

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068405.D
 Acq On : 3 Sep 2021 13:50
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090321

Manual Integrations
 APPROVED

Quant Time: Sep 04 03:10:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	113359	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	606253	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	544897	30.000	ug/l	# 0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.440	65	208146	30.971	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.233%	
60) 4-Bromofluorobenzene	12.734	95	235973	30.580	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.933%	
63) Toluene-d8	10.443	98	738095	30.417	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.400%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.078	85	121563	21.179	ug/l	97
3) Chloromethane	2.309	50	108404	20.874	ug/l	98
4) Vinyl Chloride	2.451	62	160875	20.789	ug/l	91
5) Bromomethane	2.859	94	166441	23.457	ug/l	92
6) Chloroethane	3.025	64	117726m	21.325	ug/l	
7) Trichlorofluoromethane	3.384	101	220577	20.839	ug/l	96
8) Diethyl Ether	3.832	74	68212	20.288	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.221	101	124847	20.746	ug/l	82
10) 1,1-Dichloroethene	4.191	96	114831	20.308	ug/l	# 77
11) Methyl Iodide	4.433	142	162268	17.838	ug/l	85
12) Methyl Acetate	4.859	43	114652	20.146	ug/l	# 83
13) Acrolein	4.047	56	43583	85.441	ug/l	# 60
14) Acrylonitrile	5.559	53	234514	101.619	ug/l	99
15) Acetone	4.291	58	79276	116.875	ug/l	80
16) Carbon Disulfide	4.540	76	303221	20.521	ug/l	99
17) Allyl chloride	4.851	41	144701	20.892	ug/l	89
18) Methylene Chloride	5.103	84	128042	20.691	ug/l	# 82
19) trans-1,2-Dichloroethene	5.608	96	126078	20.003	ug/l	# 77
20) Diisopropyl ether	6.498	45	313204	20.691	ug/l	# 93
21) 1,1-Dichloroethane	6.393	63	203037	20.282	ug/l	# 93
22) cis-1,2-Dichloroethene	7.327	96	146817	20.047	ug/l	# 79
23) tert-Butyl Alcohol	5.364	59	96383	113.787	ug/l	# 100
24) Methyl tert-Butyl Ether	5.618	73	368728	20.071	ug/l	# 89
25) Chloroform	7.820	83	235323	20.014	ug/l	99
26) Cyclohexane	8.099	56	179841	20.509	ug/l	# 80
29) 1,1-Dichloropropene	8.225	75	170845	19.644	ug/l	90
30) 2-Butanone	7.335	43	313914	100.881	ug/l	# 87
31) 2,2-Dichloropropane	7.329	77	197477	19.938	ug/l	# 83
32) 1,1,1-Trichloroethane	8.016	97	221750	19.412	ug/l	92
33) Carbon Tetrachloride	8.209	117	201910	19.131	ug/l	96
34) Benzene	8.461	78	499755	19.440	ug/l	# 93
35) Methacrylonitrile	7.635	41	58691	19.306	ug/l	84
36) 1,2-Dichloroethane	8.531	62	169020	19.636	ug/l	# 94
37) Trichloroethene	9.220	130	159836	19.451	ug/l	# 75
38) Methylcyclohexane	9.462	83	221750	19.641	ug/l	84
39) 1,2-Dichloropropane	9.491	63	116587	19.130	ug/l	100
40) Dibromomethane	9.580	93	94674	19.630	ug/l	76
41) Bromodichloromethane	9.765	83	179922	19.309	ug/l	# 99
42) Vinyl Acetate	6.436	43	1153940	98.050	ug/l	# 91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	126782	20.489	ug/l #	74
44) Isopropyl Acetate	8.560	43	219254	19.504	ug/l	91
45) 1,4-Dioxane	9.572	88	41070	408.717	ug/l #	85
46) Methyl methacrylate	9.561	41	88425	18.605	ug/l	83
47) n-amyl Acetate	12.388	43	144625	18.804	ug/l #	88
48) t-1,3-Dichloropropene	10.722	75	178534	19.469	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	196713	19.449	ug/l #	83
50) 1,1,2-Trichloroethane	10.899	97	131847	19.379	ug/l	95
51) Ethyl methacrylate	10.762	69	167854	19.189	ug/l	80
52) 1,3-Dichloropropane	11.047	76	201926	19.657	ug/l	98
53) Dibromochloromethane	11.240	129	158704	19.355	ug/l	97
54) 1,2-Dibromoethane	11.347	107	139259	19.582	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	55576	94.020	ug/l #	93
56) Bromoform	12.460	173	116795	18.614	ug/l #	98
58) 4-Methyl-2-Pentanone	10.331	43	637533	100.545	ug/l #	89
59) 2-Hexanone	11.087	43	449538	102.159	ug/l	88
61) Tetrachloroethene	10.980	164	162456	19.283	ug/l	89
62) Toluene	10.508	91	591674	19.790	ug/l	99
64) Chlorobenzene	11.773	112	375930	19.503	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	149007	19.308	ug/l	98
66) Ethyl Benzene	11.846	91	628299	19.523	ug/l	92
67) m/p-Xylenes	11.956	106	520596	39.451	ug/l	77
68) o-Xylene	12.283	106	253095	19.802	ug/l	76
69) Styrene	12.296	104	392071	19.429	ug/l #	90
70) Isopropylbenzene	12.581	105	653814	19.860	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.830	83	167653	19.913	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	140510m	20.358	ug/l	
73) Bromobenzene	12.862	156	177090	19.437	ug/l	51
74) n-propylbenzene	12.924	91	707622	19.899	ug/l	88
75) 2-Chlorotoluene	13.010	91	422080	20.001	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	540215	19.834	ug/l	90
77) t-1,4-Dichloro-2-butene	12.626	75	39895	19.066	ug/l	85
78) 4-Chlorotoluene	13.106	91	406185	19.630	ug/l	80
79) tert-butylbenzene	13.326	119	496132	19.924	ug/l	81
80) 1,2,4-Trimethylbenzene	13.369	105	528915m	19.992	ug/l	
81) sec-Butylbenzene	13.503	105	663037	19.835	ug/l	90
82) p-Isopropyltoluene	13.619	119	564773	19.632	ug/l	89
83) 1,3-Dichlorobenzene	13.619	146	317264	19.720	ug/l	90
84) 1,4-Dichlorobenzene	13.696	146	306508	19.761	ug/l	91
85) n-Butylbenzene	13.943	91	405571	18.908	ug/l	95
86) Hexachloroethane	14.211	117	91619	18.827	ug/l	71
87) 1,2-Dichlorobenzene	13.991	146	299332	19.573	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	14.603	75	27714	19.019	ug/l #	28
89) 1,2,4-Trichlorobenzene	15.265	180	148301	18.053	ug/l	96
90) Hexachlorobutadiene	15.370	225	93772	19.424	ug/l	96
91) Naphthalene	15.507	128	331505	19.091	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	141109	18.060	ug/l	93

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

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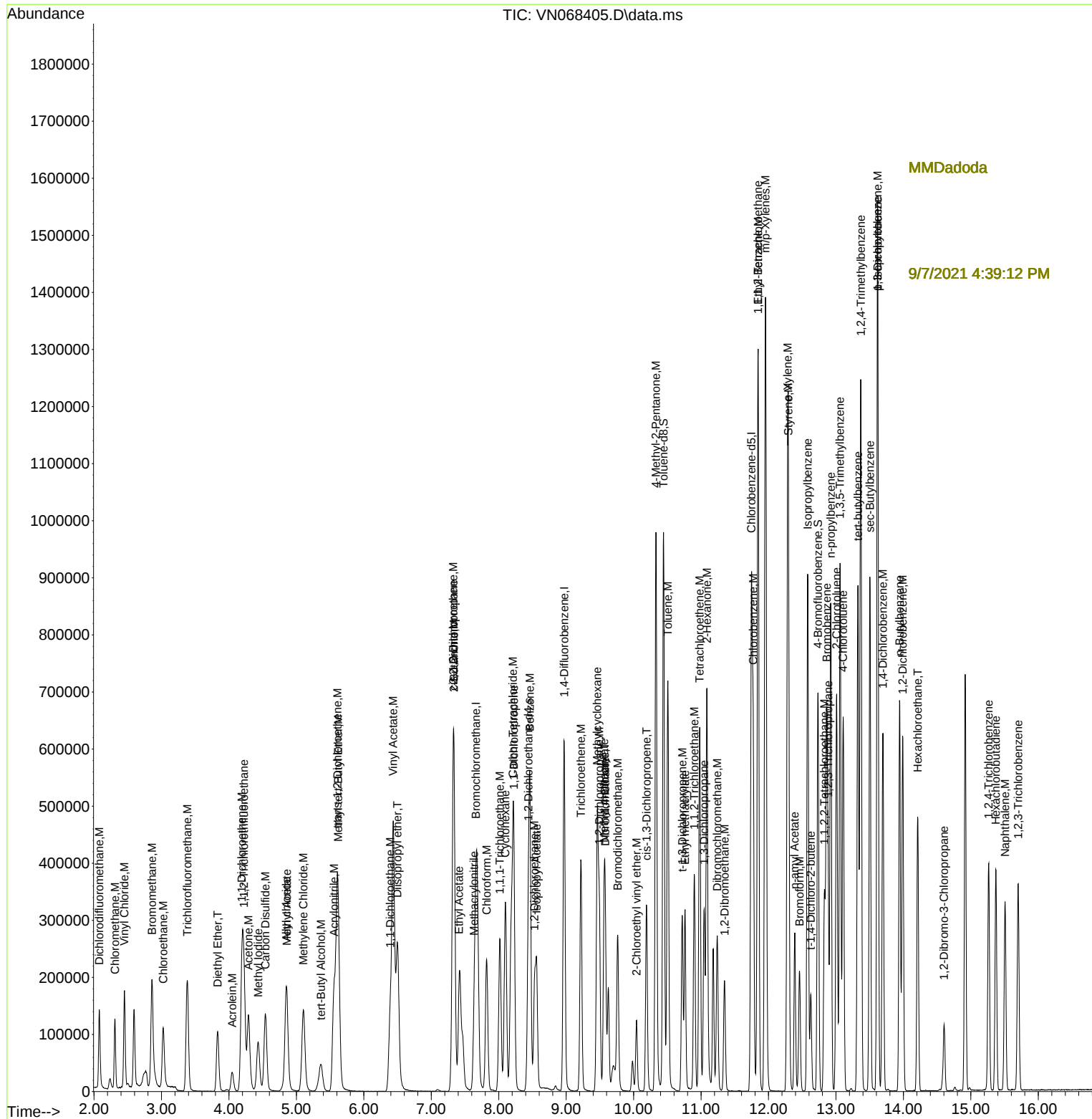
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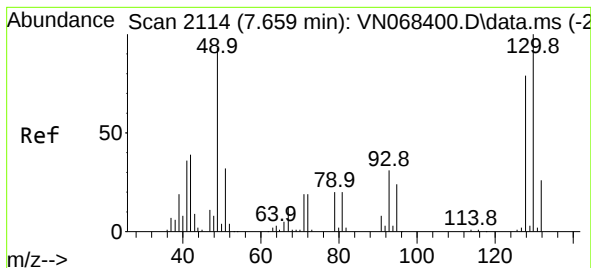
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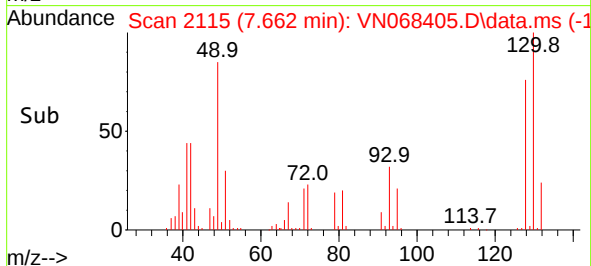
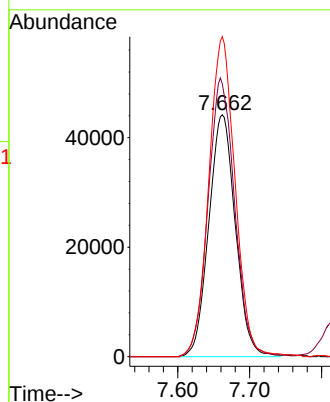
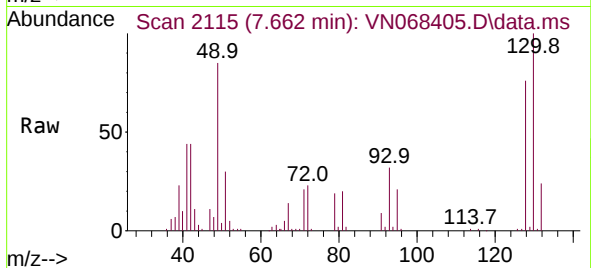


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:128 Resp: 113359
Ion Ratio Lower Upper
128 100
49 115.8 0.0 517.5
130 130.2 0.0 325.8

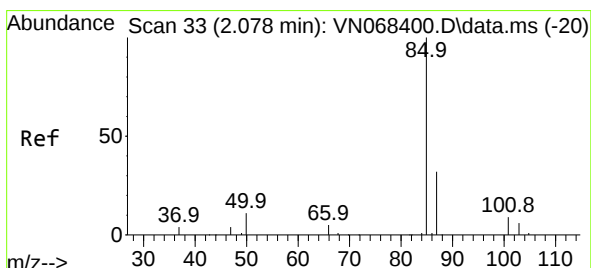
Instrument :
MSVOA_N
ClientSampled :
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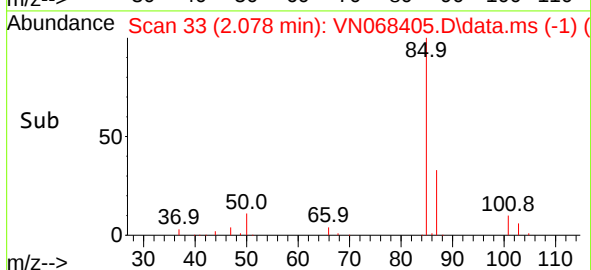
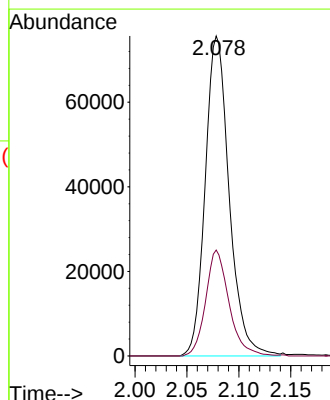
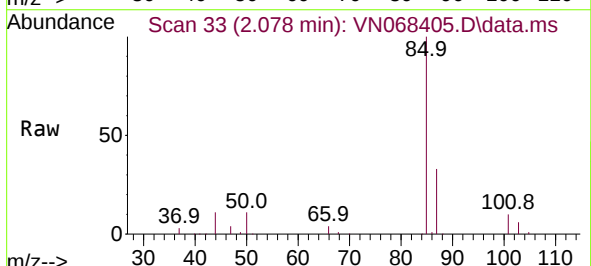
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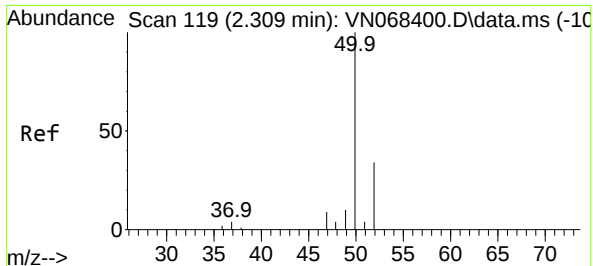
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#2
Dichlorodifluoromethane
Concen: 21.179 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 85 Resp: 121563
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0



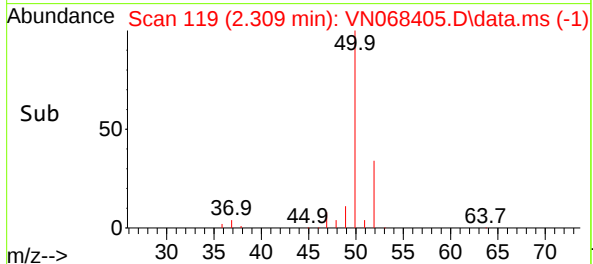
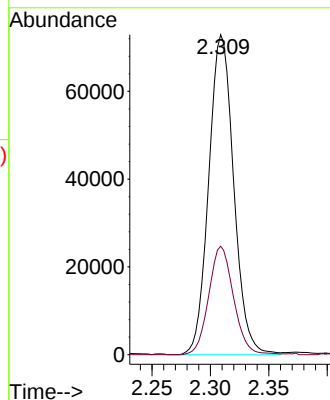
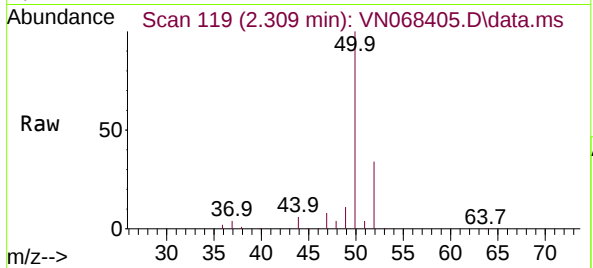


#3
Chloromethane
Concen: 20.874 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 50 Resp: 108404
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

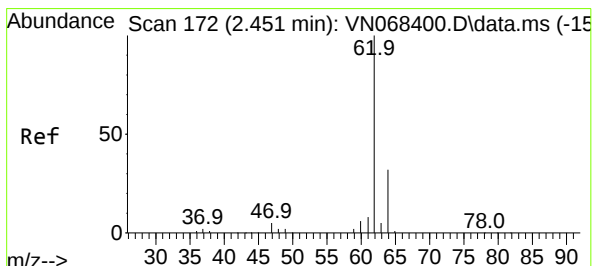
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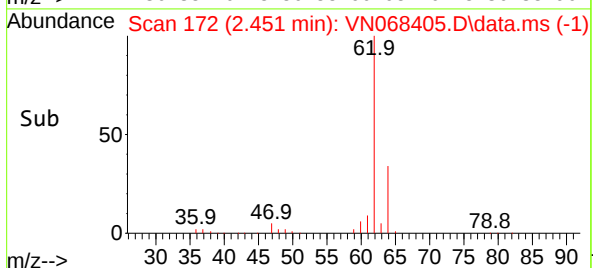
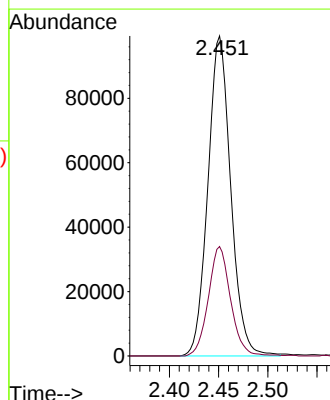
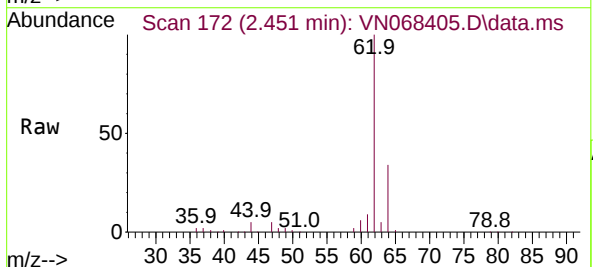
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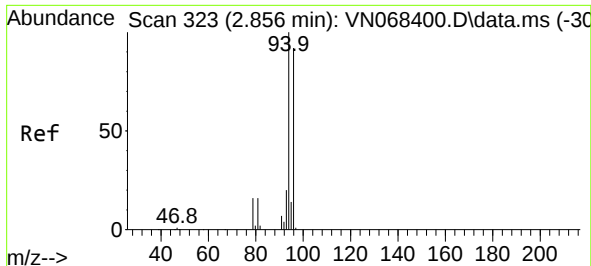
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#4
Vinyl Chloride
Concen: 20.789 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 62 Resp: 160875
Ion Ratio Lower Upper
62 100
64 34.2 23.7 35.5



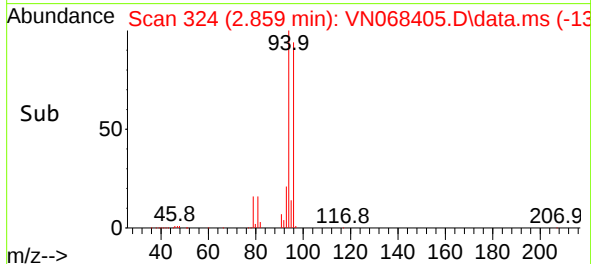
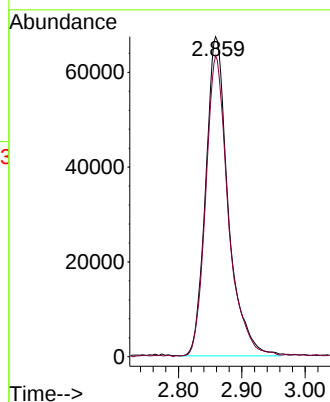
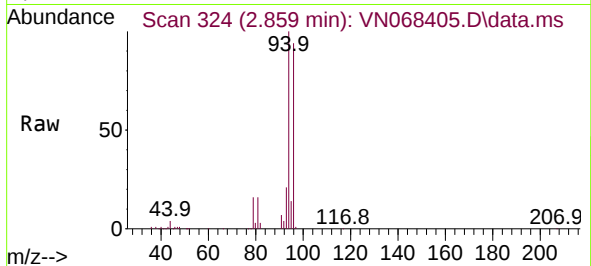


#5
Bromomethane
Concen: 23.457 ug/l
RT: 2.859 min Scan# 324
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 94 Resp: 166441
Ion Ratio Lower Upper
94 100
96 94.1 69.4 104.2

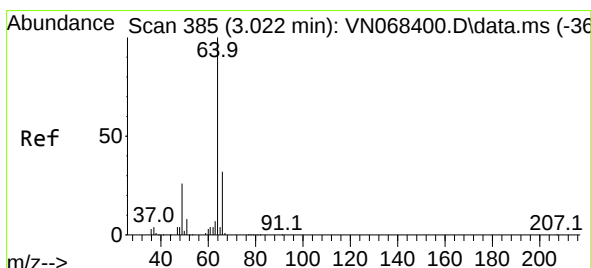
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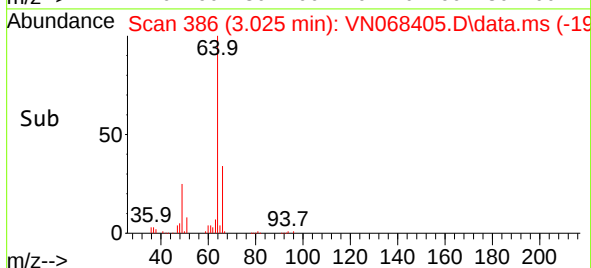
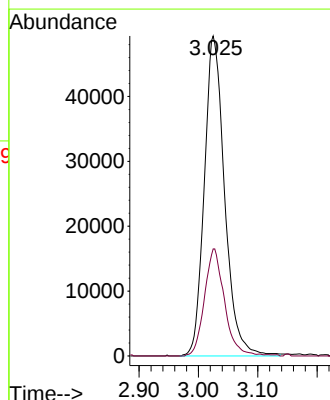
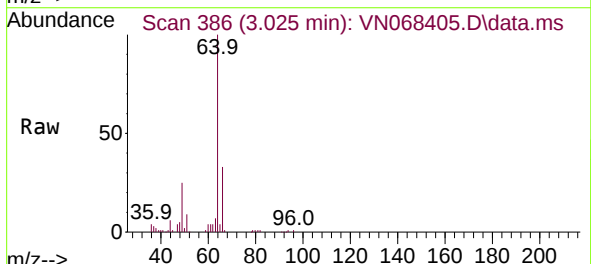
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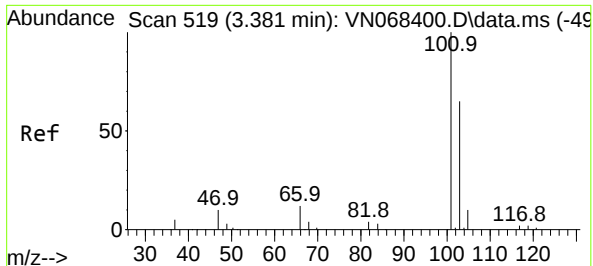
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#6
Chloroethane
Concen: 21.325 ug/l m
RT: 3.025 min Scan# 386
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 64 Resp: 117726
Ion Ratio Lower Upper
64 100
66 33.5 21.5 32.3#



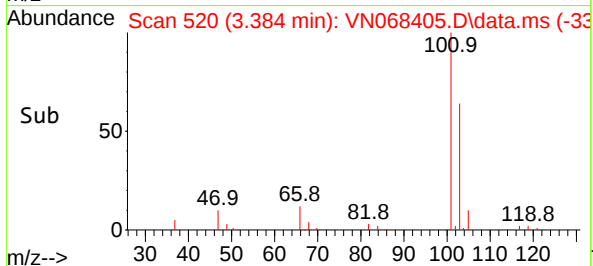
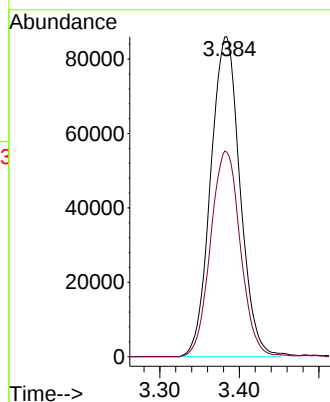
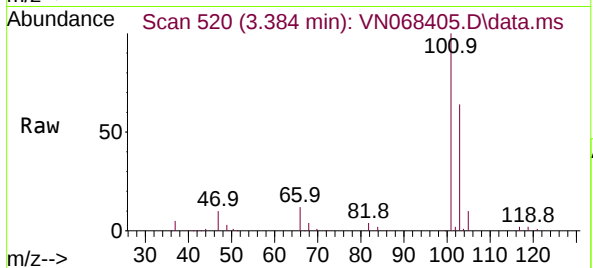


#7
Trichlorofluoromethane
Concen: 20.839 ug/l
RT: 3.384 min Scan# 520
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:101 Resp: 220577
Ion Ratio Lower Upper
101 100
103 63.9 53.7 80.5

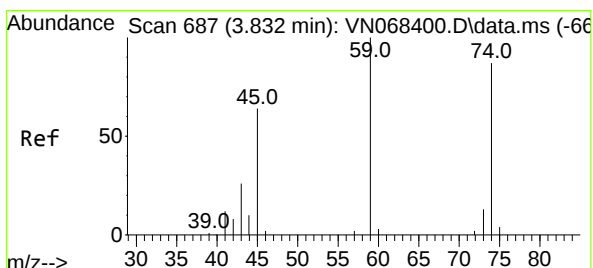
Instrument :
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ClientSampleId :
ICVVN090321

Manual Integrations
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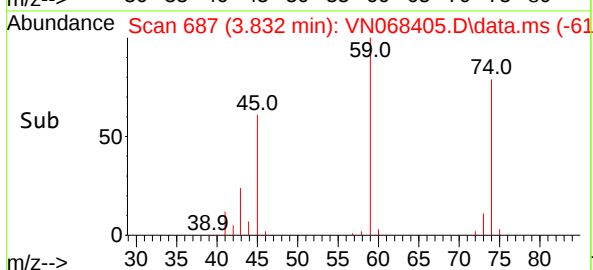
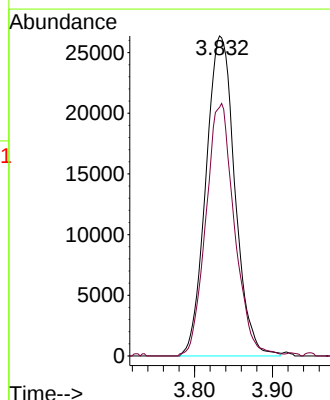
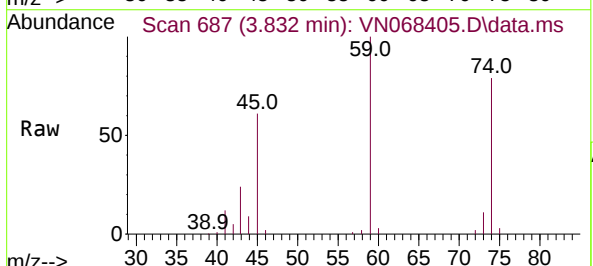
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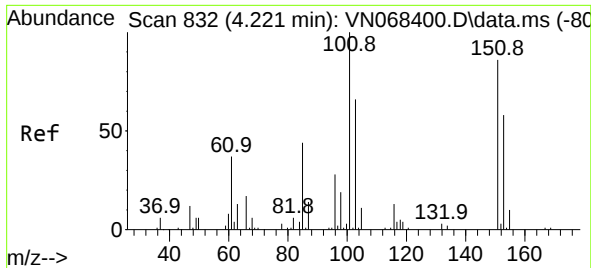
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#8
Diethyl Ether
Concen: 20.288 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 74 Resp: 68212
Ion Ratio Lower Upper
74 100
45 77.8 20.3 182.5



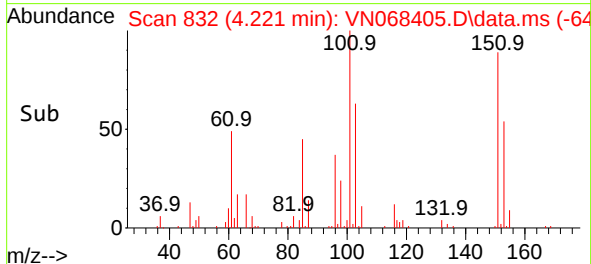
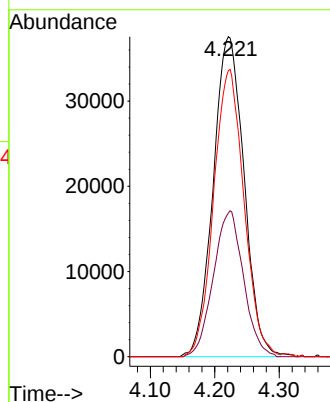
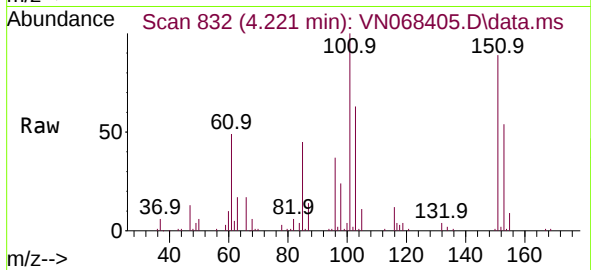


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.746 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 101 Resp: 124847
Ion Ratio Lower Upper
101 100
85 44.5 0.0 97.8
151 88.1 0.0 135.0

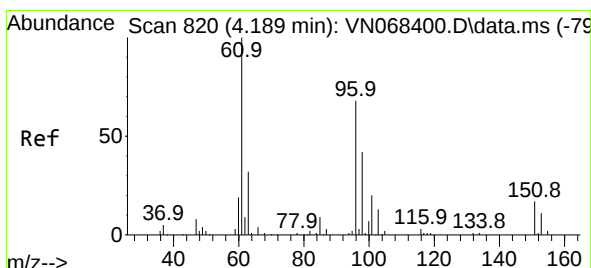
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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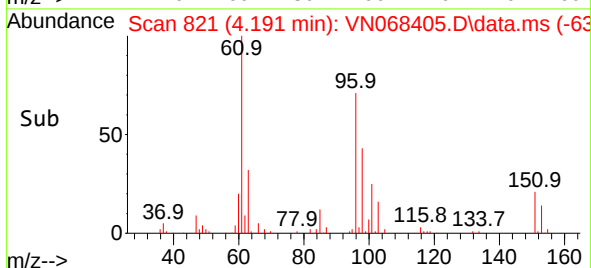
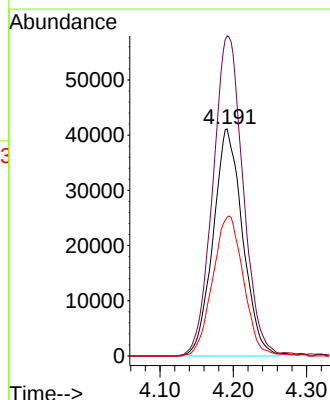
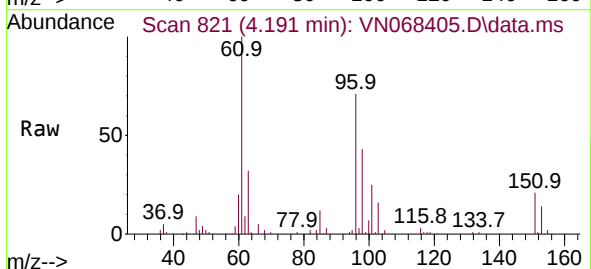
MMDadoda

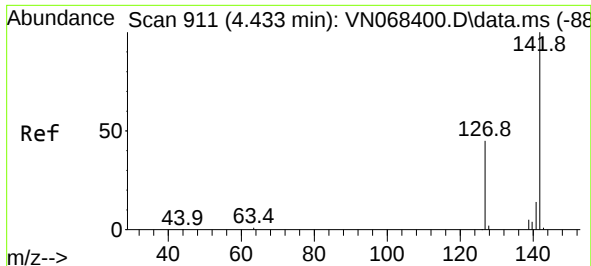
9/7/2021 4:39:12 PM



#10
1,1-Dichloroethene
Concen: 20.308 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

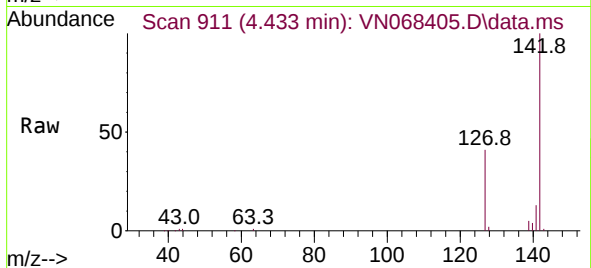
Tgt Ion: 96 Resp: 114831
Ion Ratio Lower Upper
96 100
61 140.5 148.3 222.5#
98 61.1 48.6 73.0





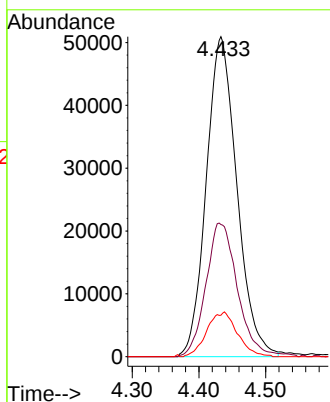
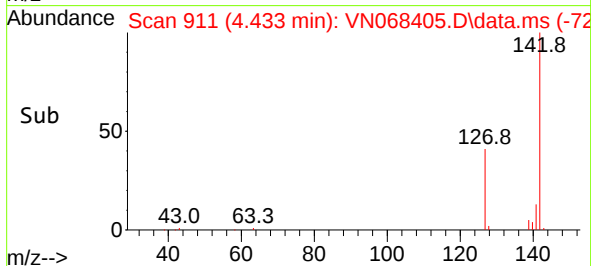
#11
Methyl Iodide
Concen: 17.838 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN090321



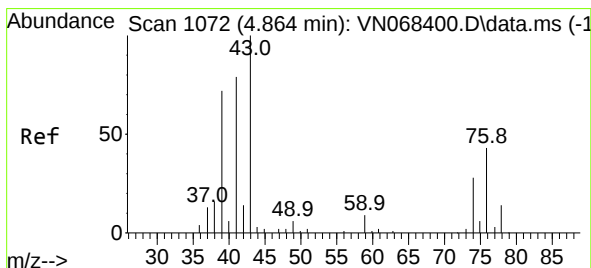
Tgt Ion:142 Resp: 162268
Ion Ratio Lower Upper
142 100
127 41.1 27.2 81.5
141 12.7 6.9 20.7

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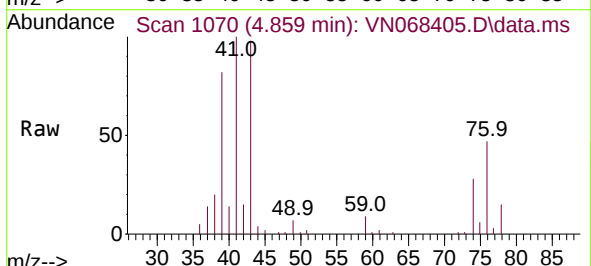


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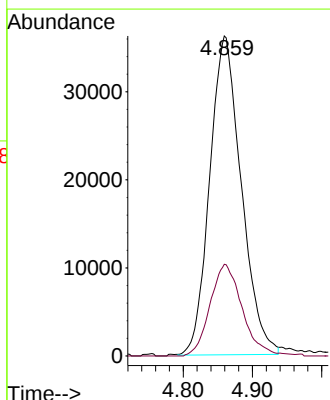
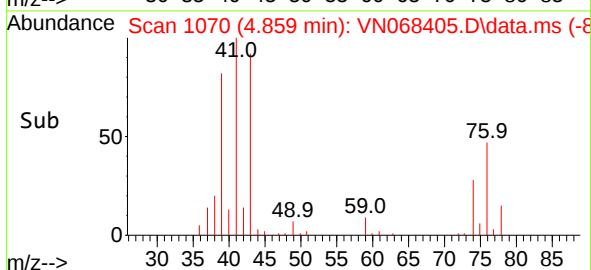
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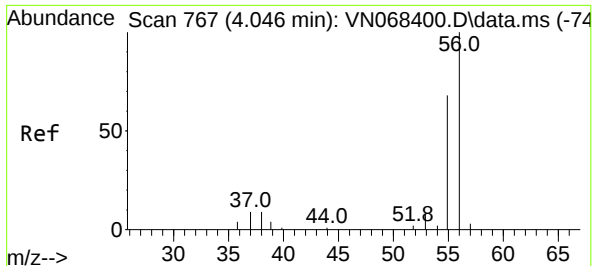


#12
Methyl Acetate
Concen: 20.146 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



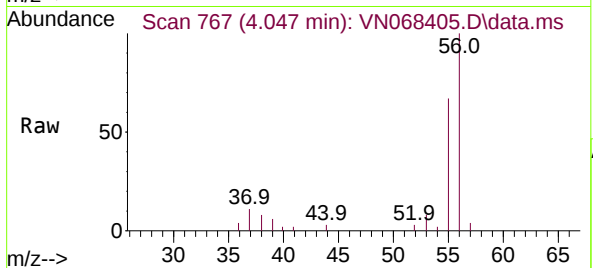
Tgt Ion: 43 Resp: 114652
Ion Ratio Lower Upper
43 100
74 28.7 16.6 25.0#





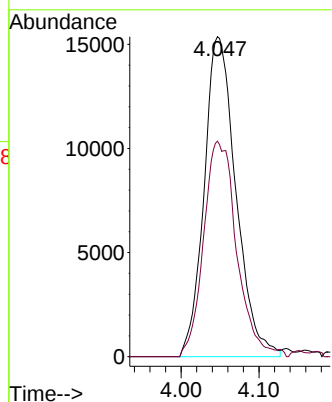
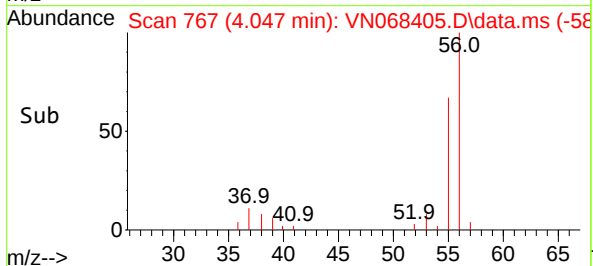
#13
Acrolein
Concen: 85.441 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN090321



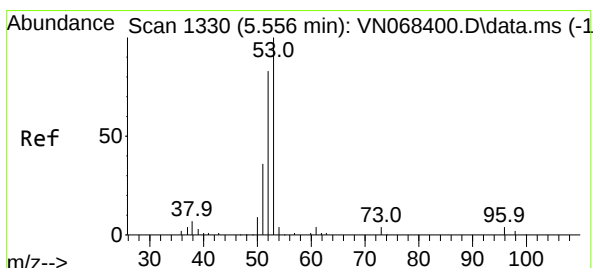
Tgt Ion: 56 Resp: 43583
Ion Ratio Lower Upper
56 100
55 38.6 57.5 86.3#

Manual Integrations
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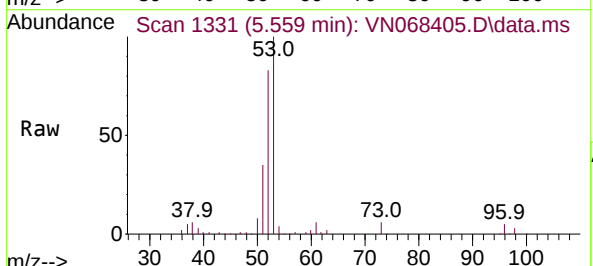


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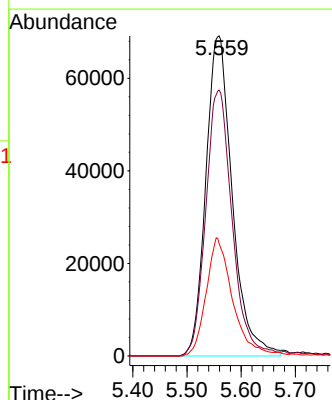
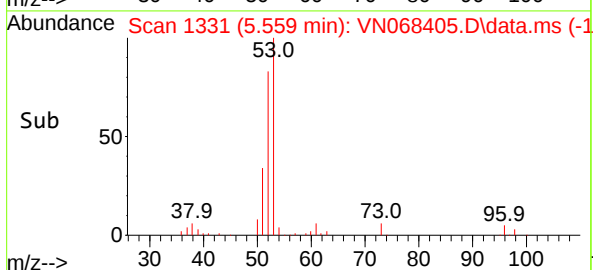
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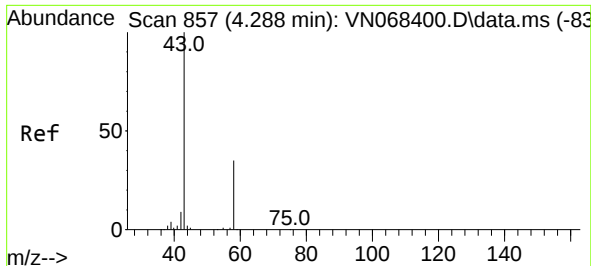


#14
Acrylonitrile
Concen: 101.619 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 53 Resp: 234514
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 36.5 18.1 54.3



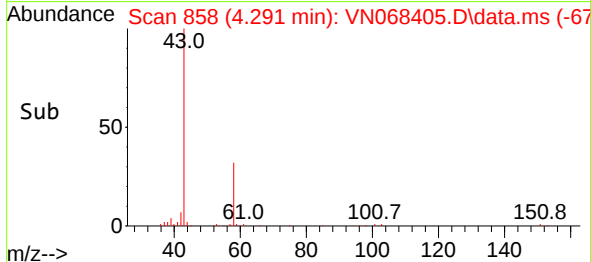
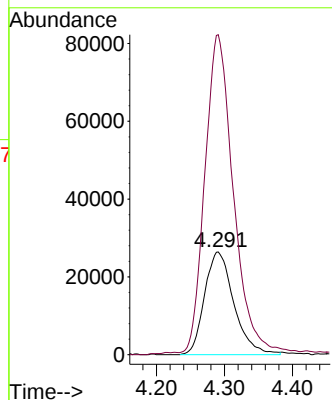
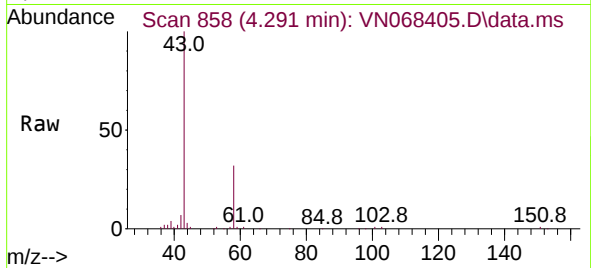


#15
Acetone
Concen: 116.875 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 58 Resp: 79276
Ion Ratio Lower Upper
58 100
43 316.6 289.6 434.4

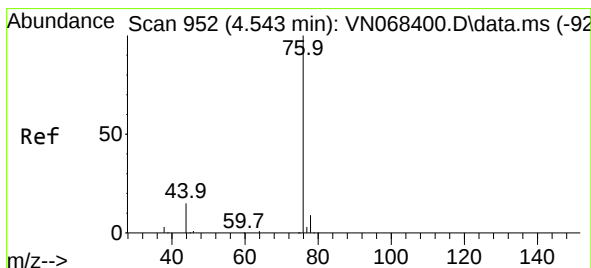
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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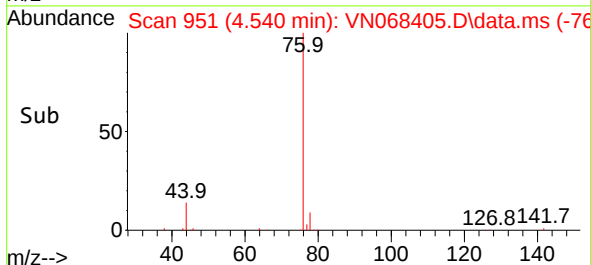
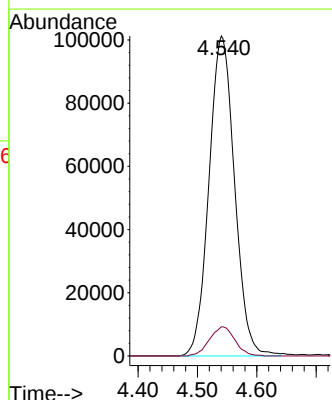
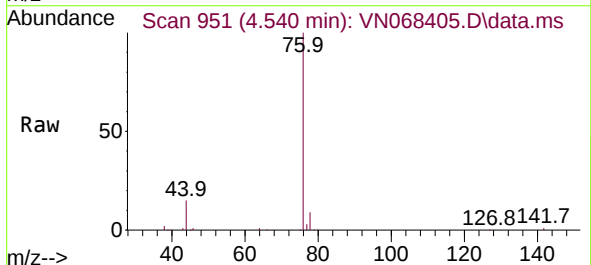
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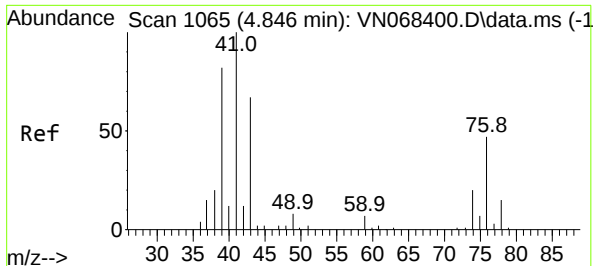
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#16
Carbon Disulfide
Concen: 20.521 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

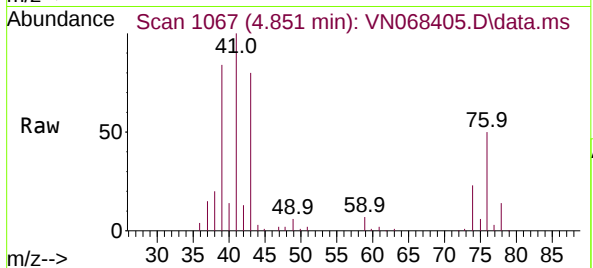
Tgt Ion: 76 Resp: 303221
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





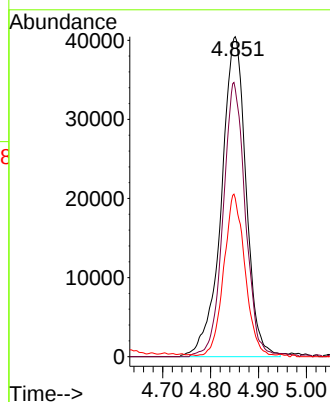
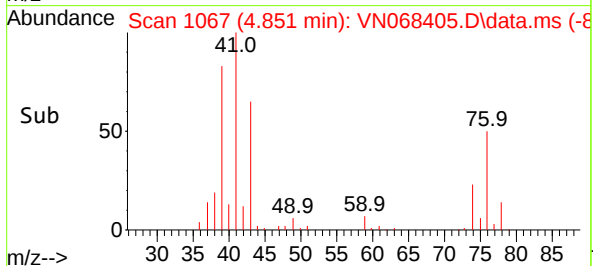
#17
Allyl chloride
Concen: 20.892 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN090321



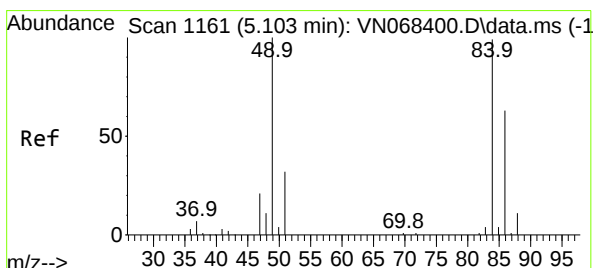
Tgt Ion: 41 Resp: 144701
Ion Ratio Lower Upper
41 100
39 83.7 39.8 119.4
76 48.8 16.8 50.4

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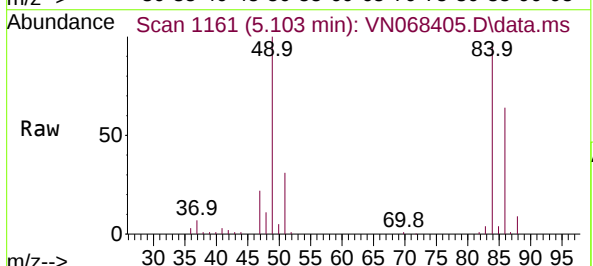


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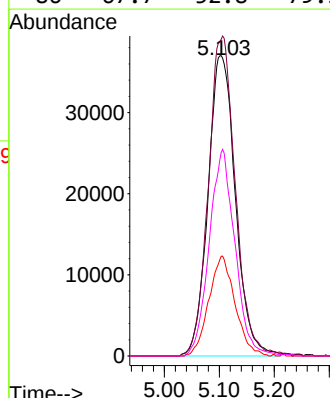
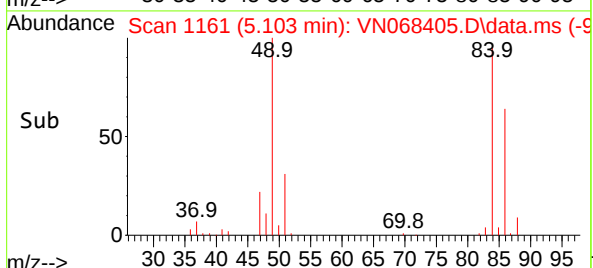
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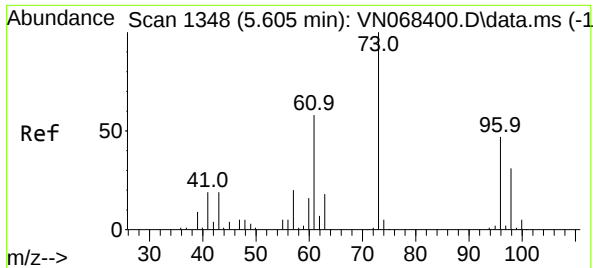


#18
Methylene Chloride
Concen: 20.691 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 84 Resp: 128042
Ion Ratio Lower Upper
84 100
49 105.4 110.9 166.3#
51 33.2 31.2 46.8
86 67.7 52.8 79.2



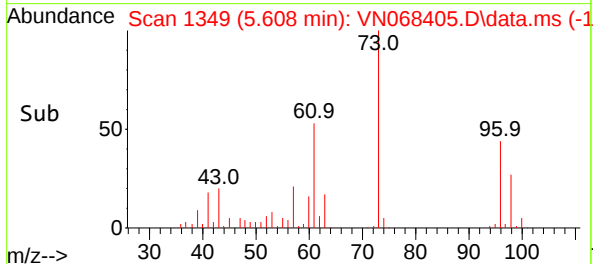
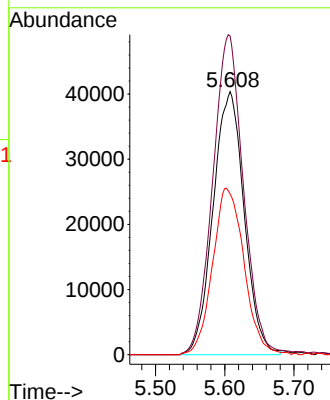
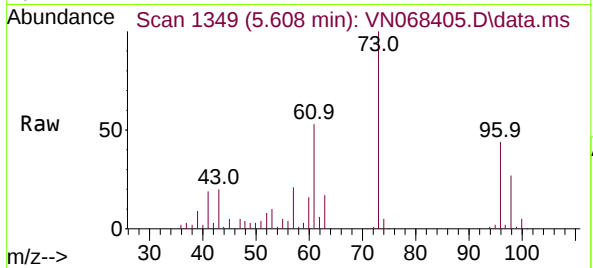


#19
trans-1,2-Dichloroethene
Concen: 20.003 ug/l
RT: 5.608 min Scan# 1349
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 96 Resp: 126078
Ion Ratio Lower Upper
96 100
61 121.2 129.3 193.9#
98 61.1 48.0 72.0

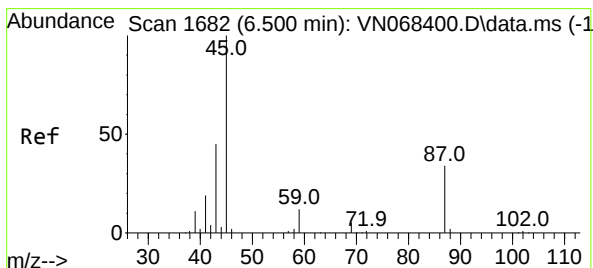
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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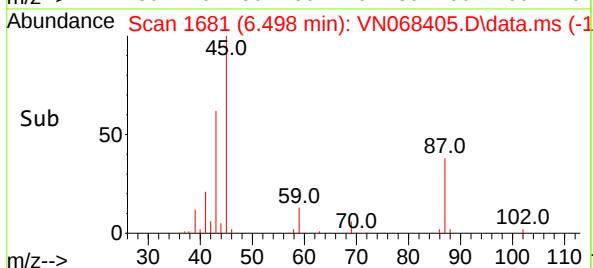
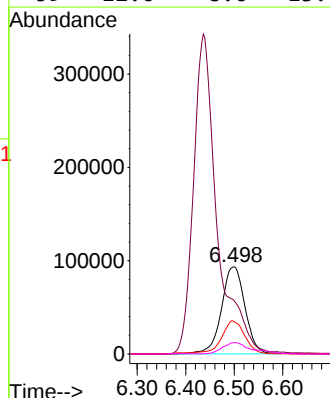
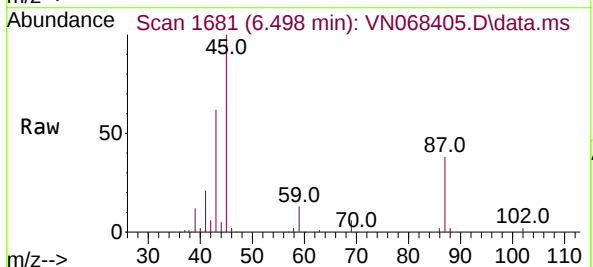
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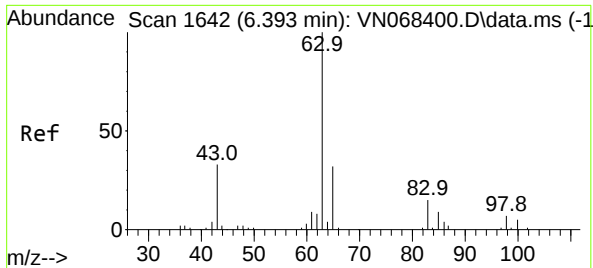
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#20
Diisopropyl ether
Concen: 20.691 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 45 Resp: 313204
Ion Ratio Lower Upper
45 100
43 60.3 48.1 72.1
87 37.6 19.8 29.6#
59 12.6 8.6 13.0



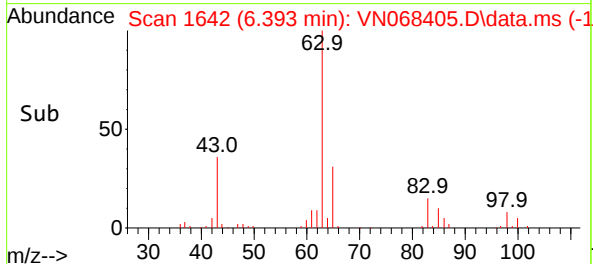
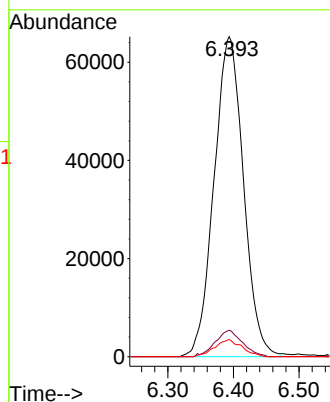
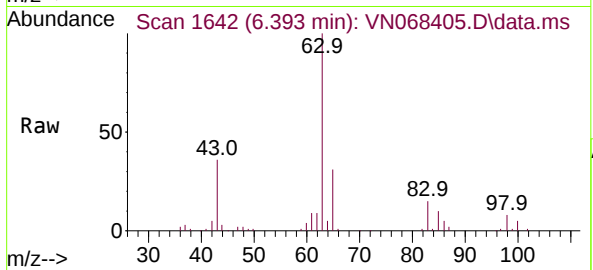


#21
1,1-Dichloroethane
Concen: 20.282 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 63 Resp: 203037
Ion Ratio Lower Upper
63 100
98 8.3 2.7 8.1#
100 5.4 1.8 5.3#

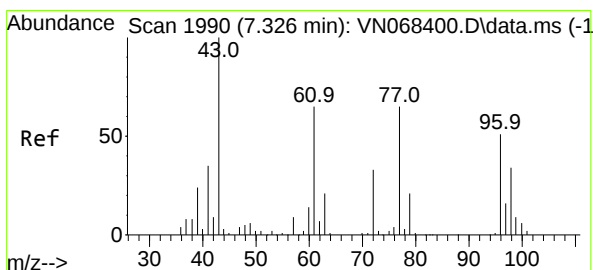
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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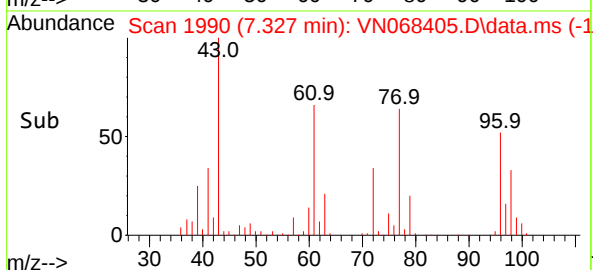
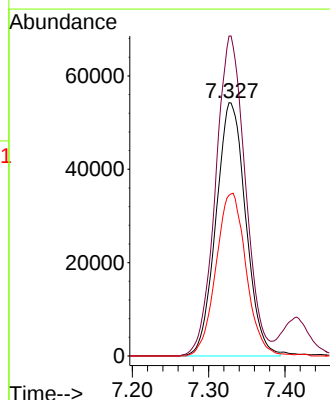
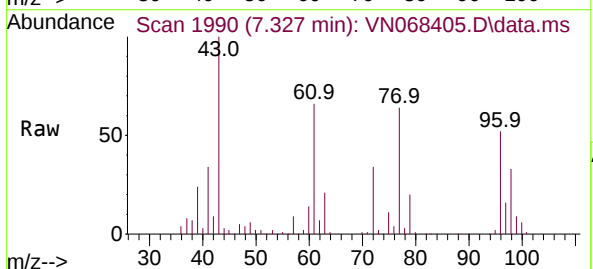
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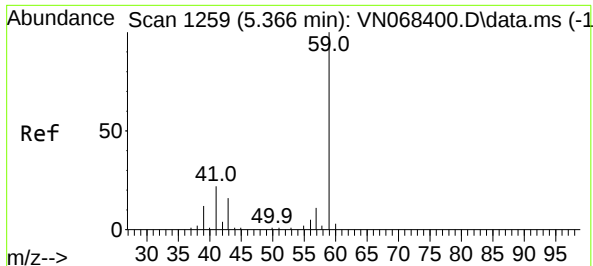
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#22
cis-1,2-Dichloroethene
Concen: 20.047 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 96 Resp: 146817
Ion Ratio Lower Upper
96 100
61 126.6 131.2 196.8#
98 65.4 50.7 76.1





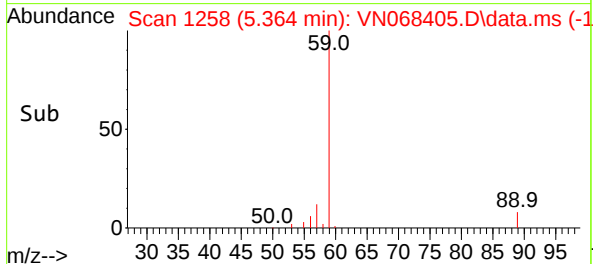
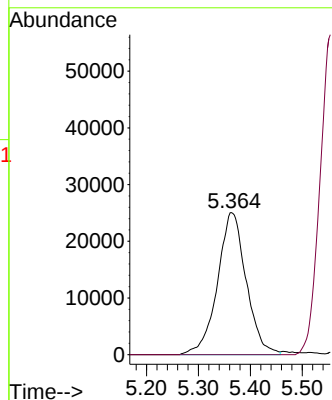
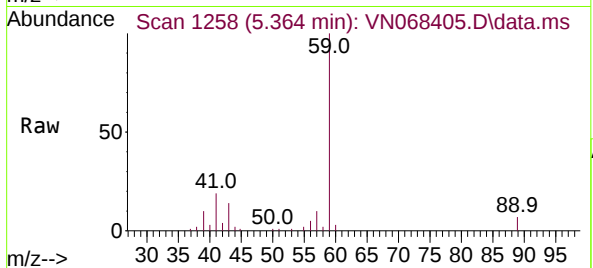
#23

tert-Butyl Alcohol
Concen: 113.787 ug/l
RT: 5.364 min Scan# 1258
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 59 Resp: 96383
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

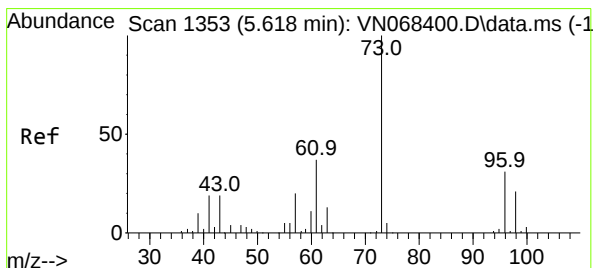
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

Manual Integrations
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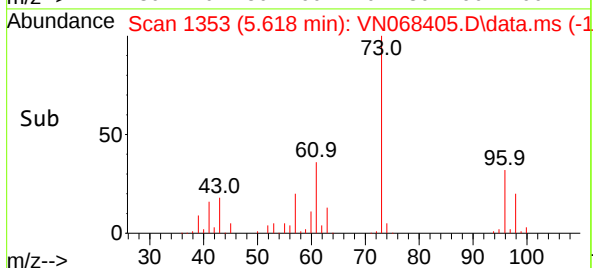
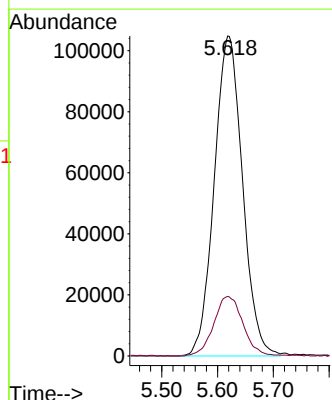
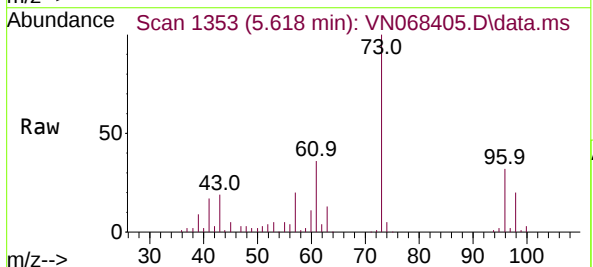
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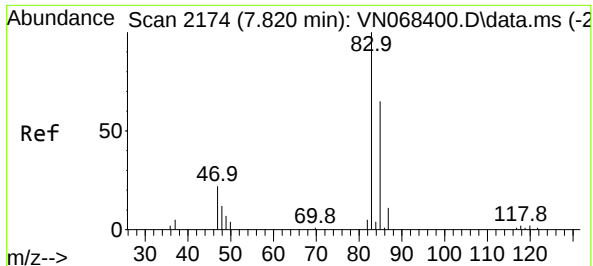


#24

Methyl tert-Butyl Ether
Concen: 20.071 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 73 Resp: 368728
Ion Ratio Lower Upper
73 100
43 19.2 20.0 30.0#





#25

Chloroform

Concen: 20.014 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068405.D

Acq: 3 Sep 2021 13:50

Tgt Ion: 83 Resp: 235323

Ion Ratio Lower Upper

83 100

85 65.5 51.5 77.3

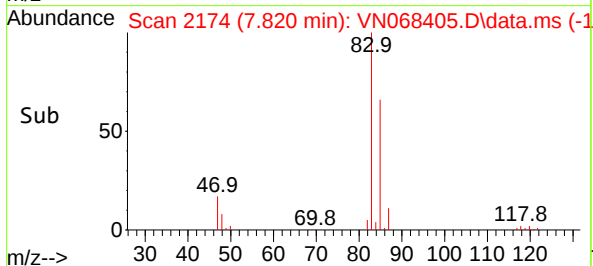
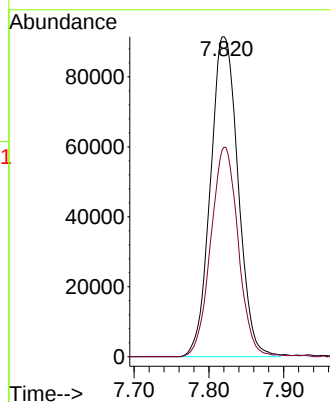
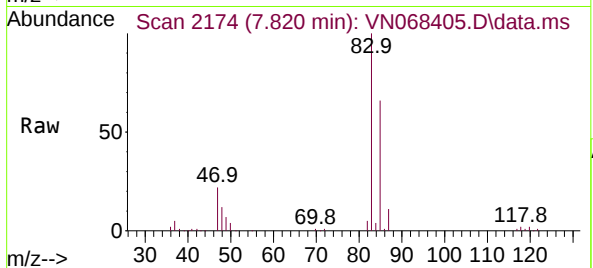
Instrument :

MSVOA_N

ClientSampled :

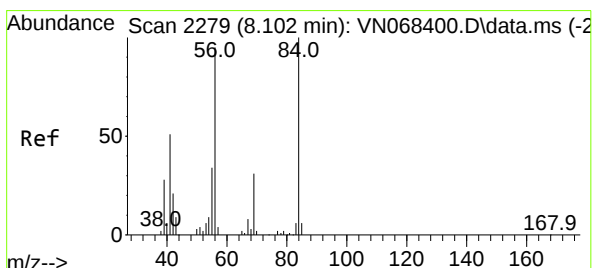
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#26

Cyclohexane

Concen: 20.509 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. -0.002 min

Lab File: VN068405.D

Acq: 3 Sep 2021 13:50

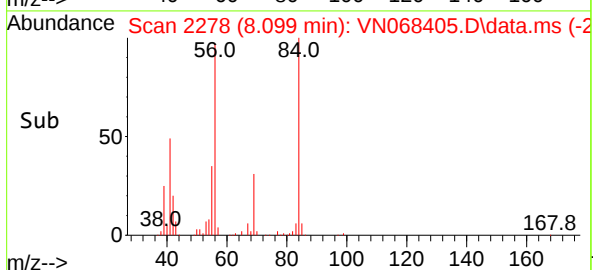
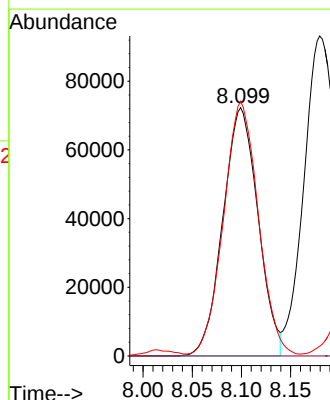
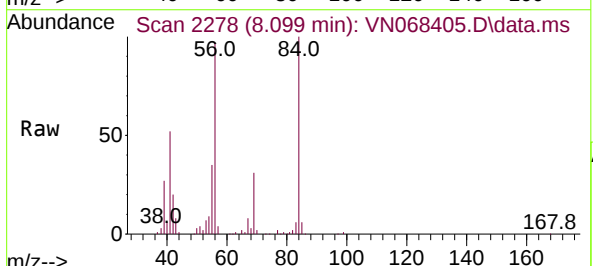
Tgt Ion: 56 Resp: 179841

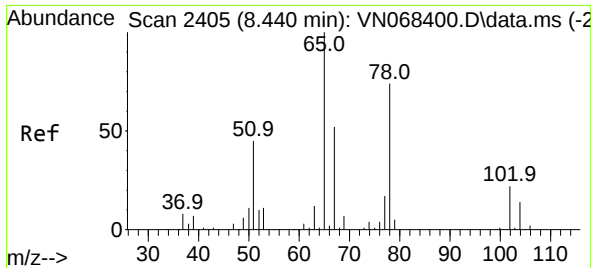
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 100.5 66.2 99.2#



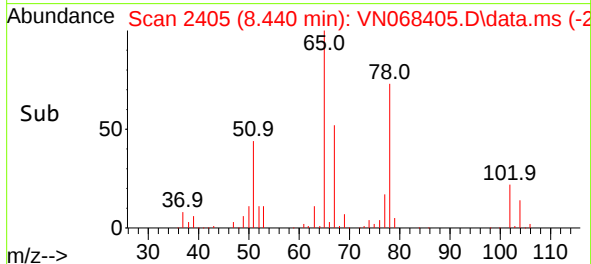
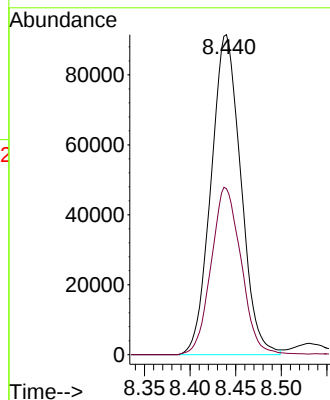
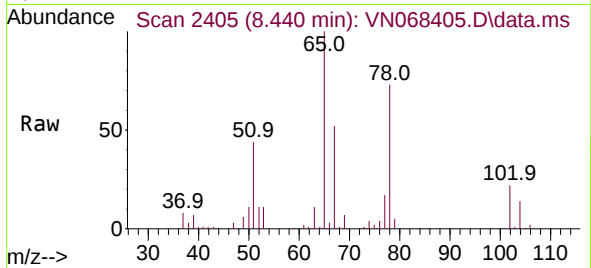


#27
1,2-Dichloroethane-d4
Concen: 30.971 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 65 Resp: 208146
Ion Ratio Lower Upper
65 100
67 52.6 39.8 59.8

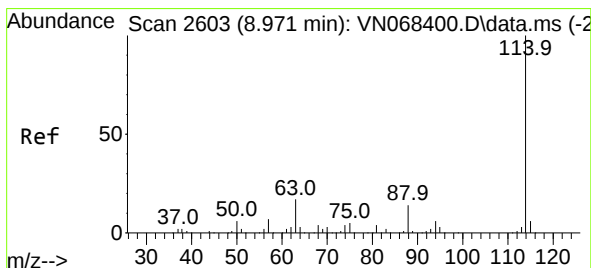
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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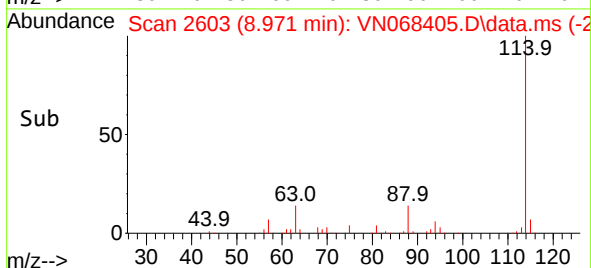
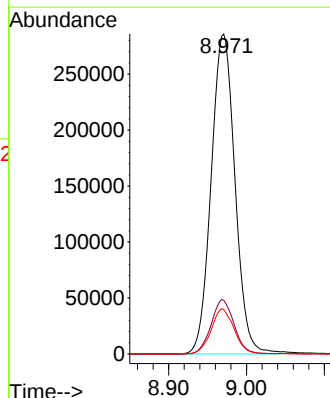
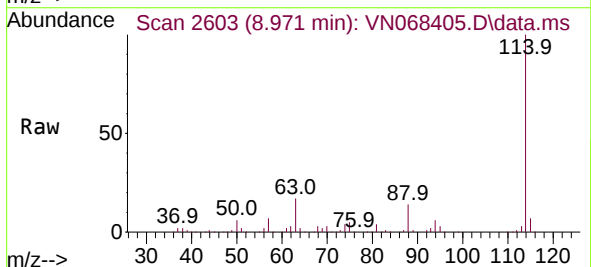
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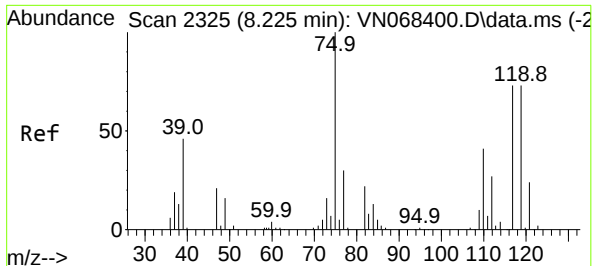
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 114 Resp: 606253
Ion Ratio Lower Upper
114 100
63 16.4 20.3 30.5#
88 13.7 14.6 22.0#





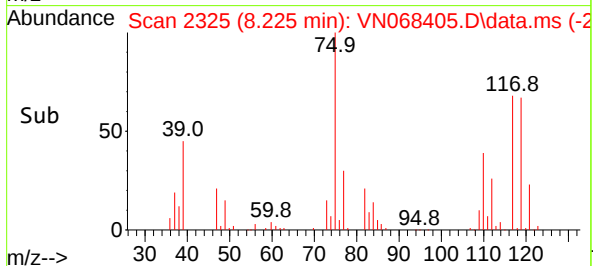
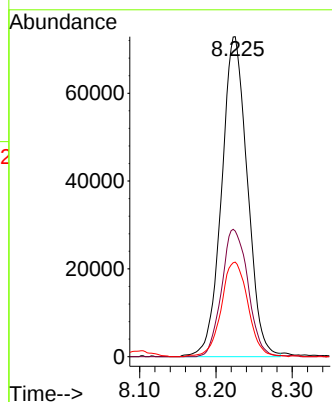
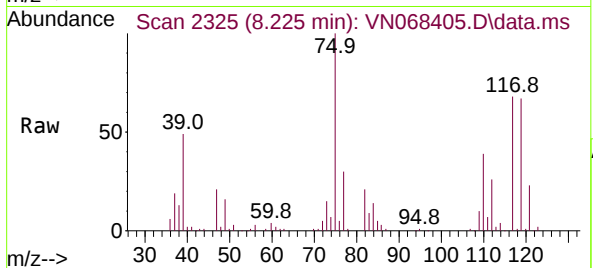
#29

1,1-Dichloropropene
Concen: 19.644 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 75 Resp: 170845
Ion Ratio Lower Upper
75 100
110 40.7 0.0 63.4
77 30.0 0.0 63.0

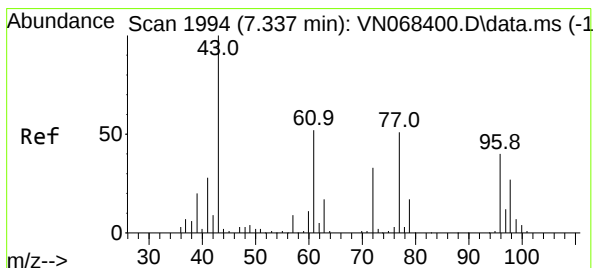
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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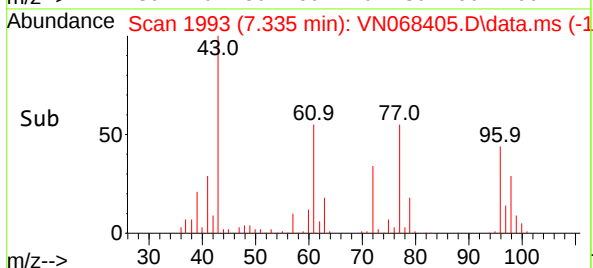
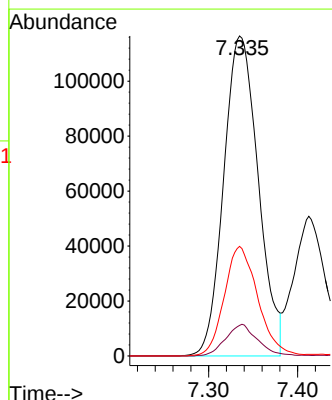
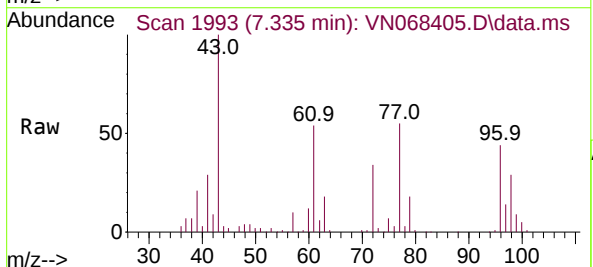
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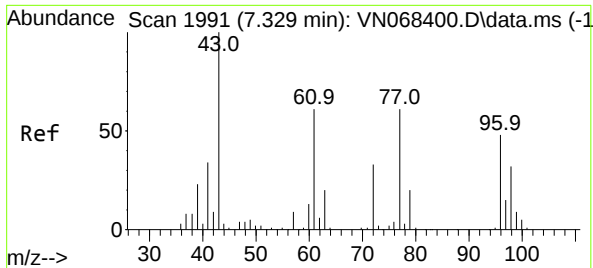


#30

2-Butanone
Concen: 100.881 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 43 Resp: 313914
Ion Ratio Lower Upper
43 100
57 9.1 6.9 10.3
72 33.3 20.0 30.0#



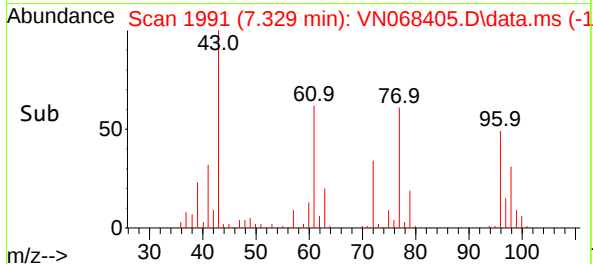
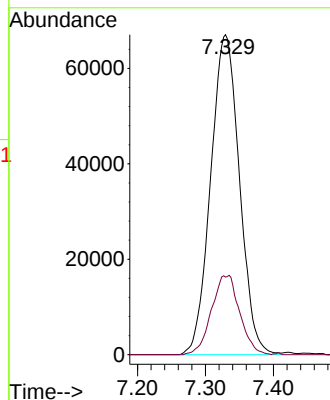
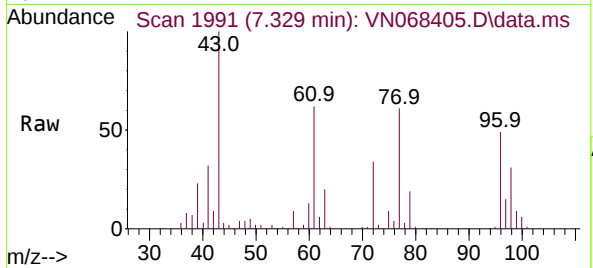


#31
2,2-Dichloropropane
Concen: 19.938 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 77 Resp: 197477
Ion Ratio Lower Upper
77 100
97 12.6 16.3 24.5#

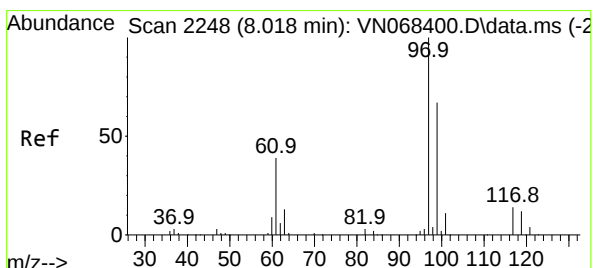
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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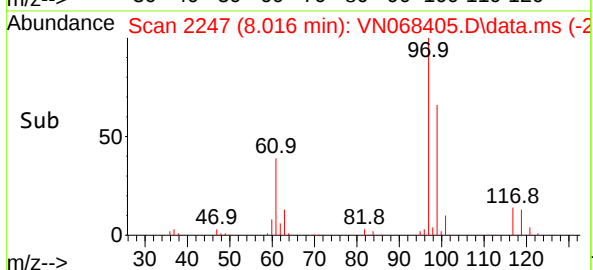
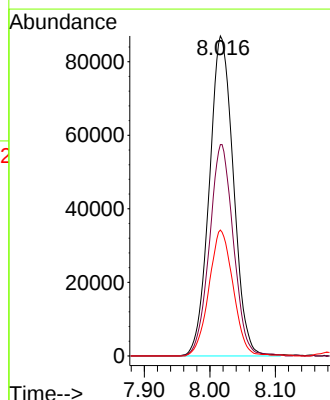
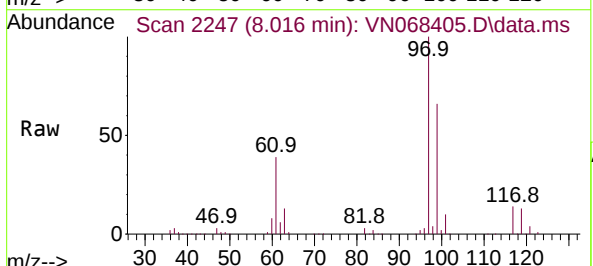
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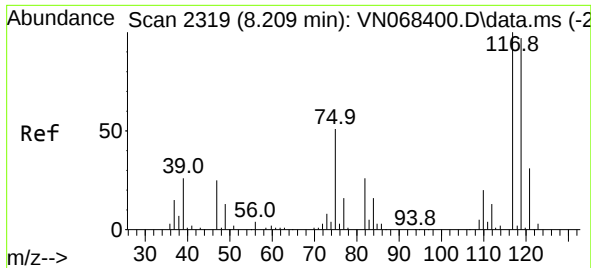
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#32
1,1,1-Trichloroethane
Concen: 19.412 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 97 Resp: 221750
Ion Ratio Lower Upper
97 100
99 65.7 49.7 74.5
61 39.4 38.0 57.0



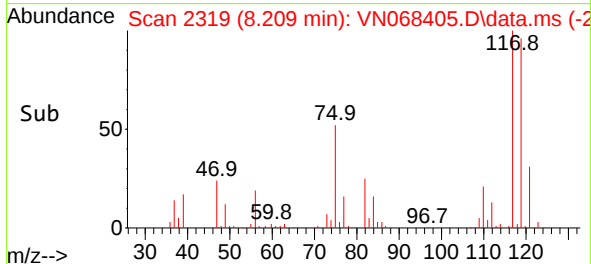
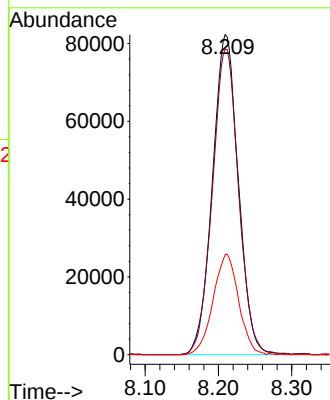
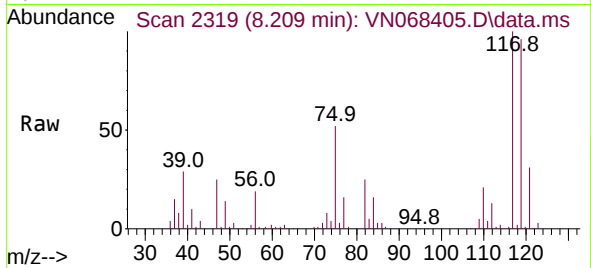


#33
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 117 Resp: 201910
Ion Ratio Lower Upper
117 100
119 95.6 73.3 109.9
121 31.2 24.2 36.4

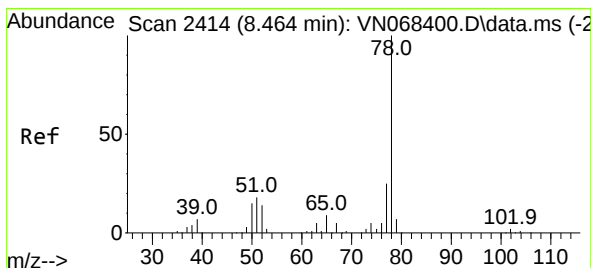
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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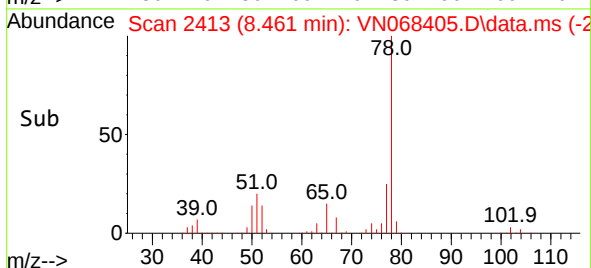
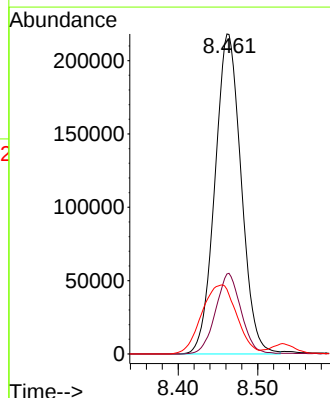
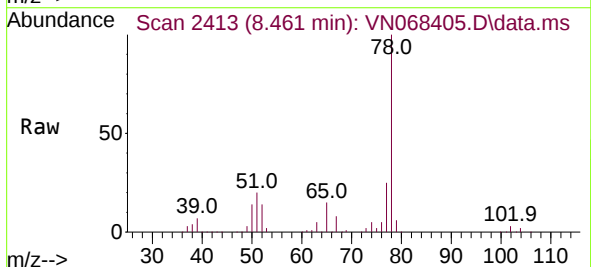
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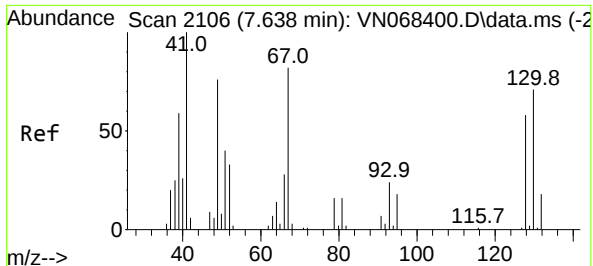
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#34
Benzene
Concen: 19.440 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.002 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 78 Resp: 499755
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0
51 19.5 20.0 30.0#





#35

Methacrylonitrile

Concen: 19.306 ug/l

RT: 7.635 min Scan# 2105

Delta R.T. -0.002 min

Lab File: VN068405.D

Acq: 3 Sep 2021 13:50

Tgt Ion: 41 Resp: 58691

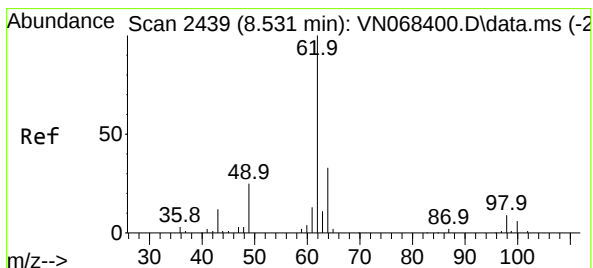
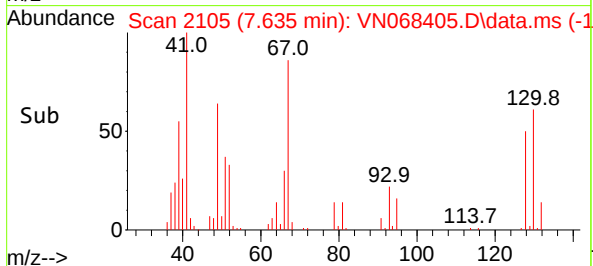
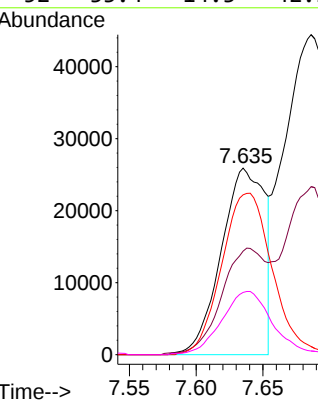
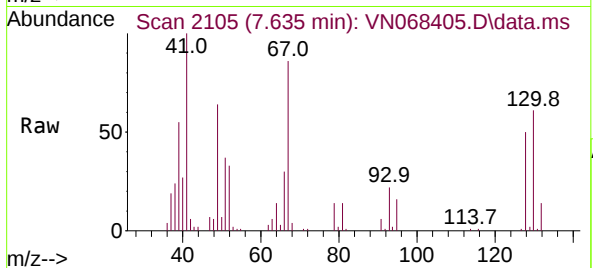
Ion Ratio Lower Upper

41 100

39 54.6 30.3 90.9

67 85.7 32.1 96.3

52 33.4 14.3 42.9



#36

1,2-Dichloroethane

Concen: 19.636 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VN068405.D

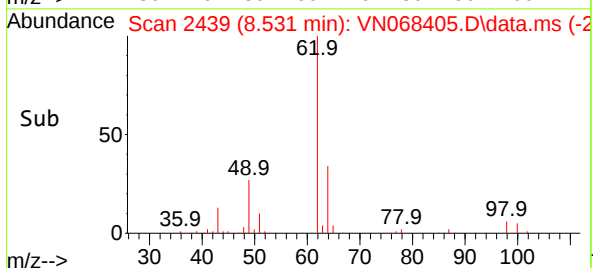
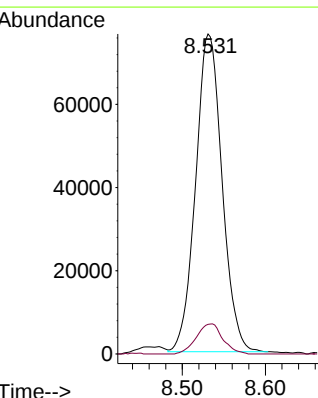
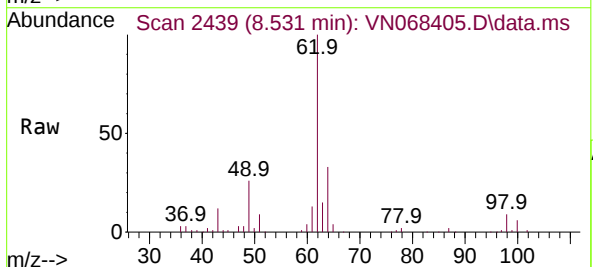
Acq: 3 Sep 2021 13:50

Tgt Ion: 62 Resp: 169020

Ion Ratio Lower Upper

62 100

98 9.5 6.0 9.0#



Instrument :

MSVOA_N

ClientSampleId :

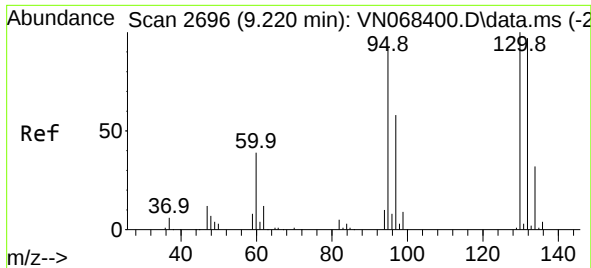
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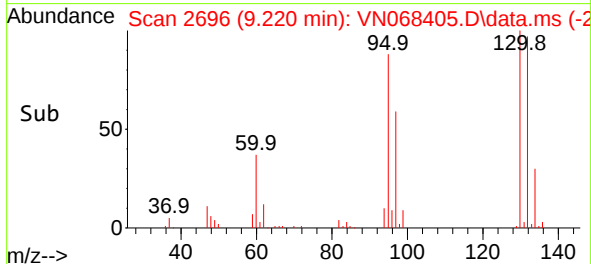
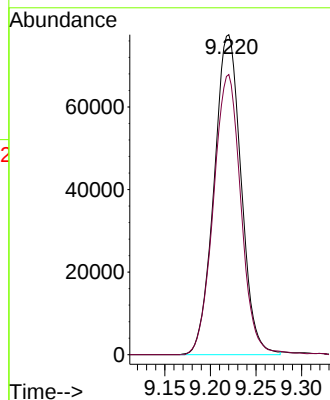
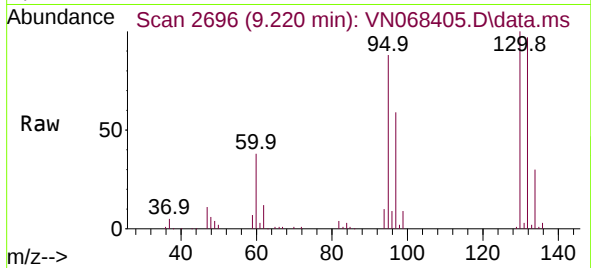


#37
Trichloroethene
Concen: 19.451 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:130 Resp: 159836
Ion Ratio Lower Upper
130 100
95 87.5 92.2 138.2#

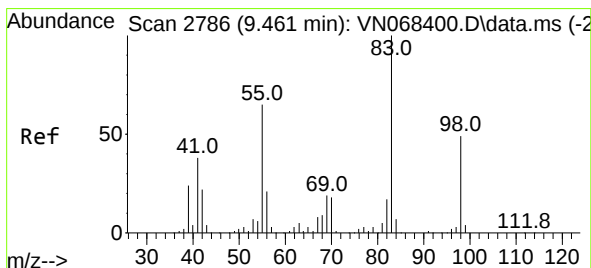
Instrument :
MSVOA_N
ClientSampled :
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Manual Integrations
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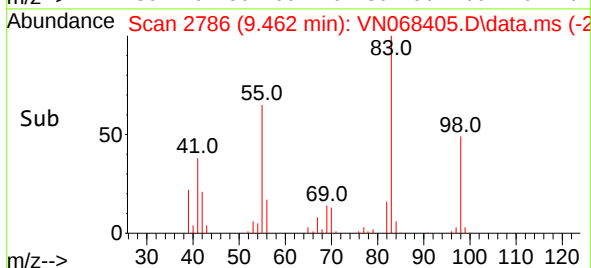
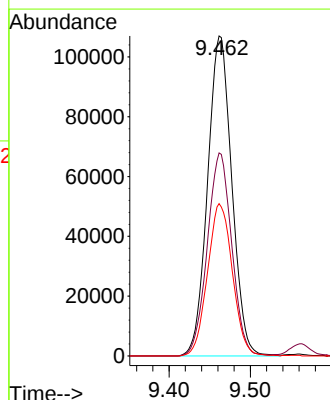
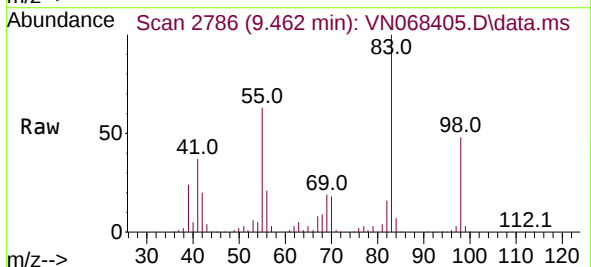
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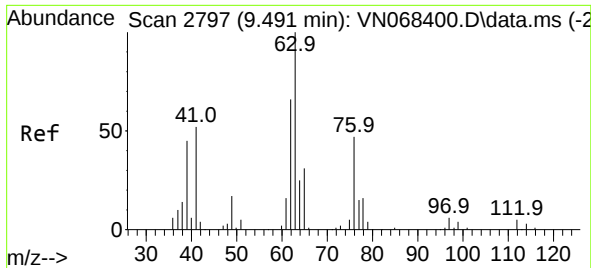
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#38
Methylcyclohexane
Concen: 19.641 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 83 Resp: 221750
Ion Ratio Lower Upper
83 100
55 63.9 41.5 124.6
98 48.9 22.4 67.0





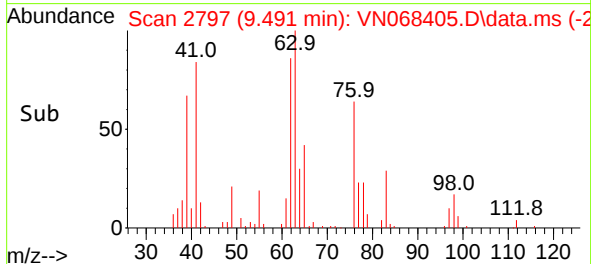
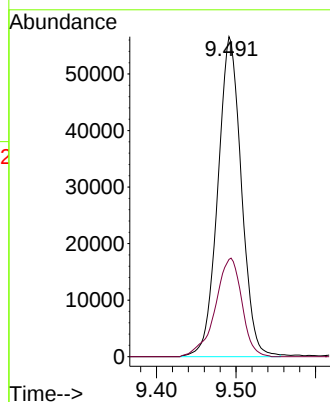
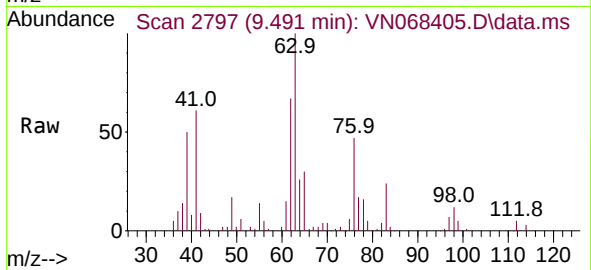
#39

1,2-Dichloropropane
Concen: 19.130 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

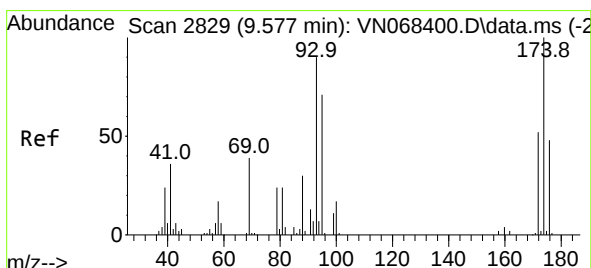
Tgt Ion: 63 Resp: 116587
Ion Ratio Lower Upper
63 100
65 30.4 24.5 36.7

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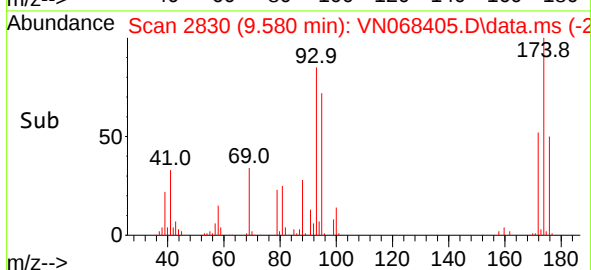
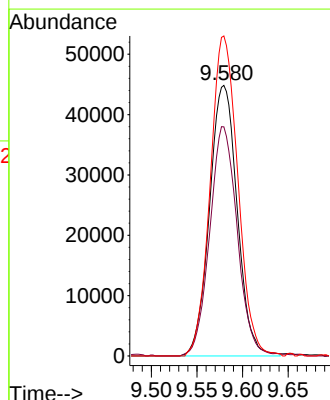
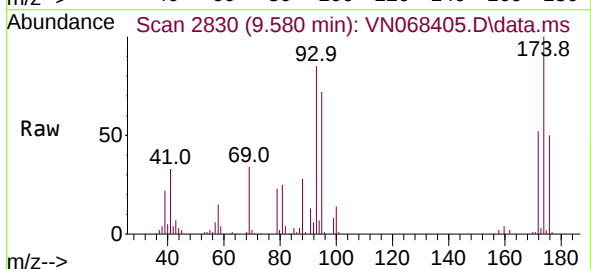
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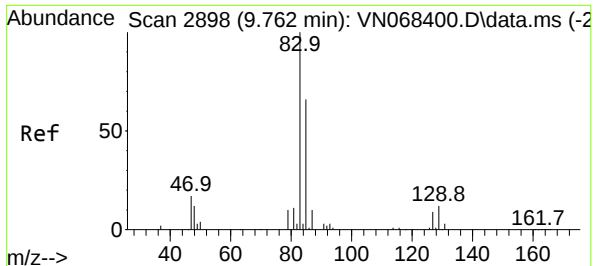


#40

Dibromomethane
Concen: 19.630 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

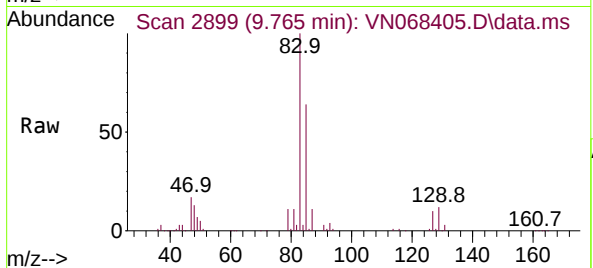
Tgt Ion: 93 Resp: 94674
Ion Ratio Lower Upper
93 100
95 83.8 0.0 167.6
174 117.7 0.0 148.4





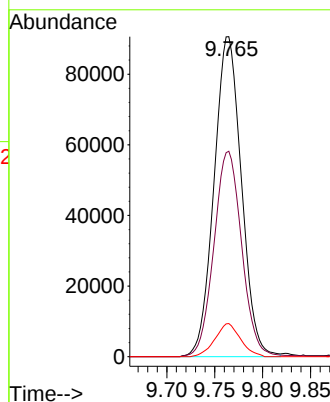
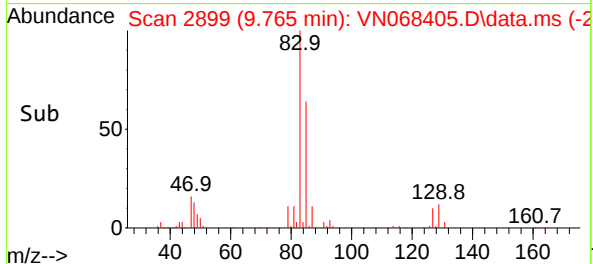
#41
Bromodichloromethane
Concen: 19.309 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321



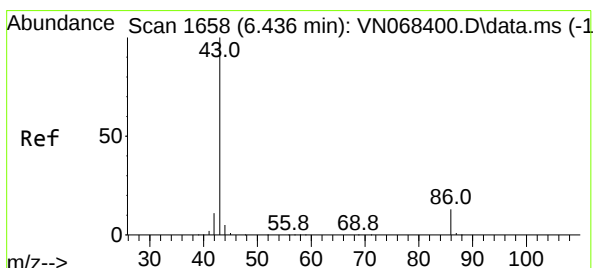
Tgt Ion: 83 Resp: 179922
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 10.4 6.6 9.8#

Manual Integrations
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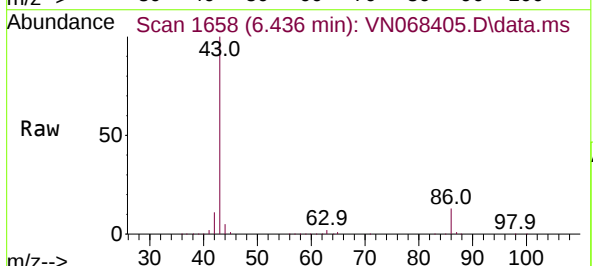


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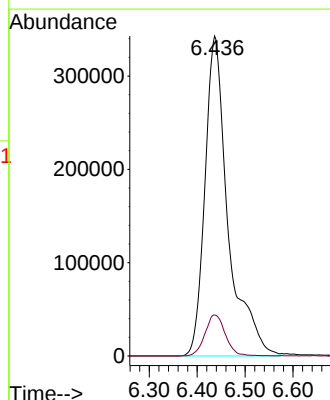
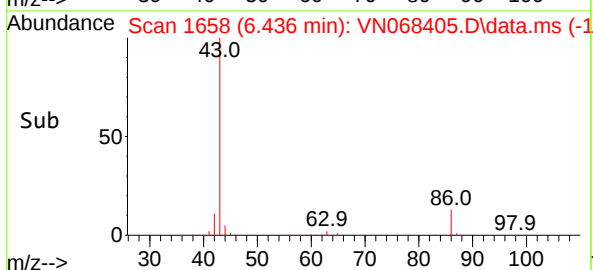
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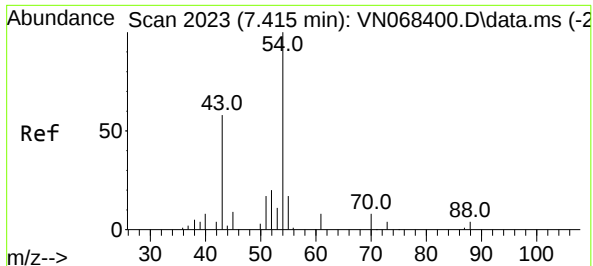


#42
Vinyl Acetate
Concen: 98.050 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 43 Resp: 1153940
Ion Ratio Lower Upper
43 100
86 11.3 6.4 9.6#





#43

Ethyl Acetate

Concen: 20.489 ug/l

RT: 7.413 min Scan# 2022

Delta R.T. -0.002 min

Lab File: VN068405.D

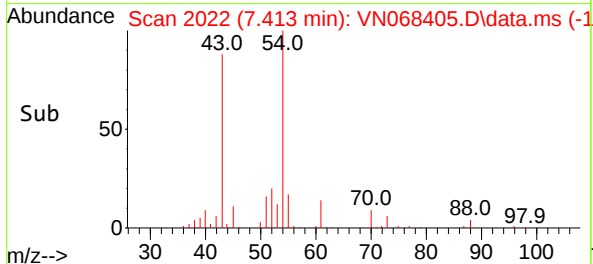
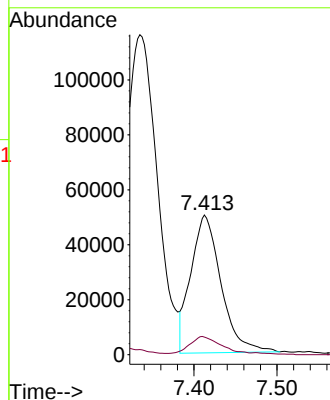
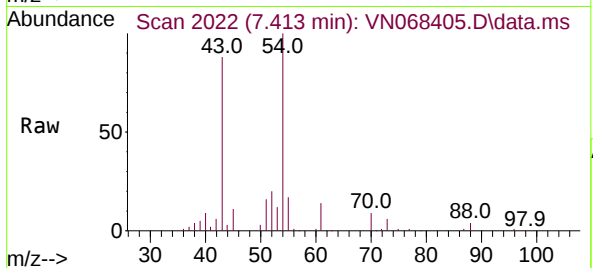
Acq: 3 Sep 2021 13:50

Tgt Ion: 43 Resp: 126782

Ion Ratio Lower Upper

43 100

45 11.8 1.0 1.6#



Instrument :

MSVOA_N

ClientSampleId :

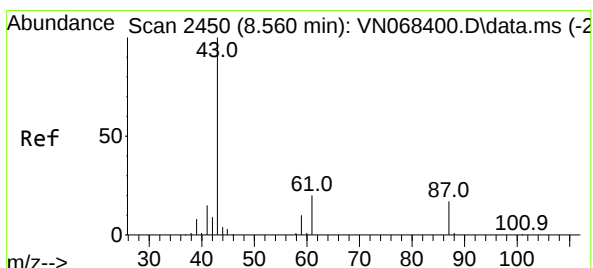
ICVVN090321

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#44

Isopropyl Acetate

Concen: 19.504 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068405.D

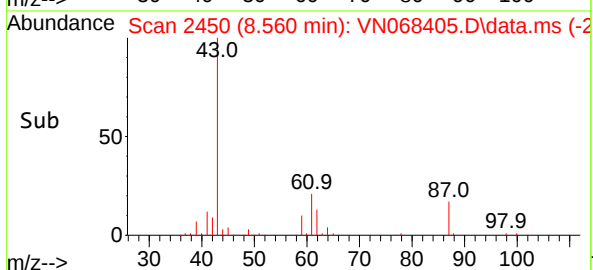
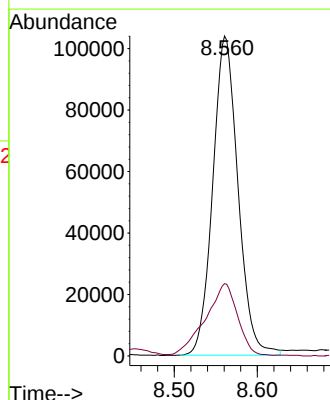
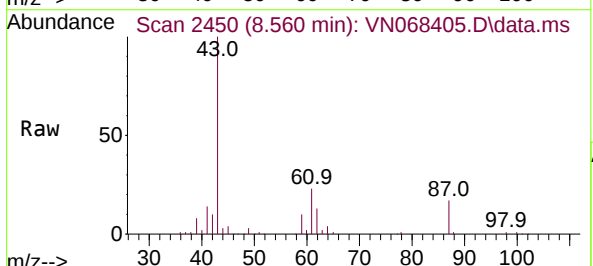
Acq: 3 Sep 2021 13:50

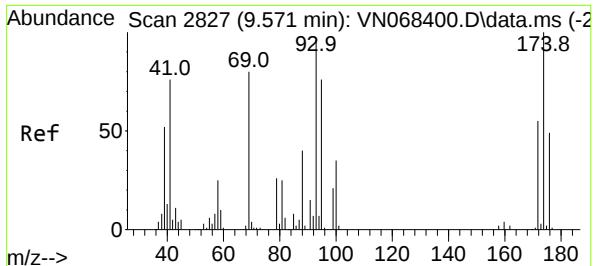
Tgt Ion: 43 Resp: 219254

Ion Ratio Lower Upper

43 100

61 28.4 19.0 28.6



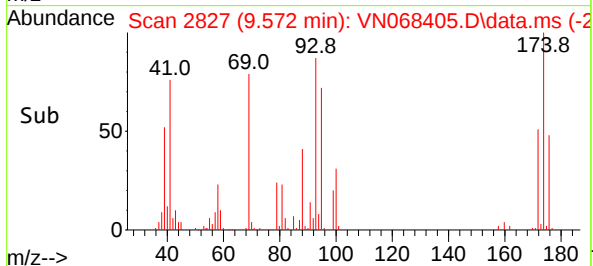
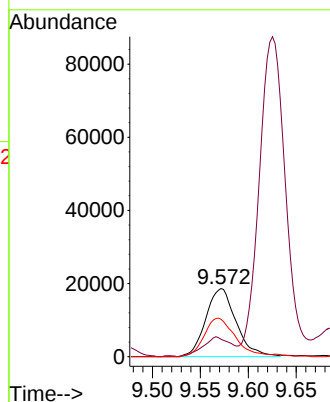
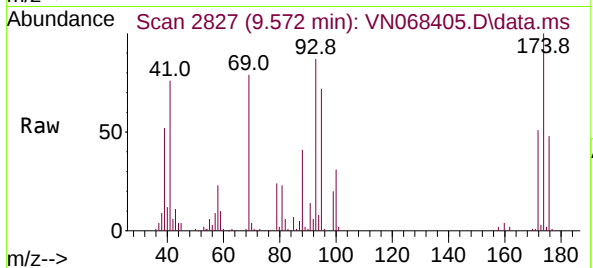


#45
1,4-Dioxane
Concen: 408.717 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 88 Resp: 41070
Ion Ratio Lower Upper
88 100
43 26.0 18.0 27.0
58 57.7 57.7 86.5#

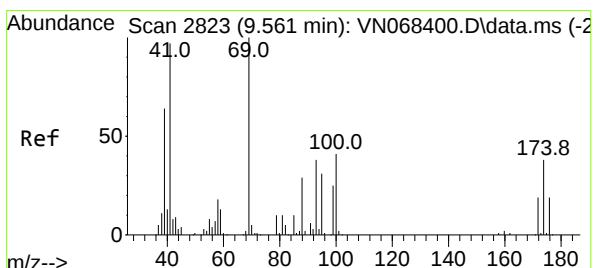
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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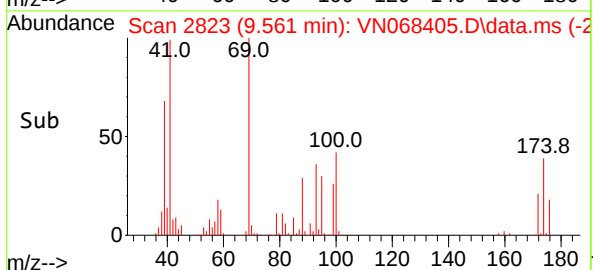
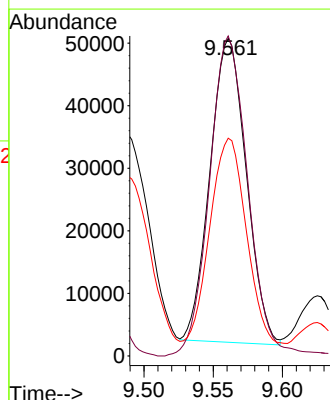
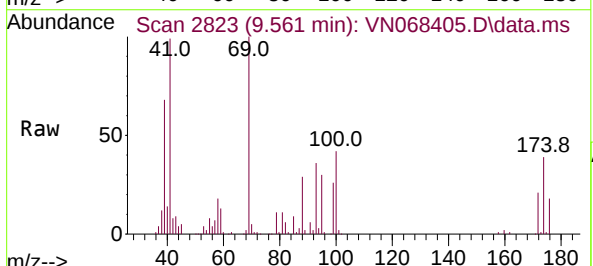
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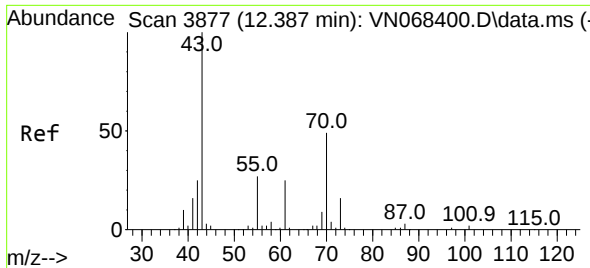
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#46
Methyl methacrylate
Concen: 18.605 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 41 Resp: 88425
Ion Ratio Lower Upper
41 100
69 104.0 38.0 114.1
39 67.8 33.9 101.7



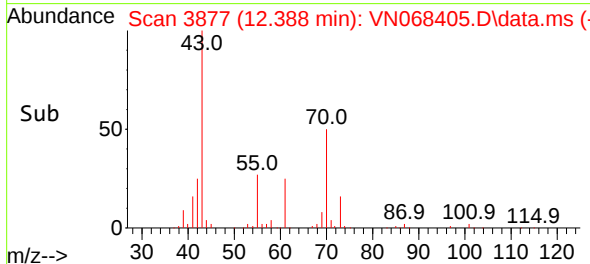
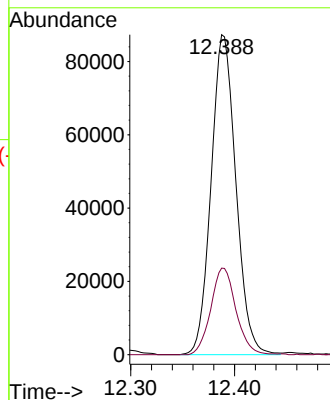
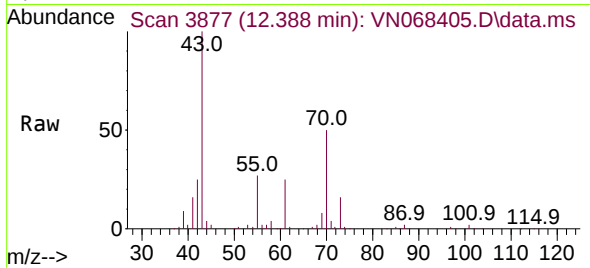


#47
n-amy1 Acetate
Concen: 18.804 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 43 Resp: 144625
Ion Ratio Lower Upper
43 100
55 27.5 17.6 26.4#

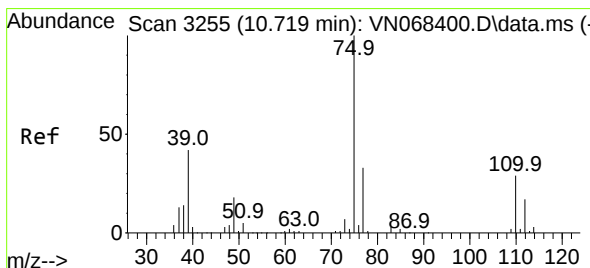
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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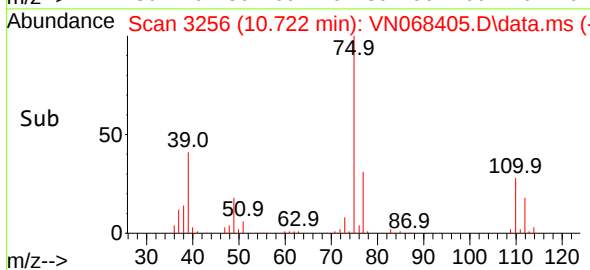
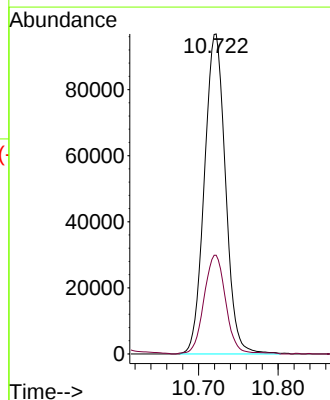
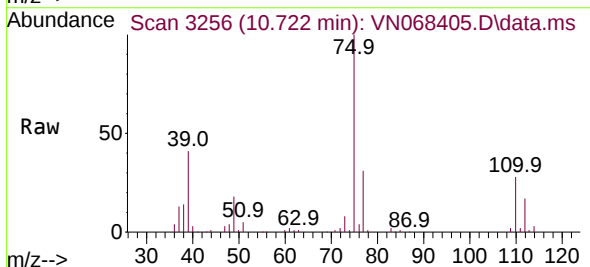
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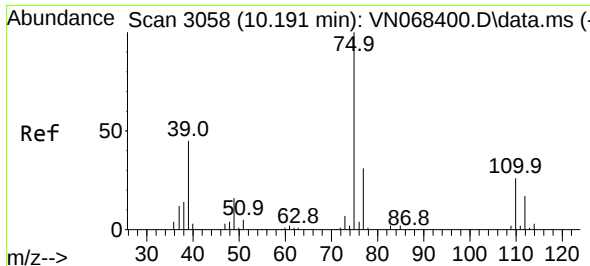
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#48
t-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 75 Resp: 178534
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0



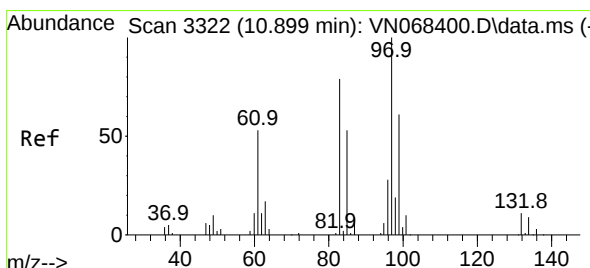
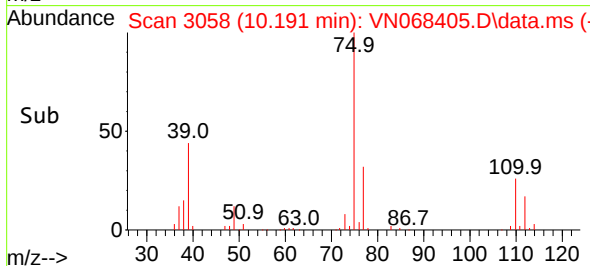
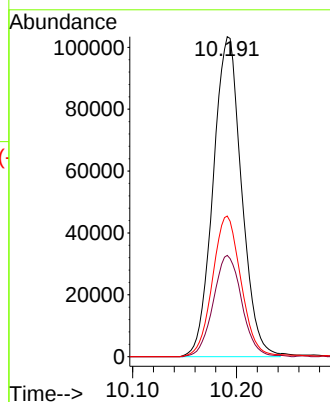
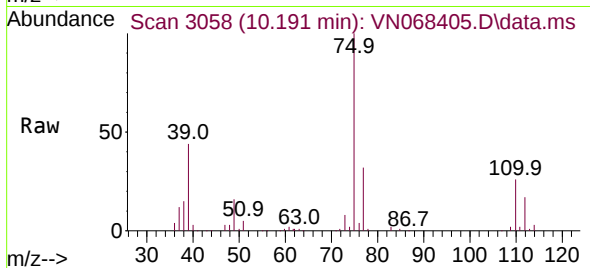


#49
cis-1,3-Dichloropropene
Concen: 19.449 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 75 Resp: 196713
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
39 44.0 50.6 76.0#

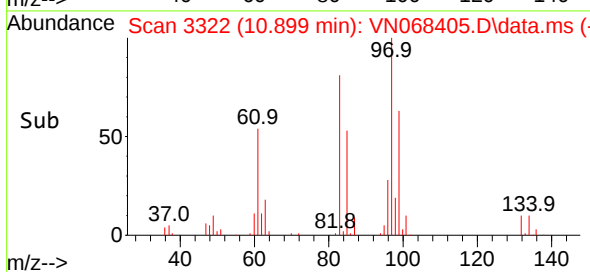
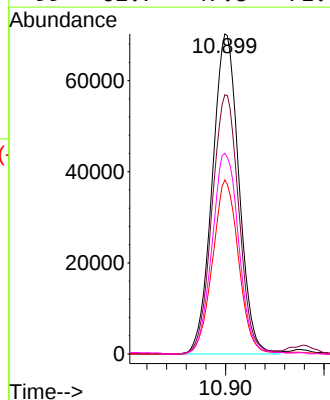
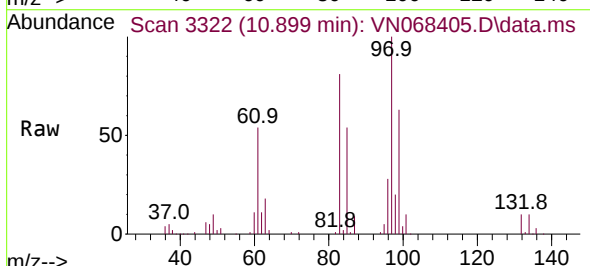
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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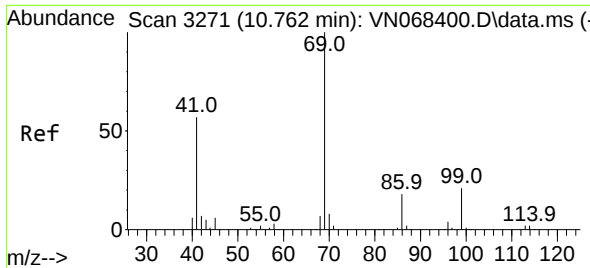
#50
1,1,2-Trichloroethane
Concen: 19.379 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 97 Resp: 131847
Ion Ratio Lower Upper
97 100
83 81.0 69.6 104.4
85 54.4 45.2 67.8
99 62.7 47.8 71.6



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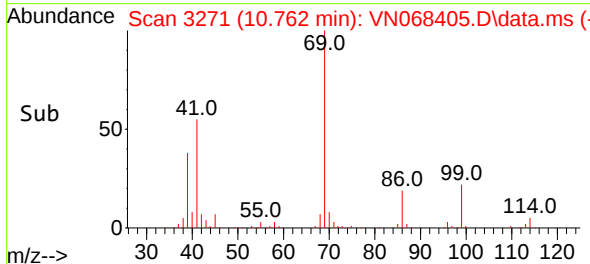
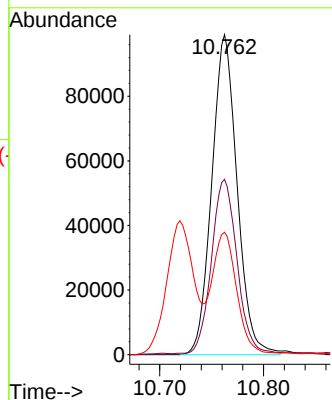
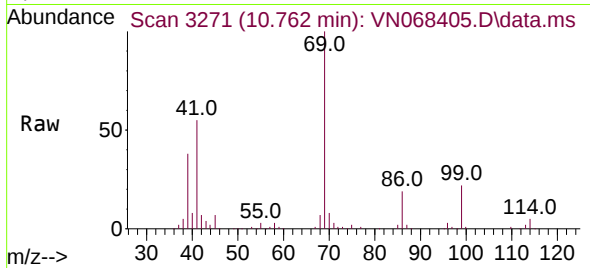


#51
Ethyl methacrylate
Concen: 19.189 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 69 Resp: 167854
Ion Ratio Lower Upper
69 100
41 54.3 36.8 110.4
39 37.8 23.8 71.2

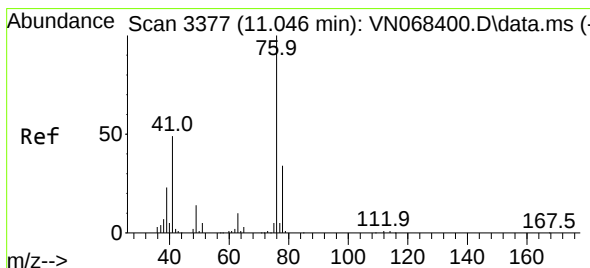
Instrument :
MSVOA_N
ClientSampled :
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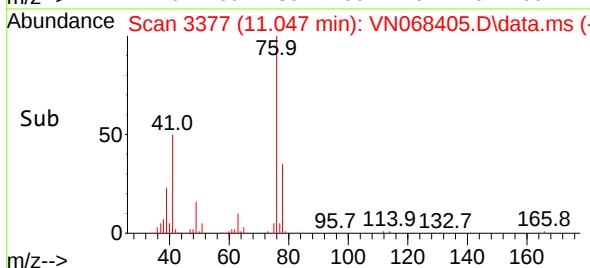
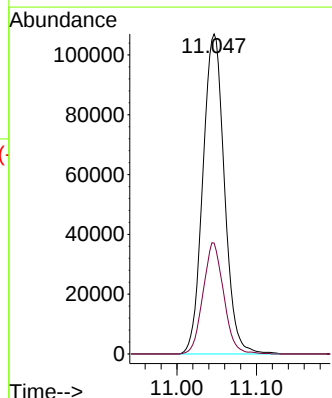
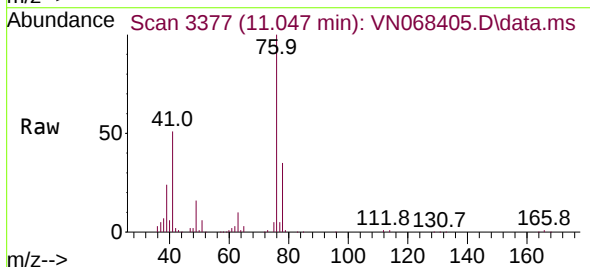
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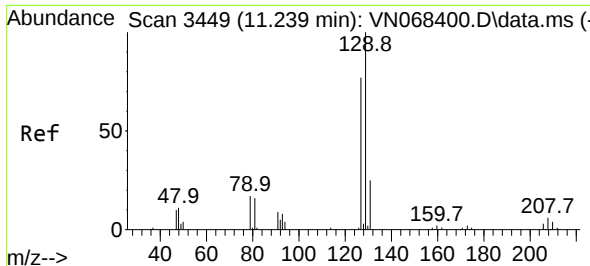
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#52
1,3-Dichloropropane
Concen: 19.657 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 76 Resp: 201926
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.0



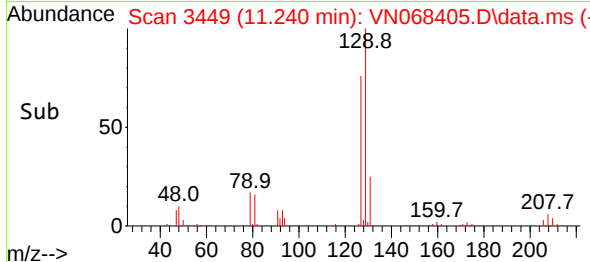
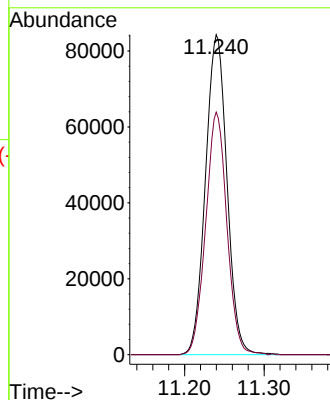
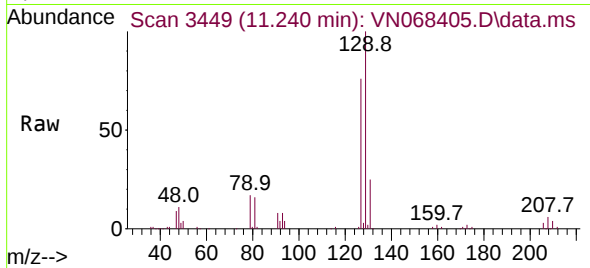


#53
Dibromochloromethane
Concen: 19.355 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:129 Resp: 158704
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.4

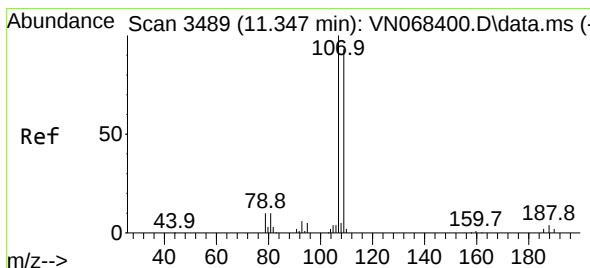
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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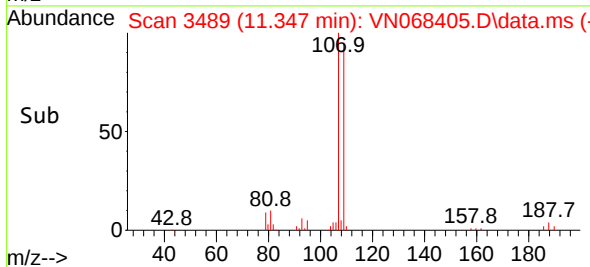
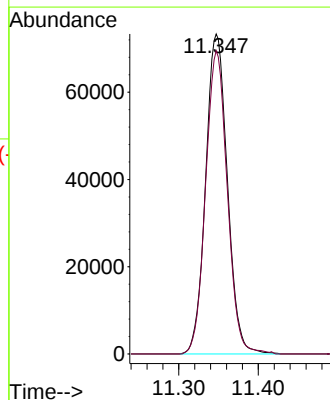
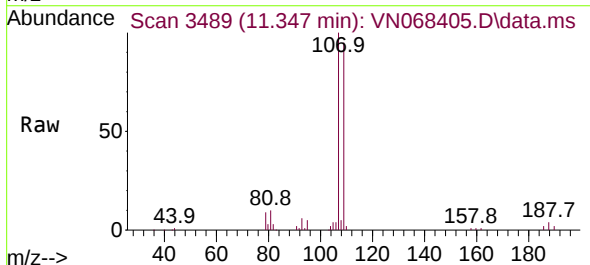
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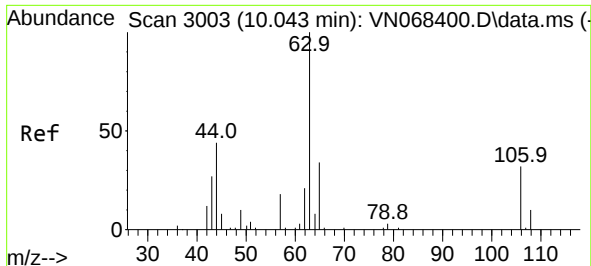
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#54
1,2-Dibromoethane
Concen: 19.582 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:107 Resp: 139259
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6



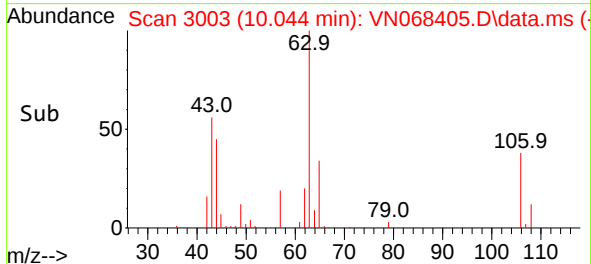
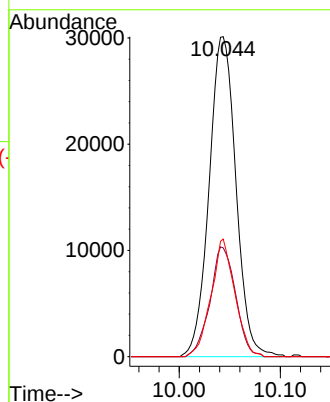
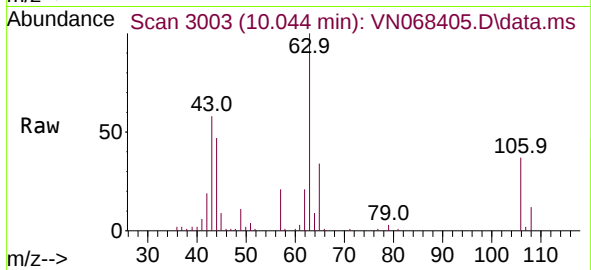


#55
2-Chloroethyl vinyl ether
Concen: 94.020 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.6	38.4
106	32.7	20.0	30.0

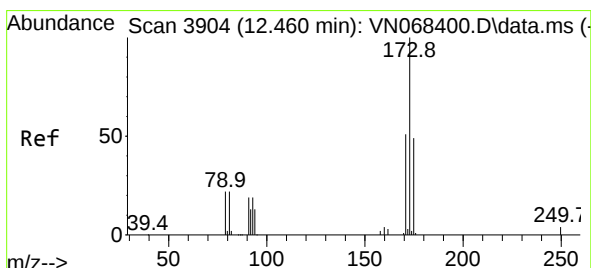
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

Manual Integrations
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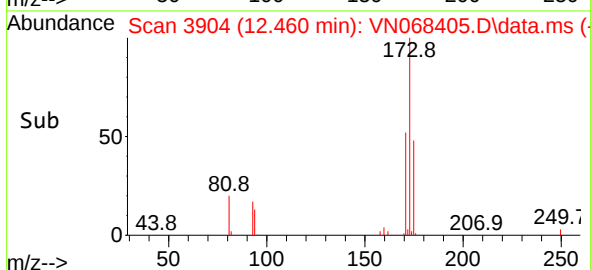
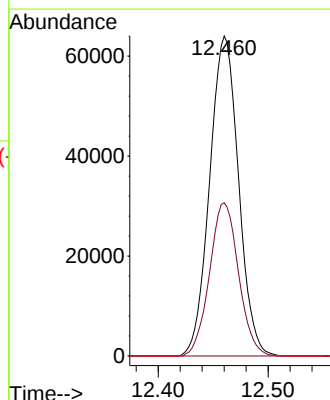
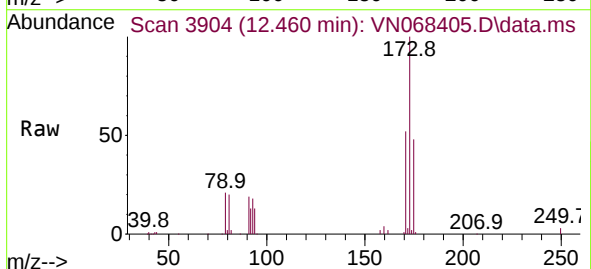
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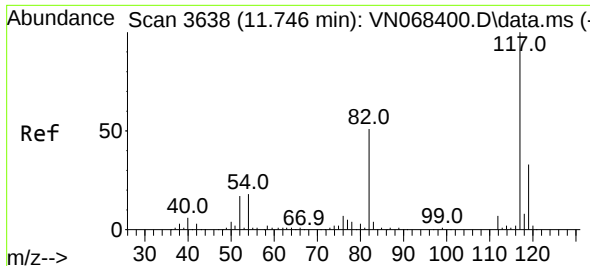
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#56
Bromoform
Concen: 18.614 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.4	59.2
254	0.0	0.0	0.0



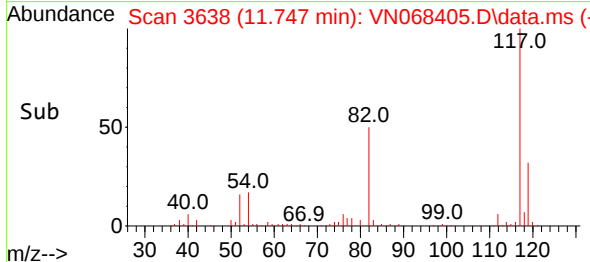
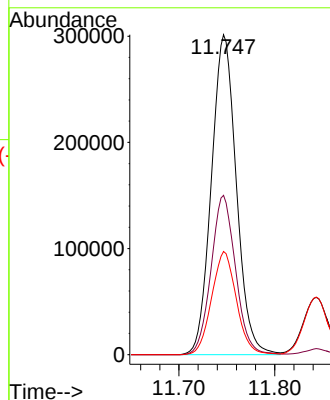
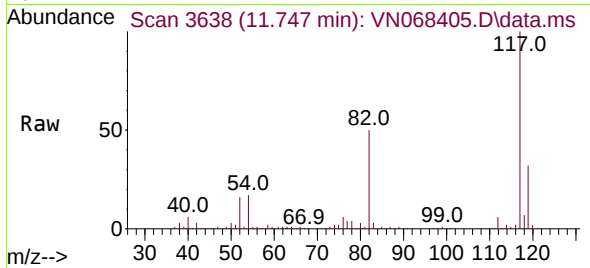


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 117 Resp: 544897
Ion Ratio Lower Upper
117 100
82 49.0 52.5 78.7#
119 32.0 25.8 38.8

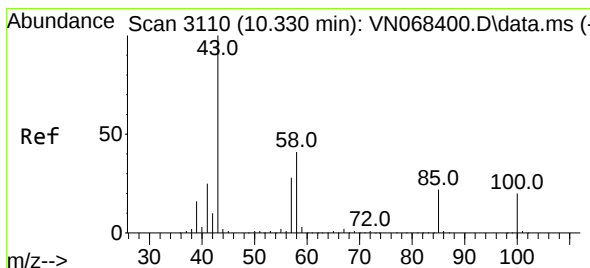
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

Manual Integrations
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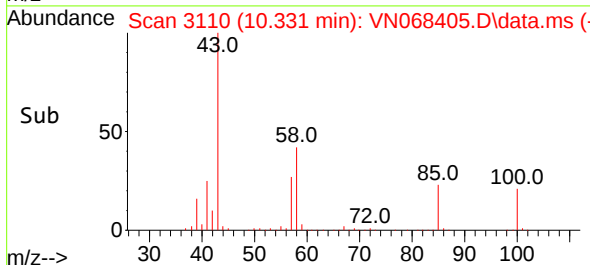
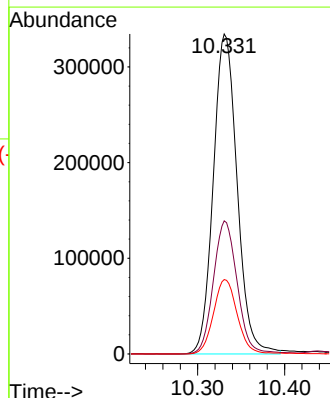
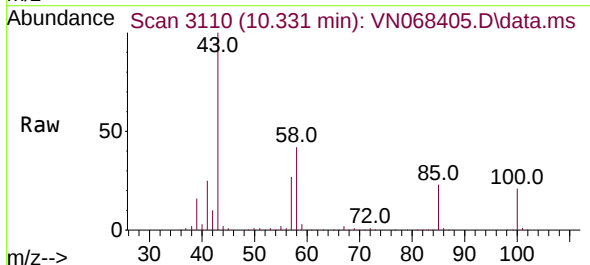
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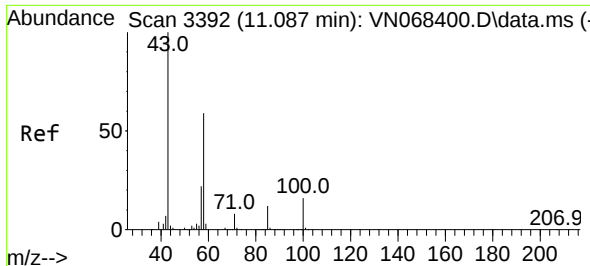
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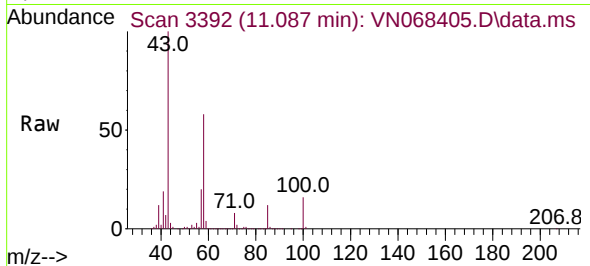
#58
4-Methyl-2-Pentanone
Concen: 100.545 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 43 Resp: 637533
Ion Ratio Lower Upper
43 100
58 41.5 29.0 43.4
85 23.0 13.2 19.8#

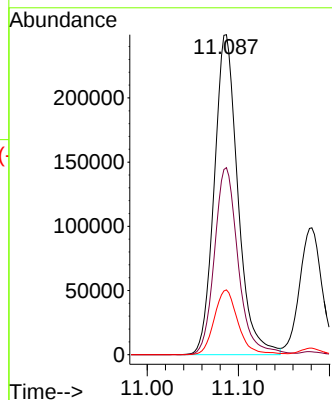
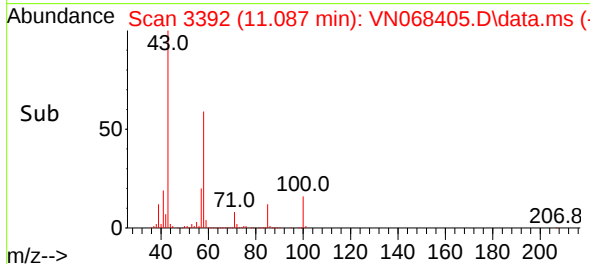




#59
2-Hexanone
Concen: 102.159 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 43 Resp: 449538
Ion Ratio Lower Upper
43 100
58 58.7 39.4 59.0
57 20.4 14.4 21.6

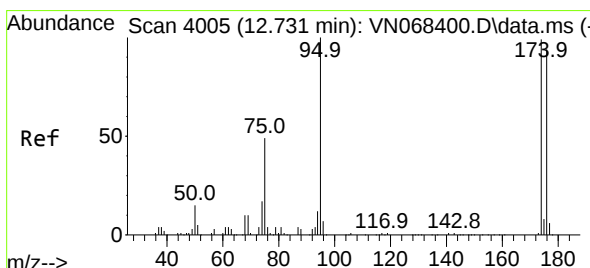


Instrument :
MSVOA_N
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ICVVN090321

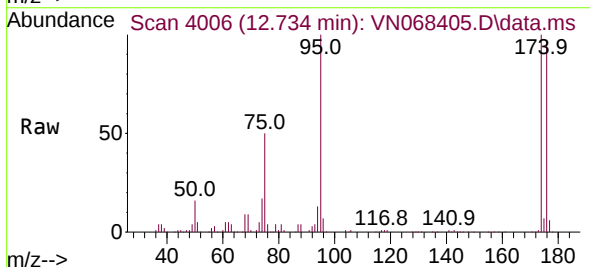
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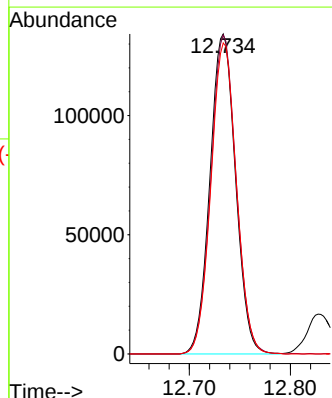
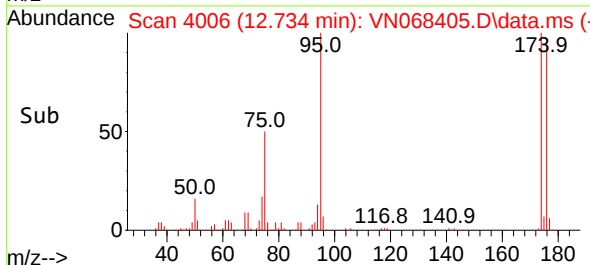
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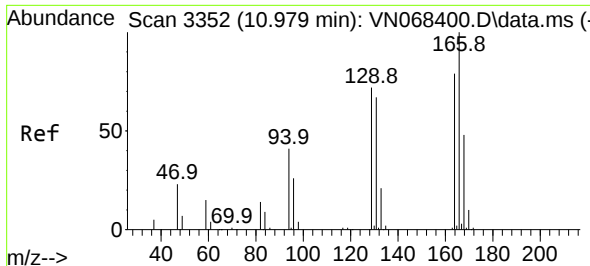


#60
4-Bromofluorobenzene
Concen: 30.580 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 95 Resp: 235973
Ion Ratio Lower Upper
95 100
174 98.9 47.7 71.5#
176 96.8 45.7 68.5#



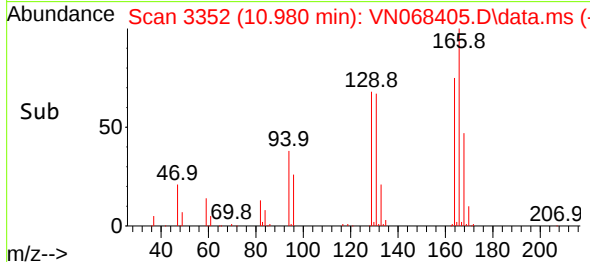
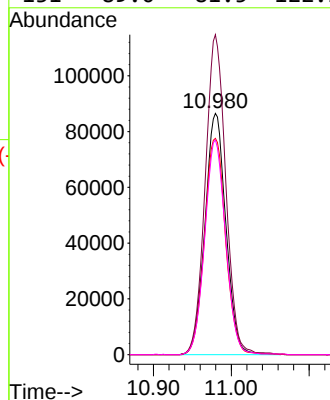
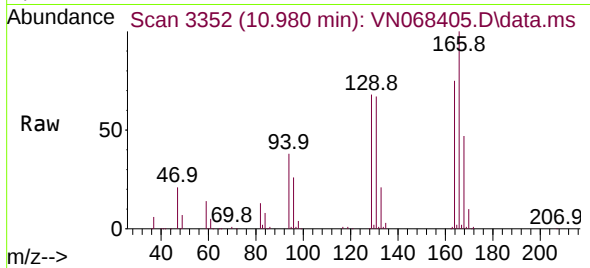


#61
Tetrachloroethene
Concen: 19.283 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:	164	Resp:	162456
Ion Ratio	Lower	Upper	
164	100		
166	132.6	101.0	151.4
129	89.6	85.5	128.3
131	89.0	81.5	122.3

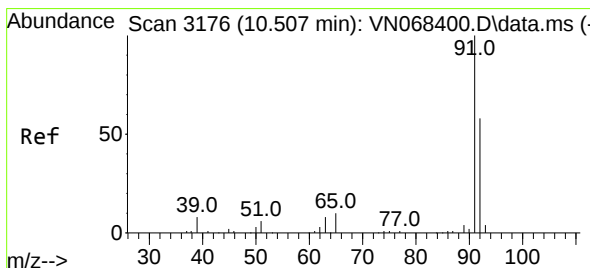
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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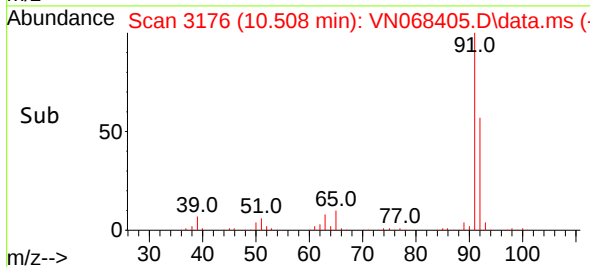
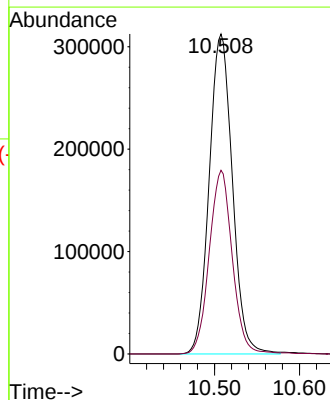
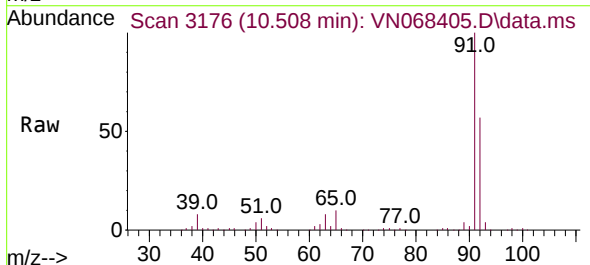
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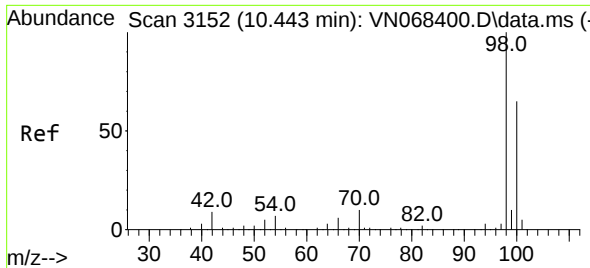
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#62
Toluene
Concen: 19.790 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:	91	Resp:	591674
Ion Ratio	Lower	Upper	
91	100		
92	57.0	46.1	69.1



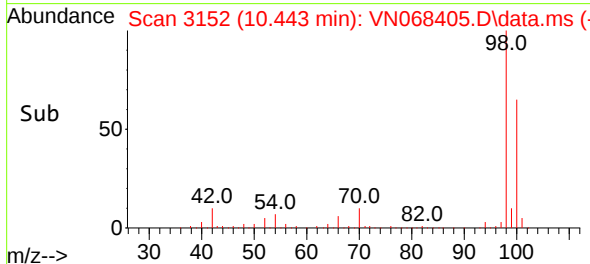
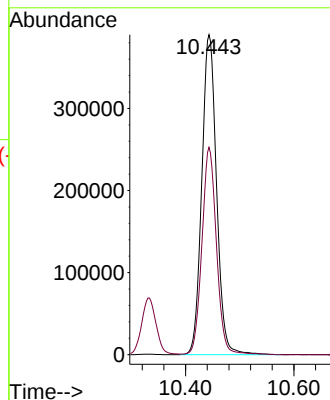
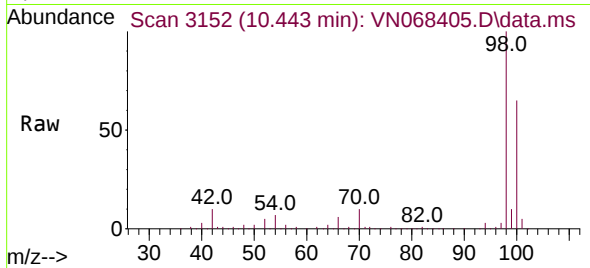


#63
Toluene-d8
Concen: 30.417 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 98 Resp: 738095
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

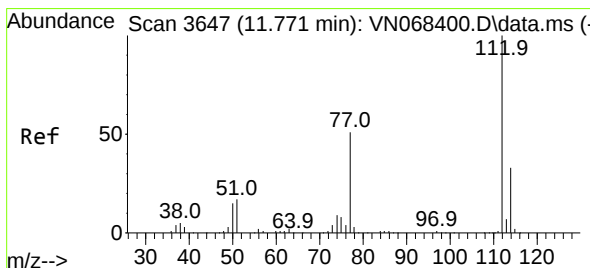
Instrument :
MSVOA_N
ClientSampleId :
ICVVO90321

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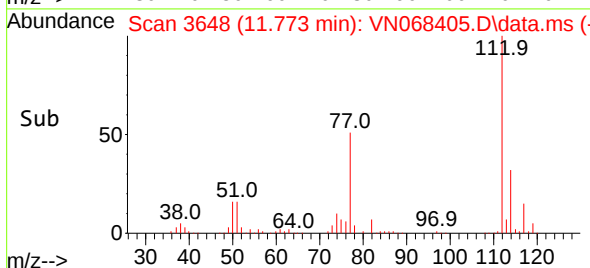
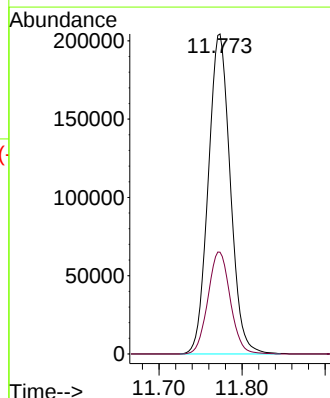
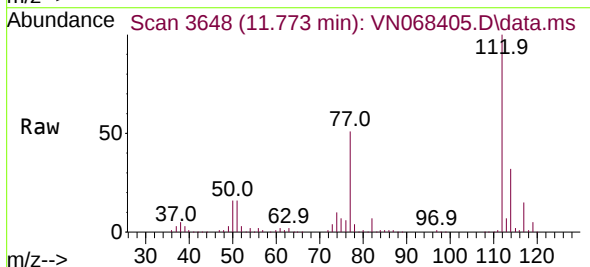
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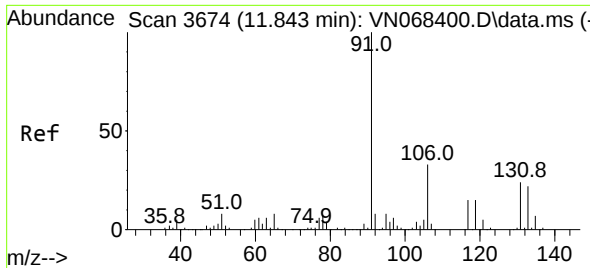
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#64
Chlorobenzene
Concen: 19.503 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 112 Resp: 375930
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



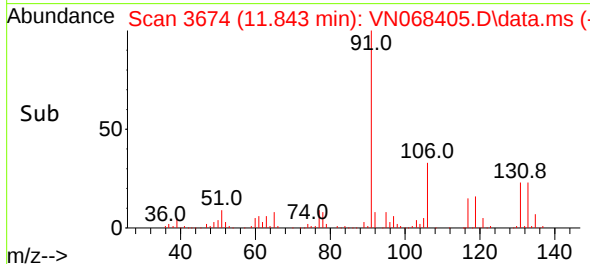
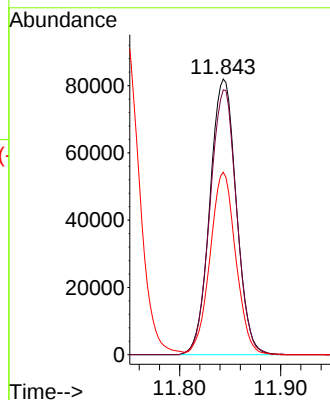
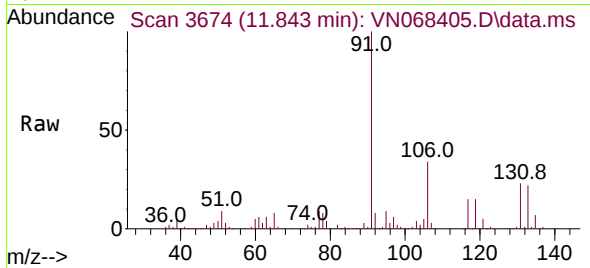


#65
1,1,1,2-Tetrachloroethane
Concen: 19.308 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:131 Resp: 149007
Ion Ratio Lower Upper
131 100
133 96.6 0.0 189.6
119 63.8 0.0 130.0

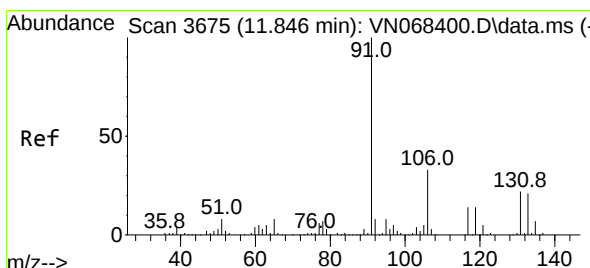
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MSVOA_N
ClientSampled :
ICVVN090321

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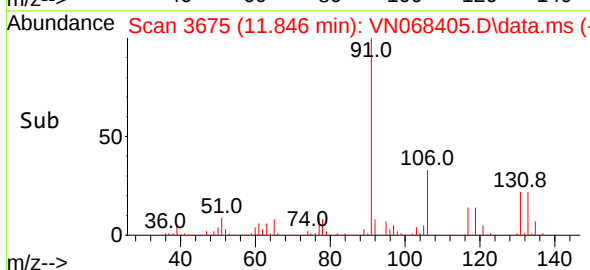
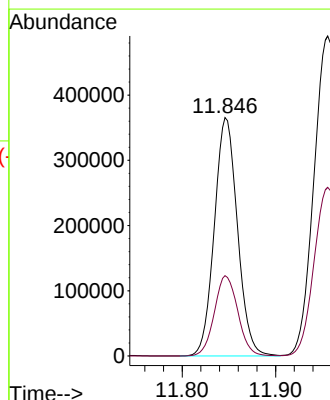
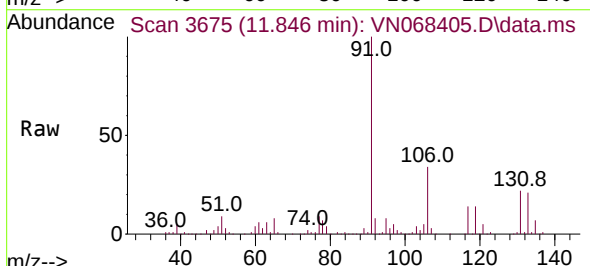
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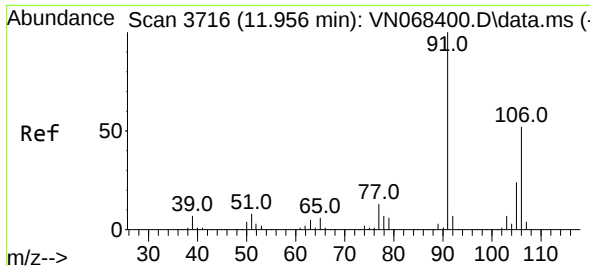
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#66
Ethyl Benzene
Concen: 19.523 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 91 Resp: 628299
Ion Ratio Lower Upper
91 100
106 33.7 23.4 35.0



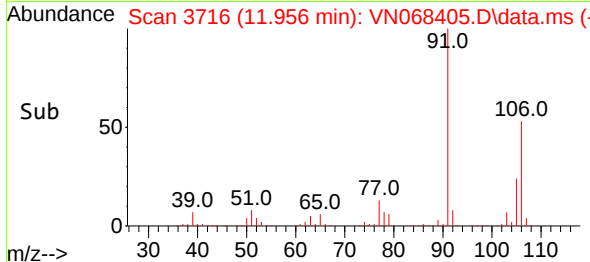
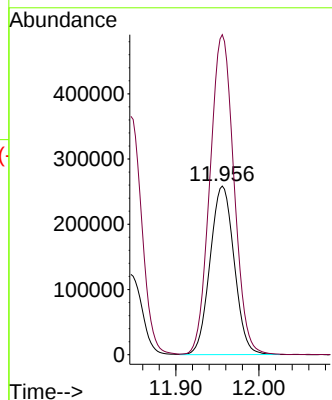
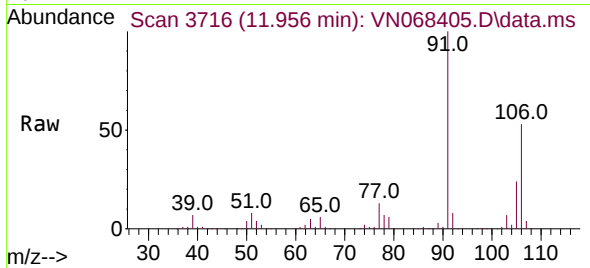


#67
m/p-Xylenes
Concen: 39.451 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:106 Resp: 520596
Ion Ratio Lower Upper
106 100
91 189.6 181.3 271.9

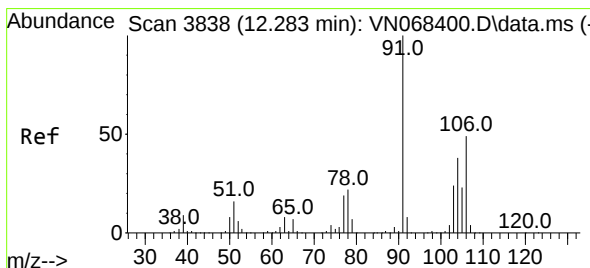
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ClientSampleId :
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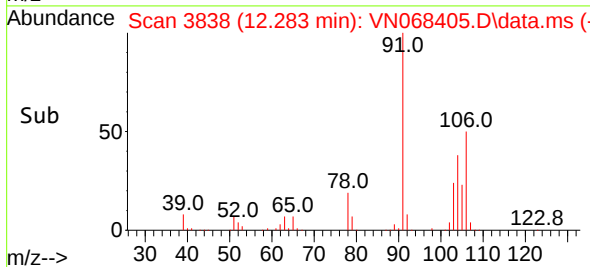
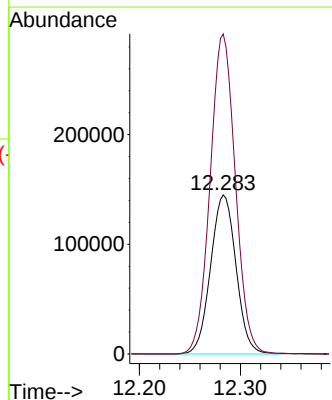
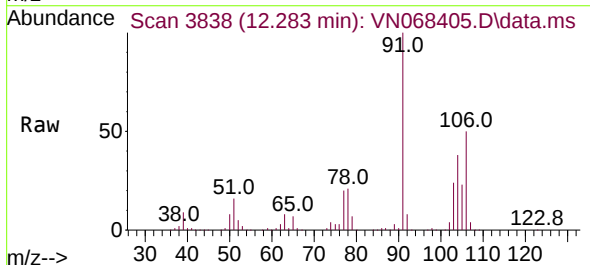
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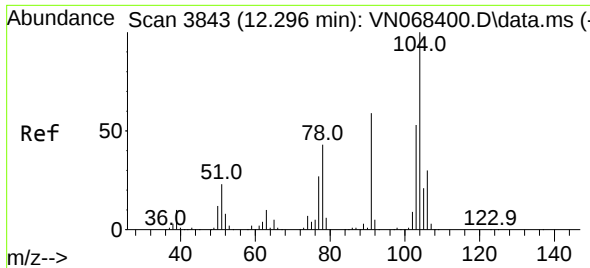
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#68
o-Xylene
Concen: 19.802 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:106 Resp: 253095
Ion Ratio Lower Upper
106 100
91 200.0 120.0 360.0



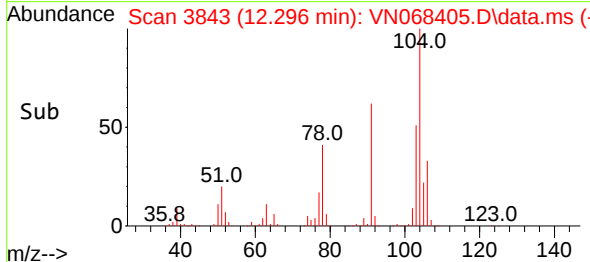
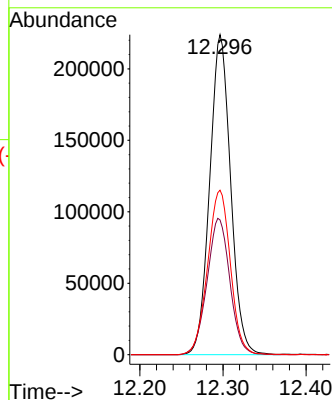
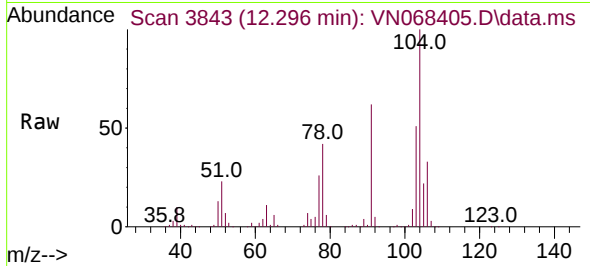


#69
Styrene
Concen: 19.429 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:104 Resp: 392071
Ion Ratio Lower Upper
104 100
78 46.6 48.2 72.2#
103 55.9 44.5 66.7

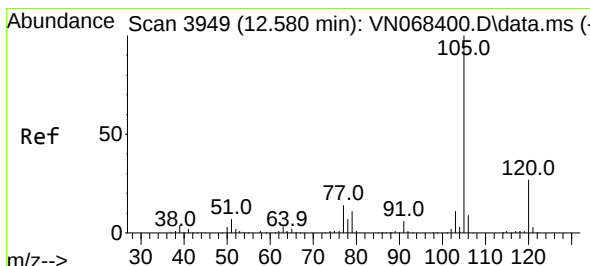
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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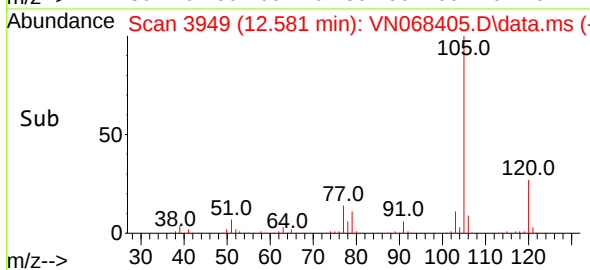
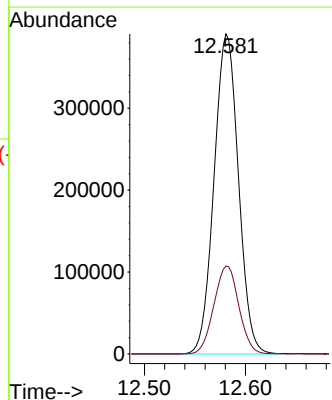
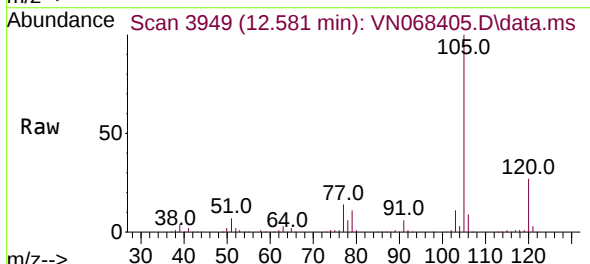
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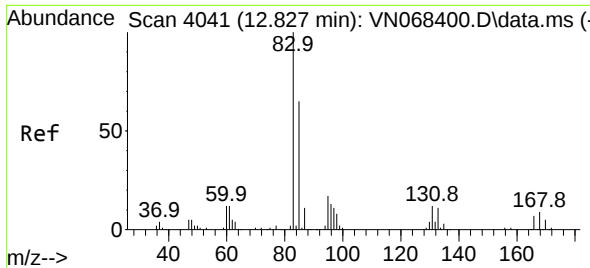
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#70
Isopropylbenzene
Concen: 19.860 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:105 Resp: 653814
Ion Ratio Lower Upper
105 100
120 28.1 17.6 32.6



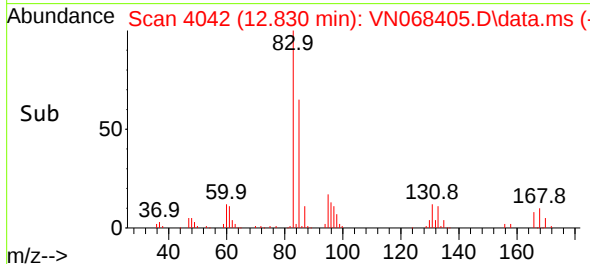
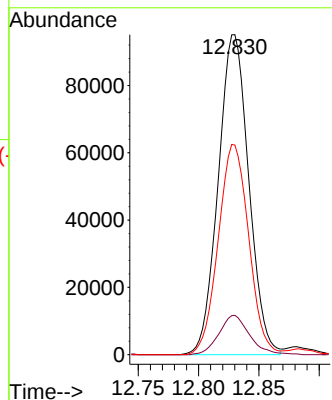
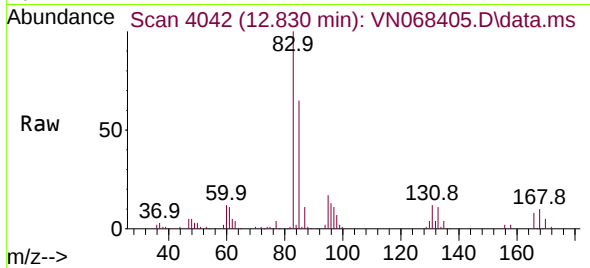


#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.913 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VN068405.D
 Acq: 3 Sep 2021 13:50

Tgt Ion: 83 Resp: 167653
 Ion Ratio Lower Upper
 83 100
 131 12.3 4.7 14.0
 85 65.5 32.2 96.6

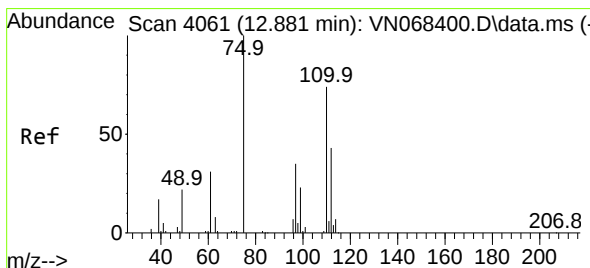
Instrument :
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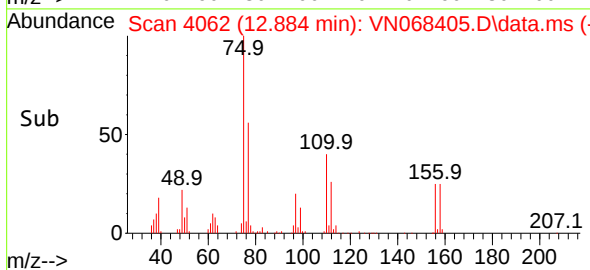
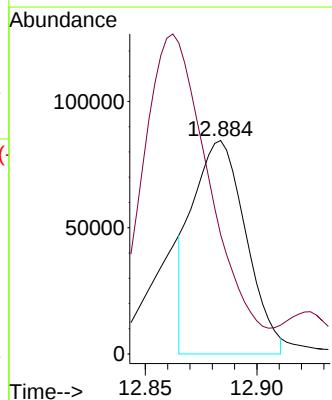
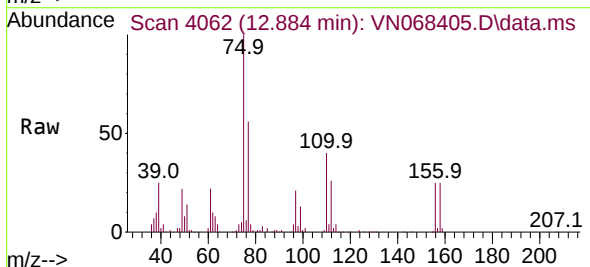
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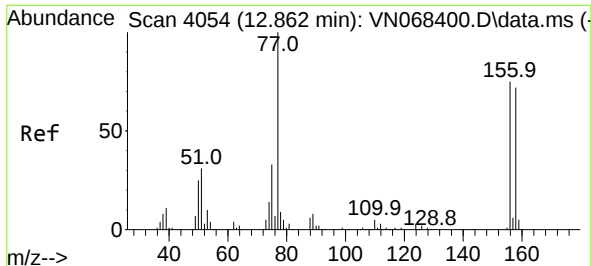
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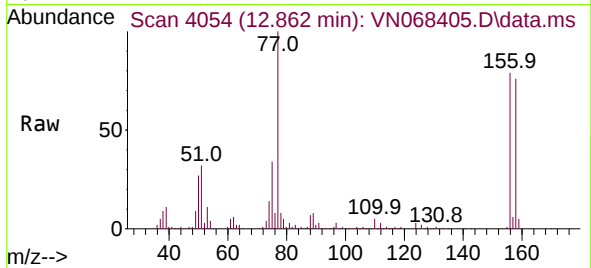
#72
 1,2,3-Trichloropropane
 Concen: 20.358 ug/l m
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.003 min
 Lab File: VN068405.D
 Acq: 3 Sep 2021 13:50

Tgt Ion: 75 Resp: 140510
 Ion Ratio Lower Upper
 75 100
 77 191.2 0.0 374.2

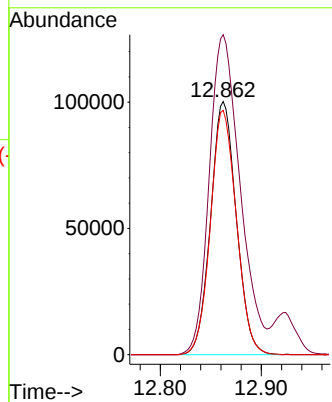
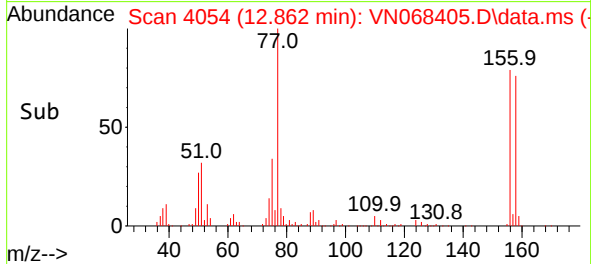




#73
Bromobenzene
Concen: 19.437 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion:156 Resp: 177090
Ion Ratio Lower Upper
156 100
77 151.7 0.0 548.0
158 97.6 0.0 194.0

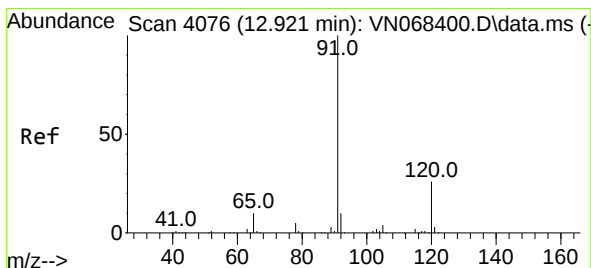


Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

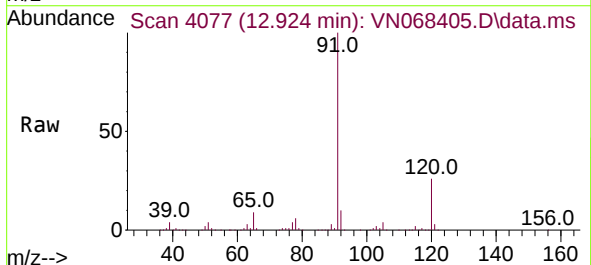
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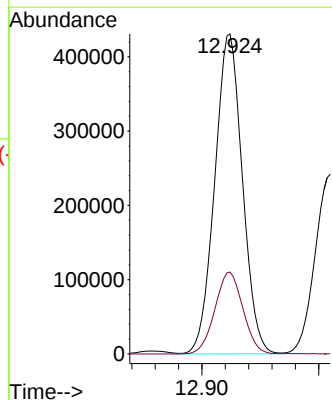
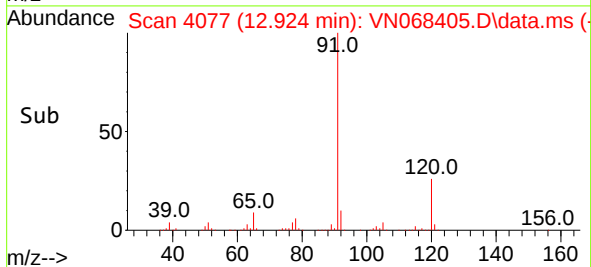
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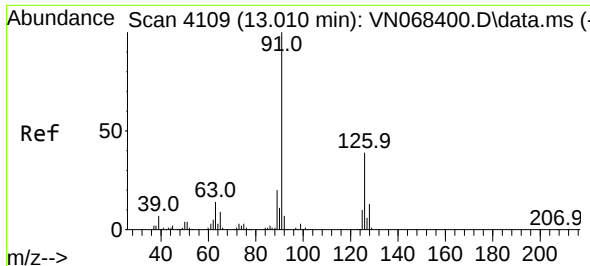


#74
n-propylbenzene
Concen: 19.899 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 91 Resp: 707622
Ion Ratio Lower Upper
91 100
120 25.9 0.0 41.0



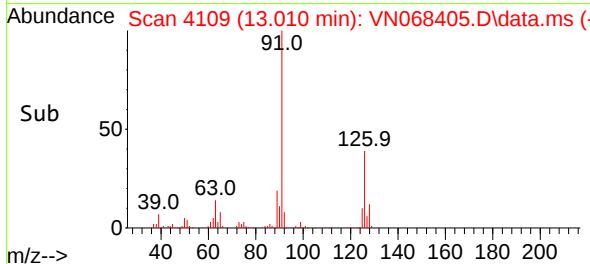
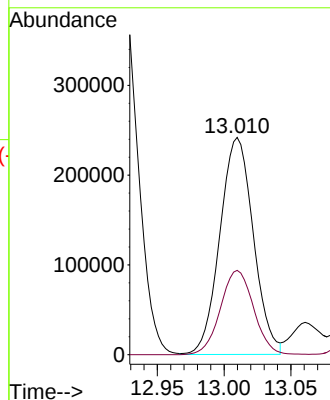
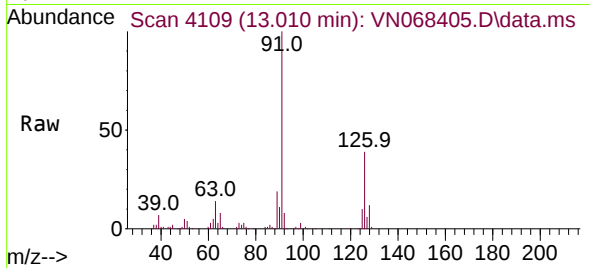


#75
2-Chlorotoluene
Concen: 20.001 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

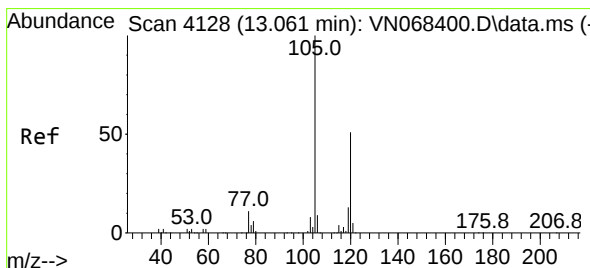
Tgt Ion: 91 Resp: 422080
Ion Ratio Lower Upper
91 100
126 38.6 0.0 0.0#

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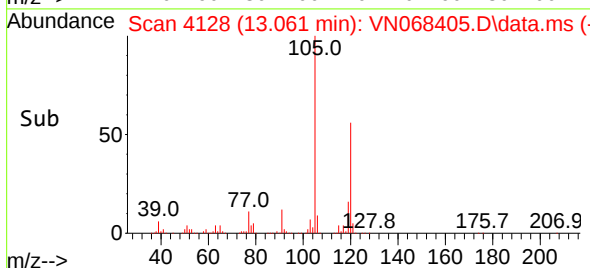
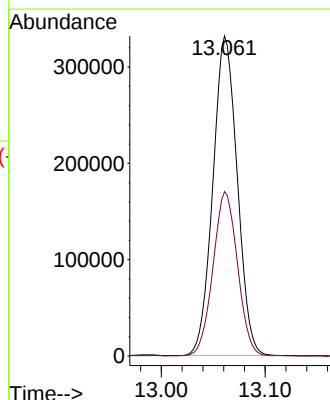
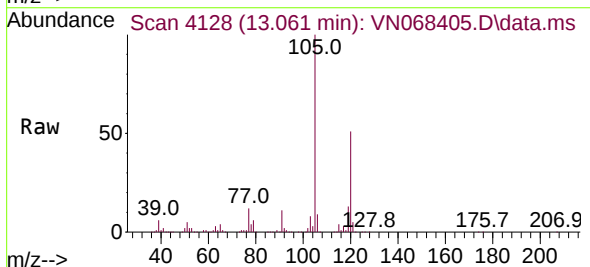
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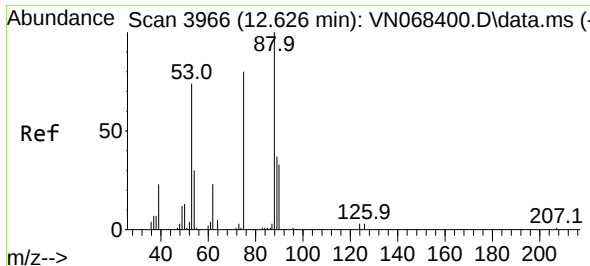
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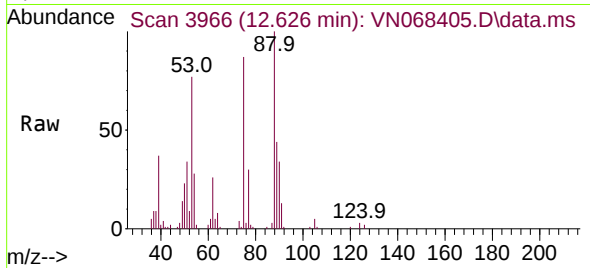
#76
1,3,5-Trimethylbenzene
Concen: 19.834 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 105 Resp: 540215
Ion Ratio Lower Upper
105 100
120 51.6 0.0 90.2

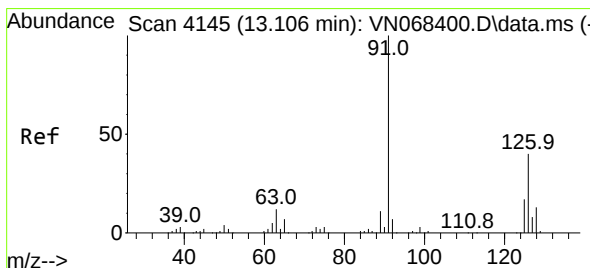
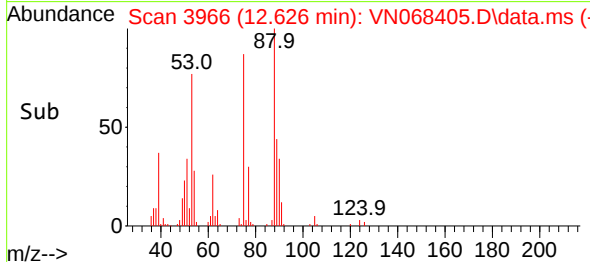
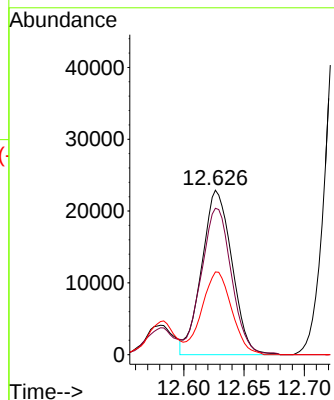




#77
t-1,4-Dichloro-2-butene
Concen: 19.066 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

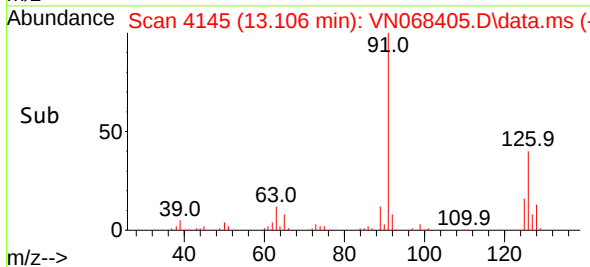
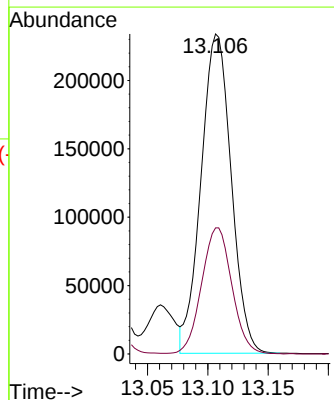
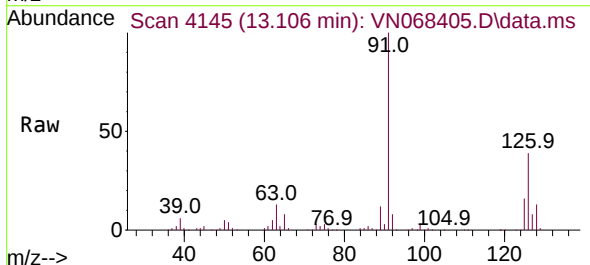


Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.0	55.2	165.6
89	50.3	24.5	73.5



#78
4-Chlorotoluene
Concen: 19.630 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	39.7	0.0	57.6

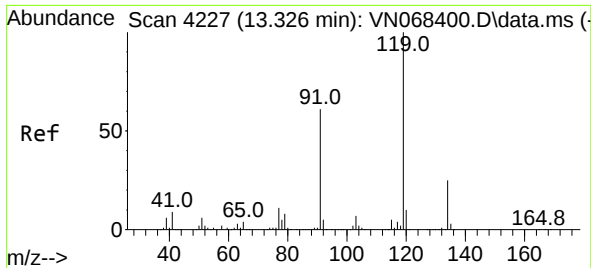


Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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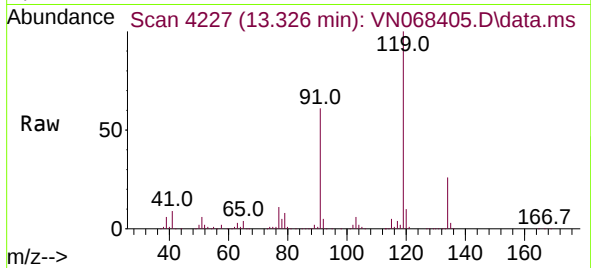
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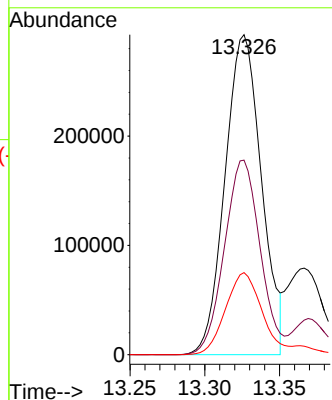
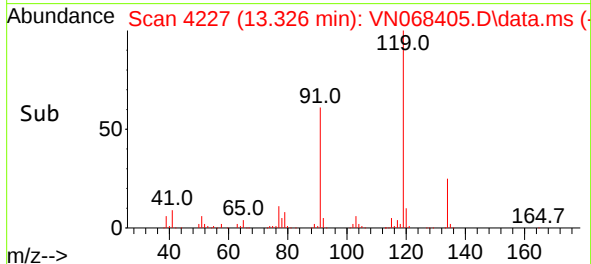
#79
tert-butylbenzene
Concen: 19.924 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN090321



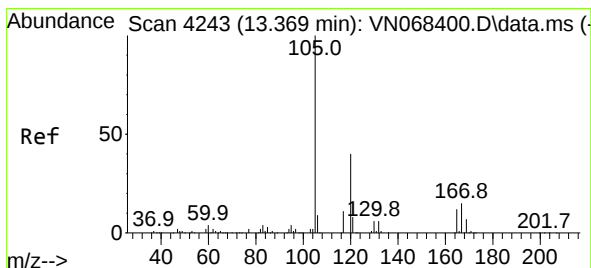
Tgt Ion:119 Resp: 496132
Ion Ratio Lower Upper
119 100
91 59.8 0.0 158.4
134 25.7 0.0 43.6

Manual Integrations
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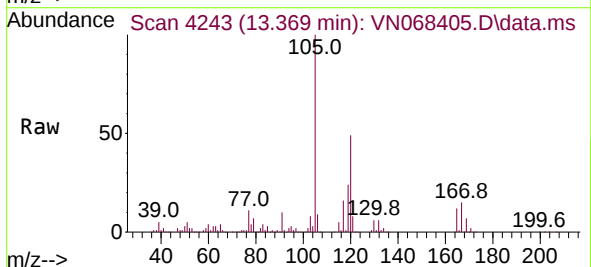


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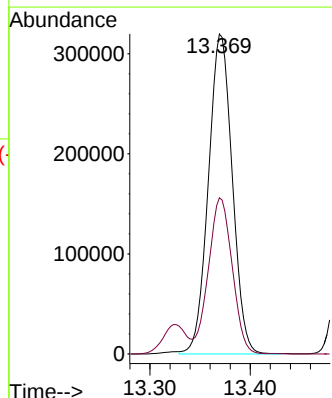
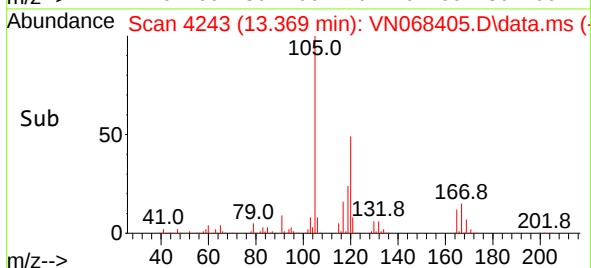
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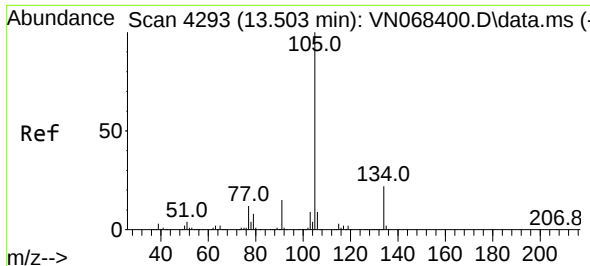


#80
1,2,4-Trimethylbenzene
Concen: 19.992 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



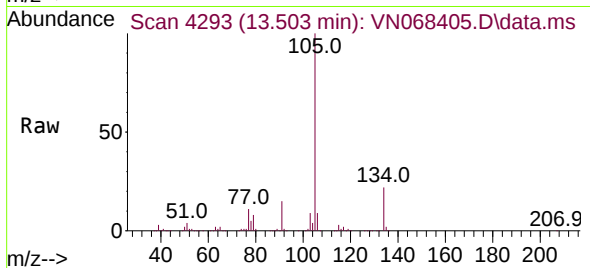
Tgt Ion:105 Resp: 528915
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





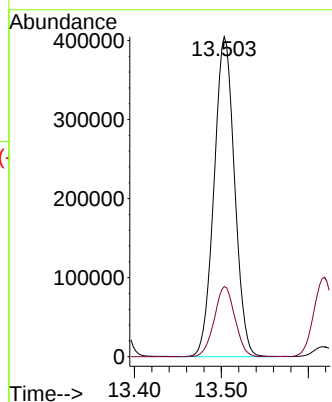
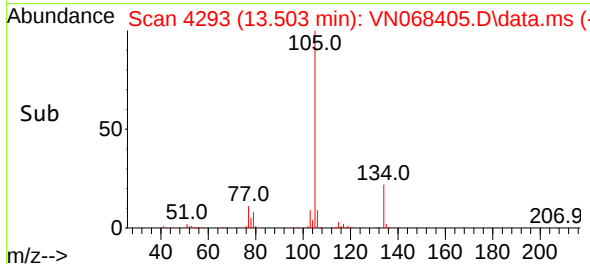
#81
 sec-Butylbenzene
 Concen: 19.835 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068405.D
 Acq: 3 Sep 2021 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090321



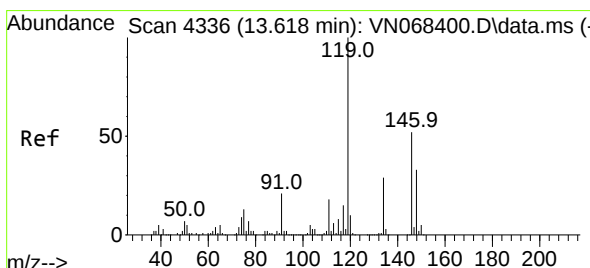
Tgt Ion:105 Resp: 663037
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 35.4

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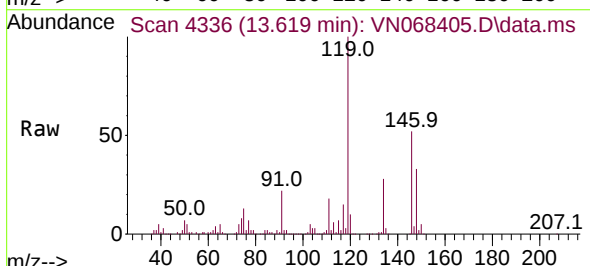


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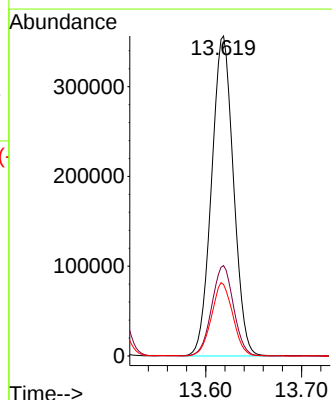
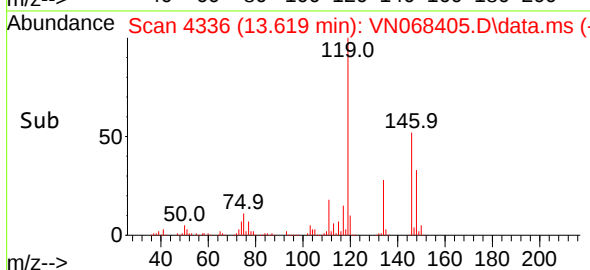
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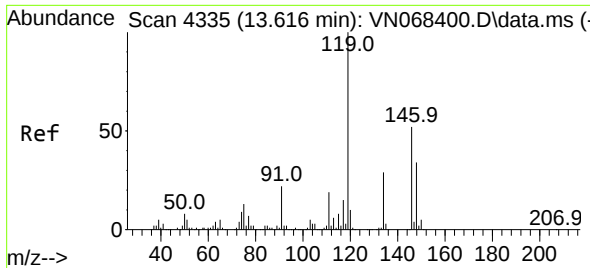


#82
 p-Isopropyltoluene
 Concen: 19.632 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068405.D
 Acq: 3 Sep 2021 13:50



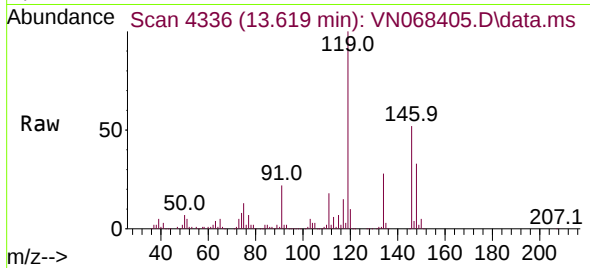
Tgt Ion:119 Resp: 564773
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 49.0
 91 22.4 0.0 59.6





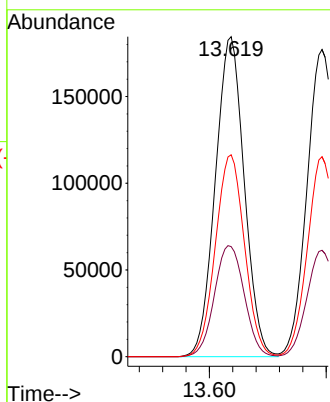
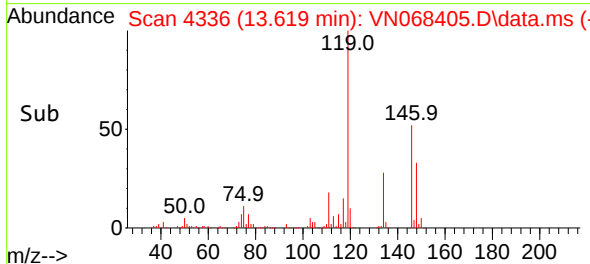
#83
1,3-Dichlorobenzene
Concen: 19.720 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321



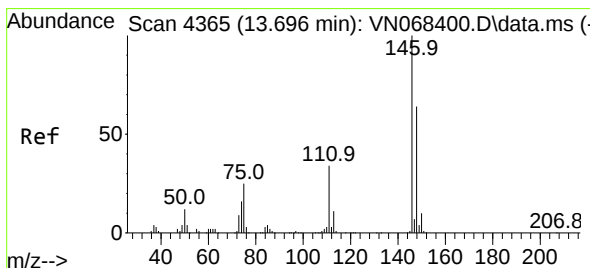
Tgt Ion:146 Resp: 317264
Ion Ratio Lower Upper
146 100
111 35.8 25.0 75.0
148 63.6 32.6 97.7

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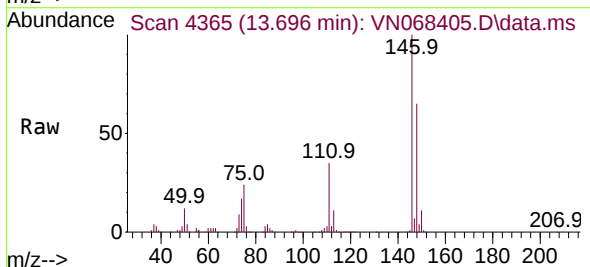


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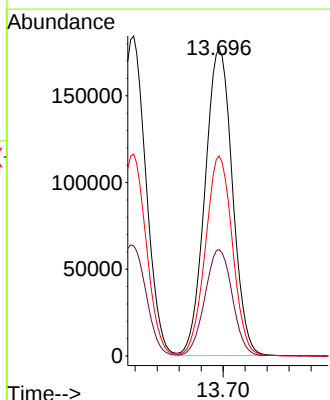
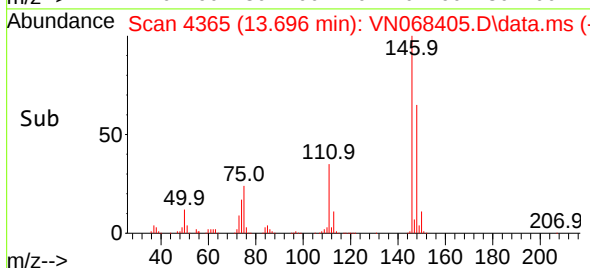
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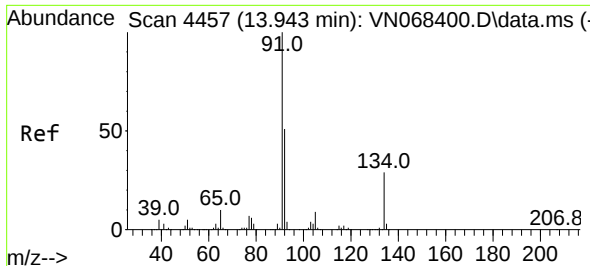


#84
1,4-Dichlorobenzene
Concen: 19.761 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

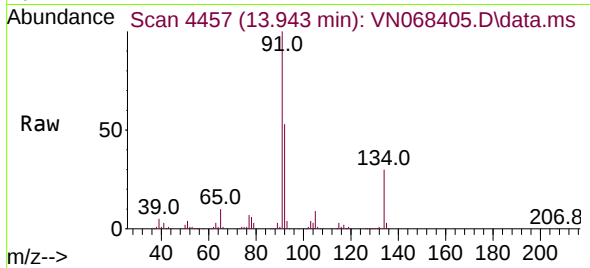


Tgt Ion:146 Resp: 306508
Ion Ratio Lower Upper
146 100
111 34.7 23.6 71.0
148 64.3 31.8 95.3

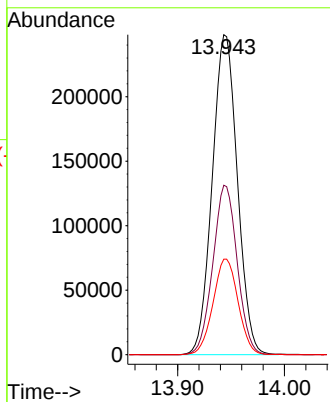
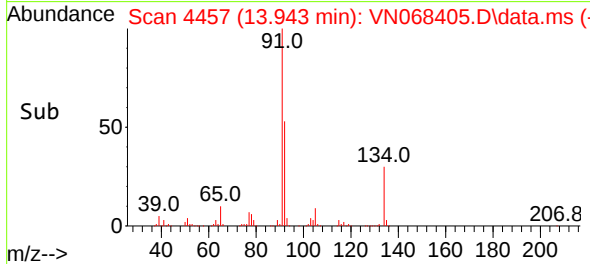




#85
n-Butylbenzene
Concen: 18.908 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 91 Resp: 405571
Ion Ratio Lower Upper
91 100
92 51.4 0.0 103.0
134 29.8 0.0 43.6

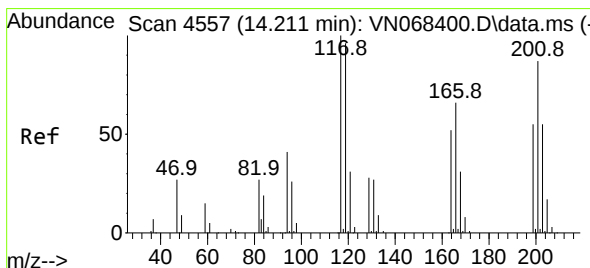


Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

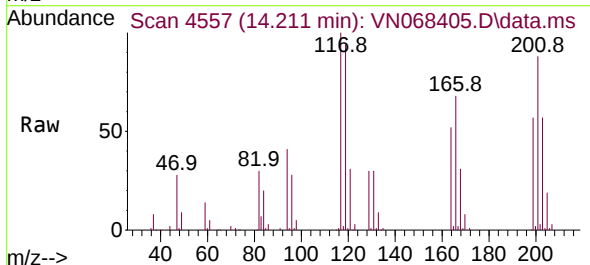
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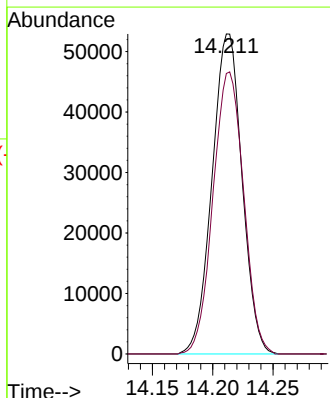
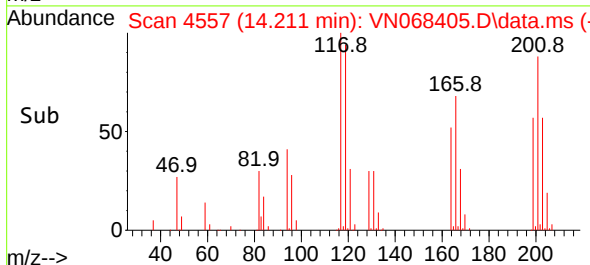
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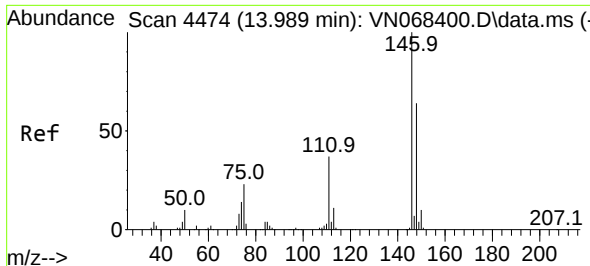


#86
Hexachloroethane
Concen: 18.827 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50



Tgt Ion: 117 Resp: 91619
Ion Ratio Lower Upper
117 100
201 89.7 33.3 99.9



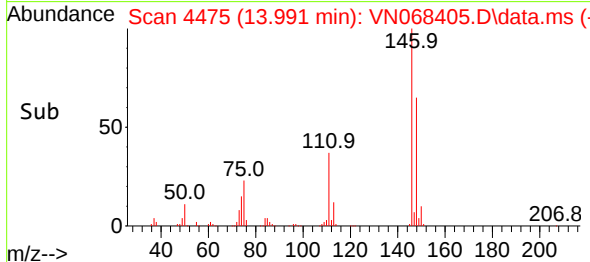
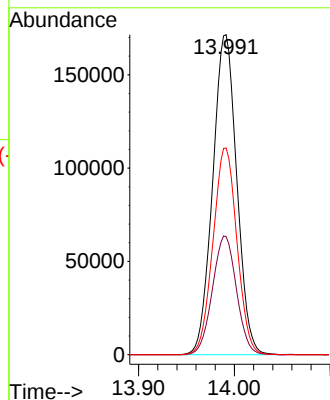
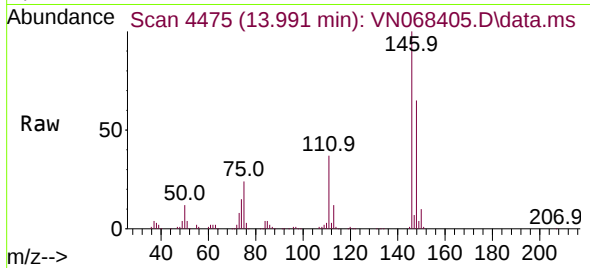


#87
1,2-Dichlorobenzene
Concen: 19.573 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:146 Resp: 299332
Ion Ratio Lower Upper
146 100
111 37.0 25.0 75.0
148 64.2 32.0 96.0

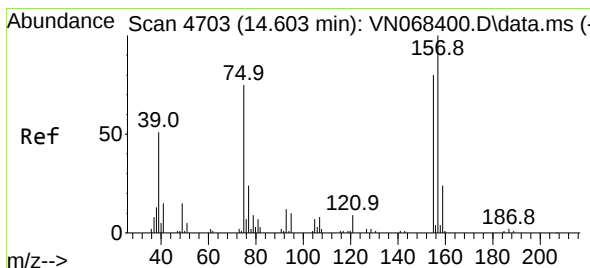
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090321

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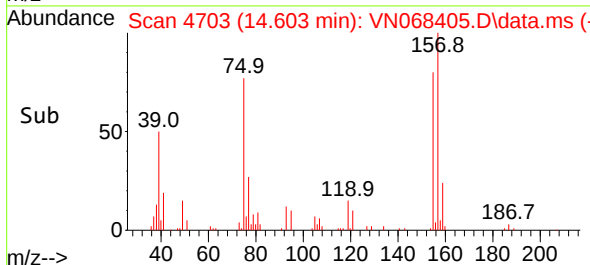
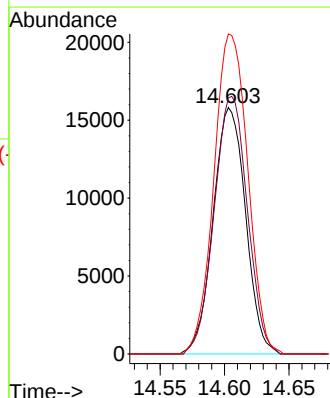
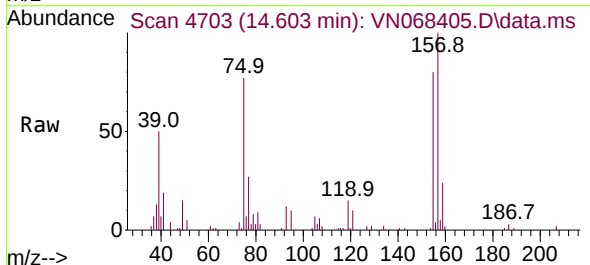
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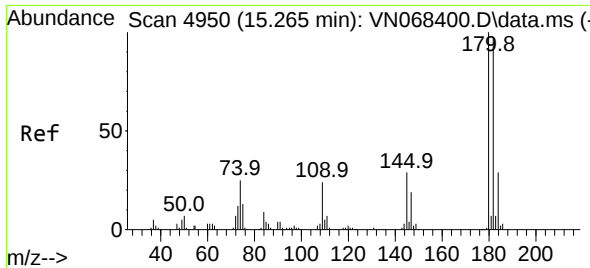
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#88
1,2-Dibromo-3-Chloropropane
Concen: 19.019 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion: 75 Resp: 27714
Ion Ratio Lower Upper
75 100
155 107.1 45.3 67.9#
157 135.5 58.6 87.8#



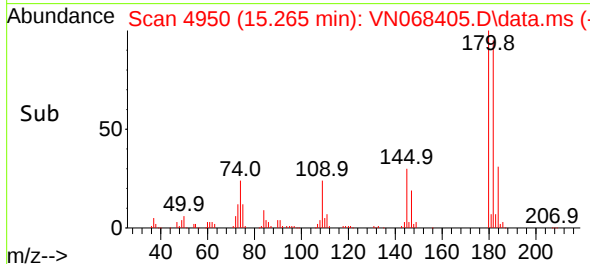
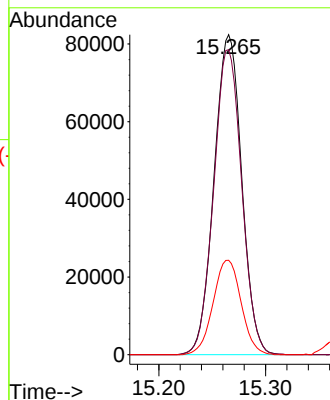
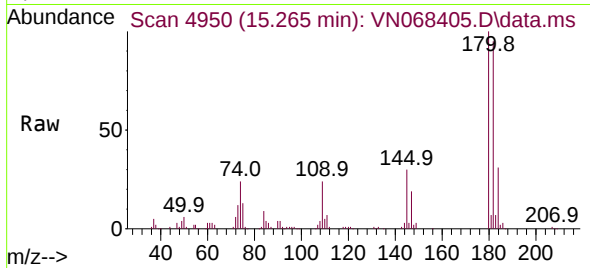


#89
1,2,4-Trichlorobenzene
Concen: 18.053 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.9	113.9
145	29.9	28.8	43.2

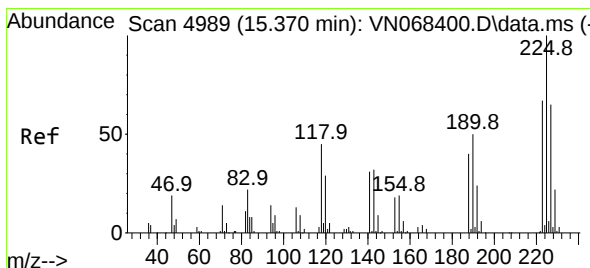
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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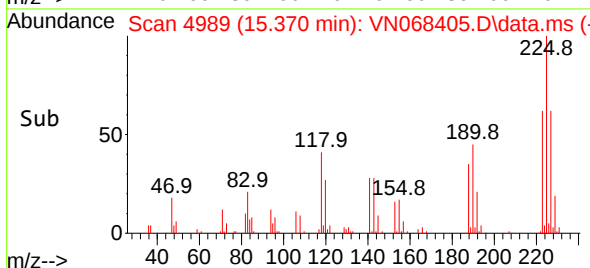
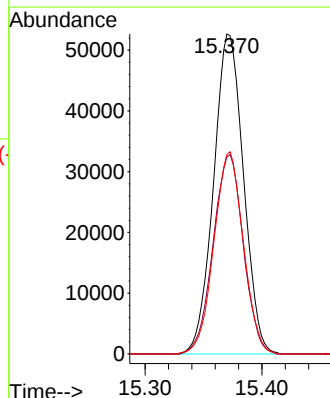
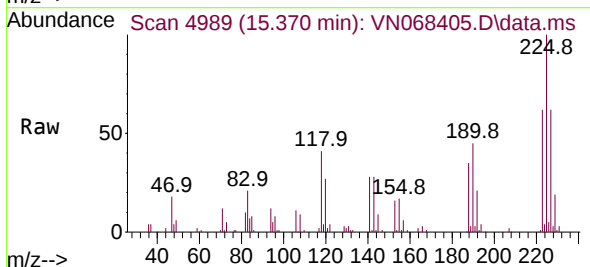
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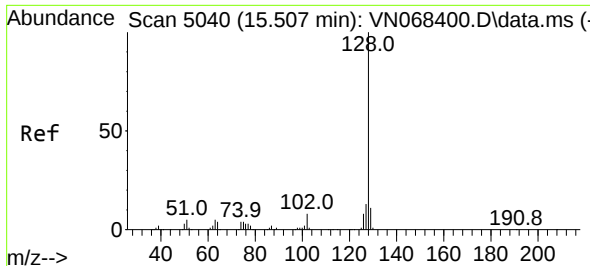
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#90
Hexachlorobutadiene
Concen: 19.424 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	129.6
227	62.2	0.0	131.2



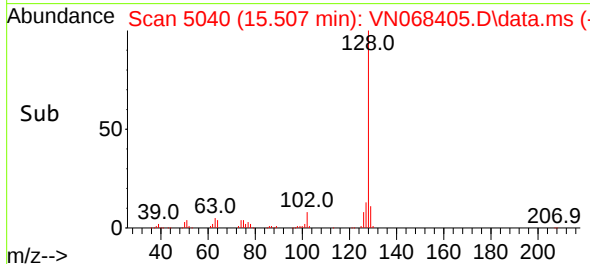
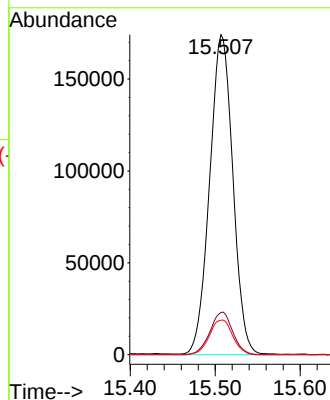
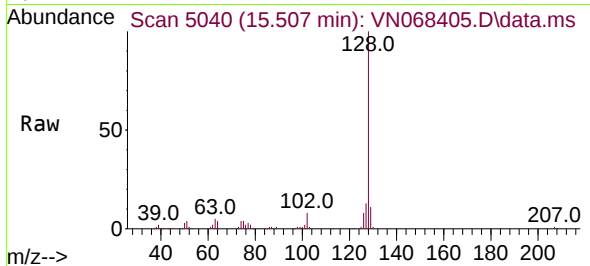


#91
Naphthalene
Concen: 19.091 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:	128	Resp:	331505
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.9	8.9	13.3

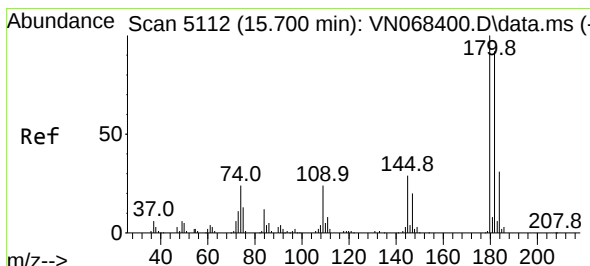
Instrument :
MSVOA_N
ClientSampled :
ICVVN090321

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#92
1,2,3-Trichlorobenzene
Concen: 18.060 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN068405.D
Acq: 3 Sep 2021 13:50

Tgt Ion:	180	Resp:	141109
Ion Ratio	Lower	Upper	
180	100		
182	96.7	0.0	184.6
145	31.2	0.0	76.0

