

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067719.D
 Acq On : 13 Jul 2021 16:04
 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
 7/16/2021 10:42:27 AM

Quant Time: Jul 14 01:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:07:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	63526	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	386380	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	350441	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	171161	33.716	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.400%#			
60) 4-Bromofluorobenzene	12.733	95	160123	28.425	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.767%			
63) Toluene-d8	10.443	98	502991	31.333	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	18078	5.546	ug/l	98
3) Chloromethane	2.301	50	24983	6.141	ug/l	99
4) Vinyl Chloride	2.443	62	39186	6.260	ug/l	98
5) Bromomethane	2.856	94	35194	6.693	ug/l	92
6) Chloroethane	3.019	64	30279	6.557	ug/l	98
7) Trichlorofluoromethane	3.371	101	73528	6.241	ug/l	99
8) Diethyl Ether	3.819	74	12518	5.749	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	19744m	5.808	ug/l	
10) 1,1-Dichloroethene	4.167	96	17785m	5.616	ug/l	
11) Methyl Iodide	4.417	142	20763	5.066	ug/l	98
12) Methyl Acetate	4.865	43	25461	6.005	ug/l	97
13) Acrolein	4.041	56	15434	31.480	ug/l #	45
14) Acrylonitrile	5.554	53	49531	27.047	ug/l	99
15) Acetone	4.296	58	14153m	28.631	ug/l	
16) Carbon Disulfide	4.527	76	46606	5.563	ug/l	97
17) Allyl chloride	4.835	41	29588	5.478	ug/l	97
18) Methylene Chloride	5.090	84	30797	7.467	ug/l	94
19) trans-1,2-Dichloroethene	5.591	96	20368	5.494	ug/l	97
20) Diisopropyl ether	6.501	45	68264	5.379	ug/l	96
21) 1,1-Dichloroethane	6.388	63	40204	5.728	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	25340	5.643	ug/l	95
23) tert-Butyl Alcohol	5.380	59	19139m	26.625	ug/l	
24) Methyl tert-Butyl Ether	5.618	73	69444m	5.478	ug/l	
25) Chloroform	7.823	83	43592	5.605	ug/l	97
26) Cyclohexane	8.094	56	34593	5.635	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	31025	5.172	ug/l	98
30) 2-Butanone	7.343	43	72054	25.665	ug/l #	74
31) 2,2-Dichloropropane	7.321	77	34011m	4.951	ug/l	
32) 1,1,1-Trichloroethane	8.011	97	38348	5.199	ug/l	97
33) Carbon Tetrachloride	8.206	117	31206	4.961	ug/l	90
34) Benzene	8.461	78	91789	5.092	ug/l #	88
35) Methacrylonitrile	7.646	41	15114	5.270	ug/l	98
36) 1,2-Dichloroethane	8.534	62	35719	5.389	ug/l #	89
37) Trichloroethene	9.217	130	24180	5.127	ug/l	97
38) Methylcyclohexane	9.459	83	34458	5.123	ug/l	87
39) 1,2-Dichloropropane	9.491	63	23974	5.281	ug/l	99
40) Dibromomethane	9.579	93	16431	4.928	ug/l	95
41) Bromodichloromethane	9.762	83	31029	4.804	ug/l	99
42) Vinyl Acetate	6.436	43	246966	21.982	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067719.D
 Acq On : 13 Jul 2021 16:04
 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
 7/16/2021 10:42:27 AM

Quant Time: Jul 14 01:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:07:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	27468	4.686	ug/l #	79
44) Isopropyl Acetate	8.566	43	52136	5.149	ug/l #	88
45) 1,4-Dioxane	9.571	88	7395	94.140	ug/l	93
46) Methyl methacrylate	9.563	41	21486	4.868	ug/l	95
47) n-amyl Acetate	12.393	43	34985	4.158	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	29829	4.241	ug/l	97
49) cis-1,3-Dichloropropene	10.194	75	34071	4.609	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	23414	5.001	ug/l	95
51) Ethyl methacrylate	10.765	69	31830	4.359	ug/l	97
52) 1,3-Dichloropropane	11.047	76	38136	4.935	ug/l	97
53) Dibromochloromethane	11.240	129	20004	4.024	ug/l	99
54) 1,2-Dibromoethane	11.347	107	22817	4.687	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	27296	17.892	ug/l	98
56) Bromoform	12.463	173	11953	3.435	ug/l #	98
58) 4-Methyl-2-Pentanone	10.333	43	153733	25.887	ug/l	100
59) 2-Hexanone	11.089	43	105834	25.272	ug/l	98
61) Tetrachloroethene	10.979	164	23495	5.423	ug/l	94
62) Toluene	10.505	91	111966	5.504	ug/l	98
64) Chlorobenzene	11.773	112	63030	5.138	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.843	131	21226	4.652	ug/l	99
66) Ethyl Benzene	11.846	91	114663	5.092	ug/l	96
67) m/p-Xylenes	11.956	106	84449	9.805	ug/l	97
68) o-Xylene	12.283	106	41329	4.853	ug/l	100
69) Styrene	12.296	104	62942	4.507	ug/l	98
70) Isopropylbenzene	12.583	105	103815	4.727	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.827	83	29479	4.738	ug/l	95
72) 1,2,3-Trichloropropane	12.884	75	24432m	4.596	ug/l	
73) Bromobenzene	12.862	156	23009	4.559	ug/l	99
74) n-propylbenzene	12.924	91	118564	4.738	ug/l	99
75) 2-Chlorotoluene	13.010	91	73062	4.862	ug/l	98
76) 1,3,5-Trimethylbenzene	13.063	105	83509	4.598	ug/l	100
77) t-1,4-Dichloro-2-butene	12.632	75	6123	3.405	ug/l	92
78) 4-Chlorotoluene	13.106	91	70155	4.710	ug/l	98
79) tert-butylbenzene	13.326	119	70906	4.606	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	82091	4.592	ug/l #	81
81) sec-Butylbenzene	13.503	105	98261	4.598	ug/l	100
82) p-Isopropyltoluene	13.619	119	77497	4.352	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	40386	4.283	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	39469	4.323	ug/l	97
85) n-Butylbenzene	13.946	91	67203	4.555	ug/l	98
86) Hexachloroethane	14.211	117	11762	3.868	ug/l	98
87) 1,2-Dichlorobenzene	13.989	146	39643	4.444	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	4918	4.353	ug/l	90
89) 1,2,4-Trichlorobenzene	15.265	180	15368	3.657	ug/l	100
90) Hexachlorobutadiene	15.370	225	9173	4.586	ug/l	99
91) Naphthalene	15.509	128	44830	3.898	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	15624	3.908	ug/l	97

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

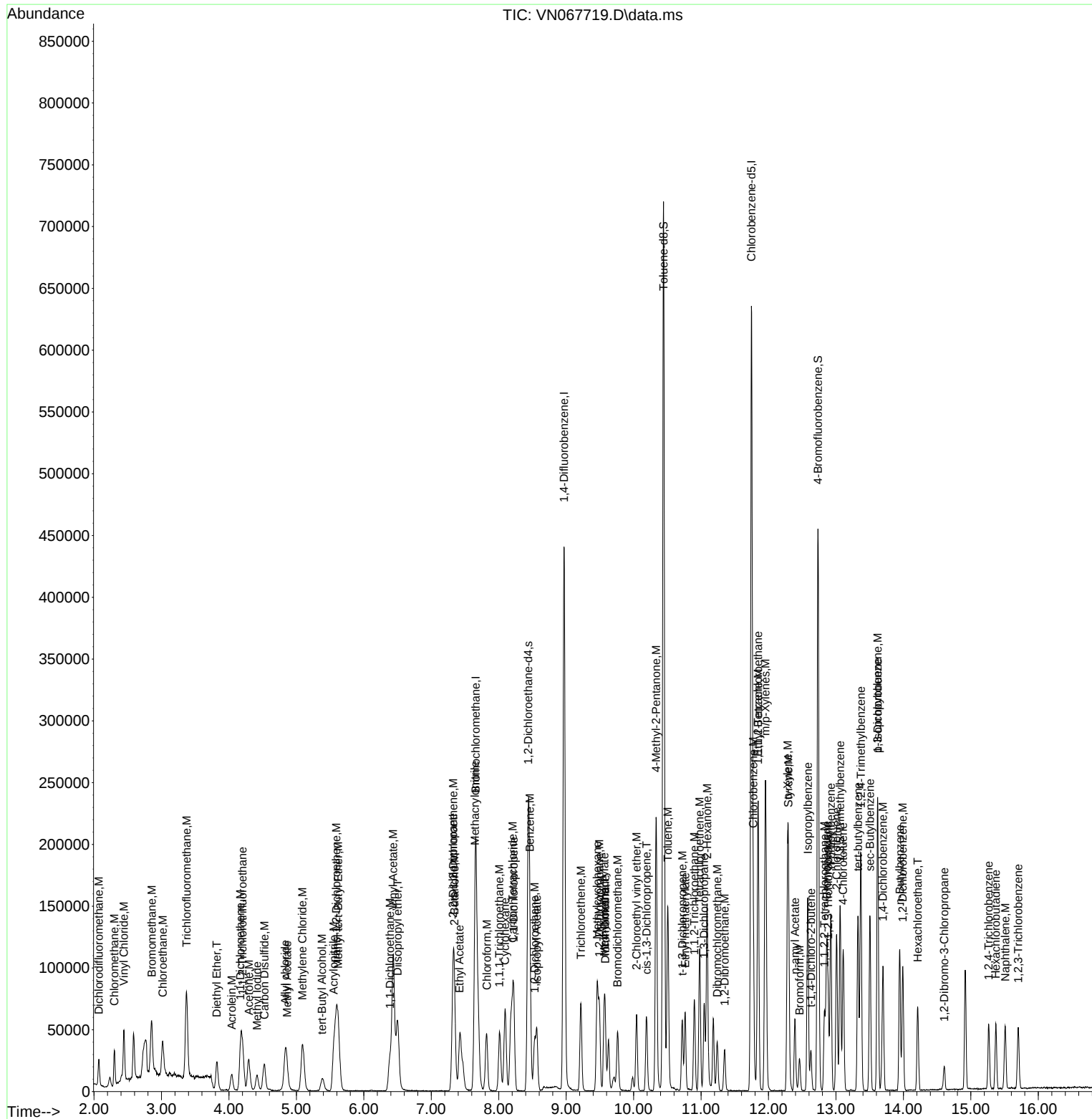
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067719.D
Acq On : 13 Jul 2021 16:04
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

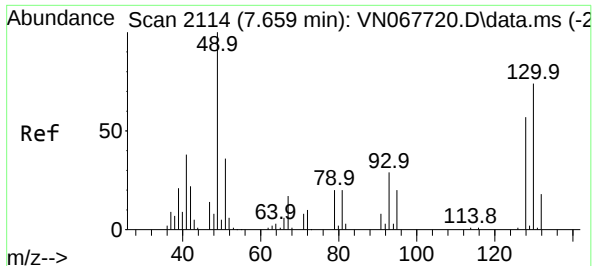
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM

Quant Time: Jul 14 01:07:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:07:13 2021
Response via : Initial Calibration





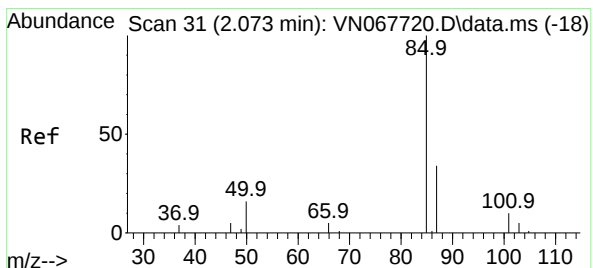
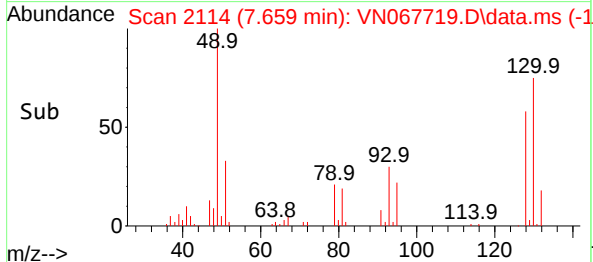
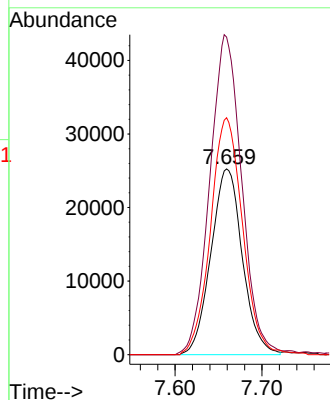
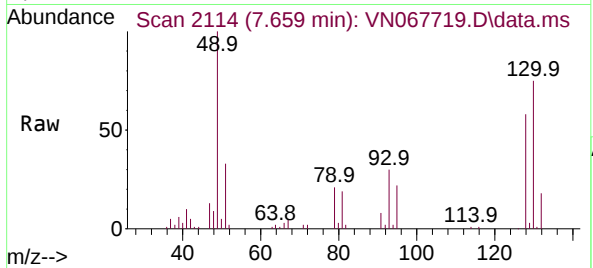
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:128 Resp: 63526
Ion Ratio Lower Upper
128 100
49 174.4 0.0 433.0
130 129.2 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

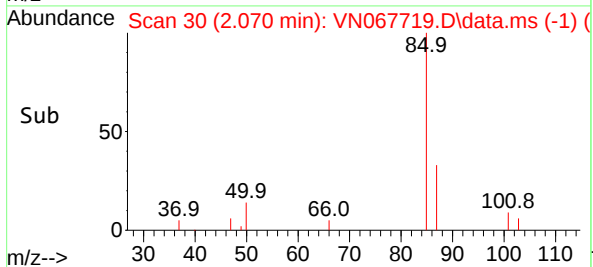
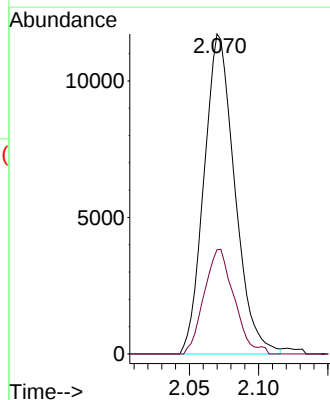
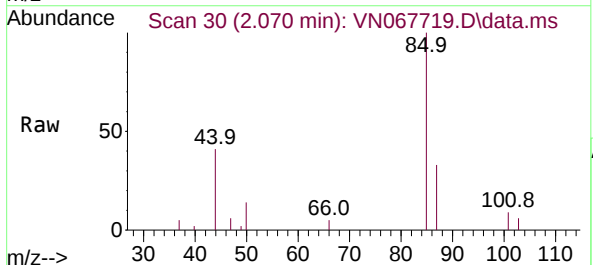
Manual Integrations
APPROVED

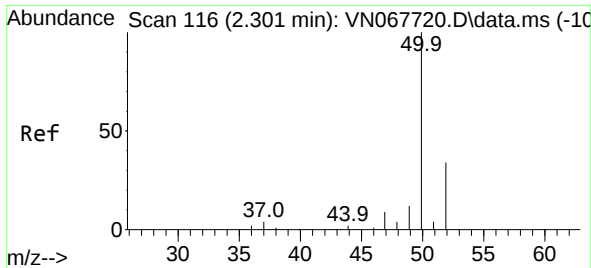
MMDadoda
7/16/2021 10:42:27 AM



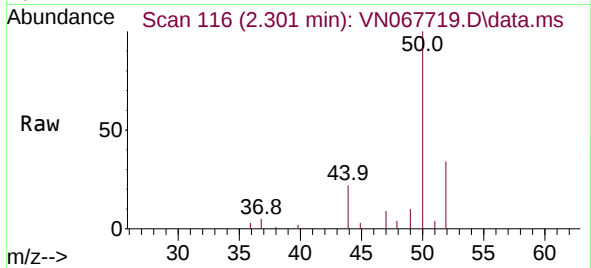
#2
Dichlorodifluoromethane
Concen: 5.546 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 85 Resp: 18078
Ion Ratio Lower Upper
85 100
87 32.5 17.0 50.9

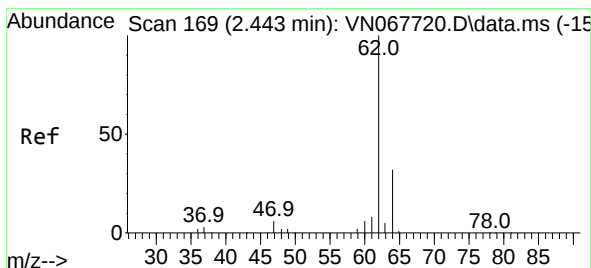
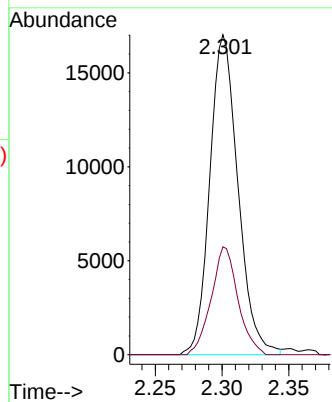
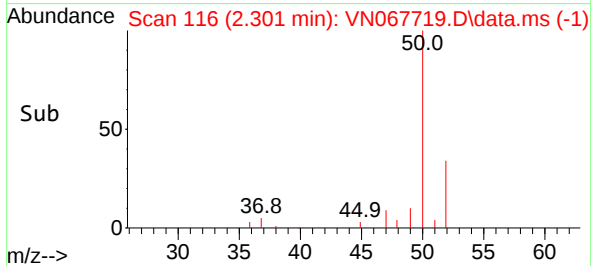




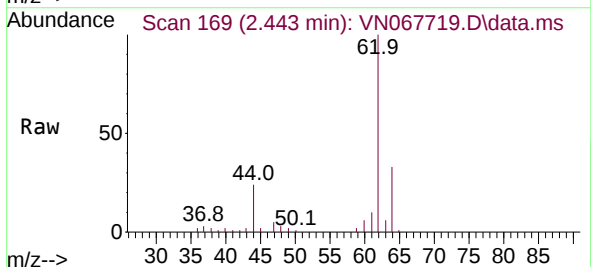
#3
Chloromethane
Concen: 6.141 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



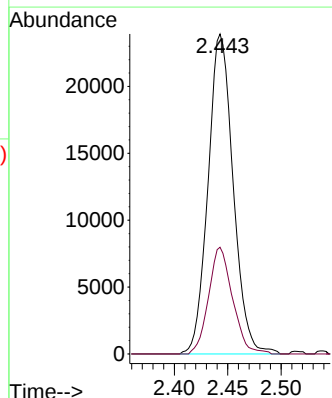
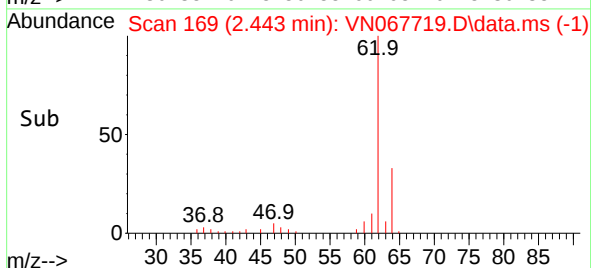
Tgt Ion: 50 Resp: 24983
Ion Ratio Lower Upper
50 100
52 33.7 27.2 40.8



#4
Vinyl Chloride
Concen: 6.260 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



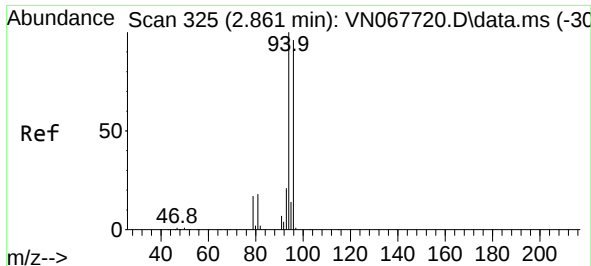
Tgt Ion: 62 Resp: 39186
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



#5

Bromomethane

Concen: 6.693 ug/l

RT: 2.856 min Scan# 323

Delta R.T. -0.006 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion: 94 Resp: 35194

Ion Ratio Lower Upper

94 100

96 88.2 76.9 115.3

Instrument :

MSVOA_N

ClientSampleId :

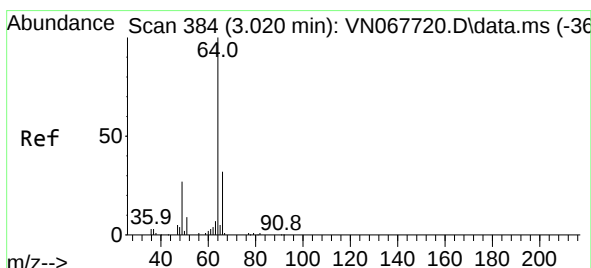
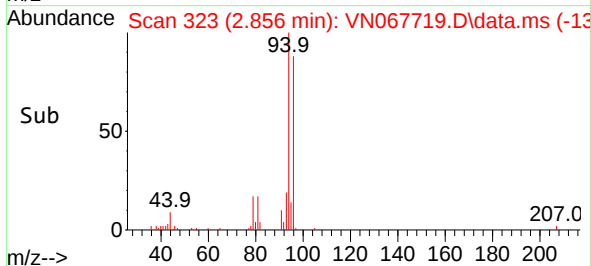
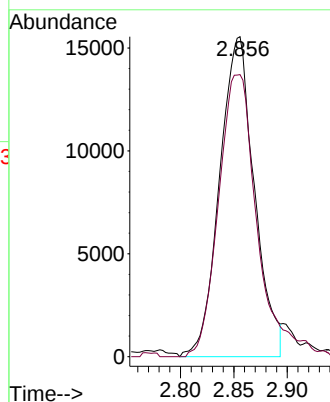
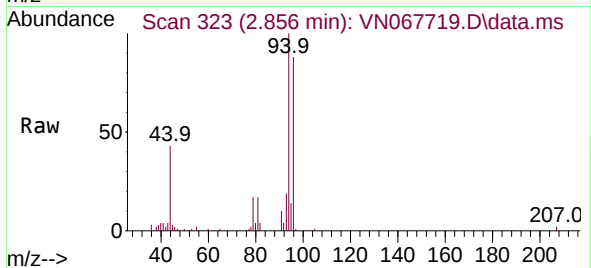
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:27 AM



#6

Chloroethane

Concen: 6.557 ug/l

RT: 3.019 min Scan# 384

Delta R.T. -0.000 min

Lab File: VN067719.D

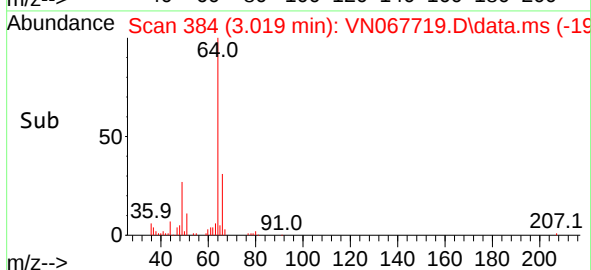
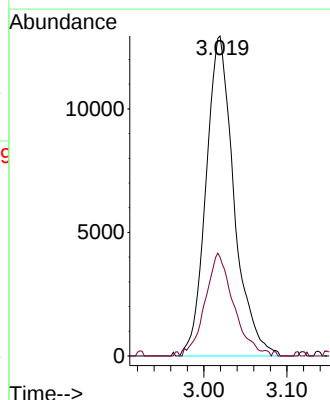
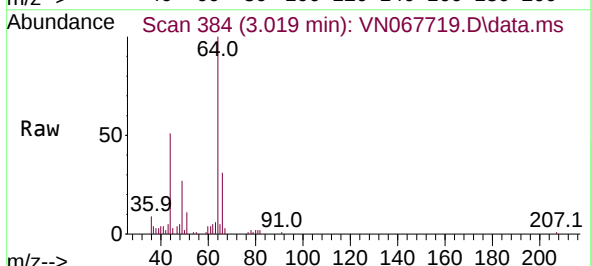
Acq: 13 Jul 2021 16:04

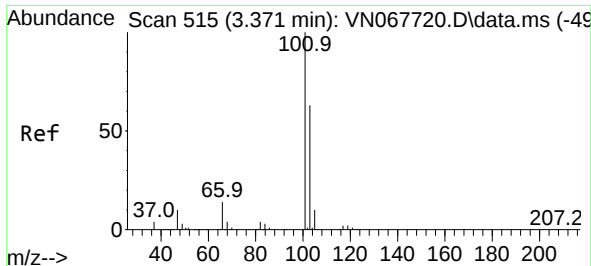
Tgt Ion: 64 Resp: 30279

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.0





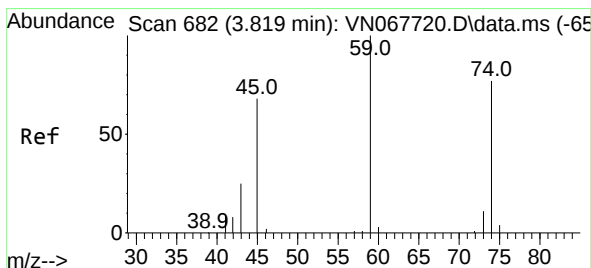
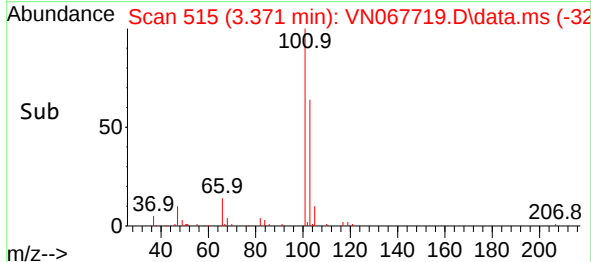
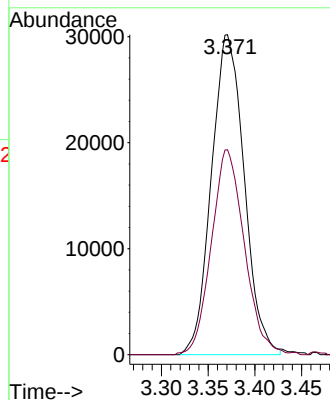
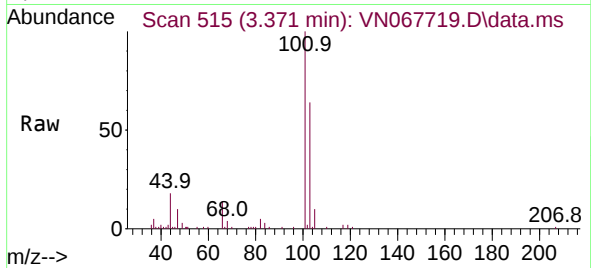
#7
Trichlorofluoromethane
Concen: 6.241 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:101 Resp: 73528
Ion Ratio Lower Upper
101 100
103 63.4 50.3 75.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

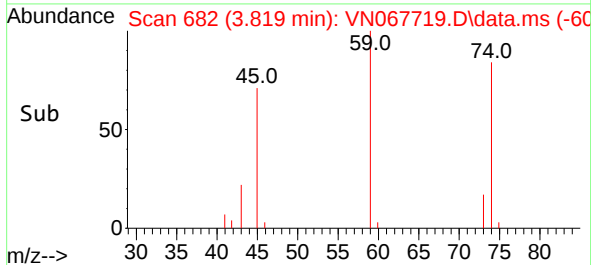
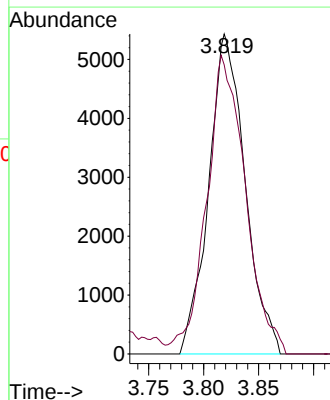
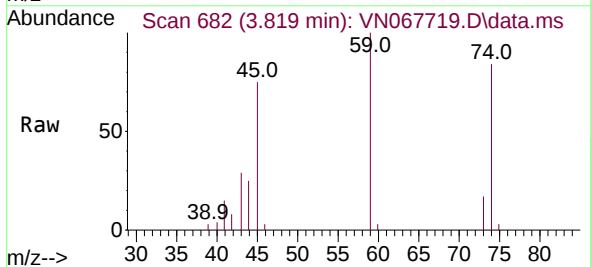
Manual Integrations
APPROVED

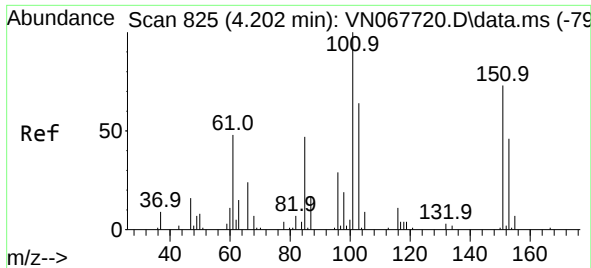
MMDadoda
7/16/2021 10:42:27 AM



#8
Diethyl Ether
Concen: 5.749 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 74 Resp: 12518
Ion Ratio Lower Upper
74 100
45 99.3 17.5 157.1





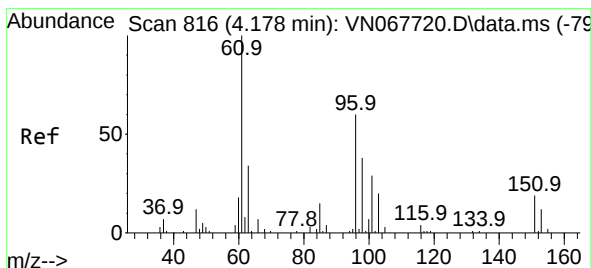
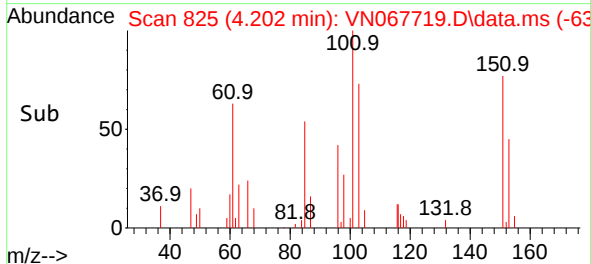
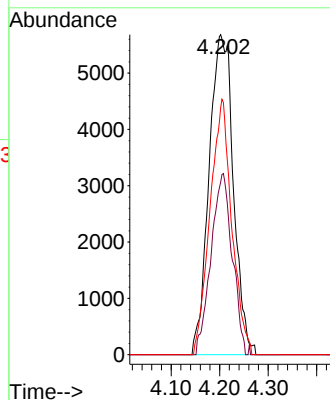
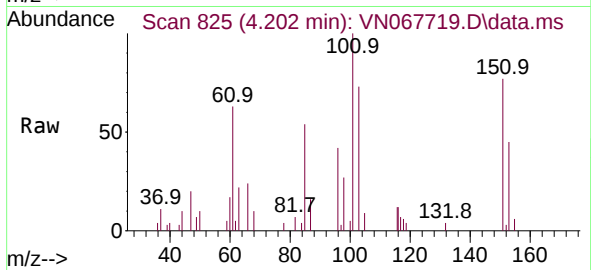
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.808 ug/l m
 RT: 4.202 min Scan# 825
 Delta R.T. -0.000 min
 Lab File: VN067719.D
 Acq: 13 Jul 2021 16:04

Tgt Ion:	101	Resp:	19744
Ion Ratio	Lower	Upper	
101	100		
85	49.3	0.0	98.0
151	71.7	0.0	143.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

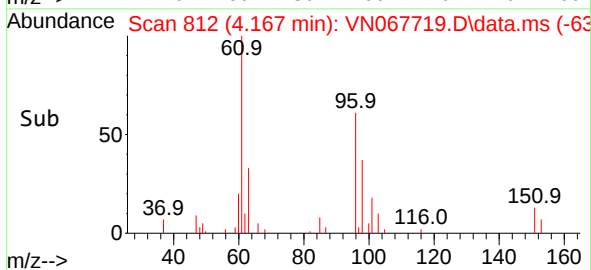
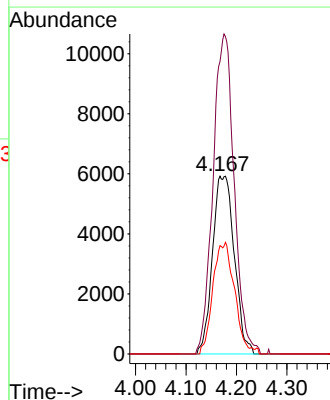
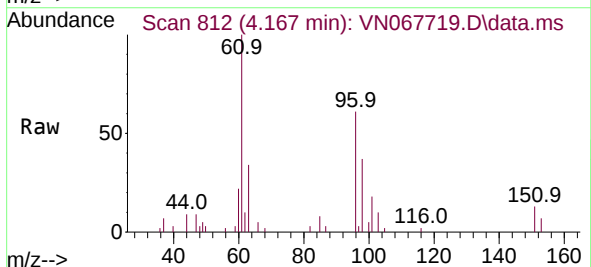
Manual Integrations
 APPROVED

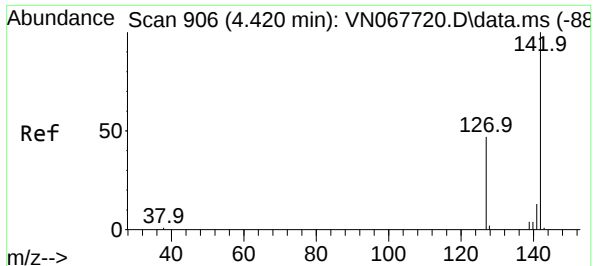
MMDadoda
 7/16/2021 10:42:27 AM



#10
 1,1-Dichloroethene
 Concen: 5.616 ug/l m
 RT: 4.167 min Scan# 812
 Delta R.T. -0.011 min
 Lab File: VN067719.D
 Acq: 13 Jul 2021 16:04

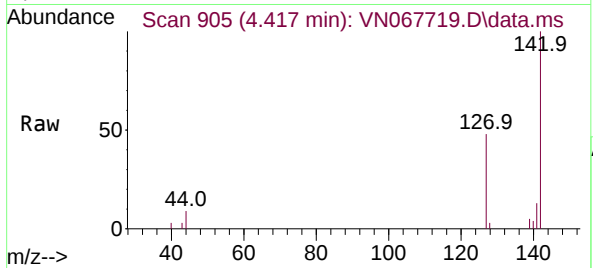
Tgt Ion:	96	Resp:	17785
Ion Ratio	Lower	Upper	
96	100		
61	164.7	133.9	200.9
98	60.9	50.5	75.7





#11
Methyl Iodide
Concen: 5.066 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

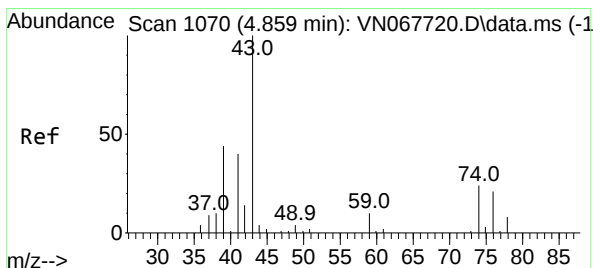
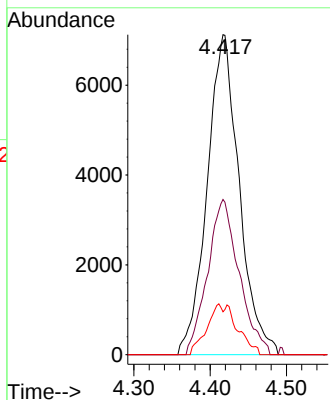
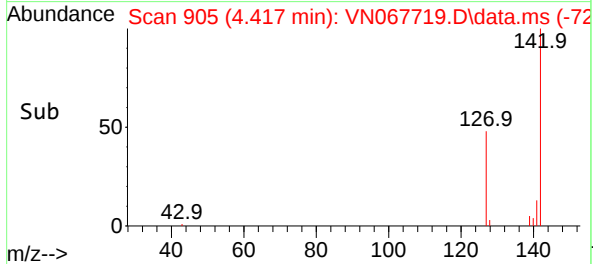
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



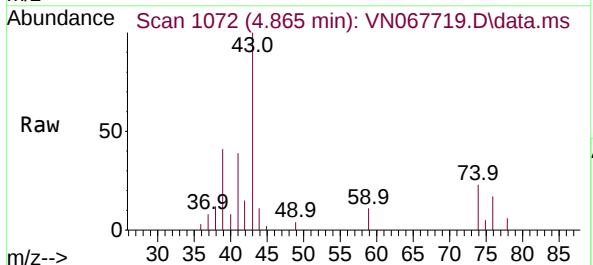
Tgt Ion:142 Resp: 20763
Ion Ratio Lower Upper
142 100
127 48.5 23.4 70.2
141 13.4 6.7 20.0

Manual Integrations
APPROVED

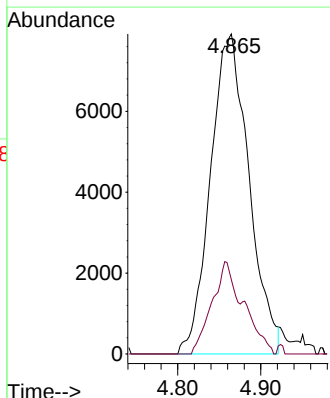
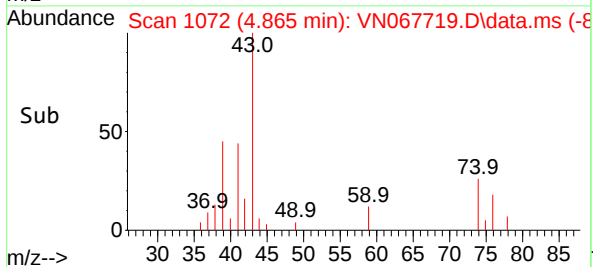
MMDadoda
7/16/2021 10:42:27 AM

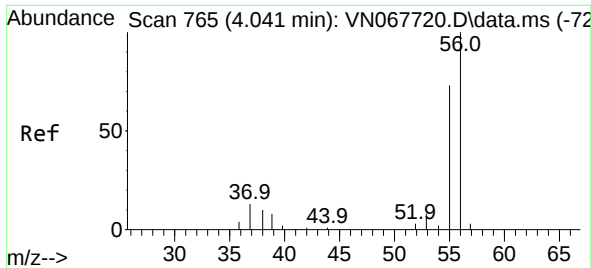


#12
Methyl Acetate
Concen: 6.005 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.005 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



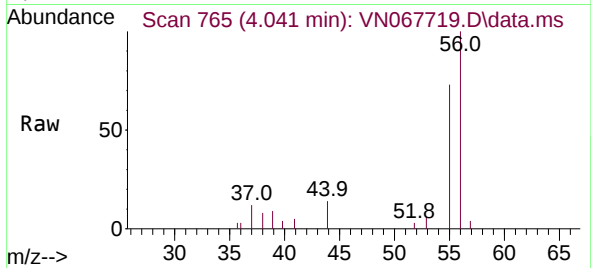
Tgt Ion: 43 Resp: 25461
Ion Ratio Lower Upper
43 100
74 23.0 19.8 29.6





#13
Acrolein
Concen: 31.480 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

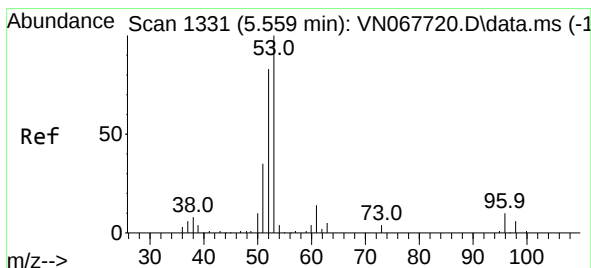
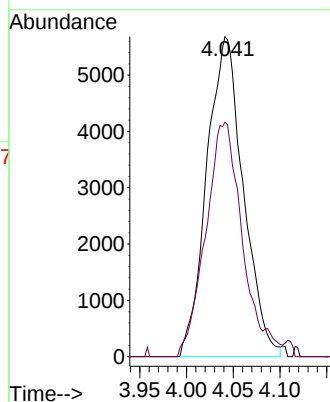
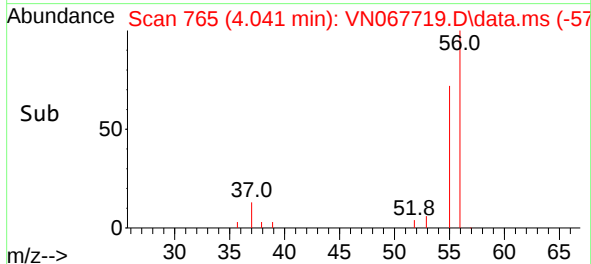
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



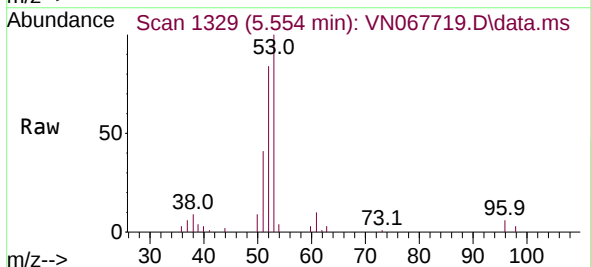
Tgt Ion: 56 Resp: 15434
Ion Ratio Lower Upper
56 100
55 70.9 0.2 0.2#

Manual Integrations
APPROVED

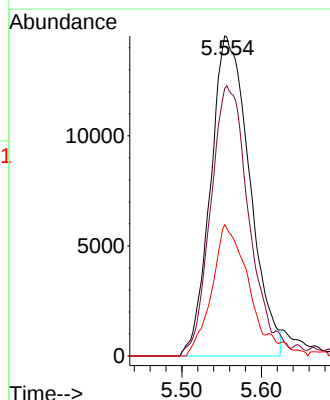
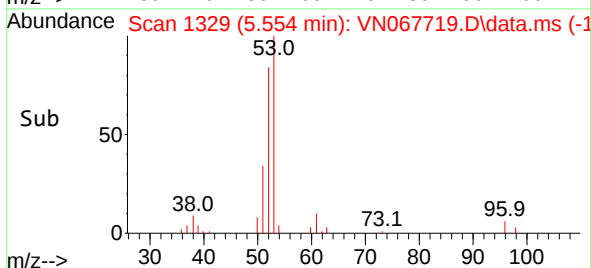
MMDadoda
7/16/2021 10:42:27 AM

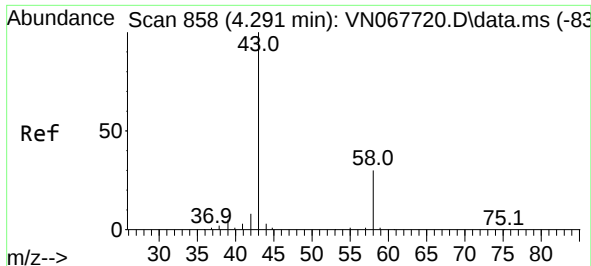


#14
Acrylonitrile
Concen: 27.047 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.005 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



Tgt Ion: 53 Resp: 49531
Ion Ratio Lower Upper
53 100
52 81.1 41.3 123.7
51 36.5 18.4 55.0





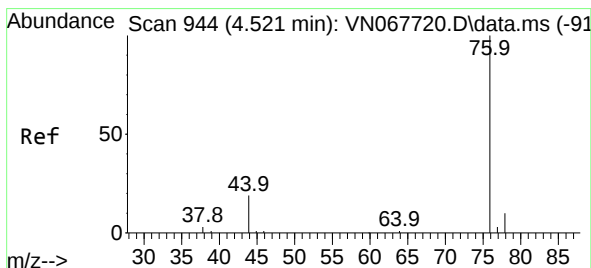
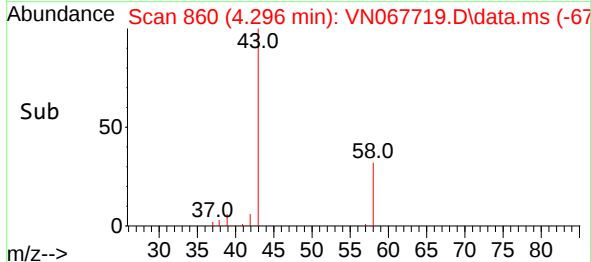
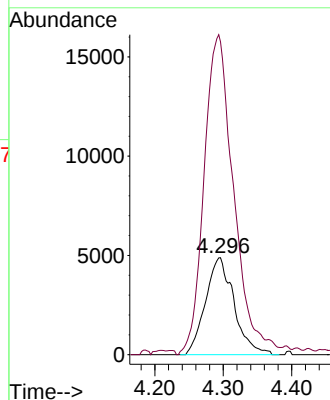
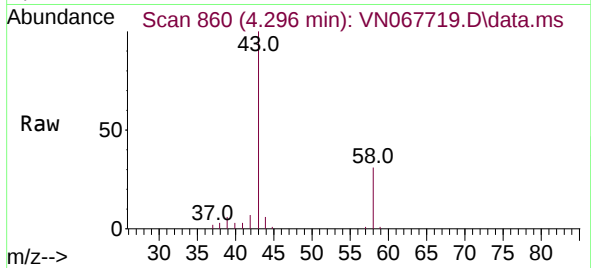
#15
Acetone
Concen: 28.631 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 58 Resp: 14153
Ion Ratio Lower Upper
58 100
43 322.8 268.2 402.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

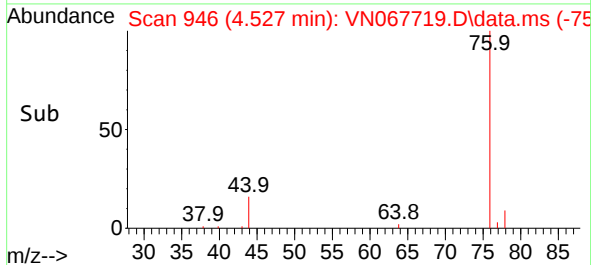
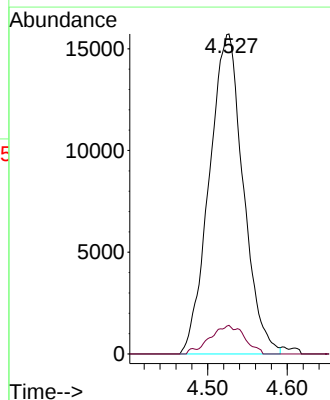
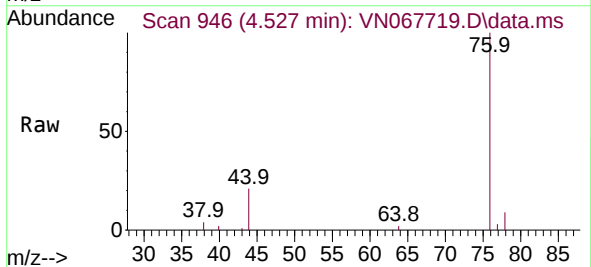
Manual Integrations
APPROVED

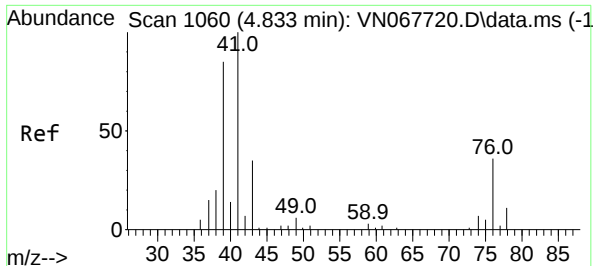
MMDadoda
7/16/2021 10:42:27 AM



#16
Carbon Disulfide
Concen: 5.563 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.005 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 76 Resp: 46606
Ion Ratio Lower Upper
76 100
78 9.0 7.9 11.9





#17

Allyl chloride

Concen: 5.478 ug/l

RT: 4.835 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VN067719.D

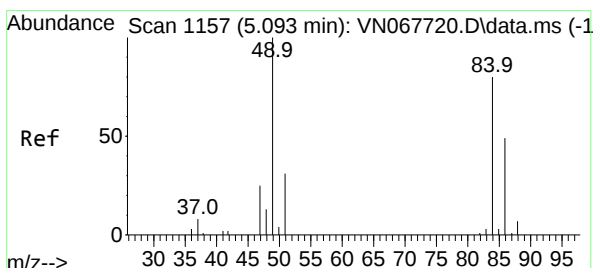
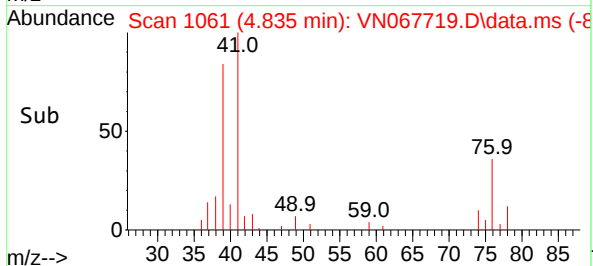
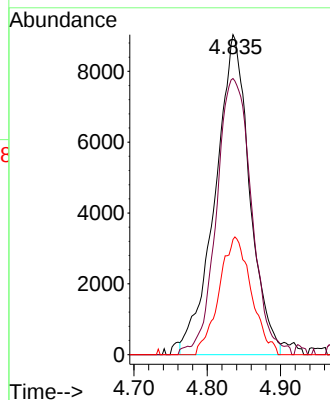
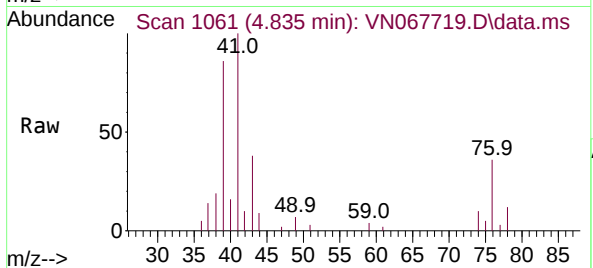
Acq: 13 Jul 2021 16:04

Tgt Ion:	41	Resp:	29588
Ion	Ratio	Lower	Upper
41	100		
39	87.6	42.4	127.3
76	37.3	17.9	53.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



#18

Methylene Chloride

Concen: 7.467 ug/l

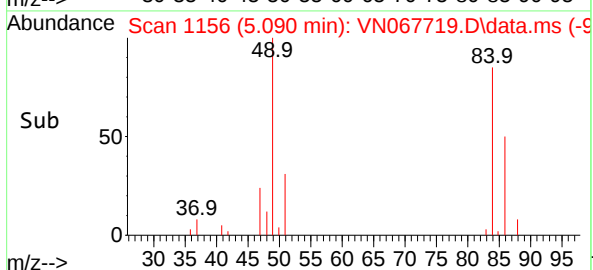
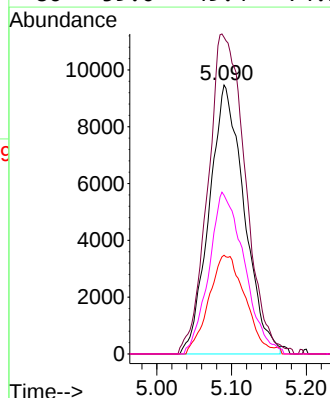
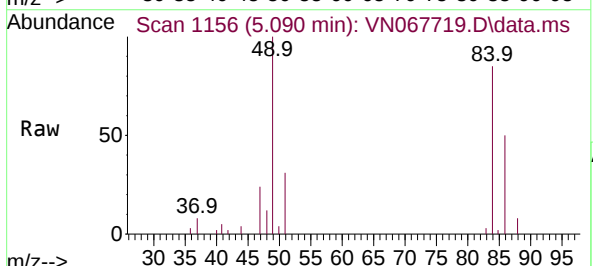
RT: 5.090 min Scan# 1156

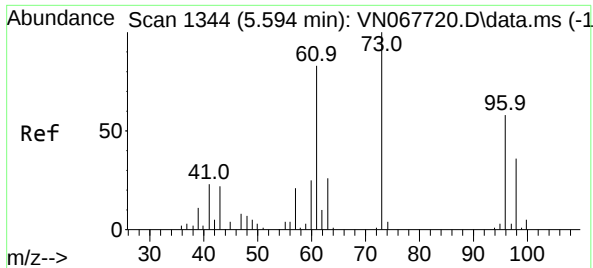
Delta R.T. -0.003 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion:	84	Resp:	30797
Ion	Ratio	Lower	Upper
84	100		
49	115.4	100.5	150.7
51	36.7	30.7	46.1
86	59.0	49.4	74.2





#19

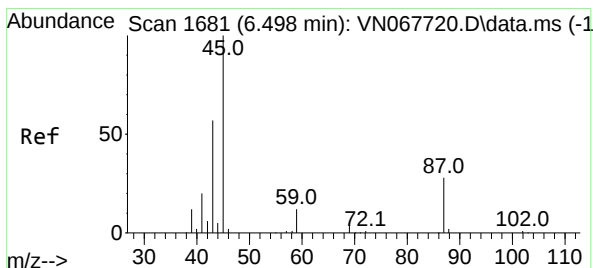
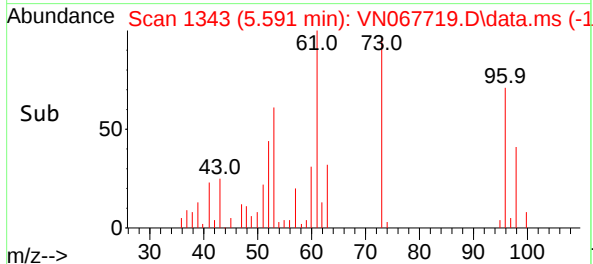
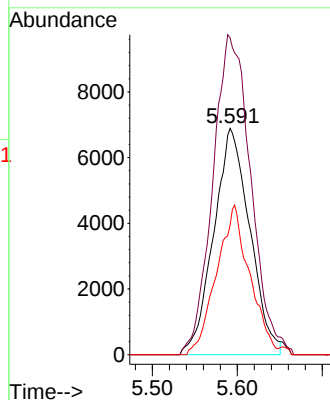
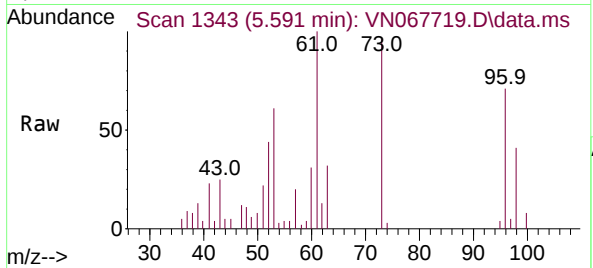
trans-1,2-Dichloroethene
Concen: 5.494 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	96	Resp:	20368
Ion	Ratio	Lower	Upper
96	100		
61	140.0	114.3	171.5
98	57.4	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

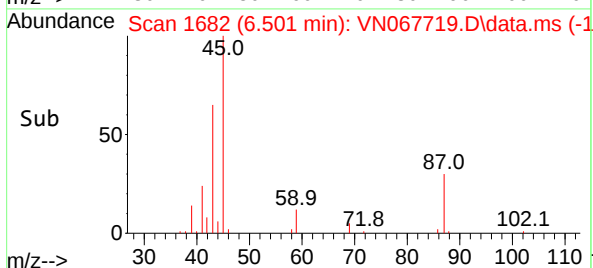
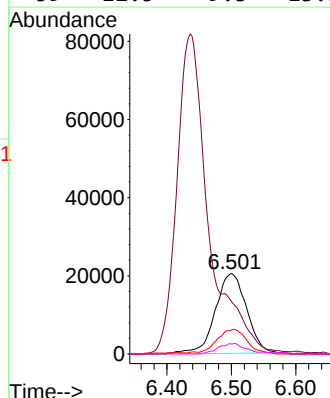
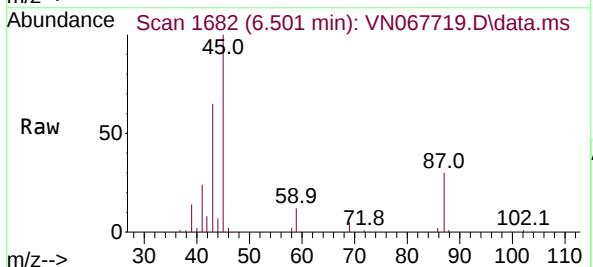
MMDadoda
7/16/2021 10:42:27 AM

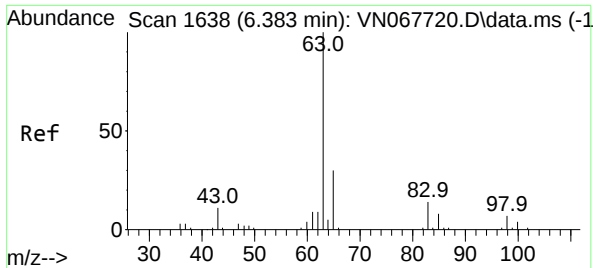


#20

Diisopropyl ether
Concen: 5.379 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	45	Resp:	68264
Ion	Ratio	Lower	Upper
45	100		
43	61.9	51.8	77.6
87	30.5	22.5	33.7
59	12.5	9.3	13.9





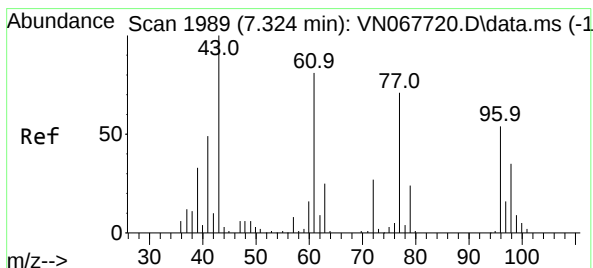
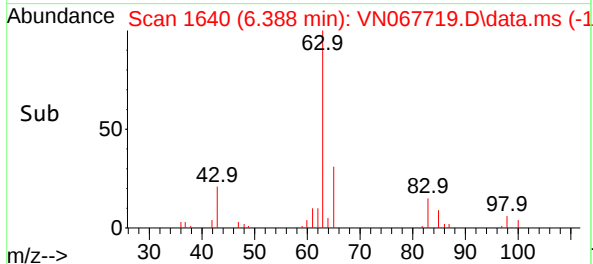
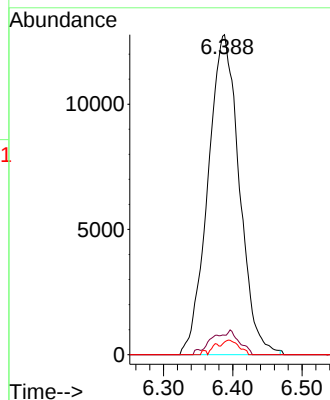
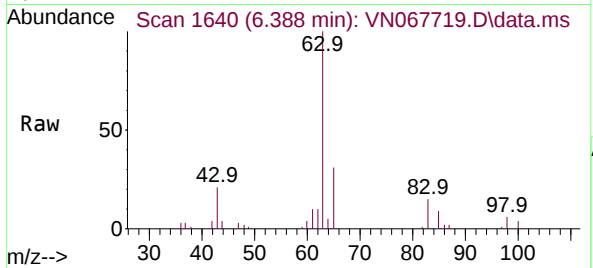
#21
1,1-Dichloroethane
Concen: 5.728 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.005 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	63	Resp:	40204
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.3	9.8
100	3.9	2.0	5.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

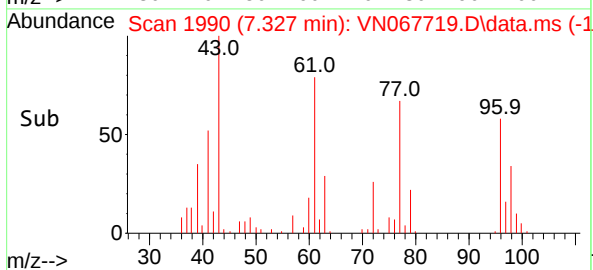
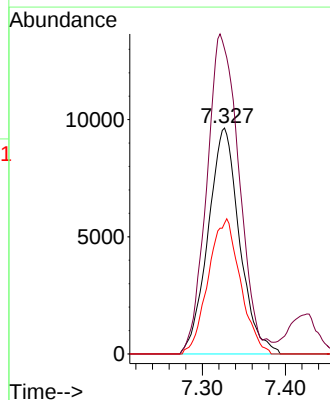
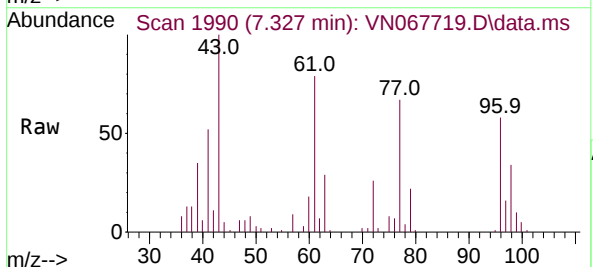
Manual Integrations
APPROVED

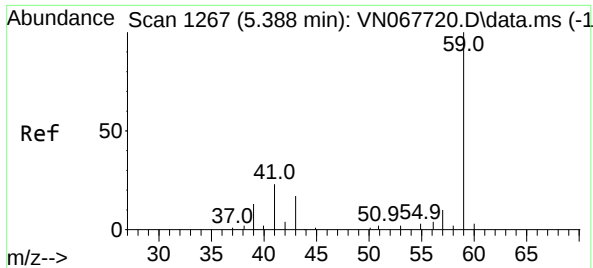
MMDadoda
7/16/2021 10:42:27 AM



#22
cis-1,2-Dichloroethene
Concen: 5.643 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	96	Resp:	25340
Ion Ratio	Lower	Upper	
96	100		
61	144.2	121.2	181.8
98	61.2	51.8	77.8





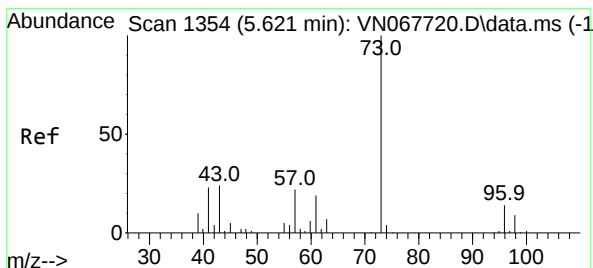
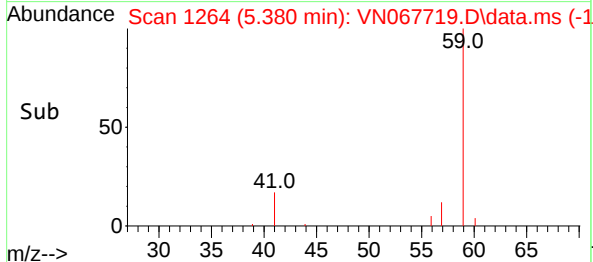
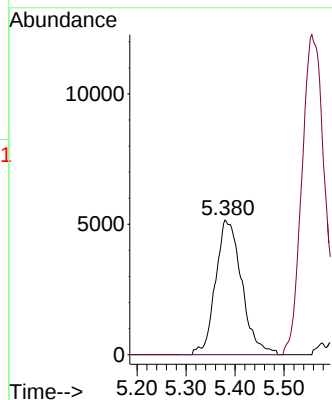
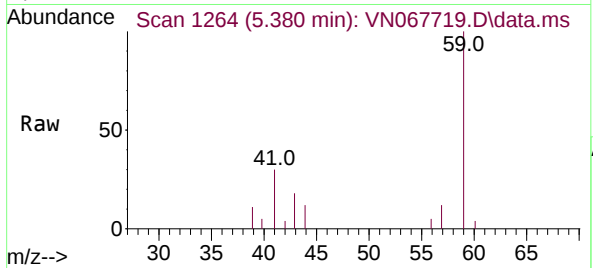
#23
tert-Butyl Alcohol
Concen: 26.625 ug/l m
RT: 5.380 min Scan# 1264
Delta R.T. -0.008 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 59 Resp: 19139
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

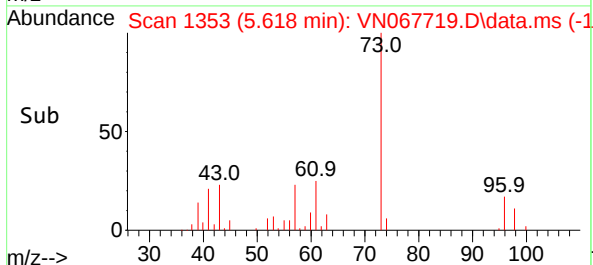
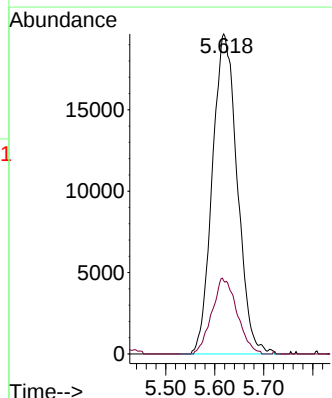
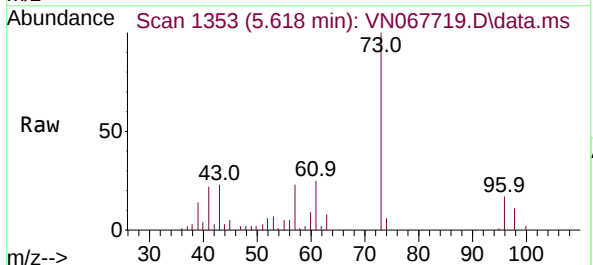
Manual Integrations
APPROVED

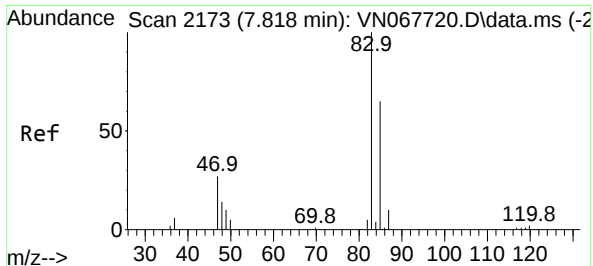
MMDadoda
7/16/2021 10:42:27 AM



#24
Methyl tert-Butyl Ether
Concen: 5.478 ug/l m
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 73 Resp: 69444
Ion Ratio Lower Upper
73 100
43 0.1 18.6 27.8#





#25

Chloroform

Concen: 5.605 ug/l

RT: 7.823 min Scan# 2175

Delta R.T. 0.005 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion: 83 Resp: 43592

Ion Ratio Lower Upper

83 100

85 67.8 52.3 78.5

Instrument :

MSVOA_N

ClientSampleId :

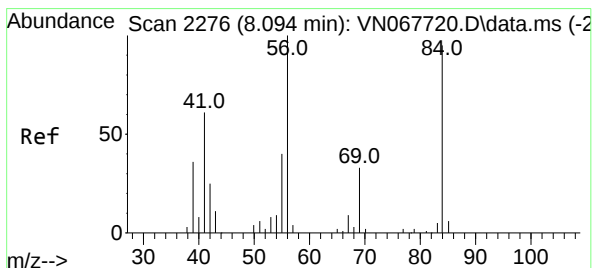
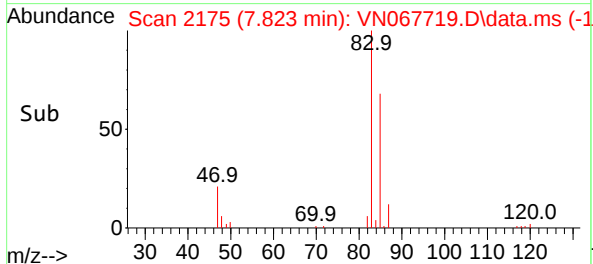
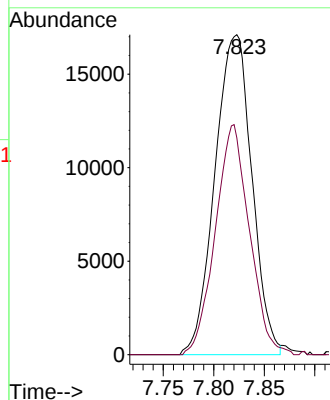
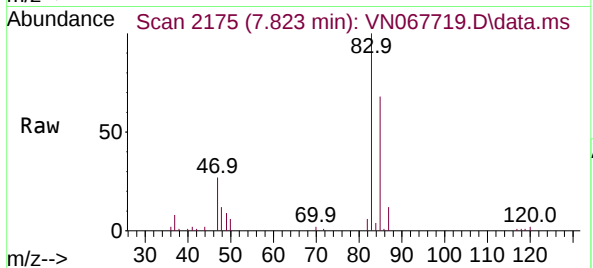
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:27 AM



#26

Cyclohexane

Concen: 5.635 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

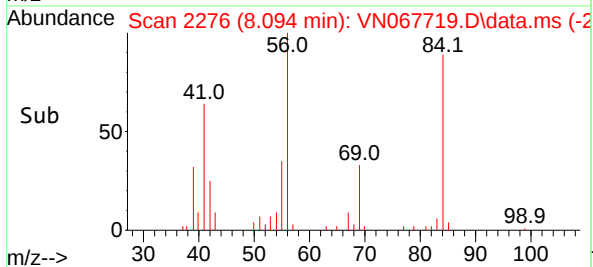
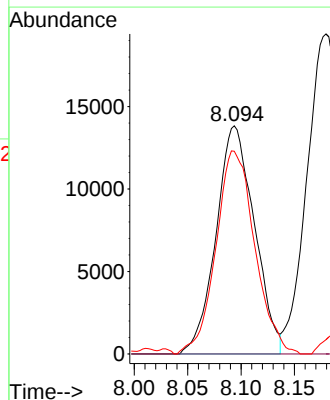
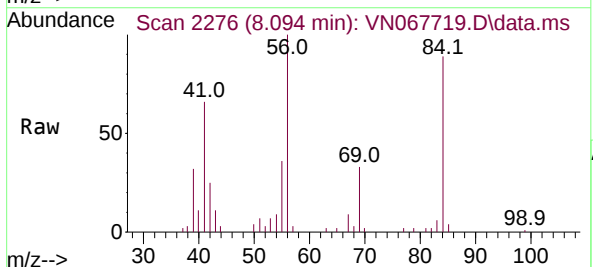
Tgt Ion: 56 Resp: 34593

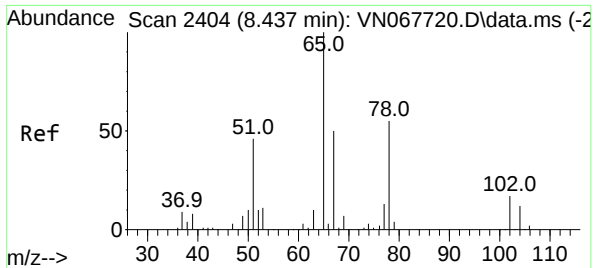
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.0 71.4 107.0





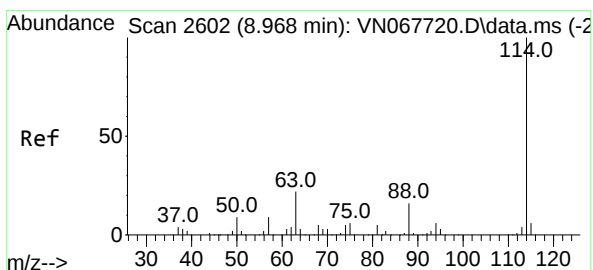
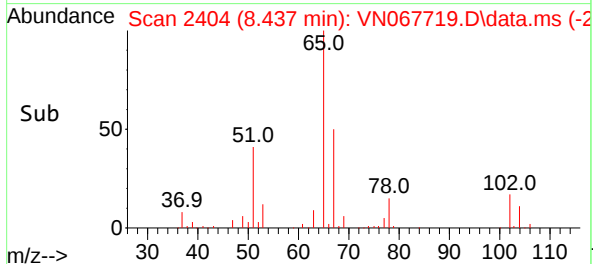
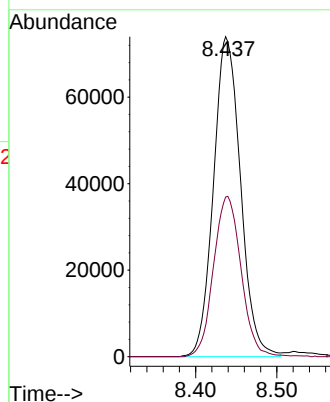
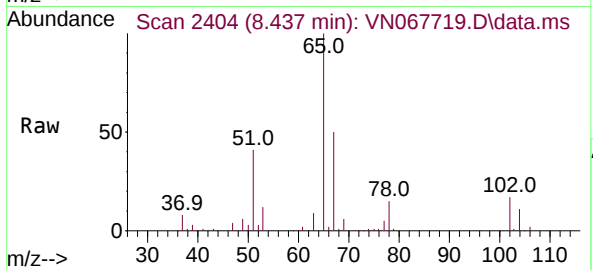
#27
1,2-Dichloroethane-d4
Concen: 33.716 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 65 Resp: 171161
Ion Ratio Lower Upper
65 100
67 50.8 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

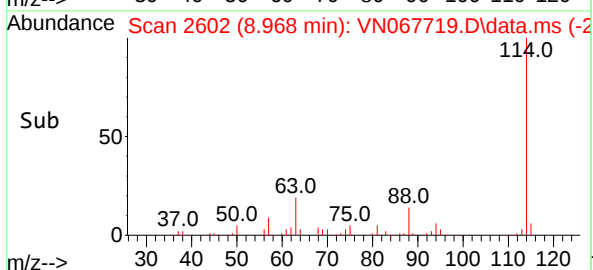
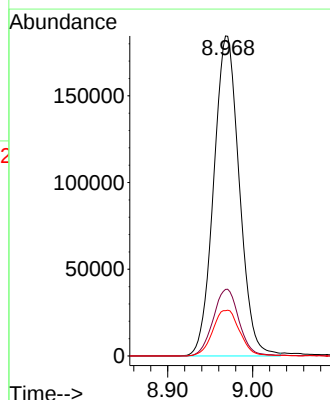
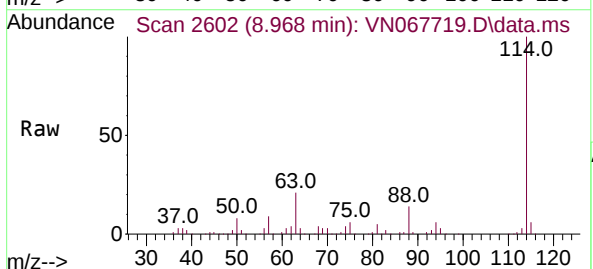
Manual Integrations
APPROVED

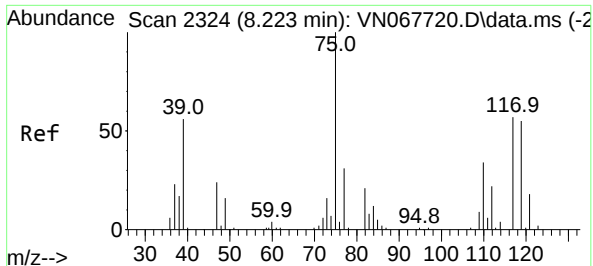
MMDadoda
7/16/2021 10:42:27 AM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 114 Resp: 386380
Ion Ratio Lower Upper
114 100
63 21.2 17.2 25.8
88 15.1 12.4 18.6





#29

1,1-Dichloropropene

Concen: 5.172 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion:	75	Resp:	31025
Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	69.2
77	31.4	0.0	60.4

Instrument :

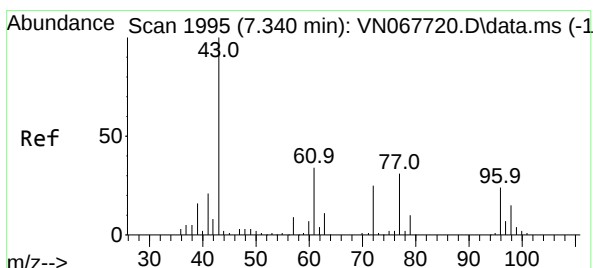
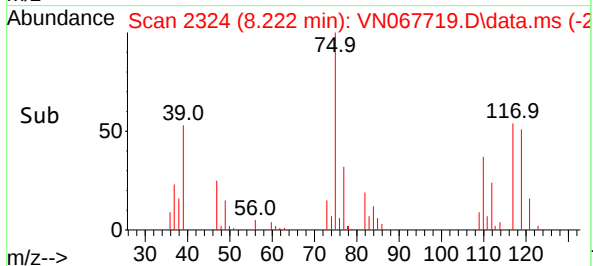
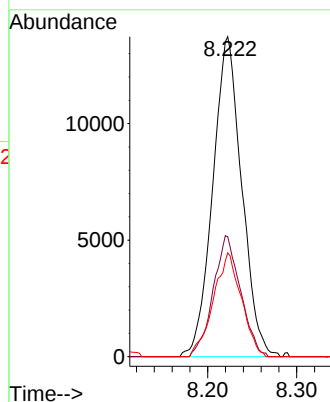
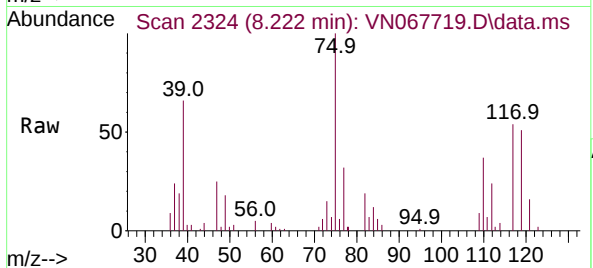
MSVOA_N

ClientSampleId :

VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



#30

2-Butanone

Concen: 25.665 ug/l

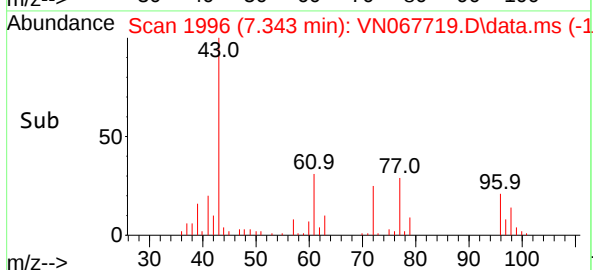
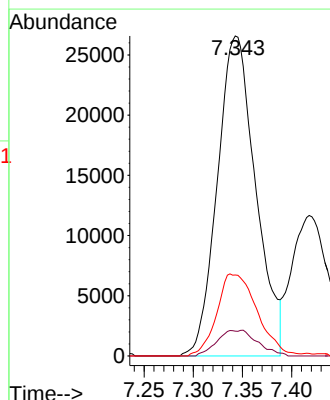
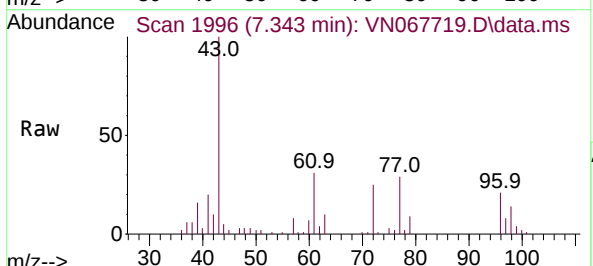
RT: 7.343 min Scan# 1996

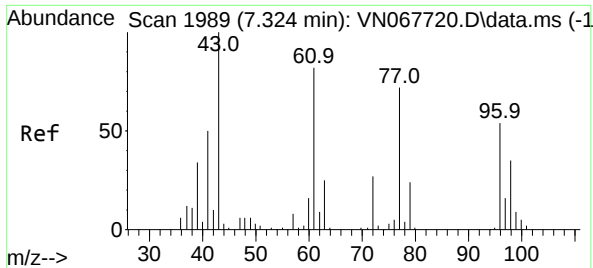
Delta R.T. 0.003 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion:	43	Resp:	72054
Ion	Ratio	Lower	Upper
43	100		
57	4.5	6.6	9.8#
72	11.3	21.8	32.6#





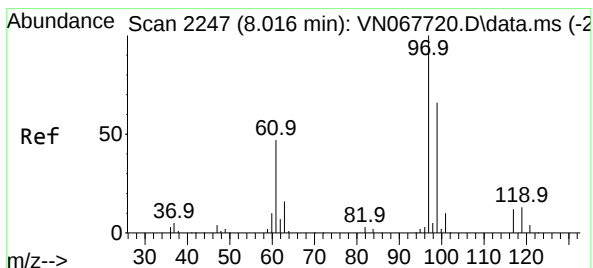
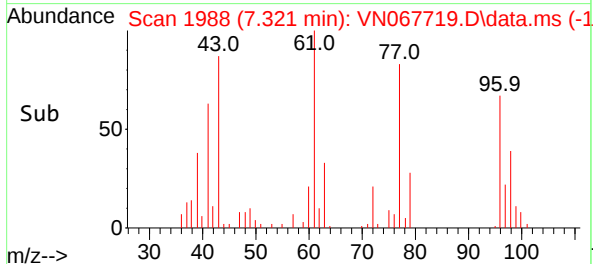
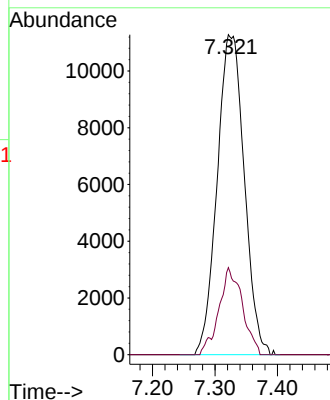
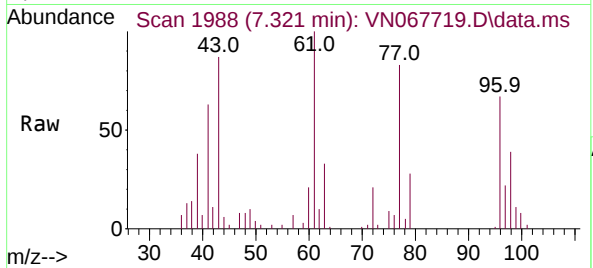
#31
2,2-Dichloropropane
Concen: 4.951 ug/l m
RT: 7.321 min Scan# 1988
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 77 Resp: 34011
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

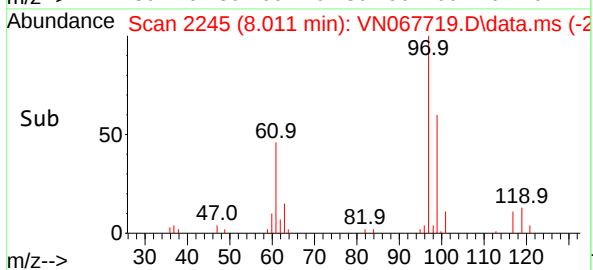
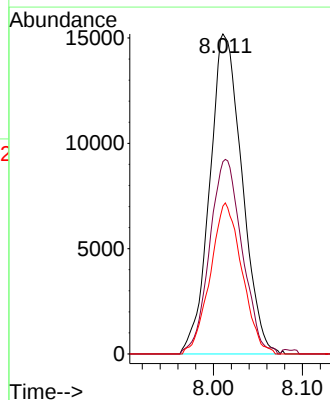
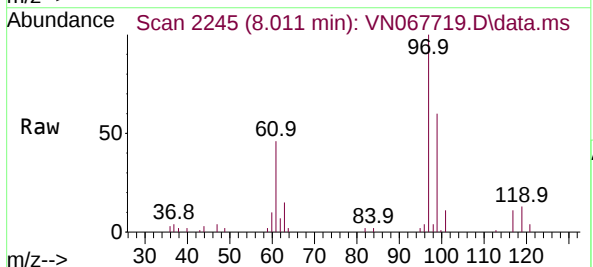
Manual Integrations
APPROVED

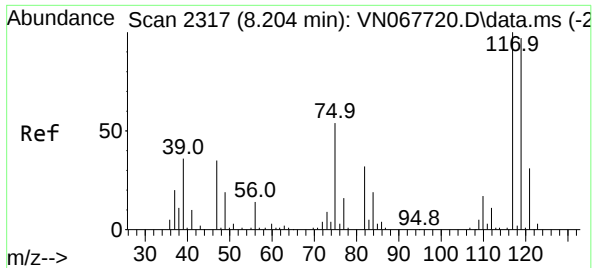
MMDadoda
7/16/2021 10:42:27 AM



#32
1,1,1-Trichloroethane
Concen: 5.199 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.006 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 97 Resp: 38348
Ion Ratio Lower Upper
97 100
99 60.7 51.6 77.4
61 46.3 37.6 56.4





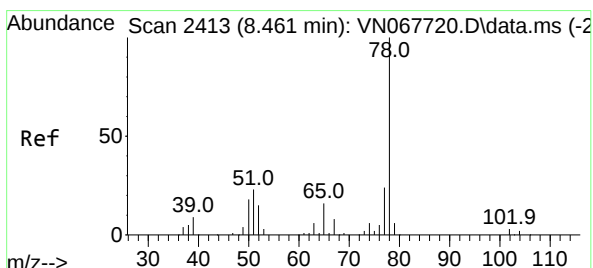
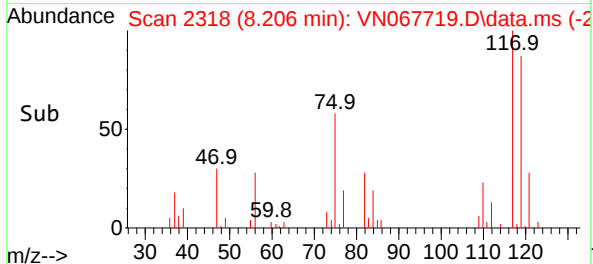
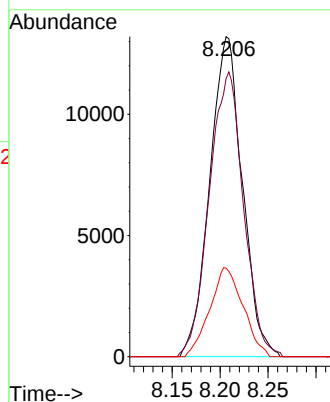
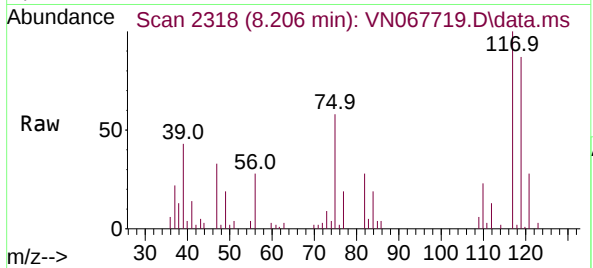
#33
Carbon Tetrachloride
Concen: 4.961 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 31206
Ion Ratio Lower Upper
117 100
119 85.8 77.6 116.4
121 27.6 24.6 36.8

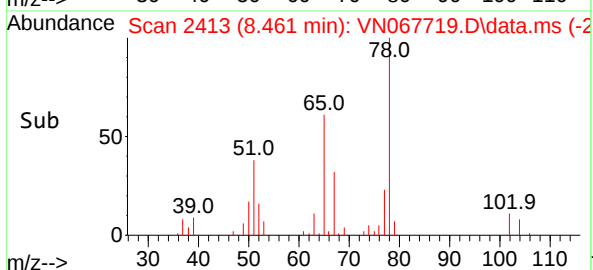
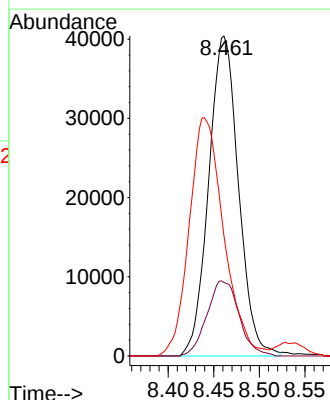
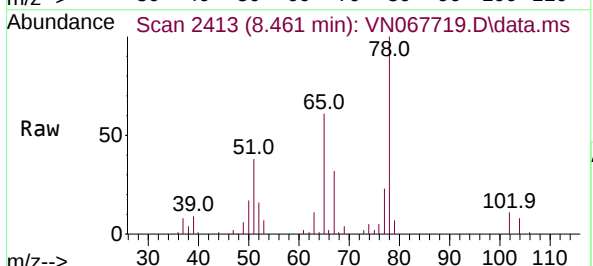
Manual Integrations
APPROVED

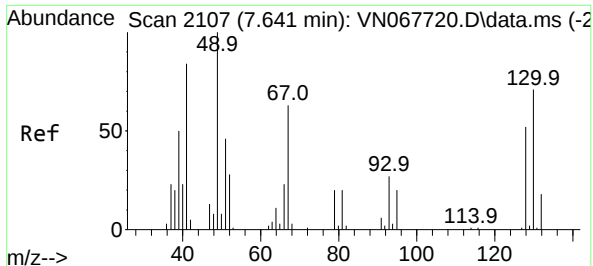
MMDadoda
7/16/2021 10:42:27 AM



#34
Benzene
Concen: 5.092 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 78 Resp: 91789
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7
51 34.2 18.2 27.4#





#35

Methacrylonitrile

Concen: 5.270 ug/l

RT: 7.646 min Scan# 2109

Delta R.T. 0.005 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

Tgt Ion: 41 Resp: 15114

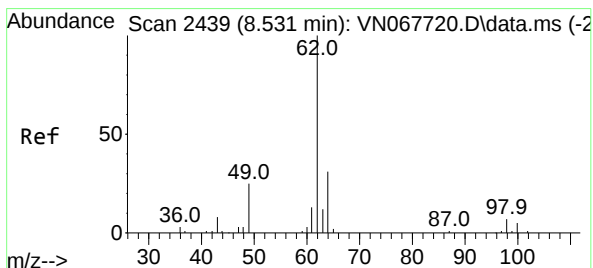
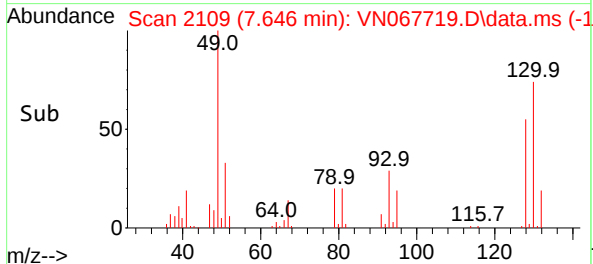
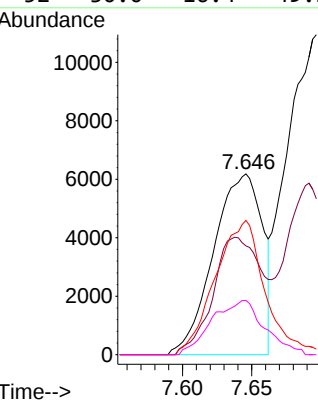
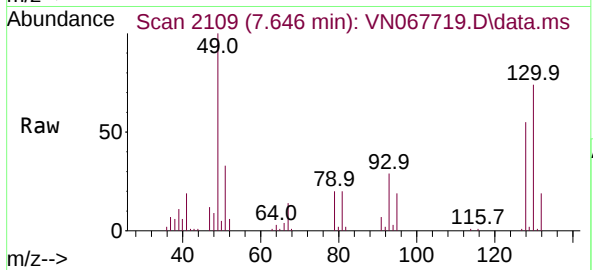
Ion Ratio Lower Upper

41 100

39 60.2 29.6 88.9

67 74.2 37.4 112.2

52 30.0 16.4 49.2



#36

1,2-Dichloroethane

Concen: 5.389 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VN067719.D

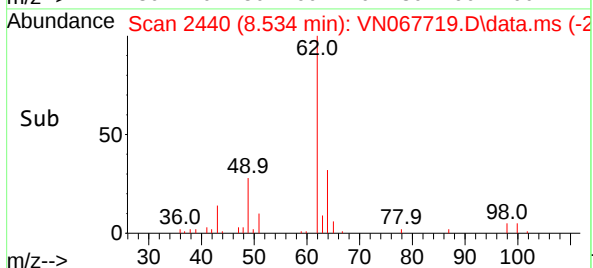
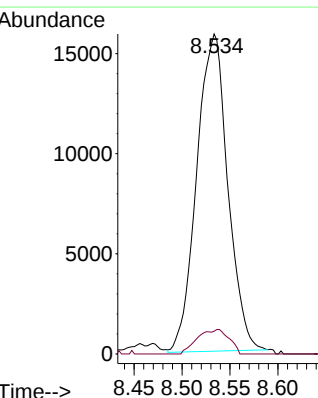
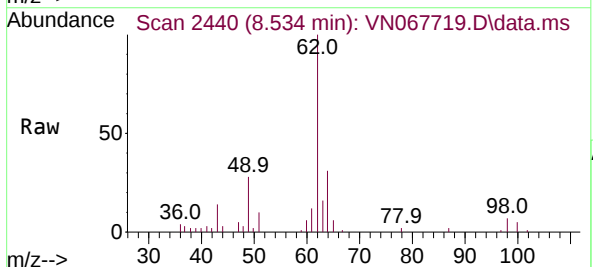
Acq: 13 Jul 2021 16:04

Tgt Ion: 62 Resp: 35719

Ion Ratio Lower Upper

62 100

98 4.0 6.2 9.2#



Instrument :

MSVOA_N

ClientSampleId :

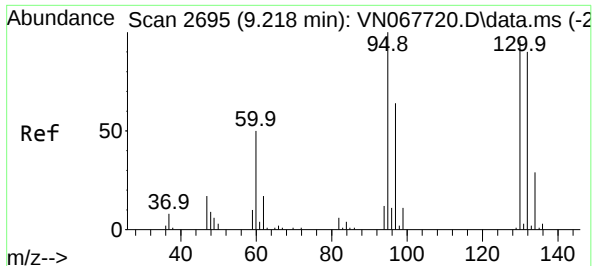
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:27 AM



#37

Trichloroethene

Concen: 5.127 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN067719.D

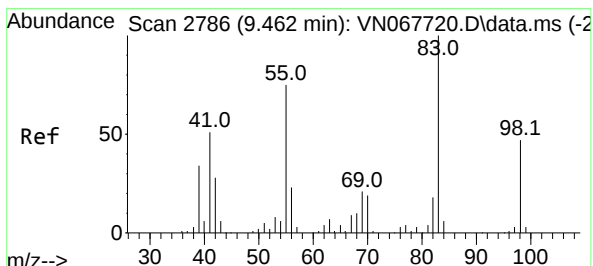
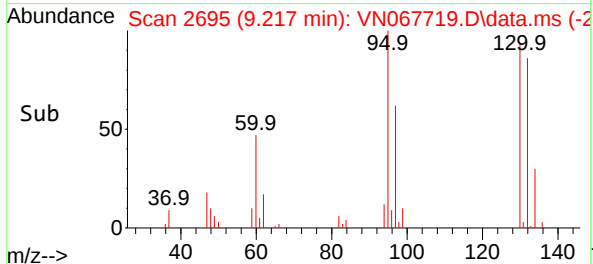
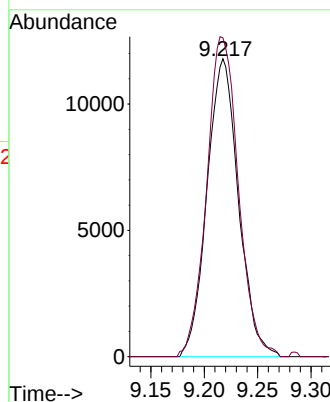
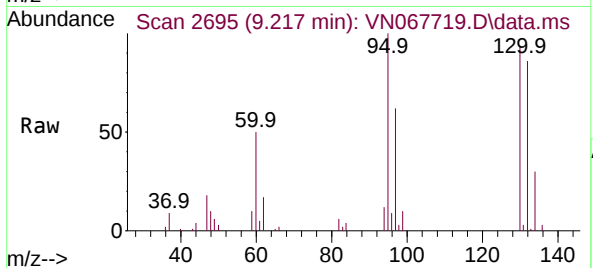
Acq: 13 Jul 2021 16:04

Tgt Ion:130 Resp: 24180

Ion Ratio Lower Upper

130 100

95 107.1 83.2 124.8



#38

Methylcyclohexane

Concen: 5.123 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN067719.D

Acq: 13 Jul 2021 16:04

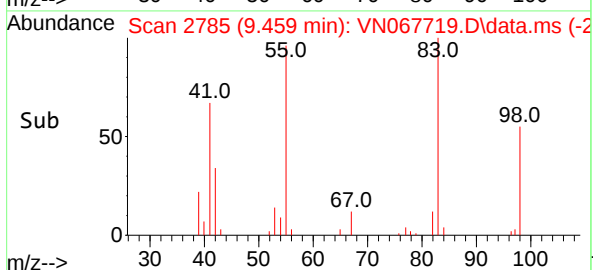
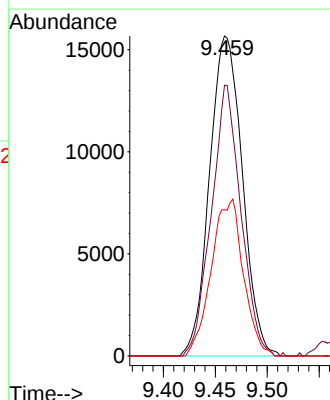
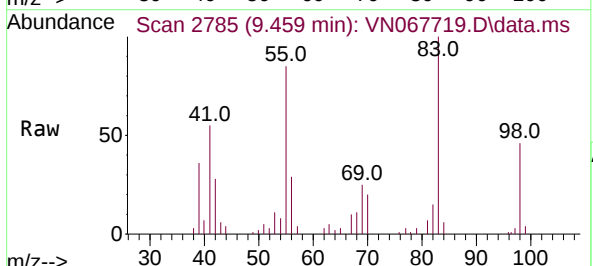
Tgt Ion: 83 Resp: 34458

Ion Ratio Lower Upper

83 100

55 76.0 37.4 112.2

98 25.5 23.5 70.6



Instrument :

MSVOA_N

ClientSampleId :

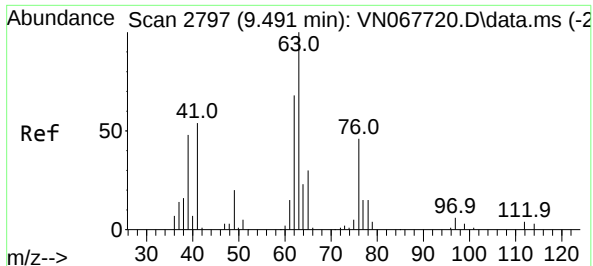
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

7/16/2021 10:42:27 AM



#39

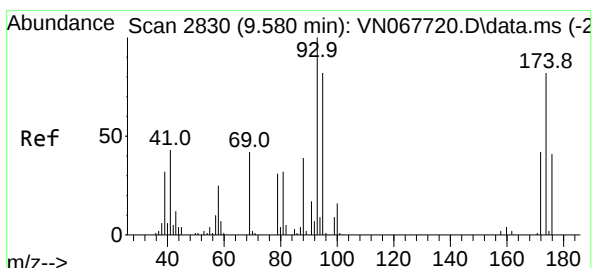
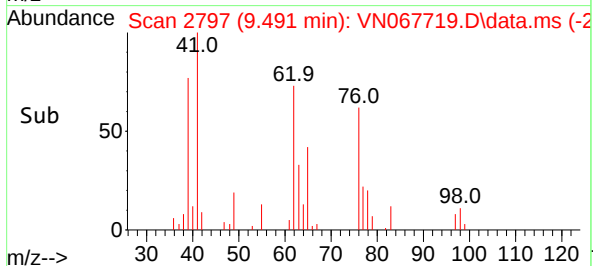
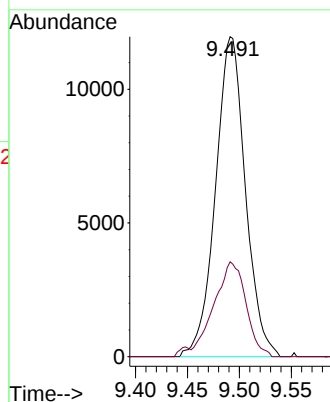
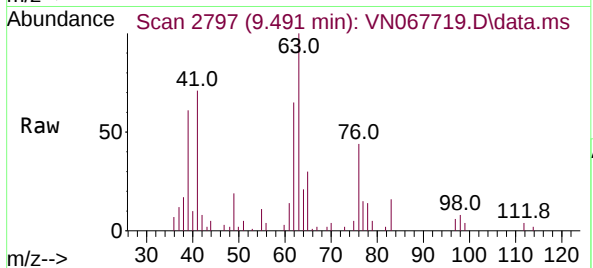
1,2-Dichloropropane
Concen: 5.281 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 63 Resp: 23974
Ion Ratio Lower Upper
63 100
65 29.7 24.3 36.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

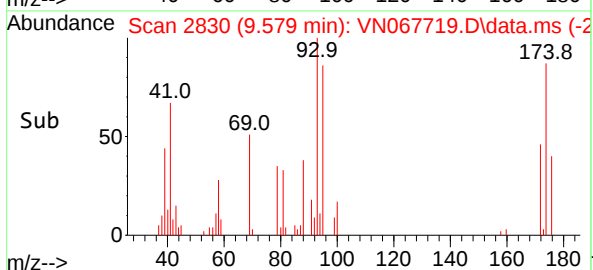
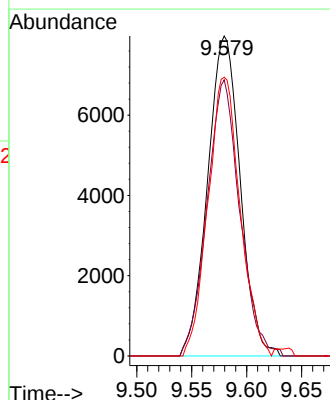
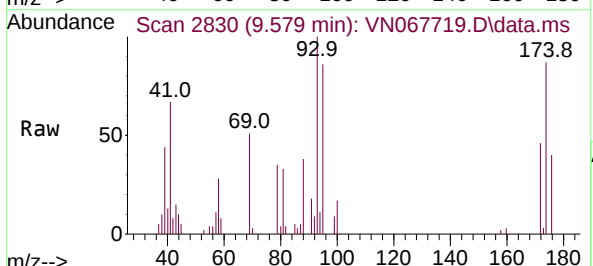
MMDadoda
7/16/2021 10:42:27 AM

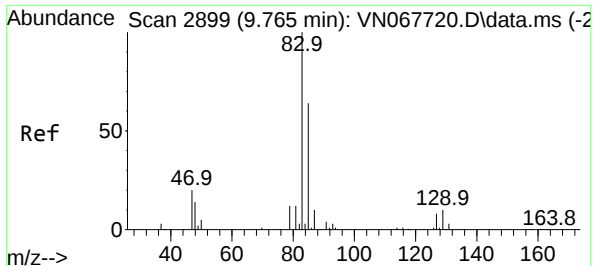


#40

Dibromomethane
Concen: 4.928 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

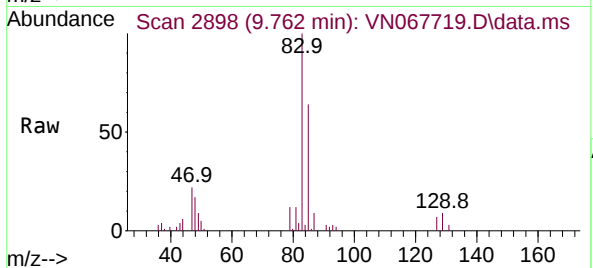
Tgt Ion: 93 Resp: 16431
Ion Ratio Lower Upper
93 100
95 86.6 0.0 165.4
174 85.7 0.0 163.0





#41
Bromodichloromethane
Concen: 4.804 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

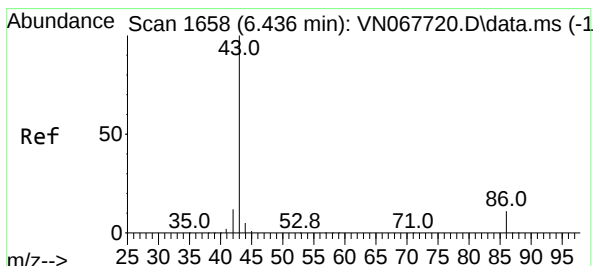
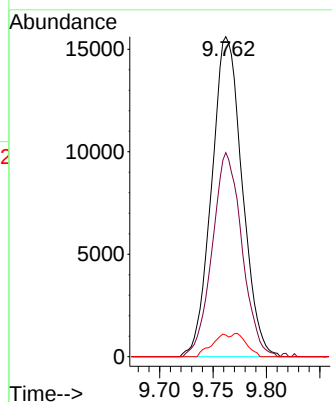
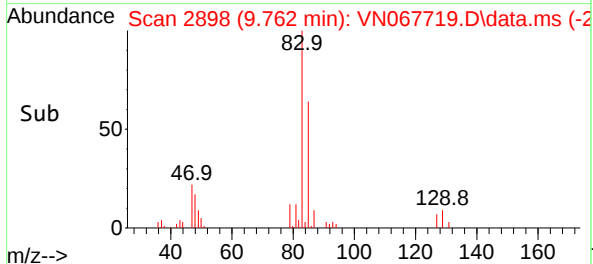
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



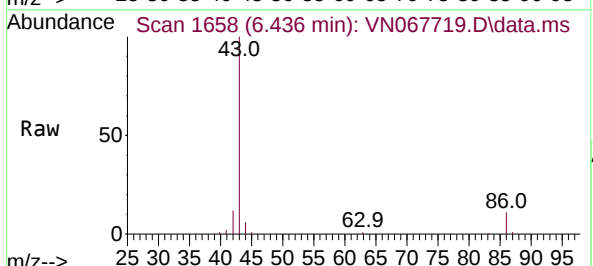
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.3	76.9
127	6.8	6.6	10.0

Manual Integrations
APPROVED

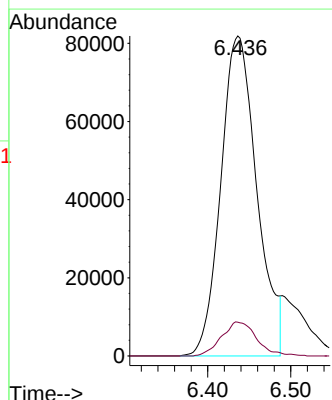
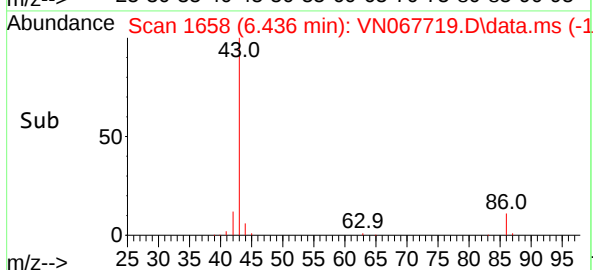
MMDadoda
7/16/2021 10:42:27 AM

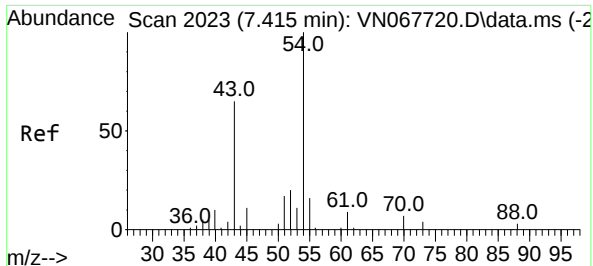


#42
Vinyl Acetate
Concen: 21.982 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2





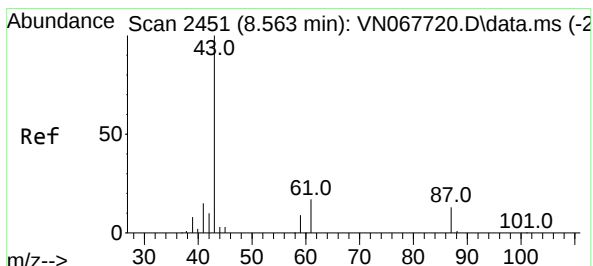
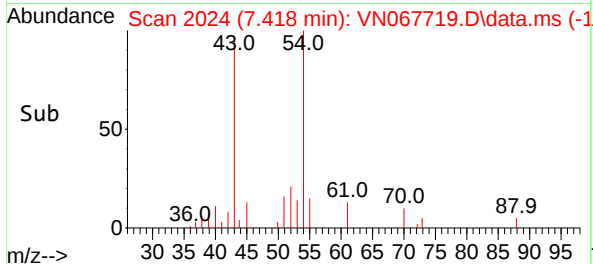
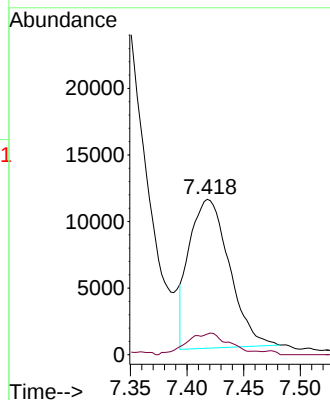
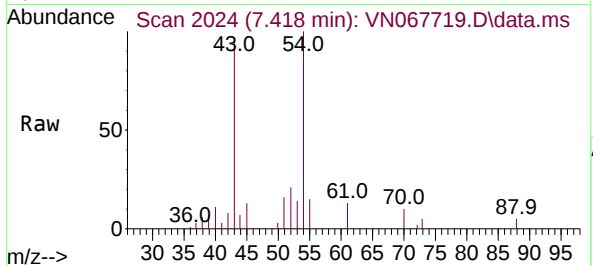
#43
Ethyl Acetate
Concen: 4.686 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 27468
Ion Ratio Lower Upper
43 100
45 4.7 10.5 15.7#

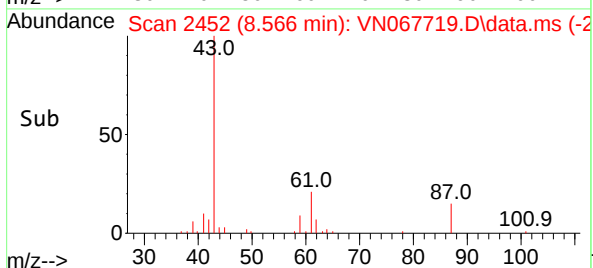
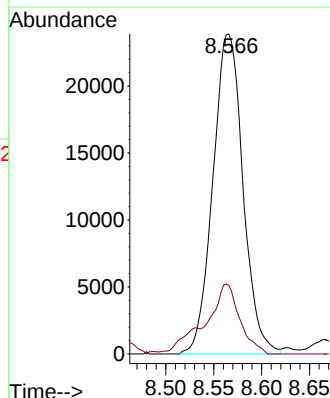
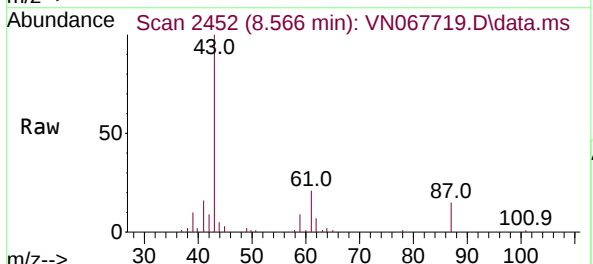
Manual Integrations
APPROVED

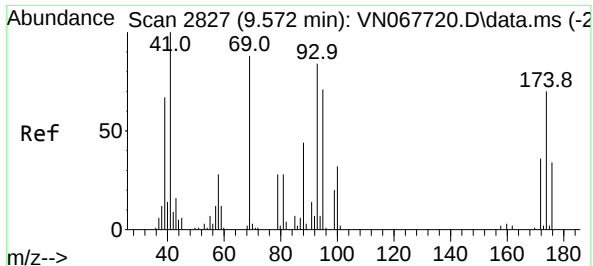
MMDadoda
7/16/2021 10:42:27 AM



#44
Isopropyl Acetate
Concen: 5.149 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 43 Resp: 52136
Ion Ratio Lower Upper
43 100
61 19.2 20.4 30.6#





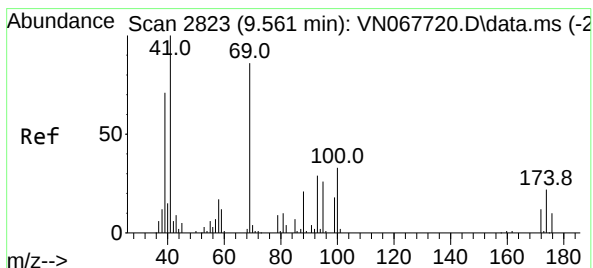
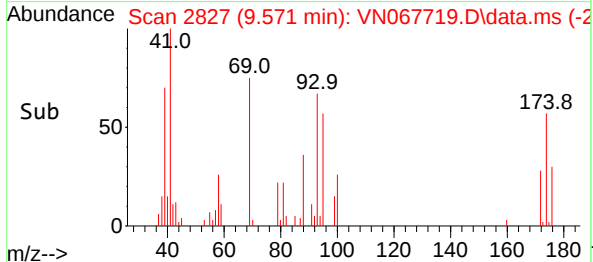
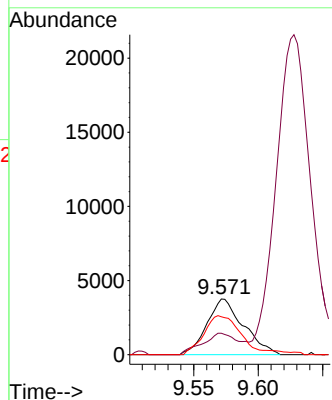
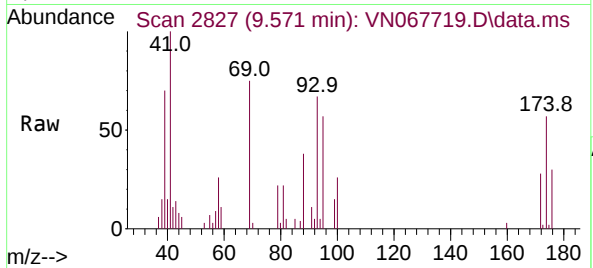
#45
1,4-Dioxane
Concen: 94.140 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 88 Resp: 7395
Ion Ratio Lower Upper
88 100
43 35.6 26.9 40.3
58 72.8 52.2 78.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

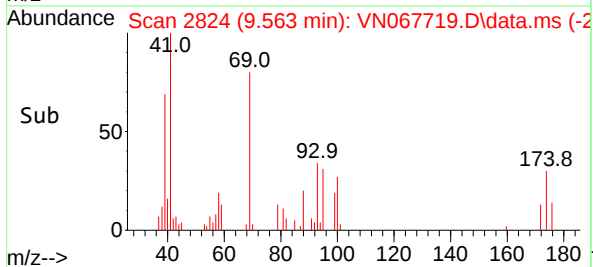
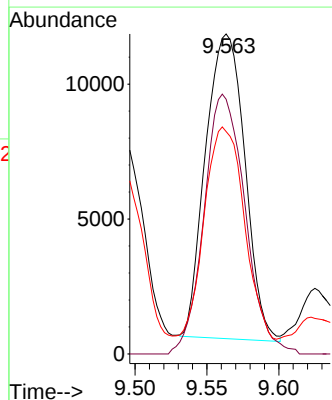
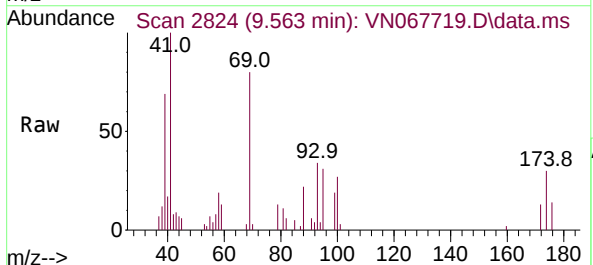
Manual Integrations
APPROVED

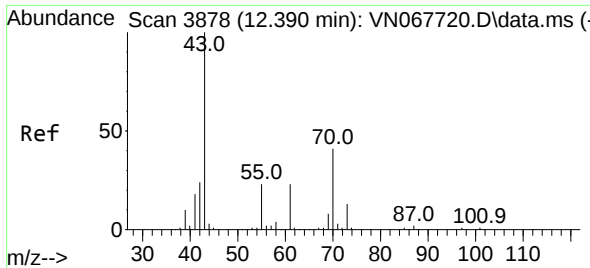
MMDadoda
7/16/2021 10:42:27 AM



#46
Methyl methacrylate
Concen: 4.868 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 41 Resp: 21486
Ion Ratio Lower Upper
41 100
69 80.9 43.0 128.8
39 68.3 35.5 106.7





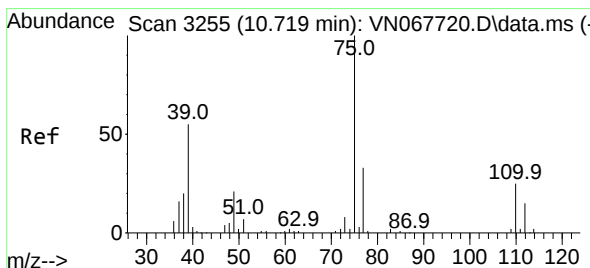
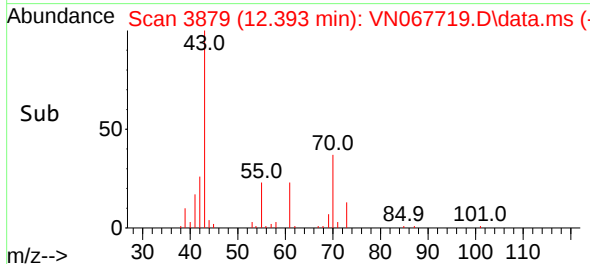
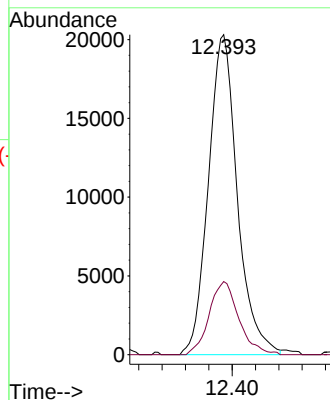
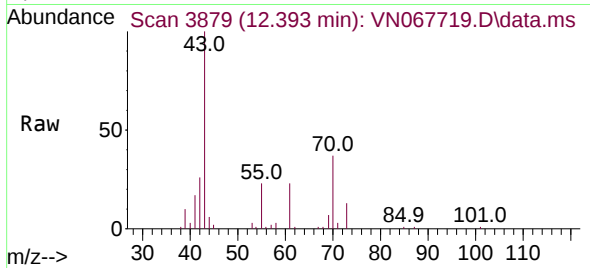
#47
n-amy1 Acetate
Concen: 4.158 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 43 Resp: 34985
Ion Ratio Lower Upper
43 100
55 23.2 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

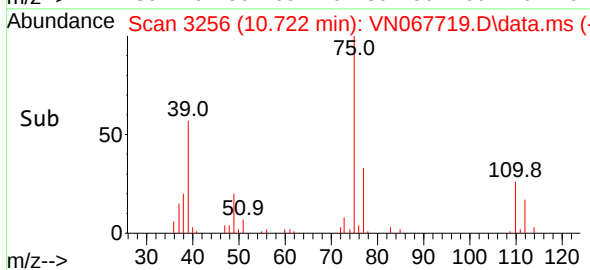
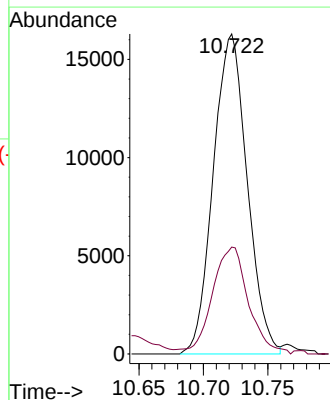
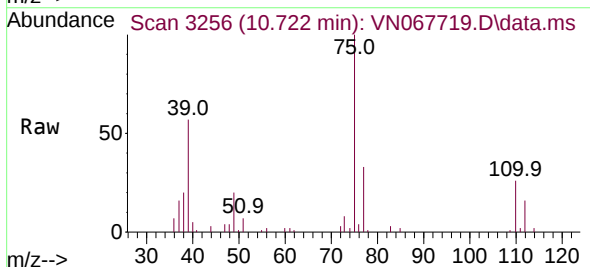
Manual Integrations
APPROVED

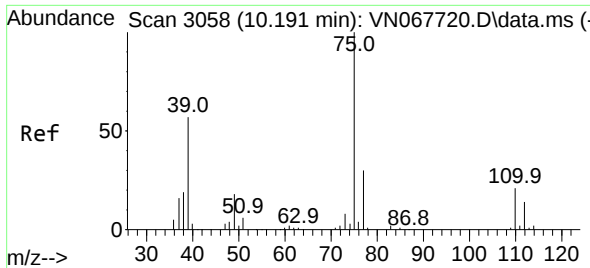
MMDadoda
7/16/2021 10:42:27 AM



#48
t-1,3-Dichloropropene
Concen: 4.241 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 75 Resp: 29829
Ion Ratio Lower Upper
75 100
77 31.9 27.0 40.4





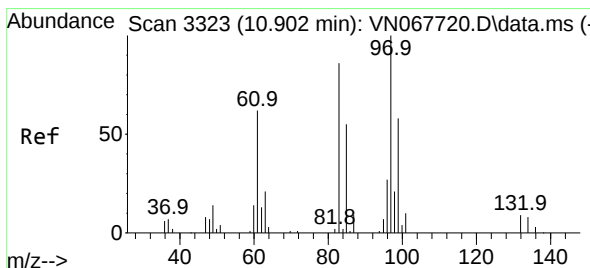
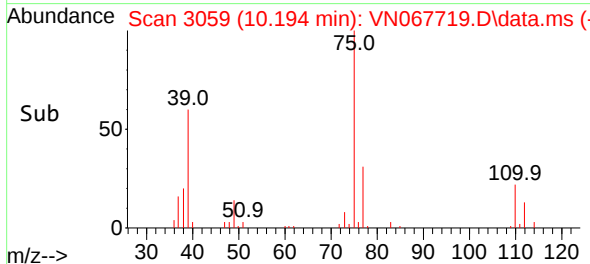
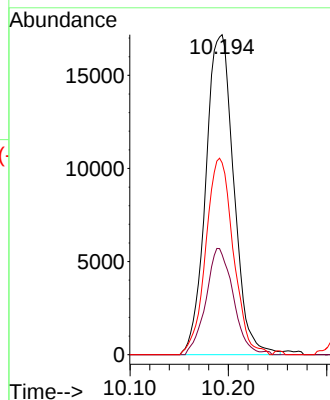
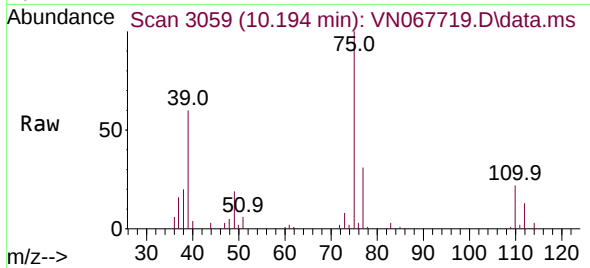
#49
 cis-1,3-Dichloropropene
 Concen: 4.609 ug/l
 RT: 10.194 min Scan# 3059
 Delta R.T. 0.003 min
 Lab File: VN067719.D
 Acq: 13 Jul 2021 16:04

Tgt Ion:	75	Resp:	34071
Ion	Ratio	Lower	Upper
75	100		
77	31.3	23.8	35.6
39	60.0	45.3	67.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

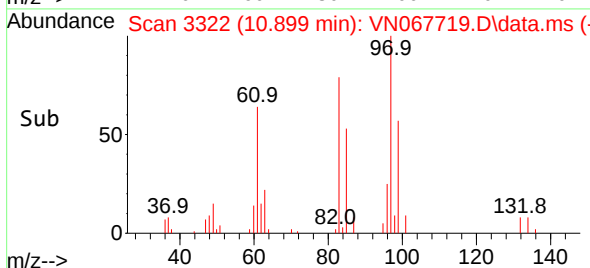
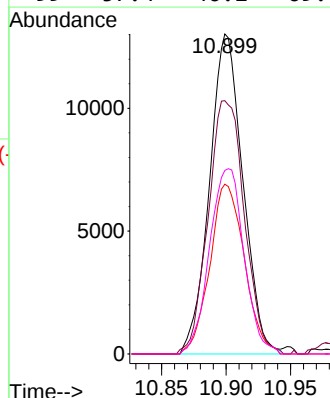
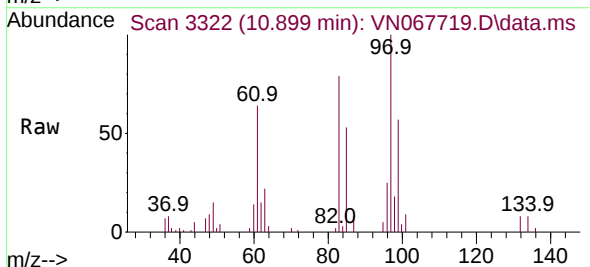
Manual Integrations
 APPROVED

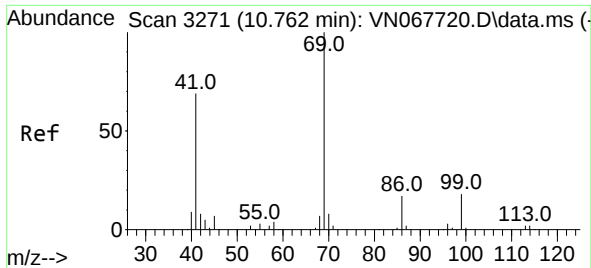
MMDadoda
 7/16/2021 10:42:27 AM



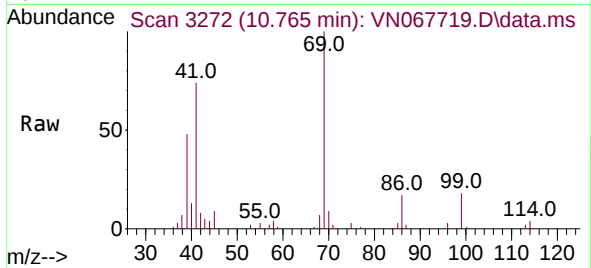
#50
 1,1,2-Trichloroethane
 Concen: 5.001 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.003 min
 Lab File: VN067719.D
 Acq: 13 Jul 2021 16:04

Tgt Ion:	97	Resp:	23414
Ion	Ratio	Lower	Upper
97	100		
83	78.0	69.0	103.4
85	53.1	43.8	65.8
99	57.4	46.2	69.4

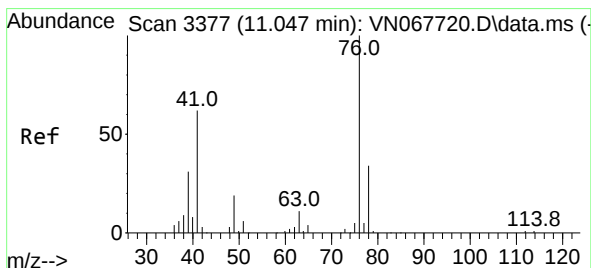
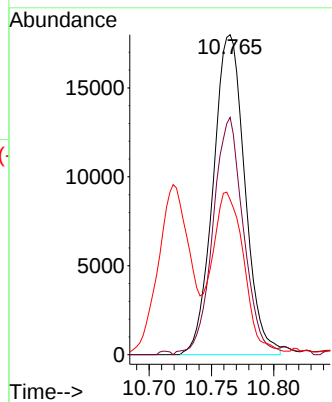
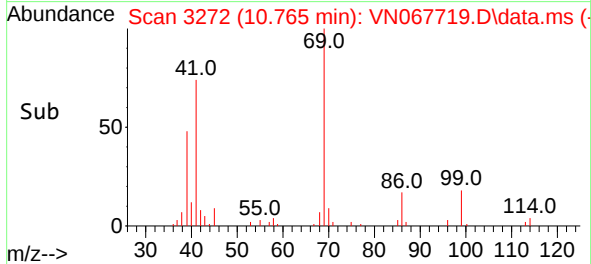




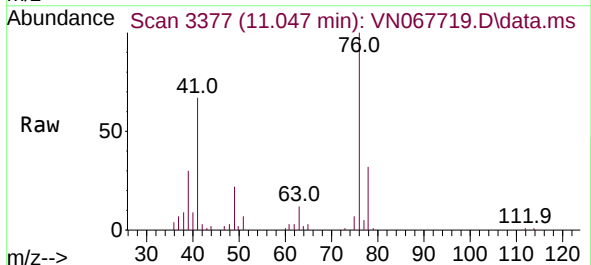
#51
Ethyl methacrylate
Concen: 4.359 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



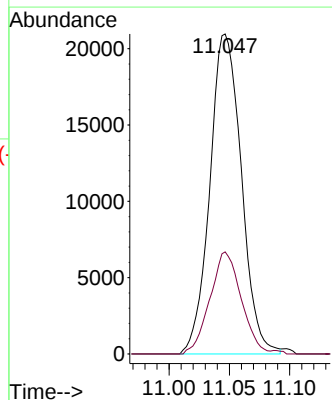
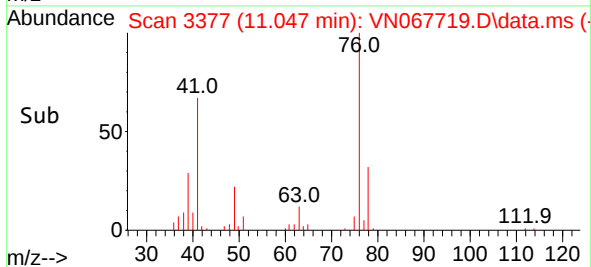
Tgt Ion: 69 Resp: 31830
Ion Ratio Lower Upper
69 100
41 73.0 34.3 102.9
39 47.1 23.7 71.1



#52
1,3-Dichloropropane
Concen: 4.935 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



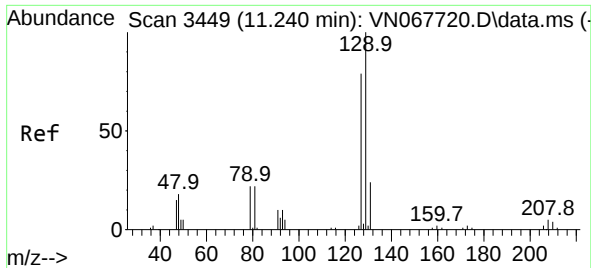
Tgt Ion: 76 Resp: 38136
Ion Ratio Lower Upper
76 100
78 31.7 0.0 67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



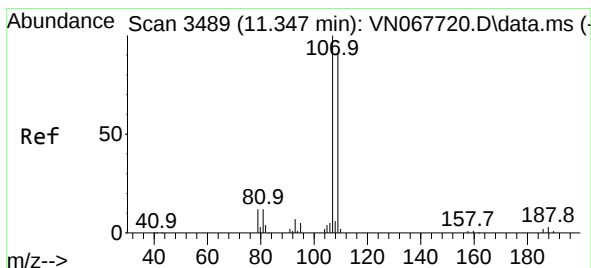
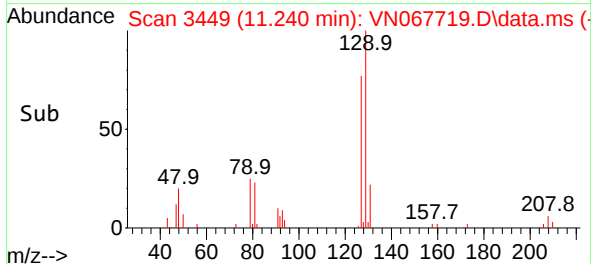
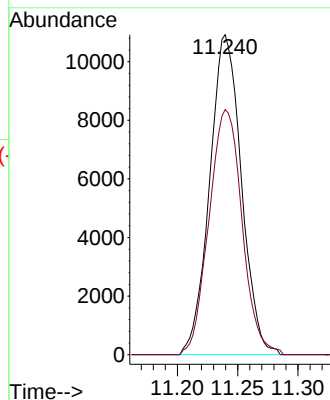
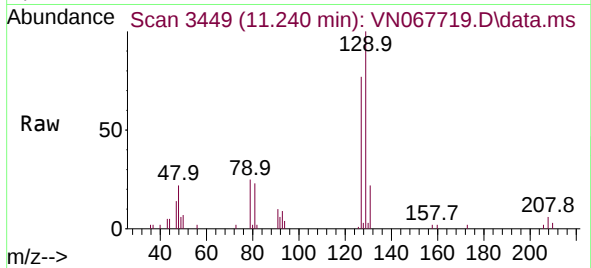
#53
Dibromochloromethane
Concen: 4.024 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 20004
Ion Ratio Lower Upper
129 100
127 79.8 39.6 118.8

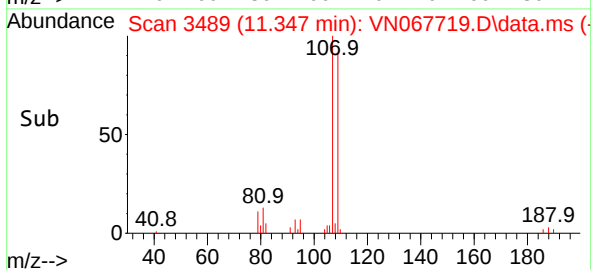
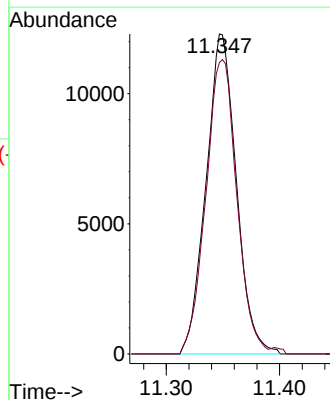
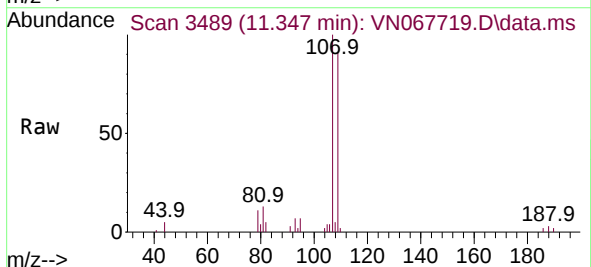
Manual Integrations
APPROVED

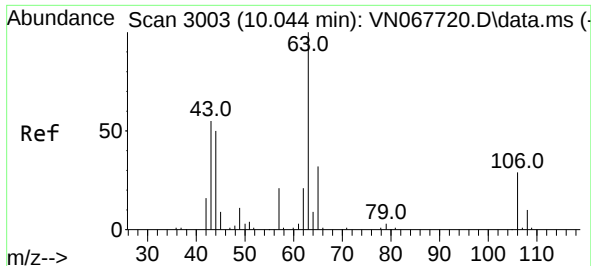
MMDadoda
7/16/2021 10:42:27 AM



#54
1,2-Dibromoethane
Concen: 4.687 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:107 Resp: 22817
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8





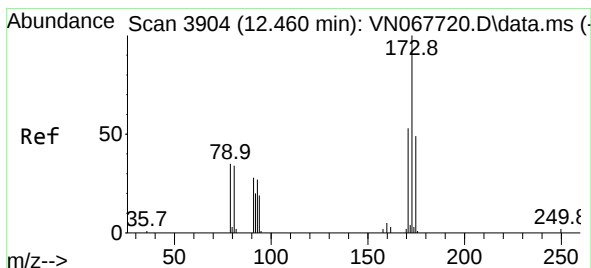
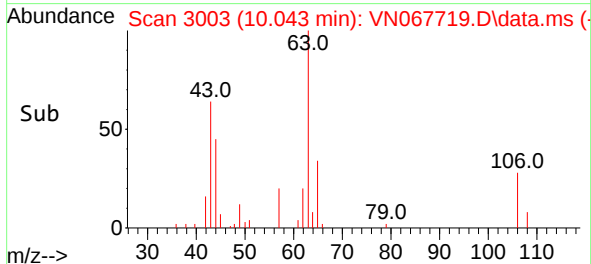
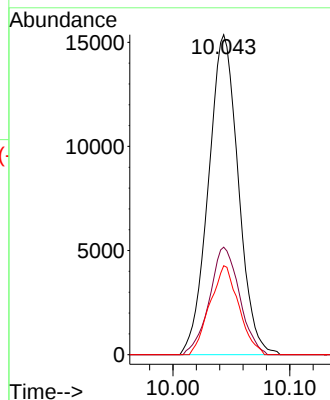
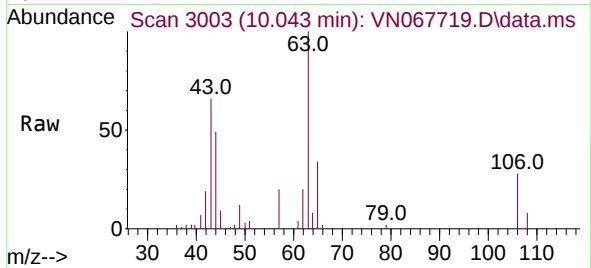
#55
2-Chloroethyl vinyl ether
Concen: 17.892 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	63	Resp:	27296
Ion Ratio	Lower	Upper	
63	100		
65	33.8	25.5	38.3
106	26.9	22.1	33.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

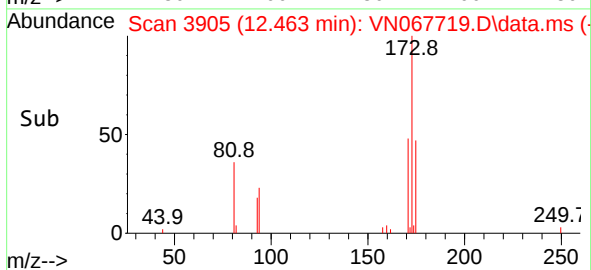
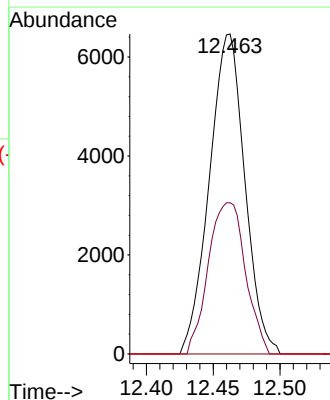
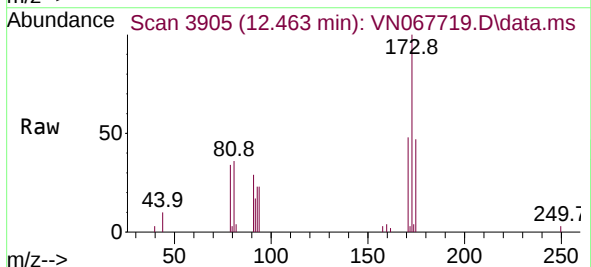
Manual Integrations
APPROVED

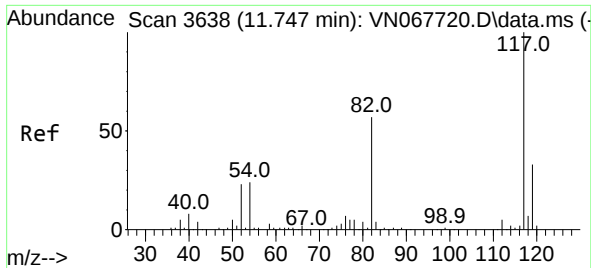
MMDadoda
7/16/2021 10:42:27 AM



#56
Bromoform
Concen: 3.435 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	173	Resp:	11953
Ion Ratio	Lower	Upper	
173	100		
175	49.4	38.5	57.7
254	0.0	0.0	0.0





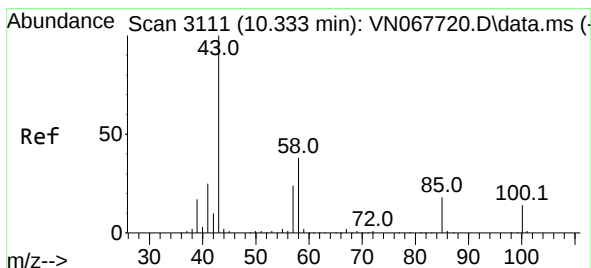
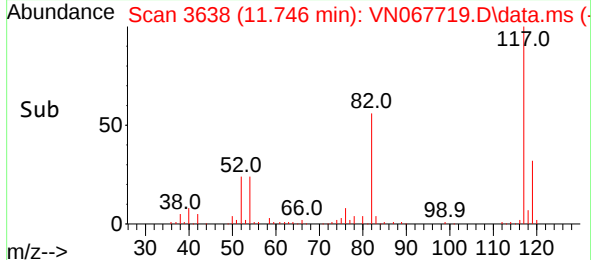
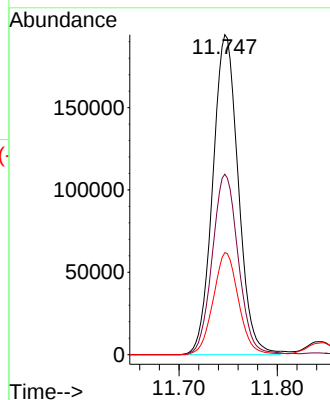
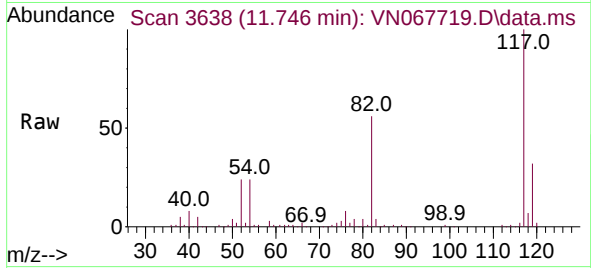
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 350441
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 31.7 25.7 38.5

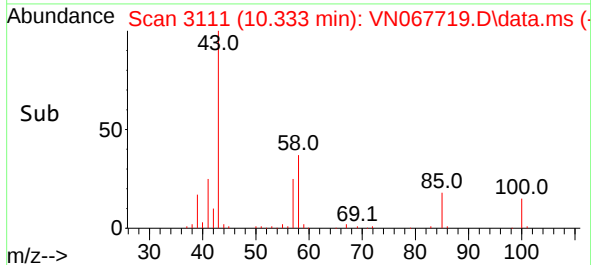
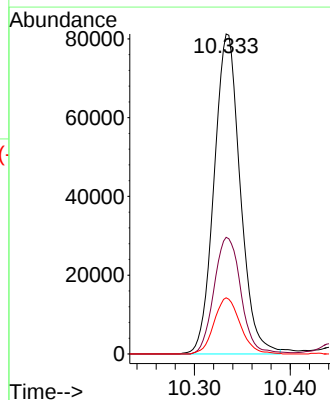
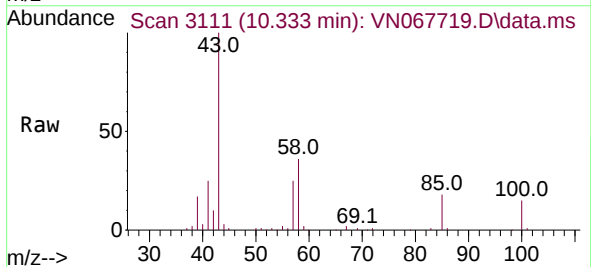
Manual Integrations
APPROVED

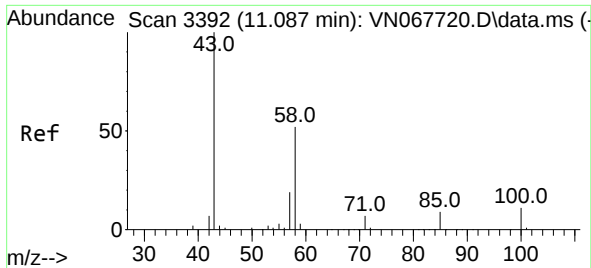
MMDadoda
7/16/2021 10:42:27 AM



#58
4-Methyl-2-Pentanone
Concen: 25.887 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 43 Resp: 153733
Ion Ratio Lower Upper
43 100
58 37.6 29.9 44.9
85 17.6 14.1 21.1





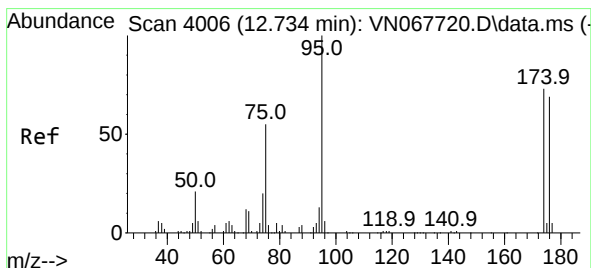
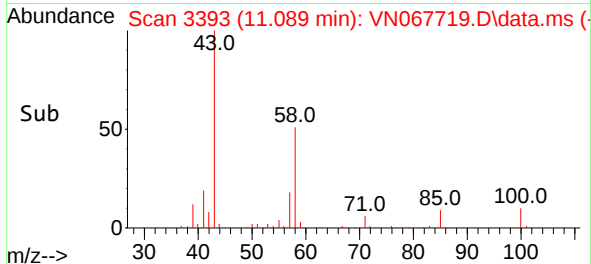
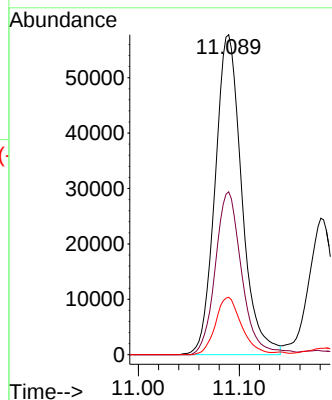
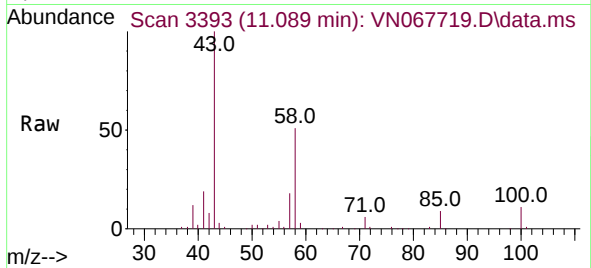
#59
2-Hexanone
Concen: 25.272 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 105834
Ion Ratio Lower Upper
43 100
58 50.6 41.5 62.3
57 17.6 15.1 22.7

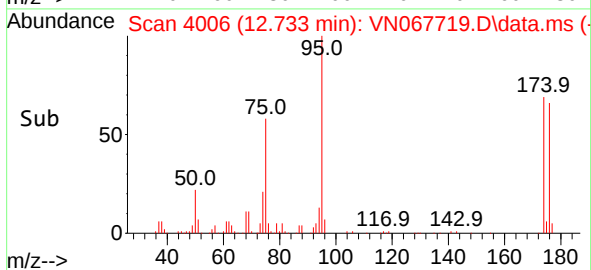
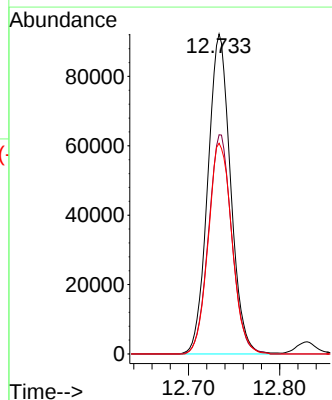
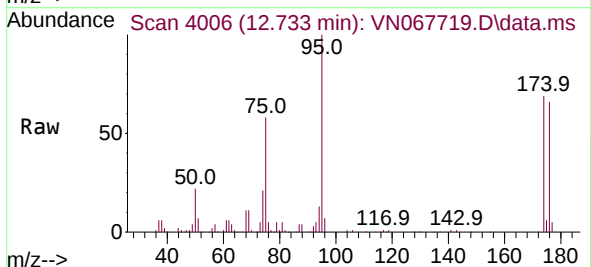
Manual Integrations
APPROVED

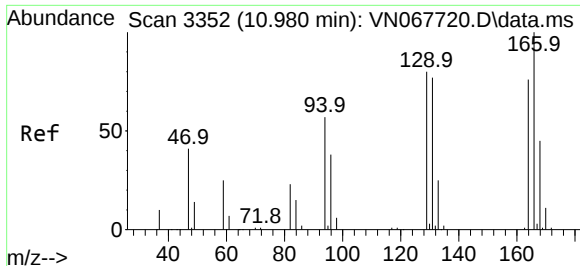
MMDadoda
7/16/2021 10:42:27 AM



#60
4-Bromofluorobenzene
Concen: 28.425 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

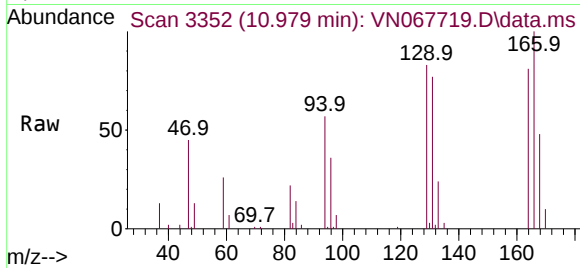
Tgt Ion: 95 Resp: 160123
Ion Ratio Lower Upper
95 100
174 70.2 57.1 85.7
176 68.6 54.6 81.8





#61
Tetrachloroethene
Concen: 5.423 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

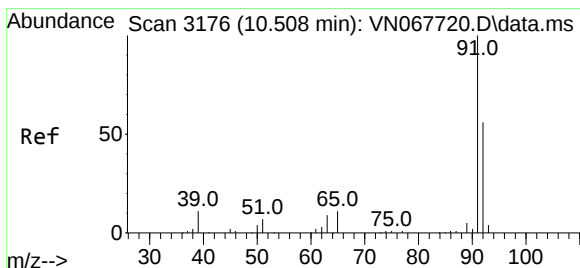
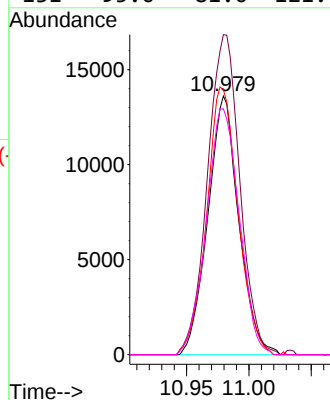
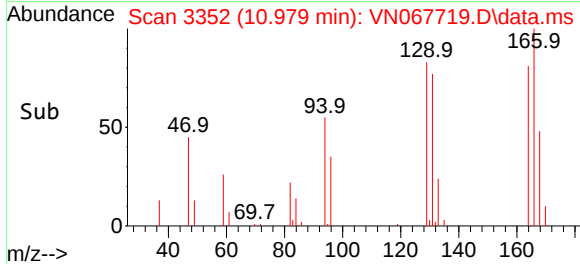
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



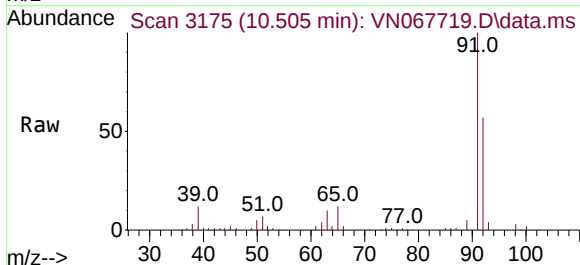
Tgt Ion:164 Resp: 23495
Ion Ratio Lower Upper
164 100
166 123.7 105.5 158.3
129 102.4 84.5 126.7
131 95.0 81.0 121.4

Manual Integrations
APPROVED

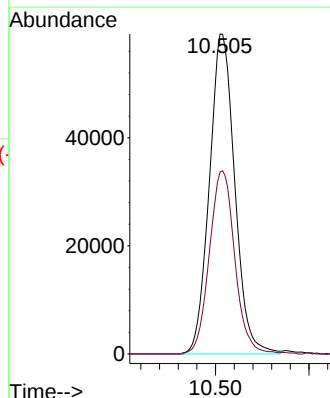
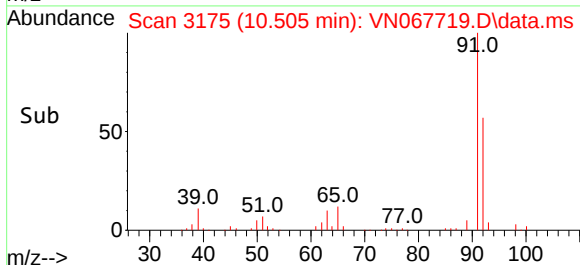
MMDadoda
7/16/2021 10:42:27 AM

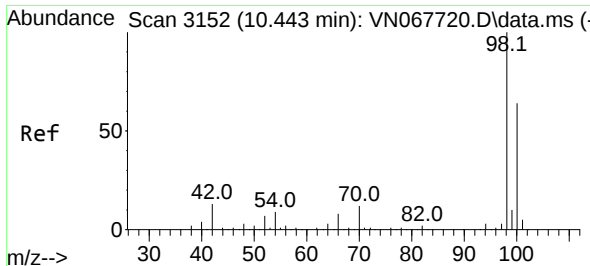


#62
Toluene
Concen: 5.504 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



Tgt Ion: 91 Resp: 111966
Ion Ratio Lower Upper
91 100
92 57.2 44.8 67.2





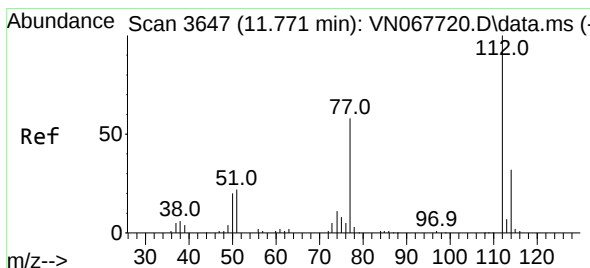
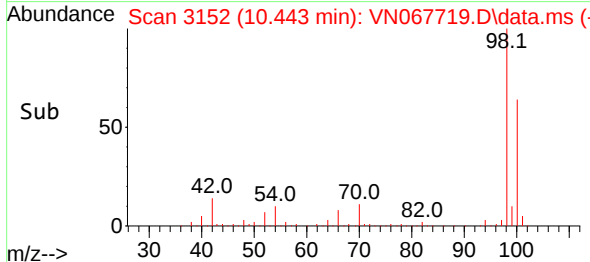
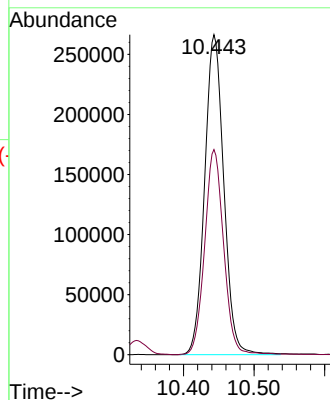
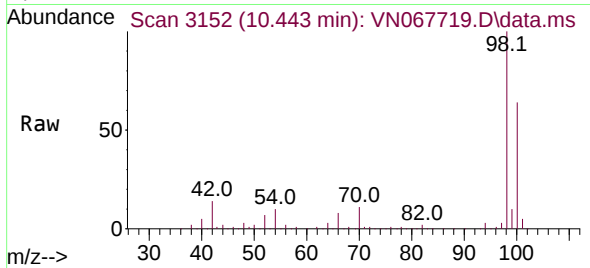
#63
Toluene-d8
Concen: 31.333 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 98 Resp: 502991
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

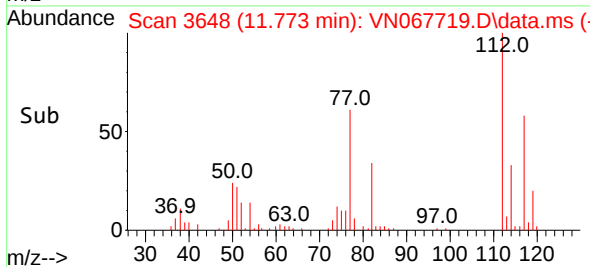
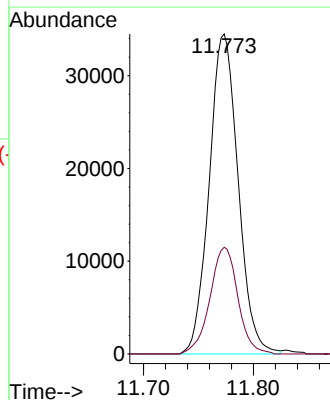
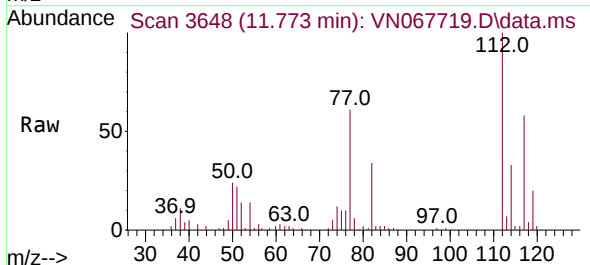
Manual Integrations
APPROVED

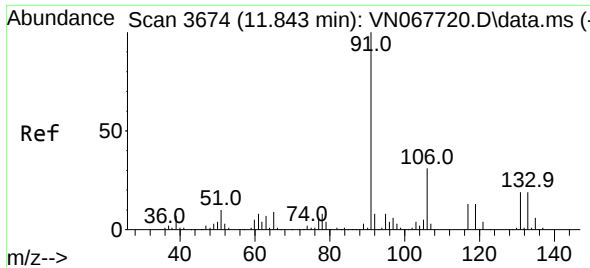
MMDadoda
7/16/2021 10:42:27 AM



#64
Chlorobenzene
Concen: 5.138 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 112 Resp: 63030
Ion Ratio Lower Upper
112 100
114 33.3 25.2 37.8





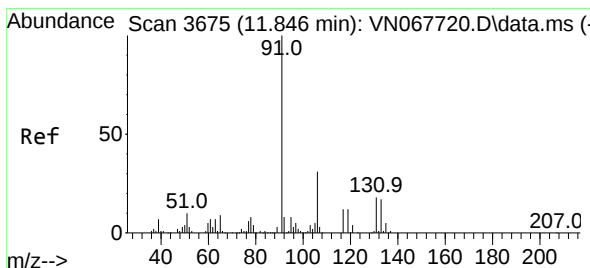
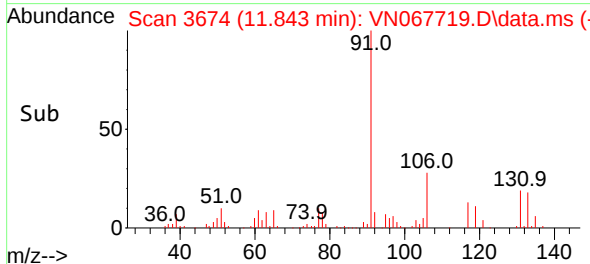
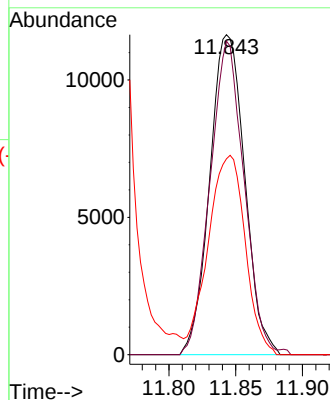
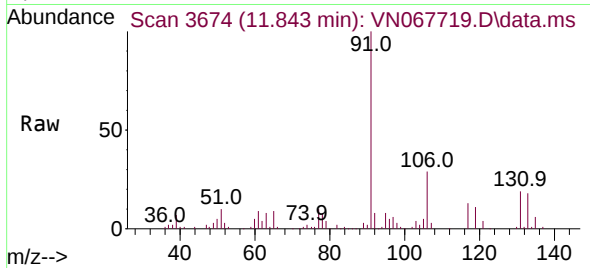
#65
1,1,1,2-Tetrachloroethane
Concen: 4.652 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	131	Resp:	21226
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	192.6
119	66.1	0.0	133.8

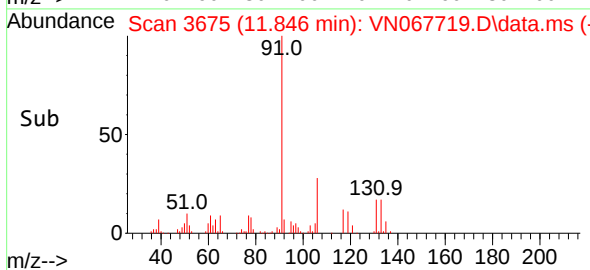
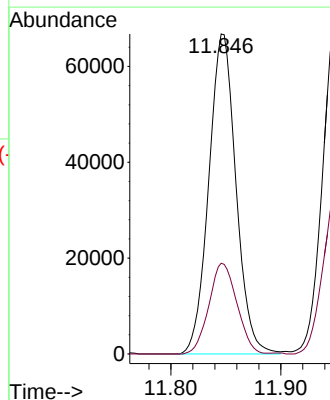
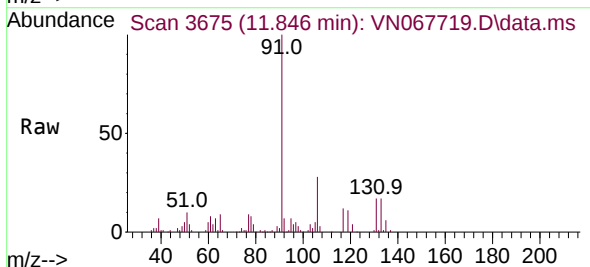
Manual Integrations
APPROVED

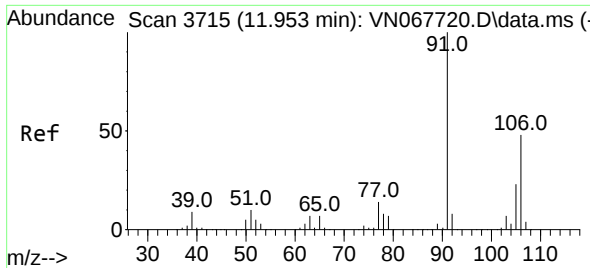
MMDadoda
7/16/2021 10:42:27 AM



#66
Ethyl Benzene
Concen: 5.092 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:	91	Resp:	114663
Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.6	37.0





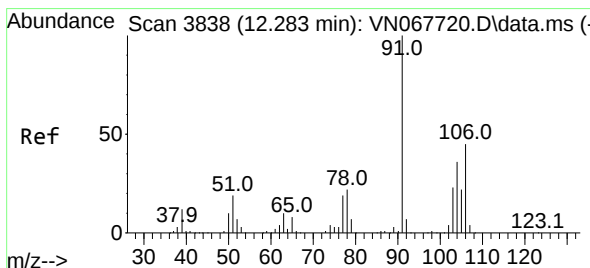
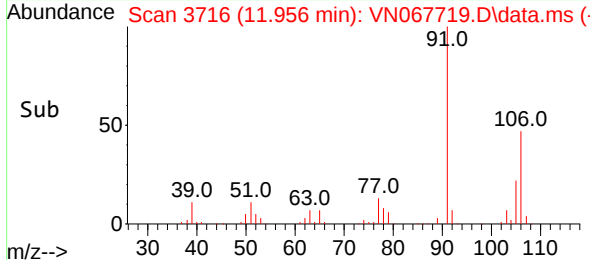
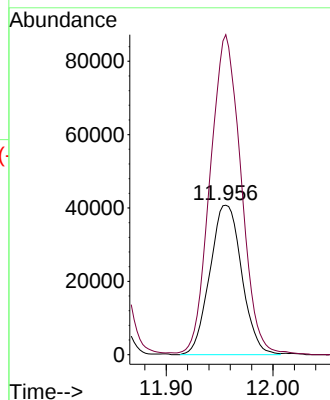
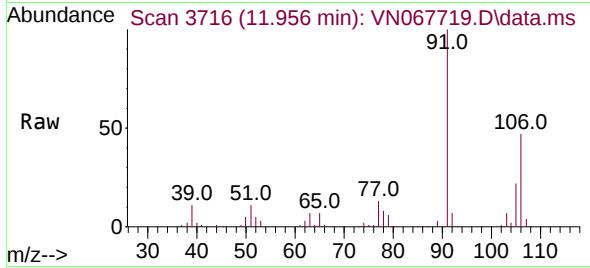
#67
m/p-Xylenes
Concen: 9.805 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:106 Resp: 84449
Ion Ratio Lower Upper
106 100
91 204.2 166.6 250.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

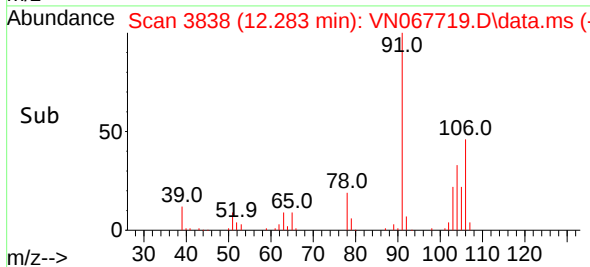
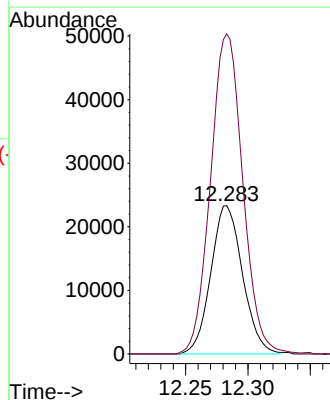
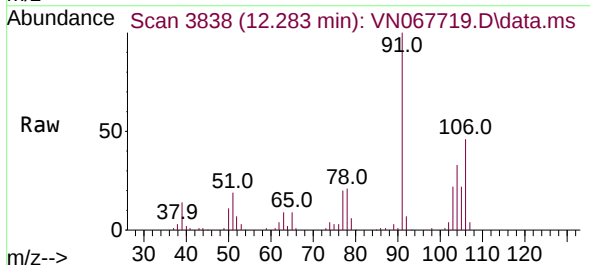
Manual Integrations
APPROVED

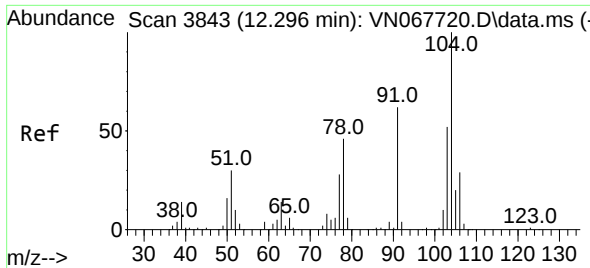
MMDadoda
7/16/2021 10:42:27 AM



#68
o-Xylene
Concen: 4.853 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:106 Resp: 41329
Ion Ratio Lower Upper
106 100
91 219.1 109.6 328.8





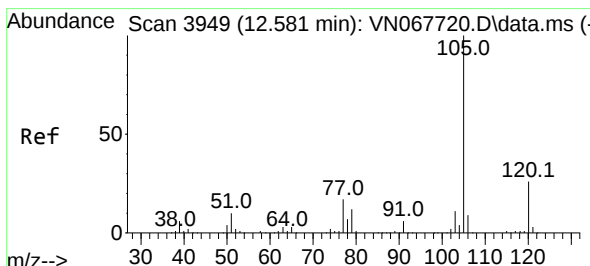
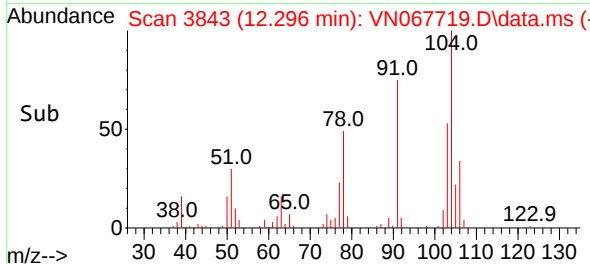
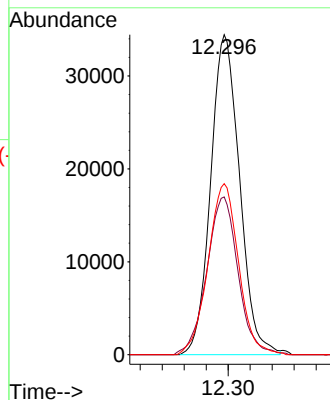
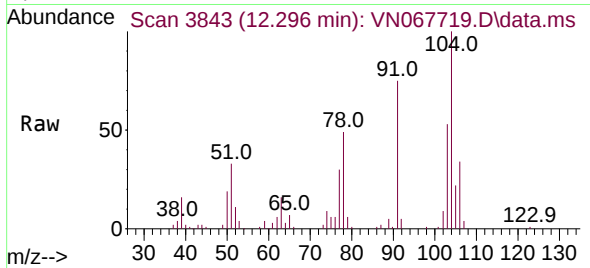
#69
Styrene
Concen: 4.507 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	40.8	61.2
103	56.5	44.9	67.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

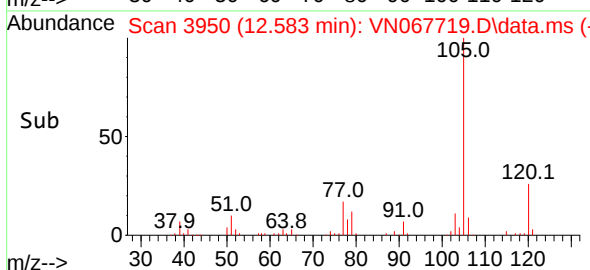
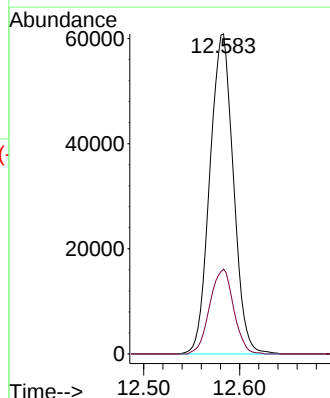
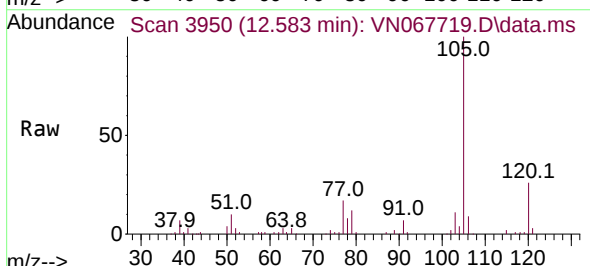
Manual Integrations
APPROVED

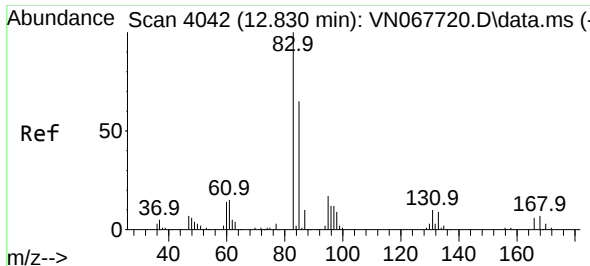
MMDadoda
7/16/2021 10:42:27 AM



#70
Isopropylbenzene
Concen: 4.727 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	17.9	33.3





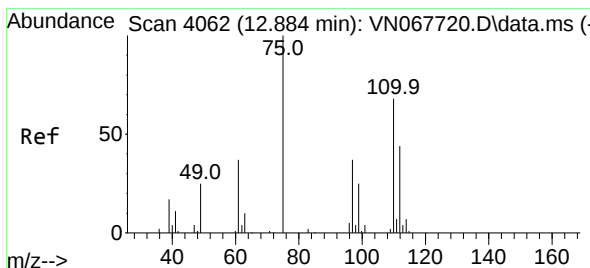
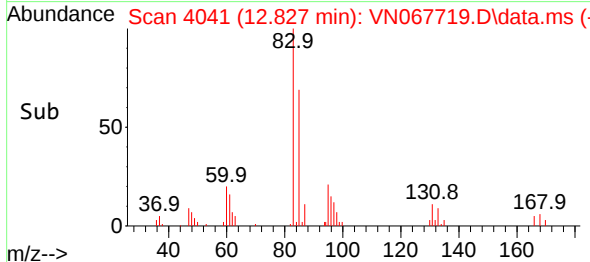
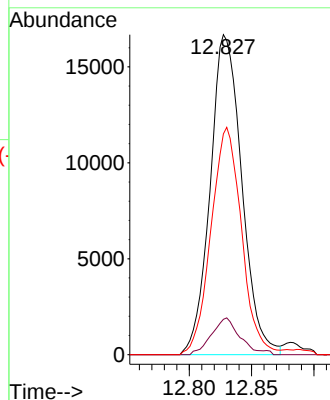
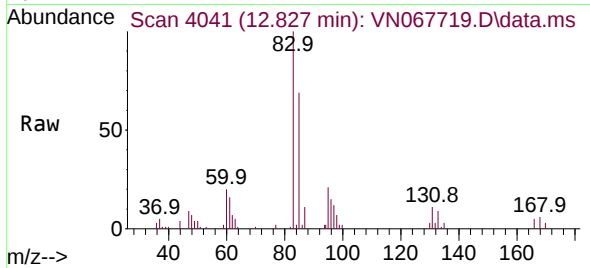
#71
1,1,2,2-Tetrachloroethane
Concen: 4.738 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 83 Resp: 29479
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 68.5 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

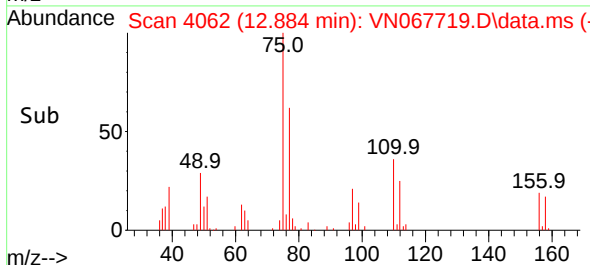
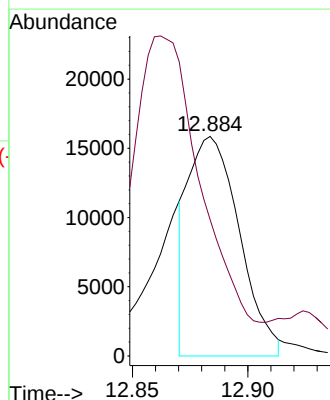
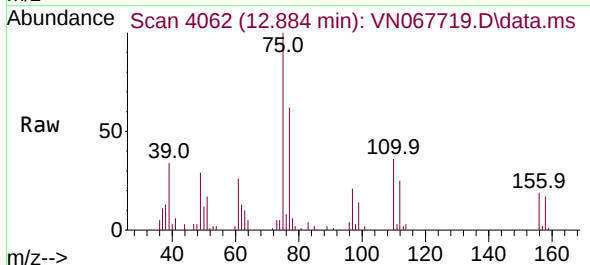
Manual Integrations
APPROVED

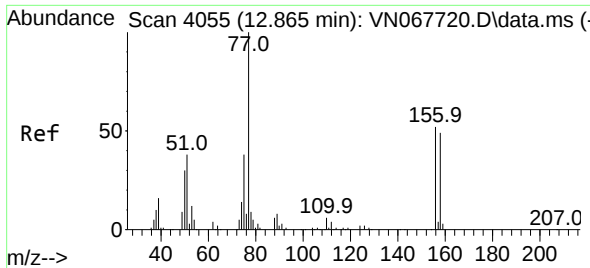
MMDadoda
7/16/2021 10:42:27 AM



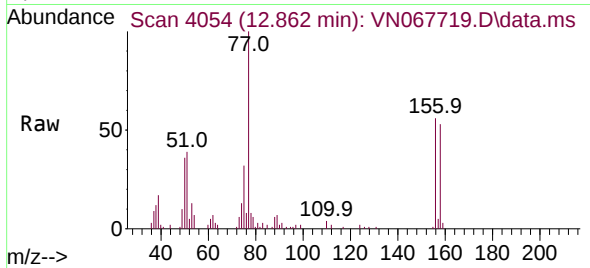
#72
1,2,3-Trichloropropane
Concen: 4.596 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 75 Resp: 24432
Ion Ratio Lower Upper
75 100
77 207.2 0.0 365.2

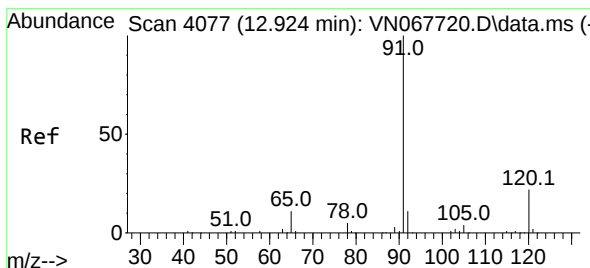
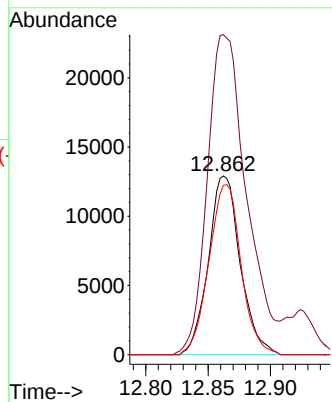
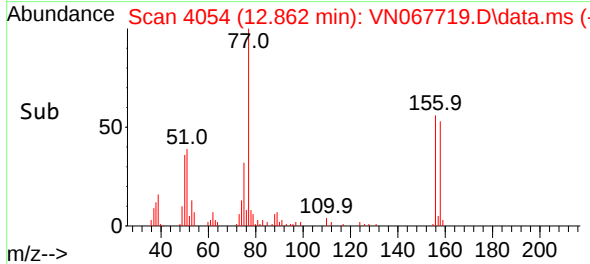




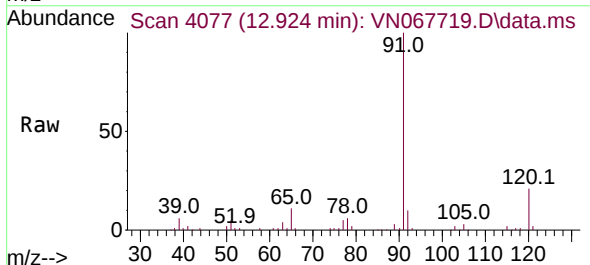
#73
Bromobenzene
Concen: 4.559 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



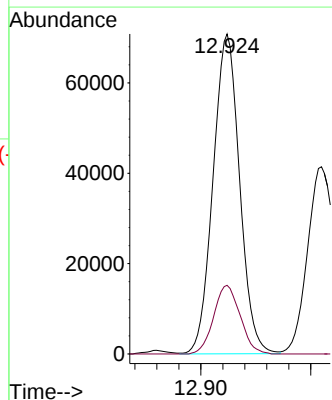
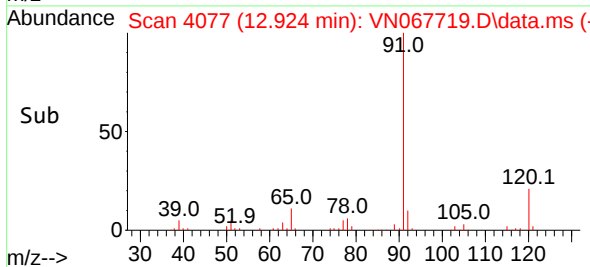
Tgt Ion:156 Resp: 23009
Ion Ratio Lower Upper
156 100
77 220.0 0.0 436.4
158 95.7 0.0 191.4



#74
n-propylbenzene
Concen: 4.738 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



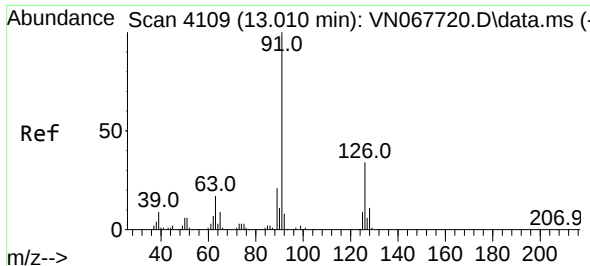
Tgt Ion: 91 Resp: 118564
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



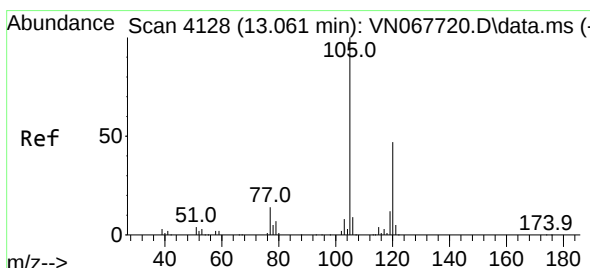
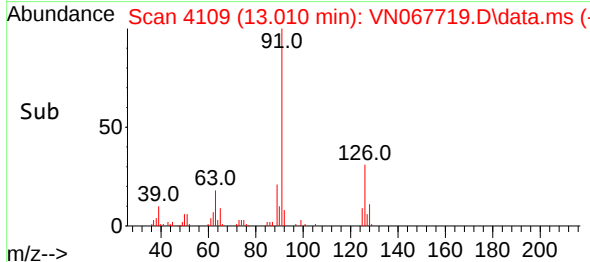
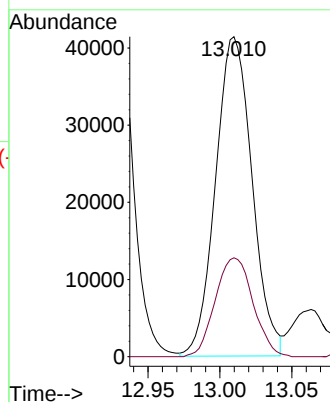
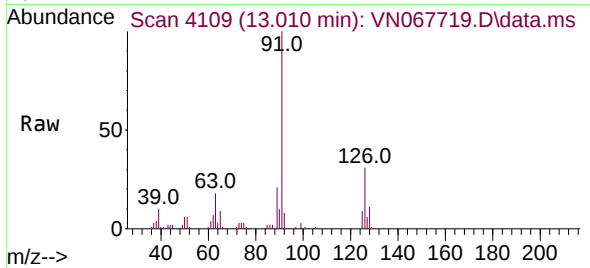
#75
2-Chlorotoluene
Concen: 4.862 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 73062
Ion Ratio Lower Upper
91 100
126 32.0 0.0 66.2

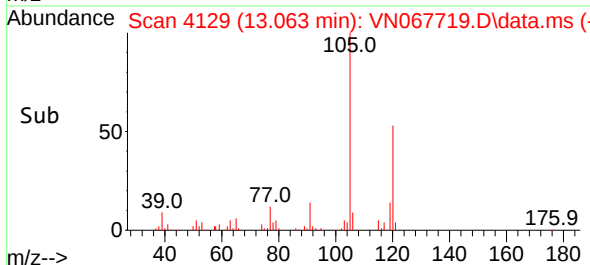
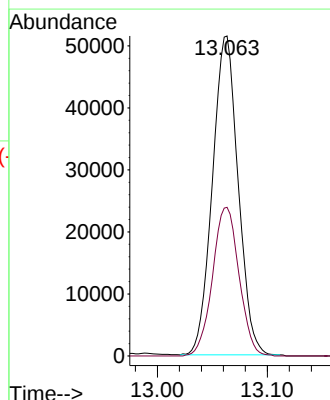
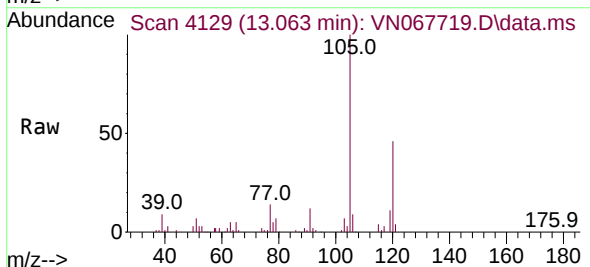
Manual Integrations
APPROVED

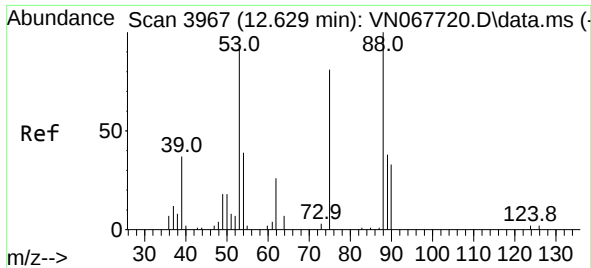
MMDadoda
7/16/2021 10:42:27 AM



#76
1,3,5-Trimethylbenzene
Concen: 4.598 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 105 Resp: 83509
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.2





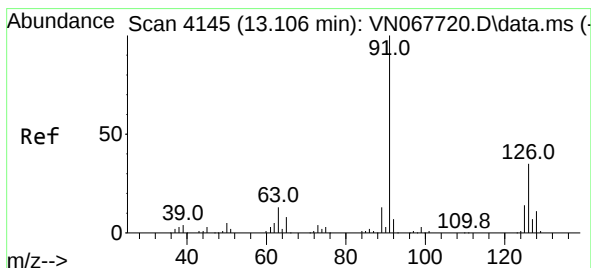
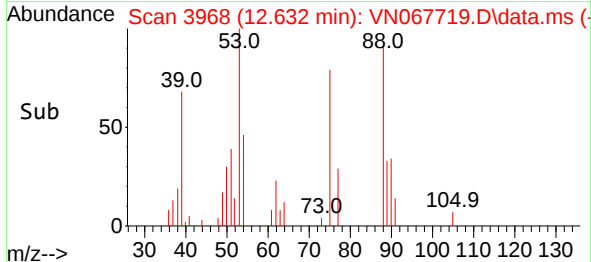
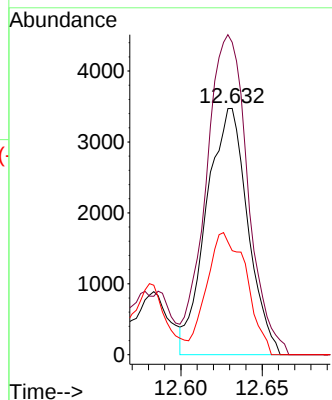
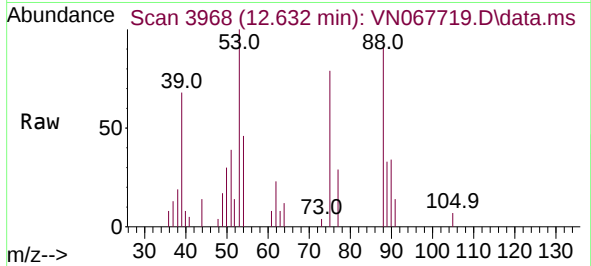
#77
t-1,4-Dichloro-2-butene
Concen: 3.405 ug/l
RT: 12.632 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion: 75 Resp: 6123
Ion Ratio Lower Upper
75 100
53 120.9 57.0 171.0
89 42.2 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

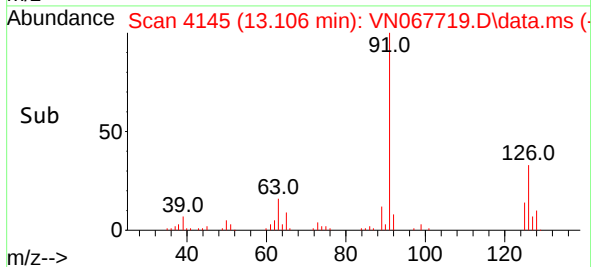
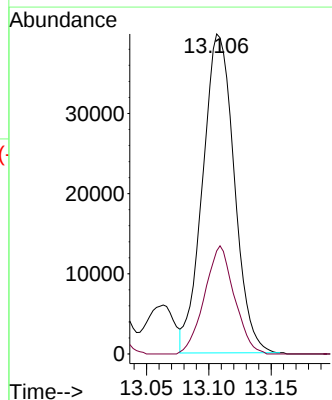
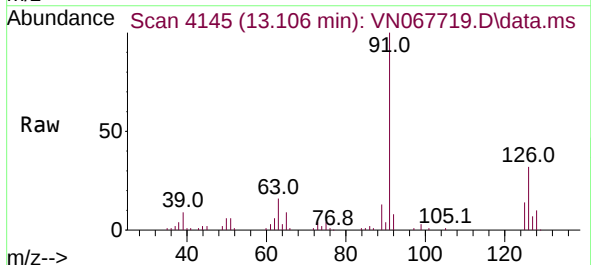
Manual Integrations
APPROVED

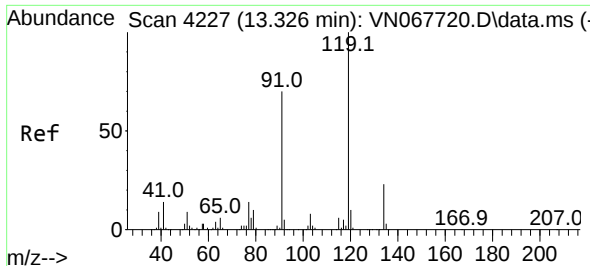
MMDadoda
7/16/2021 10:42:27 AM



#78
4-Chlorotoluene
Concen: 4.710 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

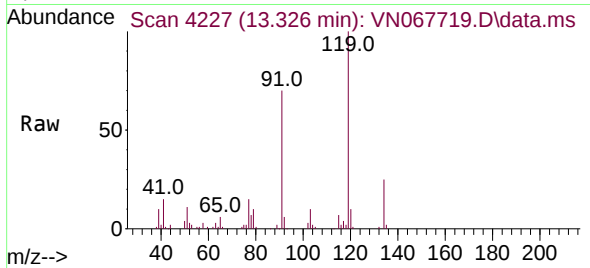
Tgt Ion: 91 Resp: 70155
Ion Ratio Lower Upper
91 100
126 32.0 0.0 66.4





#79
tert-butylbenzene
Concen: 4.606 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

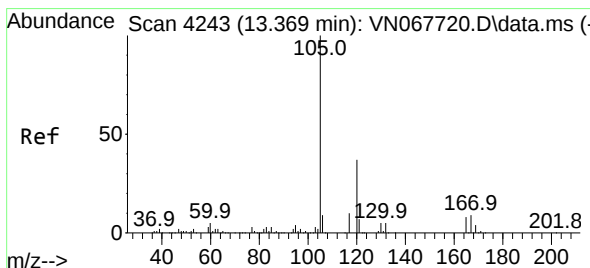
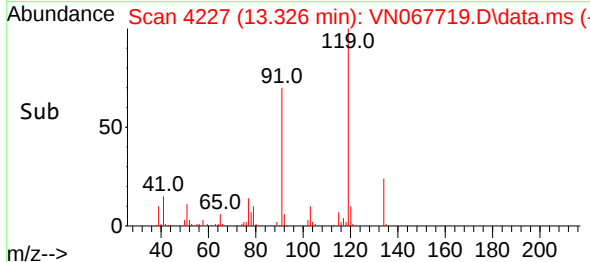
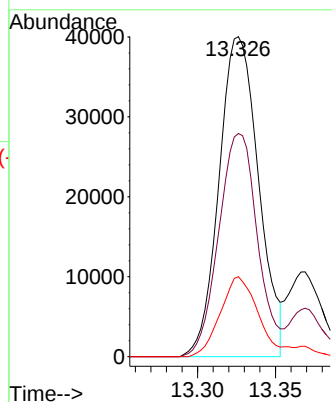
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:119 Resp: 70906
Ion Ratio Lower Upper
119 100
91 69.0 0.0 137.2
134 23.4 0.0 50.2

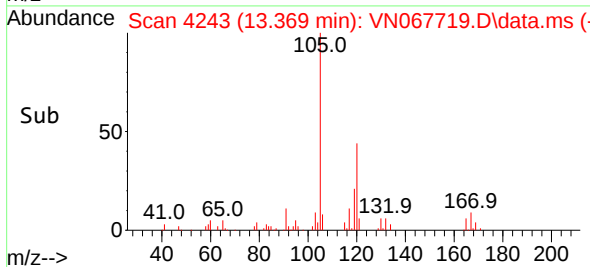
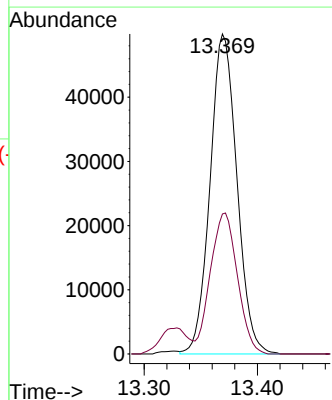
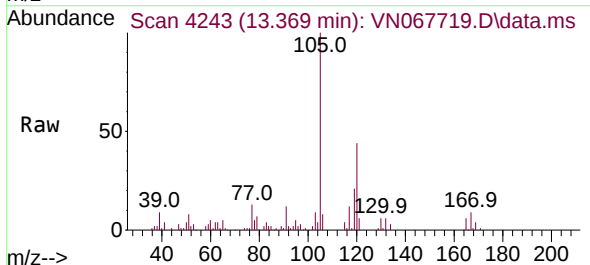
Manual Integrations
APPROVED

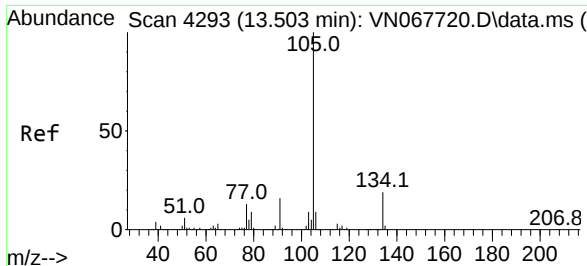
MMDadoda
7/16/2021 10:42:27 AM



#80
1,2,4-Trimethylbenzene
Concen: 4.592 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

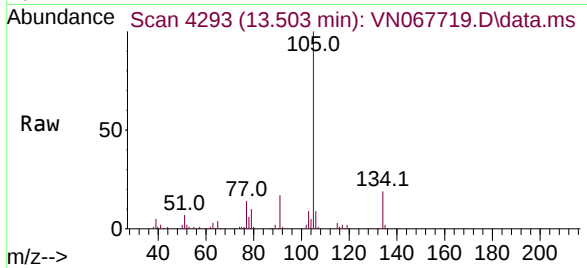
Tgt Ion:105 Resp: 82091
Ion Ratio Lower Upper
105 100
120 44.3 0.0 0.2#





#81
sec-Butylbenzene
Concen: 4.598 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

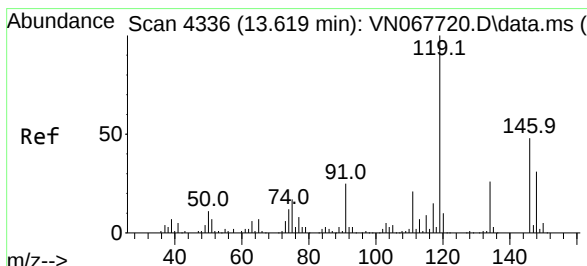
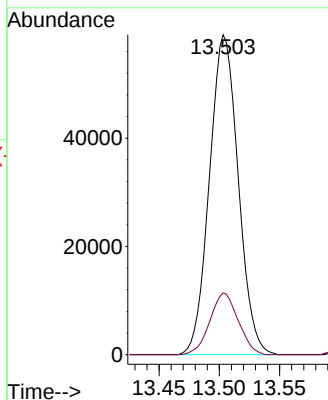
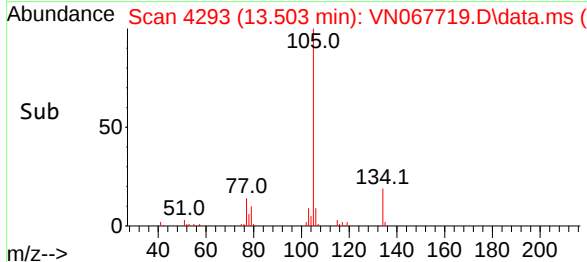
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



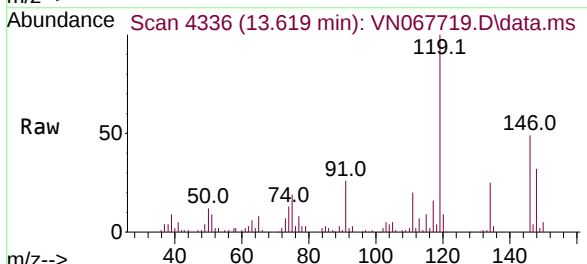
Tgt Ion:105 Resp: 98261
Ion Ratio Lower Upper
105 100
134 19.0 0.0 38.4

Manual Integrations
APPROVED

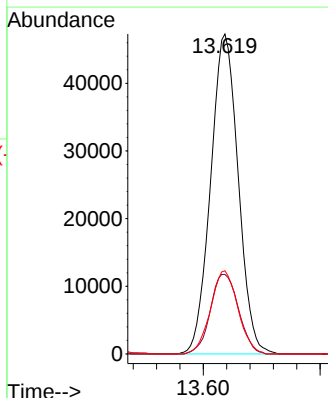
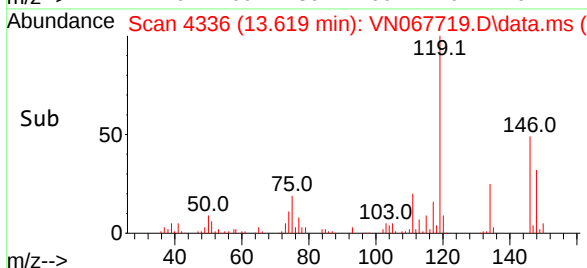
MMDadoda
7/16/2021 10:42:27 AM

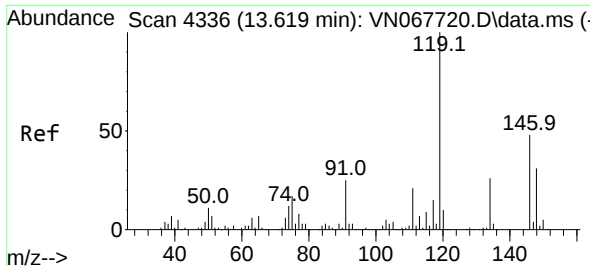


#82
p-Isopropyltoluene
Concen: 4.352 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



Tgt Ion:119 Resp: 77497
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.0
91 25.8 0.0 50.6





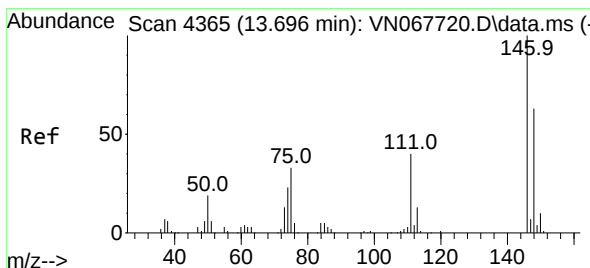
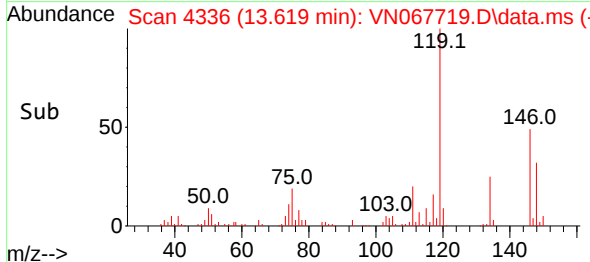
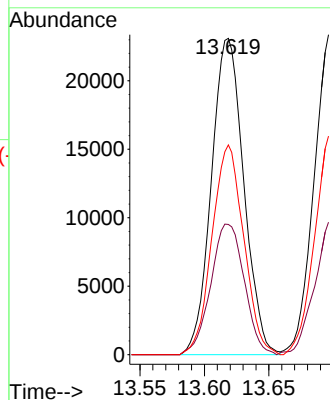
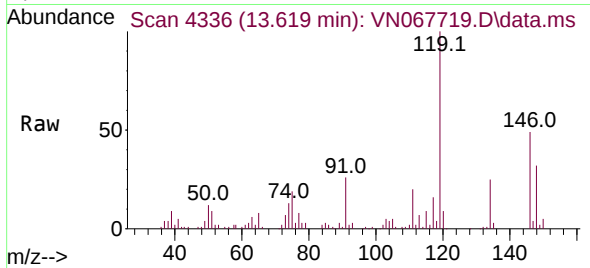
#83
1,3-Dichlorobenzene
Concen: 4.283 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

Tgt Ion:146 Resp: 40386
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.1
148 64.9 31.9 95.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

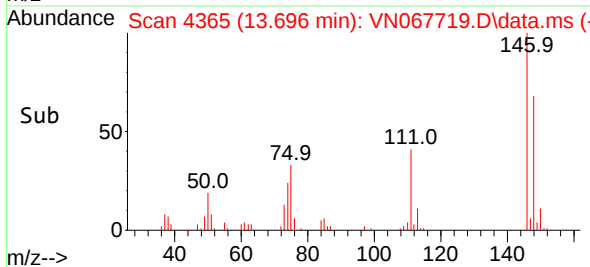
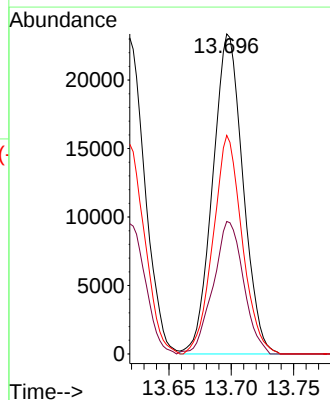
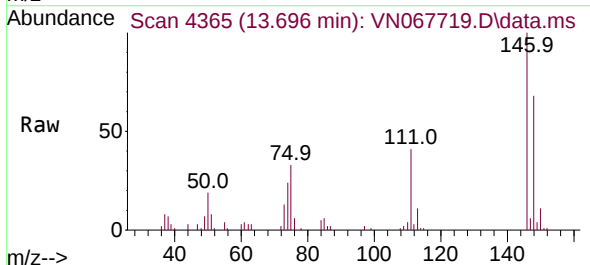
Manual Integrations
APPROVED

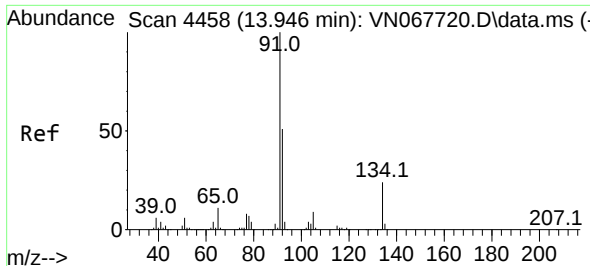
MMDadoda
7/16/2021 10:42:27 AM



#84
1,4-Dichlorobenzene
Concen: 4.323 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

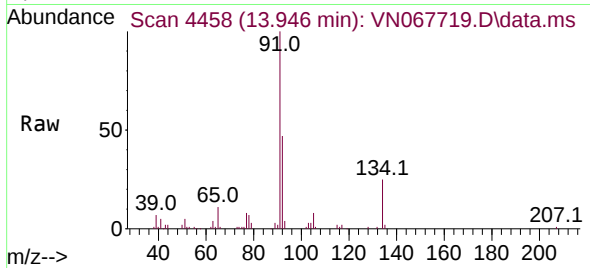
Tgt Ion:146 Resp: 39469
Ion Ratio Lower Upper
146 100
111 41.4 20.0 59.9
148 65.6 31.8 95.3





#85
n-Butylbenzene
Concen: 4.555 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

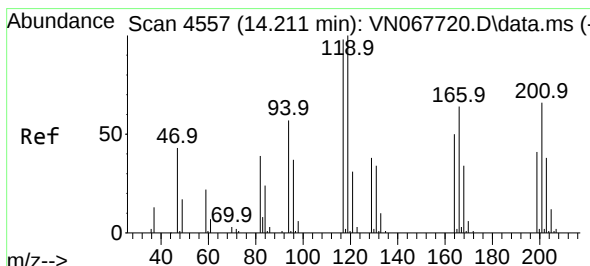
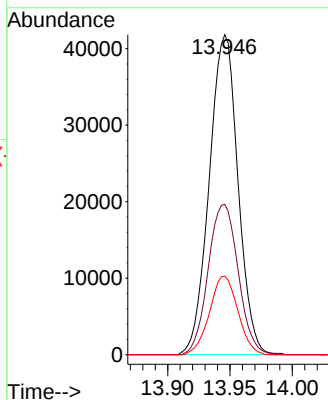
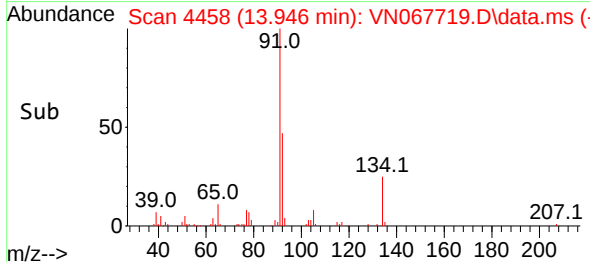
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



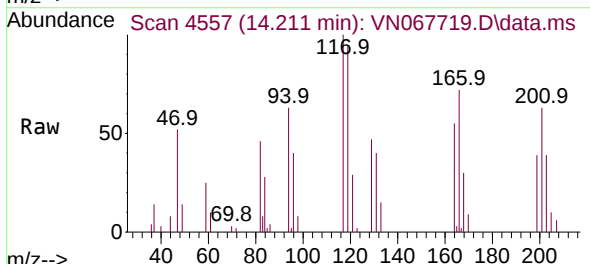
Tgt Ion: 91 Resp: 67203
Ion Ratio Lower Upper
91 100
92 49.0 0.0 102.6
134 24.2 0.0 48.6

Manual Integrations
APPROVED

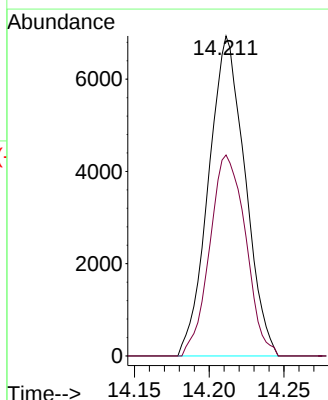
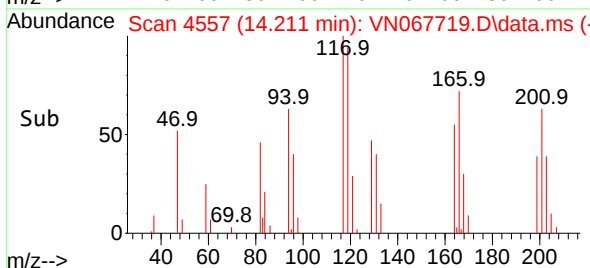
MMDadoda
7/16/2021 10:42:27 AM

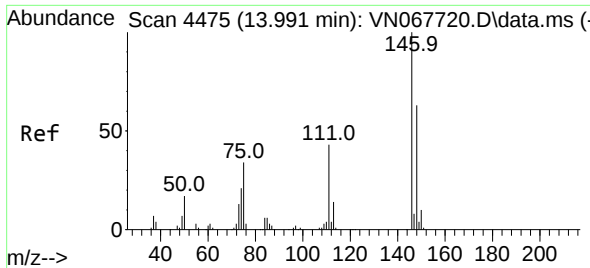


#86
Hexachloroethane
Concen: 3.868 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



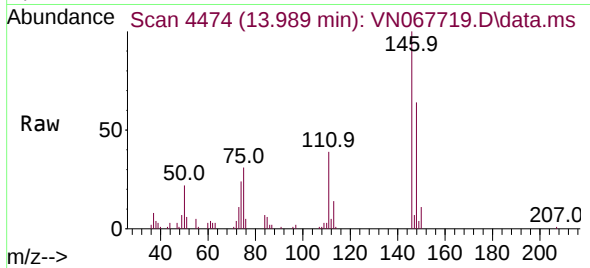
Tgt Ion: 117 Resp: 11762
Ion Ratio Lower Upper
117 100
201 61.9 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 4.444 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

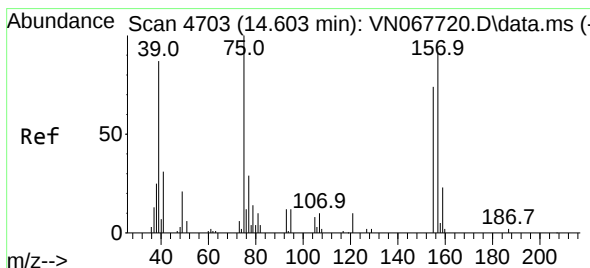
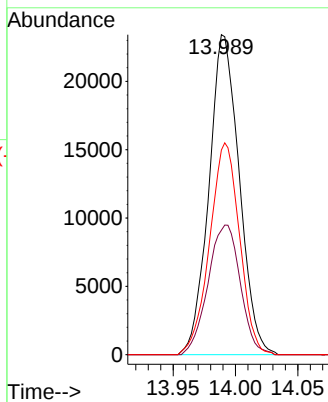
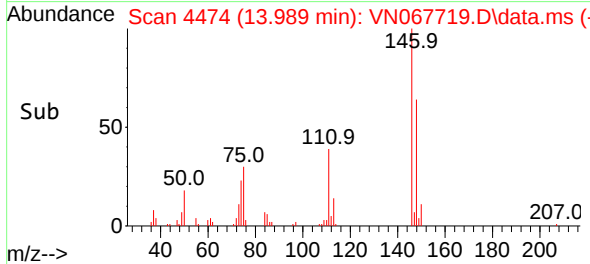
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



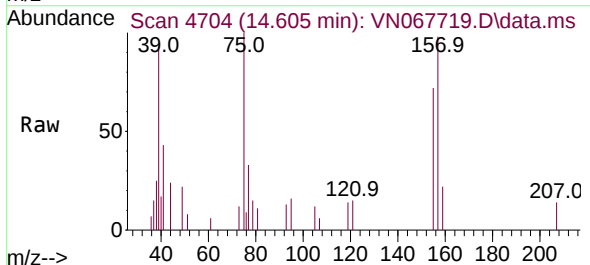
Tgt Ion:146 Resp: 39643
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 65.4 31.7 95.1

Manual Integrations
APPROVED

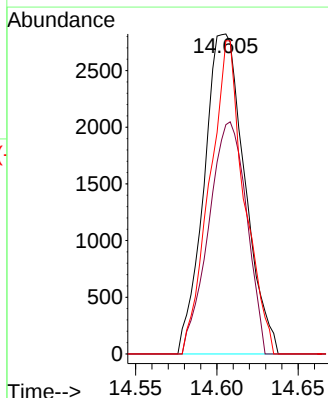
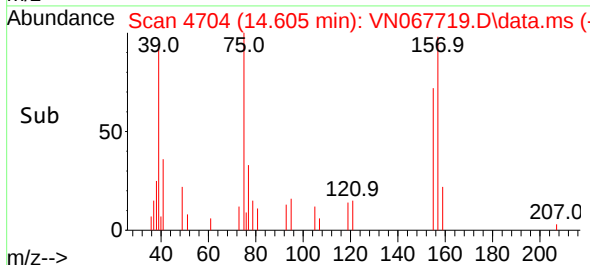
MMDadoda
7/16/2021 10:42:27 AM

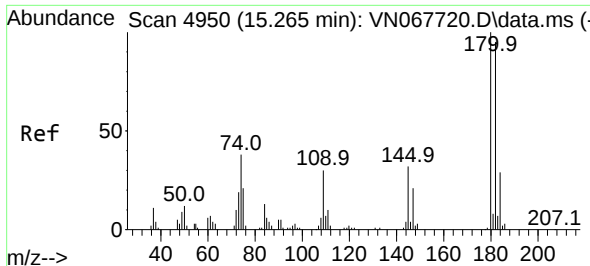


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.353 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



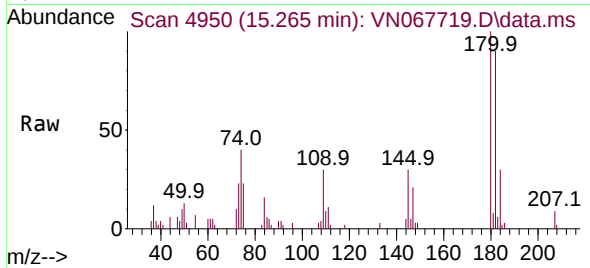
Tgt Ion: 75 Resp: 4918
Ion Ratio Lower Upper
75 100
155 67.5 59.2 88.8
157 83.3 75.4 113.2





#89
1,2,4-Trichlorobenzene
Concen: 3.657 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

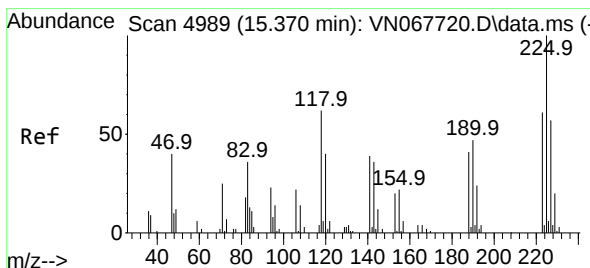
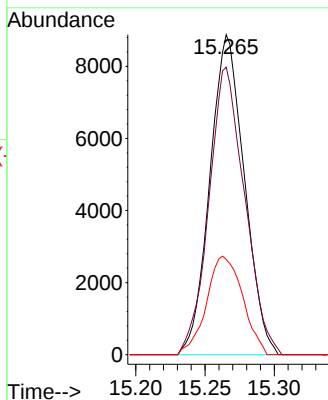
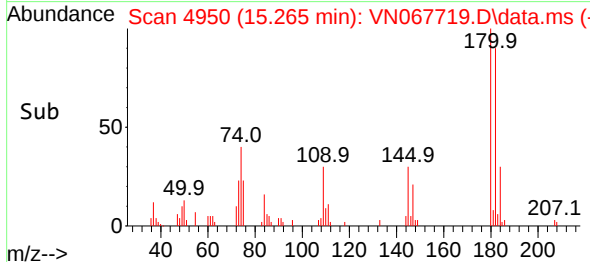
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



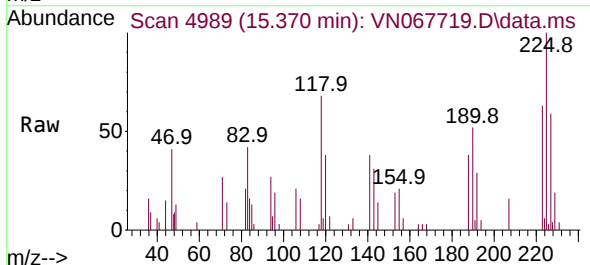
Tgt Ion:180 Resp: 15368
Ion Ratio Lower Upper
180 100
182 92.9 74.5 111.7
145 32.3 25.4 38.0

Manual Integrations
APPROVED

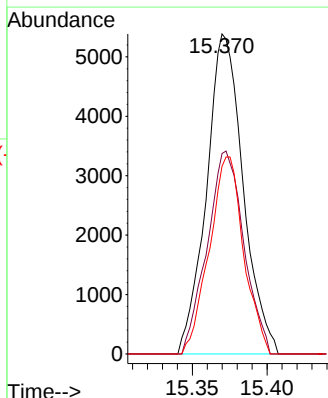
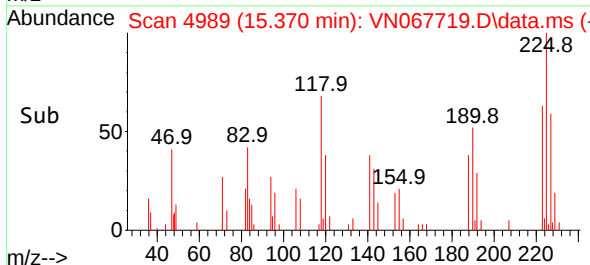
MMDadoda
7/16/2021 10:42:27 AM

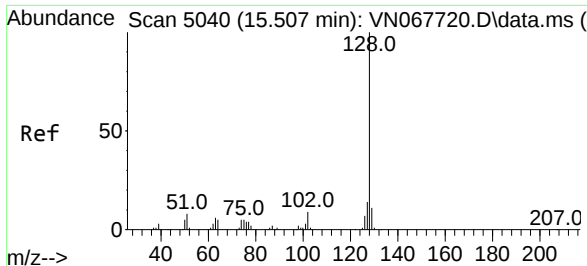


#90
Hexachlorobutadiene
Concen: 4.586 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



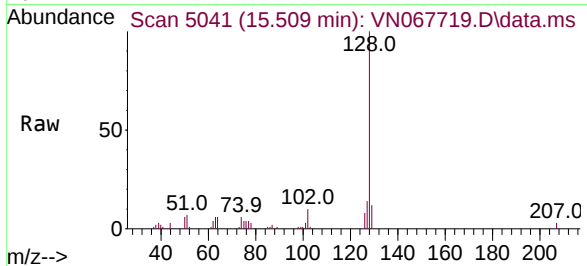
Tgt Ion:225 Resp: 9173
Ion Ratio Lower Upper
225 100
223 63.5 0.0 124.6
227 57.8 0.0 115.6





#91
Naphthalene
Concen: 3.898 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04

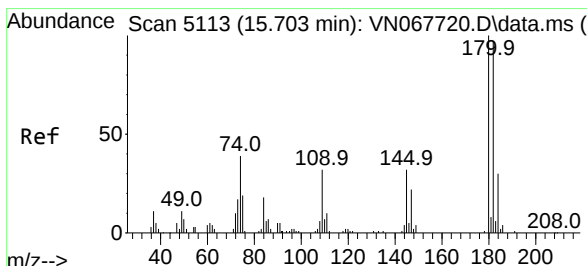
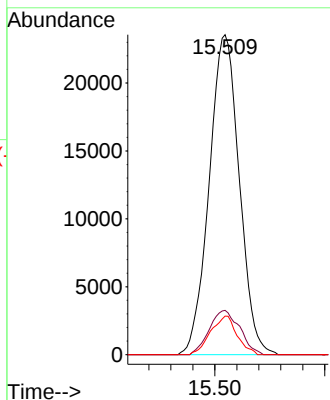
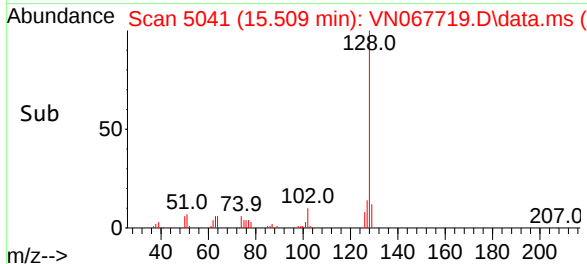
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



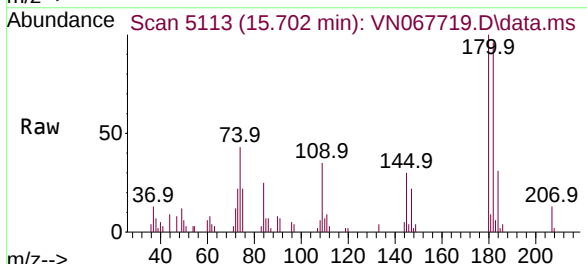
Tgt Ion:128 Resp: 44830
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 10.6 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:42:27 AM



#92
1,2,3-Trichlorobenzene
Concen: 3.908 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067719.D
Acq: 13 Jul 2021 16:04



Tgt Ion:180 Resp: 15624
Ion Ratio Lower Upper
180 100
182 93.0 0.0 190.8
145 32.0 0.0 68.2

