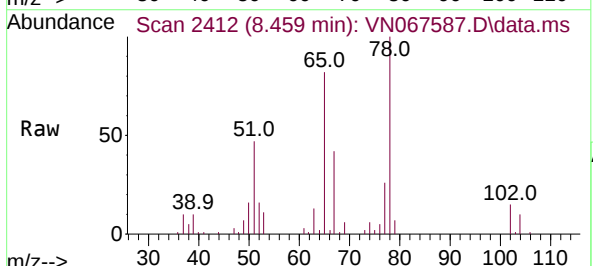
Tgt Ion:117 Resp: 27109
Ion Ratio Lower Upper
117 100
119 101.3 73.3 109.9
121 31.0 24.2 36.4

Manual Integrations
APPROVED

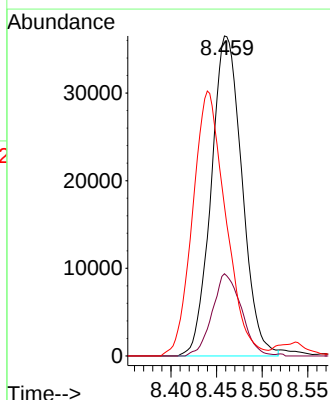
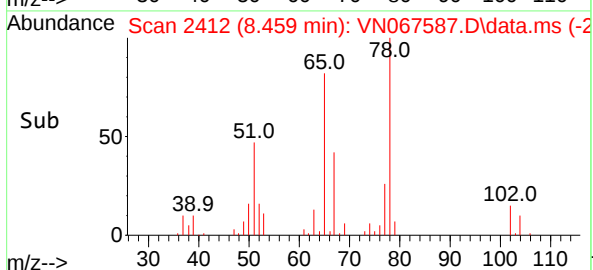
MMDadoda
7/5/2021 1:59:42 PM

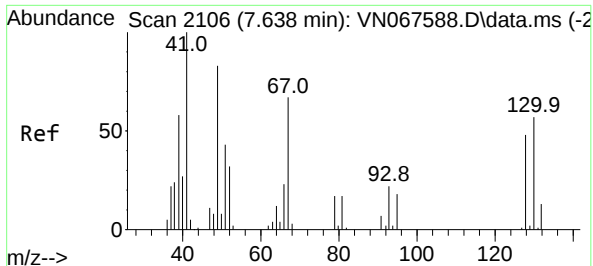


#34
Benzene
Concen: 5.384 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 78 Resp: 85735
Ion Ratio Lower Upper
78 100
77 25.7 18.6 28.0
51 43.5 20.0 30.0#





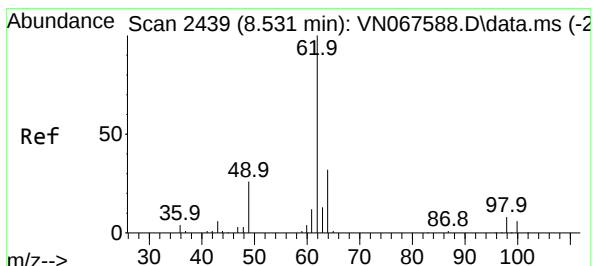
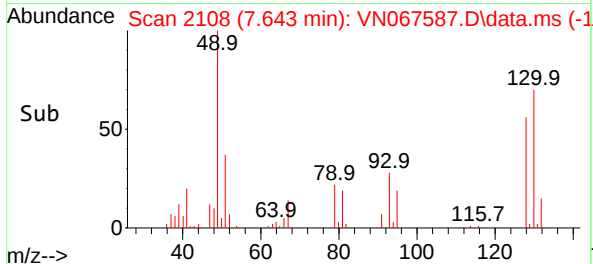
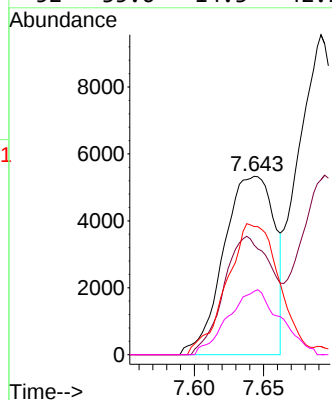
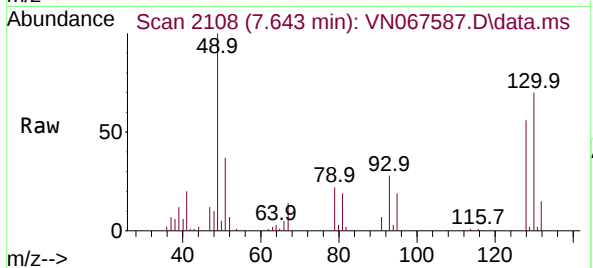
#35
Methacrylonitrile
Concen: 4.587 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.006 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:	41	Resp:	13599
Ion	Ratio	Lower	Upper
41	100		
39	61.4	30.3	90.9
67	71.8	32.1	96.3
52	35.6	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

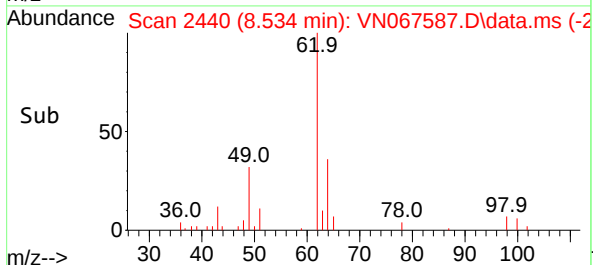
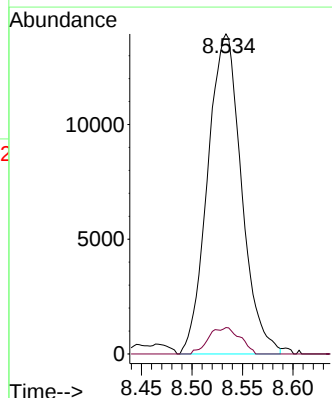
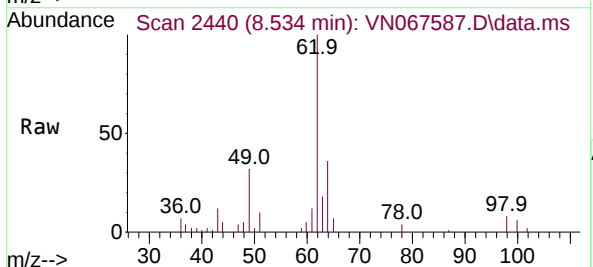
Manual Integrations
APPROVED

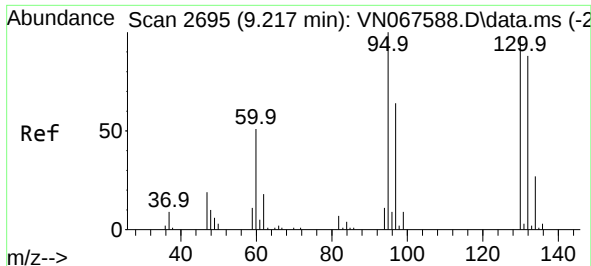
MMDadoda
7/5/2021 1:59:42 PM



#36
1,2-Dichloroethane
Concen: 4.914 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:	62	Resp:	32439
Ion	Ratio	Lower	Upper
62	100		
98	2.4	6.0	9.0#





#37

Trichloroethene

Concen: 5.613 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN067587.D

Acq: 1 Jul 2021 9:37

Tgt Ion:130 Resp: 21688

Ion Ratio Lower Upper

130 100

95 100.1 92.2 138.2

Instrument :

MSVOA_N

ClientSampleId :

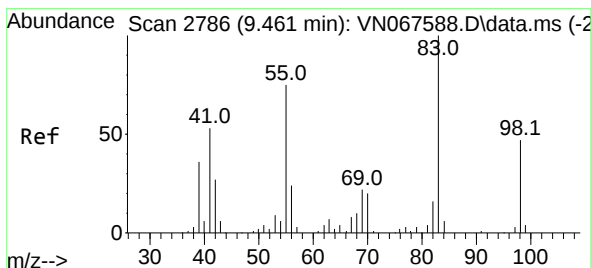
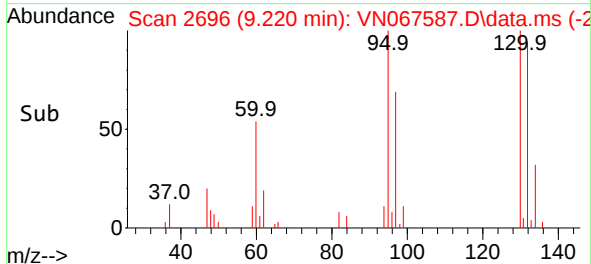
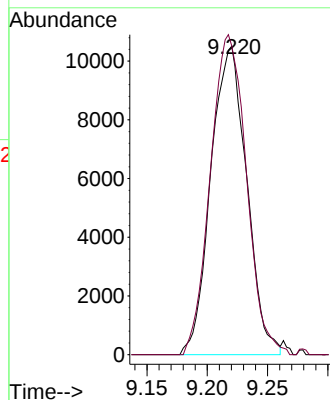
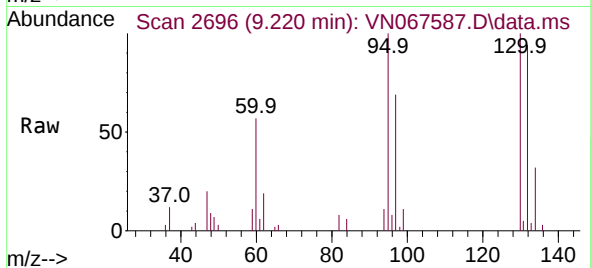
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/5/2021 1:59:42 PM



#38

Methylcyclohexane

Concen: 5.576 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067587.D

Acq: 1 Jul 2021 9:37

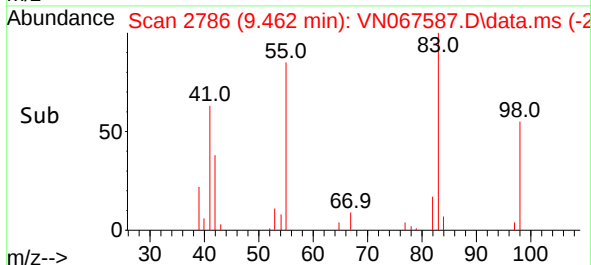
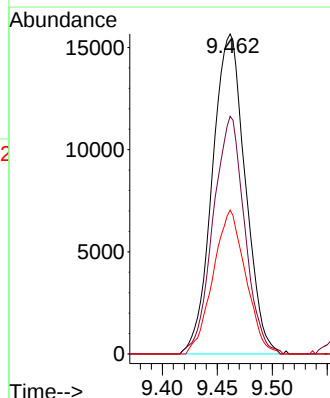
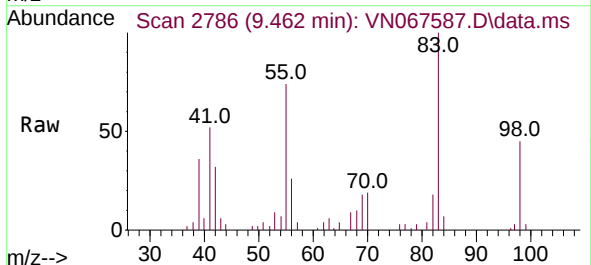
Tgt Ion: 83 Resp: 32583

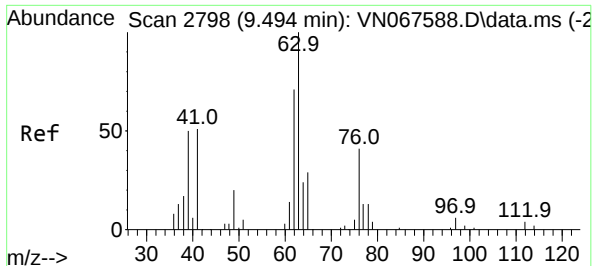
Ion Ratio Lower Upper

83 100

55 71.3 41.5 124.6

98 44.5 22.4 67.0





#39

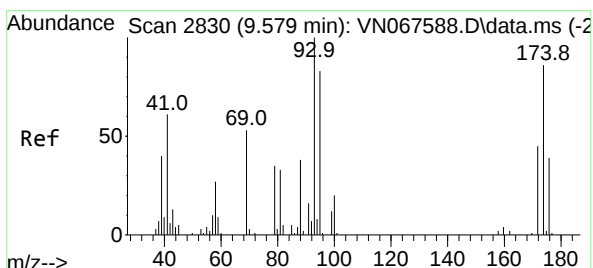
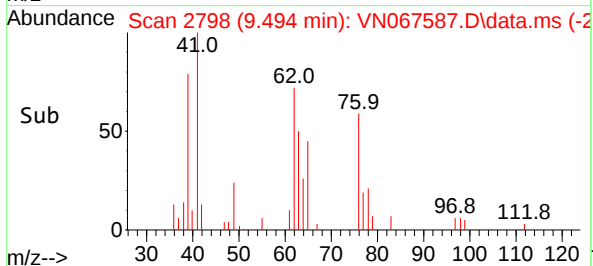
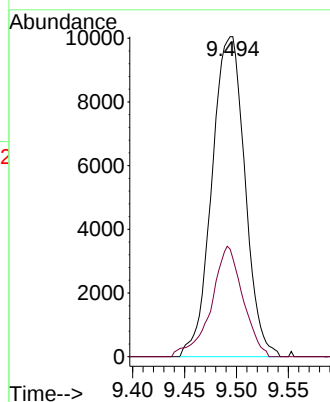
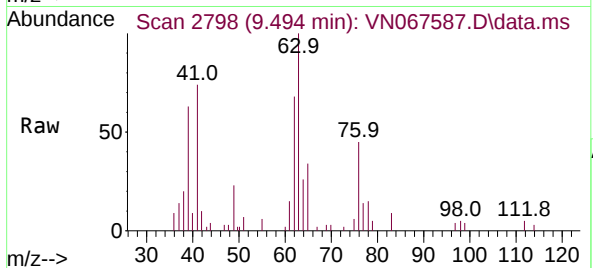
1,2-Dichloropropane
Concen: 5.210 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 63 Resp: 22222
Ion Ratio Lower Upper
63 100
65 33.6 24.5 36.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

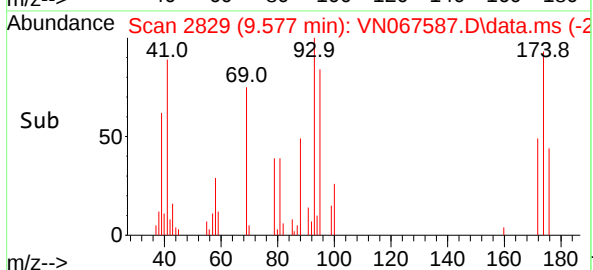
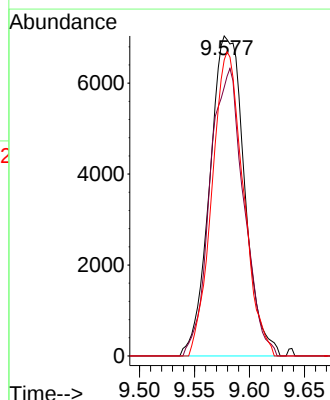
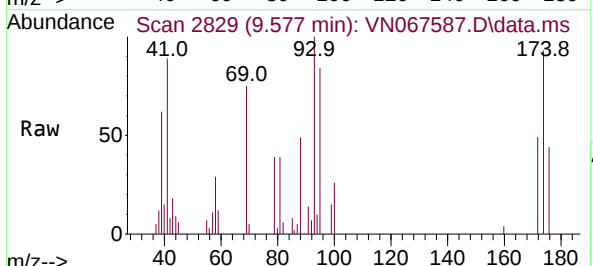
MMDadoda
7/5/2021 1:59:42 PM

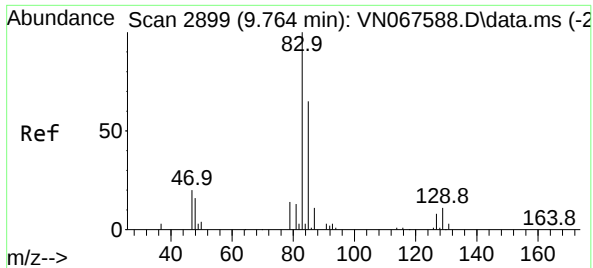


#40

Dibromomethane
Concen: 5.209 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

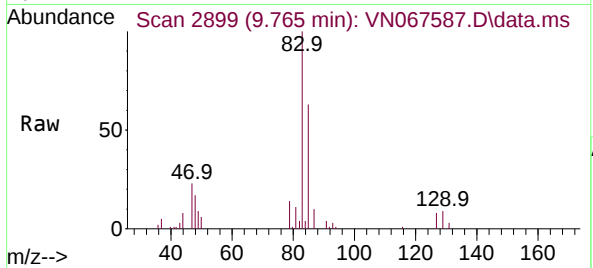
Tgt Ion: 93 Resp: 15434
Ion Ratio Lower Upper
93 100
95 87.6 0.0 167.6
174 85.8 0.0 148.4





#41
Bromodichloromethane
Concen: 4.771 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

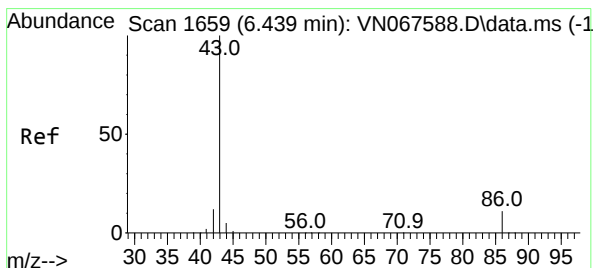
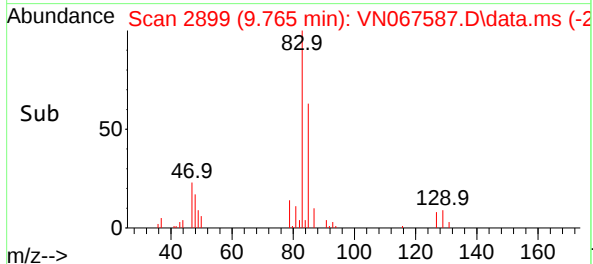
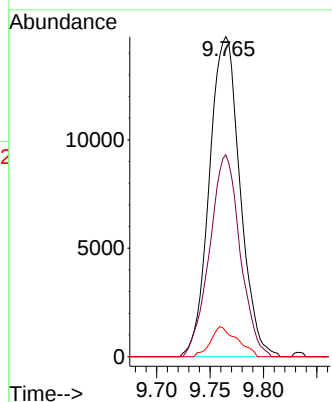
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



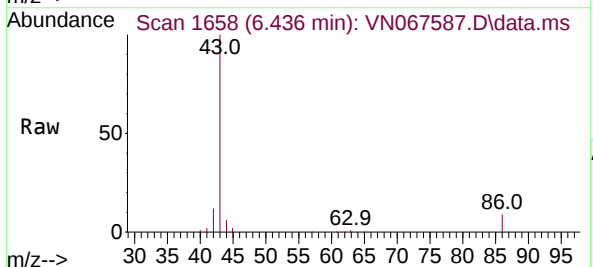
Tgt Ion:	83	Resp:	29426
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8
127	7.9	6.6	9.8

Manual Integrations
APPROVED

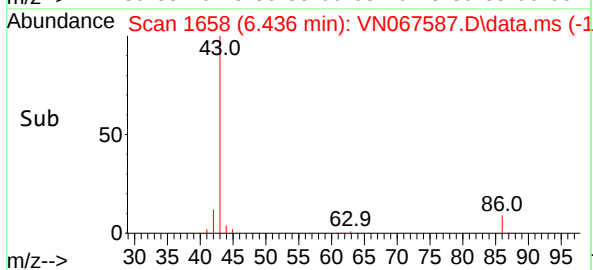
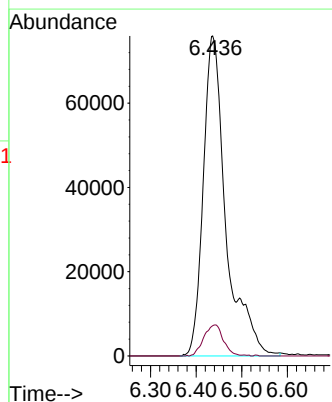
MMDadoda
7/5/2021 1:59:42 PM

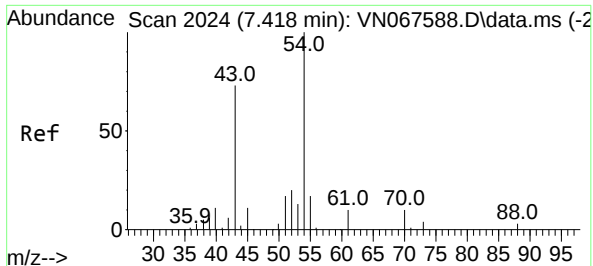


#42
Vinyl Acetate
Concen: 22.515 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion:	43	Resp:	262895
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.4	9.6





#43

Ethyl Acetate

Concen: 4.874 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VN067587.D

Acq: 1 Jul 2021 9:37

Tgt Ion: 43 Resp: 27331

Ion Ratio Lower Upper

43 100

45 5.8 1.0 1.6#

Instrument :

MSVOA_N

ClientSampleId :

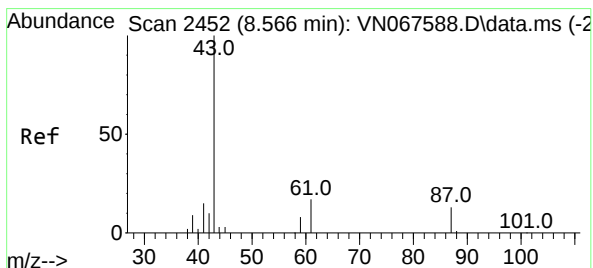
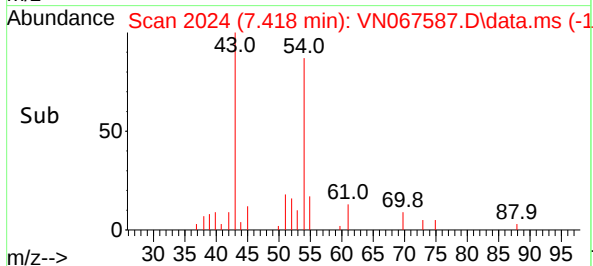
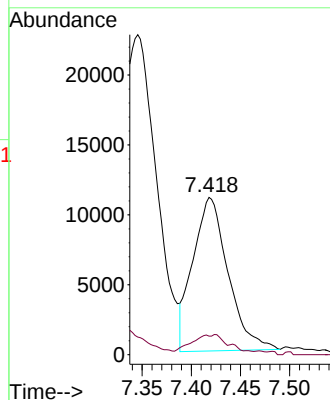
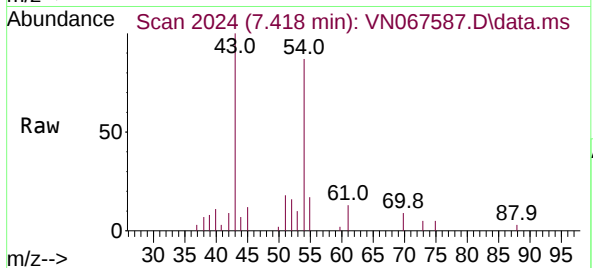
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/5/2021 1:59:42 PM



#44

Isopropyl Acetate

Concen: 4.521 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.000 min

Lab File: VN067587.D

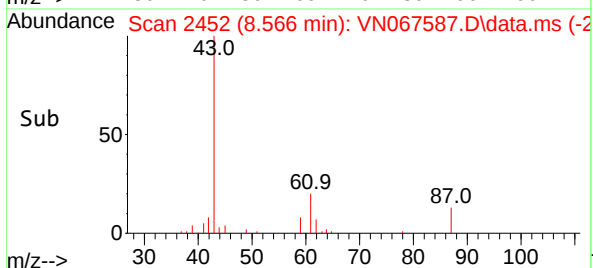
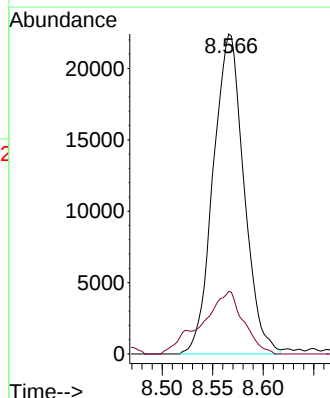
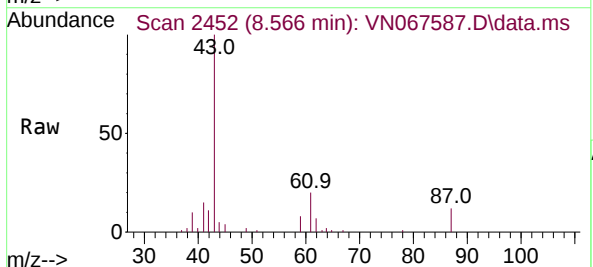
Acq: 1 Jul 2021 9:37

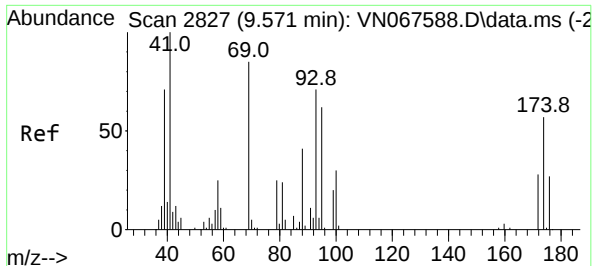
Tgt Ion: 43 Resp: 47396

Ion Ratio Lower Upper

43 100

61 21.1 19.0 28.6





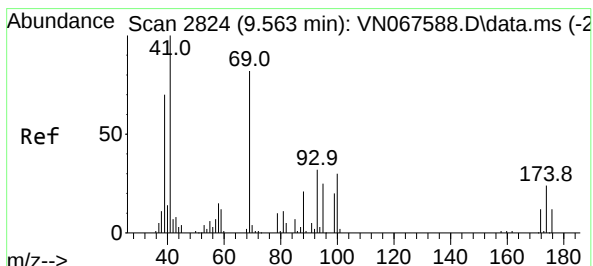
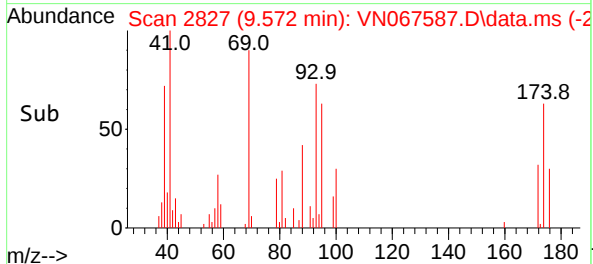
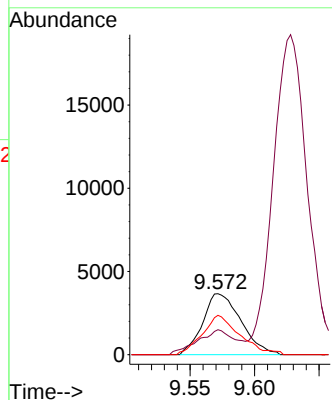
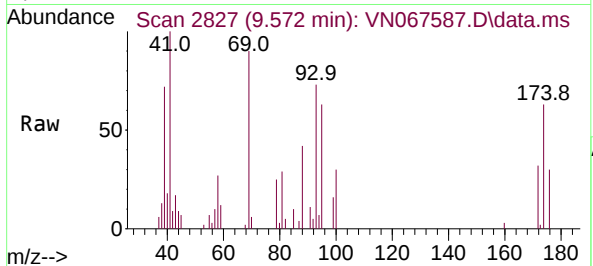
#45
1,4-Dioxane
Concen: 108.770 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 88 Resp: 7549
Ion Ratio Lower Upper
88 100
43 40.8 18.0 27.0#
58 61.4 57.7 86.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

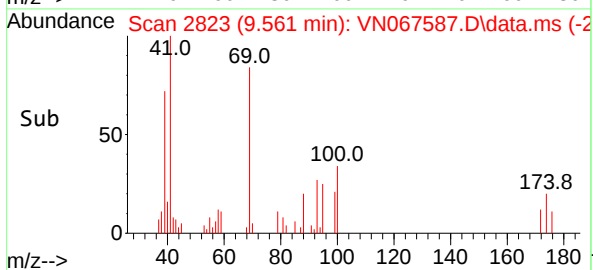
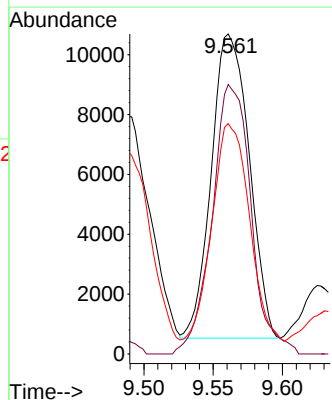
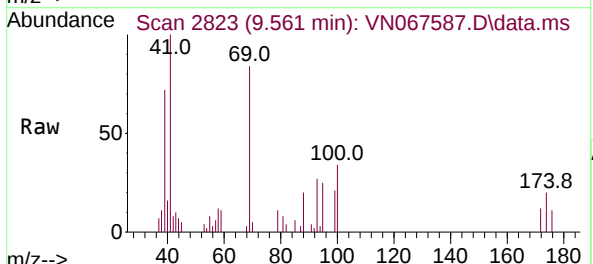
Manual Integrations
APPROVED

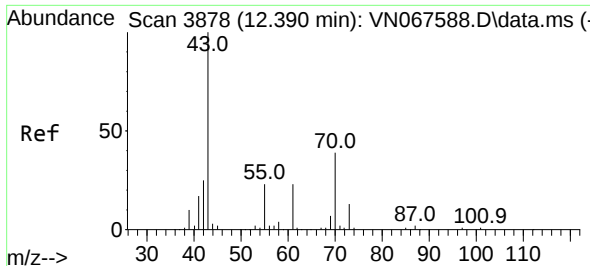
MMDadoda
7/5/2021 1:59:42 PM



#46
Methyl methacrylate
Concen: 4.169 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 41 Resp: 19347
Ion Ratio Lower Upper
41 100
69 86.2 38.0 114.1
39 71.1 33.9 101.7





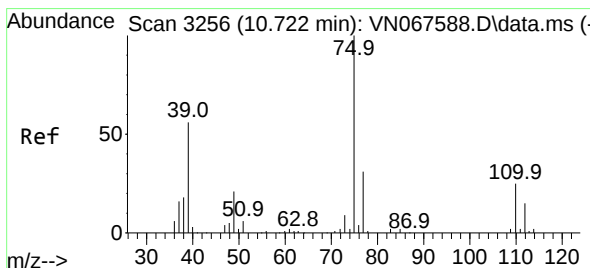
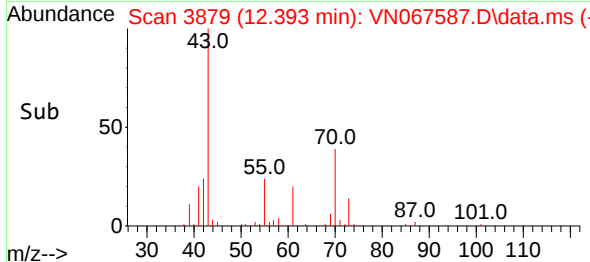
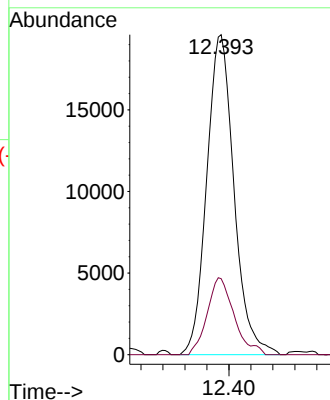
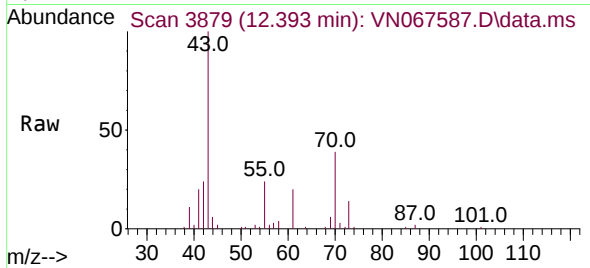
#47
n-amy1 Acetate
Concen: 3.825 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 43 Resp: 33765
Ion Ratio Lower Upper
43 100
55 22.8 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

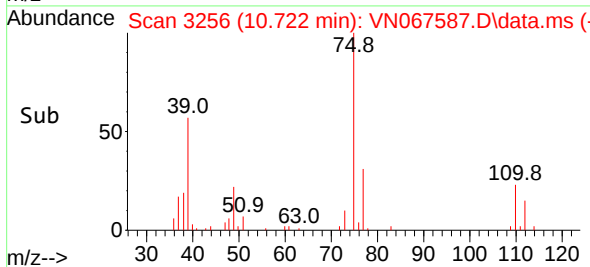
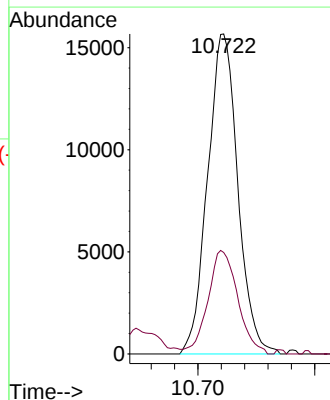
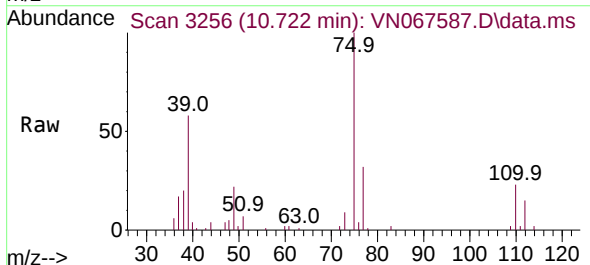
Manual Integrations
APPROVED

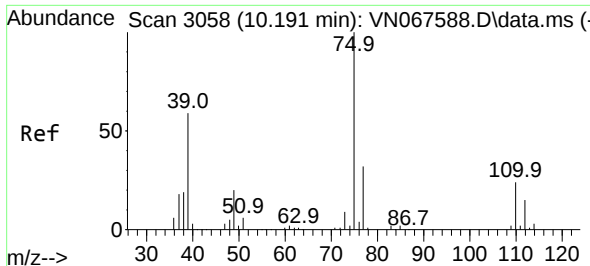
MMDadoda
7/5/2021 1:59:42 PM



#48
t-1,3-Dichloropropene
Concen: 4.188 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 75 Resp: 28160
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0





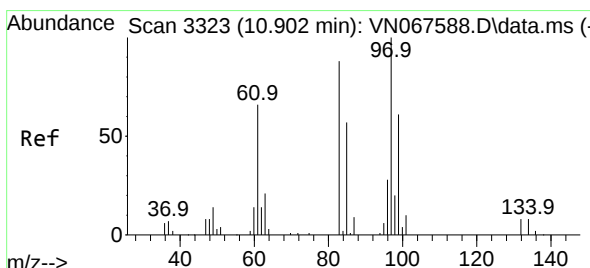
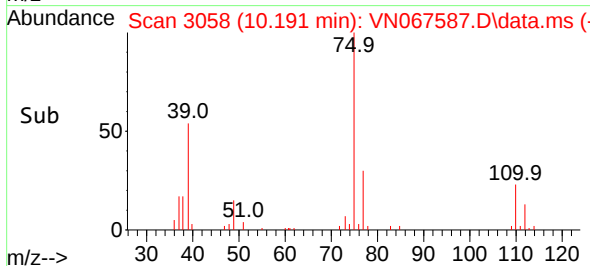
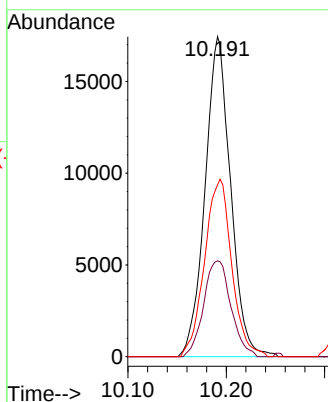
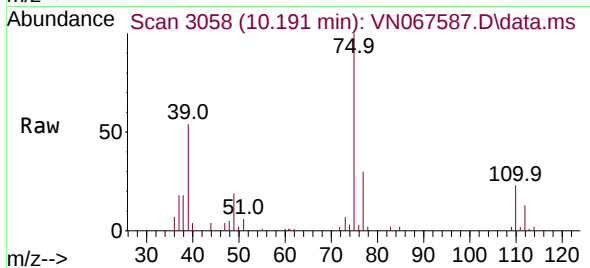
#49
 cis-1,3-Dichloropropene
 Concen: 4.577 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN067587.D
 Acq: 1 Jul 2021 9:37

Tgt Ion: 75 Resp: 31516
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0
 39 53.8 50.6 76.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

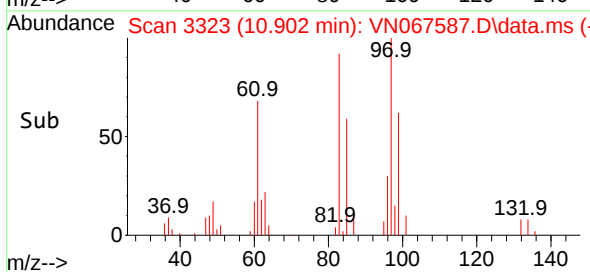
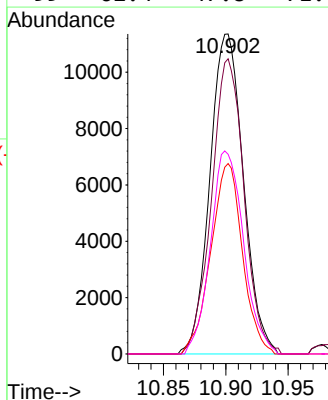
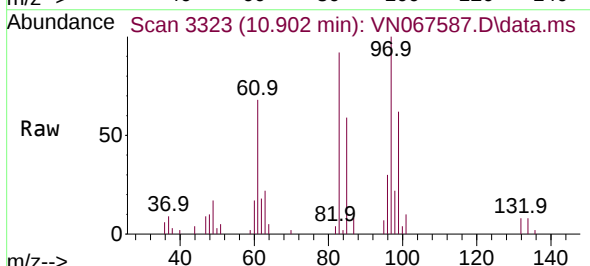
Manual Integrations
 APPROVED

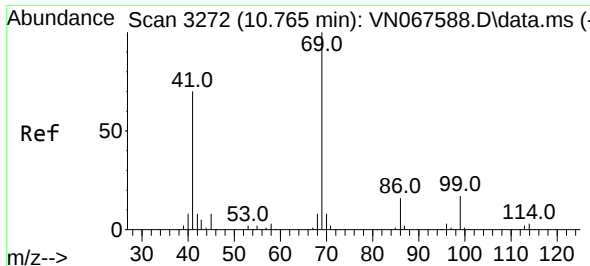
MMDadoda
 7/5/2021 1:59:42 PM



#50
 1,1,2-Trichloroethane
 Concen: 5.452 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.000 min
 Lab File: VN067587.D
 Acq: 1 Jul 2021 9:37

Tgt Ion: 97 Resp: 21282
 Ion Ratio Lower Upper
 97 100
 83 92.3 69.6 104.4
 85 59.5 45.2 67.8
 99 62.4 47.8 71.6





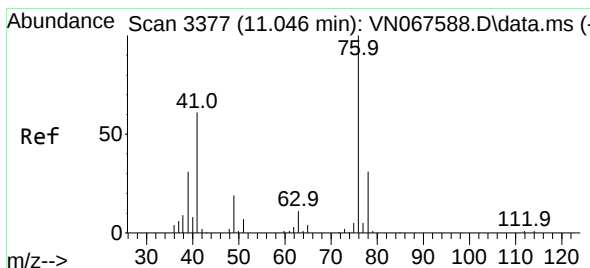
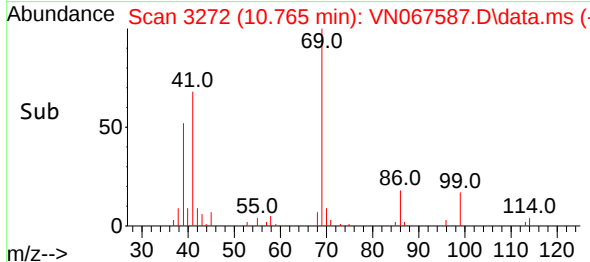
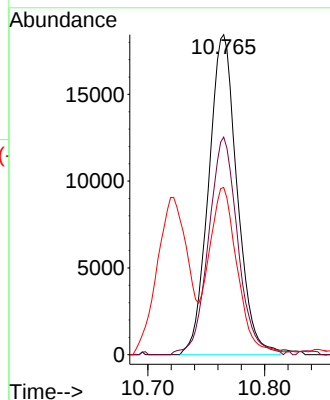
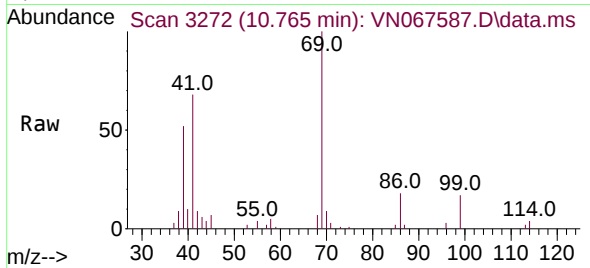
#51
Ethyl methacrylate
Concen: 4.589 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 69 Resp: 31292
Ion Ratio Lower Upper
69 100
41 67.1 36.8 110.4
39 51.1 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

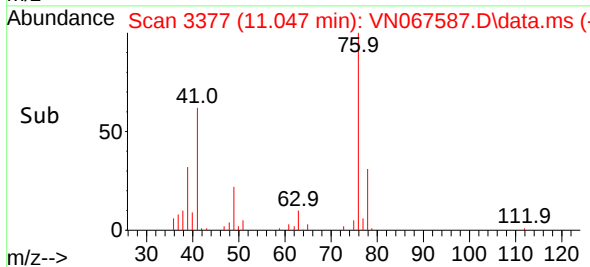
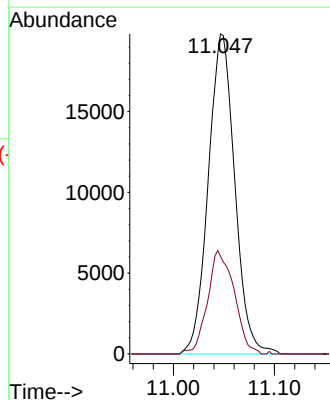
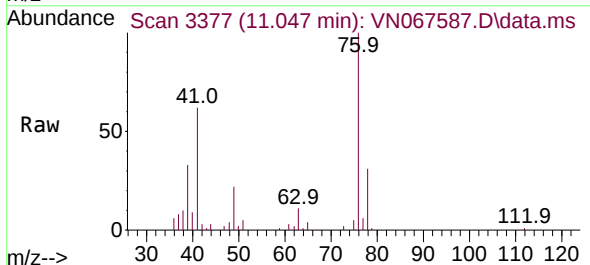
Manual Integrations
APPROVED

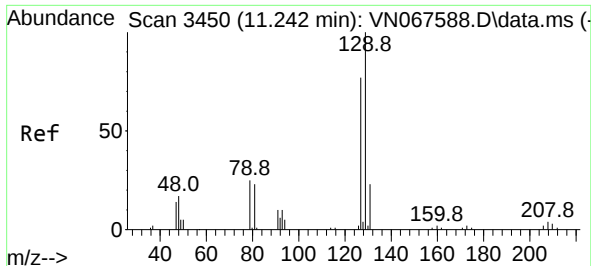
MMDadoda
7/5/2021 1:59:42 PM



#52
1,3-Dichloropropane
Concen: 5.183 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 76 Resp: 36091
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





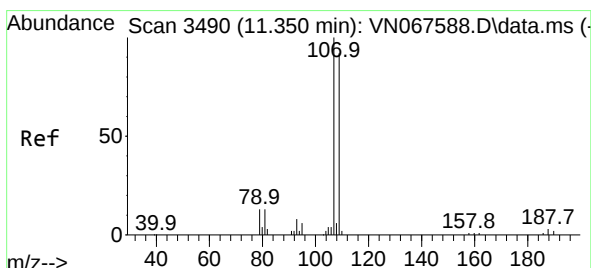
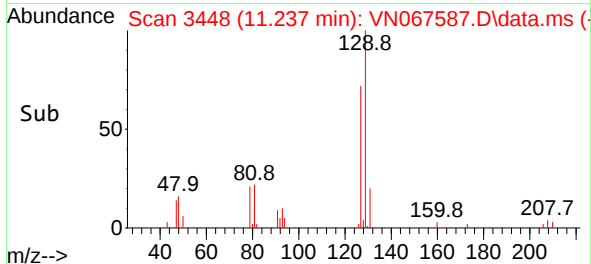
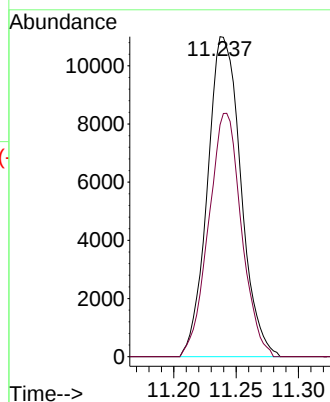
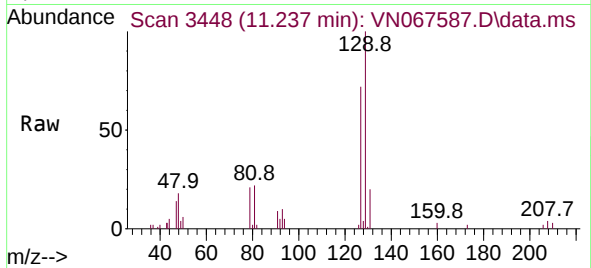
#53
Dibromochloromethane
Concen: 4.813 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.005 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 20498
Ion Ratio Lower Upper
129 100
127 74.8 38.8 116.4

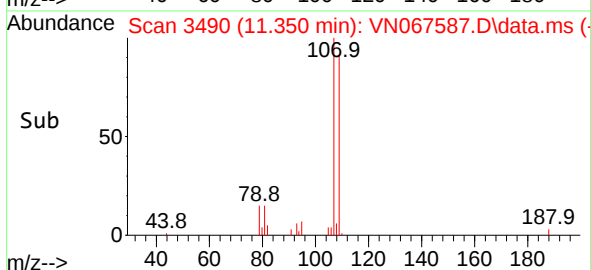
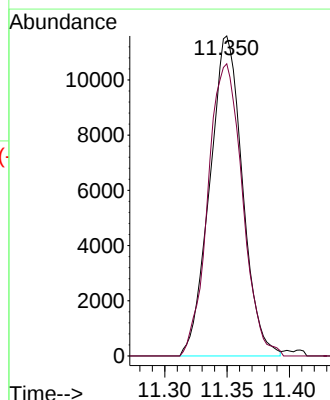
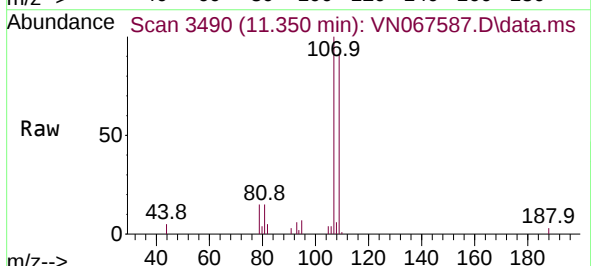
Manual Integrations
APPROVED

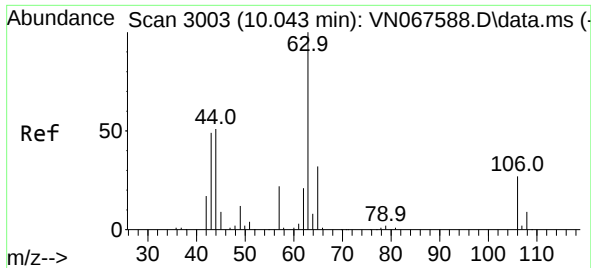
MMDadoda
7/5/2021 1:59:42 PM



#54
1,2-Dibromoethane
Concen: 5.203 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:107 Resp: 21180
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.6





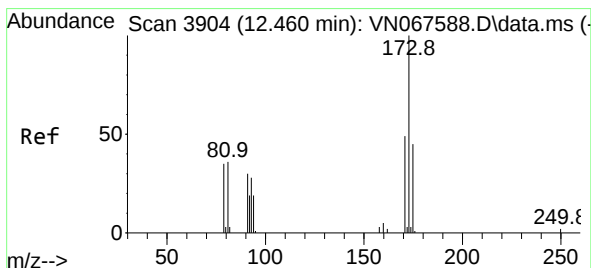
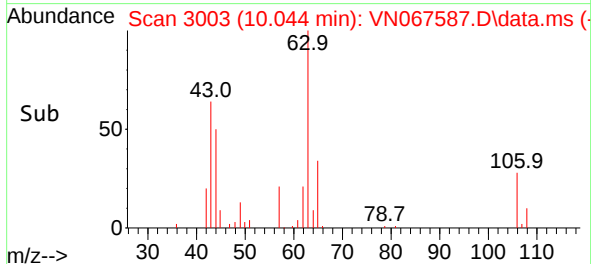
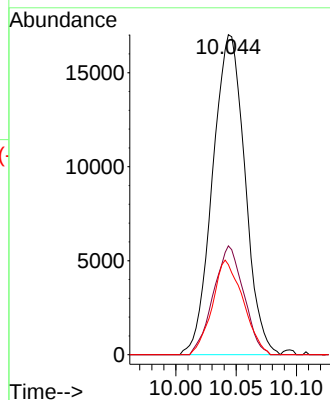
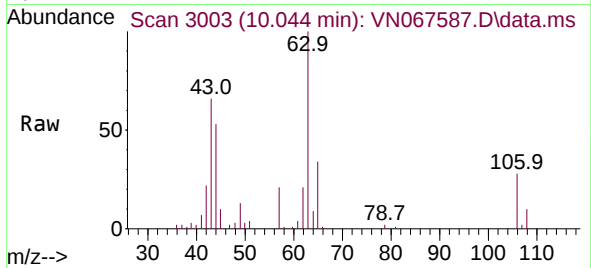
#55
2-Chloroethyl vinyl ether
Concen: 19.307 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4
106	28.1	20.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

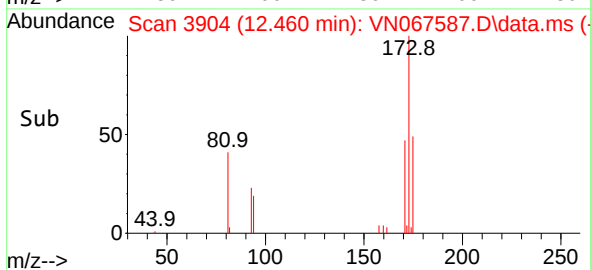
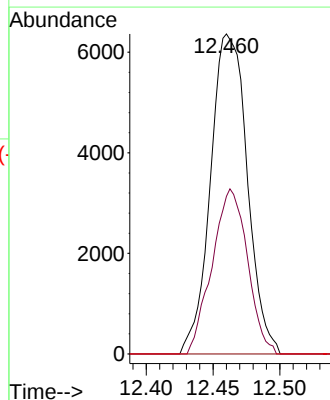
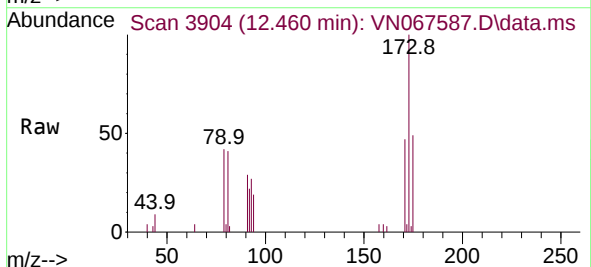
Manual Integrations
APPROVED

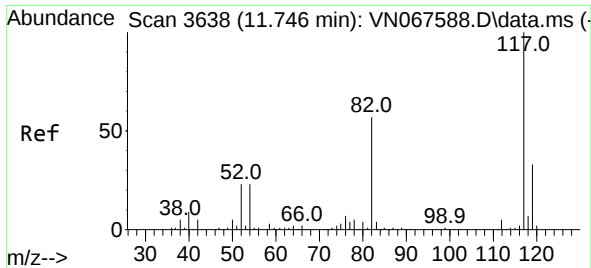
MMDadoda
7/5/2021 1:59:42 PM



#56
Bromoform
Concen: 4.253 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.4	59.2
254	0.0	0.0	0.0





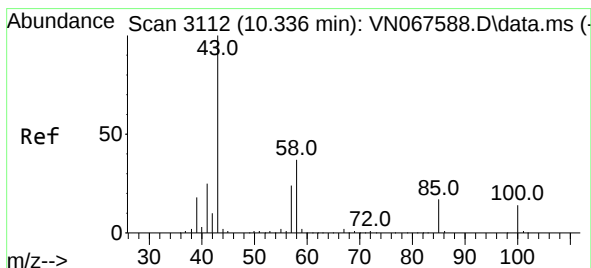
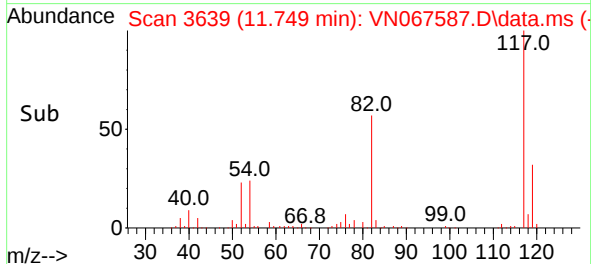
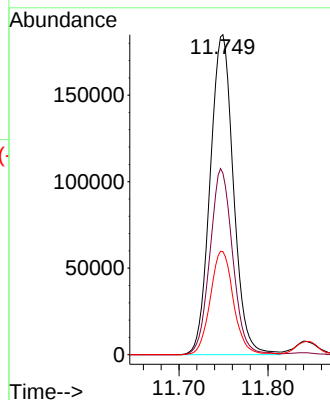
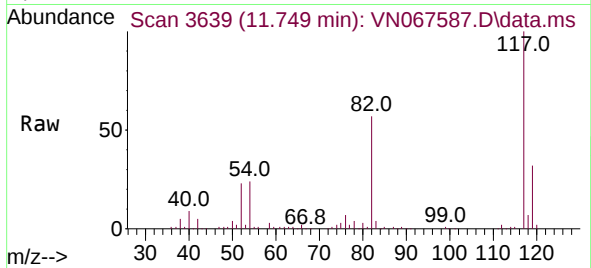
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 336546
Ion Ratio Lower Upper
117 100
82 56.8 52.5 78.7
119 32.1 25.8 38.8

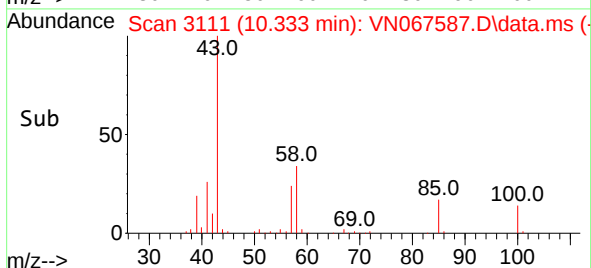
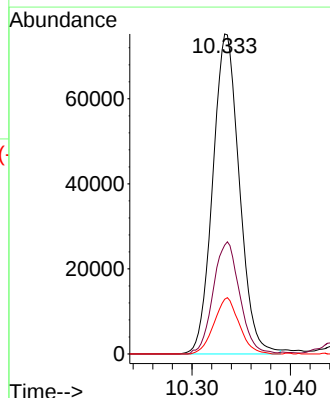
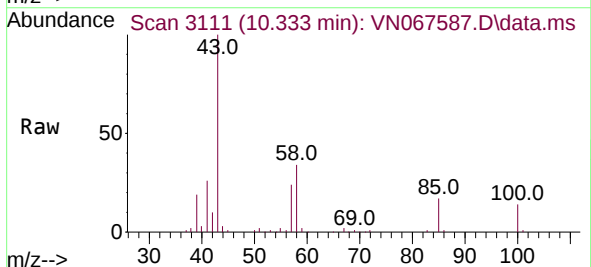
Manual Integrations
APPROVED

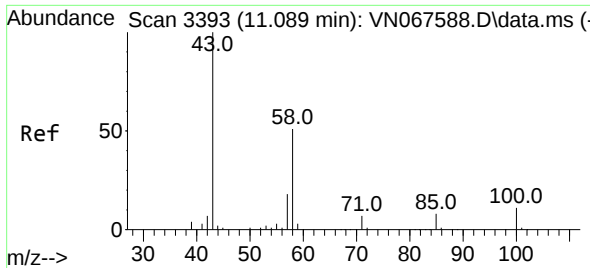
MMDadoda
7/5/2021 1:59:42 PM



#58
4-Methyl-2-Pentanone
Concen: 23.367 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 43 Resp: 141509
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.4
85 16.6 13.2 19.8





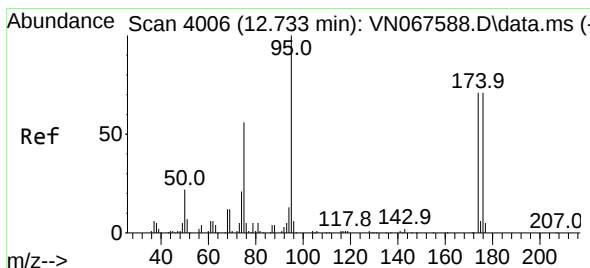
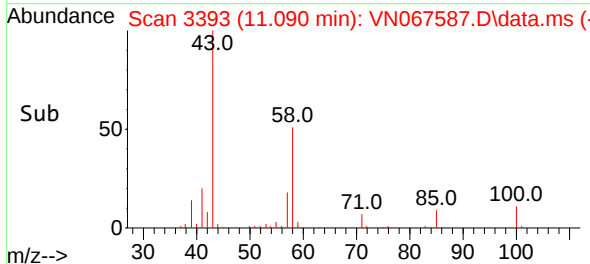
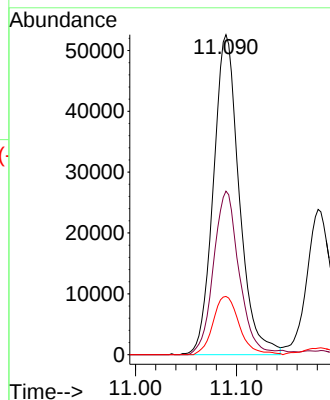
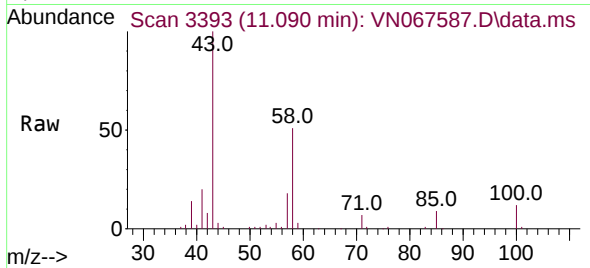
#59
2-Hexanone
Concen: 21.512 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:	43	Resp:	93416
Ion	Ratio	Lower	Upper
43	100		
58	50.6	39.4	59.0
57	18.2	14.4	21.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

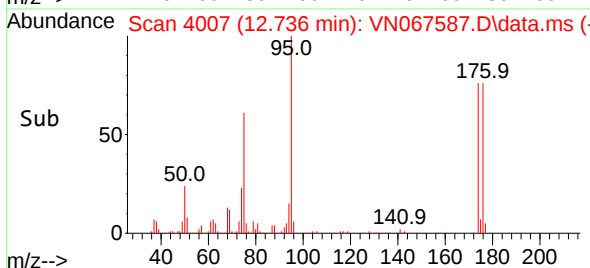
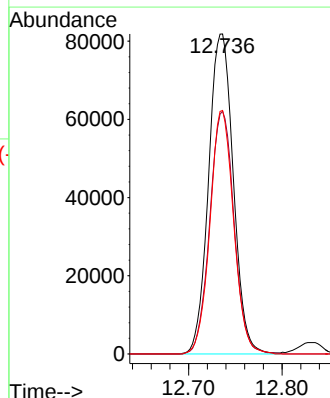
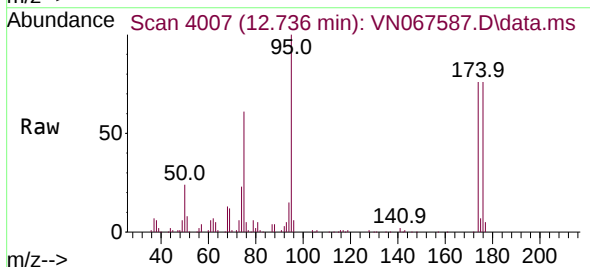
Manual Integrations
APPROVED

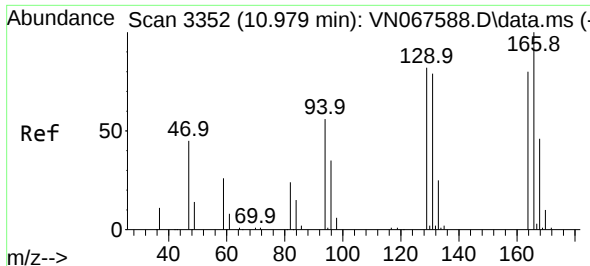
MMDadoda
7/5/2021 1:59:42 PM



#60
4-Bromofluorobenzene
Concen: 24.647 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

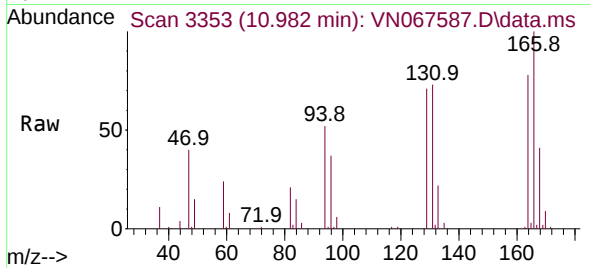
Tgt Ion:	95	Resp:	150337
Ion	Ratio	Lower	Upper
95	100		
174	74.5	47.7	71.5#
176	72.9	45.7	68.5#





#61
Tetrachloroethene
Concen: 6.510 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

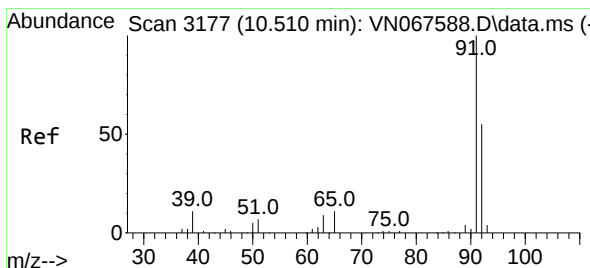
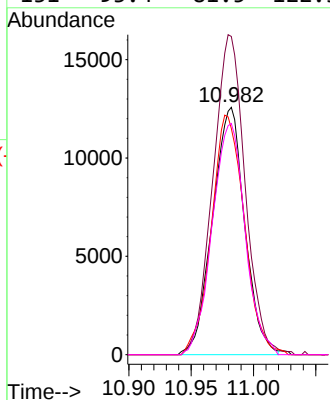
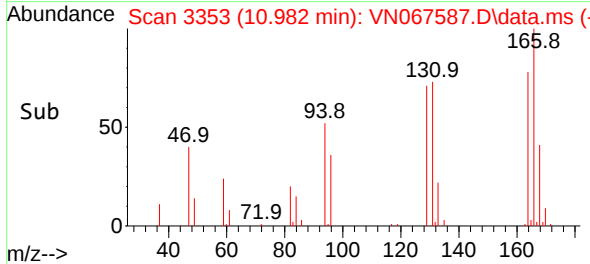
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



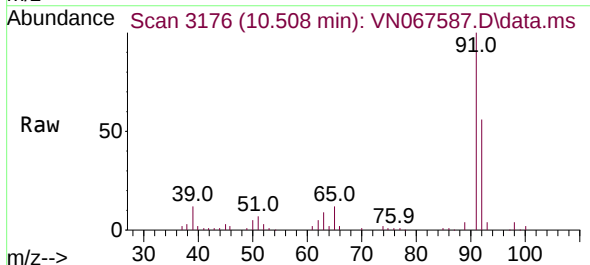
Tgt Ion:164 Resp: 22550
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.4
129 91.4 85.5 128.3
131 93.4 81.5 122.3

Manual Integrations
APPROVED

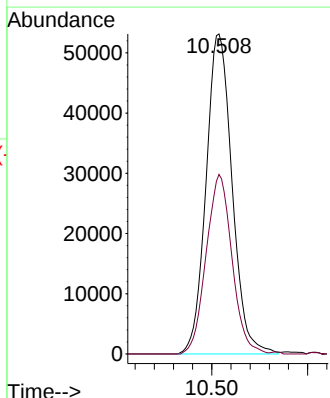
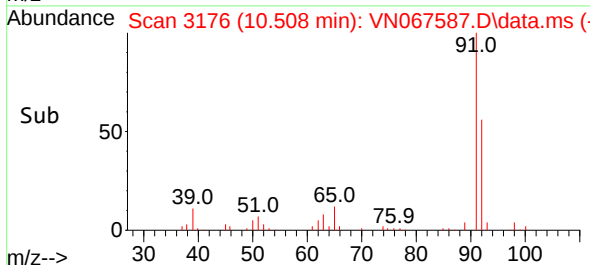
MMDadoda
7/5/2021 1:59:42 PM

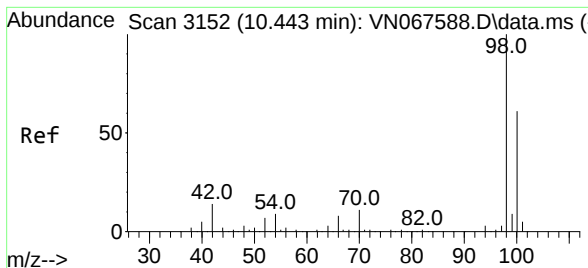


#62
Toluene
Concen: 5.761 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 91 Resp: 100314
Ion Ratio Lower Upper
91 100
92 55.6 46.1 69.1





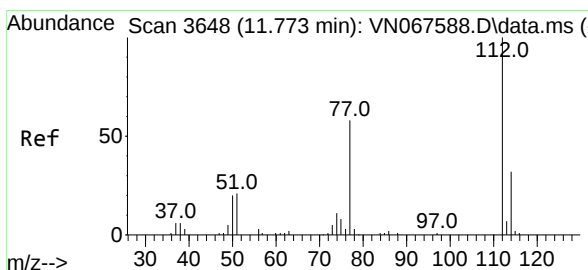
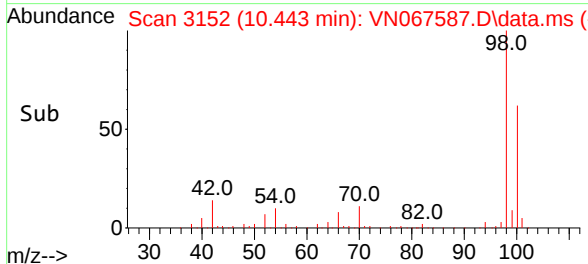
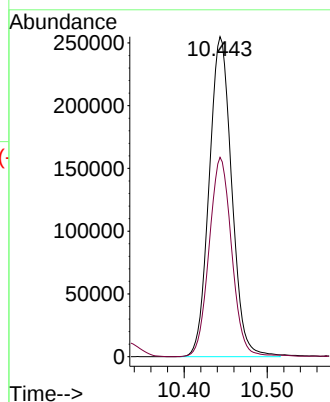
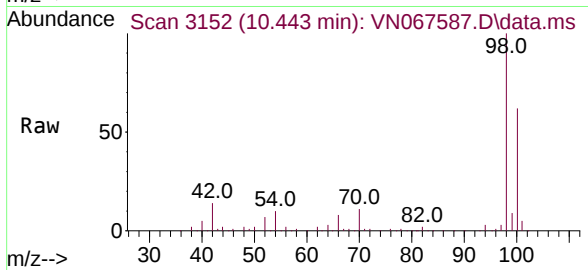
#63
Toluene-d8
Concen: 30.278 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 98 Resp: 480555
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

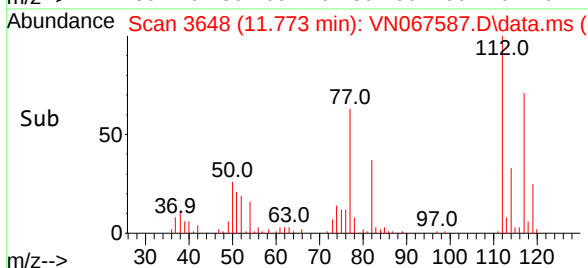
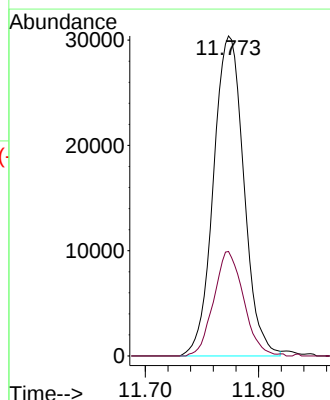
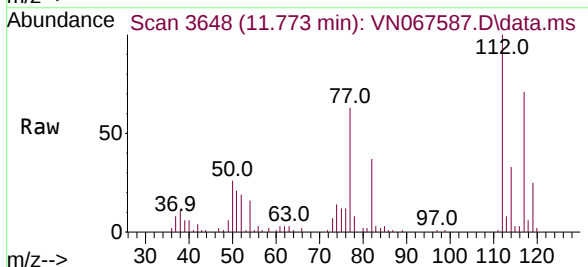
Manual Integrations
APPROVED

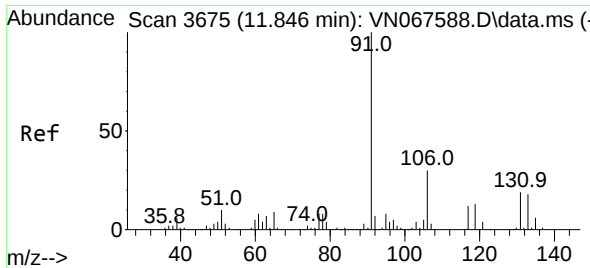
MMDadoda
7/5/2021 1:59:42 PM



#64
Chlorobenzene
Concen: 5.523 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 112 Resp: 56624
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0





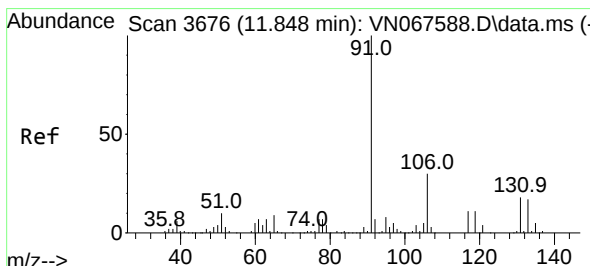
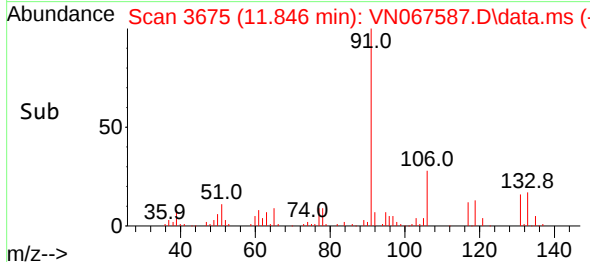
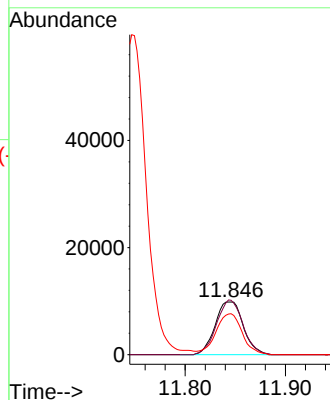
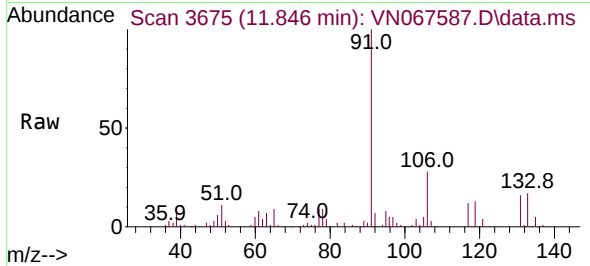
#65
1,1,1,2-Tetrachloroethane
Concen: 5.008 ug/l m
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	0.0	0.0	189.6
119	0.0	0.0	130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

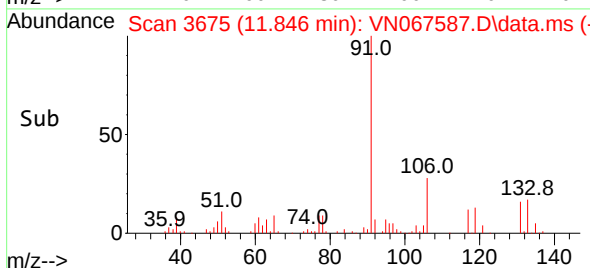
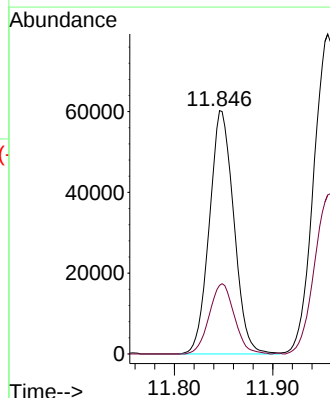
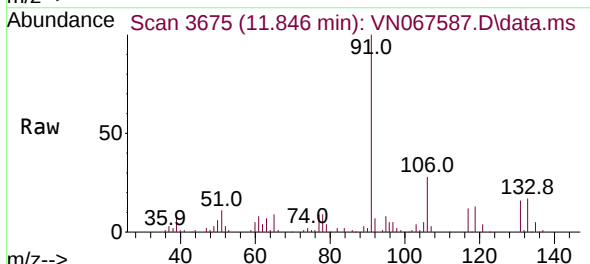
Manual Integrations
APPROVED

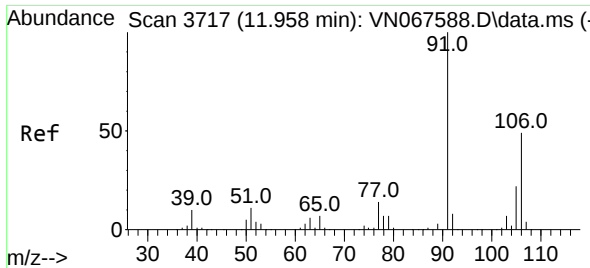
MMDadoda
7/5/2021 1:59:42 PM



#66
Ethyl Benzene
Concen: 5.212 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.2	23.4	35.0





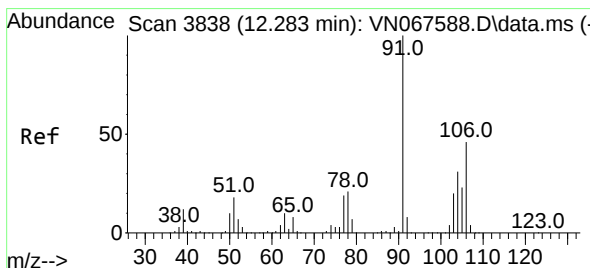
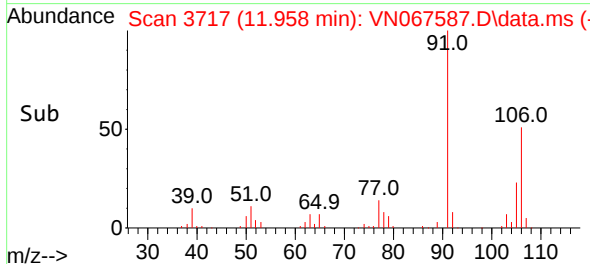
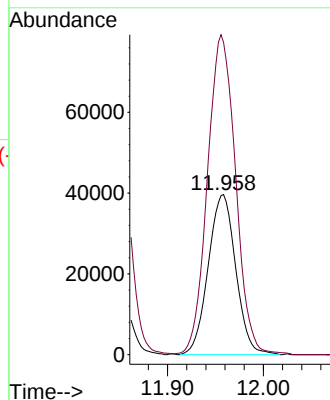
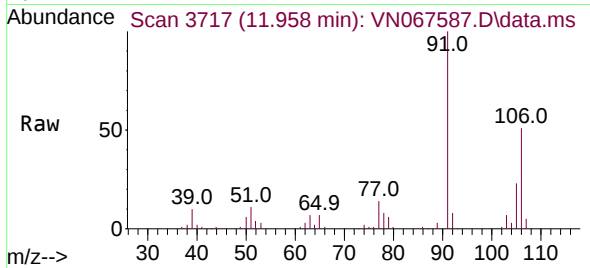
#67
m/p-Xylenes
Concen: 10.956 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:106 Resp: 79133
Ion Ratio Lower Upper
106 100
91 204.5 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

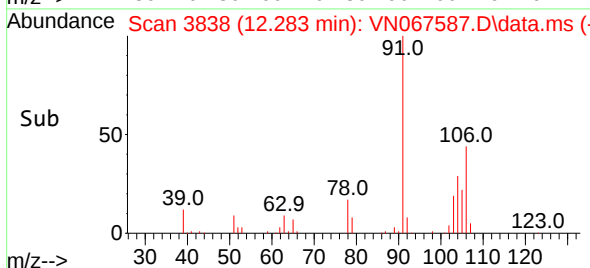
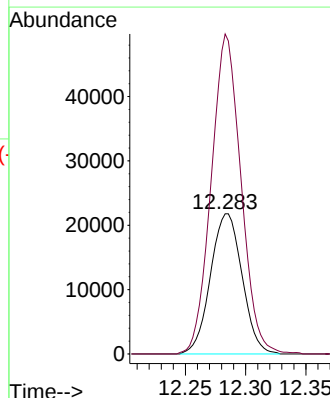
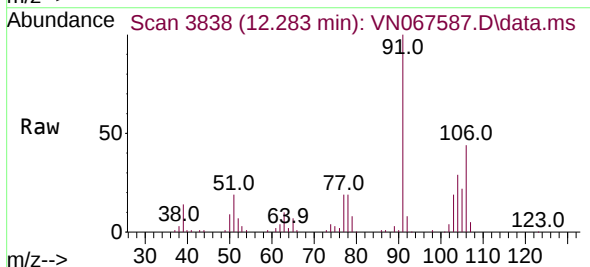
Manual Integrations
APPROVED

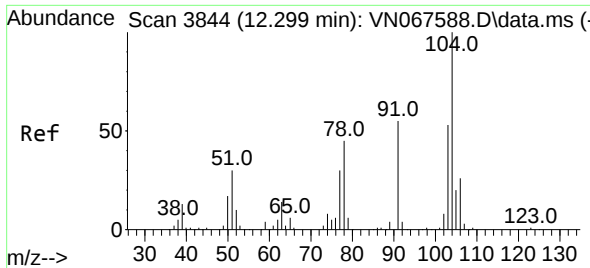
MMDadoda
7/5/2021 1:59:42 PM



#68
o-Xylene
Concen: 5.499 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:106 Resp: 39751
Ion Ratio Lower Upper
106 100
91 214.5 120.0 360.0





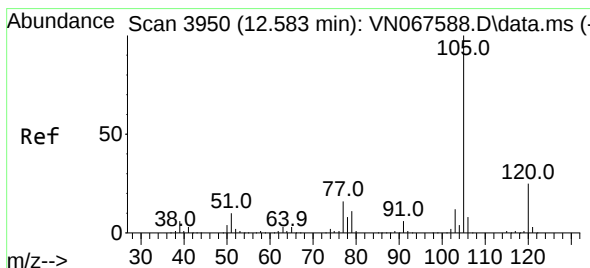
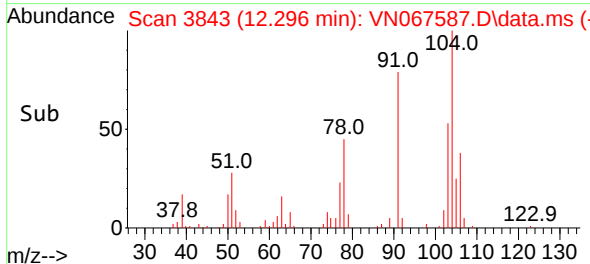
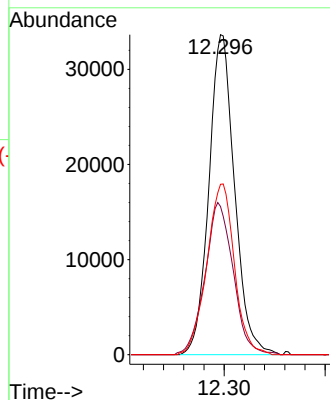
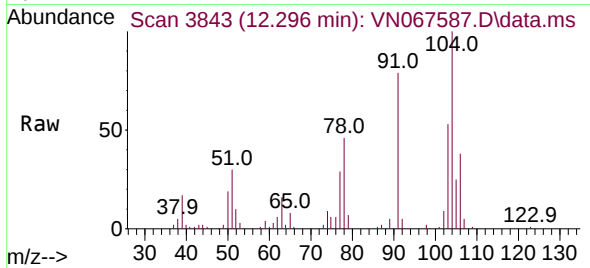
#69
Styrene
Concen: 4.977 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:104 Resp: 59437
Ion Ratio Lower Upper
104 100
78 51.8 48.2 72.2
103 57.2 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

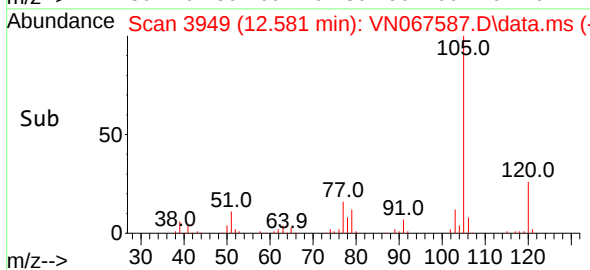
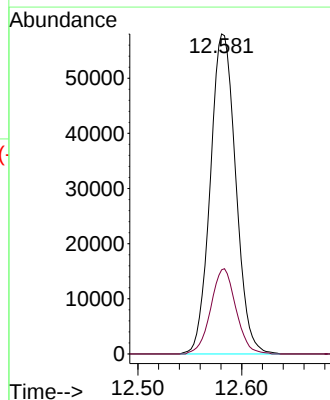
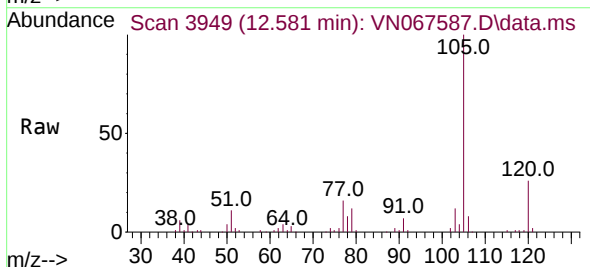
Manual Integrations
APPROVED

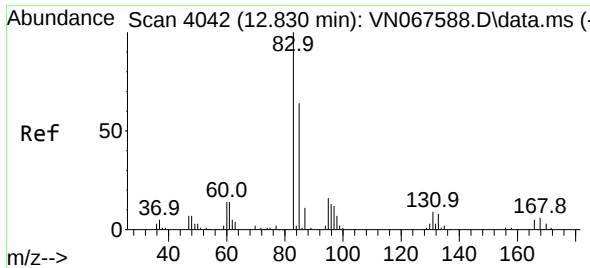
MMDadoda
7/5/2021 1:59:42 PM



#70
Isopropylbenzene
Concen: 5.355 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion:105 Resp: 98689
Ion Ratio Lower Upper
105 100
120 26.3 17.6 32.6





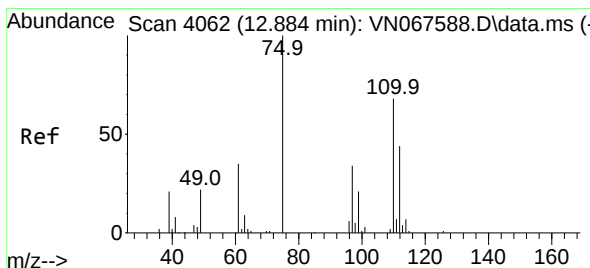
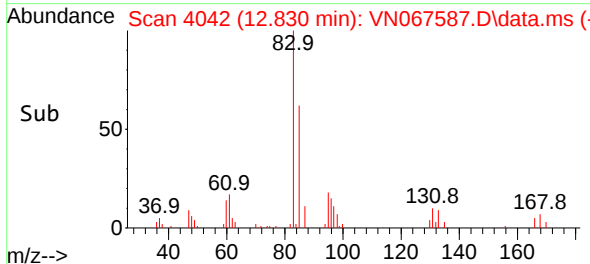
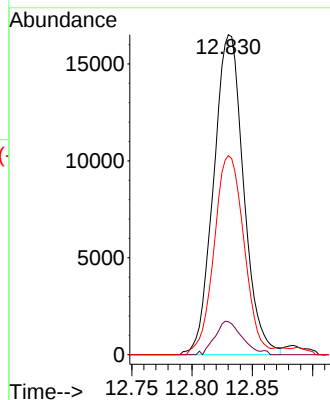
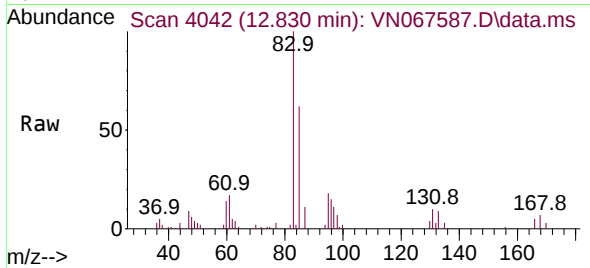
#71
1,1,2,2-Tetrachloroethane
Concen: 5.126 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 83 Resp: 28638
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 61.9 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

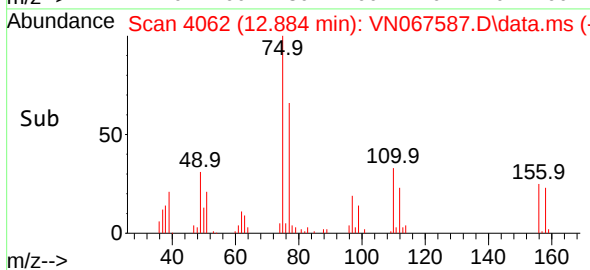
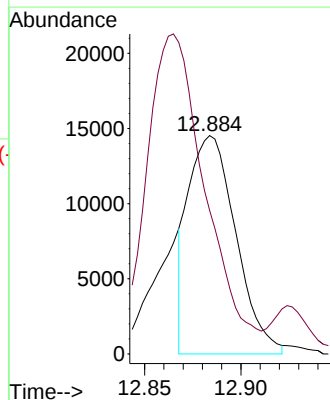
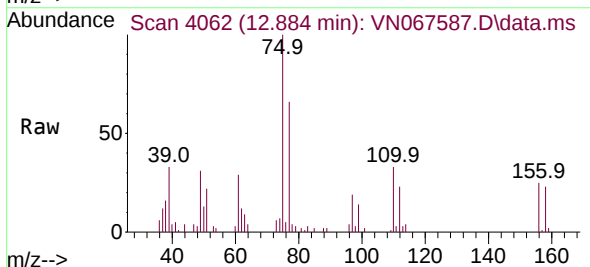
Manual Integrations
APPROVED

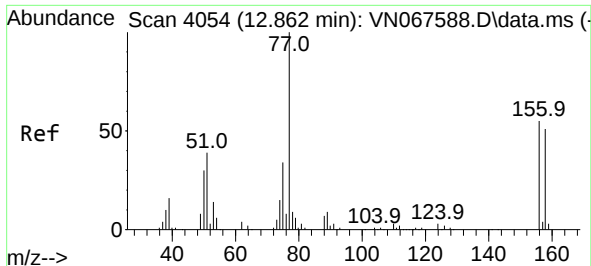
MMDadoda
7/5/2021 1:59:42 PM



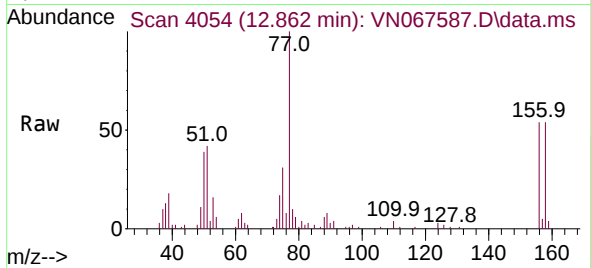
#72
1,2,3-Trichloropropane
Concen: 4.645 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 75 Resp: 24907
Ion Ratio Lower Upper
75 100
77 183.0 0.0 374.2

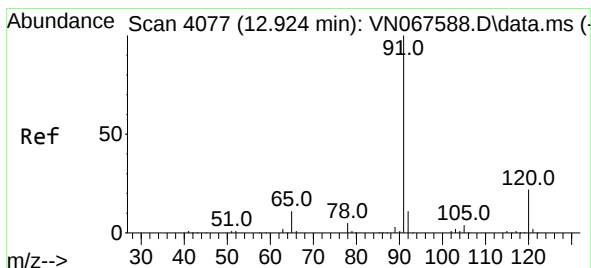
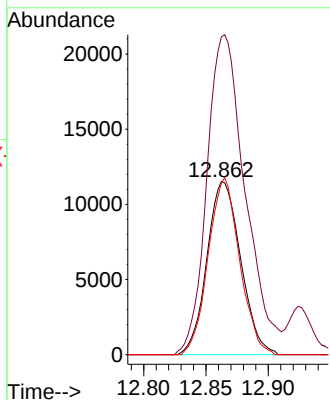
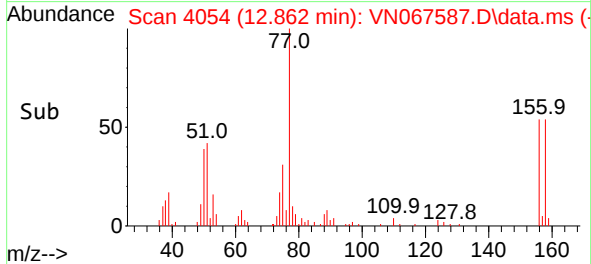




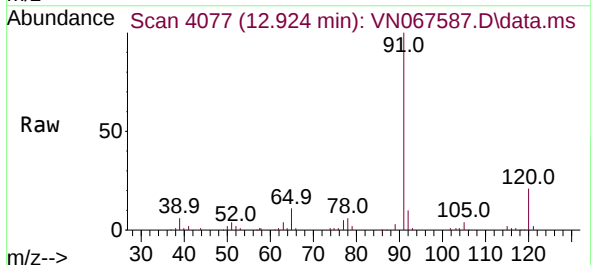
#73
Bromobenzene
Concen: 5.521 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



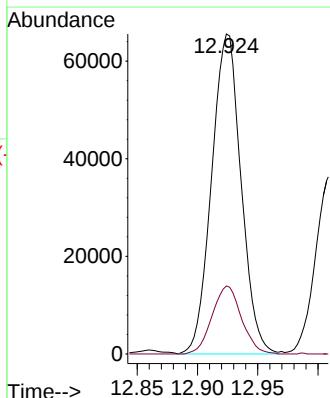
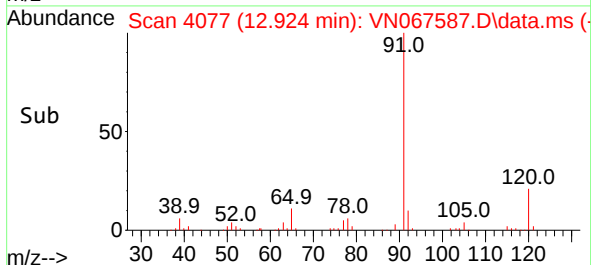
Tgt Ion:156 Resp: 21727
Ion Ratio Lower Upper
156 100
77 209.7 0.0 548.0
158 94.8 0.0 194.0



#74
n-propylbenzene
Concen: 5.091 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



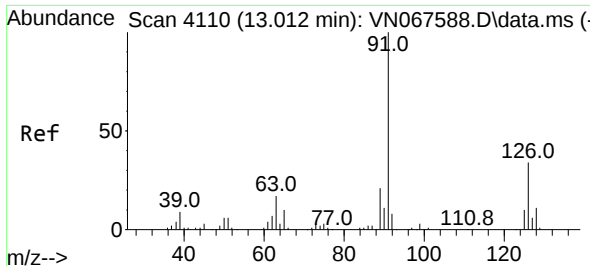
Tgt Ion: 91 Resp: 111393
Ion Ratio Lower Upper
91 100
120 21.2 0.0 41.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



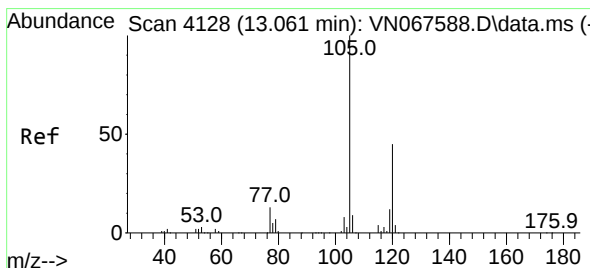
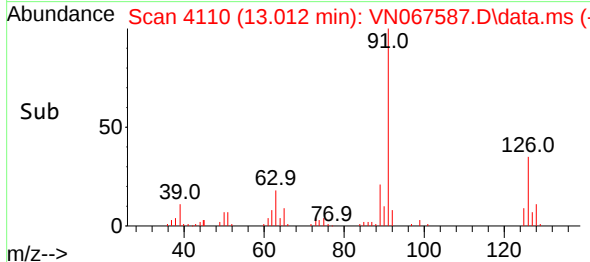
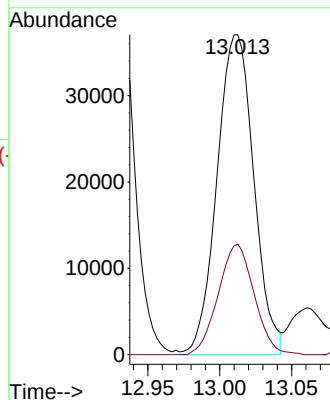
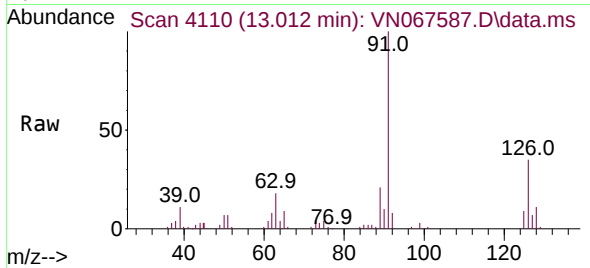
#75
2-Chlorotoluene
Concen: 4.797 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 91 Resp: 66032
Ion Ratio Lower Upper
91 100
126 33.7 0.0 0.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

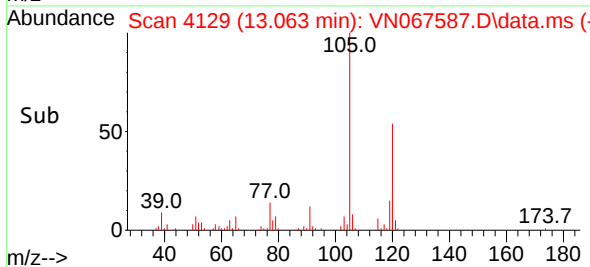
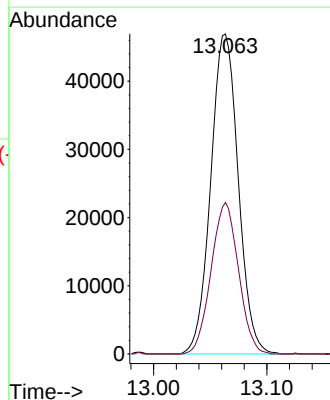
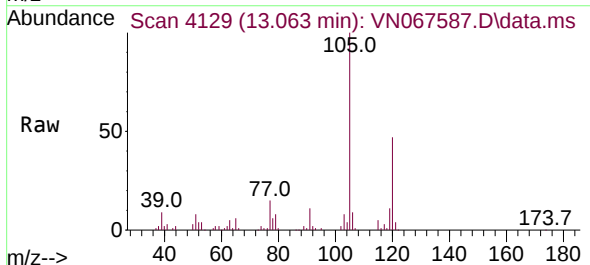
Manual Integrations
APPROVED

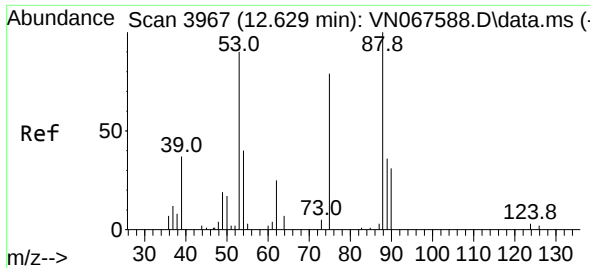
MMDadoda
7/5/2021 1:59:42 PM



#76
1,3,5-Trimethylbenzene
Concen: 5.058 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 105 Resp: 79102
Ion Ratio Lower Upper
105 100
120 47.1 0.0 90.2





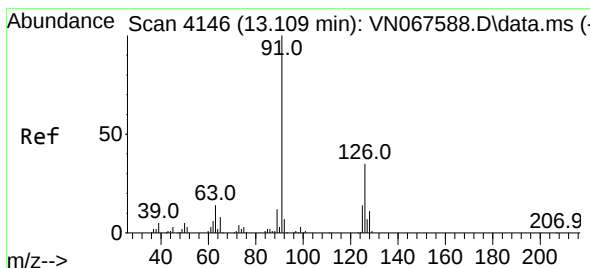
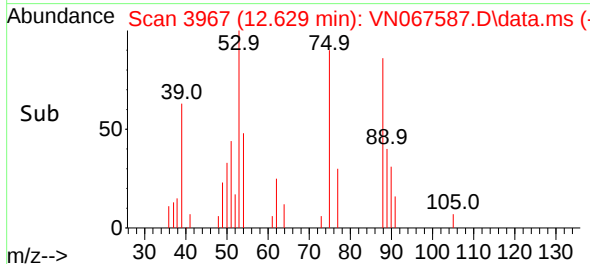
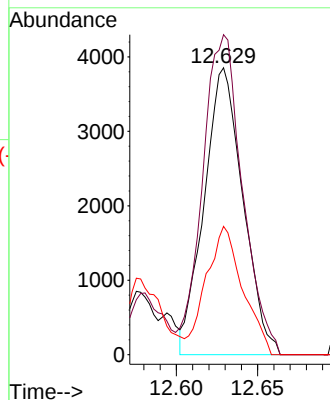
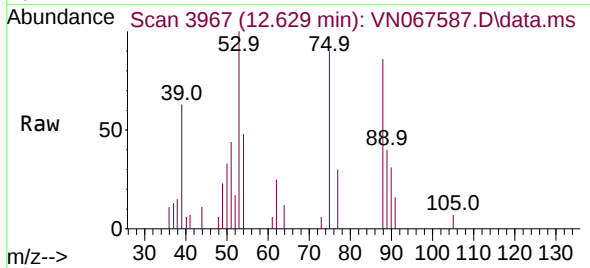
#77
t-1,4-Dichloro-2-butene
Concen: 3.615 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion: 75 Resp: 6404
Ion Ratio Lower Upper
75 100
53 111.5 55.2 165.6
89 44.8 24.5 73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

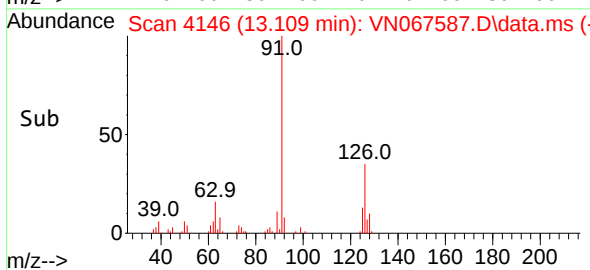
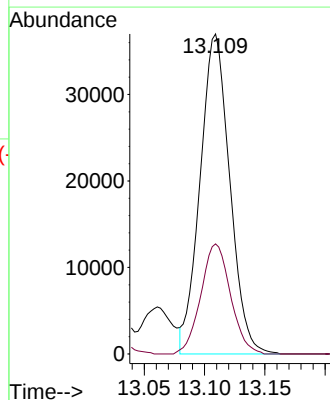
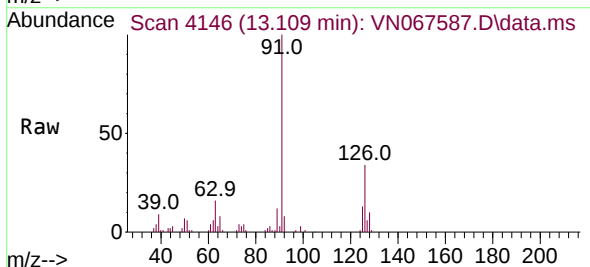
Manual Integrations
APPROVED

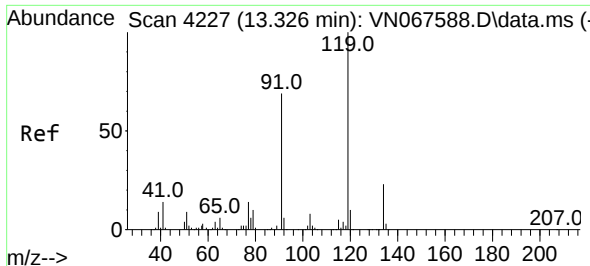
MMDadoda
7/5/2021 1:59:42 PM



#78
4-Chlorotoluene
Concen: 4.661 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

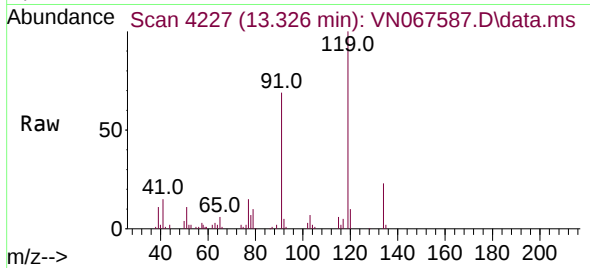
Tgt Ion: 91 Resp: 63378
Ion Ratio Lower Upper
91 100
126 34.4 0.0 57.6





#79
tert-butylbenzene
Concen: 5.277 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

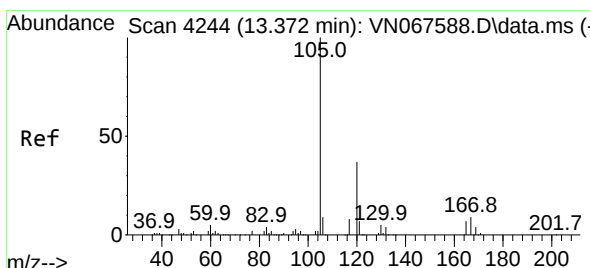
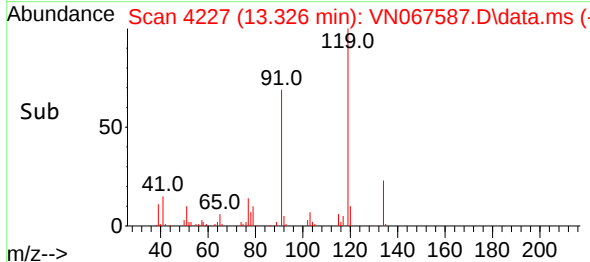
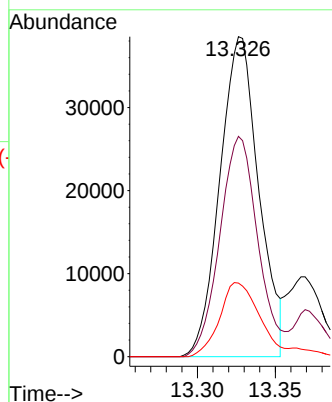
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.6	0.0	158.4
134	23.7	0.0	43.6

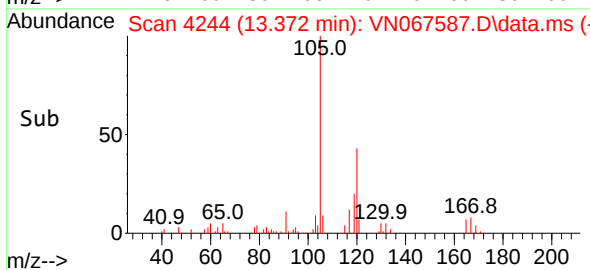
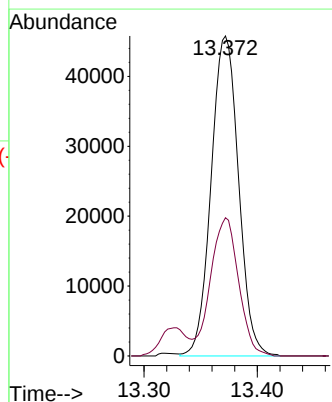
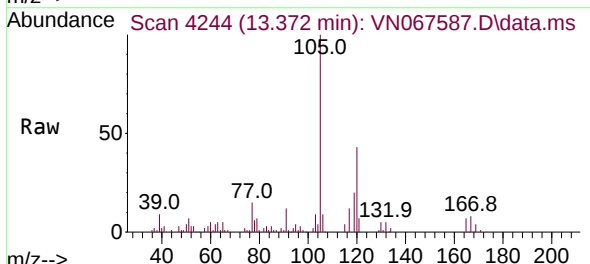
Manual Integrations
APPROVED

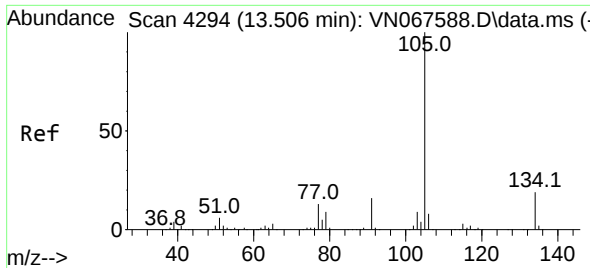
MMDadoda
7/5/2021 1:59:42 PM



#80
1,2,4-Trimethylbenzene
Concen: 5.003 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.0	0.4#





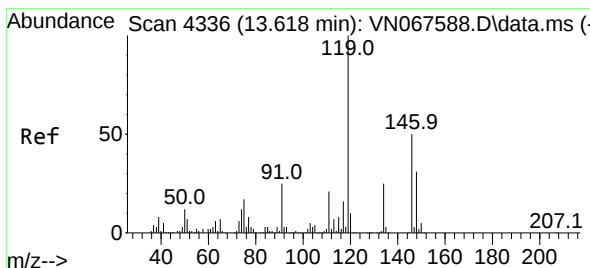
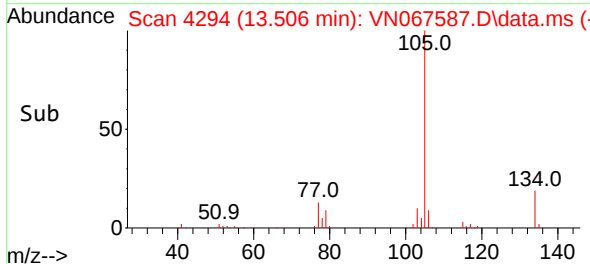
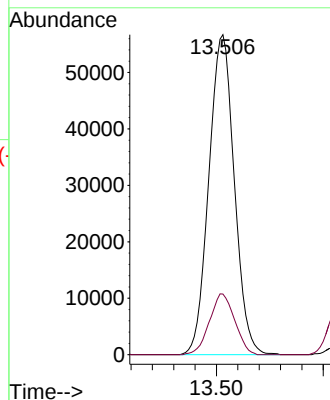
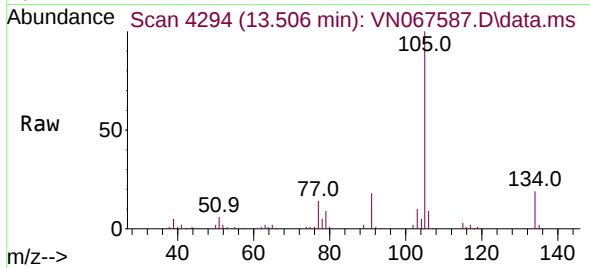
#81
 sec-Butylbenzene
 Concen: 5.328 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067587.D
 Acq: 1 Jul 2021 9:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 93758
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 35.4

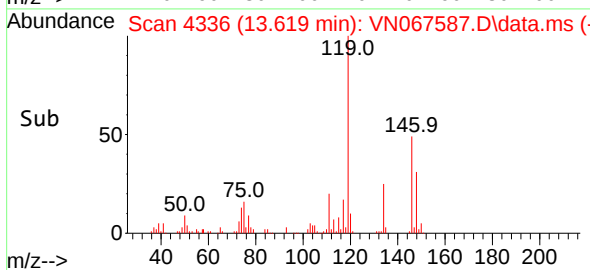
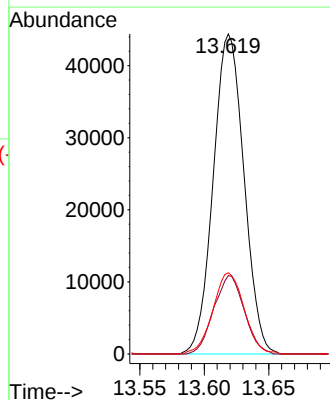
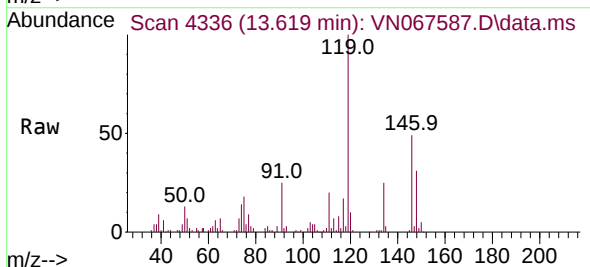
Manual Integrations
 APPROVED

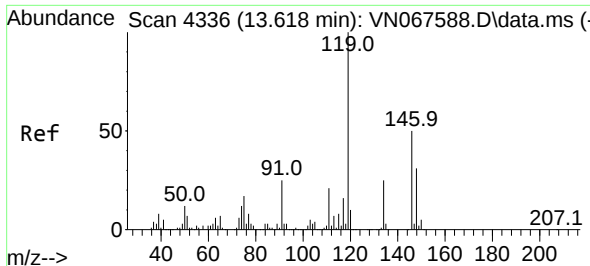
MMDadoda
 7/5/2021 1:59:42 PM



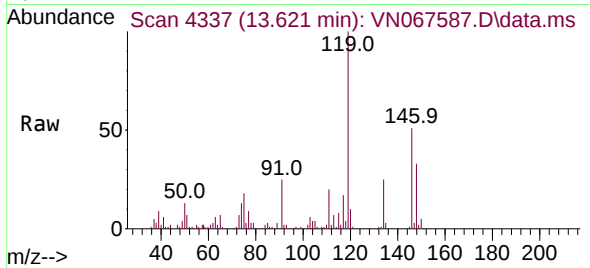
#82
 p-Isopropyltoluene
 Concen: 5.173 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067587.D
 Acq: 1 Jul 2021 9:37

Tgt Ion:119 Resp: 73445
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 49.0
 91 25.7 0.0 59.6

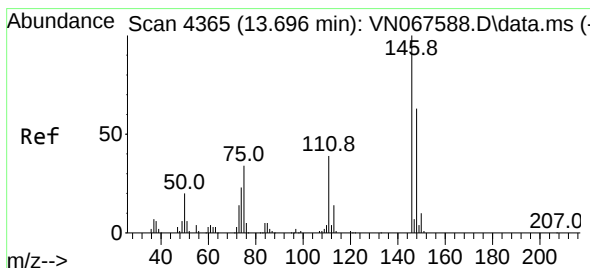
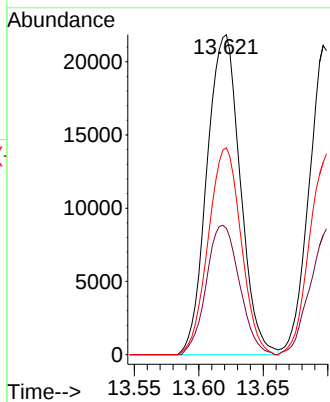
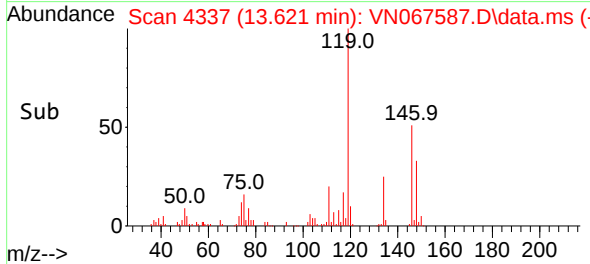




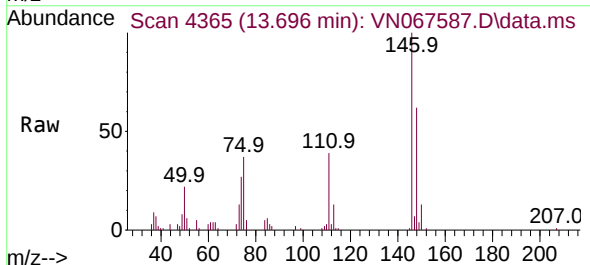
#83
1,3-Dichlorobenzene
Concen: 5.504 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



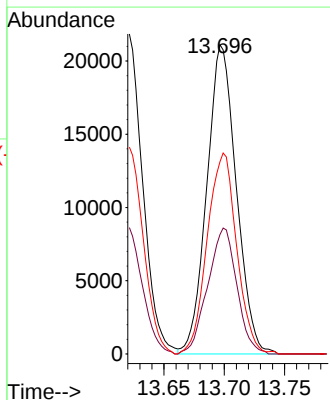
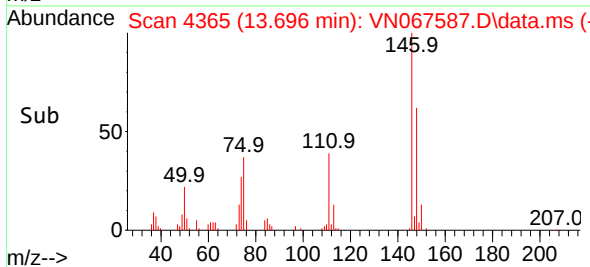
Tgt Ion:146 Resp: 39215
Ion Ratio Lower Upper
146 100
111 40.3 25.0 75.0
148 63.7 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 5.059 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



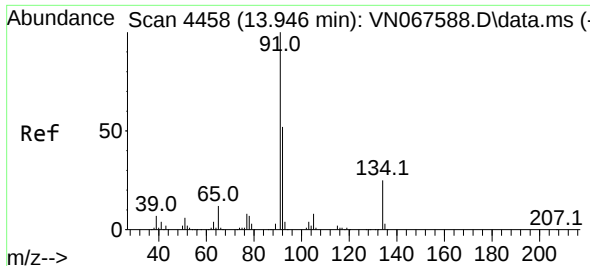
Tgt Ion:146 Resp: 35956
Ion Ratio Lower Upper
146 100
111 40.1 23.6 71.0
148 64.7 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

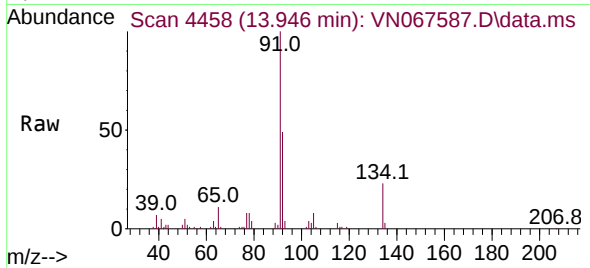
Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



#85
n-Butylbenzene
Concen: 4.853 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

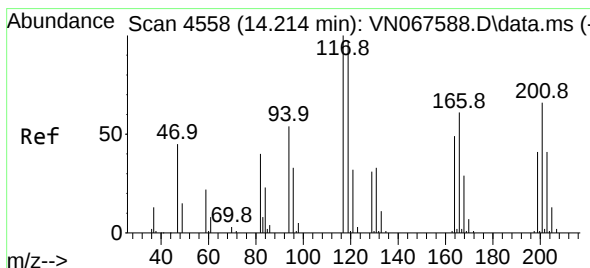
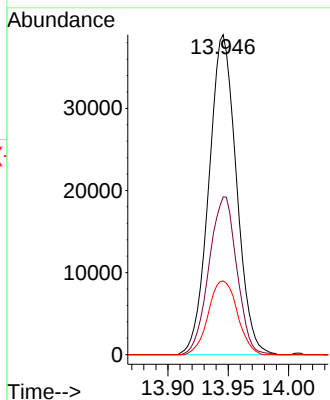
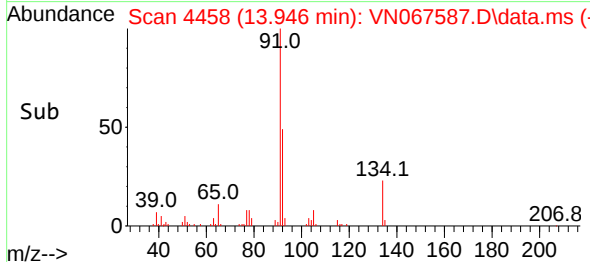
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



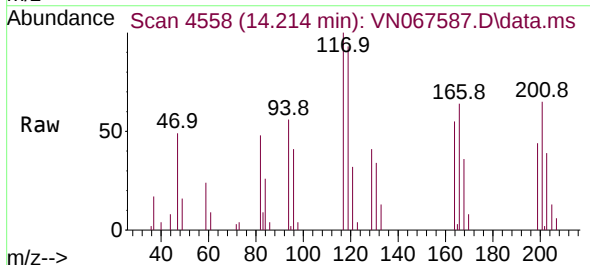
Tgt Ion: 91 Resp: 62015
Ion Ratio Lower Upper
91 100
92 49.8 0.0 103.0
134 24.2 0.0 43.6

Manual Integrations
APPROVED

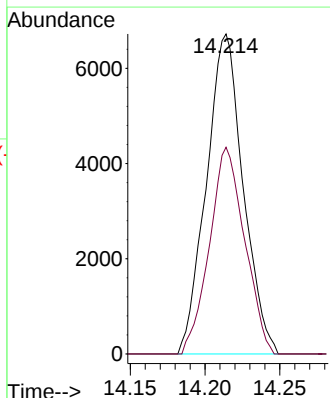
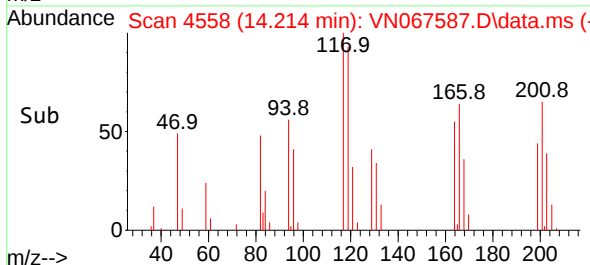
MMDadoda
7/5/2021 1:59:42 PM

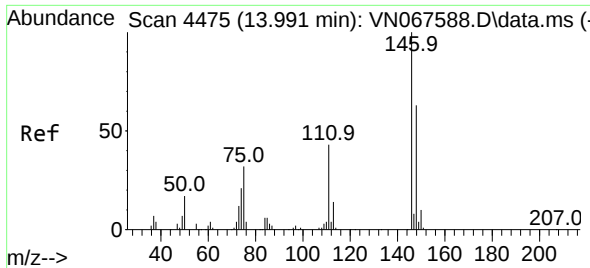


#86
Hexachloroethane
Concen: 4.170 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion: 117 Resp: 11509
Ion Ratio Lower Upper
117 100
201 61.8 33.3 99.9





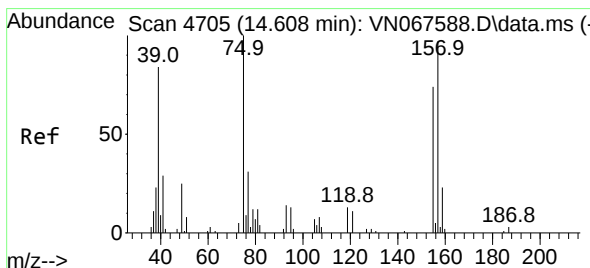
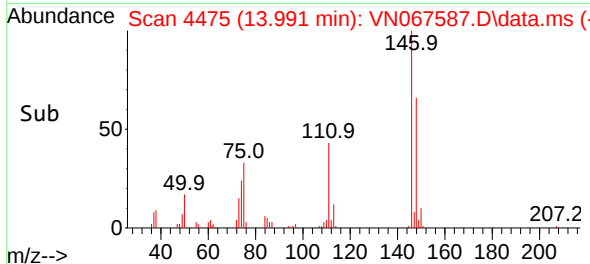
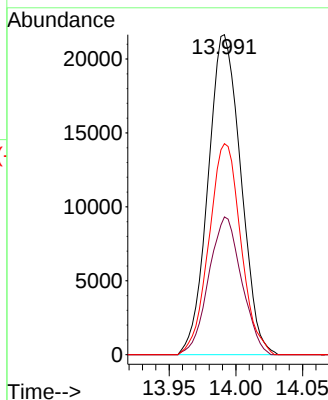
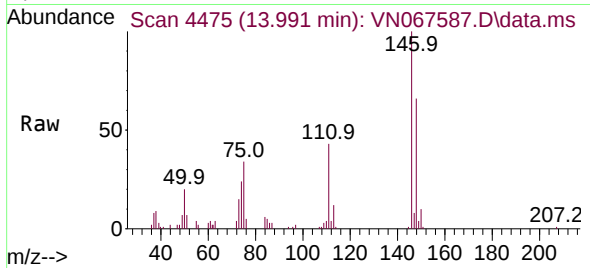
#87
1,2-Dichlorobenzene
Concen: 5.354 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	146	Resp:	36901
Ion Ratio	Lower	Upper	
146	100		
111	43.2	25.0	75.0
148	64.3	32.0	96.0

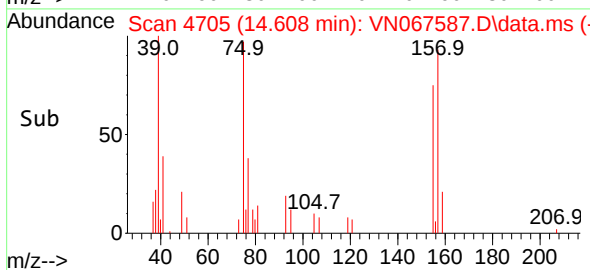
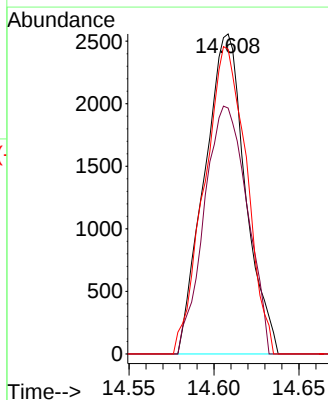
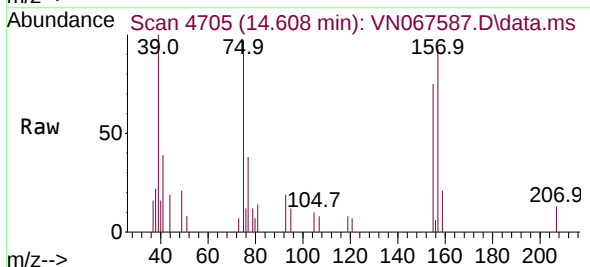
Manual Integrations
APPROVED

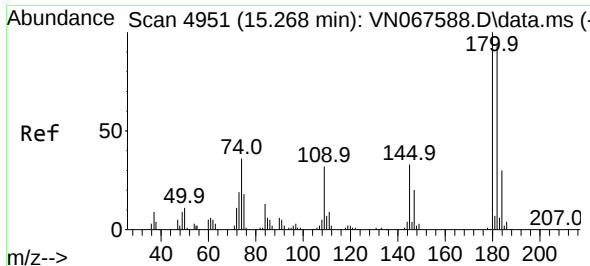
MMDadoda
7/5/2021 1:59:42 PM



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.337 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

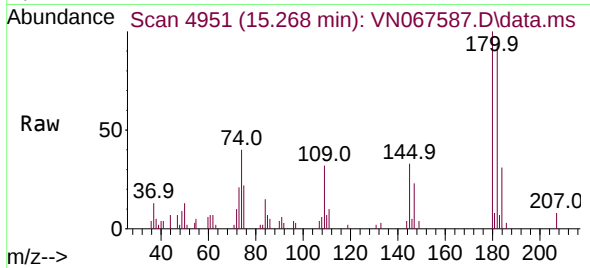
Tgt Ion:	75	Resp:	4293
Ion Ratio	Lower	Upper	
75	100		
155	81.2	45.3	67.9#
157	98.5	58.6	87.8#





#89
1,2,4-Trichlorobenzene
Concen: 4.219 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

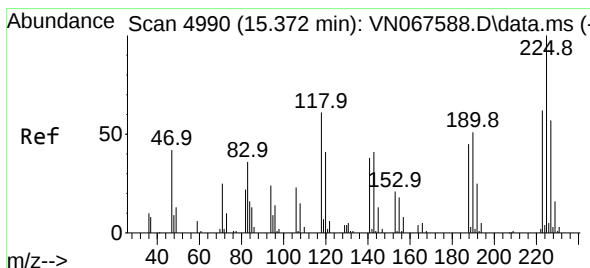
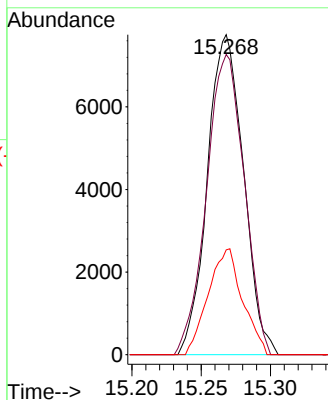
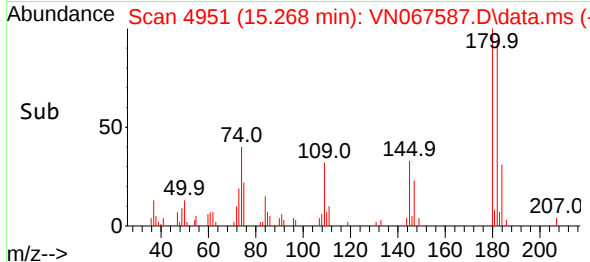
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



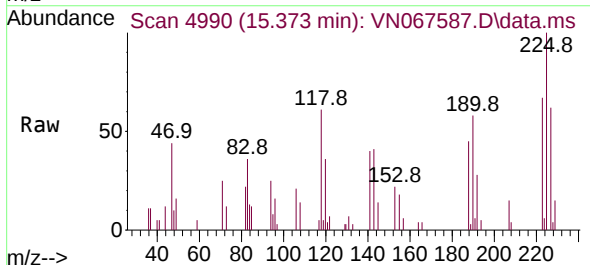
Tgt Ion:180 Resp: 14067
Ion Ratio Lower Upper
180 100
182 97.6 75.9 113.9
145 31.4 28.8 43.2

Manual Integrations
APPROVED

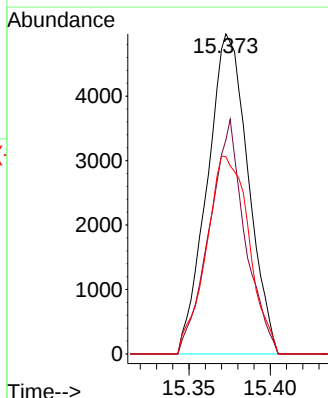
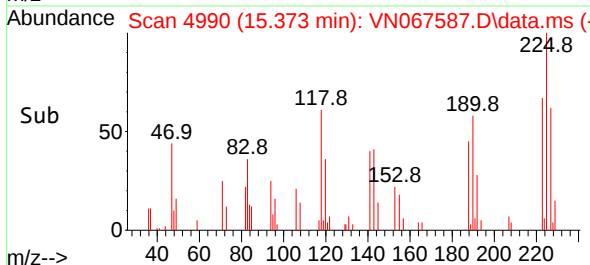
MMDadoda
7/5/2021 1:59:42 PM

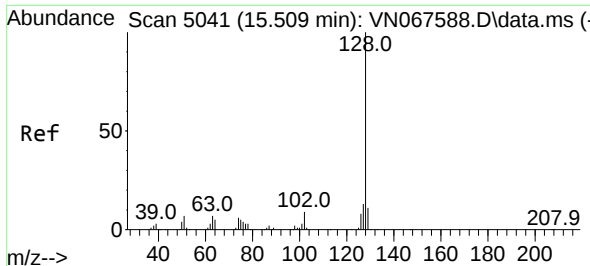


#90
Hexachlorobutadiene
Concen: 5.014 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



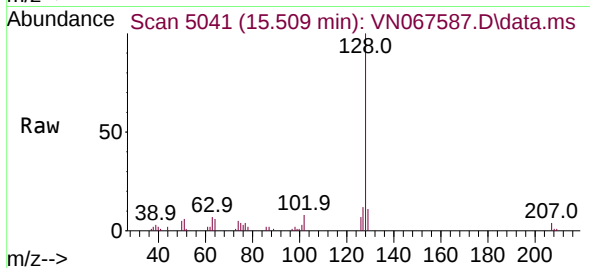
Tgt Ion:225 Resp: 8674
Ion Ratio Lower Upper
225 100
223 64.0 0.0 129.6
227 64.6 0.0 131.2





#91
Naphthalene
Concen: 3.335 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37

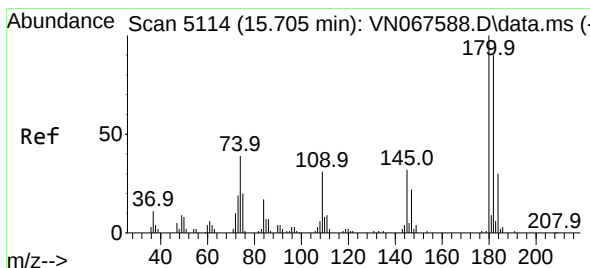
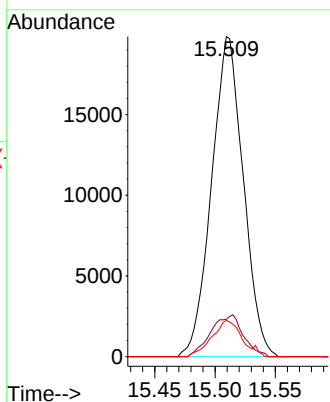
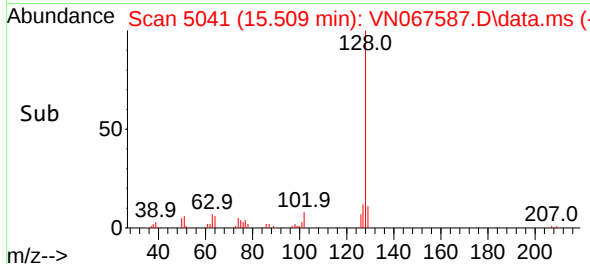
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



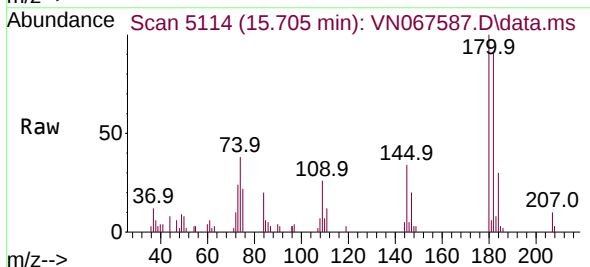
Tgt Ion:128 Resp: 36260
Ion Ratio Lower Upper
128 100
127 6.0 10.1 15.1#
129 10.3 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:59:42 PM



#92
1,2,3-Trichlorobenzene
Concen: 4.081 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.000 min
Lab File: VN067587.D
Acq: 1 Jul 2021 9:37



Tgt Ion:180 Resp: 13232
Ion Ratio Lower Upper
180 100
182 98.1 0.0 184.6
145 34.8 0.0 76.0

