

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068720.D
 Acq On : 28 Sep 2021 14:43
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 9/30/2021 12:17:23 PM

Quant Time: Sep 29 01:51:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 01:51:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	76648	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	442104	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	400334	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	185658	26.497	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.333%#		
60) 4-Bromofluorobenzene	12.734	95	164350	23.205	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	77.367%		
63) Toluene-d8	10.443	98	567682	30.444	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.467%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	22680	5.274	ug/l	96
3) Chloromethane	2.303	50	28886	5.279	ug/l	96
4) Vinyl Chloride	2.443	62	54462	7.346	ug/l	96
5) Bromomethane	2.859	94	55981	10.041	ug/l	96
6) Chloroethane	3.017	64	46154	8.252	ug/l	97
7) Trichlorofluoromethane	3.373	101	43221	5.314	ug/l	95
8) Diethyl Ether	3.827	74	14029m	4.886	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.216	101	24663m	5.466	ug/l	
10) 1,1-Dichloroethene	4.183	96	22582m	5.400	ug/l	
11) Methyl Iodide	4.422	142	21431	4.030	ug/l	87
12) Methyl Acetate	4.854	43	36788	4.283	ug/l	94
13) Acrolein	4.044	56	10520m	35.881	ug/l	
14) Acrylonitrile	5.551	53	57227m	22.090	ug/l	
15) Acetone	4.288	58	16426	22.883	ug/l	96
16) Carbon Disulfide	4.532	76	58862	5.017	ug/l	100
17) Allyl chloride	4.843	41	31548	3.931	ug/l	96
18) Methylene Chloride	5.098	84	29164	5.664	ug/l	97
19) trans-1,2-Dichloroethene	5.597	96	24401	5.227	ug/l	96
20) Diisopropyl ether	6.495	45	71552	4.108	ug/l	97
21) 1,1-Dichloroethane	6.388	63	44873	4.811	ug/l	98
22) cis-1,2-Dichloroethene	7.329	96	29675	5.273	ug/l	95
23) tert-Butyl Alcohol	5.361	59	19451	22.111	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	77995m	4.816	ug/l	
25) Chloroform	7.817	83	52784	5.037	ug/l	94
26) Cyclohexane	8.096	56	37096	4.306	ug/l #	93
29) 1,1-Dichloropropene	8.222	75	36752	4.374	ug/l	69
30) 2-Butanone	7.335	43	78947	20.397	ug/l	100
31) 2,2-Dichloropropane	7.327	77	39923	4.697	ug/l #	76
32) 1,1,1-Trichloroethane	8.016	97	45689	4.702	ug/l	97
33) Carbon Tetrachloride	8.206	117	39523	4.349	ug/l	99
34) Benzene	8.458	78	108301	4.762	ug/l #	80
35) Methacrylonitrile	7.638	41	15914	4.024	ug/l	90
36) 1,2-Dichloroethane	8.531	62	41524	4.720	ug/l	100
37) Trichloroethene	9.220	130	28382	4.971	ug/l	85
38) Methylcyclohexane	9.462	83	42525	4.071	ug/l	100
39) 1,2-Dichloropropane	9.494	63	26839	4.121	ug/l	95
40) Dibromomethane	9.577	93	21307	4.800	ug/l	97
41) Bromodichloromethane	9.762	83	40449	4.543	ug/l	95
42) Vinyl Acetate	6.436	43	279728m	19.995	ug/l	

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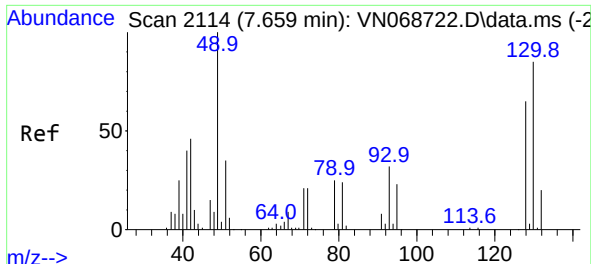
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	33787m	4.472	ug/l	
44) Isopropyl Acetate	8.560	43	56675	4.039	ug/l	98
45) 1,4-Dioxane	9.566	88	8932	85.749	ug/l #	94
46) Methyl methacrylate	9.561	41	23344	3.314	ug/l	95
47) n-amyl Acetate	12.390	43	36601	2.769	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	39602	4.042	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	41651	4.158	ug/l	96
50) 1,1,2-Trichloroethane	10.896	97	28070	4.583	ug/l	98
51) Ethyl methacrylate	10.762	69	37464	3.947	ug/l	97
52) 1,3-Dichloropropane	11.044	76	46249	4.709	ug/l	97
53) Dibromochloromethane	11.240	129	29513	4.217	ug/l	99
54) 1,2-Dibromoethane	11.347	107	27812	4.365	ug/l	95
55) 2-Chloroethyl vinyl ether	10.044	63	50730	18.347	ug/l	97
56) Bromoform	12.460	173	18686	3.660	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	169811	20.466	ug/l	98
59) 2-Hexanone	11.087	43	119989	18.980	ug/l	98
61) Tetrachloroethene	10.980	164	25598	5.217	ug/l	92
62) Toluene	10.507	91	128434	5.020	ug/l	100
64) Chlorobenzene	11.771	112	75823	5.129	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.843	131	28573	4.740	ug/l	99
66) Ethyl Benzene	11.846	91	130772	4.513	ug/l	96
67) m/p-Xylenes	11.956	106	97357	8.650	ug/l	99
68) o-Xylene	12.283	106	48101	4.186	ug/l	99
69) Styrene	12.296	104	72705	3.737	ug/l	99
70) Isopropylbenzene	12.581	105	124930	4.169	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	39544	4.687	ug/l	96
72) 1,2,3-Trichloropropane	12.881	75	31110m	3.984	ug/l	
73) Bromobenzene	12.862	156	27587	4.204	ug/l	97
74) n-propylbenzene	12.924	91	137884	4.075	ug/l	99
75) 2-Chlorotoluene	13.010	91	83442	4.326	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	99329	4.309	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	9967	3.414	ug/l	97
78) 4-Chlorotoluene	13.106	91	79351	4.209	ug/l	97
79) tert-butylbenzene	13.326	119	86561	4.402	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	96747	4.498	ug/l #	81
81) sec-Butylbenzene	13.503	105	121541	4.598	ug/l	100
82) p-Isopropyltoluene	13.619	119	94756	3.988	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	48622	4.268	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	46337	4.409	ug/l	98
85) n-Butylbenzene	13.946	91	75133	3.952	ug/l	98
86) Hexachloroethane	14.211	117	19510	4.419	ug/l	99
87) 1,2-Dichlorobenzene	13.989	146	46882	4.576	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	5995	3.694	ug/l	94
89) 1,2,4-Trichlorobenzene	15.268	180	20088	3.867	ug/l	98
90) Hexachlorobutadiene	15.373	225	12869	4.628	ug/l	96
91) Naphthalene	15.509	128	50721	3.595	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.702	180	19845	4.005	ug/l	96

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



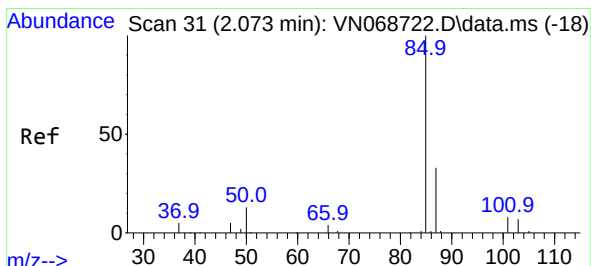
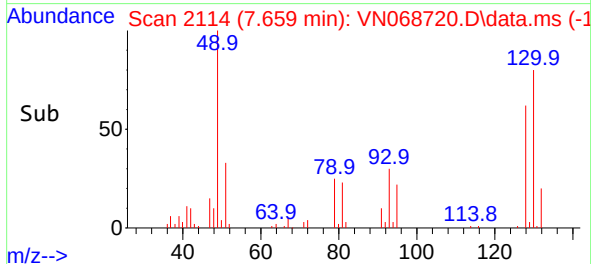
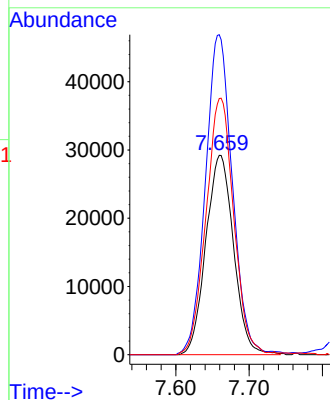
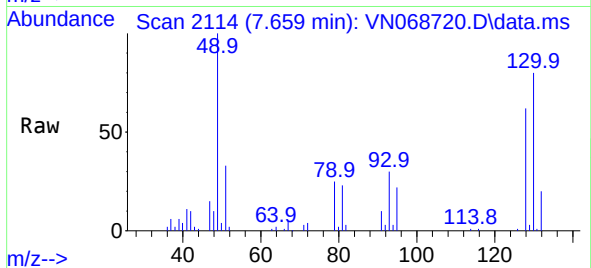
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	128	Resp:	76648
Ion	Ratio	Lower	Upper
128	100		
49	155.7	0.0	392.3
130	128.6	0.0	320.2

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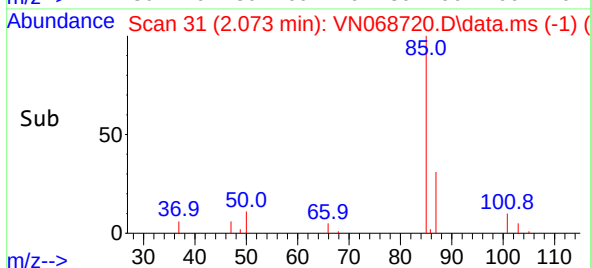
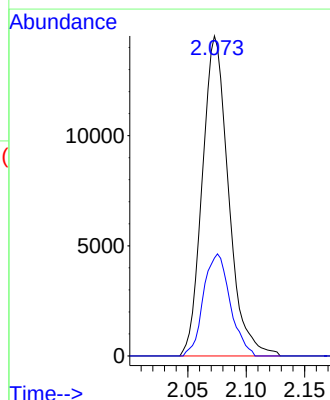
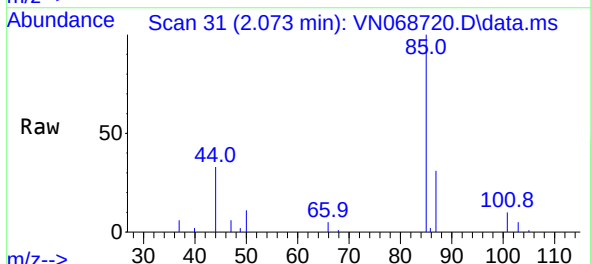
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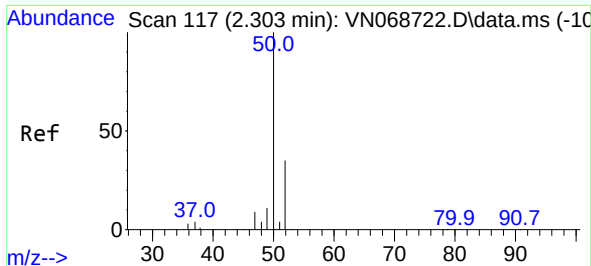
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#2
Dichlorodifluoromethane
Concen: 5.274 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	85	Resp:	22680
Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.6	49.7





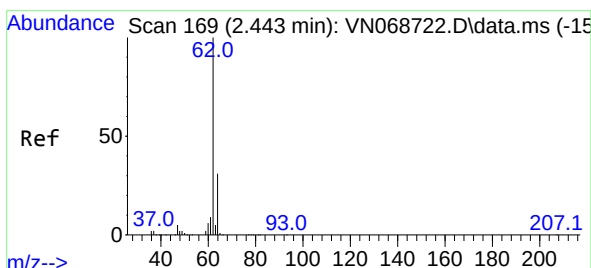
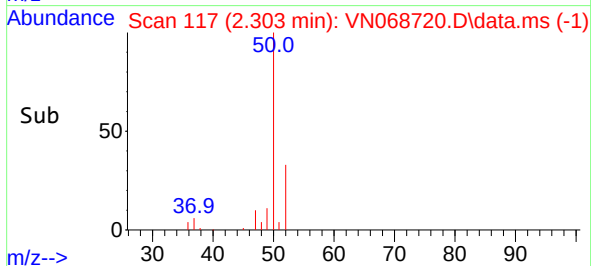
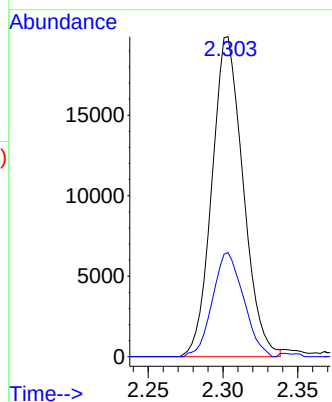
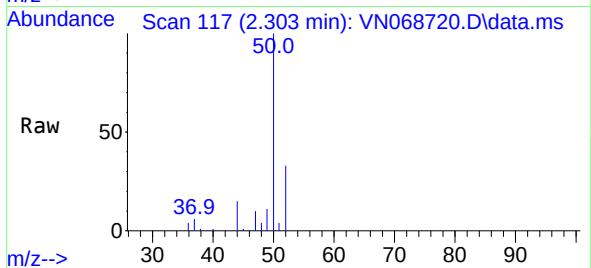
#3
Chloromethane
Concen: 5.279 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 50 Resp: 28886
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.6

Instrument :
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ClientSampleId :
VSTDIC005

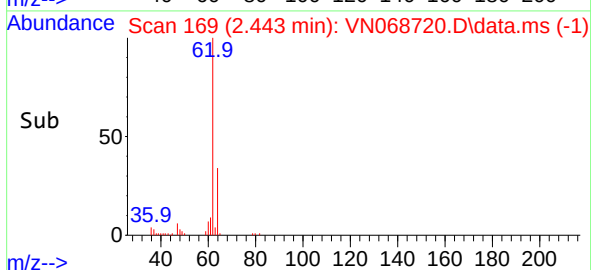
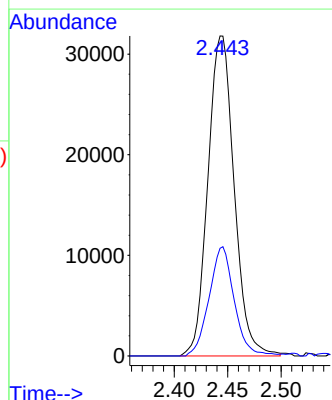
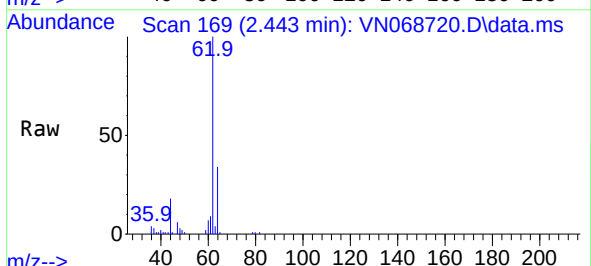
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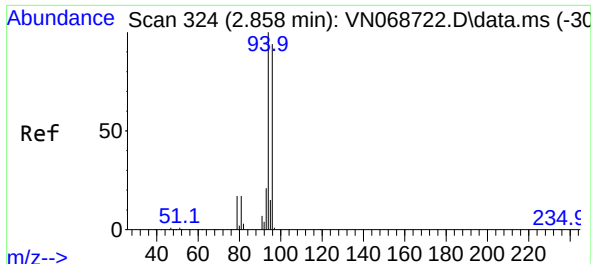
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#4
Vinyl Chloride
Concen: 7.346 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

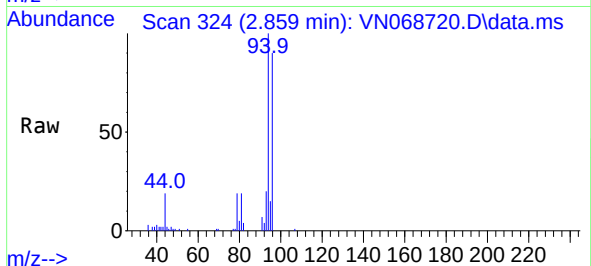
Tgt Ion: 62 Resp: 54462
Ion Ratio Lower Upper
62 100
64 33.6 25.1 37.7





#5
Bromomethane
Concen: 10.041 ug/l
RT: 2.859 min Scan# 324
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

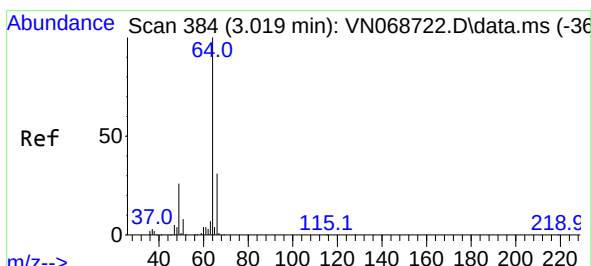
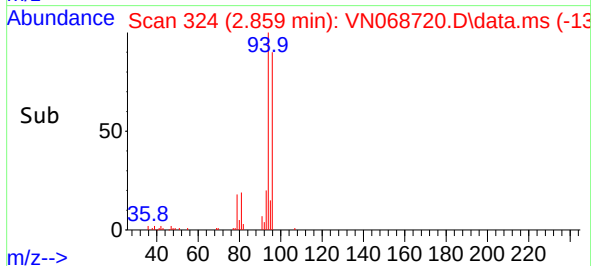
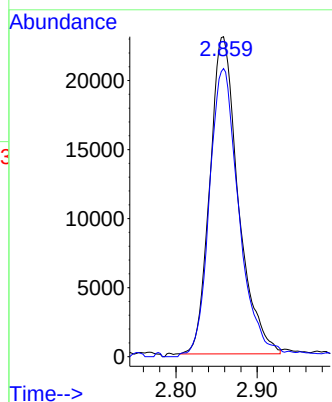
Instrument :
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ClientSampleId :
VSTDIC005



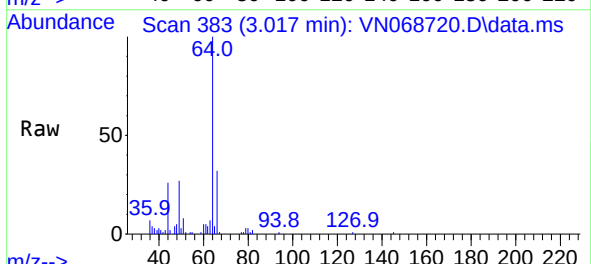
Tgt Ion: 94 Resp: 55981
Ion Ratio Lower Upper
94 100
96 89.9 75.2 112.8

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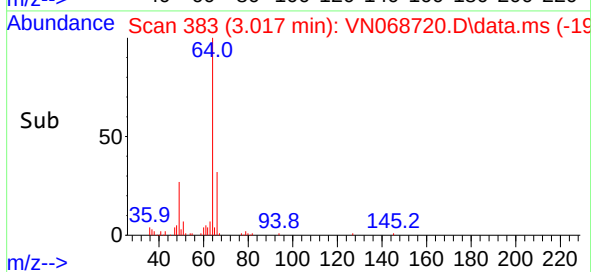
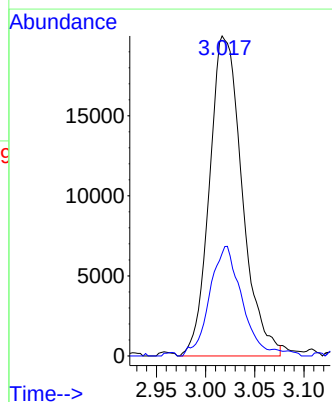
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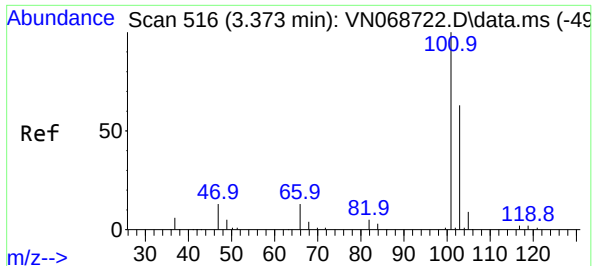


#6
Chloroethane
Concen: 8.252 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion: 64 Resp: 46154
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





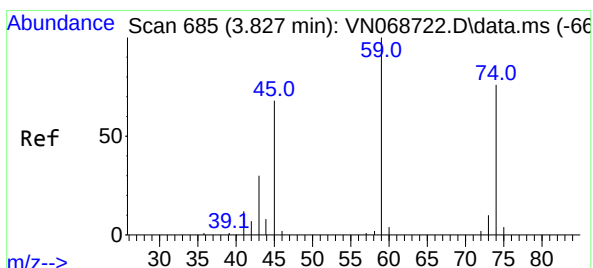
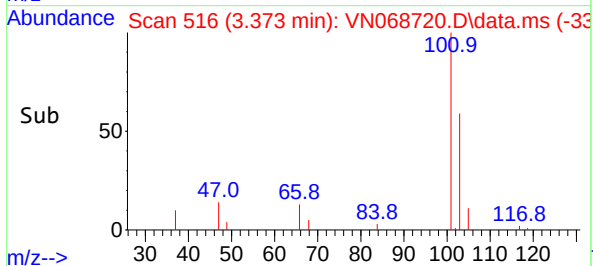
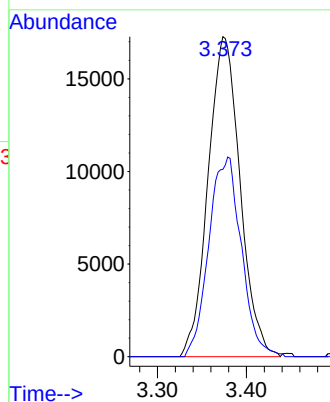
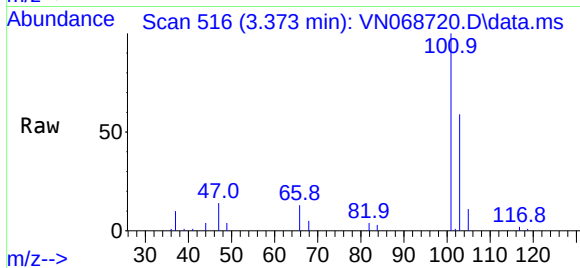
#7
Trichlorofluoromethane
Concen: 5.314 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:101 Resp: 43221
Ion Ratio Lower Upper
101 100
103 58.5 50.1 75.1

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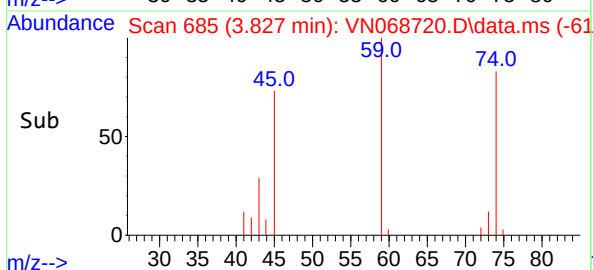
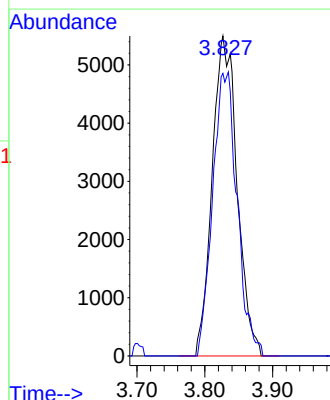
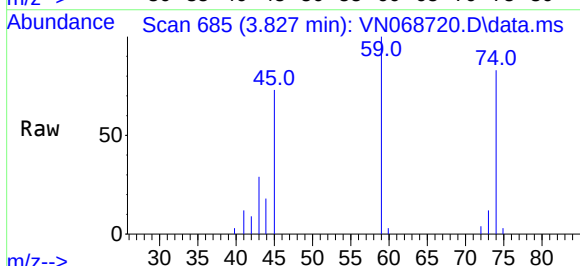
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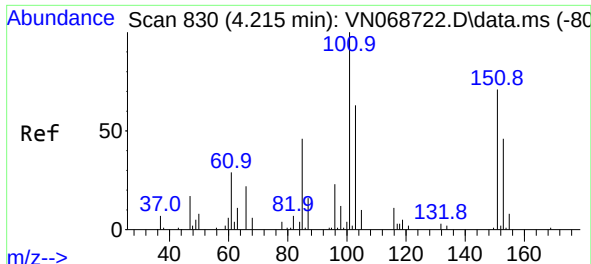
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#8
Diethyl Ether
Concen: 4.886 ug/l m
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 74 Resp: 14029
Ion Ratio Lower Upper
74 100
45 45.1 17.6 158.8





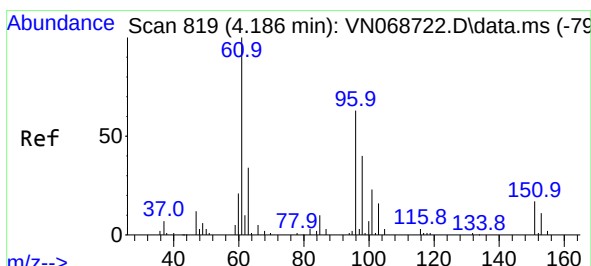
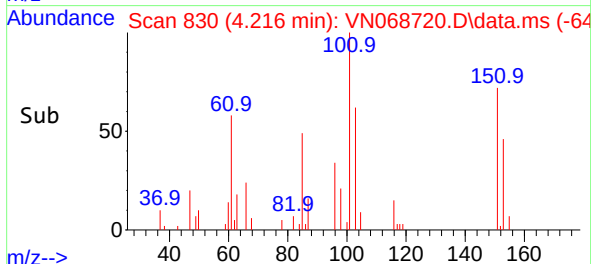
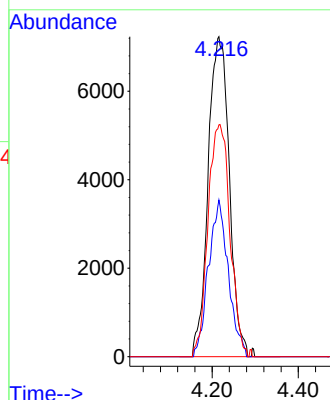
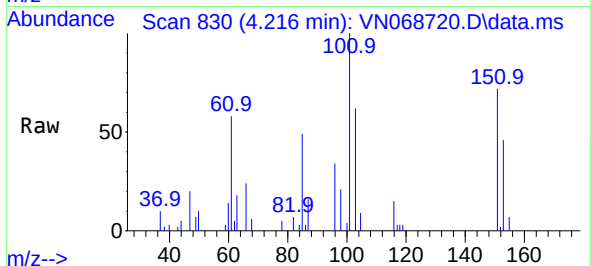
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.466 ug/l m
RT: 4.216 min Scan# 830
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 101 Resp: 24663
Ion Ratio Lower Upper
101 100
85 36.9 0.0 94.0
151 75.3 0.0 74.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

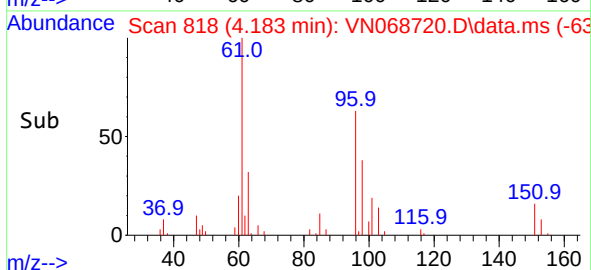
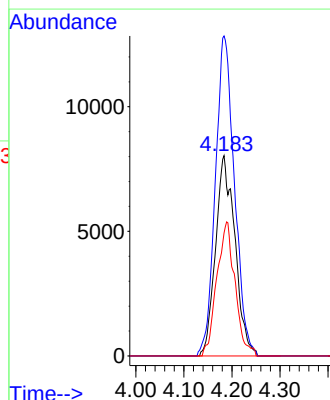
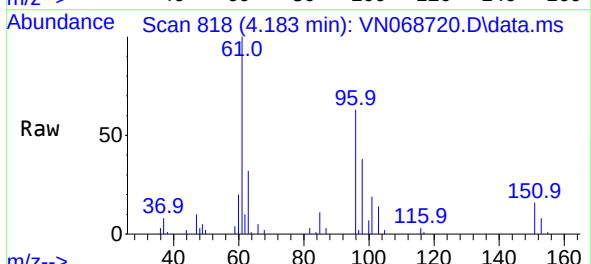
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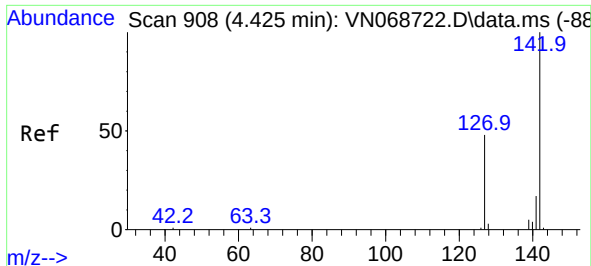
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#10
1,1-Dichloroethene
Concen: 5.400 ug/l m
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

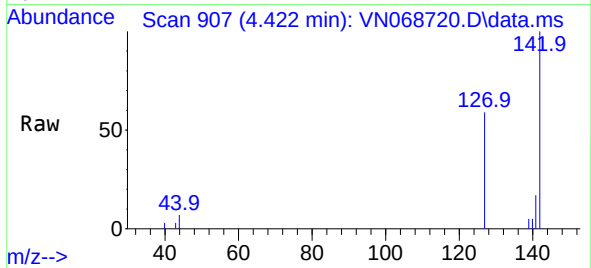
Tgt Ion: 96 Resp: 22582
Ion Ratio Lower Upper
96 100
61 159.7 126.2 189.4
98 61.3 50.9 76.3





#11
Methyl Iodide
Concen: 4.030 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

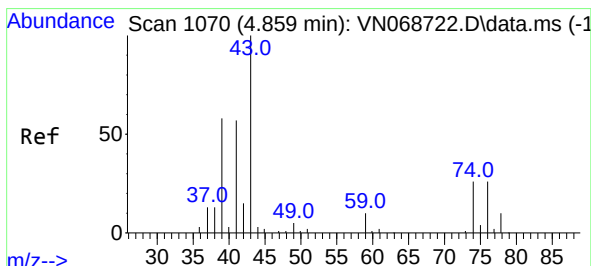
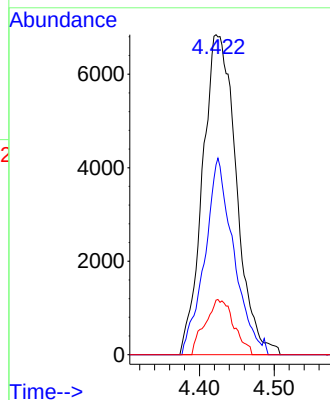
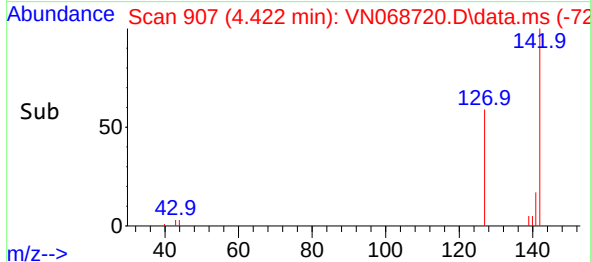
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



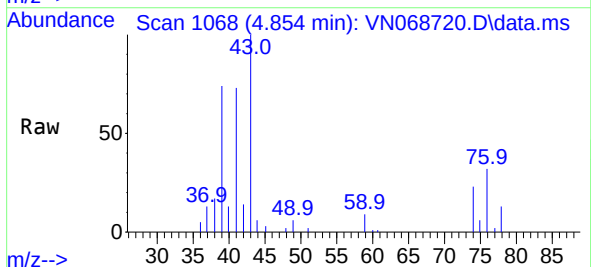
Tgt Ion:142 Resp: 21431
Ion Ratio Lower Upper
142 100
127 59.3 24.0 72.0
141 17.0 8.4 25.2

Manual Integrations
APPROVED

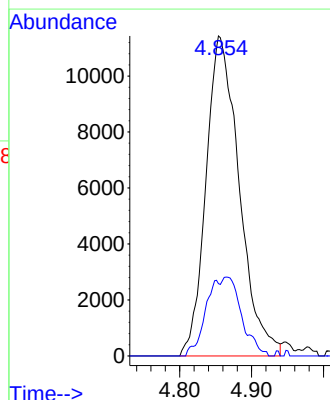
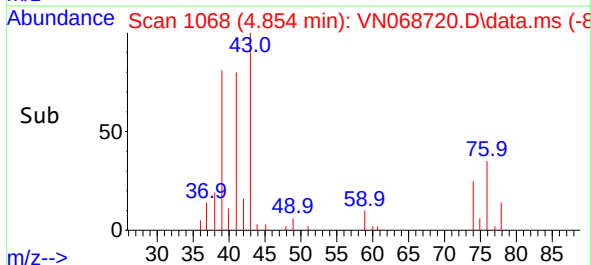
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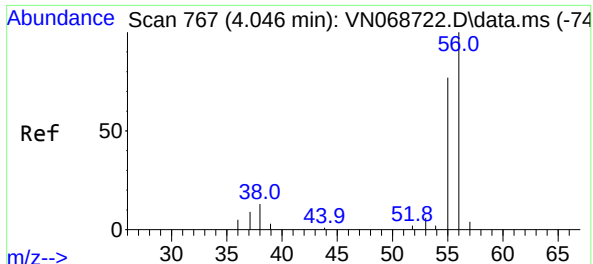


#12
Methyl Acetate
Concen: 4.283 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion: 43 Resp: 36788
Ion Ratio Lower Upper
43 100
74 23.0 20.8 31.2





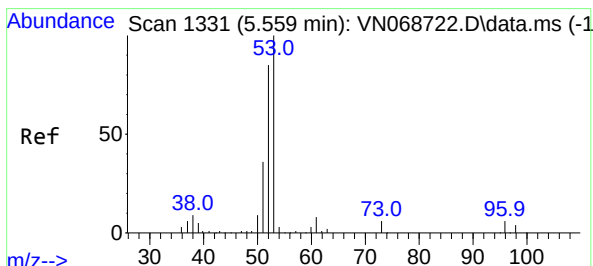
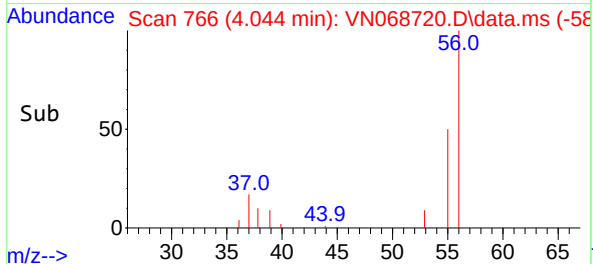
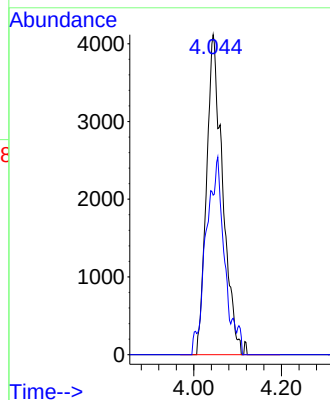
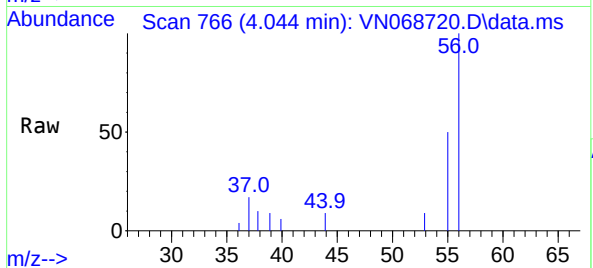
#13
Acrolein
Concen: 35.881 ug/l m
RT: 4.044 min Scan# 766
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 56 Resp: 10520
Ion Ratio Lower Upper
56 100
55 28.8 57.6 86.4#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

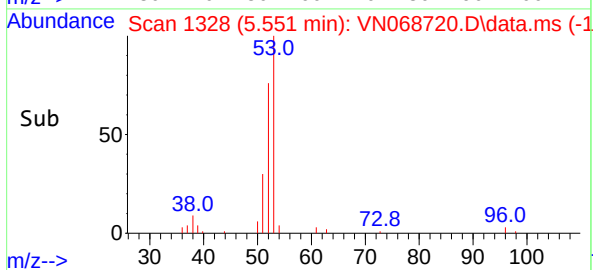
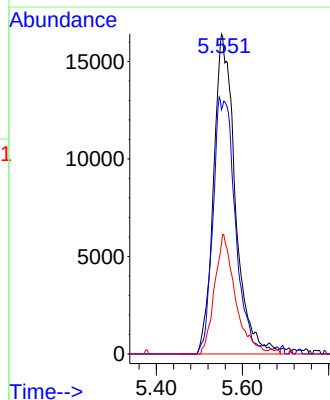
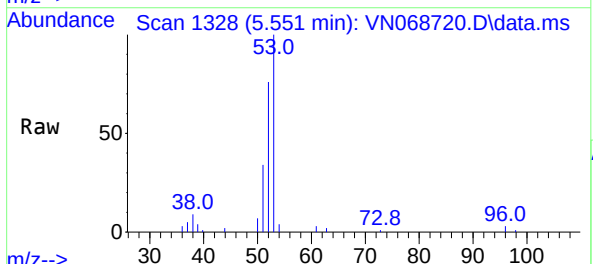
Manual Integrations
APPROVED

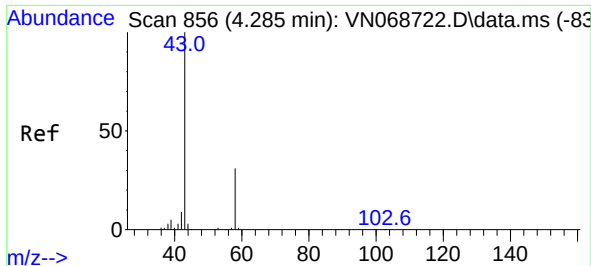
MMDadoda
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#14
Acrylonitrile
Concen: 22.090 ug/l m
RT: 5.551 min Scan# 1328
Delta R.T. -0.008 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

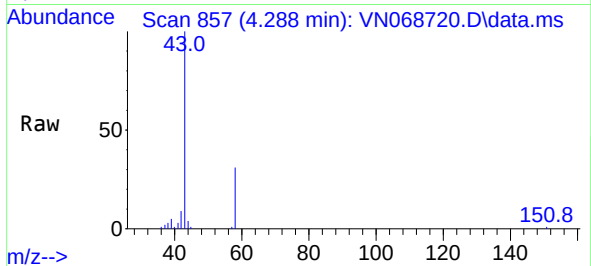
Tgt Ion: 53 Resp: 57227
Ion Ratio Lower Upper
53 100
52 33.1 41.8 125.4#
51 33.7 19.0 57.0





#15
Acetone
Concen: 22.883 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

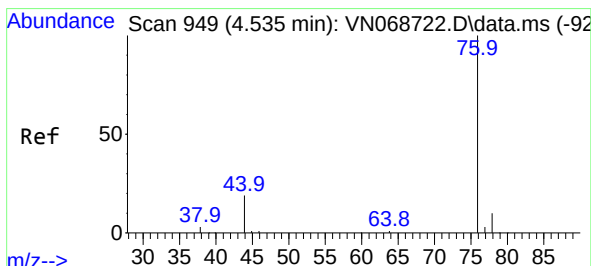
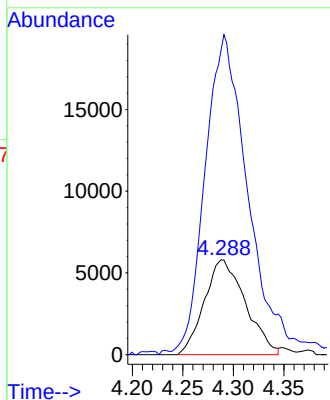
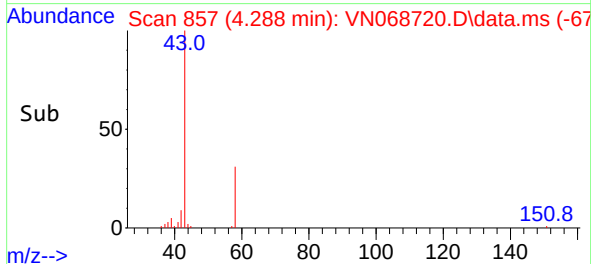
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



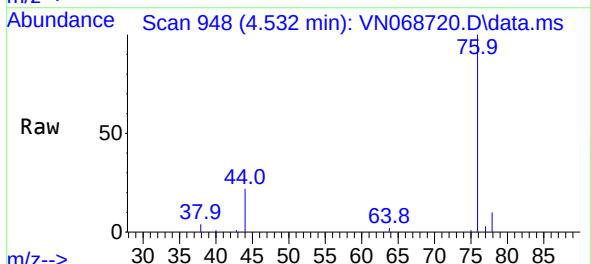
Tgt Ion: 58 Resp: 16426
Ion Ratio Lower Upper
58 100
43 313.2 256.6 384.8

Manual Integrations
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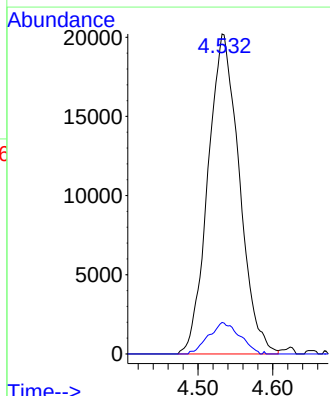
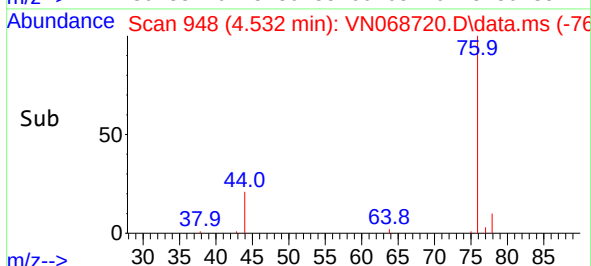
MMDadoda
9/30/2021 12:17:23 PM

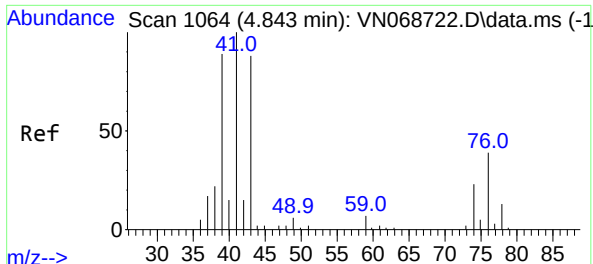


#16
Carbon Disulfide
Concen: 5.017 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion: 76 Resp: 58862
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8





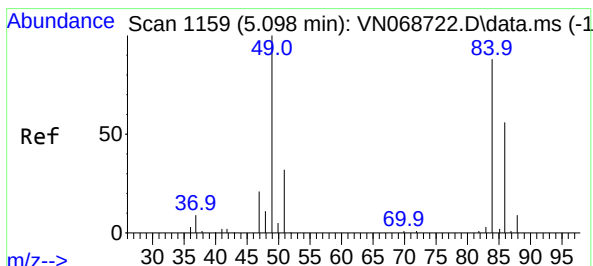
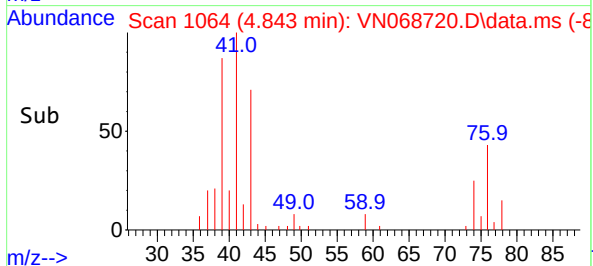
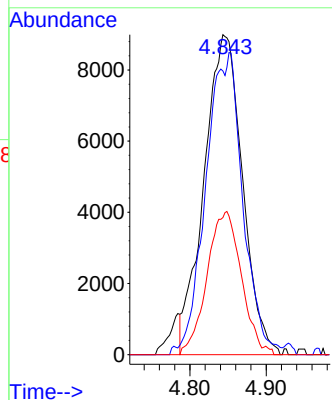
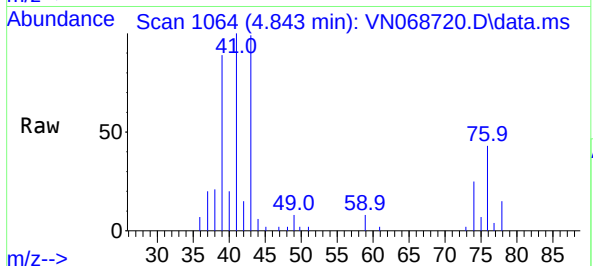
#17
Allyl chloride
Concen: 3.931 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:	41	Resp:	31548
Ion	Ratio	Lower	Upper
41	100		
39	86.4	44.6	134.0
76	42.8	19.6	58.7

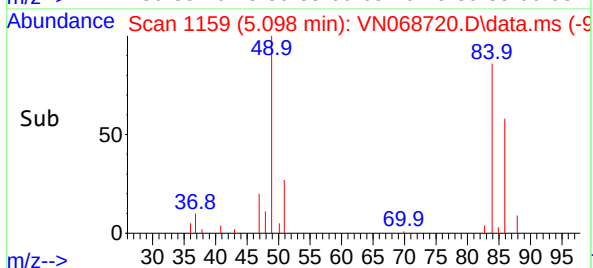
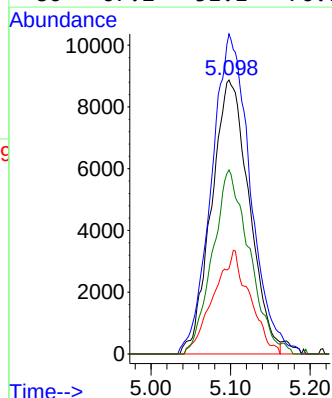
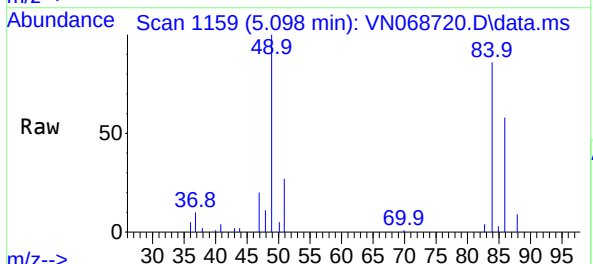
Manual Integrations
APPROVED

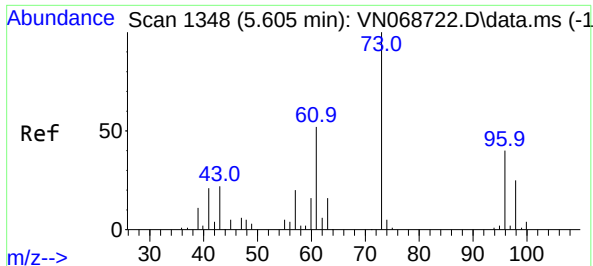
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#18
Methylene Chloride
Concen: 5.664 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	84	Resp:	29164
Ion	Ratio	Lower	Upper
84	100		
49	114.9	91.4	137.0
51	31.2	29.4	44.0
86	67.2	51.1	76.7





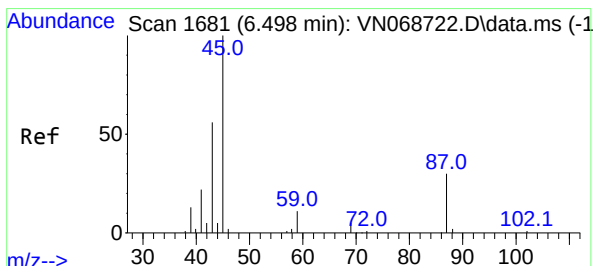
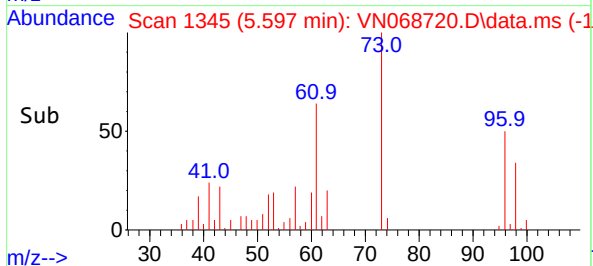
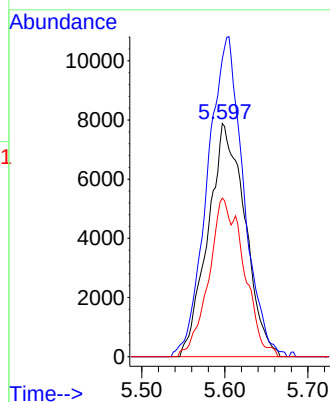
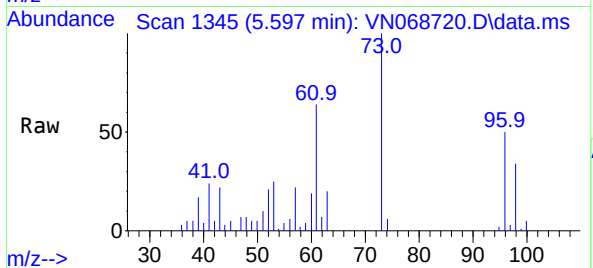
#19
trans-1,2-Dichloroethene
Concen: 5.227 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.008 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	96	Resp:	24401
Ion	Ratio	Lower	Upper
96	100		
61	125.5	102.8	154.2
98	68.1	49.3	73.9

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

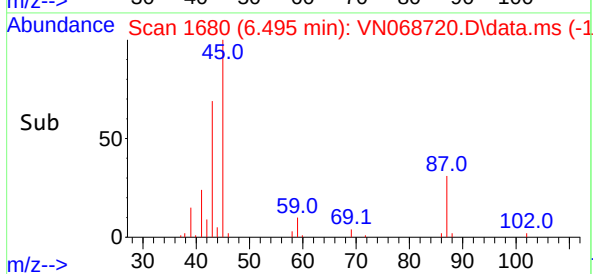
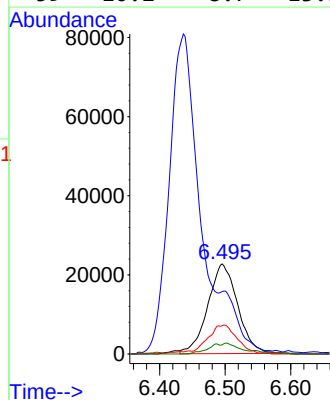
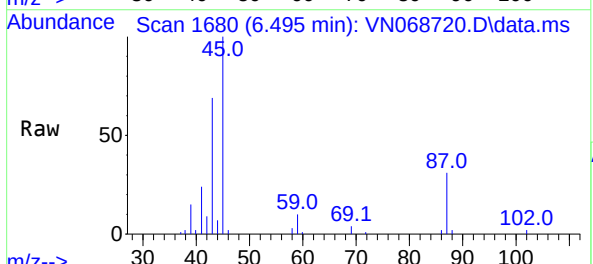
Manual Integrations
APPROVED

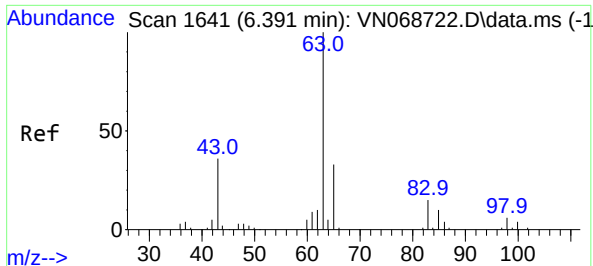
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#20
Diisopropyl ether
Concen: 4.108 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	45	Resp:	71552
Ion	Ratio	Lower	Upper
45	100		
43	67.0	51.0	76.4
87	31.5	25.0	37.4
59	10.2	8.7	13.1





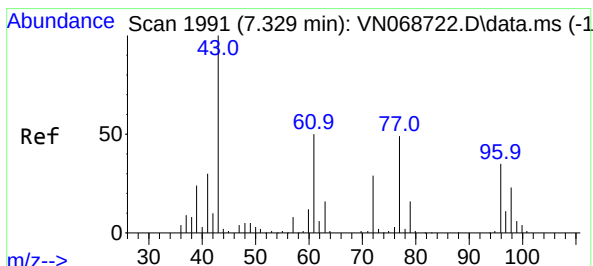
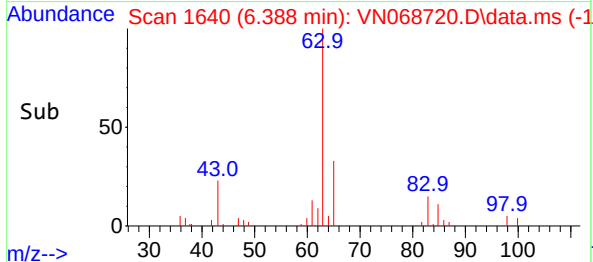
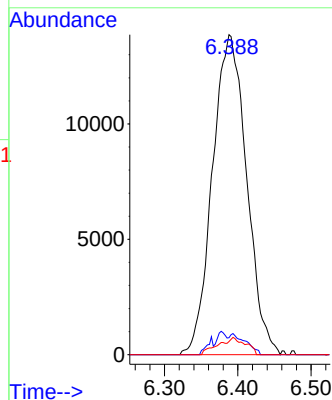
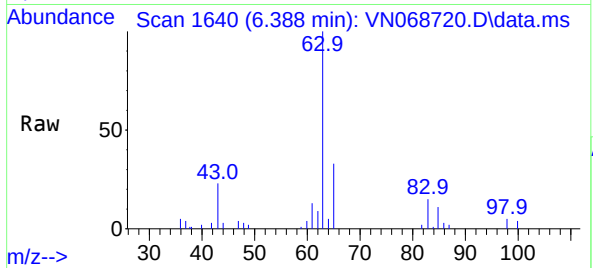
#21
1,1-Dichloroethane
Concen: 4.811 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	63	Resp:	44873
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.2	9.6
100	4.1	2.1	6.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

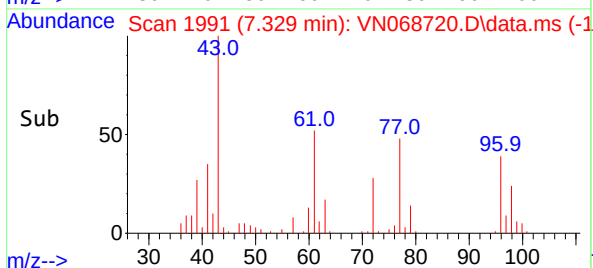
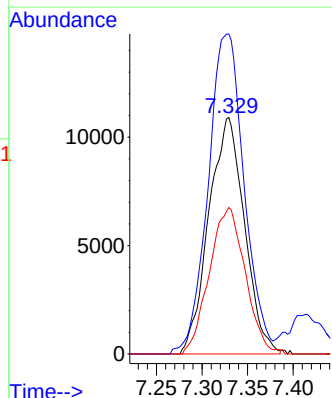
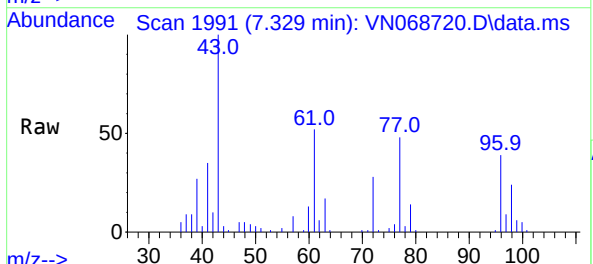
Manual Integrations
APPROVED

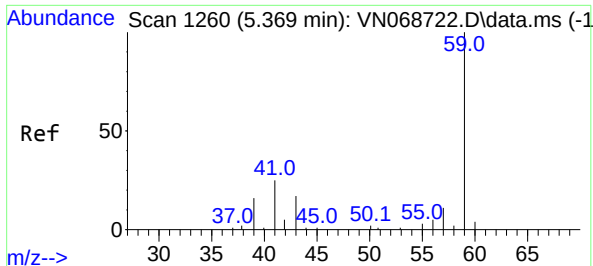
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#22
cis-1,2-Dichloroethene
Concen: 5.273 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	96	Resp:	29675
Ion	Ratio	Lower	Upper
96	100		
61	136.6	115.7	173.5
98	62.1	51.6	77.4





#23

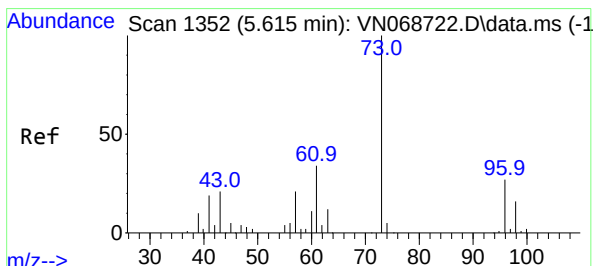
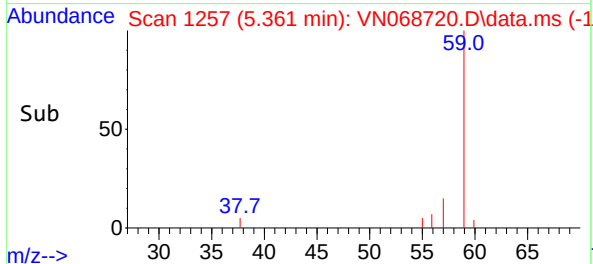
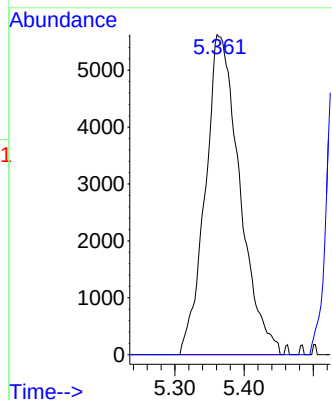
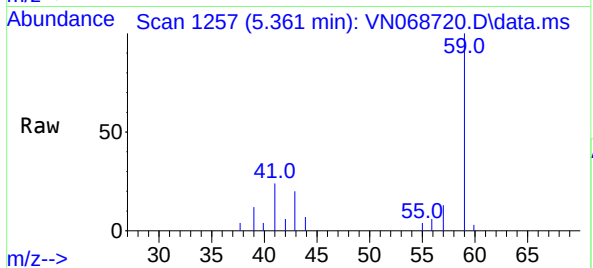
tert-Butyl Alcohol
Concen: 22.111 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.008 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

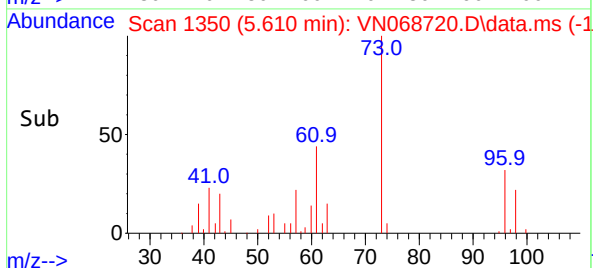
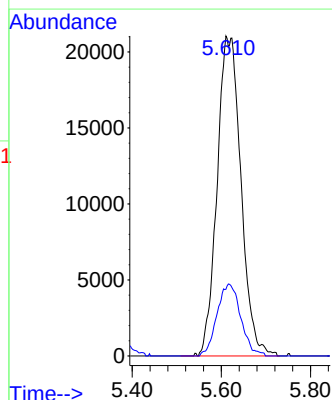
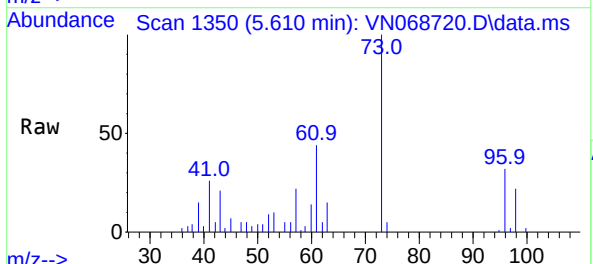
MMDadoda
9/30/2021 12:17:23 PM

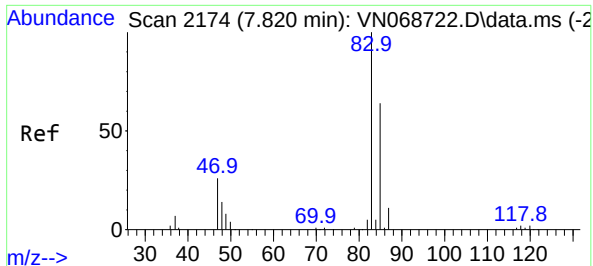


#24

Methyl tert-Butyl Ether
Concen: 4.816 ug/l m
RT: 5.610 min Scan# 1350
Delta R.T. -0.005 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	8.3	18.1	27.1#





#25

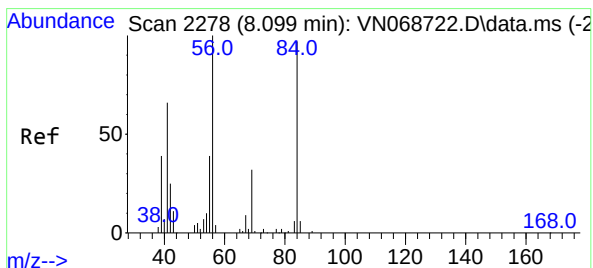
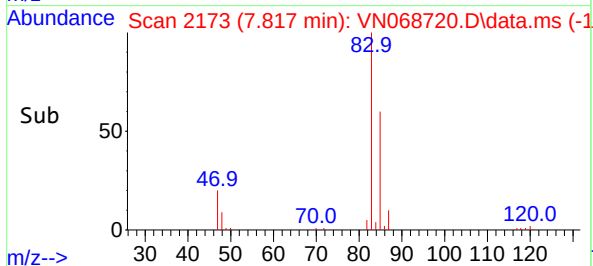
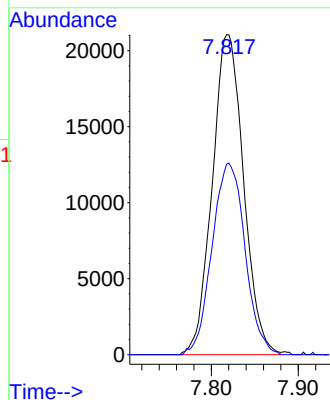
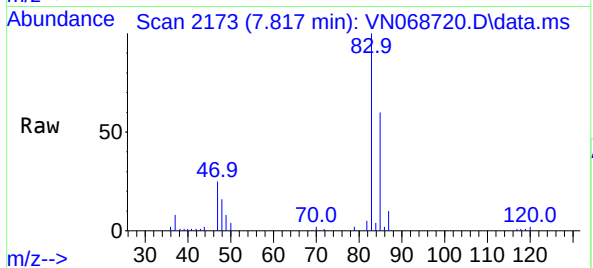
Chloroform
Concen: 5.037 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 83 Resp: 52784
Ion Ratio Lower Upper
83 100
85 59.5 51.3 76.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

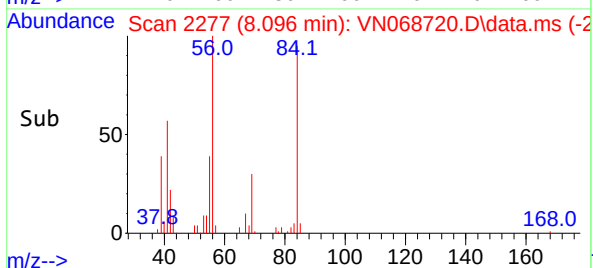
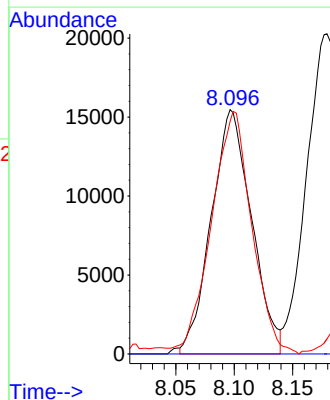
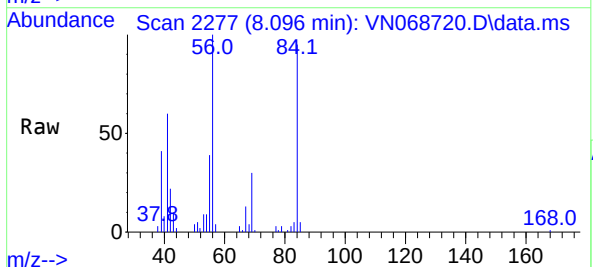
MMDadoda
9/30/2021 12:17:23 PM

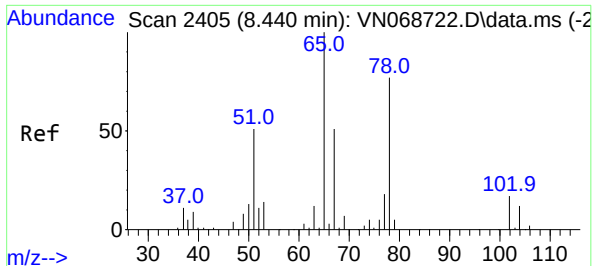


#26

Cyclohexane
Concen: 4.306 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 56 Resp: 37096
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 99.8 74.6 111.8





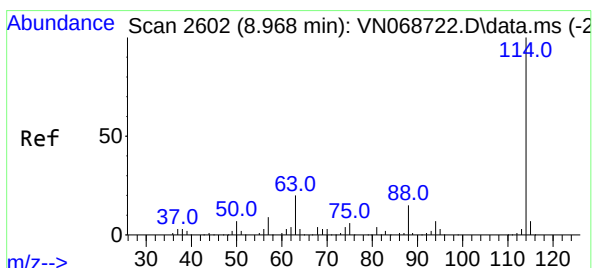
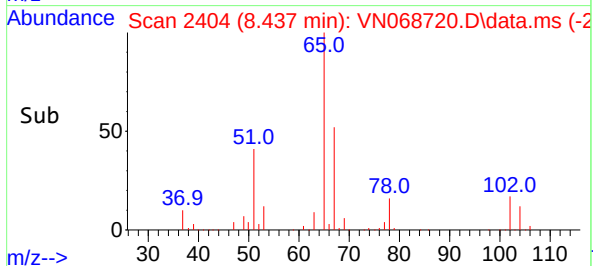
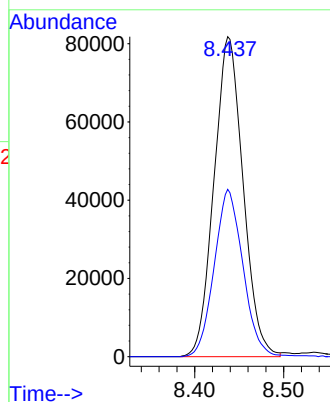
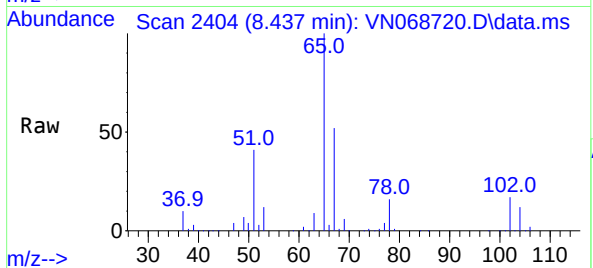
#27
1,2-Dichloroethane-d4
Concen: 26.497 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 65 Resp: 185658
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

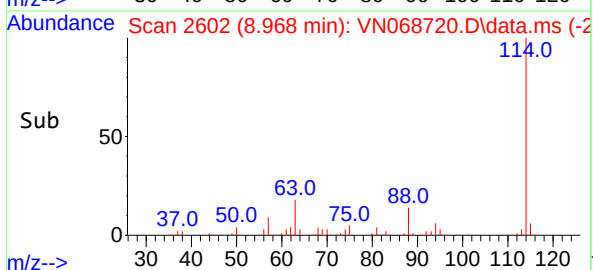
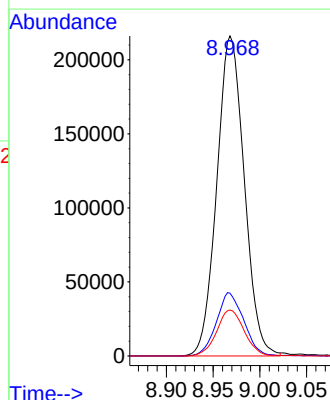
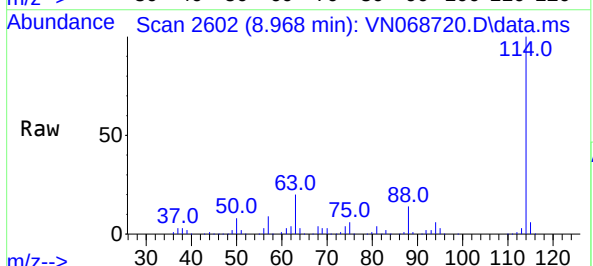
Manual Integrations
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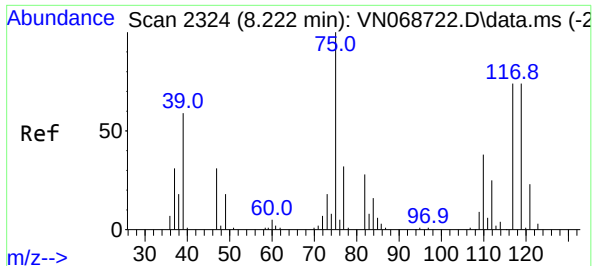
MMDadoda
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 114 Resp: 442104
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 14.4 11.6 17.4





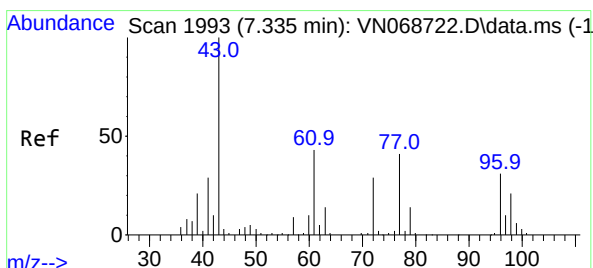
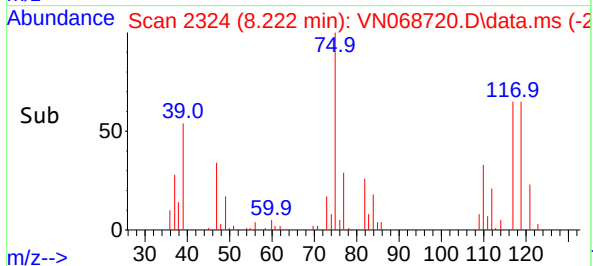
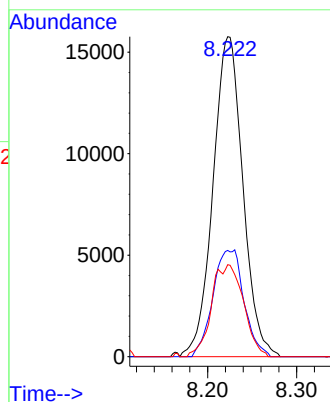
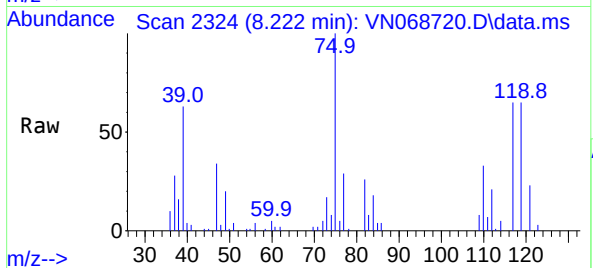
#29
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	75	Resp:	36752
Ion	Ratio	Lower	Upper
75	100		
110	19.9	0.0	74.2
77	12.4	0.0	63.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

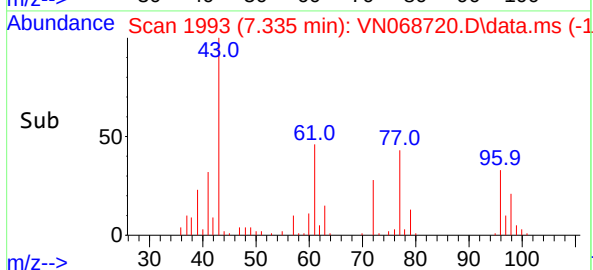
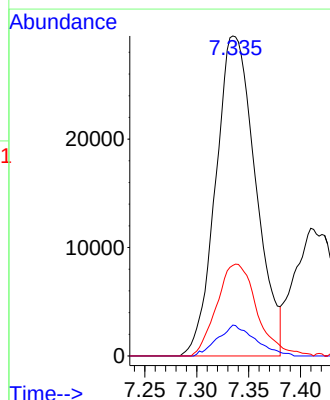
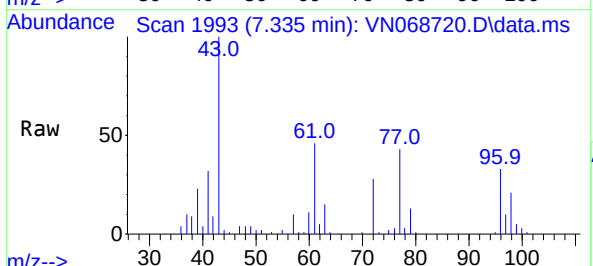
Manual Integrations
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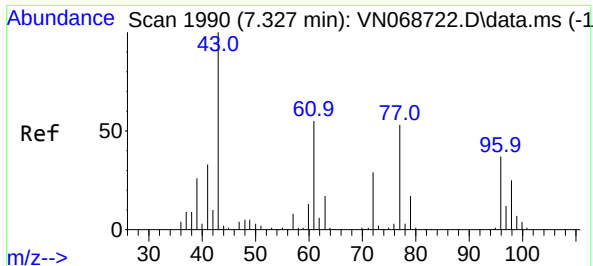
MMDadoda
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#30
2-Butanone
Concen: 20.397 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	43	Resp:	78947
Ion	Ratio	Lower	Upper
43	100		
57	9.1	6.7	10.1
72	29.0	23.2	34.8





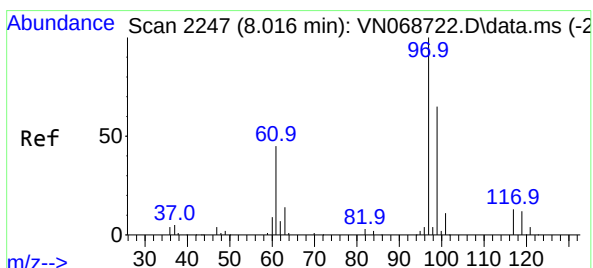
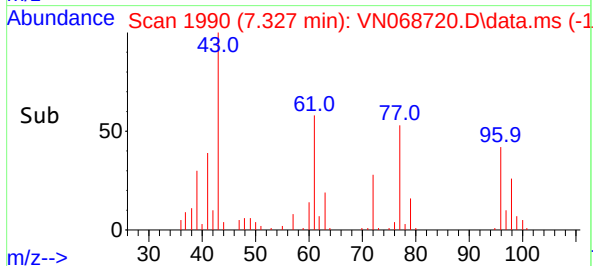
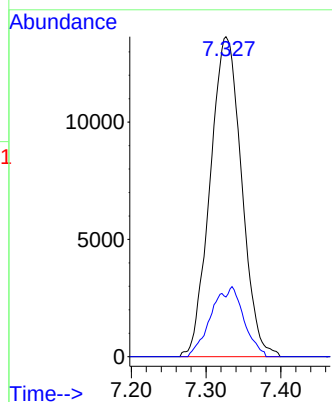
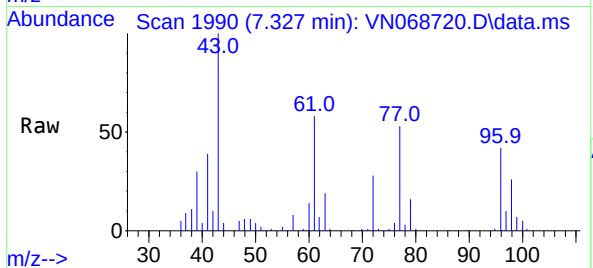
#31
2,2-Dichloropropane
Concen: 4.697 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 77 Resp: 39923
Ion Ratio Lower Upper
77 100
97 11.2 18.3 27.5#

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

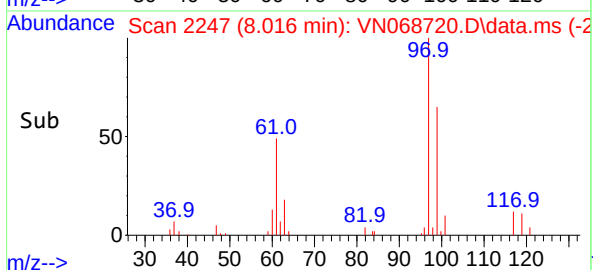
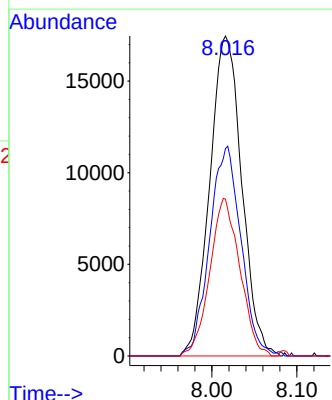
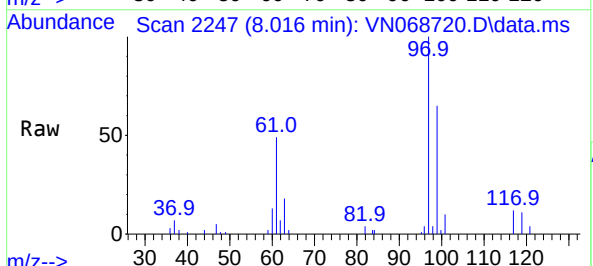
Manual Integrations
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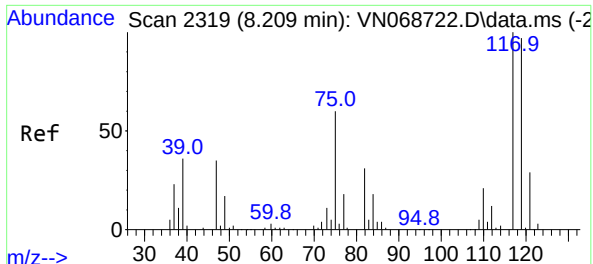
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#32
1,1,1-Trichloroethane
Concen: 4.702 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 97 Resp: 45689
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 46.3 34.6 51.8





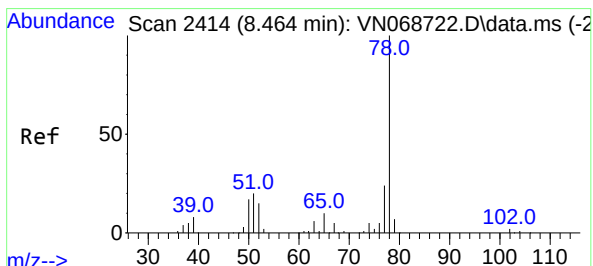
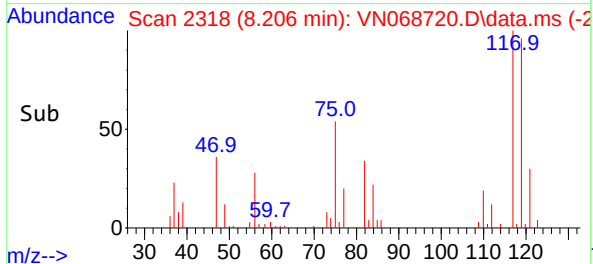
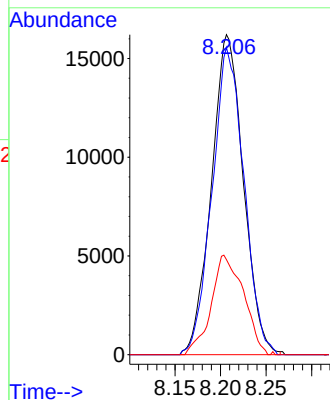
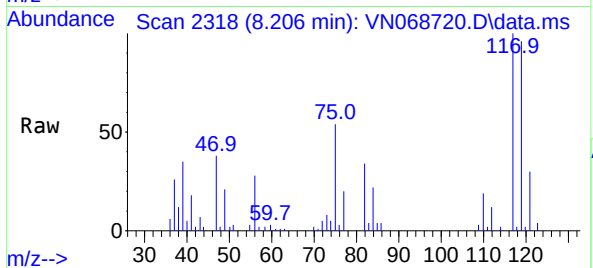
#33
Carbon Tetrachloride
Concen: 4.349 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	117	Resp:	39523
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.5	116.3
121	29.7	23.5	35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

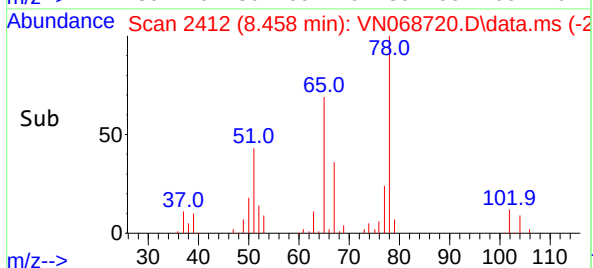
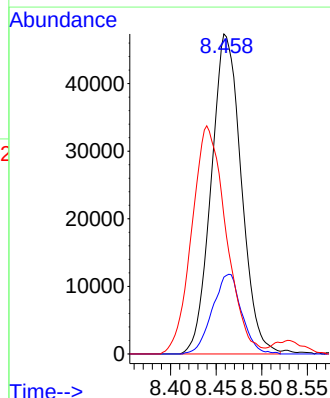
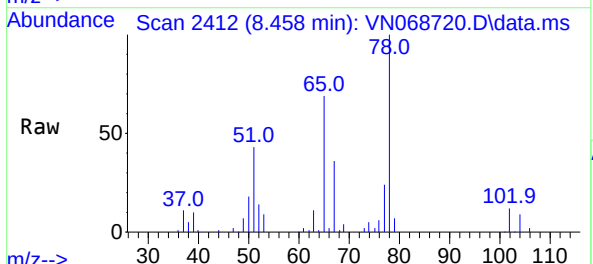
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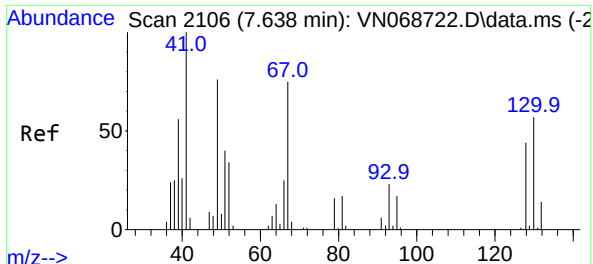
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#34
Benzene
Concen: 4.762 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.005 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	78	Resp:	108301
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7
51	39.7	16.0	24.0#





#35
Methacrylonitrile
Concen: 4.024 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

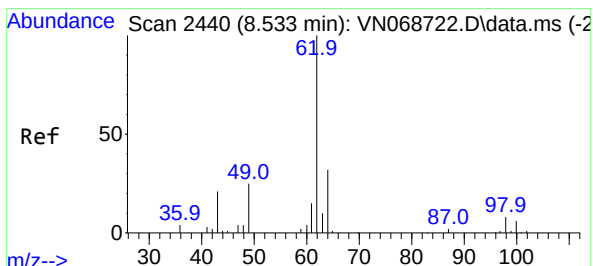
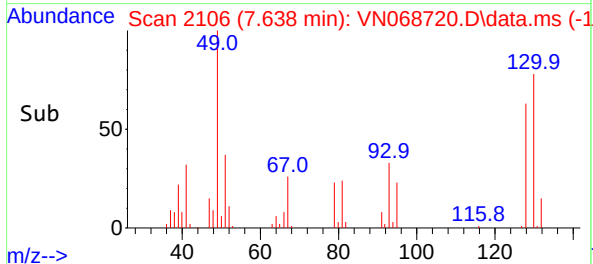
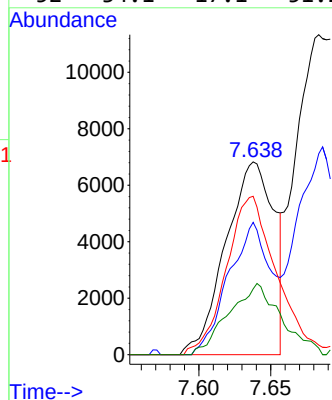
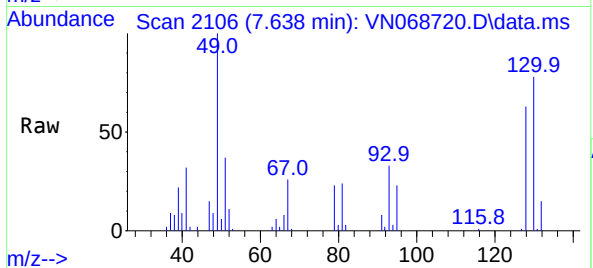
Tgt Ion: 41 Resp: 15914

Ion	Ratio	Lower	Upper
41	100		
39	68.6	28.0	83.9
67	82.1	37.7	113.1
52	34.1	17.1	51.2

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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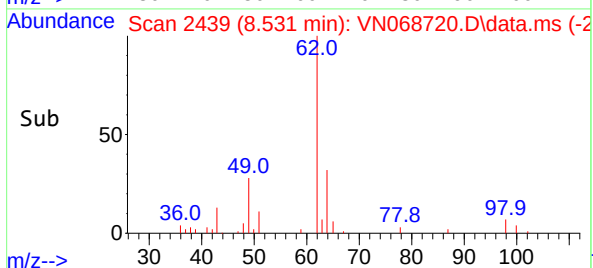
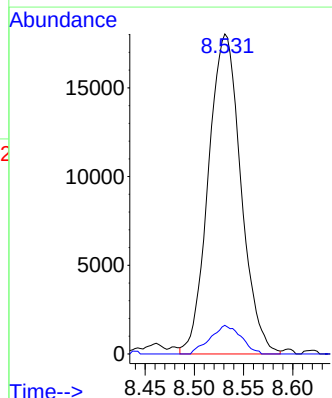
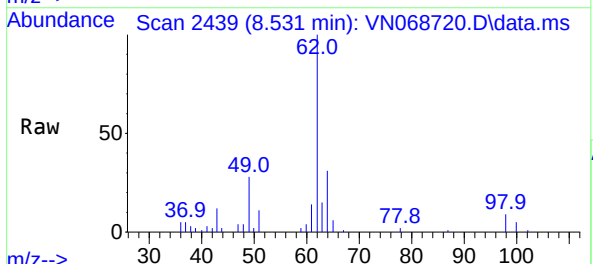
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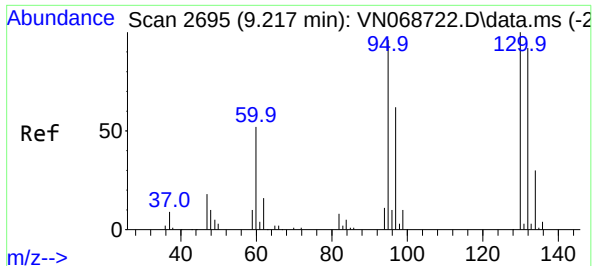


#36
1,2-Dichloroethane
Concen: 4.720 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 62 Resp: 41524

Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.6	10.0





#37

Trichloroethene

Concen: 4.971 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN068720.D

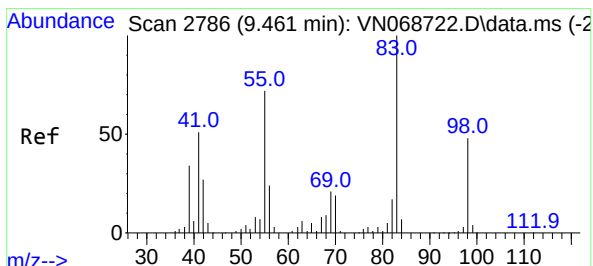
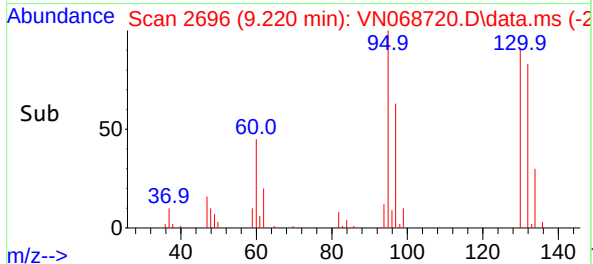
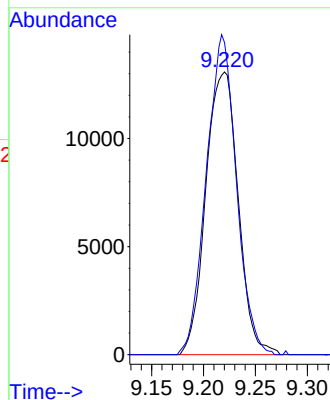
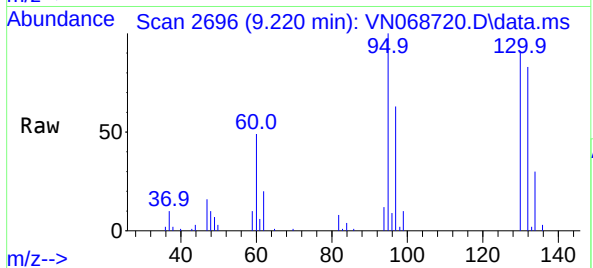
Acq: 28 Sep 2021 14:43

Tgt Ion:130 Resp: 28382

Ion Ratio Lower Upper

130 100

95 110.4 76.6 115.0



#38

Methylcyclohexane

Concen: 4.071 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068720.D

Acq: 28 Sep 2021 14:43

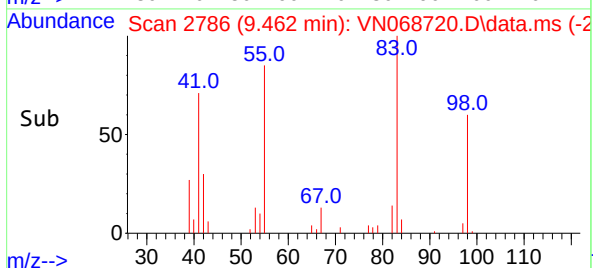
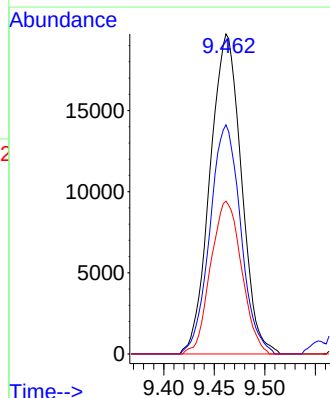
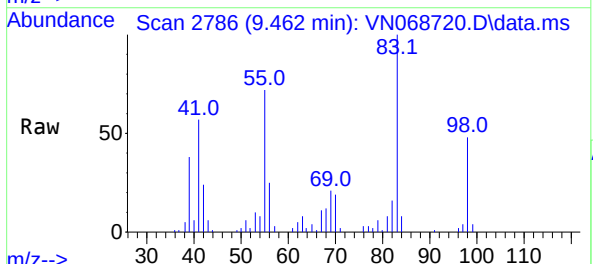
Tgt Ion: 83 Resp: 42525

Ion Ratio Lower Upper

83 100

55 70.6 35.1 105.3

98 47.1 23.4 70.2



Instrument :

MSVOA_N

ClientSampleId :

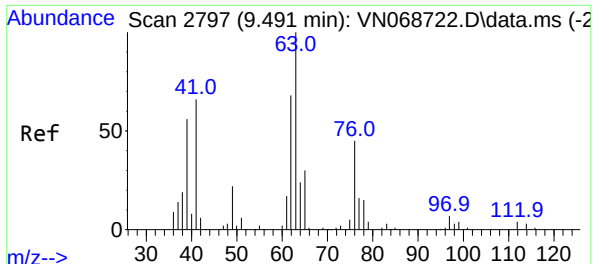
VSTDIC005

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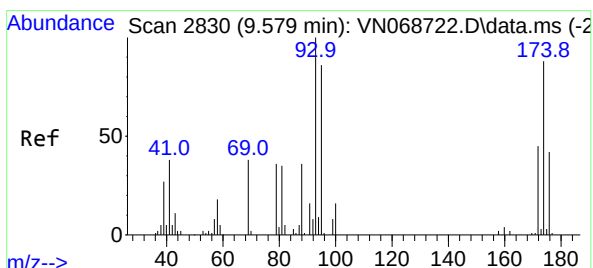
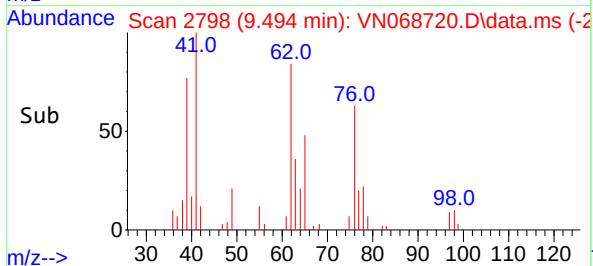
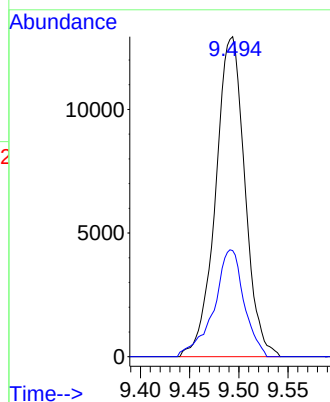
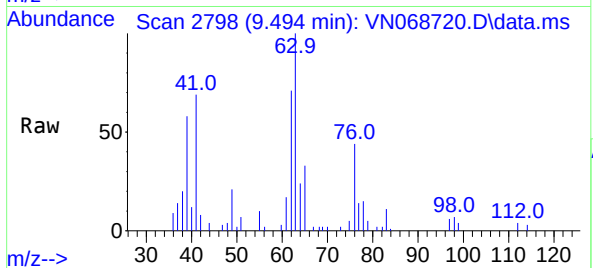
#39
1,2-Dichloropropane
Concen: 4.121 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 63 Resp: 26839
Ion Ratio Lower Upper
63 100
65 33.2 24.2 36.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

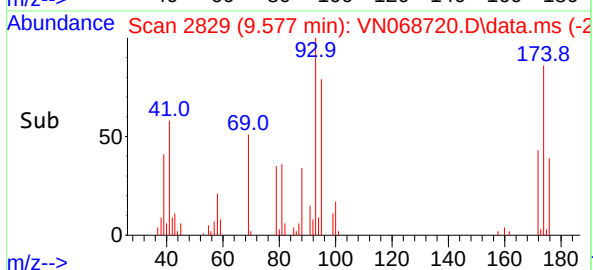
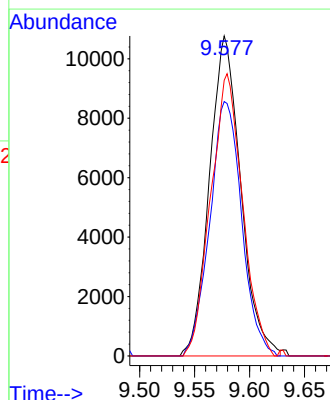
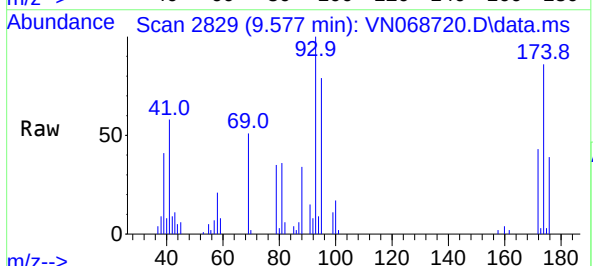
Manual Integrations
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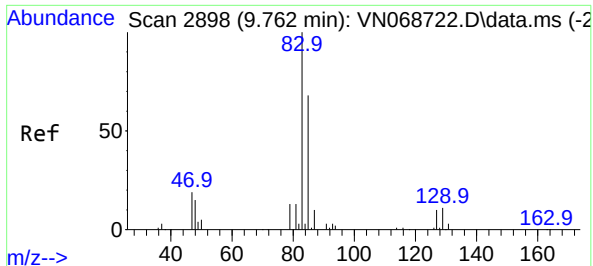
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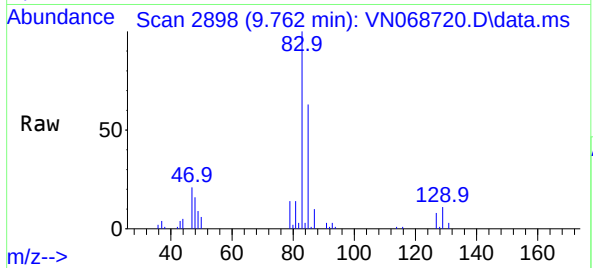
#40
Dibromomethane
Concen: 4.800 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 93 Resp: 21307
Ion Ratio Lower Upper
93 100
95 81.0 0.0 168.8
174 89.7 0.0 173.6

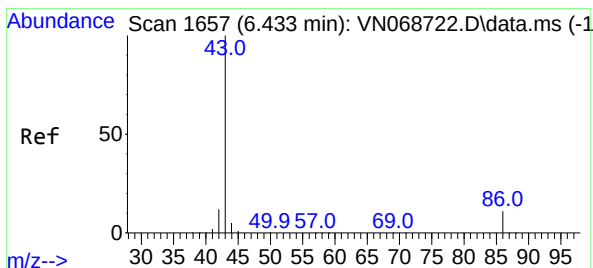
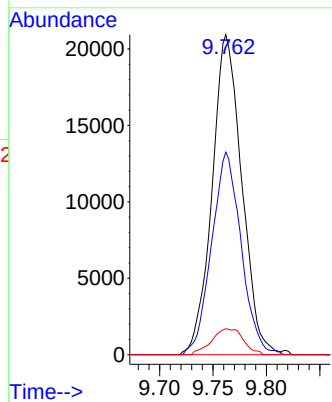
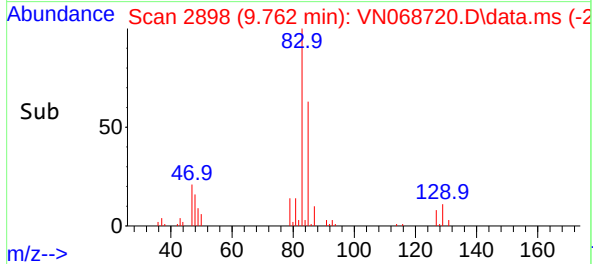




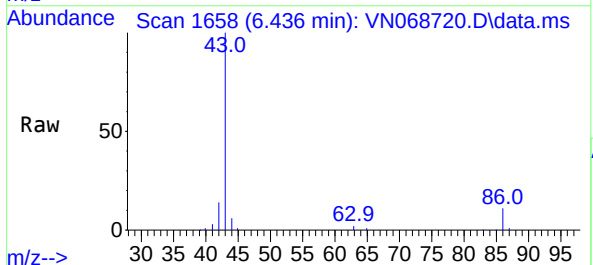
#41
Bromodichloromethane
Concen: 4.543 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



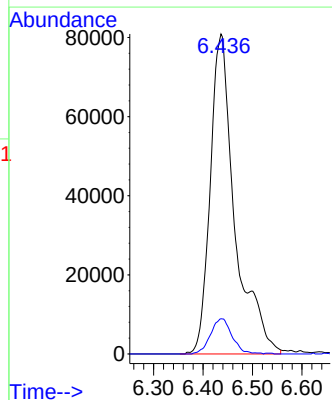
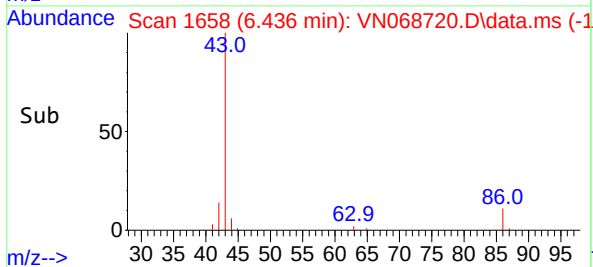
Tgt Ion: 83 Resp: 40449
Ion Ratio Lower Upper
83 100
85 63.3 54.1 81.1
127 8.1 7.6 11.4



#42
Vinyl Acetate
Concen: 19.995 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



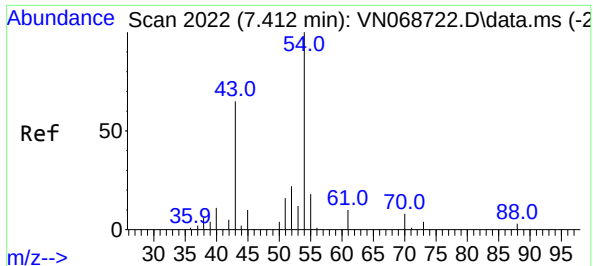
Tgt Ion: 43 Resp: 279728
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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#43

Ethyl Acetate

Concen: 4.472 ug/l m

RT: 7.410 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VN068720.D

Acq: 28 Sep 2021 14:43

Tgt Ion: 43 Resp: 33787

Ion Ratio Lower Upper

43 100

45 6.3 10.6 16.0#

Instrument :

MSVOA_N

ClientSampleId :

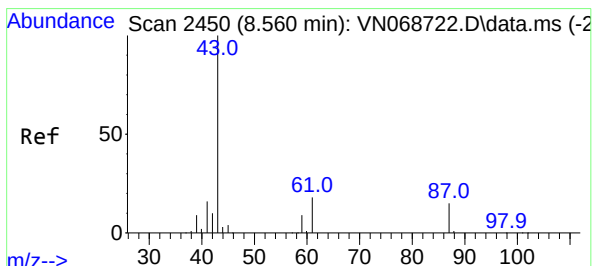
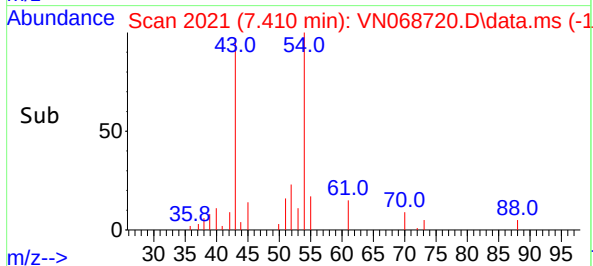
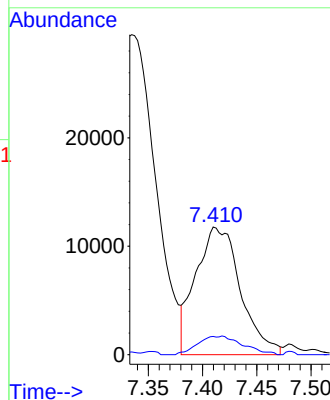
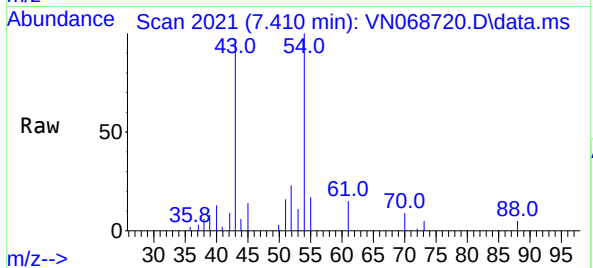
VSTDIC005

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#44

Isopropyl Acetate

Concen: 4.039 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN068720.D

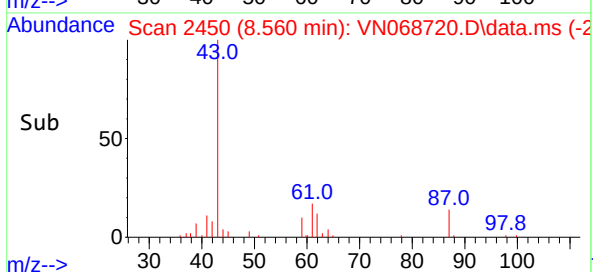
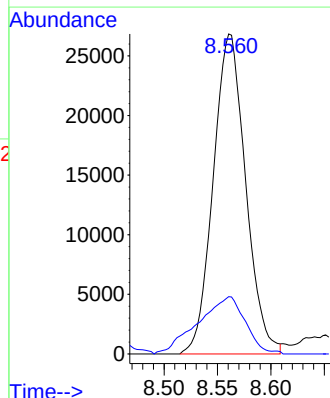
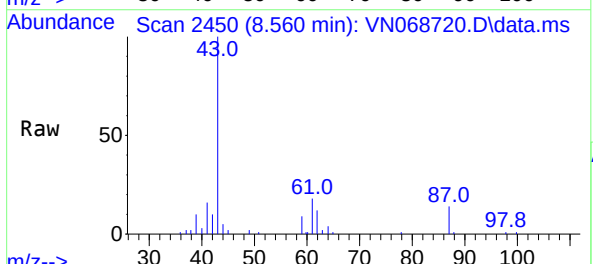
Acq: 28 Sep 2021 14:43

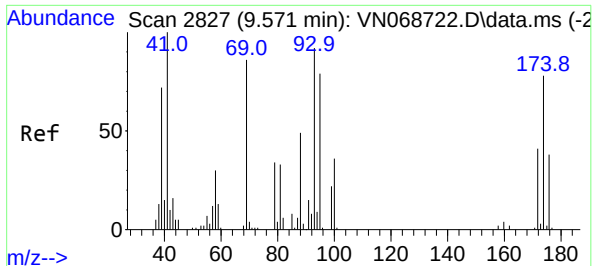
Tgt Ion: 43 Resp: 56675

Ion Ratio Lower Upper

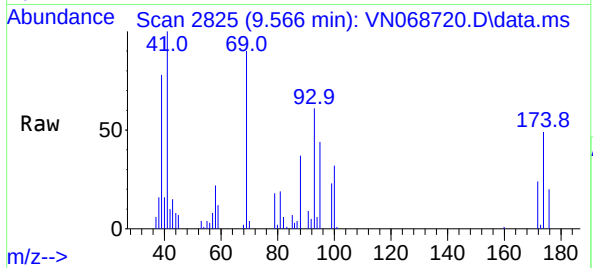
43 100

61 25.9 20.1 30.1

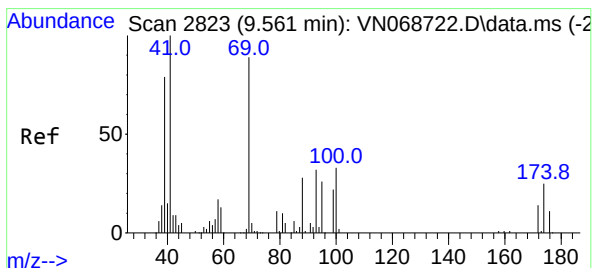
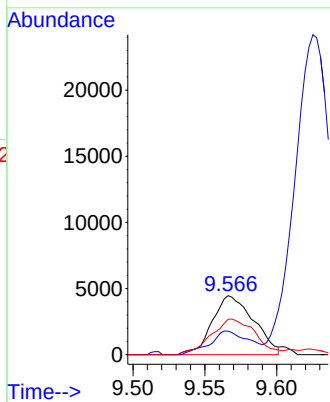
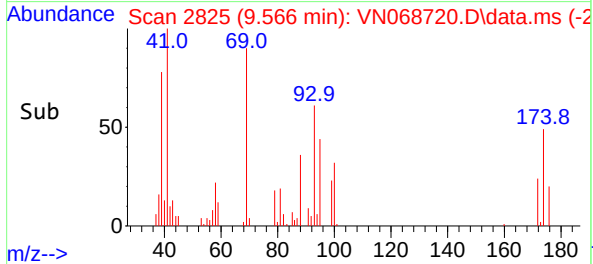




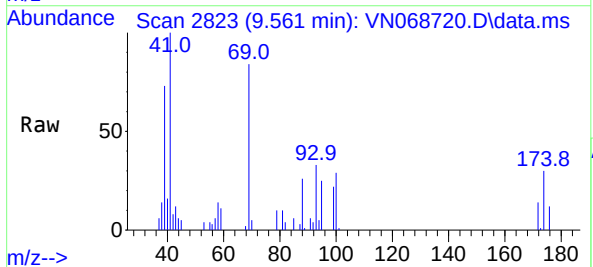
#45
1,4-Dioxane
Concen: 85.749 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.005 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



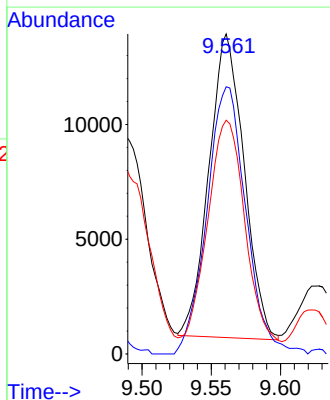
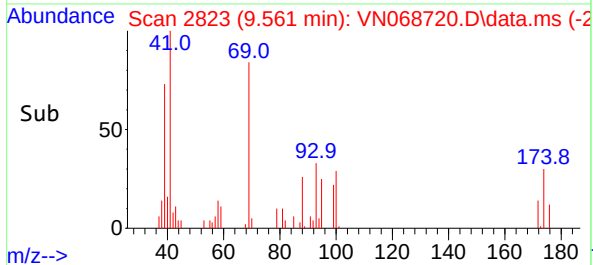
Tgt Ion: 88 Resp: 8932
Ion Ratio Lower Upper
88 100
43 37.9 25.0 37.6#
58 64.2 49.4 74.2



#46
Methyl methacrylate
Concen: 3.314 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



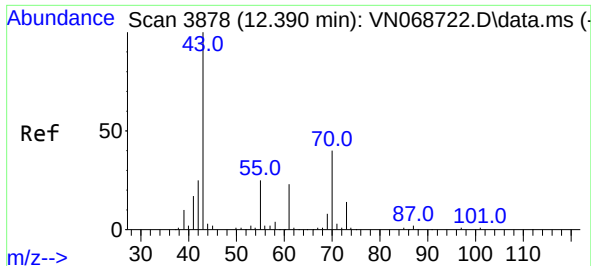
Tgt Ion: 41 Resp: 23344
Ion Ratio Lower Upper
41 100
69 86.9 44.4 133.2
39 73.0 39.9 119.6



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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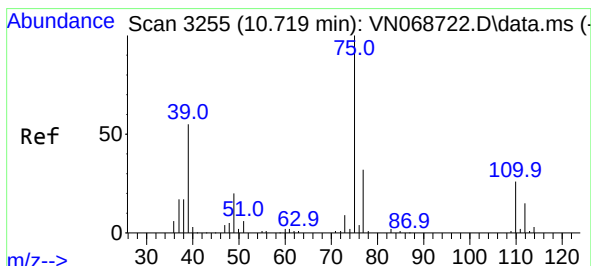
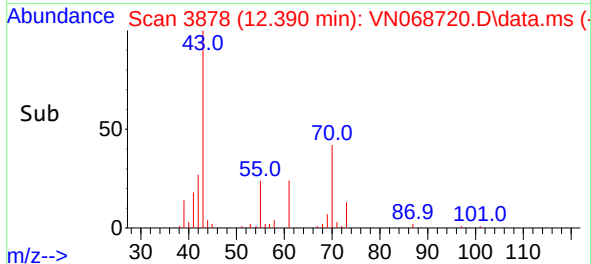
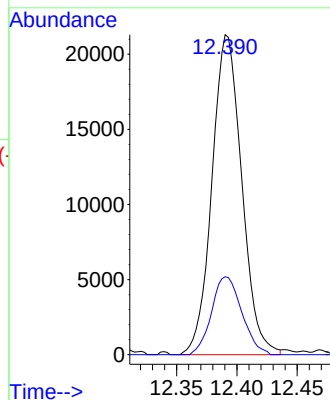
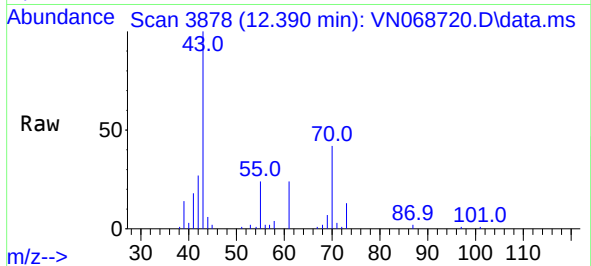
#47
n-amyl acetate
Concen: 2.769 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 43 Resp: 36601
Ion Ratio Lower Upper
43 100
55 24.7 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

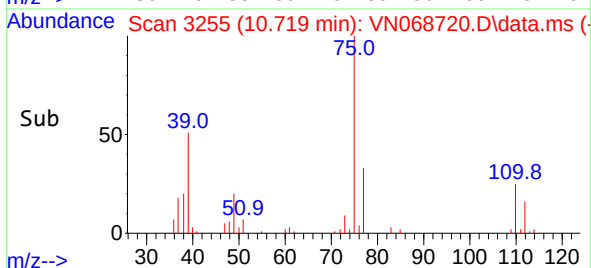
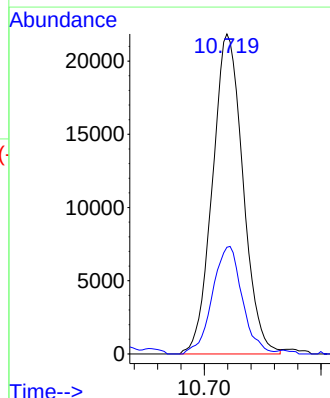
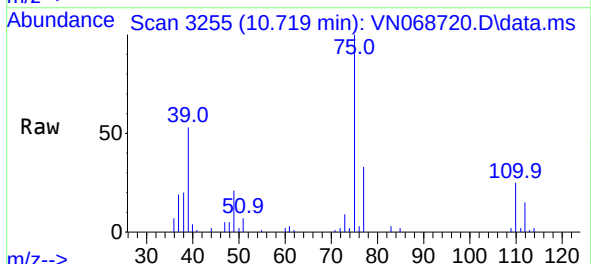
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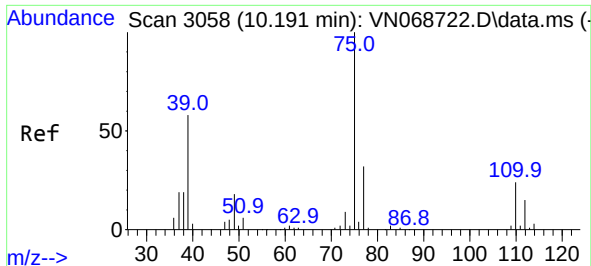
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#48
t-1,3-Dichloropropene
Concen: 4.042 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 75 Resp: 39602
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9





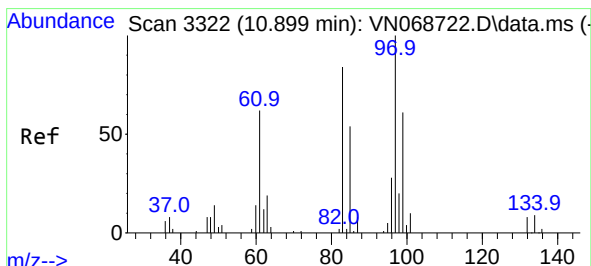
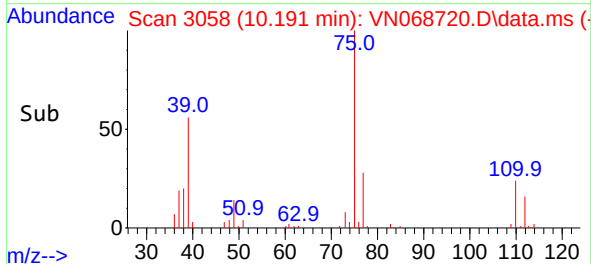
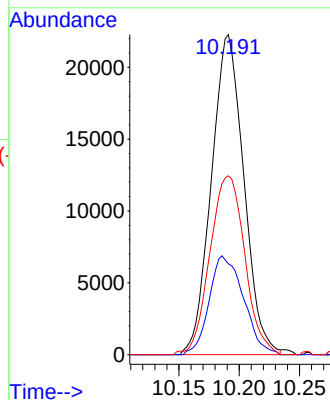
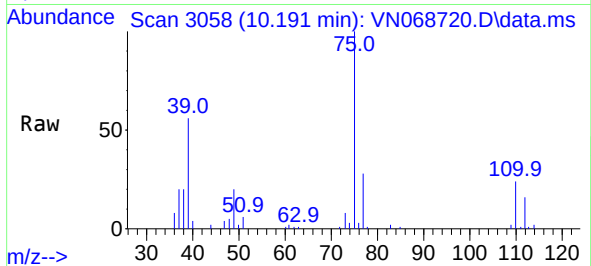
#49
cis-1,3-Dichloropropene
Concen: 4.158 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	75	Resp:	41651
Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.3	37.9
39	55.9	46.2	69.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

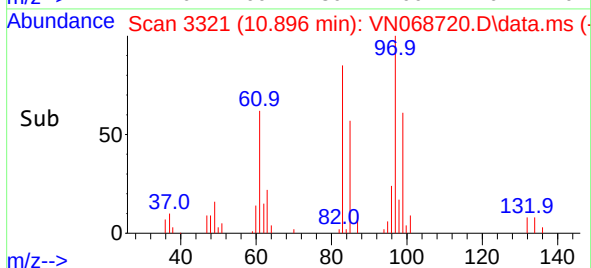
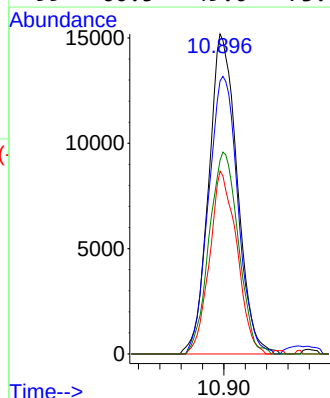
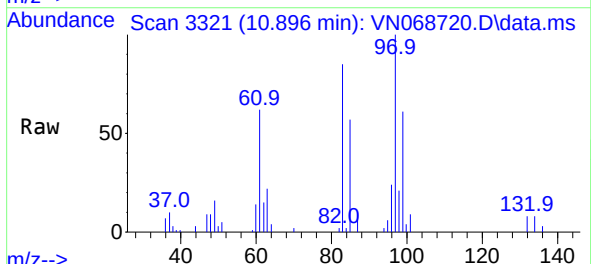
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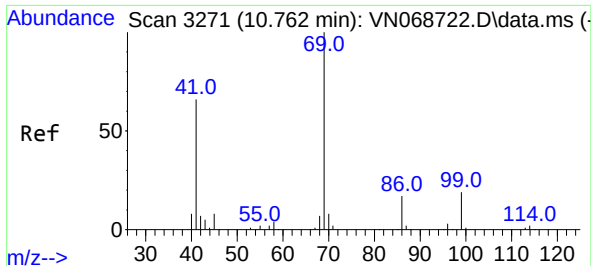
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#50
1,1,2-Trichloroethane
Concen: 4.583 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

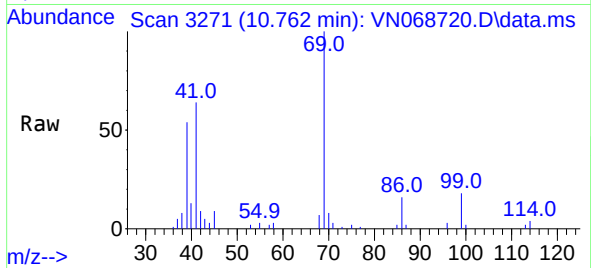
Tgt Ion:	97	Resp:	28070
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.2	100.8
85	57.1	43.0	64.4
99	60.5	49.0	73.4





#51
Ethyl methacrylate
Concen: 3.947 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

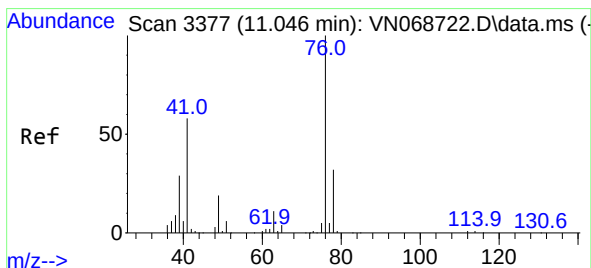
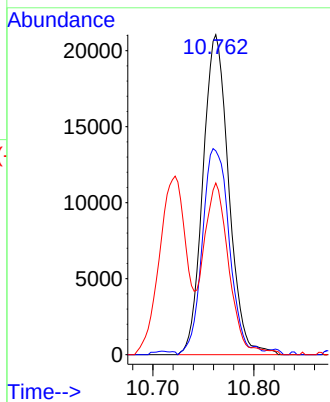
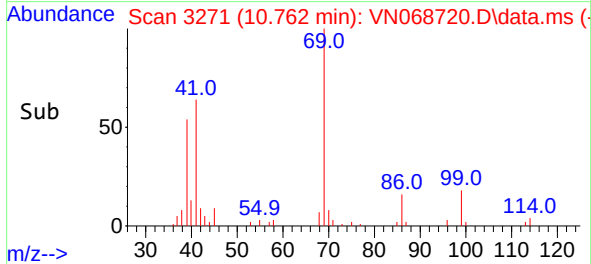
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



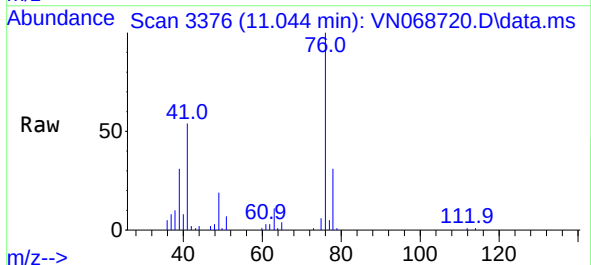
Tgt Ion: 69 Resp: 37464
Ion Ratio Lower Upper
69 100
41 63.7 33.0 98.9
39 52.8 25.4 76.4

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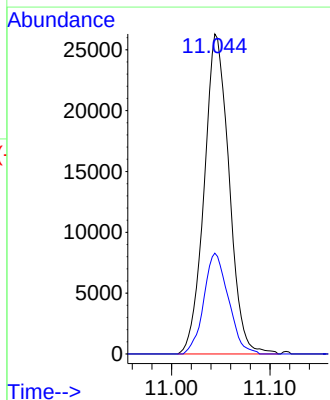
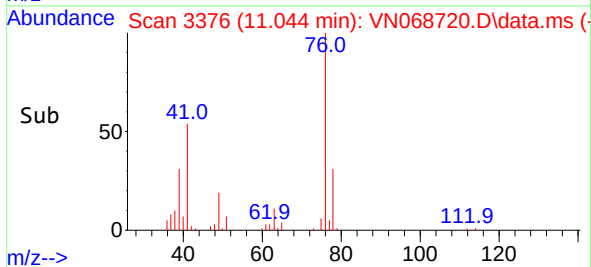
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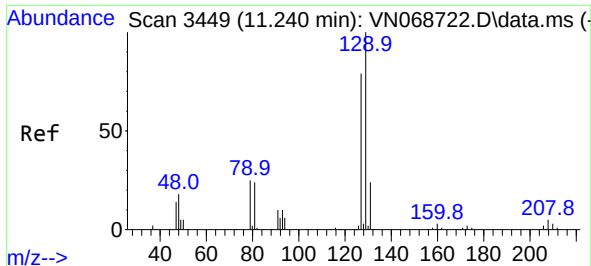


#52
1,3-Dichloropropane
Concen: 4.709 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion: 76 Resp: 46249
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.4





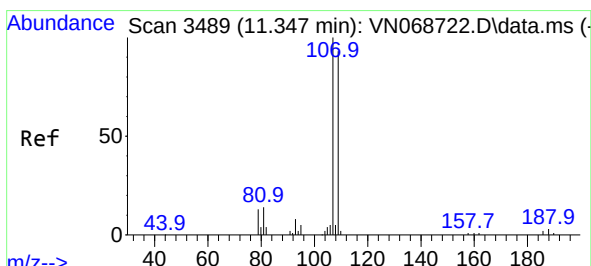
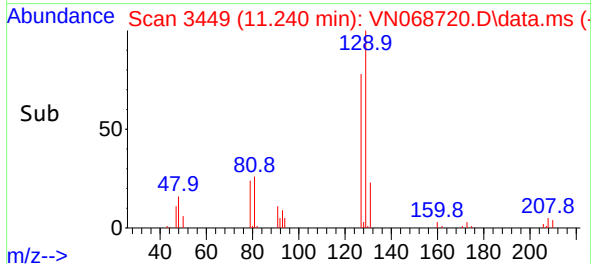
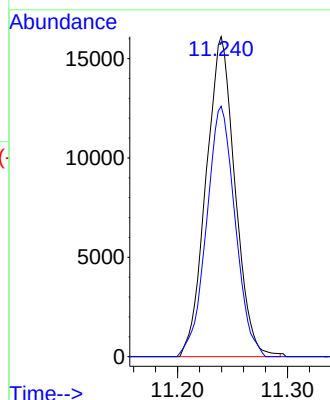
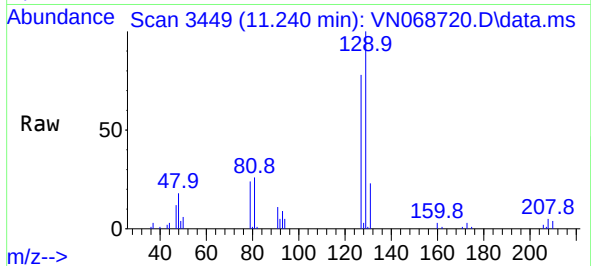
#53
Dibromochloromethane
Concen: 4.217 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 29513
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

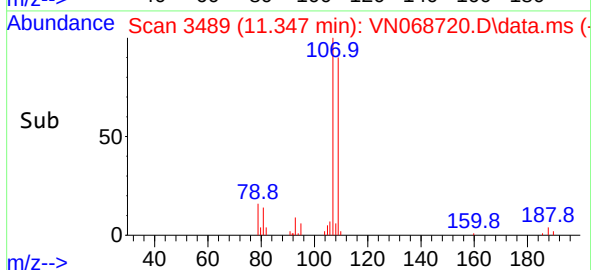
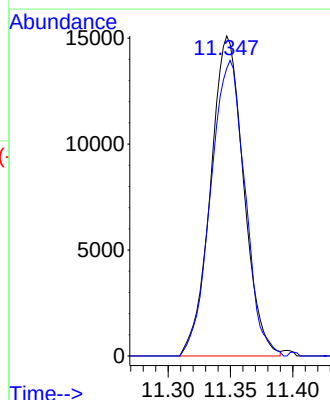
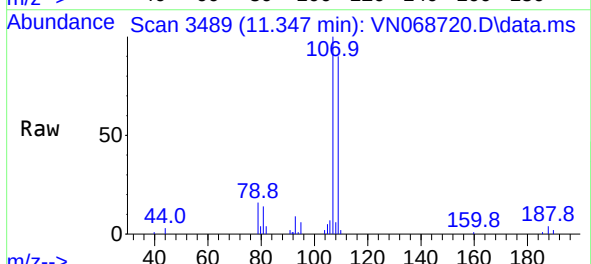
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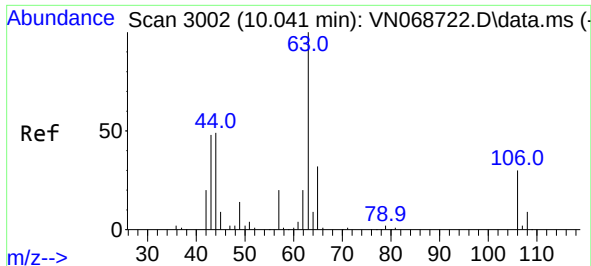
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#54
1,2-Dibromoethane
Concen: 4.365 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:107 Resp: 27812
Ion Ratio Lower Upper
107 100
109 95.8 72.8 109.2





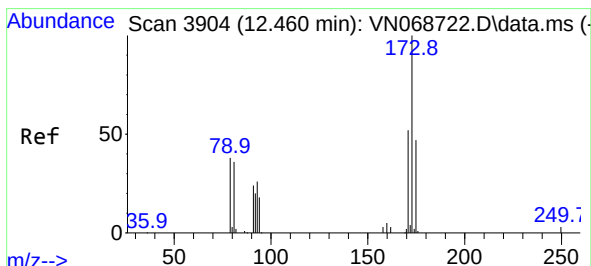
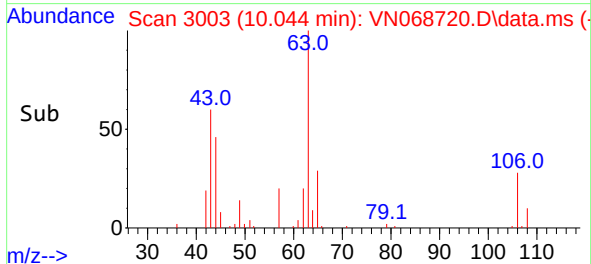
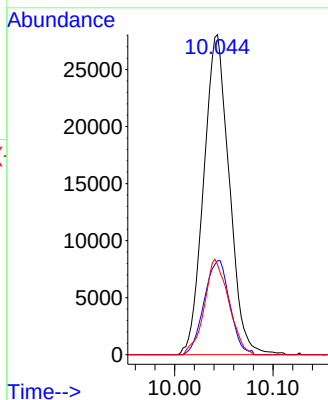
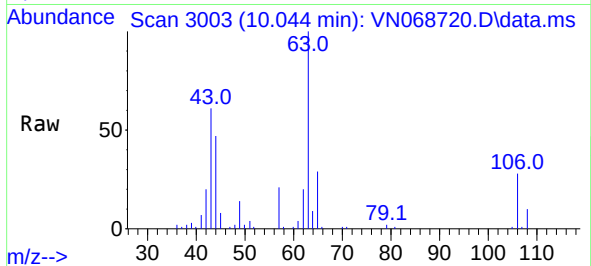
#55
2-Chloroethyl vinyl ether
Concen: 18.347 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	63	Resp:	50730
Ion Ratio	Lower	Upper	
63	100		
65	29.2	25.4	38.0
106	28.4	23.2	34.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

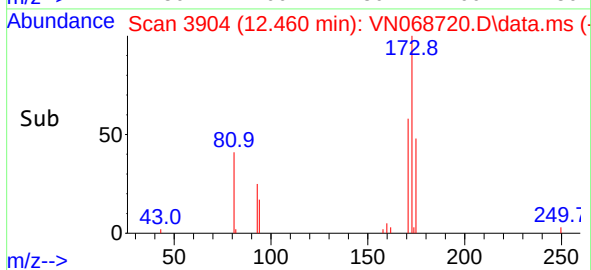
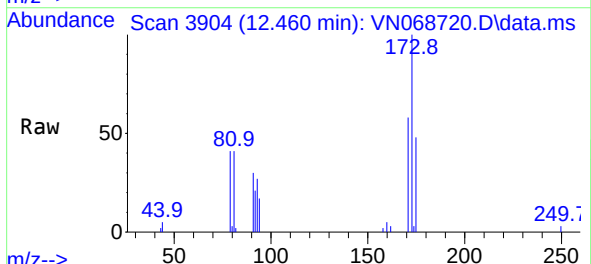
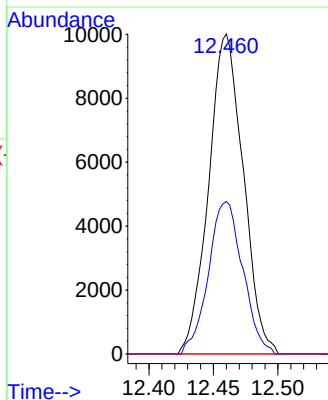
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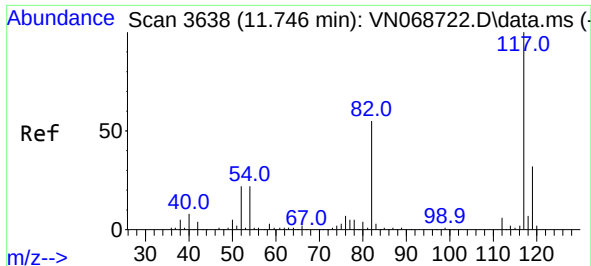
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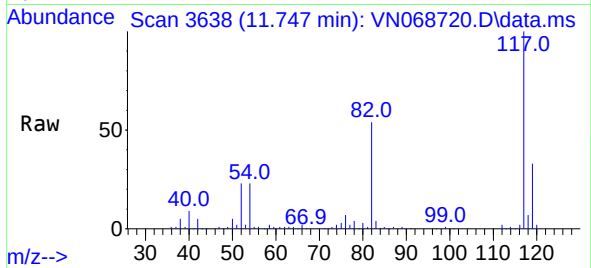
#56
Bromoform
Concen: 3.660 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:	173	Resp:	18686
Ion Ratio	Lower	Upper	
173	100		
175	47.3	38.6	58.0
254	0.0	0.0	0.0

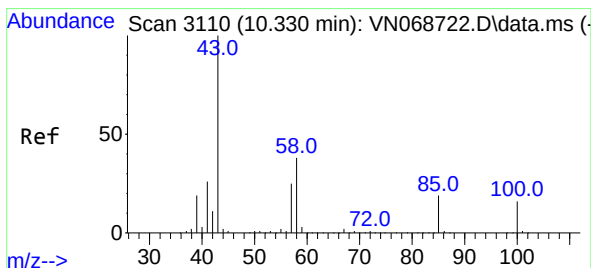
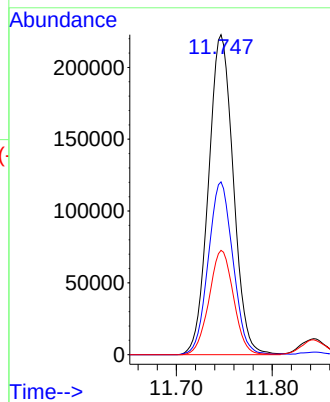
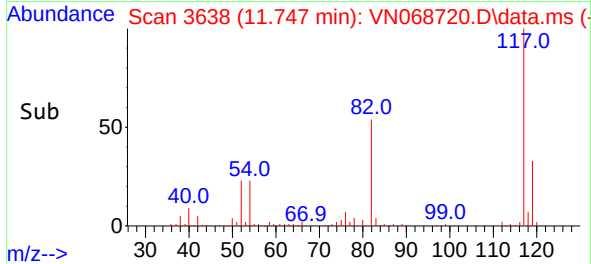




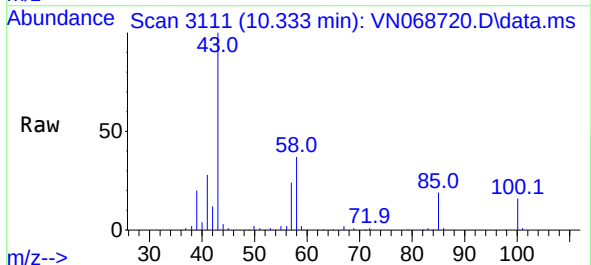
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



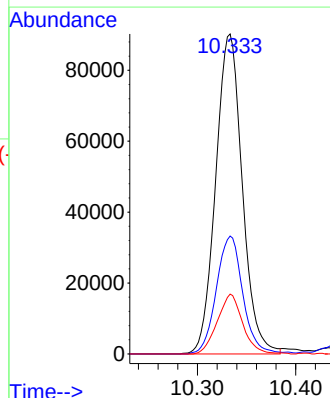
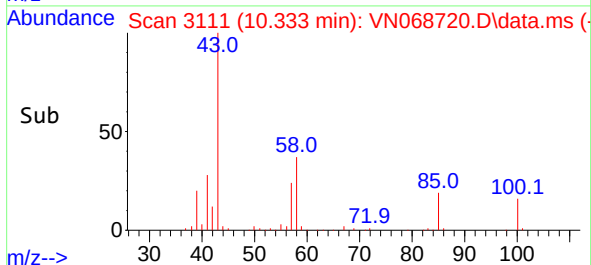
Tgt Ion: 117 Resp: 400334
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 20.466 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



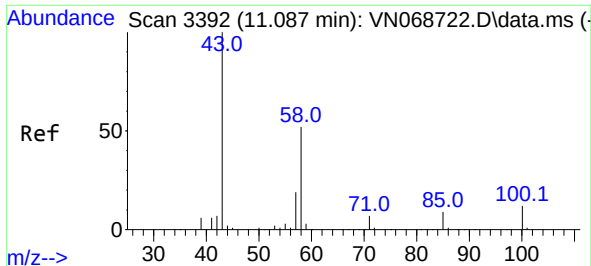
Tgt Ion: 43 Resp: 169811
Ion Ratio Lower Upper
43 100
58 36.6 30.0 45.0
85 17.8 15.0 22.6



Instrument :
MSVOA_N
ClientSampled :
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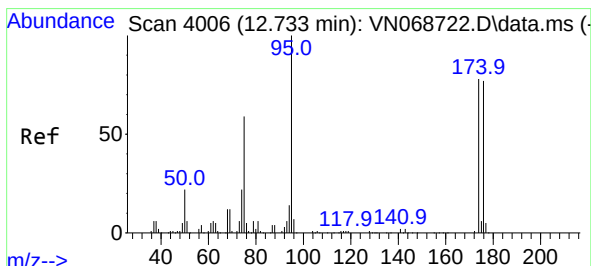
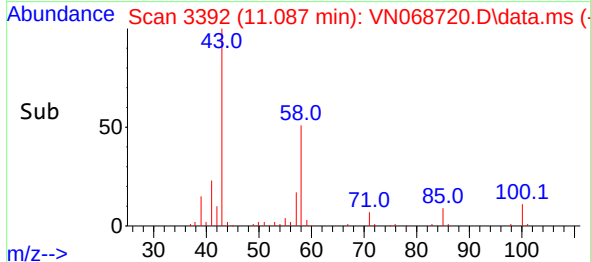
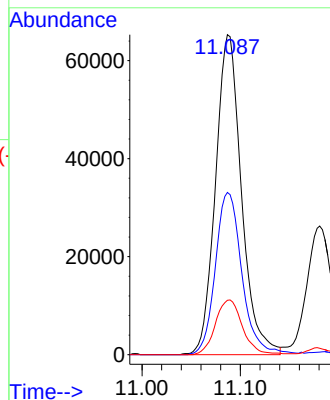
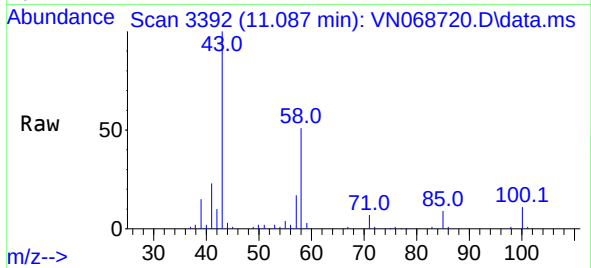
#59
2-Hexanone
Concen: 18.980 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 43 Resp: 119989
Ion Ratio Lower Upper
43 100
58 51.0 42.2 63.2
57 17.9 15.0 22.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

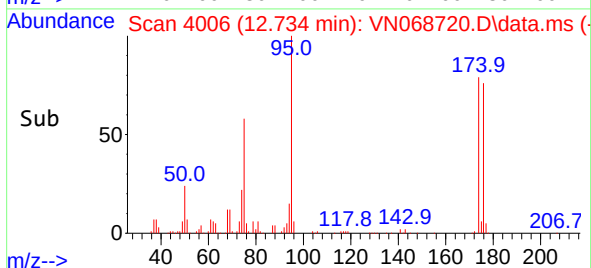
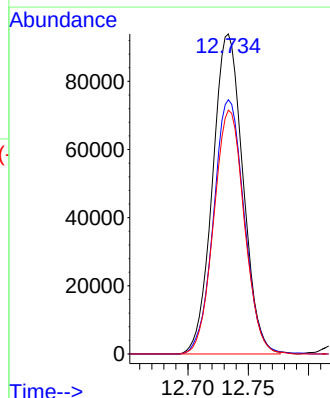
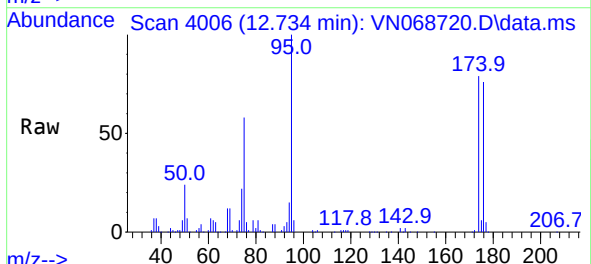
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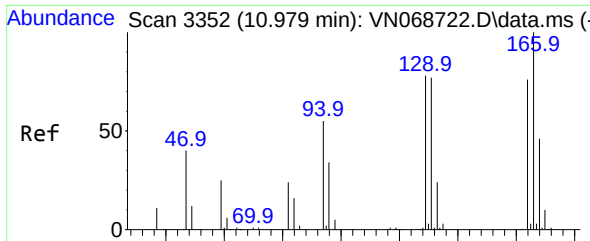
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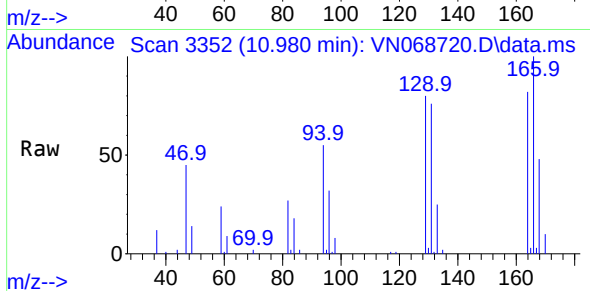
#60
4-Bromofluorobenzene
Concen: 23.205 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 95 Resp: 164350
Ion Ratio Lower Upper
95 100
174 80.3 62.9 94.3
176 76.7 61.0 91.4

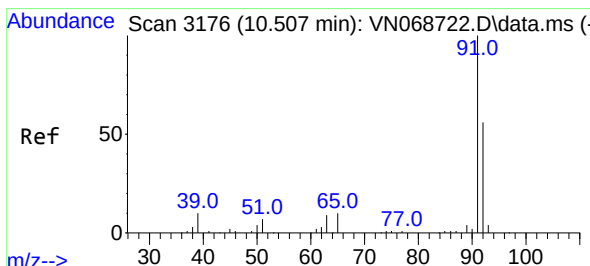
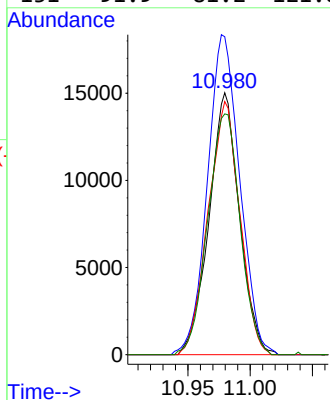
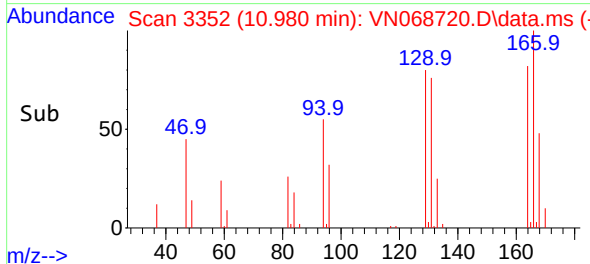




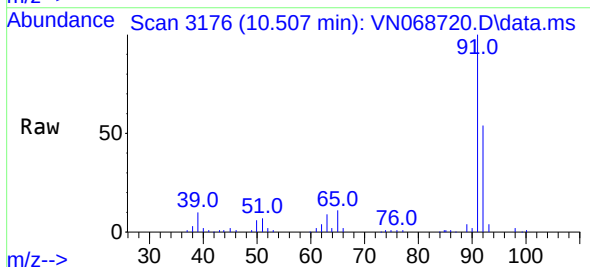
#61
Tetrachloroethene
Concen: 5.217 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



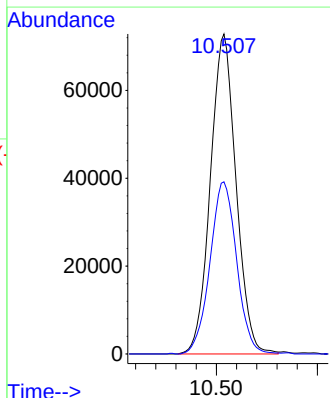
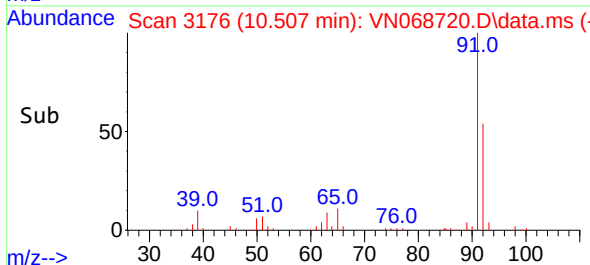
Tgt Ion:164 Resp: 25598
Ion Ratio Lower Upper
164 100
166 121.4 105.8 158.8
129 96.6 82.5 123.7
131 91.9 81.2 121.8



#62
Toluene
Concen: 5.020 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



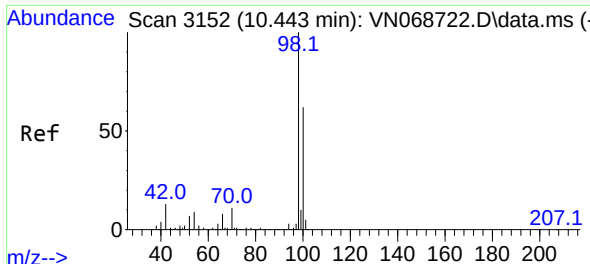
Tgt Ion: 91 Resp: 128434
Ion Ratio Lower Upper
91 100
92 55.9 44.6 67.0



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

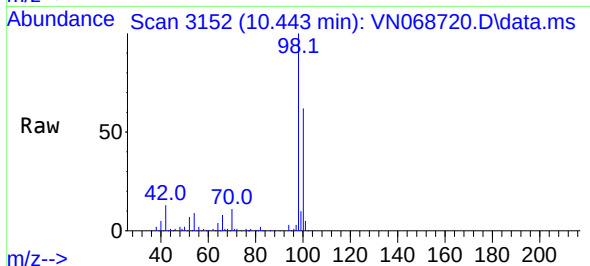
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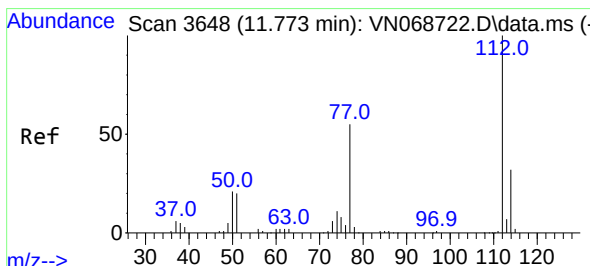
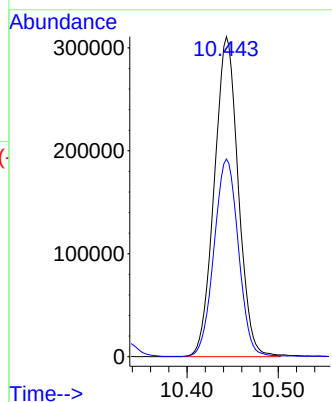
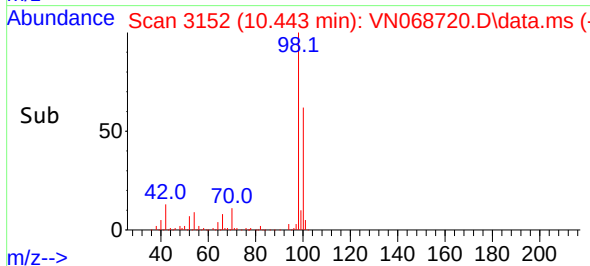


#63
Toluene-d8
Concen: 30.444 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

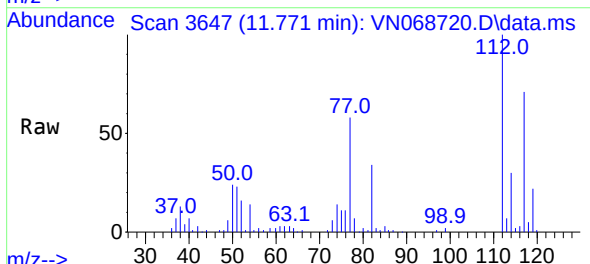
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



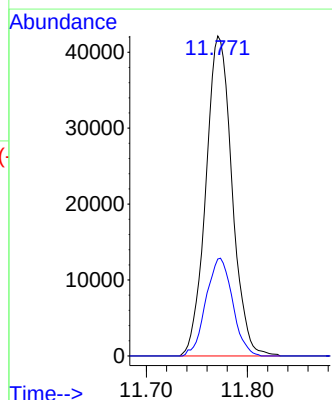
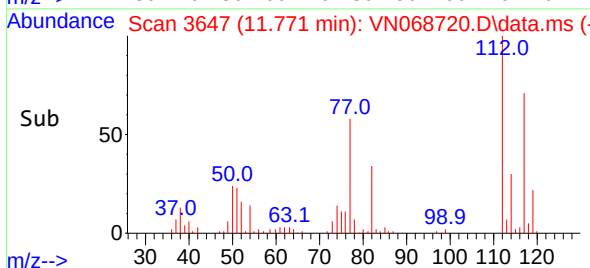
Tgt Ion: 98 Resp: 567682
Ion Ratio Lower Upper
98 100
100 62.7 50.6 76.0

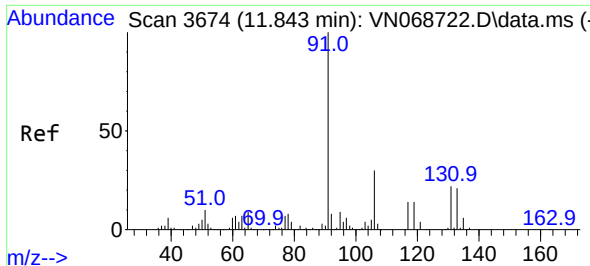


#64
Chlorobenzene
Concen: 5.129 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion: 112 Resp: 75823
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6





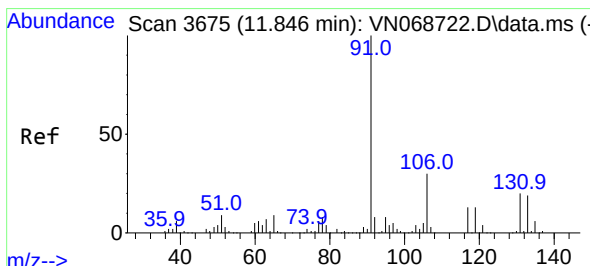
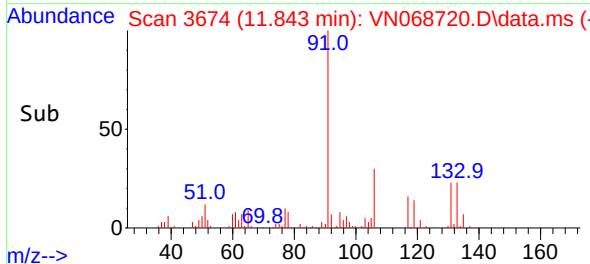
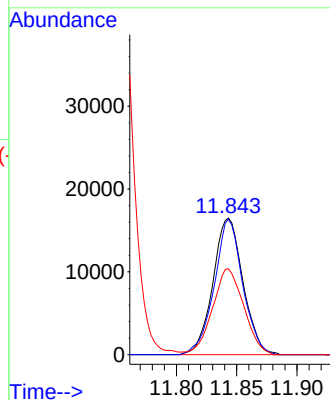
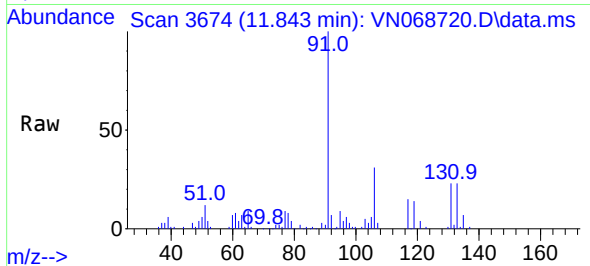
#65
1,1,1,2-Tetrachloroethane
Concen: 4.740 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:131 Resp: 28573
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 65.6 0.0 128.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

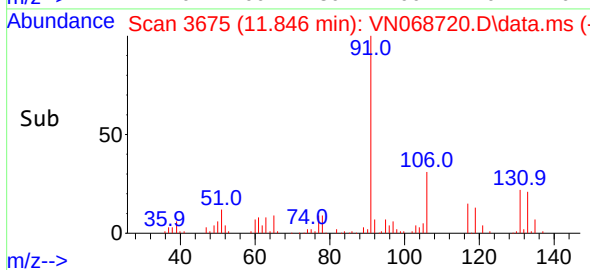
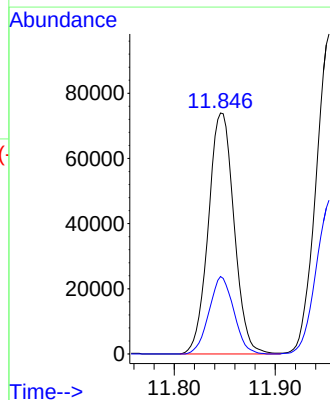
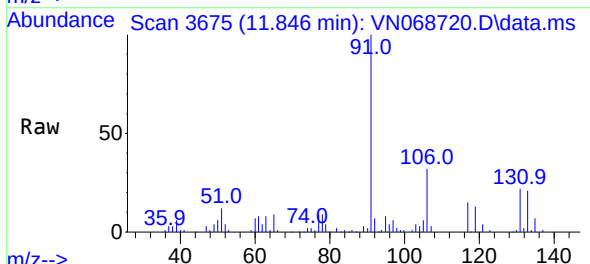
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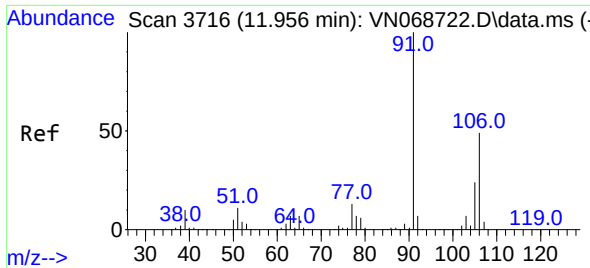
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#66
Ethyl Benzene
Concen: 4.513 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 91 Resp: 130772
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0





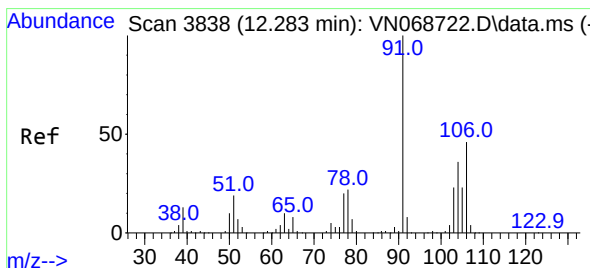
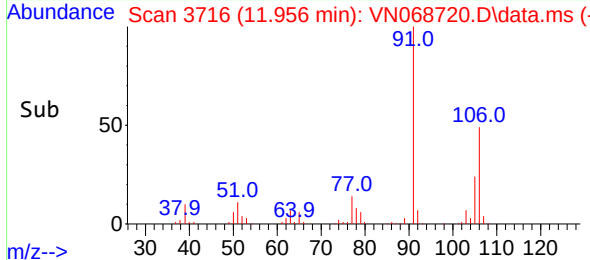
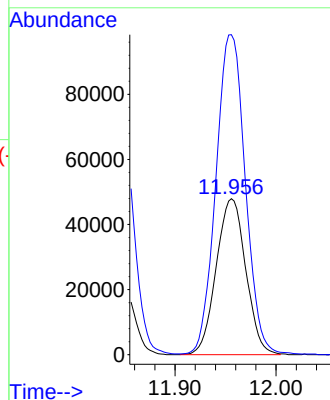
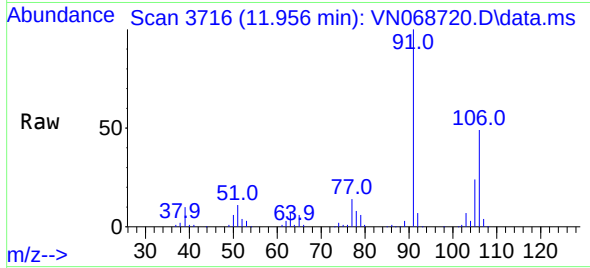
#67
m/p-Xylenes
Concen: 8.650 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 97357
Ion Ratio Lower Upper
106 100
91 204.5 162.9 244.3

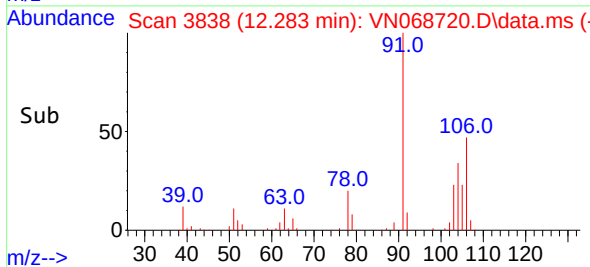
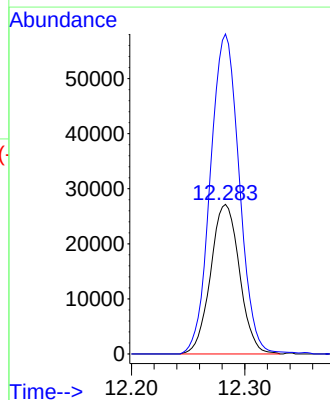
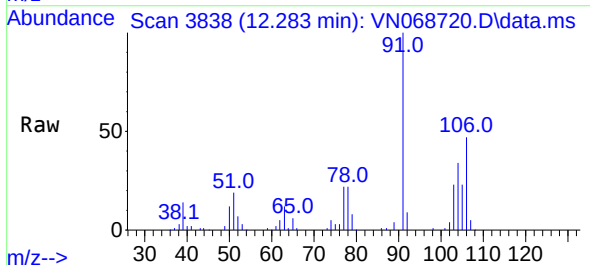
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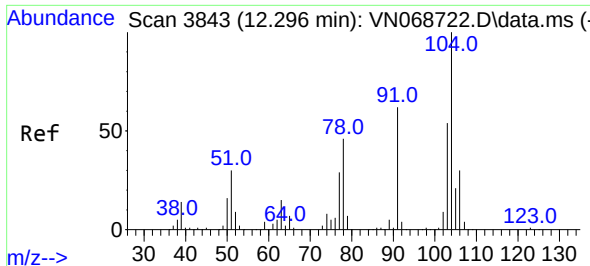
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#68
o-Xylene
Concen: 4.186 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:106 Resp: 48101
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.1





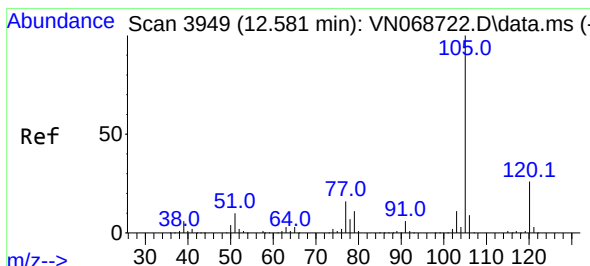
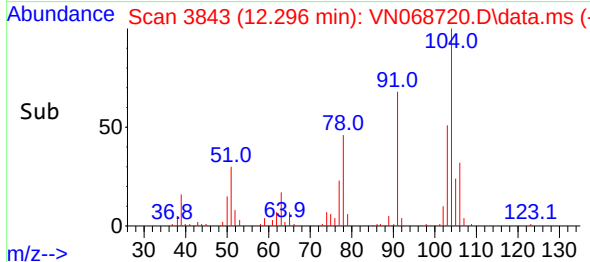
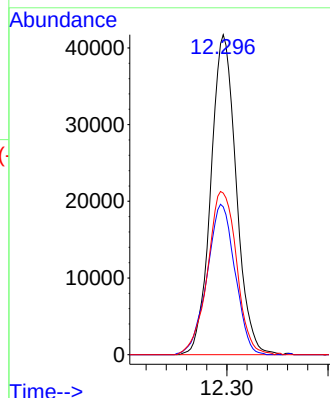
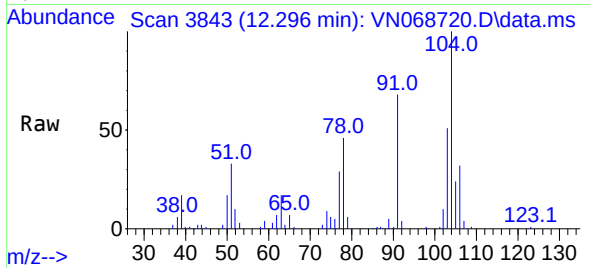
#69
Styrene
Concen: 3.737 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:104 Resp: 72705
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 58.3 45.8 68.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

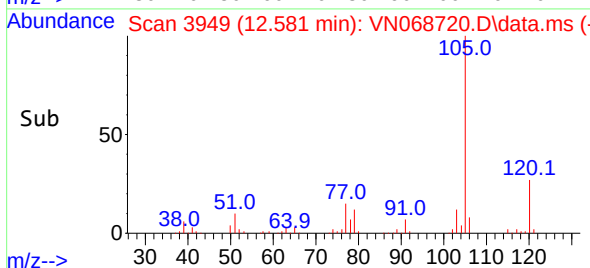
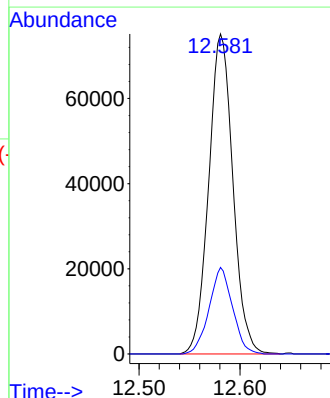
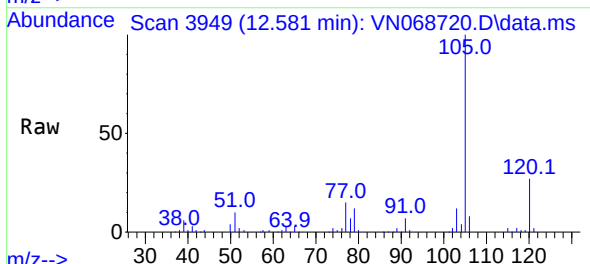
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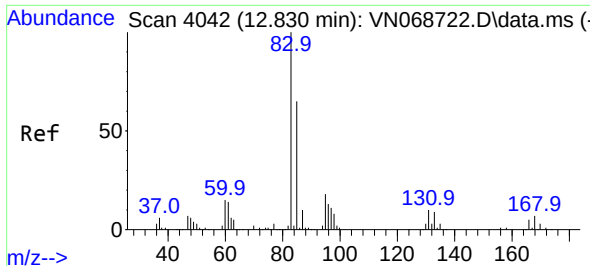
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#70
Isopropylbenzene
Concen: 4.169 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:105 Resp: 124930
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





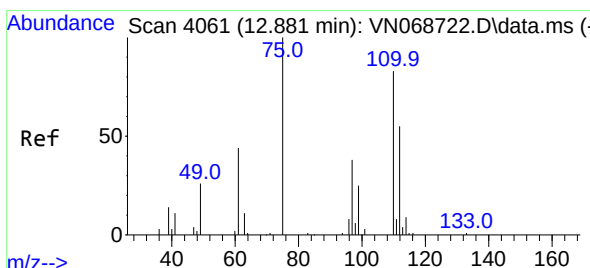
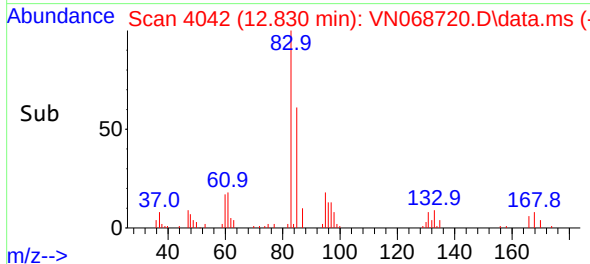
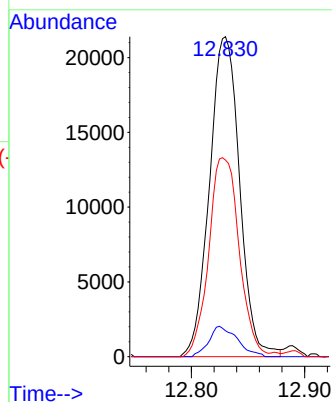
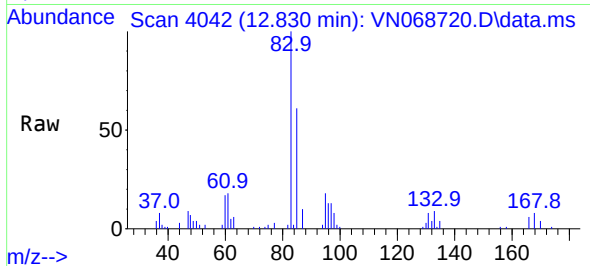
#71
1,1,2,2-Tetrachloroethane
Concen: 4.687 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 83 Resp: 39544
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 62.5 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

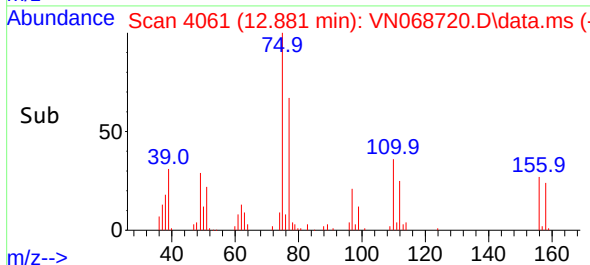
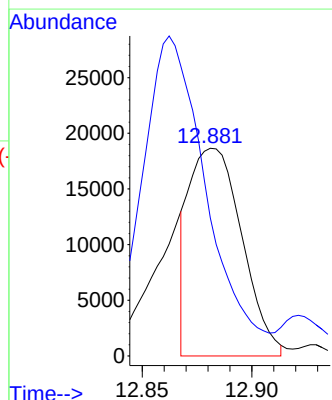
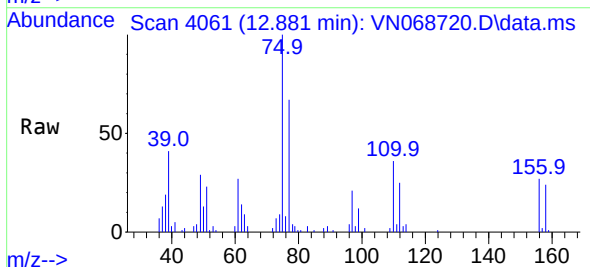
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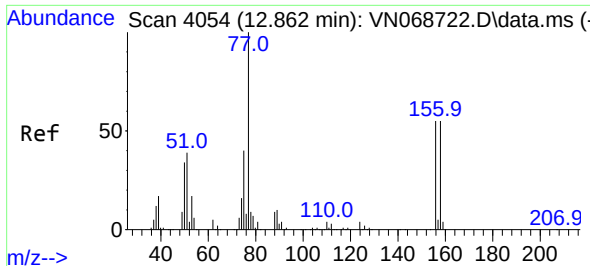
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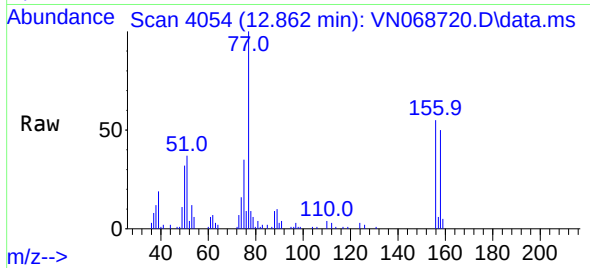
#72
1,2,3-Trichloropropane
Concen: 3.984 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 75 Resp: 31110
Ion Ratio Lower Upper
75 100
77 188.3 0.0 378.0

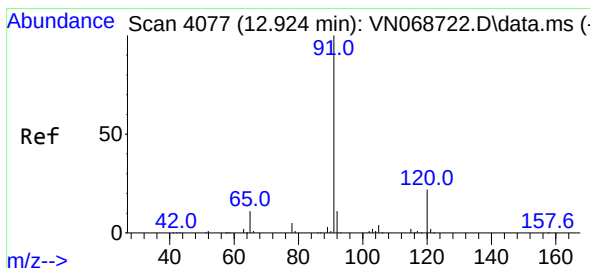
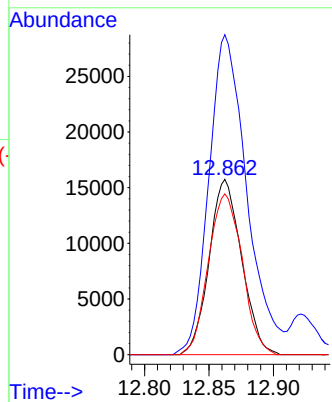
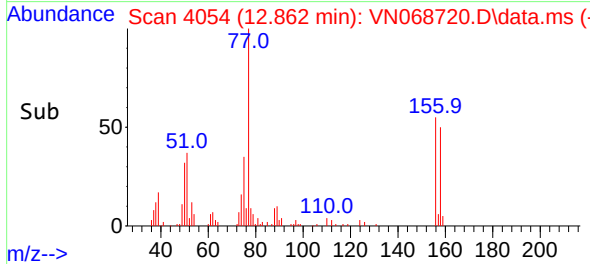




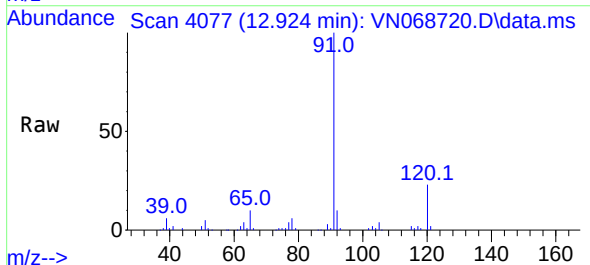
#73
Bromobenzene
Concen: 4.204 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



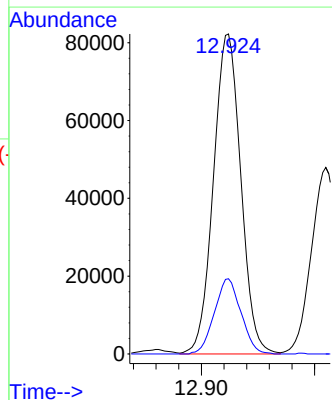
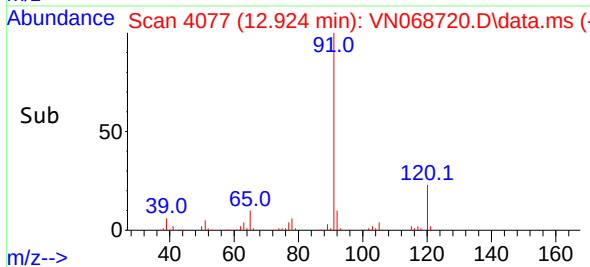
Tgt Ion: 156 Resp: 27587
Ion Ratio Lower Upper
156 100
77 212.3 0.0 416.0
158 95.6 0.0 195.4



#74
n-propylbenzene
Concen: 4.075 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



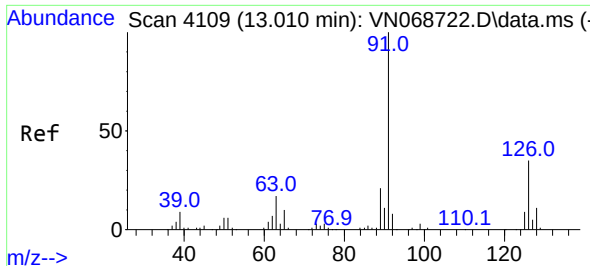
Tgt Ion: 91 Resp: 137884
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

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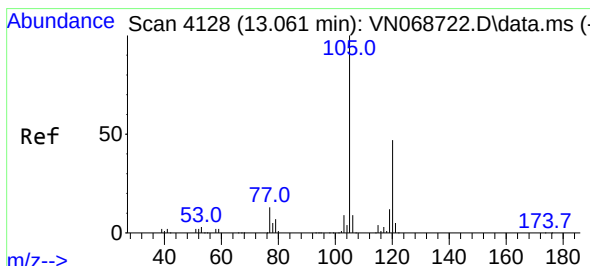
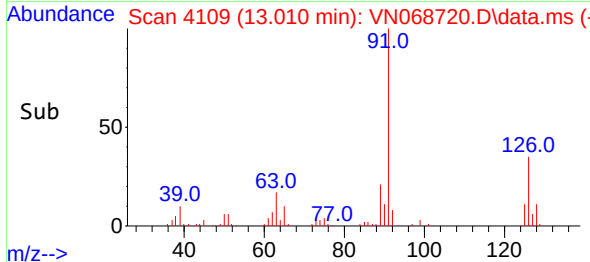
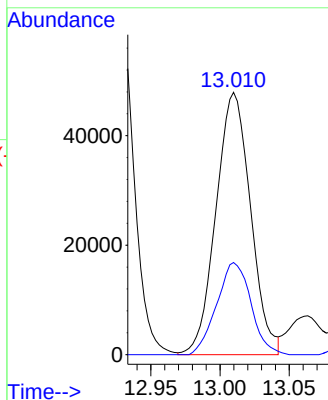
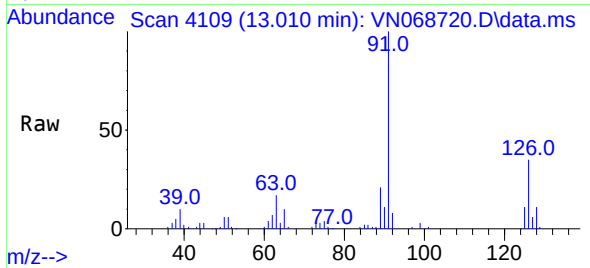
#75
2-Chlorotoluene
Concen: 4.326 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion: 91 Resp: 83442
Ion Ratio Lower Upper
91 100
126 34.7 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

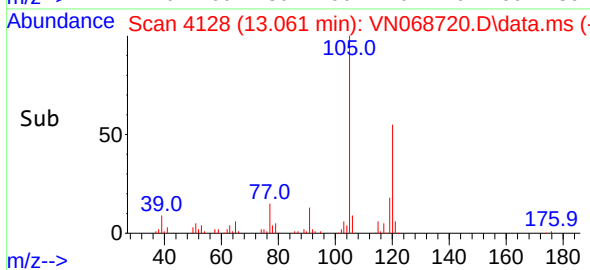
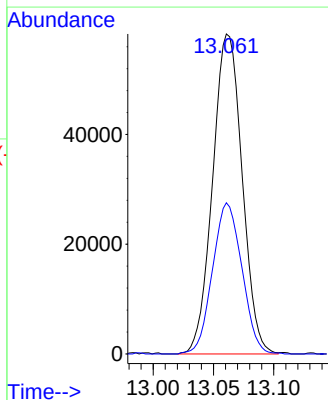
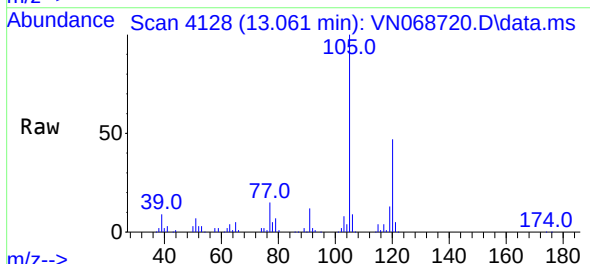
Manual Integrations
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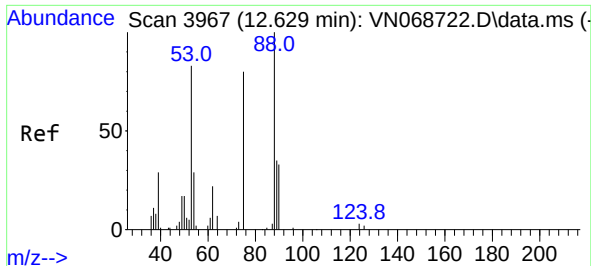
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#76
1,3,5-Trimethylbenzene
Concen: 4.309 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

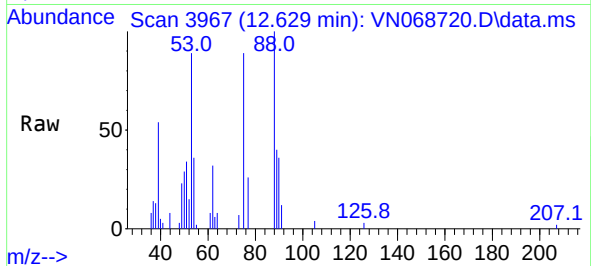
Tgt Ion: 105 Resp: 99329
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 3.414 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

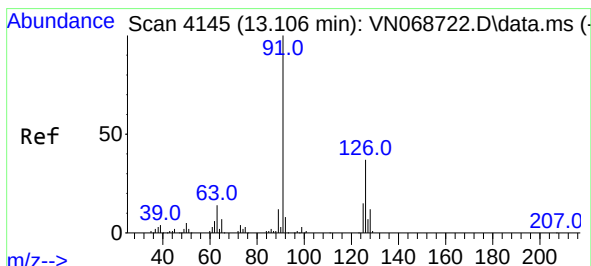
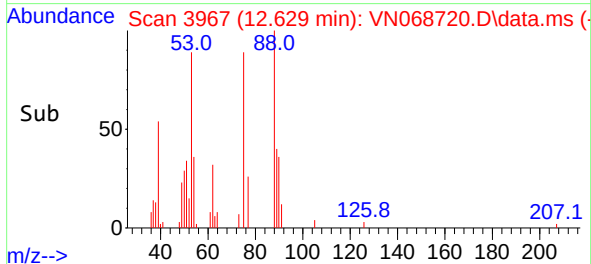
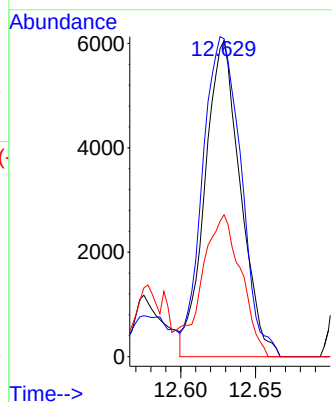
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.6	51.8	155.5
89	44.9	22.9	68.7

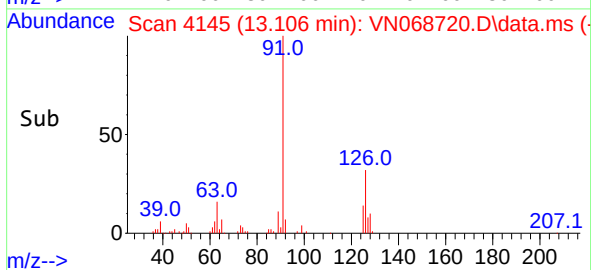
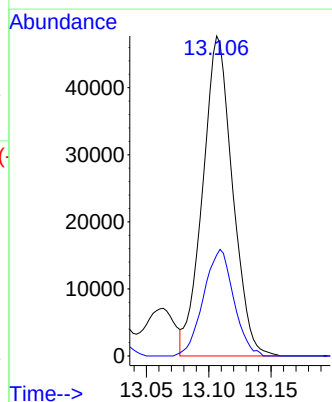
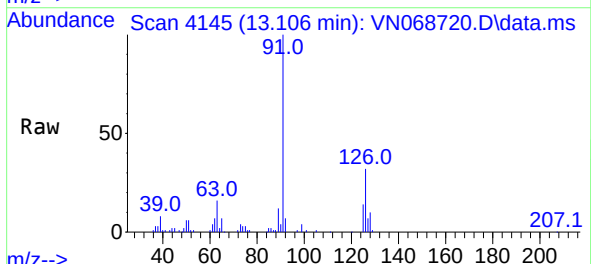
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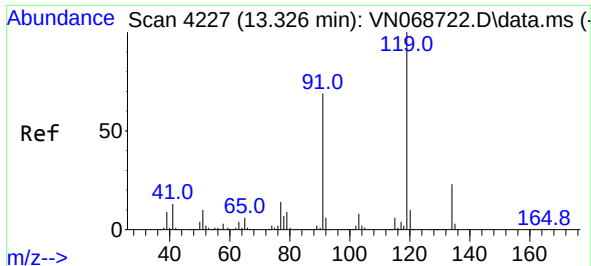
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#78
4-Chlorotoluene
Concen: 4.209 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	0.0	70.6





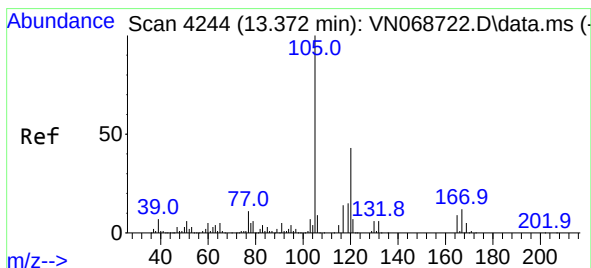
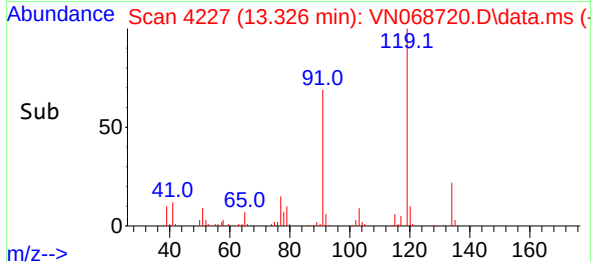
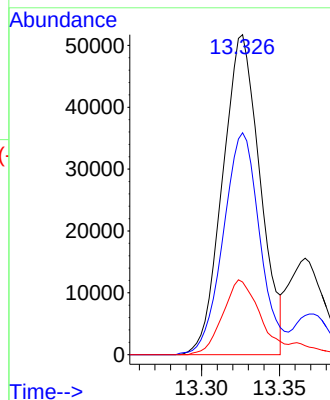
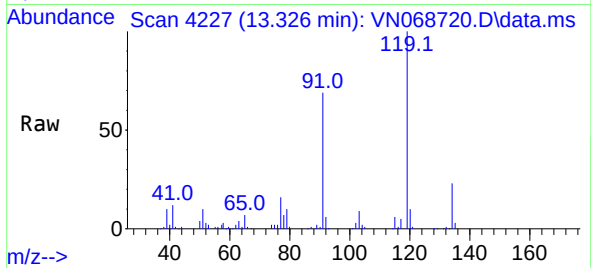
#79
tert-butylbenzene
Concen: 4.402 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:119 Resp: 86561
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 23.4 0.0 47.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

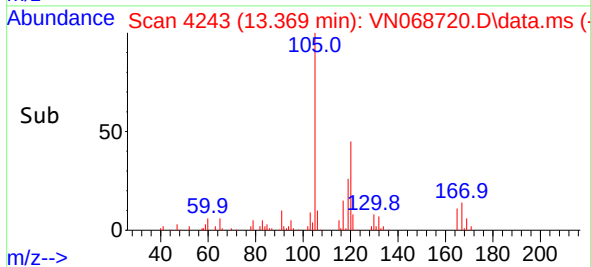
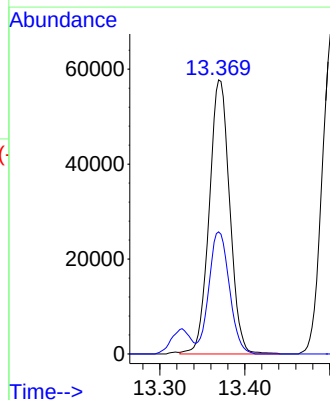
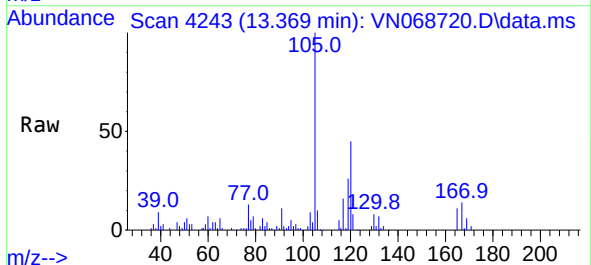
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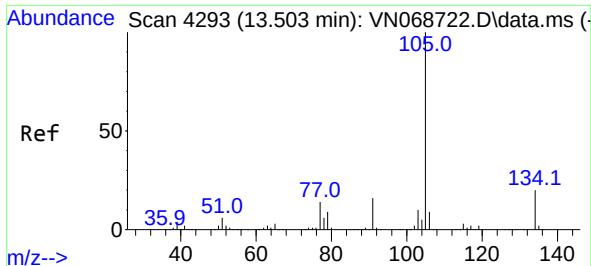
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#80
1,2,4-Trimethylbenzene
Concen: 4.498 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

Tgt Ion:105 Resp: 96747
Ion Ratio Lower Upper
105 100
120 44.6 0.0 0.2#





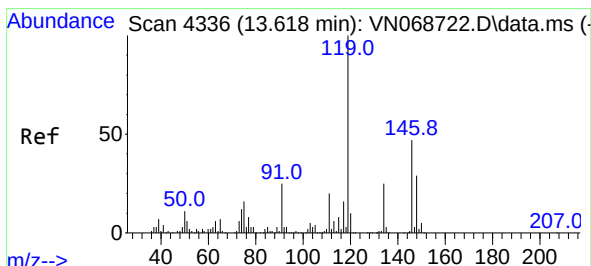
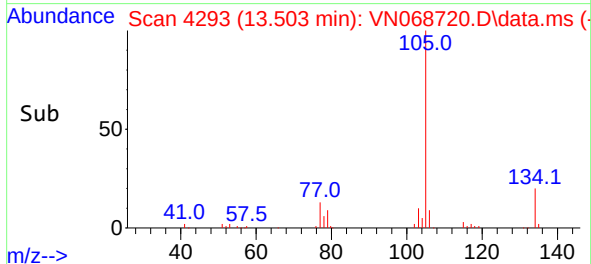
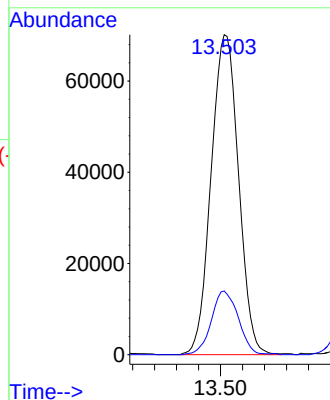
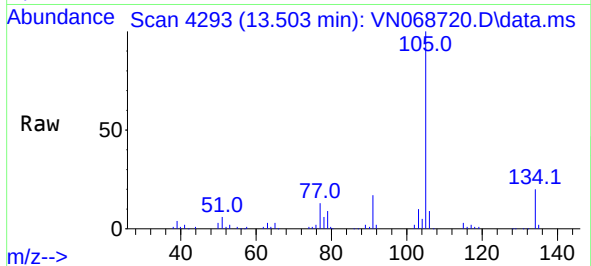
#81
 sec-Butylbenzene
 Concen: 4.598 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068720.D
 Acq: 28 Sep 2021 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 121541
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

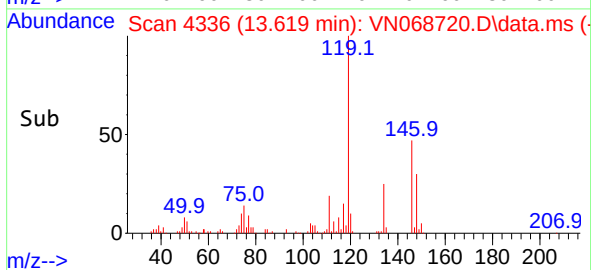
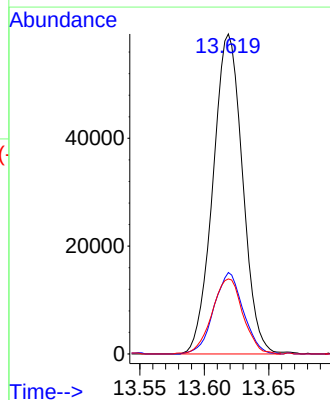
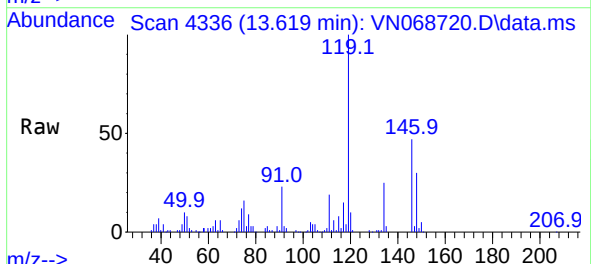
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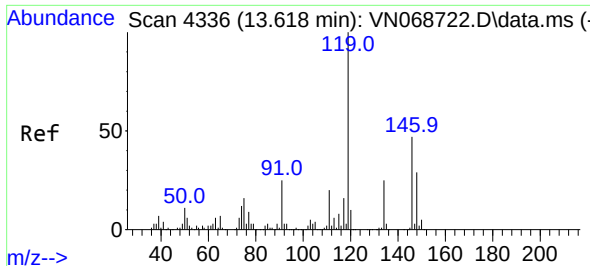
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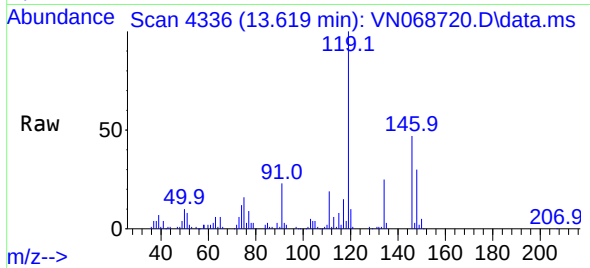
#82
 p-Isopropyltoluene
 Concen: 3.988 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068720.D
 Acq: 28 Sep 2021 14:43

Tgt Ion:119 Resp: 94756
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 24.4 0.0 50.4

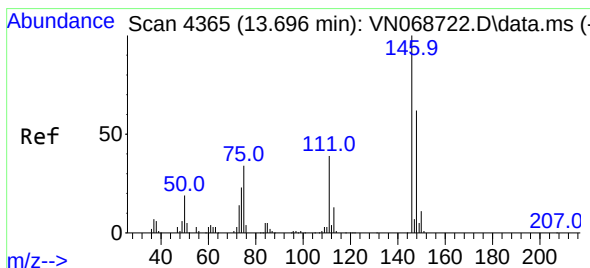
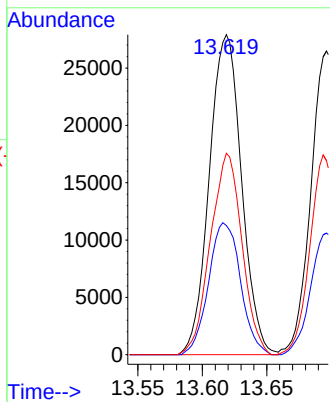
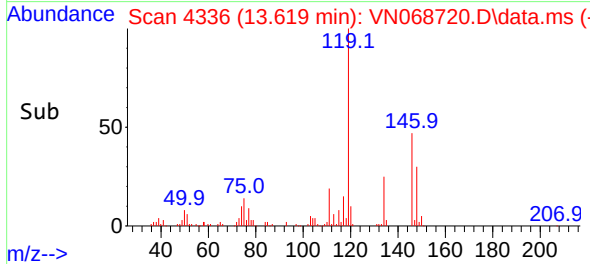




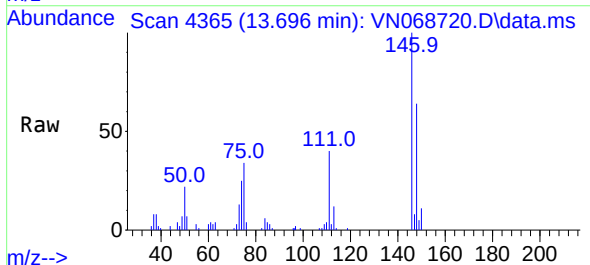
#83
1,3-Dichlorobenzene
Concen: 4.268 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



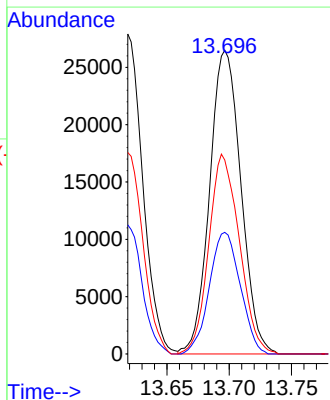
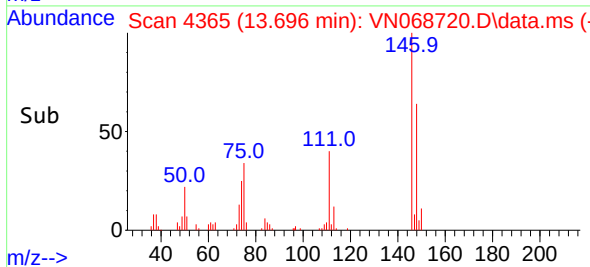
Tgt Ion:146 Resp: 48622
Ion Ratio Lower Upper
146 100
111 40.8 20.8 62.2
148 61.5 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 4.409 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



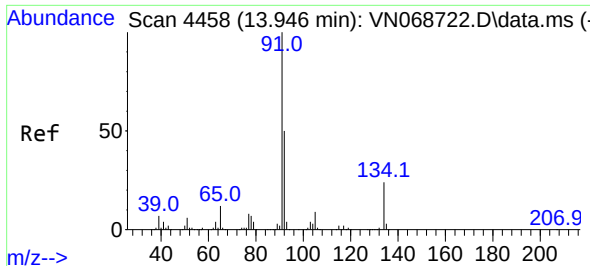
Tgt Ion:146 Resp: 46337
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 64.3 31.1 93.5



Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

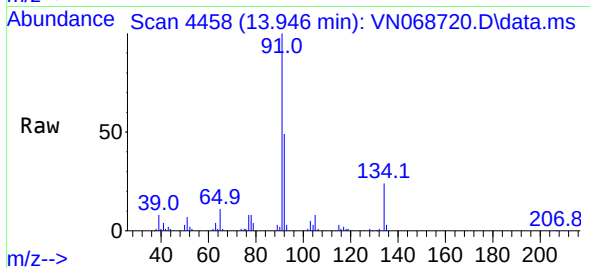
Manual Integrations
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#85
n-Butylbenzene
Concen: 3.952 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

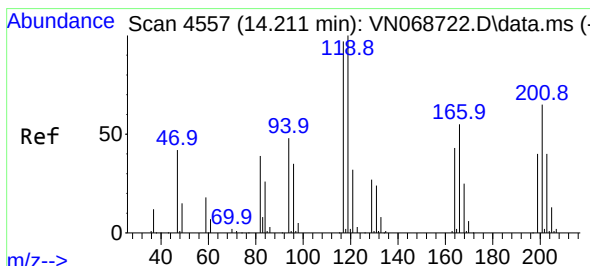
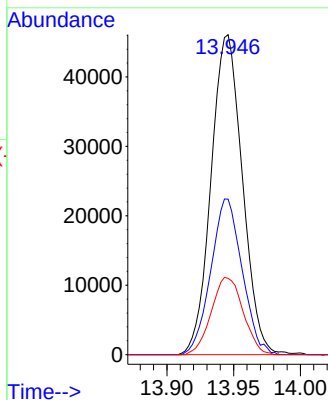
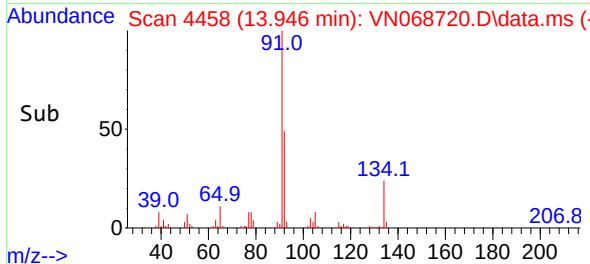
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



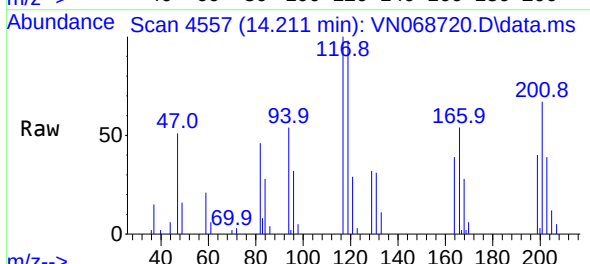
Tgt Ion: 91 Resp: 75133
Ion Ratio Lower Upper
91 100
92 48.6 0.0 100.6
134 24.6 0.0 50.2

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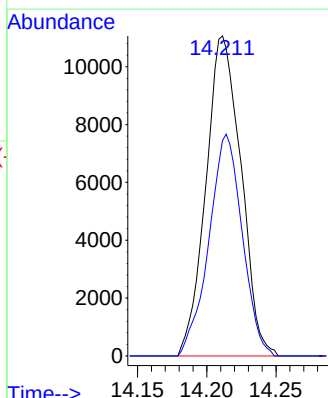
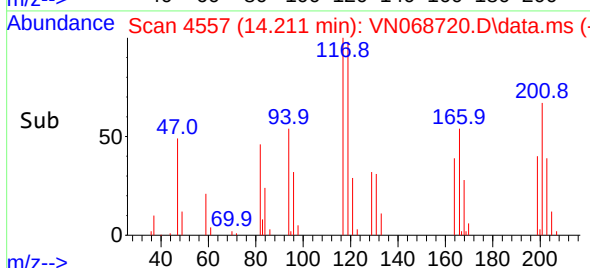
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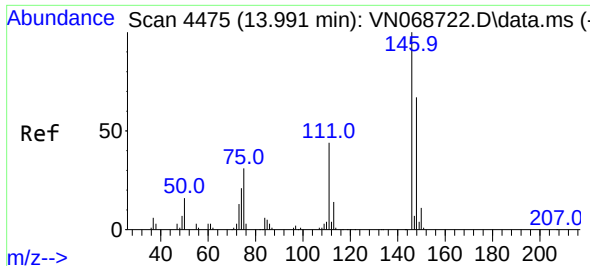


#86
Hexachloroethane
Concen: 4.419 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



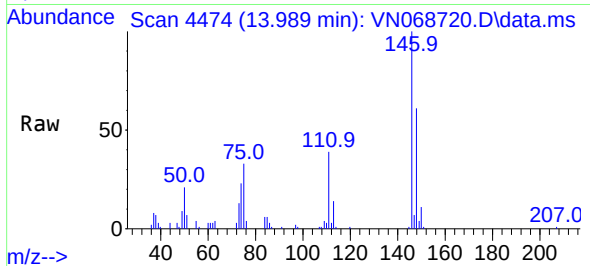
Tgt Ion: 117 Resp: 19510
Ion Ratio Lower Upper
117 100
201 65.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 4.576 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

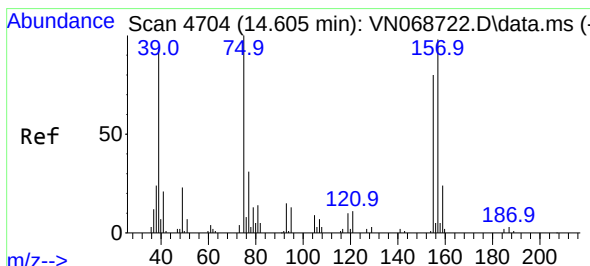
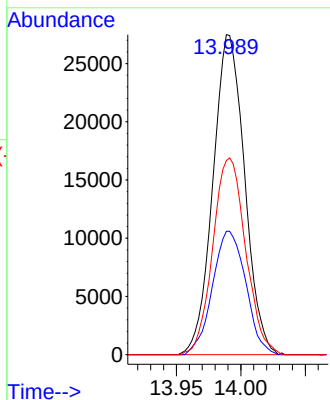
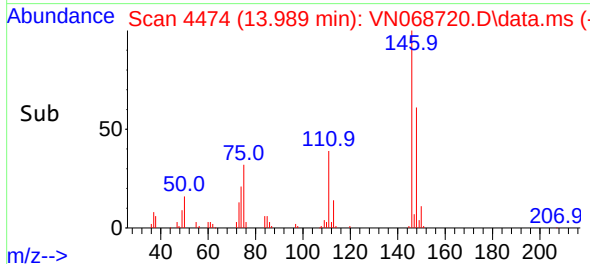
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



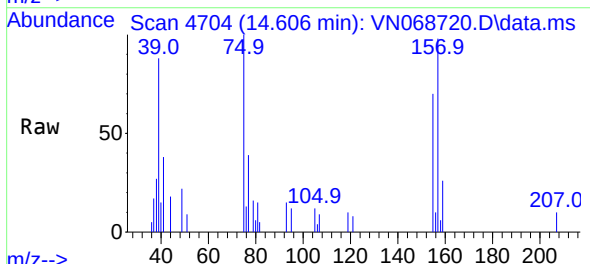
Tgt Ion:146 Resp: 46882
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.2
148 63.9 32.5 97.4

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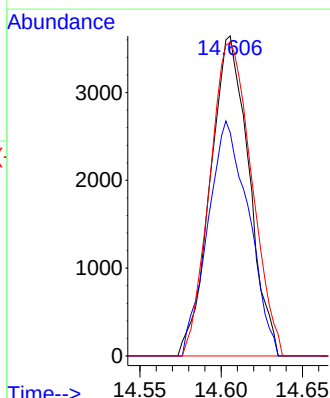
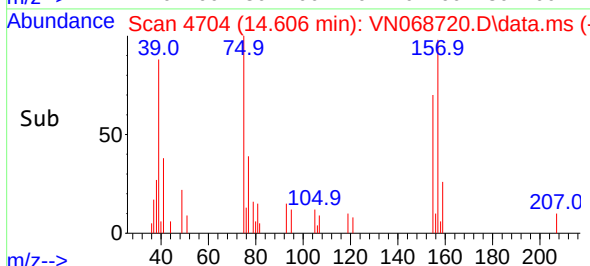
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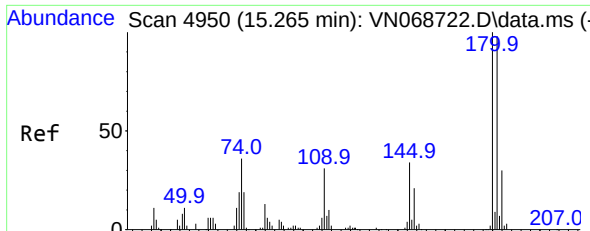


#88
1,2-Dibromo-3-Chloropropane
Concen: 3.694 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



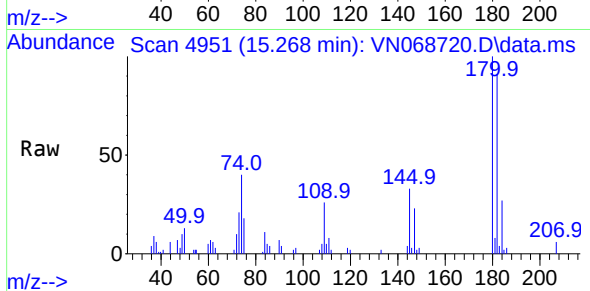
Tgt Ion: 75 Resp: 5995
Ion Ratio Lower Upper
75 100
155 78.2 63.8 95.8
157 106.4 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 3.867 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

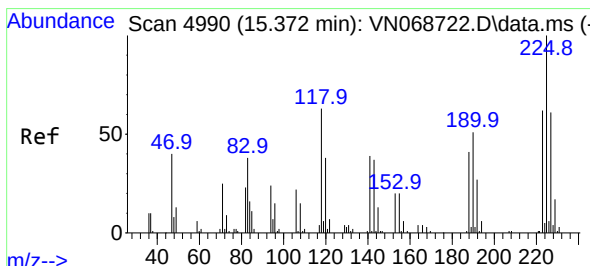
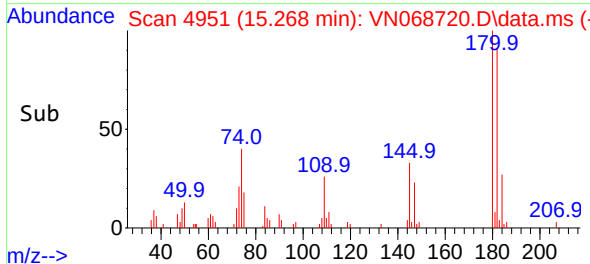
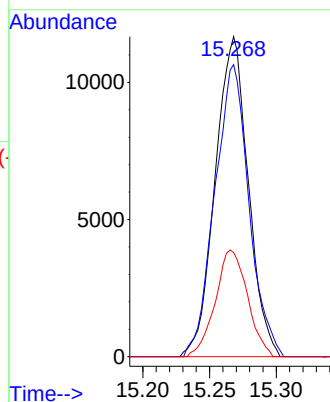
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



Tgt Ion:180 Resp: 20088
Ion Ratio Lower Upper
180 100
182 94.3 77.7 116.5
145 32.5 26.6 39.8

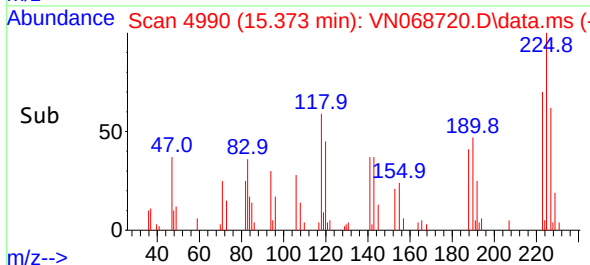
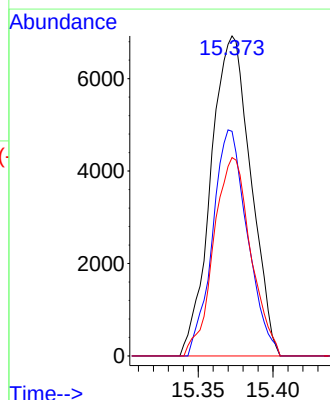
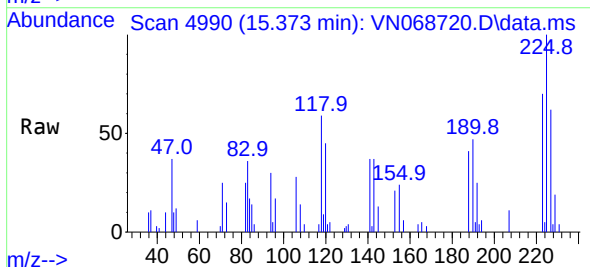
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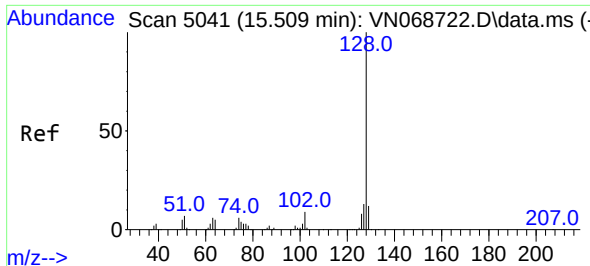
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#90
Hexachlorobutadiene
Concen: 4.628 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

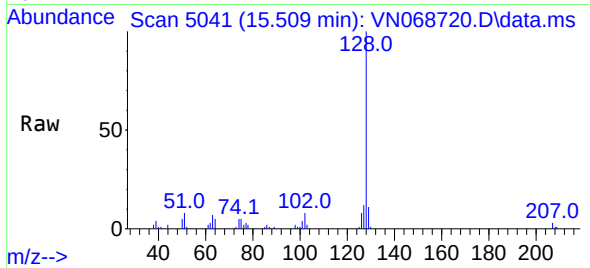
Tgt Ion:225 Resp: 12869
Ion Ratio Lower Upper
225 100
223 61.7 0.0 126.8
227 57.5 0.0 123.0





#91
Naphthalene
Concen: 3.595 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43

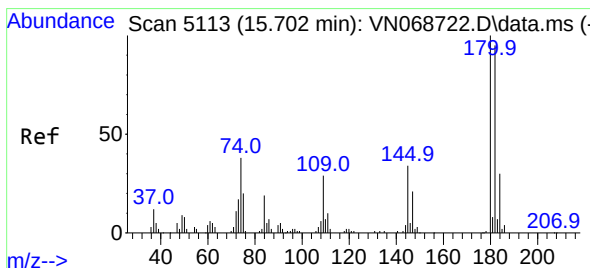
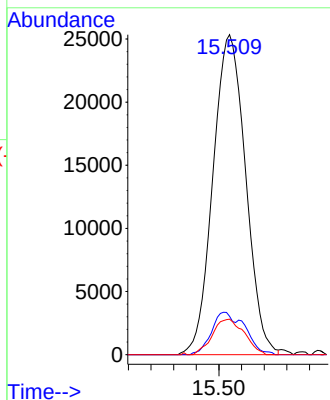
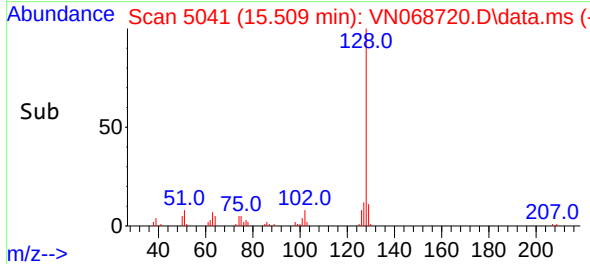
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005



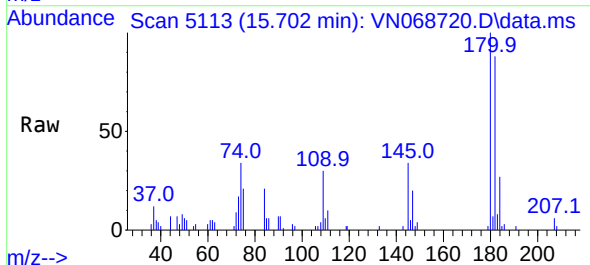
Tgt Ion:128 Resp: 50721
Ion Ratio Lower Upper
128 100
127 9.1 10.7 16.1#
129 10.8 9.0 13.6

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#92
1,2,3-Trichlorobenzene
Concen: 4.005 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068720.D
Acq: 28 Sep 2021 14:43



Tgt Ion:180 Resp: 19845
Ion Ratio Lower Upper
180 100
182 96.9 0.0 190.0
145 29.1 0.0 67.8

