

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068399.D
 Acq On : 3 Sep 2021 11:04
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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Quant Time: Sep 03 13:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:01:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	108203	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	564470	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	485426	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	203685	25.231	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	84.100%#
60) 4-Bromofluorobenzene	12.734	95	196591	25.726	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.767%
63) Toluene-d8	10.443	98	679452	30.645	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.078	85	24546	4.298	ug/l	97
3) Chloromethane	2.309	50	25550	3.851	ug/l	94
4) Vinyl Chloride	2.451	62	36586	3.598	ug/l	90
5) Bromomethane	2.856	94	39366	4.554	ug/l	92
6) Chloroethane	3.022	64	27506m	3.730	ug/l	
7) Trichlorofluoromethane	3.384	101	53157	2.942	ug/l	93
8) Diethyl Ether	3.837	74	16450m	4.494	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.218	101	29695	5.026	ug/l	68
10) 1,1-Dichloroethene	4.189	96	27646	5.001	ug/l	# 77
11) Methyl Iodide	4.430	142	38828	5.189	ug/l	86
12) Methyl Acetate	4.862	43	30623	4.359	ug/l	# 80
13) Acrolein	4.049	56	14244	17.965	ug/l	99
14) Acrylonitrile	5.559	53	56144	18.696	ug/l	99
15) Acetone	4.291	58	16019	18.923	ug/l	# 60
16) Carbon Disulfide	4.540	76	75414	5.140	ug/l	100
17) Allyl chloride	4.849	41	30351	3.414	ug/l	93
18) Methylene Chloride	5.103	84	33727	4.863	ug/l	# 78
19) trans-1,2-Dichloroethene	5.605	96	31069	4.856	ug/l	# 74
20) Diisopropyl ether	6.498	45	73267	3.537	ug/l	# 93
21) 1,1-Dichloroethane	6.393	63	50094	4.274	ug/l	# 95
22) cis-1,2-Dichloroethene	7.332	96	35520m	4.631	ug/l	
23) tert-Butyl Alcohol	5.361	59	21039	17.999	ug/l	# 100
24) Methyl tert-Butyl Ether	5.621	73	86048	4.047	ug/l	# 71
25) Chloroform	7.817	83	59574	4.553	ug/l	99
26) Cyclohexane	8.096	56	41123	3.989	ug/l	# 78
29) 1,1-Dichloropropene	8.222	75	40472	4.563	ug/l	91
30) 2-Butanone	7.337	43	74314	18.602	ug/l	# 85
31) 2,2-Dichloropropane	7.324	77	46866	4.584	ug/l	# 90
32) 1,1,1-Trichloroethane	8.016	97	52740	4.757	ug/l	94
33) Carbon Tetrachloride	8.209	117	46783	4.874	ug/l	96
34) Benzene	8.461	78	121669	4.578	ug/l	# 94
35) Methacrylonitrile	7.635	41	14763	3.621	ug/l	86
36) 1,2-Dichloroethane	8.528	62	41716	4.379	ug/l	# 94
37) Trichloroethene	9.220	130	37229	5.143	ug/l	# 78
38) Methylcyclohexane	9.462	83	47639	4.641	ug/l	86
39) 1,2-Dichloropropane	9.491	63	29320	4.435	ug/l	94
40) Dibromomethane	9.580	93	22581	4.574	ug/l	78
41) Bromodichloromethane	9.762	83	42171	4.411	ug/l	# 97
42) Vinyl Acetate	6.436	43	262983m	16.403	ug/l	

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:01:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	27622	3.317	ug/l #	83
44) Isopropyl Acetate	8.560	43	52669	3.670	ug/l #	85
45) 1,4-Dioxane	9.569	88	8941	78.955	ug/l #	84
46) Methyl methacrylate	9.558	41	19452	3.093	ug/l	83
47) n-amyl Acetate	12.390	43	32088	2.745	ug/l #	88
48) t-1,3-Dichloropropene	10.722	75	38854	3.773	ug/l	95
49) cis-1,3-Dichloropropene	10.191	75	43091	3.969	ug/l #	84
50) 1,1,2-Trichloroethane	10.899	97	31779	4.561	ug/l	97
51) Ethyl methacrylate	10.762	69	36024	3.424	ug/l	78
52) 1,3-Dichloropropane	11.044	76	46882	4.147	ug/l	100
53) Dibromochloromethane	11.240	129	33189	4.341	ug/l	99
54) 1,2-Dibromoethane	11.344	107	31607	4.368	ug/l	100
55) 2-Chloroethyl vinyl ether	10.041	63	11711	5.869	ug/l #	89
56) Bromoform	12.457	173	23022	4.197	ug/l #	99
58) 4-Methyl-2-Pentanone	10.331	43	143081	17.997	ug/l #	90
59) 2-Hexanone	11.087	43	104787	18.685	ug/l	91
61) Tetrachloroethene	10.980	164	38788	5.967	ug/l	91
62) Toluene	10.508	91	138062	4.815	ug/l	99
64) Chlorobenzene	11.771	112	88428	5.049	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	32428	4.844	ug/l	98
66) Ethyl Benzene	11.846	91	139244	4.405	ug/l	90
67) m/p-Xylenes	11.956	106	112065	9.123	ug/l	77
68) o-Xylene	12.283	106	52558	4.345	ug/l	82
69) Styrene	12.296	104	80006	4.074	ug/l #	90
70) Isopropylbenzene	12.581	105	136945	4.391	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.827	83	37446	4.305	ug/l	95
72) 1,2,3-Trichloropropane	12.884	75	35834m	4.905	ug/l	
73) Bromobenzene	12.862	156	38031	5.096	ug/l	54
74) n-propylbenzene	12.924	91	145640	4.153	ug/l	88
75) 2-Chlorotoluene	13.010	91	90549	4.302	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.061	105	112266	4.343	ug/l	93
77) t-1,4-Dichloro-2-butene	12.629	75	7421	3.008	ug/l	94
78) 4-Chlorotoluene	13.106	91	90069	4.349	ug/l	84
79) tert-butylbenzene	13.326	119	99902	4.501	ug/l	83
80) 1,2,4-Trimethylbenzene	13.369	105	106099m	4.184	ug/l	
81) sec-Butylbenzene	13.503	105	134880	4.426	ug/l	91
82) p-Isopropyltoluene	13.619	119	109332	4.255	ug/l	90
83) 1,3-Dichlorobenzene	13.619	146	65285	4.730	ug/l	92
84) 1,4-Dichlorobenzene	13.696	146	63739	4.793	ug/l	92
85) n-Butylbenzene	13.943	91	87680	4.260	ug/l	96
86) Hexachloroethane	14.211	117	18667	4.230	ug/l	82
87) 1,2-Dichlorobenzene	13.991	146	63265	4.850	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	14.606	75	6305	4.059	ug/l #	47
89) 1,2,4-Trichlorobenzene	15.265	180	32099	5.174	ug/l	96
90) Hexachlorobutadiene	15.370	225	19415	6.272	ug/l	99
91) Naphthalene	15.507	128	75967	4.737	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	34147	5.805	ug/l	95

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

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

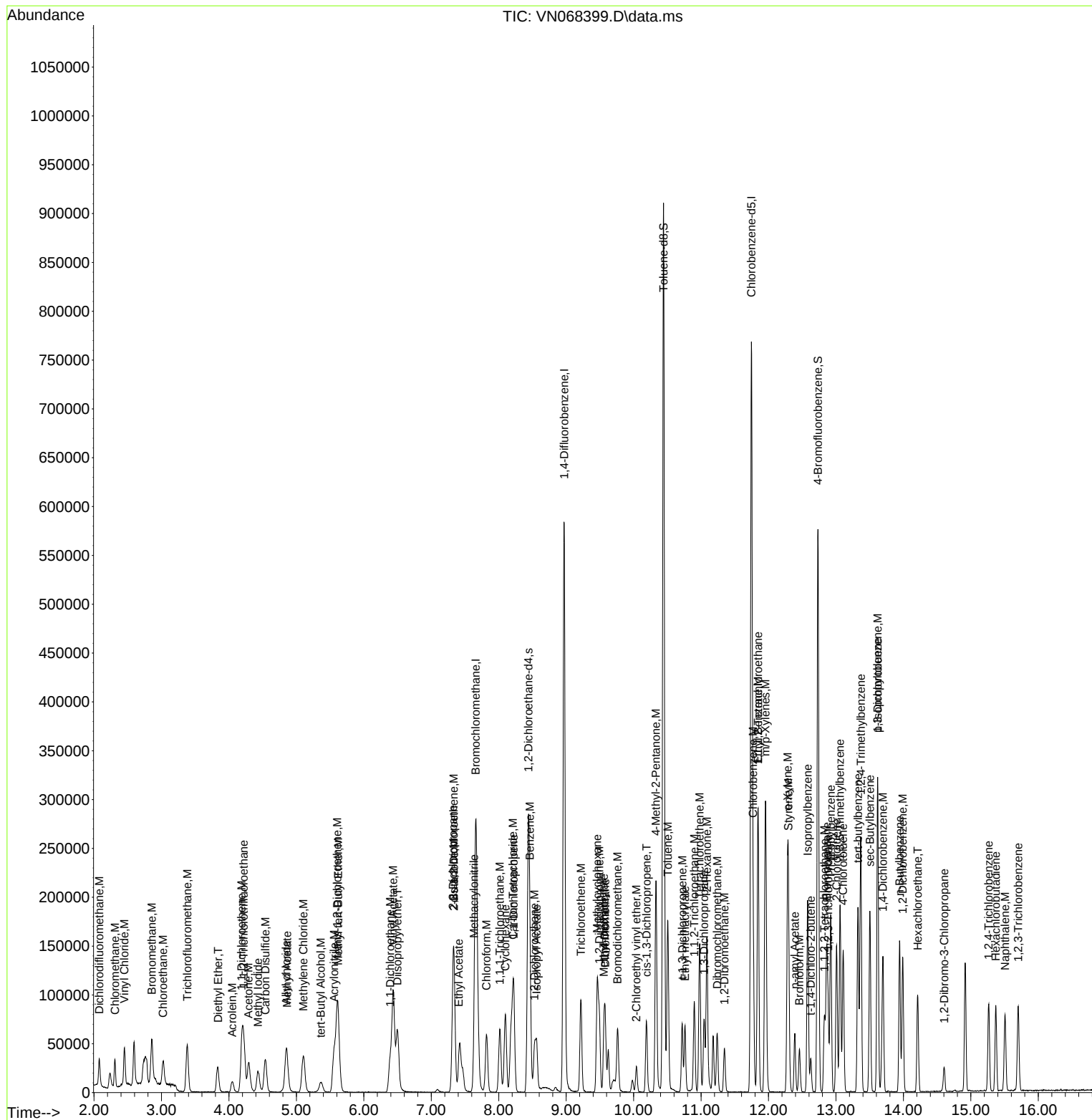
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

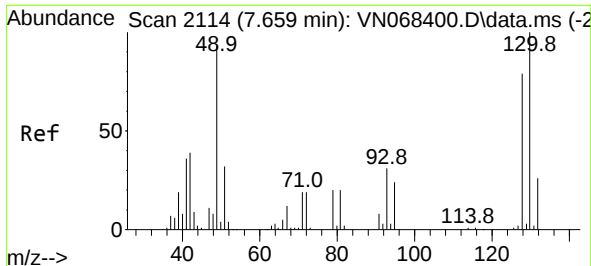
Manual Integrations
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QLast Update : Fri Sep 03 13:01:16 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

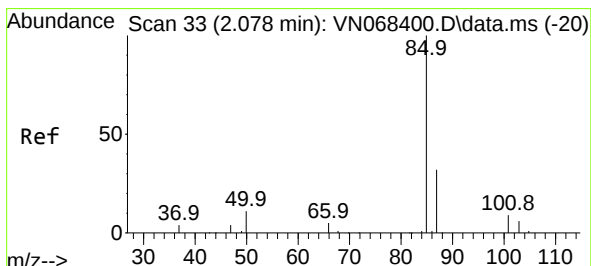
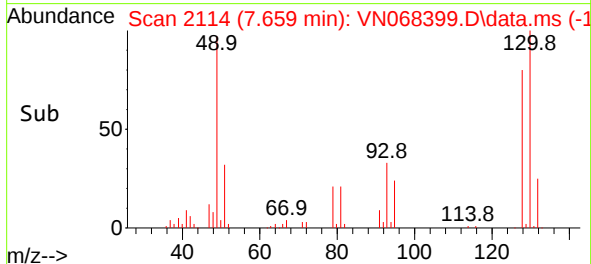
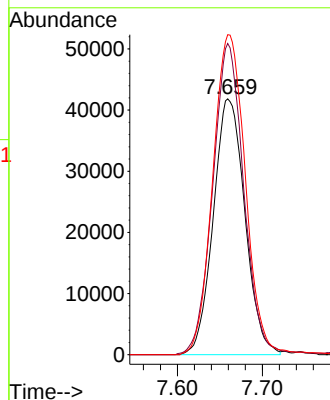
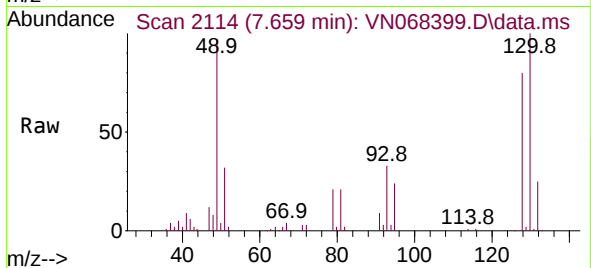
Tgt Ion:128 Resp: 108203
Ion Ratio Lower Upper
128 100
49 119.5 0.0 517.5
130 128.2 0.0 325.8

Instrument :
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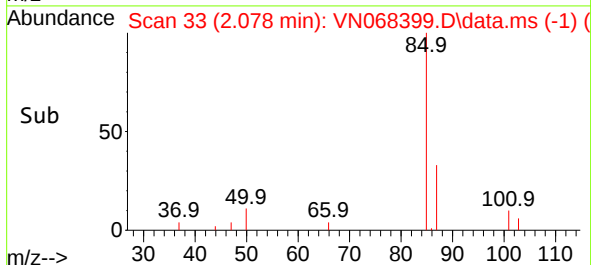
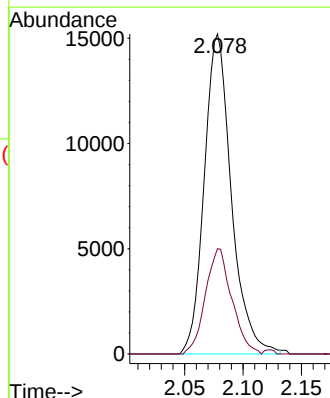
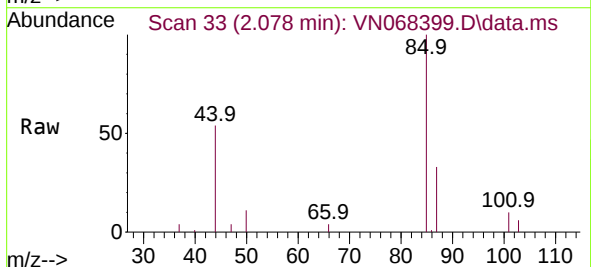
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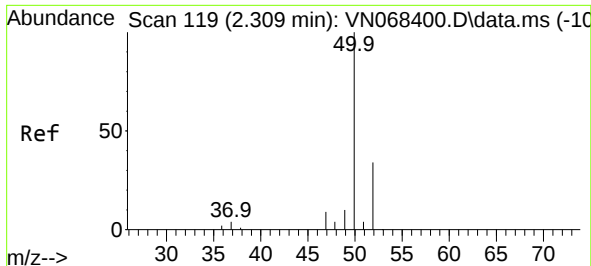
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#2
Dichlorodifluoromethane
Concen: 4.298 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 85 Resp: 24546
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





#3
Chloromethane
Concen: 3.851 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

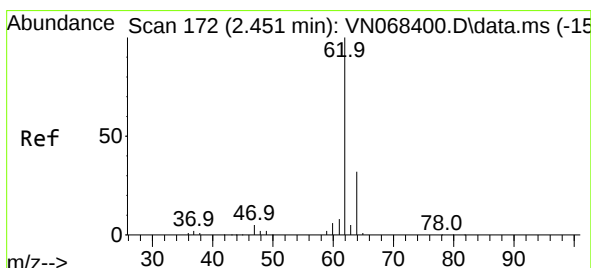
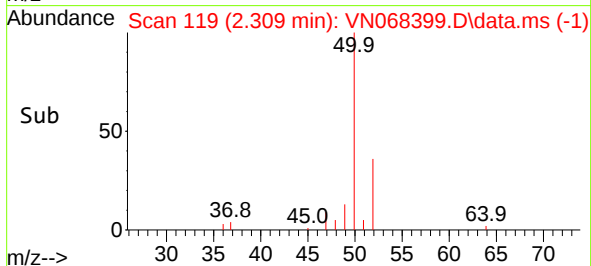
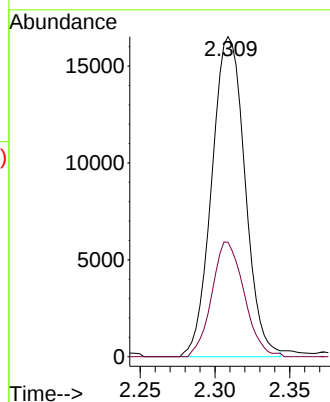
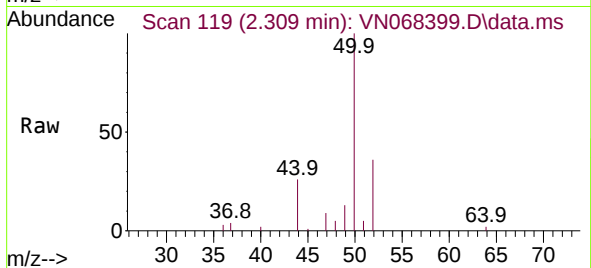
Tgt Ion: 50 Resp: 25550
Ion Ratio Lower Upper
50 100
52 35.8 26.0 39.0

Instrument :
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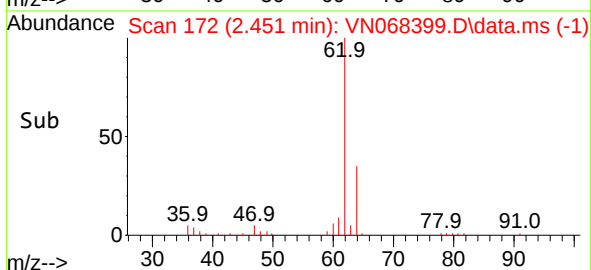
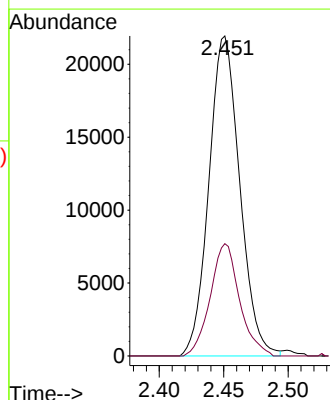
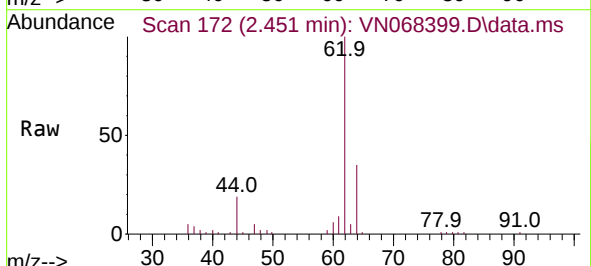
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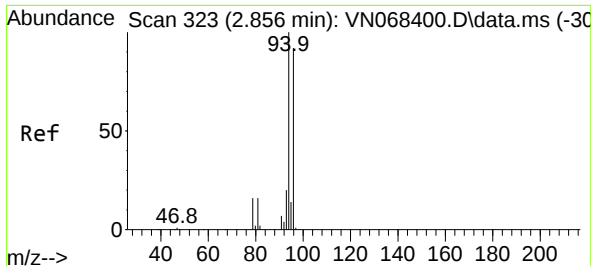
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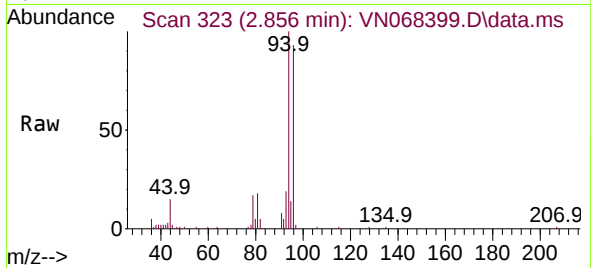
#4
Vinyl Chloride
Concen: 3.598 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 62 Resp: 36586
Ion Ratio Lower Upper
62 100
64 35.1 23.7 35.5

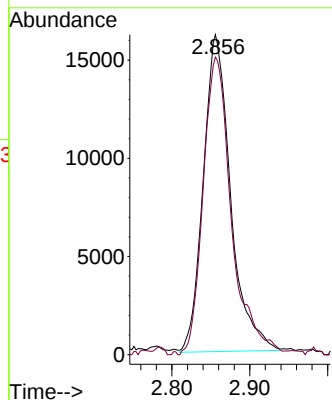




#5
Bromomethane
Concen: 4.554 ug/l
RT: 2.856 min Scan# 323
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 94 Resp: 39366
Ion Ratio Lower Upper
94 100
96 94.3 69.4 104.2

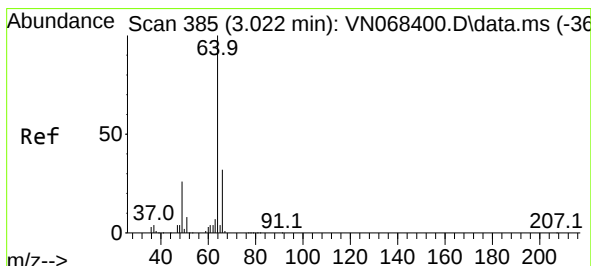
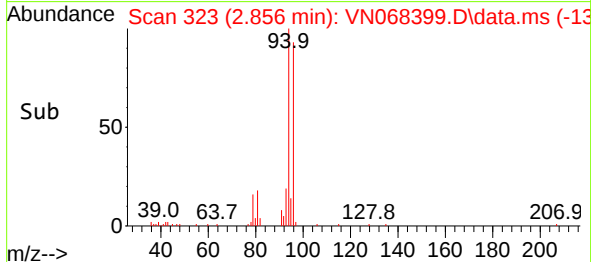


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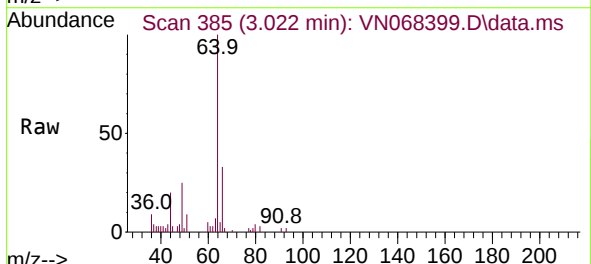
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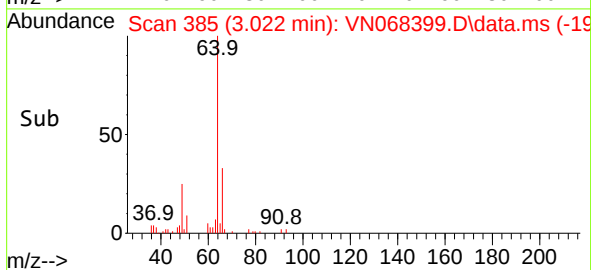
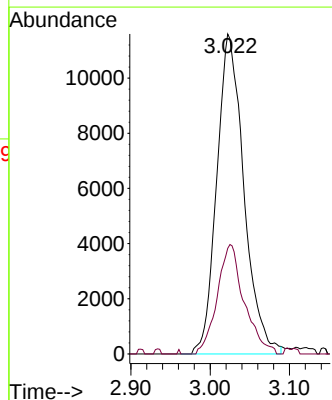
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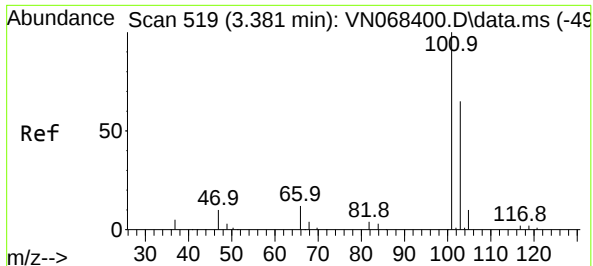


#6
Chloroethane
Concen: 3.730 ug/l m
RT: 3.022 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 64 Resp: 27506
Ion Ratio Lower Upper
64 100
66 33.0 21.5 32.3#





#7
Trichlorofluoromethane
Concen: 2.942 ug/l
RT: 3.384 min Scan# 520
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

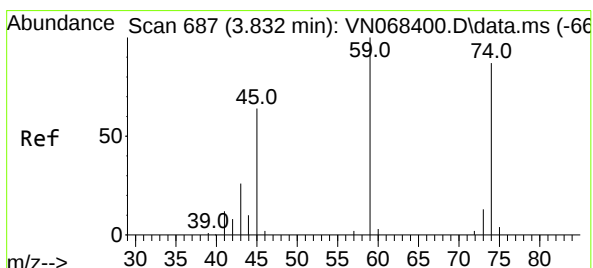
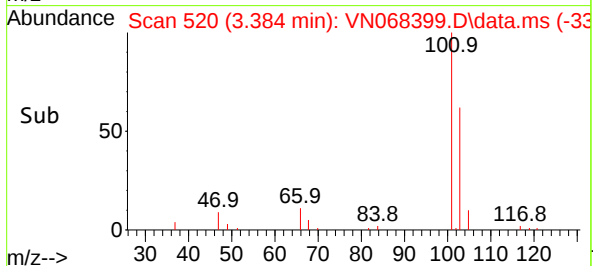
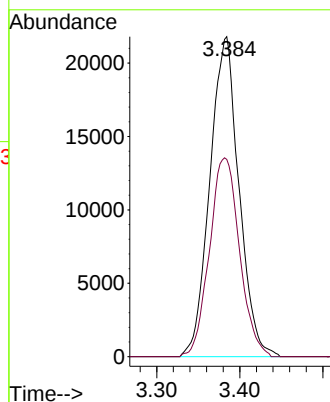
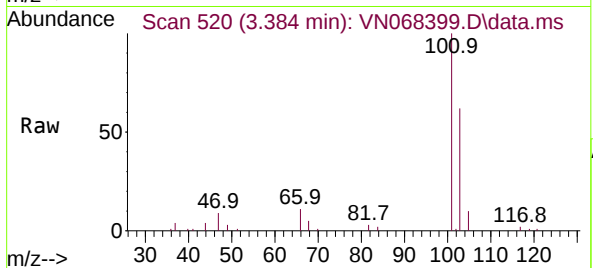
Tgt Ion:101 Resp: 53157
Ion Ratio Lower Upper
101 100
103 61.6 53.7 80.5

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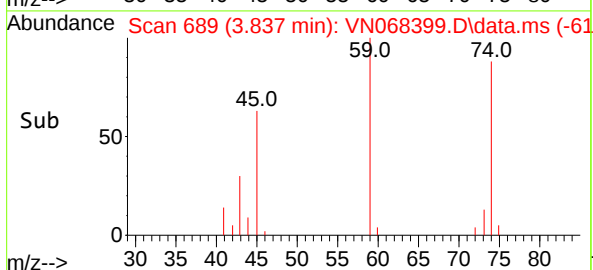
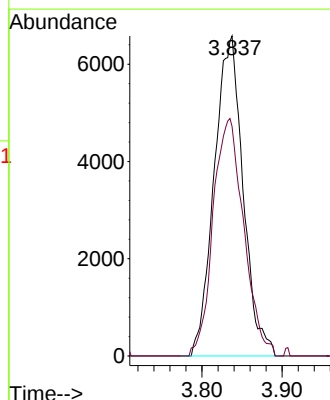
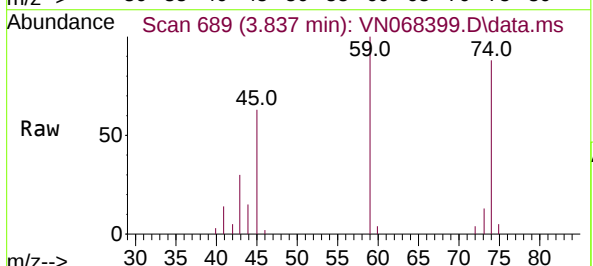
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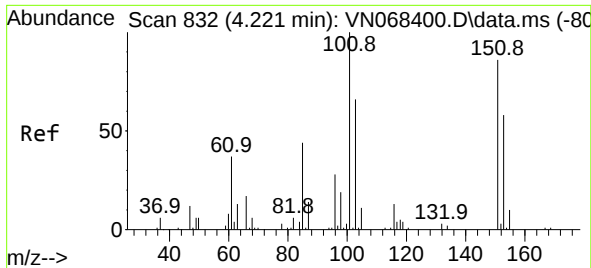
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#8
Diethyl Ether
Concen: 4.494 ug/l m
RT: 3.837 min Scan# 689
Delta R.T. 0.006 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 74 Resp: 16450
Ion Ratio Lower Upper
74 100
45 0.0 20.3 182.5#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.026 ug/l
RT: 4.218 min Scan# 831
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

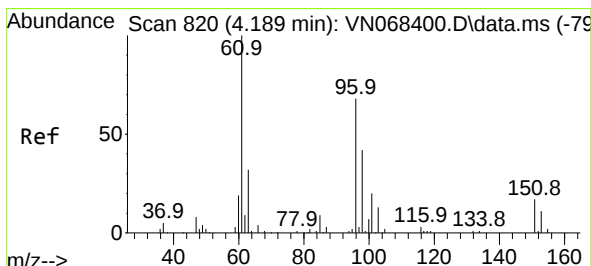
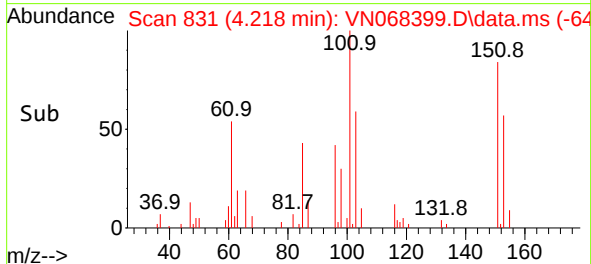
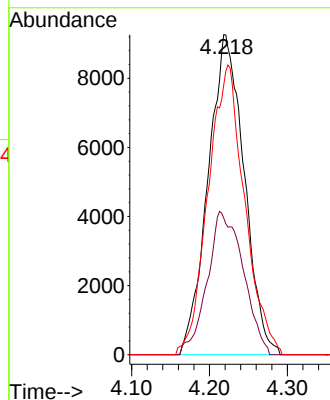
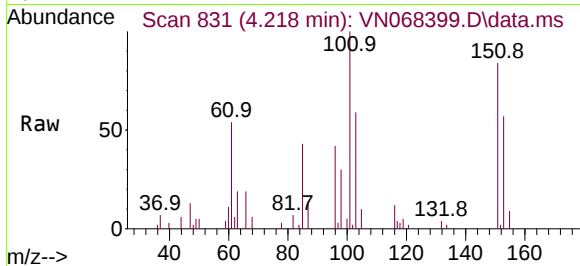
Tgt Ion	Ratio	Lower	Upper
101	100		
85	25.5	0.0	97.8
151	91.8	0.0	135.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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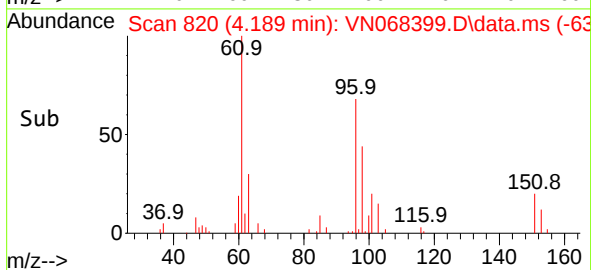
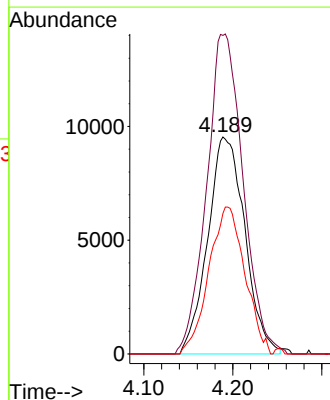
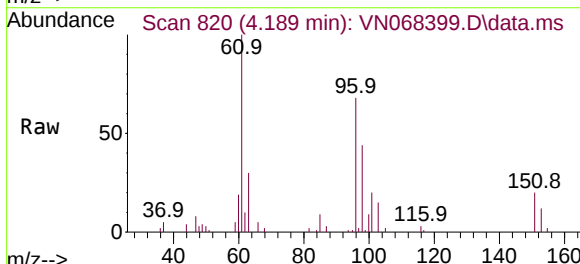
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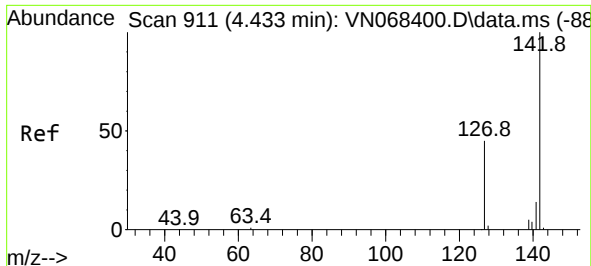
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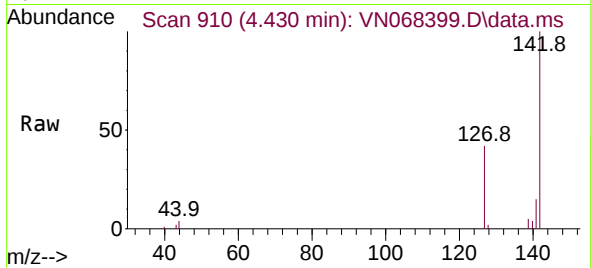
#10
1,1-Dichloroethene
Concen: 5.001 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	148.3	222.5#
98	64.7	48.6	73.0

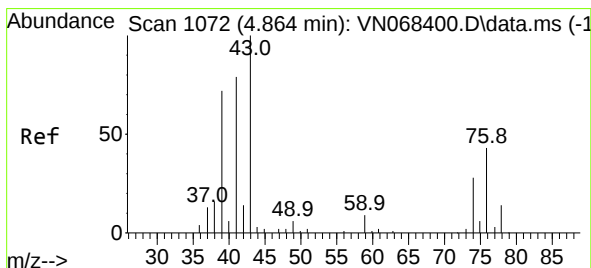
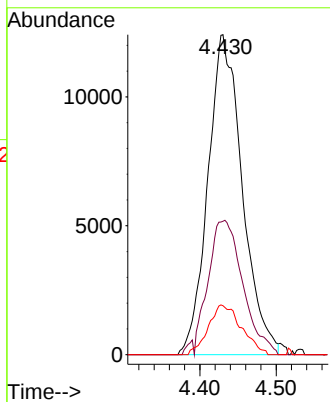
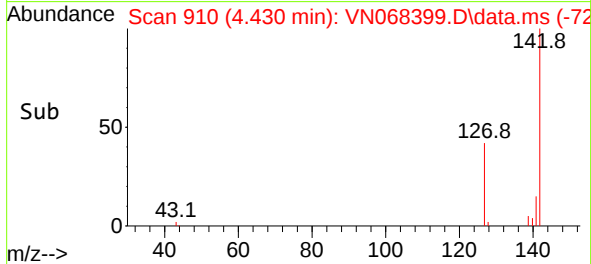




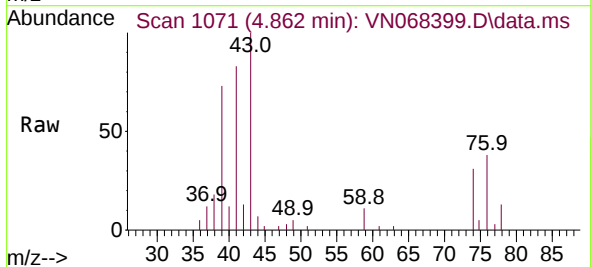
#11
Methyl Iodide
Concen: 5.189 ug/l
RT: 4.430 min Scan# 910
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



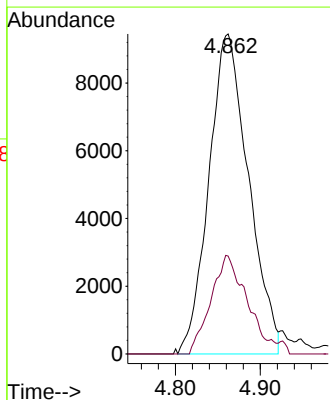
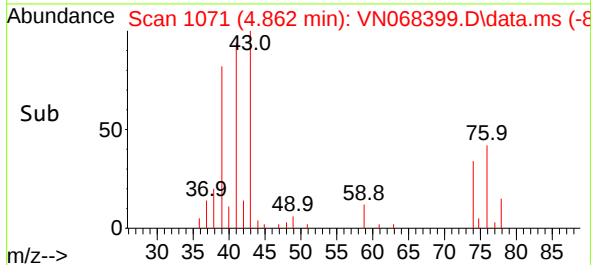
Tgt Ion: 142 Resp: 38828
Ion Ratio Lower Upper
142 100
127 42.4 27.2 81.5
141 15.6 6.9 20.7



#12
Methyl Acetate
Concen: 4.359 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 43 Resp: 30623
Ion Ratio Lower Upper
43 100
74 30.0 16.6 25.0#

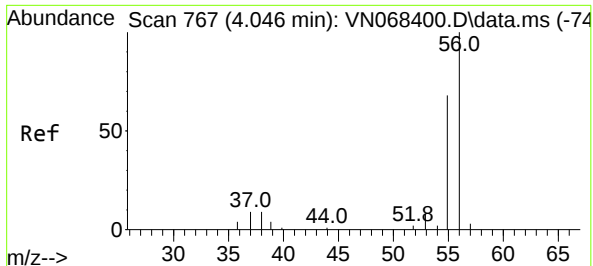


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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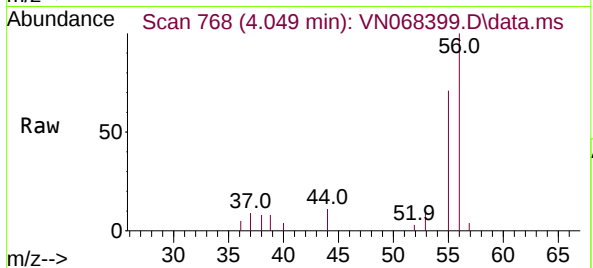
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#13
Acrolein
Concen: 17.965 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

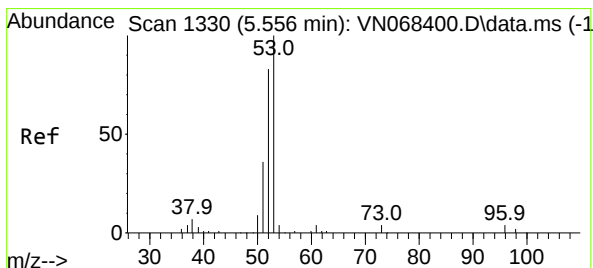
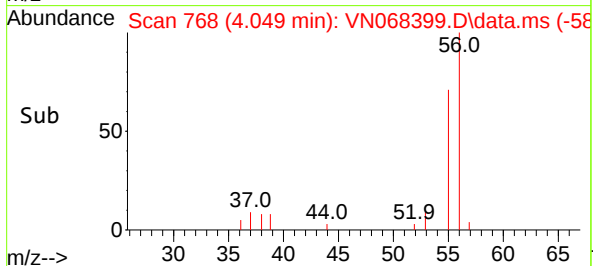
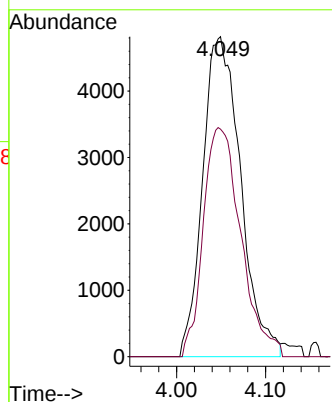


Tgt Ion: 56 Resp: 14244
Ion Ratio Lower Upper
56 100
55 70.9 57.5 86.3

Manual Integrations
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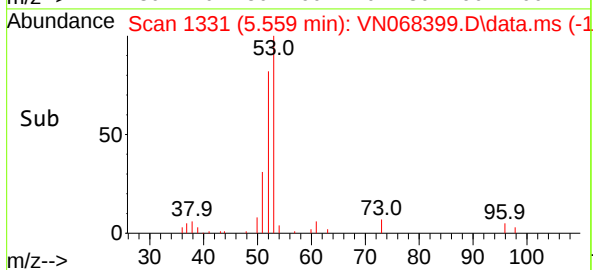
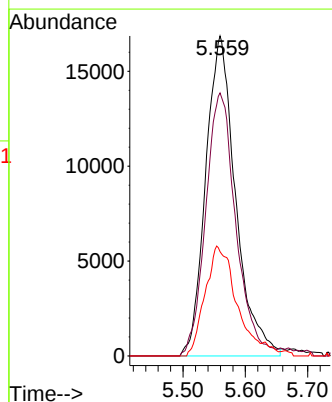
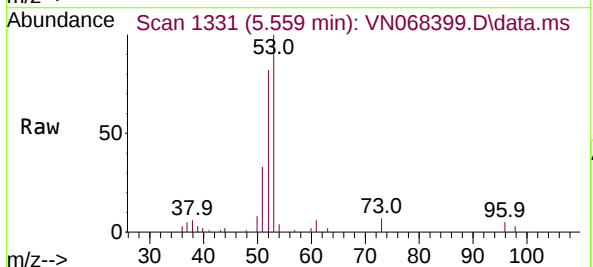
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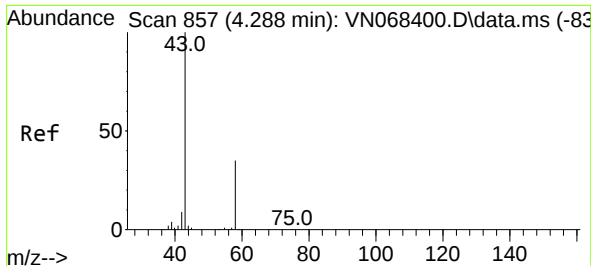
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#14
Acrylonitrile
Concen: 18.696 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 53 Resp: 56144
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 35.5 18.1 54.3





#15
Acetone
Concen: 18.923 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

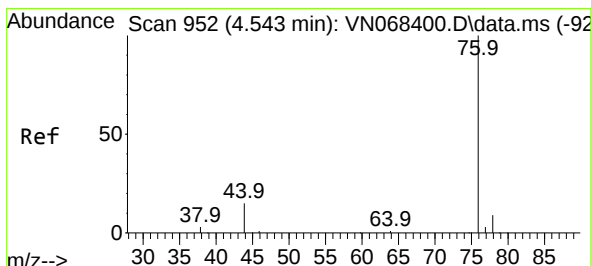
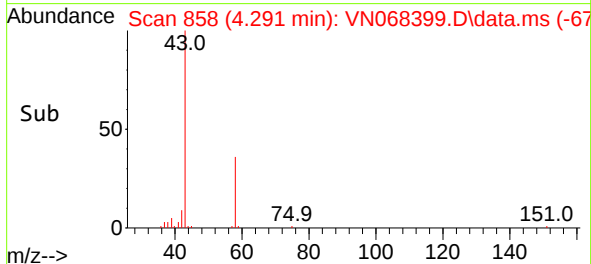
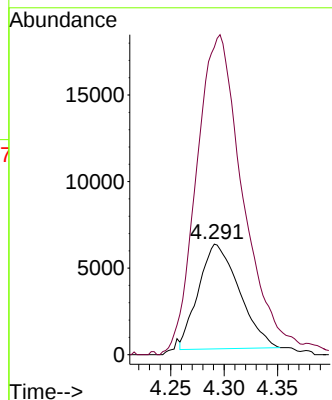
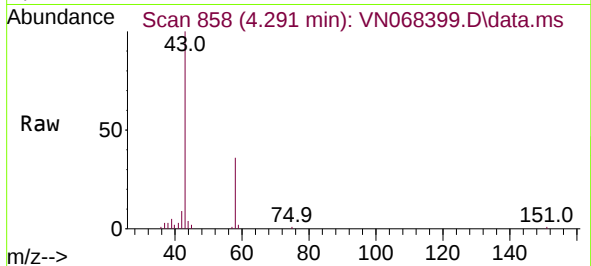
Tgt Ion: 58 Resp: 16019
Ion Ratio Lower Upper
58 100
43 273.5 289.6 434.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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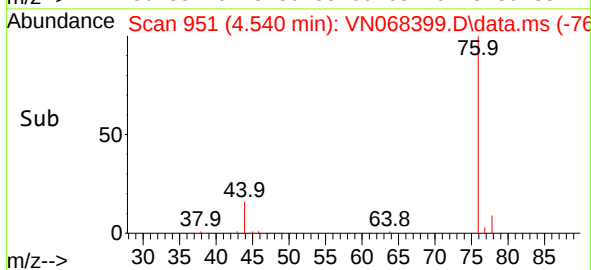
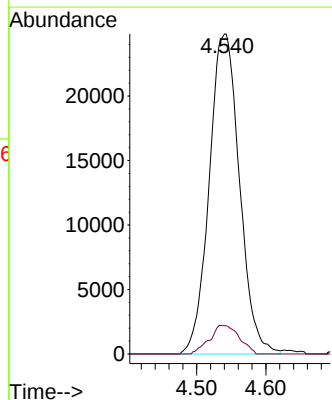
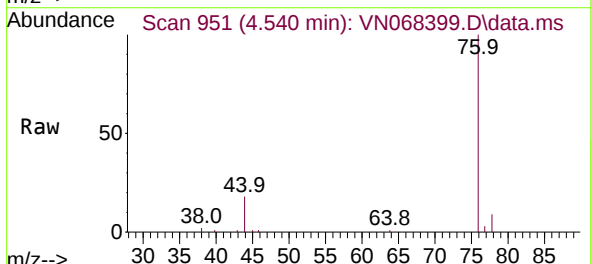
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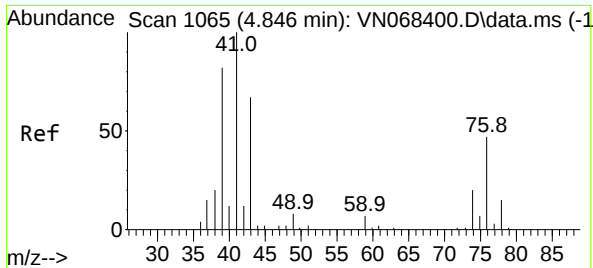
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#16
Carbon Disulfide
Concen: 5.140 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

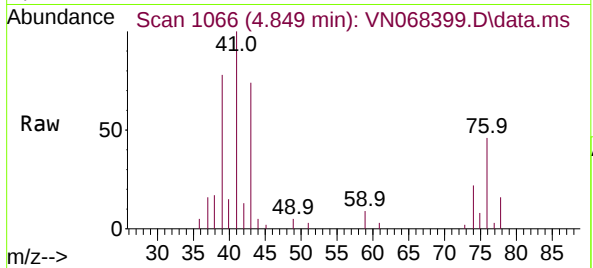
Tgt Ion: 76 Resp: 75414
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





#17
 Allyl chloride
 Concen: 3.414 ug/l
 RT: 4.849 min Scan# 1066
 Delta R.T. 0.003 min
 Lab File: VN068399.D
 Acq: 3 Sep 2021 11:04

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

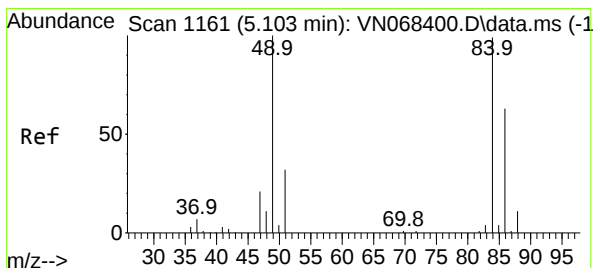
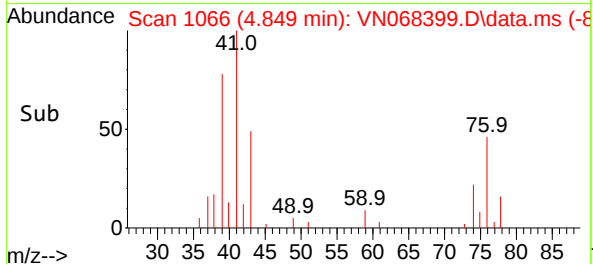
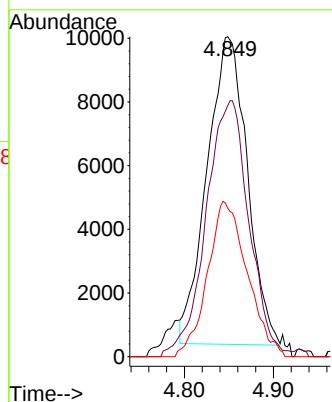


Tgt Ion: 41 Resp: 30351
 Ion Ratio Lower Upper
 41 100
 39 78.9 39.8 119.4
 76 46.4 16.8 50.4

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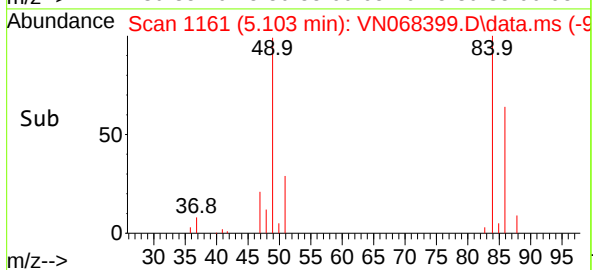
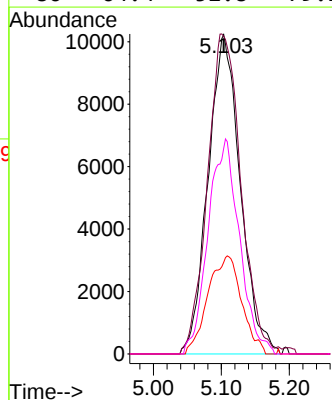
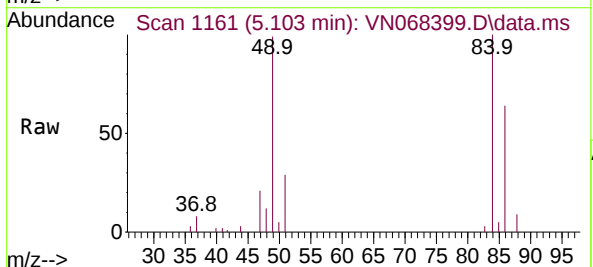
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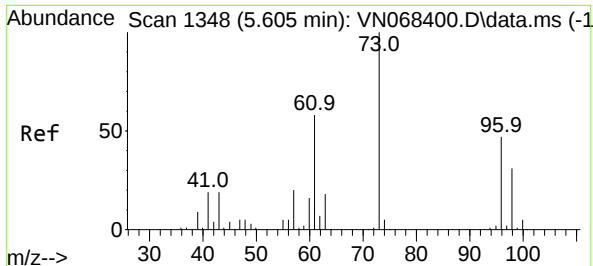
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#18
 Methylene Chloride
 Concen: 4.863 ug/l
 RT: 5.103 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: VN068399.D
 Acq: 3 Sep 2021 11:04

Tgt Ion: 84 Resp: 33727
 Ion Ratio Lower Upper
 84 100
 49 99.5 110.9 166.3#
 51 28.7 31.2 46.8#
 86 64.4 52.8 79.2





#19

trans-1,2-Dichloroethene
Concen: 4.856 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

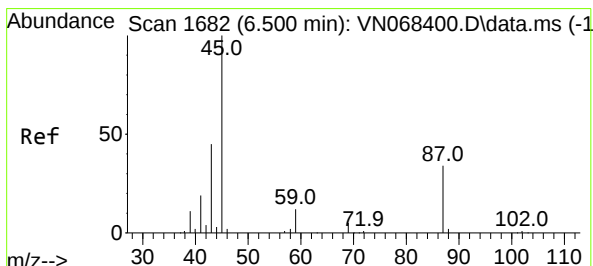
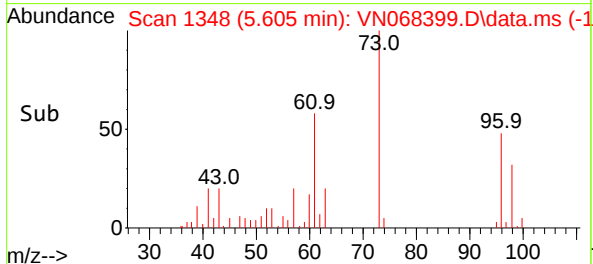
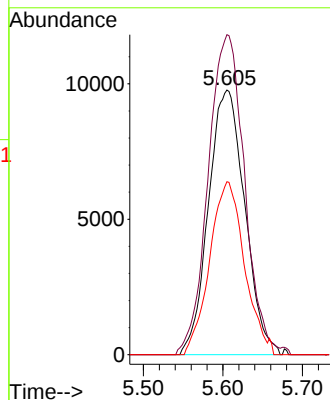
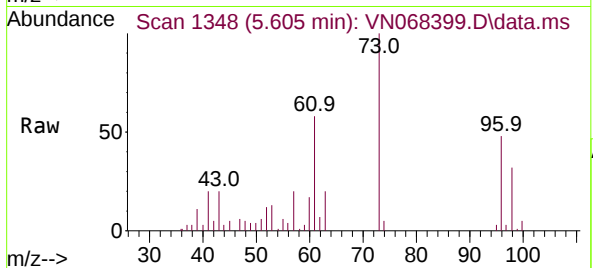
Tgt Ion: 96 Resp: 31069
Ion Ratio Lower Upper
96 100
61 118.5 129.3 193.9#
98 65.3 48.0 72.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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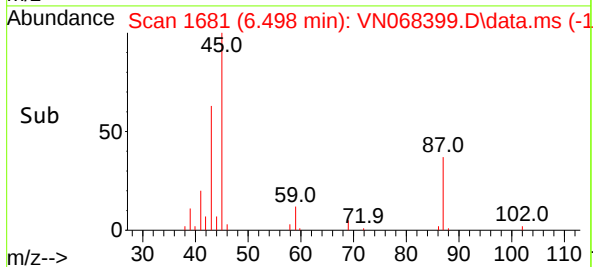
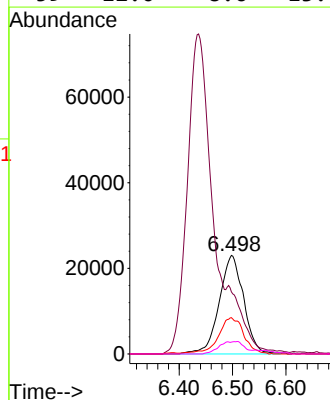
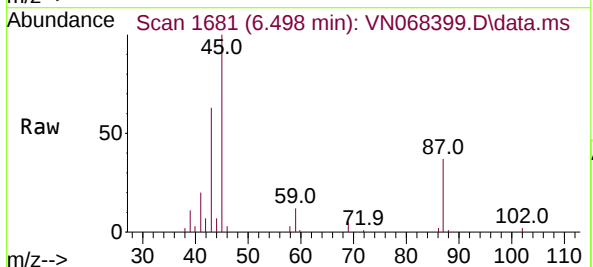
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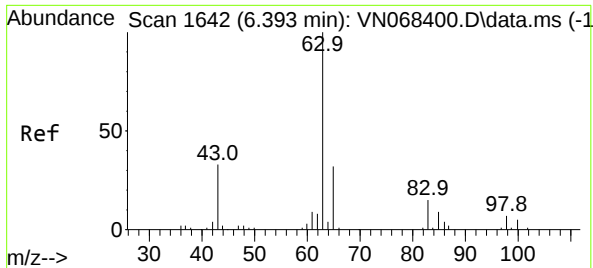


#20

Diisopropyl ether
Concen: 3.537 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 45 Resp: 73267
Ion Ratio Lower Upper
45 100
43 59.7 48.1 72.1
87 36.9 19.8 29.6#
59 12.0 8.6 13.0





#21
1,1-Dichloroethane
Concen: 4.274 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

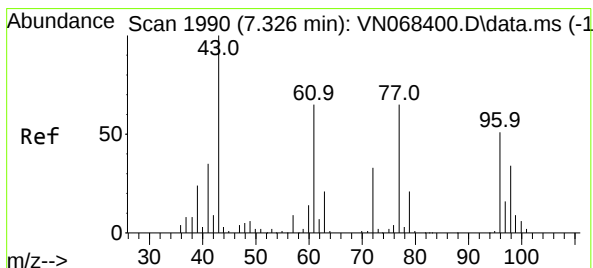
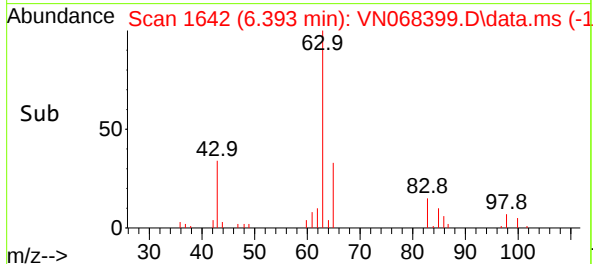
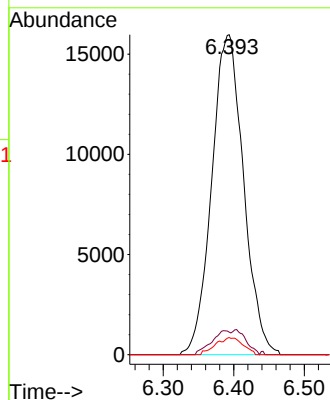
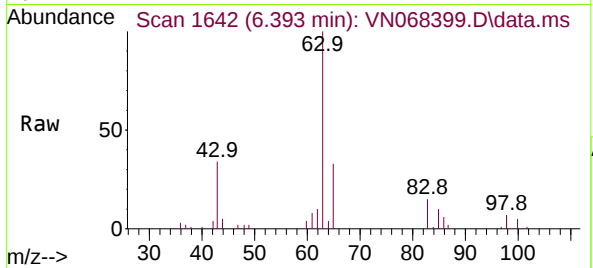
Tgt Ion: 63 Resp: 50094
Ion Ratio Lower Upper
63 100
98 7.0 2.7 8.1
100 5.3 1.8 5.3#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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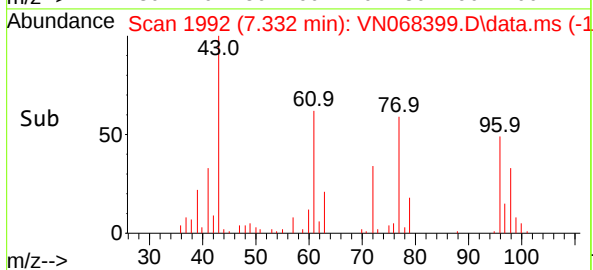
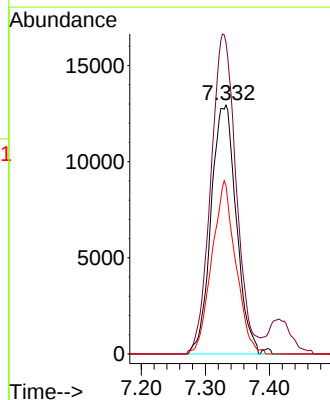
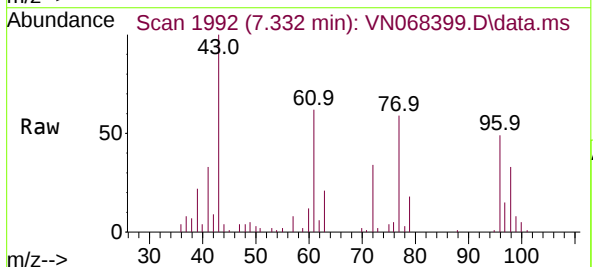
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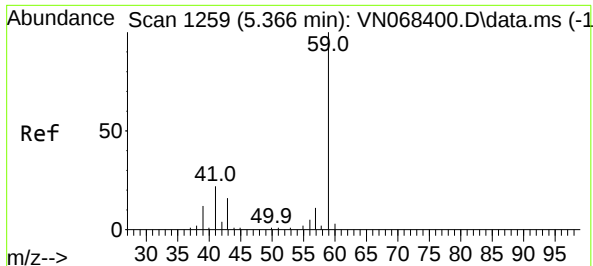
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#22
cis-1,2-Dichloroethene
Concen: 4.631 ug/l m
RT: 7.332 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 96 Resp: 35520
Ion Ratio Lower Upper
96 100
61 128.8 131.2 196.8#
98 65.4 50.7 76.1





#23
tert-Butyl Alcohol
Concen: 17.999 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.005 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

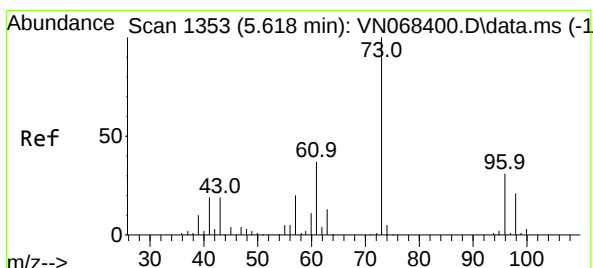
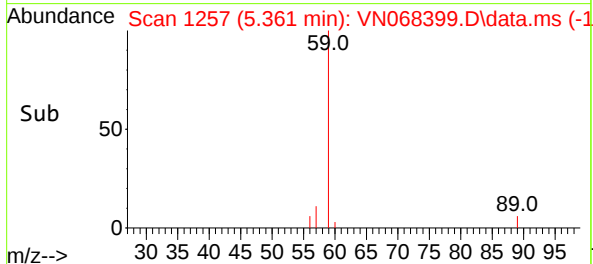
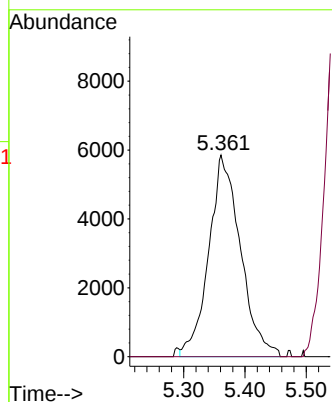
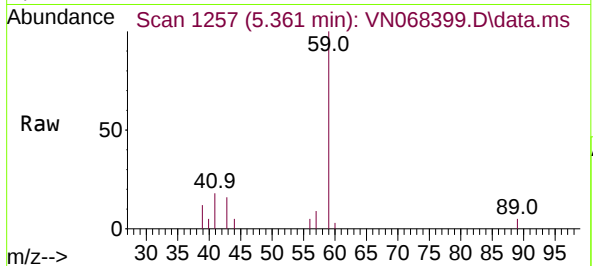
Tgt Ion: 59 Resp: 21039
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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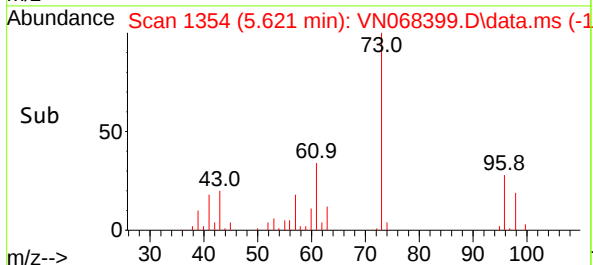
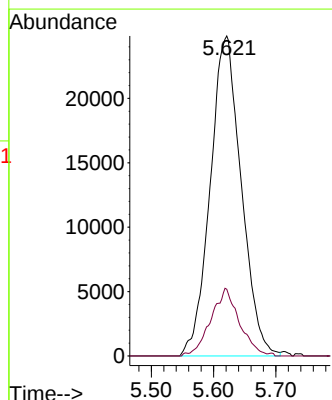
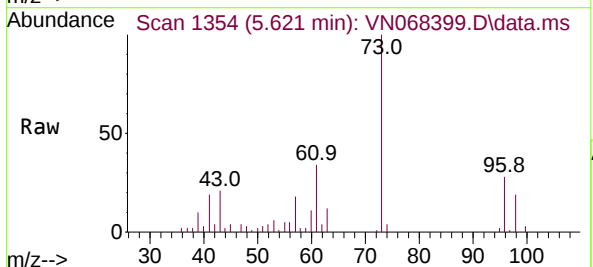
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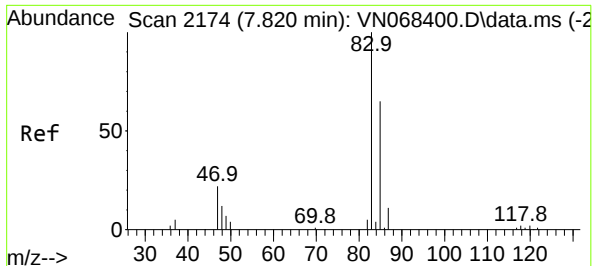
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#24
Methyl tert-Butyl Ether
Concen: 4.047 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 73 Resp: 86048
Ion Ratio Lower Upper
73 100
43 10.3 20.0 30.0#





#25

Chloroform
Concen: 4.553 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

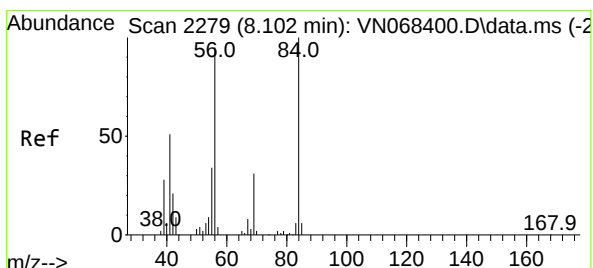
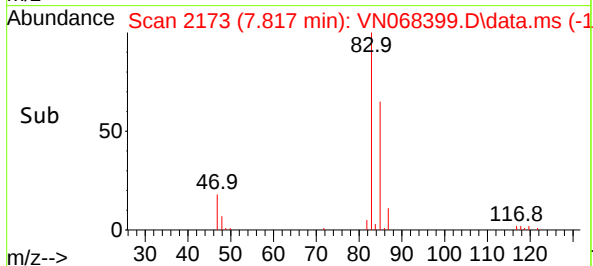
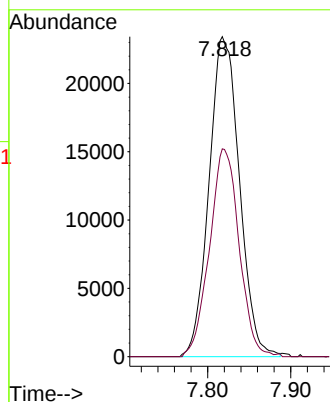
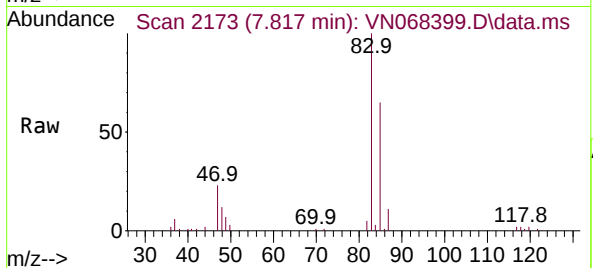
Tgt Ion: 83 Resp: 59574
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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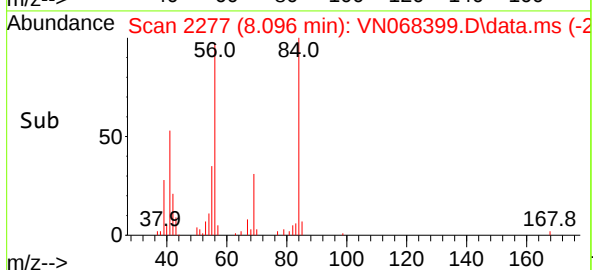
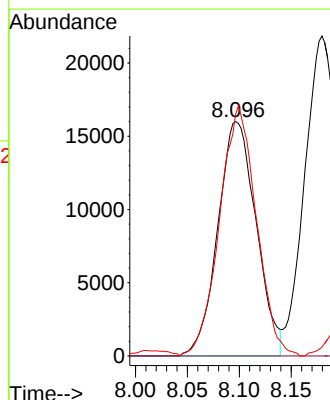
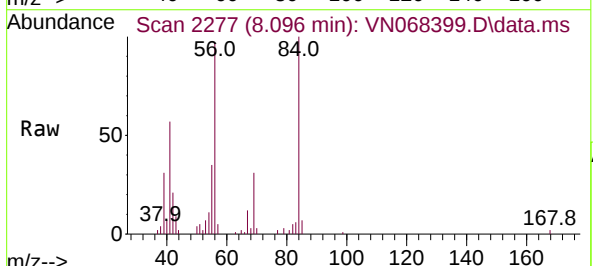
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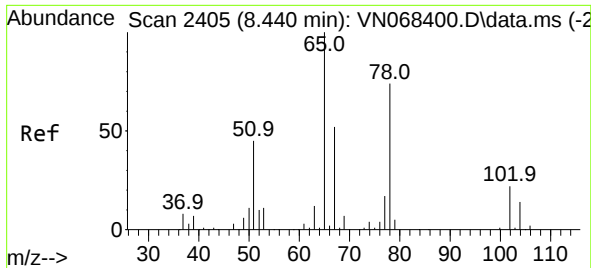


#26

Cyclohexane
Concen: 3.989 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.005 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 56 Resp: 41123
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 102.2 66.2 99.2#





#27

1,2-Dichloroethane-d4
Concen: 25.231 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

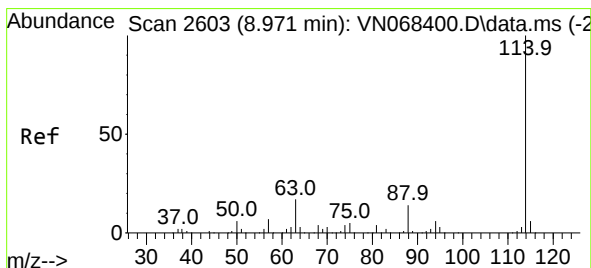
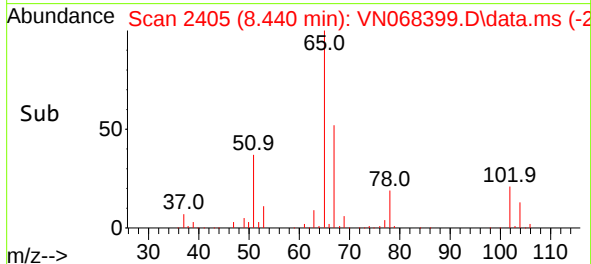
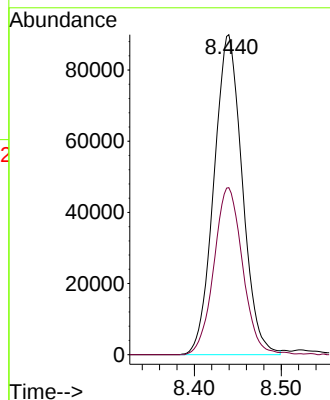
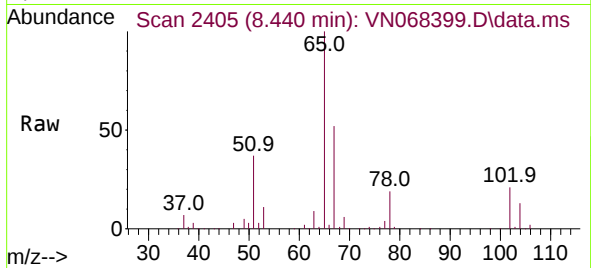
Tgt Ion: 65 Resp: 203685
Ion Ratio Lower Upper
65 100
67 52.6 39.8 59.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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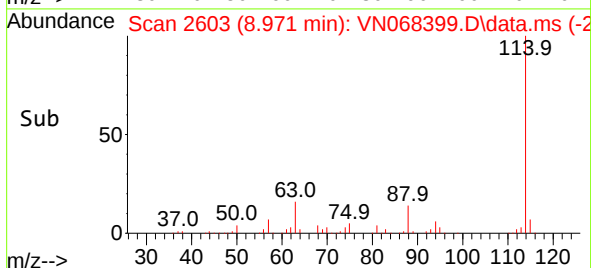
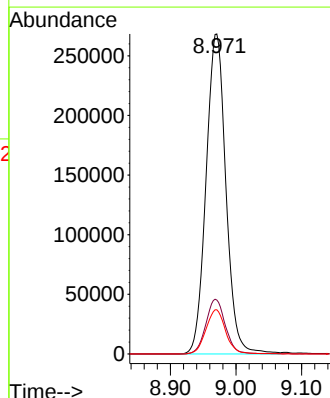
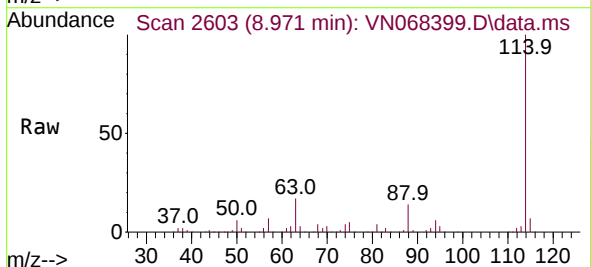
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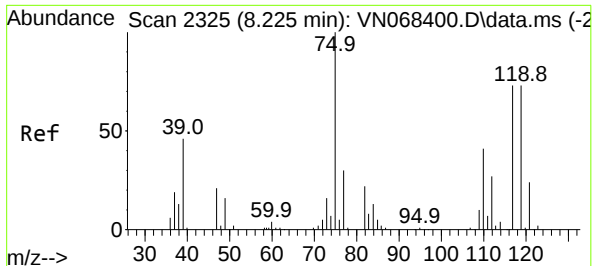


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 114 Resp: 564470
Ion Ratio Lower Upper
114 100
63 16.8 20.3 30.5#
88 13.7 14.6 22.0#





#29

1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

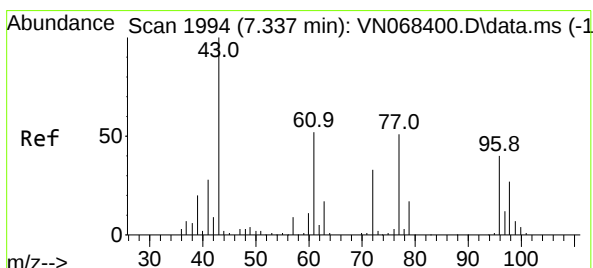
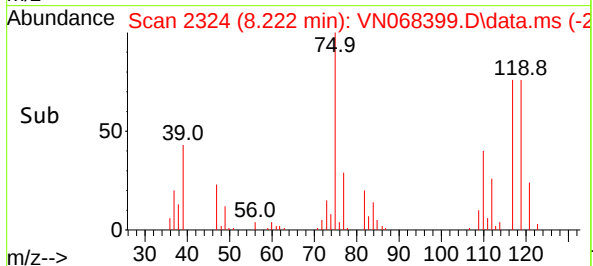
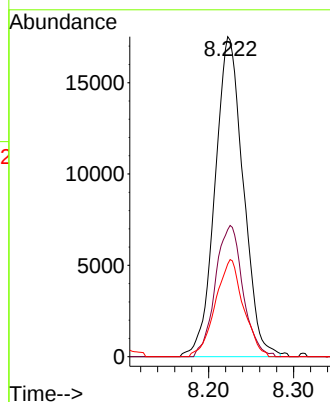
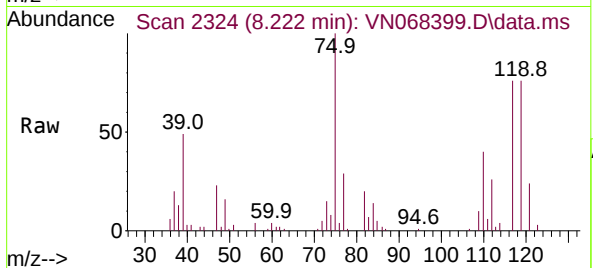
Tgt Ion: 75 Resp: 40472
Ion Ratio Lower Upper
75 100
110 39.8 0.0 63.4
77 30.1 0.0 63.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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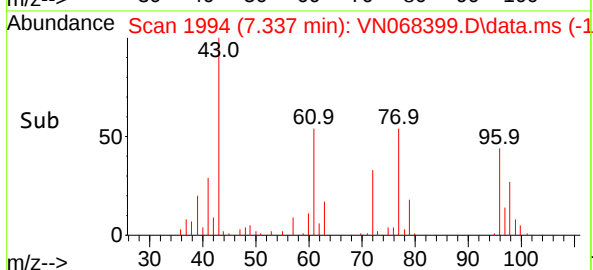
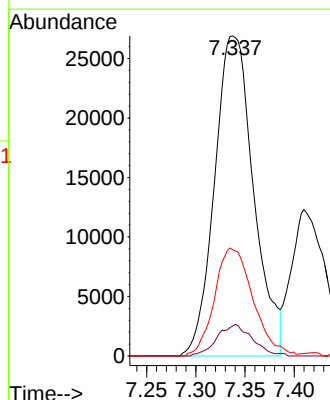
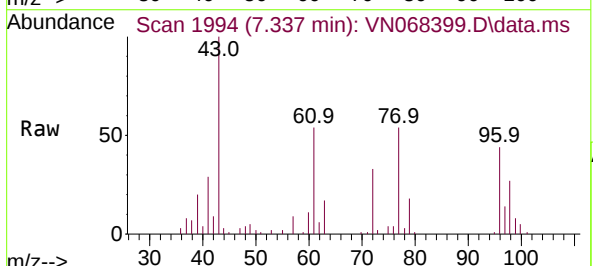
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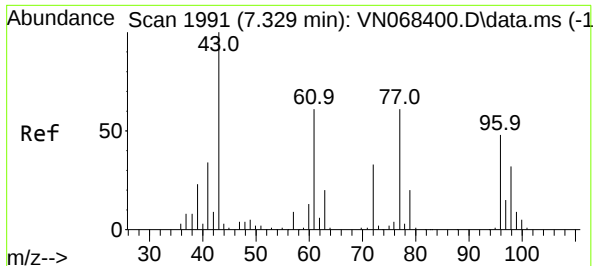


#30

2-Butanone
Concen: 18.602 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 43 Resp: 74314
Ion Ratio Lower Upper
43 100
57 2.7 6.9 10.3#
72 32.6 20.0 30.0#





#31
2,2-Dichloropropane
Concen: 4.584 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

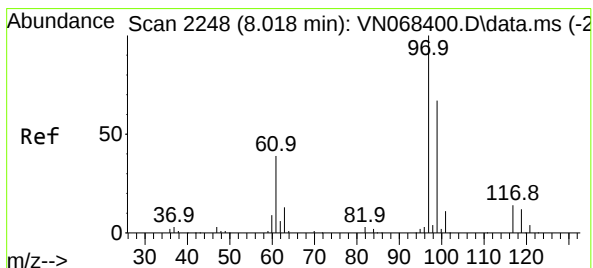
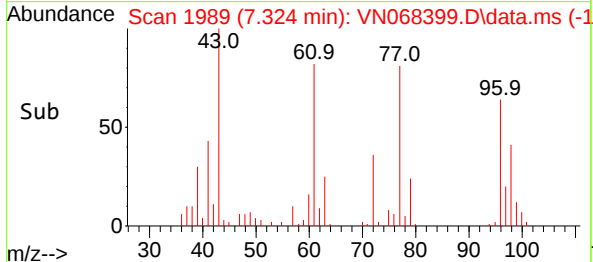
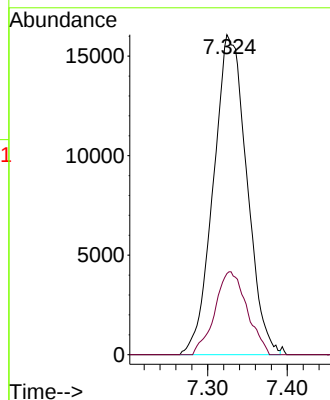
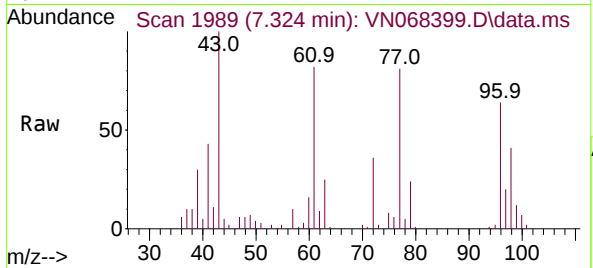
Tgt Ion: 77 Resp: 46866
Ion Ratio Lower Upper
77 100
97 25.0 16.3 24.5#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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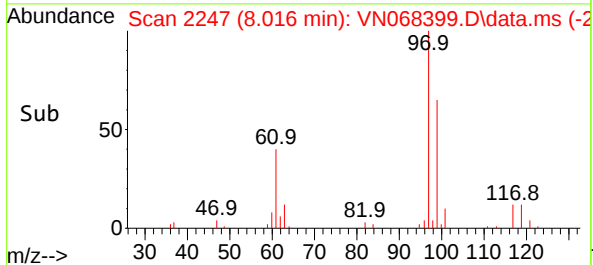
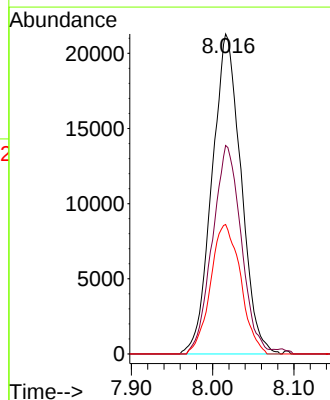
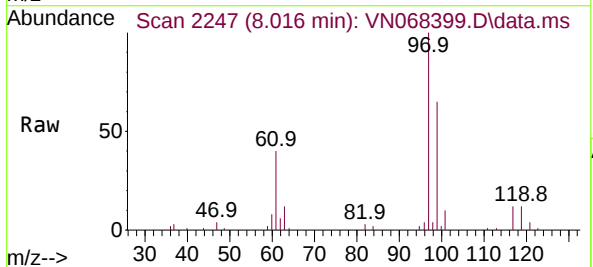
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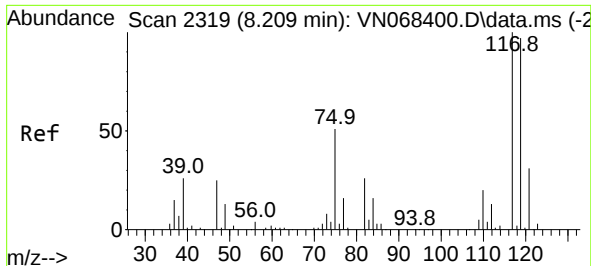
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#32
1,1,1-Trichloroethane
Concen: 4.757 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 97 Resp: 52740
Ion Ratio Lower Upper
97 100
99 64.8 49.7 74.5
61 42.0 38.0 57.0





#33
Carbon Tetrachloride
Concen: 4.874 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

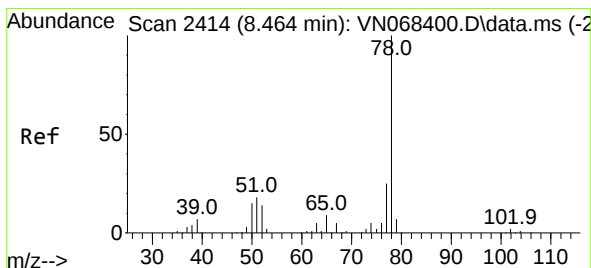
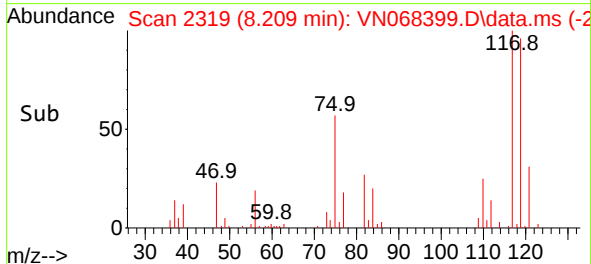
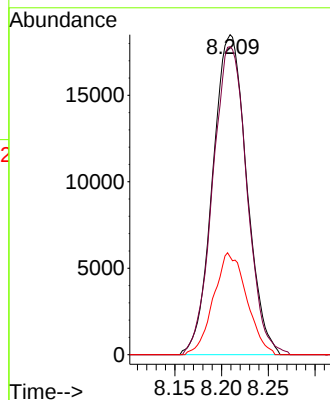
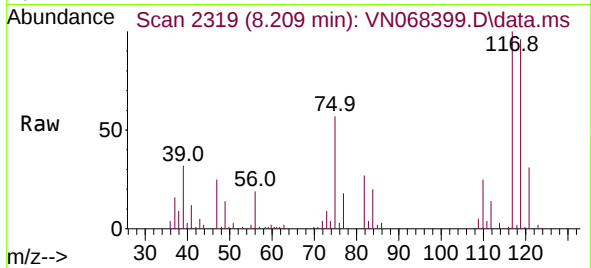
Tgt Ion: 117 Resp: 46783
Ion Ratio Lower Upper
117 100
119 96.2 73.3 109.9
121 30.6 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
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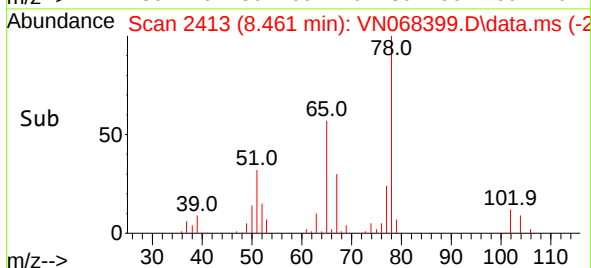
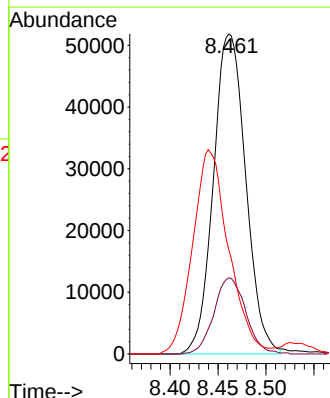
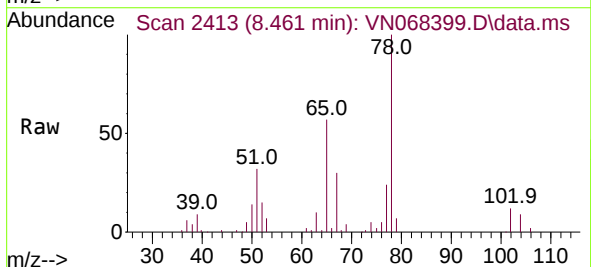
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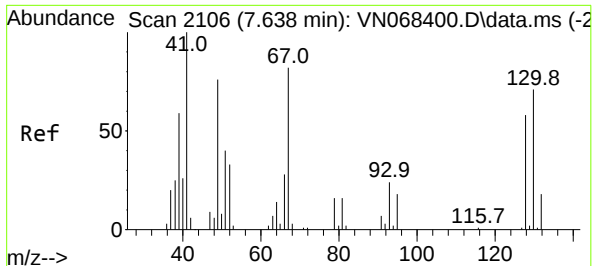
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#34
Benzene
Concen: 4.578 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 78 Resp: 121669
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
51 30.4 20.0 30.0#





#35

Methacrylonitrile

Concen: 3.621 ug/l

RT: 7.635 min Scan# 2105

Delta R.T. -0.002 min

Lab File: VN068399.D

Acq: 3 Sep 2021 11:04

Tgt Ion:	41	Resp:	14763
Ion	Ratio	Lower	Upper
41	100		
39	53.2	30.3	90.9
67	81.3	32.1	96.3
52	30.8	14.3	42.9

Instrument :

MSVOA_N

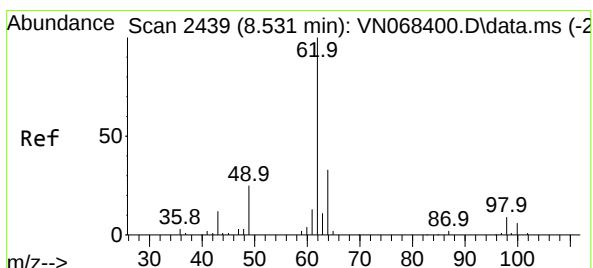
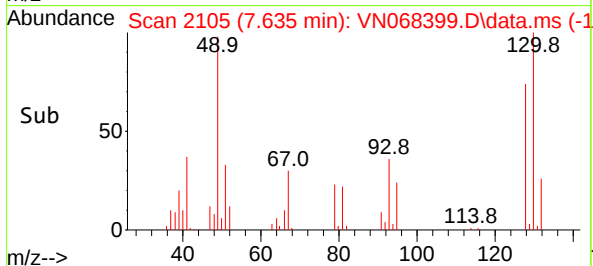
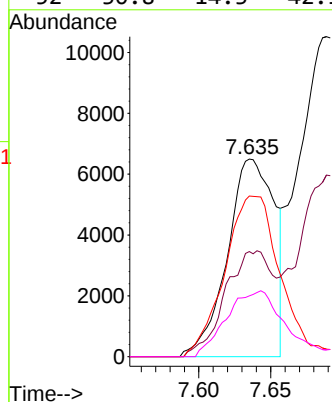
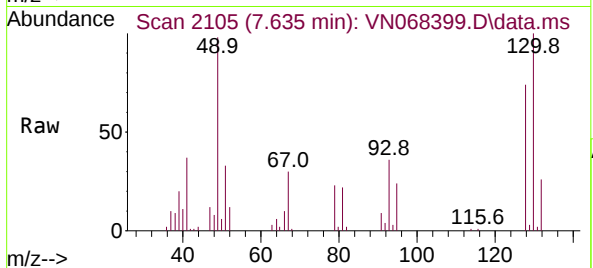
ClientSampled :

VSTDIC005

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#36

1,2-Dichloroethane

Concen: 4.379 ug/l

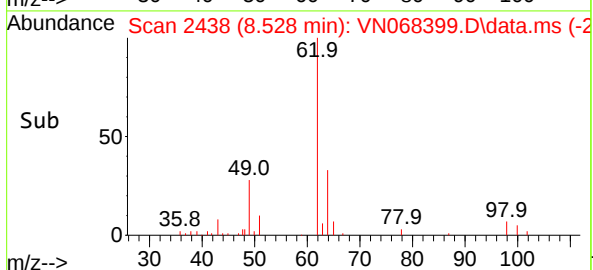
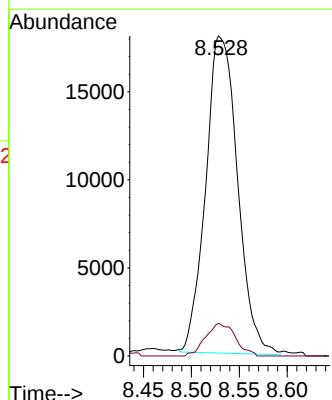
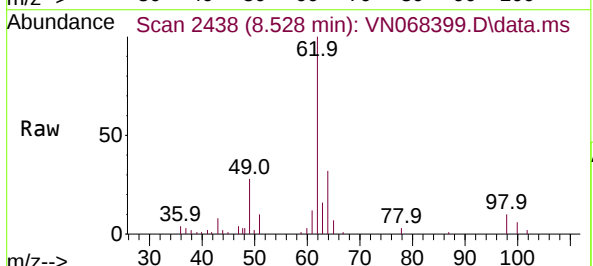
RT: 8.528 min Scan# 2438

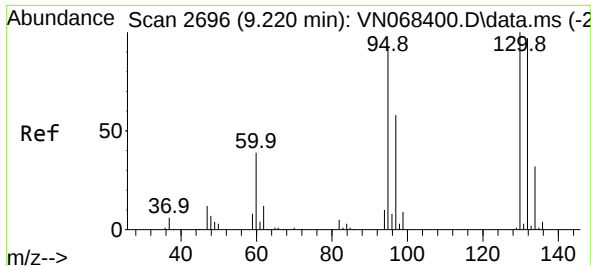
Delta R.T. -0.002 min

Lab File: VN068399.D

Acq: 3 Sep 2021 11:04

Tgt Ion:	62	Resp:	41716
Ion	Ratio	Lower	Upper
62	100		
98	5.4	6.0	9.0#





#37
Trichloroethene
Concen: 5.143 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

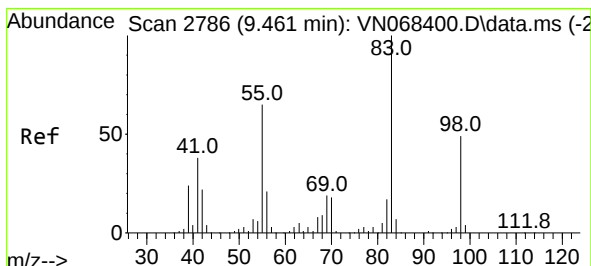
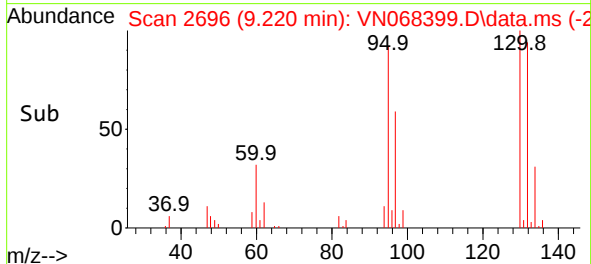
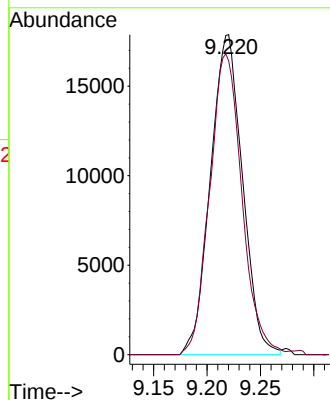
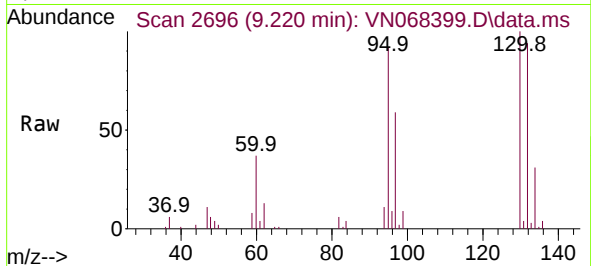
Tgt Ion: 130 Resp: 37229
Ion Ratio Lower Upper
130 100
95 91.8 92.2 138.2#

Instrument :
MSVOA_N
ClientSampled :
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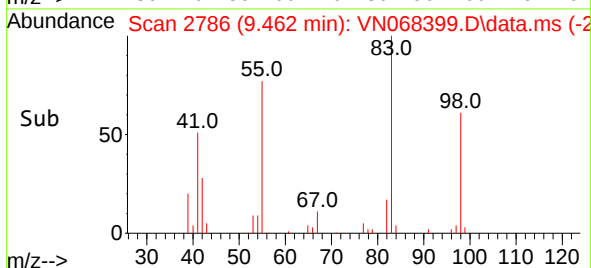
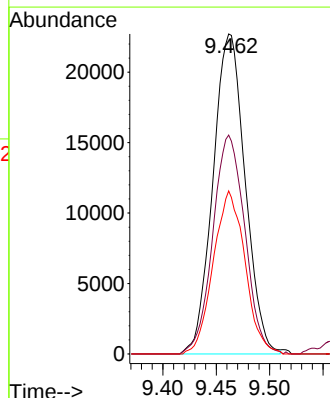
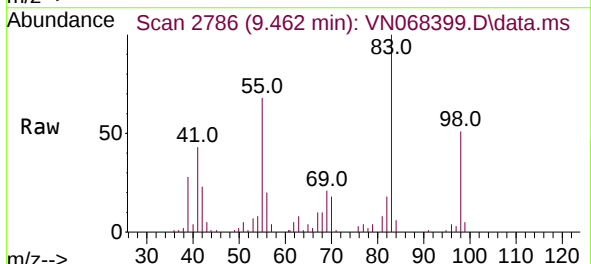
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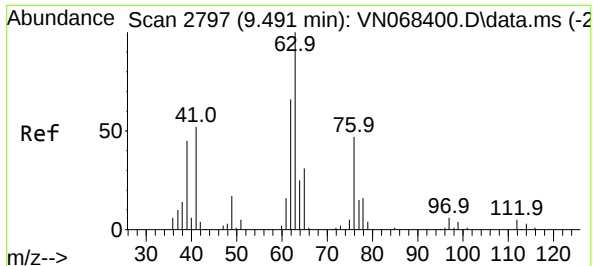
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#38
Methylcyclohexane
Concen: 4.641 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 83 Resp: 47639
Ion Ratio Lower Upper
83 100
55 67.9 41.5 124.6
98 50.2 22.4 67.0





#39

1,2-Dichloropropane
Concen: 4.435 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

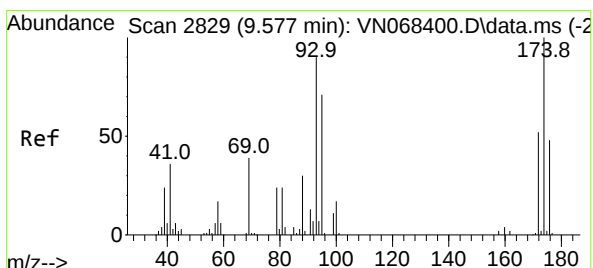
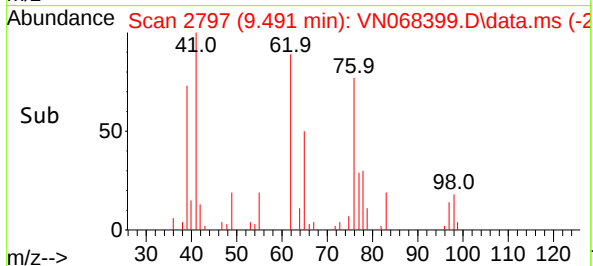
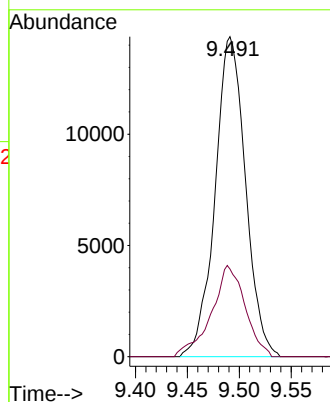
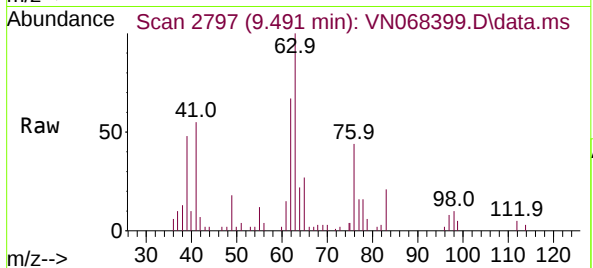
Tgt Ion: 63 Resp: 29320
Ion Ratio Lower Upper
63 100
65 27.4 24.5 36.7

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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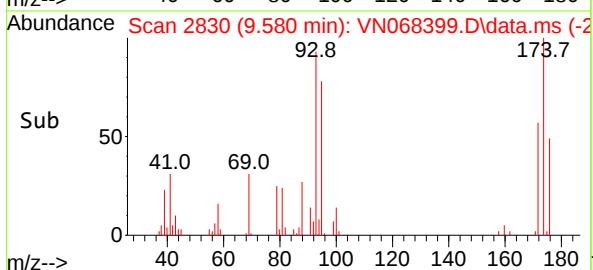
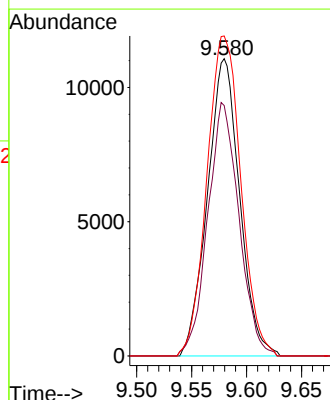
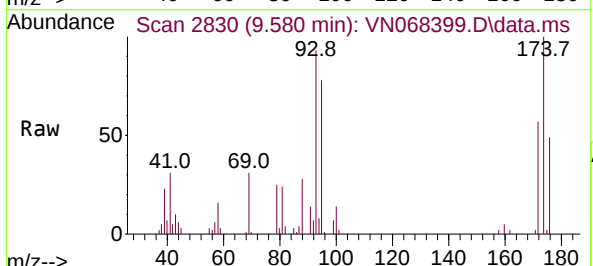
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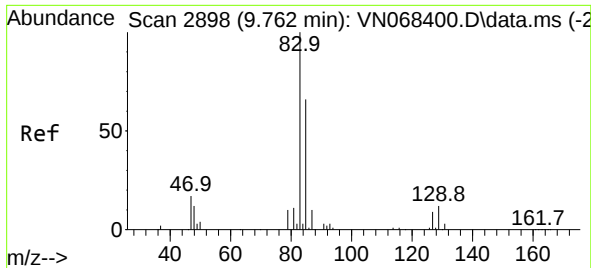


#40

Dibromomethane
Concen: 4.574 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 93 Resp: 22581
Ion Ratio Lower Upper
93 100
95 82.4 0.0 167.6
174 113.2 0.0 148.4





#41
Bromodichloromethane
Concen: 4.411 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

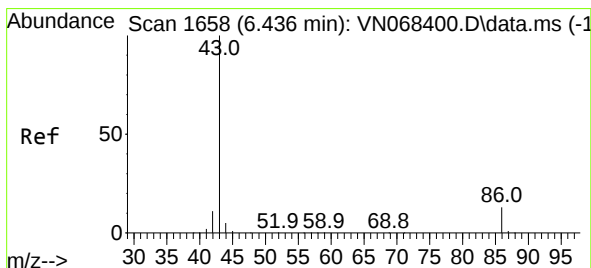
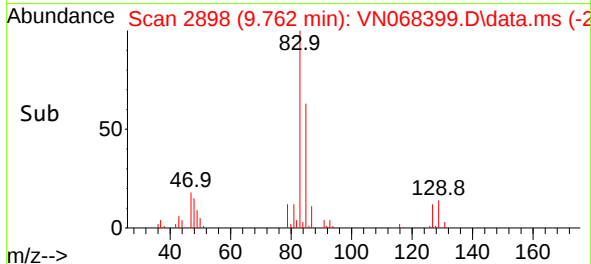
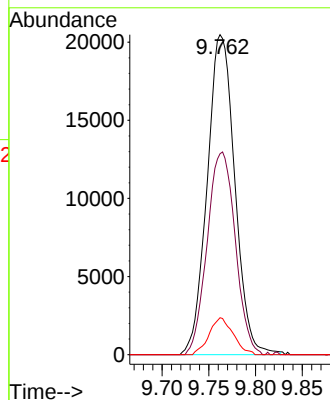
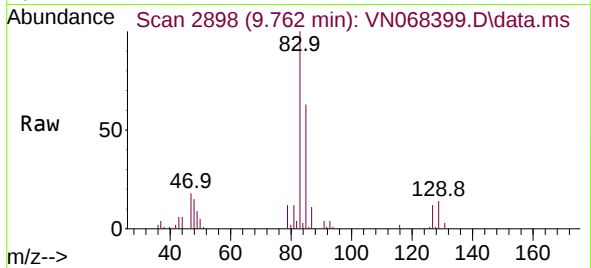
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	12.8	6.6	9.8#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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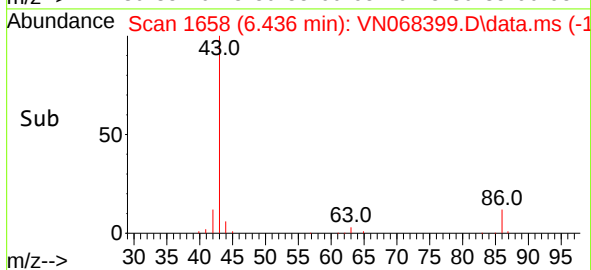
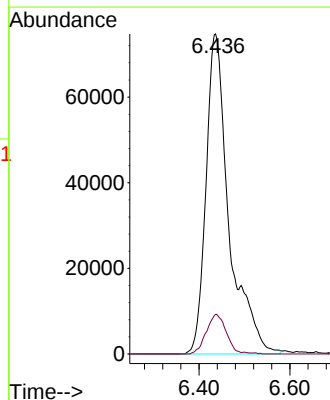
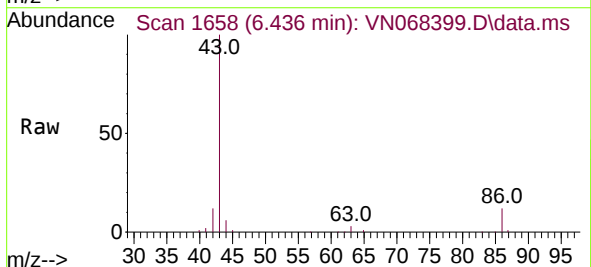
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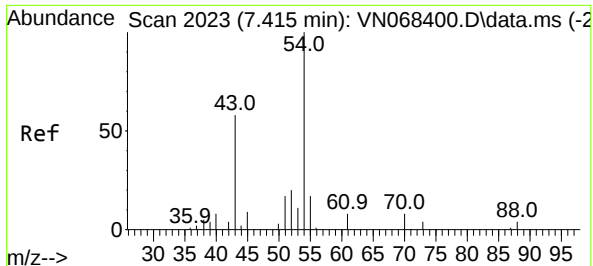
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#42
Vinyl Acetate
Concen: 16.403 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.6	6.4	9.6#





#43

Ethyl Acetate

Concen: 3.317 ug/l

RT: 7.410 min Scan# 2021

Delta R.T. -0.005 min

Lab File: VN068399.D

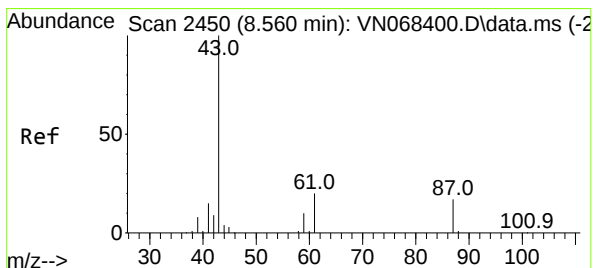
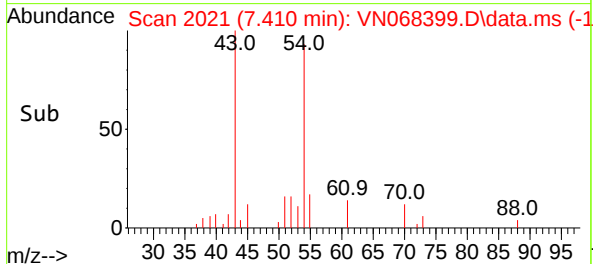
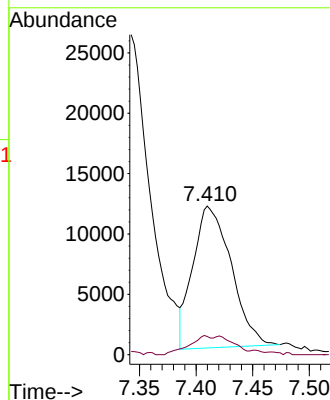
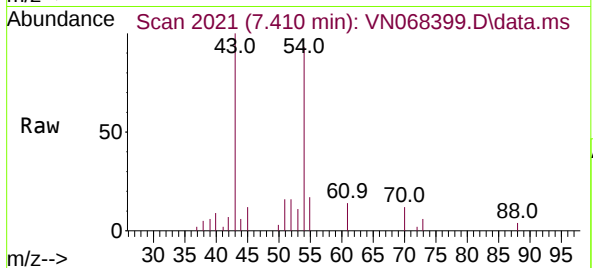
Acq: 3 Sep 2021 11:04

Tgt Ion: 43 Resp: 27622

Ion Ratio Lower Upper

43 100

45 8.2 1.0 1.6#



#44

Isopropyl Acetate

Concen: 3.670 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068399.D

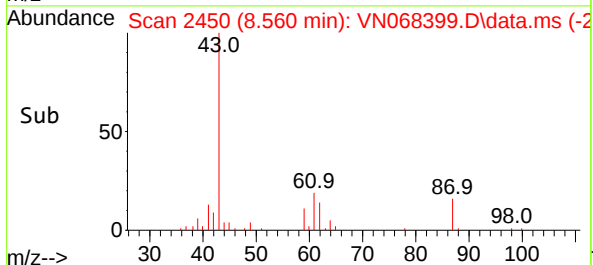
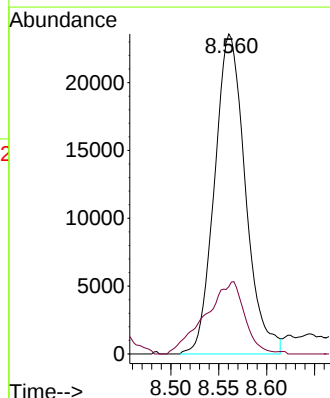
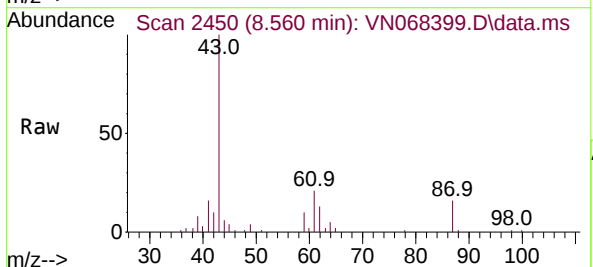
Acq: 3 Sep 2021 11:04

Tgt Ion: 43 Resp: 52669

Ion Ratio Lower Upper

43 100

61 16.4 19.0 28.6#



Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

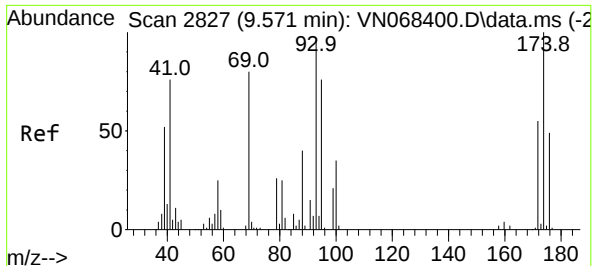
Manual Integrations

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#45
1,4-Dioxane
Concen: 78.955 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

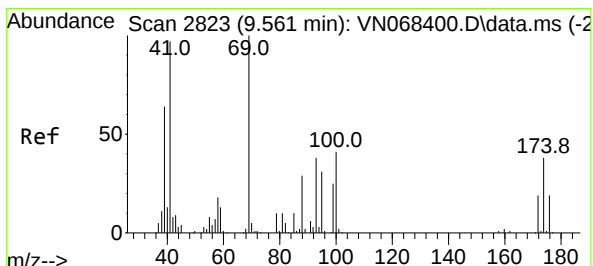
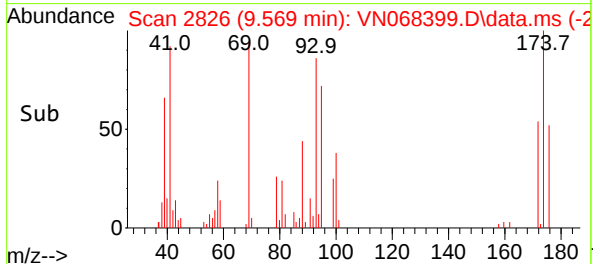
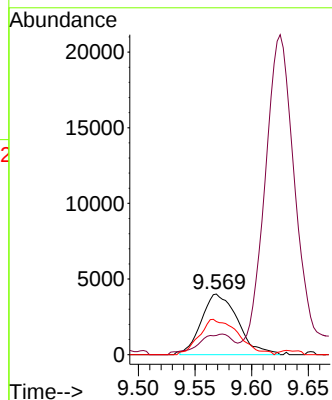
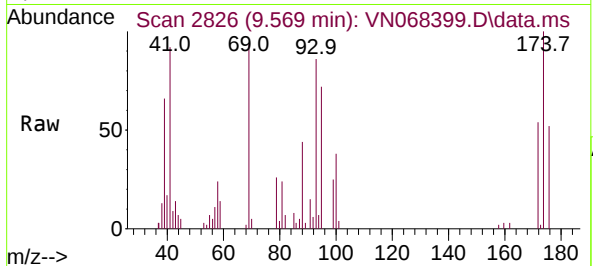
Tgt Ion: 88 Resp: 8941
Ion Ratio Lower Upper
88 100
43 11.1 18.0 27.0#
58 61.1 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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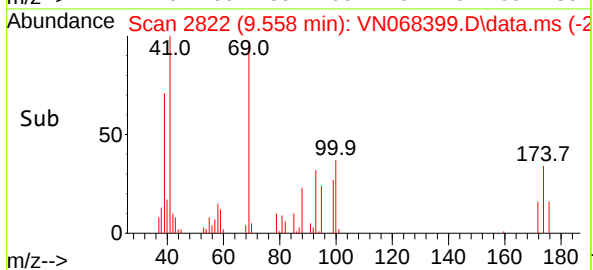
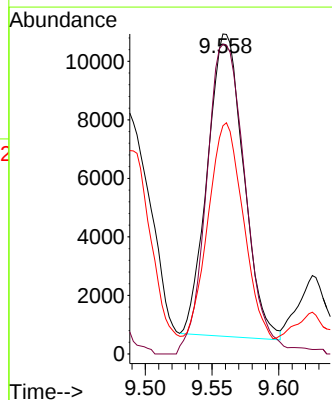
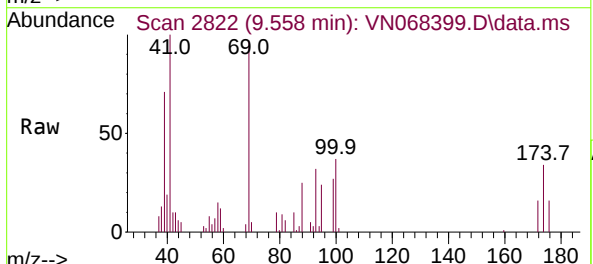
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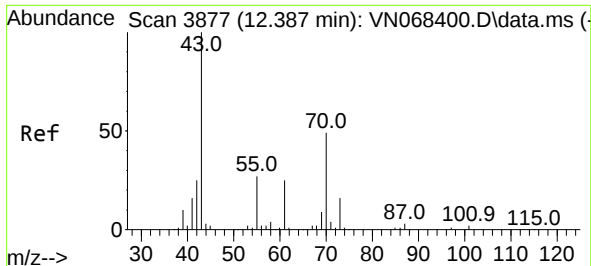
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#46
Methyl methacrylate
Concen: 3.093 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 41 Resp: 19452
Ion Ratio Lower Upper
41 100
69 100.7 38.0 114.1
39 70.3 33.9 101.7





#47
n-amy1 Acetate
Concen: 2.745 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

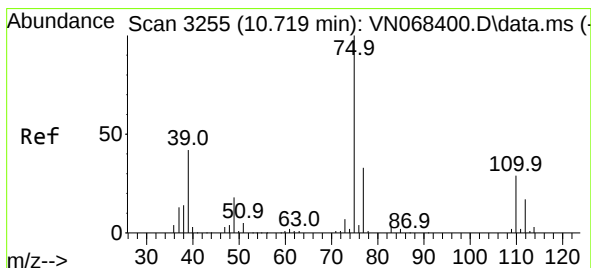
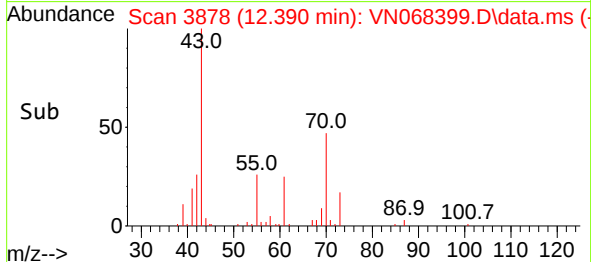
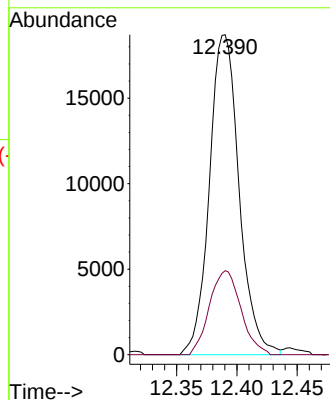
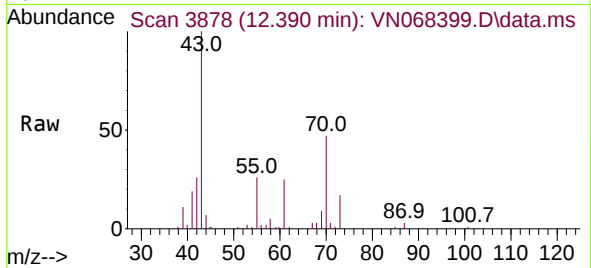
Tgt Ion: 43 Resp: 32088
Ion Ratio Lower Upper
43 100
55 27.7 17.6 26.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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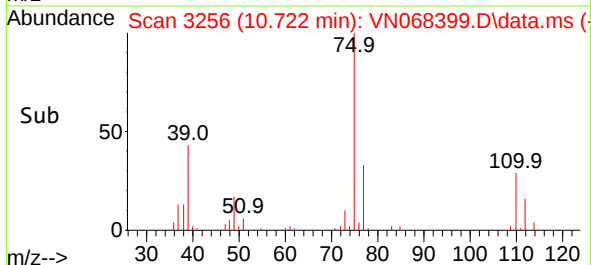
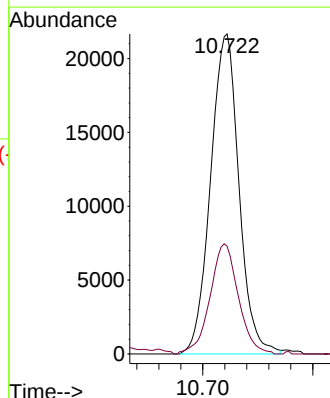
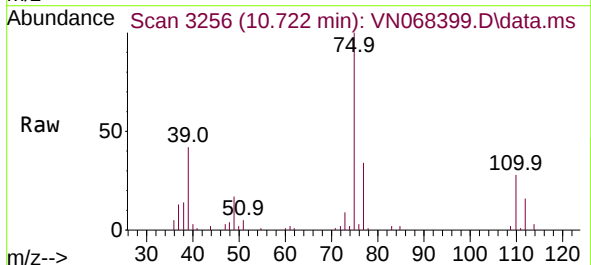
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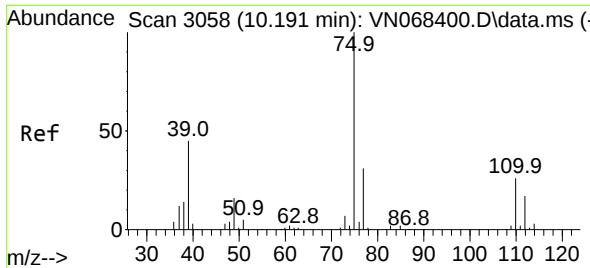
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#48
t-1,3-Dichloropropene
Concen: 3.773 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 75 Resp: 38854
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 3.969 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

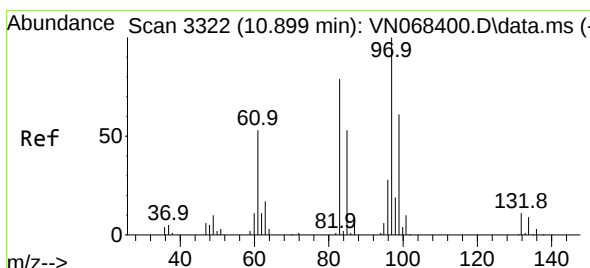
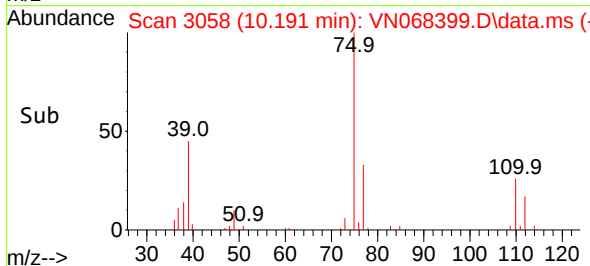
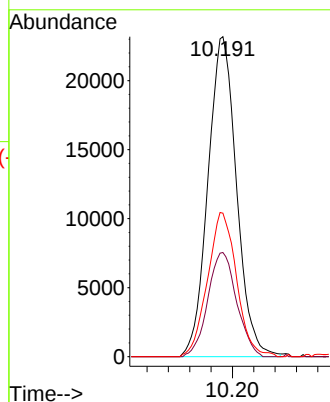
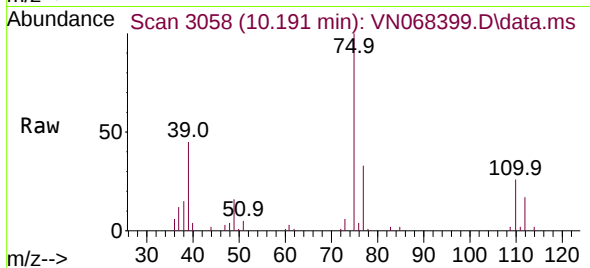
Tgt Ion: 75 Resp: 43091
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
39 44.9 50.6 76.0#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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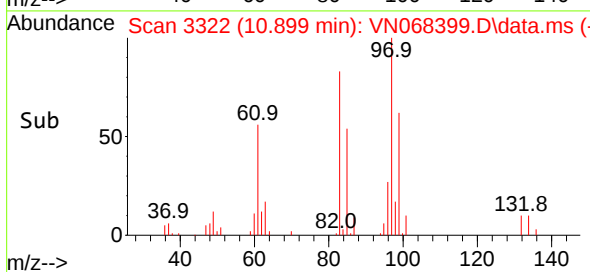
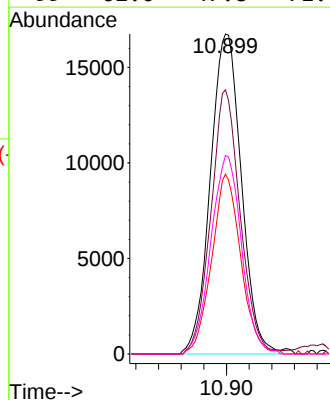
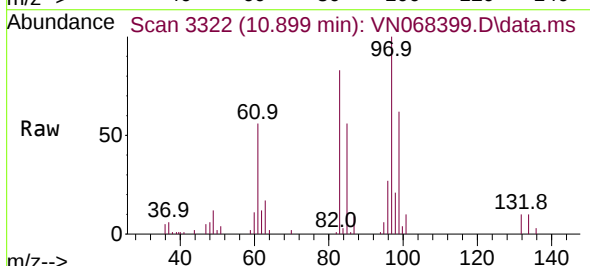
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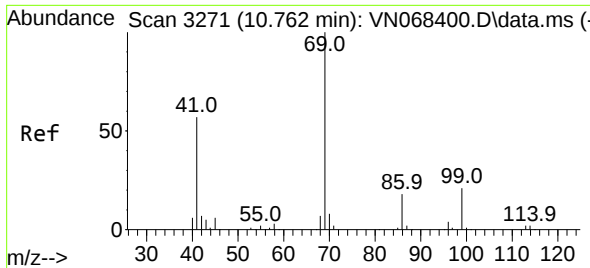
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#50
1,1,2-Trichloroethane
Concen: 4.561 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 97 Resp: 31779
Ion Ratio Lower Upper
97 100
83 82.6 69.6 104.4
85 56.2 45.2 67.8
99 62.0 47.8 71.6





#51
Ethyl methacrylate
Concen: 3.424 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

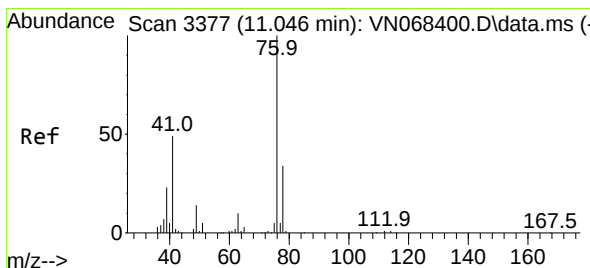
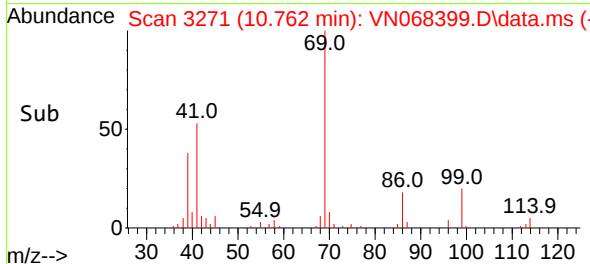
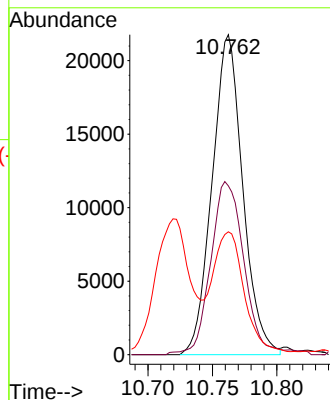
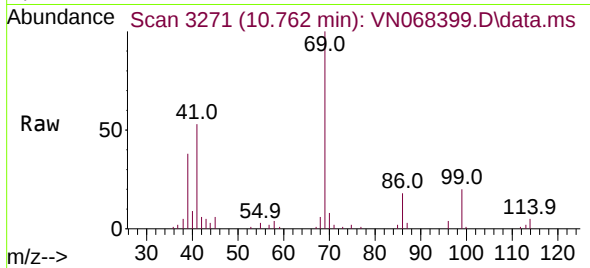
Tgt Ion: 69 Resp: 36024
Ion Ratio Lower Upper
69 100
41 51.8 36.8 110.4
39 36.8 23.8 71.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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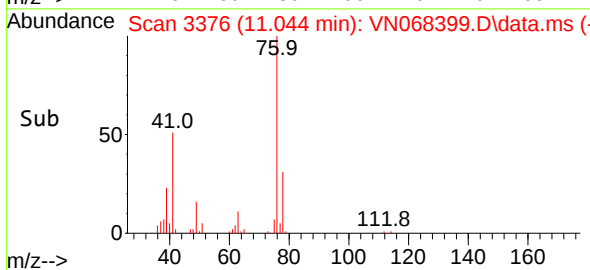
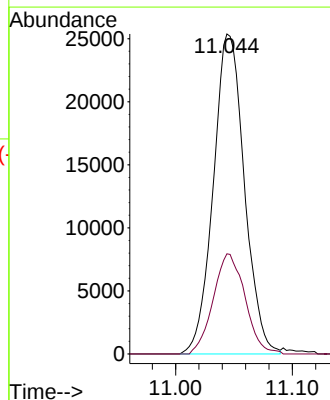
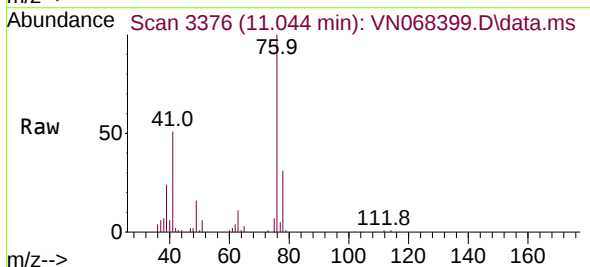
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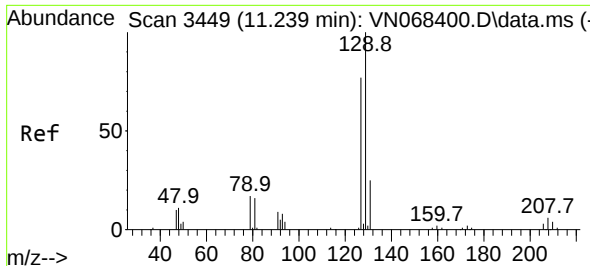
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#52
1,3-Dichloropropane
Concen: 4.147 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 76 Resp: 46882
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





#53
Dibromochloromethane
Concen: 4.341 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

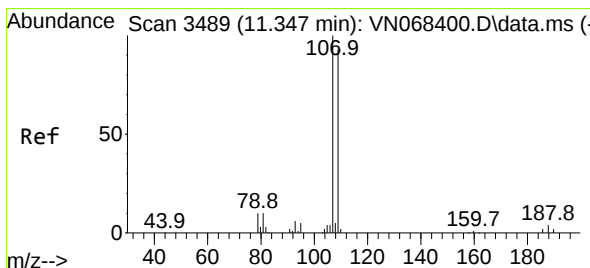
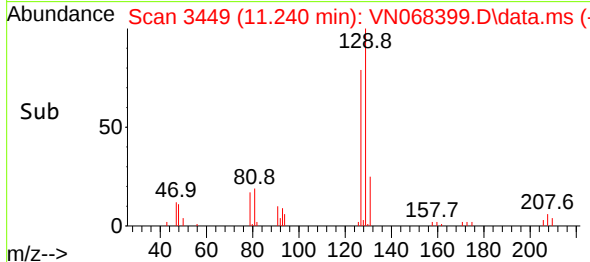
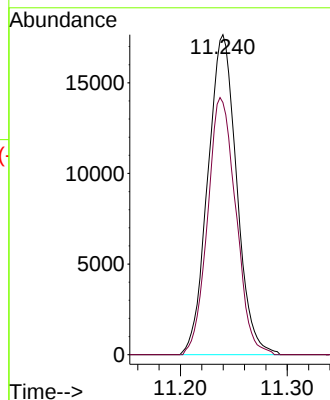
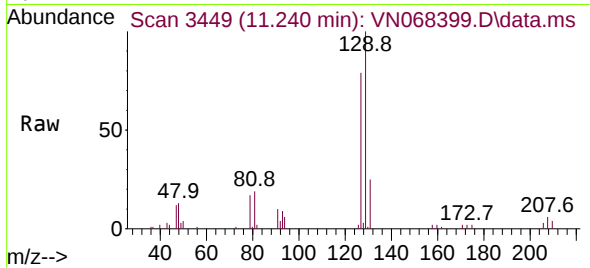
Tgt Ion:129 Resp: 33189
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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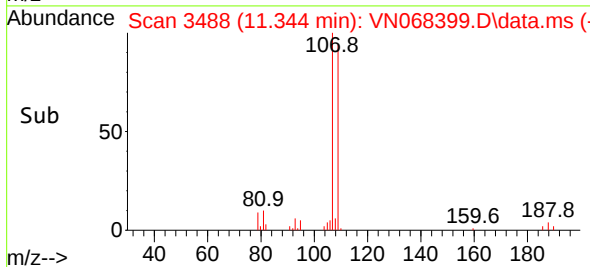
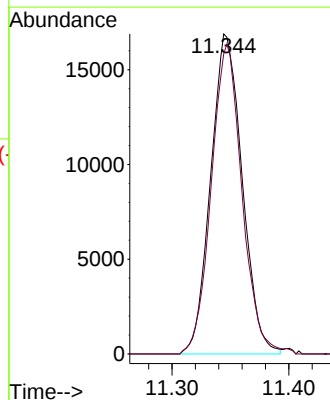
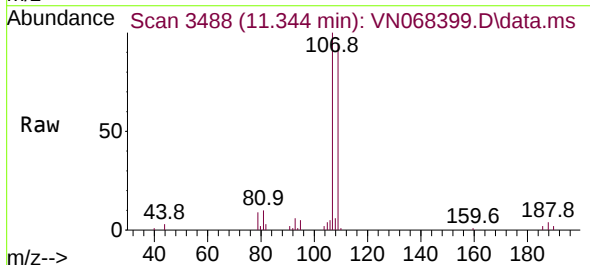
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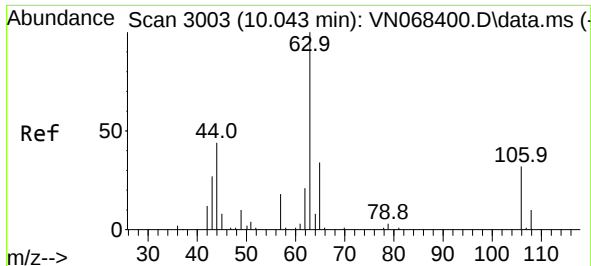
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#54
1,2-Dibromoethane
Concen: 4.368 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion:107 Resp: 31607
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 5.869 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

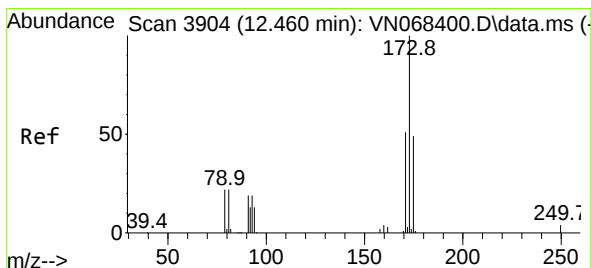
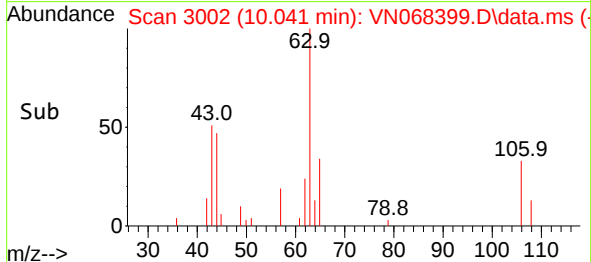
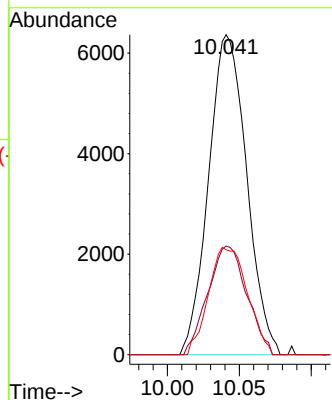
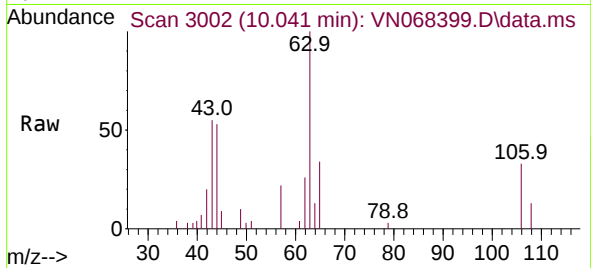
Tgt Ion:	63	Resp:	11711
Ion Ratio	Lower	Upper	
63	100		
65	34.8	25.6	38.4
106	34.2	20.0	30.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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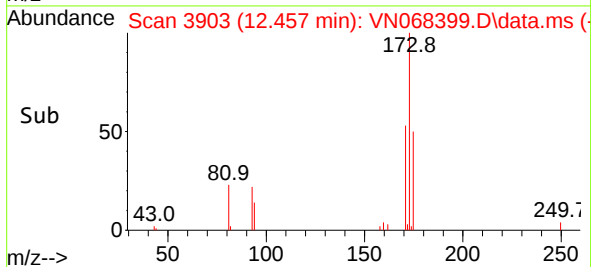
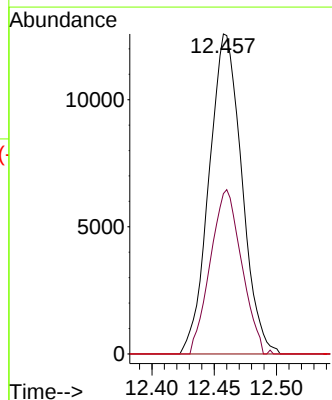
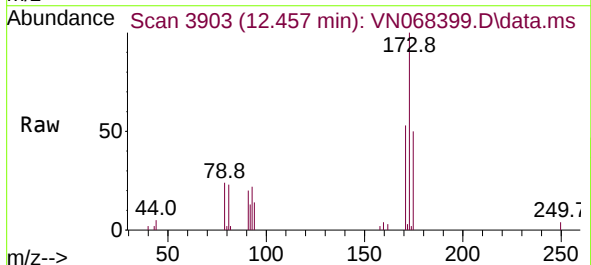
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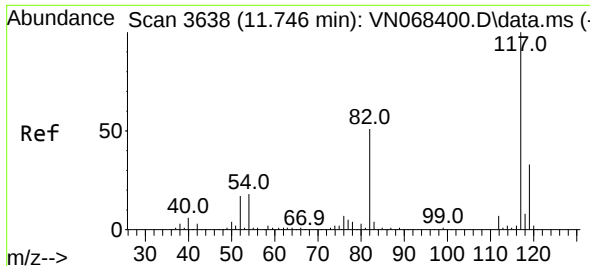
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#56
Bromoform
Concen: 4.197 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion:	173	Resp:	23022
Ion Ratio	Lower	Upper	
173	100		
175	48.9	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: VN068399.D
Acq: 3 Sep 2021 11:04

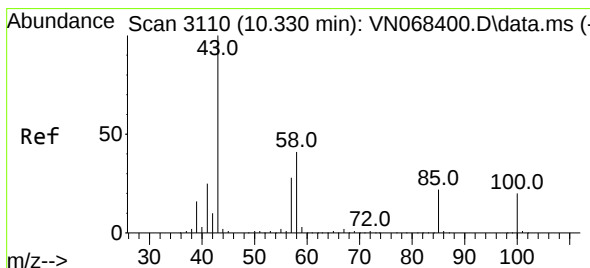
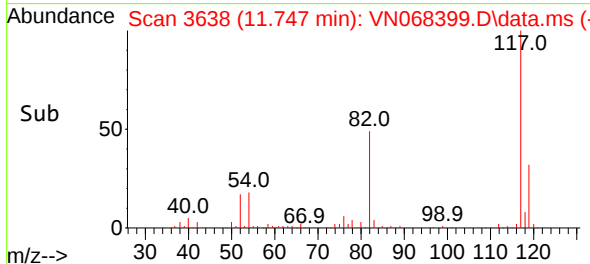
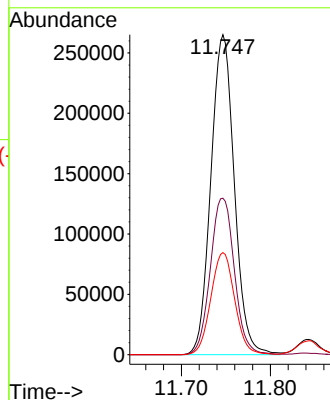
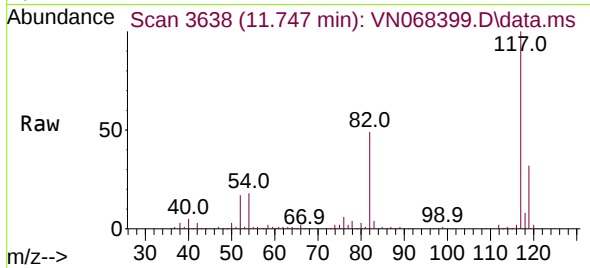
Tgt Ion: 117 Resp: 485426
Ion Ratio Lower Upper
117 100
82 50.4 52.5 78.7#
119 32.5 25.8 38.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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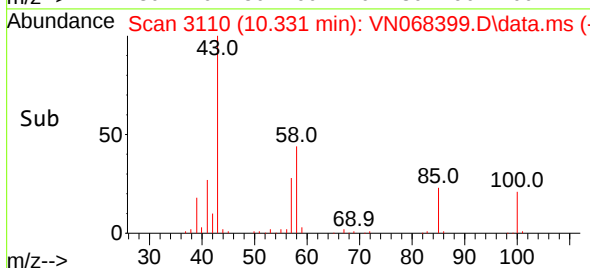
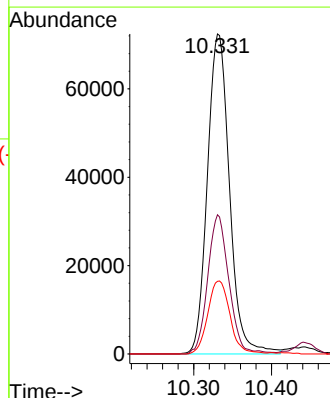
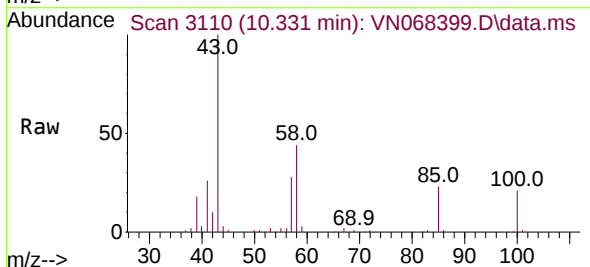
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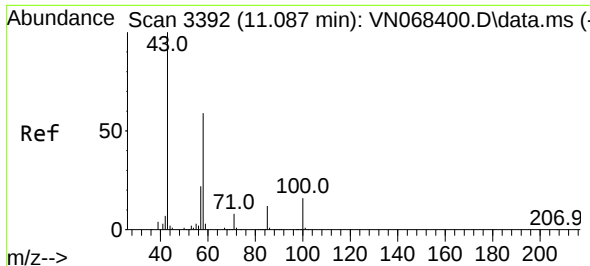
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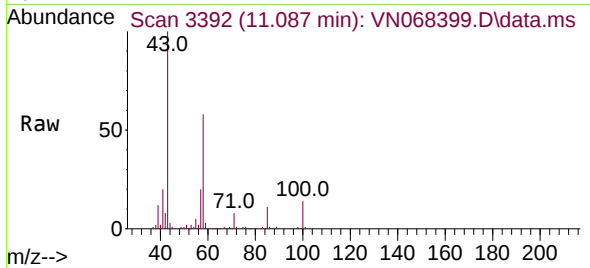
#58
4-Methyl-2-Pentanone
Concen: 17.997 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 43 Resp: 143081
Ion Ratio Lower Upper
43 100
58 41.2 29.0 43.4
85 22.9 13.2 19.8#

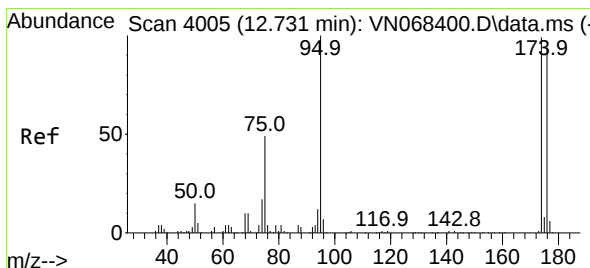
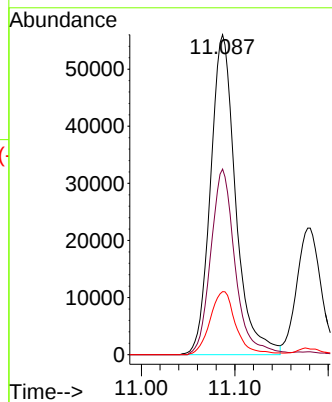
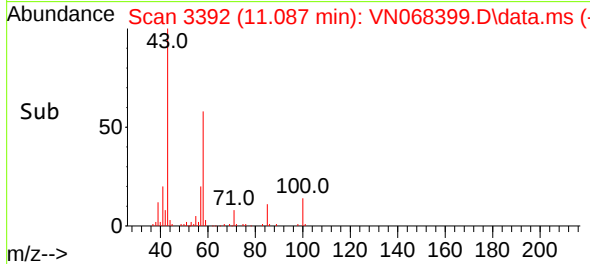




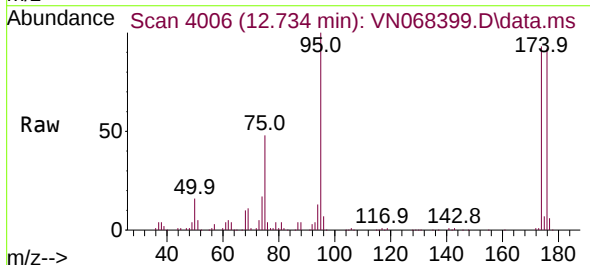
#59
2-Hexanone
Concen: 18.685 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



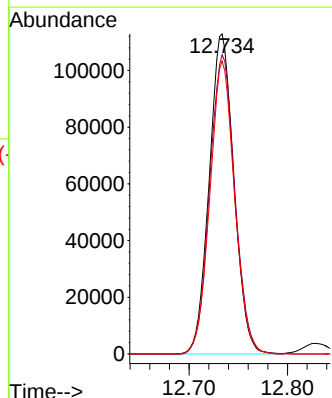
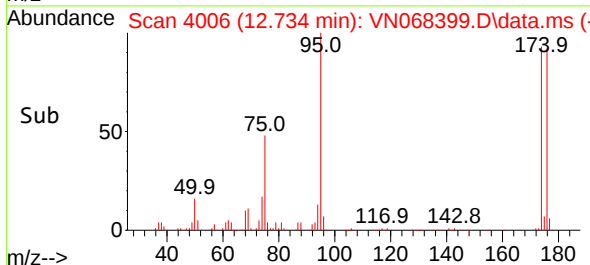
Tgt Ion: 43 Resp: 104787
Ion Ratio Lower Upper
43 100
58 56.3 39.4 59.0
57 19.9 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 25.726 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 95 Resp: 196591
Ion Ratio Lower Upper
95 100
174 96.0 47.7 71.5#
176 91.7 45.7 68.5#

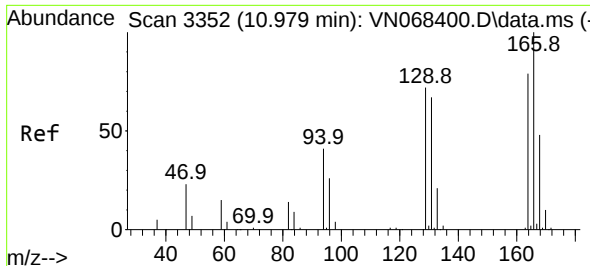


Instrument :
MSVOA_N
ClientSampleId :
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#61
Tetrachloroethene
Concen: 5.967 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

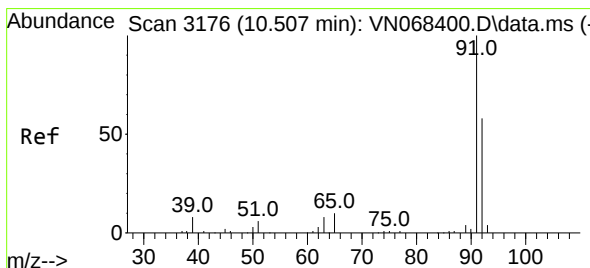
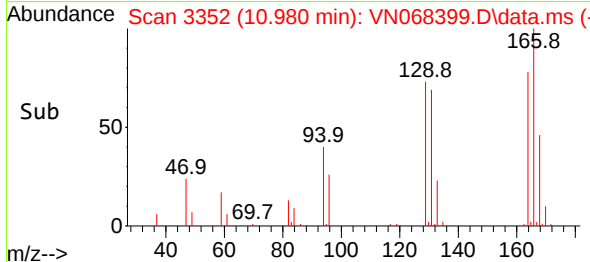
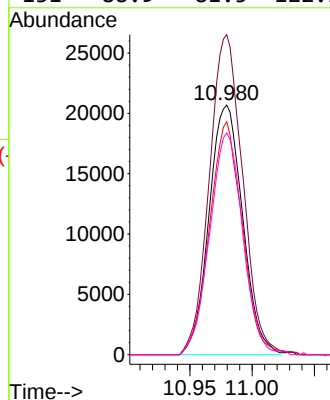
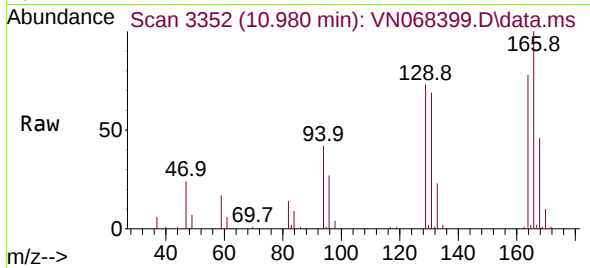
Tgt Ion:164 Resp: 38788
Ion Ratio Lower Upper
164 100
166 128.2 101.0 151.4
129 93.3 85.5 128.3
131 88.9 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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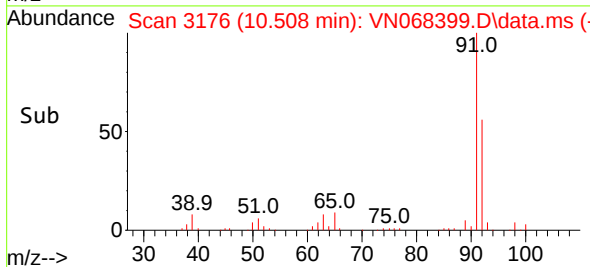
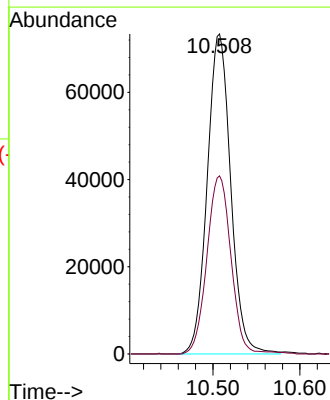
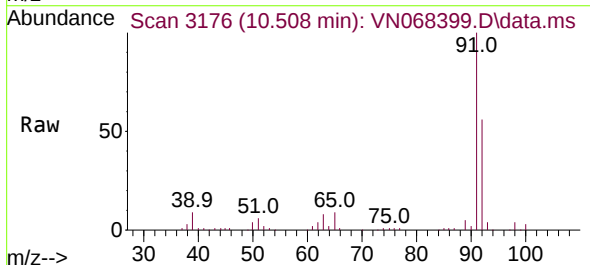
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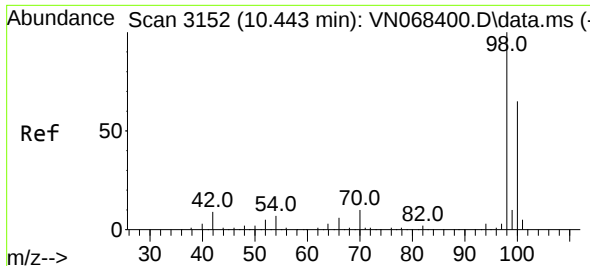
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#62
Toluene
Concen: 4.815 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 91 Resp: 138062
Ion Ratio Lower Upper
91 100
92 56.6 46.1 69.1





#63
Toluene-d8
Concen: 30.645 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

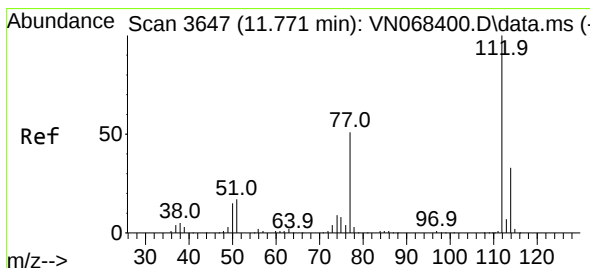
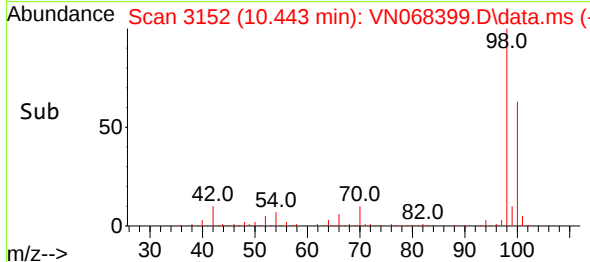
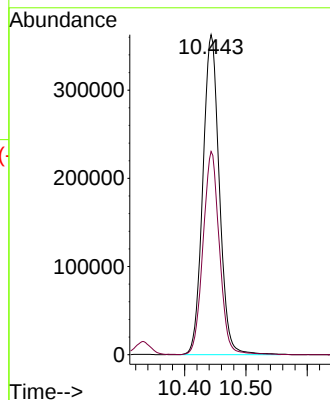
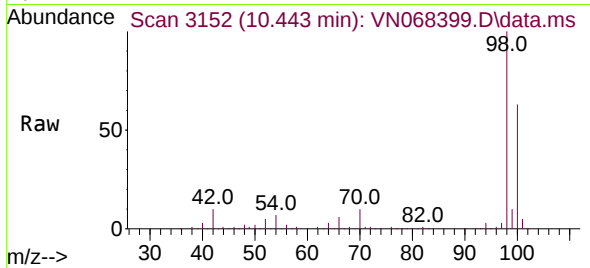
Tgt Ion: 98 Resp: 679452
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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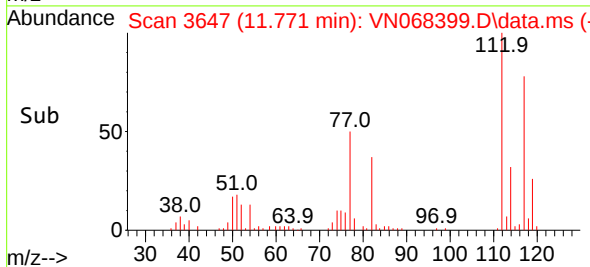
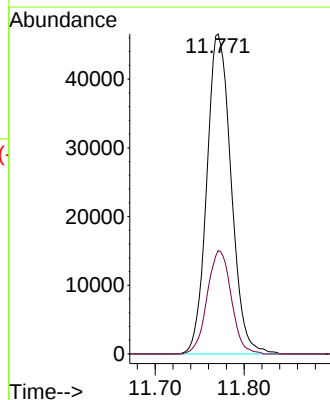
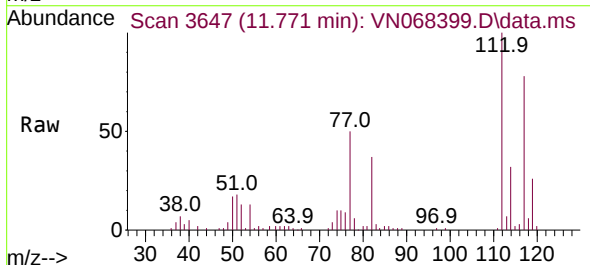
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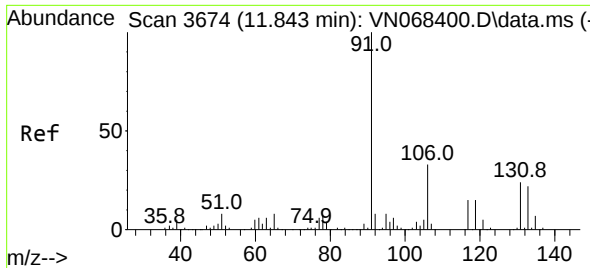
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#64
Chlorobenzene
Concen: 5.049 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 112 Resp: 88428
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 4.844 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

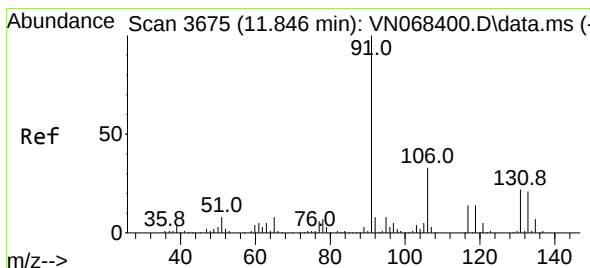
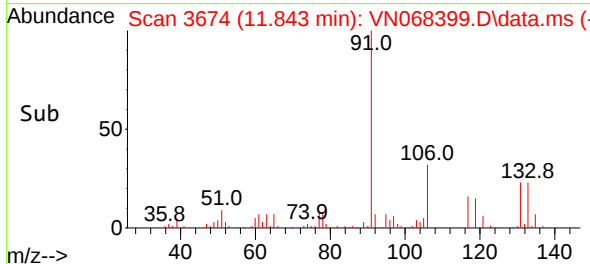
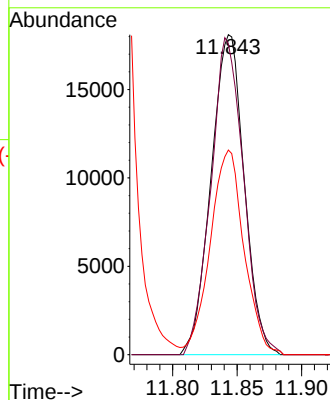
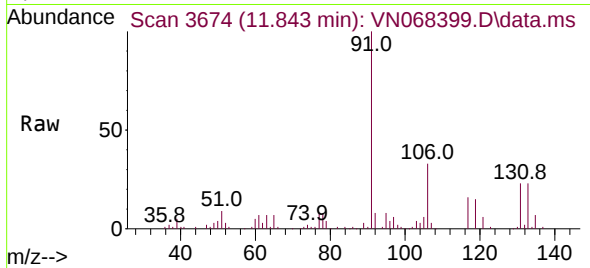
Tgt Ion:131 Resp: 32428
Ion Ratio Lower Upper
131 100
133 97.4 0.0 189.6
119 65.3 0.0 130.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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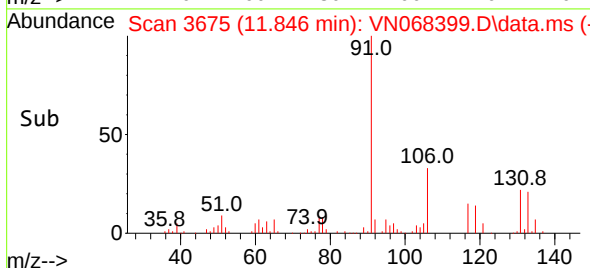
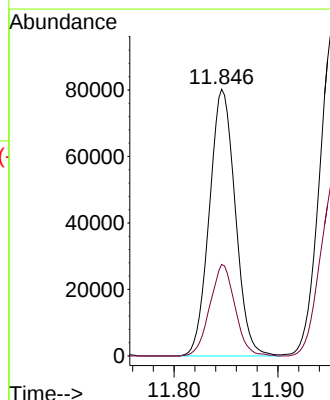
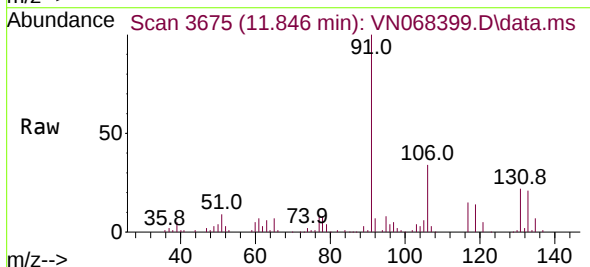
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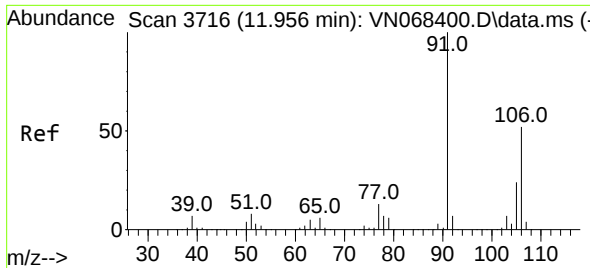
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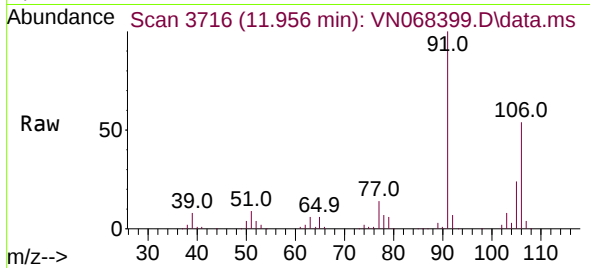
#66
Ethyl Benzene
Concen: 4.405 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 91 Resp: 139244
Ion Ratio Lower Upper
91 100
106 34.3 23.4 35.0

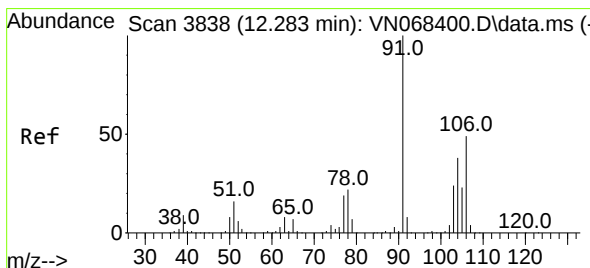
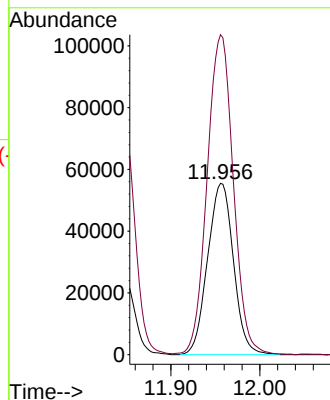
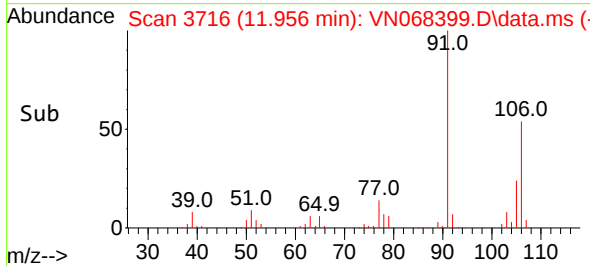




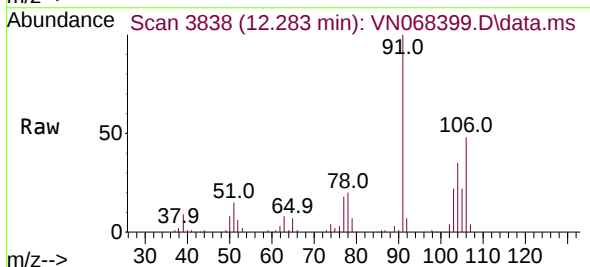
#67
m/p-Xylenes
Concen: 9.123 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



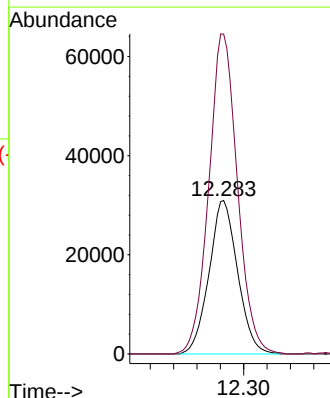
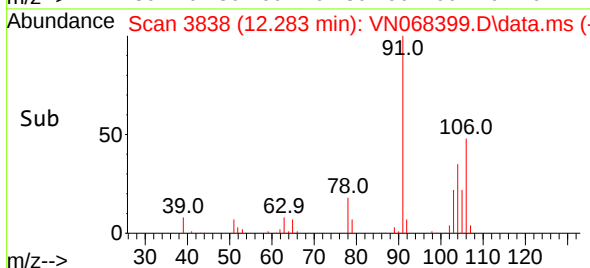
Tgt Ion:106 Resp: 112065
Ion Ratio Lower Upper
106 100
91 188.7 181.3 271.9



#68
o-Xylene
Concen: 4.345 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion:106 Resp: 52558
Ion Ratio Lower Upper
106 100
91 209.0 120.0 360.0

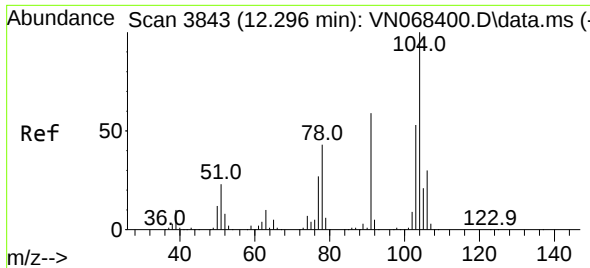


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Manual Integrations
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#69
Styrene
Concen: 4.074 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

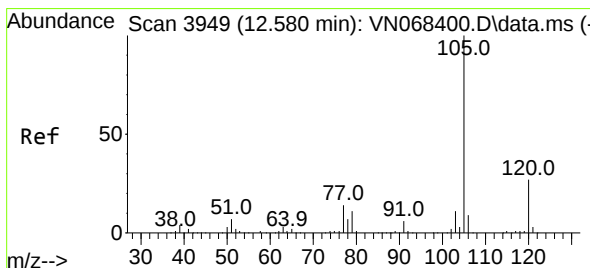
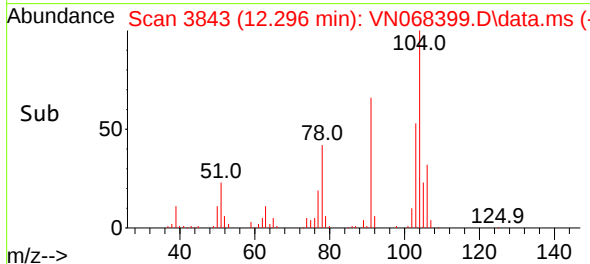
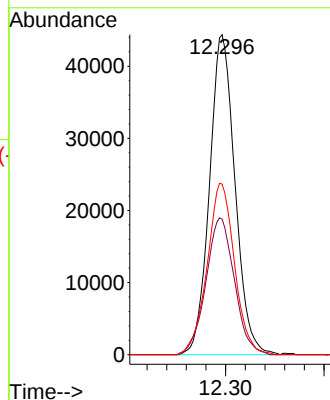
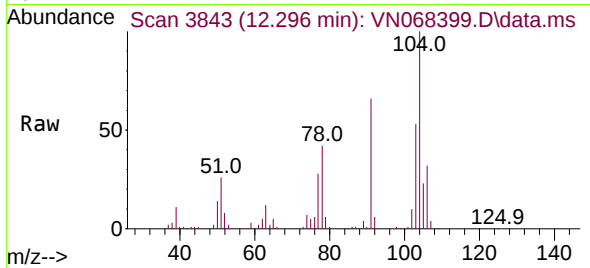
Tgt Ion:104 Resp: 80006
Ion Ratio Lower Upper
104 100
78 47.6 48.2 72.2#
103 57.3 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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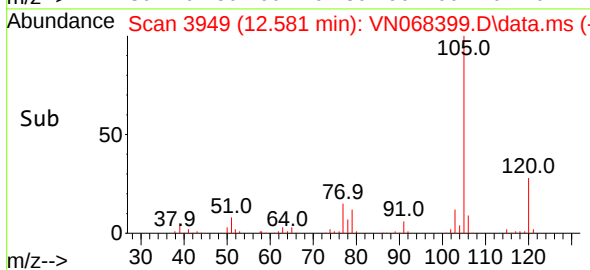
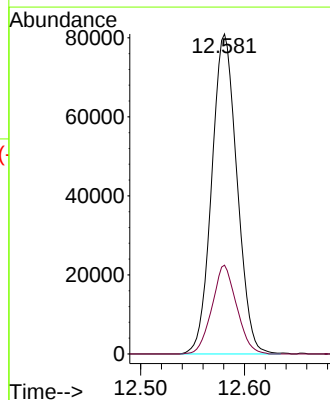
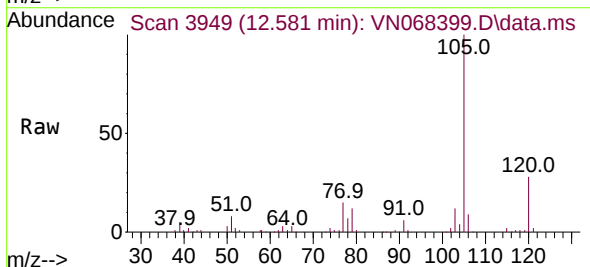
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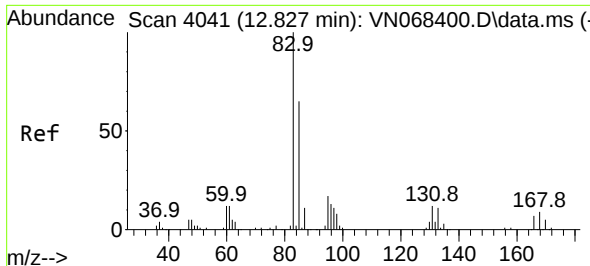
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#70
Isopropylbenzene
Concen: 4.391 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion:105 Resp: 136945
Ion Ratio Lower Upper
105 100
120 27.0 17.6 32.6





#71
1,1,2,2-Tetrachloroethane
Concen: 4.305 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

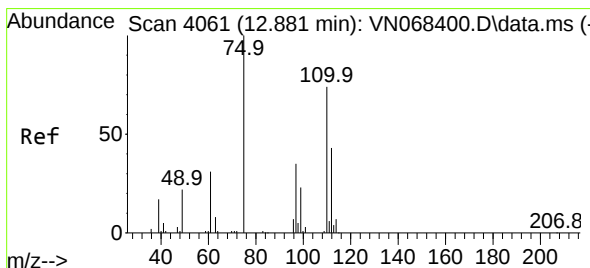
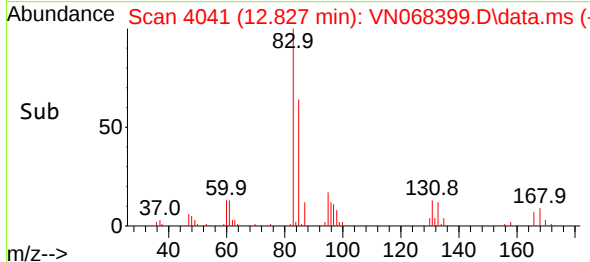
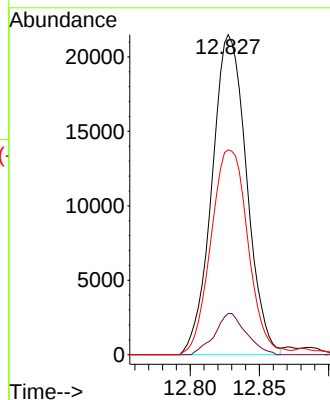
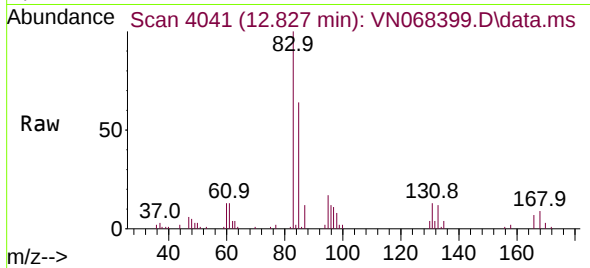
Tgt Ion: 83 Resp: 37446
Ion Ratio Lower Upper
83 100
131 11.7 4.7 14.0
85 68.5 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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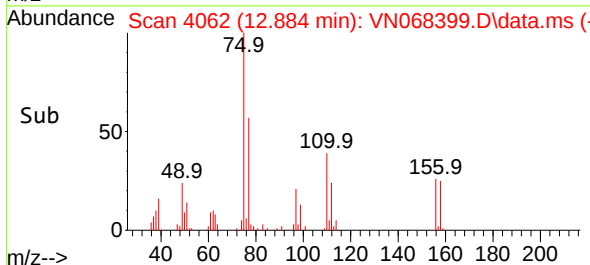
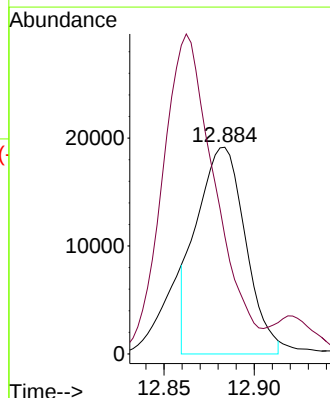
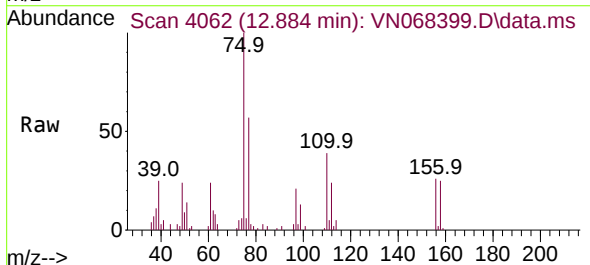
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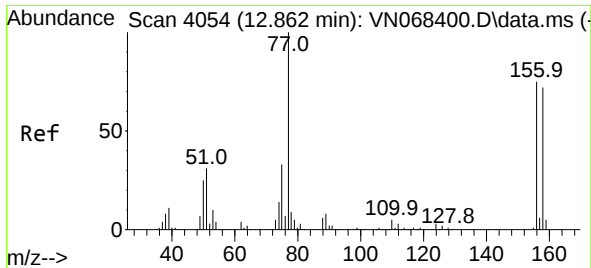
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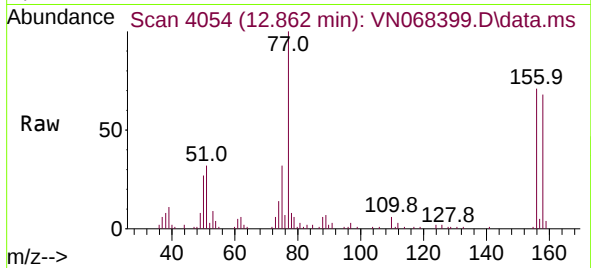
#72
1,2,3-Trichloropropane
Concen: 4.905 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 75 Resp: 35834
Ion Ratio Lower Upper
75 100
77 168.8 0.0 374.2

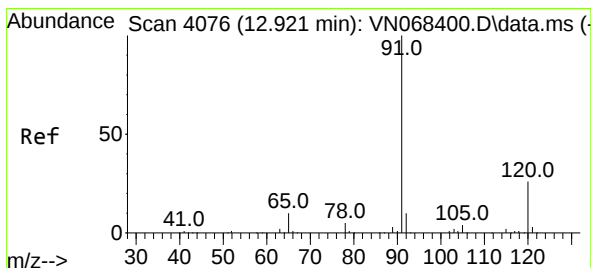
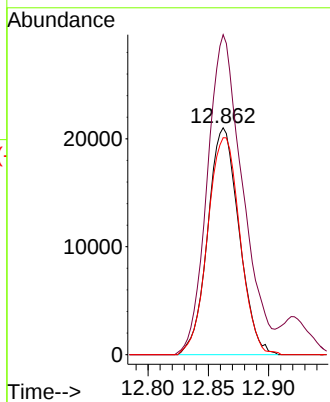
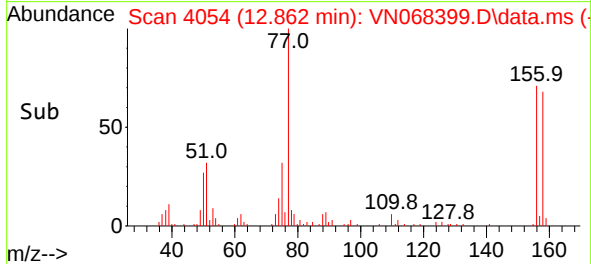




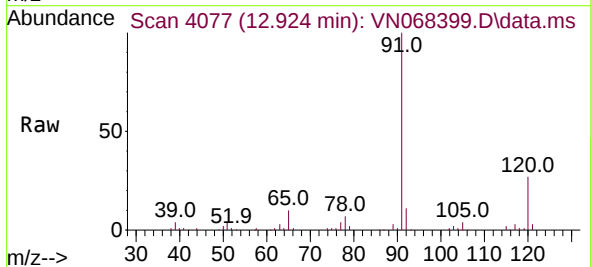
#73
Bromobenzene
Concen: 5.096 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



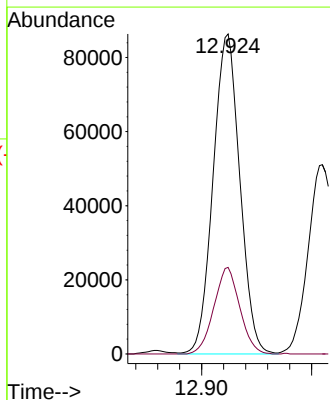
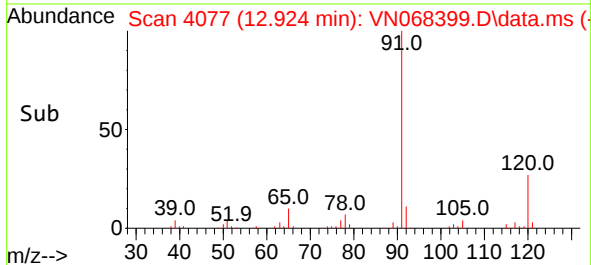
Tgt Ion: 156 Resp: 38031
Ion Ratio Lower Upper
156 100
77 159.0 0.0 548.0
158 98.7 0.0 194.0



#74
n-propylbenzene
Concen: 4.153 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 91 Resp: 145640
Ion Ratio Lower Upper
91 100
120 26.1 0.0 41.0

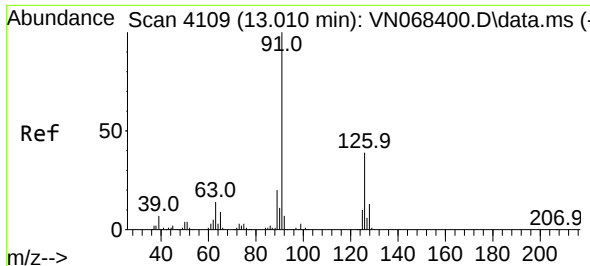


Instrument :
MSVOA_N
ClientSampleId :
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#75
2-Chlorotoluene
Concen: 4.302 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

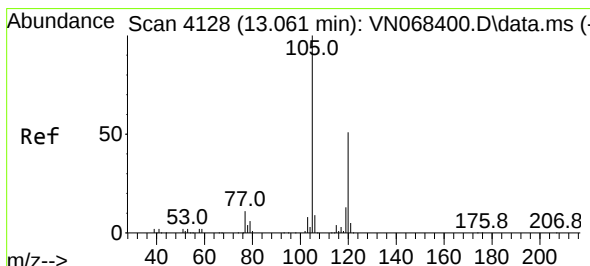
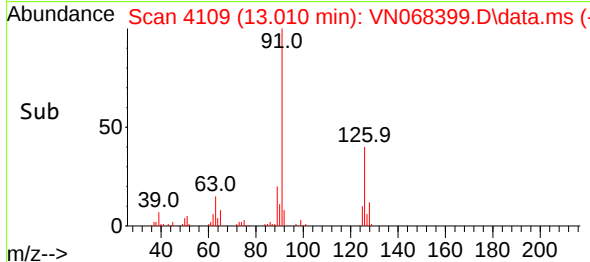
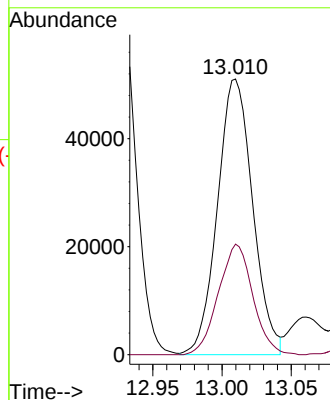
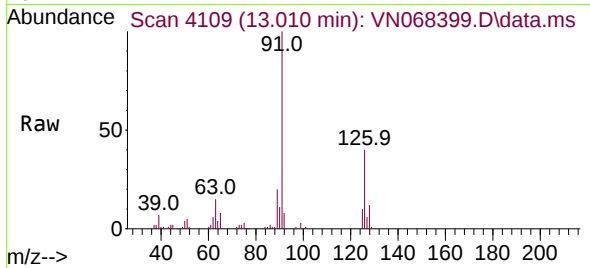
Tgt Ion: 91 Resp: 90549
Ion Ratio Lower Upper
91 100
126 39.1 0.0 0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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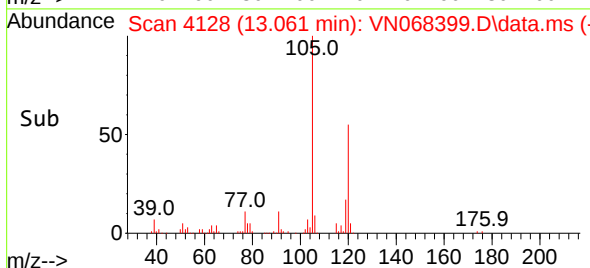
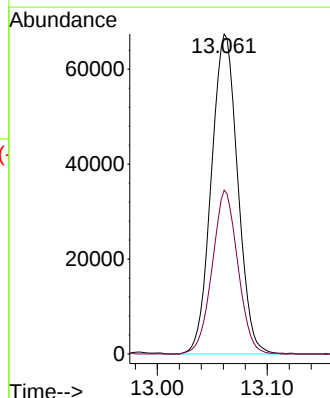
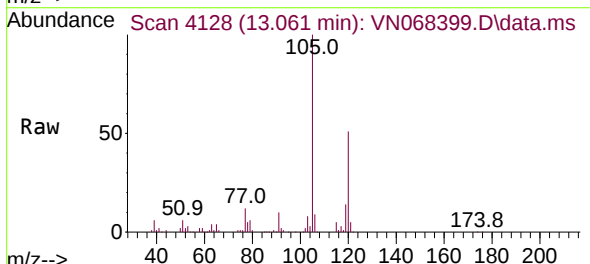
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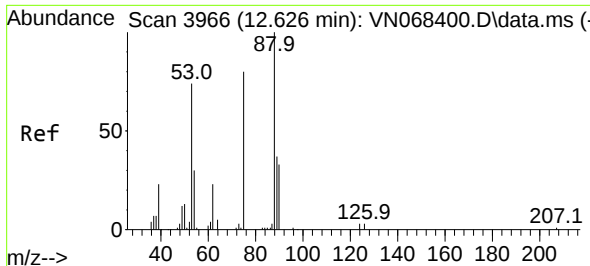
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#76
1,3,5-Trimethylbenzene
Concen: 4.343 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

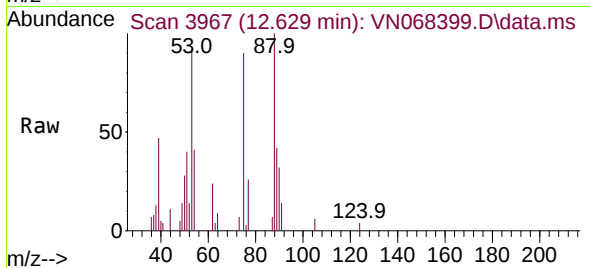
Tgt Ion: 105 Resp: 112266
Ion Ratio Lower Upper
105 100
120 49.8 0.0 90.2





#77
t-1,4-Dichloro-2-butene
Concen: 3.008 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

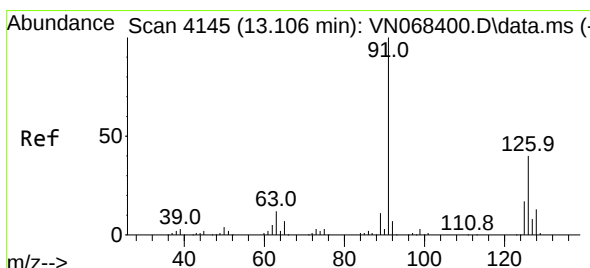
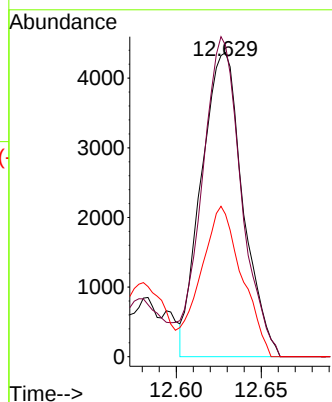


Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.4	55.2	165.6
89	46.8	24.5	73.5

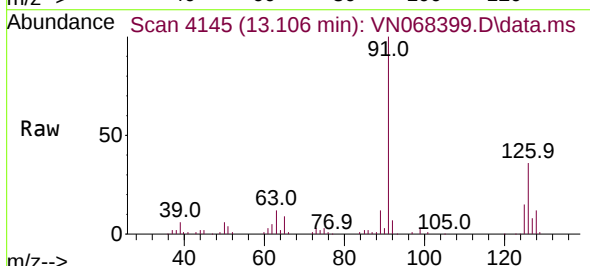
Manual Integrations
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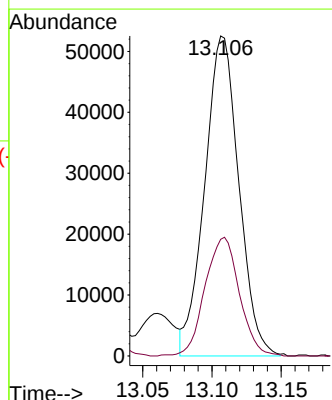
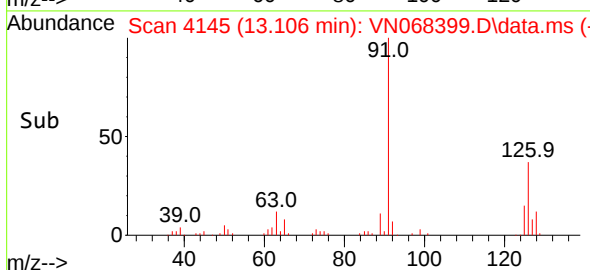
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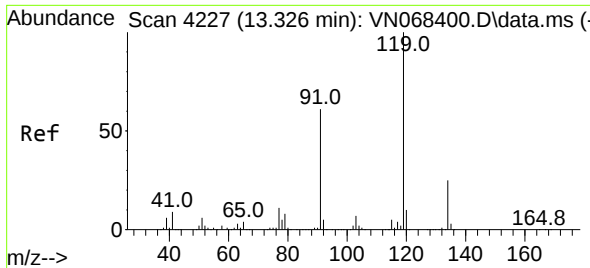


#78
4-Chlorotoluene
Concen: 4.349 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



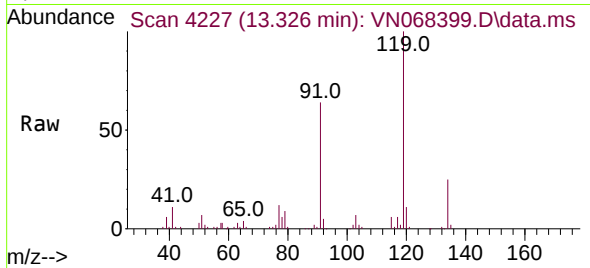
Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	0.0	57.6





#79
tert-butylbenzene
Concen: 4.501 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

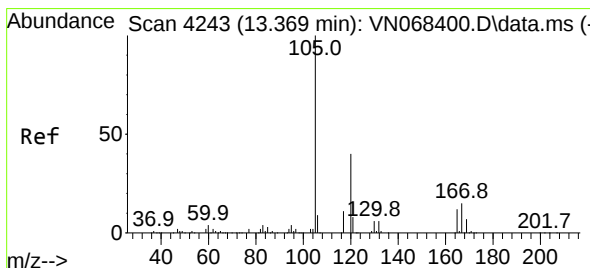
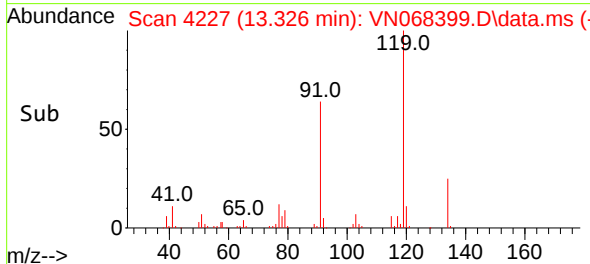
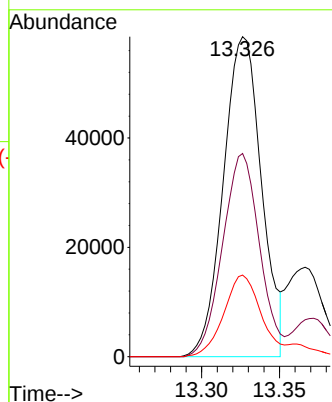


Tgt Ion:119 Resp: 99902
Ion Ratio Lower Upper
119 100
91 61.8 0.0 158.4
134 24.8 0.0 43.6

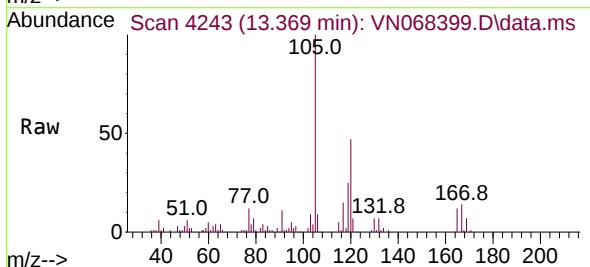
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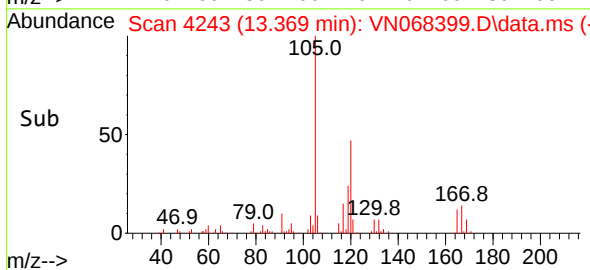
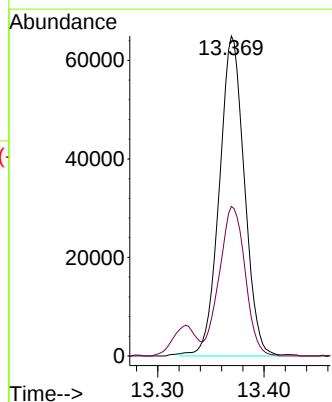
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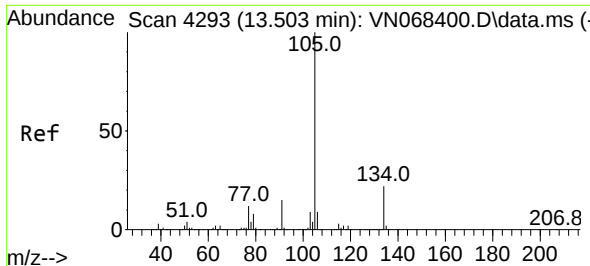


#80
1,2,4-Trimethylbenzene
Concen: 4.184 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



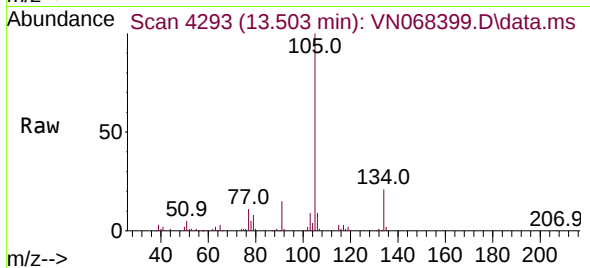
Tgt Ion:105 Resp: 106099
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 4.426 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068399.D
 Acq: 3 Sep 2021 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

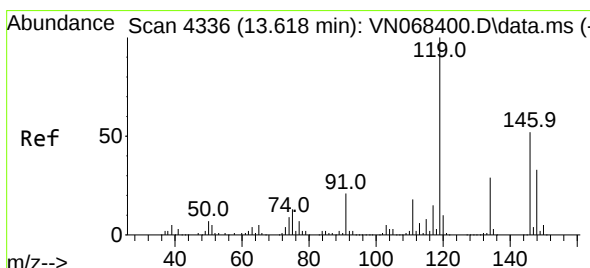
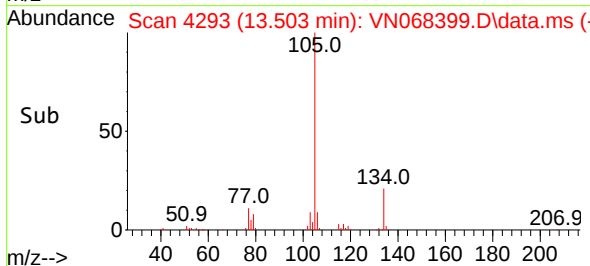
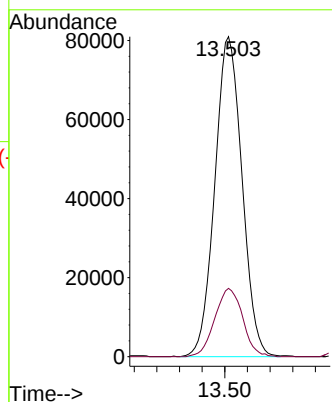


Tgt Ion:105 Resp: 134880
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 35.4

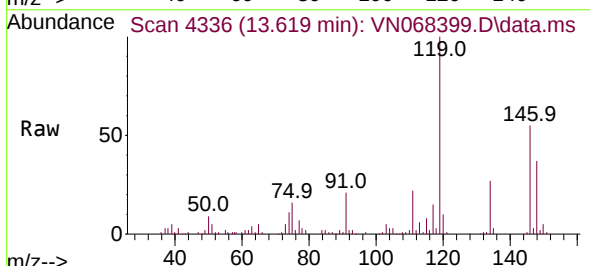
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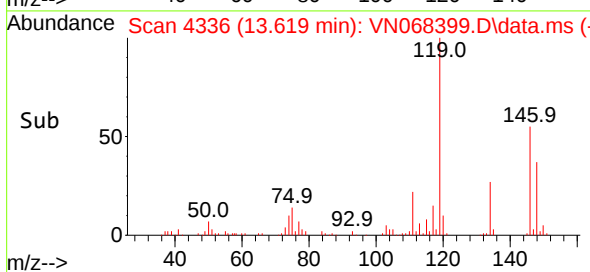
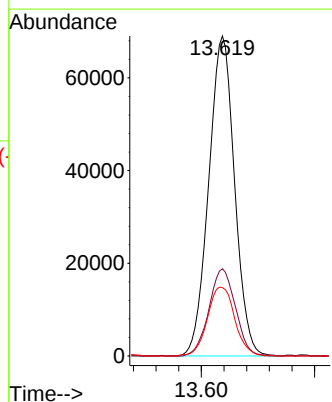
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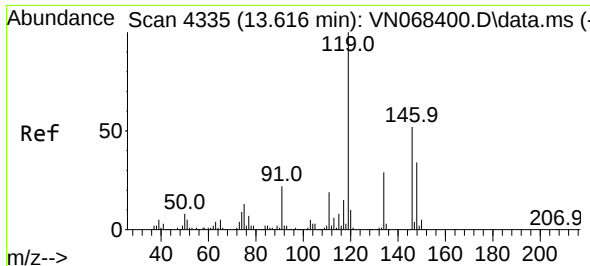


#82
 p-Isopropyltoluene
 Concen: 4.255 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068399.D
 Acq: 3 Sep 2021 11:04

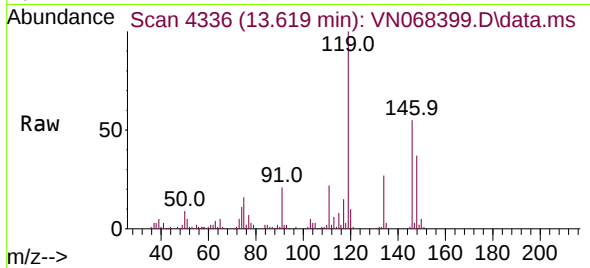


Tgt Ion:119 Resp: 109332
 Ion Ratio Lower Upper
 119 100
 134 27.8 0.0 49.0
 91 22.7 0.0 59.6





#83
1,3-Dichlorobenzene
Concen: 4.730 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



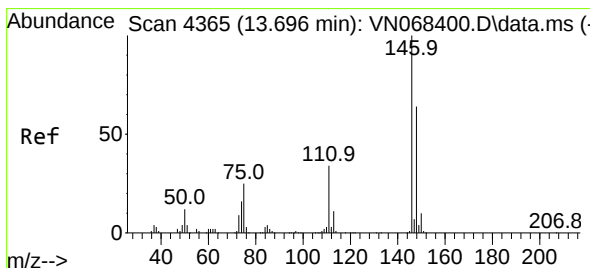
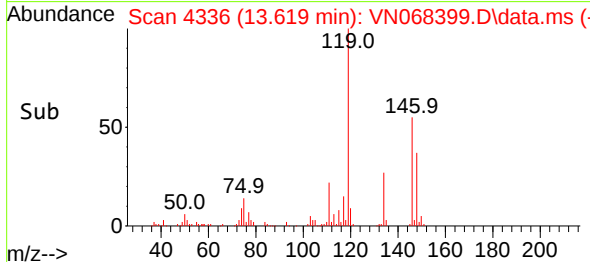
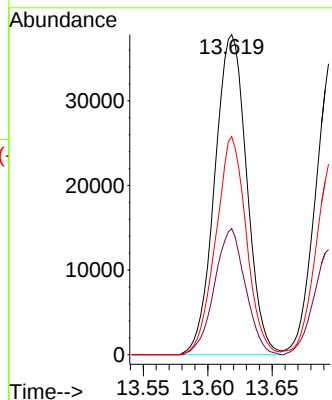
Tgt Ion:146 Resp: 65285
Ion Ratio Lower Upper
146 100
111 38.2 25.0 75.0
148 65.2 32.6 97.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

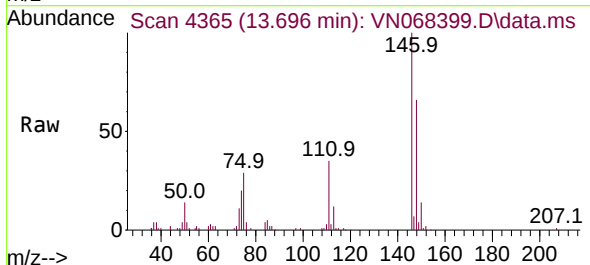
Manual Integrations
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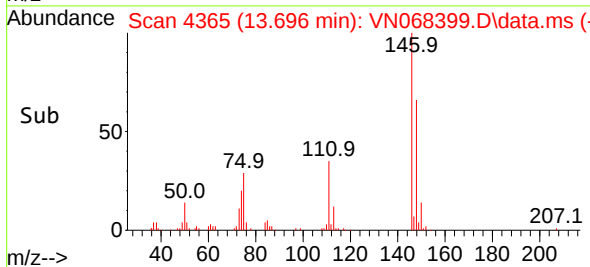
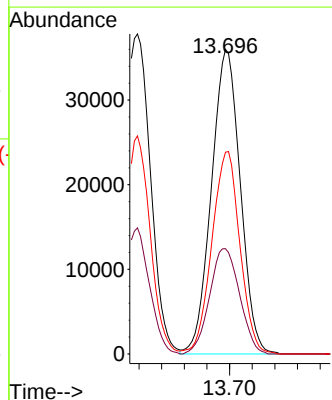
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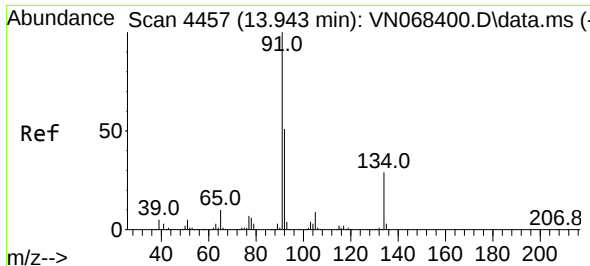


#84
1,4-Dichlorobenzene
Concen: 4.793 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

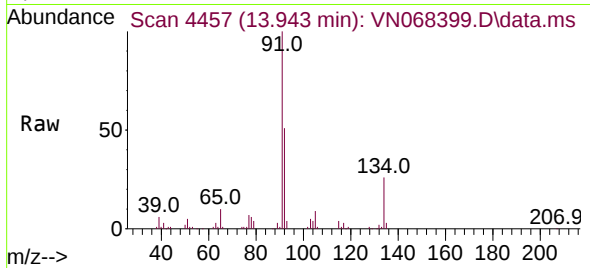


Tgt Ion:146 Resp: 63739
Ion Ratio Lower Upper
146 100
111 35.9 23.6 71.0
148 64.6 31.8 95.3

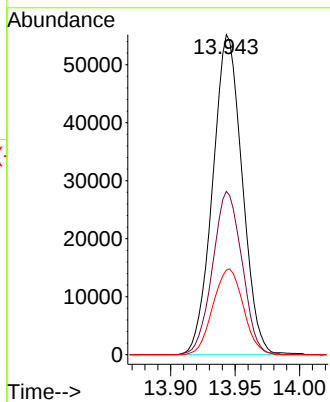
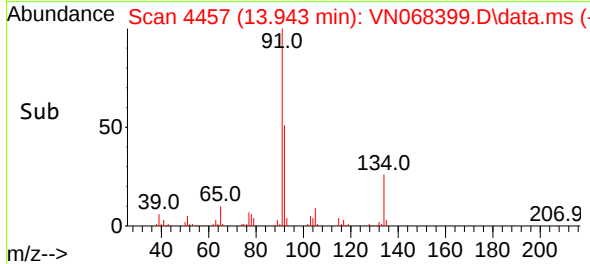




#85
n-Butylbenzene
Concen: 4.260 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion: 91 Resp: 87680
Ion Ratio Lower Upper
91 100
92 51.0 0.0 103.0
134 27.6 0.0 43.6

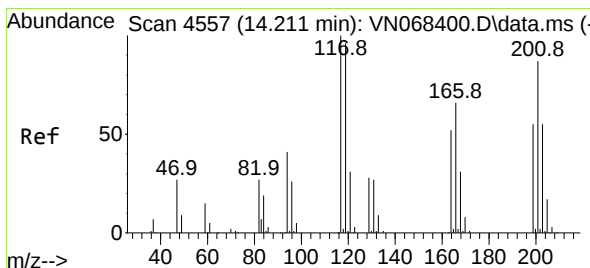


Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

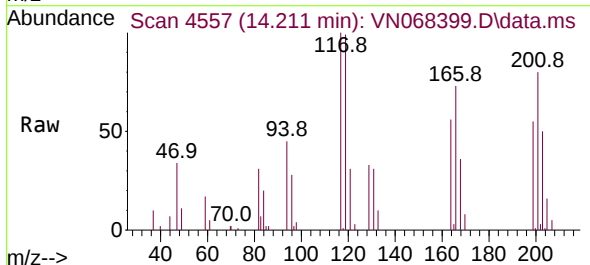
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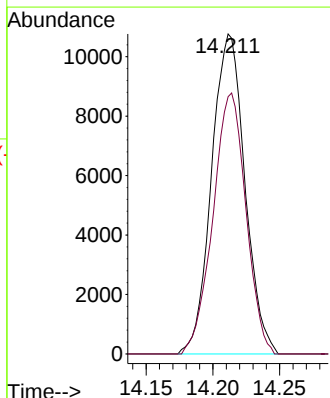
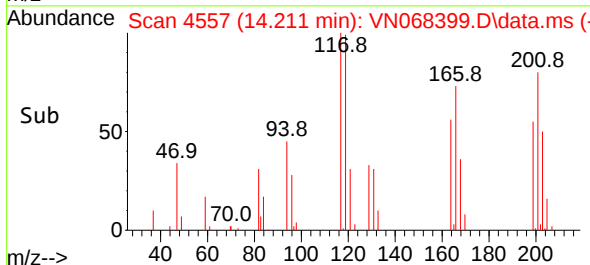
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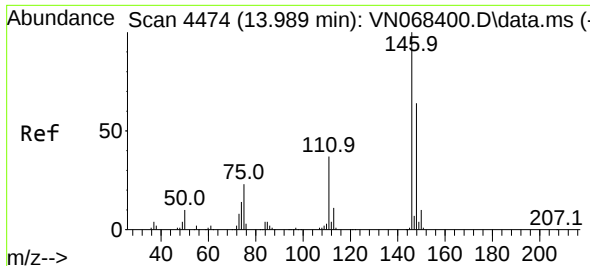


#86
Hexachloroethane
Concen: 4.230 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



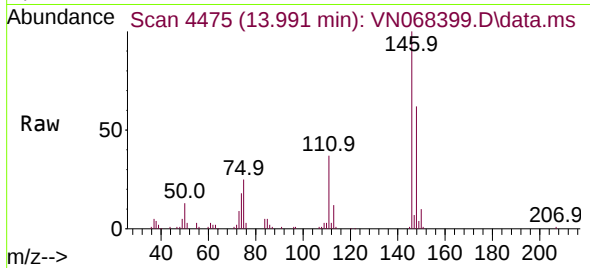
Tgt Ion: 117 Resp: 18667
Ion Ratio Lower Upper
117 100
201 80.7 33.3 99.9





#87
1,2-Dichlorobenzene
Concen: 4.850 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

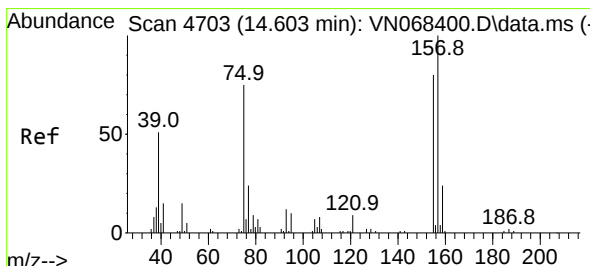
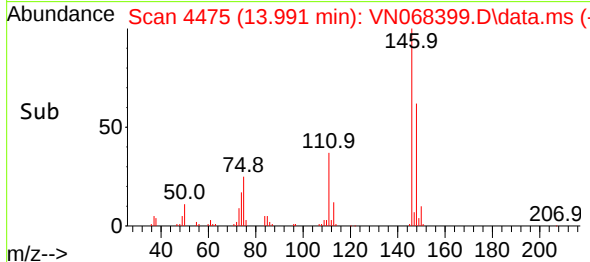
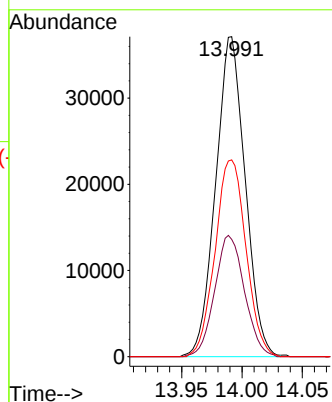


Tgt Ion:146 Resp: 63265
Ion Ratio Lower Upper
146 100
111 38.2 25.0 75.0
148 64.3 32.0 96.0

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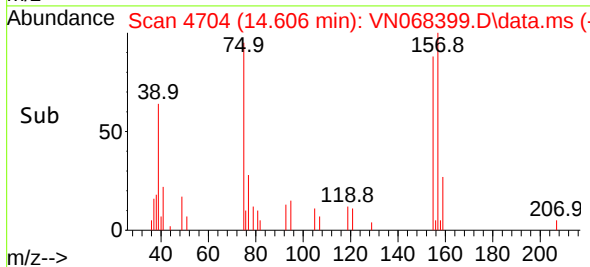
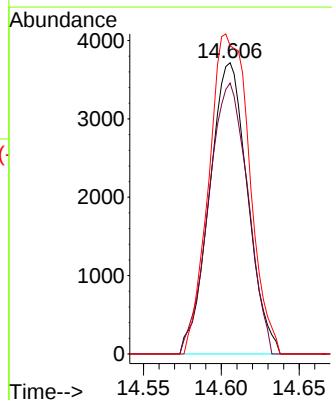
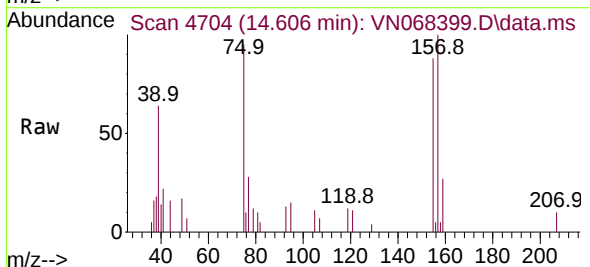
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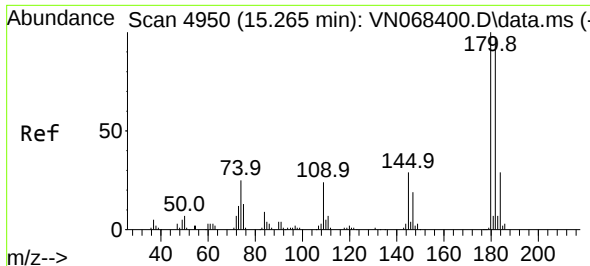
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#88
1,2-Dibromo-3-Chloropropane
Concen: 4.059 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion: 75 Resp: 6305
Ion Ratio Lower Upper
75 100
155 95.5 45.3 67.9#
157 117.4 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 5.174 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

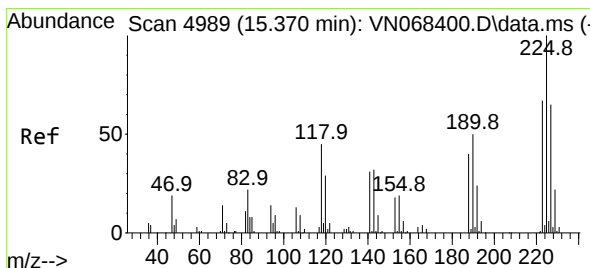
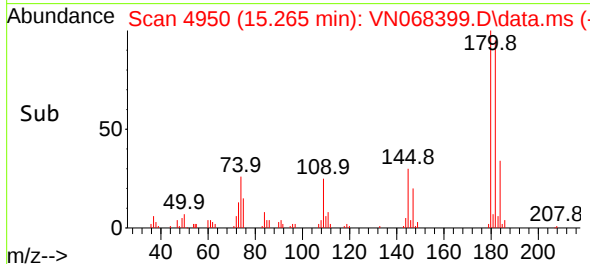
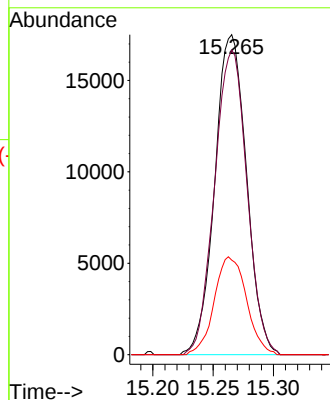
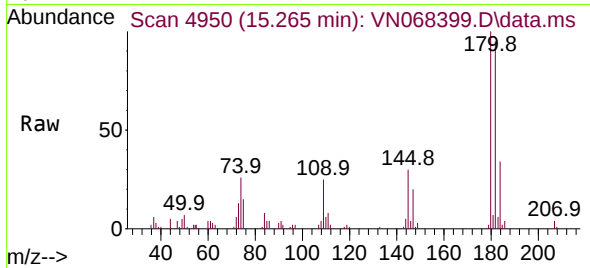
Tgt Ion:	180	Resp:	32099
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.9	113.9
145	31.0	28.8	43.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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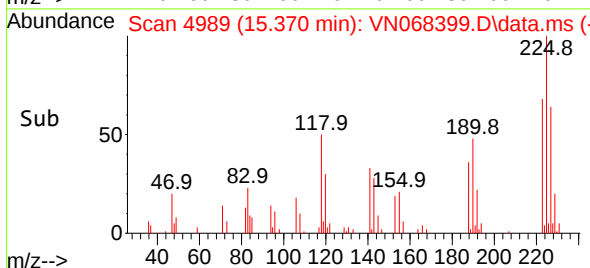
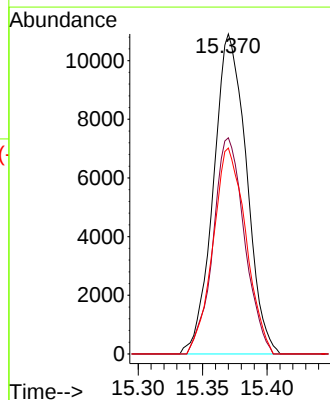
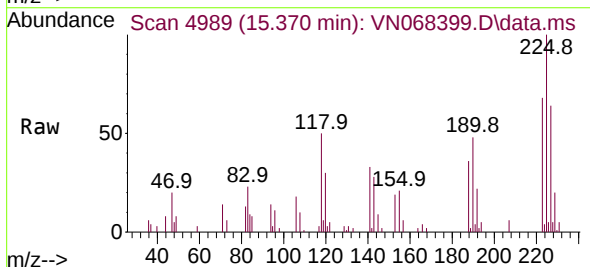
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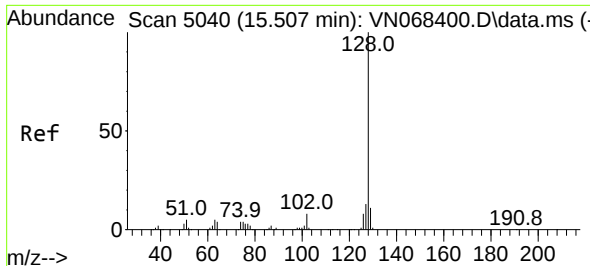
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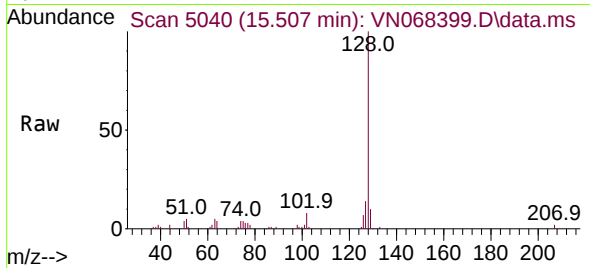
#90
Hexachlorobutadiene
Concen: 6.272 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04

Tgt Ion:	225	Resp:	19415
Ion Ratio	Lower	Upper	
225	100		
223	64.3	0.0	129.6
227	64.1	0.0	131.2

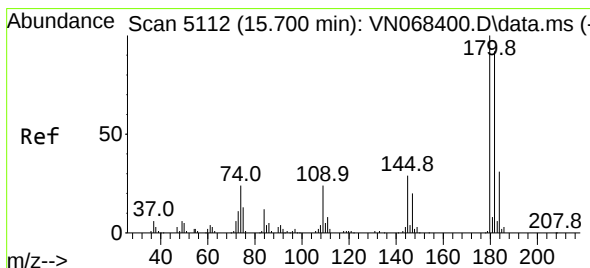
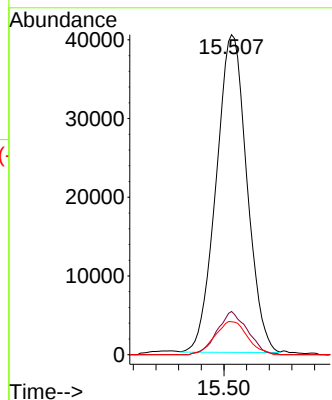
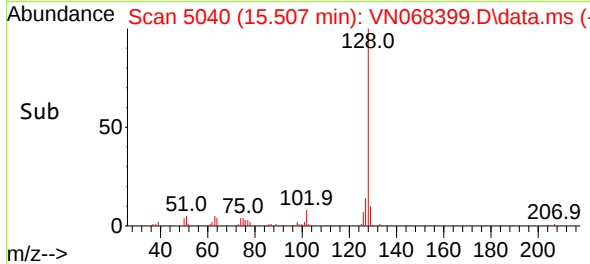




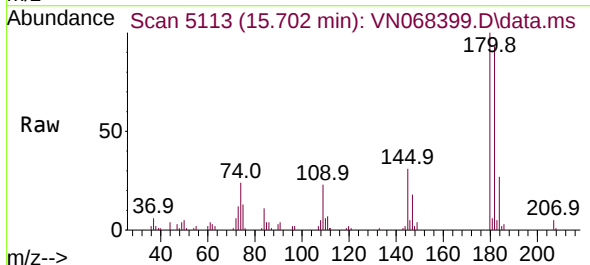
#91
Naphthalene
Concen: 4.737 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



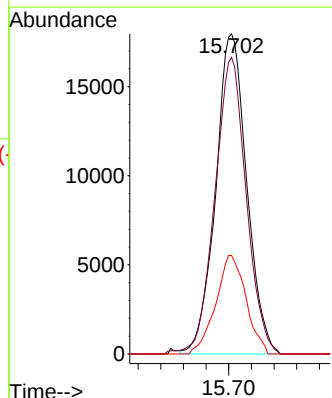
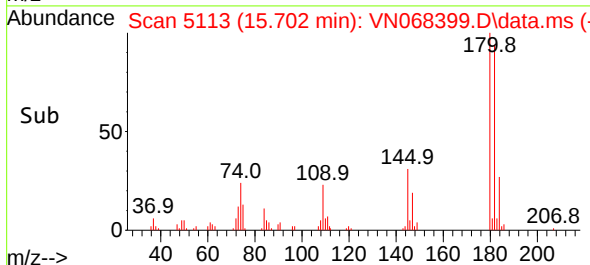
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 5.805 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN068399.D
Acq: 3 Sep 2021 11:04



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	184.6
145	29.9	0.0	76.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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