

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068402.D
 Acq On : 3 Sep 2021 12:11
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
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Quant Time: Sep 03 13:04:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:01:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	129934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	648856m	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	589648	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	220050	22.700	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	75.667%#		
60) 4-Bromofluorobenzene	12.733	95	251356	27.079	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.267%		
63) Toluene-d8	10.446	98	772390	28.679	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	676490	98.633	ug/l	98
3) Chloromethane	2.306	50	582445	73.115	ug/l	99
4) Vinyl Chloride	2.448	62	869909	71.246	ug/l	95
5) Bromomethane	2.832	94	805996	77.643	ug/l	93
6) Chloroethane	3.006	64	606607	68.510	ug/l	# 89
7) Trichlorofluoromethane	3.373	101	1188573	54.778	ug/l	97
8) Diethyl Ether	3.829	74	386847	88.004	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.218	101	685242	96.579	ug/l	80
10) 1,1-Dichloroethene	4.189	96	646453	97.378	ug/l	# 76
11) Methyl Iodide	4.430	142	1108093	123.330	ug/l	86
12) Methyl Acetate	4.854	43	643596m	76.291	ug/l	
13) Acrolein	4.046	56	283997	298.285	ug/l	99
14) Acrylonitrile	5.556	53	1339817	371.533	ug/l	98
15) Acetone	4.285	58	373119	367.036	ug/l	69
16) Carbon Disulfide	4.540	76	1682333	95.493	ug/l	99
17) Allyl chloride	4.846	41	820442	76.845	ug/l	90
18) Methylene Chloride	5.101	84	684275	82.155	ug/l	# 81
19) trans-1,2-Dichloroethene	5.602	96	738812	96.158	ug/l	# 74
20) Diisopropyl ether	6.498	45	1707836	68.665	ug/l	# 91
21) 1,1-Dichloroethane	6.391	63	1133277	80.526	ug/l	94
22) cis-1,2-Dichloroethene	7.329	96	858487m	93.204	ug/l	
23) tert-Butyl Alcohol	5.369	59	476702	339.610	ug/l	# 100
24) Methyl tert-Butyl Ether	5.615	73	2157576	84.509	ug/l	# 86
25) Chloroform	7.820	83	1336700	85.065	ug/l	99
26) Cyclohexane	8.099	56	1014969	81.996	ug/l	# 75
29) 1,1-Dichloropropene	8.225	75	961291	94.283	ug/l	90
30) 2-Butanone	7.335	43	1708499	372.049	ug/l	# 86
31) 2,2-Dichloropropane	7.329	77	1096037	93.256	ug/l	# 90
32) 1,1,1-Trichloroethane	8.018	97	1269693	99.636	ug/l	# 92
33) Carbon Tetrachloride	8.209	117	1198551	108.619	ug/l	95
34) Benzene	8.464	78	2822689	92.396	ug/l	# 89
35) Methacrylonitrile	7.638	41	343187	73.229	ug/l	83
36) 1,2-Dichloroethane	8.531	62	937210	85.583	ug/l	# 92
37) Trichloroethene	9.220	130	928182	111.551	ug/l	# 73
38) Methylcyclohexane	9.461	83	1296823	109.904	ug/l	83
39) 1,2-Dichloropropane	9.494	63	662609	87.194	ug/l	99
40) Dibromomethane	9.579	93	537086	94.652	ug/l	69
41) Bromodichloromethane	9.764	83	1036328	94.292	ug/l	# 98
42) Vinyl Acetate	6.436	43	6652495	360.968	ug/l	# 88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	715366	74.742	ug/l #	66
44) Isopropyl Acetate	8.560	43	1242567	75.326	ug/l #	89
45) 1,4-Dioxane	9.569	88	216572	1663.741	ug/l	86
46) Methyl methacrylate	9.561	41	554321	76.669	ug/l	81
47) n-amyl Acetate	12.387	43	889076	66.172	ug/l	92
48) t-1,3-Dichloropropene	10.719	75	1057002	89.295	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	1165768	93.423	ug/l #	82
50) 1,1,2-Trichloroethane	10.899	97	750897	93.765	ug/l	94
51) Ethyl methacrylate	10.762	69	1007272	83.286	ug/l	80
52) 1,3-Dichloropropane	11.046	76	1128649	86.862	ug/l	99
53) Dibromochloromethane	11.240	129	954094	108.554	ug/l	99
54) 1,2-Dibromoethane	11.347	107	804136	96.673	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	583721	254.508	ug/l #	91
56) Bromoform	12.460	173	756600	119.987	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	3508316	363.289	ug/l #	86
59) 2-Hexanone	11.087	43	2382605	349.762	ug/l #	86
61) Tetrachloroethene	10.979	164	935315	118.444	ug/l	87
62) Toluene	10.507	91	3288038	94.408	ug/l	100
64) Chlorobenzene	11.771	112	2145673	100.855	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	881833	108.438	ug/l	99
66) Ethyl Benzene	11.846	91	3626937	94.458	ug/l	91
67) m/p-Xylenes	11.956	106	2983379	199.935	ug/l	76
68) o-Xylene	12.283	106	1461538	99.478	ug/l	75
69) Styrene	12.296	104	2344240	98.275	ug/l #	89
70) Isopropylbenzene	12.581	105	3739793	98.727	ug/l	93
71) 1,1,2,2-Tetrachloroethane	12.830	83	924294	87.470	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	663877m	74.815	ug/l	
73) Bromobenzene	12.862	156	1050328	115.865	ug/l	48
74) n-propylbenzene	12.921	91	4044113	94.947	ug/l	87
75) 2-Chlorotoluene	13.010	91	2354377	92.092	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	3068947	97.728	ug/l	90
77) t-1,4-Dichloro-2-butene	12.626	75	263429	87.892	ug/l	85
78) 4-Chlorotoluene	13.106	91	2307142	91.702	ug/l	81
79) tert-butylbenzene	13.326	119	2843068	105.441	ug/l	80
80) 1,2,4-Trimethylbenzene	13.369	105	3004934m	97.543	ug/l	
81) sec-Butylbenzene	13.503	105	3821022	103.223	ug/l	89
82) p-Isopropyltoluene	13.616	119	3354434	107.467	ug/l	88
83) 1,3-Dichlorobenzene	13.616	146	1845268	110.054	ug/l	91
84) 1,4-Dichlorobenzene	13.696	146	1781916	110.321	ug/l	91
85) n-Butylbenzene	13.943	91	2517075	100.689	ug/l	94
86) Hexachloroethane	14.211	117	574247	107.136	ug/l #	58
87) 1,2-Dichlorobenzene	13.989	146	1743131	110.020	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.605	75	169599	89.885	ug/l #	15
89) 1,2,4-Trichlorobenzene	15.265	180	1003076m	133.108	ug/l	
90) Hexachlorobutadiene	15.370	225	565768	150.475	ug/l	97
91) Naphthalene	15.507	128	2129597	109.313	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	929866	130.127	ug/l	94

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

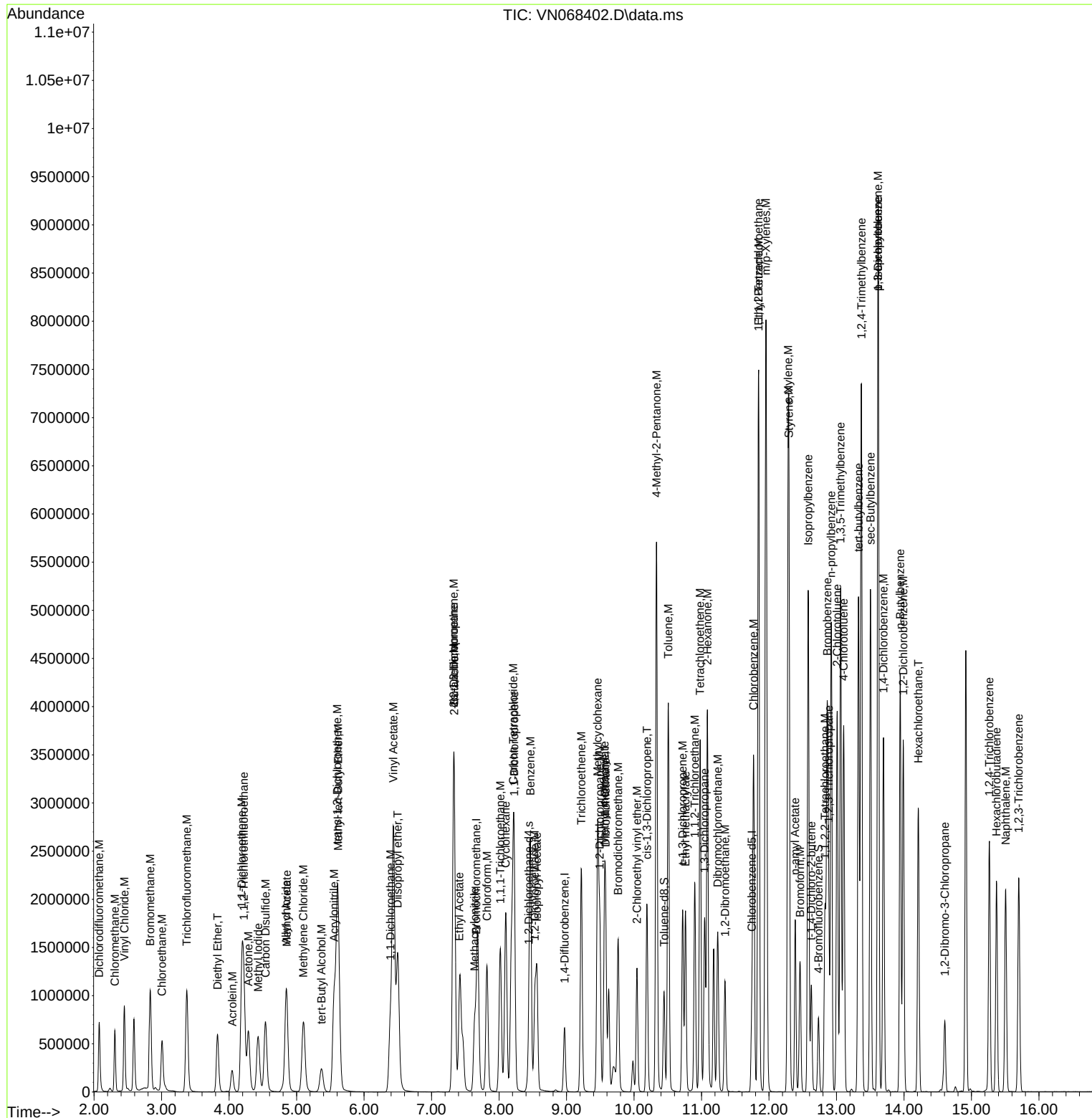
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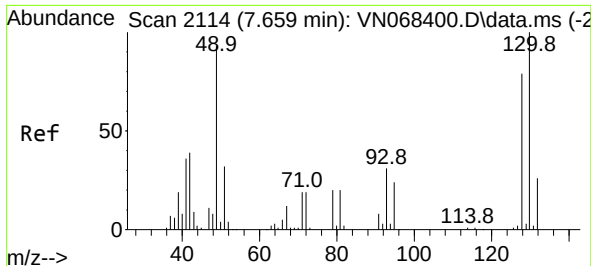
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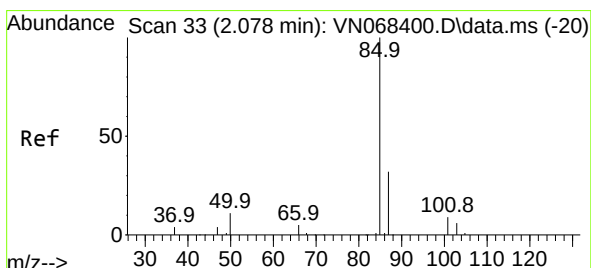
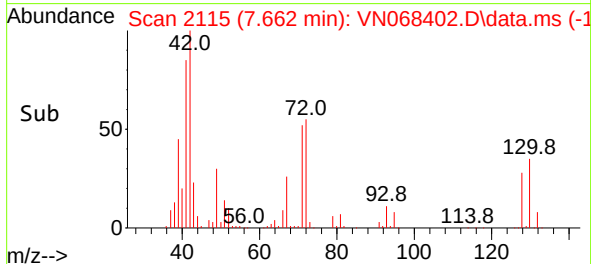
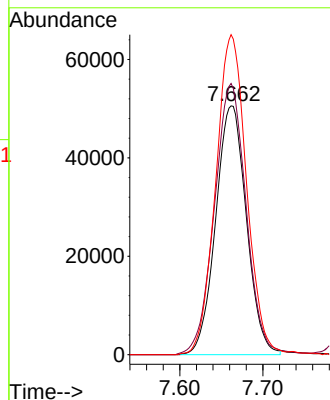
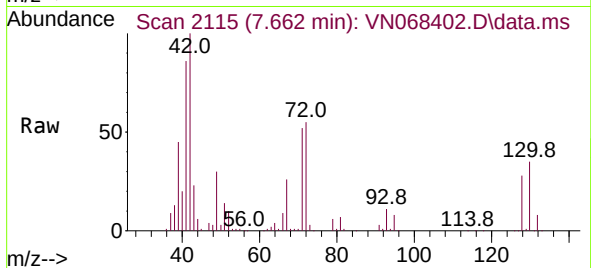
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:128 Resp: 129934
Ion Ratio Lower Upper
128 100
49 112.9 0.0 517.5
130 128.7 0.0 325.8

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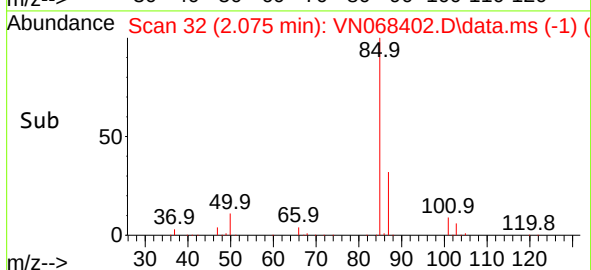
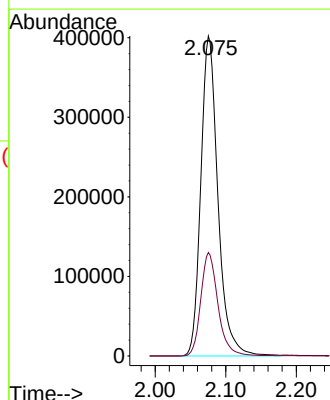
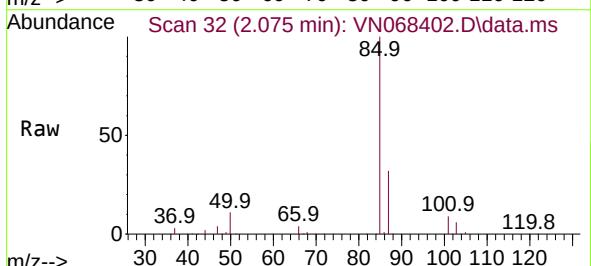
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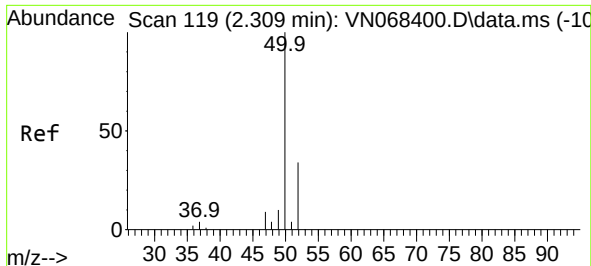
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#2
Dichlorodifluoromethane
Concen: 98.633 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 85 Resp: 676490
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





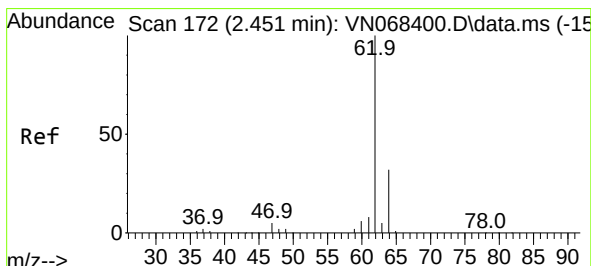
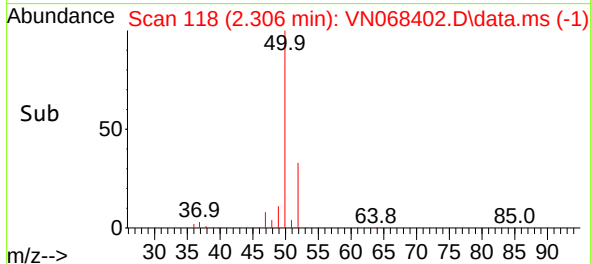
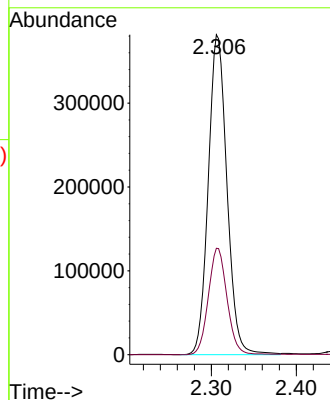
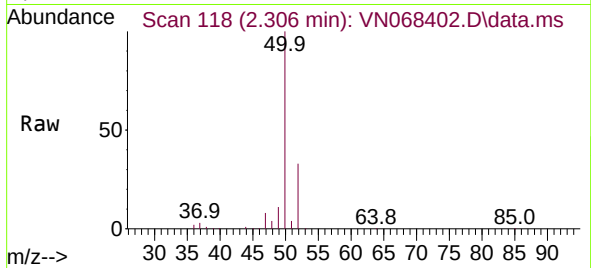
#3
Chloromethane
Concen: 73.115 ug/l
RT: 2.306 min Scan# 118
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 50 Resp: 582445
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0

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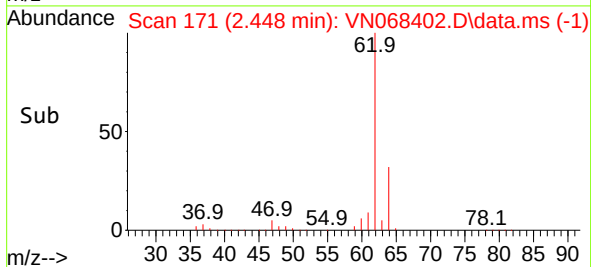
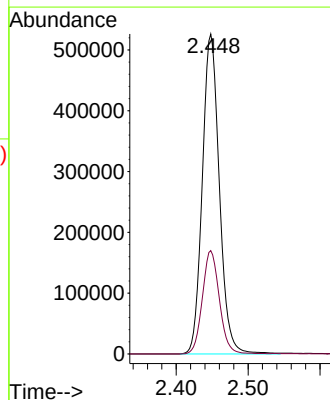
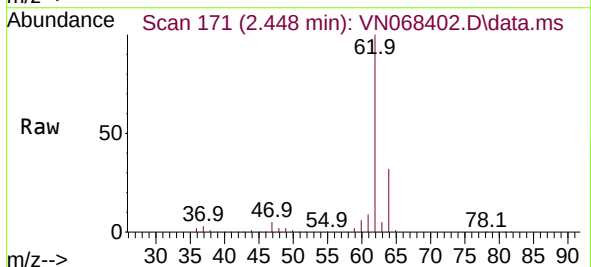
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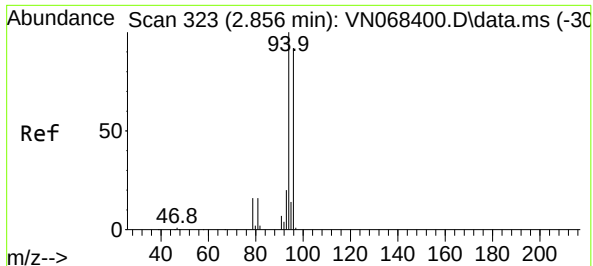
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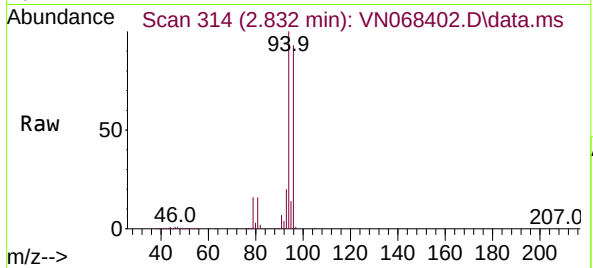
#4
Vinyl Chloride
Concen: 71.246 ug/l
RT: 2.448 min Scan# 171
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 62 Resp: 869909
Ion Ratio Lower Upper
62 100
64 32.3 23.7 35.5

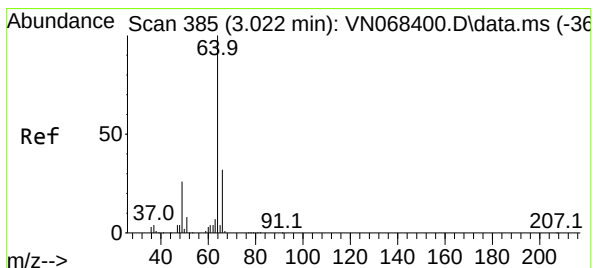
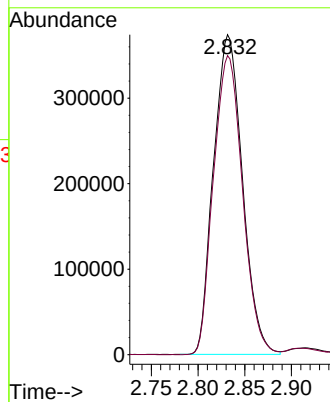
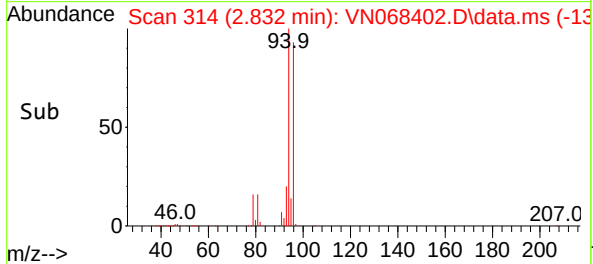




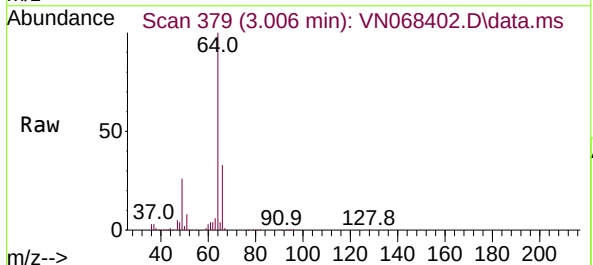
#5
Bromomethane
Concen: 77.643 ug/l
RT: 2.832 min Scan# 314
Delta R.T. -0.024 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



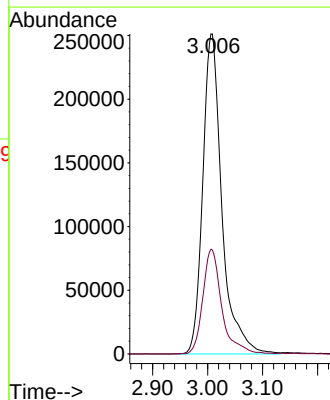
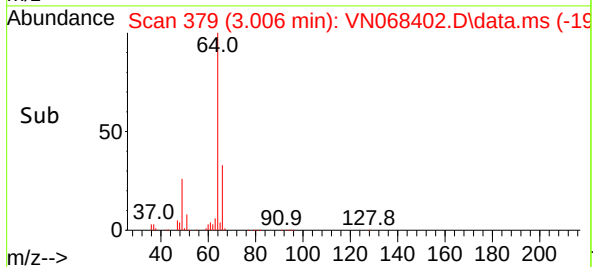
Tgt Ion: 94 Resp: 805996
Ion Ratio Lower Upper
94 100
96 93.5 69.4 104.2



#6
Chloroethane
Concen: 68.510 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.016 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



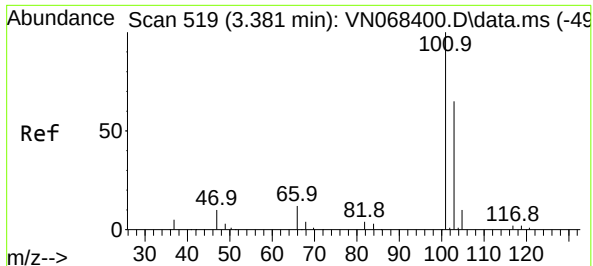
Tgt Ion: 64 Resp: 606607
Ion Ratio Lower Upper
64 100
66 32.6 21.5 32.3#



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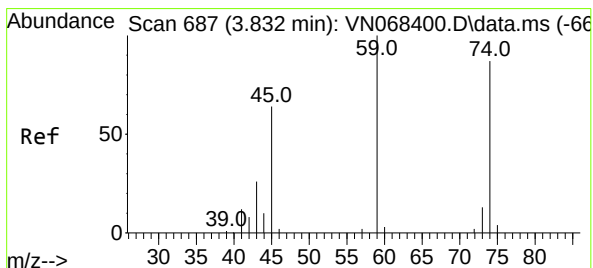
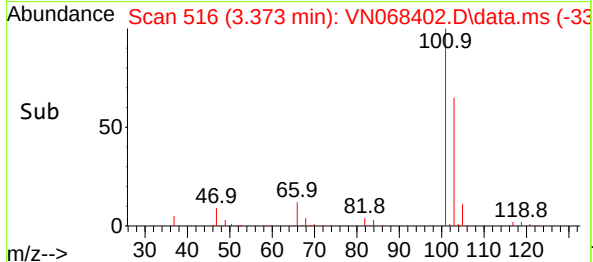
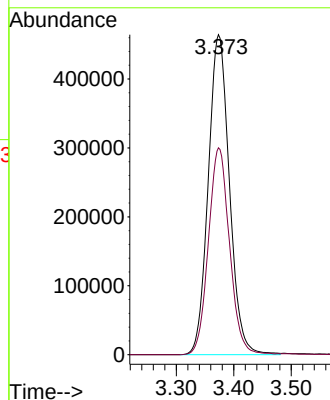
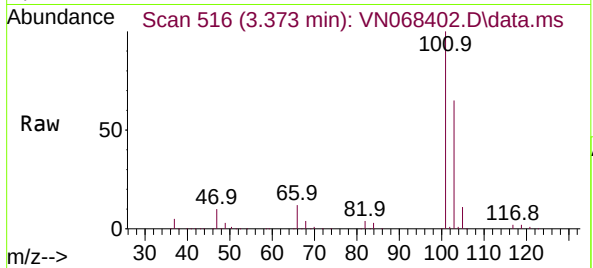
#7
Trichlorofluoromethane
Concen: 54.778 ug/l
RT: 3.373 min Scan# 516
Delta R.T. -0.008 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:101 Resp: 1188573
Ion Ratio Lower Upper
101 100
103 64.6 53.7 80.5

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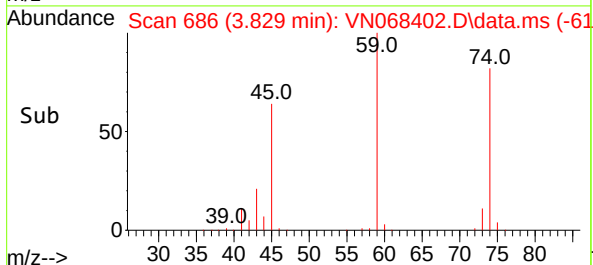
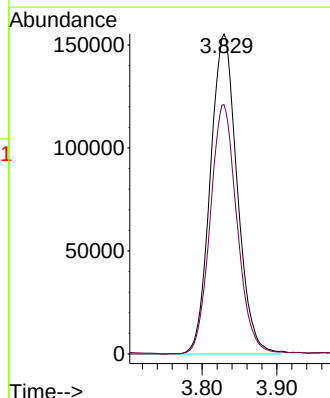
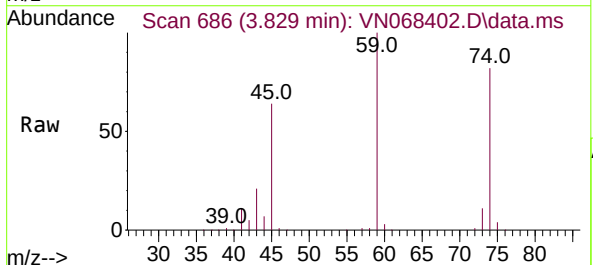
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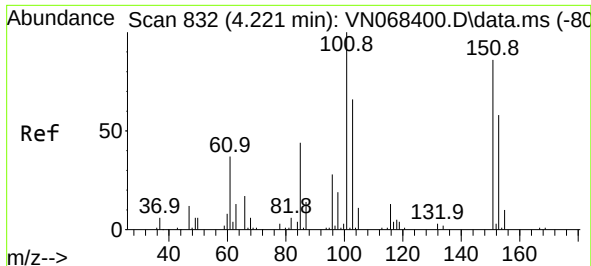
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#8
Diethyl Ether
Concen: 88.004 ug/l
RT: 3.829 min Scan# 686
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 74 Resp: 386847
Ion Ratio Lower Upper
74 100
45 77.2 20.3 182.5





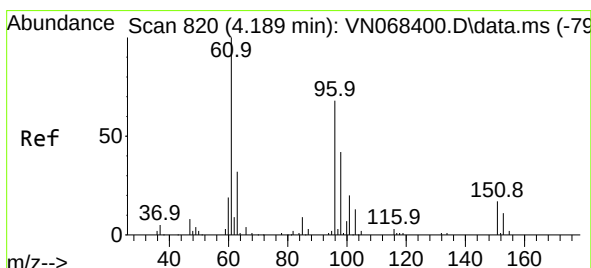
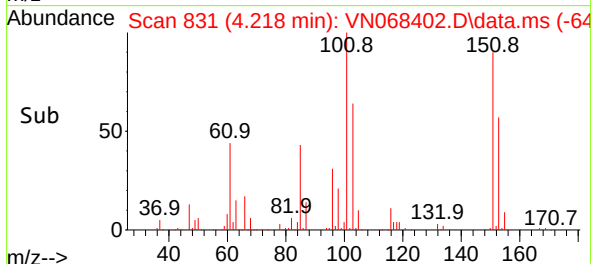
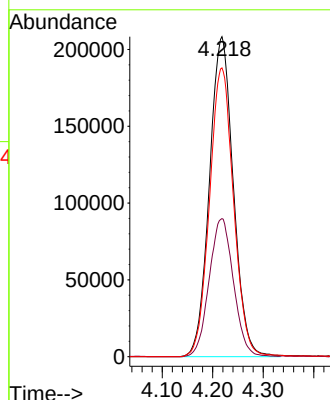
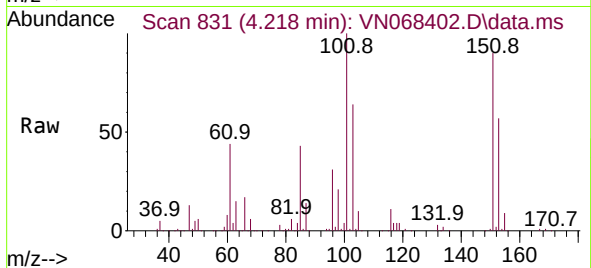
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.579 ug/l
RT: 4.218 min Scan# 831
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:101 Resp: 685242
Ion Ratio Lower Upper
101 100
85 43.9 0.0 97.8
151 90.9 0.0 135.0

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ClientSampleId :
VSTDIC100

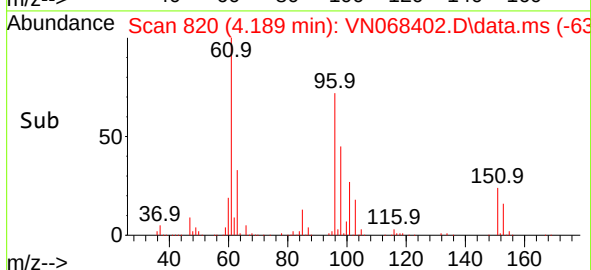
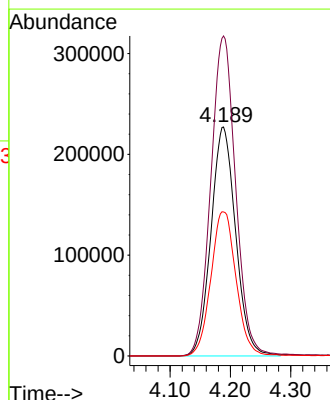
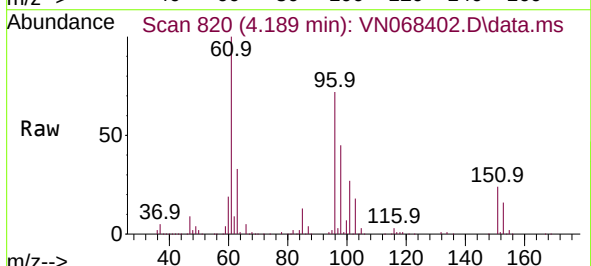
Manual Integrations
APPROVED

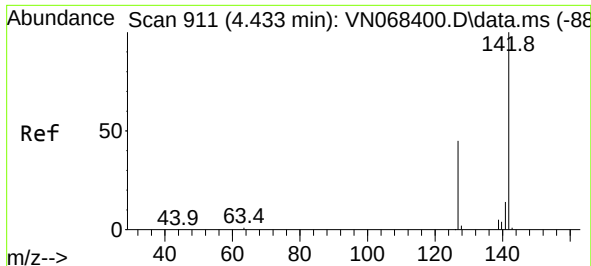
MMDadoda
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#10
1,1-Dichloroethene
Concen: 97.378 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

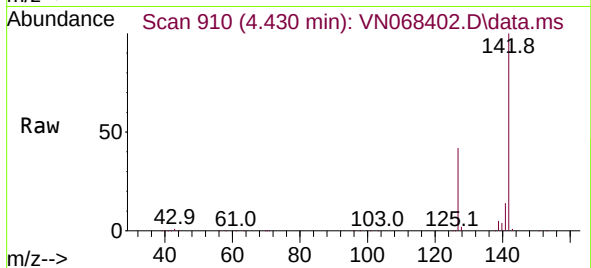
Tgt Ion: 96 Resp: 646453
Ion Ratio Lower Upper
96 100
61 139.7 148.3 222.5#
98 62.9 48.6 73.0





#11
Methyl Iodide
Concen: 123.330 ug/l
RT: 4.430 min Scan# 910
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

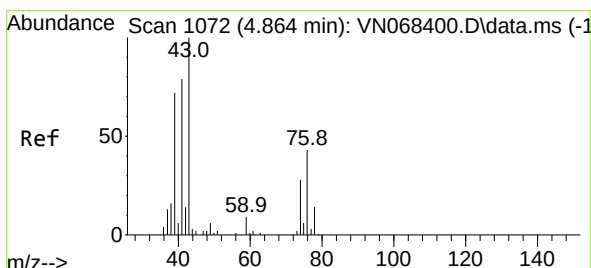
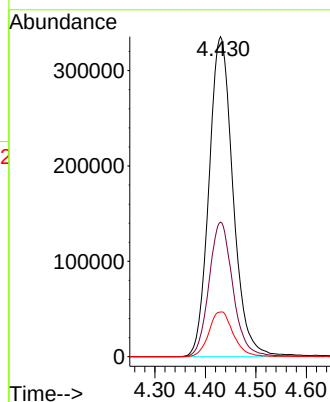
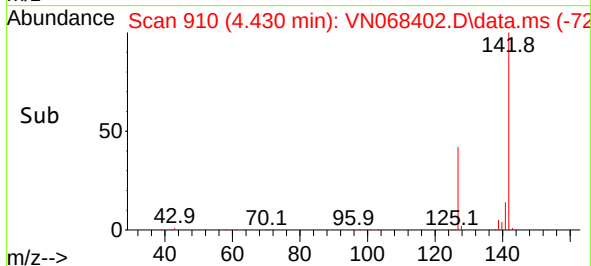
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



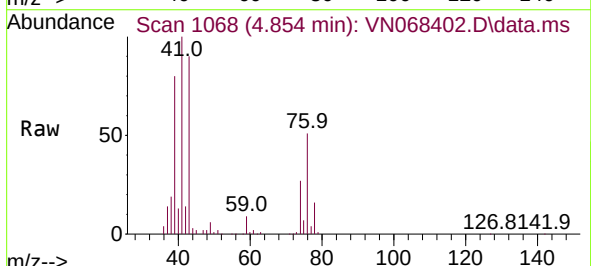
Tgt Ion:142 Resp: 1108093
Ion Ratio Lower Upper
142 100
127 42.1 27.2 81.5
141 13.9 6.9 20.7

Manual Integrations
APPROVED

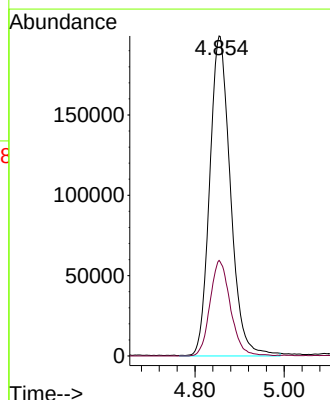
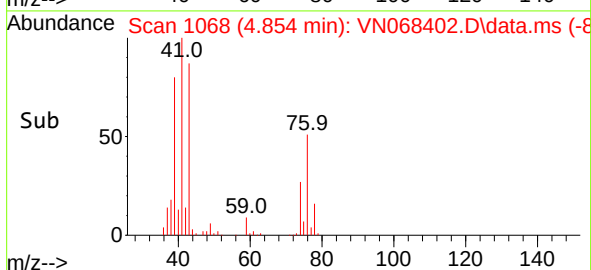
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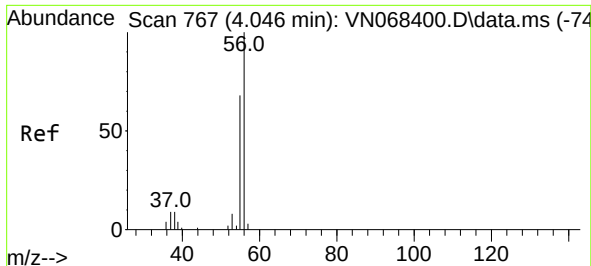


#12
Methyl Acetate
Concen: 76.291 ug/l m
RT: 4.854 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



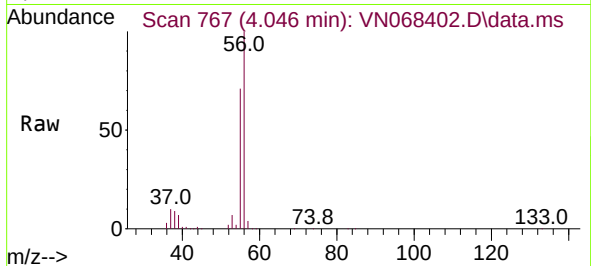
Tgt Ion: 43 Resp: 643596
Ion Ratio Lower Upper
43 100
74 29.8 16.6 25.0#





#13
Acrolein
Concen: 298.285 ug/l
RT: 4.046 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

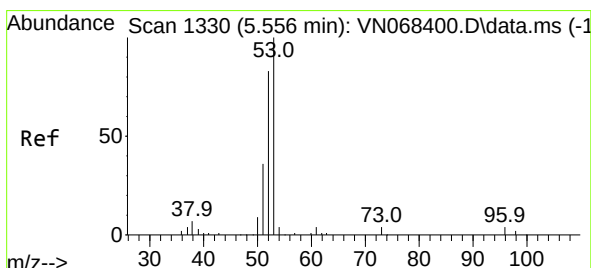
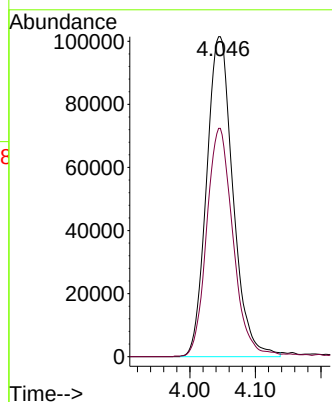
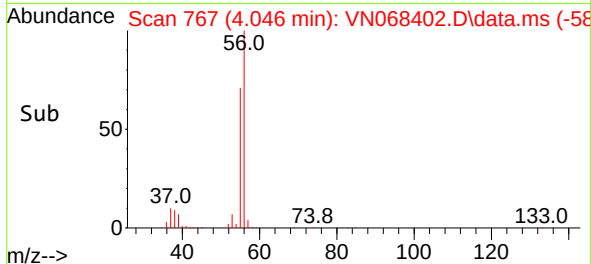
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



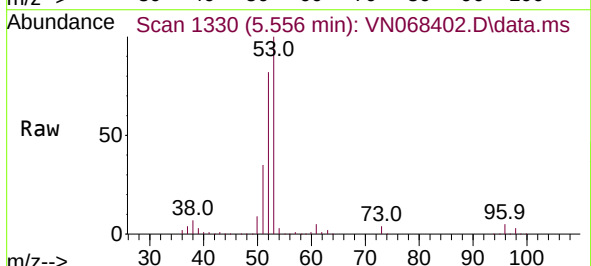
Tgt Ion: 56 Resp: 283997
Ion Ratio Lower Upper
56 100
55 70.7 57.5 86.3

Manual Integrations
APPROVED

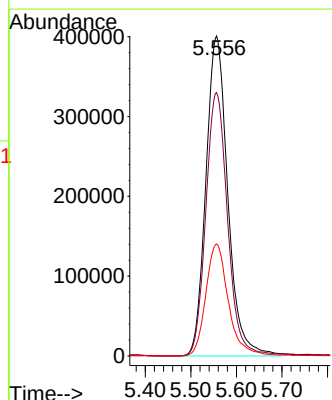
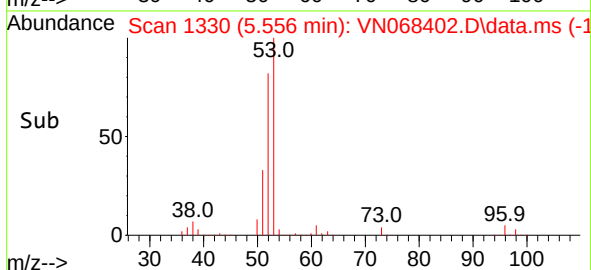
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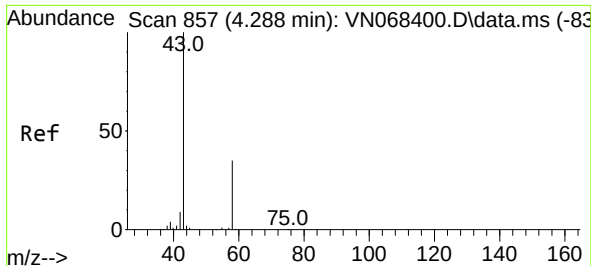


#14
Acrylonitrile
Concen: 371.533 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



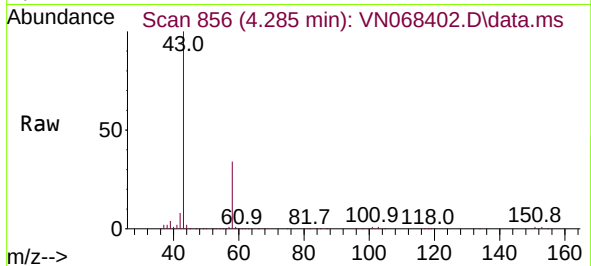
Tgt Ion: 53 Resp: 1339817
Ion Ratio Lower Upper
53 100
52 81.3 41.8 125.4
51 36.1 18.1 54.3





#15
Acetone
Concen: 367.036 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

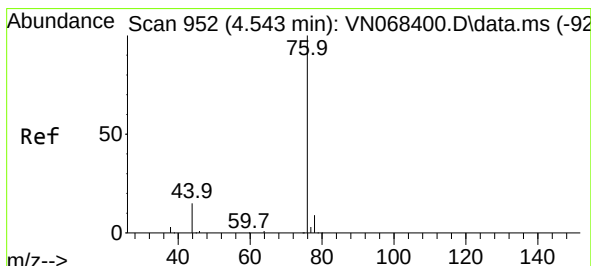
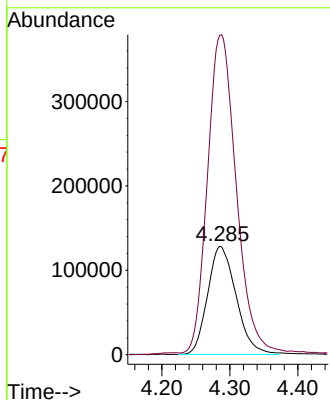
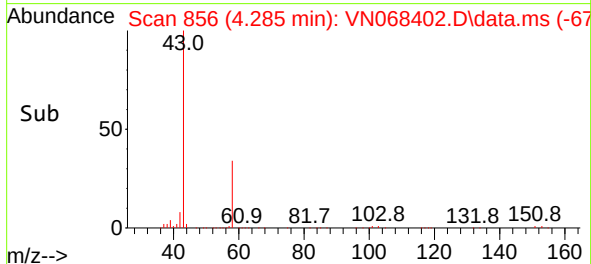
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



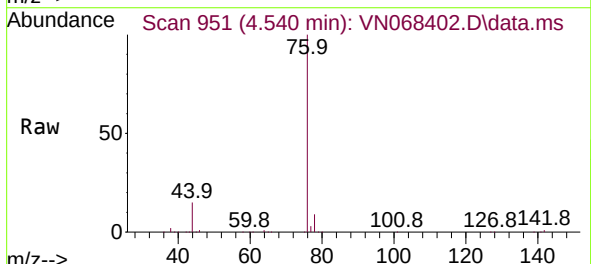
Tgt Ion: 58 Resp: 373119
Ion Ratio Lower Upper
58 100
43 293.8 289.6 434.4

Manual Integrations
APPROVED

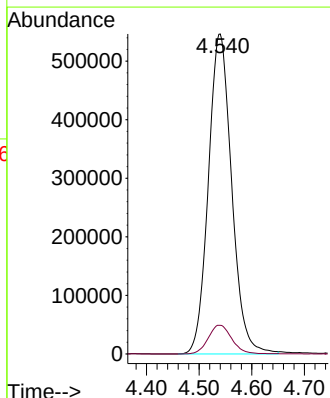
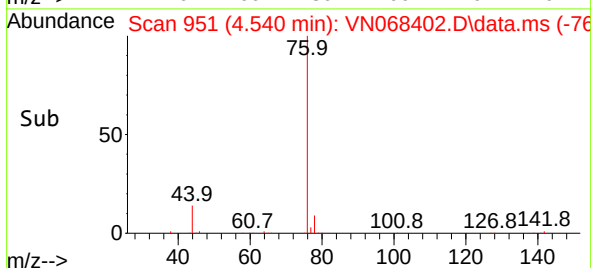
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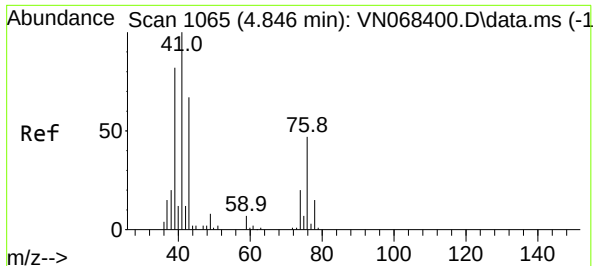


#16
Carbon Disulfide
Concen: 95.493 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 76 Resp: 1682333
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4





#17

Allyl chloride

Concen: 76.845 ug/l

RT: 4.846 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN068402.D

Acq: 3 Sep 2021 12:11

Tgt Ion:	41	Resp:	820442
Ion	Ratio	Lower	Upper
41	100		
39	81.8	39.8	119.4
76	49.4	16.8	50.4

Instrument :

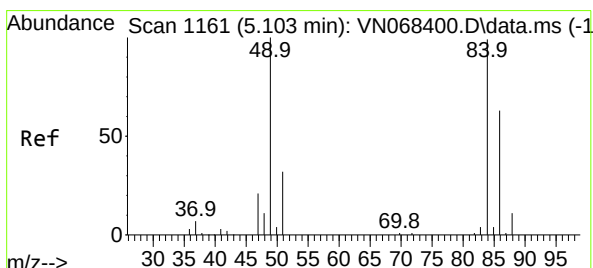
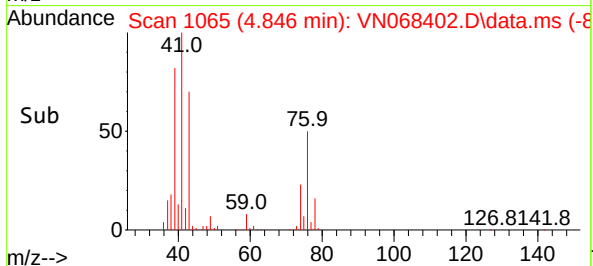
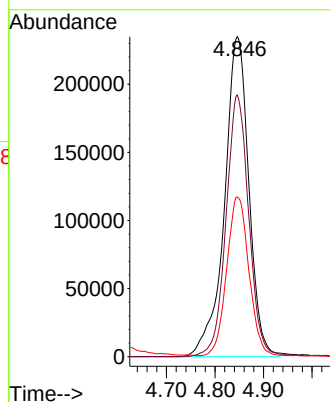
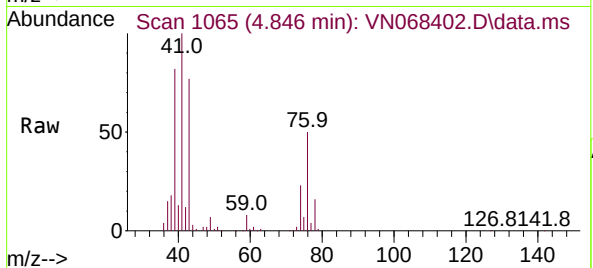
MSVOA_N

ClientSampled :

VSTDIC100

Manual Integrations
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#18

Methylene Chloride

Concen: 82.155 ug/l

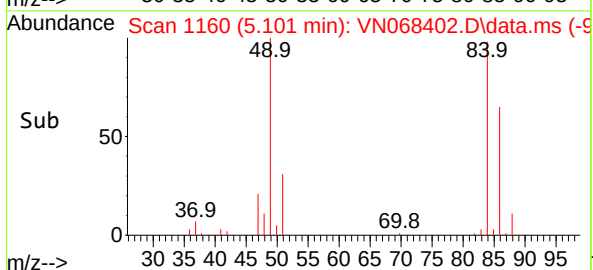
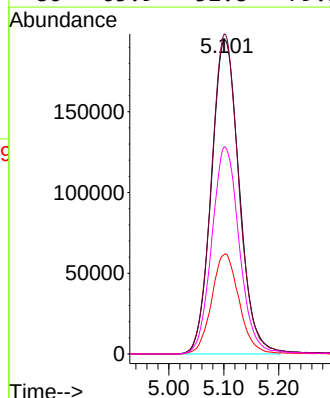
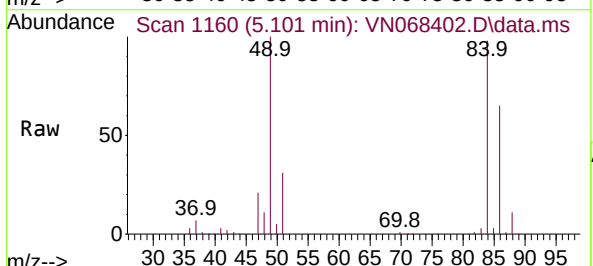
RT: 5.101 min Scan# 1160

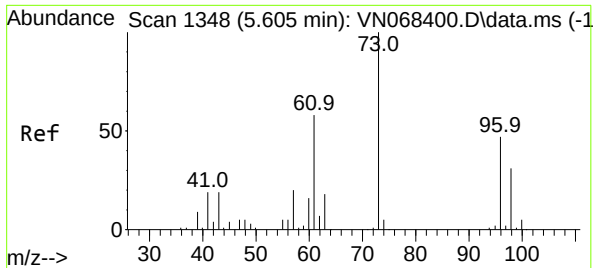
Delta R.T. -0.003 min

Lab File: VN068402.D

Acq: 3 Sep 2021 12:11

Tgt Ion:	84	Resp:	684275
Ion	Ratio	Lower	Upper
84	100		
49	101.7	110.9	166.3#
51	31.6	31.2	46.8
86	65.9	52.8	79.2





#19

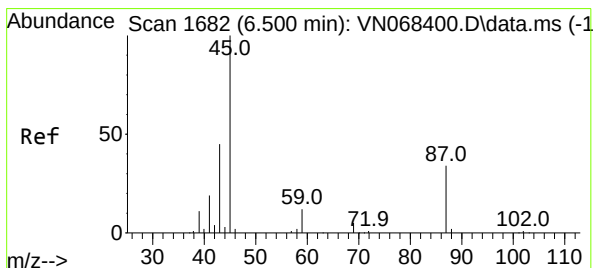
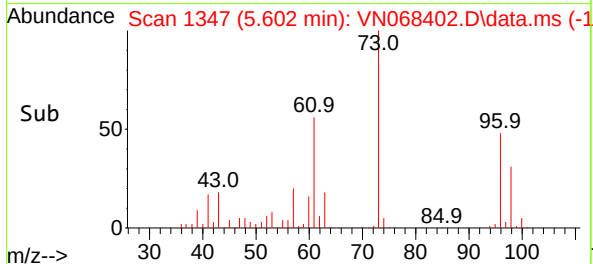
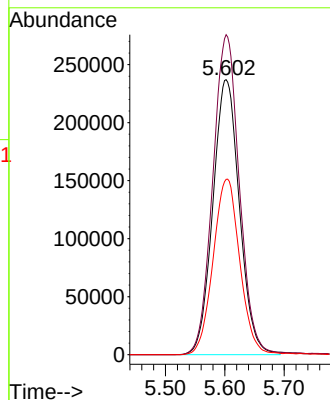
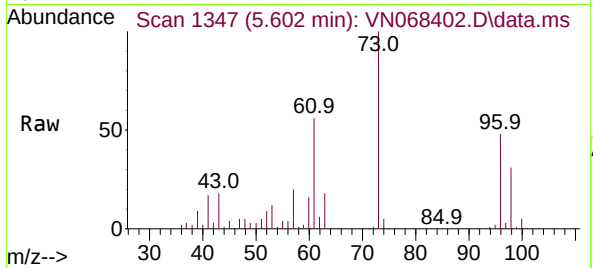
trans-1,2-Dichloroethene
Concen: 96.158 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 96 Resp: 738812
Ion Ratio Lower Upper
96 100
61 116.3 129.3 193.9#
98 63.8 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

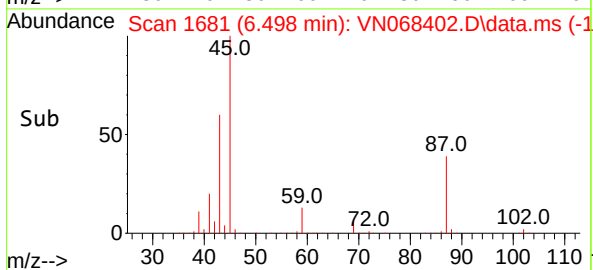
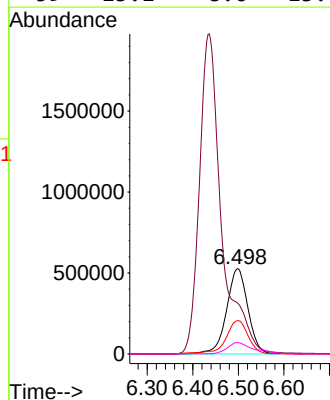
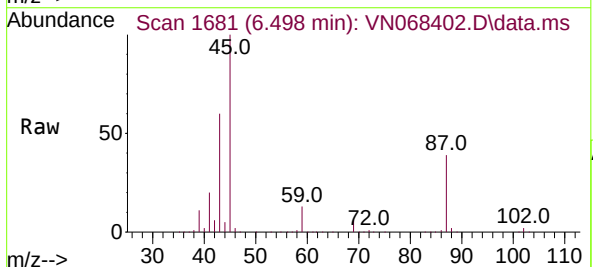
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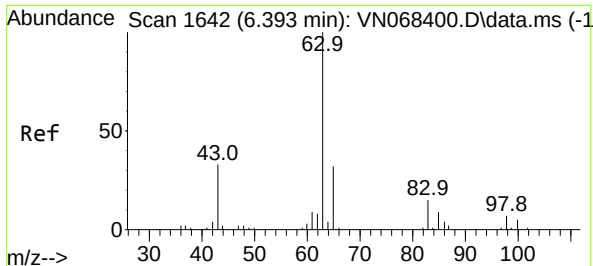


#20

Diisopropyl ether
Concen: 68.665 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 45 Resp: 1707836
Ion Ratio Lower Upper
45 100
43 59.0 48.1 72.1
87 38.8 19.8 29.6#
59 13.1 8.6 13.0#





#21
1,1-Dichloroethane
Concen: 80.526 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

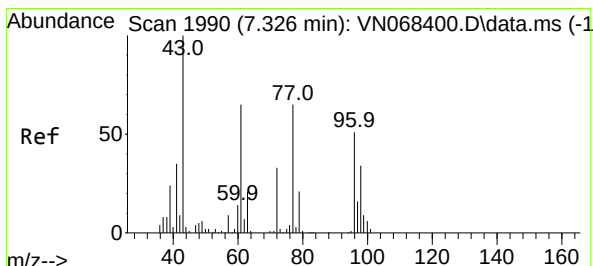
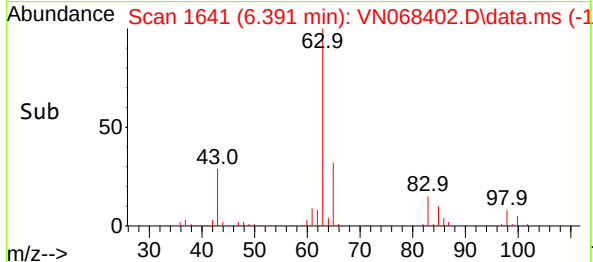
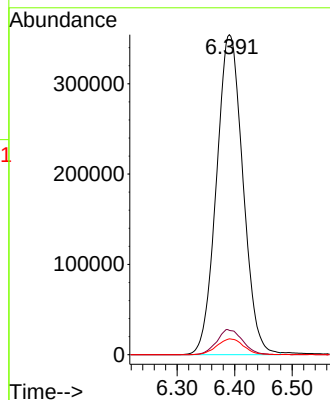
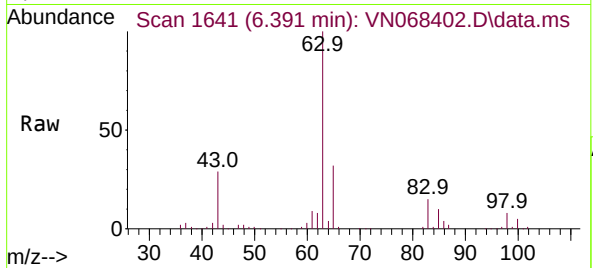
Tgt Ion: 63 Resp: 1133277

Ion	Ratio	Lower	Upper
63	100		
98	7.6	2.7	8.1
100	4.9	1.8	5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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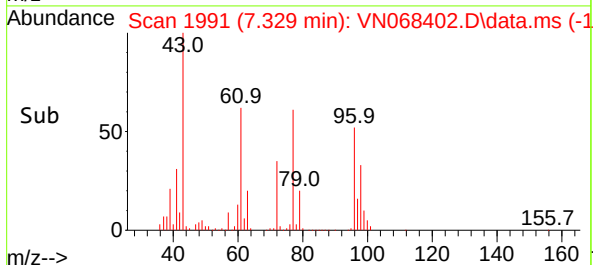
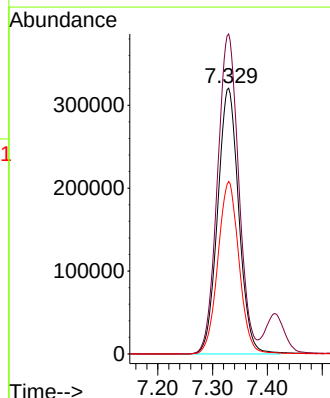
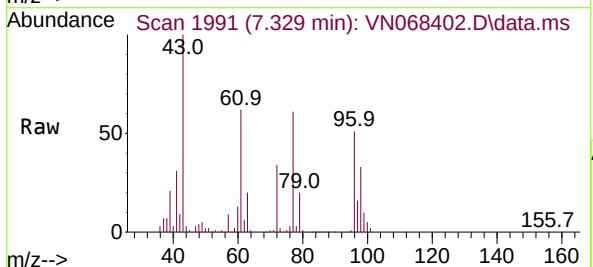
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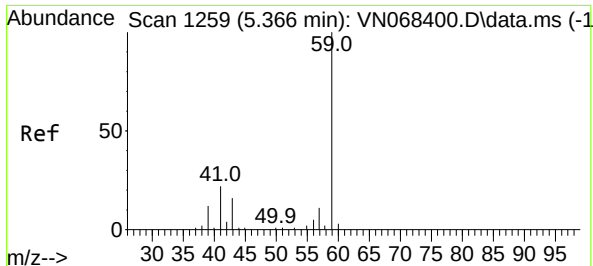


#22
cis-1,2-Dichloroethene
Concen: 93.204 ug/l m
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 96 Resp: 858487

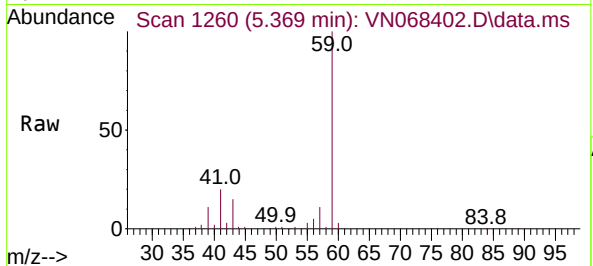
Ion	Ratio	Lower	Upper
96	100		
61	0.0	131.2	196.8#
98	0.0	50.7	76.1#





#23
tert-Butyl Alcohol
Concen: 339.610 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

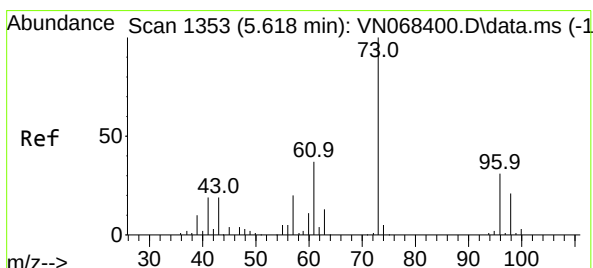
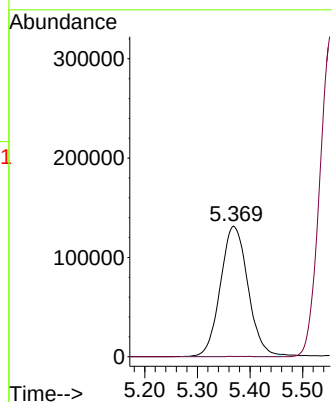
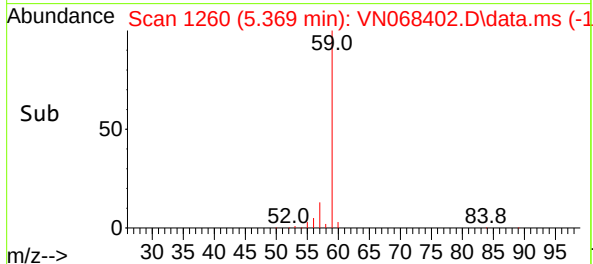
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



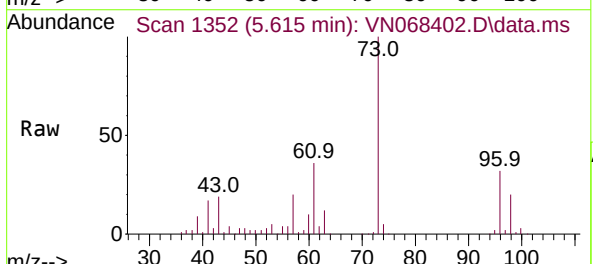
Tgt Ion: 59 Resp: 476702
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#

Manual Integrations
APPROVED

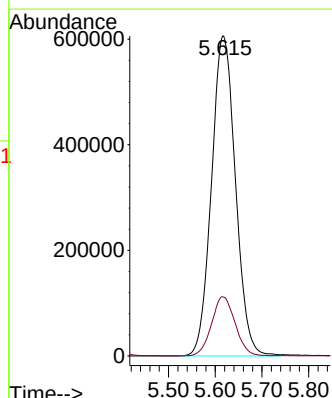
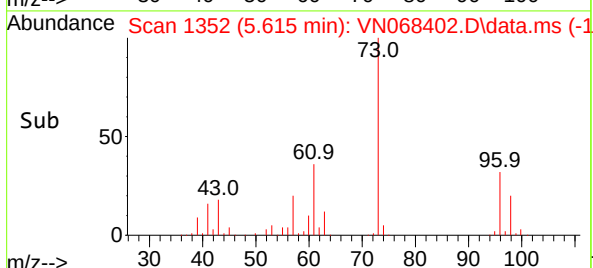
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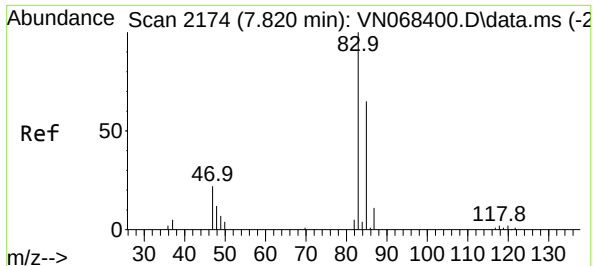


#24
Methyl tert-Butyl Ether
Concen: 84.509 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 73 Resp: 2157576
Ion Ratio Lower Upper
73 100
43 18.0 20.0 30.0#





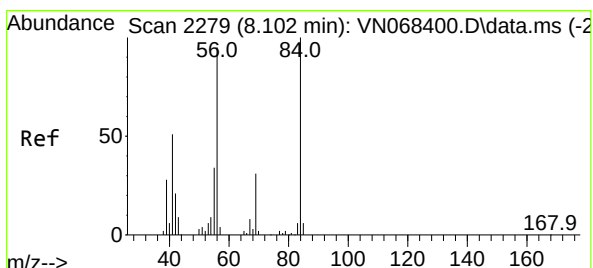
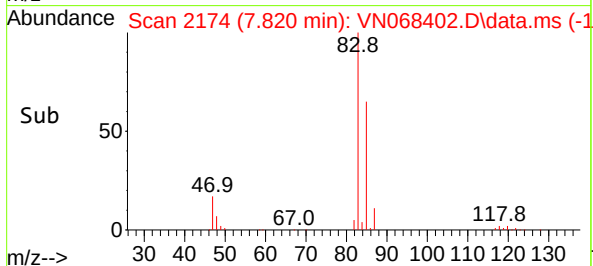
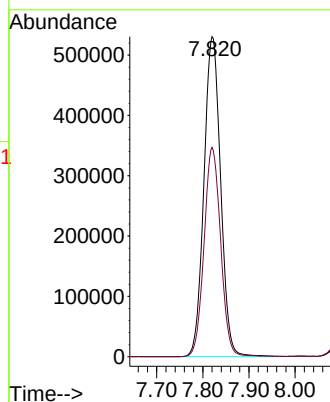
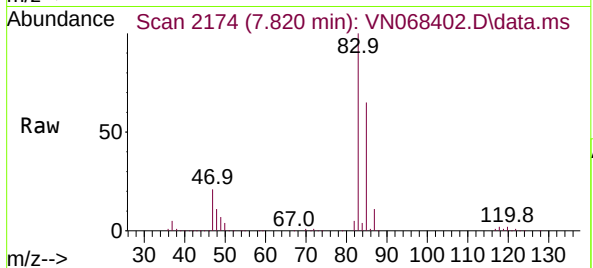
#25
Chloroform
Concen: 85.065 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 1336700
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3

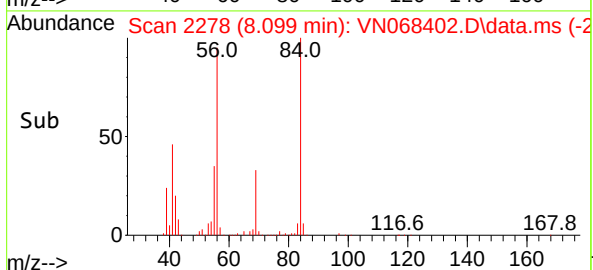
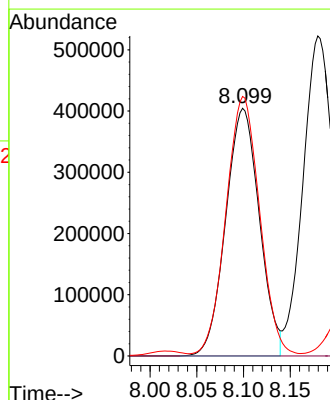
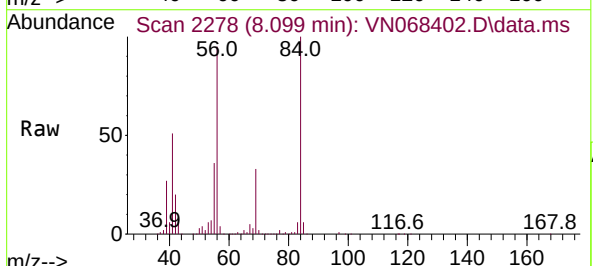
Manual Integrations
APPROVED

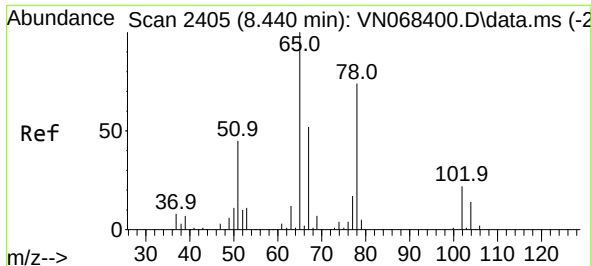
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#26
Cyclohexane
Concen: 81.996 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 56 Resp: 1014969
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 105.2 66.2 99.2#





#27

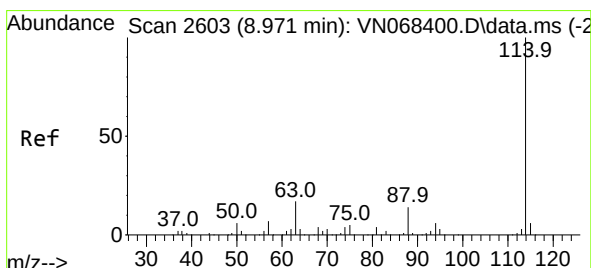
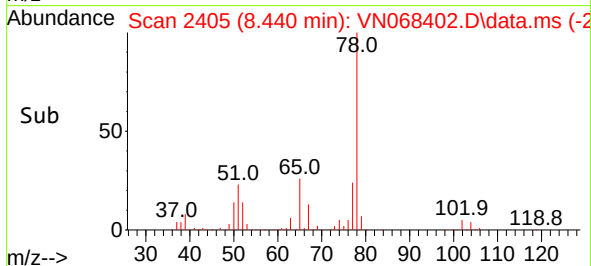
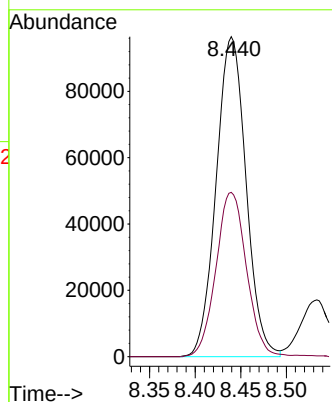
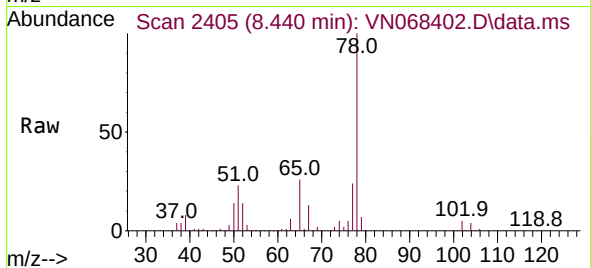
1,2-Dichloroethane-d4
Concen: 22.700 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 65 Resp: 220050
Ion Ratio Lower Upper
65 100
67 52.4 39.8 59.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
APPROVED

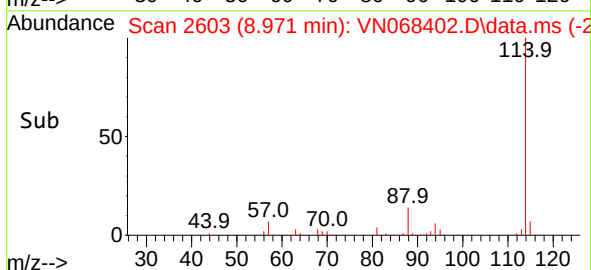
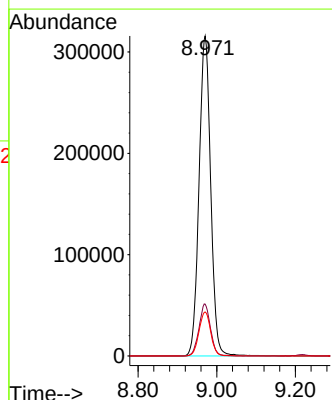
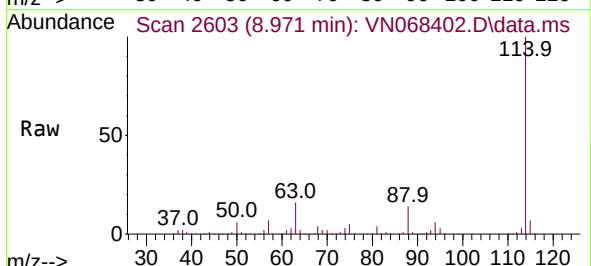
MMDadoda
9/7/2021 4:38:58 PM

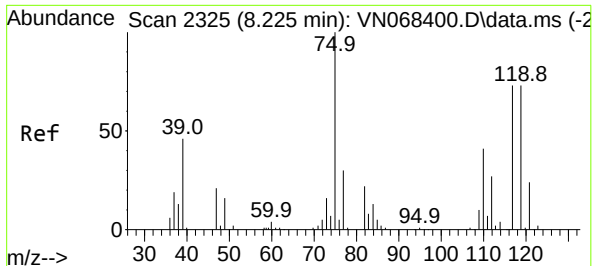


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l m
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 114 Resp: 648856
Ion Ratio Lower Upper
114 100
63 0.0 20.3 30.5#
88 0.0 14.6 22.0#





#29

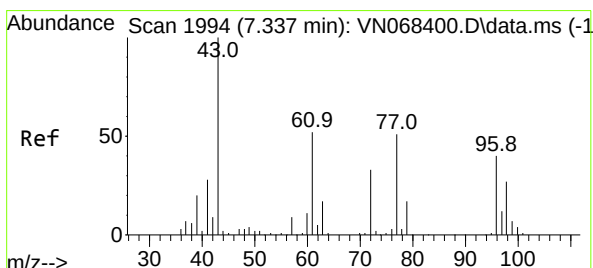
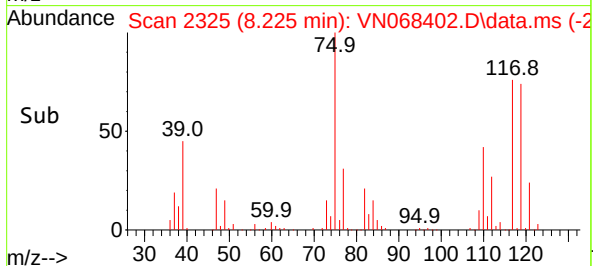
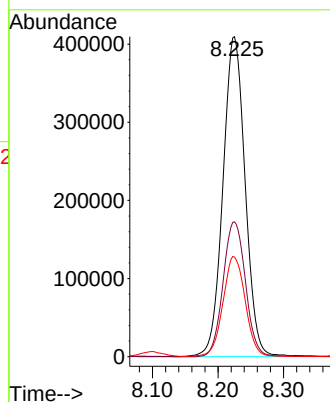
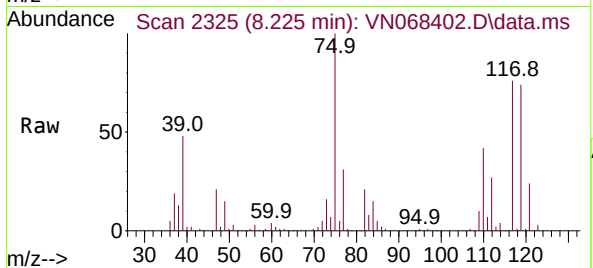
1,1-Dichloropropene
Concen: 94.283 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 961291
Ion Ratio Lower Upper
75 100
110 42.6 0.0 63.4
77 31.5 0.0 63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

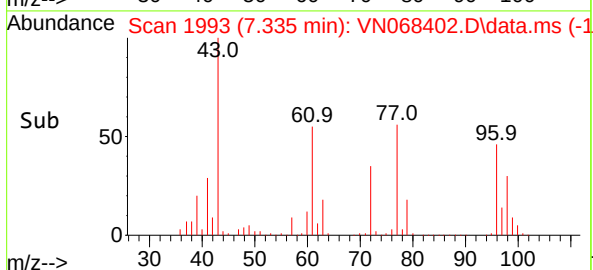
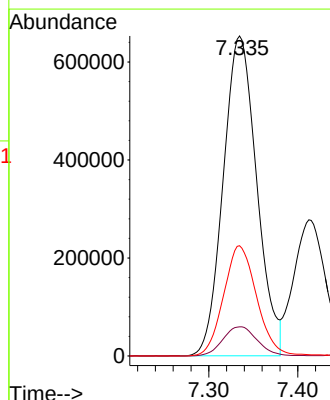
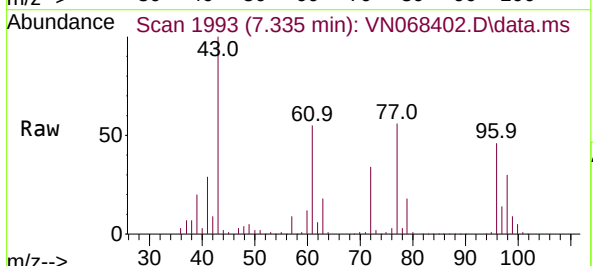
MMDadoda
9/7/2021 4:38:58 PM

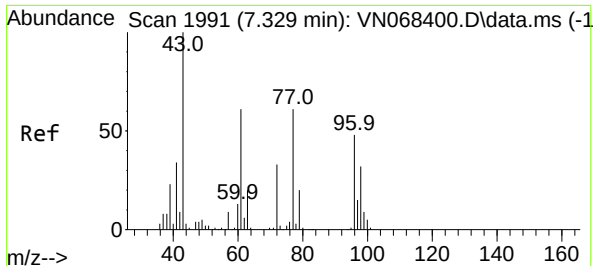


#30

2-Butanone
Concen: 372.049 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 1708499
Ion Ratio Lower Upper
43 100
57 9.4 6.9 10.3
72 34.0 20.0 30.0#





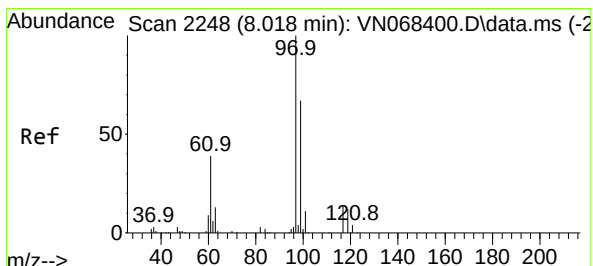
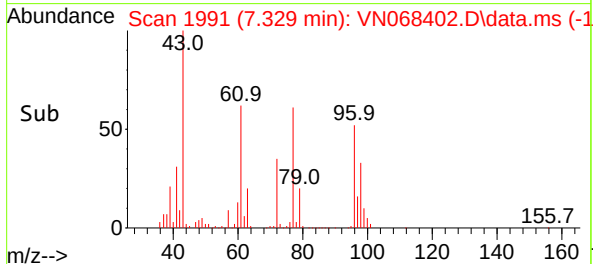
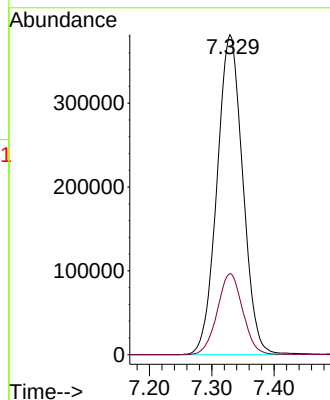
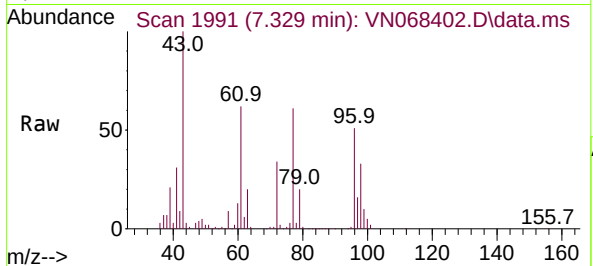
#31
2,2-Dichloropropane
Concen: 93.256 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 77 Resp: 1096037
Ion Ratio Lower Upper
77 100
97 25.1 16.3 24.5#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

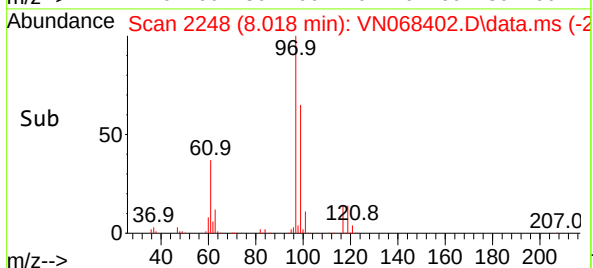
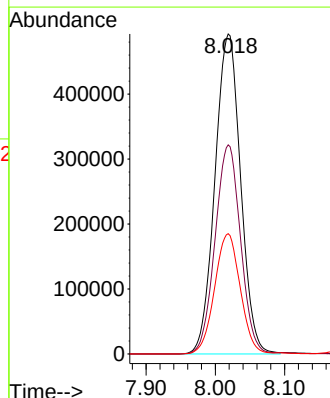
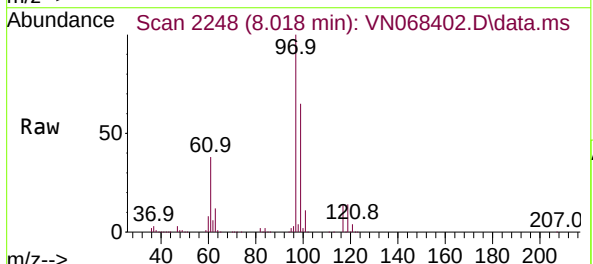
Manual Integrations
APPROVED

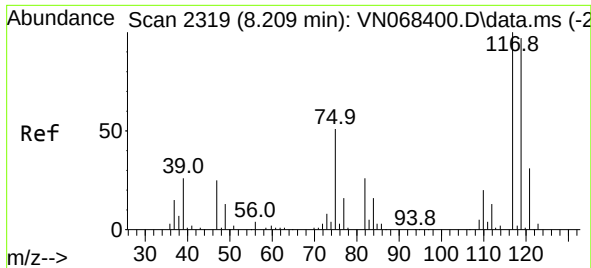
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#32
1,1,1-Trichloroethane
Concen: 99.636 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

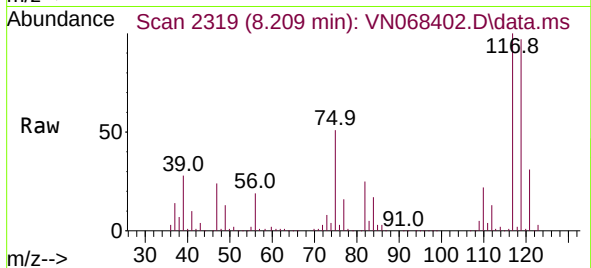
Tgt Ion: 97 Resp: 1269693
Ion Ratio Lower Upper
97 100
99 64.9 49.7 74.5
61 37.5 38.0 57.0#





#33
Carbon Tetrachloride
Concen: 108.619 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

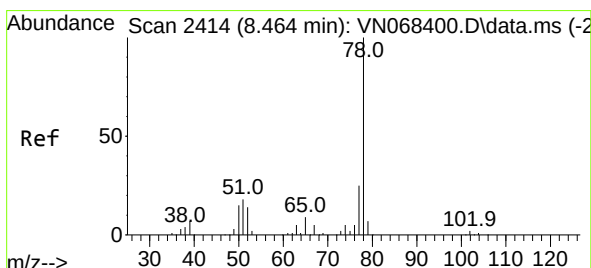
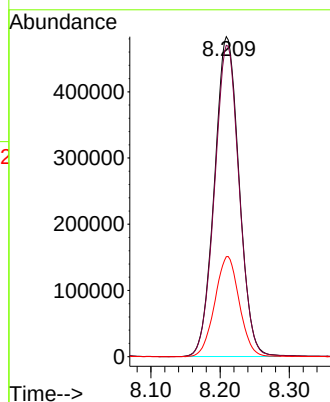
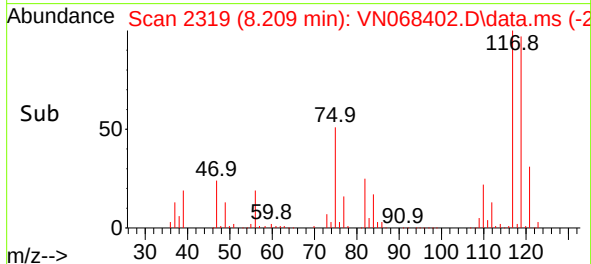
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



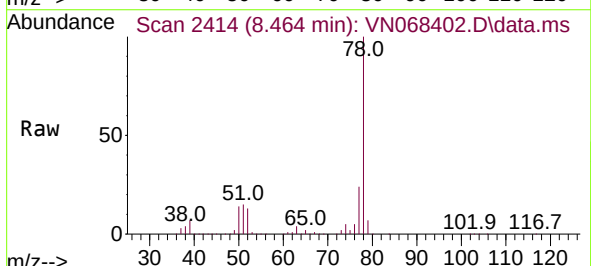
Tgt Ion:117 Resp: 1198551
Ion Ratio Lower Upper
117 100
119 97.3 73.3 109.9
121 31.2 24.2 36.4

Manual Integrations
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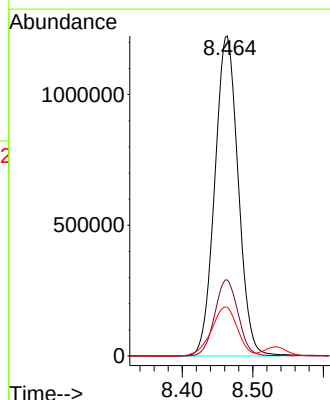
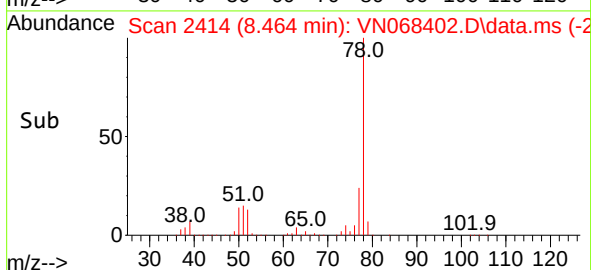
MMDadoda
9/7/2021 4:38:58 PM

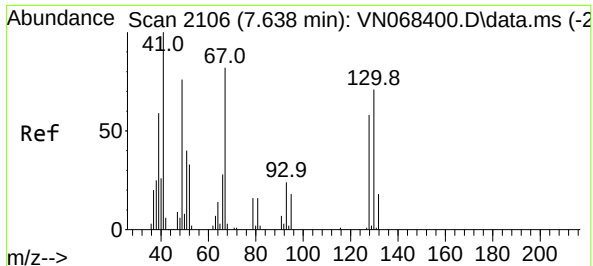


#34
Benzene
Concen: 92.396 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

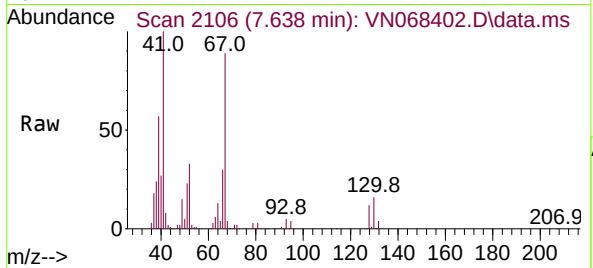


Tgt Ion: 78 Resp: 2822689
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
51 15.1 20.0 30.0#

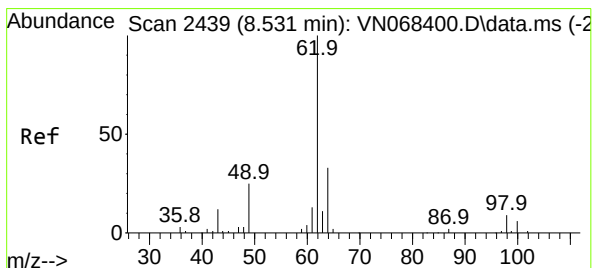
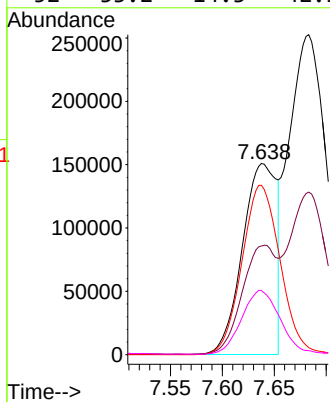
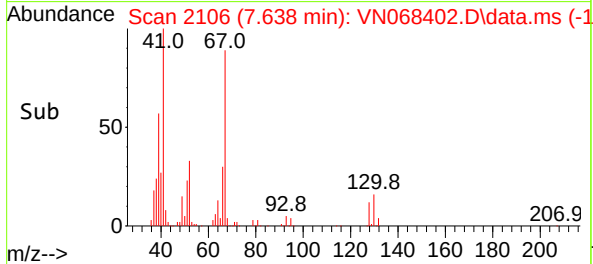




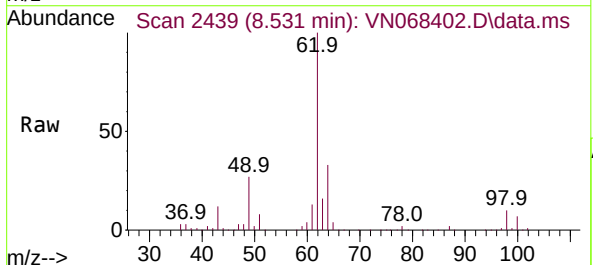
#35
Methacrylonitrile
Concen: 73.229 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



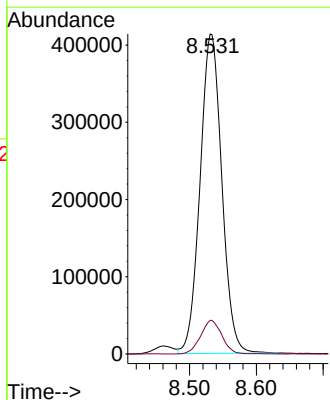
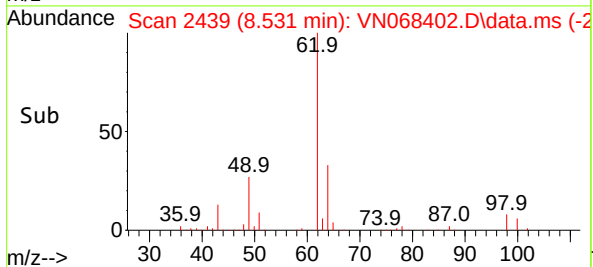
Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.6	30.3	90.9
67	88.7	32.1	96.3
52	33.2	14.3	42.9



#36
1,2-Dichloroethane
Concen: 85.583 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



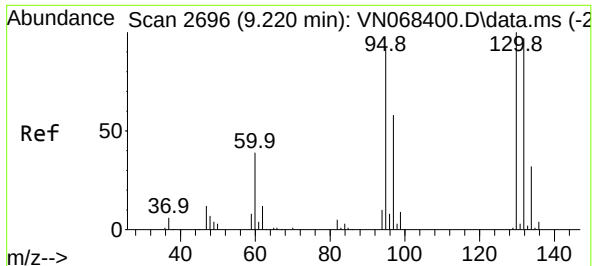
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	6.0	9.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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#37

Trichloroethene

Concen: 111.551 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.000 min

Lab File: VN068402.D

Acq: 3 Sep 2021 12:11

Tgt Ion:130 Resp: 928182

Ion Ratio Lower Upper

130 100

95 85.6 92.2 138.2#

Instrument :

MSVOA_N

ClientSampleId :

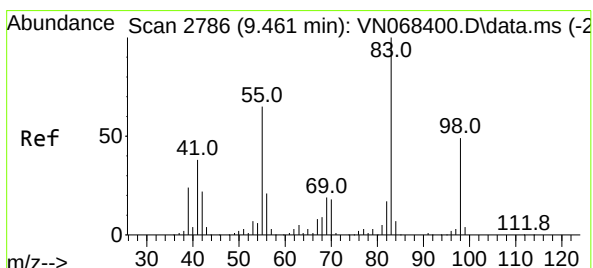
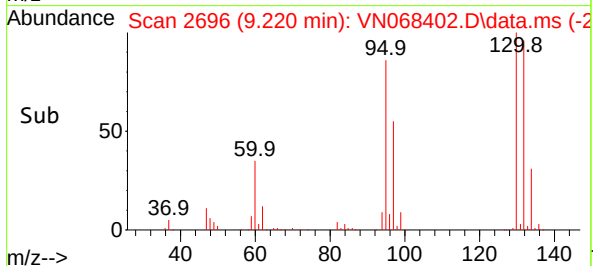
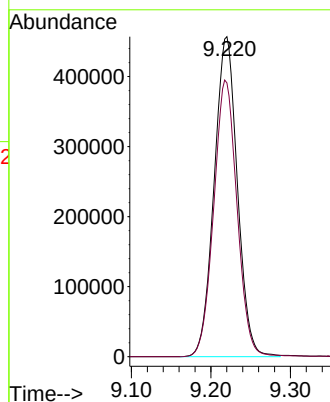
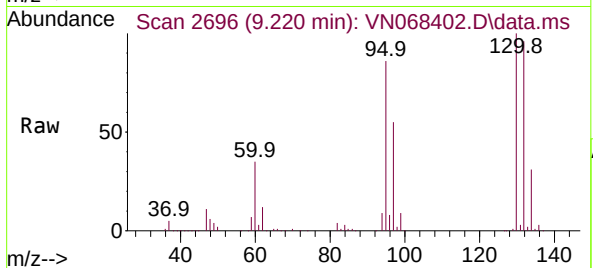
VSTDIC100

Manual Integrations

APPROVED

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#38

Methylcyclohexane

Concen: 109.904 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068402.D

Acq: 3 Sep 2021 12:11

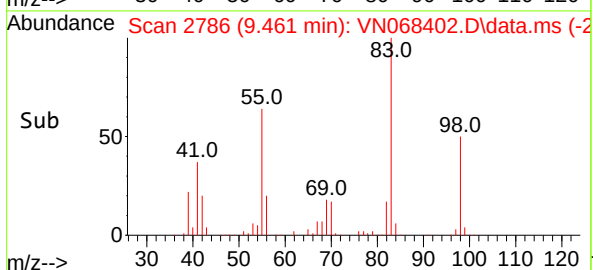
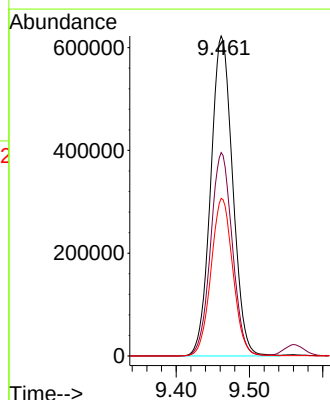
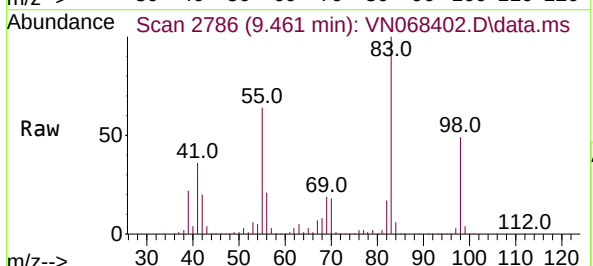
Tgt Ion: 83 Resp: 1296823

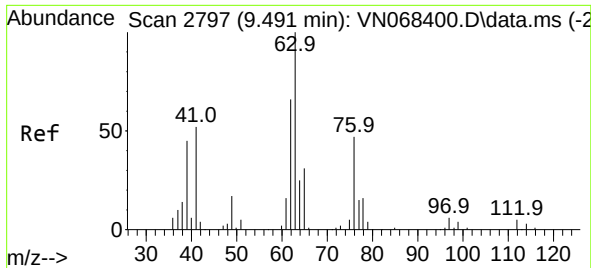
Ion Ratio Lower Upper

83 100

55 62.9 41.5 124.6

98 48.9 22.4 67.0





#39

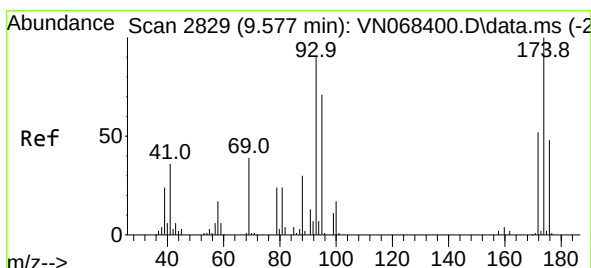
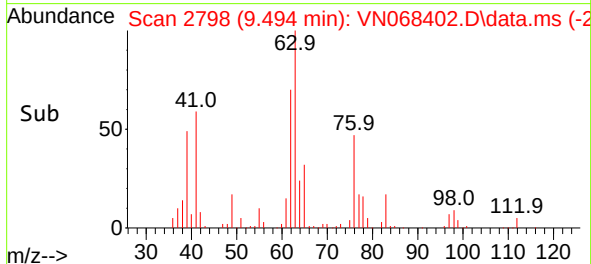
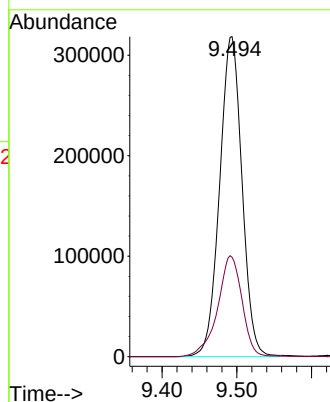
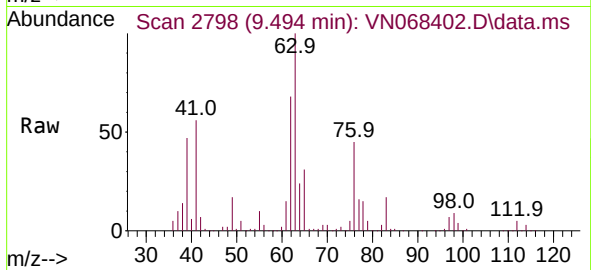
1,2-Dichloropropane
Concen: 87.194 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 63 Resp: 662609
Ion Ratio Lower Upper
63 100
65 31.0 24.5 36.7

Manual Integrations
APPROVED

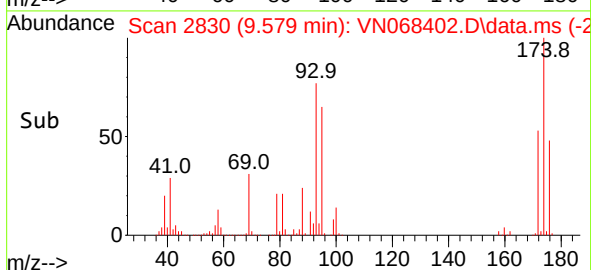
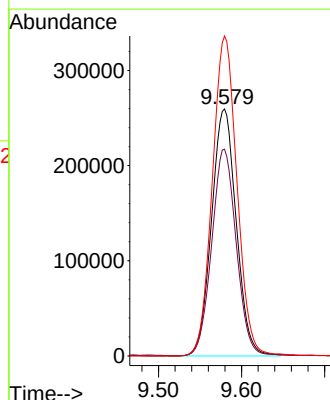
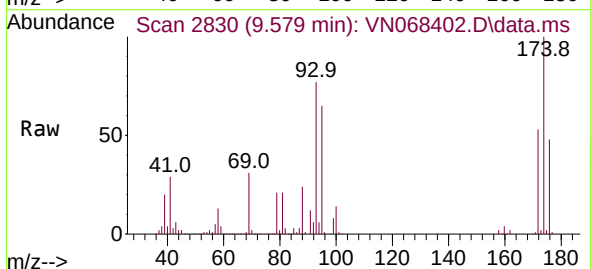
MMDadoda
9/7/2021 4:38:58 PM

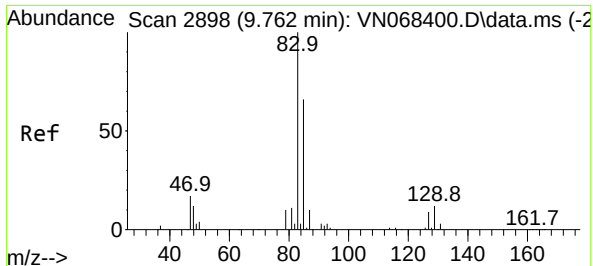


#40

Dibromomethane
Concen: 94.652 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

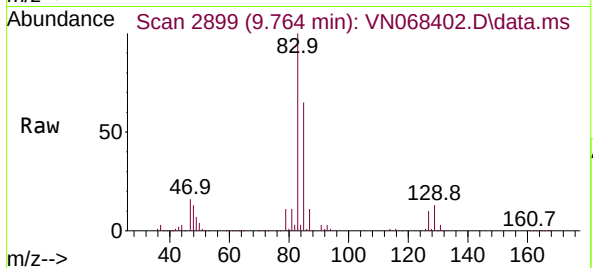
Tgt Ion: 93 Resp: 537086
Ion Ratio Lower Upper
93 100
95 83.0 0.0 167.6
174 128.8 0.0 148.4





#41
Bromodichloromethane
Concen: 94.292 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

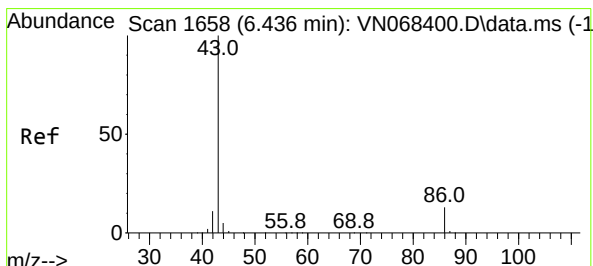
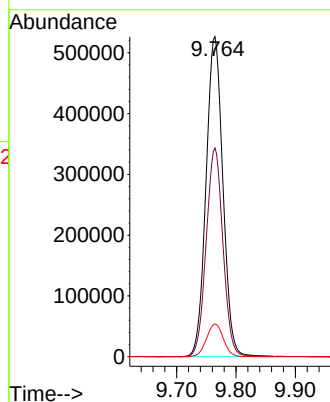
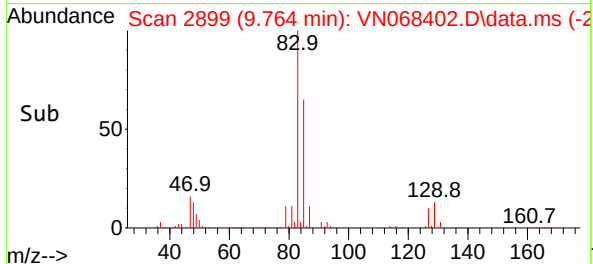
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



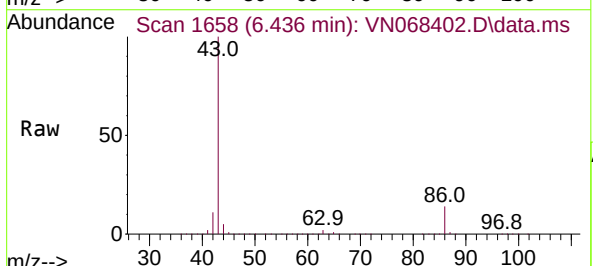
Tgt Ion: 83 Resp: 1036328
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8
127 10.2 6.6 9.8#

Manual Integrations
APPROVED

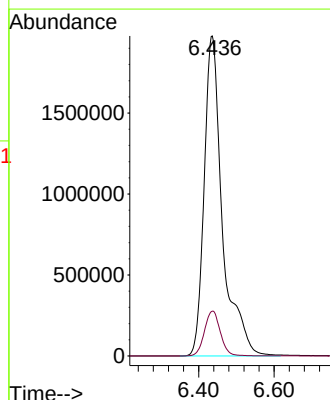
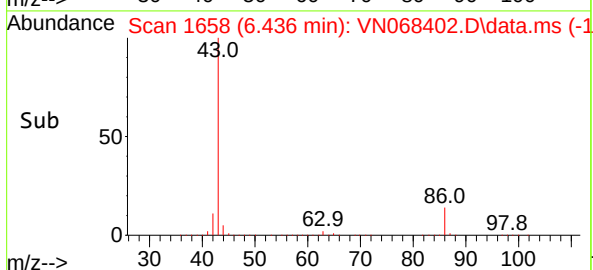
MMDadoda
9/7/2021 4:38:58 PM

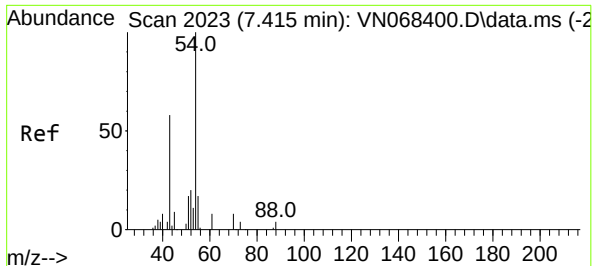


#42
Vinyl Acetate
Concen: 360.968 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 43 Resp: 6652495
Ion Ratio Lower Upper
43 100
86 12.2 6.4 9.6#





#43

Ethyl Acetate

Concen: 74.742 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. -0.003 min

Lab File: VN068402.D

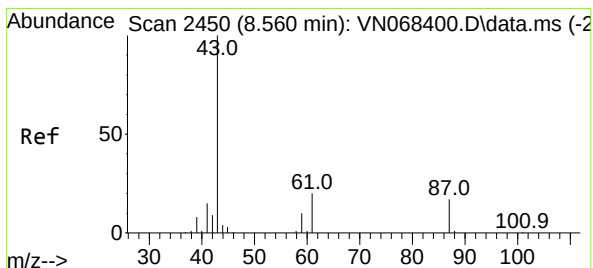
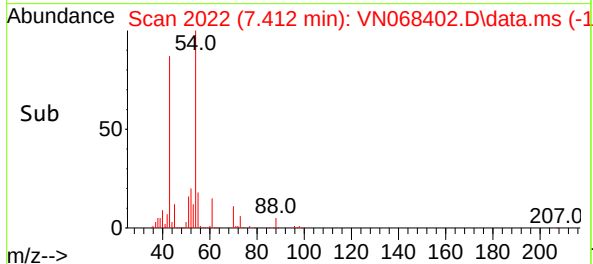
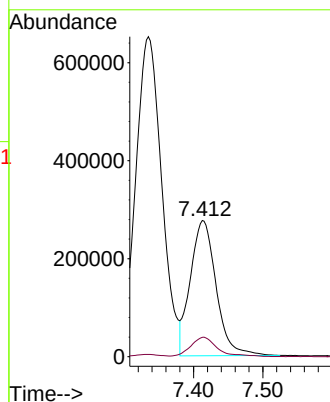
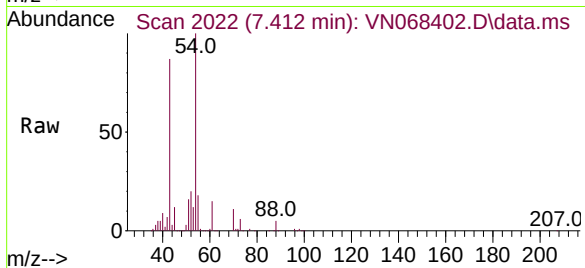
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 715366

Ion Ratio Lower Upper

43 100

45 14.9 1.0 1.6#



#44

Isopropyl Acetate

Concen: 75.326 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068402.D

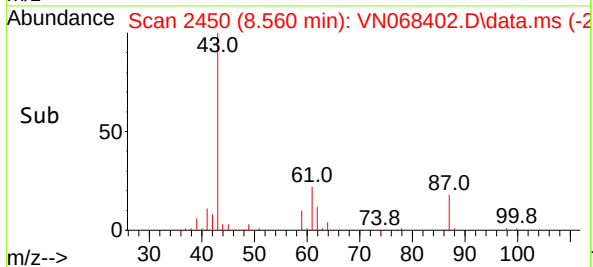
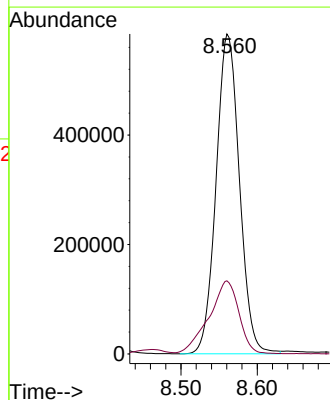
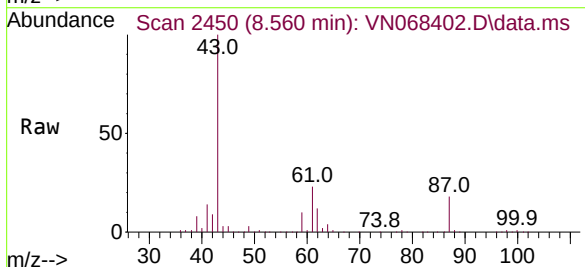
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 1242567

Ion Ratio Lower Upper

43 100

61 29.2 19.0 28.6#



Instrument :

MSVOA_N

ClientSampleId :

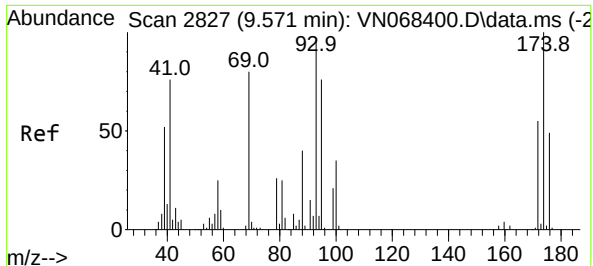
VSTDIC100

Manual Integrations

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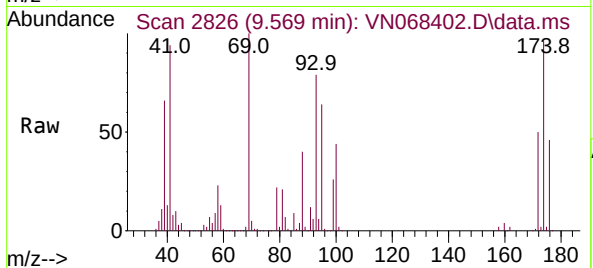
MMDadoda

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#45
1,4-Dioxane
Concen: 1663.741 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

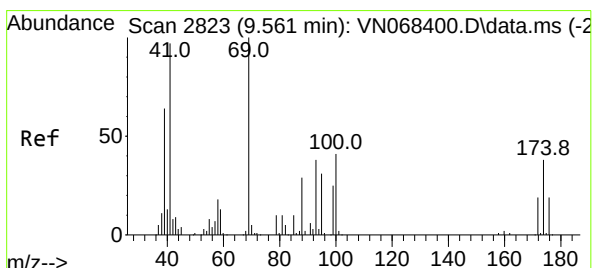
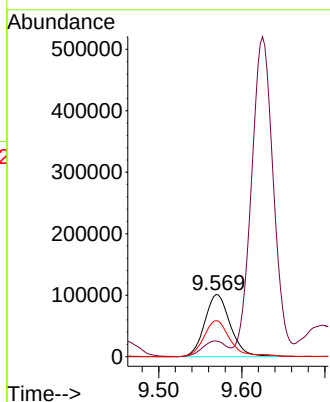
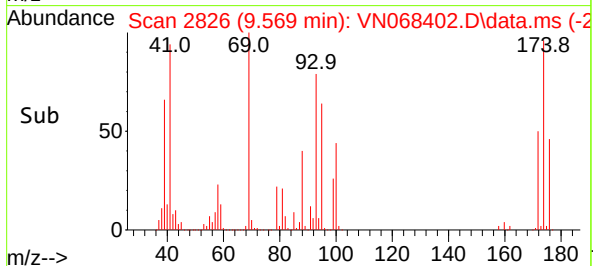
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



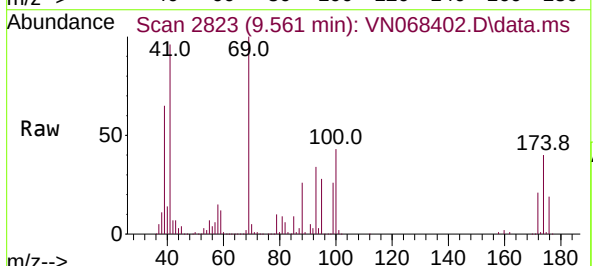
Tgt Ion: 88 Resp: 216572
Ion Ratio Lower Upper
88 100
43 23.6 18.0 27.0
58 57.8 57.7 86.5

Manual Integrations
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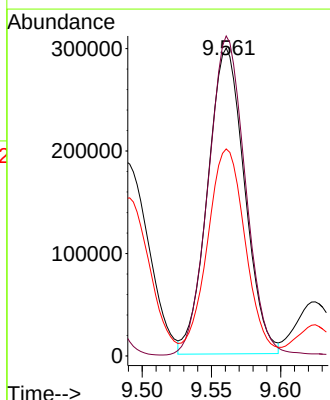
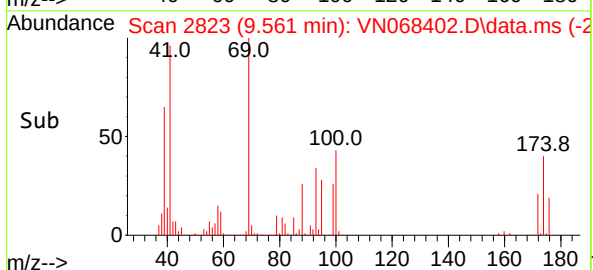
MMDadoda
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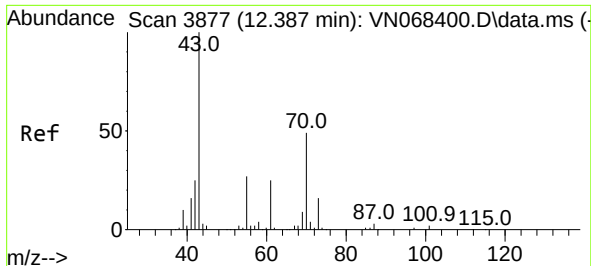


#46
Methyl methacrylate
Concen: 76.669 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 41 Resp: 554321
Ion Ratio Lower Upper
41 100
69 106.7 38.0 114.1
39 67.3 33.9 101.7





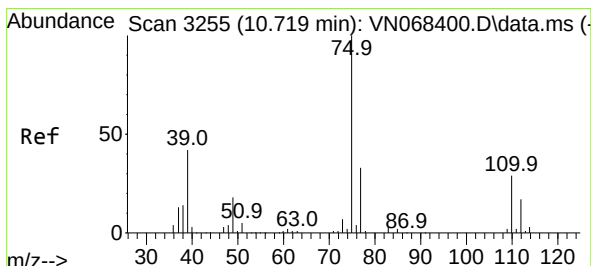
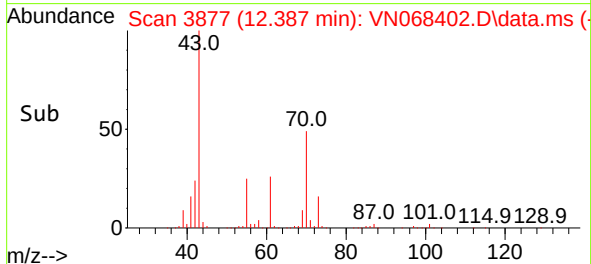
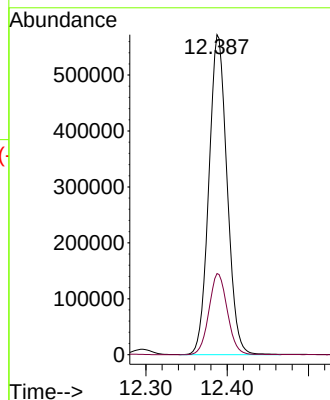
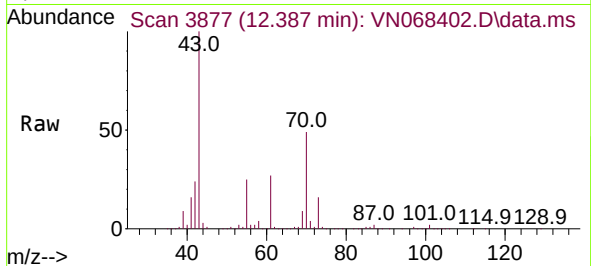
#47
n-amy1 Acetate
Concen: 66.172 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 43 Resp: 889076
Ion Ratio Lower Upper
43 100
55 25.7 17.6 26.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

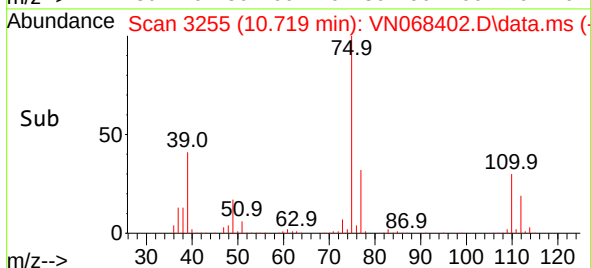
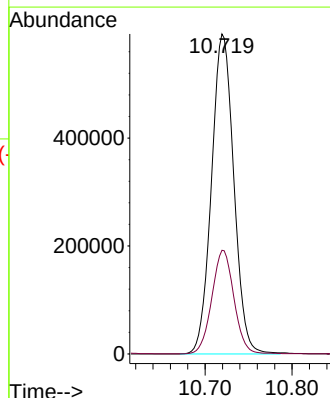
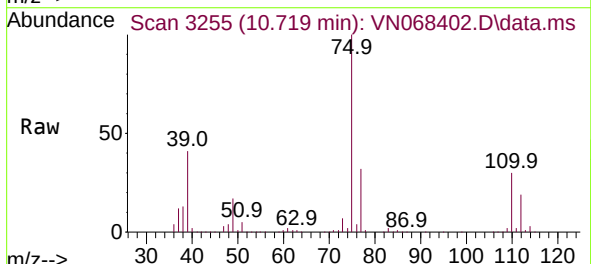
Manual Integrations
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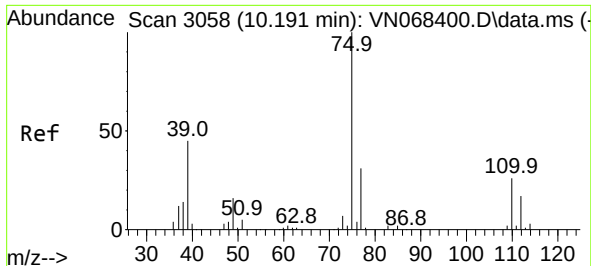
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 89.295 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 1057002
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0





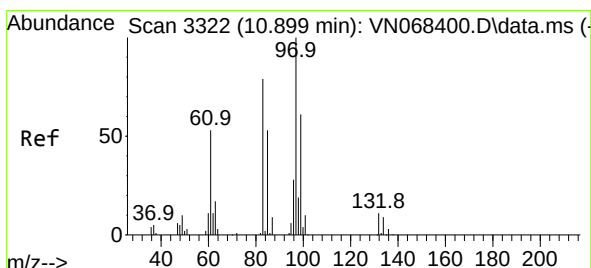
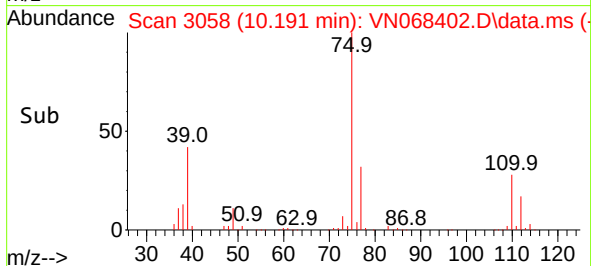
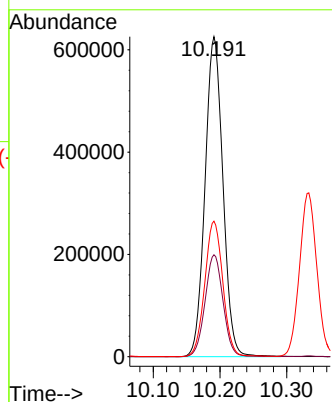
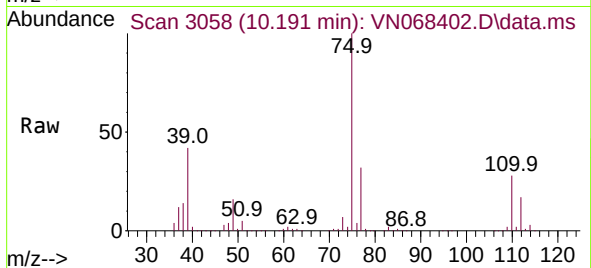
#49
cis-1,3-Dichloropropene
Concen: 93.423 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 1165768
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
39 42.3 50.6 76.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

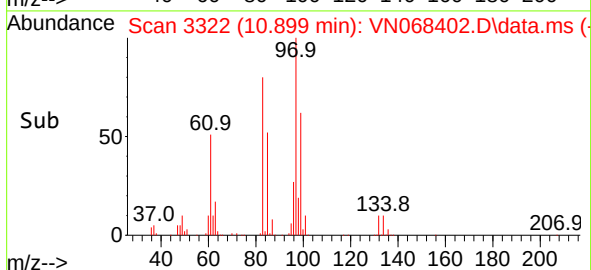
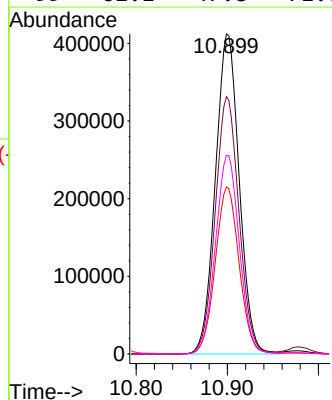
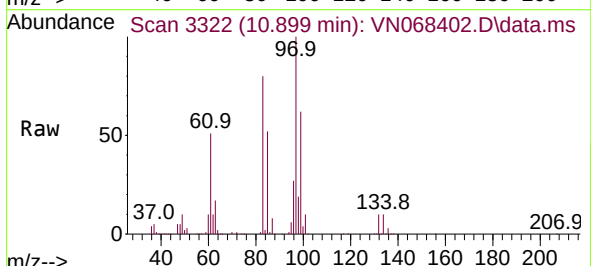
Manual Integrations
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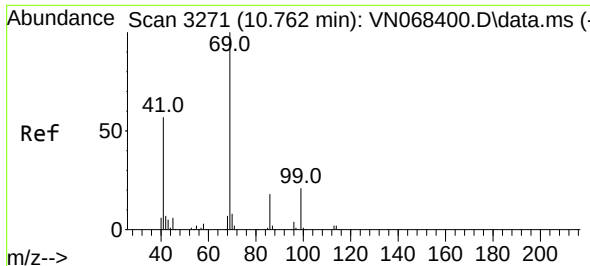
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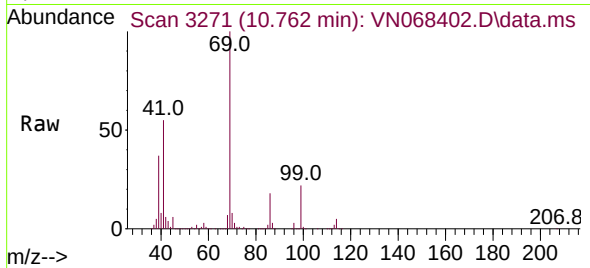
#50
1,1,2-Trichloroethane
Concen: 93.765 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 97 Resp: 750897
Ion Ratio Lower Upper
97 100
83 80.5 69.6 104.4
85 52.2 45.2 67.8
99 62.1 47.8 71.6



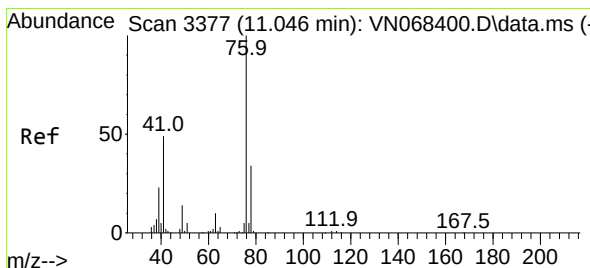
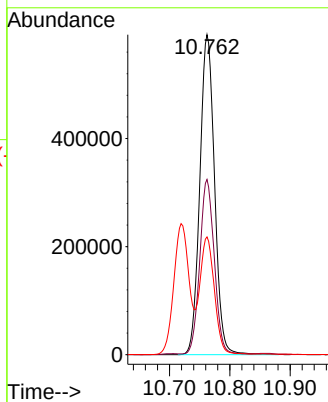
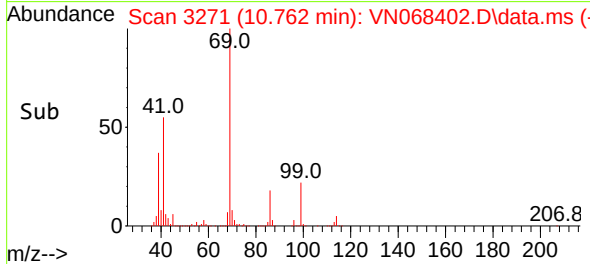


#51
Ethyl methacrylate
Concen: 83.286 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

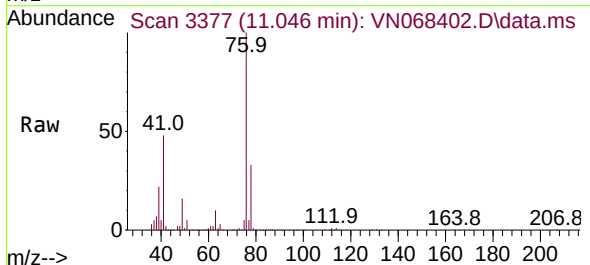


Tgt Ion: 69 Resp: 1007272

Ion	Ratio	Lower	Upper
69	100		
41	54.6	36.8	110.4
39	36.7	23.8	71.2

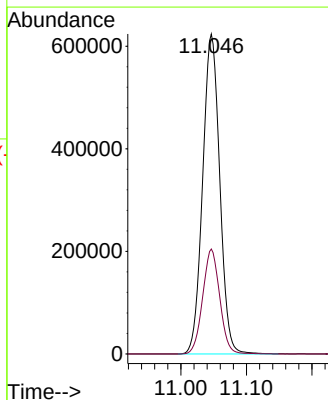
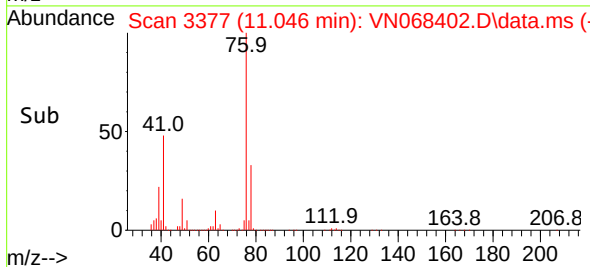


#52
1,3-Dichloropropane
Concen: 86.862 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 76 Resp: 1128649

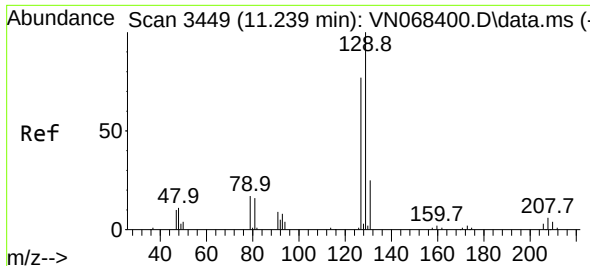
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	64.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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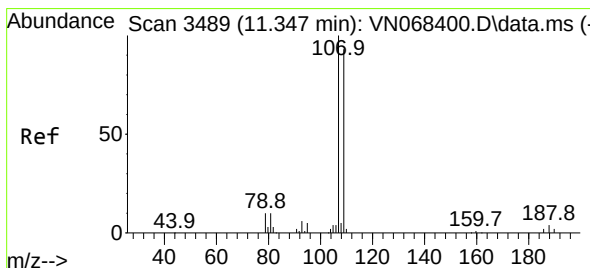
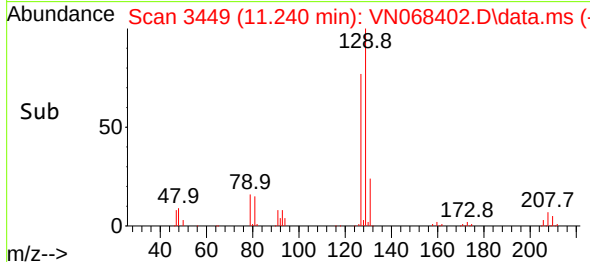
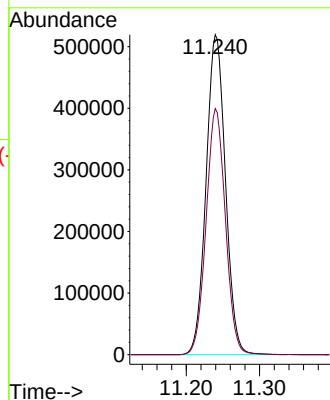
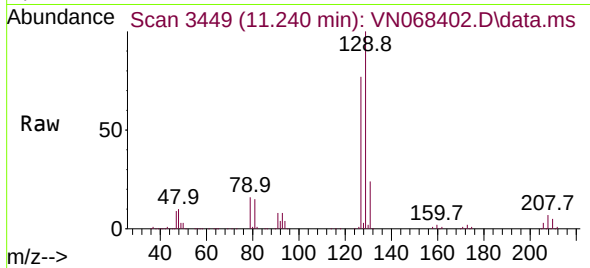
#53
 Dibromochloromethane
 Concen: 108.554 ug/l
 RT: 11.240 min Scan# 3449
 Delta R.T. 0.000 min
 Lab File: VN068402.D
 Acq: 3 Sep 2021 12:11

Tgt Ion:129 Resp: 954094
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.8 116.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

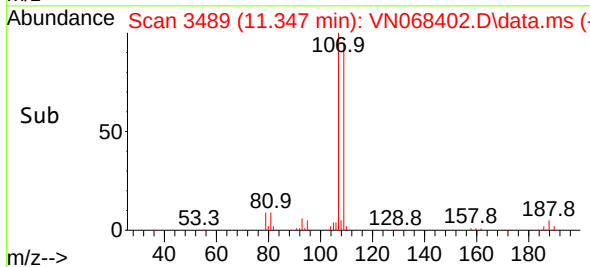
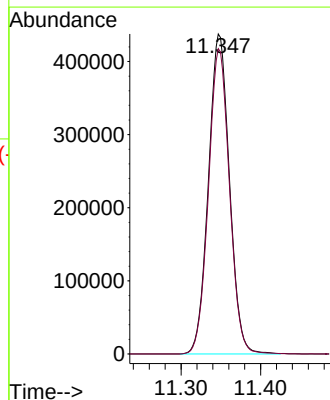
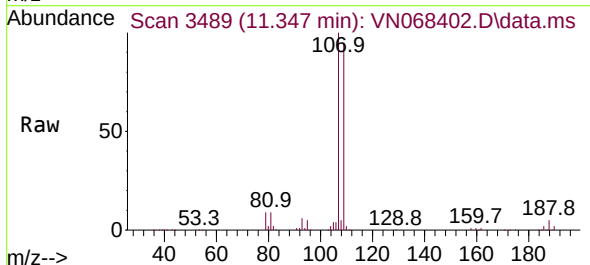
Manual Integrations
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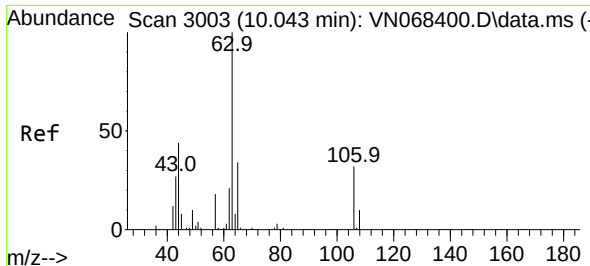
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#54
 1,2-Dibromoethane
 Concen: 96.673 ug/l
 RT: 11.347 min Scan# 3489
 Delta R.T. 0.000 min
 Lab File: VN068402.D
 Acq: 3 Sep 2021 12:11

Tgt Ion:107 Resp: 804136
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6





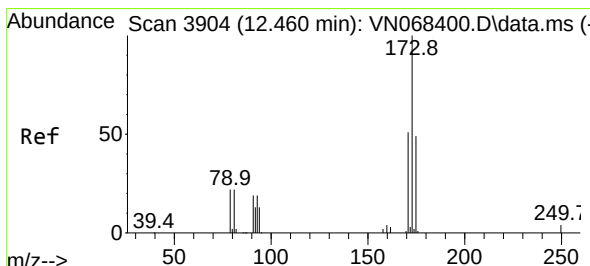
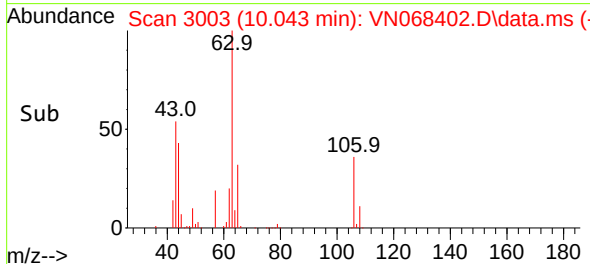
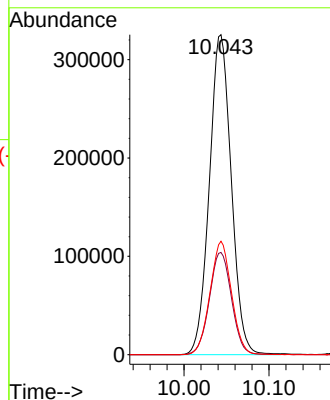
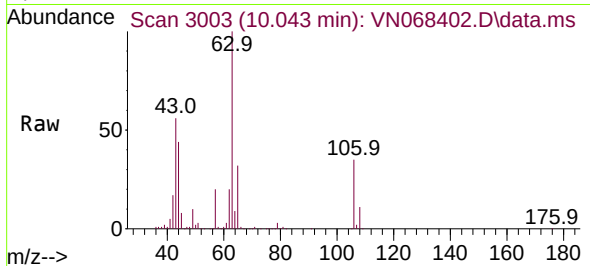
#55
2-Chloroethyl vinyl ether
Concen: 254.508 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 63 Resp: 583721
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 34.7 20.0 30.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

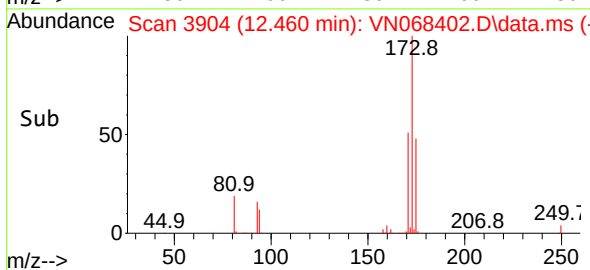
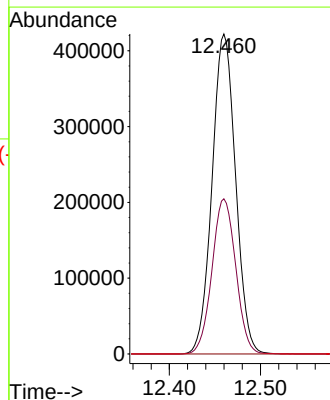
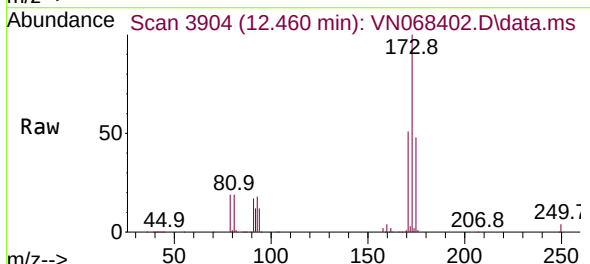
Manual Integrations
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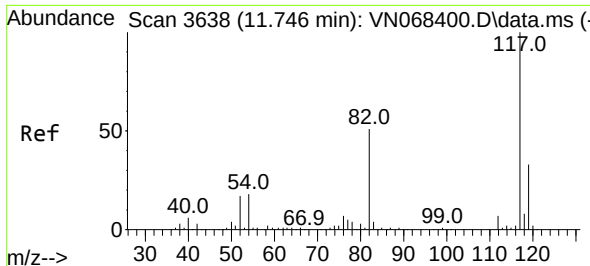
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#56
Bromoform
Concen: 119.987 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 173 Resp: 756600
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 0.0 0.0 0.0





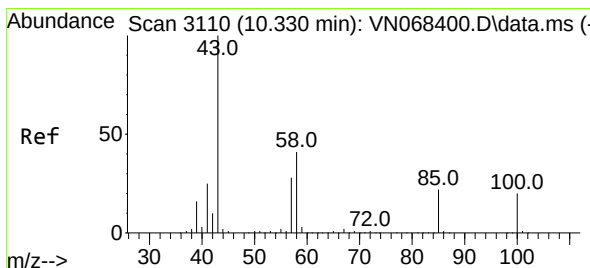
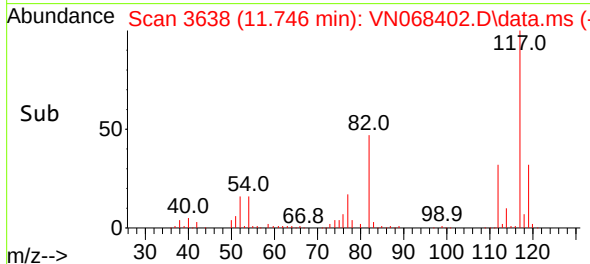
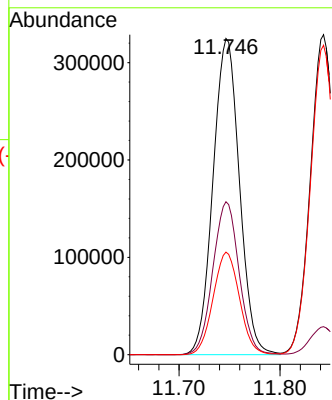
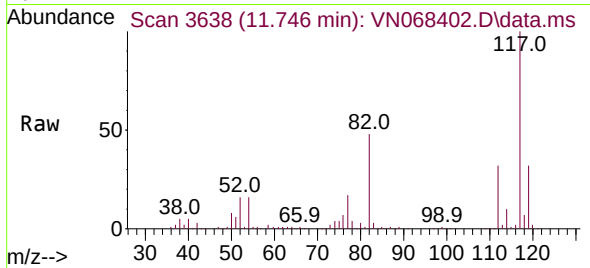
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 117 Resp: 589648
Ion Ratio Lower Upper
117 100
82 48.2 52.5 78.7#
119 32.4 25.8 38.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

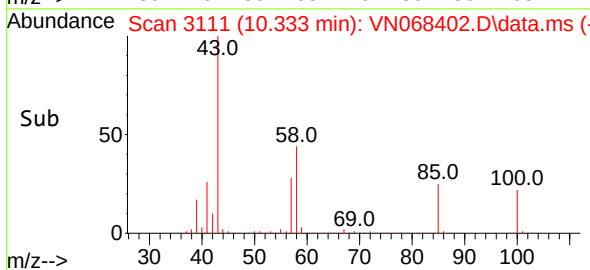
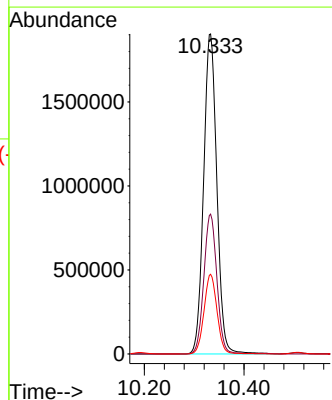
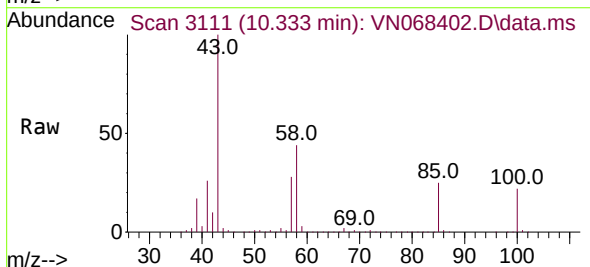
Manual Integrations
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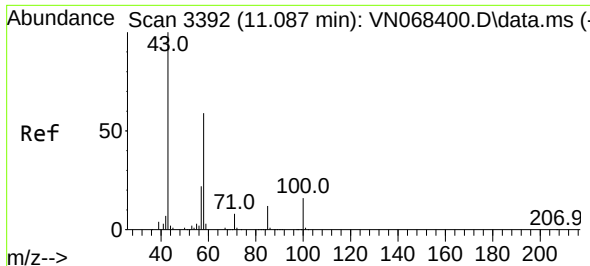
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#58
4-Methyl-2-Pentanone
Concen: 363.289 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

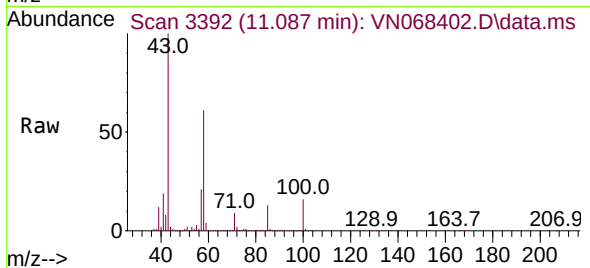
Tgt Ion: 43 Resp: 3508316
Ion Ratio Lower Upper
43 100
58 43.2 29.0 43.4
85 24.4 13.2 19.8#





#59
2-Hexanone
Concen: 349.762 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

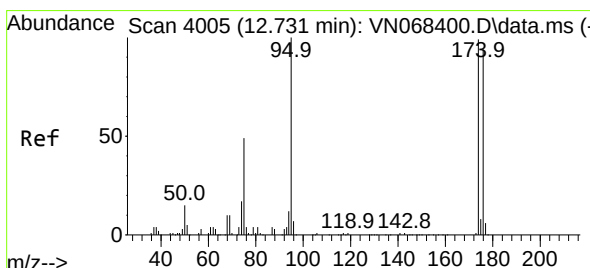
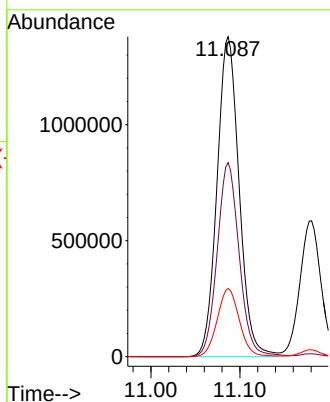
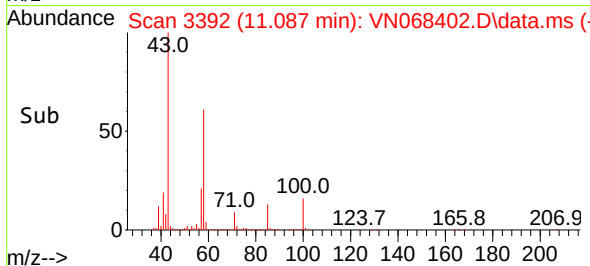
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



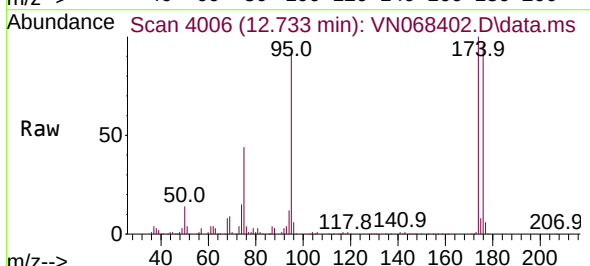
Tgt Ion: 43 Resp: 2382605
Ion Ratio Lower Upper
43 100
58 60.3 39.4 59.0#
57 21.4 14.4 21.6

Manual Integrations
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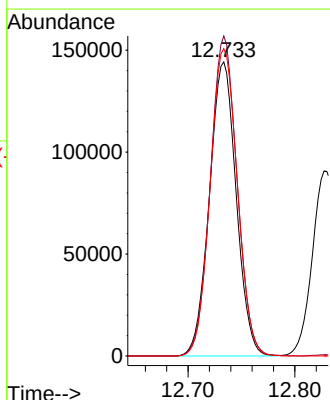
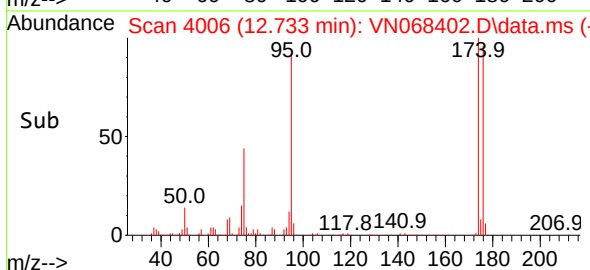
MMDadoda
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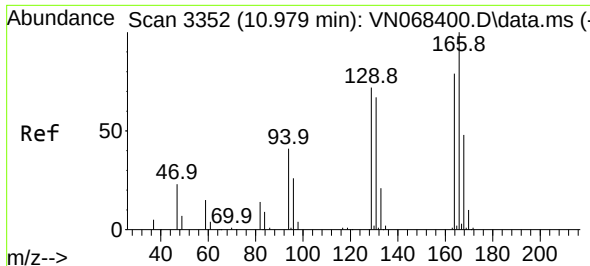


#60
4-Bromofluorobenzene
Concen: 27.079 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



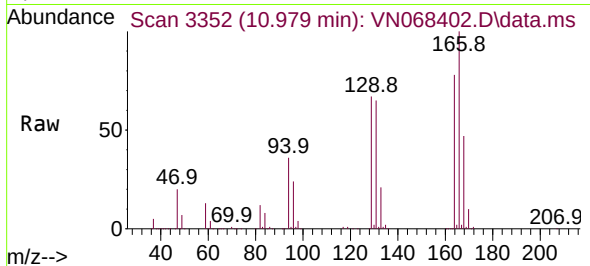
Tgt Ion: 95 Resp: 251356
Ion Ratio Lower Upper
95 100
174 108.3 47.7 71.5#
176 106.2 45.7 68.5#





#61
Tetrachloroethene
Concen: 118.444 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

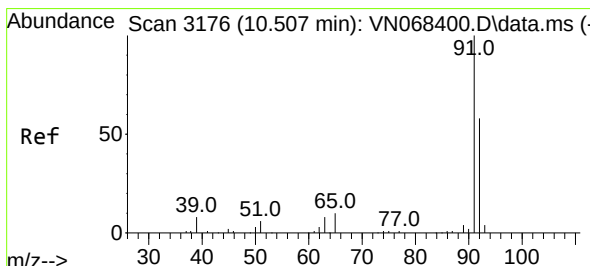
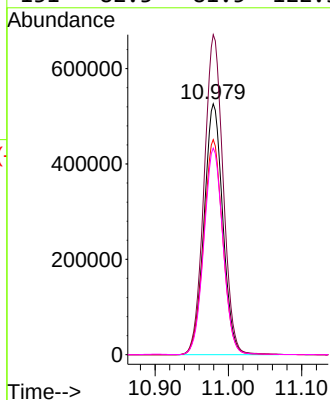
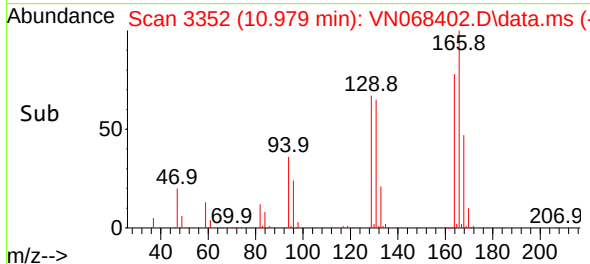
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



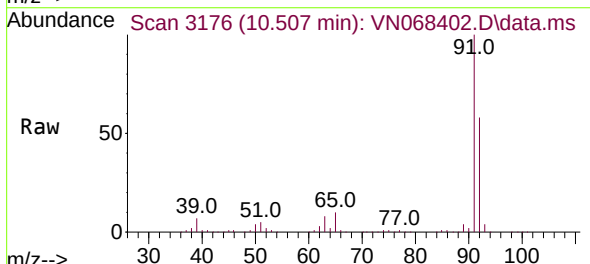
Tgt Ion:164 Resp: 935315
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.4
129 85.7 85.5 128.3
131 82.3 81.5 122.3

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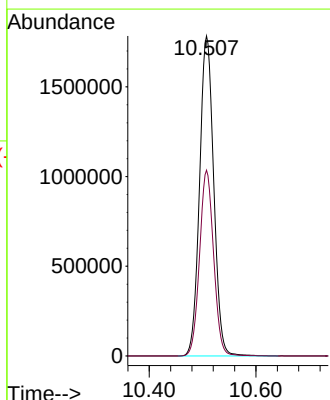
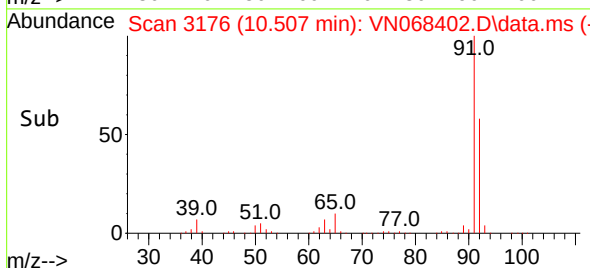
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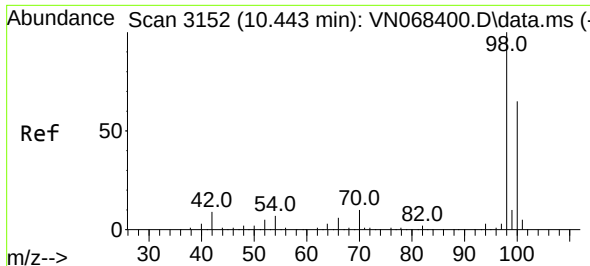


#62
Toluene
Concen: 94.408 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion: 91 Resp: 3288038
Ion Ratio Lower Upper
91 100
92 57.7 46.1 69.1





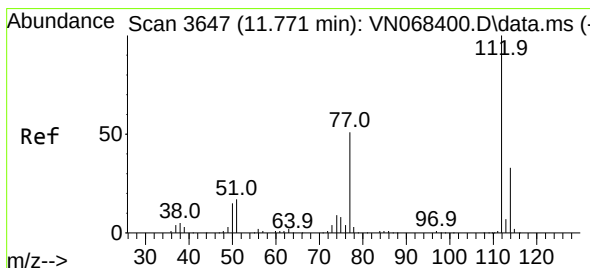
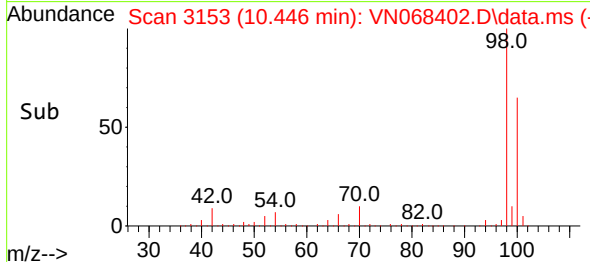
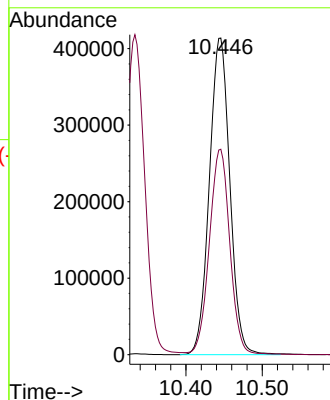
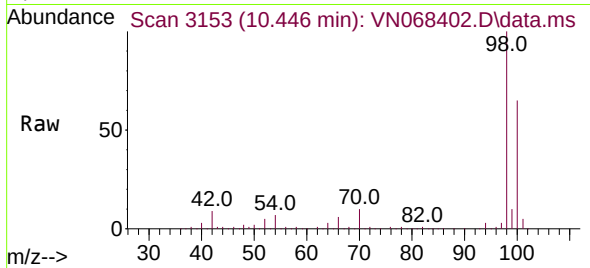
#63
Toluene-d8
Concen: 28.679 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 98 Resp: 772390
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

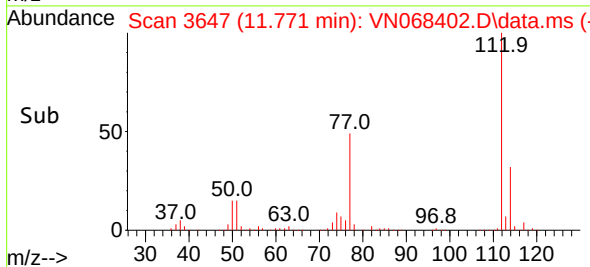
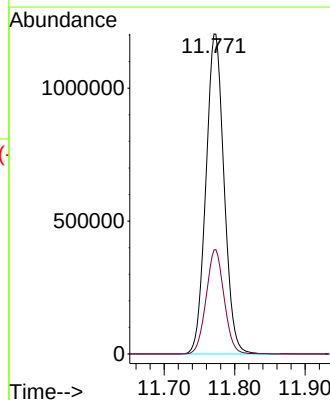
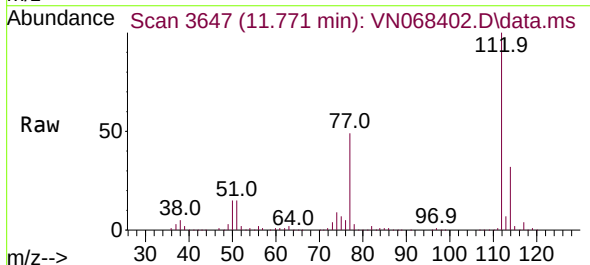
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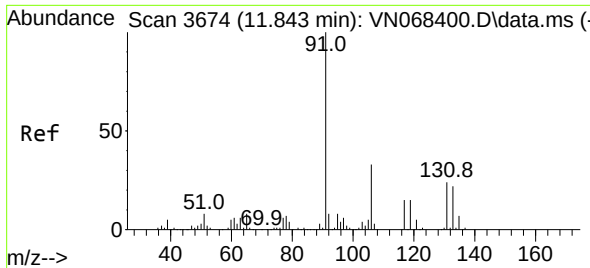
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#64
Chlorobenzene
Concen: 100.855 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 112 Resp: 2145673
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0





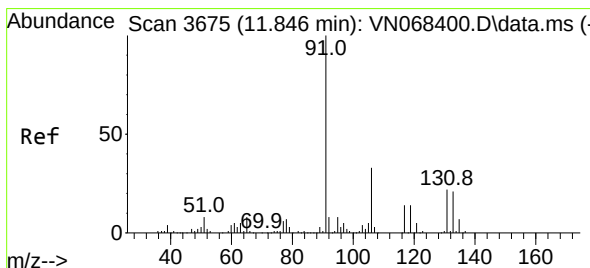
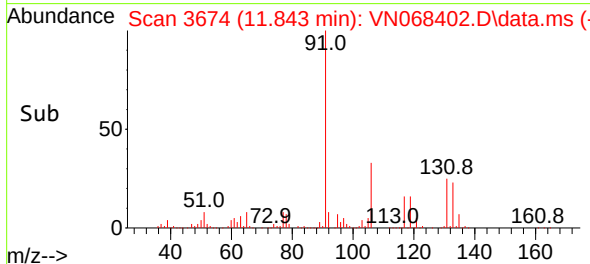
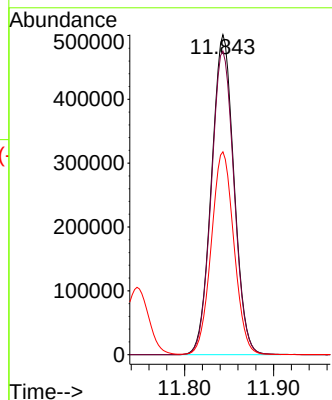
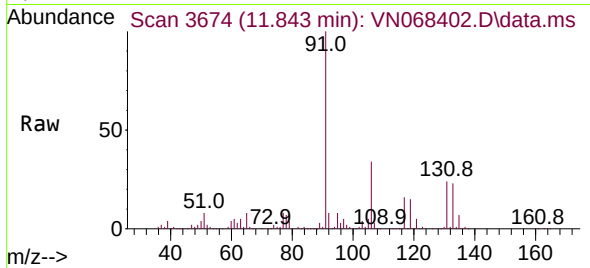
#65
1,1,1,2-Tetrachloroethane
Concen: 108.438 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:131 Resp: 881833
Ion Ratio Lower Upper
131 100
133 96.0 0.0 189.6
119 63.7 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

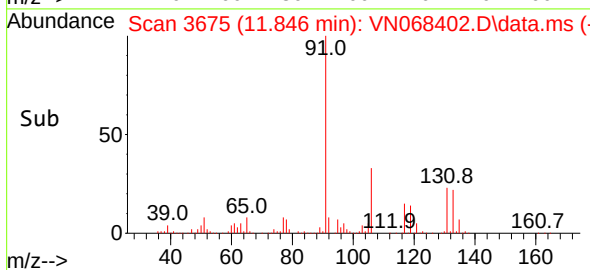
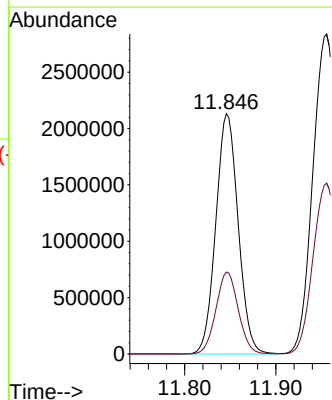
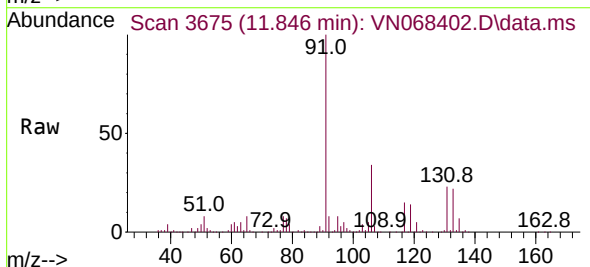
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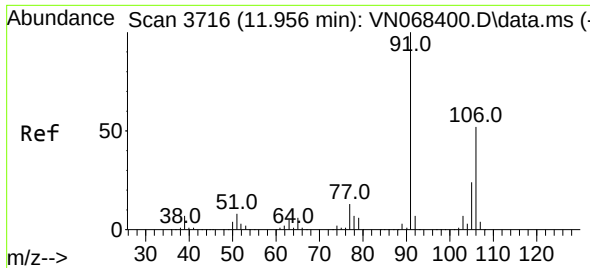
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#66
Ethyl Benzene
Concen: 94.458 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 3626937
Ion Ratio Lower Upper
91 100
106 34.1 23.4 35.0





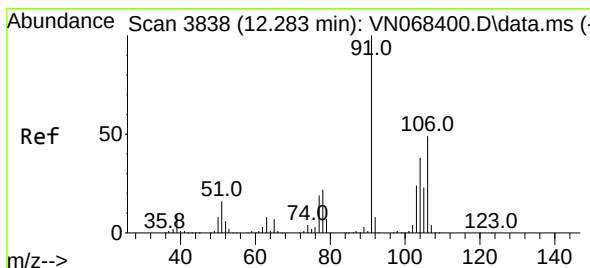
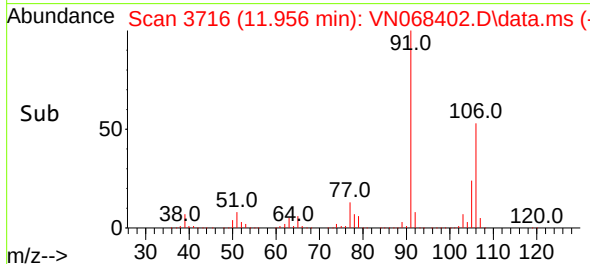
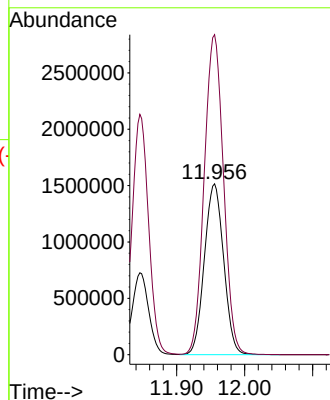
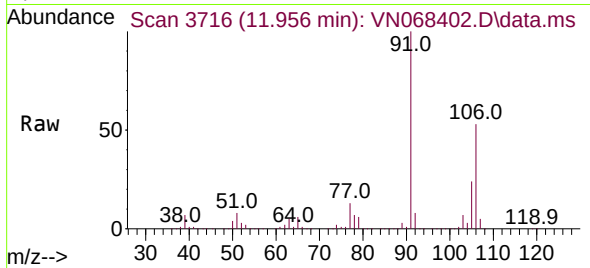
#67
m/p-Xylenes
Concen: 199.935 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:106 Resp: 2983379
Ion Ratio Lower Upper
106 100
91 187.3 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

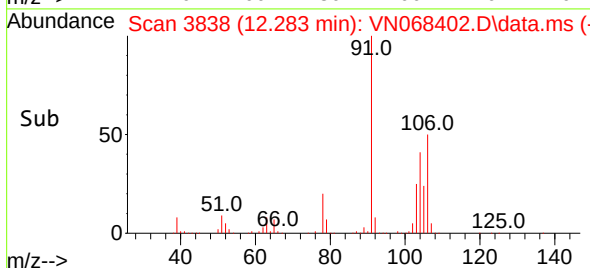
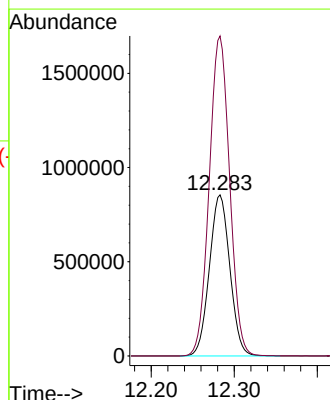
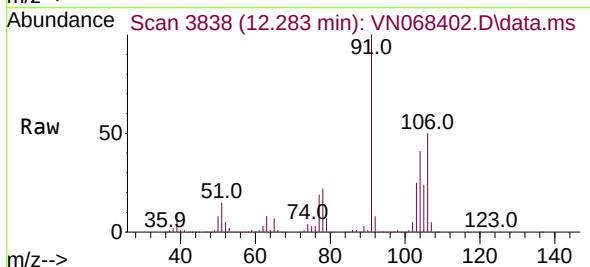
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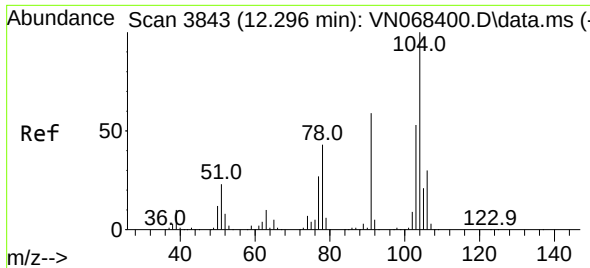
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#68
o-Xylene
Concen: 99.478 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:106 Resp: 1461538
Ion Ratio Lower Upper
106 100
91 198.3 120.0 360.0





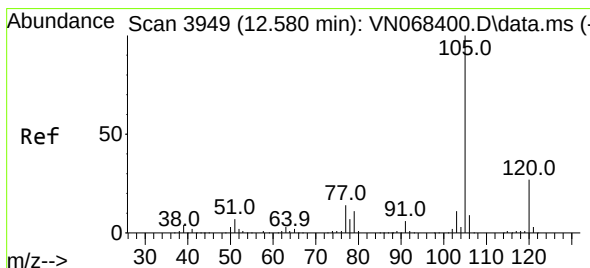
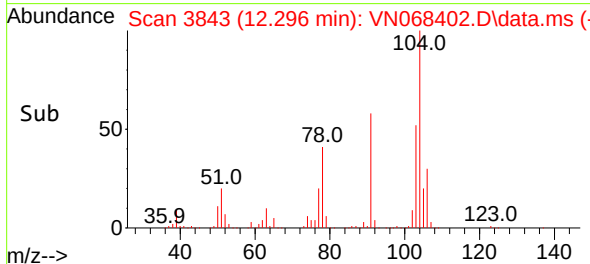
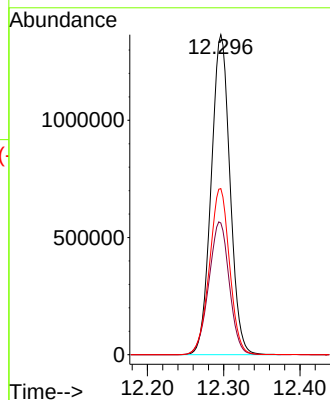
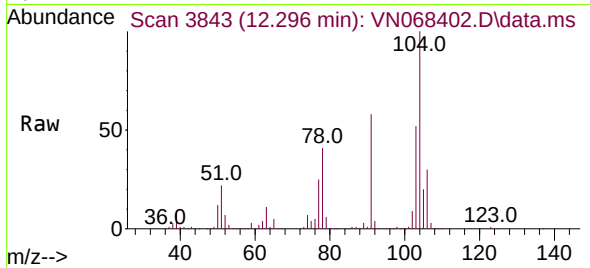
#69
Styrene
Concen: 98.275 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:104 Resp: 2344240
Ion Ratio Lower Upper
104 100
78 45.1 48.2 72.2#
103 55.4 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

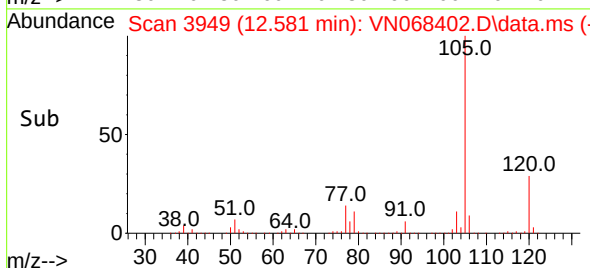
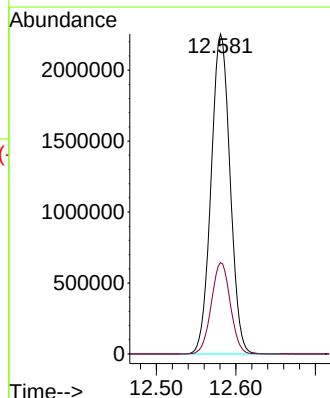
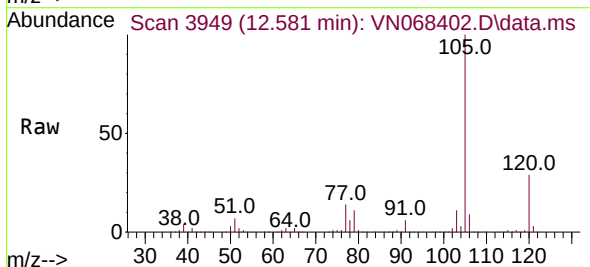
Manual Integrations
APPROVED

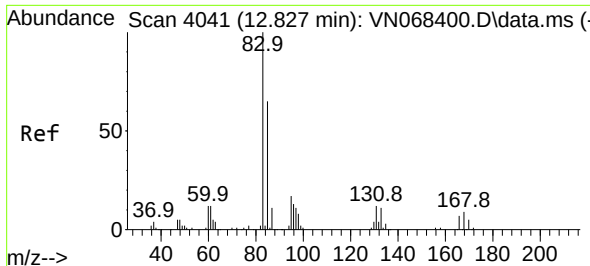
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#70
Isopropylbenzene
Concen: 98.727 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:105 Resp: 3739793
Ion Ratio Lower Upper
105 100
120 28.6 17.6 32.6





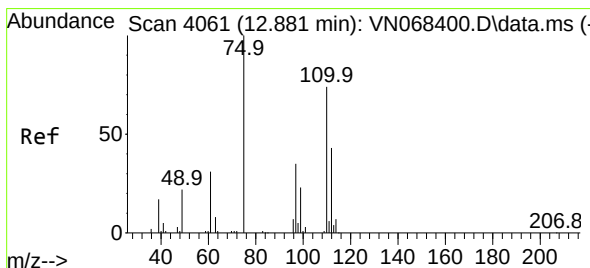
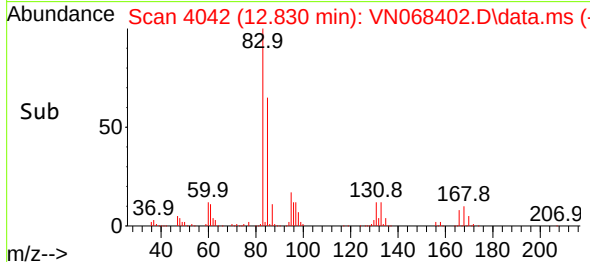
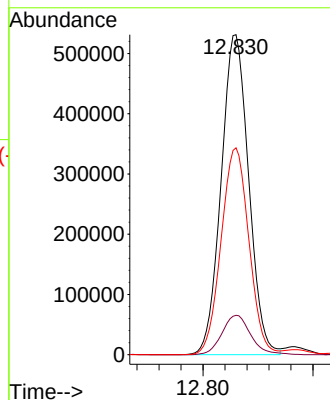
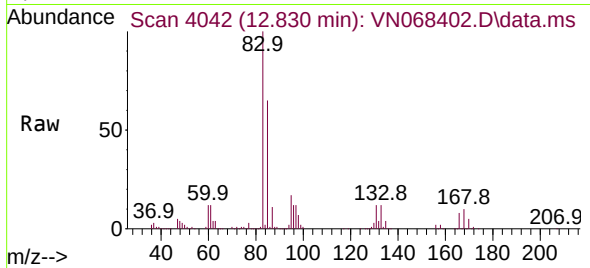
#71
1,1,2,2-Tetrachloroethane
Concen: 87.470 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 83 Resp: 924294
Ion Ratio Lower Upper
83 100
131 12.8 4.7 14.0
85 65.2 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

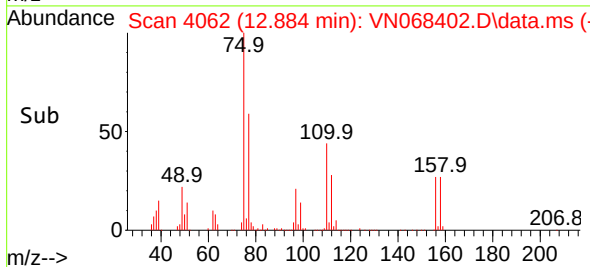
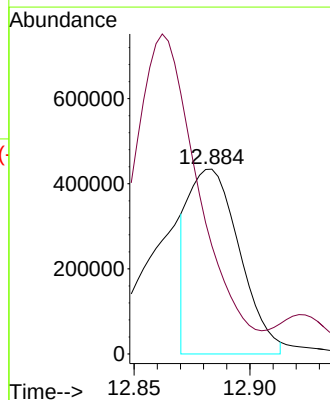
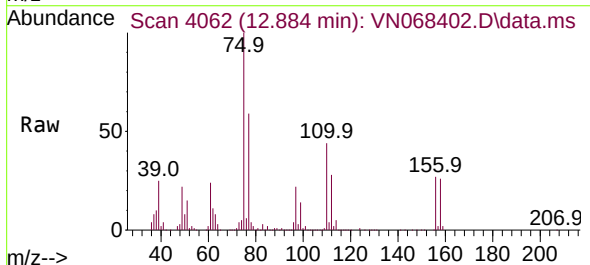
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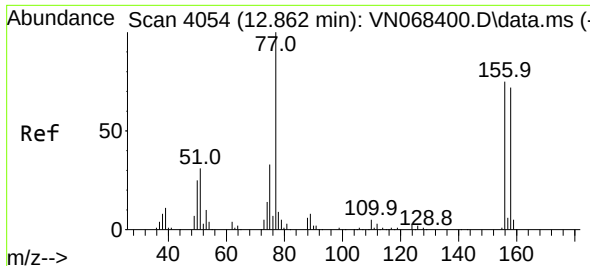
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#72
1,2,3-Trichloropropane
Concen: 74.815 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 75 Resp: 663877
Ion Ratio Lower Upper
75 100
77 226.9 0.0 374.2





#73
Bromobenzene
Concen: 115.865 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

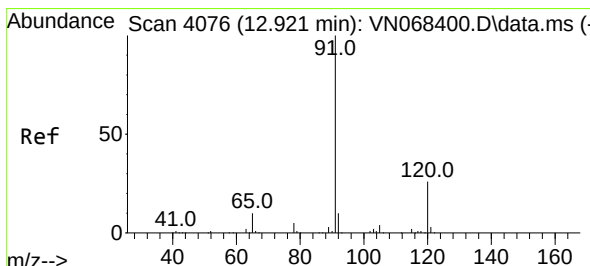
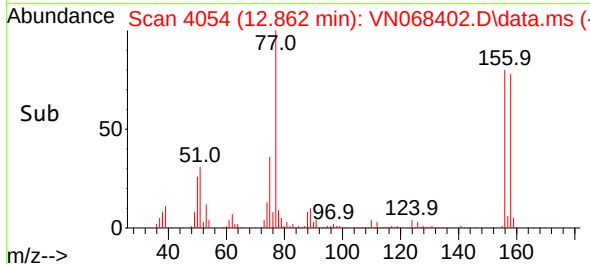
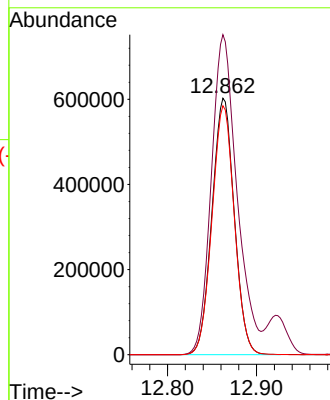
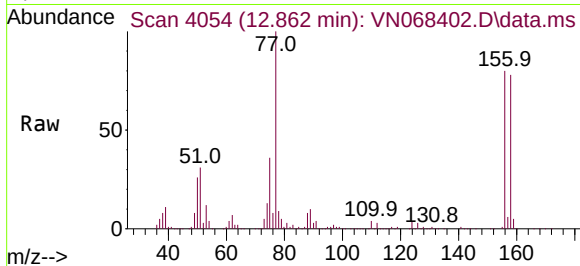
Tgt Ion:156 Resp: 1050328

Ion	Ratio	Lower	Upper
156	100		
77	143.4	0.0	548.0
158	97.2	0.0	194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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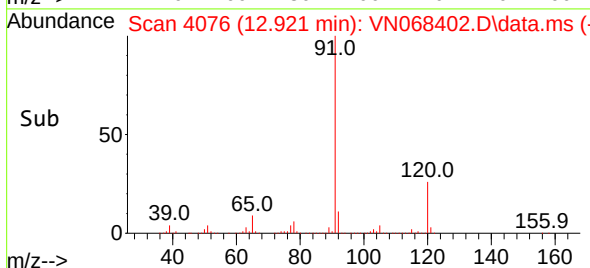
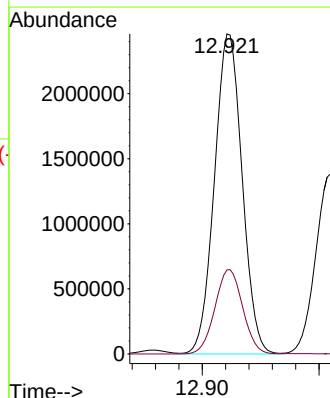
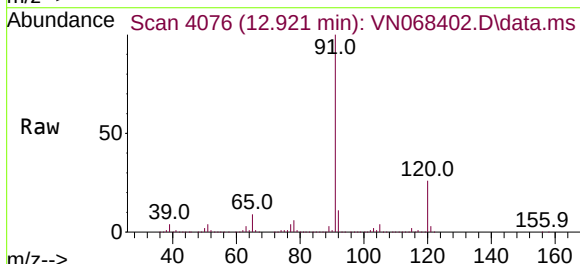
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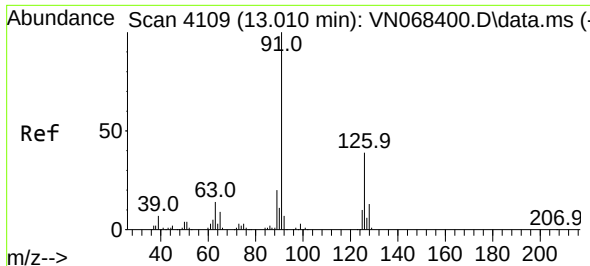


#74
n-propylbenzene
Concen: 94.947 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion: 91 Resp: 4044113

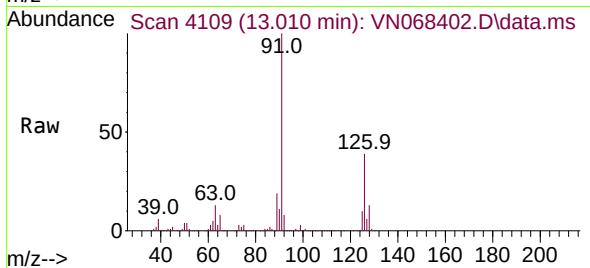
Ion	Ratio	Lower	Upper
91	100		
120	26.4	0.0	41.0





#75
2-Chlorotoluene
Concen: 92.092 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

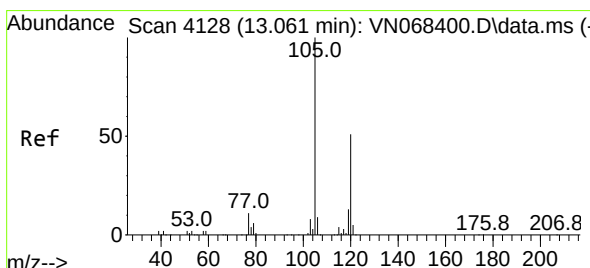
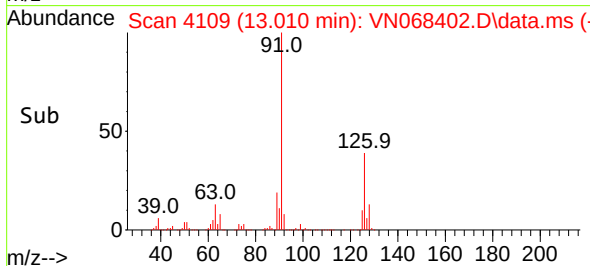
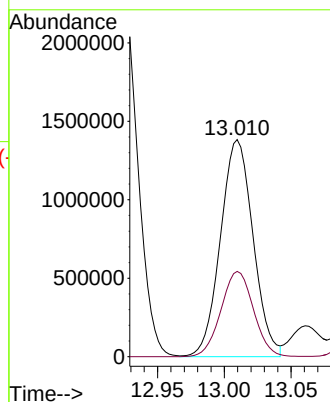
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 2354377
Ion Ratio Lower Upper
91 100
126 39.2 0.0 0.0#

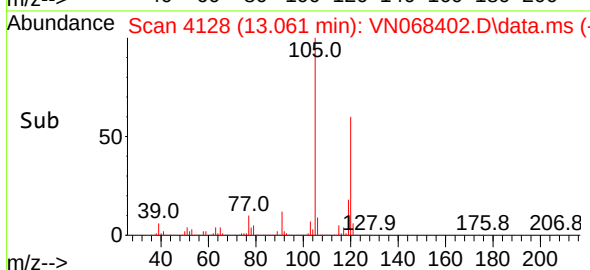
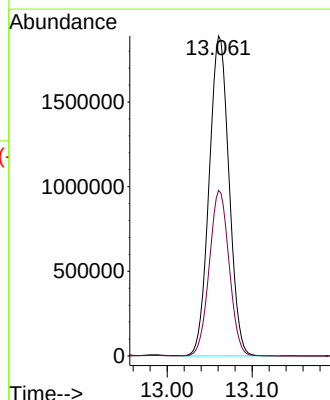
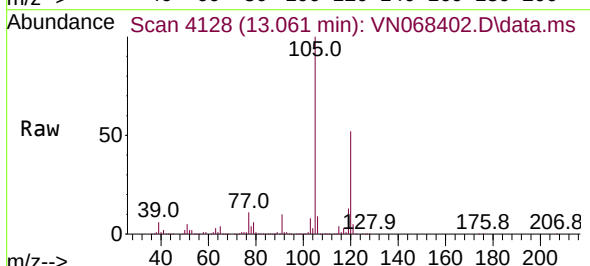
Manual Integrations
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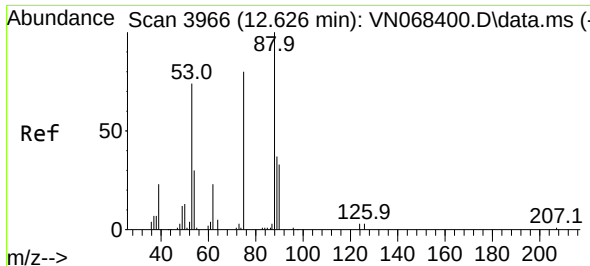
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#76
1,3,5-Trimethylbenzene
Concen: 97.728 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

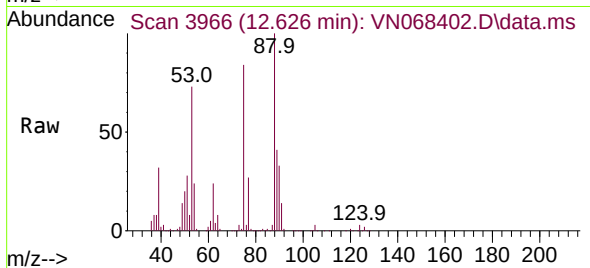
Tgt Ion: 105 Resp: 3068947
Ion Ratio Lower Upper
105 100
120 51.7 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 87.892 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

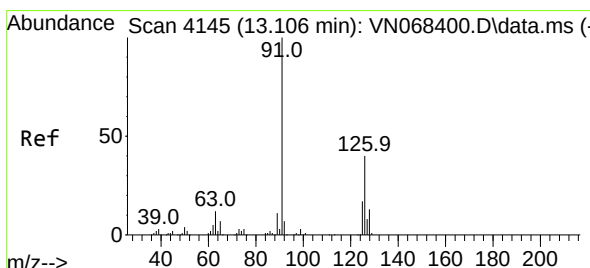
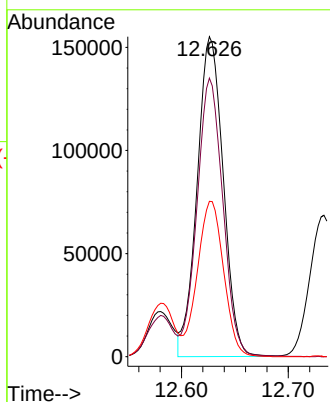
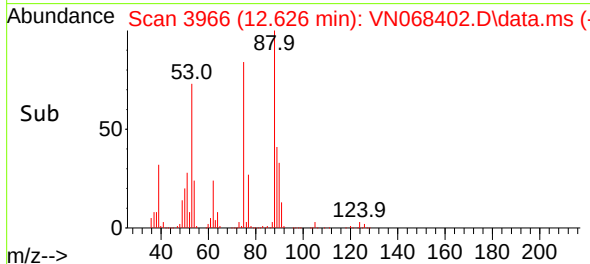
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



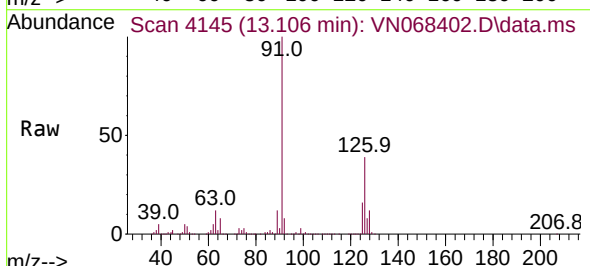
Tgt Ion: 75 Resp: 263429
Ion Ratio Lower Upper
75 100
53 87.0 55.2 165.6
89 48.7 24.5 73.5

Manual Integrations
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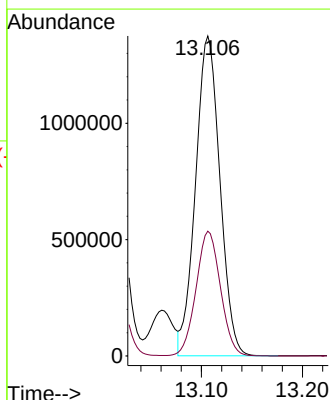
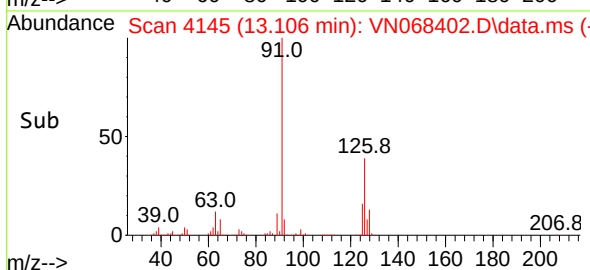
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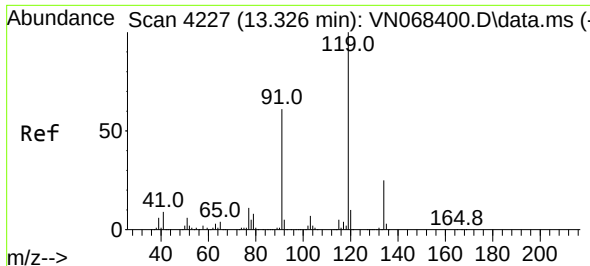


#78
4-Chlorotoluene
Concen: 91.702 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



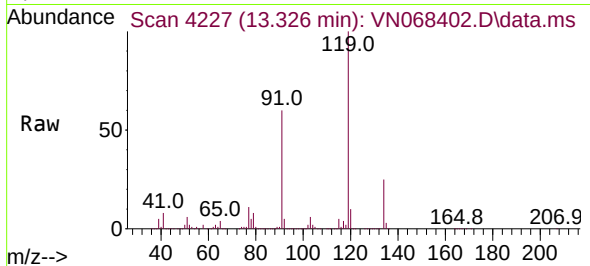
Tgt Ion: 91 Resp: 2307142
Ion Ratio Lower Upper
91 100
126 39.1 0.0 57.6





#79
tert-butylbenzene
Concen: 105.441 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

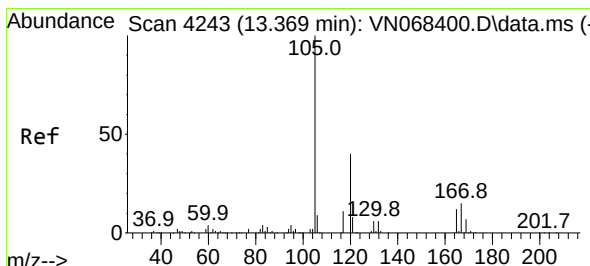
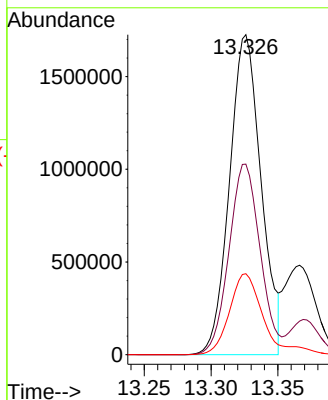
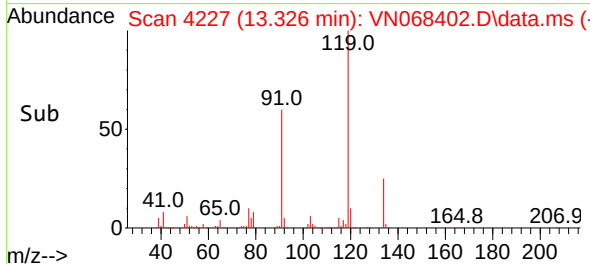
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



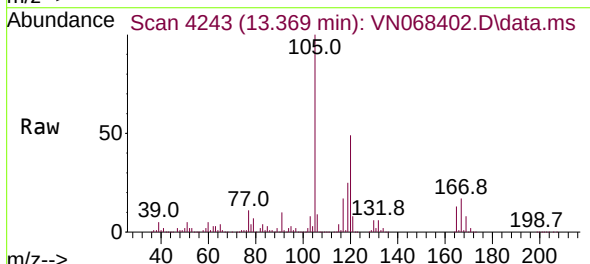
Tgt Ion:119 Resp: 2843068
Ion Ratio Lower Upper
119 100
91 59.0 0.0 158.4
134 25.6 0.0 43.6

Manual Integrations
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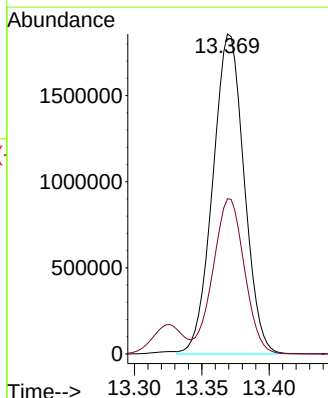
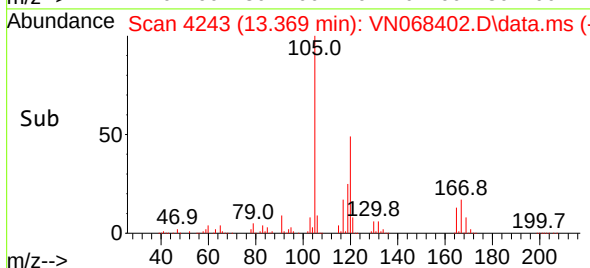
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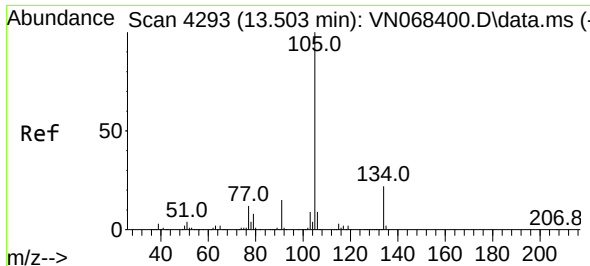


#80
1,2,4-Trimethylbenzene
Concen: 97.543 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



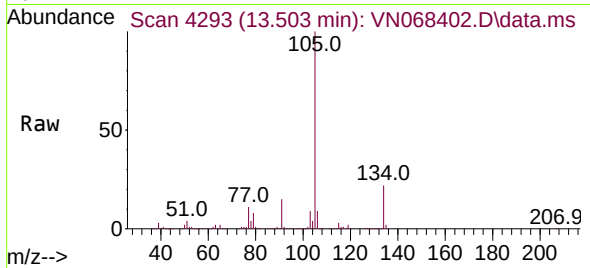
Tgt Ion:105 Resp: 3004934
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 103.223 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068402.D
 Acq: 3 Sep 2021 12:11

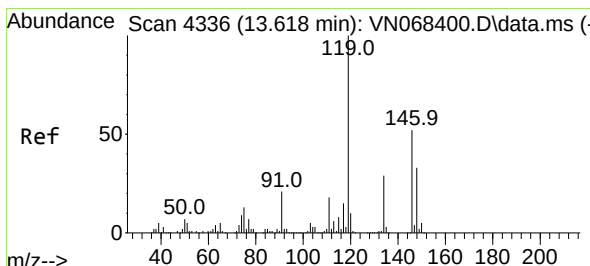
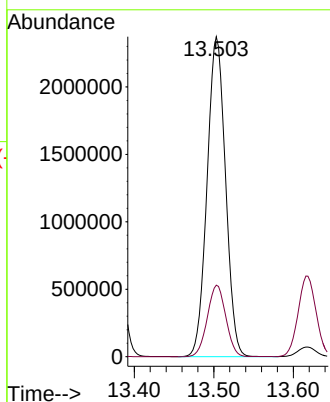
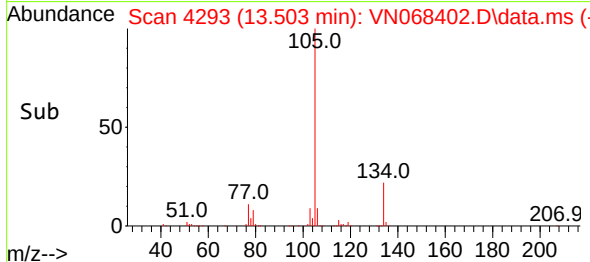
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



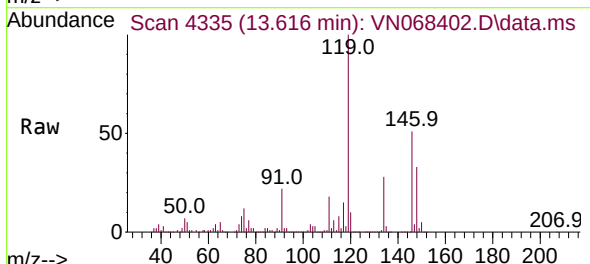
Tgt Ion:105 Resp: 3821022
 Ion Ratio Lower Upper
 105 100
 134 22.4 0.0 35.4

Manual Integrations
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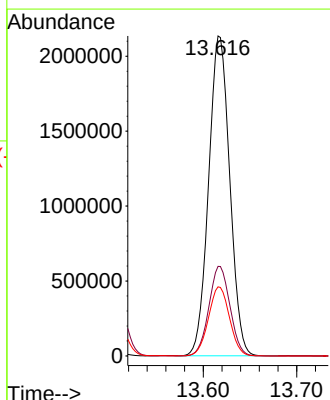
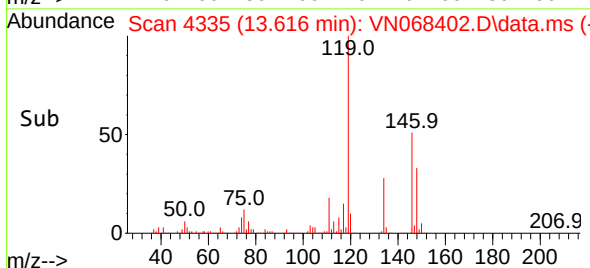
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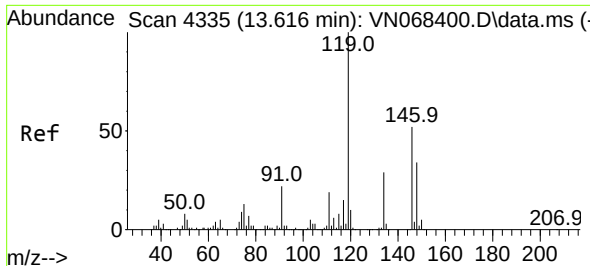


#82
 p-Isopropyltoluene
 Concen: 107.467 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN068402.D
 Acq: 3 Sep 2021 12:11



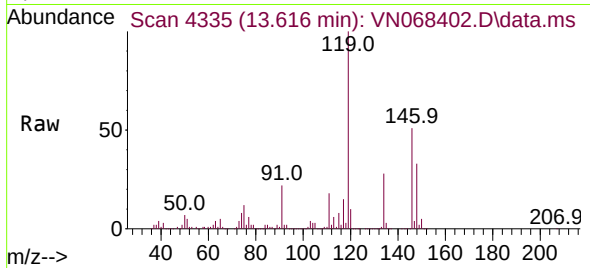
Tgt Ion:119 Resp: 3354434
 Ion Ratio Lower Upper
 119 100
 134 27.9 0.0 49.0
 91 21.5 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 110.054 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

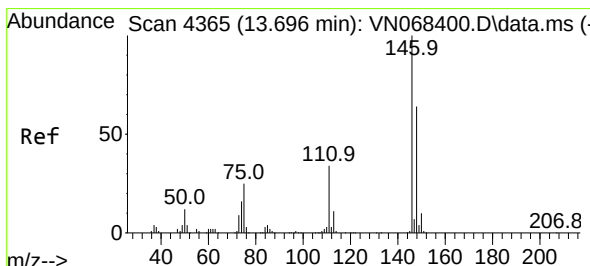
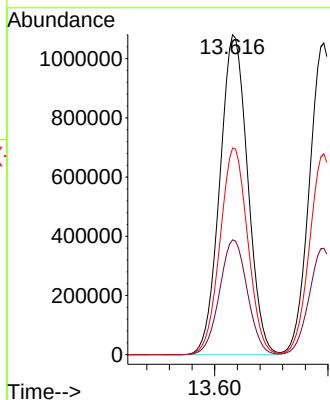
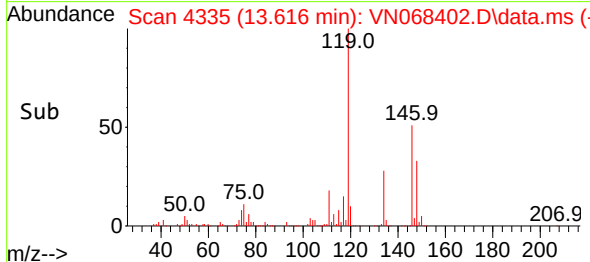
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



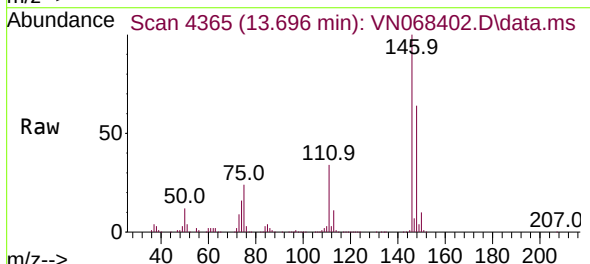
Tgt Ion:146 Resp: 1845268
Ion Ratio Lower Upper
146 100
111 35.8 25.0 75.0
148 64.4 32.6 97.7

Manual Integrations
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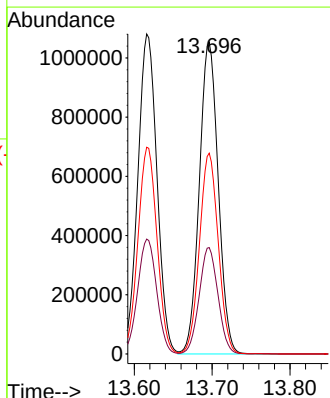
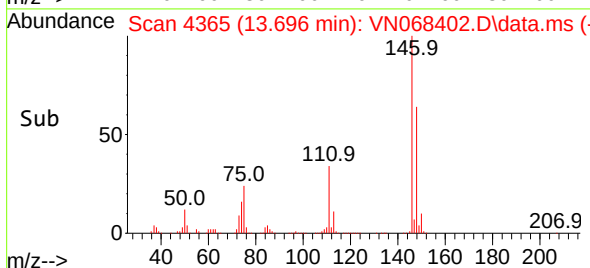
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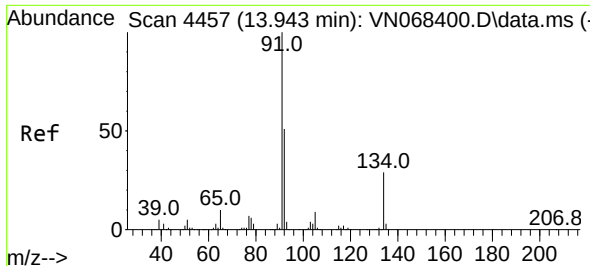


#84
1,4-Dichlorobenzene
Concen: 110.321 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



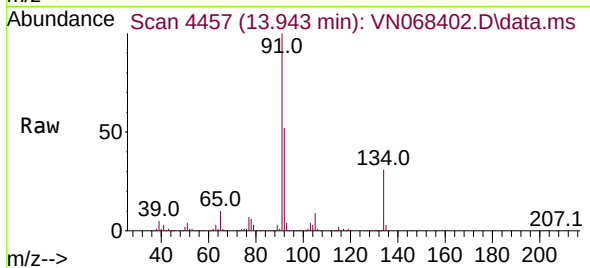
Tgt Ion:146 Resp: 1781916
Ion Ratio Lower Upper
146 100
111 34.0 23.6 71.0
148 64.2 31.8 95.3





#85
n-Butylbenzene
Concen: 100.689 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

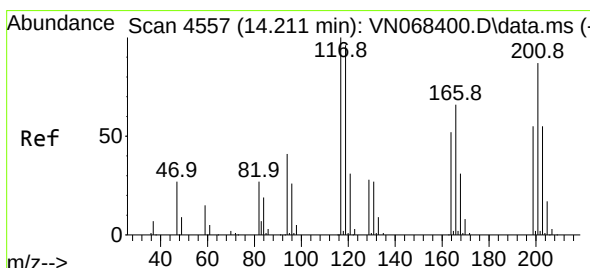
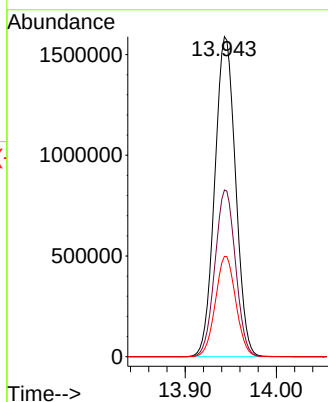
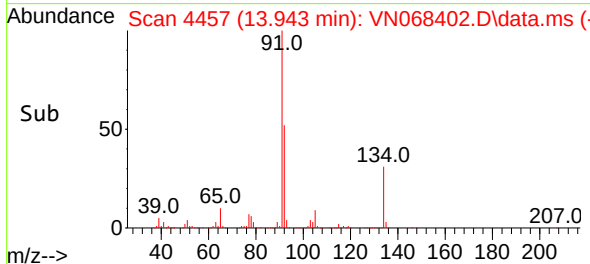
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



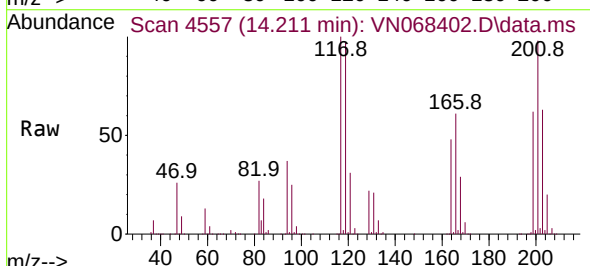
Tgt Ion: 91 Resp: 2517075
Ion Ratio Lower Upper
91 100
92 51.8 0.0 103.0
134 30.9 0.0 43.6

Manual Integrations
APPROVED

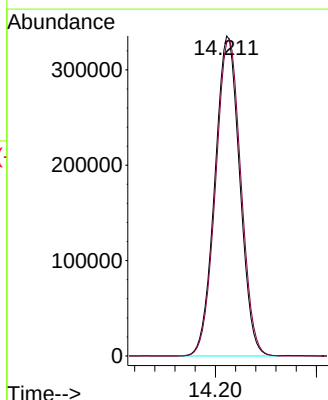
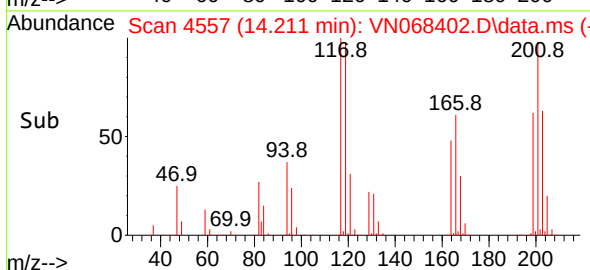
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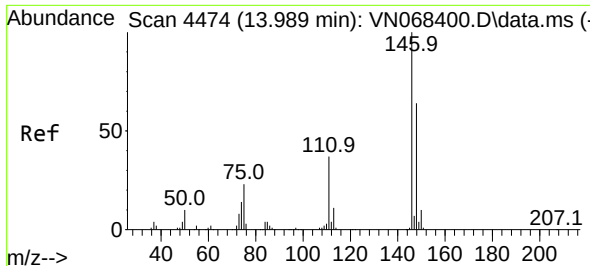


#86
Hexachloroethane
Concen: 107.136 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



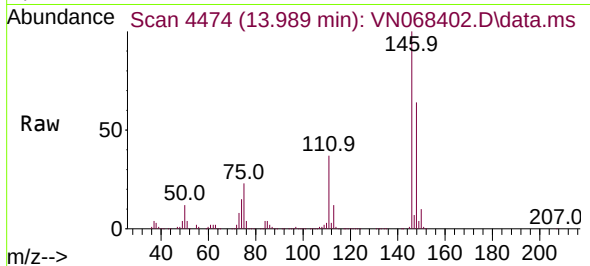
Tgt Ion: 117 Resp: 574247
Ion Ratio Lower Upper
117 100
201 100.5 33.3 99.9#





#87
1,2-Dichlorobenzene
Concen: 110.020 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

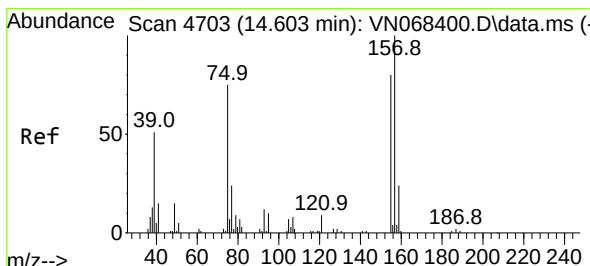
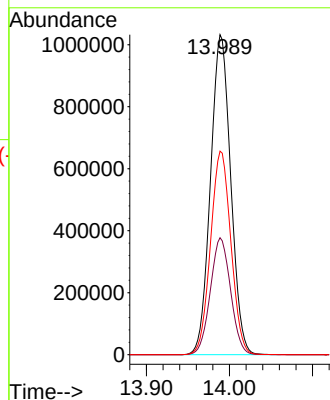
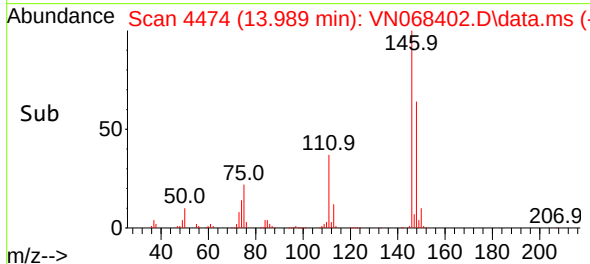
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



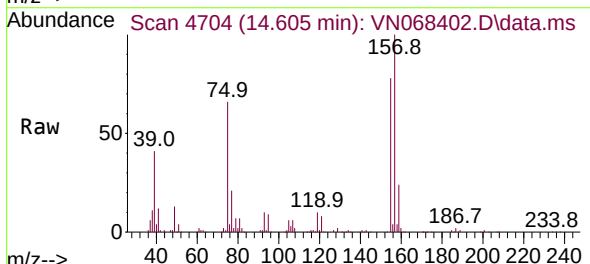
Tgt Ion:146 Resp: 1743131
Ion Ratio Lower Upper
146 100
111 36.6 25.0 75.0
148 64.1 32.0 96.0

Manual Integrations
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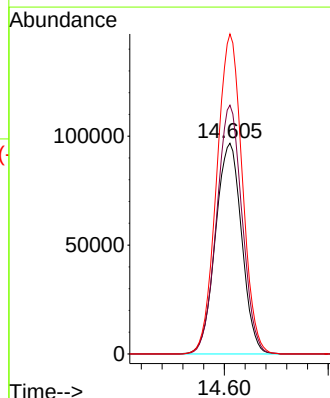
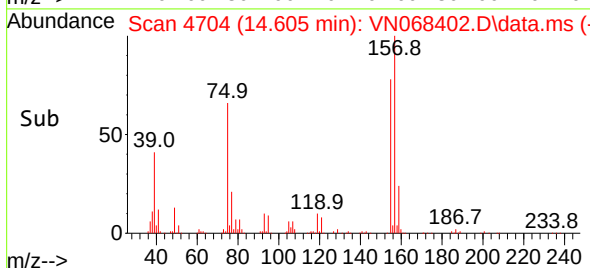
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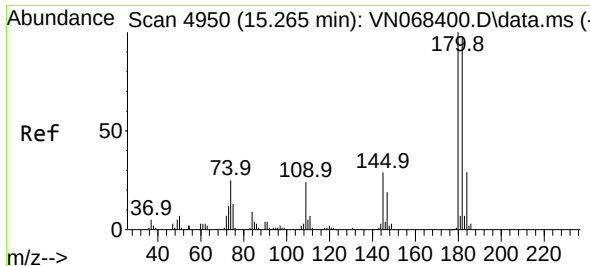


#88
1,2-Dibromo-3-Chloropropane
Concen: 89.885 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



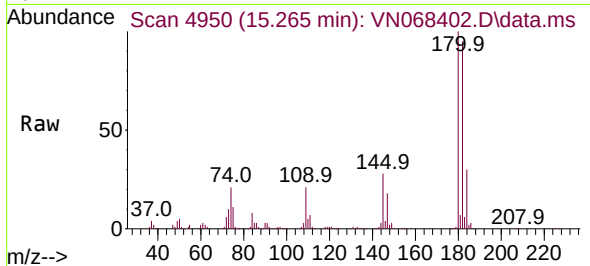
Tgt Ion: 75 Resp: 169599
Ion Ratio Lower Upper
75 100
155 115.0 45.3 67.9#
157 148.2 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 133.108 ug/l m
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

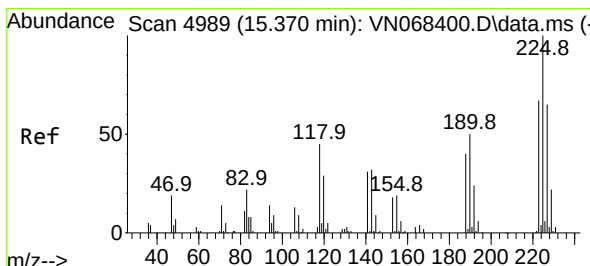
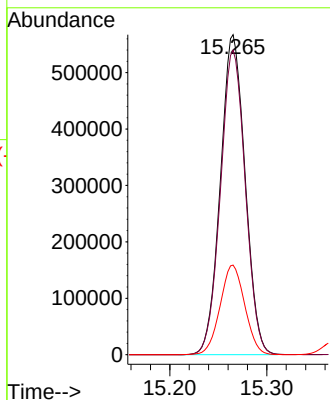
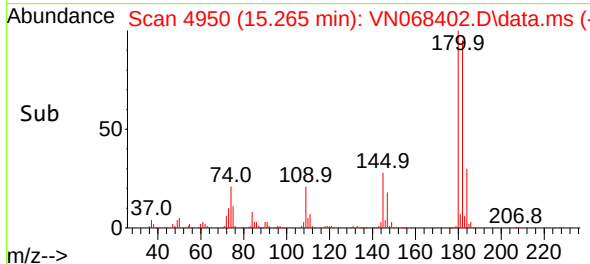
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



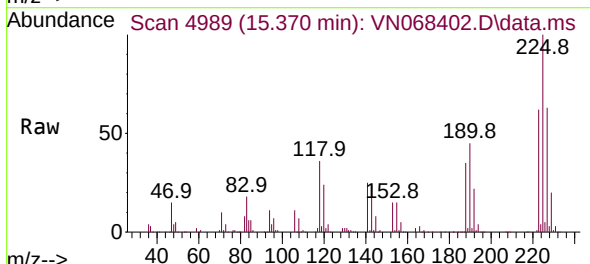
Tgt Ion:180 Resp: 1003076
Ion Ratio Lower Upper
180 100
182 88.6 75.9 113.9
145 27.7 28.8 43.2#

Manual Integrations
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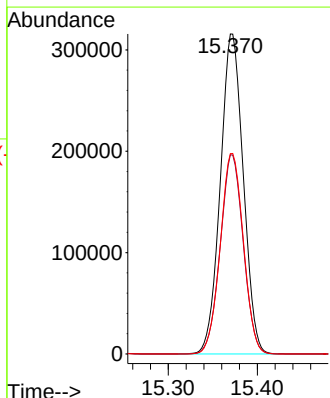
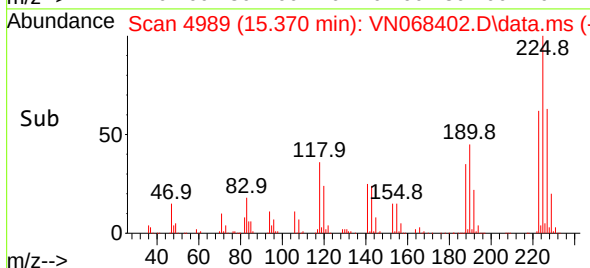
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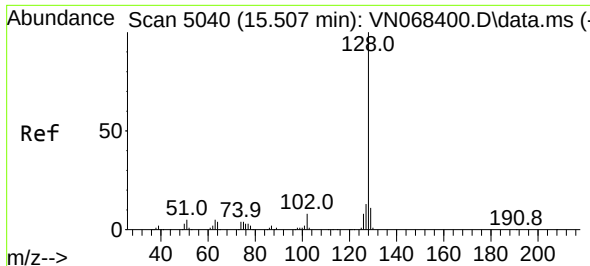


#90
Hexachlorobutadiene
Concen: 150.475 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11



Tgt Ion:225 Resp: 565768
Ion Ratio Lower Upper
225 100
223 62.3 0.0 129.6
227 63.1 0.0 131.2





#91
Naphthalene
Concen: 109.313 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

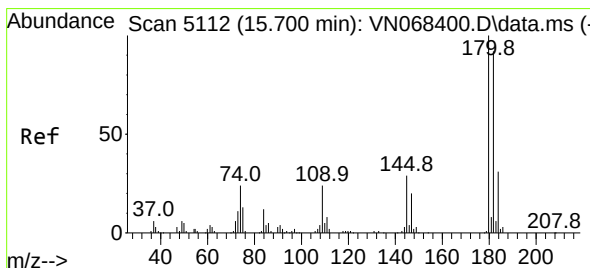
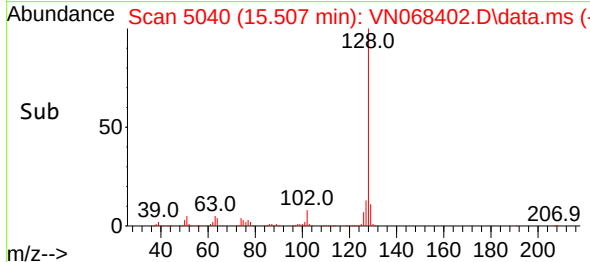
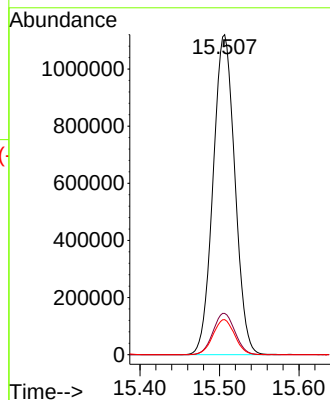
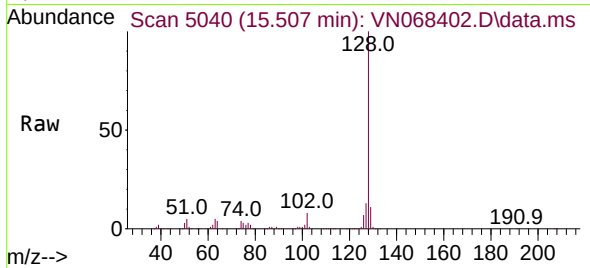
Tgt Ion:128 Resp: 2129597

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.9	13.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 130.127 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.000 min
Lab File: VN068402.D
Acq: 3 Sep 2021 12:11

Tgt Ion:180 Resp: 929866

Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	184.6
145	29.9	0.0	76.0

