

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067721.D
 Acq On : 13 Jul 2021 16:59
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:42:30 AM

Quant Time: Jul 14 01:08:17 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	79959	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	470230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	457894	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	197009	30.832	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.767%	
60) 4-Bromofluorobenzene	12.733	95	229053	31.120	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.733%	
63) Toluene-d8	10.443	98	632071	30.134	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	197291	48.085	ug/l	97
3) Chloromethane	2.301	50	245076	47.858	ug/l	99
4) Vinyl Chloride	2.443	62	389890	49.482	ug/l	99
5) Bromomethane	2.848	94	311903	47.127	ug/l	96
6) Chloroethane	3.014	64	298254	51.313	ug/l	99
7) Trichlorofluoromethane	3.371	101	730382	49.253	ug/l	98
8) Diethyl Ether	3.819	74	138478	50.529	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.205	101	200068m	46.759	ug/l	
10) 1,1-Dichloroethene	4.173	96	184805	46.364	ug/l	95
11) Methyl Iodide	4.411	142	250693	48.599	ug/l	98
12) Methyl Acetate	4.857	43	256057	47.982	ug/l	100
13) Acrolein	4.039	56	125861	203.951	ug/l #	46
14) Acrylonitrile	5.554	53	577381	250.486	ug/l	99
15) Acetone	4.288	58	137508	221.005	ug/l	90
16) Carbon Disulfide	4.524	76	490039	46.475	ug/l	98
17) Allyl chloride	4.835	41	336098	49.438	ug/l	97
18) Methylene Chloride	5.098	84	237121	45.676	ug/l	96
19) trans-1,2-Dichloroethene	5.594	96	222286	47.633	ug/l	97
20) Diisopropyl ether	6.501	45	823040	51.526	ug/l	95
21) 1,1-Dichloroethane	6.385	63	439471	49.742	ug/l	100
22) cis-1,2-Dichloroethene	7.327	96	283427	50.144	ug/l	96
23) tert-Butyl Alcohol	5.388	59	207220	229.031	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	782707	49.051	ug/l	98
25) Chloroform	7.817	83	498566	50.930	ug/l	99
26) Cyclohexane	8.096	56	386199	49.982	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	361377	49.501	ug/l	98
30) 2-Butanone	7.340	43	834475	244.228	ug/l	99
31) 2,2-Dichloropropane	7.327	77	403360	48.246	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	444669	49.539	ug/l	98
33) Carbon Tetrachloride	8.206	117	386284	50.457	ug/l	98
34) Benzene	8.461	78	1087499	49.567	ug/l	96
35) Methacrylonitrile	7.638	41	173942	49.831	ug/l	99
36) 1,2-Dichloroethane	8.531	62	403688	50.040	ug/l	99
37) Trichloroethene	9.217	130	277859	48.414	ug/l	99
38) Methylcyclohexane	9.461	83	400869	48.970	ug/l	98
39) 1,2-Dichloropropane	9.491	63	274986	49.772	ug/l	98
40) Dibromomethane	9.579	93	199851	49.256	ug/l	98
41) Bromodichloromethane	9.765	83	397321	50.542	ug/l	98
42) Vinyl Acetate	6.434	43	3474452	254.105	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	346889	48.627	ug/l	99
44) Isopropyl Acetate	8.566	43	623632	50.603	ug/l	98
45) 1,4-Dioxane	9.571	88	94179	985.135	ug/l	96
46) Methyl methacrylate	9.561	41	268604	50.001	ug/l	98
47) n-amyl Acetate	12.390	43	538224	52.560	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	439584	51.349	ug/l	96
49) cis-1,3-Dichloropropene	10.191	75	453938	50.457	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	286339	50.253	ug/l	98
51) Ethyl methacrylate	10.765	69	458258	51.562	ug/l	95
52) 1,3-Dichloropropane	11.047	76	481337	51.180	ug/l	98
53) Dibromochloromethane	11.240	129	313857	51.882	ug/l	97
54) 1,2-Dibromoethane	11.347	107	303127	51.168	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	423942	228.337	ug/l	98
56) Bromoform	12.460	173	215847	50.974	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	1966429	253.418	ug/l	98
59) 2-Hexanone	11.087	43	1395464	255.023	ug/l	98
61) Tetrachloroethene	10.979	164	275729	48.711	ug/l	98
62) Toluene	10.507	91	1320209	49.666	ug/l	99
64) Chlorobenzene	11.773	112	791693	49.390	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	300719	50.439	ug/l	99
66) Ethyl Benzene	11.848	91	1491356	50.690	ug/l	99
67) m/p-Xylenes	11.956	106	1147131	101.928	ug/l	98
68) o-Xylene	12.283	106	564738	50.756	ug/l	98
69) Styrene	12.296	104	948520	51.977	ug/l	99
70) Isopropylbenzene	12.581	105	1476253	51.448	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.830	83	421188	51.810	ug/l	100
72) 1,2,3-Trichloropropane	12.881	75	334712m	48.184	ug/l	
73) Bromobenzene	12.865	156	332396	50.400	ug/l	97
74) n-propylbenzene	12.924	91	1700451	52.006	ug/l	98
75) 2-Chlorotoluene	13.010	91	1015826	51.737	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	1230240	51.838	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	121731	51.811	ug/l	89
78) 4-Chlorotoluene	13.106	91	1021867	52.505	ug/l	98
79) tert-butylbenzene	13.326	119	1051186	52.263	ug/l	97
80) 1,2,4-Trimethylbenzene	13.369	105	1216511m	52.077	ug/l	
81) sec-Butylbenzene	13.503	105	1463203	52.406	ug/l	99
82) p-Isopropyltoluene	13.619	119	1218643	52.376	ug/l	98
83) 1,3-Dichlorobenzene	13.619	146	642516	52.155	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	626631	52.527	ug/l	99
85) n-Butylbenzene	13.946	91	990421	51.372	ug/l	99
86) Hexachloroethane	14.214	117	203639	51.257	ug/l	94
87) 1,2-Dichlorobenzene	13.989	146	617856	53.004	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	77697	52.636	ug/l	92
89) 1,2,4-Trichlorobenzene	15.265	180	271144	49.382	ug/l	98
90) Hexachlorobutadiene	15.373	225	131928	50.481	ug/l	96
91) Naphthalene	15.507	128	776958	51.701	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	257947	49.373	ug/l	100

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

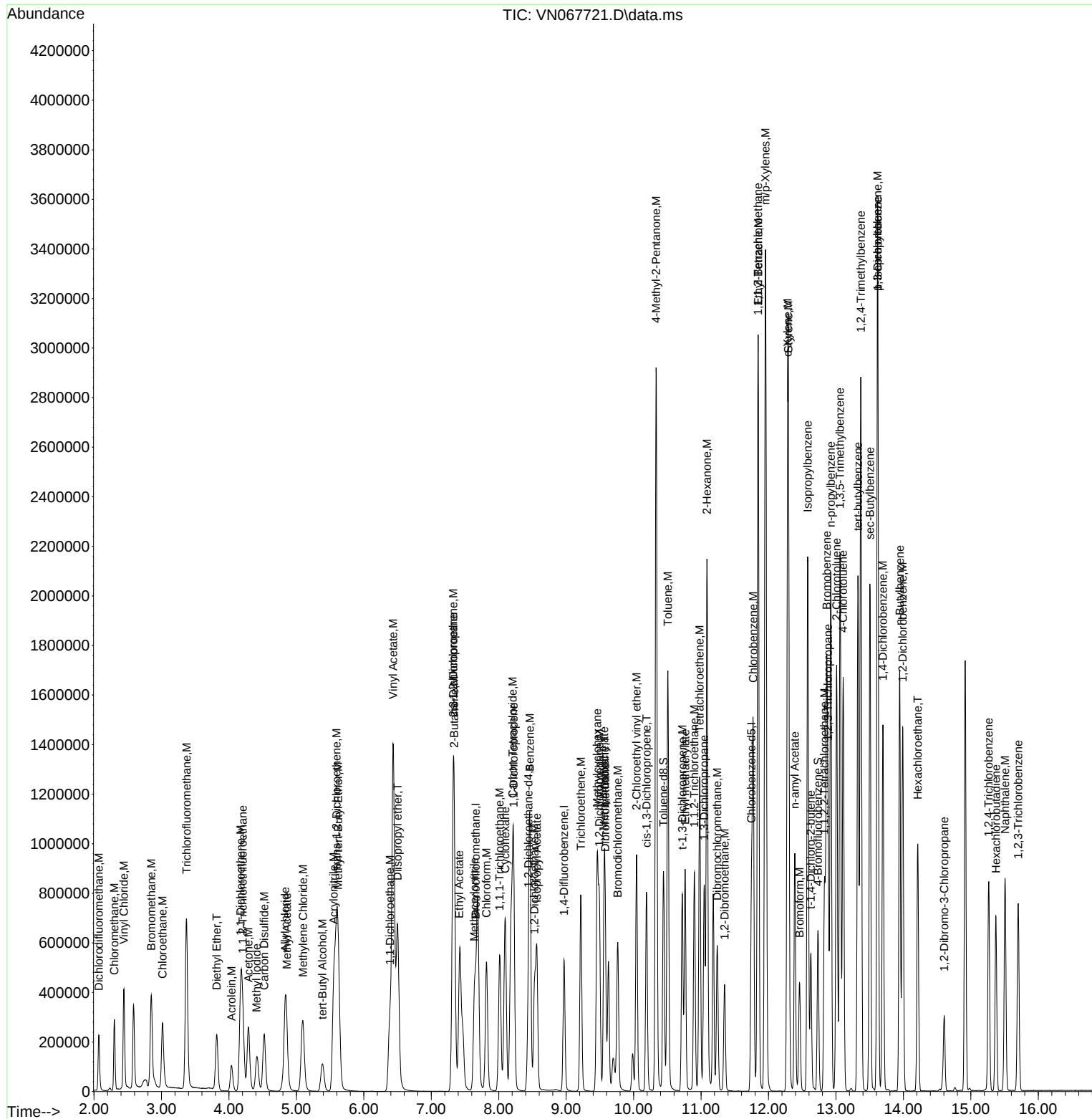
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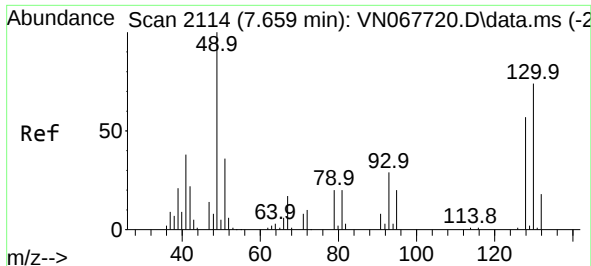
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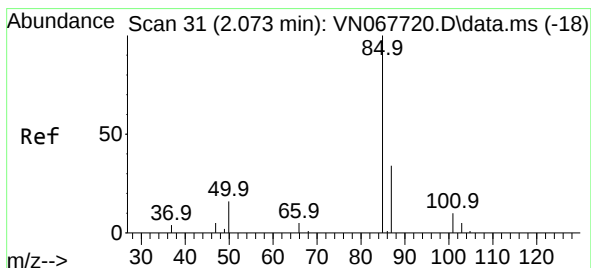
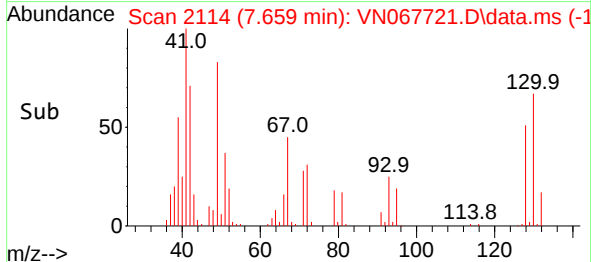
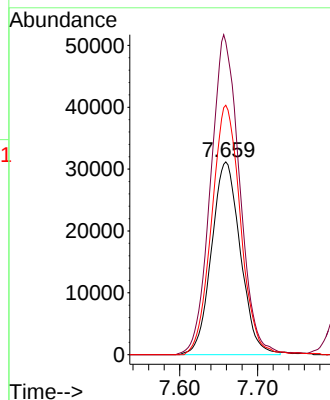
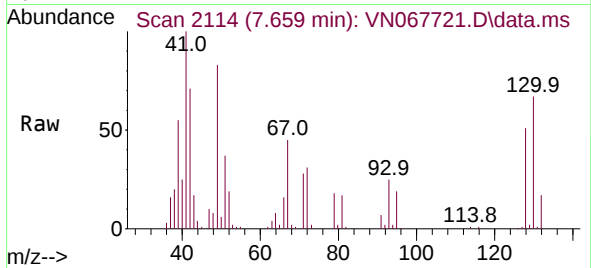
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:128 Resp: 79959
Ion Ratio Lower Upper
128 100
49 166.4 0.0 433.0
130 129.1 0.0 323.8

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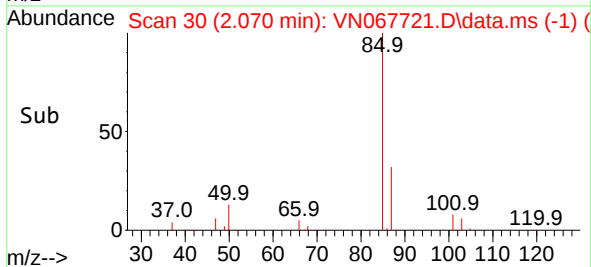
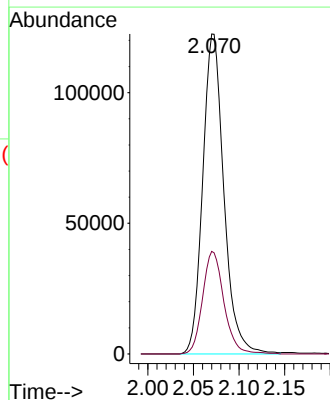
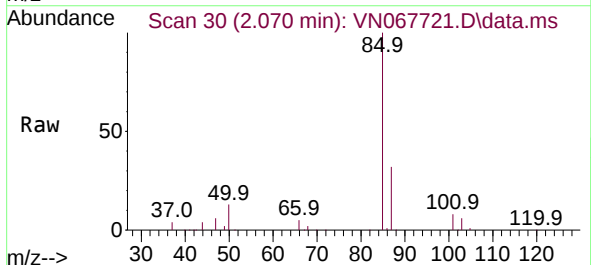
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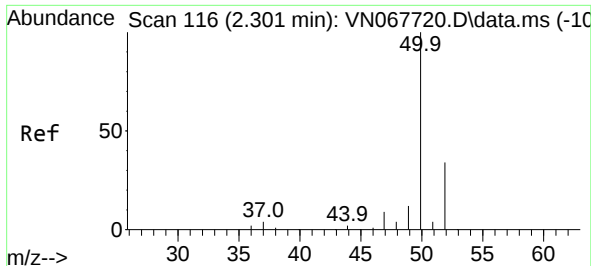
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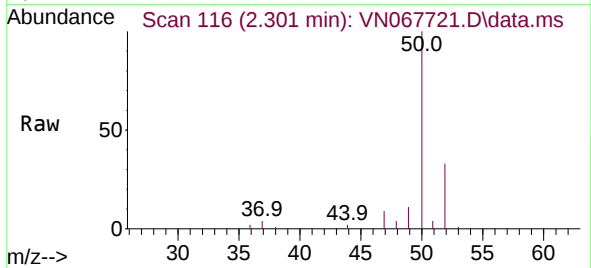
#2
Dichlorodifluoromethane
Concen: 48.085 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 85 Resp: 197291
Ion Ratio Lower Upper
85 100
87 32.0 17.0 50.9

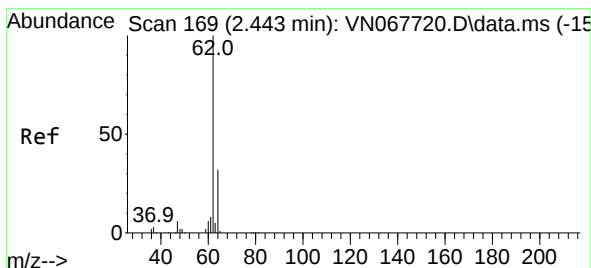
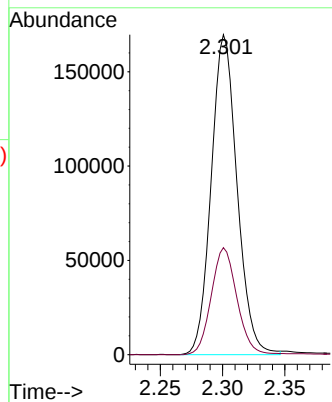
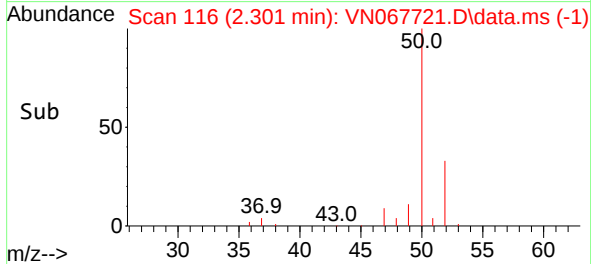




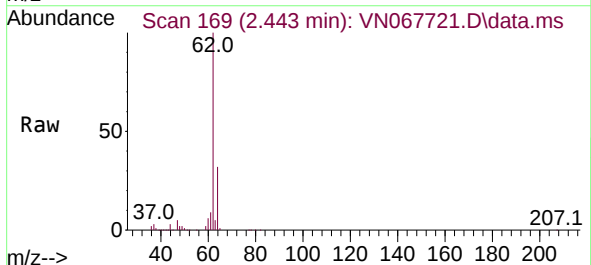
#3
Chloromethane
Concen: 47.858 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



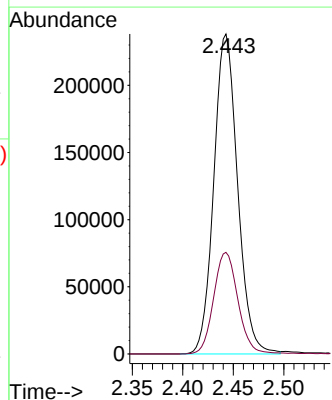
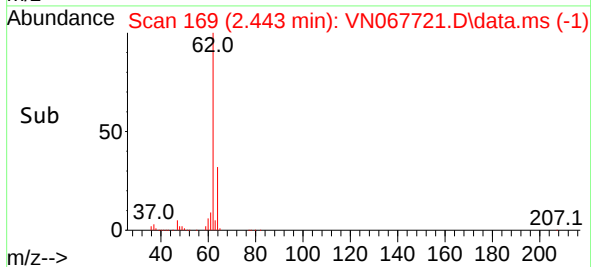
Tgt Ion: 50 Resp: 245076
Ion Ratio Lower Upper
50 100
52 33.4 27.2 40.8



#4
Vinyl Chloride
Concen: 49.482 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



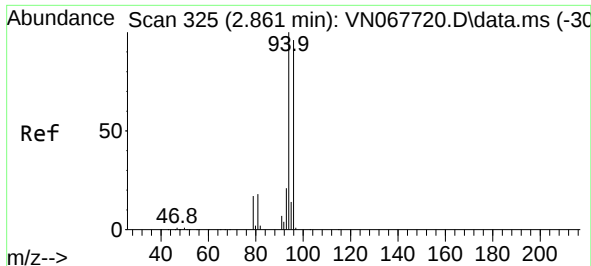
Tgt Ion: 62 Resp: 389890
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9



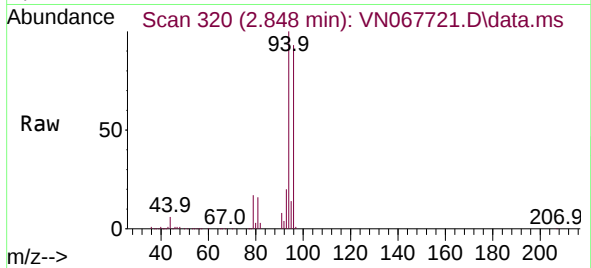
Instrument :
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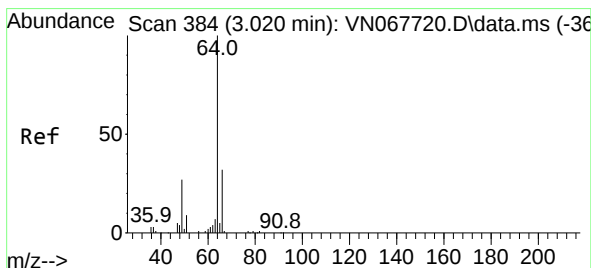
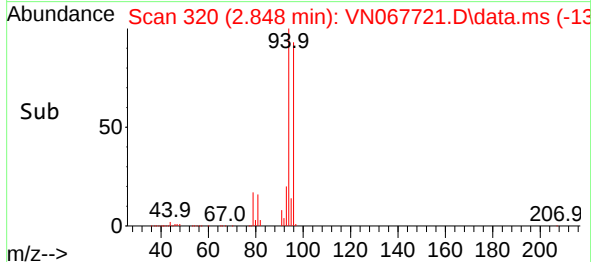
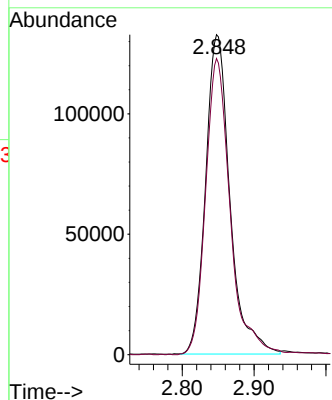
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7/16/2021 10:42:30 AM



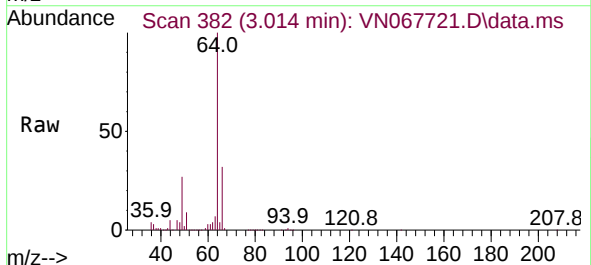
#5
Bromomethane
Concen: 47.127 ug/l
RT: 2.848 min Scan# 320
Delta R.T. -0.014 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



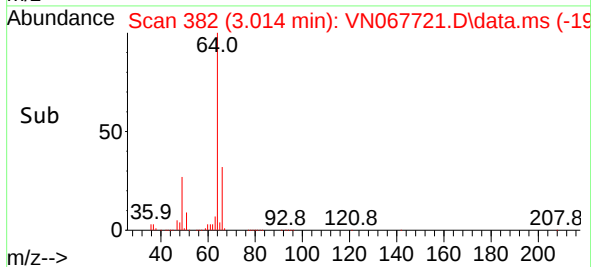
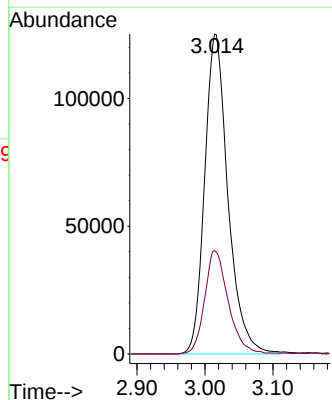
Tgt Ion: 94 Resp: 311903
Ion Ratio Lower Upper
94 100
96 92.4 76.9 115.3



#6
Chloroethane
Concen: 51.313 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



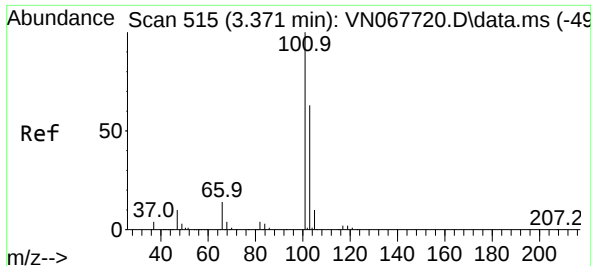
Tgt Ion: 64 Resp: 298254
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0



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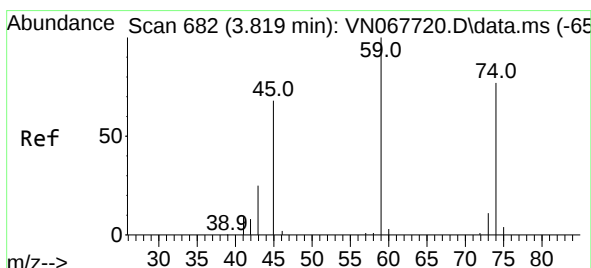
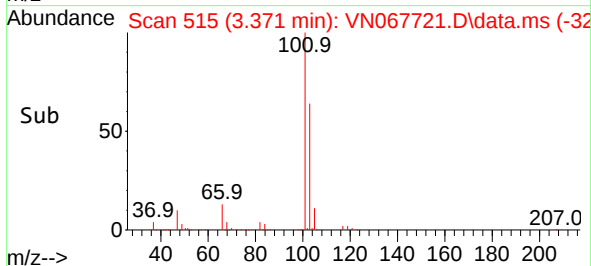
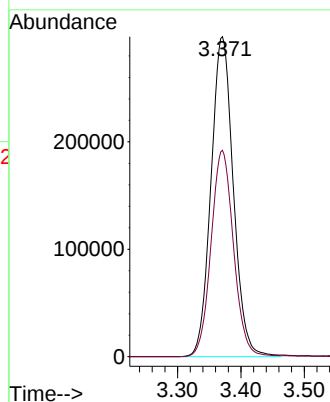
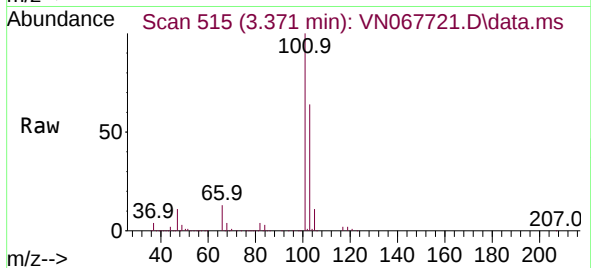
#7
Trichlorofluoromethane
Concen: 49.253 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:101 Resp: 730382
Ion Ratio Lower Upper
101 100
103 64.5 50.3 75.5

Instrument :
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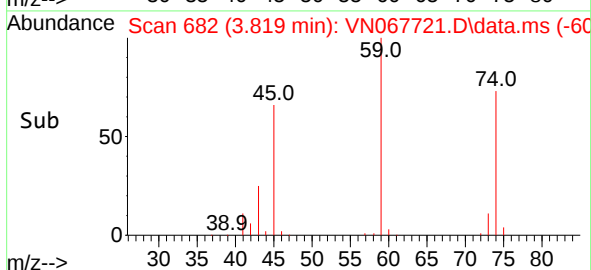
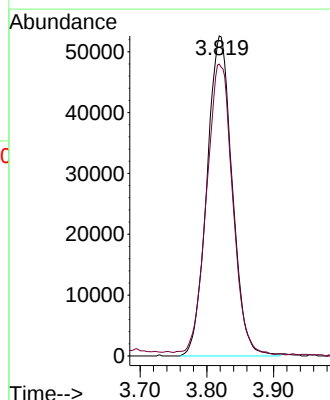
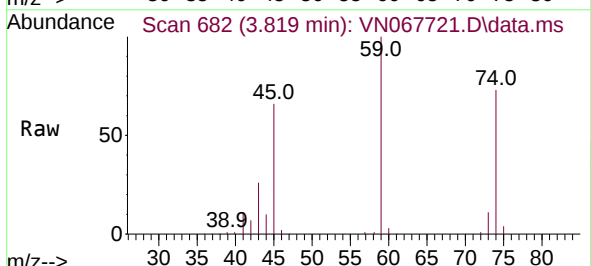
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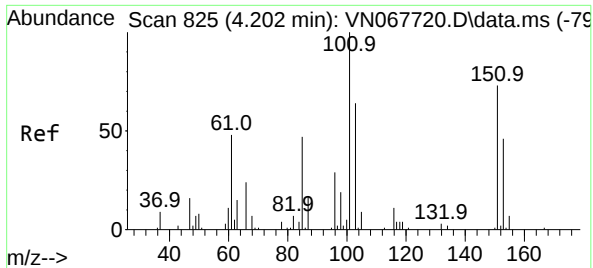
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7/16/2021 10:42:30 AM



#8
Diethyl Ether
Concen: 50.529 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 138478
Ion Ratio Lower Upper
74 100
45 91.8 17.5 157.1





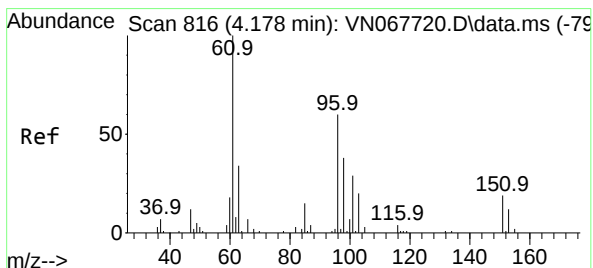
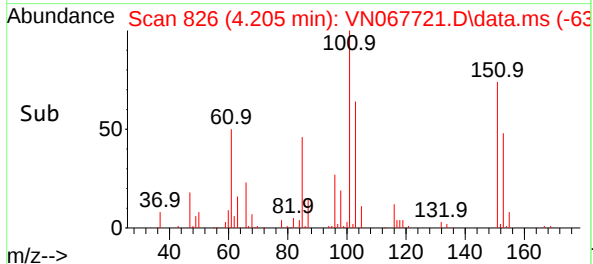
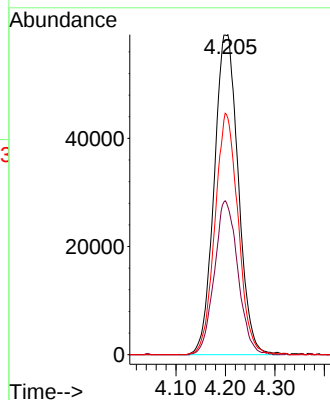
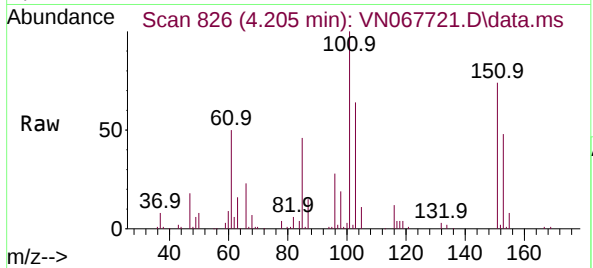
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.759 ug/l m
RT: 4.205 min Scan# 826
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 101 Resp: 200068
Ion Ratio Lower Upper
101 100
85 46.8 0.0 98.0
151 72.7 0.0 143.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

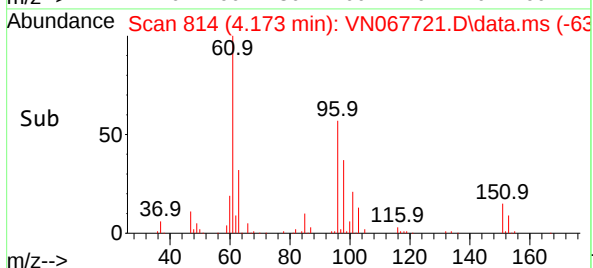
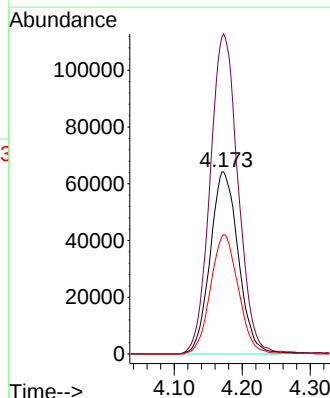
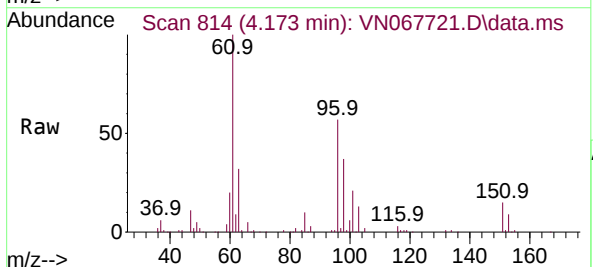
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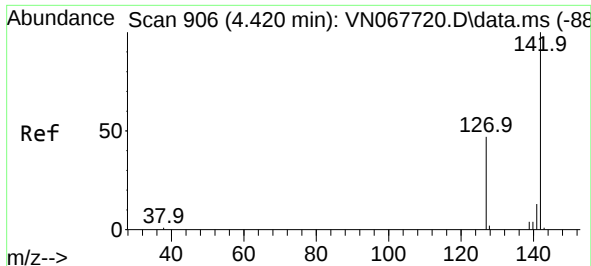
MMDadoda
7/16/2021 10:42:30 AM



#10
1,1-Dichloroethene
Concen: 46.364 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.006 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

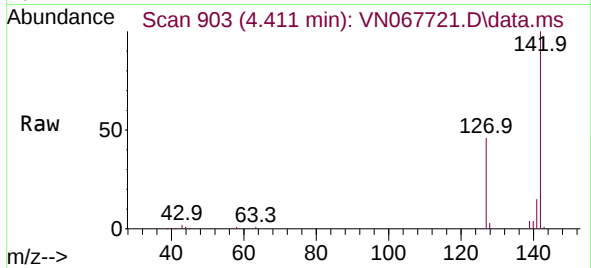
Tgt Ion: 96 Resp: 184805
Ion Ratio Lower Upper
96 100
61 175.7 133.9 200.9
98 65.5 50.5 75.7





#11
Methyl Iodide
Concen: 48.599 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.008 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

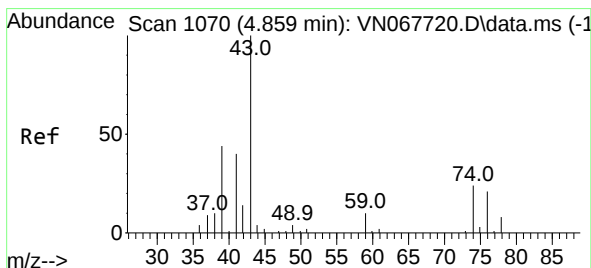
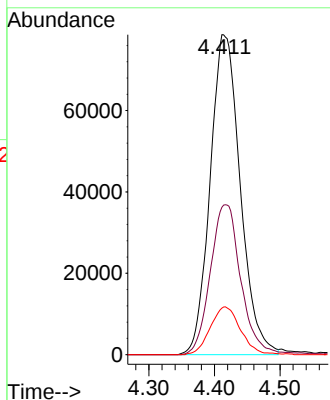
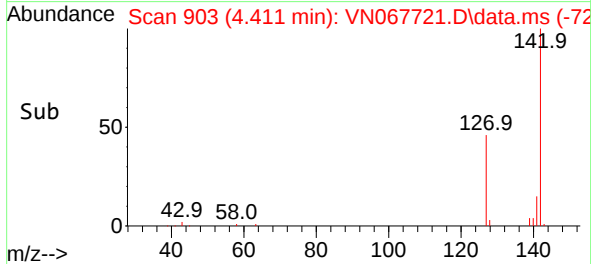
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



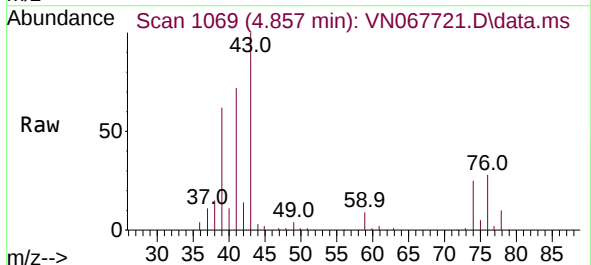
Tgt Ion:142 Resp: 250693
Ion Ratio Lower Upper
142 100
127 46.0 23.4 70.2
141 14.5 6.7 20.0

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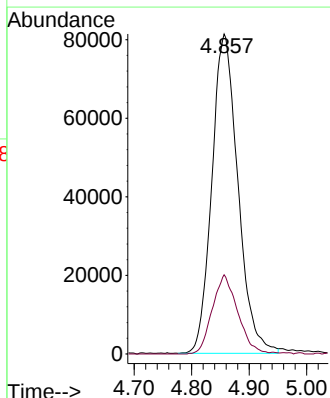
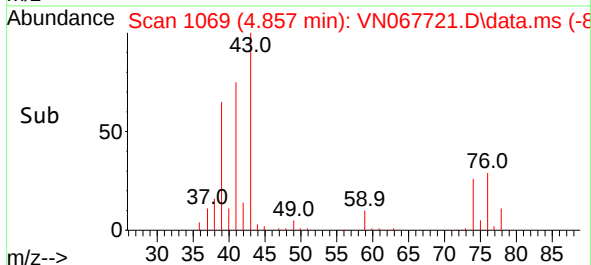
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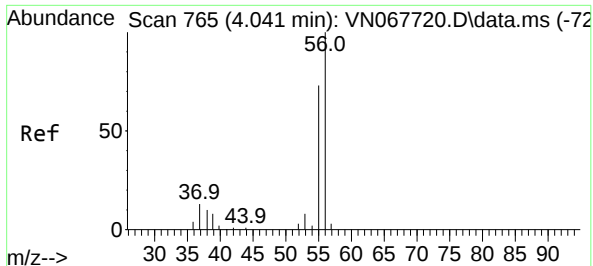


#12
Methyl Acetate
Concen: 47.982 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



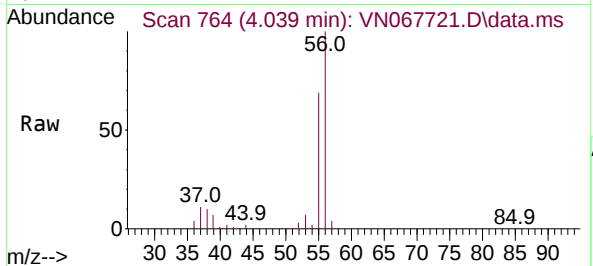
Tgt Ion: 43 Resp: 256057
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





#13
Acrolein
Concen: 203.951 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

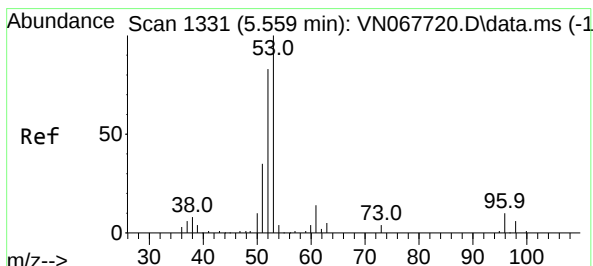
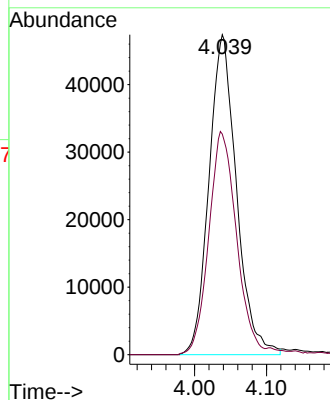
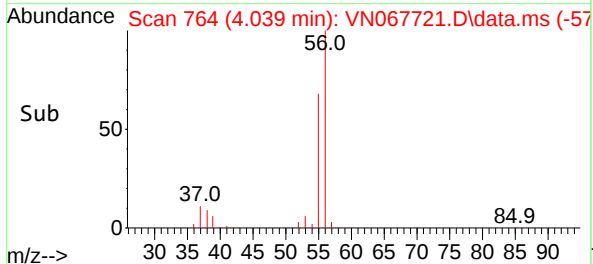
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



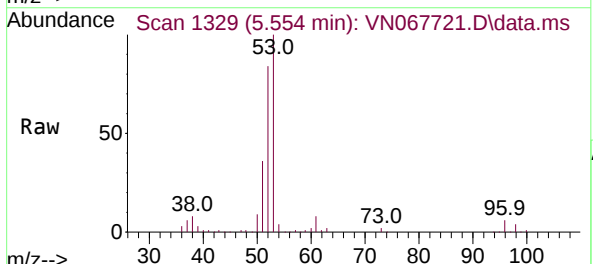
Tgt Ion: 56 Resp: 125861
Ion Ratio Lower Upper
56 100
55 69.8 0.2 0.2#

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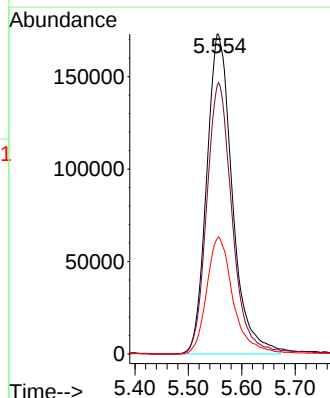
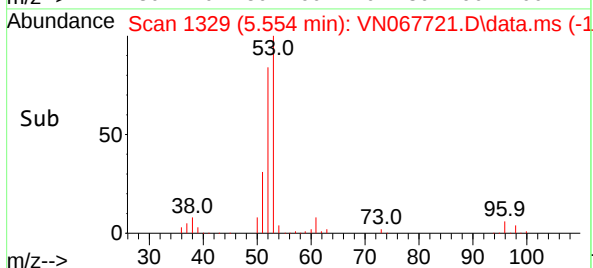
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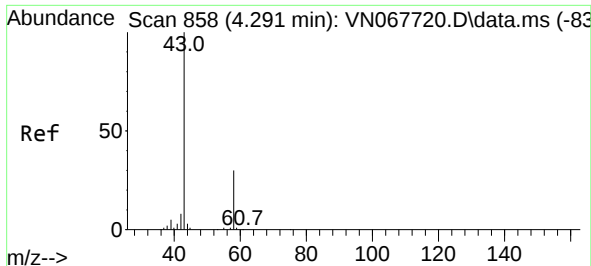


#14
Acrylonitrile
Concen: 250.486 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.005 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



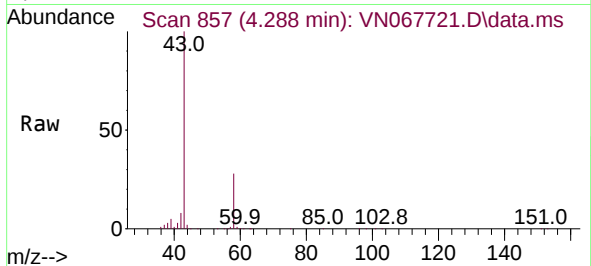
Tgt Ion: 53 Resp: 577381
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 37.5 18.4 55.0





#15
Acetone
Concen: 221.005 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

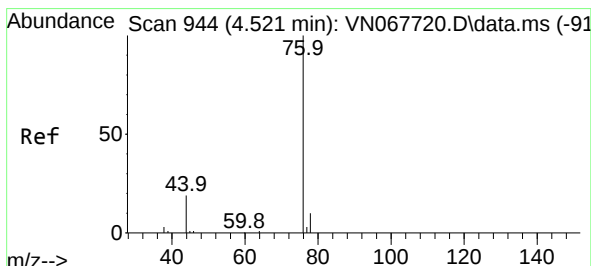
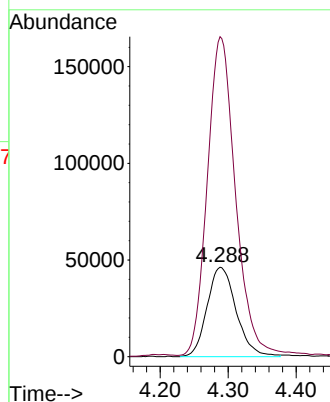
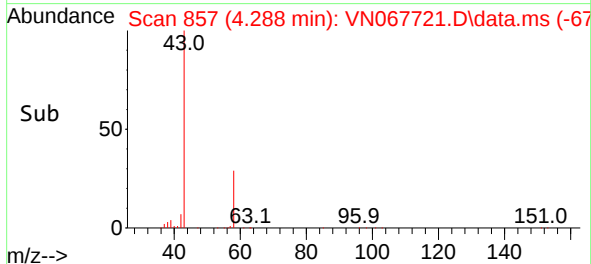
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



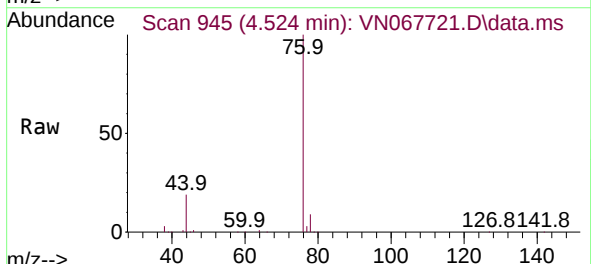
Tgt Ion: 58 Resp: 137508
Ion Ratio Lower Upper
58 100
43 355.8 268.2 402.4

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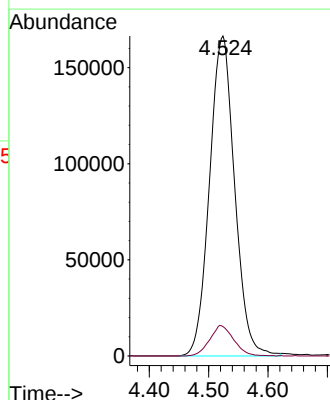
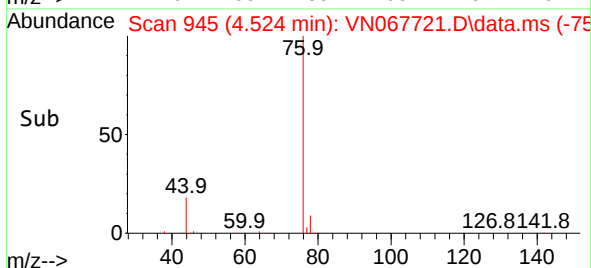
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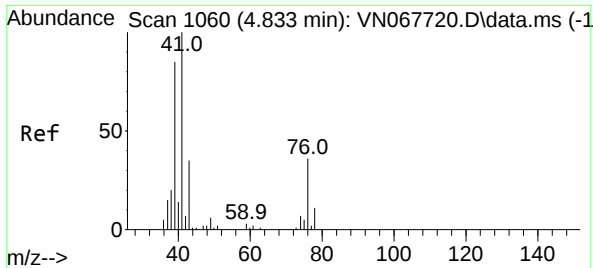


#16
Carbon Disulfide
Concen: 46.475 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

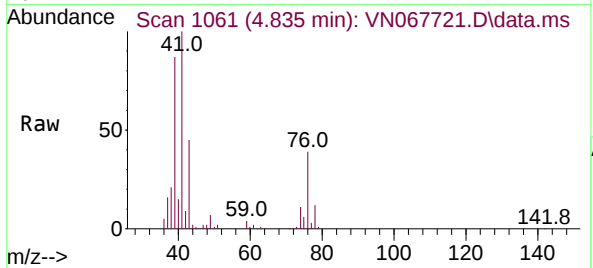


Tgt Ion: 76 Resp: 490039
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9

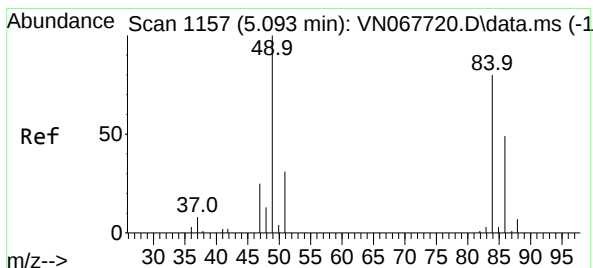
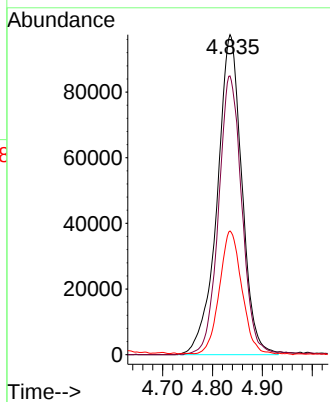
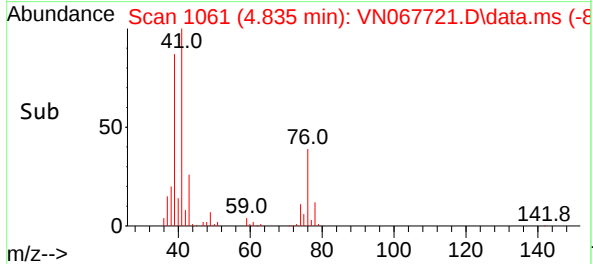




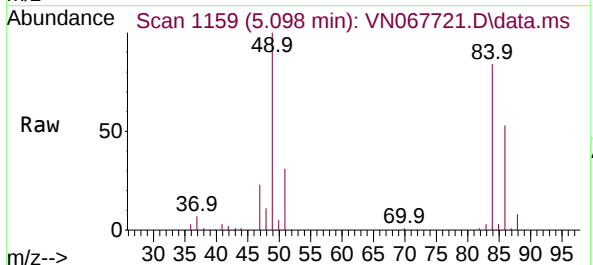
#17
 Allyl chloride
 Concen: 49.438 ug/l
 RT: 4.835 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59



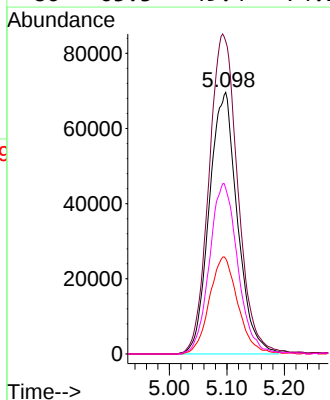
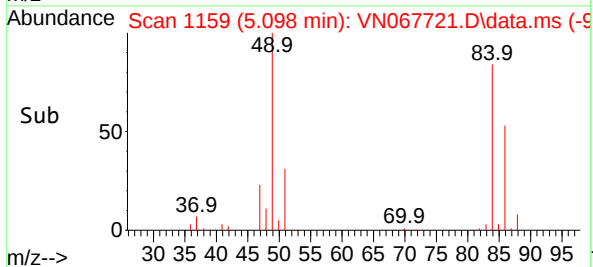
Tgt Ion: 41 Resp: 336098
 Ion Ratio Lower Upper
 41 100
 39 86.9 42.4 127.3
 76 38.3 17.9 53.8



#18
 Methylene Chloride
 Concen: 45.676 ug/l
 RT: 5.098 min Scan# 1159
 Delta R.T. 0.005 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59



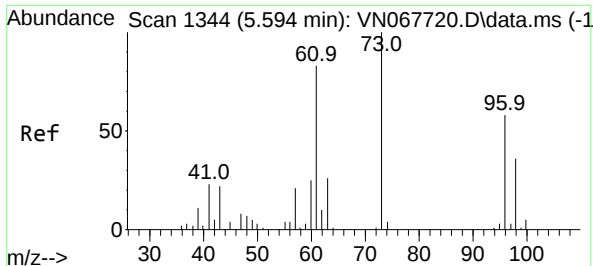
Tgt Ion: 84 Resp: 237121
 Ion Ratio Lower Upper
 84 100
 49 119.5 100.5 150.7
 51 36.5 30.7 46.1
 86 63.3 49.4 74.2



Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

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#19

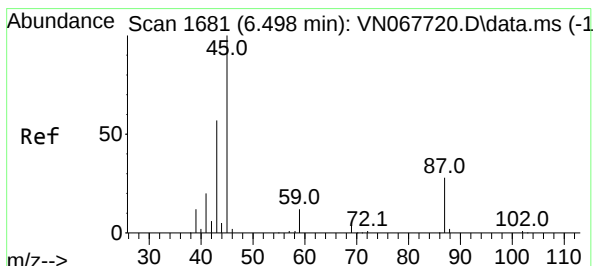
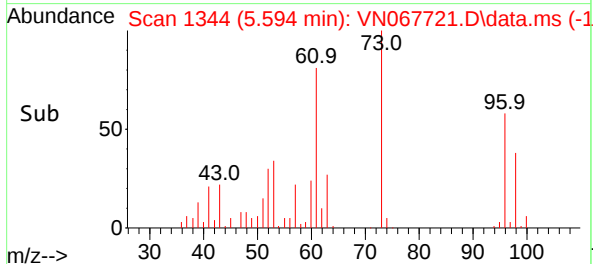
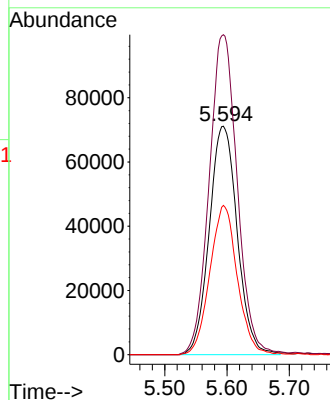
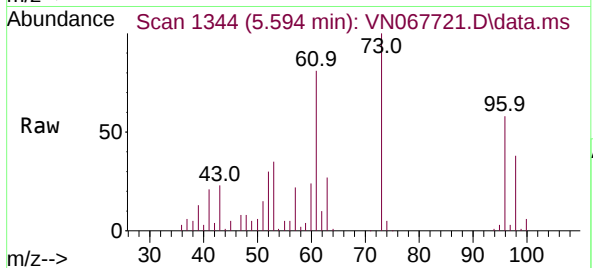
trans-1,2-Dichloroethene
Concen: 47.633 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	96	Resp:	222286
Ion	Ratio	Lower	Upper
96	100		
61	139.8	114.3	171.5
98	65.4	49.3	73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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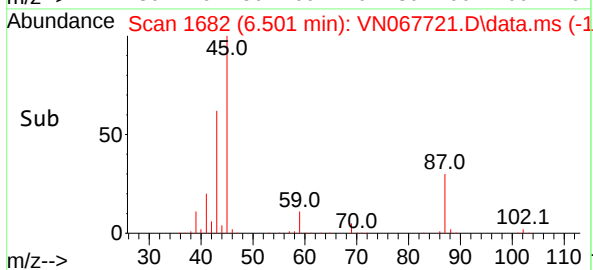
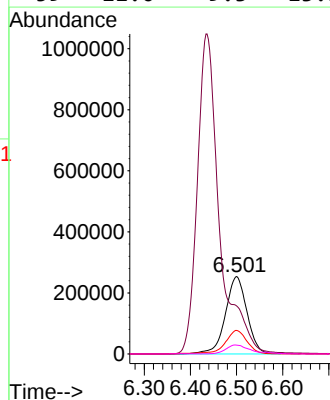
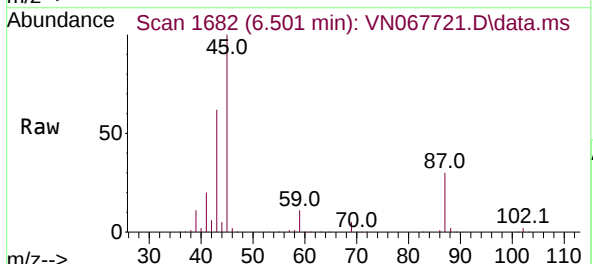
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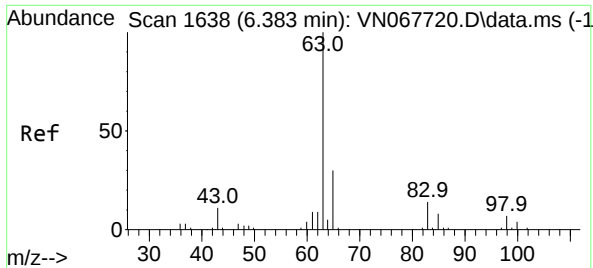


#20

Diisopropyl ether
Concen: 51.526 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	45	Resp:	823040
Ion	Ratio	Lower	Upper
45	100		
43	60.0	51.8	77.6
87	30.1	22.5	33.7
59	11.0	9.3	13.9





#21

1,1-Dichloroethane

Concen: 49.742 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.003 min

Lab File: VN067721.D

Acq: 13 Jul 2021 16:59

Tgt Ion:	63	Resp:	439471
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.8
100	3.9	2.0	5.8

Instrument :

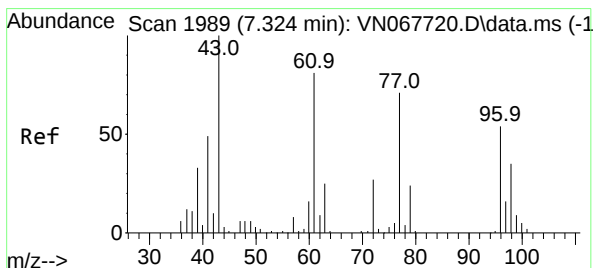
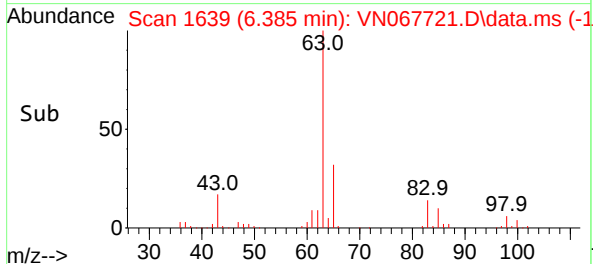
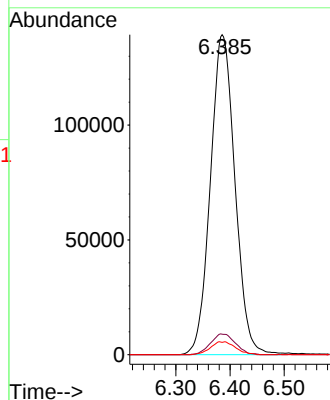
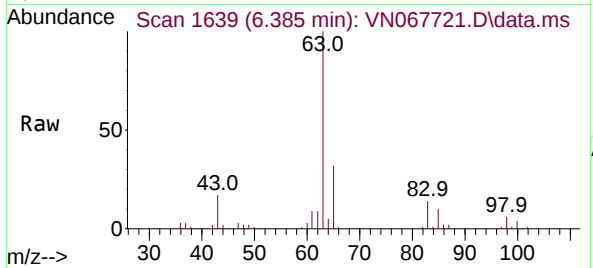
MSVOA_N

ClientSampleId :

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#22

cis-1,2-Dichloroethene

Concen: 50.144 ug/l

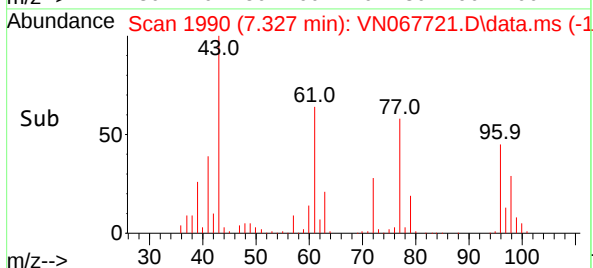
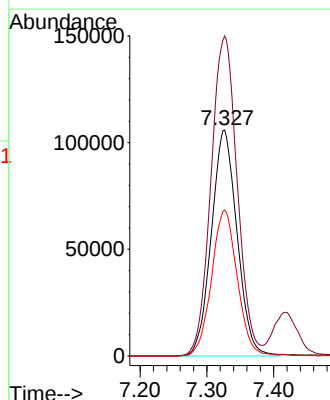
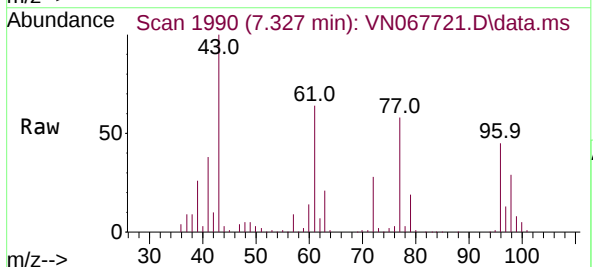
RT: 7.327 min Scan# 1990

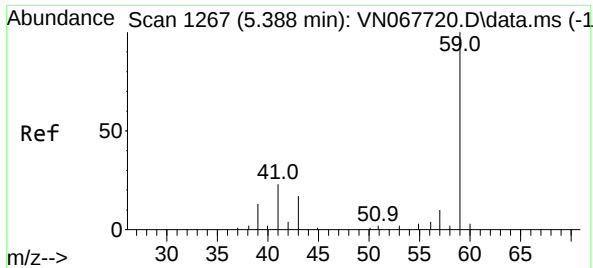
Delta R.T. 0.003 min

Lab File: VN067721.D

Acq: 13 Jul 2021 16:59

Tgt Ion:	96	Resp:	283427
Ion	Ratio	Lower	Upper
96	100		
61	144.8	121.2	181.8
98	64.4	51.8	77.8





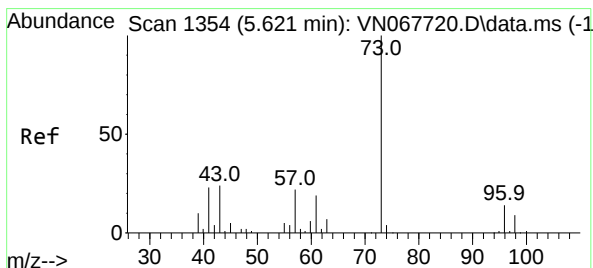
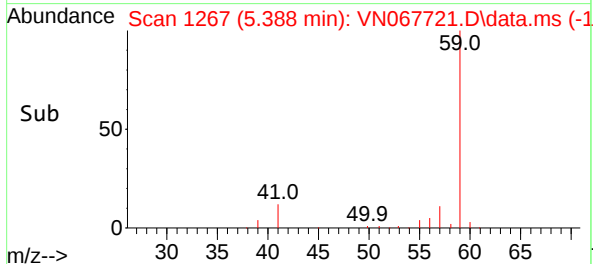
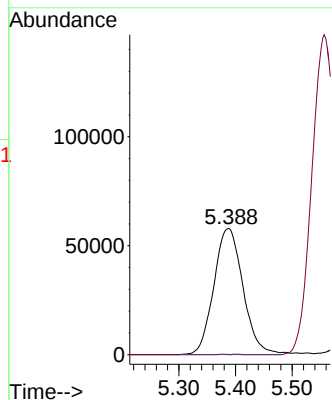
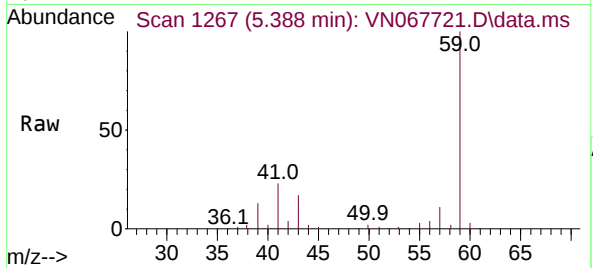
#23
tert-Butyl Alcohol
Concen: 229.031 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 59 Resp: 207220
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

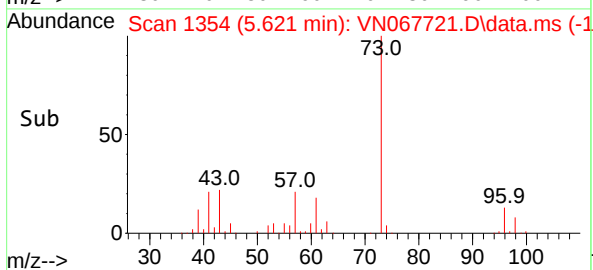
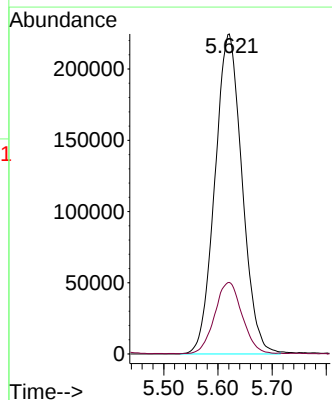
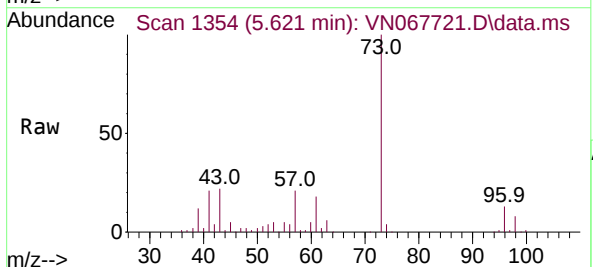
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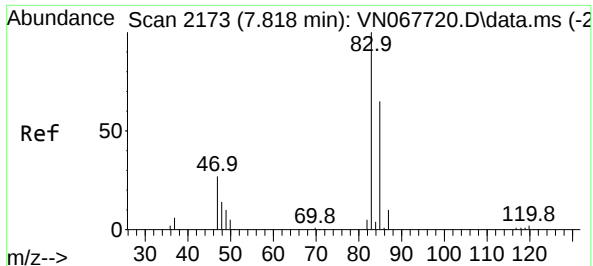
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#24
Methyl tert-Butyl Ether
Concen: 49.051 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 73 Resp: 782707
Ion Ratio Lower Upper
73 100
43 22.4 18.6 27.8





#25

Chloroform

Concen: 50.930 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN067721.D

Acq: 13 Jul 2021 16:59

Tgt Ion: 83 Resp: 498566

Ion Ratio Lower Upper

83 100

85 64.8 52.3 78.5

Instrument :

MSVOA_N

ClientSampleId :

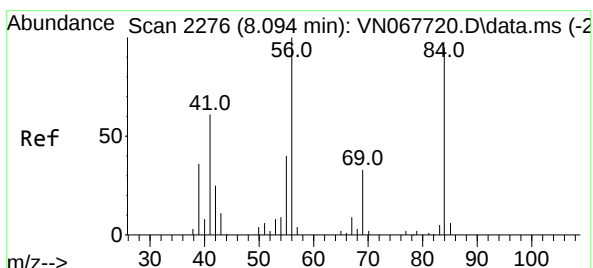
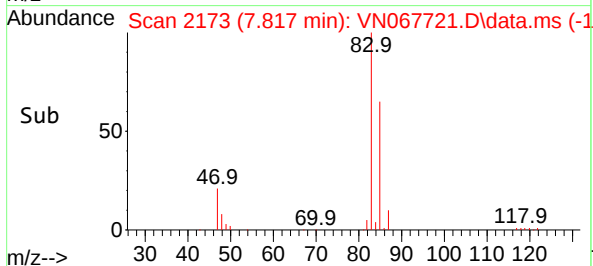
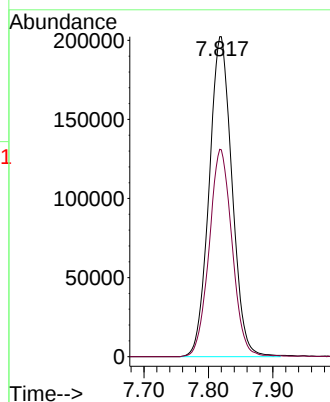
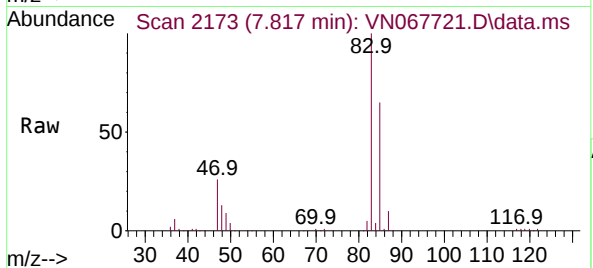
VSTDIC050

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#26

Cyclohexane

Concen: 49.982 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.003 min

Lab File: VN067721.D

Acq: 13 Jul 2021 16:59

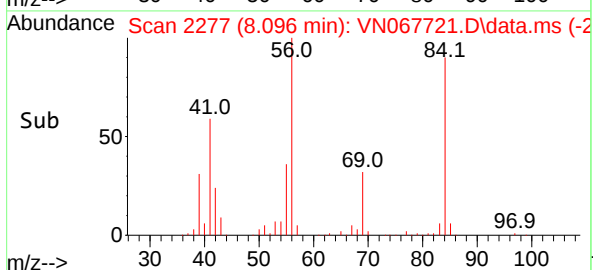
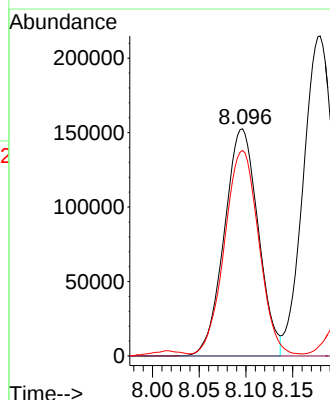
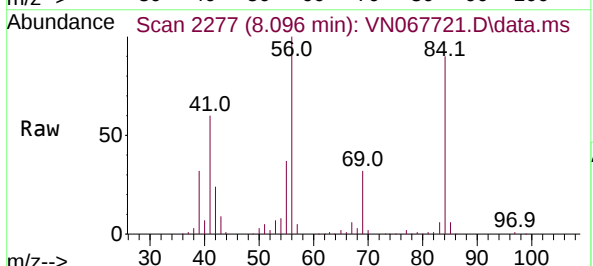
Tgt Ion: 56 Resp: 386199

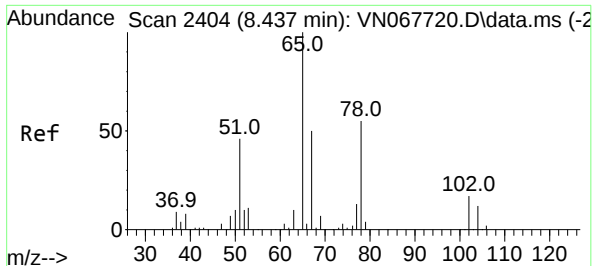
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.8 71.4 107.0





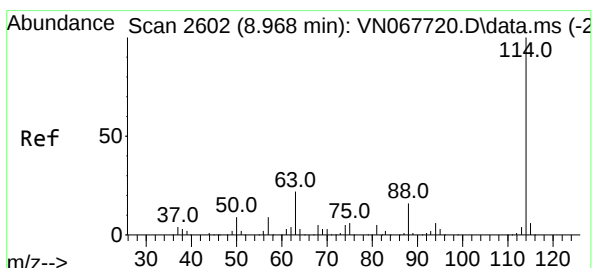
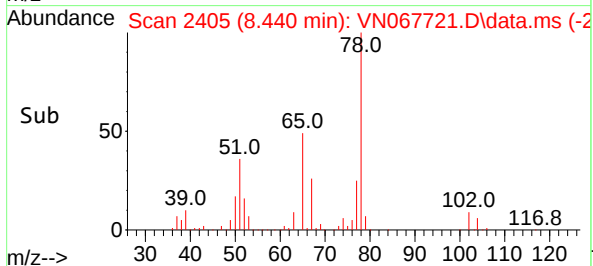
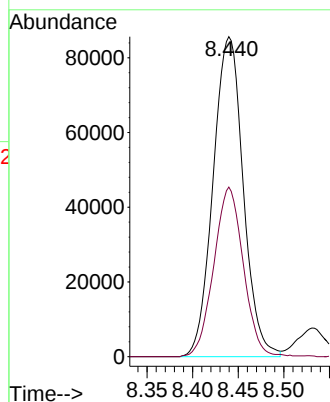
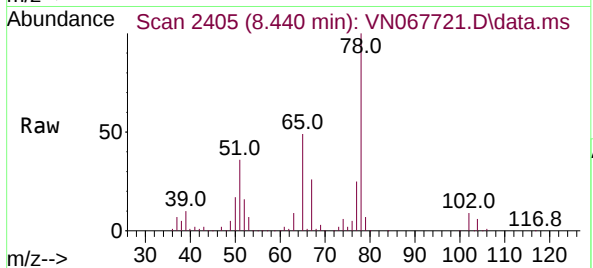
#27
 1,2-Dichloroethane-d4
 Concen: 30.832 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

Tgt Ion: 65 Resp: 197009
 Ion Ratio Lower Upper
 65 100
 67 51.6 40.6 60.8

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

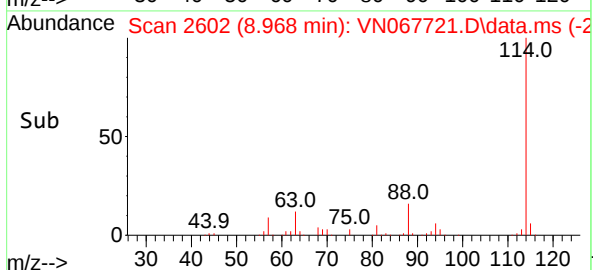
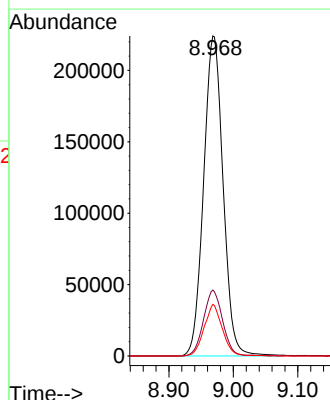
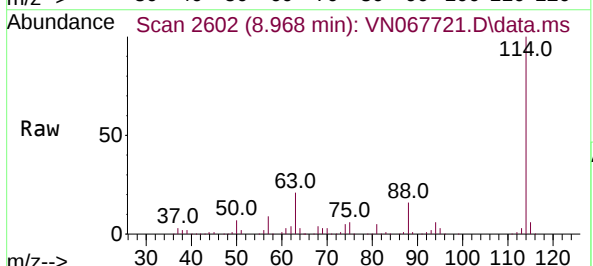
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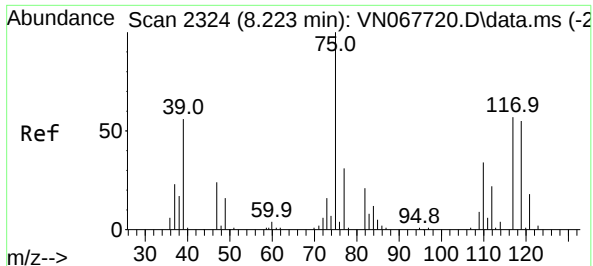
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

Tgt Ion: 114 Resp: 470230
 Ion Ratio Lower Upper
 114 100
 63 20.1 17.2 25.8
 88 15.0 12.4 18.6





#29

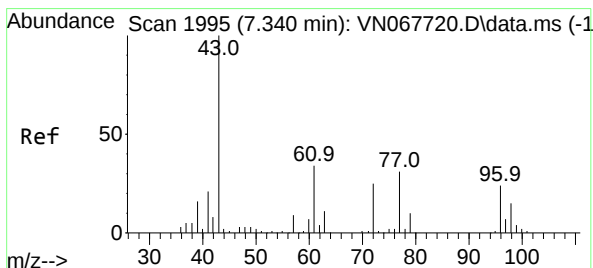
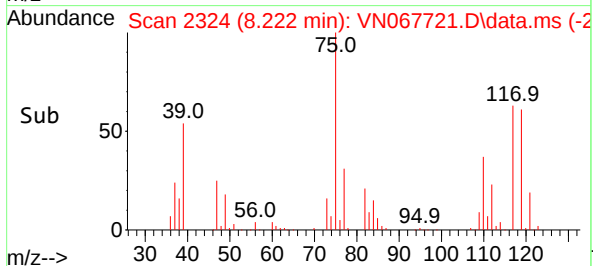
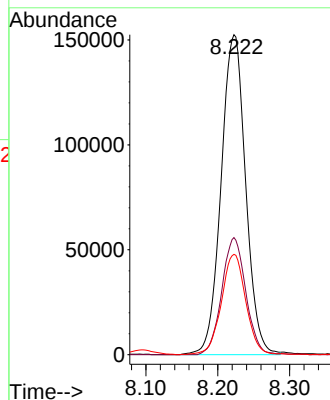
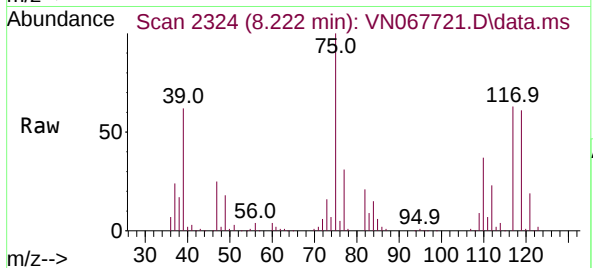
1,1-Dichloropropene
Concen: 49.501 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 75 Resp: 361377
Ion Ratio Lower Upper
75 100
110 35.7 0.0 69.2
77 30.9 0.0 60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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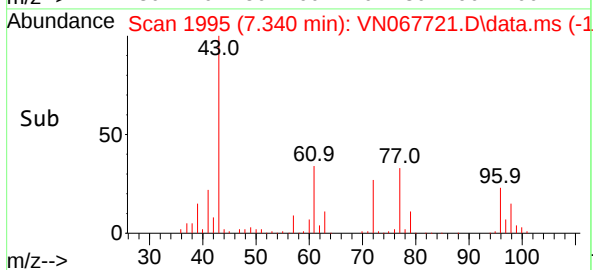
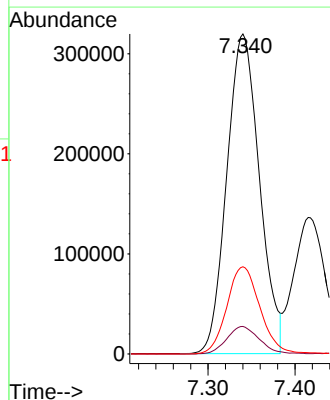
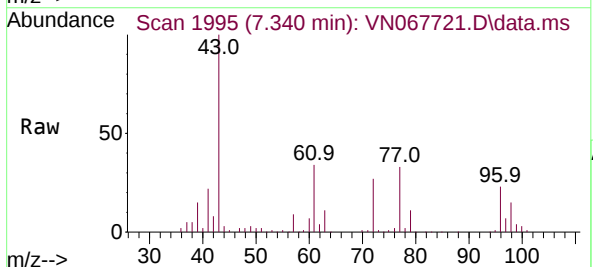
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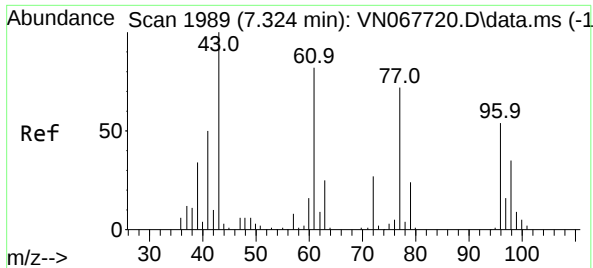


#30

2-Butanone
Concen: 244.228 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 43 Resp: 834475
Ion Ratio Lower Upper
43 100
57 8.5 6.6 9.8
72 27.8 21.8 32.6





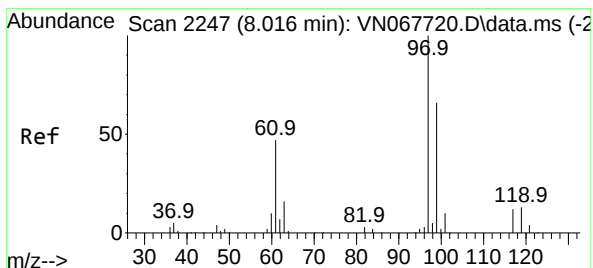
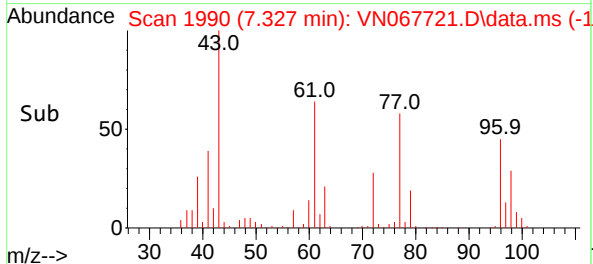
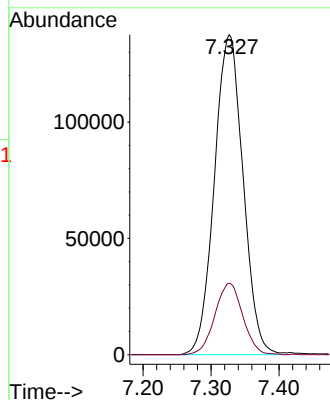
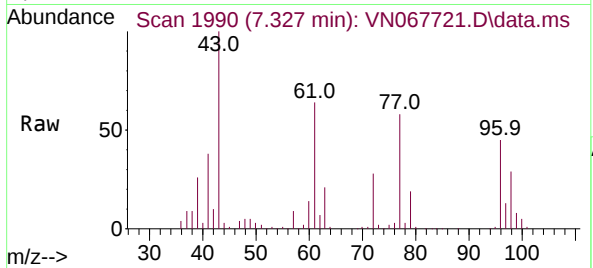
#31
2,2-Dichloropropane
Concen: 48.246 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 77 Resp: 403360
Ion Ratio Lower Upper
77 100
97 21.7 17.8 26.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

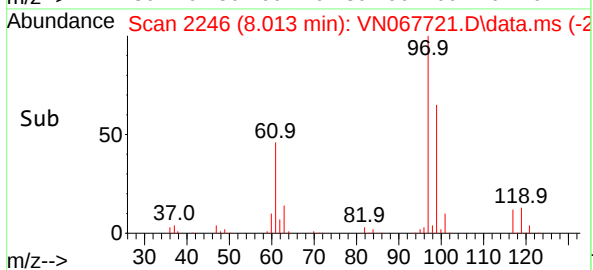
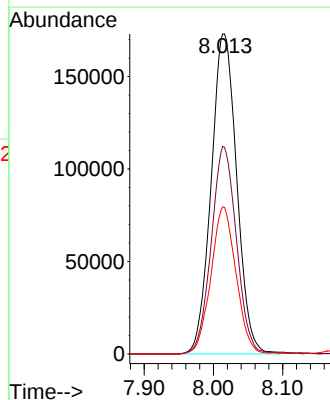
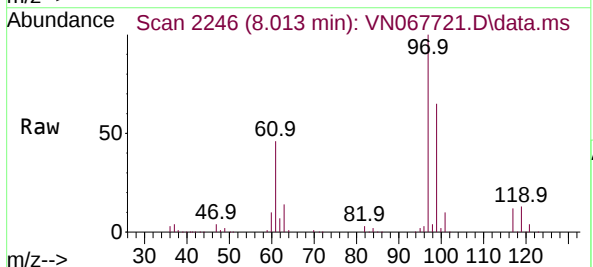
Manual Integrations
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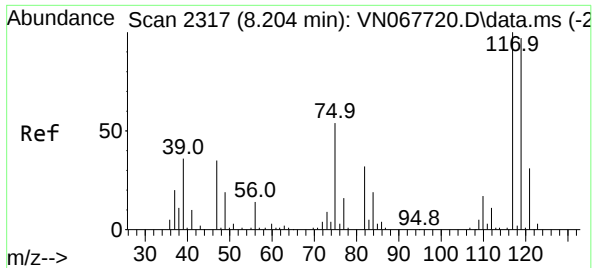
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#32
1,1,1-Trichloroethane
Concen: 49.539 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

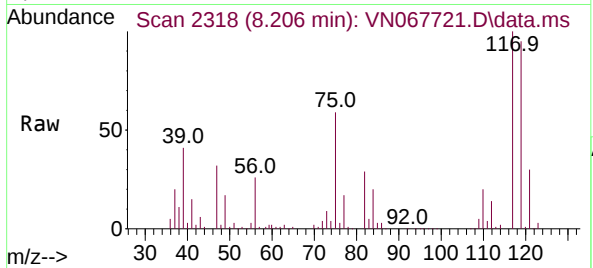
Tgt Ion: 97 Resp: 444669
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 45.0 37.6 56.4





#33
Carbon Tetrachloride
Concen: 50.457 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

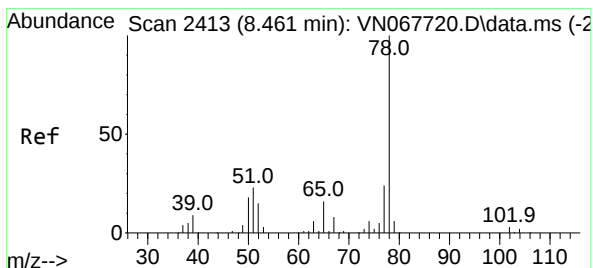
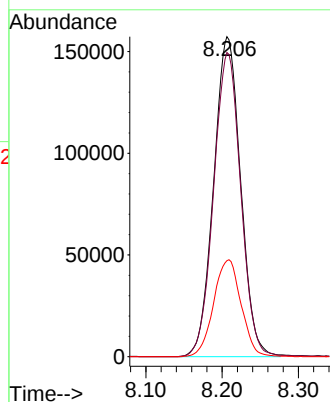
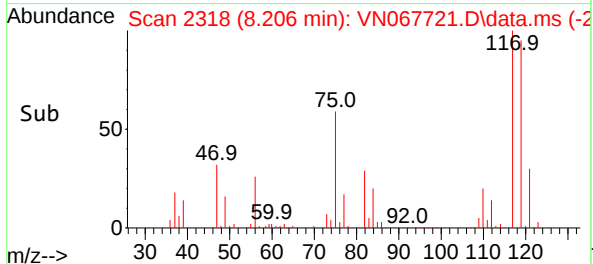
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



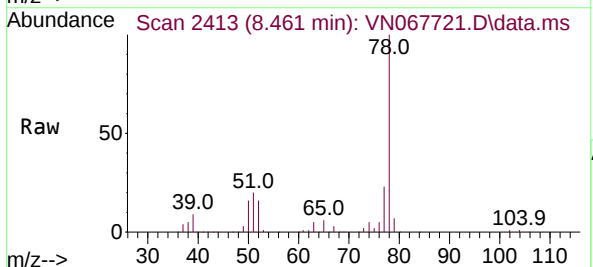
Tgt Ion:117 Resp: 386284
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
121 30.0 24.6 36.8

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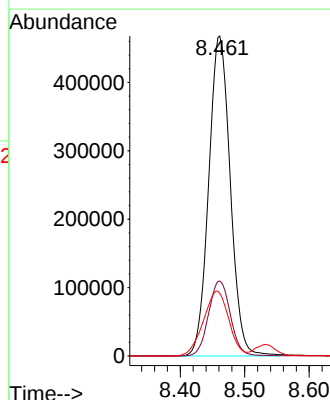
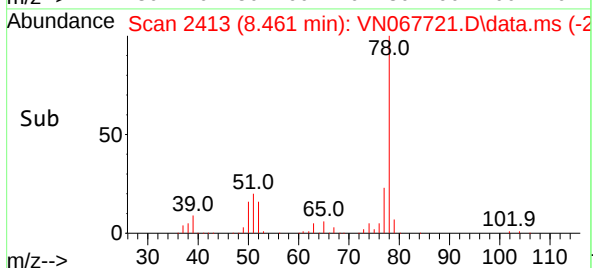
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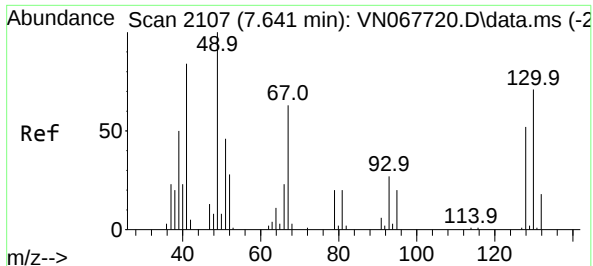


#34
Benzene
Concen: 49.567 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion: 78 Resp: 1087499
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 19.4 18.2 27.4





#35
Methacrylonitrile
Concen: 49.831 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

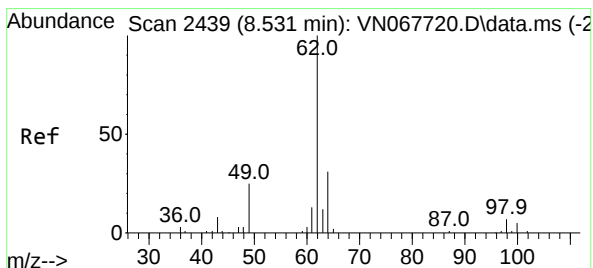
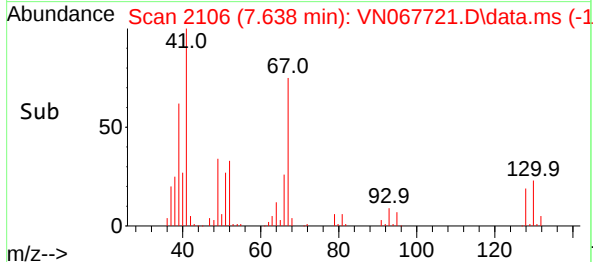
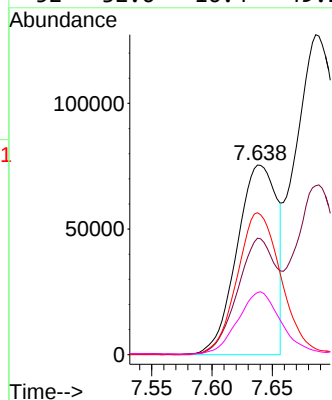
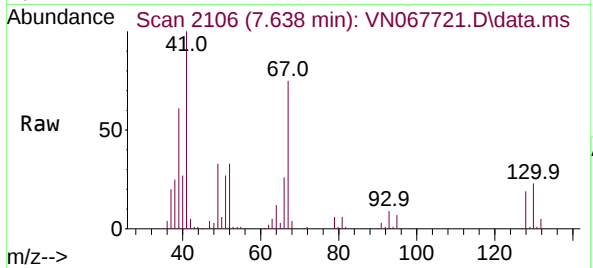
Tgt Ion: 41 Resp: 173942

Ion	Ratio	Lower	Upper
41	100		
39	61.1	29.6	88.9
67	74.9	37.4	112.2
52	32.6	16.4	49.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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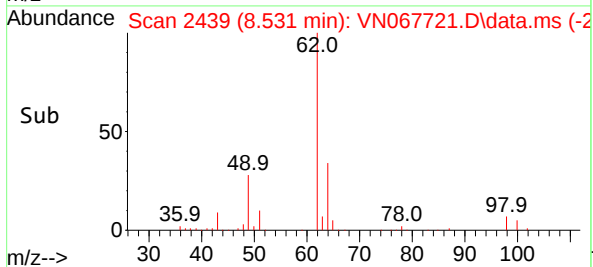
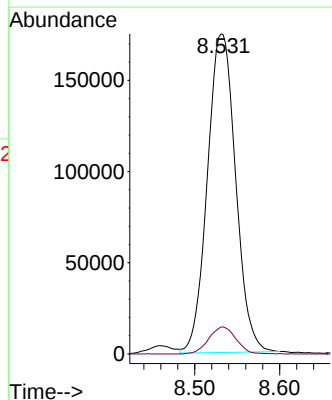
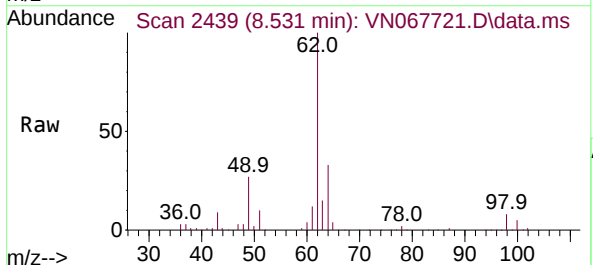
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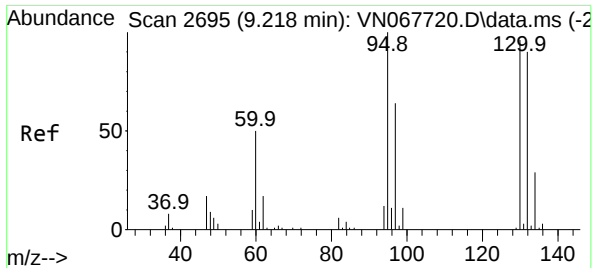


#36
1,2-Dichloroethane
Concen: 50.040 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 62 Resp: 403688

Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.2	9.2





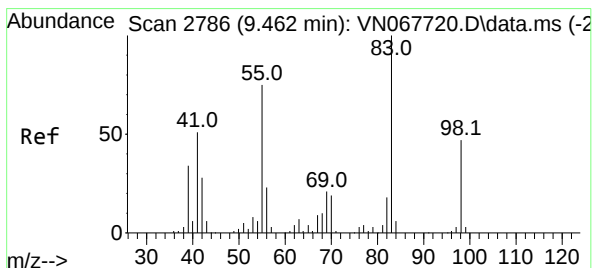
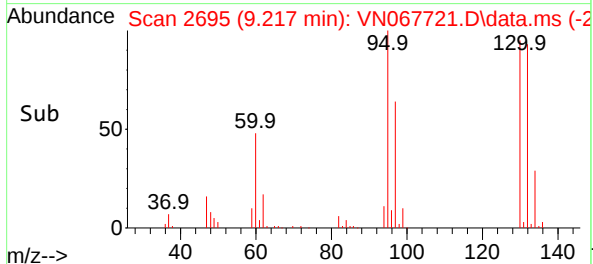
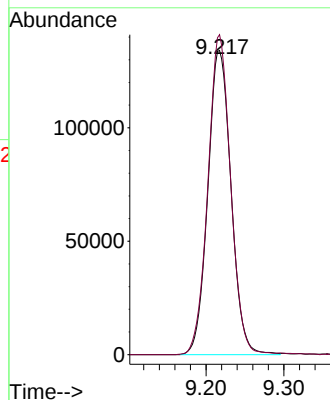
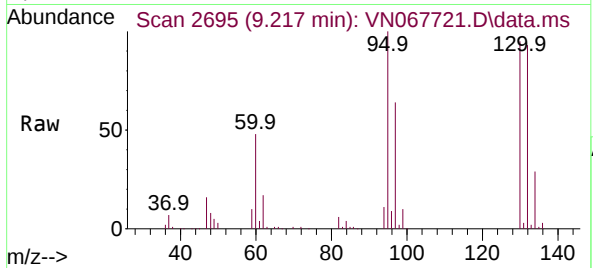
#37
Trichloroethene
Concen: 48.414 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 277859
Ion Ratio Lower Upper
130 100
95 105.0 83.2 124.8

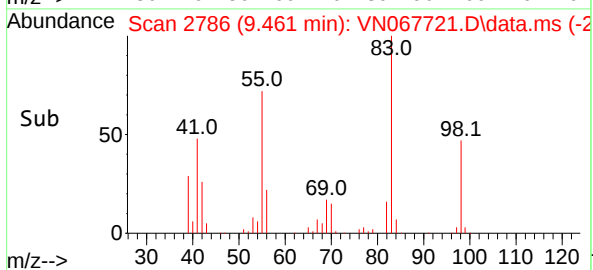
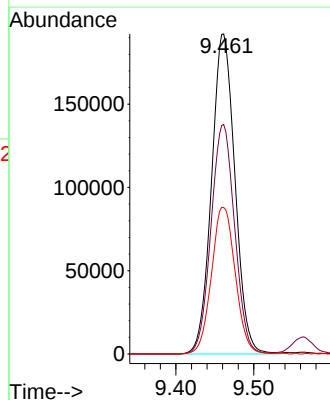
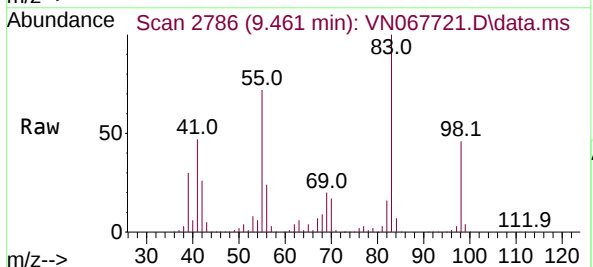
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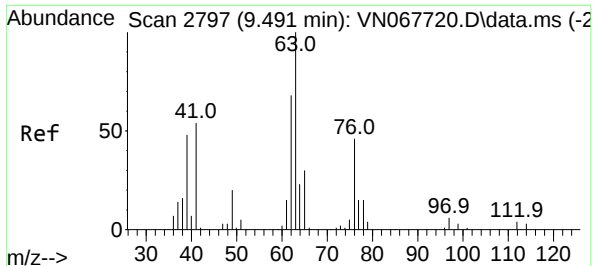
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#38
Methylcyclohexane
Concen: 48.970 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 83 Resp: 400869
Ion Ratio Lower Upper
83 100
55 72.6 37.4 112.2
98 46.7 23.5 70.6





#39

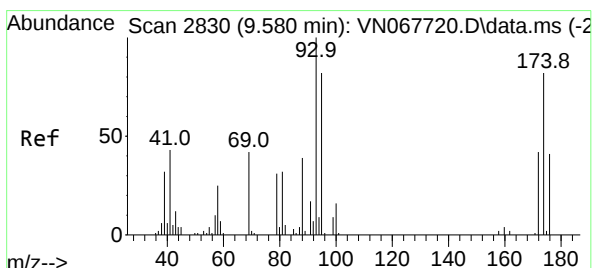
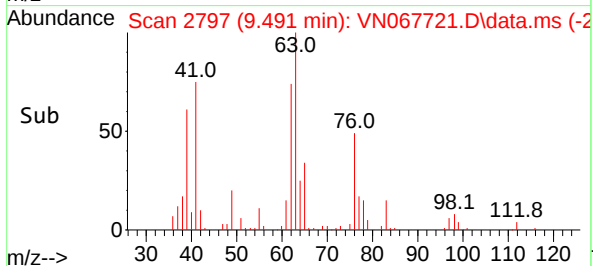
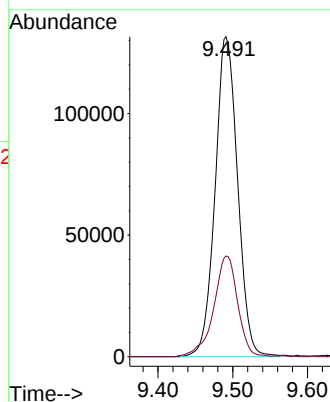
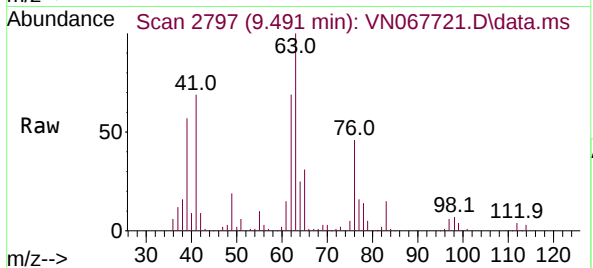
1,2-Dichloropropane
Concen: 49.772 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion: 63 Resp: 274986
Ion Ratio Lower Upper
63 100
65 31.3 24.3 36.5

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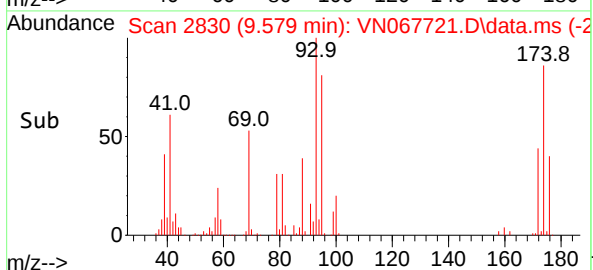
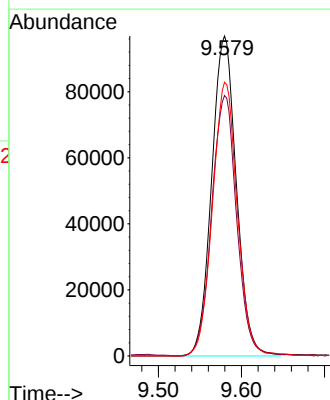
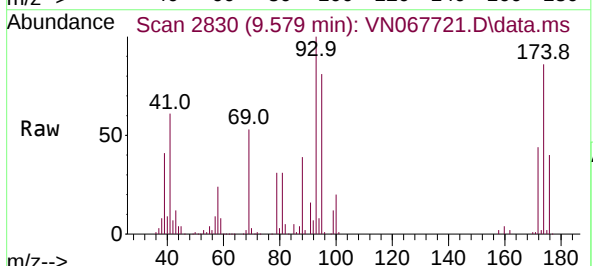
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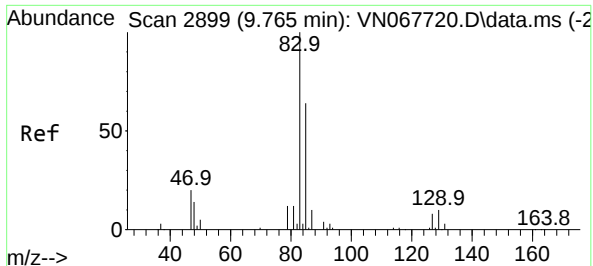


#40

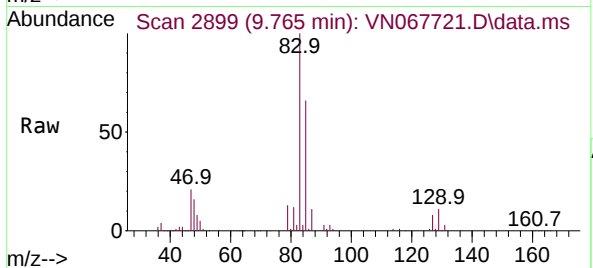
Dibromomethane
Concen: 49.256 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 93 Resp: 199851
Ion Ratio Lower Upper
93 100
95 82.7 0.0 165.4
174 85.7 0.0 163.0

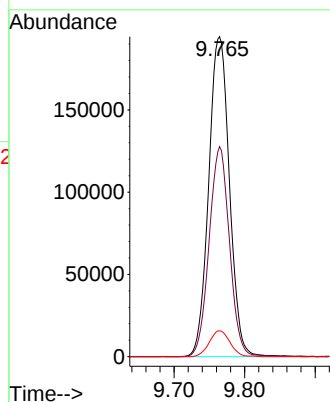
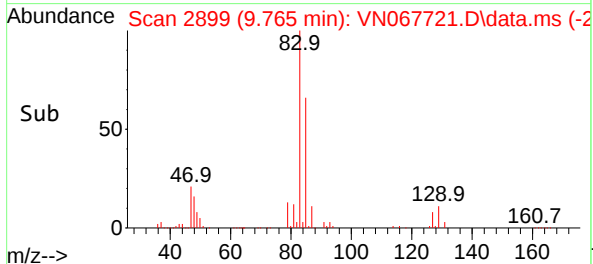




#41
Bromodichloromethane
Concen: 50.542 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



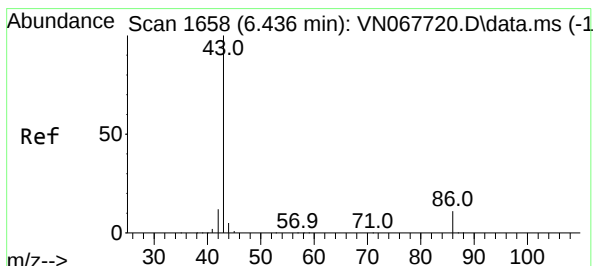
Tgt Ion: 83 Resp: 397321
Ion Ratio Lower Upper
83 100
85 65.7 51.3 76.9
127 8.1 6.6 10.0



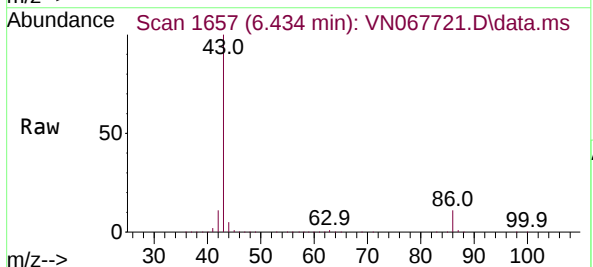
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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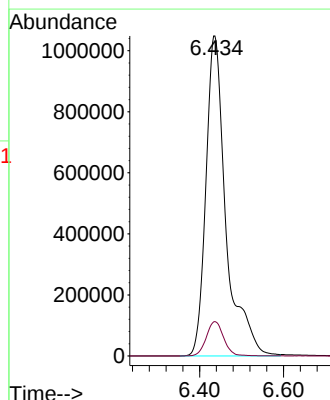
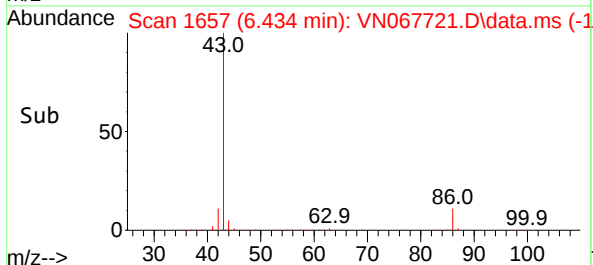
MMDadoda
7/16/2021 10:42:30 AM

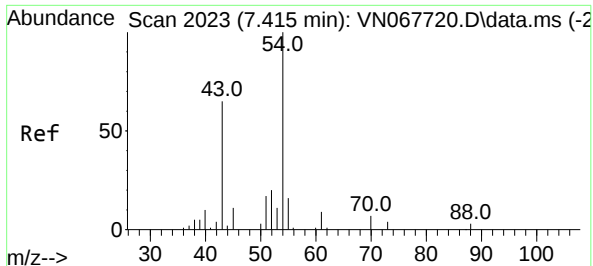


#42
Vinyl Acetate
Concen: 254.105 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion: 43 Resp: 3474452
Ion Ratio Lower Upper
43 100
86 9.3 8.2 12.2





#43

Ethyl Acetate

Concen: 48.627 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.000 min

Lab File: VN067721.D

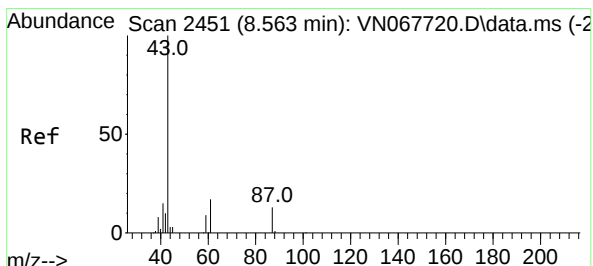
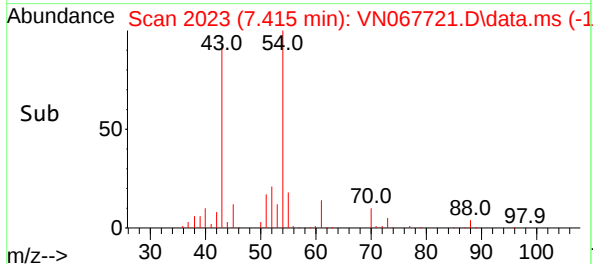
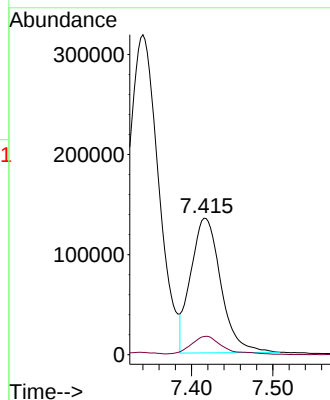
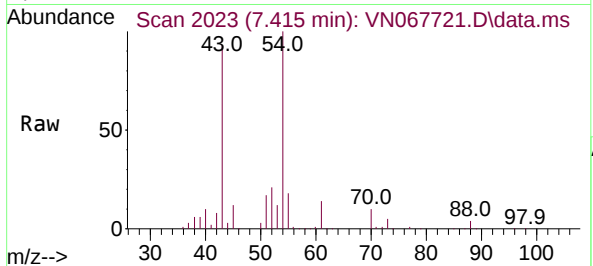
Acq: 13 Jul 2021 16:59

Tgt Ion: 43 Resp: 346889

Ion Ratio Lower Upper

43 100

45 13.7 10.5 15.7



#44

Isopropyl Acetate

Concen: 50.603 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.003 min

Lab File: VN067721.D

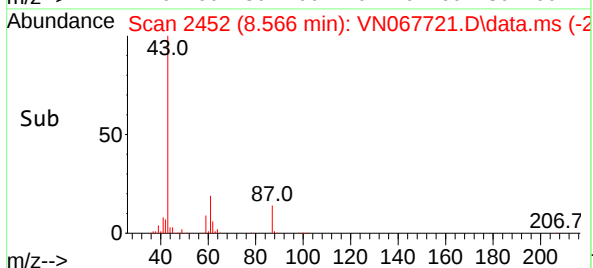
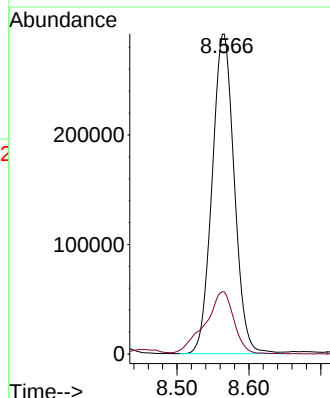
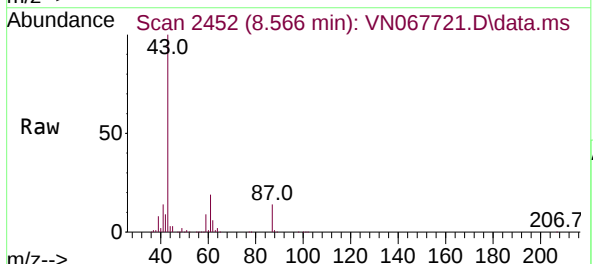
Acq: 13 Jul 2021 16:59

Tgt Ion: 43 Resp: 623632

Ion Ratio Lower Upper

43 100

61 24.5 20.4 30.6



Instrument :

MSVOA_N

ClientSampleId :

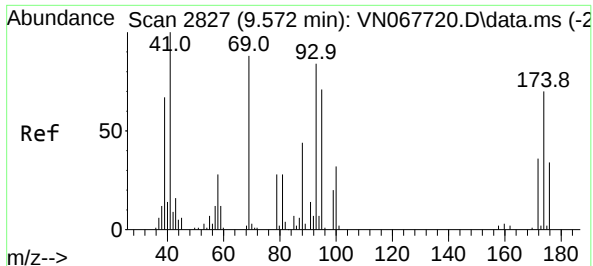
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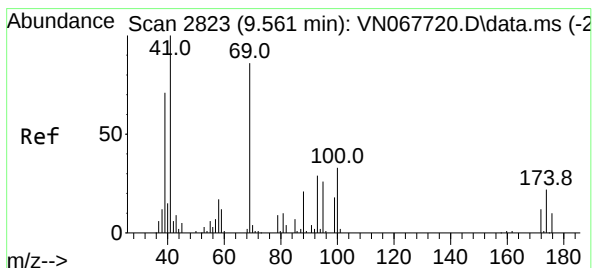
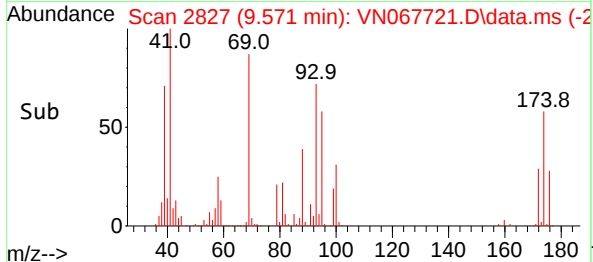
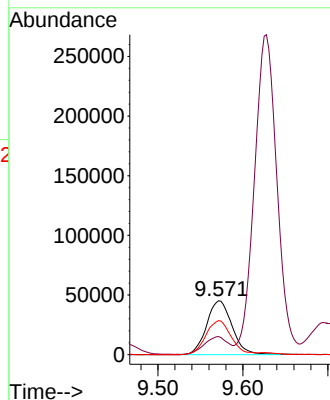
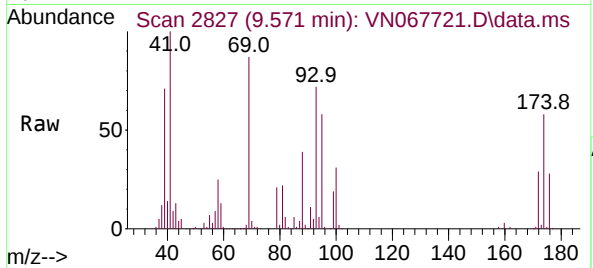
#45
1,4-Dioxane
Concen: 985.135 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 88 Resp: 94179
Ion Ratio Lower Upper
88 100
43 30.1 26.9 40.3
58 62.8 52.2 78.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

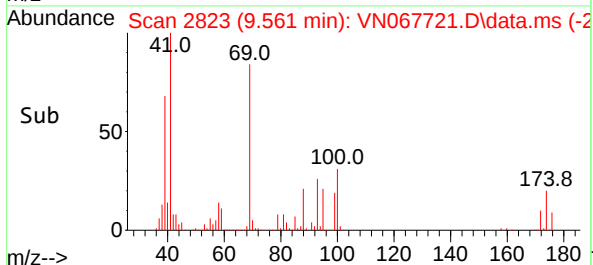
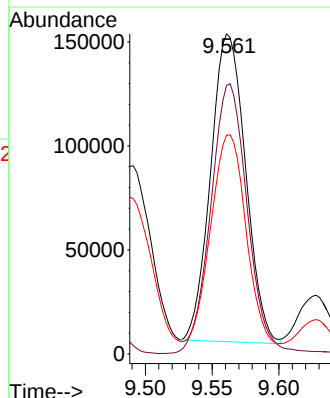
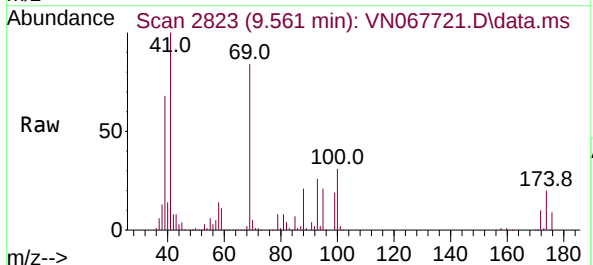
Manual Integrations
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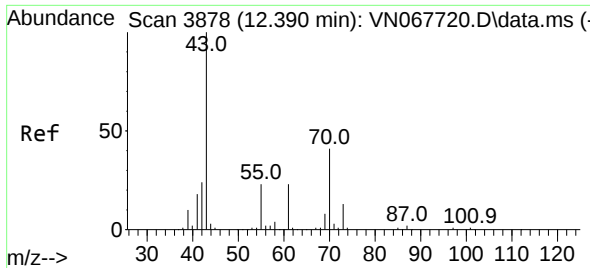
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#46
Methyl methacrylate
Concen: 50.001 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 41 Resp: 268604
Ion Ratio Lower Upper
41 100
69 86.7 43.0 128.8
39 68.1 35.5 106.7





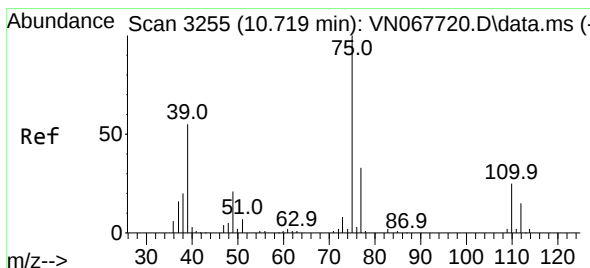
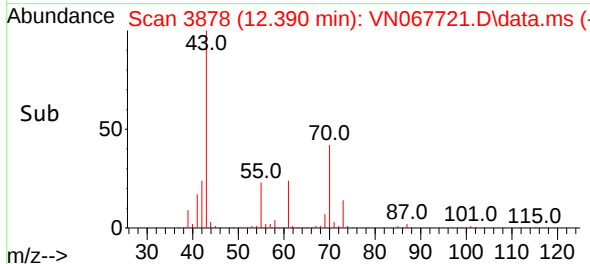
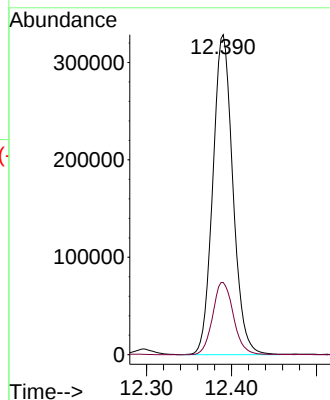
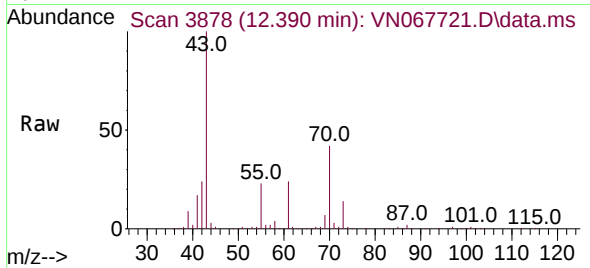
#47
n-amy1 Acetate
Concen: 52.560 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 43 Resp: 538224
Ion Ratio Lower Upper
43 100
55 23.4 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

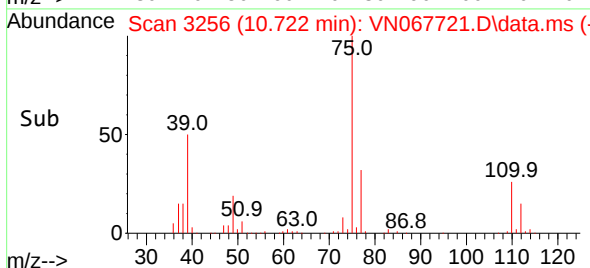
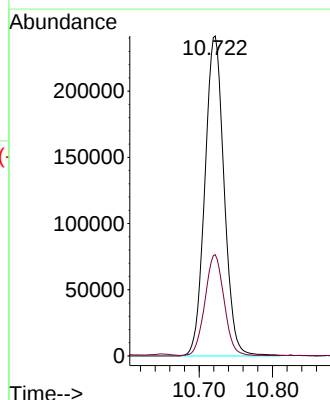
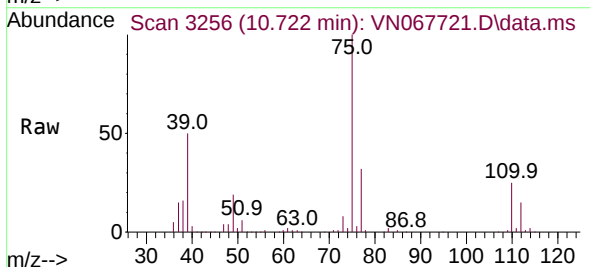
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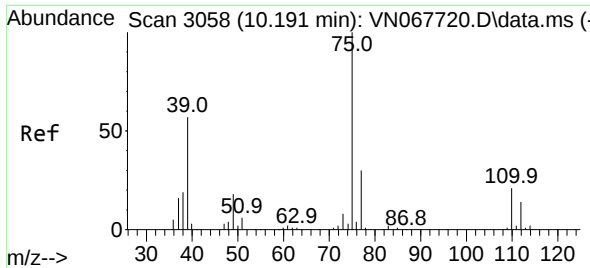
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 51.349 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 75 Resp: 439584
Ion Ratio Lower Upper
75 100
77 31.5 27.0 40.4





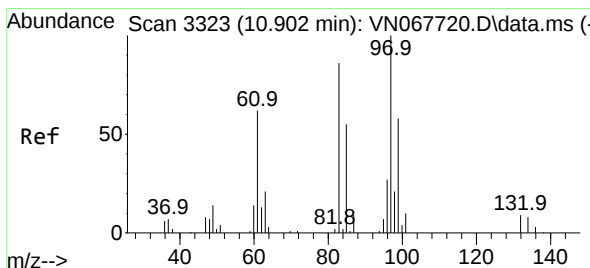
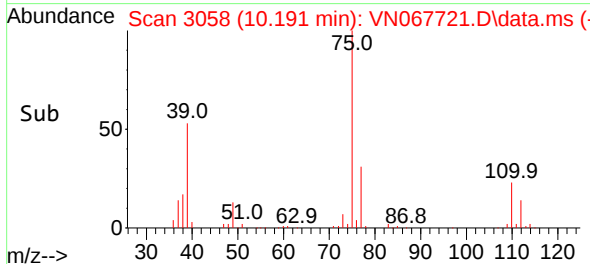
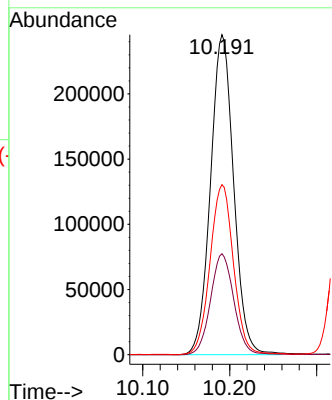
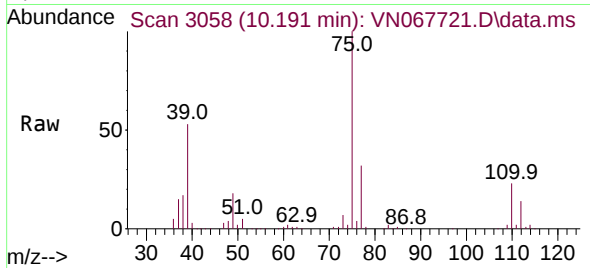
#49
 cis-1,3-Dichloropropene
 Concen: 50.457 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

Tgt Ion: 75 Resp: 453938
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.8 35.6
 39 53.1 45.3 67.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

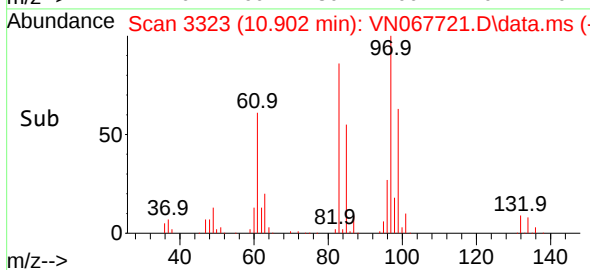
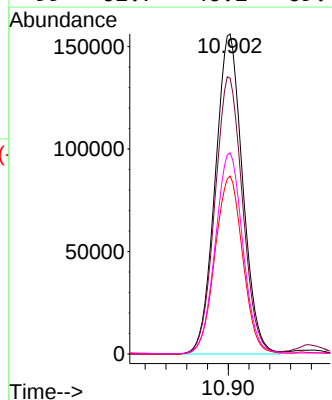
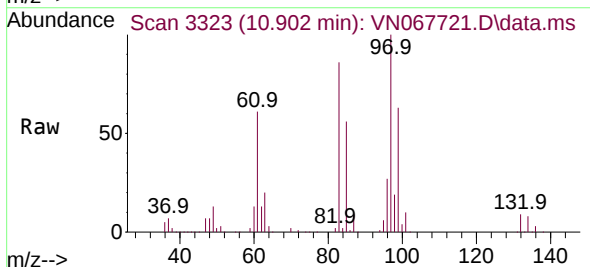
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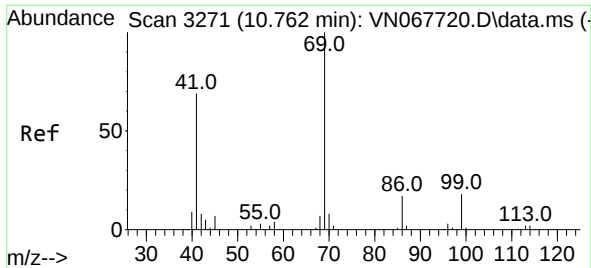
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#50
 1,1,2-Trichloroethane
 Concen: 50.253 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. -0.000 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

Tgt Ion: 97 Resp: 286339
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.0 103.4
 85 55.6 43.8 65.8
 99 62.7 46.2 69.4





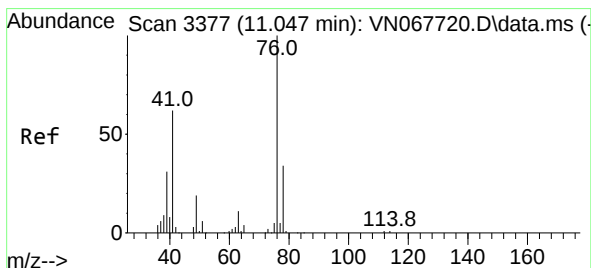
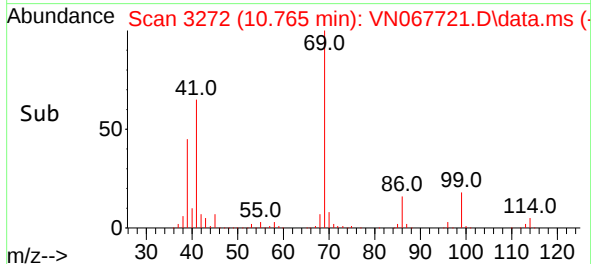
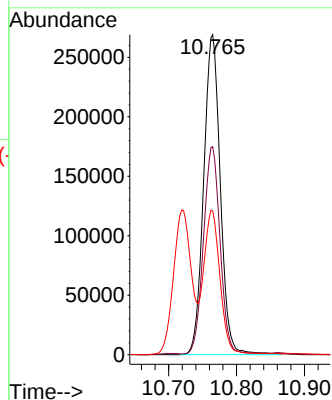
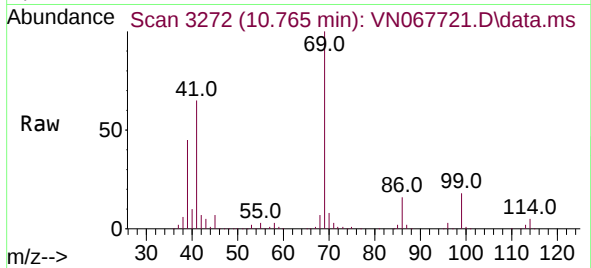
#51
Ethyl methacrylate
Concen: 51.562 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 69 Resp: 458258
Ion Ratio Lower Upper
69 100
41 64.7 34.3 102.9
39 44.6 23.7 71.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

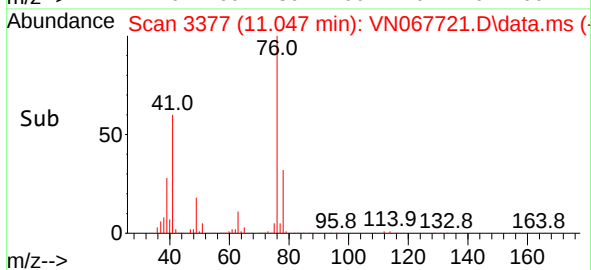
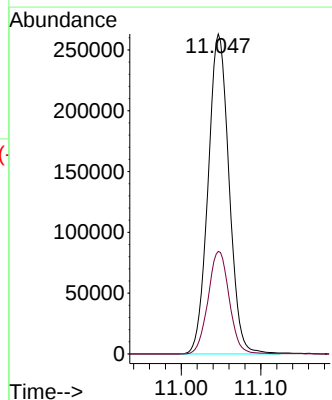
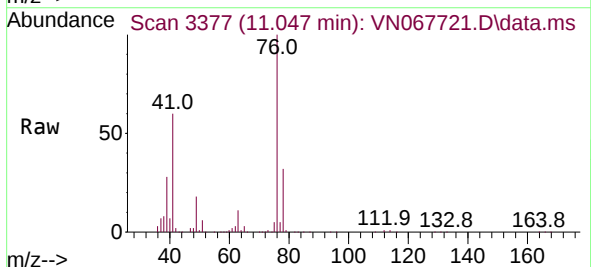
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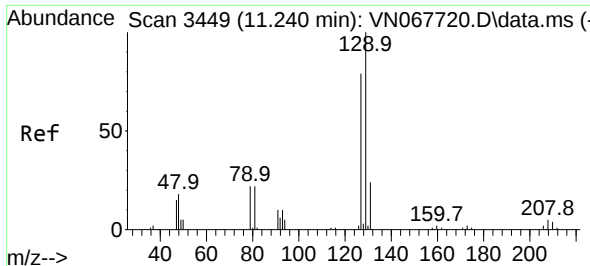
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#52
1,3-Dichloropropane
Concen: 51.180 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

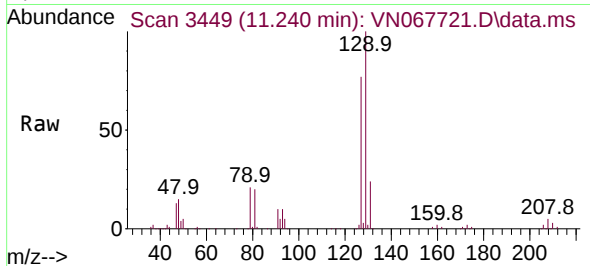
Tgt Ion: 76 Resp: 481337
Ion Ratio Lower Upper
76 100
78 32.4 0.0 67.0





#53
Dibromochloromethane
Concen: 51.882 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

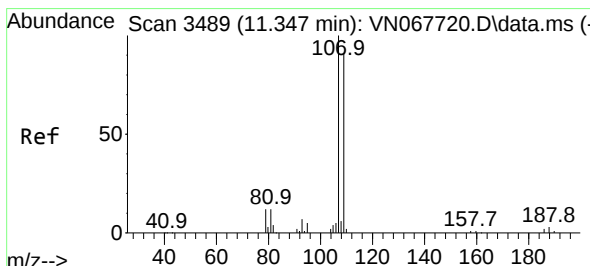
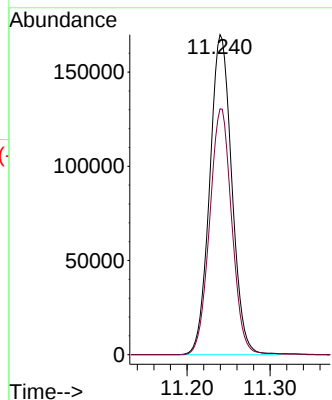
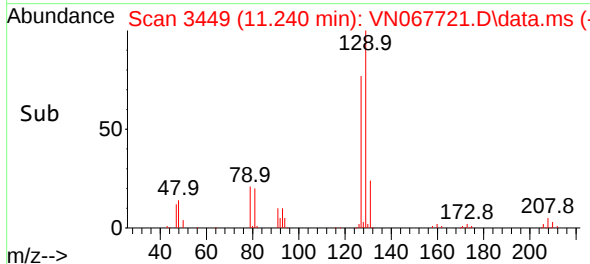
Instrument :
MSVOA_N
ClientSampleId :
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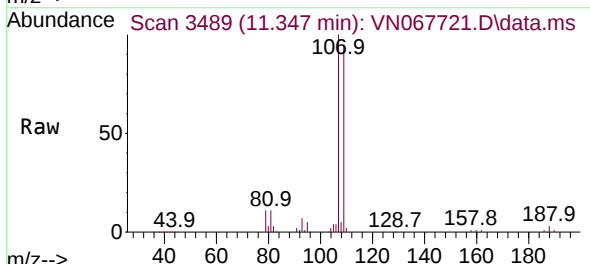
Tgt Ion:129 Resp: 313857
Ion Ratio Lower Upper
129 100
127 76.9 39.6 118.8

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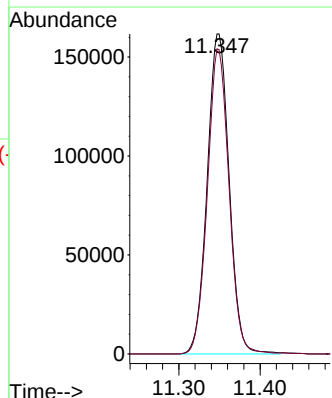
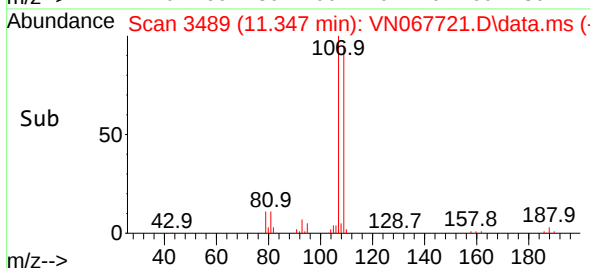
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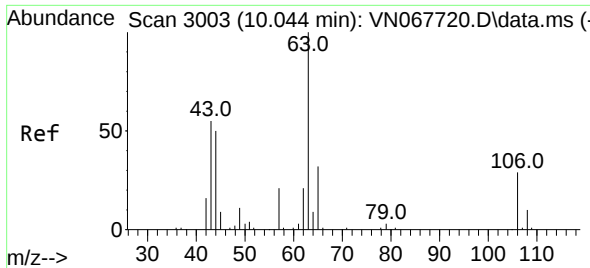


#54
1,2-Dibromoethane
Concen: 51.168 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion:107 Resp: 303127
Ion Ratio Lower Upper
107 100
109 93.7 74.6 111.8





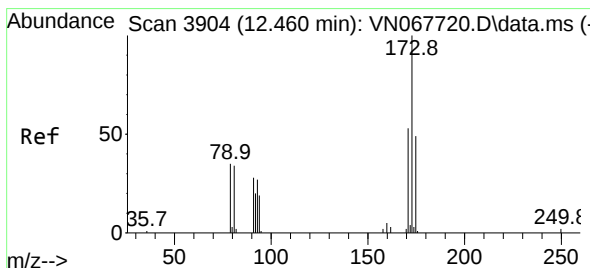
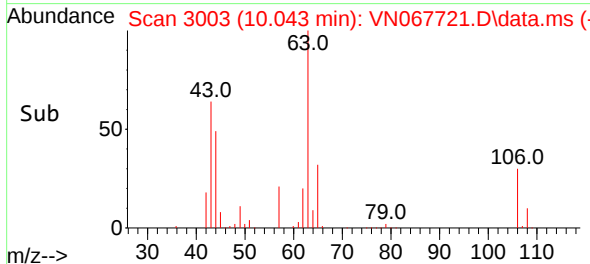
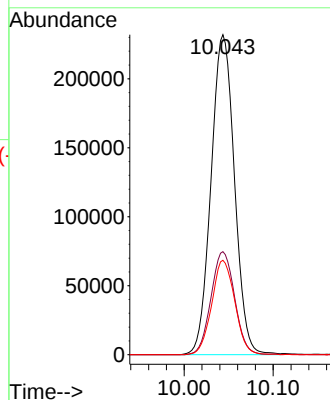
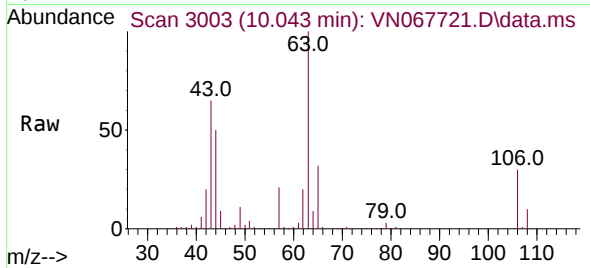
#55
2-Chloroethyl vinyl ether
Concen: 228.337 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 63 Resp: 423942
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 29.1 22.1 33.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

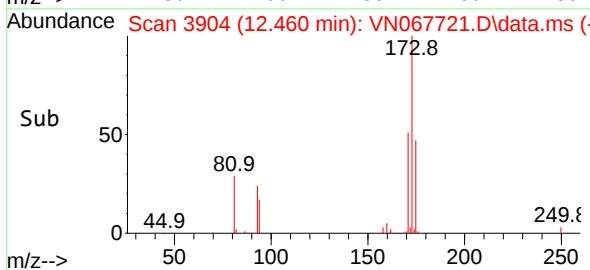
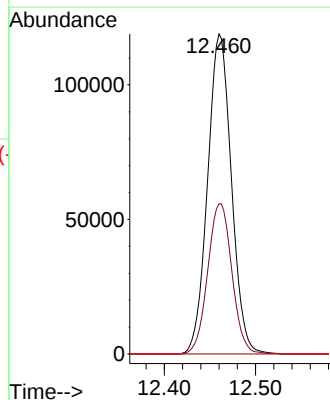
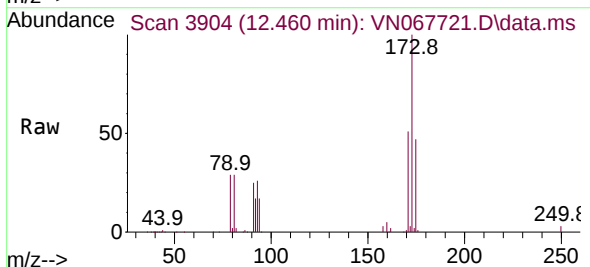
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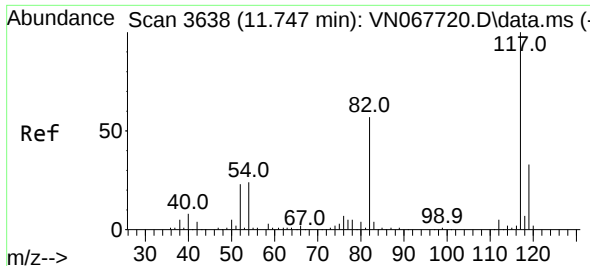
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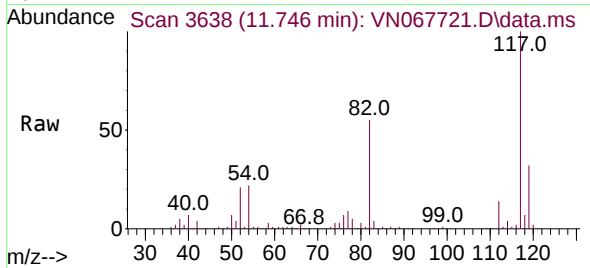
#56
Bromoform
Concen: 50.974 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 173 Resp: 215847
Ion Ratio Lower Upper
173 100
175 47.7 38.5 57.7
254 0.0 0.0 0.0

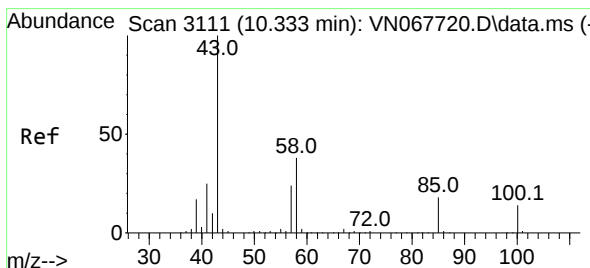
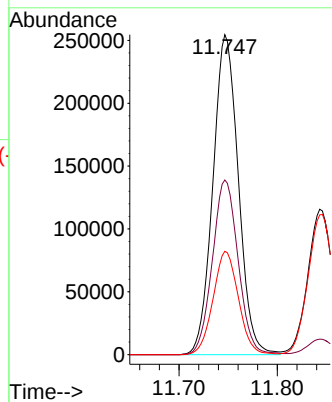
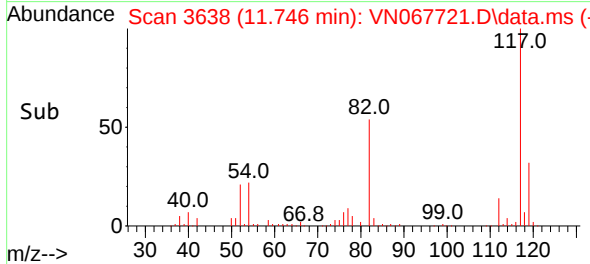




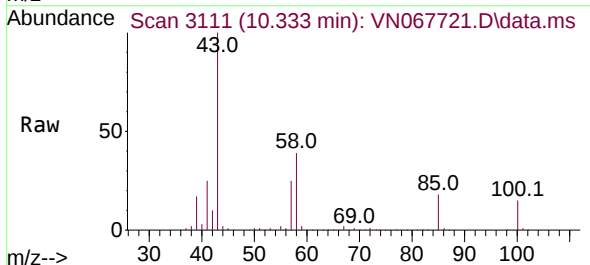
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



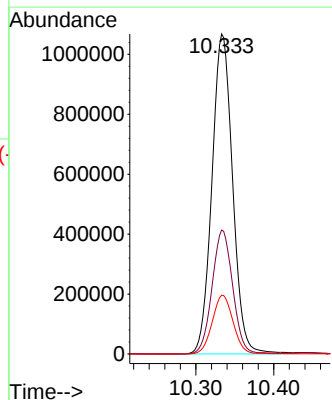
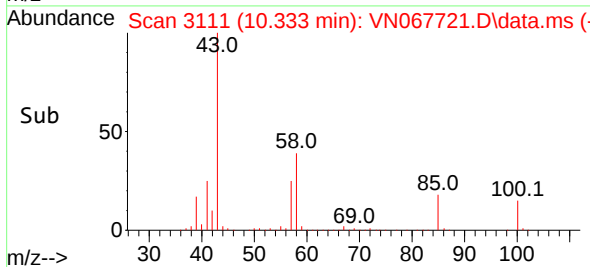
Tgt Ion: 117 Resp: 457894
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 253.418 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



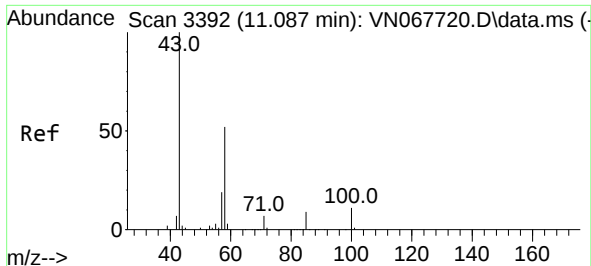
Tgt Ion: 43 Resp: 1966429
Ion Ratio Lower Upper
43 100
58 38.8 29.9 44.9
85 18.6 14.1 21.1



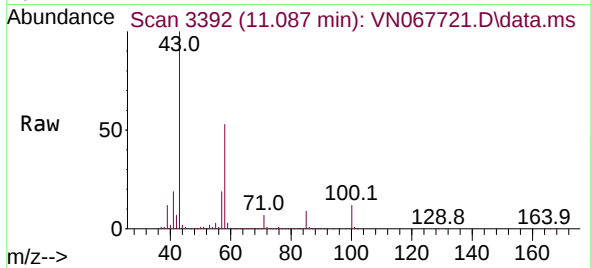
Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

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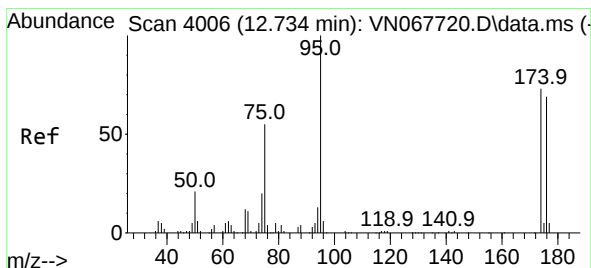
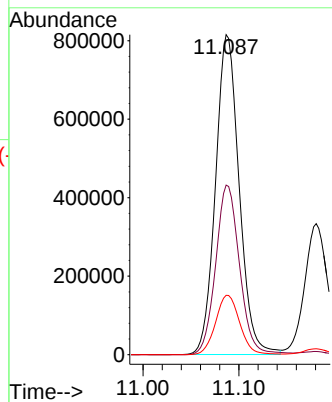
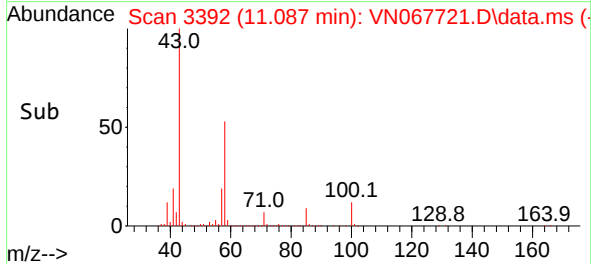
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7/16/2021 10:42:30 AM



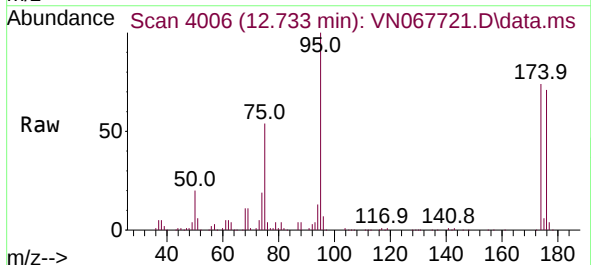
#59
2-Hexanone
Concen: 255.023 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



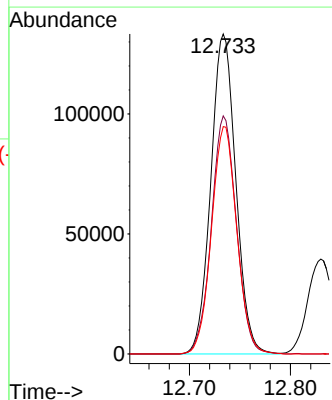
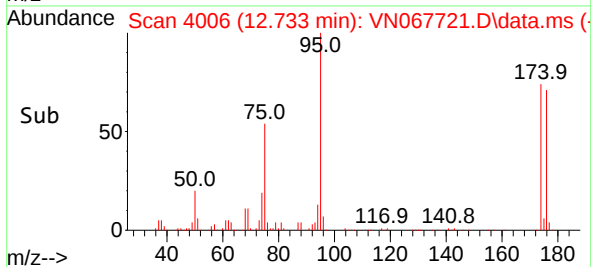
Tgt Ion: 43 Resp: 1395464
Ion Ratio Lower Upper
43 100
58 53.6 41.5 62.3
57 19.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 31.120 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



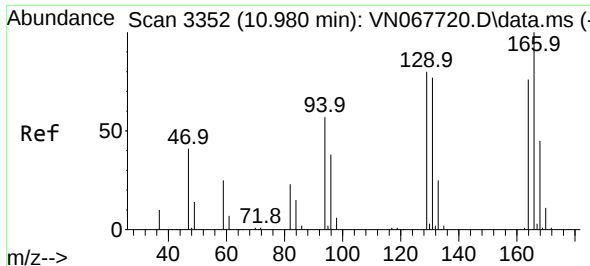
Tgt Ion: 95 Resp: 229053
Ion Ratio Lower Upper
95 100
174 74.5 57.1 85.7
176 72.2 54.6 81.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

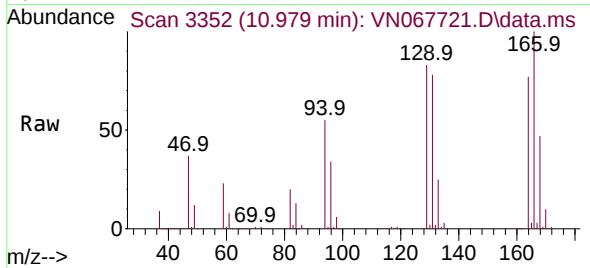
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7/16/2021 10:42:30 AM



#61
Tetrachloroethene
Concen: 48.711 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

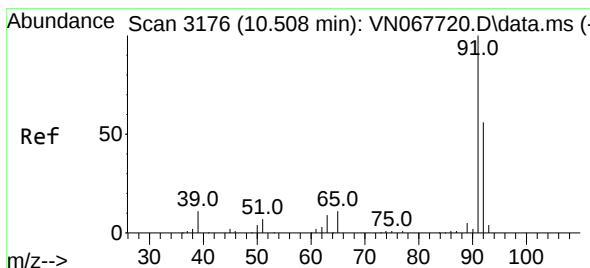
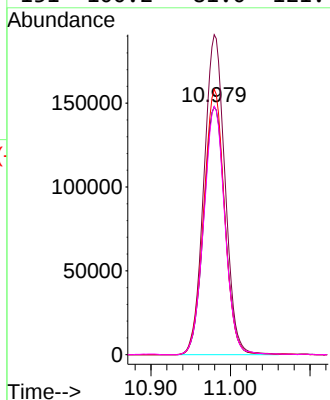
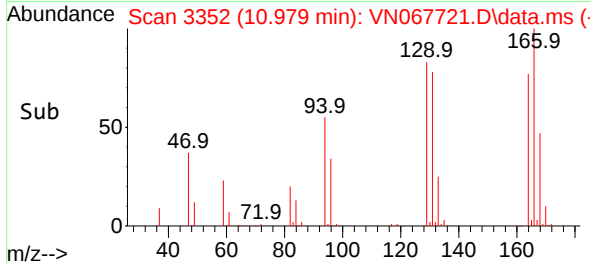
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



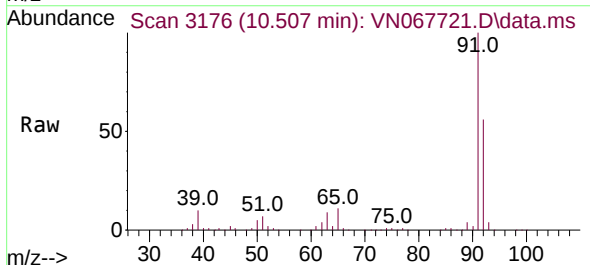
Tgt Ion:164 Resp: 275729
Ion Ratio Lower Upper
164 100
166 129.0 105.5 158.3
129 107.1 84.5 126.7
131 100.2 81.0 121.4

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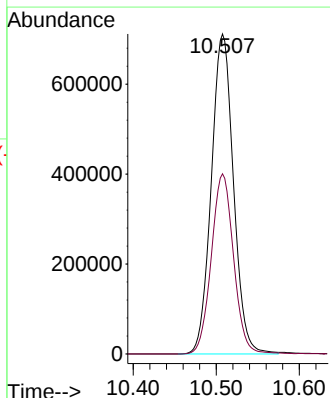
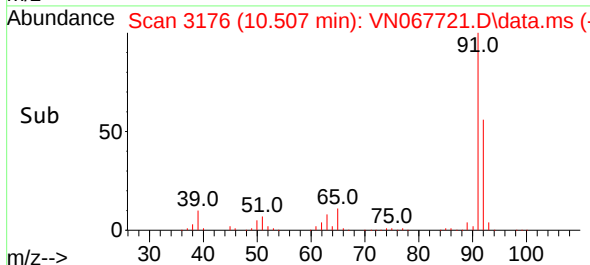
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7/16/2021 10:42:30 AM

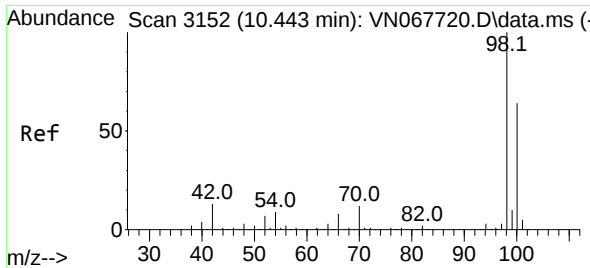


#62
Toluene
Concen: 49.666 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion: 91 Resp: 1320209
Ion Ratio Lower Upper
91 100
92 56.5 44.8 67.2





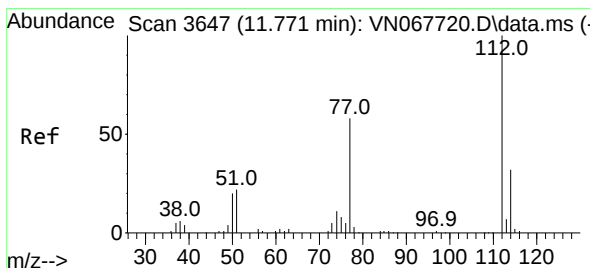
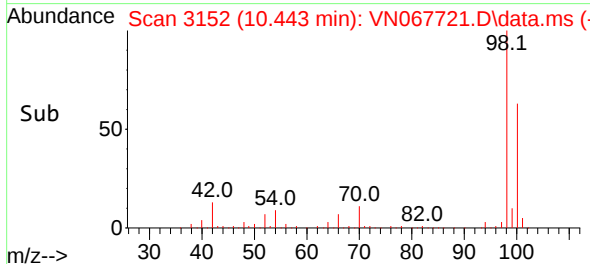
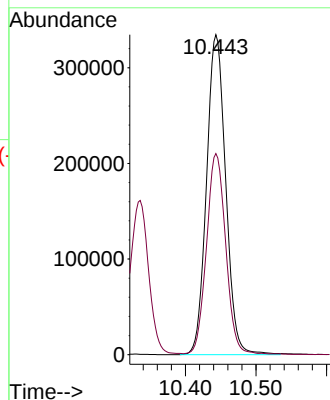
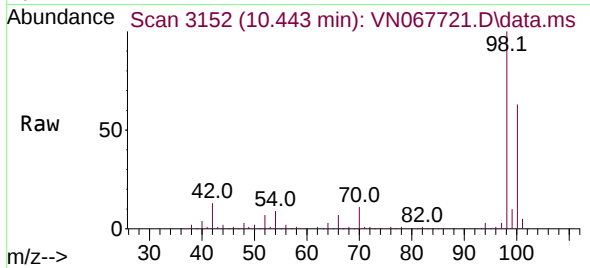
#63
Toluene-d8
Concen: 30.134 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 98 Resp: 632071
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

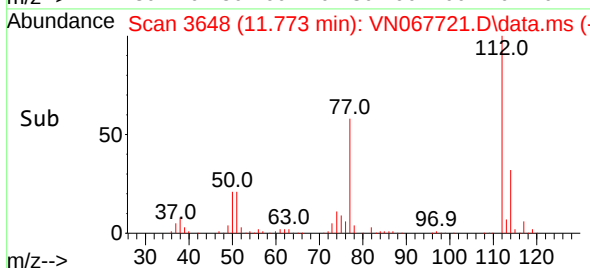
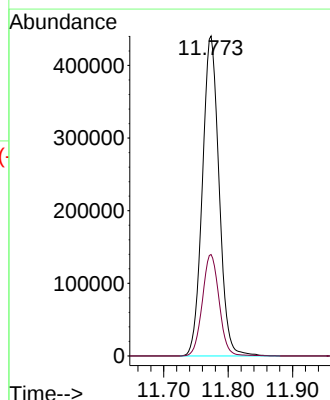
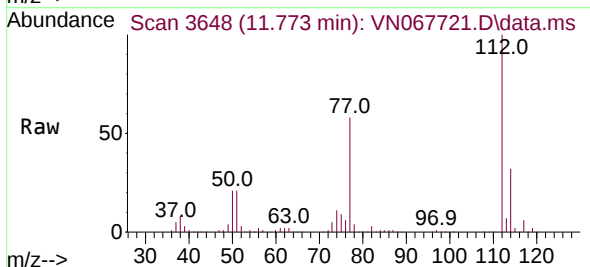
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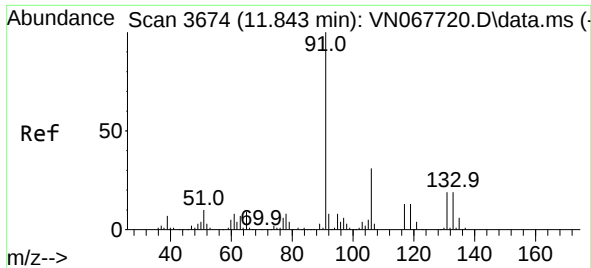
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7/16/2021 10:42:30 AM



#64
Chlorobenzene
Concen: 49.390 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 112 Resp: 791693
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8





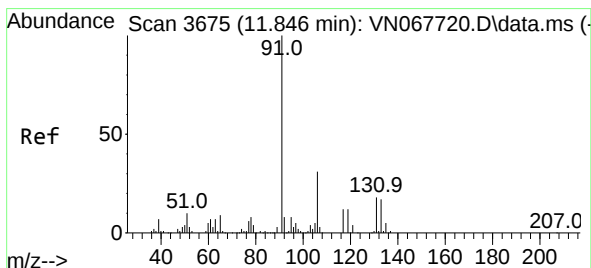
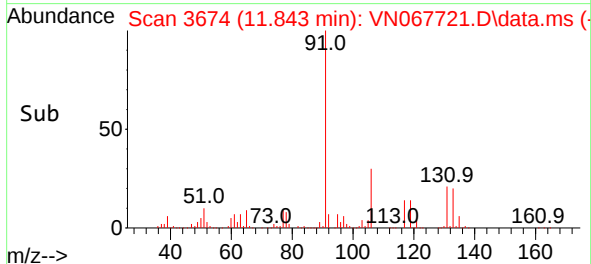
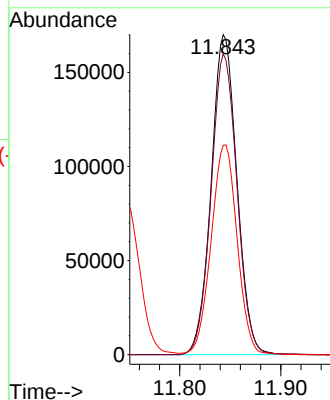
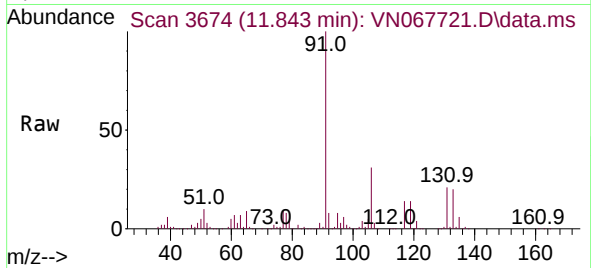
#65
1,1,1,2-Tetrachloroethane
Concen: 50.439 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	0.0	192.6
119	66.1	0.0	133.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

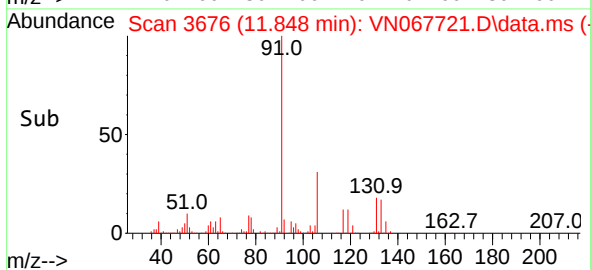
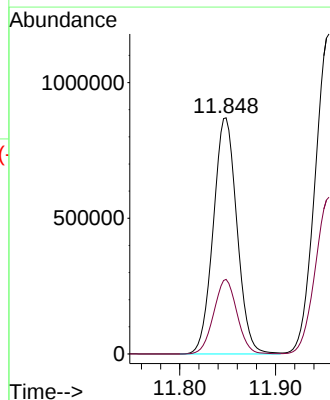
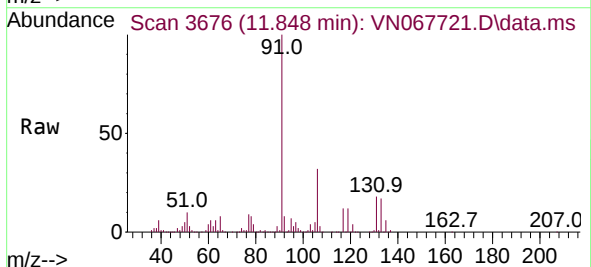
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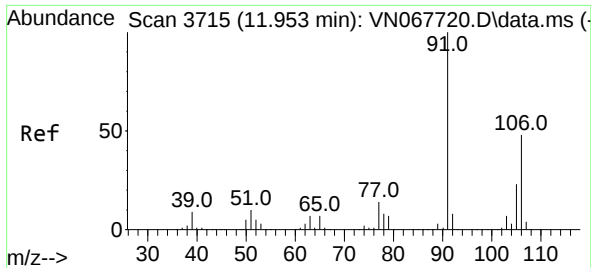
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7/16/2021 10:42:30 AM



#66
Ethyl Benzene
Concen: 50.690 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.6	37.0





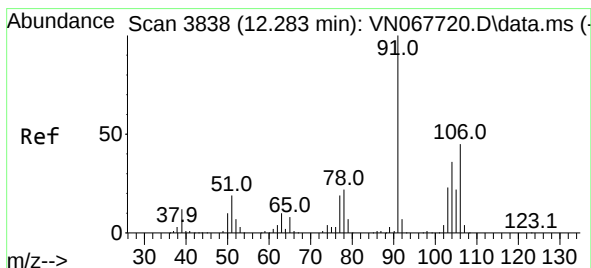
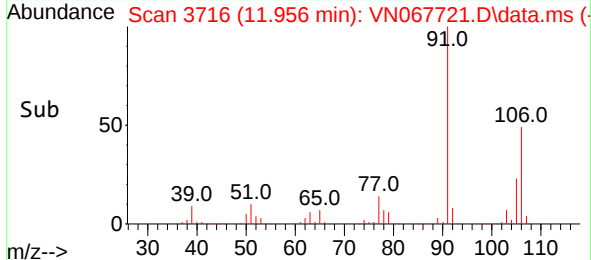
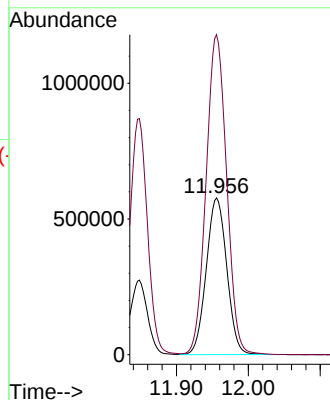
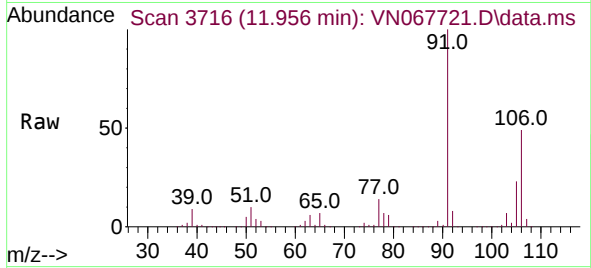
#67
m/p-Xylenes
Concen: 101.928 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 1147131
Ion Ratio Lower Upper
106 100
91 204.4 166.6 250.0

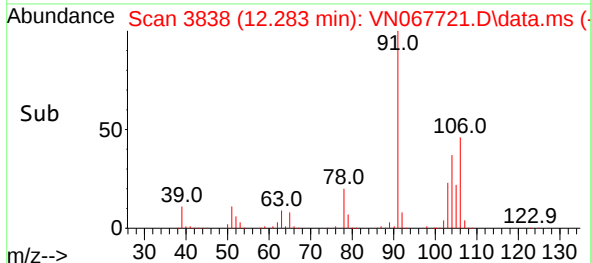
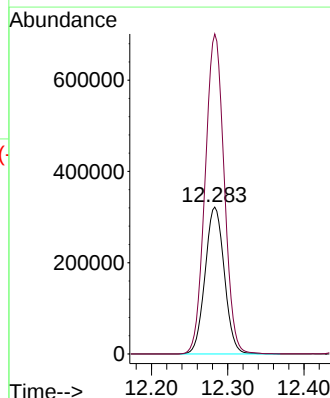
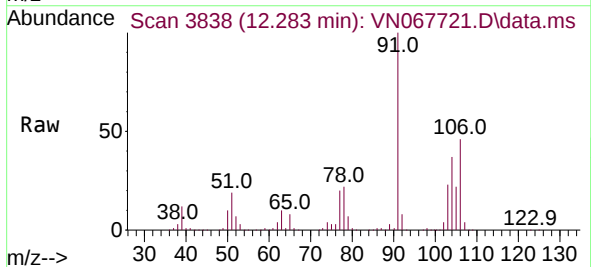
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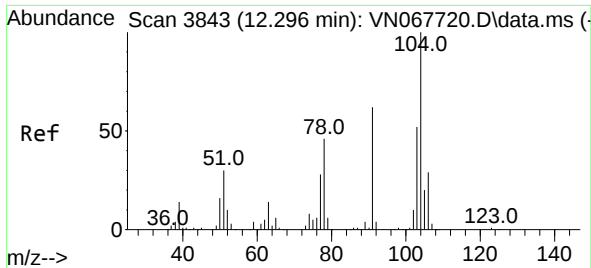
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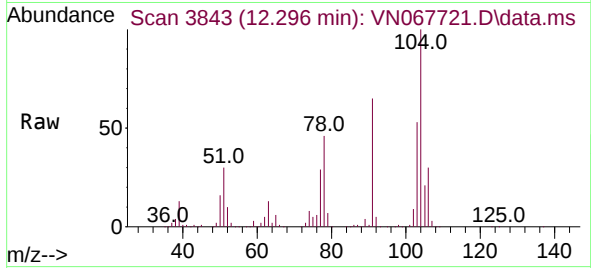
#68
o-Xylene
Concen: 50.756 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:106 Resp: 564738
Ion Ratio Lower Upper
106 100
91 215.5 109.6 328.8

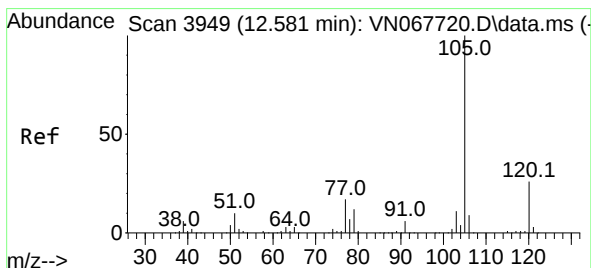
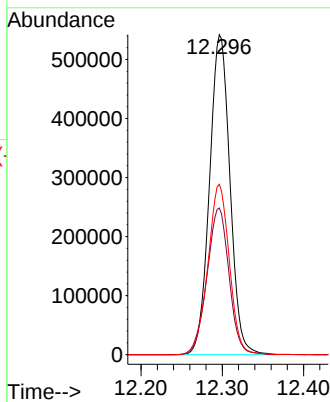
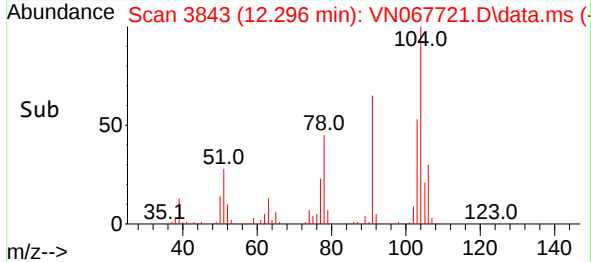




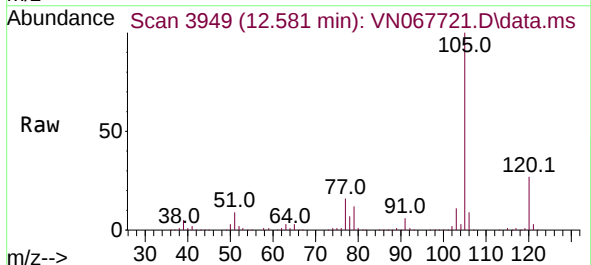
#69
Styrene
Concen: 51.977 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



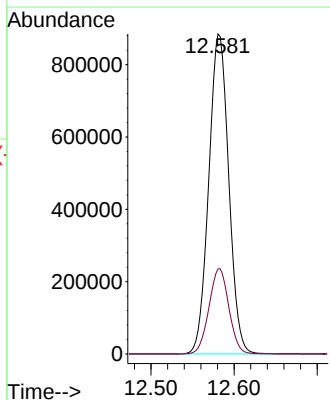
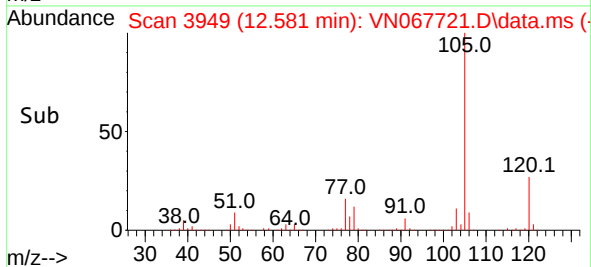
Tgt Ion:104 Resp: 948520
Ion Ratio Lower Upper
104 100
78 49.5 40.8 61.2
103 55.9 44.9 67.3



#70
Isopropylbenzene
Concen: 51.448 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



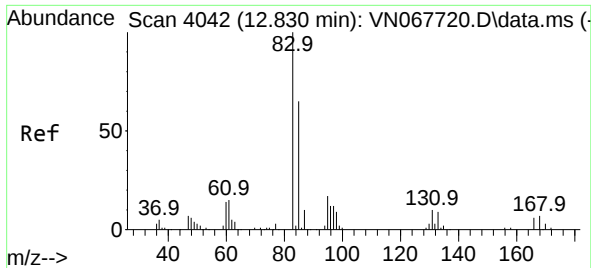
Tgt Ion:105 Resp: 1476253
Ion Ratio Lower Upper
105 100
120 26.6 17.9 33.3



Instrument :
MSVOA_N
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7/16/2021 10:42:30 AM



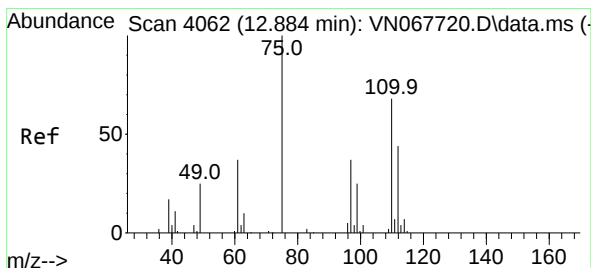
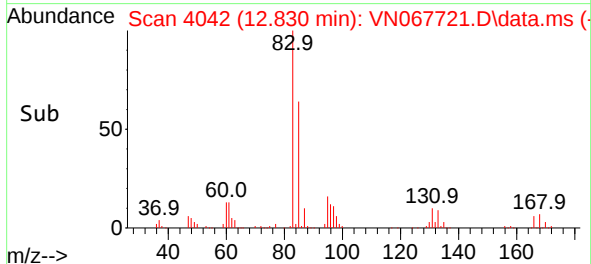
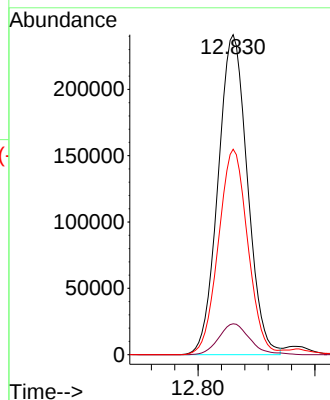
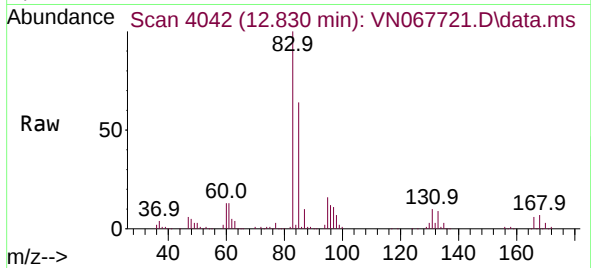
#71
1,1,2,2-Tetrachloroethane
Concen: 51.810 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 83 Resp: 421188
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 64.1 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

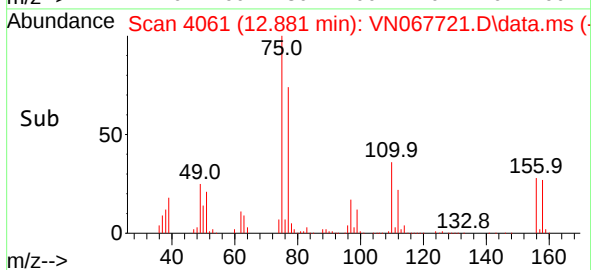
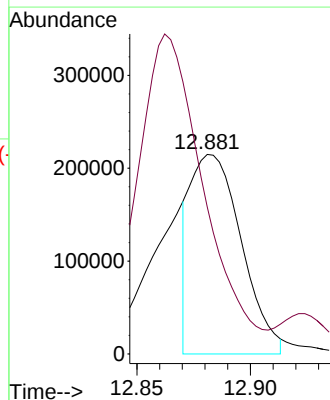
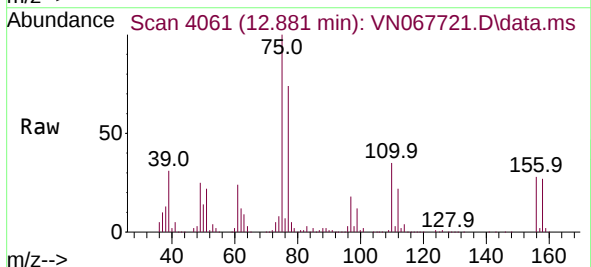
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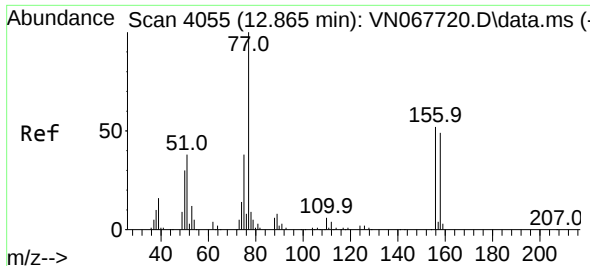
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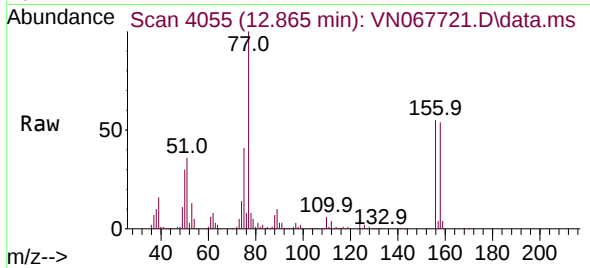
#72
1,2,3-Trichloropropane
Concen: 48.184 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 75 Resp: 334712
Ion Ratio Lower Upper
75 100
77 211.1 0.0 365.2

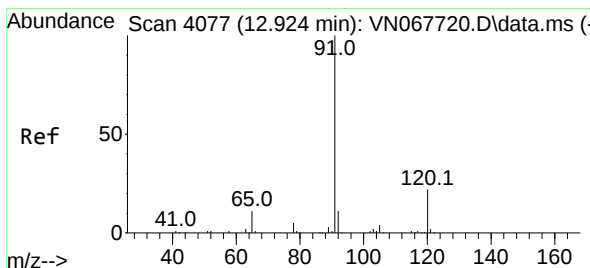
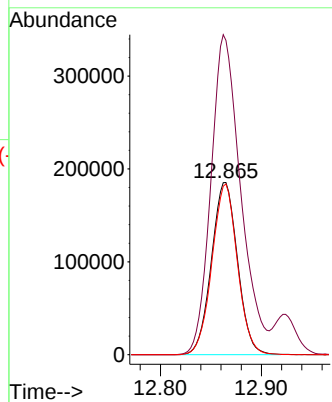
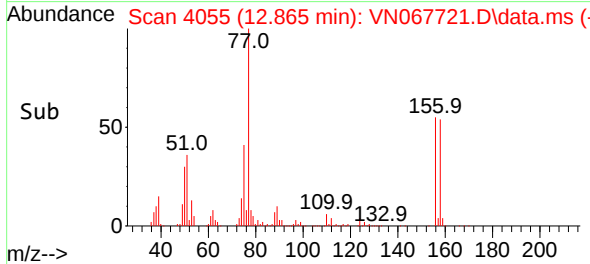




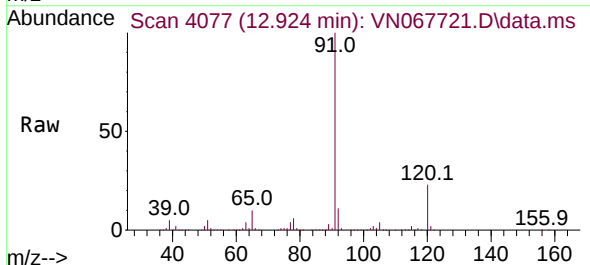
#73
Bromobenzene
Concen: 50.400 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



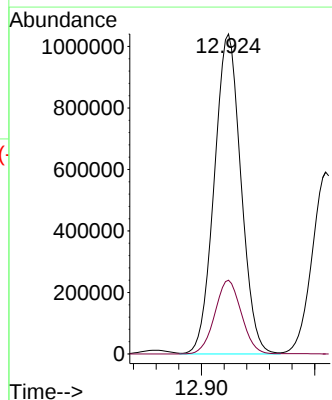
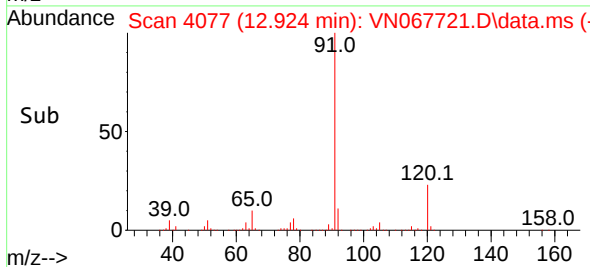
Tgt Ion:156 Resp: 332396
Ion Ratio Lower Upper
156 100
77 212.6 0.0 436.4
158 96.7 0.0 191.4



#74
n-propylbenzene
Concen: 52.006 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



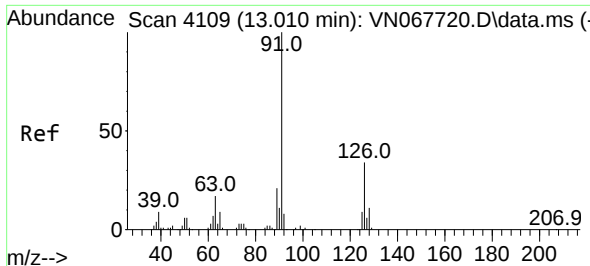
Tgt Ion: 91 Resp: 1700451
Ion Ratio Lower Upper
91 100
120 22.9 0.0 44.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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7/16/2021 10:42:30 AM



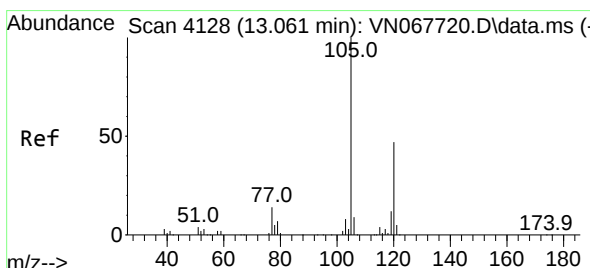
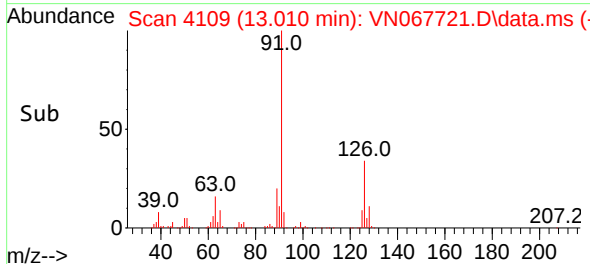
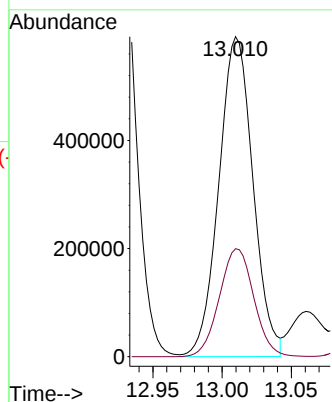
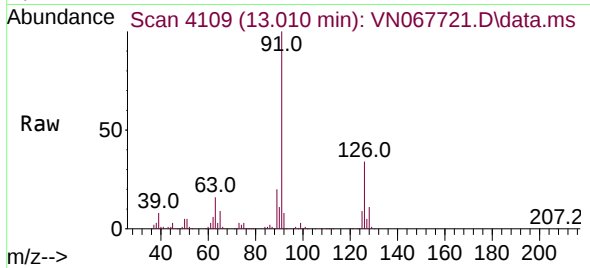
#75
2-Chlorotoluene
Concen: 51.737 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 1015826
Ion Ratio Lower Upper
91 100
126 34.1 0.0 66.2

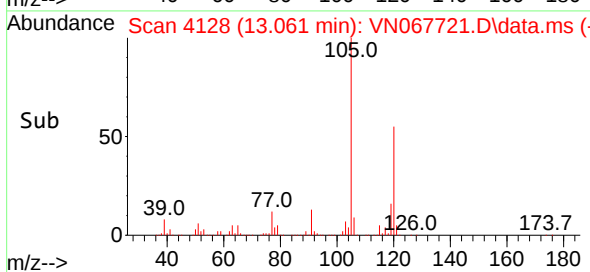
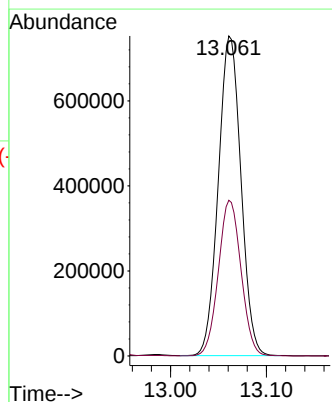
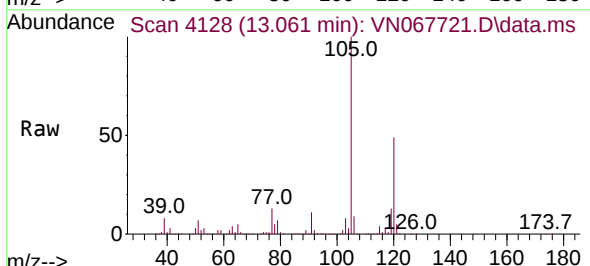
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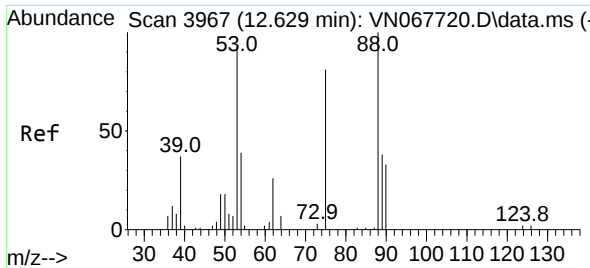
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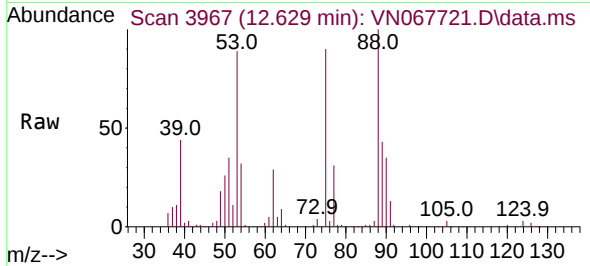
#76
1,3,5-Trimethylbenzene
Concen: 51.838 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 105 Resp: 1230240
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.2

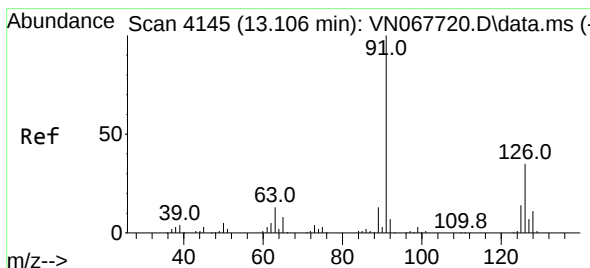
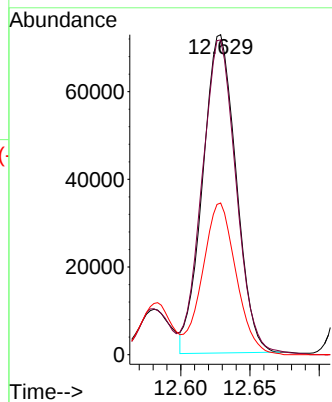
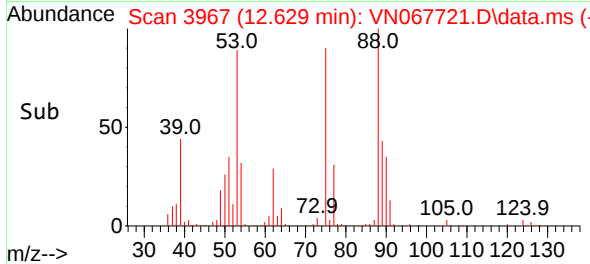




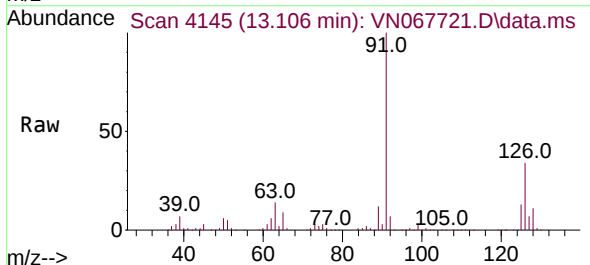
#77
t-1,4-Dichloro-2-butene
Concen: 51.811 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



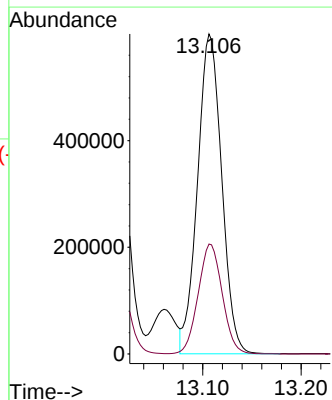
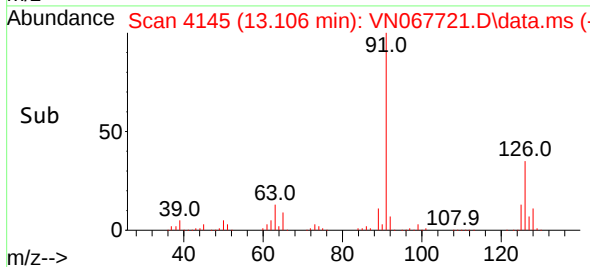
Tgt Ion: 75 Resp: 121731
Ion Ratio Lower Upper
75 100
53 97.9 57.0 171.0
89 47.5 24.7 74.1



#78
4-Chlorotoluene
Concen: 52.505 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



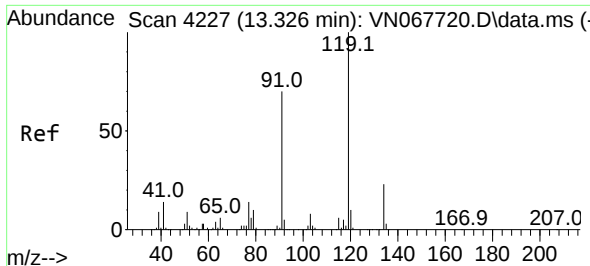
Tgt Ion: 91 Resp: 1021867
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

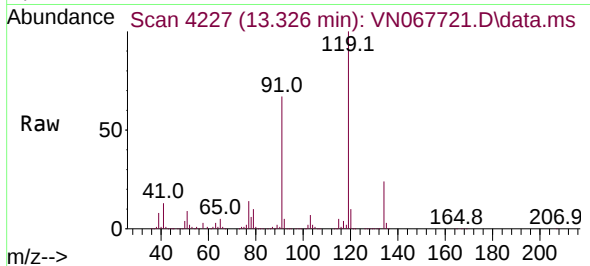
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7/16/2021 10:42:30 AM



#79
tert-butylbenzene
Concen: 52.263 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

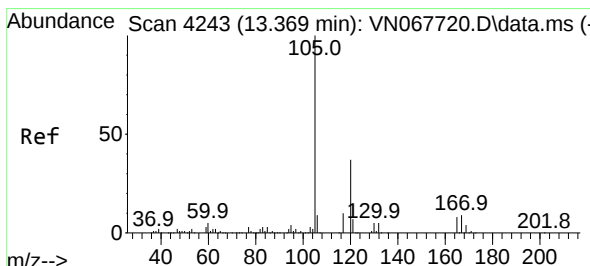
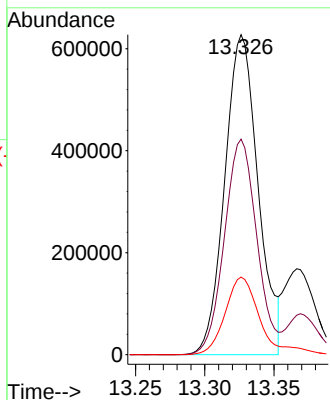
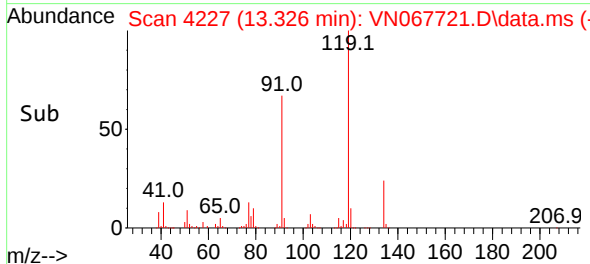
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



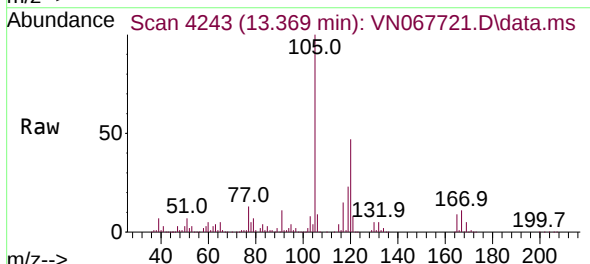
Tgt Ion:119 Resp: 1051186
Ion Ratio Lower Upper
119 100
91 65.5 0.0 137.2
134 25.4 0.0 50.2

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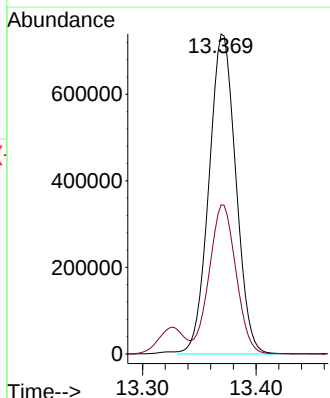
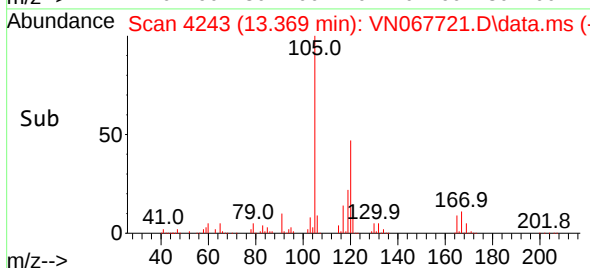
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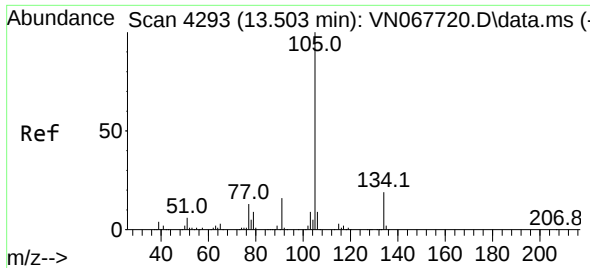


#80
1,2,4-Trimethylbenzene
Concen: 52.077 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



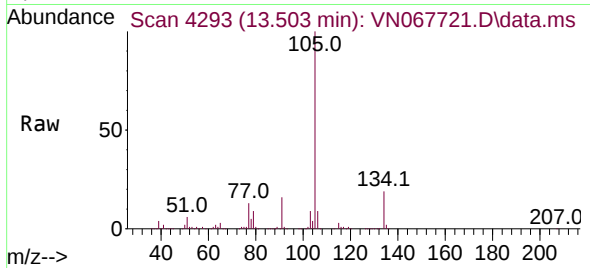
Tgt Ion:105 Resp: 1216511
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 52.406 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

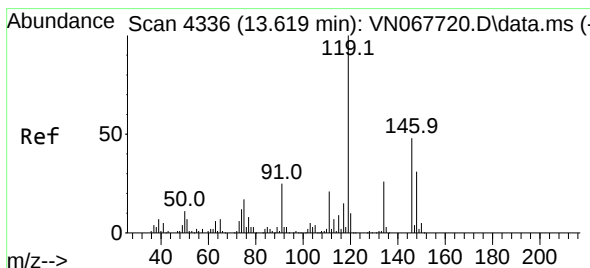
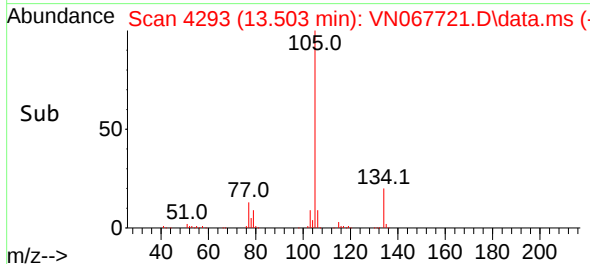
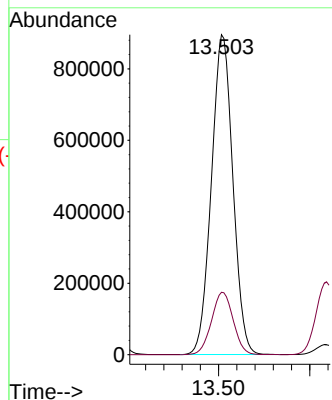
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion:105 Resp: 1463203
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

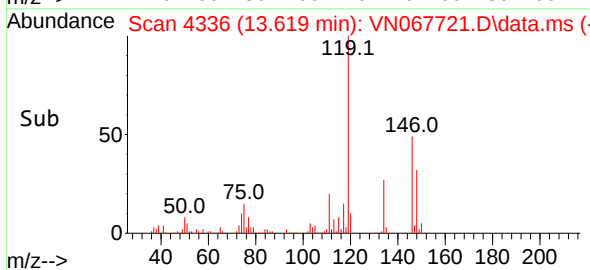
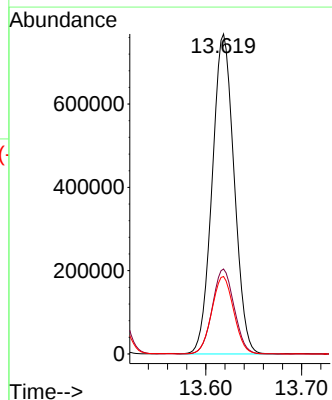
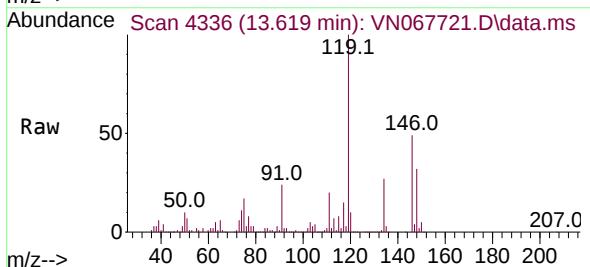
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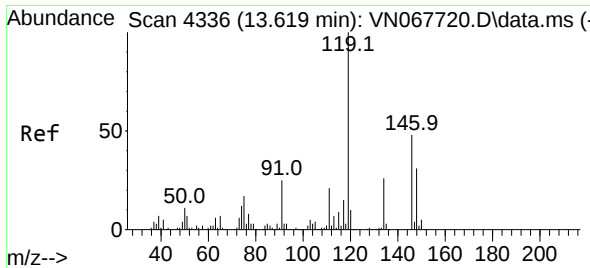
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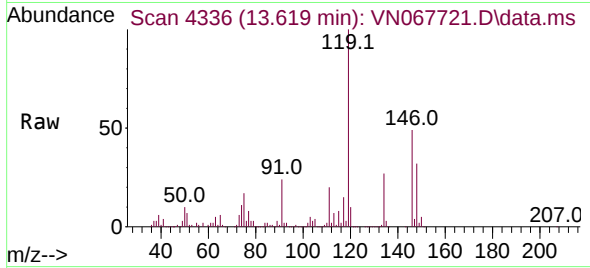
#82
 p-Isopropyltoluene
 Concen: 52.376 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067721.D
 Acq: 13 Jul 2021 16:59

Tgt Ion:119 Resp: 1218643
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.0
 91 24.2 0.0 50.6

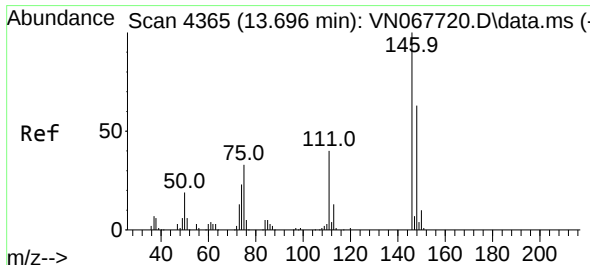
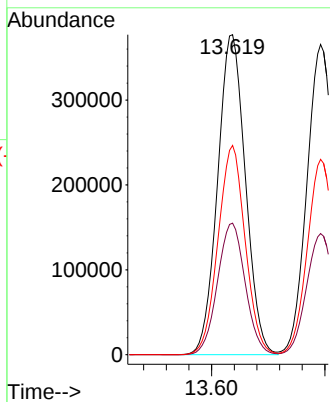
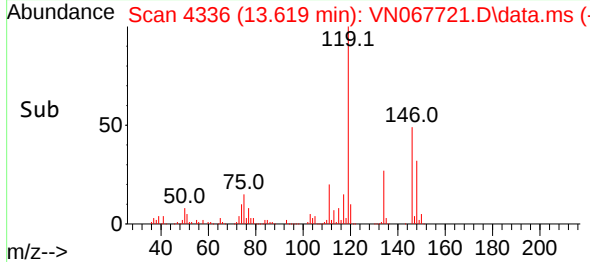




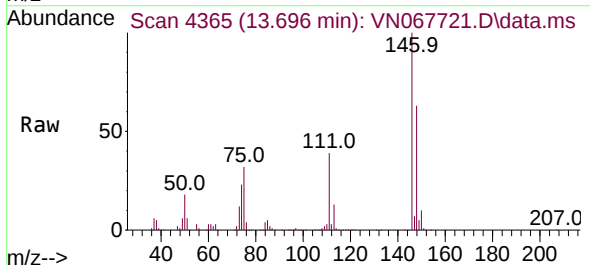
#83
1,3-Dichlorobenzene
Concen: 52.155 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



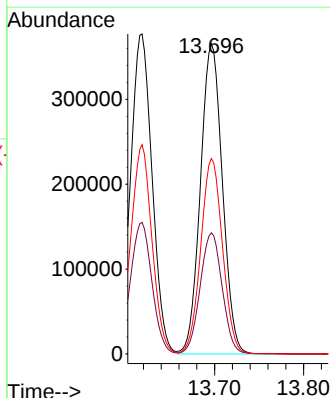
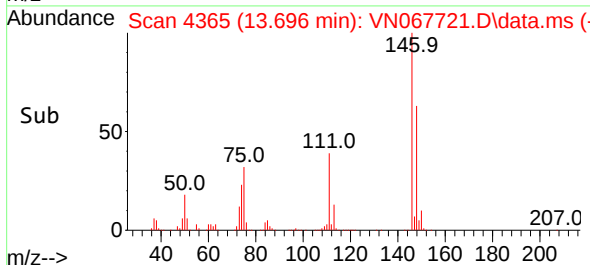
Tgt Ion:146 Resp: 642516
Ion Ratio Lower Upper
146 100
111 41.0 21.1 63.1
148 64.0 31.9 95.7



#84
1,4-Dichlorobenzene
Concen: 52.527 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



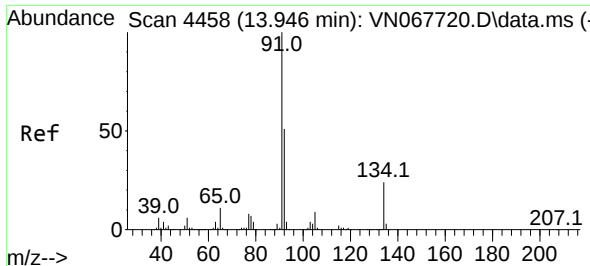
Tgt Ion:146 Resp: 626631
Ion Ratio Lower Upper
146 100
111 39.1 20.0 59.9
148 62.3 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

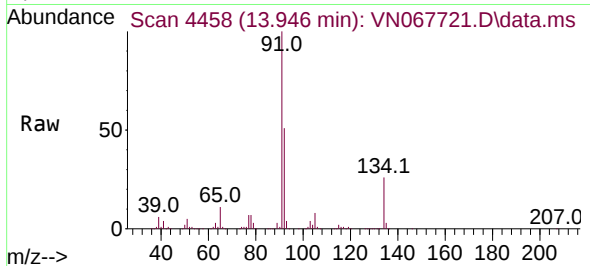
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7/16/2021 10:42:30 AM



#85
n-Butylbenzene
Concen: 51.372 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

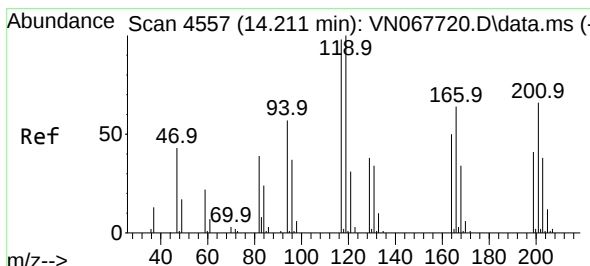
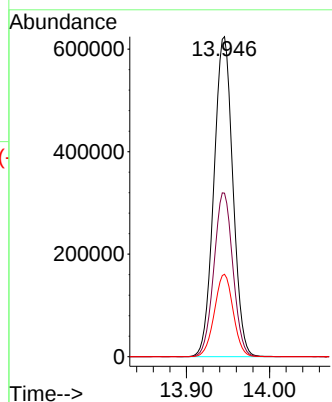
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



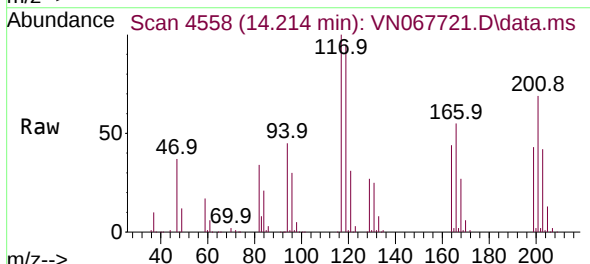
Tgt Ion:	91	Resp:	990421
Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	102.6
134	25.6	0.0	48.6

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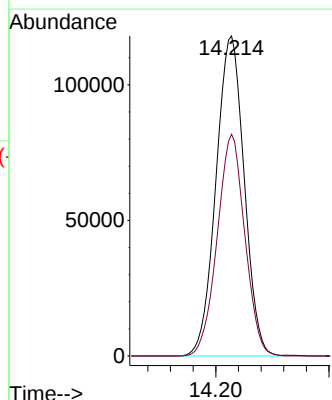
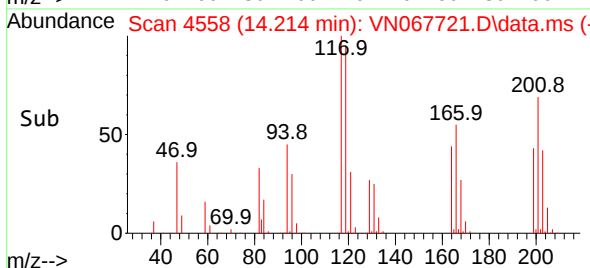
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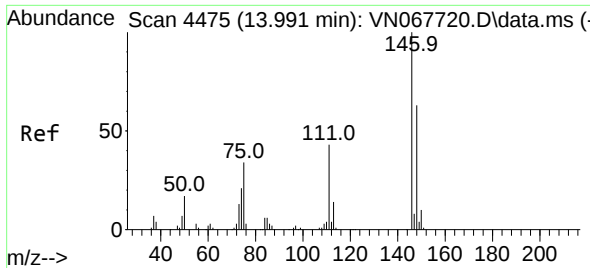


#86
Hexachloroethane
Concen: 51.257 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion:	117	Resp:	203639
Ion	Ratio	Lower	Upper
117	100		
201	67.9	31.8	95.3





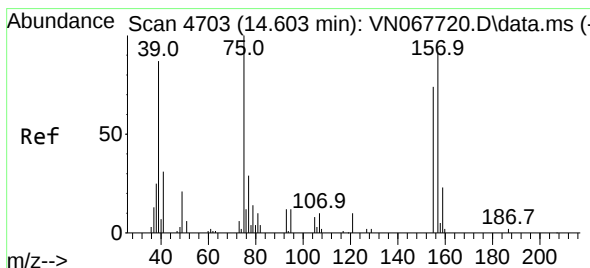
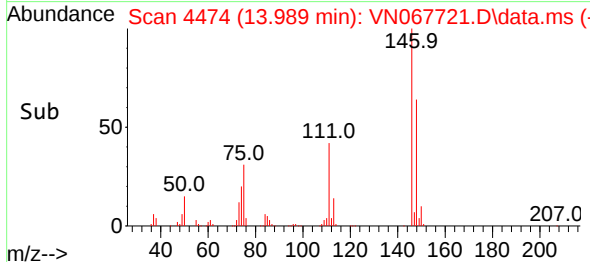
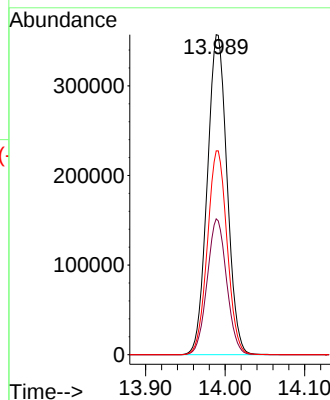
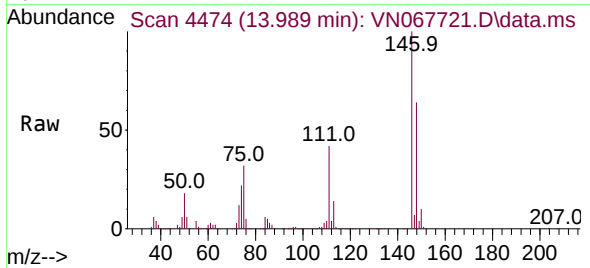
#87
1,2-Dichlorobenzene
Concen: 53.004 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

Tgt Ion:146 Resp: 617856
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 63.4 31.7 95.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

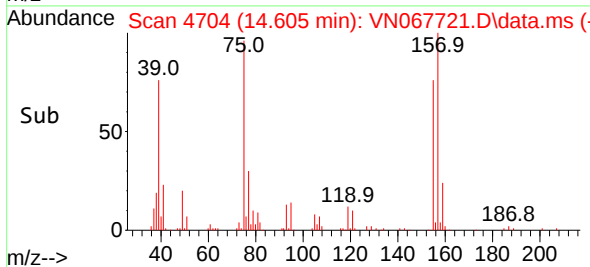
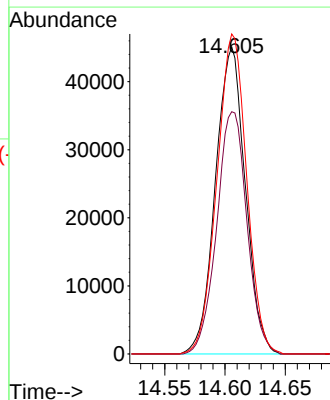
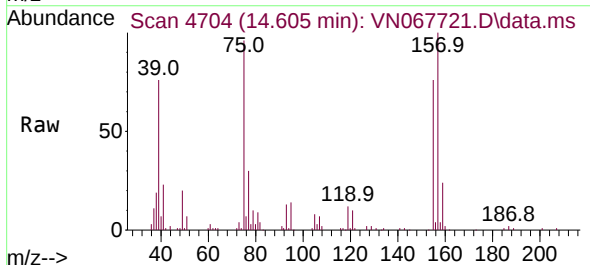
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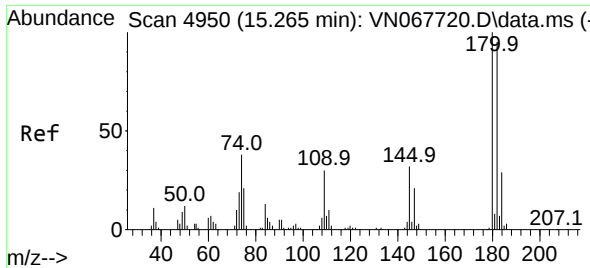
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#88
1,2-Dibromo-3-Chloropropane
Concen: 52.636 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

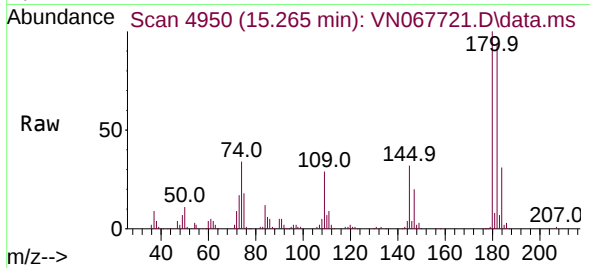
Tgt Ion: 75 Resp: 77697
Ion Ratio Lower Upper
75 100
155 79.8 59.2 88.8
157 103.8 75.4 113.2





#89
1,2,4-Trichlorobenzene
Concen: 49.382 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

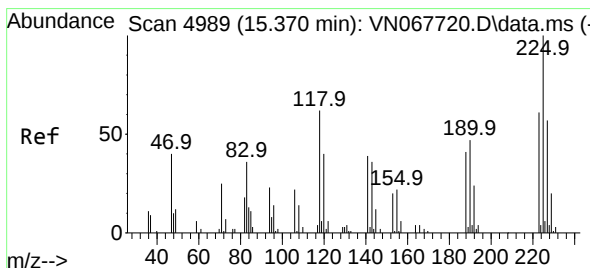
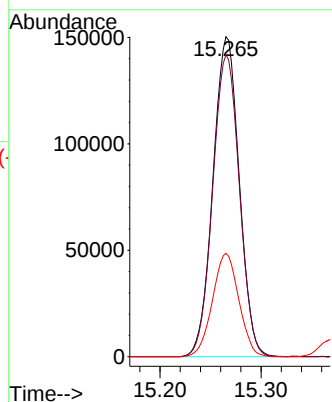
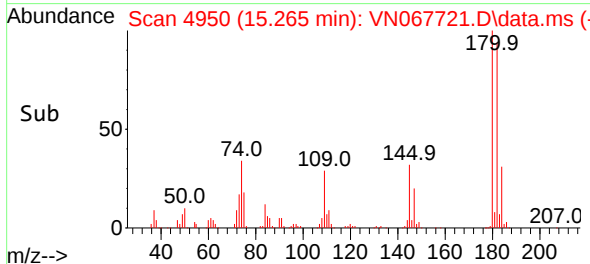
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



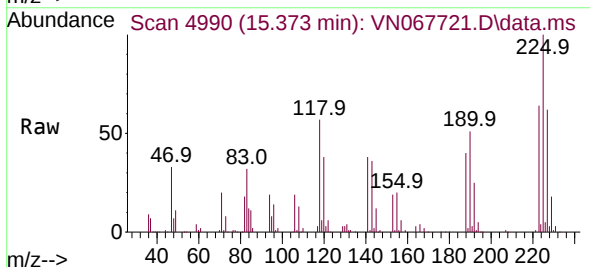
Tgt Ion:180 Resp: 271144
Ion Ratio Lower Upper
180 100
182 95.8 74.5 111.7
145 32.4 25.4 38.0

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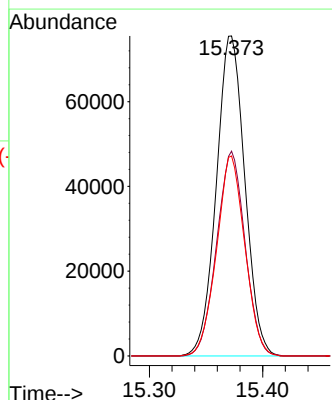
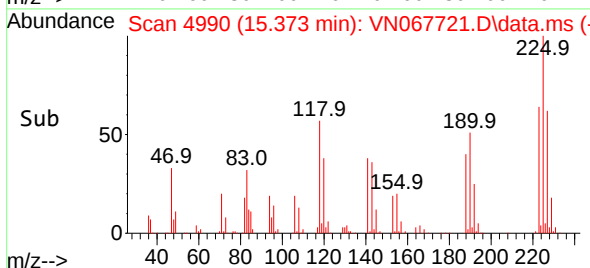
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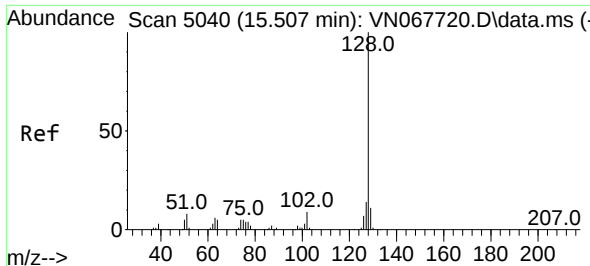


#90
Hexachlorobutadiene
Concen: 50.481 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



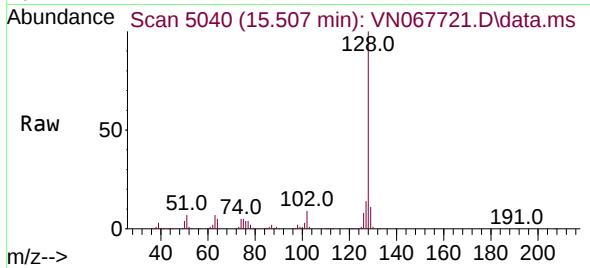
Tgt Ion:225 Resp: 131928
Ion Ratio Lower Upper
225 100
223 63.7 0.0 124.6
227 62.0 0.0 115.6





#91
Naphthalene
Concen: 51.701 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59

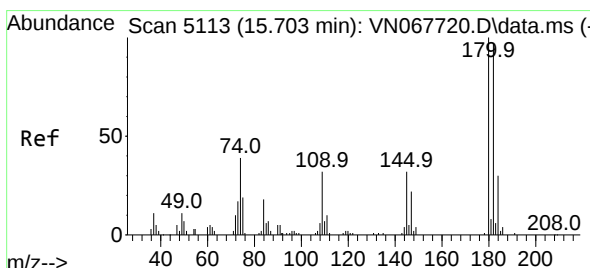
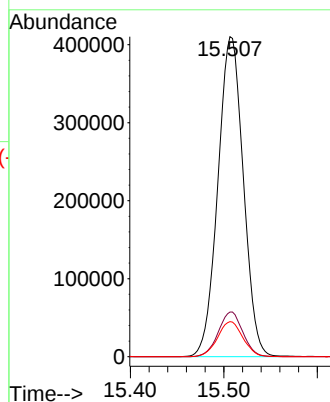
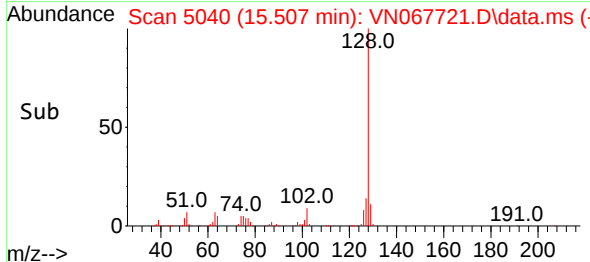
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



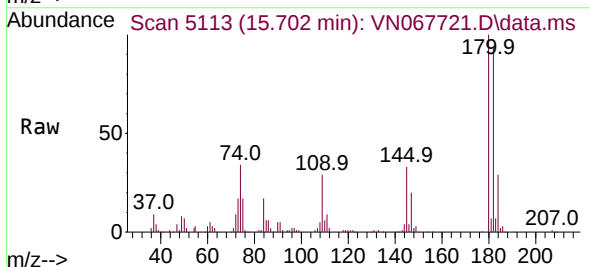
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.9	8.7	13.1

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7/16/2021 10:42:30 AM



#92
1,2,3-Trichlorobenzene
Concen: 49.373 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN067721.D
Acq: 13 Jul 2021 16:59



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	190.8
145	33.8	0.0	68.2

