

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068401.D
 Acq On : 3 Sep 2021 11:49
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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Quant Time: Sep 03 13:03:17 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	118094	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	616475	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	571774	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	209268	23.752	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	79.167%#
60) 4-Bromofluorobenzene	12.733	95	244966	27.216	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.733%
63) Toluene-d8	10.443	98	757213	28.995	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.078	85	292535	46.928	ug/l	97
3) Chloromethane	2.309	50	261406	36.104	ug/l	98
4) Vinyl Chloride	2.451	62	398142	35.877	ug/l	95
5) Bromomethane	2.842	94	340915	36.133	ug/l	94
6) Chloroethane	3.014	64	278453	34.602	ug/l	90
7) Trichlorofluoromethane	3.379	101	509830	25.853	ug/l	97
8) Diethyl Ether	3.829	74	160341	40.133	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.218	101	290410	45.035	ug/l	83
10) 1,1-Dichloroethene	4.191	96	271747	45.039	ug/l	# 78
11) Methyl Iodide	4.433	142	458099	56.098	ug/l	86
12) Methyl Acetate	4.859	43	268257	34.987	ug/l	# 81
13) Acrolein	4.049	56	121279	140.152	ug/l	100
14) Acrylonitrile	5.559	53	573033	174.834	ug/l	98
15) Acetone	4.291	58	167449	181.234	ug/l	72
16) Carbon Disulfide	4.540	76	716633	44.756	ug/l	98
17) Allyl chloride	4.848	41	351923	36.267	ug/l	90
18) Methylene Chloride	5.103	84	294409	38.891	ug/l	# 82
19) trans-1,2-Dichloroethene	5.605	96	308778	44.218	ug/l	# 76
20) Diisopropyl ether	6.498	45	776106	34.333	ug/l	# 91
21) 1,1-Dichloroethane	6.393	63	496627	38.826	ug/l	94
22) cis-1,2-Dichloroethene	7.329	96	365823	43.698	ug/l	# 78
23) tert-Butyl Alcohol	5.371	59	210020	164.622	ug/l	# 100
24) Methyl tert-Butyl Ether	5.621	73	914613	39.416	ug/l	# 87
25) Chloroform	7.823	83	583498	40.856	ug/l	98
26) Cyclohexane	8.099	56	448480	39.864	ug/l	# 76
29) 1,1-Dichloropropene	8.225	75	424654	43.838	ug/l	91
30) 2-Butanone	7.335	43	748794	171.625	ug/l	# 87
31) 2,2-Dichloropropane	7.329	77	468822	41.985	ug/l	92
32) 1,1,1-Trichloroethane	8.018	97	554341	45.785	ug/l	92
33) Carbon Tetrachloride	8.209	117	520282	49.628	ug/l	94
34) Benzene	8.464	78	1261202	43.452	ug/l	# 90
35) Methacrylonitrile	7.638	41	146030	32.797	ug/l	84
36) 1,2-Dichloroethane	8.533	62	412041	39.603	ug/l	# 92
37) Trichloroethene	9.220	130	397398	50.269	ug/l	# 74
38) Methylcyclohexane	9.464	83	563562	50.270	ug/l	84
39) 1,2-Dichloropropane	9.494	63	299247	41.447	ug/l	99
40) Dibromomethane	9.579	93	234123	43.427	ug/l	72
41) Bromodichloromethane	9.764	83	458843	43.942	ug/l	# 99
42) Vinyl Acetate	6.436	43	2892388m	165.186	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	310131	34.105	ug/l #	69
44) Isopropyl Acetate	8.563	43	544427	34.738	ug/l #	89
45) 1,4-Dioxane	9.571	88	102338	827.472	ug/l	86
46) Methyl methacrylate	9.561	41	224539	32.687	ug/l	82
47) n-amyl Acetate	12.387	43	374397	29.329	ug/l #	90
48) t-1,3-Dichloropropene	10.719	75	453236	40.301	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	503377	42.459	ug/l #	83
50) 1,1,2-Trichloroethane	10.899	97	332128	43.651	ug/l	95
51) Ethyl methacrylate	10.762	69	437298	38.057	ug/l	80
52) 1,3-Dichloropropane	11.046	76	508565	41.195	ug/l	99
53) Dibromochloromethane	11.240	129	414611	49.651	ug/l	100
54) 1,2-Dibromoethane	11.347	107	352426	44.594	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	191297	87.788	ug/l #	91
56) Bromoform	12.460	173	324493	54.163	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	1589590	169.749	ug/l #	87
59) 2-Hexanone	11.087	43	1080718	163.607	ug/l #	87
61) Tetrachloroethene	10.979	164	424381	55.422	ug/l	88
62) Toluene	10.507	91	1495404	44.279	ug/l	100
64) Chlorobenzene	11.773	112	957500	46.413	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	393515	49.903	ug/l	98
66) Ethyl Benzene	11.846	91	1621941	43.561	ug/l	91
67) m/p-Xylenes	11.956	106	1334178	92.207	ug/l	78
68) o-Xylene	12.283	106	653526	45.872	ug/l	76
69) Styrene	12.296	104	1033308	44.672	ug/l #	90
70) Isopropylbenzene	12.581	105	1677896	45.680	ug/l	93
71) 1,1,2,2-Tetrachloroethane	12.827	83	425901	41.565	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	351180m	40.813	ug/l	
73) Bromobenzene	12.862	156	463709	52.752	ug/l	49
74) n-propylbenzene	12.921	91	1821127	44.093	ug/l	87
75) 2-Chlorotoluene	13.010	91	1066685	43.028	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	1394232	45.786	ug/l	90
77) t-1,4-Dichloro-2-butene	12.626	75	107075	36.842	ug/l	86
78) 4-Chlorotoluene	13.106	91	1037154	42.512	ug/l	81
79) tert-butylbenzene	13.326	119	1284498	49.127	ug/l	80
80) 1,2,4-Trimethylbenzene	13.369	105	1361567m	45.579	ug/l	
81) sec-Butylbenzene	13.503	105	1713948	47.749	ug/l	89
82) p-Isopropyltoluene	13.616	119	1495928	49.424	ug/l	89
83) 1,3-Dichlorobenzene	13.616	146	828605	50.964	ug/l	90
84) 1,4-Dichlorobenzene	13.696	146	792947	50.627	ug/l	91
85) n-Butylbenzene	13.946	91	1080968	44.593	ug/l	94
86) Hexachloroethane	14.211	117	249695	48.041	ug/l	61
87) 1,2-Dichlorobenzene	13.989	146	787904	51.284	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.603	75	72893	39.840	ug/l #	21
89) 1,2,4-Trichlorobenzene	15.265	180	420883m	57.597	ug/l	
90) Hexachlorobutadiene	15.370	225	258582	70.924	ug/l	98
91) Naphthalene	15.507	128	845254	44.744	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	389399	56.197	ug/l	94

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

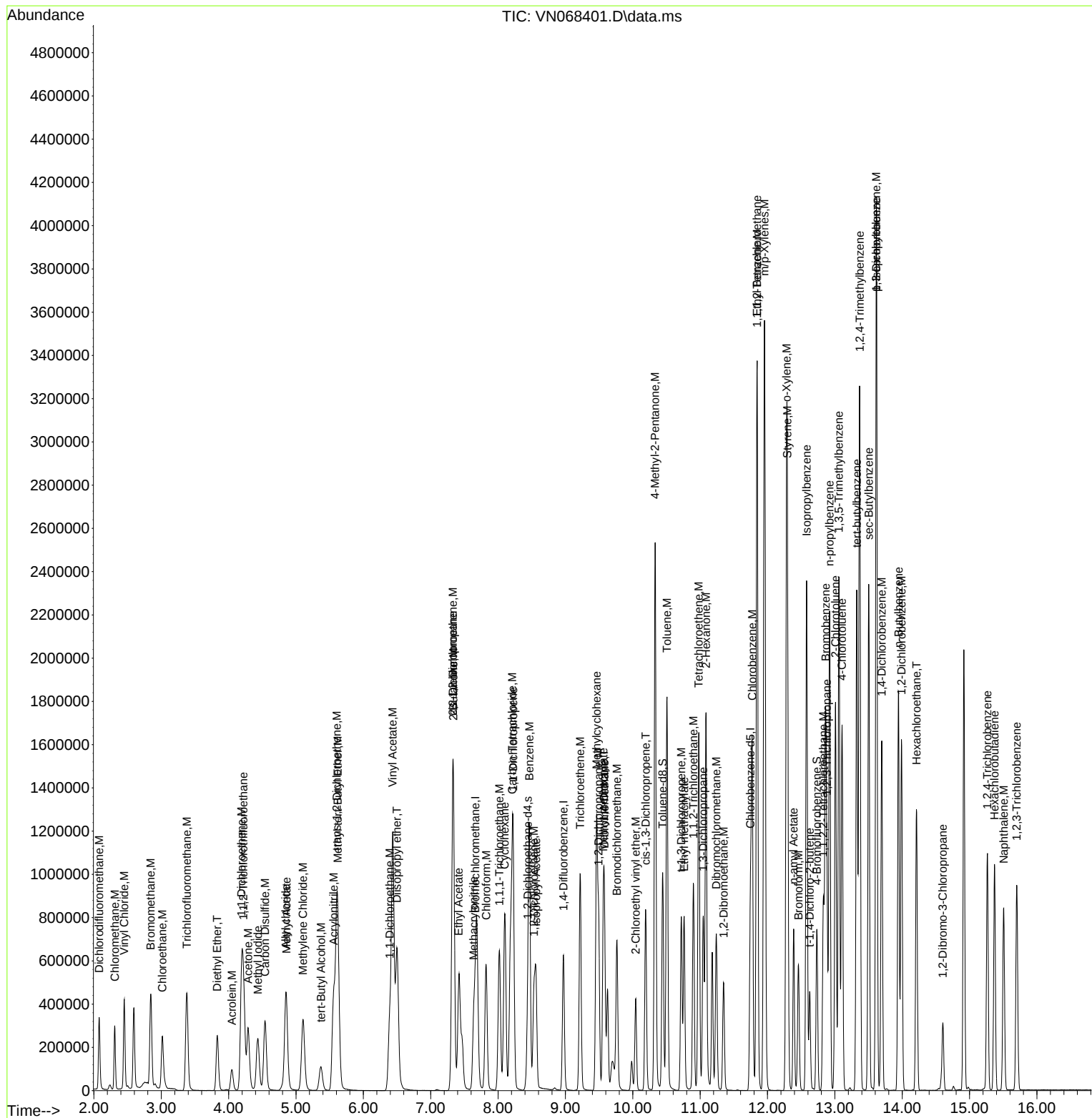
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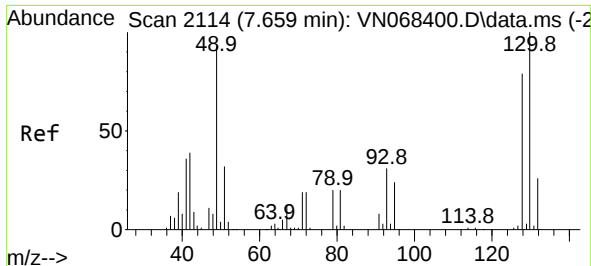
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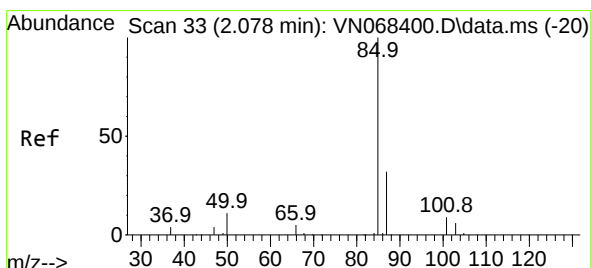
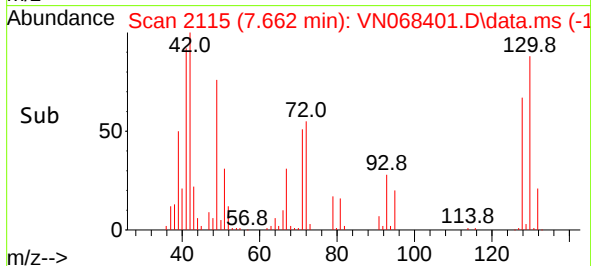
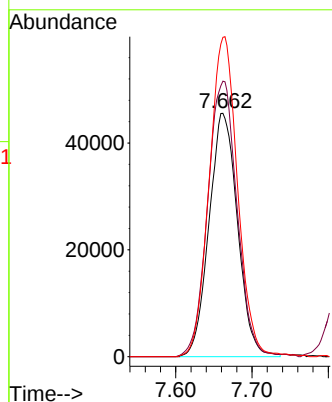
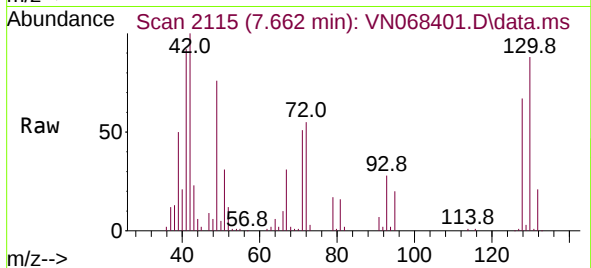
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:128 Resp: 118094
Ion Ratio Lower Upper
128 100
49 116.9 0.0 517.5
130 130.4 0.0 325.8

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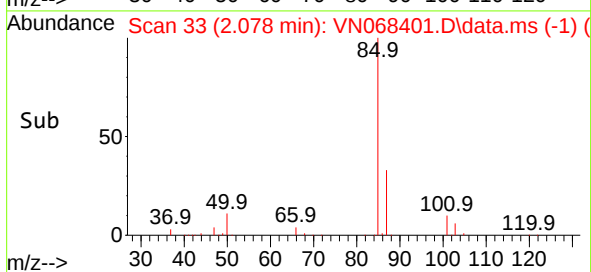
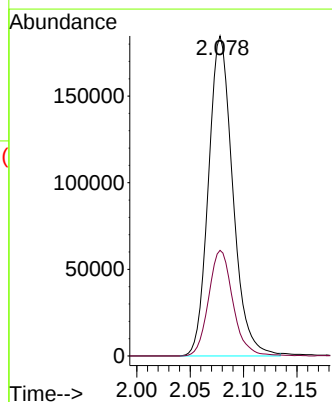
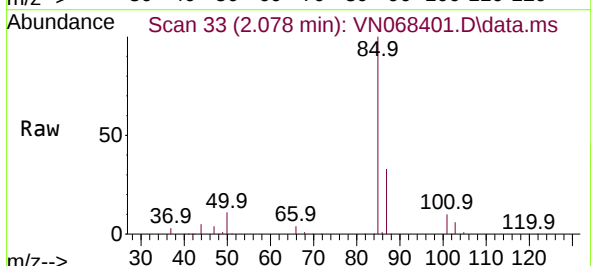
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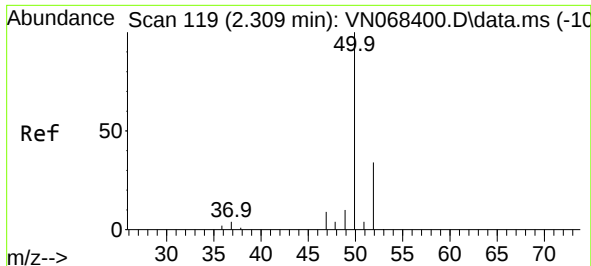
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#2
Dichlorodifluoromethane
Concen: 46.928 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 85 Resp: 292535
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





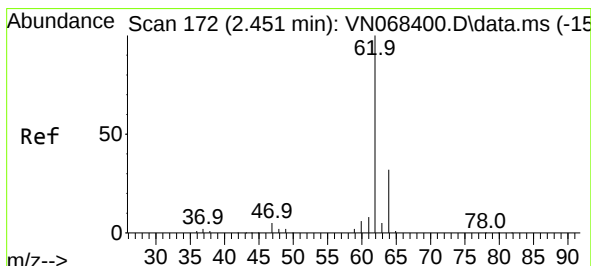
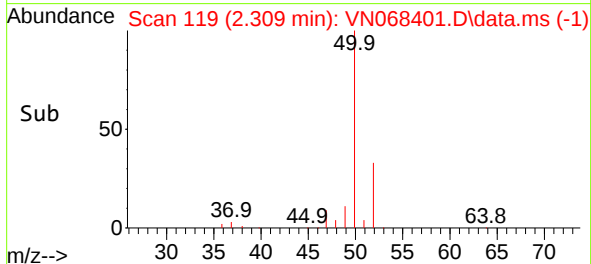
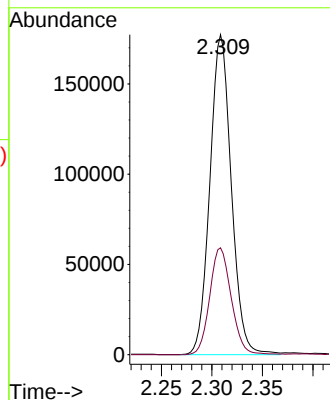
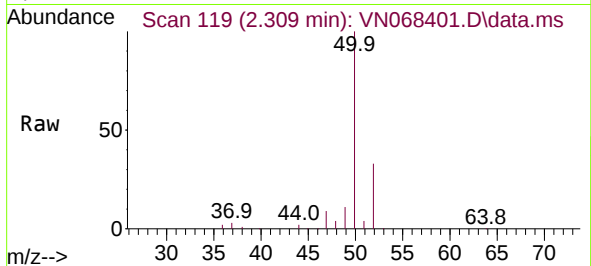
#3
Chloromethane
Concen: 36.104 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 50 Resp: 261406
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

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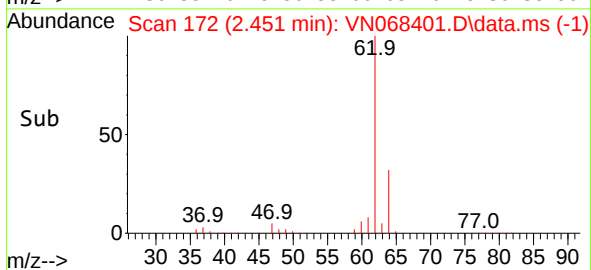
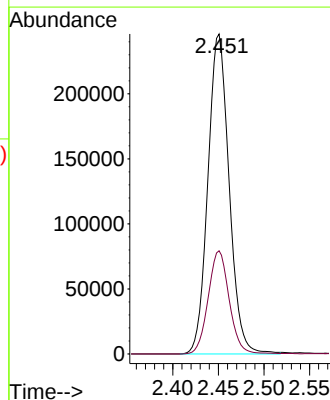
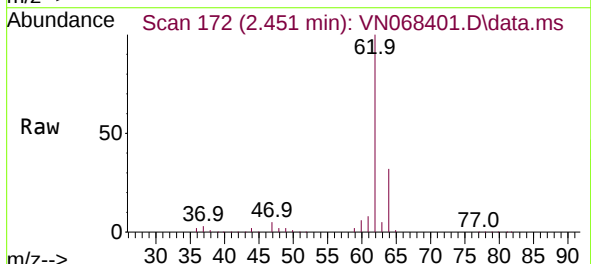
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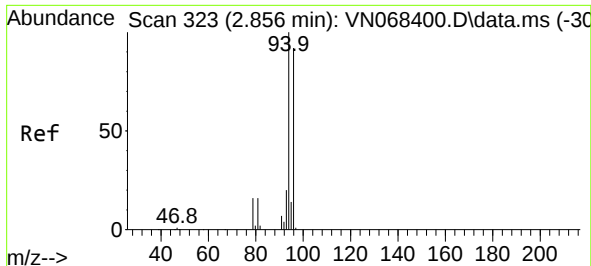
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#4
Vinyl Chloride
Concen: 35.877 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

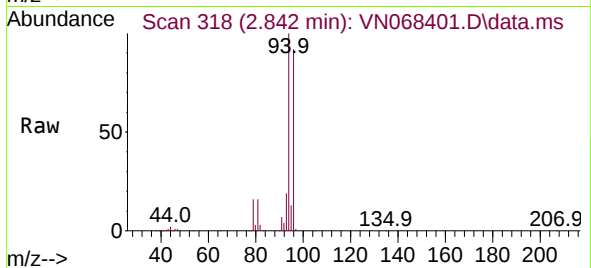
Tgt Ion: 62 Resp: 398142
Ion Ratio Lower Upper
62 100
64 32.3 23.7 35.5





#5
Bromomethane
Concen: 36.133 ug/l
RT: 2.842 min Scan# 318
Delta R.T. -0.013 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

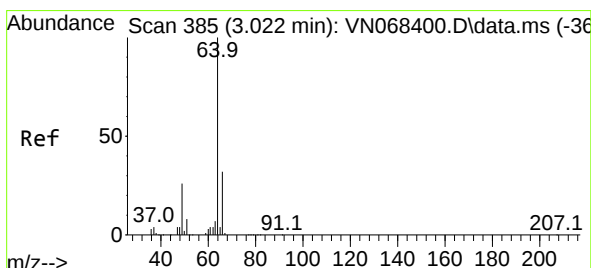
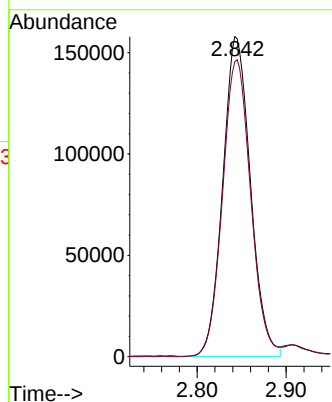
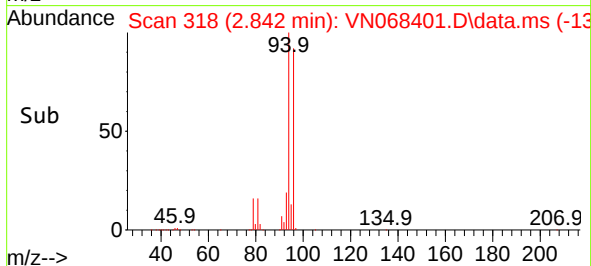
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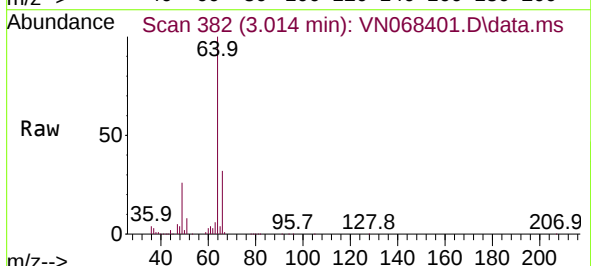
Tgt Ion: 94 Resp: 340915
Ion Ratio Lower Upper
94 100
96 92.2 69.4 104.2

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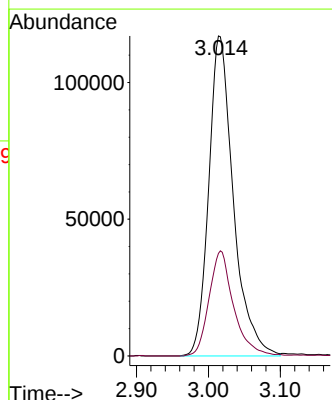
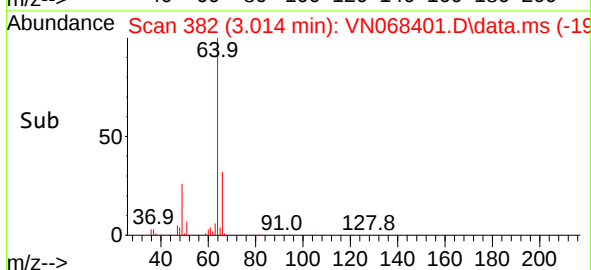
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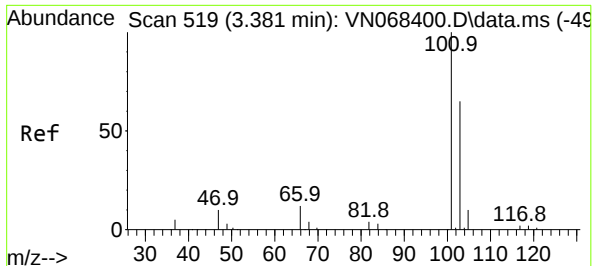


#6
Chloroethane
Concen: 34.602 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.008 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



Tgt Ion: 64 Resp: 278453
Ion Ratio Lower Upper
64 100
66 32.0 21.5 32.3





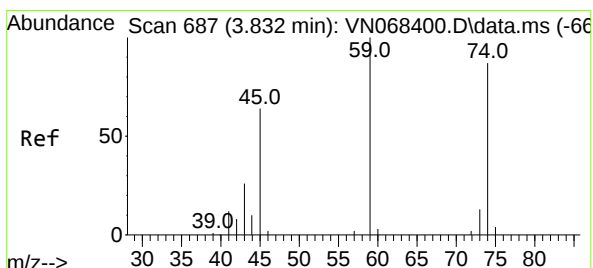
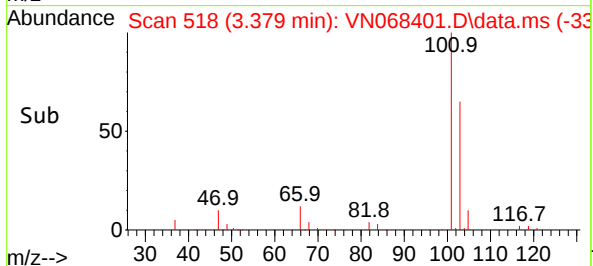
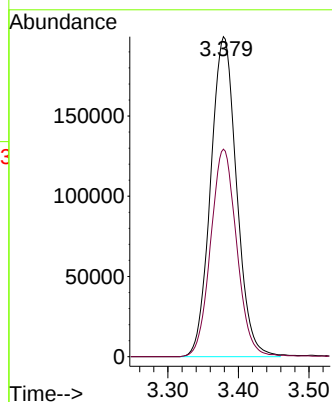
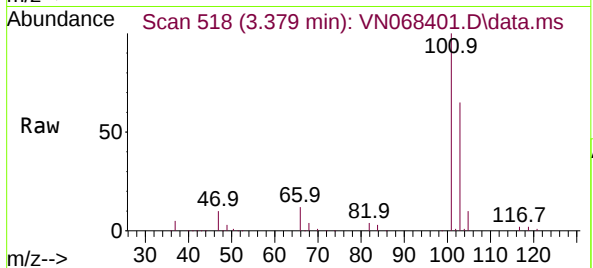
#7
Trichlorofluoromethane
Concen: 25.853 ug/l
RT: 3.379 min Scan# 518
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:101 Resp: 509830
Ion Ratio Lower Upper
101 100
103 64.9 53.7 80.5

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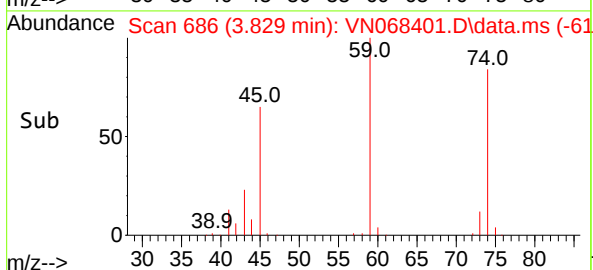
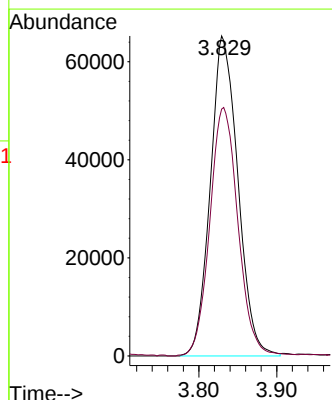
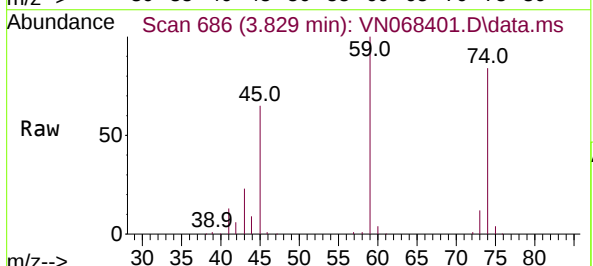
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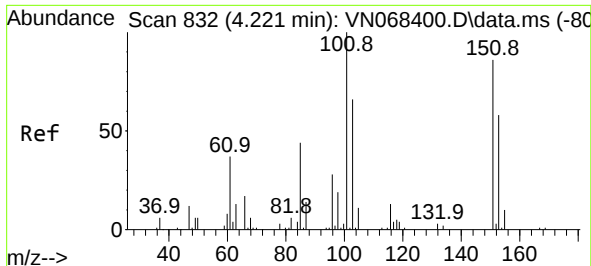
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#8
Diethyl Ether
Concen: 40.133 ug/l
RT: 3.829 min Scan# 686
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 74 Resp: 160341
Ion Ratio Lower Upper
74 100
45 78.4 20.3 182.5





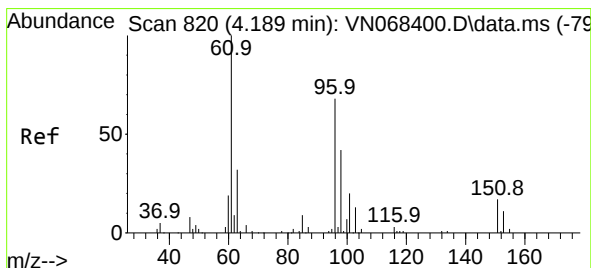
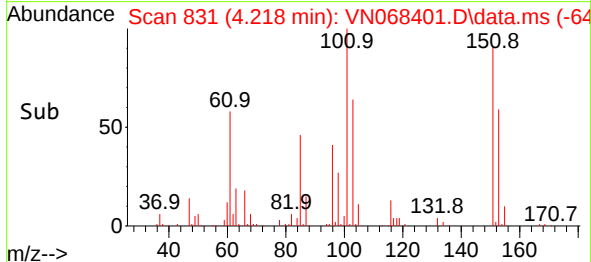
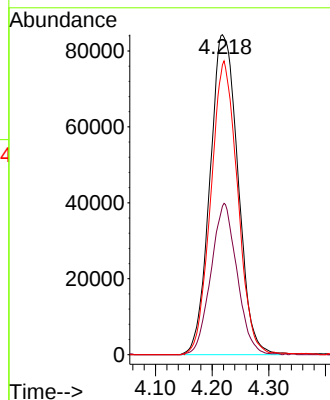
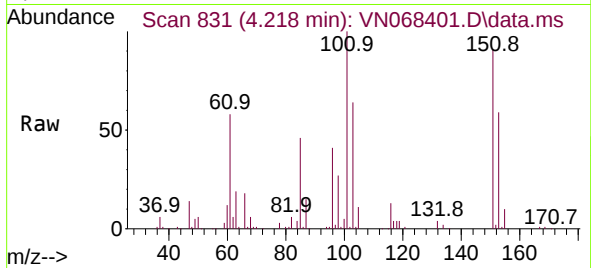
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.035 ug/l
RT: 4.218 min Scan# 831
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 101 Resp: 290410
Ion Ratio Lower Upper
101 100
85 43.9 0.0 97.8
151 87.1 0.0 135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

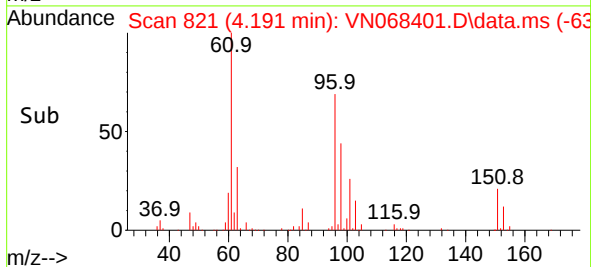
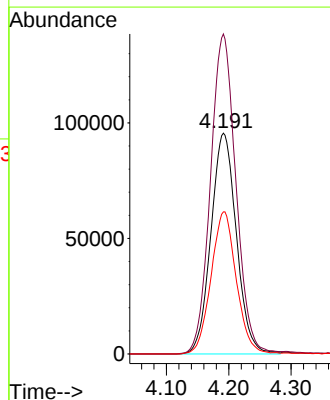
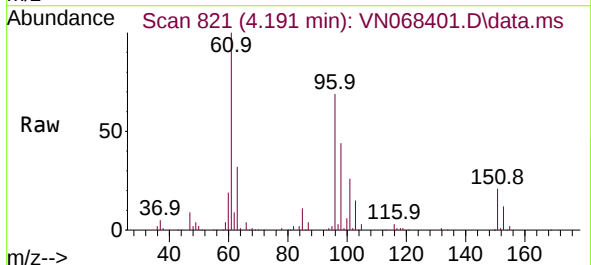
Manual Integrations
APPROVED

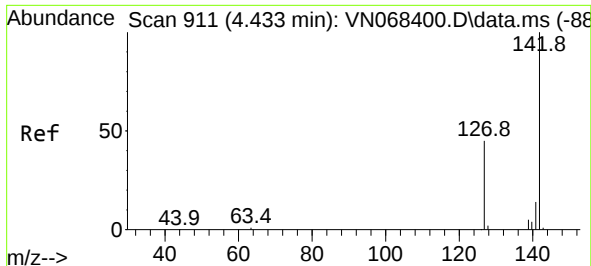
MMDadoda
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#10
1,1-Dichloroethene
Concen: 45.039 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

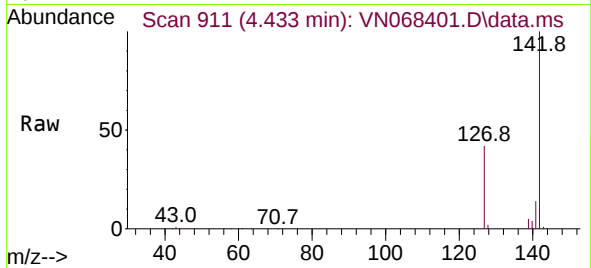
Tgt Ion: 96 Resp: 271747
Ion Ratio Lower Upper
96 100
61 144.7 148.3 222.5#
98 64.4 48.6 73.0





#11
Methyl Iodide
Concen: 56.098 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

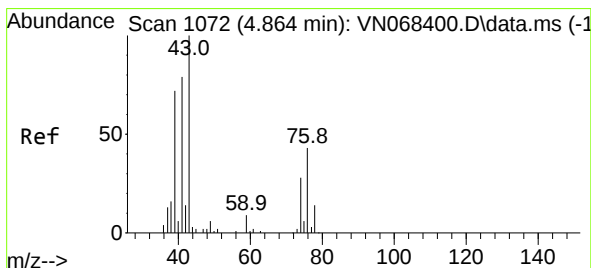
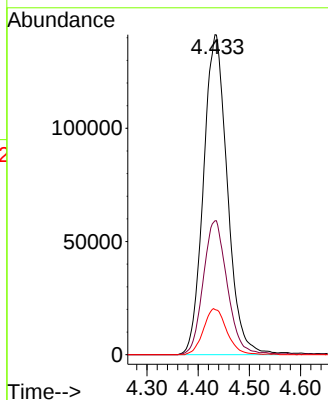
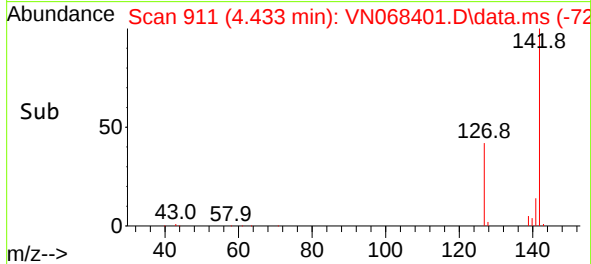
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



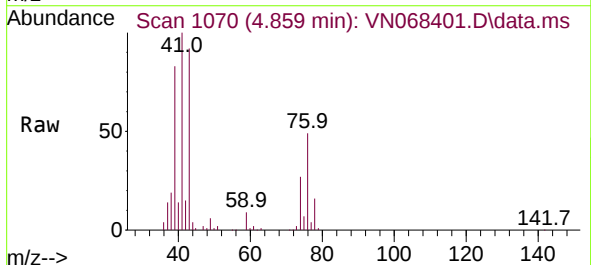
Tgt Ion:142 Resp: 458099
Ion Ratio Lower Upper
142 100
127 41.8 27.2 81.5
141 14.1 6.9 20.7

Manual Integrations
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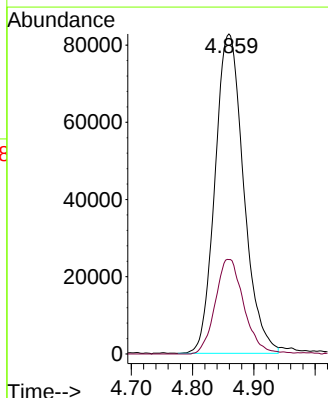
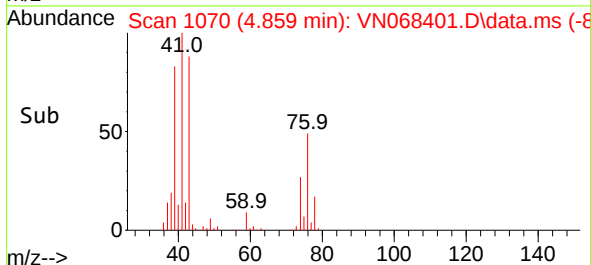
MMDadoda
9/7/2021 4:38:56 PM

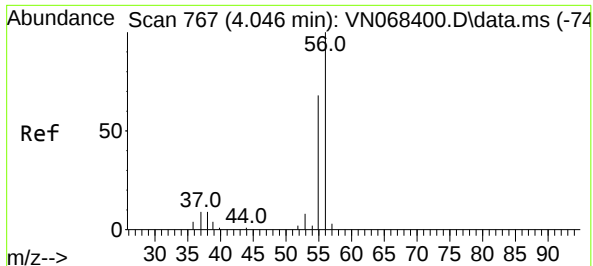


#12
Methyl Acetate
Concen: 34.987 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



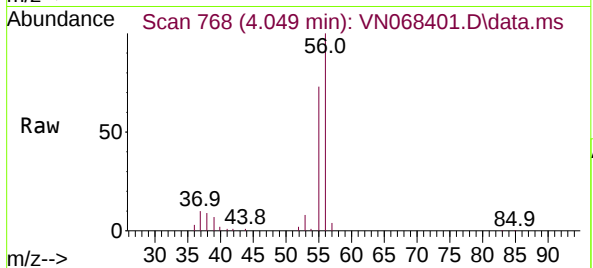
Tgt Ion: 43 Resp: 268257
Ion Ratio Lower Upper
43 100
74 29.5 16.6 25.0#





#13
Acrolein
Concen: 140.152 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

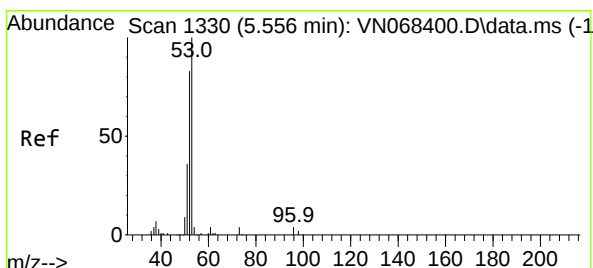
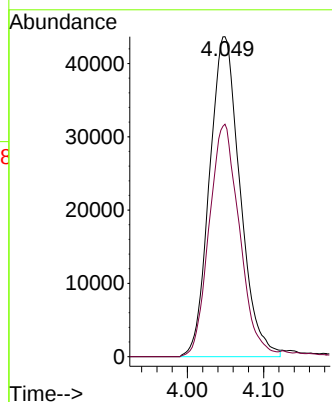
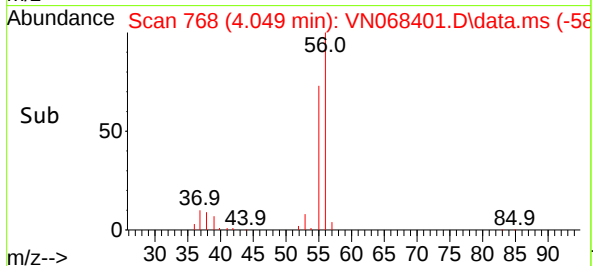
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



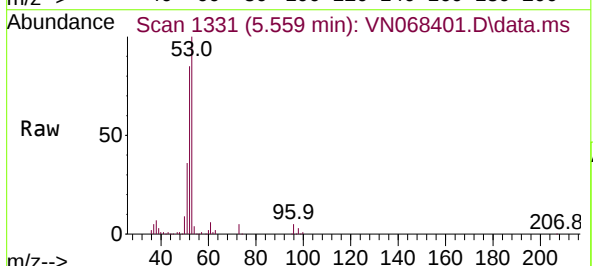
Tgt Ion: 56 Resp: 121279
Ion Ratio Lower Upper
56 100
55 72.1 57.5 86.3

Manual Integrations
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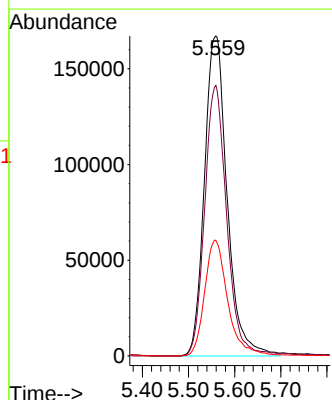
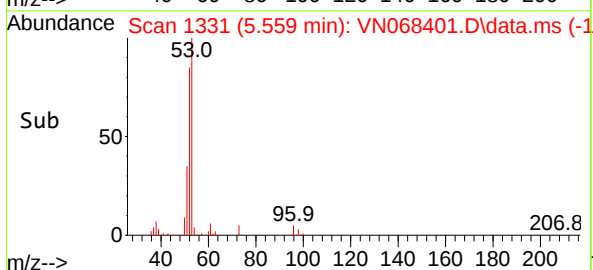
MMDadoda
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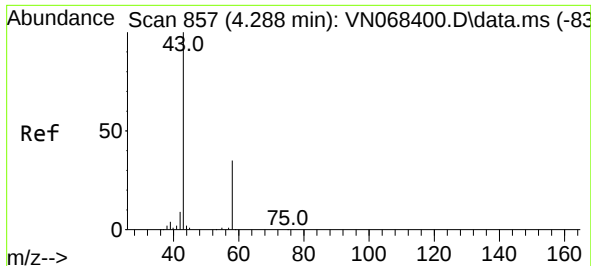


#14
Acrylonitrile
Concen: 174.834 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



Tgt Ion: 53 Resp: 573033
Ion Ratio Lower Upper
53 100
52 80.8 41.8 125.4
51 36.4 18.1 54.3





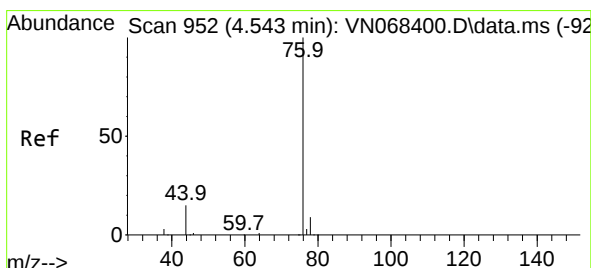
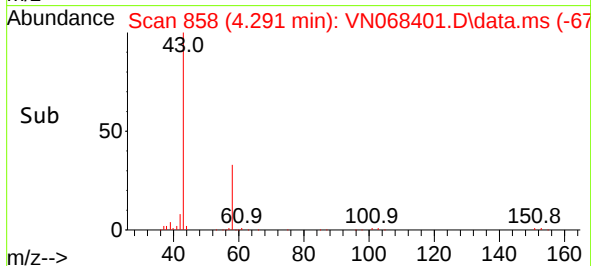
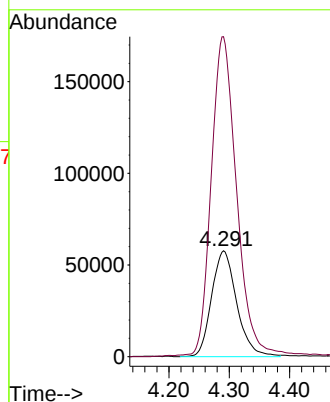
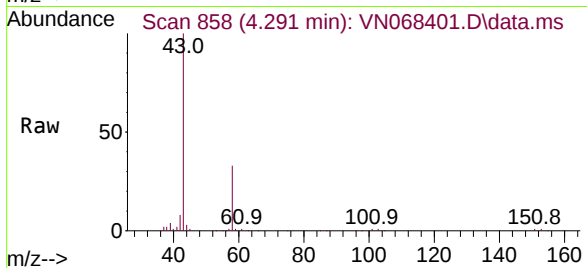
#15
Acetone
Concen: 181.234 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 58 Resp: 167449
Ion Ratio Lower Upper
58 100
43 300.3 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

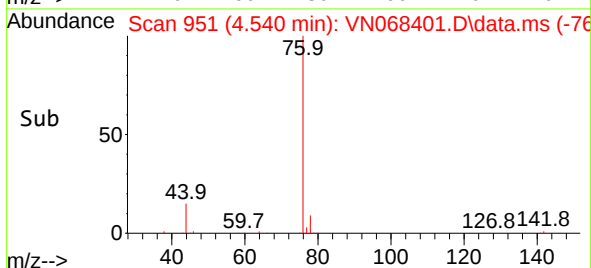
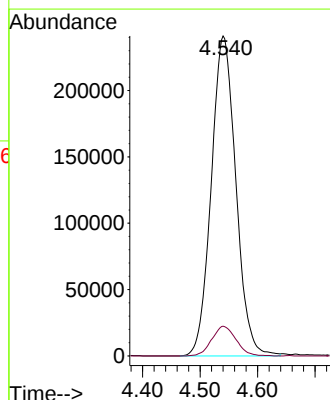
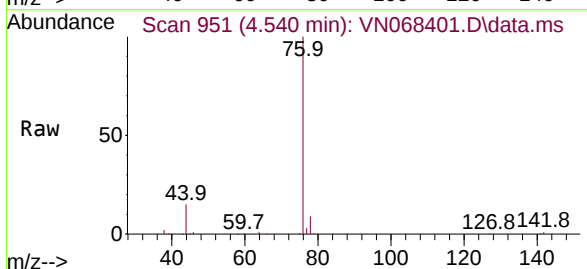
Manual Integrations
APPROVED

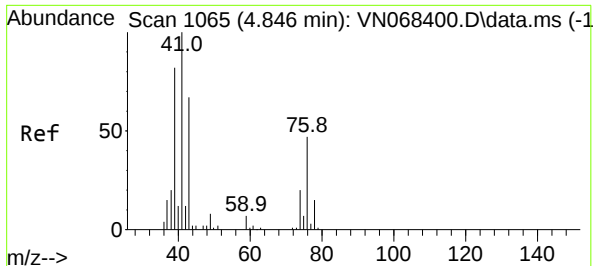
MMDadoda
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#16
Carbon Disulfide
Concen: 44.756 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

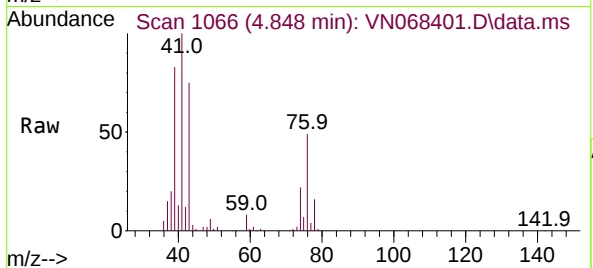
Tgt Ion: 76 Resp: 716633
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4





#17
Allyl chloride
Concen: 36.267 ug/l
RT: 4.848 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

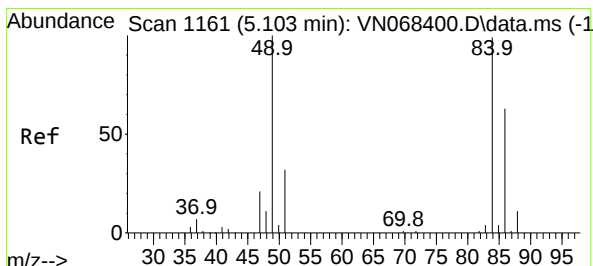
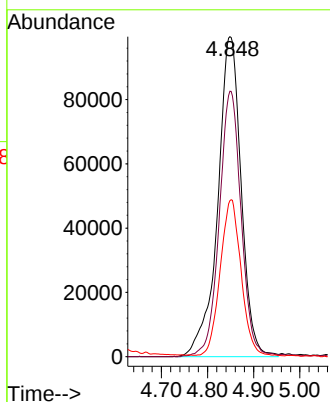
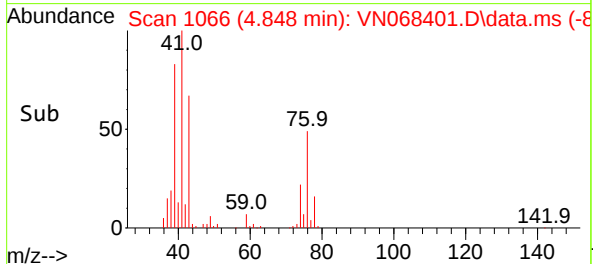
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



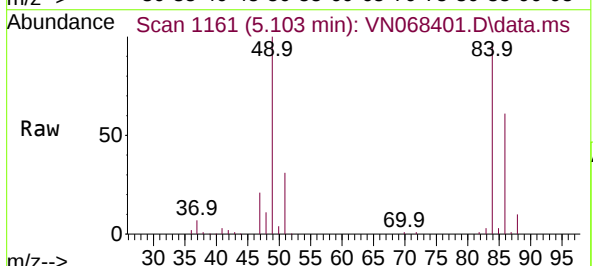
Tgt Ion: 41 Resp: 351923
Ion Ratio Lower Upper
41 100
39 83.0 39.8 119.4
76 48.4 16.8 50.4

Manual Integrations
APPROVED

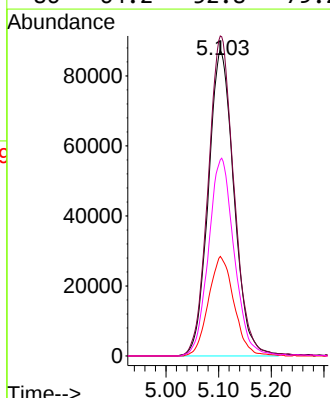
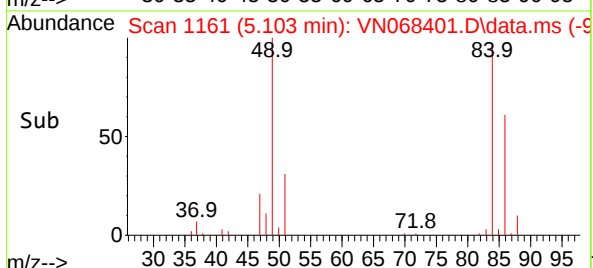
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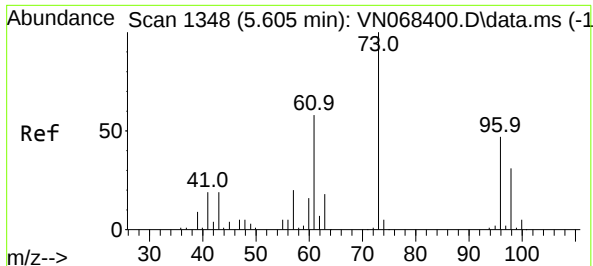


#18
Methylene Chloride
Concen: 38.891 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



Tgt Ion: 84 Resp: 294409
Ion Ratio Lower Upper
84 100
49 104.7 110.9 166.3#
51 32.6 31.2 46.8
86 64.2 52.8 79.2





#19

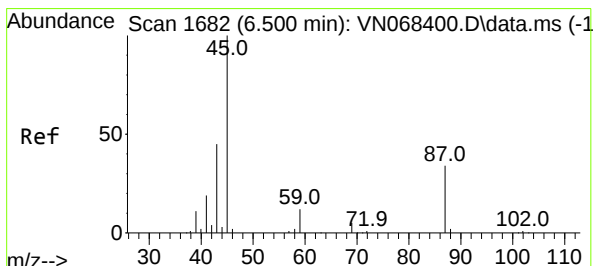
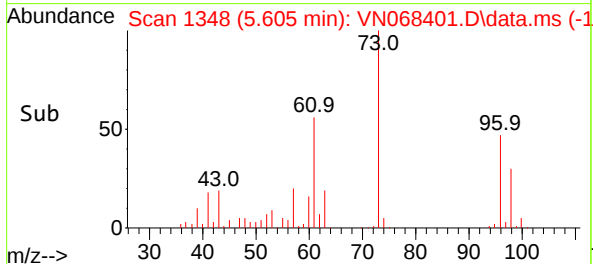
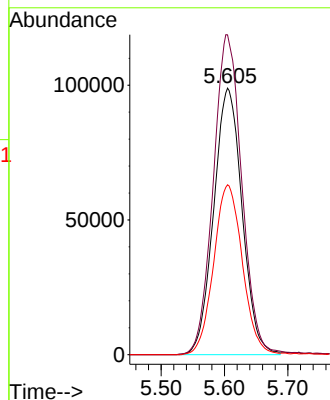
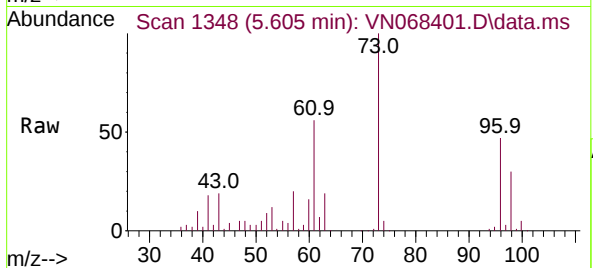
trans-1,2-Dichloroethene
Concen: 44.218 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 96 Resp: 308778
Ion Ratio Lower Upper
96 100
61 119.7 129.3 193.9#
98 63.7 48.0 72.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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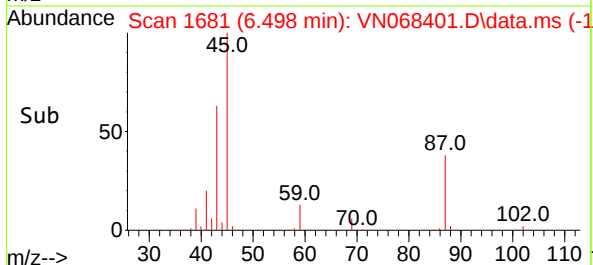
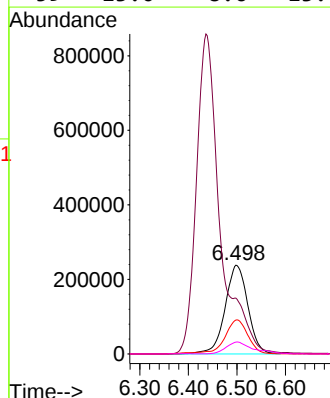
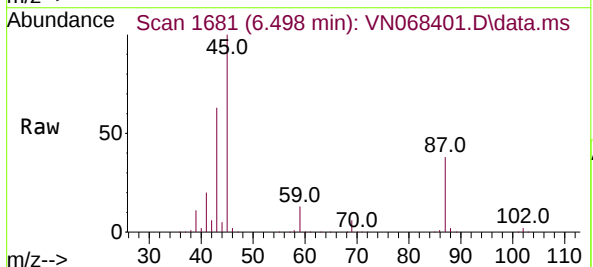
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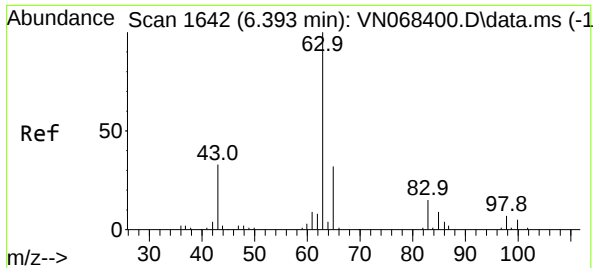


#20

Diisopropyl ether
Concen: 34.333 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 45 Resp: 776106
Ion Ratio Lower Upper
45 100
43 61.3 48.1 72.1
87 37.9 19.8 29.6#
59 13.0 8.6 13.0#





#21

1,1-Dichloroethane

Concen: 38.826 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.000 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

Tgt Ion:	63	Resp:	496627
Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.7	8.1
100	4.8	1.8	5.3

Instrument :

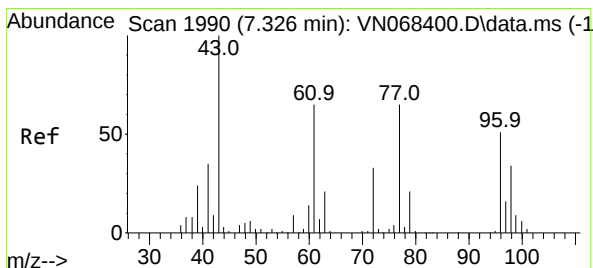
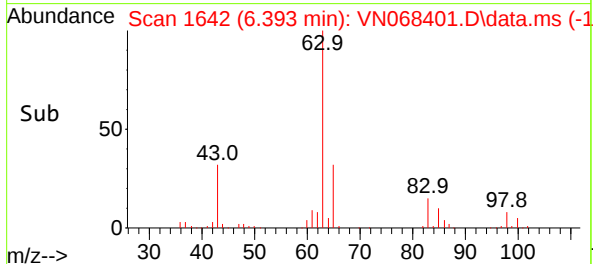
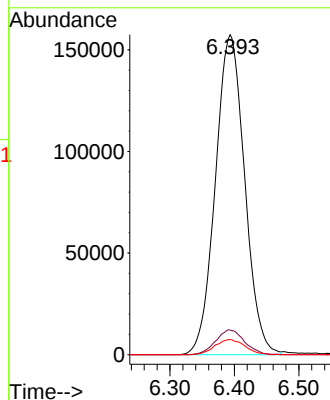
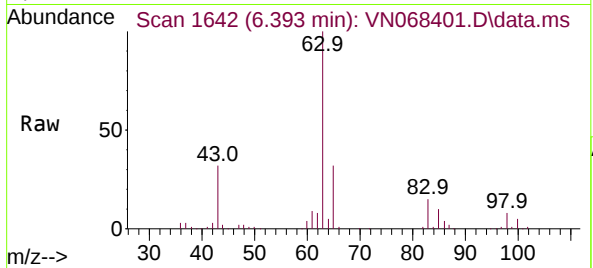
MSVOA_N

ClientSampleId :

VSTDIC050

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 43.698 ug/l

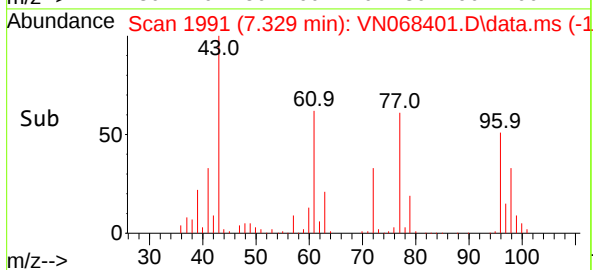
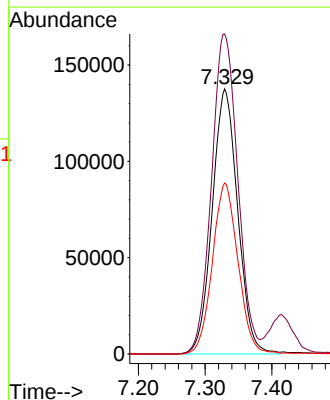
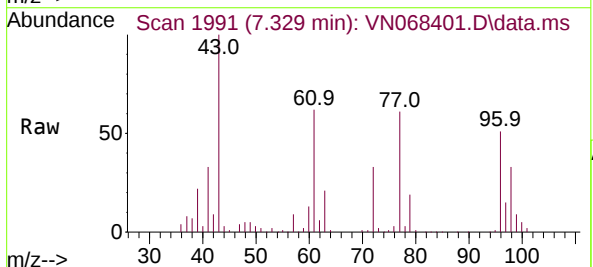
RT: 7.329 min Scan# 1991

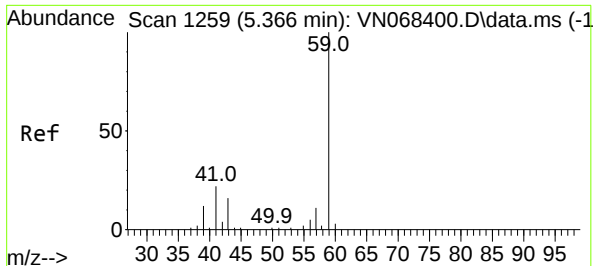
Delta R.T. 0.003 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

Tgt Ion:	96	Resp:	365823
Ion	Ratio	Lower	Upper
96	100		
61	124.4	131.2	196.8#
98	64.3	50.7	76.1





#23

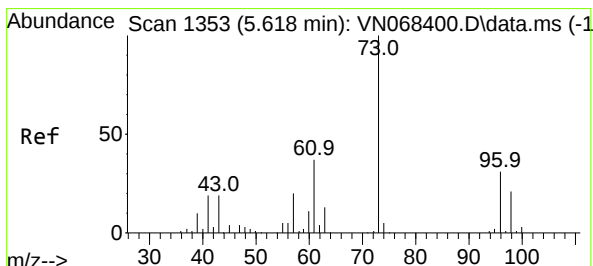
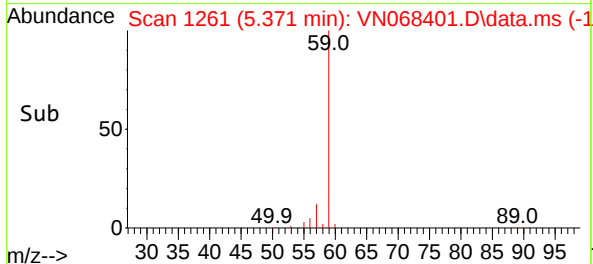
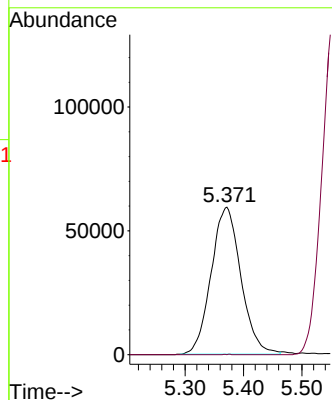
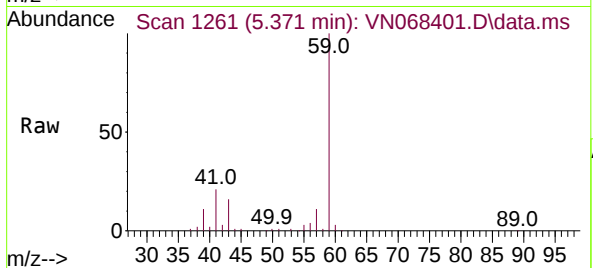
tert-Butyl Alcohol
Concen: 164.622 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. 0.005 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 59 Resp: 210020
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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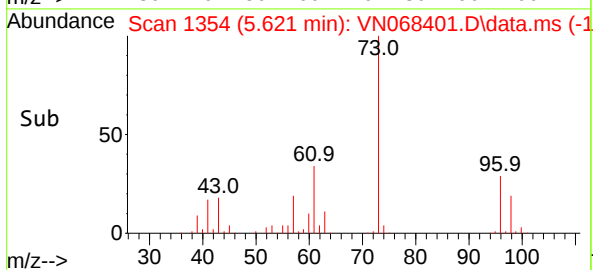
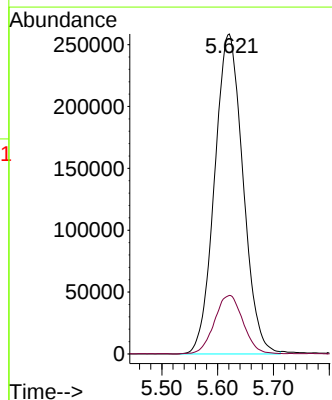
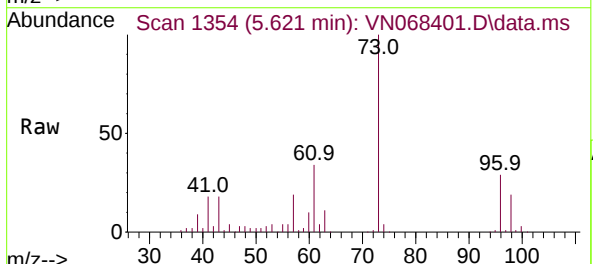
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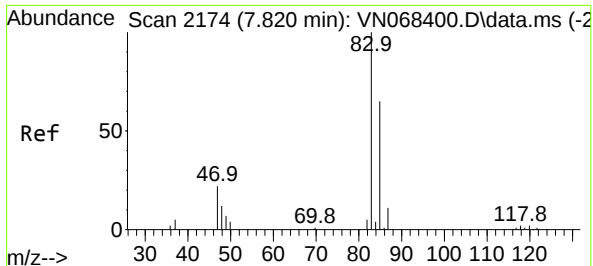


#24

Methyl tert-Butyl Ether
Concen: 39.416 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 73 Resp: 914613
Ion Ratio Lower Upper
73 100
43 18.5 20.0 30.0#





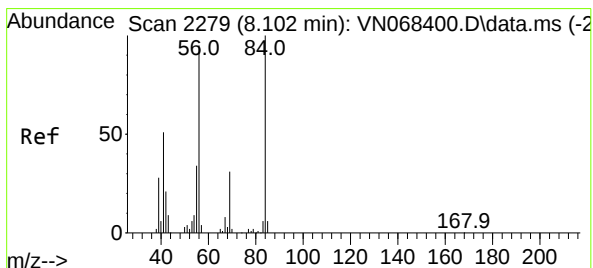
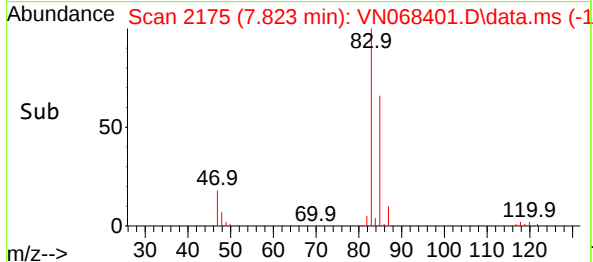
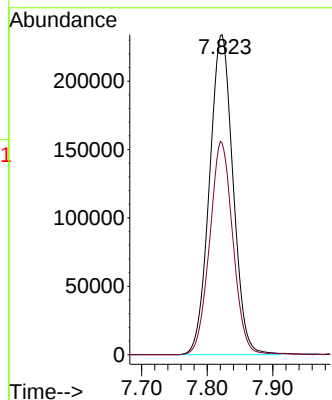
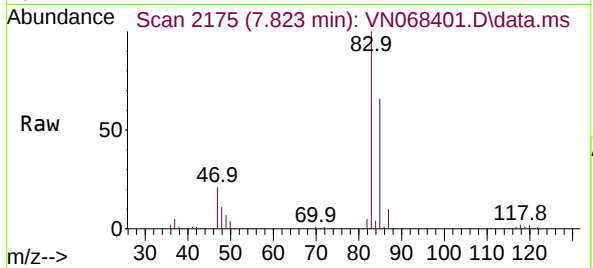
#25
Chloroform
Concen: 40.856 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 583498
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3

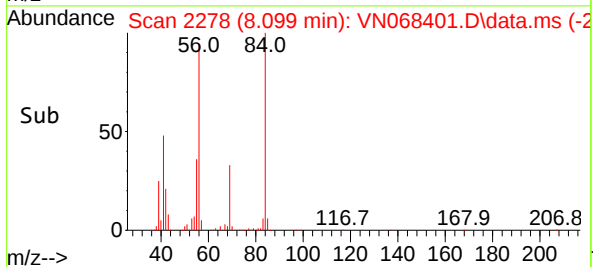
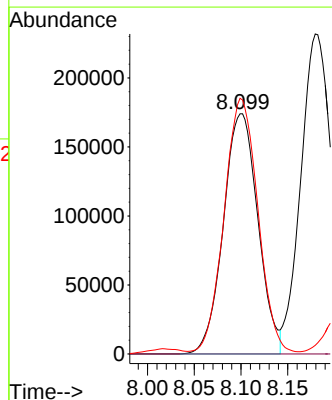
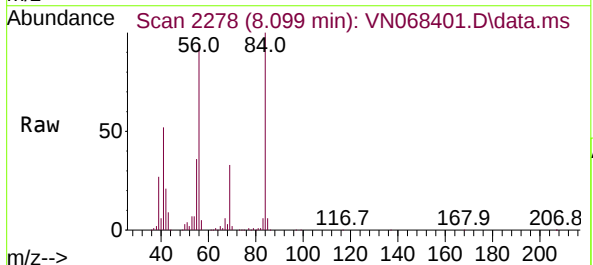
Manual Integrations
APPROVED

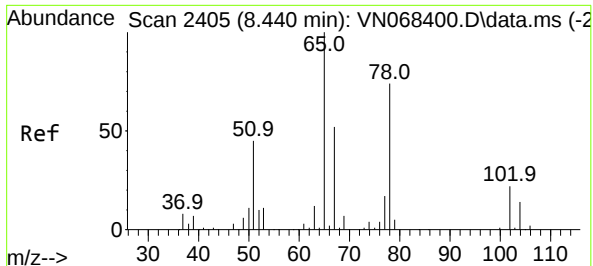
MMDadoda
9/7/2021 4:38:56 PM



#26
Cyclohexane
Concen: 39.864 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 56 Resp: 448480
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.6 66.2 99.2#





#27

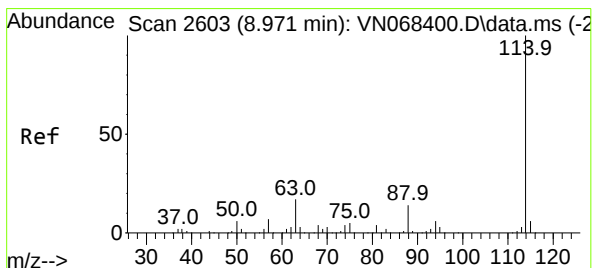
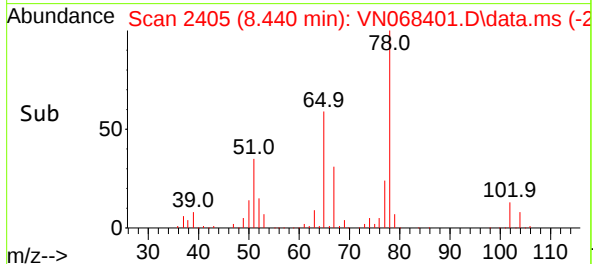
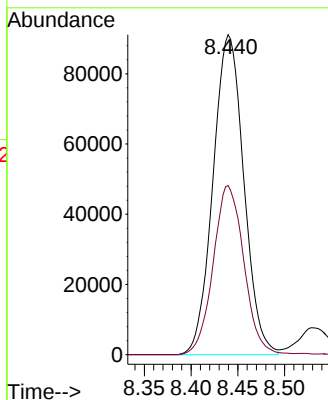
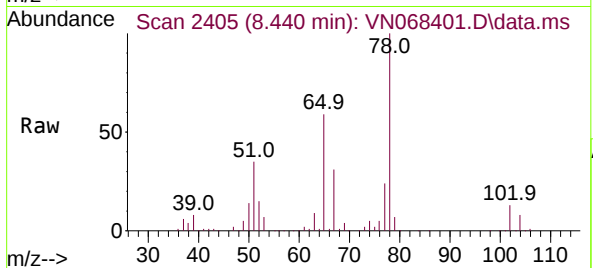
1,2-Dichloroethane-d4
Concen: 23.752 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 65 Resp: 209268
Ion Ratio Lower Upper
65 100
67 52.7 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Manual Integrations
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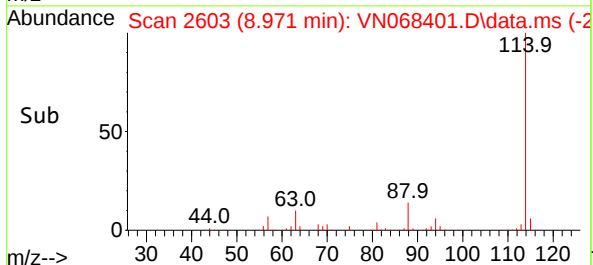
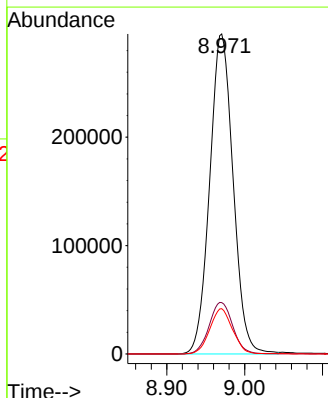
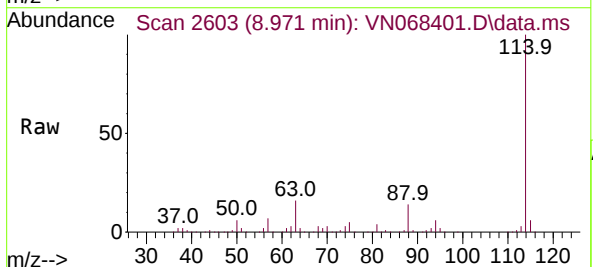
MMDadoda
9/7/2021 4:38:56 PM

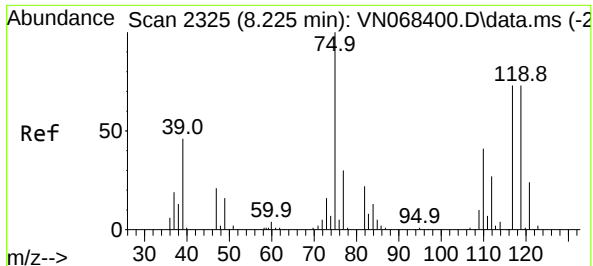


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 114 Resp: 616475
Ion Ratio Lower Upper
114 100
63 16.2 20.3 30.5#
88 13.8 14.6 22.0#





#29

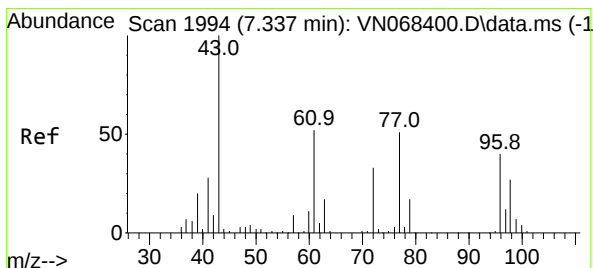
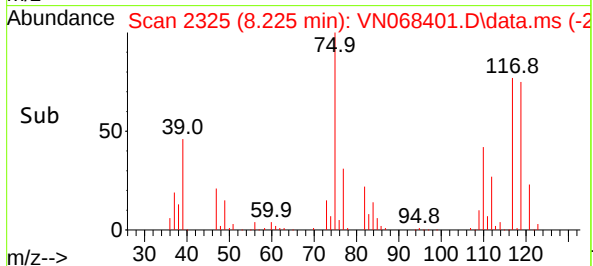
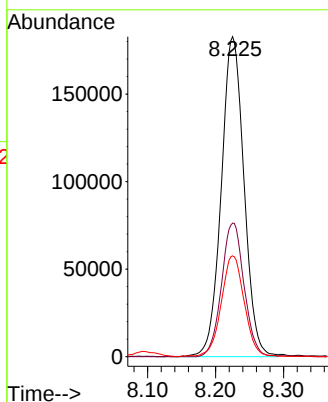
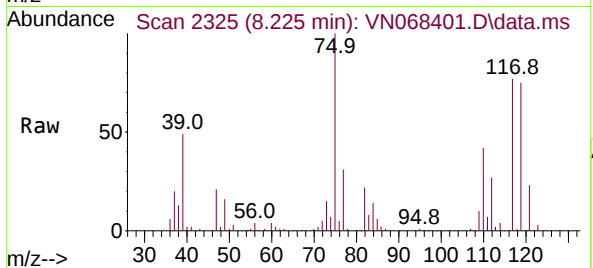
1,1-Dichloropropene
Concen: 43.838 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 424654
Ion Ratio Lower Upper
75 100
110 41.4 0.0 63.4
77 31.1 0.0 63.0

Manual Integrations
APPROVED

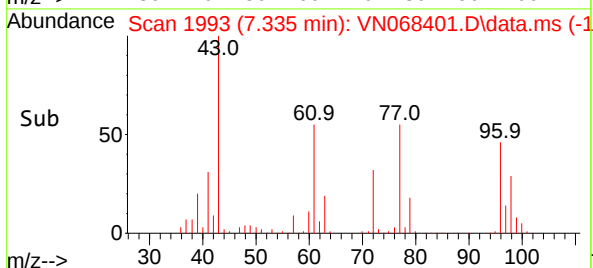
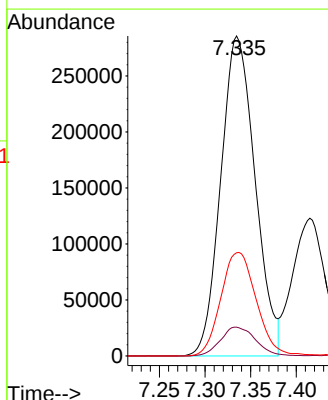
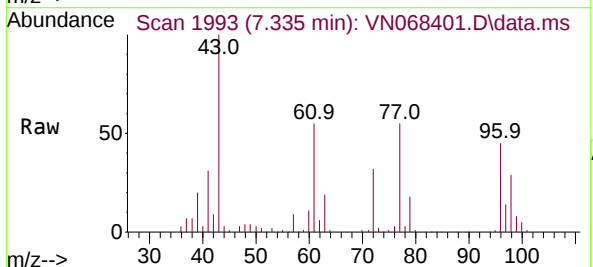
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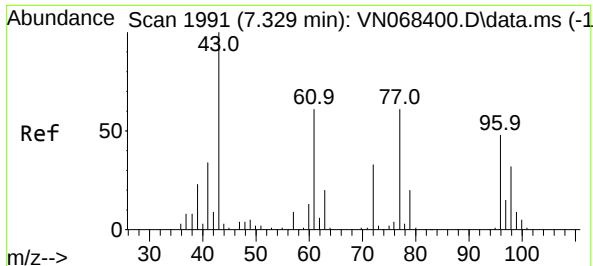


#30

2-Butanone
Concen: 171.625 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 43 Resp: 748794
Ion Ratio Lower Upper
43 100
57 9.3 6.9 10.3
72 33.2 20.0 30.0#





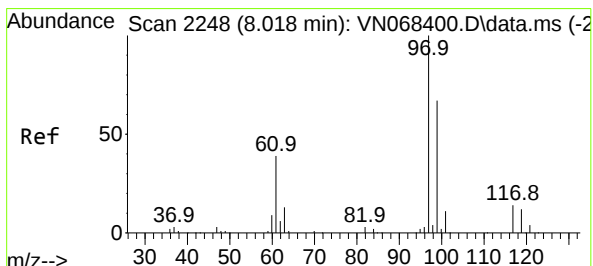
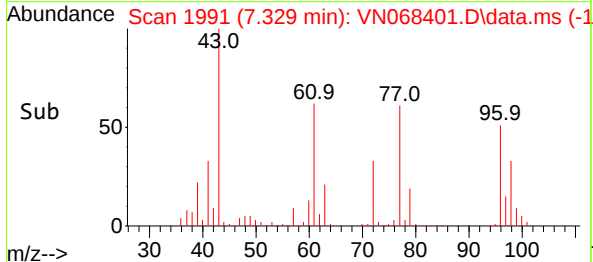
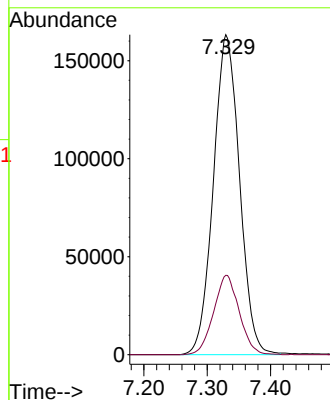
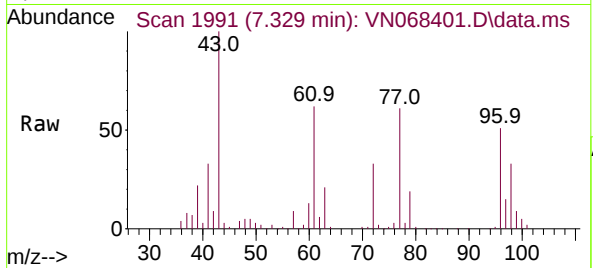
#31
2,2-Dichloropropane
Concen: 41.985 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 77 Resp: 468822
Ion Ratio Lower Upper
77 100
97 24.3 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

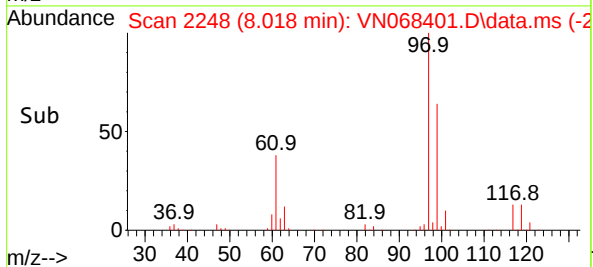
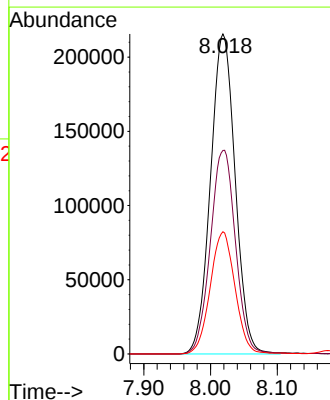
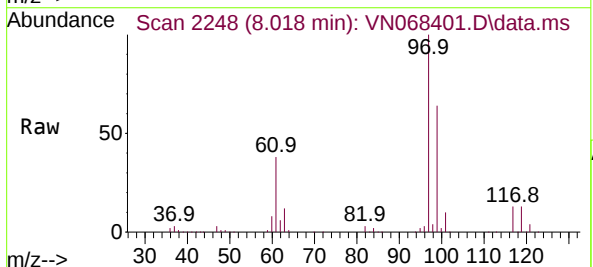
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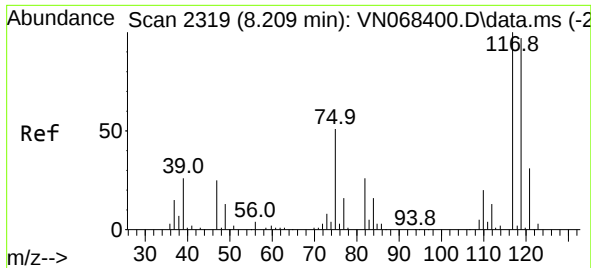
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#32
1,1,1-Trichloroethane
Concen: 45.785 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 97 Resp: 554341
Ion Ratio Lower Upper
97 100
99 64.9 49.7 74.5
61 38.2 38.0 57.0





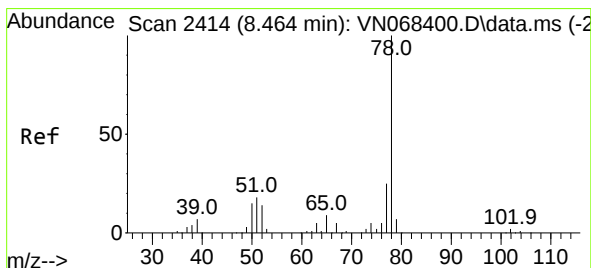
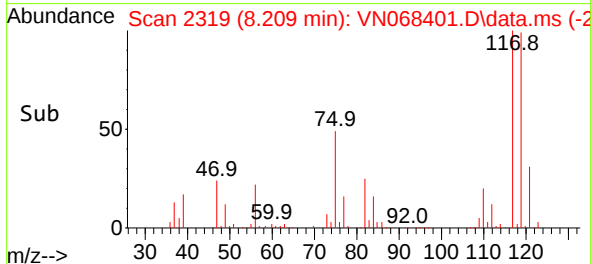
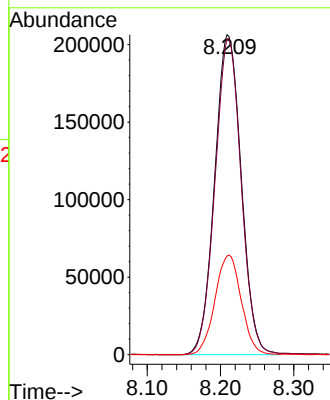
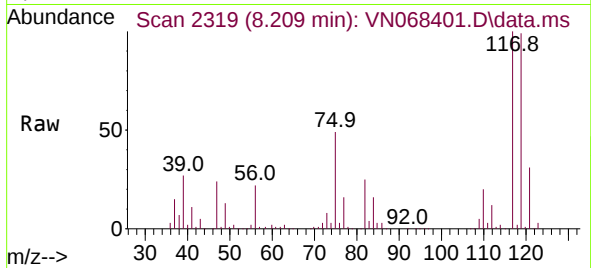
#33
Carbon Tetrachloride
Concen: 49.628 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:117 Resp: 520282
Ion Ratio Lower Upper
117 100
119 98.7 73.3 109.9
121 30.8 24.2 36.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

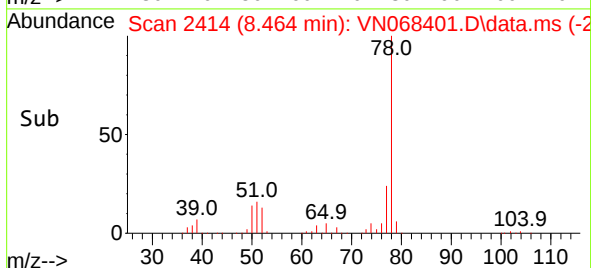
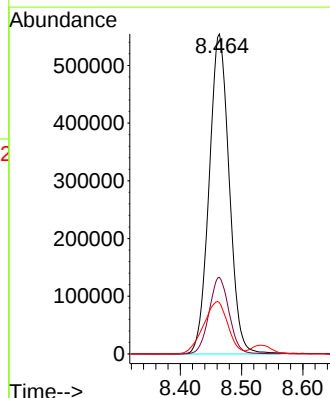
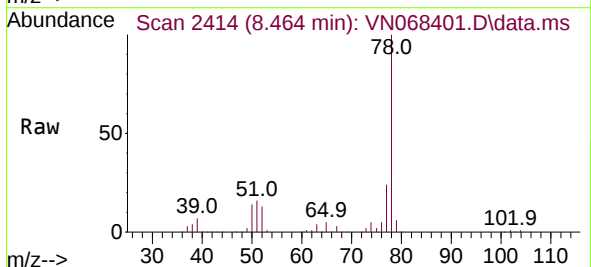
Manual Integrations
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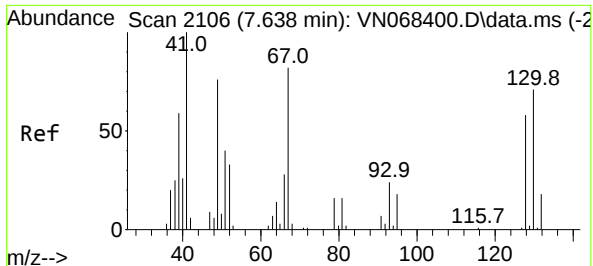
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#34
Benzene
Concen: 43.452 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 78 Resp: 1261202
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0
51 15.9 20.0 30.0#





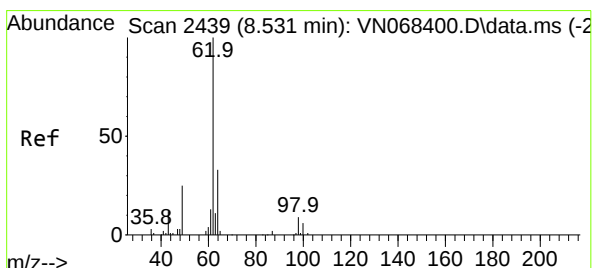
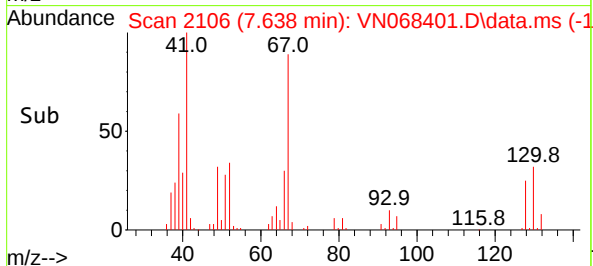
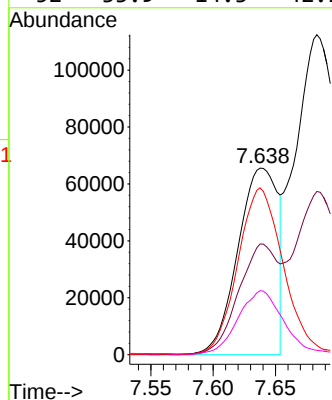
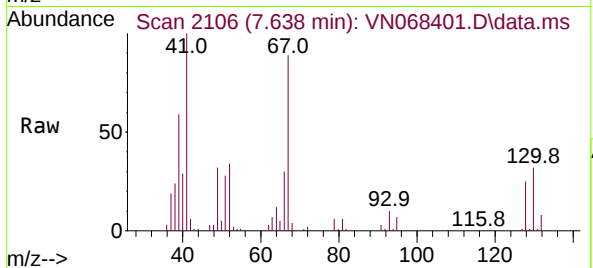
#35
Methacrylonitrile
Concen: 32.797 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.1	30.3	90.9
67	89.4	32.1	96.3
52	33.9	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

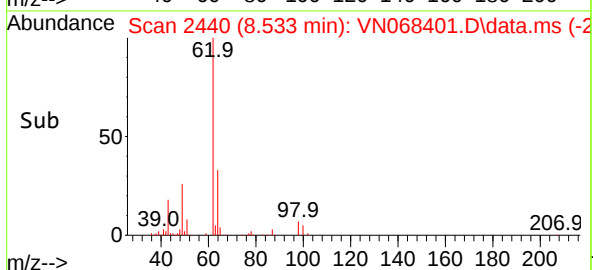
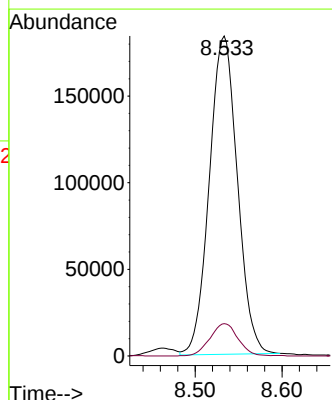
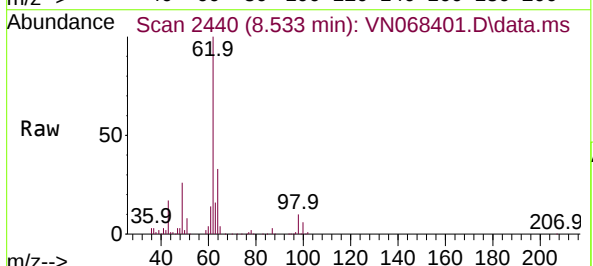
Manual Integrations
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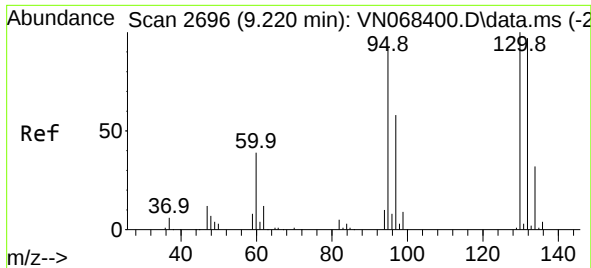
MMDadoda
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#36
1,2-Dichloroethane
Concen: 39.603 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

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





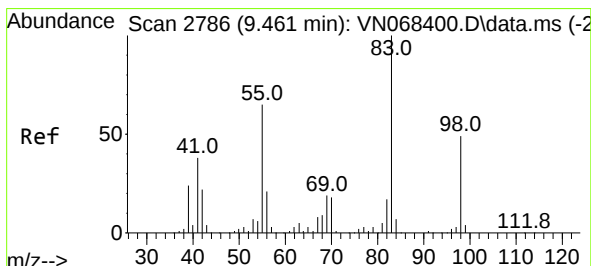
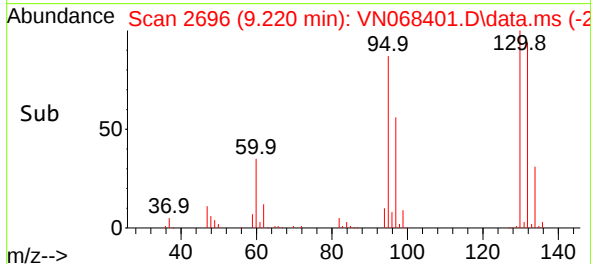
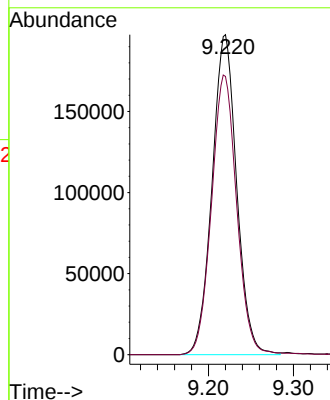
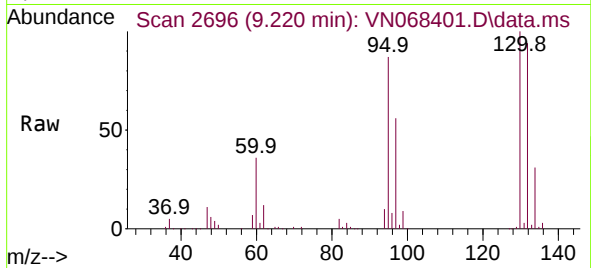
#37
Trichloroethene
Concen: 50.269 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:130 Resp: 397398
Ion Ratio Lower Upper
130 100
95 87.0 92.2 138.2#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

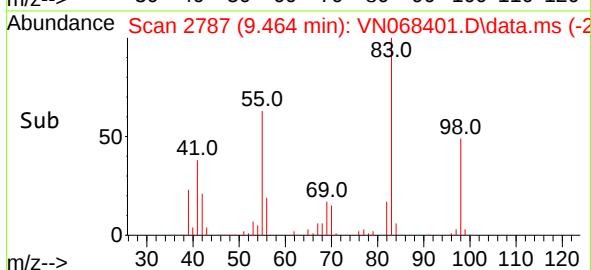
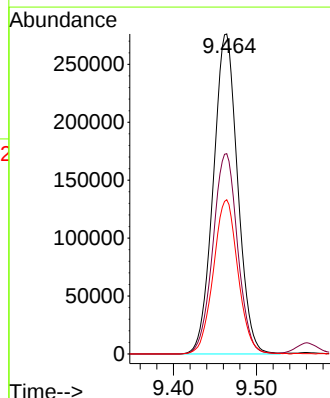
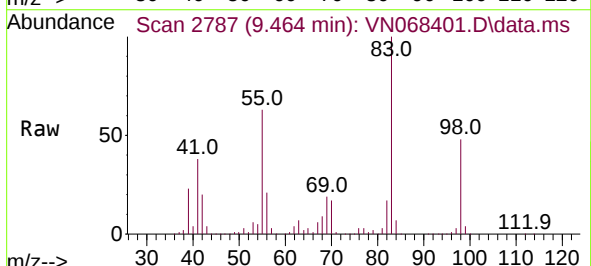
Manual Integrations
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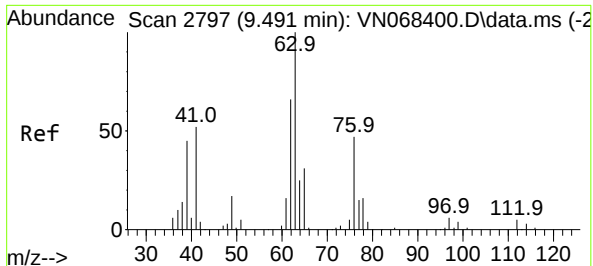
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#38
Methylcyclohexane
Concen: 50.270 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 83 Resp: 563562
Ion Ratio Lower Upper
83 100
55 63.5 41.5 124.6
98 48.7 22.4 67.0





#39

1,2-Dichloropropane

Concen: 41.447 ug/l

RT: 9.494 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

Tgt Ion: 63 Resp: 299247

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7

Instrument :

MSVOA_N

ClientSampleId :

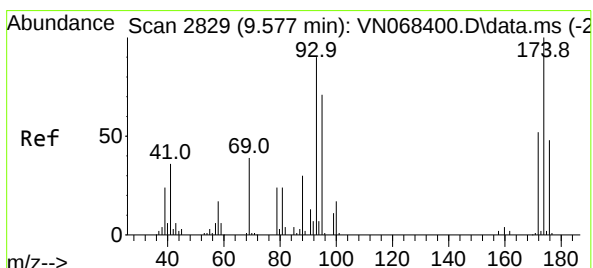
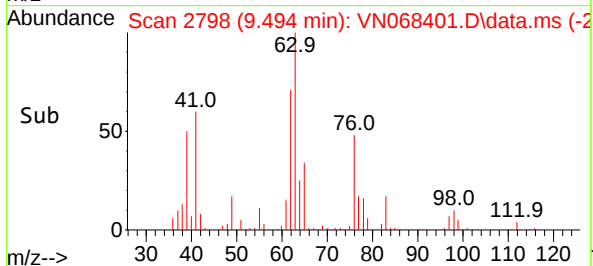
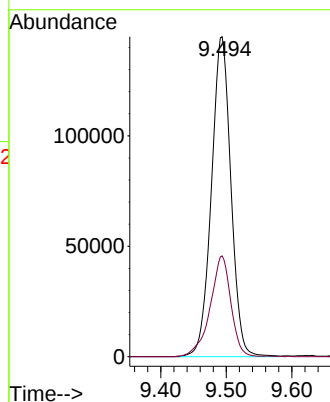
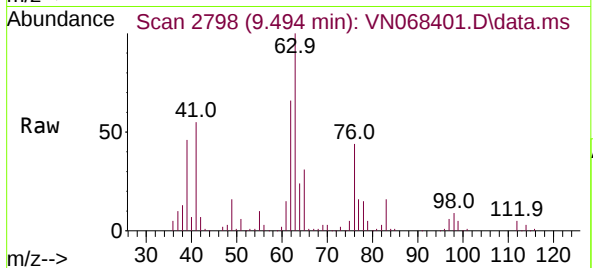
VSTDIC050

Manual Integrations

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#40

Dibromomethane

Concen: 43.427 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

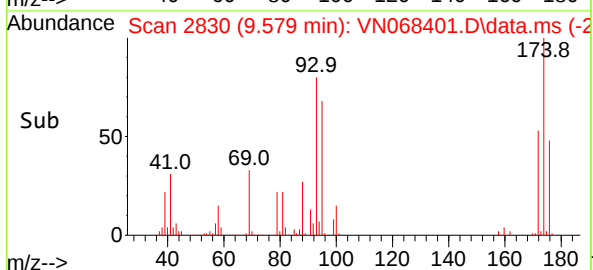
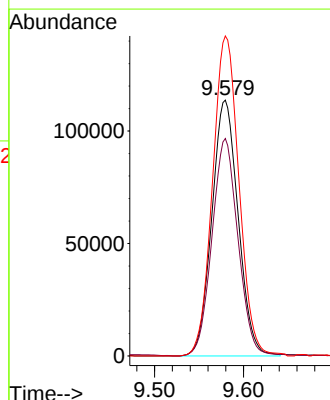
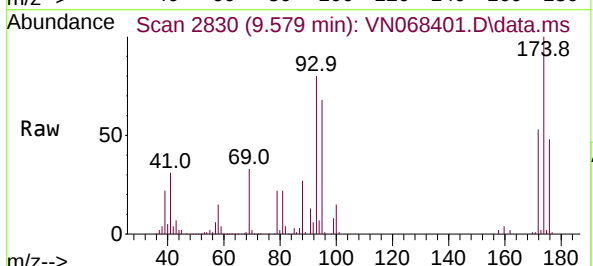
Tgt Ion: 93 Resp: 234123

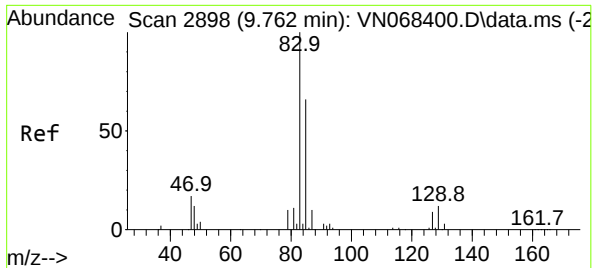
Ion Ratio Lower Upper

93 100

95 84.1 0.0 167.6

174 125.2 0.0 148.4





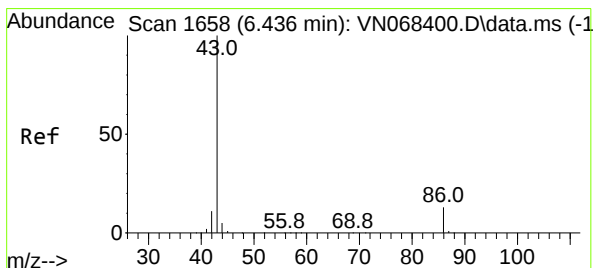
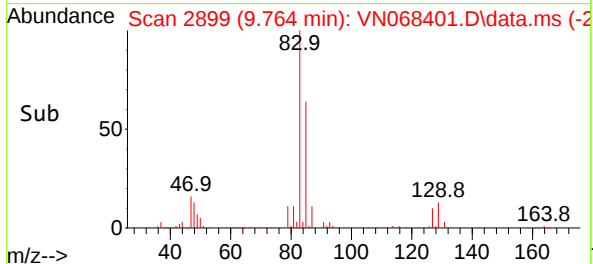
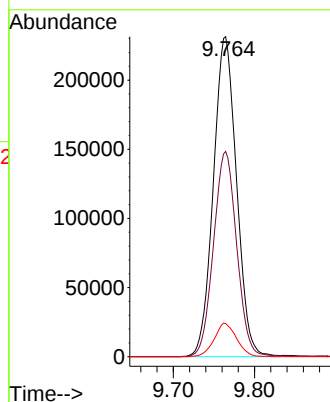
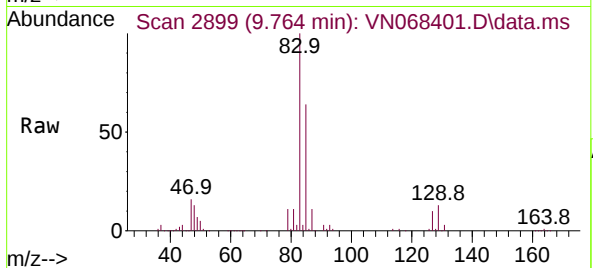
#41
Bromodichloromethane
Concen: 43.942 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 458843
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 10.3 6.6 9.8#

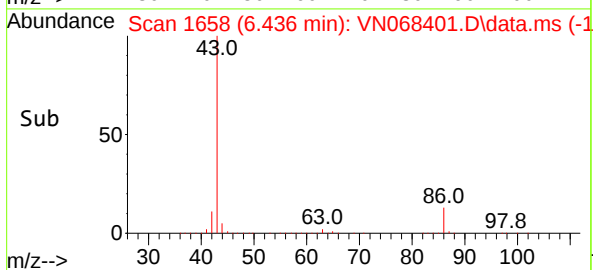
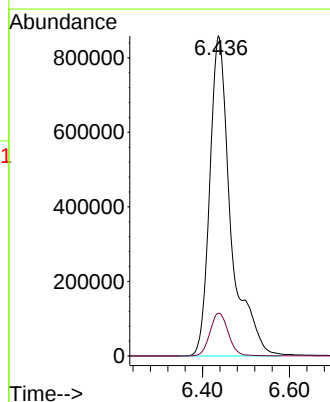
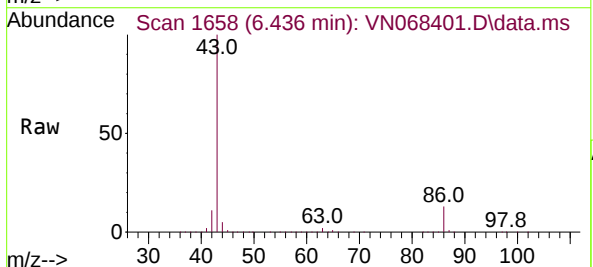
Manual Integrations
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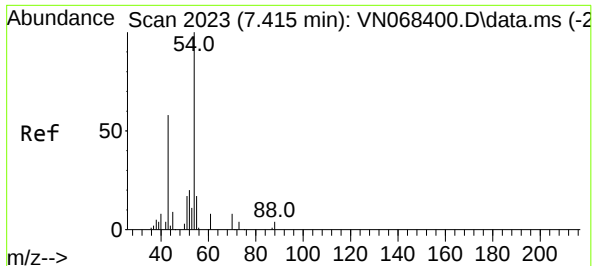
MMDadoda
9/7/2021 4:38:56 PM



#42
Vinyl Acetate
Concen: 165.186 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 43 Resp: 2892388
Ion Ratio Lower Upper
43 100
86 11.7 6.4 9.6#





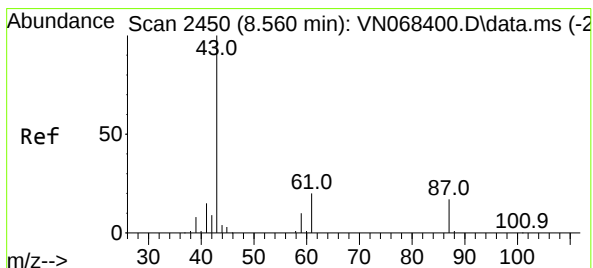
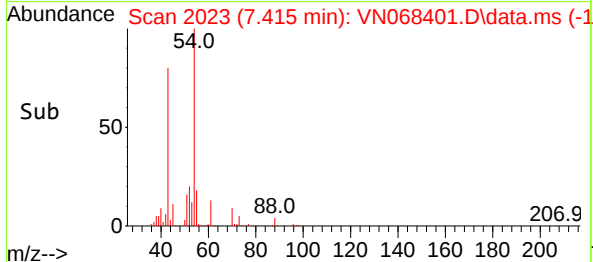
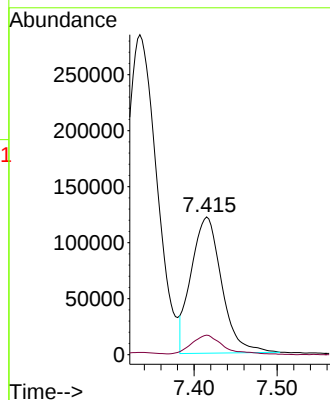
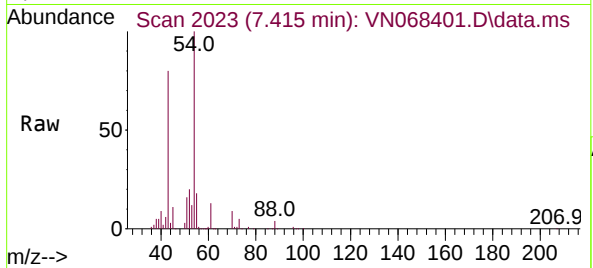
#43
Ethyl Acetate
Concen: 34.105 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 43 Resp: 310131
Ion Ratio Lower Upper
43 100
45 13.9 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

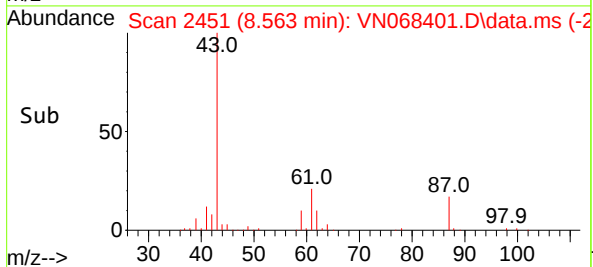
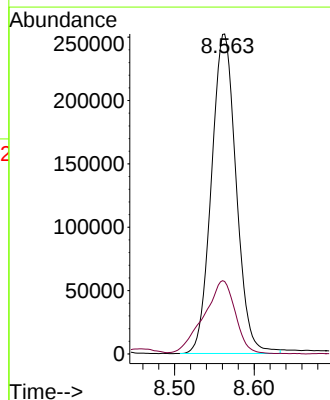
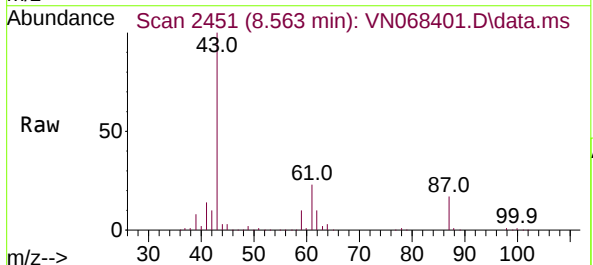
Manual Integrations
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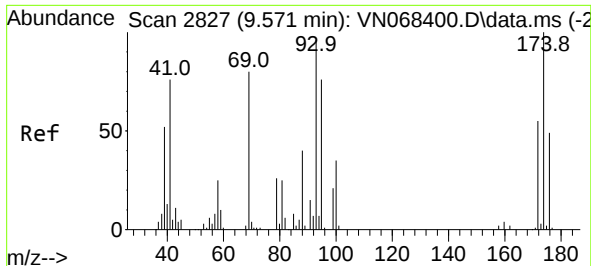
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#44
Isopropyl Acetate
Concen: 34.738 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 43 Resp: 544427
Ion Ratio Lower Upper
43 100
61 29.1 19.0 28.6#





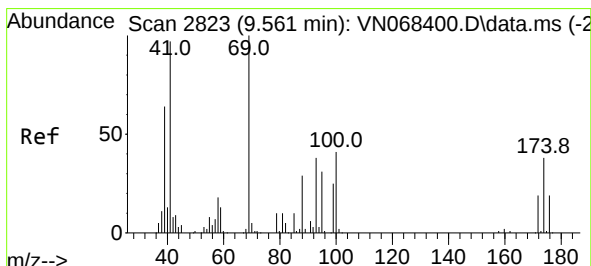
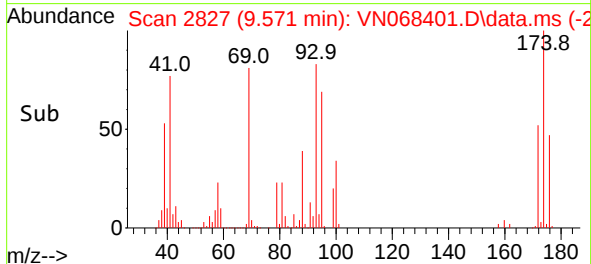
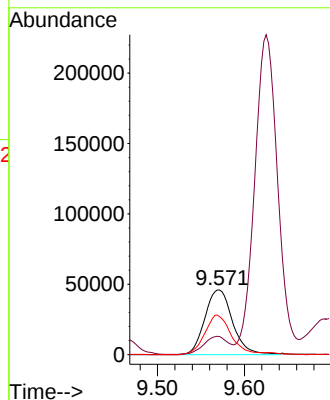
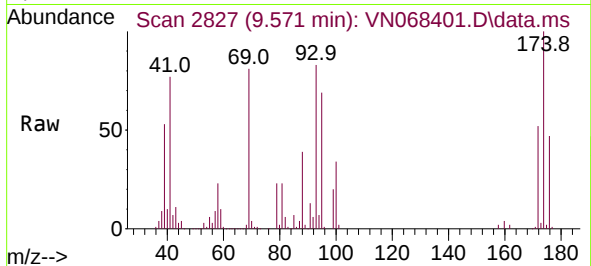
#45
1,4-Dioxane
Concen: 827.472 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 88 Resp: 102338
Ion Ratio Lower Upper
88 100
43 24.4 18.0 27.0
58 57.9 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

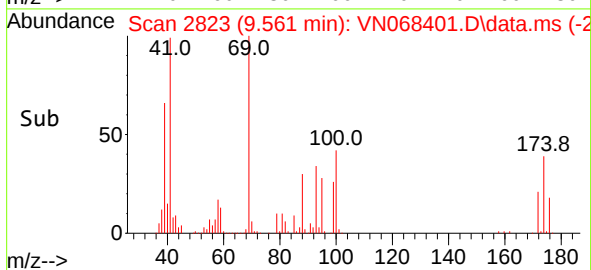
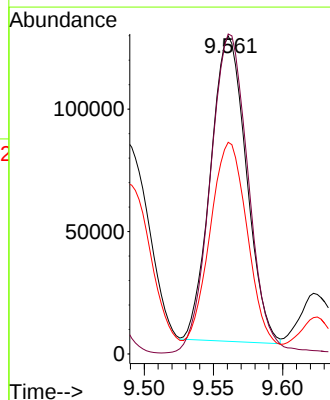
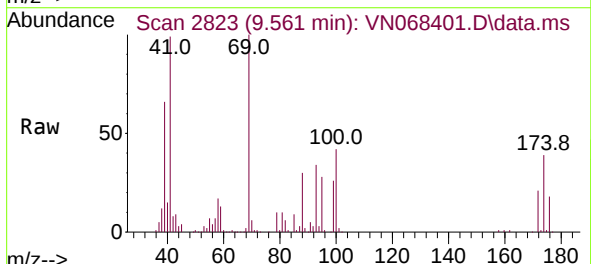
Manual Integrations
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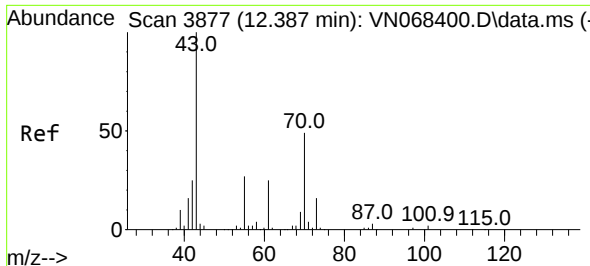
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#46
Methyl methacrylate
Concen: 32.687 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 41 Resp: 224539
Ion Ratio Lower Upper
41 100
69 103.9 38.0 114.1
39 66.7 33.9 101.7





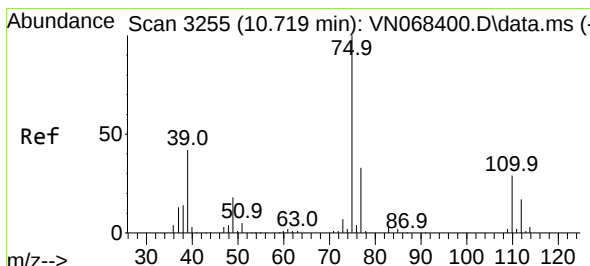
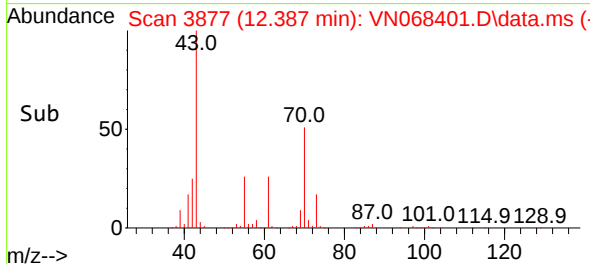
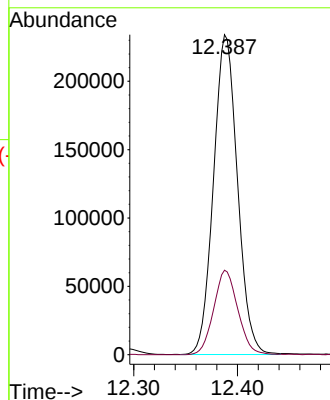
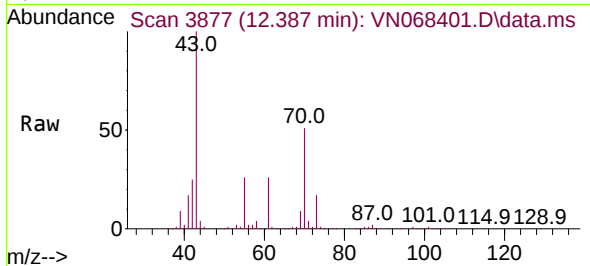
#47
n-amy1 Acetate
Concen: 29.329 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 43 Resp: 374397
Ion Ratio Lower Upper
43 100
55 26.6 17.6 26.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

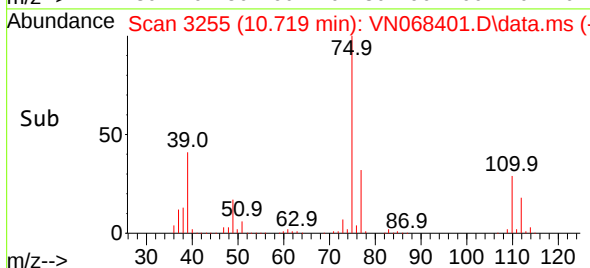
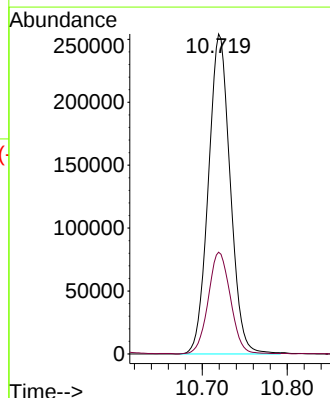
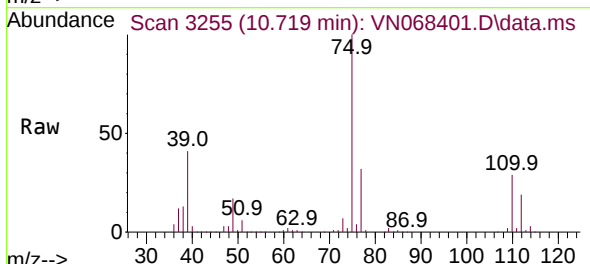
Manual Integrations
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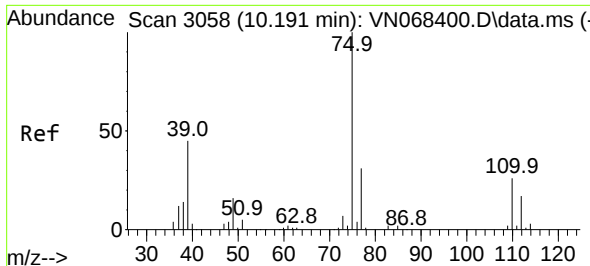
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#48
t-1,3-Dichloropropene
Concen: 40.301 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 75 Resp: 453236
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0





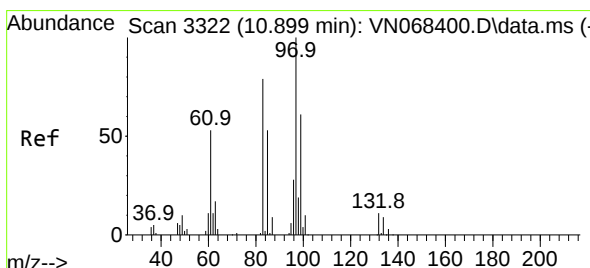
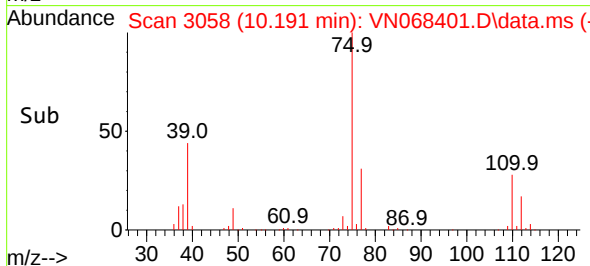
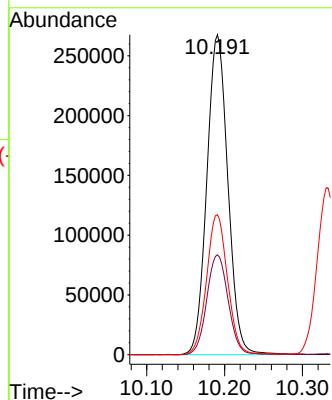
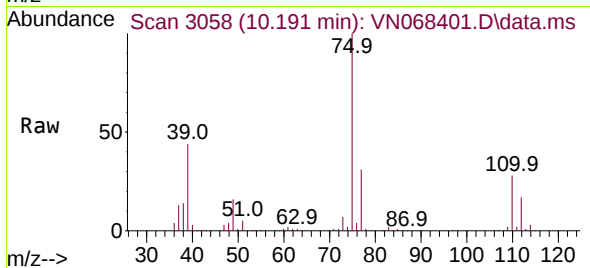
#49
cis-1,3-Dichloropropene
Concen: 42.459 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 503377
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
39 43.7 50.6 76.0#

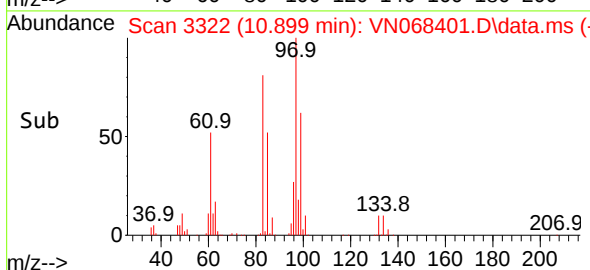
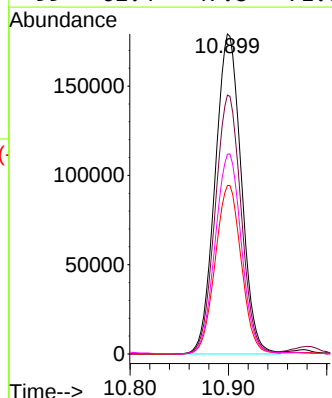
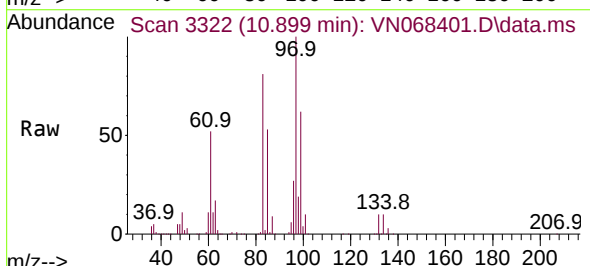
Manual Integrations
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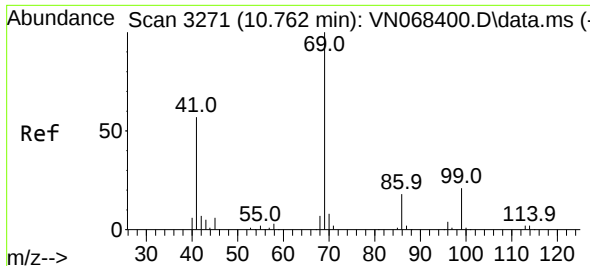
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#50
1,1,2-Trichloroethane
Concen: 43.651 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

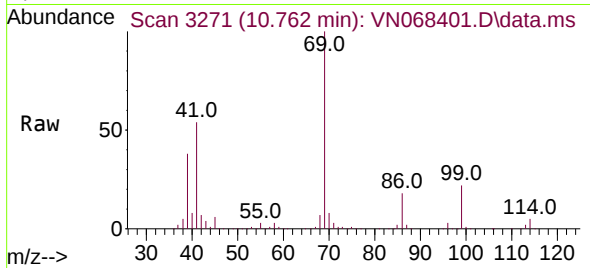
Tgt Ion: 97 Resp: 332128
Ion Ratio Lower Upper
97 100
83 80.9 69.6 104.4
85 52.7 45.2 67.8
99 62.4 47.8 71.6





#51
Ethyl methacrylate
Concen: 38.057 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

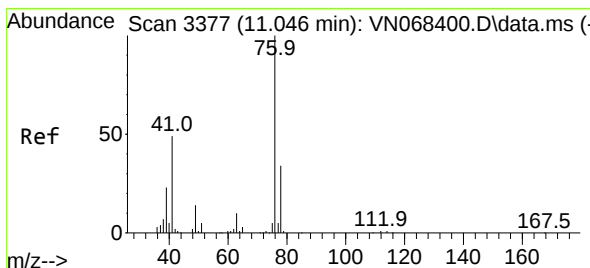
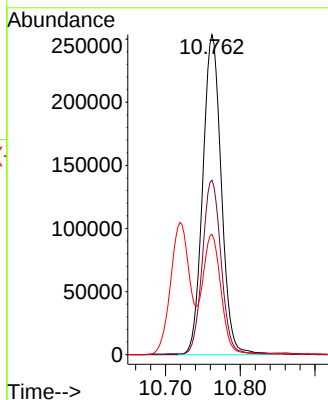
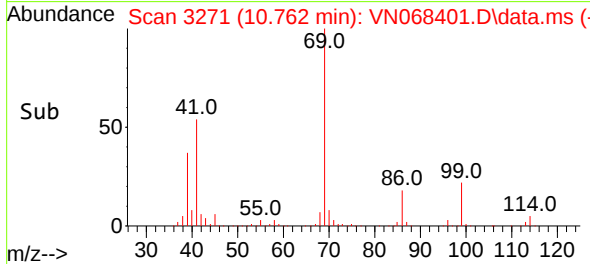
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



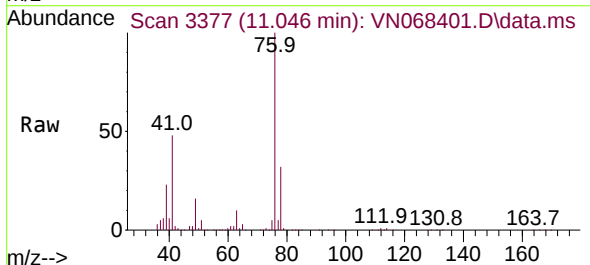
Tgt Ion: 69 Resp: 437298
Ion Ratio Lower Upper
69 100
41 54.2 36.8 110.4
39 37.3 23.8 71.2

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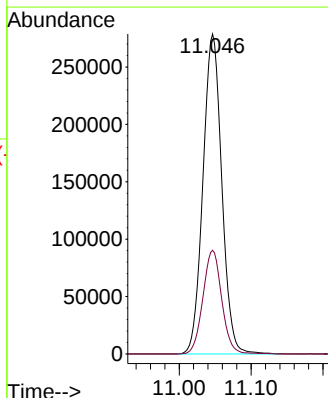
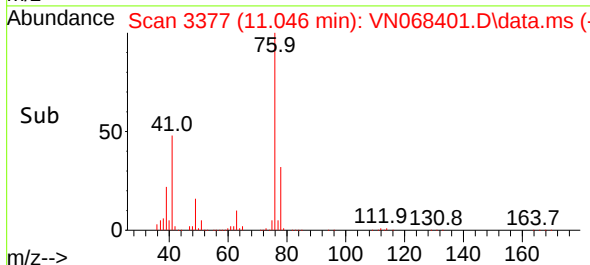
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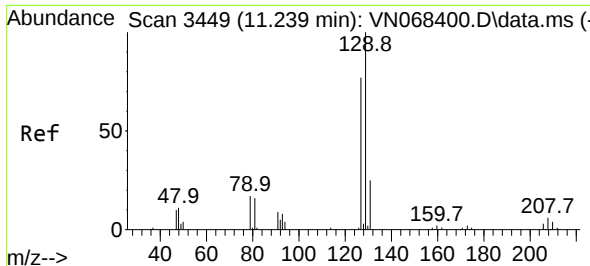


#52
1,3-Dichloropropane
Concen: 41.195 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



Tgt Ion: 76 Resp: 508565
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





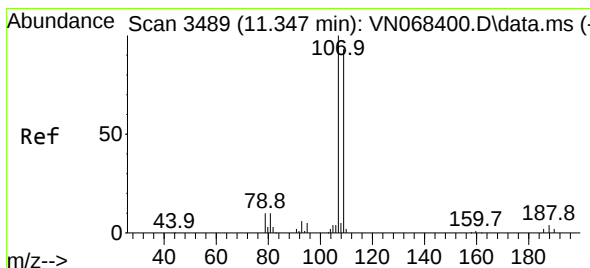
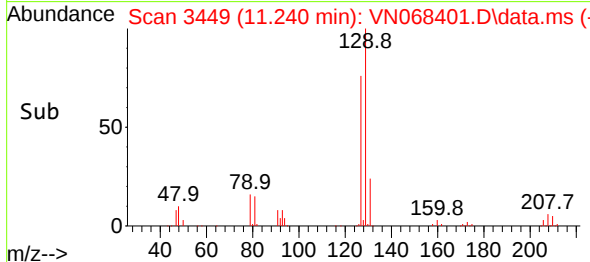
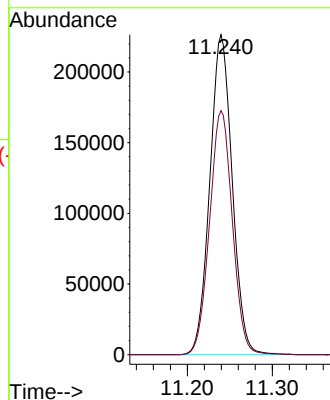
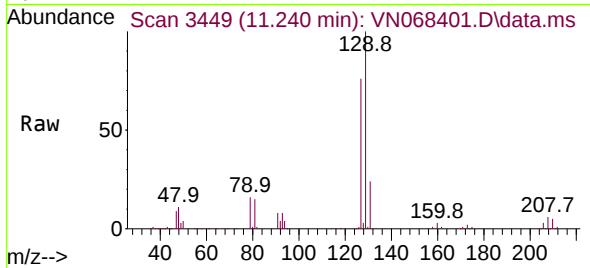
#53
Dibromochloromethane
Concen: 49.651 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:129 Resp: 414611
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

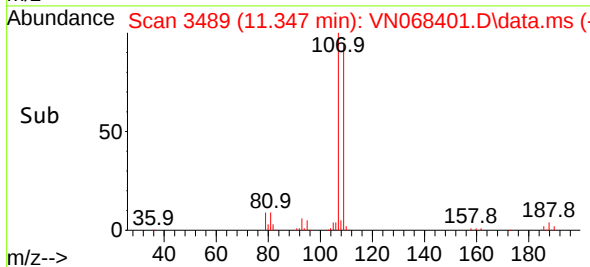
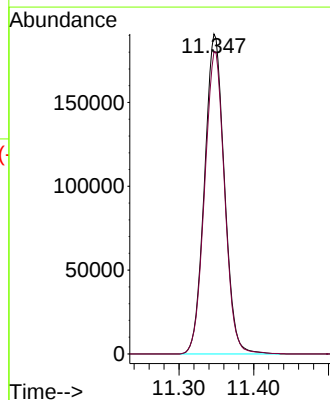
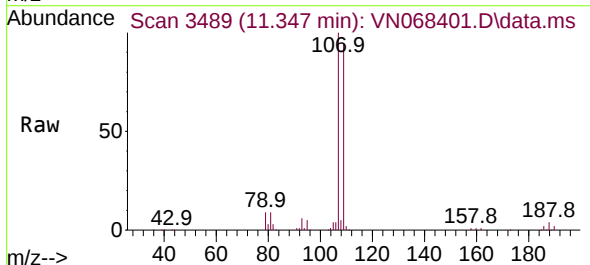
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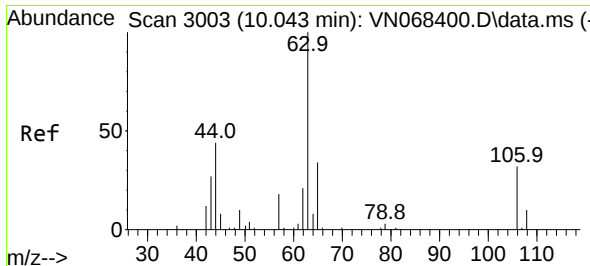
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#54
1,2-Dibromoethane
Concen: 44.594 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:107 Resp: 352426
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6





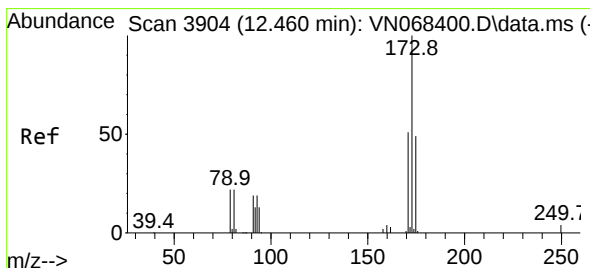
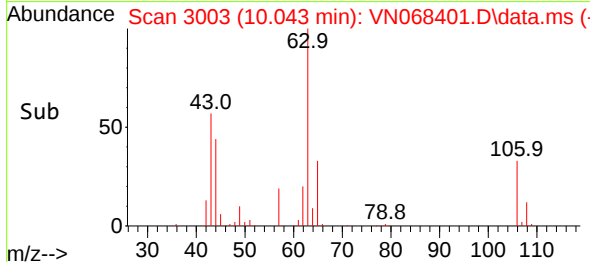
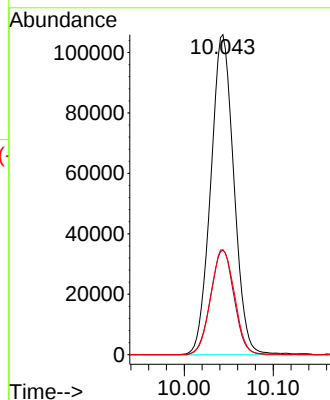
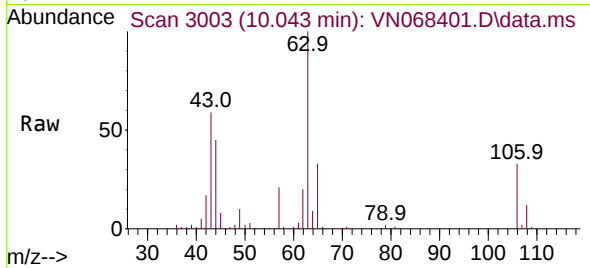
#55
2-Chloroethyl vinyl ether
Concen: 87.788 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 63 Resp: 191297
Ion Ratio Lower Upper
63 100
65 33.1 25.6 38.4
106 33.7 20.0 30.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

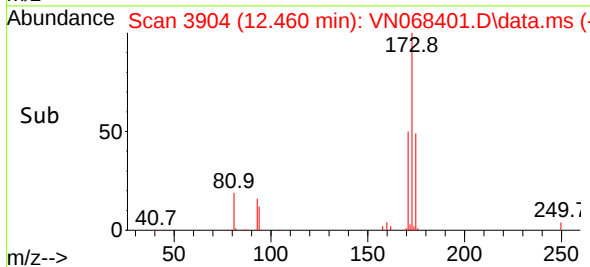
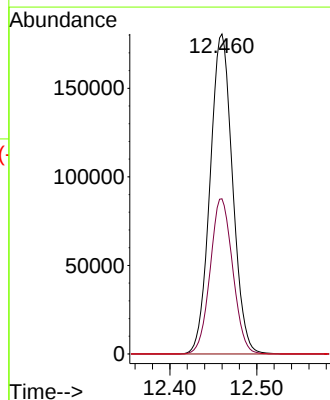
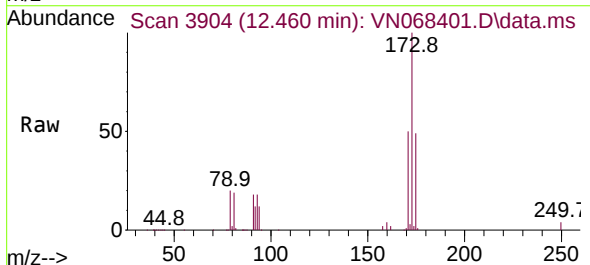
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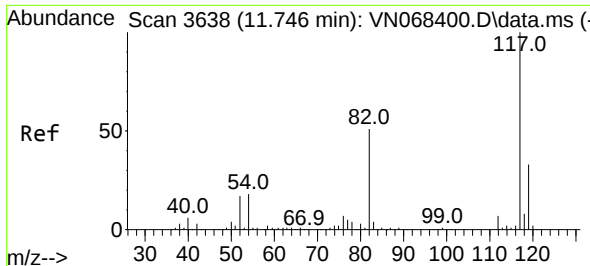
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#56
Bromoform
Concen: 54.163 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 173 Resp: 324493
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.2
254 0.0 0.0 0.0





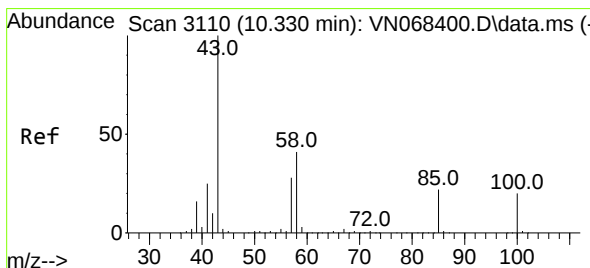
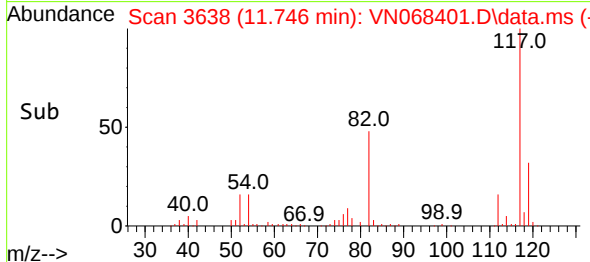
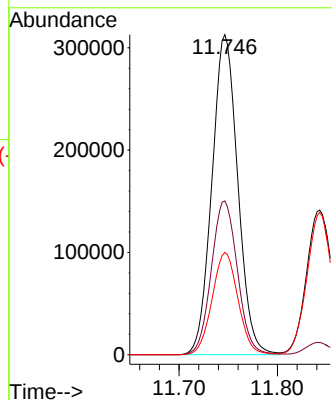
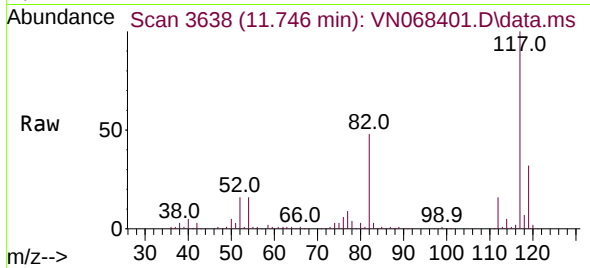
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 117 Resp: 571774
Ion Ratio Lower Upper
117 100
82 48.7 52.5 78.7#
119 32.0 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

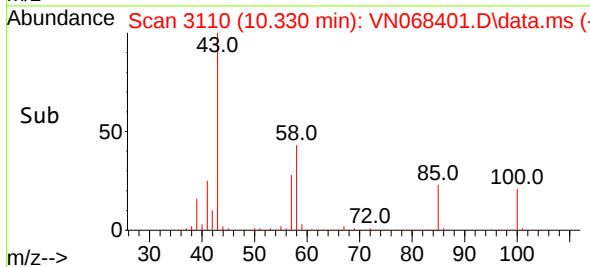
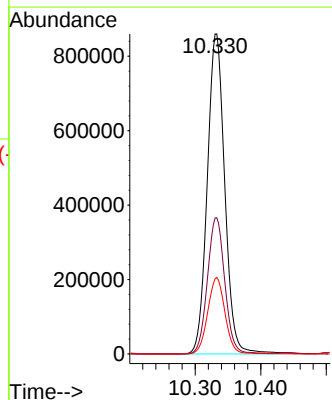
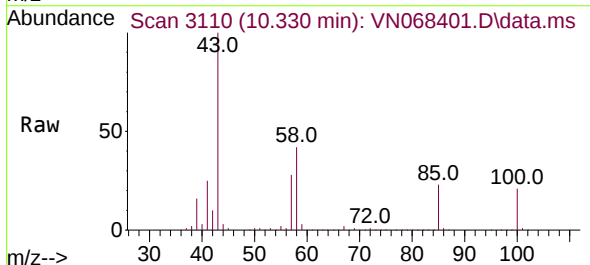
Manual Integrations
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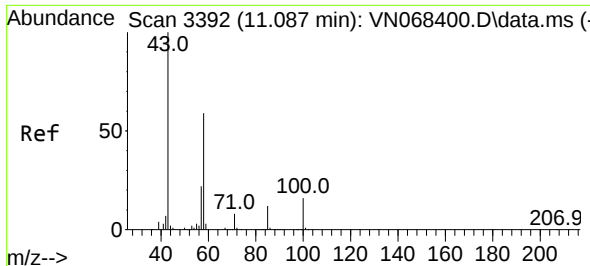
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#58
4-Methyl-2-Pentanone
Concen: 169.749 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

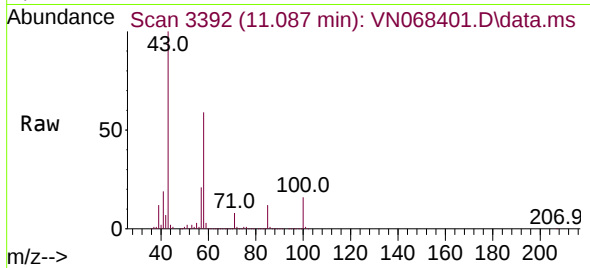
Tgt Ion: 43 Resp: 1589590
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.4
85 23.7 13.2 19.8#





#59
2-Hexanone
Concen: 163.607 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

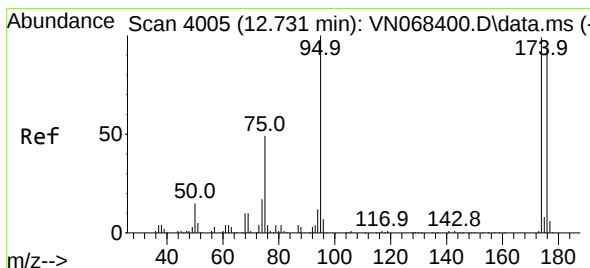
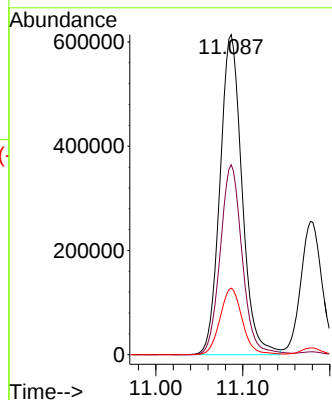
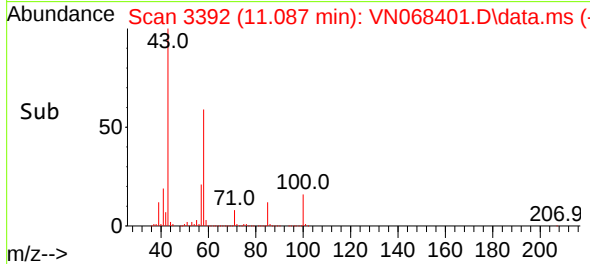
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



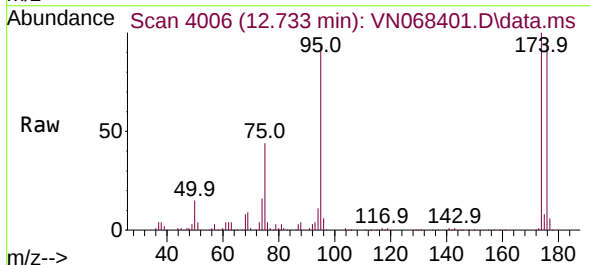
Tgt Ion: 43 Resp: 1080718
Ion Ratio Lower Upper
43 100
58 59.3 39.4 59.0#
57 21.0 14.4 21.6

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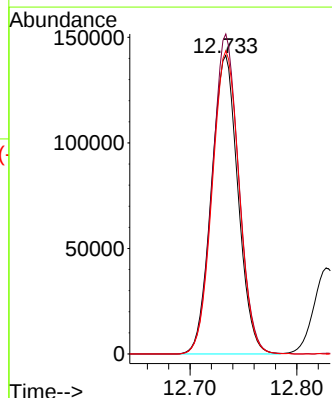
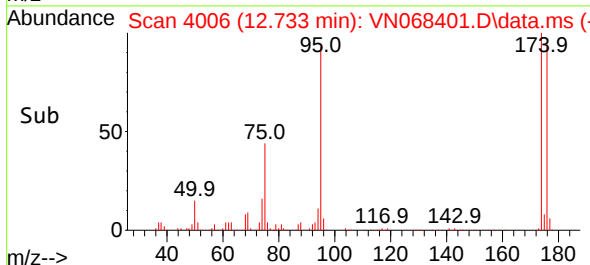
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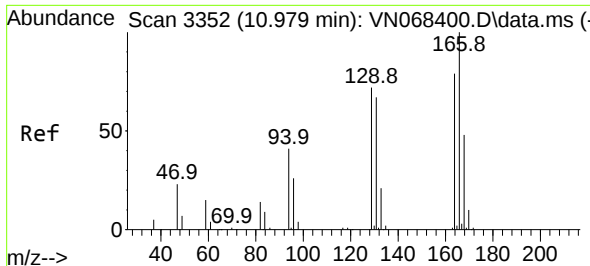


#60
4-Bromofluorobenzene
Concen: 27.216 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

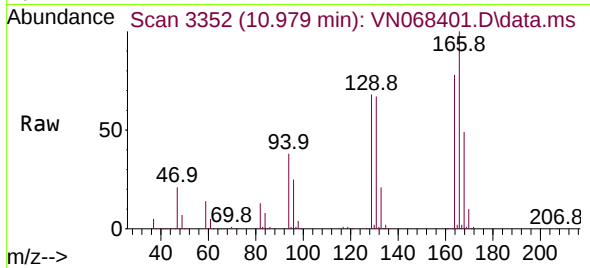


Tgt Ion: 95 Resp: 244966
Ion Ratio Lower Upper
95 100
174 106.7 47.7 71.5#
176 102.3 45.7 68.5#

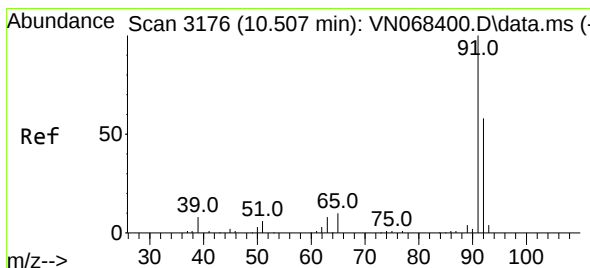
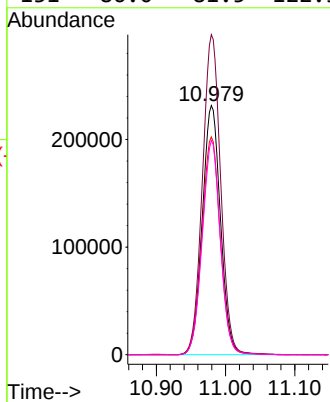
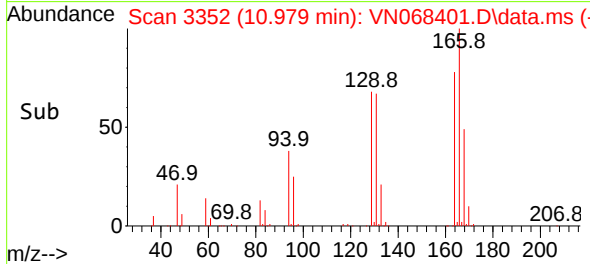




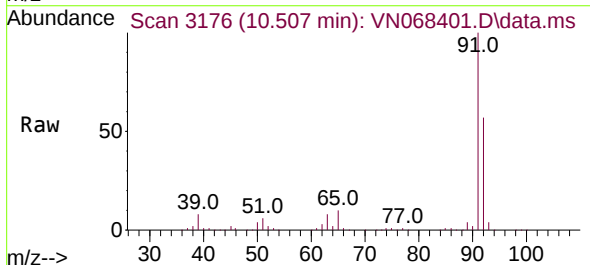
#61
Tetrachloroethene
Concen: 55.422 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



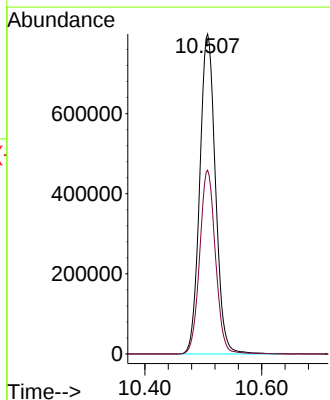
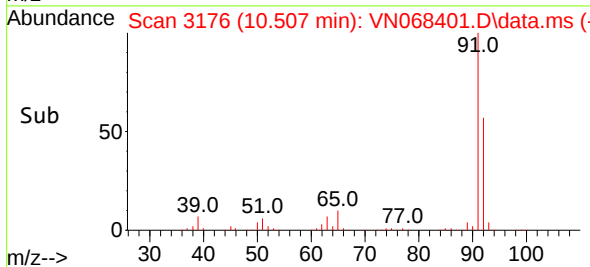
Tgt Ion:164 Resp: 424381
Ion Ratio Lower Upper
164 100
166 128.5 101.0 151.4
129 87.4 85.5 128.3
131 86.0 81.5 122.3



#62
Toluene
Concen: 44.279 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



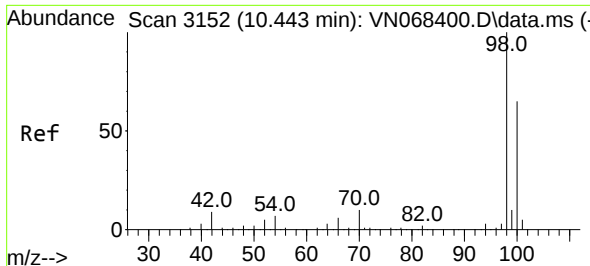
Tgt Ion: 91 Resp: 1495404
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1



Instrument :
MSVOA_N
ClientSampleId :
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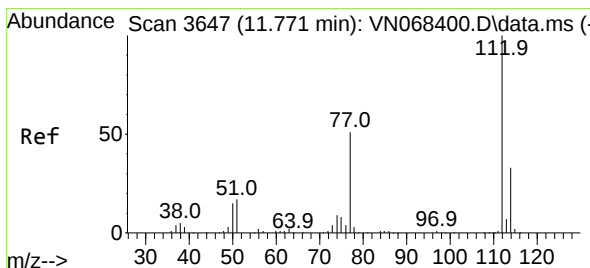
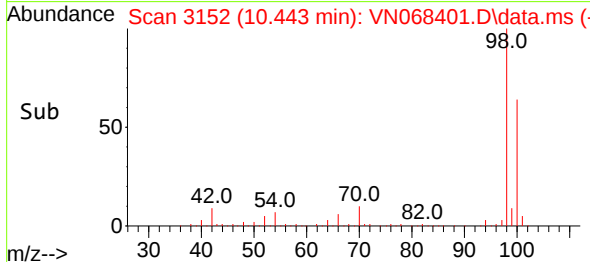
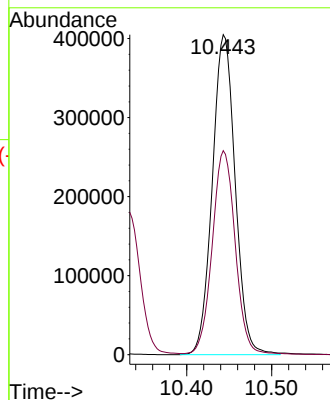
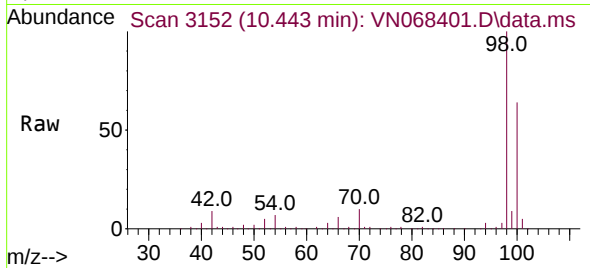
#63
Toluene-d8
Concen: 28.995 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 98 Resp: 757213
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

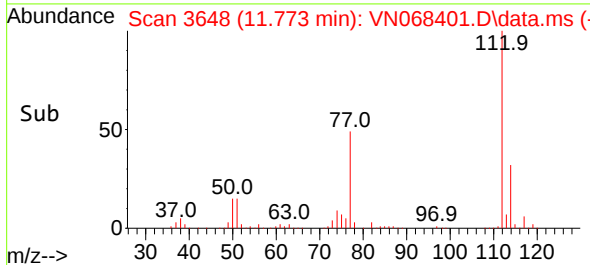
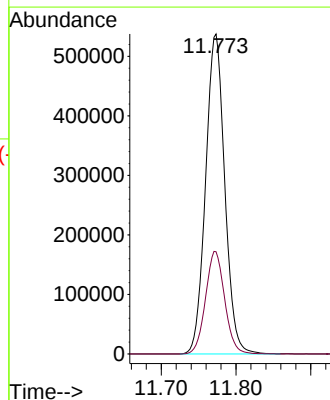
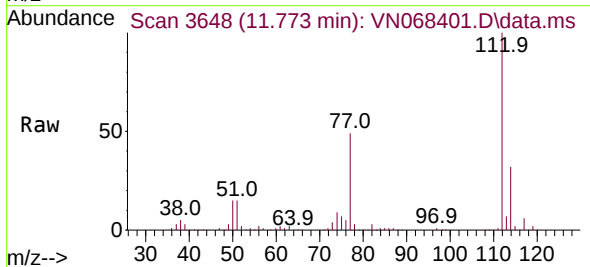
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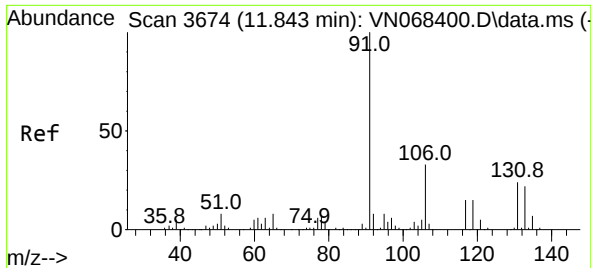
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#64
Chlorobenzene
Concen: 46.413 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 112 Resp: 957500
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0





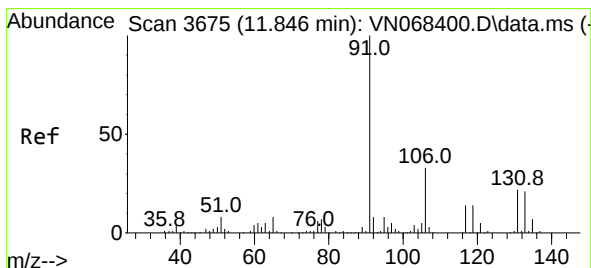
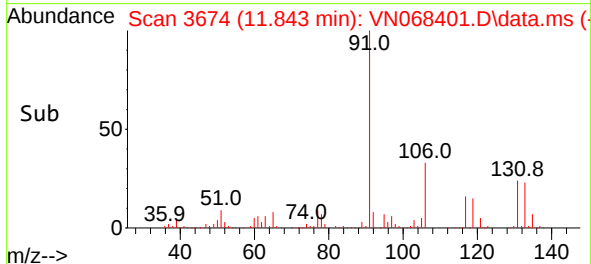
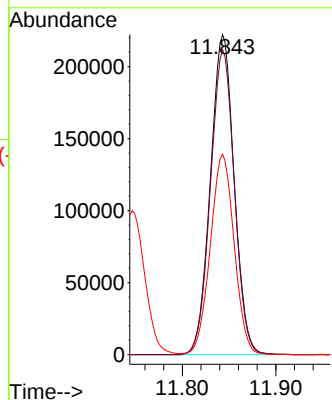
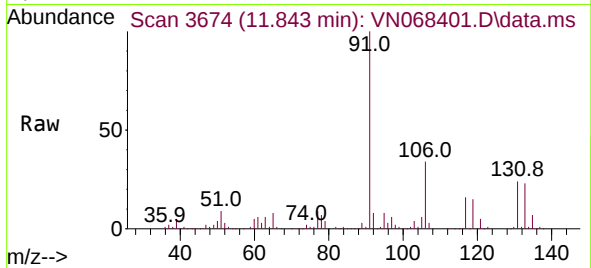
#65
1,1,1,2-Tetrachloroethane
Concen: 49.903 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:131 Resp: 393515
Ion Ratio Lower Upper
131 100
133 95.5 0.0 189.6
119 62.7 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
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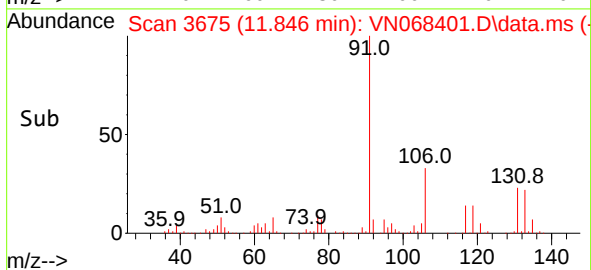
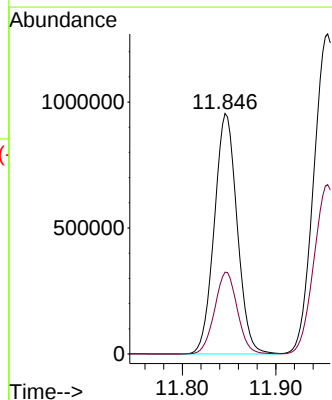
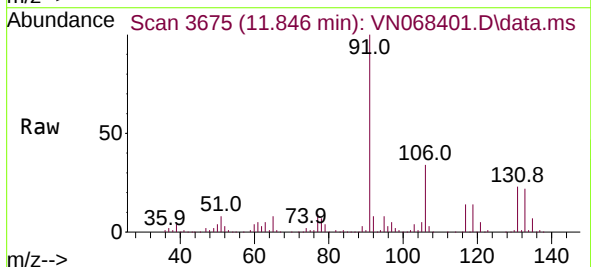
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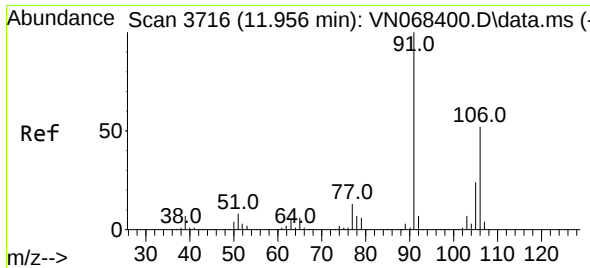
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#66
Ethyl Benzene
Concen: 43.561 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 91 Resp: 1621941
Ion Ratio Lower Upper
91 100
106 34.0 23.4 35.0





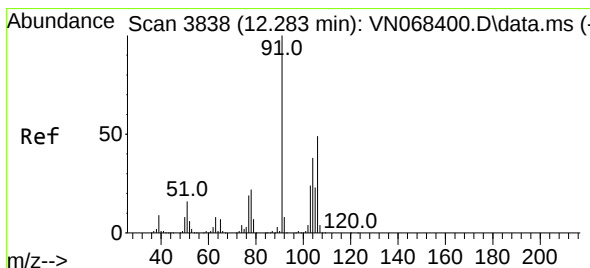
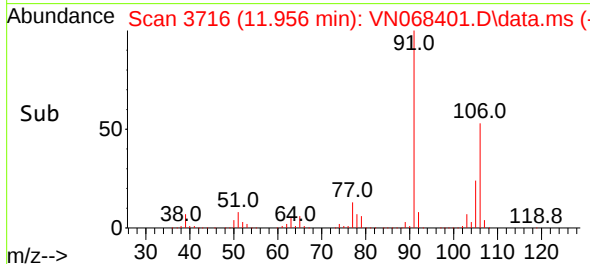
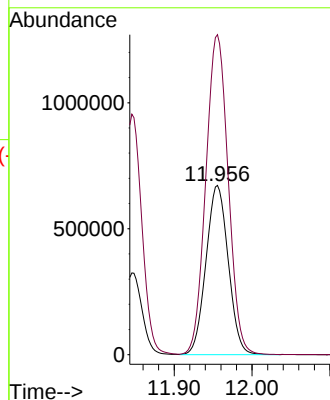
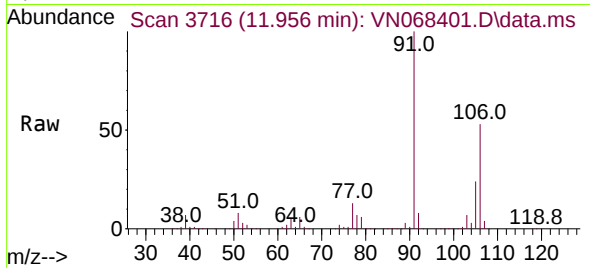
#67
m/p-Xylenes
Concen: 92.207 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:106 Resp: 1334178
Ion Ratio Lower Upper
106 100
91 190.0 181.3 271.9

Instrument :
MSVOA_N
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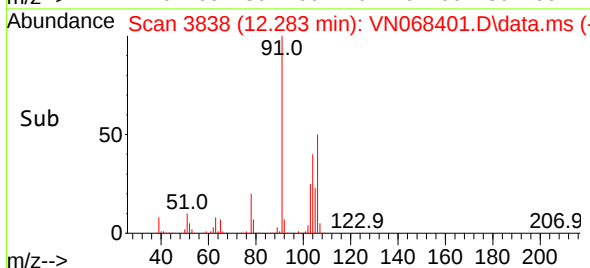
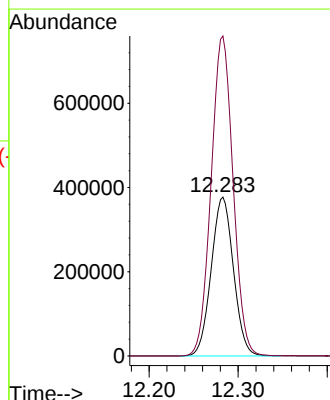
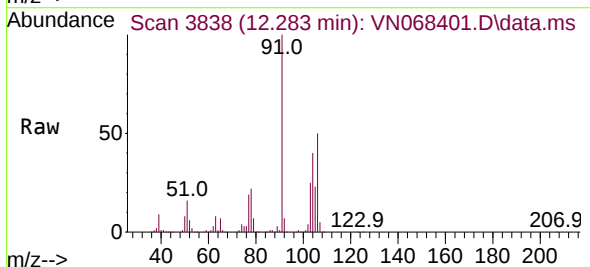
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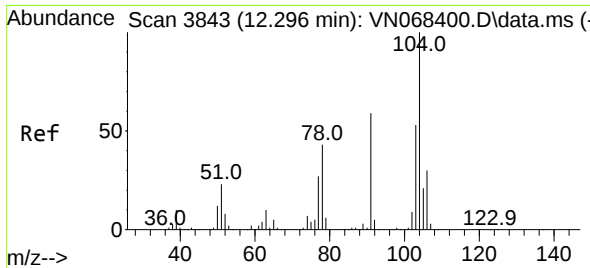
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#68
o-Xylene
Concen: 45.872 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:106 Resp: 653526
Ion Ratio Lower Upper
106 100
91 199.3 120.0 360.0





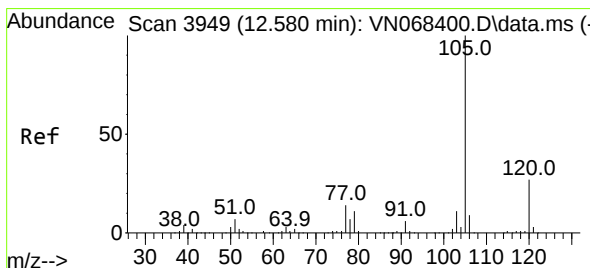
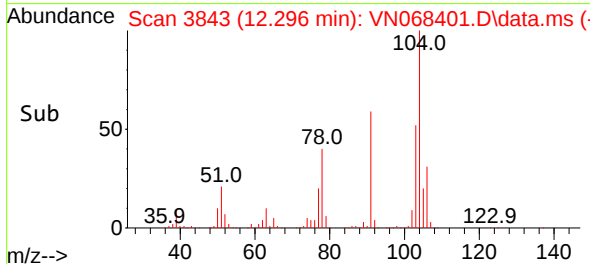
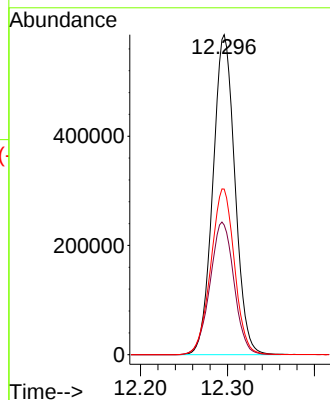
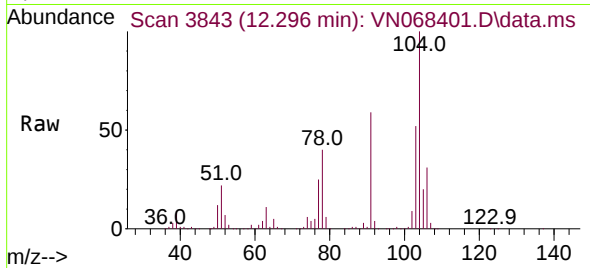
#69
Styrene
Concen: 44.672 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:104 Resp: 1033308
Ion Ratio Lower Upper
104 100
78 45.0 48.2 72.2#
103 55.7 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
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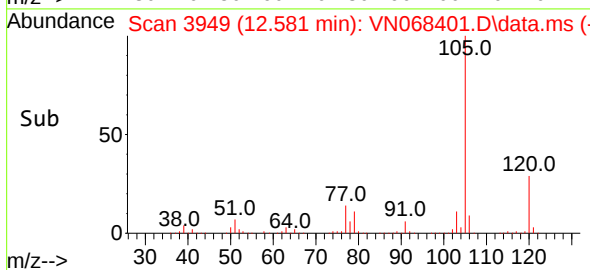
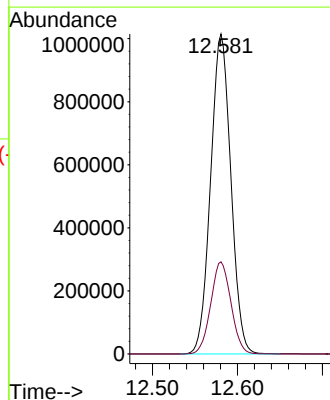
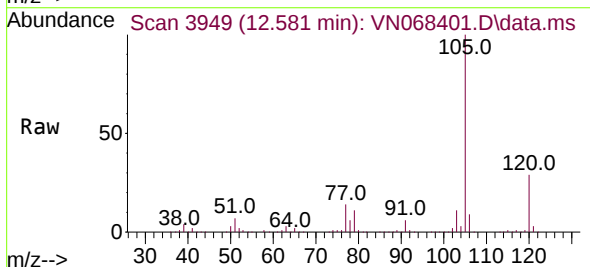
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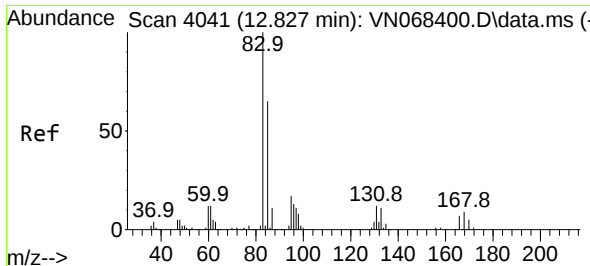
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#70
Isopropylbenzene
Concen: 45.680 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:105 Resp: 1677896
Ion Ratio Lower Upper
105 100
120 28.7 17.6 32.6





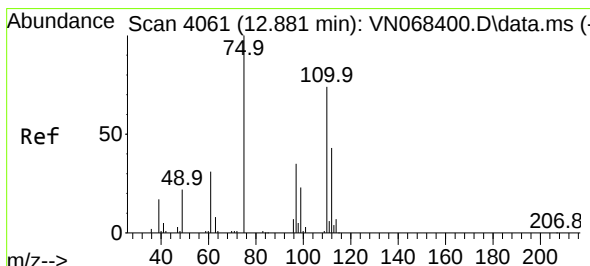
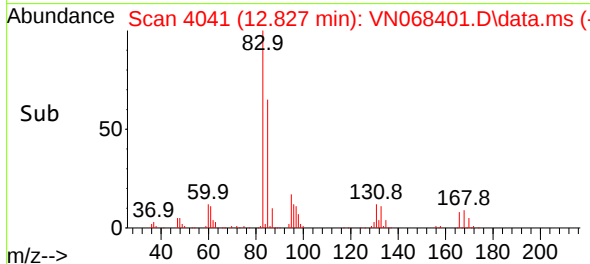
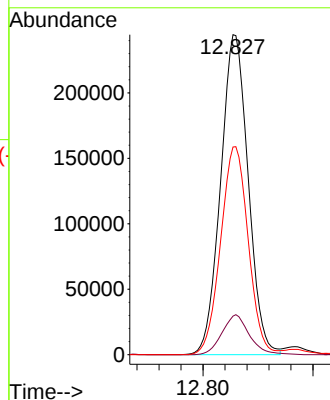
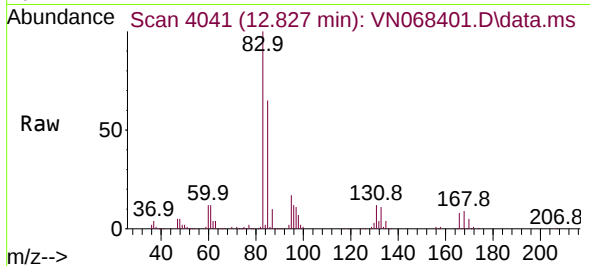
#71
1,1,2,2-Tetrachloroethane
Concen: 41.565 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 83 Resp: 425901
Ion Ratio Lower Upper
83 100
131 12.4 4.7 14.0
85 65.0 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
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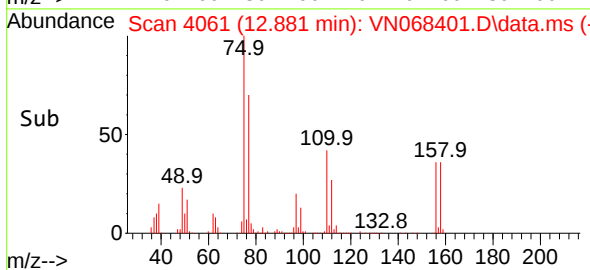
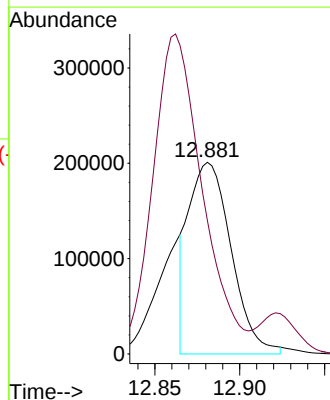
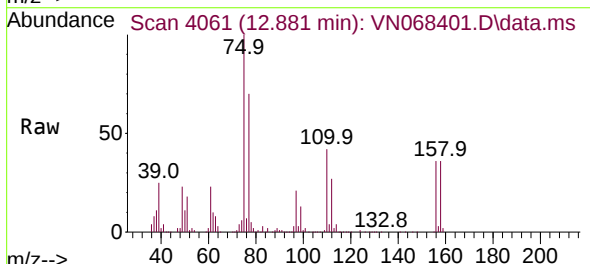
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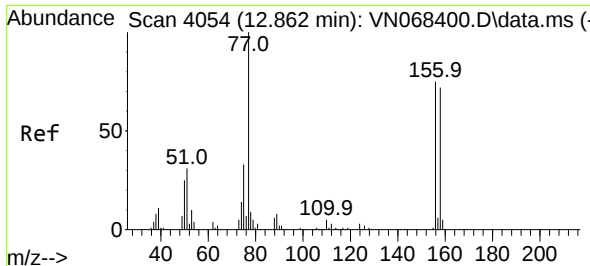
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#72
1,2,3-Trichloropropane
Concen: 40.813 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 75 Resp: 351180
Ion Ratio Lower Upper
75 100
77 194.2 0.0 374.2





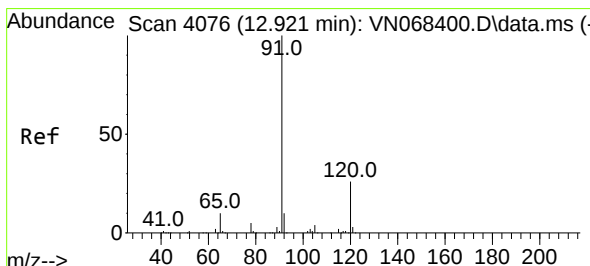
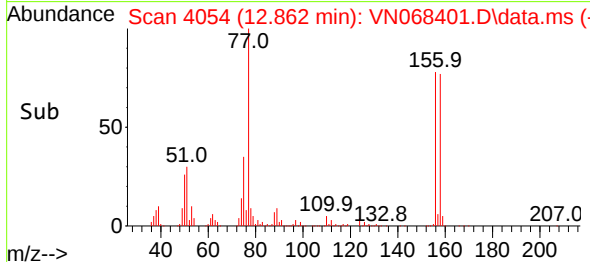
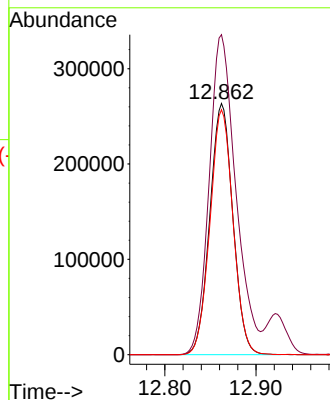
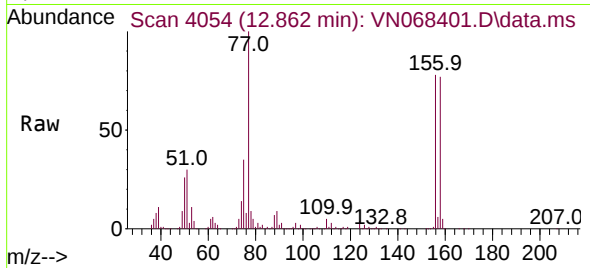
#73
Bromobenzene
Concen: 52.752 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion:156 Resp: 463709
Ion Ratio Lower Upper
156 100
77 147.1 0.0 548.0
158 97.3 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

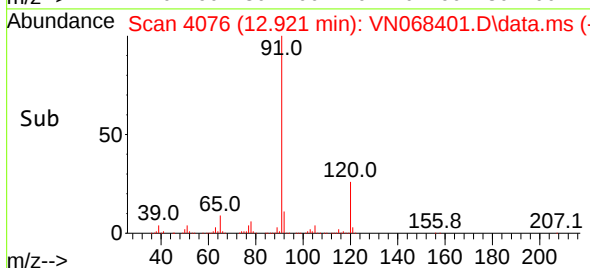
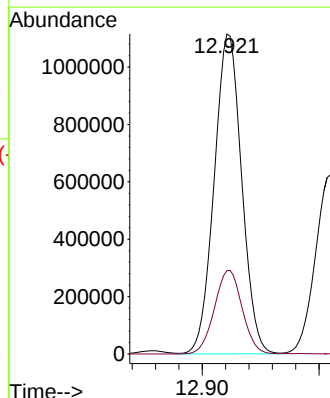
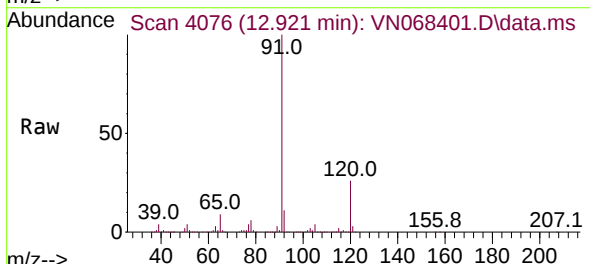
Manual Integrations
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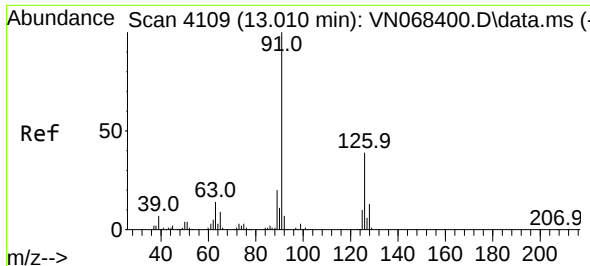
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#74
n-propylbenzene
Concen: 44.093 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

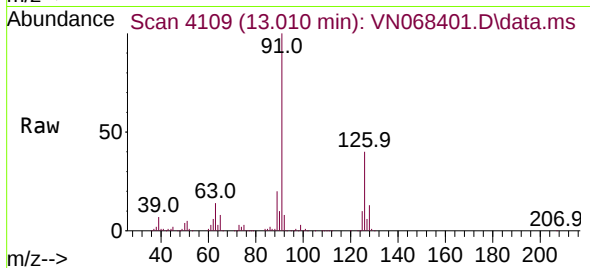
Tgt Ion: 91 Resp: 1821127
Ion Ratio Lower Upper
91 100
120 26.4 0.0 41.0





#75
2-Chlorotoluene
Concen: 43.028 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

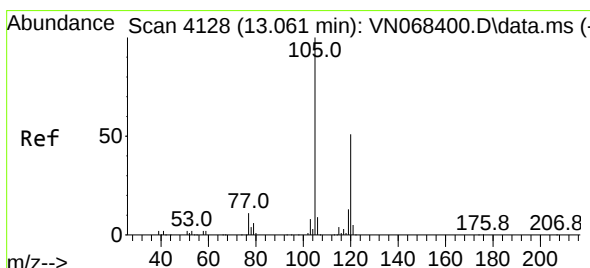
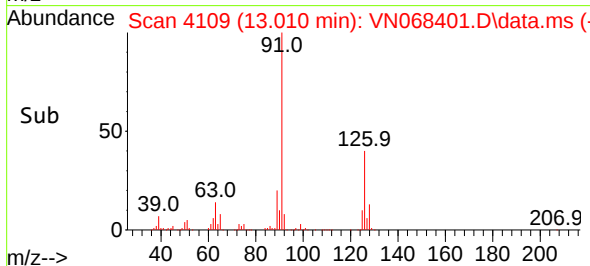
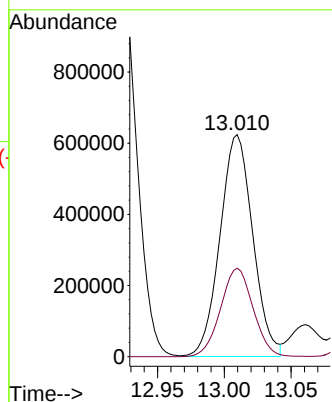
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 1066685
Ion Ratio Lower Upper
91 100
126 39.6 0.0 0.0#

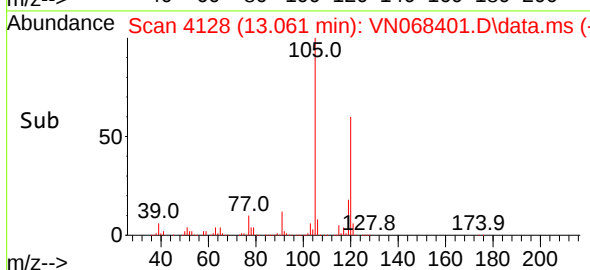
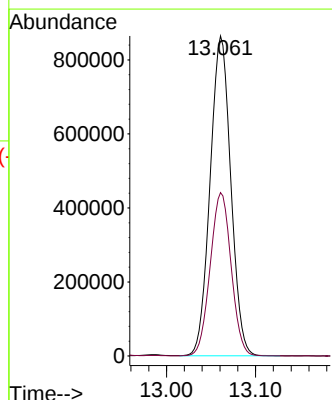
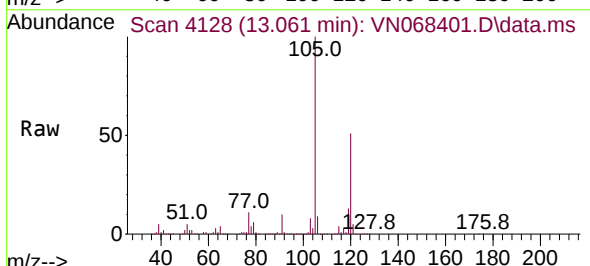
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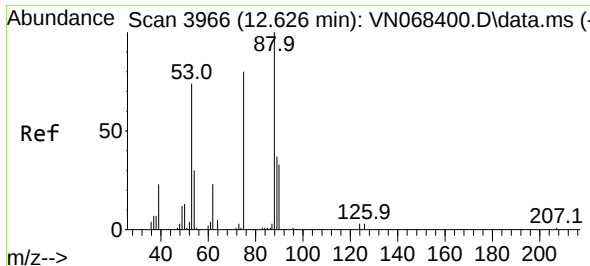
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 45.786 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

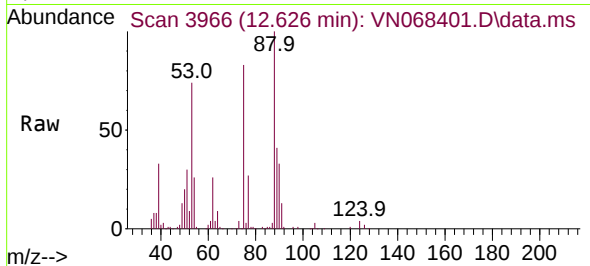
Tgt Ion: 105 Resp: 1394232
Ion Ratio Lower Upper
105 100
120 51.8 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 36.842 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

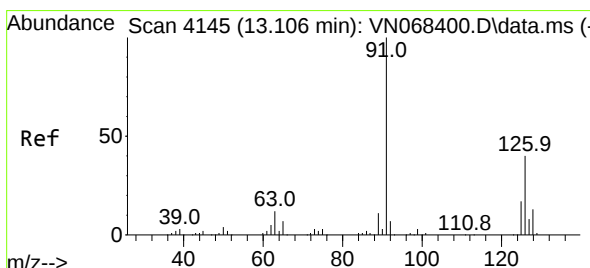
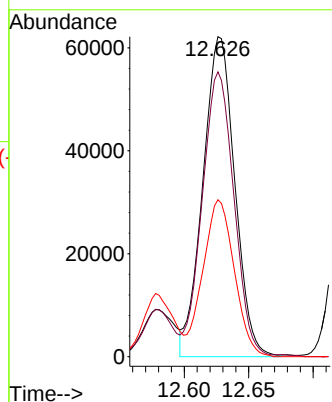
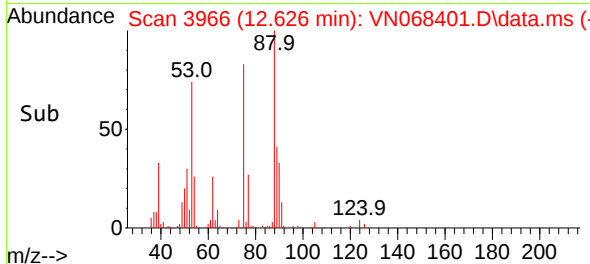
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



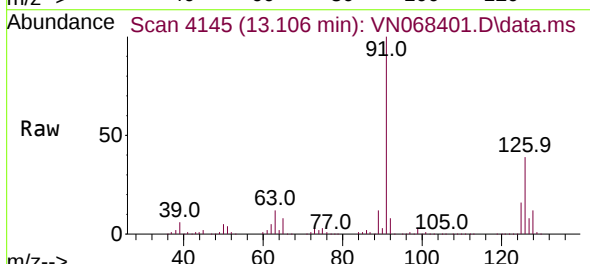
Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.8	55.2	165.6
89	49.3	24.5	73.5

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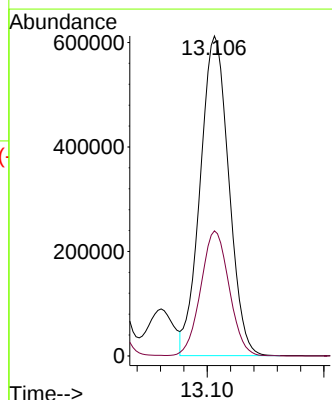
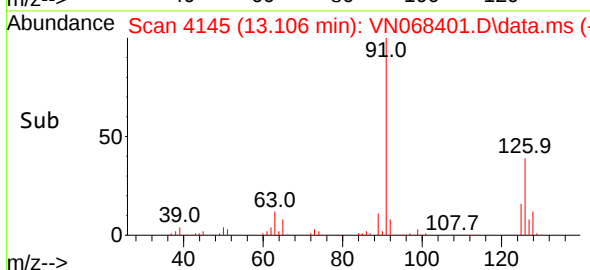
MMDadoda
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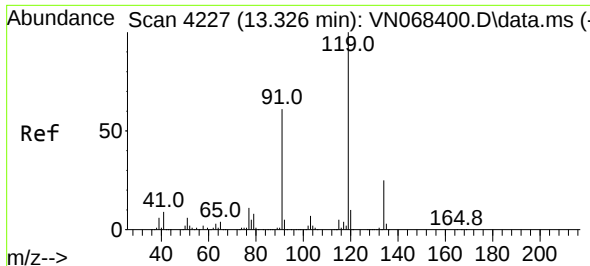


#78
4-Chlorotoluene
Concen: 42.512 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

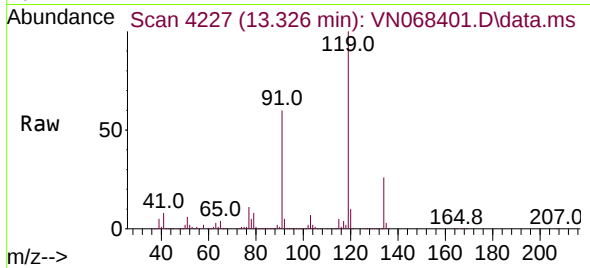


Tgt Ion	Ratio	Lower	Upper
91	100		
126	39.0	0.0	57.6

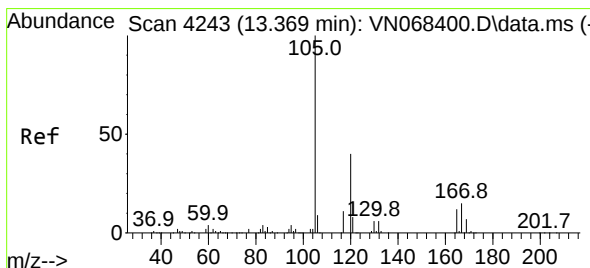
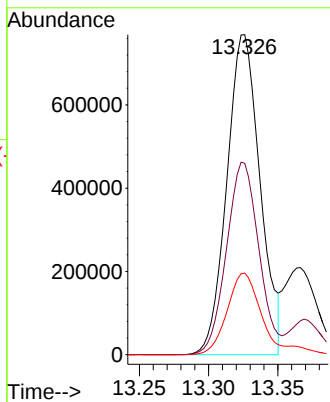
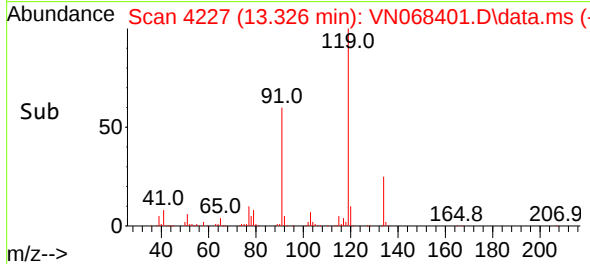




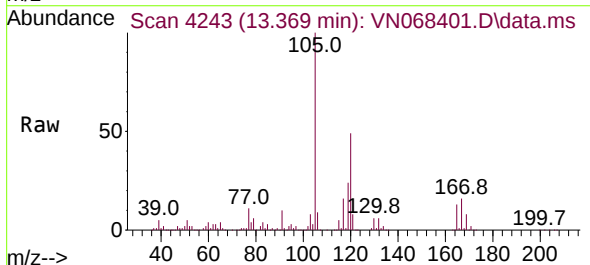
#79
tert-butylbenzene
Concen: 49.127 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



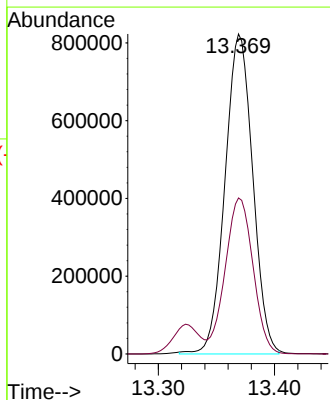
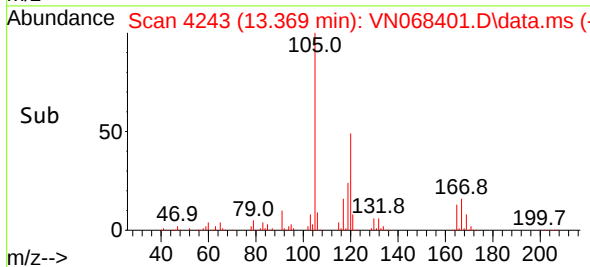
Tgt Ion:119 Resp: 1284498
Ion Ratio Lower Upper
119 100
91 59.1 0.0 158.4
134 25.7 0.0 43.6



#80
1,2,4-Trimethylbenzene
Concen: 45.579 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



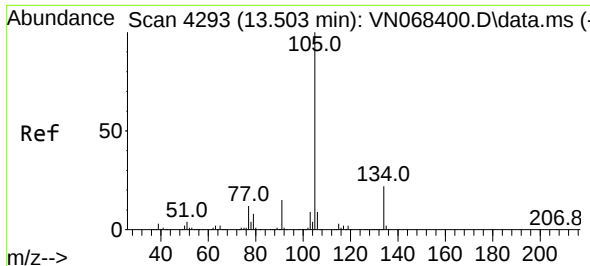
Tgt Ion:105 Resp: 1361567
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4



Instrument :
MSVOA_N
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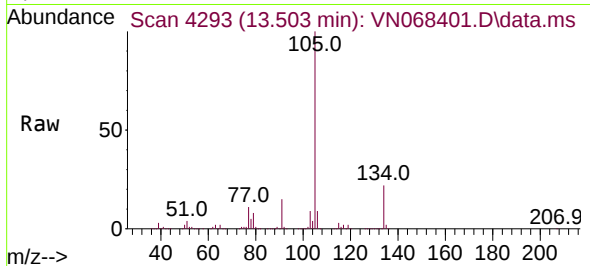
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#81
 sec-Butylbenzene
 Concen: 47.749 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068401.D
 Acq: 3 Sep 2021 11:49

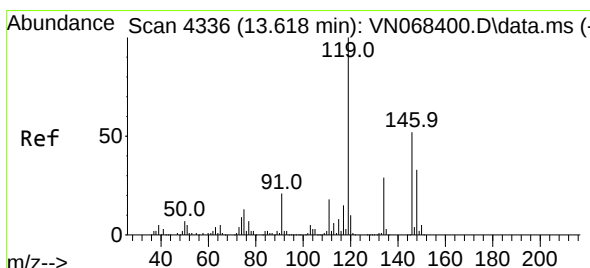
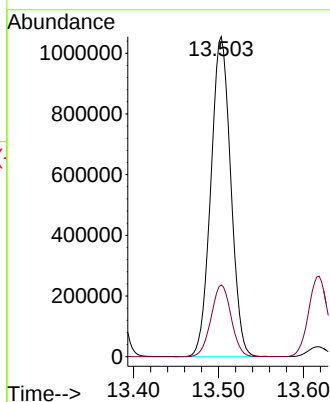
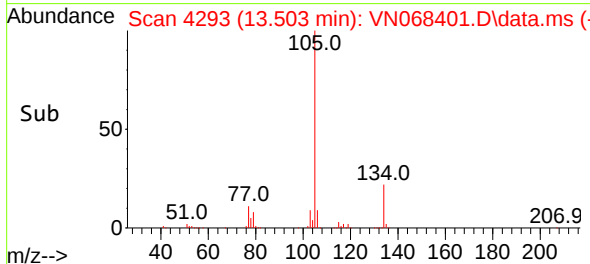
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



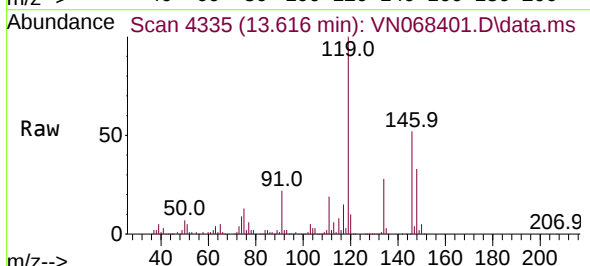
Tgt Ion:105 Resp: 1713948
 Ion Ratio Lower Upper
 105 100
 134 22.6 0.0 35.4

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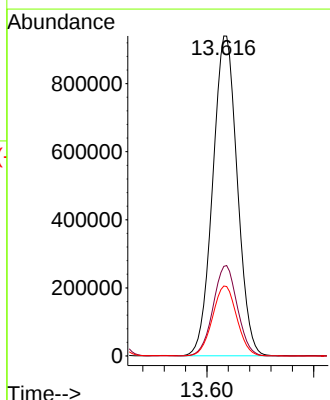
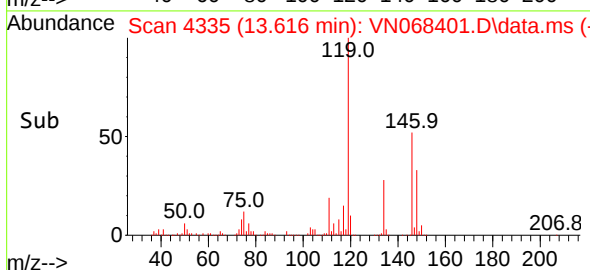
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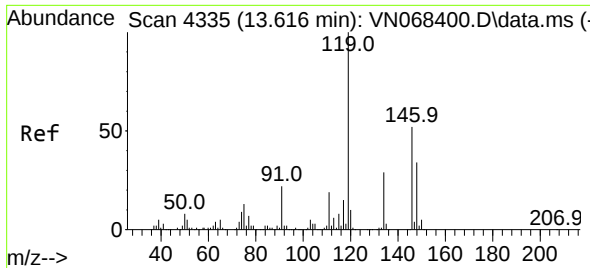


#82
 p-Isopropyltoluene
 Concen: 49.424 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN068401.D
 Acq: 3 Sep 2021 11:49



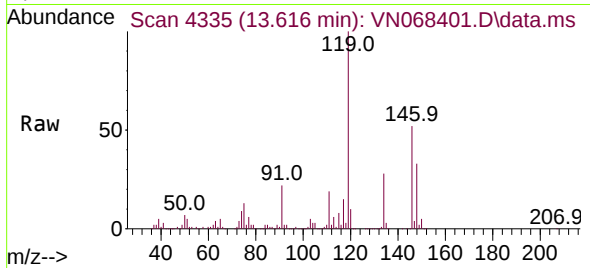
Tgt Ion:119 Resp: 1495928
 Ion Ratio Lower Upper
 119 100
 134 27.9 0.0 49.0
 91 21.7 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 50.964 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

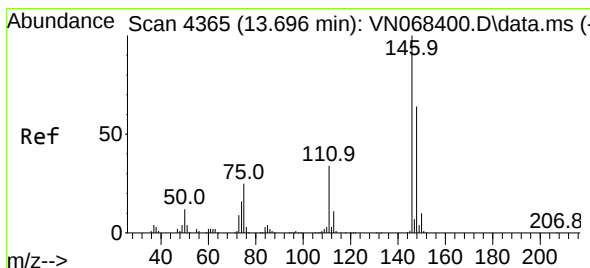
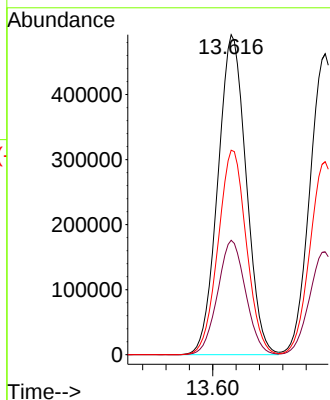
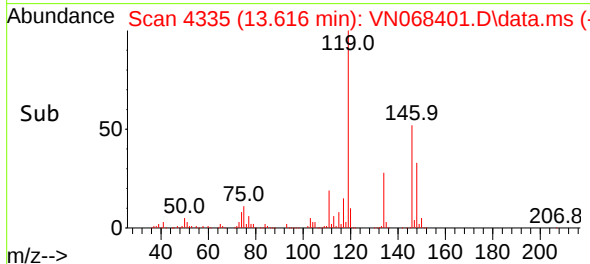
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



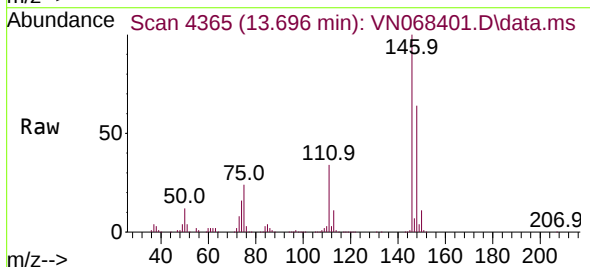
Tgt Ion:146 Resp: 828605
Ion Ratio Lower Upper
146 100
111 35.3 25.0 75.0
148 63.9 32.6 97.7

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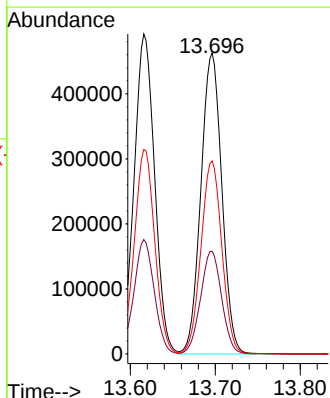
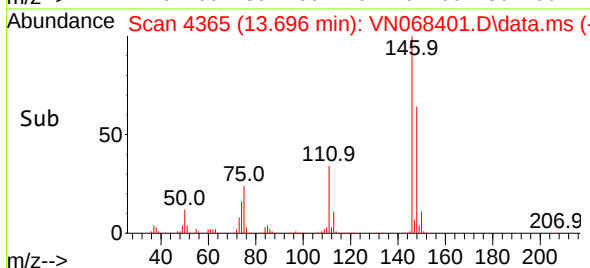
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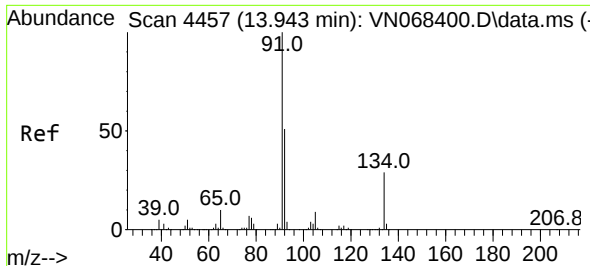


#84
1,4-Dichlorobenzene
Concen: 50.627 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



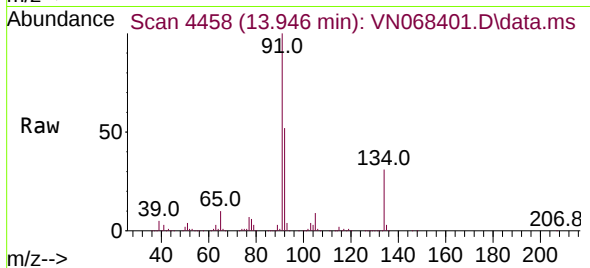
Tgt Ion:146 Resp: 792947
Ion Ratio Lower Upper
146 100
111 34.3 23.6 71.0
148 64.0 31.8 95.3





#85
n-Butylbenzene
Concen: 44.593 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

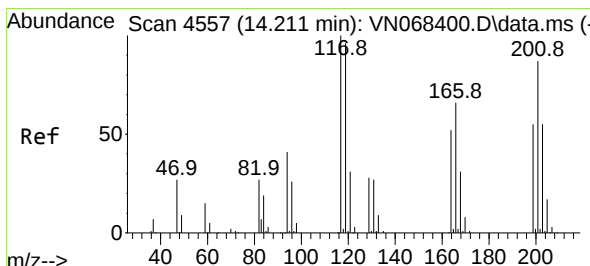
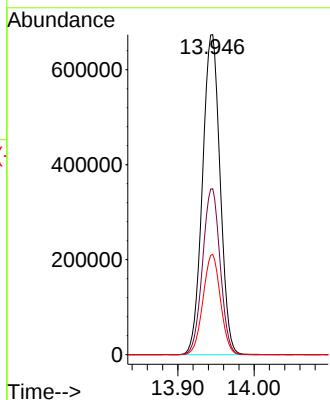
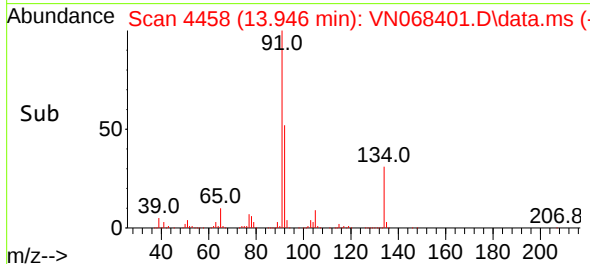
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



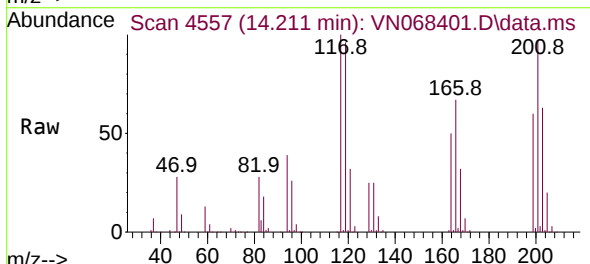
Tgt Ion: 91 Resp: 1080968
Ion Ratio Lower Upper
91 100
92 51.8 0.0 103.0
134 31.0 0.0 43.6

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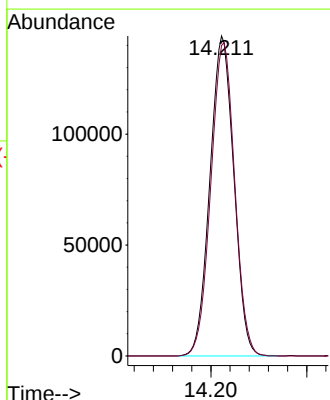
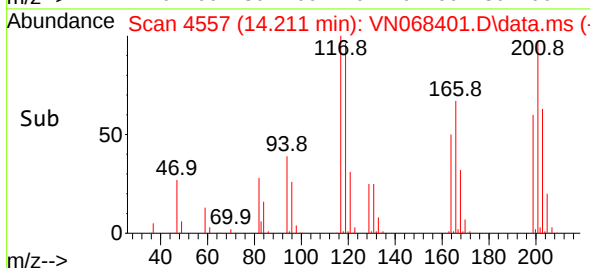
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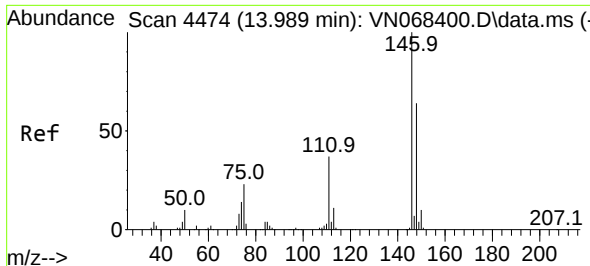


#86
Hexachloroethane
Concen: 48.041 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49



Tgt Ion: 117 Resp: 249695
Ion Ratio Lower Upper
117 100
201 97.6 33.3 99.9





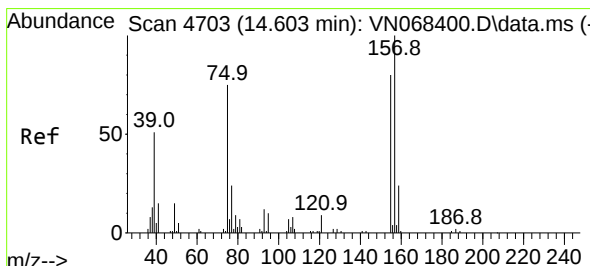
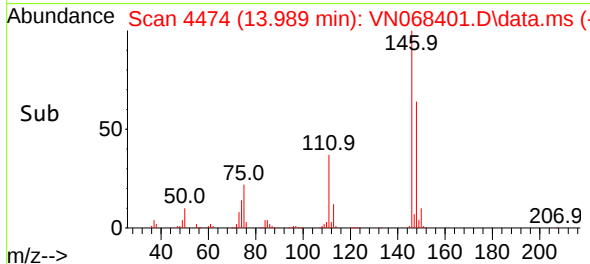
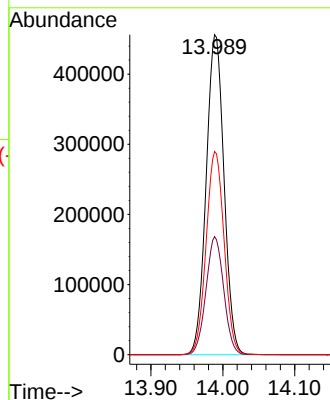
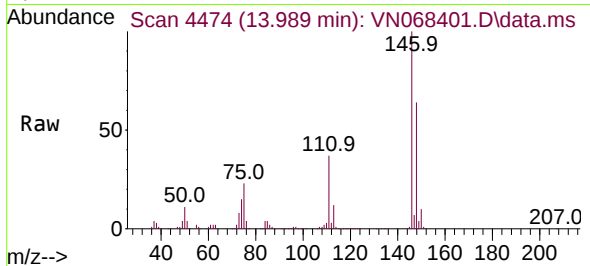
#87
1,2-Dichlorobenzene
Concen: 51.284 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:146 Resp: 787904
Ion Ratio Lower Upper
146 100
111 36.7 25.0 75.0
148 64.0 32.0 96.0

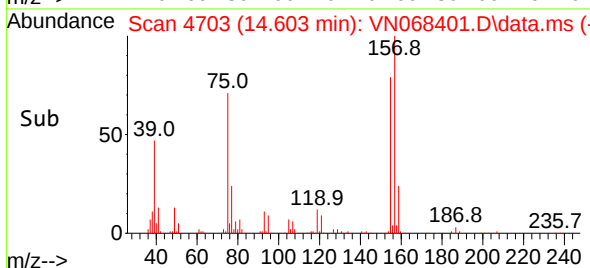
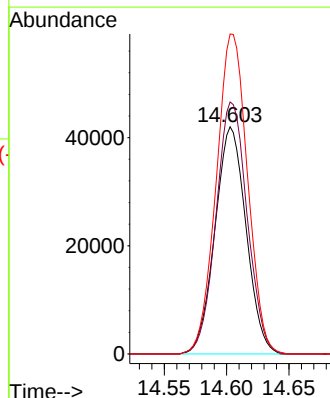
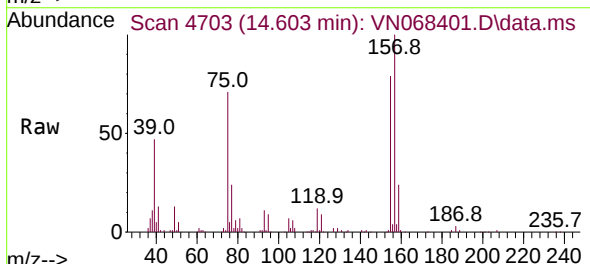
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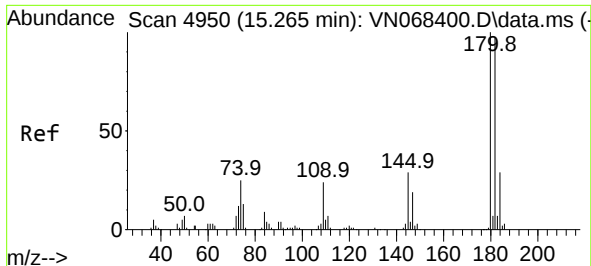
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#88
1,2-Dibromo-3-Chloropropane
Concen: 39.840 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion: 75 Resp: 72893
Ion Ratio Lower Upper
75 100
155 111.5 45.3 67.9#
157 141.6 58.6 87.8#





#89

1,2,4-Trichlorobenzene

Concen: 57.597 ug/l m

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

Tgt Ion:	180	Resp:	420883
Ion Ratio	Lower	Upper	
180	100		
182	88.4	75.9	113.9
145	27.6	28.8	43.2#

Instrument :

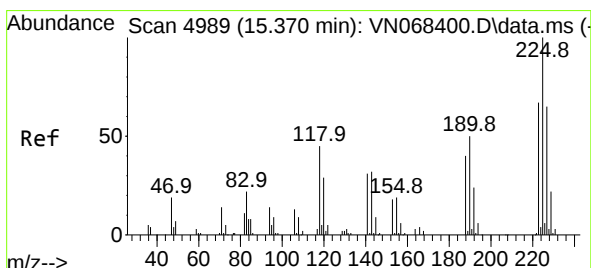
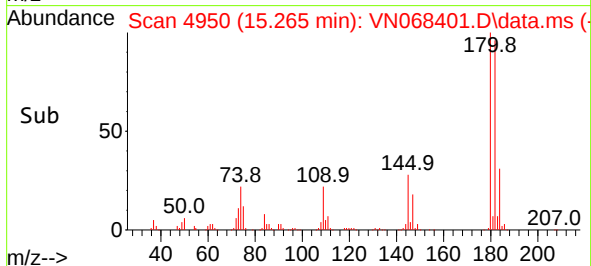
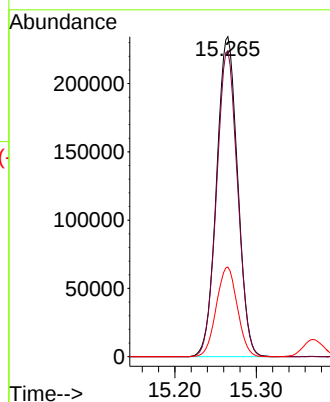
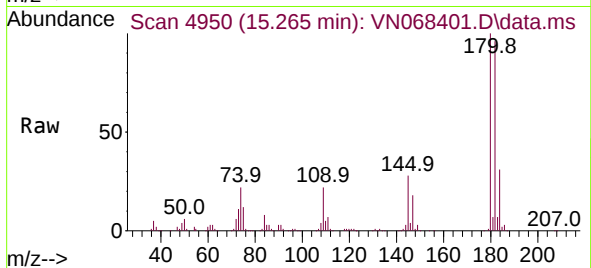
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ClientSampleId :

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#90

Hexachlorobutadiene

Concen: 70.924 ug/l

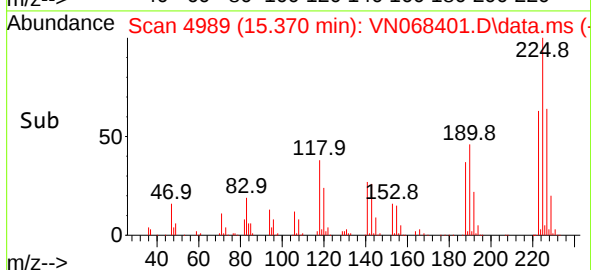
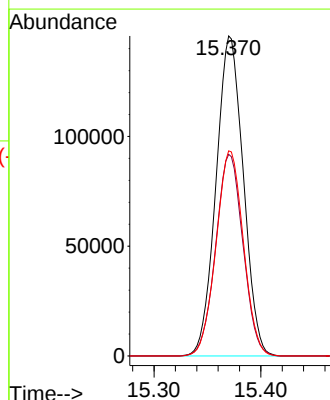
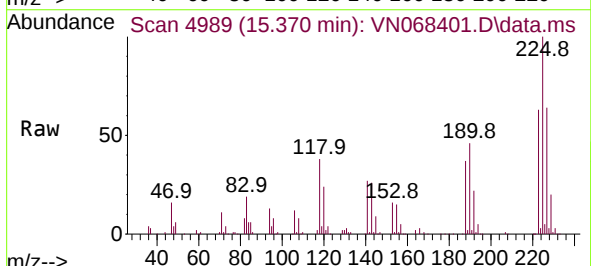
RT: 15.370 min Scan# 4989

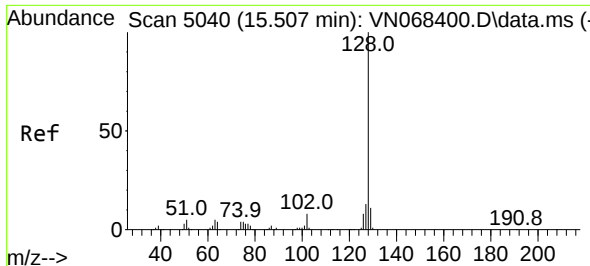
Delta R.T. 0.000 min

Lab File: VN068401.D

Acq: 3 Sep 2021 11:49

Tgt Ion:	225	Resp:	258582
Ion Ratio	Lower	Upper	
225	100		
223	63.1	0.0	129.6
227	64.2	0.0	131.2





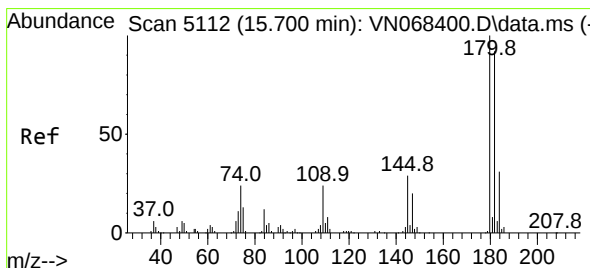
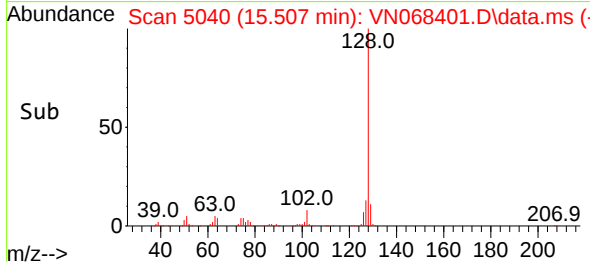
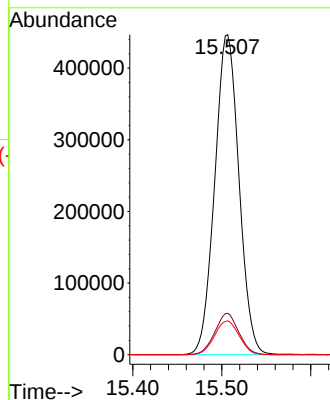
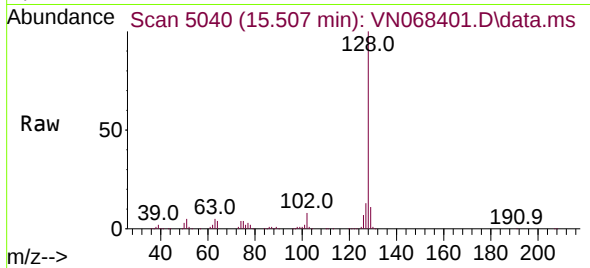
#91
Naphthalene
Concen: 44.744 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.9	13.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

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#92
1,2,3-Trichlorobenzene
Concen: 56.197 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.000 min
Lab File: VN068401.D
Acq: 3 Sep 2021 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	184.6
145	29.8	0.0	76.0

