

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068810.D
 Acq On : 5 Oct 2021 18:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 7:02:50 PM

Quant Time: Oct 06 01:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	97283	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	552848	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	527832	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	243404	32.46	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.20%			
60) 4-Bromofluorobenzene	12.733	95	235354	28.54	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.13%			
63) Toluene-d8	10.443	98	740045	31.02	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	73471	17.03	ug/l	97
3) Chloromethane	2.303	50	103176	18.69	ug/l	97
4) Vinyl Chloride	2.445	62	206179	19.16	ug/l	99
5) Bromomethane	2.850	94	199790	19.12	ug/l	98
6) Chloroethane	3.017	64	180992	20.69	ug/l	98
7) Trichlorofluoromethane	3.373	101	178721	19.90	ug/l	99
8) Diethyl Ether	3.829	74	64783	21.07	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.221	101	98283	18.91	ug/l	53
10) 1,1-Dichloroethene	4.189	96	90702	18.91	ug/l	95
11) Methyl Iodide	4.427	142	121741	21.04	ug/l	95
12) Methyl Acetate	4.854	43	171526	20.70	ug/l	98
13) Acrolein	4.044	56	24758	71.18	ug/l	99
14) Acrylonitrile	5.554	53	276447	103.90	ug/l	100
15) Acetone	4.288	58	68887	93.47	ug/l	98
16) Carbon Disulfide	4.532	76	229803	17.69	ug/l	99
17) Allyl chloride	4.843	41	144555	18.96	ug/l	99
18) Methylene Chloride	5.103	84	119024	19.75	ug/l	97
19) trans-1,2-Dichloroethene	5.605	96	107818	19.02	ug/l	99
20) Diisopropyl ether	6.498	45	364287	20.55	ug/l	97
21) 1,1-Dichloroethane	6.391	63	205699	19.99	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	137235	19.89	ug/l	96
23) tert-Butyl Alcohol	5.366	59	104853	106.21	ug/l #	100
24) Methyl tert-Butyl Ether	5.613	73	381851	20.26	ug/l	99
25) Chloroform	7.820	83	246711	20.34	ug/l	96
26) Cyclohexane	8.096	56	165531	18.48	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	162811	18.53	ug/l	97
30) 2-Butanone	7.332	43	395746	100.29	ug/l	100
31) 2,2-Dichloropropane	7.327	77	179965	17.83	ug/l #	74
32) 1,1,1-Trichloroethane	8.016	97	220950	19.62	ug/l	97
33) Carbon Tetrachloride	8.209	117	193880	19.37	ug/l	97
34) Benzene	8.461	78	511196	19.61	ug/l	97
35) Methacrylonitrile	7.638	41	80413	20.34	ug/l	94
36) 1,2-Dichloroethane	8.531	62	206610	21.19	ug/l	99
37) Trichloroethene	9.217	130	132615	19.24	ug/l	96
38) Methylcyclohexane	9.461	83	187047	17.20	ug/l	98
39) 1,2-Dichloropropane	9.491	63	131162	20.32	ug/l	98
40) Dibromomethane	9.579	93	103253	20.26	ug/l	98
41) Bromodichloromethane	9.762	83	204173	20.44	ug/l	93
42) Vinyl Acetate	6.436	43	1454309m	99.53	ug/l	

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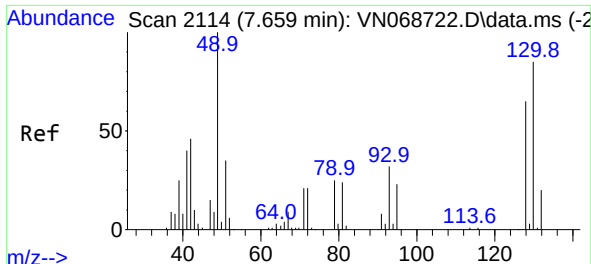
Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	163952	20.78	ug/l #	80
44) Isopropyl Acetate	8.563	43	291301	20.39	ug/l	99
45) 1,4-Dioxane	9.569	88	50504	436.60	ug/l	99
46) Methyl methacrylate	9.561	41	124556	19.71	ug/l	99
47) n-amyl Acetate	12.390	43	234331	19.37	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	206335	19.01	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	212314	19.13	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	144979	20.53	ug/l	98
51) Ethyl methacrylate	10.762	69	208291	19.58	ug/l	99
52) 1,3-Dichloropropane	11.046	76	234195	20.49	ug/l	98
53) Dibromochloromethane	11.240	129	156149	19.47	ug/l	99
54) 1,2-Dibromoethane	11.347	107	146993	19.84	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	212011	71.39	ug/l	99
56) Bromoform	12.460	173	108677	18.79	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	934529	104.89	ug/l	99
59) 2-Hexanone	11.087	43	659339	101.60	ug/l	99
61) Tetrachloroethene	10.979	164	118814	19.21	ug/l	98
62) Toluene	10.507	91	616644	19.54	ug/l	99
64) Chlorobenzene	11.771	112	371419	19.18	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	148560	19.78	ug/l	99
66) Ethyl Benzene	11.846	91	672195	18.90	ug/l	98
67) m/p-Xylenes	11.956	106	522756	38.07	ug/l	99
68) o-Xylene	12.283	106	255766	18.92	ug/l	98
69) Styrene	12.296	104	418854	18.77	ug/l	99
70) Isopropylbenzene	12.581	105	670779	18.71	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	209878	20.78	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	169874m	20.76	ug/l	
73) Bromobenzene	12.862	156	152198	18.76	ug/l	99
74) n-propylbenzene	12.921	91	762007	18.54	ug/l	100
75) 2-Chlorotoluene	13.010	91	456928	19.05	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	560685	18.94	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	56636	17.75	ug/l	97
78) 4-Chlorotoluene	13.106	91	432876	18.22	ug/l	99
79) tert-butylbenzene	13.326	119	485244	18.78	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	554582m	18.90	ug/l	
81) sec-Butylbenzene	13.503	105	681134	18.39	ug/l	100
82) p-Isopropyltoluene	13.618	119	548518	17.88	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	273261	18.15	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	258613	18.06	ug/l	98
85) n-Butylbenzene	13.946	91	430659	17.06	ug/l	98
86) Hexachloroethane	14.211	117	106887	18.51	ug/l	99
87) 1,2-Dichlorobenzene	13.989	146	270595	19.44	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	36682	20.31	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	112531	16.46	ug/l	97
90) Hexachlorobutadiene	15.373	225	61771	18.12	ug/l	95
91) Naphthalene	15.509	128	308499	15.98	ug/l	98
92) 1,2,3-Trichlorobenzene	15.702	180	113088	17.25	ug/l	99

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



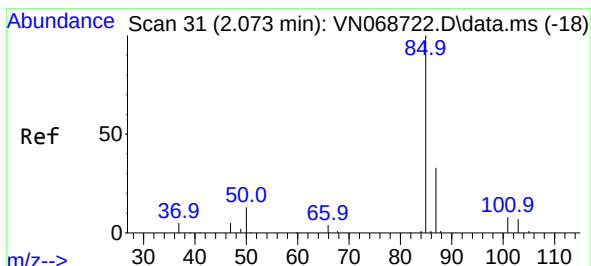
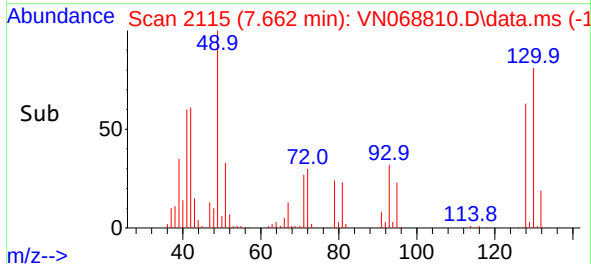
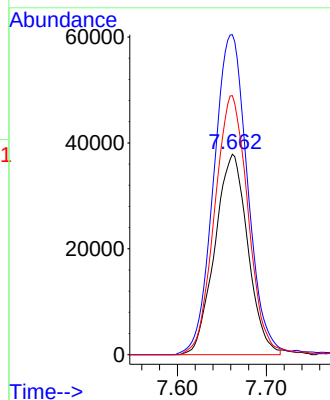
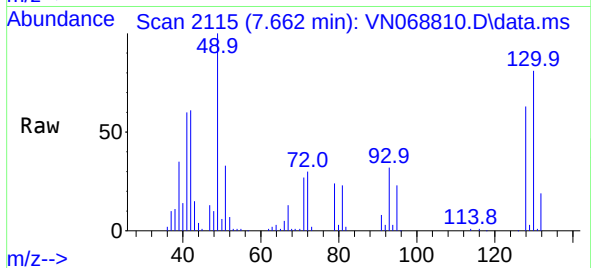
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Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:	128	Resp:	97283
Ion	Ratio	Lower	Upper
128	100		
49	164.0	0.0	392.3
130	131.3	0.0	320.2

Instrument :
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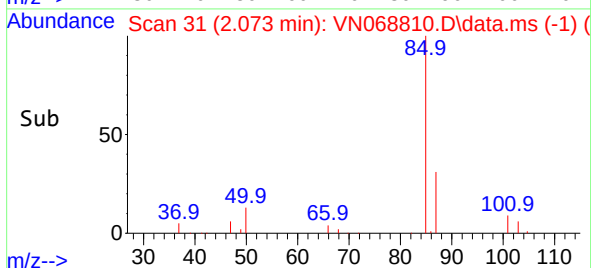
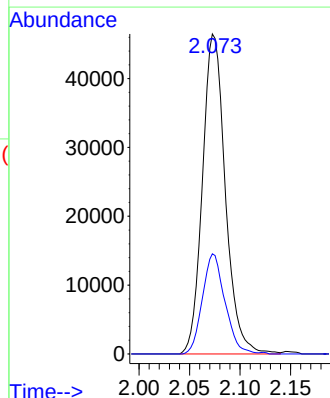
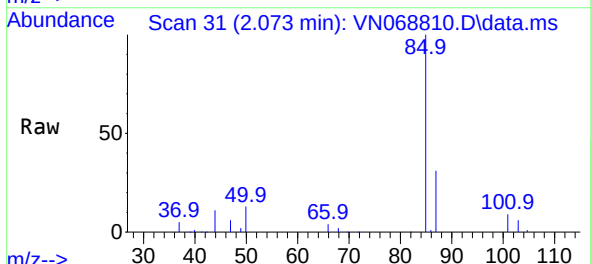
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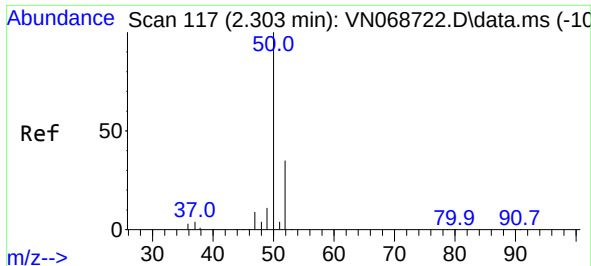
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#2
Dichlorodifluoromethane
Concen: 17.03 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:	85	Resp:	73471
Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.6	49.7





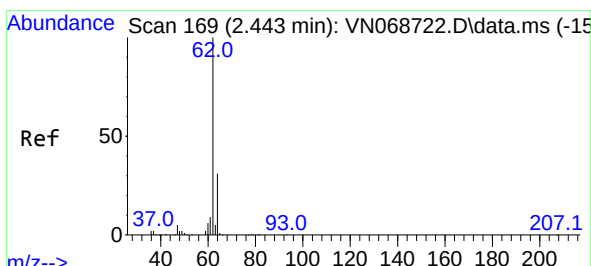
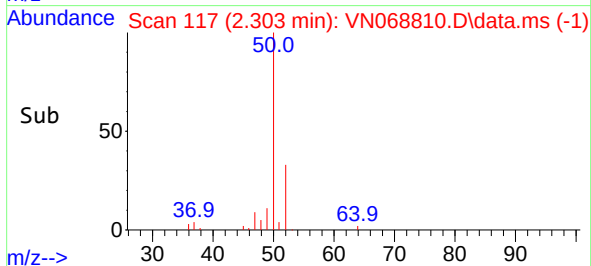
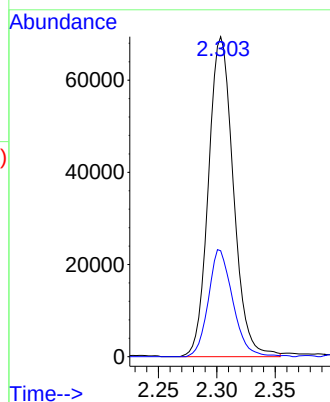
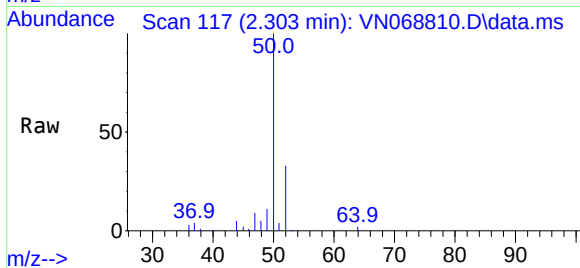
#3
Chloromethane
Concen: 18.69 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 50 Resp: 103176
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

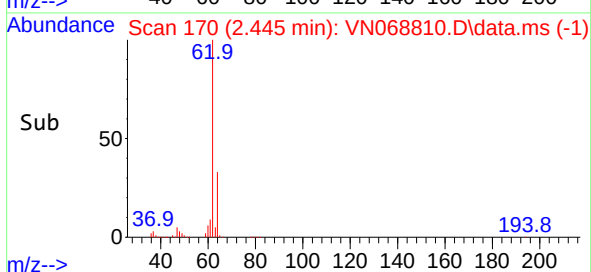
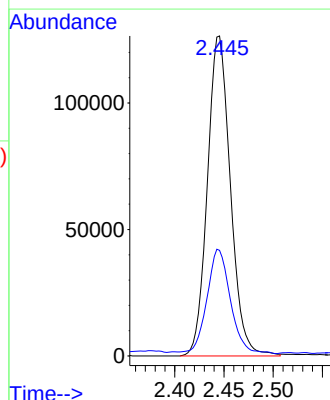
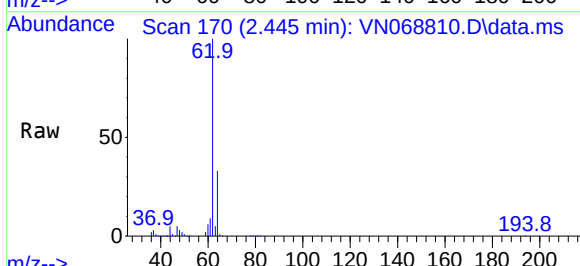
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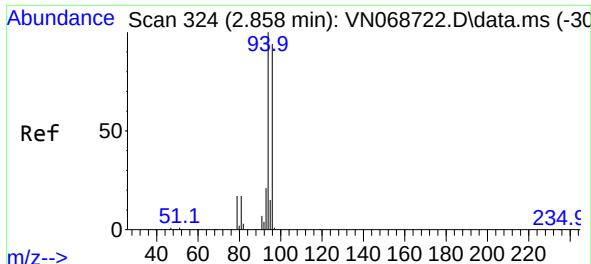
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#4
Vinyl Chloride
Concen: 19.16 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

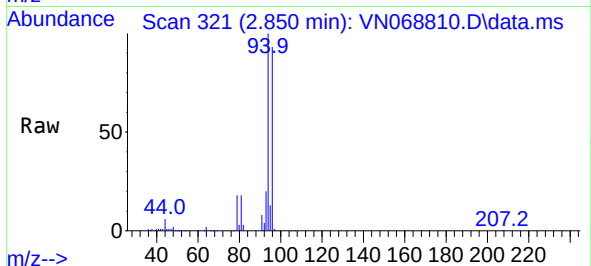
Tgt Ion: 62 Resp: 206179
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 19.12 ug/l
RT: 2.850 min Scan# 321
Delta R.T. -0.008 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

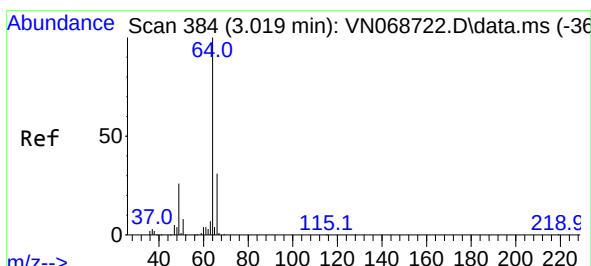
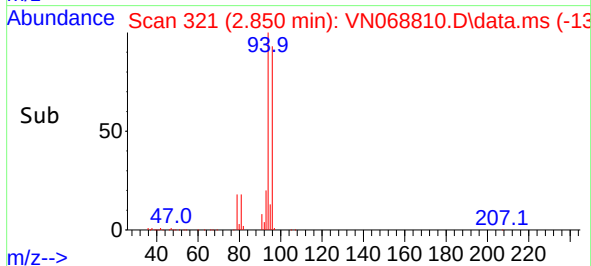
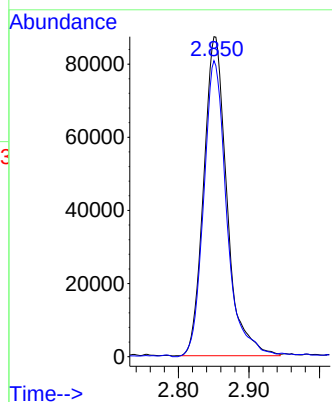
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 199790
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8

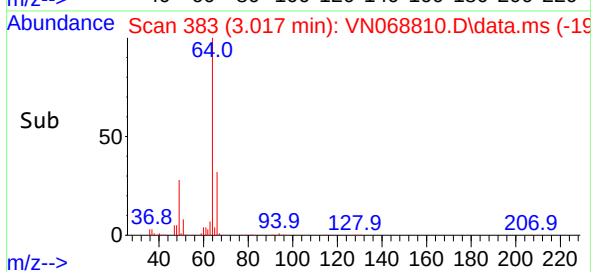
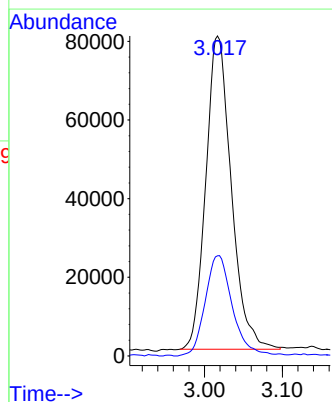
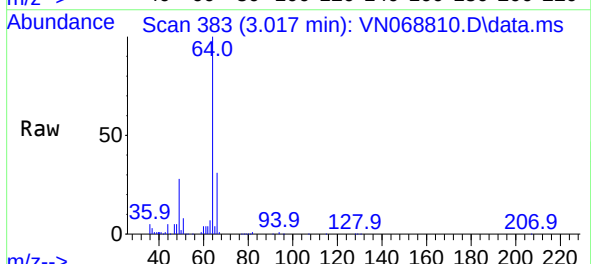
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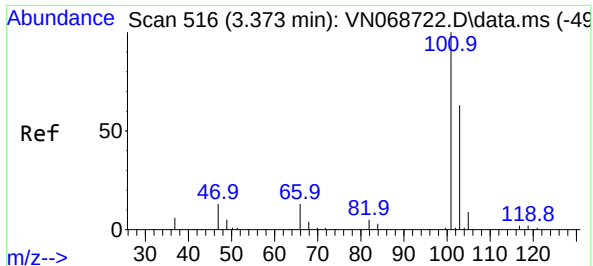
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#6
Chloroethane
Concen: 20.69 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 64 Resp: 180992
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





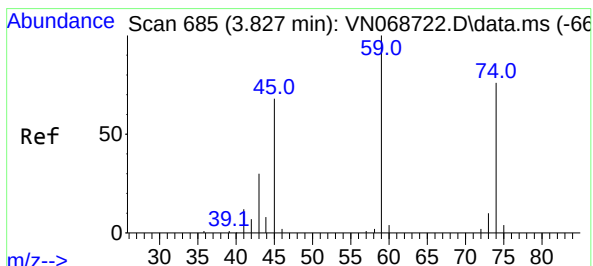
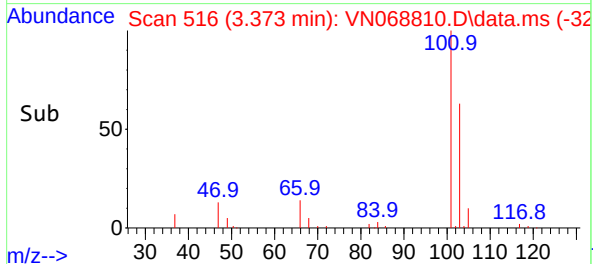
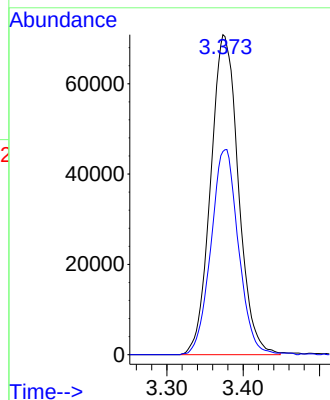
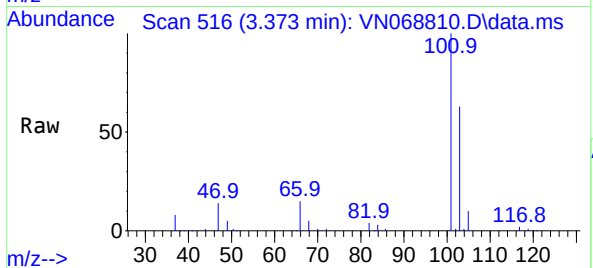
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Trichlorofluoromethane
Concen: 19.90 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:101 Resp: 178721
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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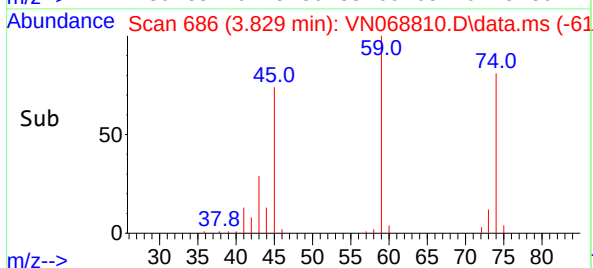
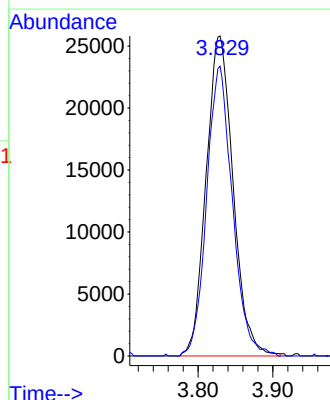
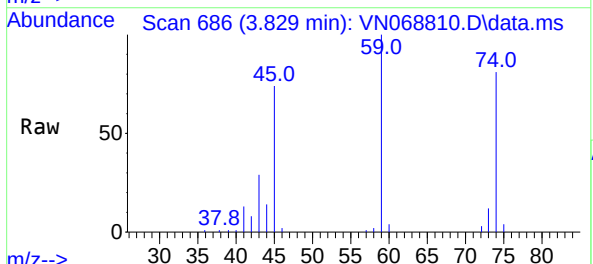
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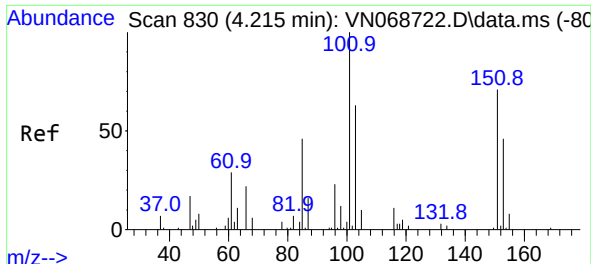
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#8
Diethyl Ether
Concen: 21.07 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 74 Resp: 64783
Ion Ratio Lower Upper
74 100
45 85.7 17.6 158.8





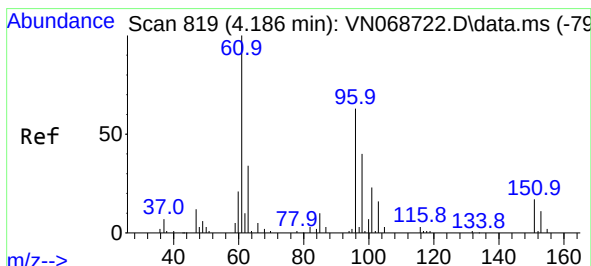
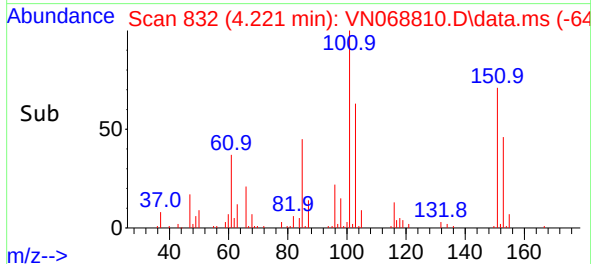
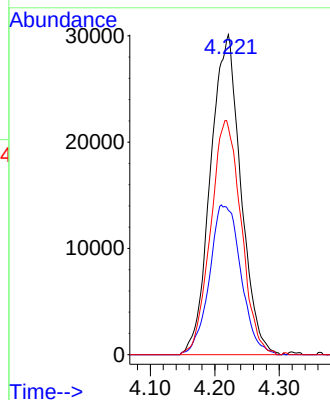
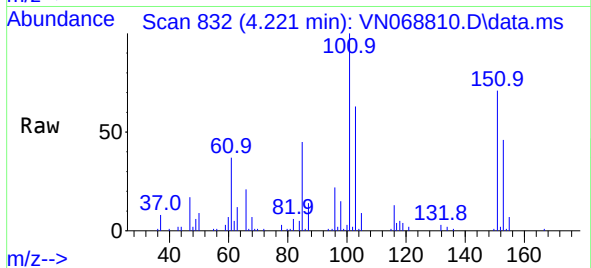
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1,1,2-Trichlorotrifluoroethane
Concen: 18.91 ug/l
RT: 4.221 min Scan# 832
Delta R.T. 0.006 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:	101	Resp:	98283
Ion	Ratio	Lower	Upper
101	100		
85	22.3	0.0	94.0
151	73.6	0.0	74.6

Instrument :
MSVOA_N
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VSTDCCC020EC

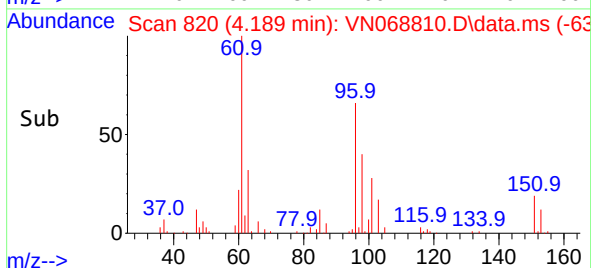
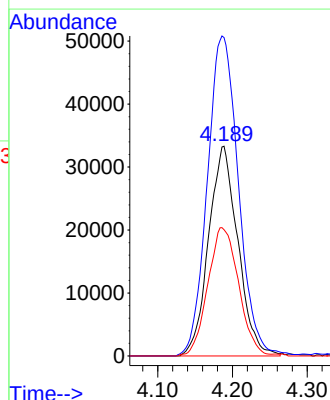
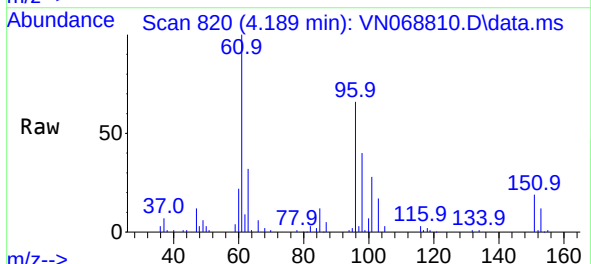
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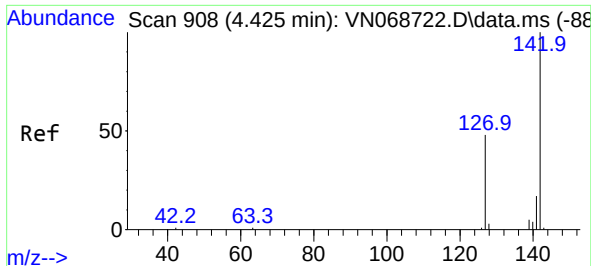
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#10
1,1-Dichloroethene
Concen: 18.91 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:	96	Resp:	90702
Ion	Ratio	Lower	Upper
96	100		
61	150.7	126.2	189.4
98	59.6	50.9	76.3





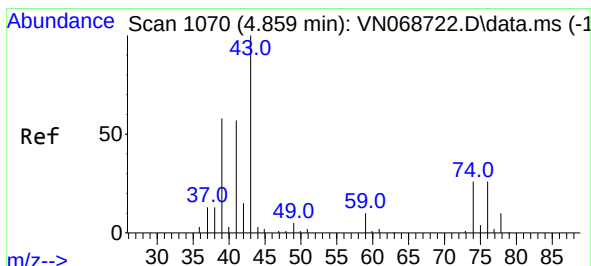
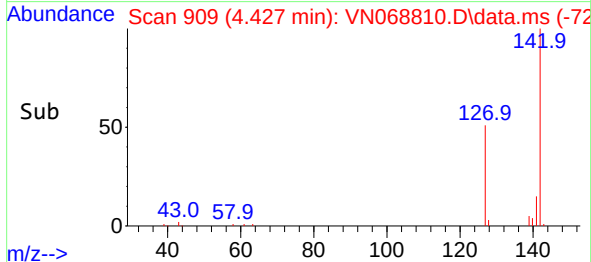
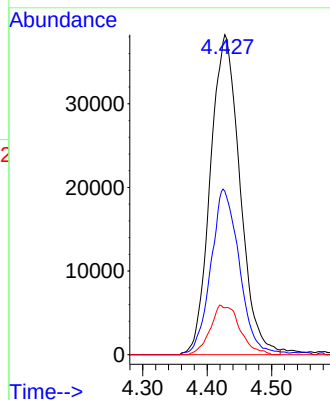
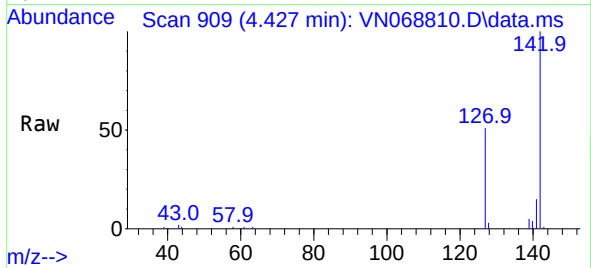
#11
Methyl Iodide
Concen: 21.04 ug/l
RT: 4.427 min Scan# 909
Delta R.T. 0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:142 Resp: 121741
Ion Ratio Lower Upper
142 100
127 51.0 24.0 72.0
141 14.8 8.4 25.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

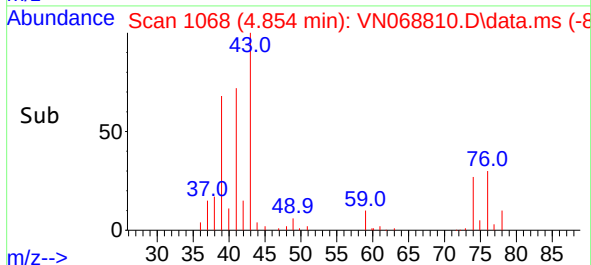
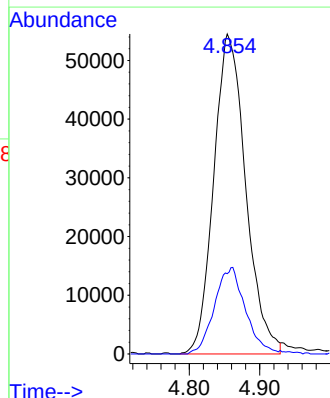
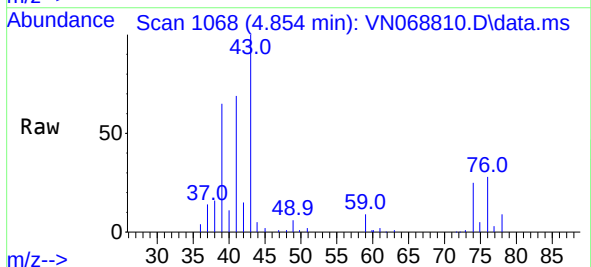
Manual Integrations
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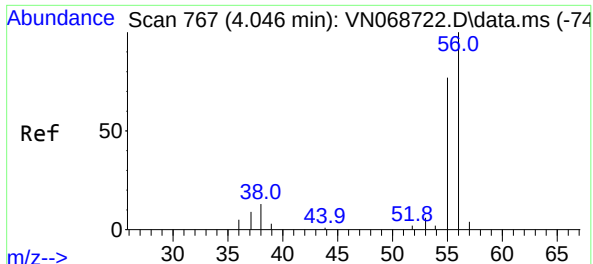
MMDadoda
10/6/2021 7:02:50 PM



#12
Methyl Acetate
Concen: 20.70 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 171526
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2





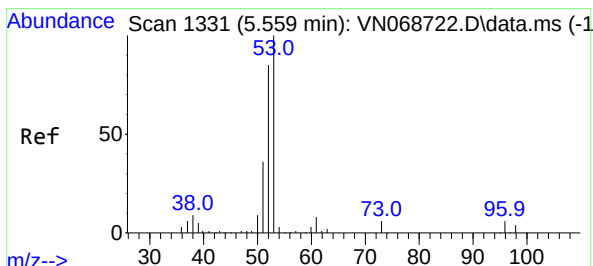
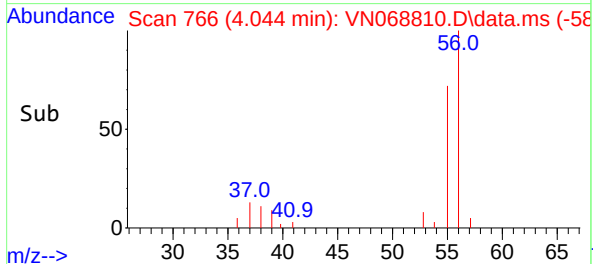
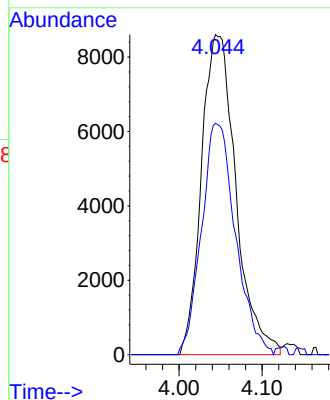
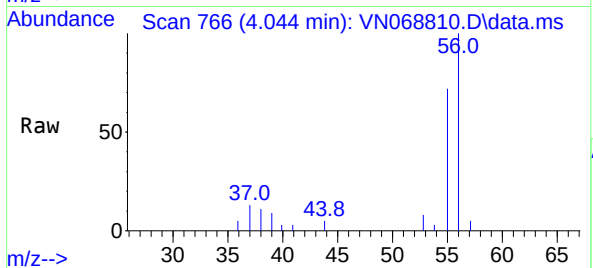
#13
Acrolein
Concen: 71.18 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 56 Resp: 24758
Ion Ratio Lower Upper
56 100
55 71.4 57.6 86.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

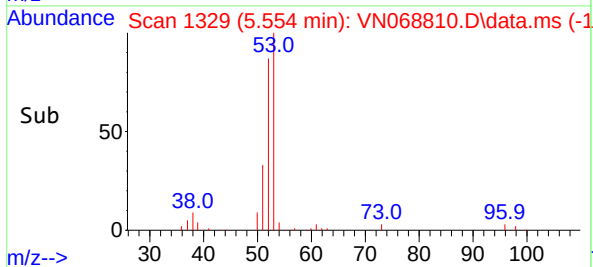
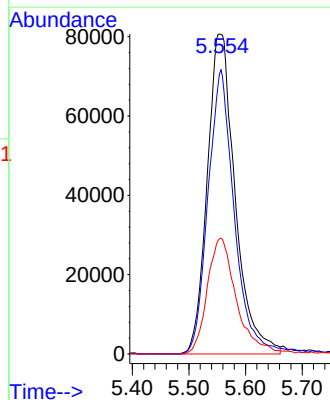
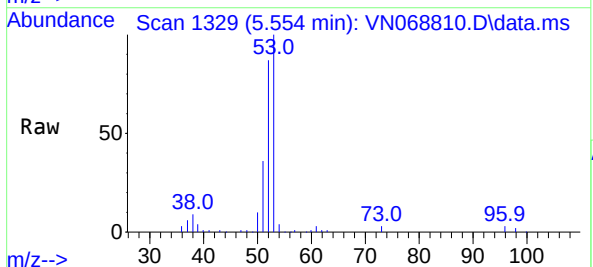
Manual Integrations
APPROVED

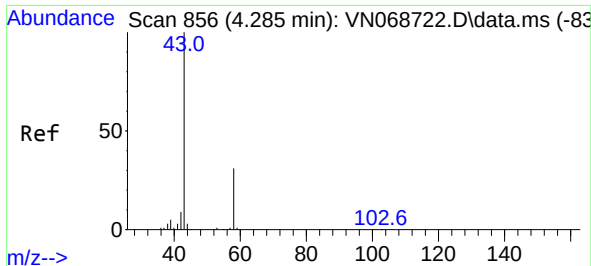
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#14
Acrylonitrile
Concen: 103.90 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.005 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 53 Resp: 276447
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 37.4 19.0 57.0





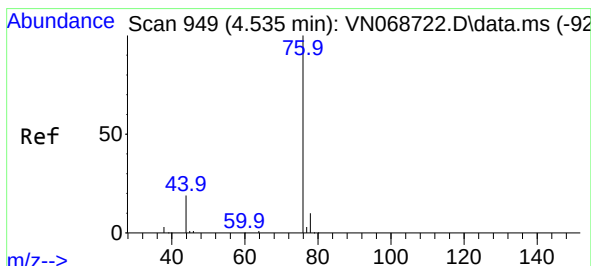
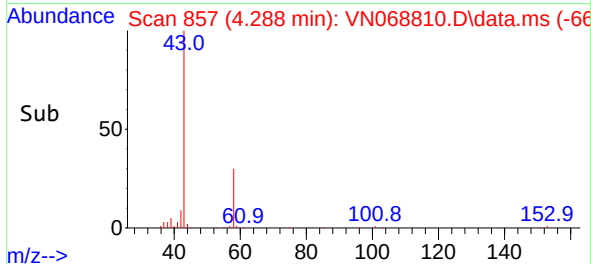
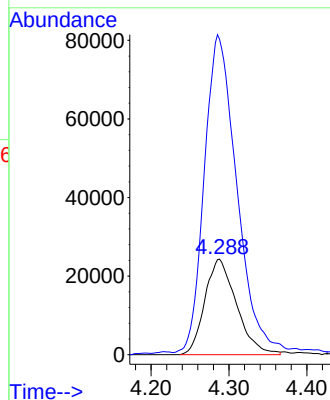
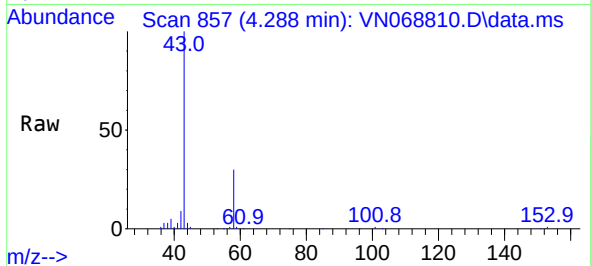
#15
Acetone
Concen: 93.47 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 58 Resp: 68887
Ion Ratio Lower Upper
58 100
43 325.4 256.6 384.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

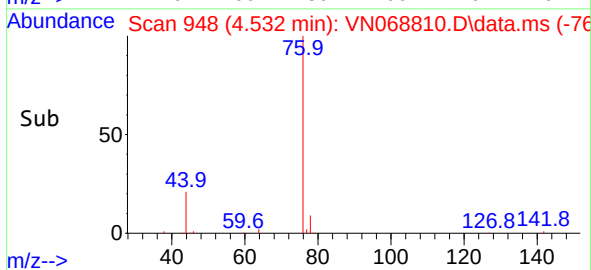
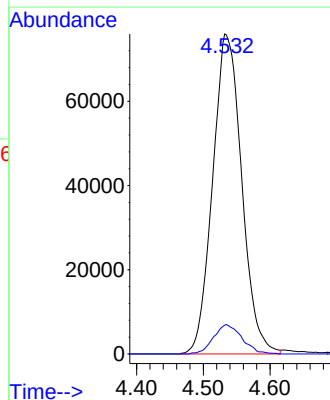
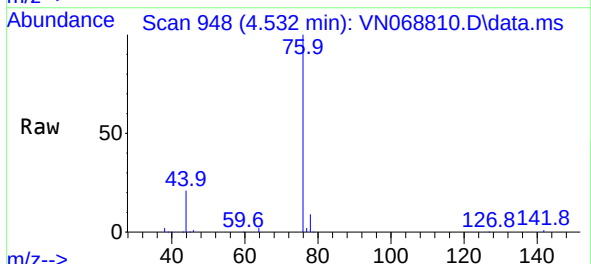
Manual Integrations
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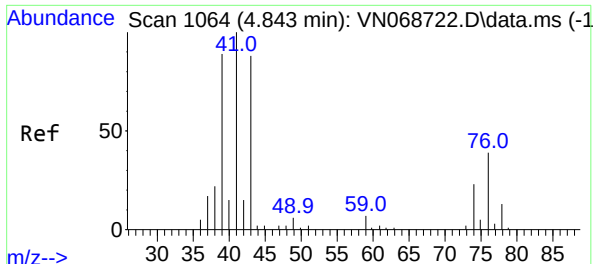
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#16
Carbon Disulfide
Concen: 17.69 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

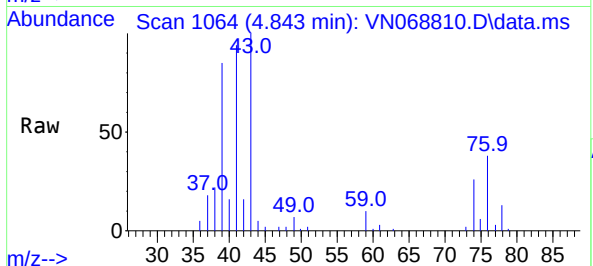
Tgt Ion: 76 Resp: 229803
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#17
Allyl chloride
Concen: 18.96 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

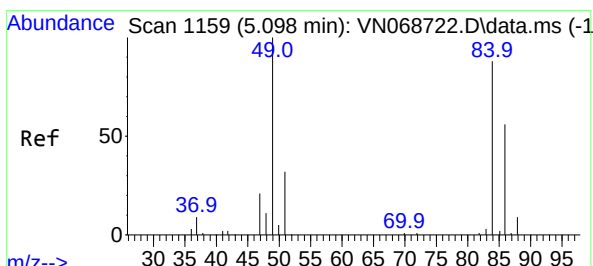
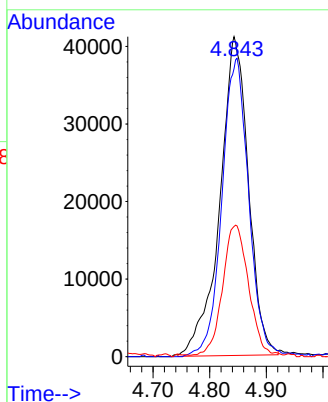
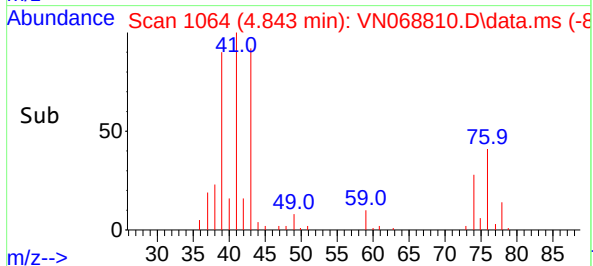
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



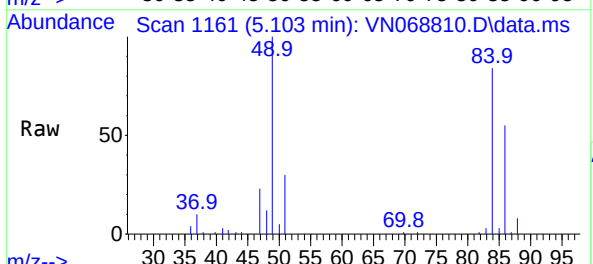
Tgt Ion: 41 Resp: 144555
Ion Ratio Lower Upper
41 100
39 90.5 44.6 134.0
76 40.1 19.6 58.7

Manual Integrations
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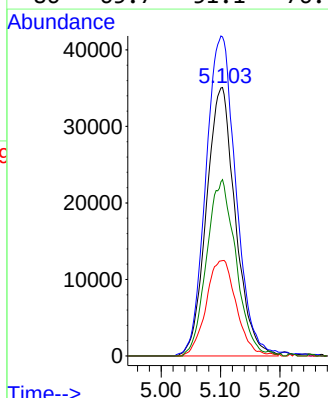
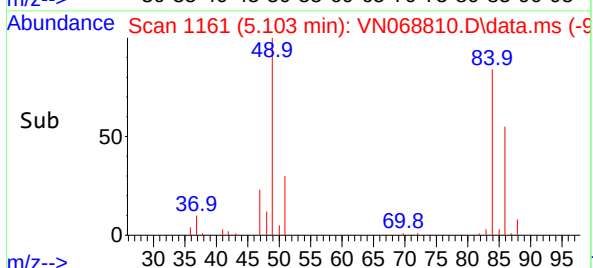
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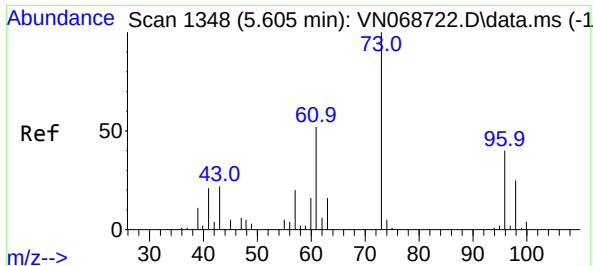


#18
Methylene Chloride
Concen: 19.75 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.005 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



Tgt Ion: 84 Resp: 119024
Ion Ratio Lower Upper
84 100
49 118.1 91.4 137.0
51 35.5 29.4 44.0
86 65.7 51.1 76.7





#19

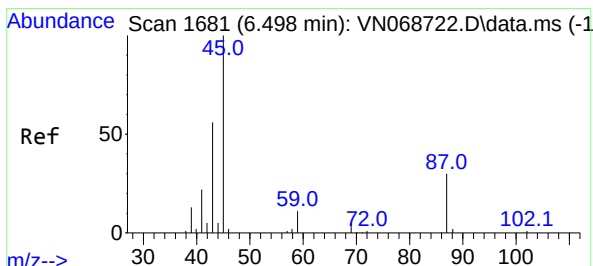
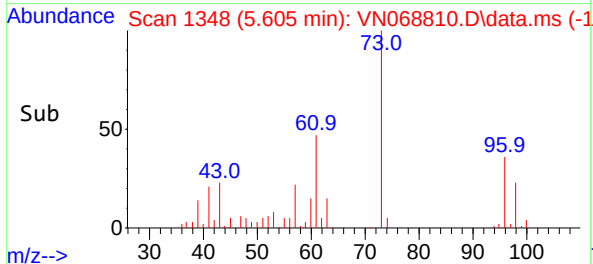
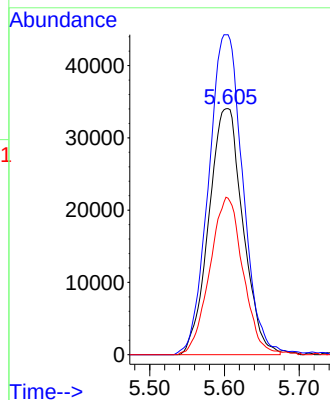
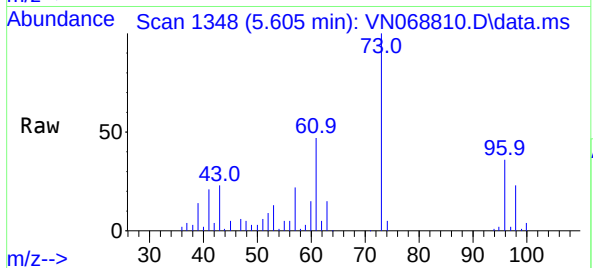
trans-1,2-Dichloroethene
Concen: 19.02 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 96 Resp: 107818
Ion Ratio Lower Upper
96 100
61 128.4 102.8 154.2
98 62.9 49.3 73.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

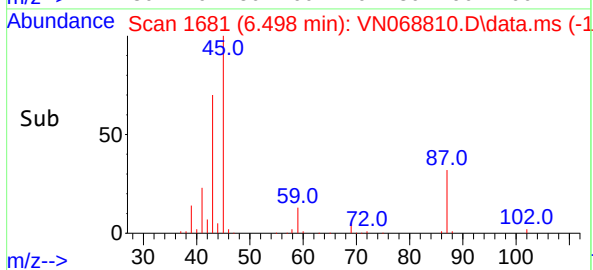
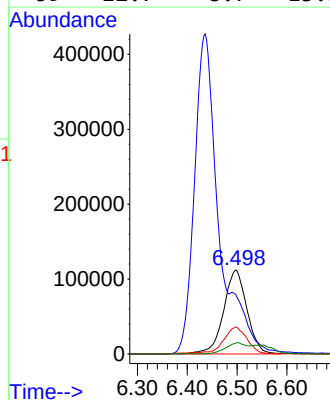
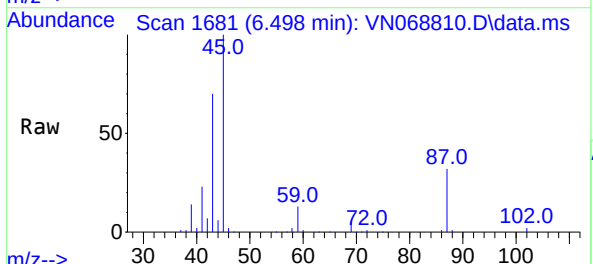
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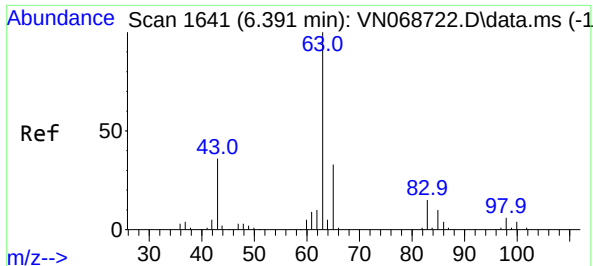


#20

Diisopropyl ether
Concen: 20.55 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 45 Resp: 364287
Ion Ratio Lower Upper
45 100
43 66.9 51.0 76.4
87 32.1 25.0 37.4
59 12.7 8.7 13.1





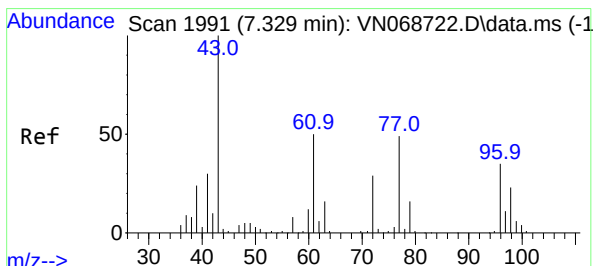
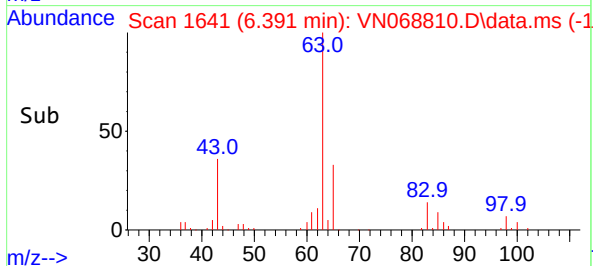
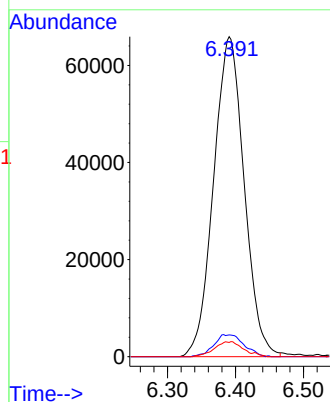
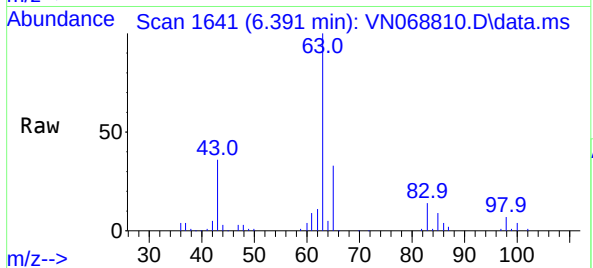
#21
1,1-Dichloroethane
Concen: 19.99 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 63 Resp: 205699
Ion Ratio Lower Upper
63 100
98 6.8 3.2 9.6
100 4.5 2.1 6.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

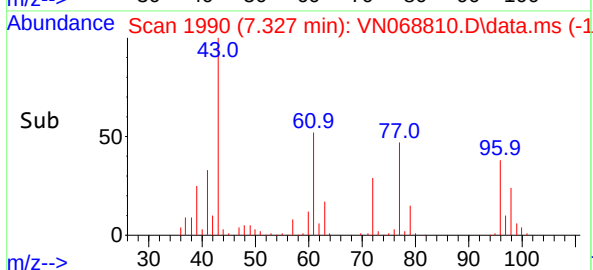
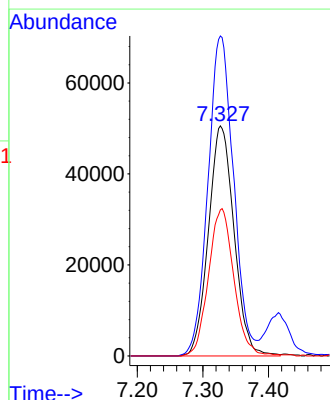
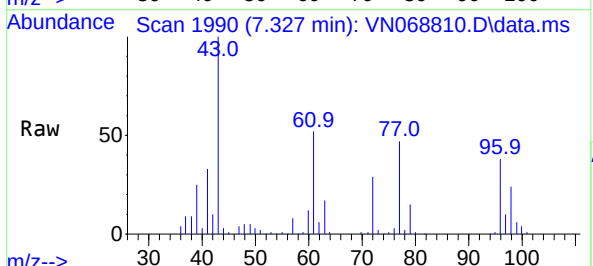
Manual Integrations
APPROVED

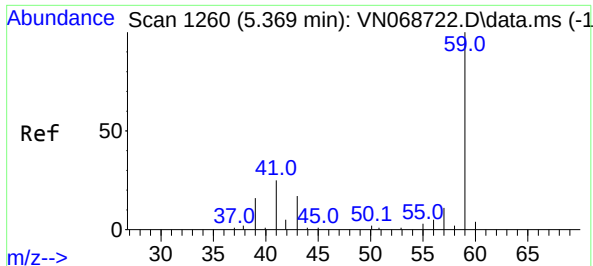
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#22
cis-1,2-Dichloroethene
Concen: 19.89 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 96 Resp: 137235
Ion Ratio Lower Upper
96 100
61 139.2 115.7 173.5
98 63.1 51.6 77.4





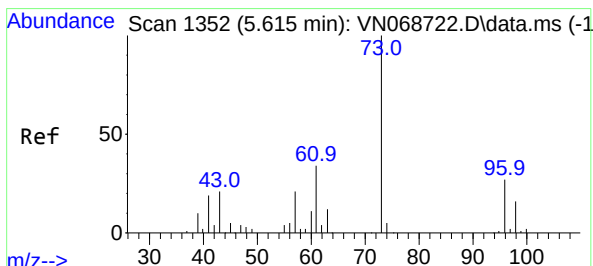
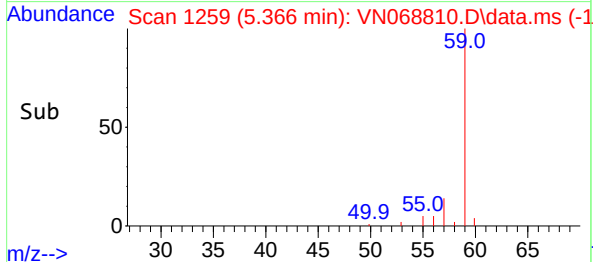
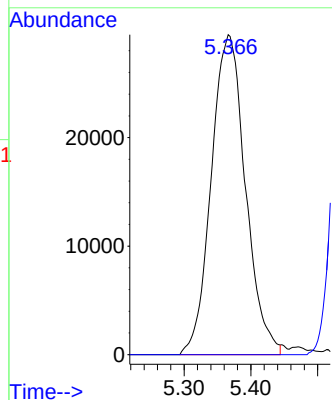
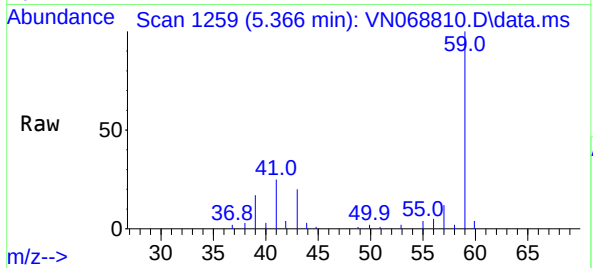
#23
tert-Butyl Alcohol
Concen: 106.21 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 59 Resp: 104853
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

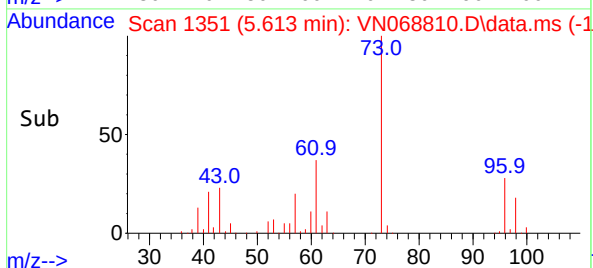
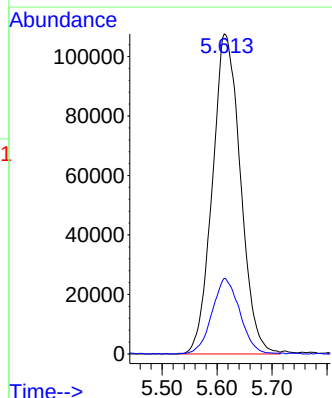
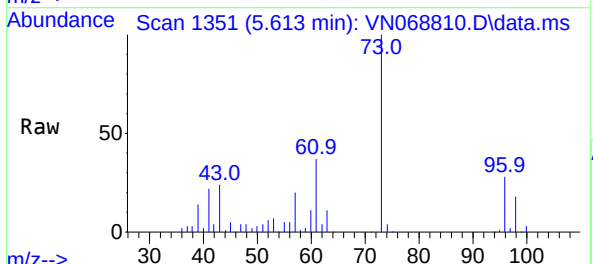
Manual Integrations
APPROVED

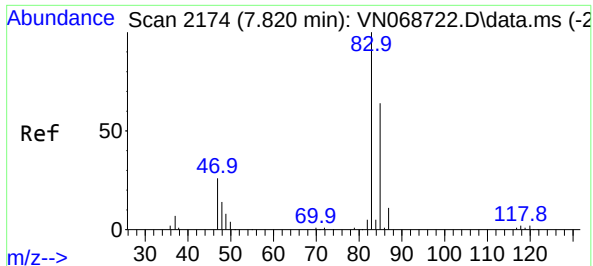
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#24
Methyl tert-Butyl Ether
Concen: 20.26 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

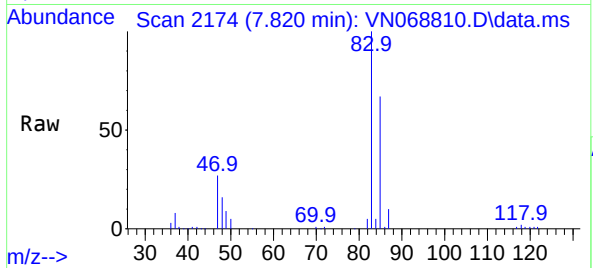
Tgt Ion: 73 Resp: 381851
Ion Ratio Lower Upper
73 100
43 23.0 18.1 27.1





#25
Chloroform
Concen: 20.34 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

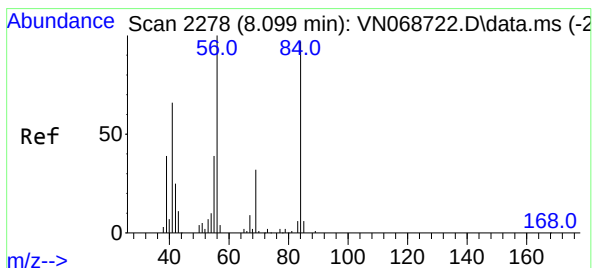
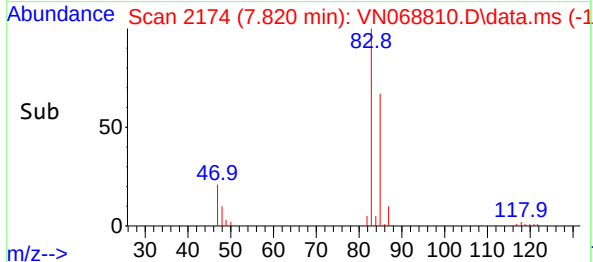
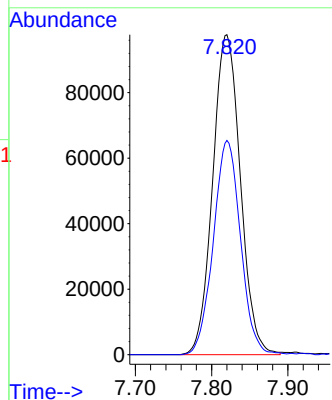
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



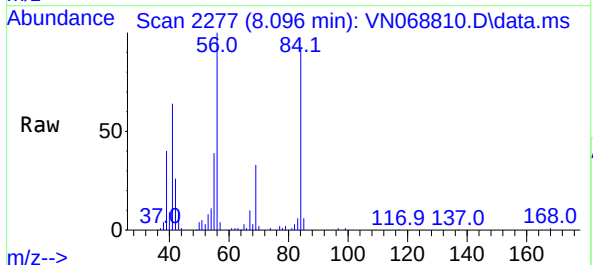
Tgt Ion: 83 Resp: 246711
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9

Manual Integrations
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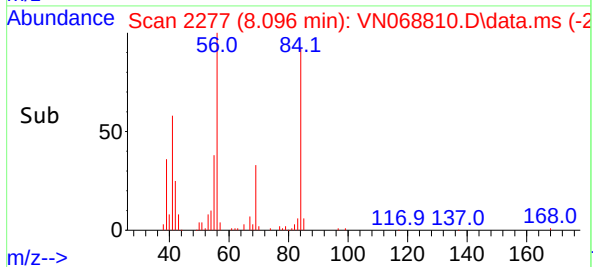
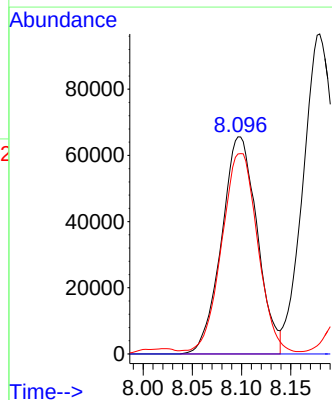
MMDadoda
10/6/2021 7:02:50 PM

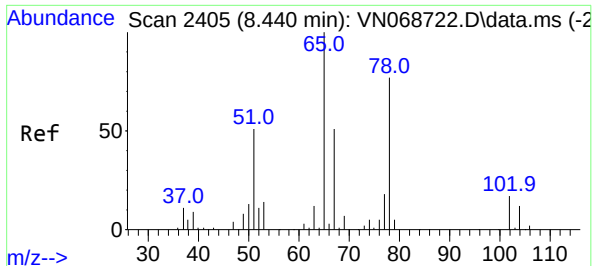


#26
Cyclohexane
Concen: 18.48 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



Tgt Ion: 56 Resp: 165531
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 91.4 74.6 111.8





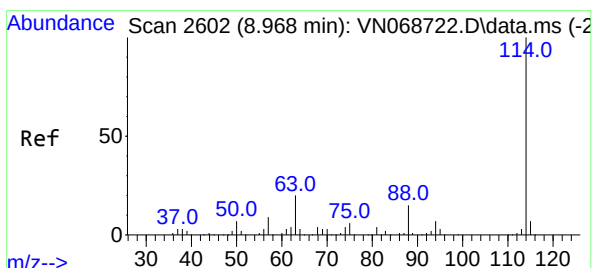
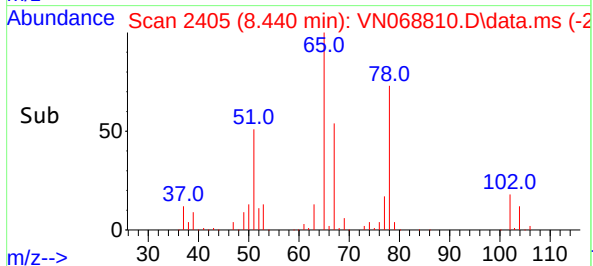
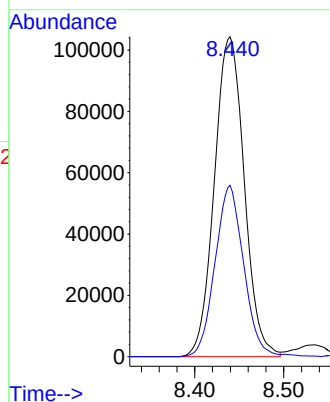
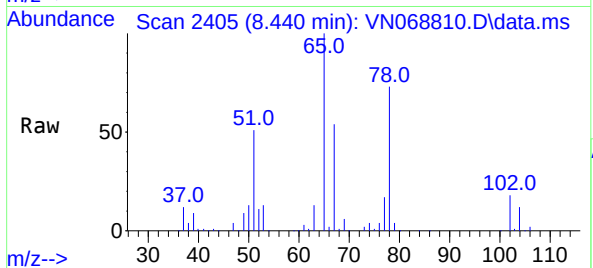
#27
1,2-Dichloroethane-d4
Concen: 32.46 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 65 Resp: 243404
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

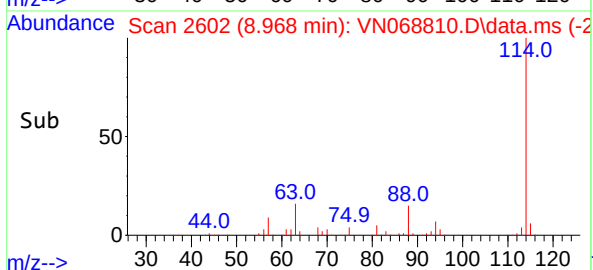
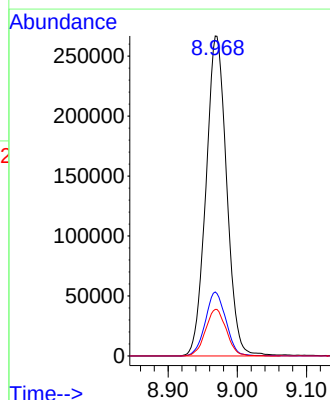
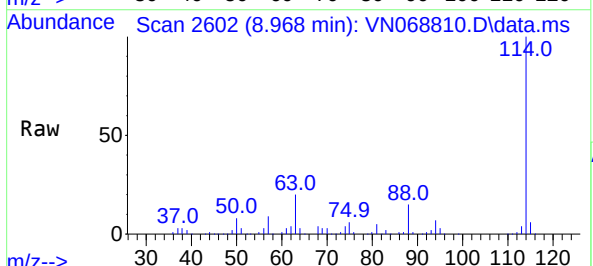
Manual Integrations
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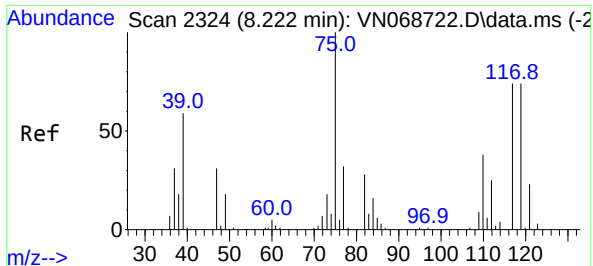
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 114 Resp: 552848
Ion Ratio Lower Upper
114 100
63 19.9 15.8 23.6
88 14.7 11.6 17.4





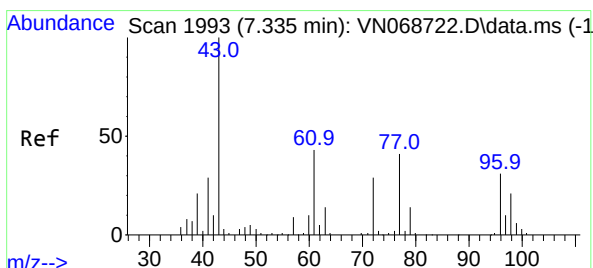
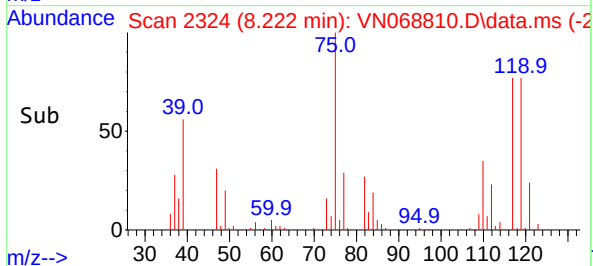
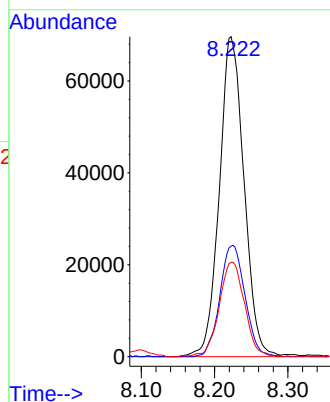
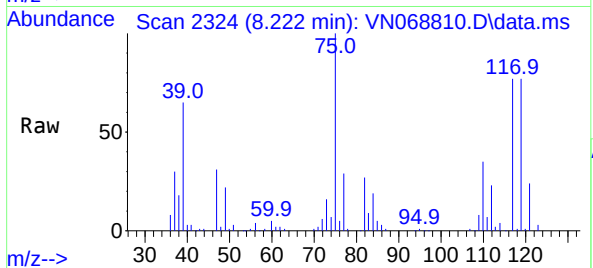
#29
1,1-Dichloropropene
Concen: 18.53 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 162811
Ion Ratio Lower Upper
75 100
110 35.5 0.0 74.2
77 29.4 0.0 63.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

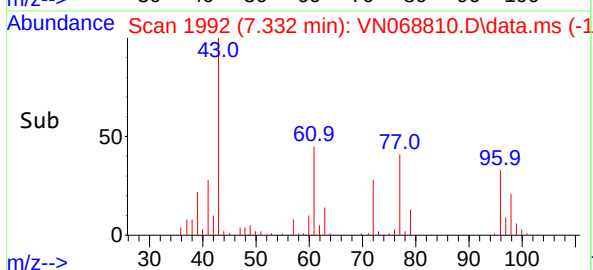
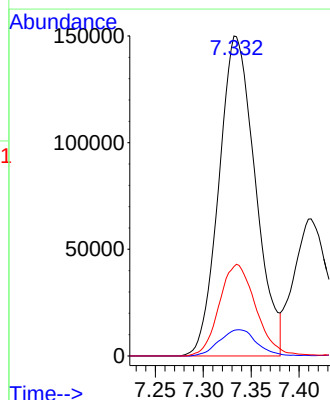
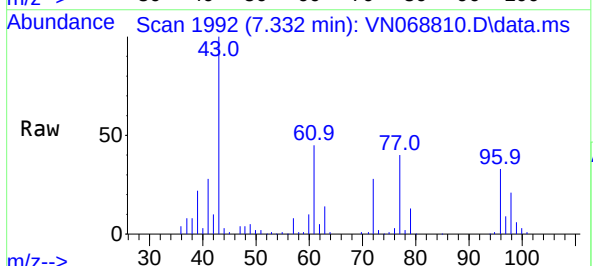
Manual Integrations
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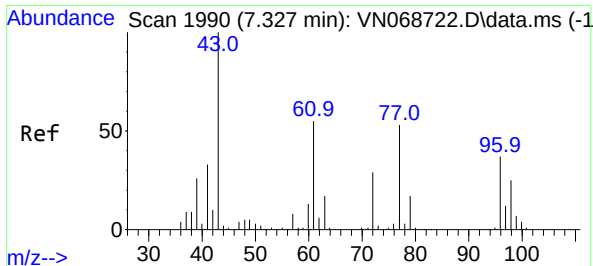
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#30
2-Butanone
Concen: 100.29 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 395746
Ion Ratio Lower Upper
43 100
57 8.4 6.7 10.1
72 28.9 23.2 34.8





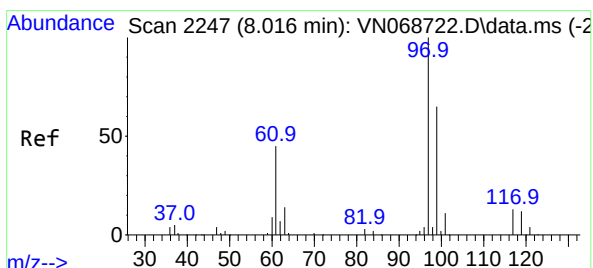
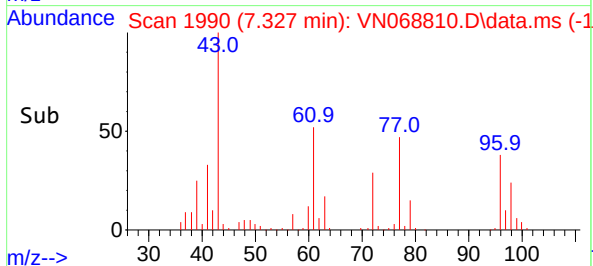
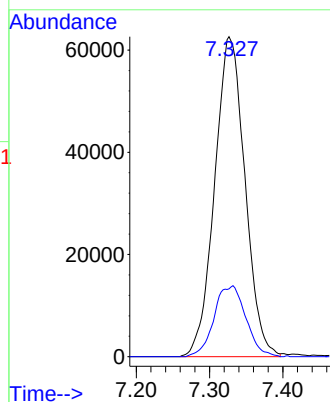
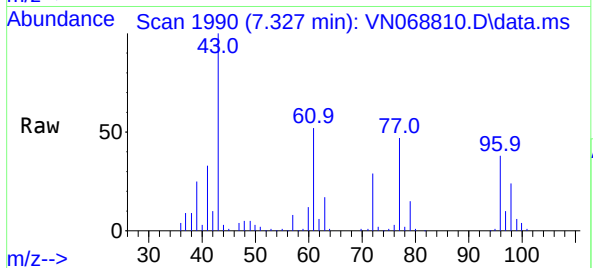
#31
2,2-Dichloropropane
Concen: 17.83 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 77 Resp: 179965
Ion Ratio Lower Upper
77 100
97 10.4 18.3 27.5#

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

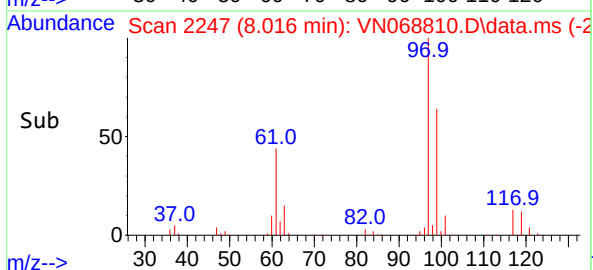
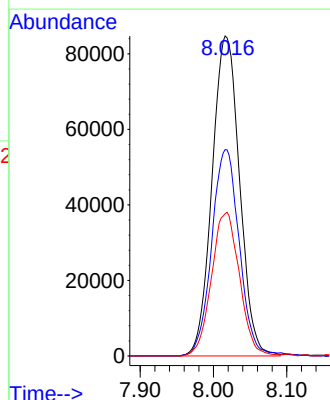
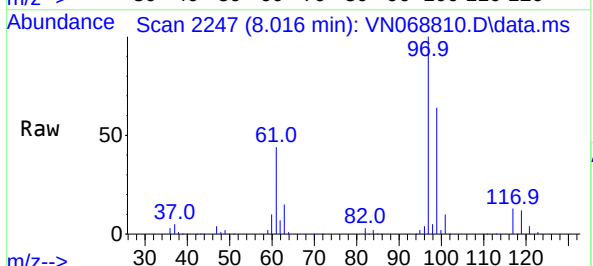
Manual Integrations
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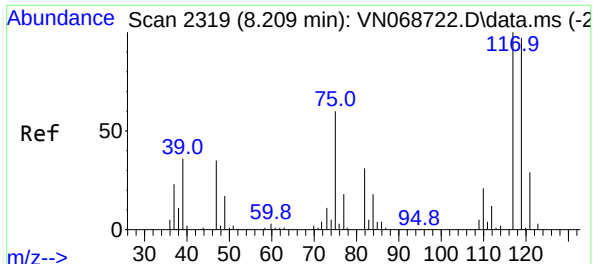
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#32
1,1,1-Trichloroethane
Concen: 19.62 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 97 Resp: 220950
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 45.7 34.6 51.8





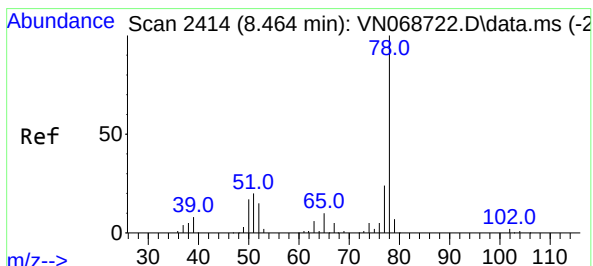
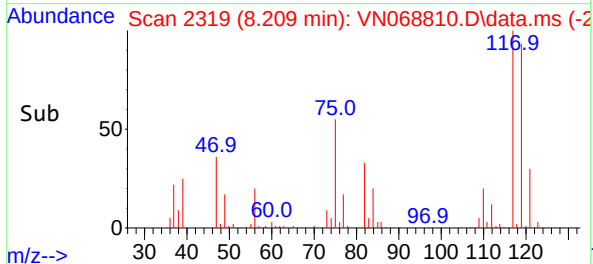
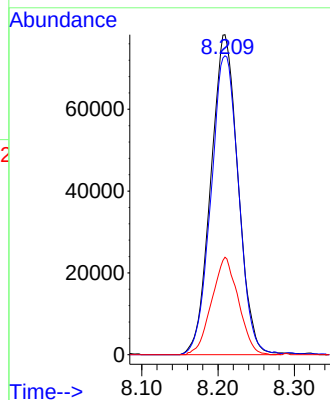
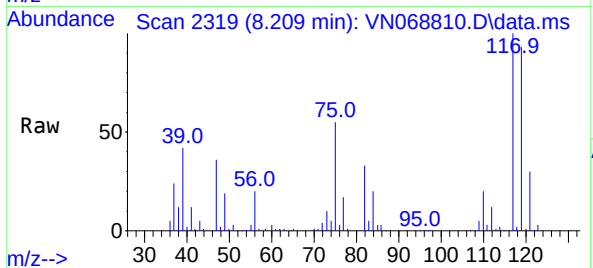
#33
Carbon Tetrachloride
Concen: 19.37 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 117 Resp: 193880
Ion Ratio Lower Upper
117 100
119 93.4 77.5 116.3
121 30.4 23.5 35.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

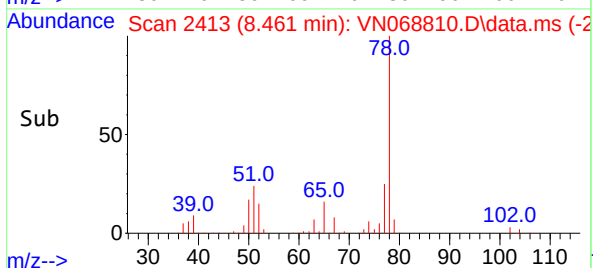
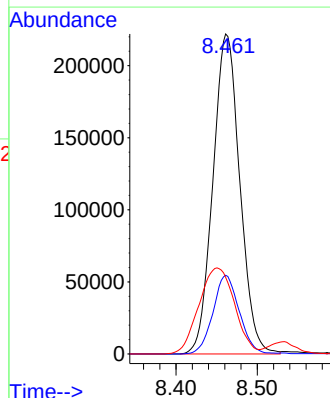
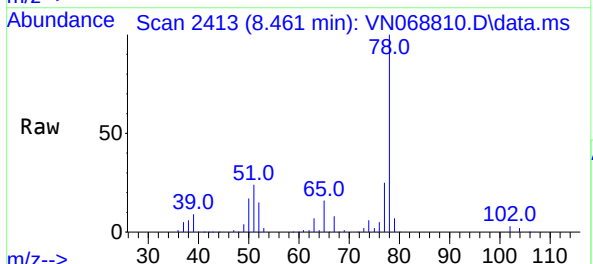
Manual Integrations
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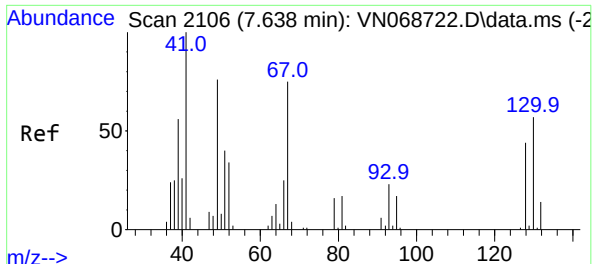
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#34
Benzene
Concen: 19.61 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 78 Resp: 511196
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 22.5 16.0 24.0





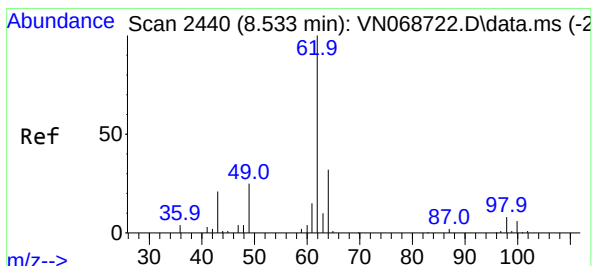
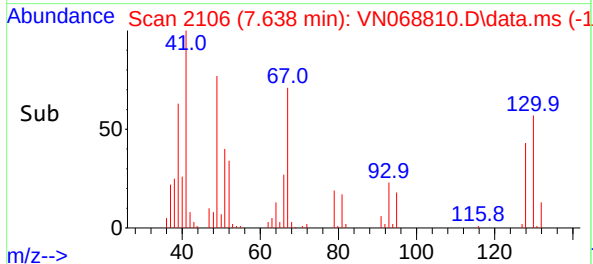
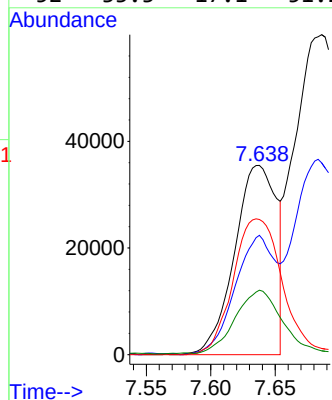
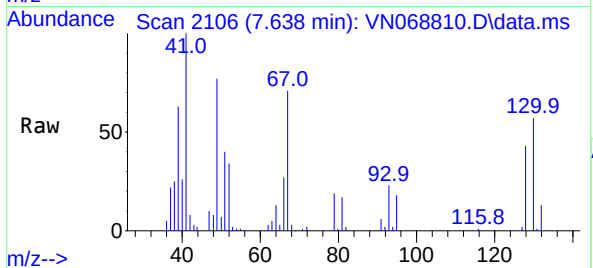
#35
Methacrylonitrile
Concen: 20.34 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 41 Resp: 80413
Ion Ratio Lower Upper
41 100
39 63.1 28.0 83.9
67 71.5 37.7 113.1
52 33.3 17.1 51.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

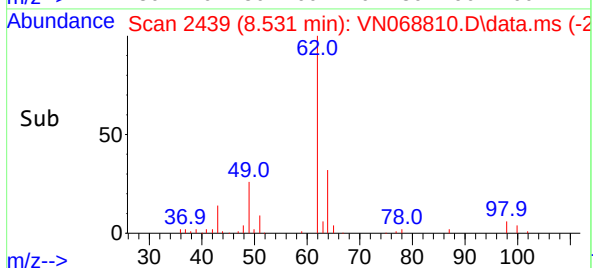
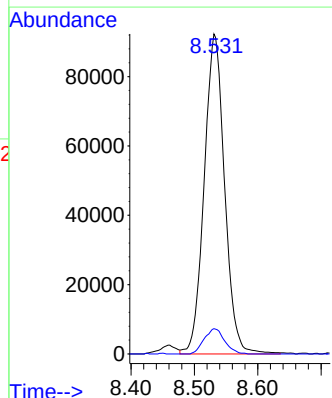
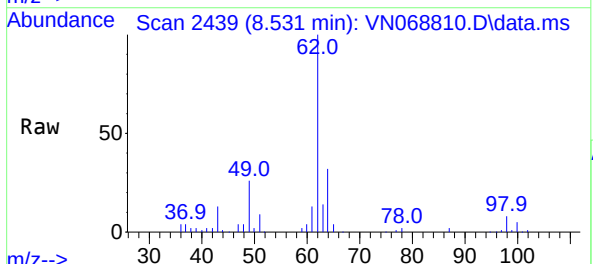
Manual Integrations
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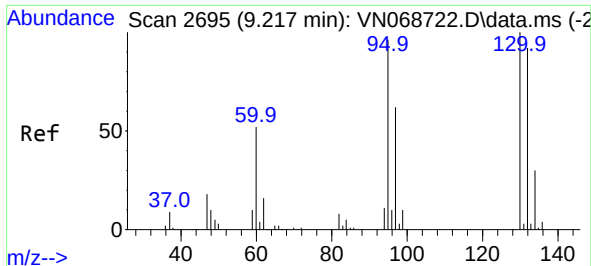
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#36
1,2-Dichloroethane
Concen: 21.19 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 62 Resp: 206610
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





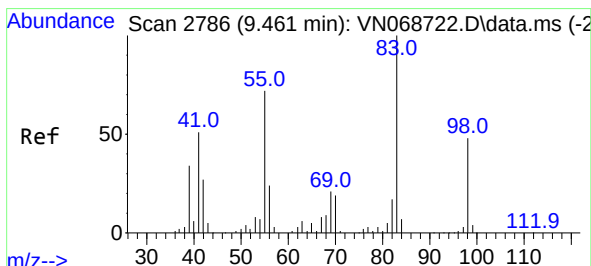
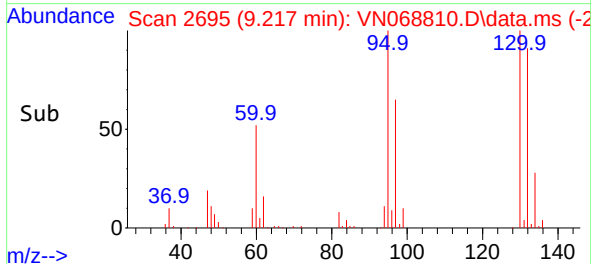
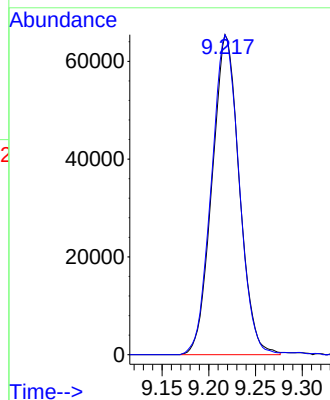
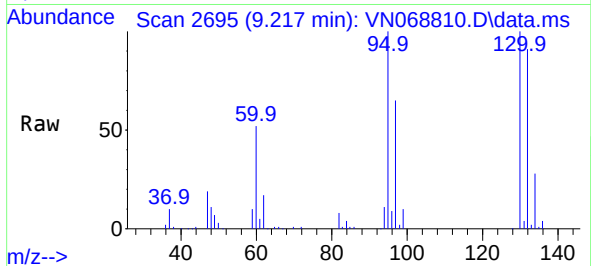
#37
Trichloroethene
Concen: 19.24 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:130 Resp: 132615
Ion Ratio Lower Upper
130 100
95 100.0 76.6 115.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

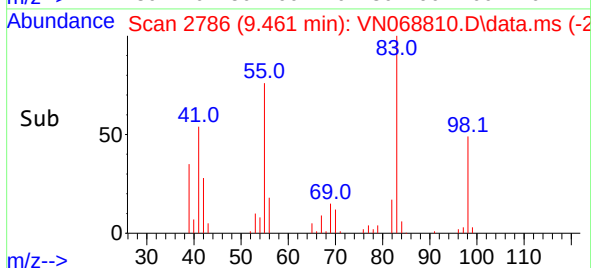
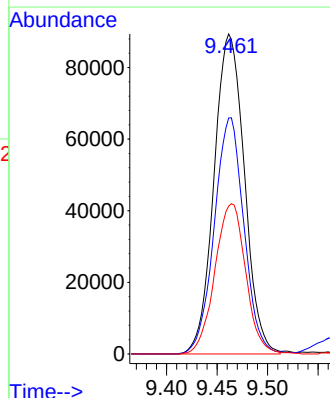
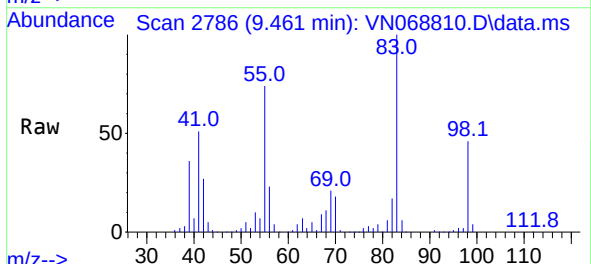
Manual Integrations
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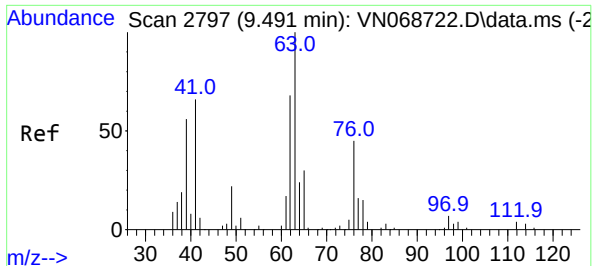
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#38
Methylcyclohexane
Concen: 17.20 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 83 Resp: 187047
Ion Ratio Lower Upper
83 100
55 72.2 35.1 105.3
98 47.7 23.4 70.2





#39

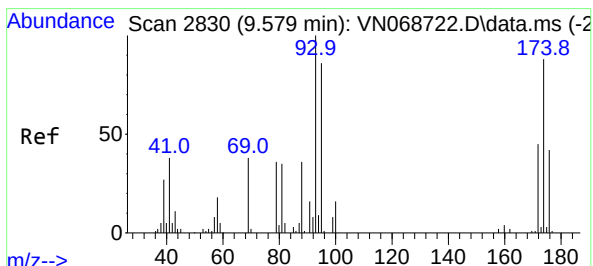
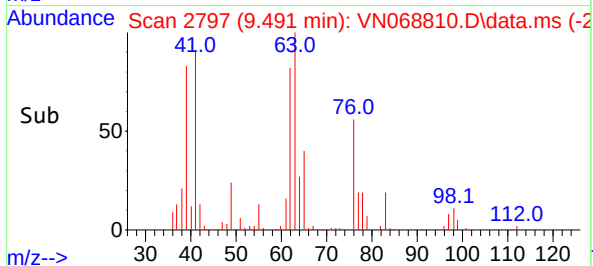
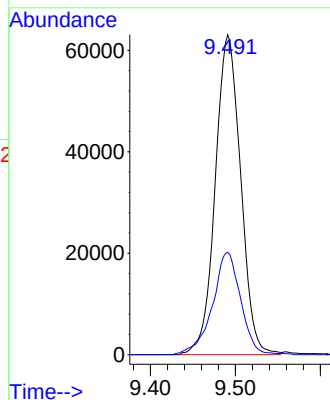
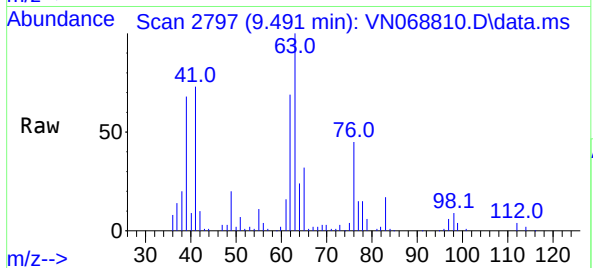
1,2-Dichloropropane
Concen: 20.32 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 131162
Ion Ratio Lower Upper
63 100
65 31.6 24.2 36.4

Manual Integrations
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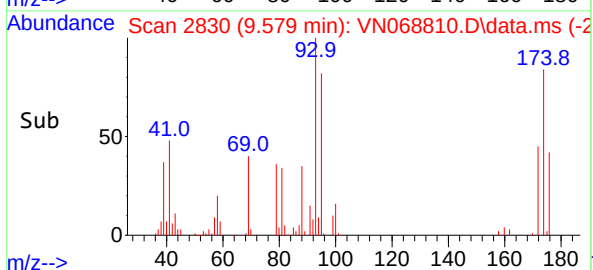
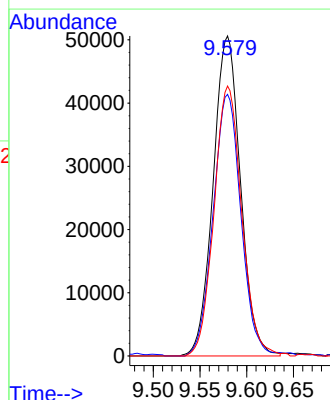
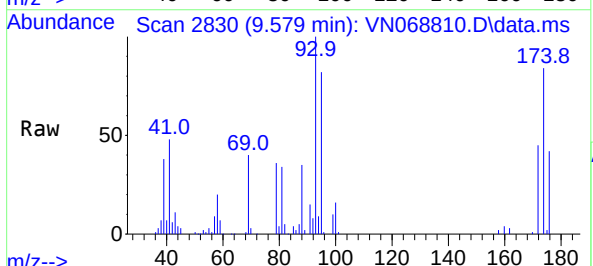
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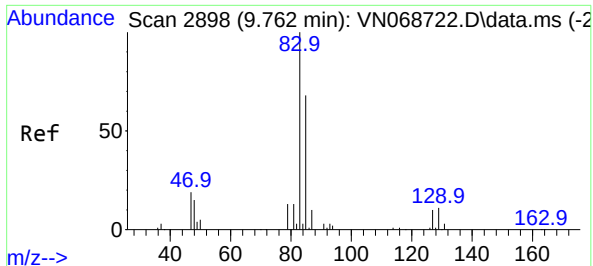


#40

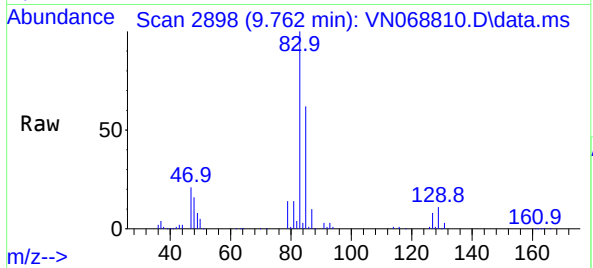
Dibromomethane
Concen: 20.26 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 93 Resp: 103253
Ion Ratio Lower Upper
93 100
95 82.9 0.0 168.8
174 85.1 0.0 173.6

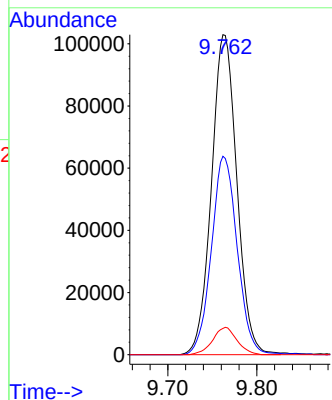




#41
Bromodichloromethane
Concen: 20.44 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



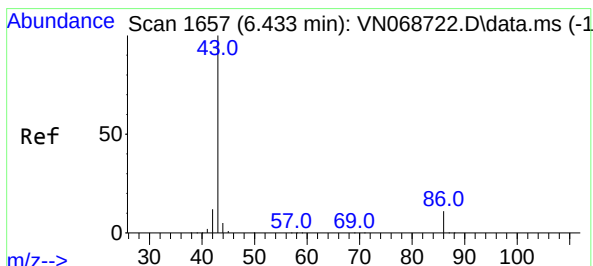
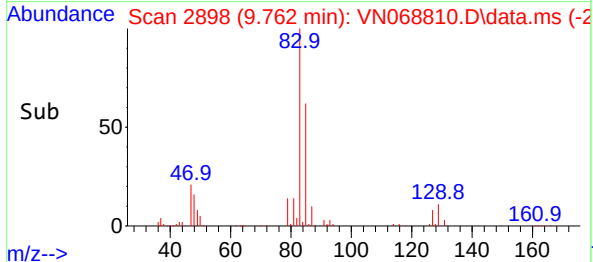
Tgt Ion: 83 Resp: 204173
Ion Ratio Lower Upper
83 100
85 62.0 54.1 81.1
127 8.2 7.6 11.4



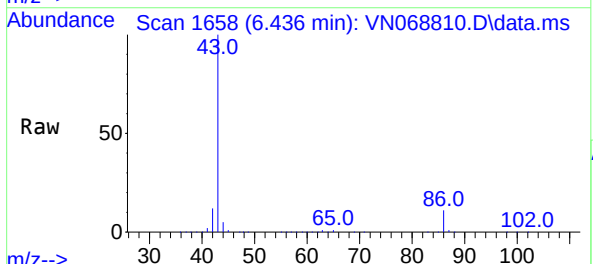
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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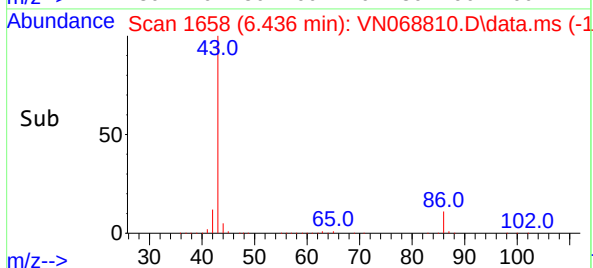
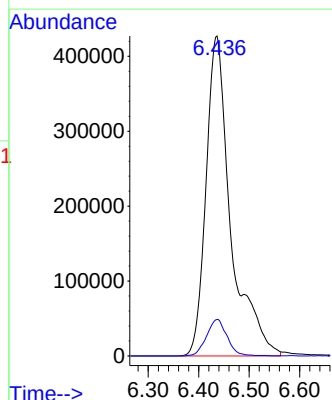
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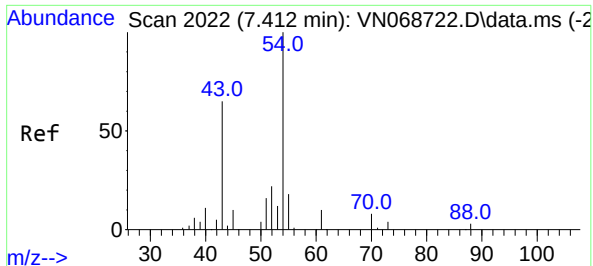


#42
Vinyl Acetate
Concen: 99.53 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



Tgt Ion: 43 Resp: 1454309
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





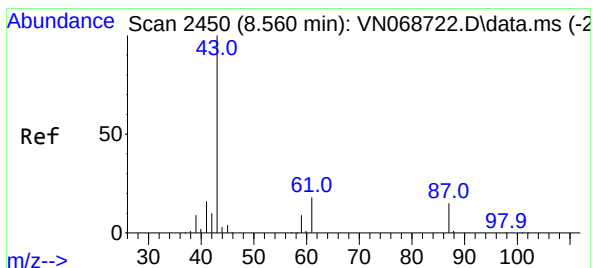
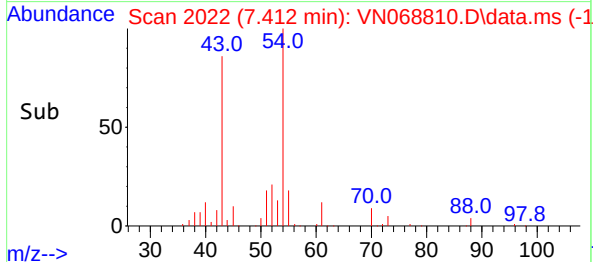
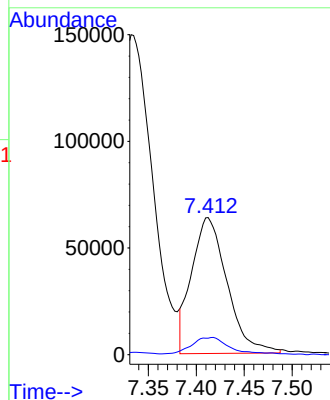
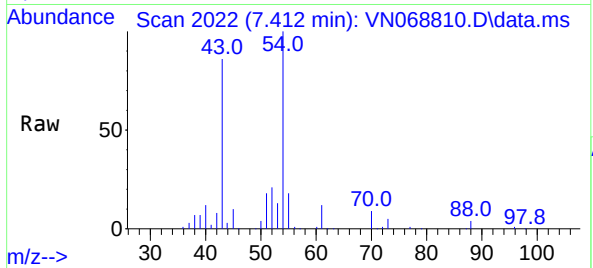
#43
Ethyl Acetate
Concen: 20.78 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 163952
Ion Ratio Lower Upper
43 100
45 5.2 10.6 16.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

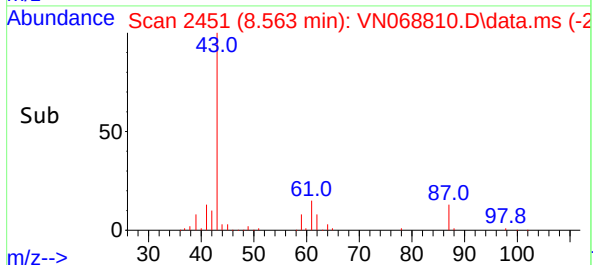
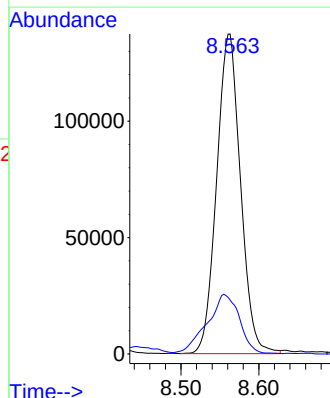
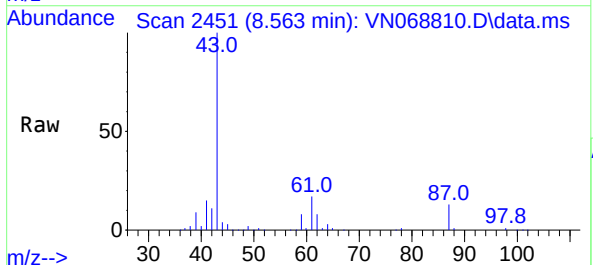
Manual Integrations
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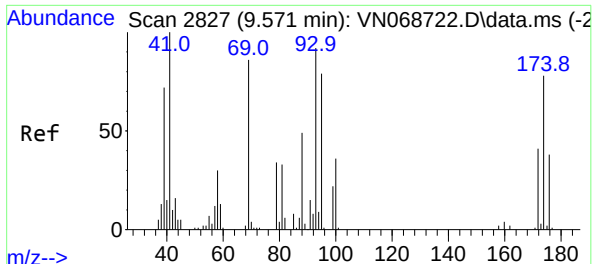
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#44
Isopropyl Acetate
Concen: 20.39 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 291301
Ion Ratio Lower Upper
43 100
61 24.5 20.1 30.1





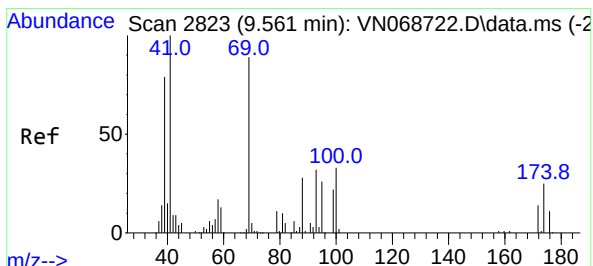
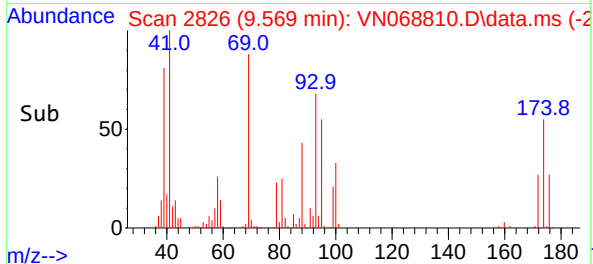
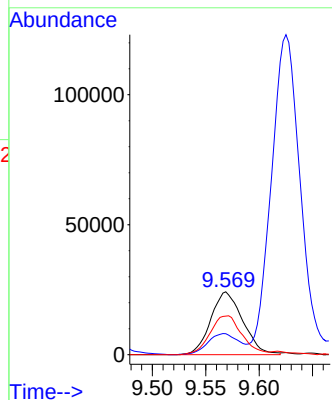
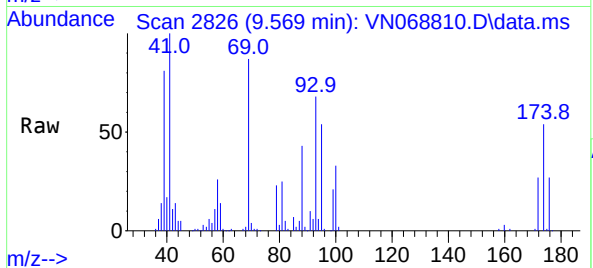
#45
1,4-Dioxane
Concen: 436.60 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 88 Resp: 50504
Ion Ratio Lower Upper
88 100
43 32.4 25.0 37.6
58 61.5 49.4 74.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

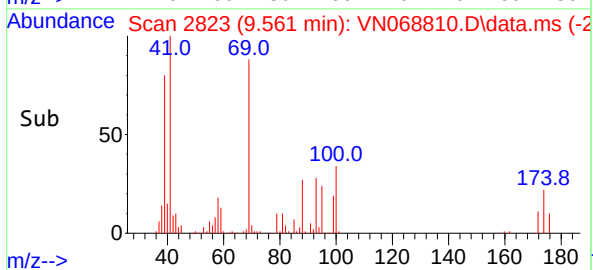
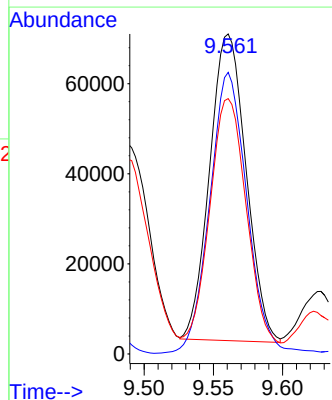
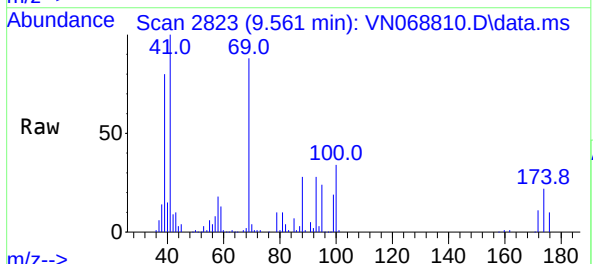
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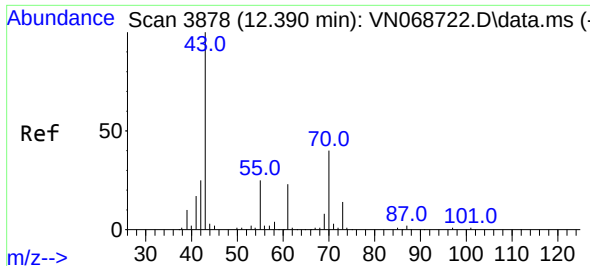
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#46
Methyl methacrylate
Concen: 19.71 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 41 Resp: 124556
Ion Ratio Lower Upper
41 100
69 90.5 44.4 133.2
39 80.1 39.9 119.6





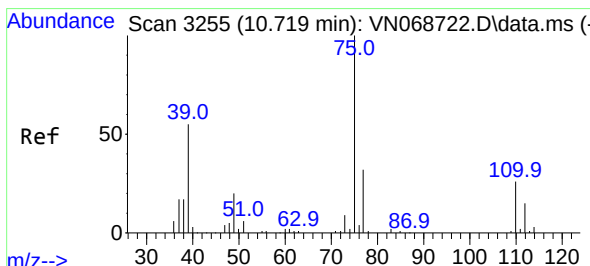
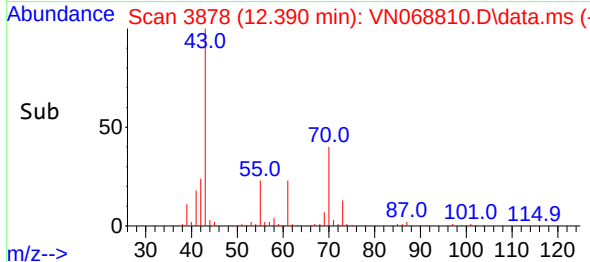
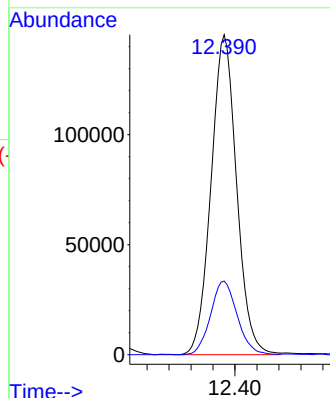
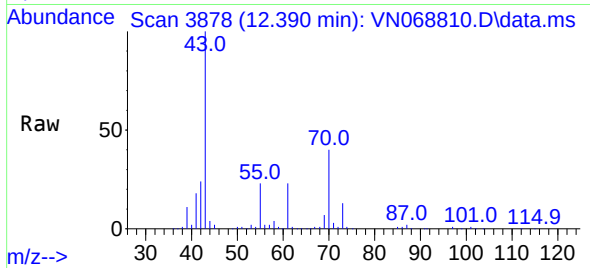
#47
n-amyl acetate
Concen: 19.37 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 43 Resp: 234331
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

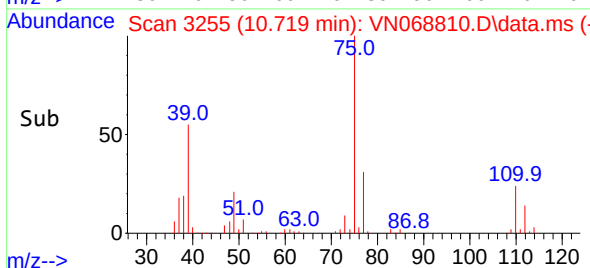
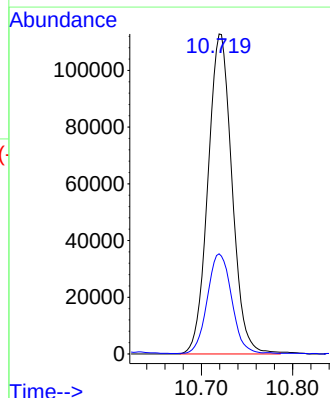
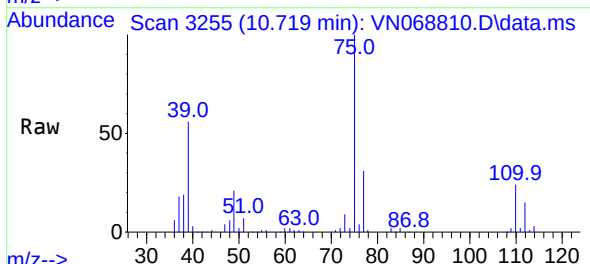
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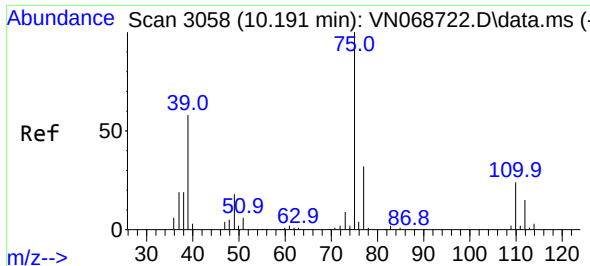
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#48
t-1,3-Dichloropropene
Concen: 19.01 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 206335
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.13 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN068810.D
 Acq: 5 Oct 2021 18:16

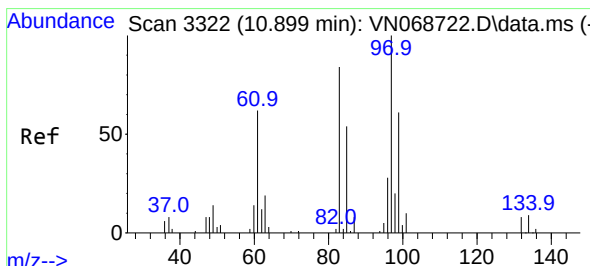
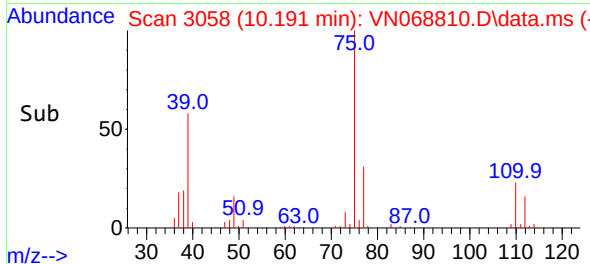
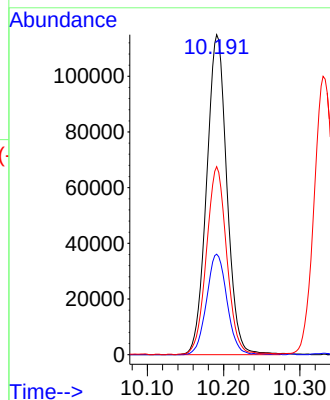
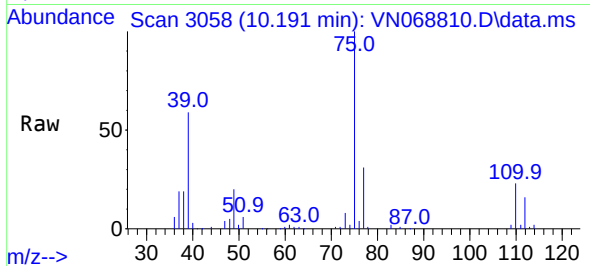
Tgt Ion: 75 Resp: 212314

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	58.5	46.2	69.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
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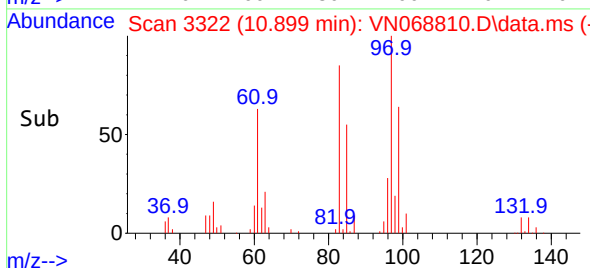
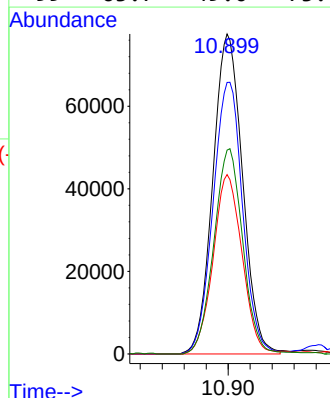
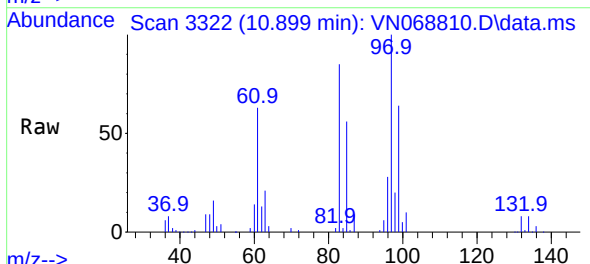
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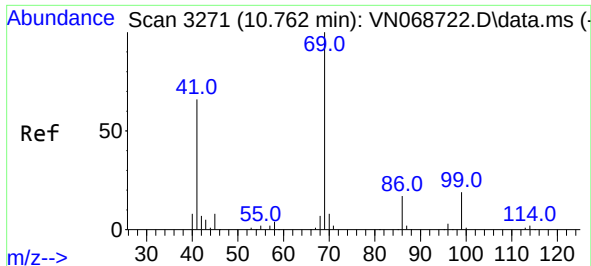


#50
 1,1,2-Trichloroethane
 Concen: 20.53 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.000 min
 Lab File: VN068810.D
 Acq: 5 Oct 2021 18:16

Tgt Ion: 97 Resp: 144979

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	56.0	43.0	64.4
99	63.7	49.0	73.4





#51
Ethyl methacrylate
Concen: 19.58 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

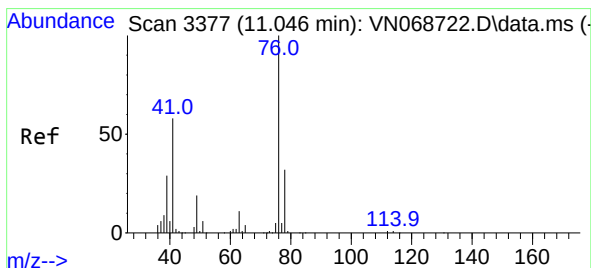
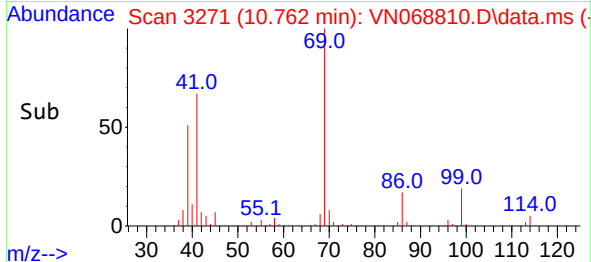
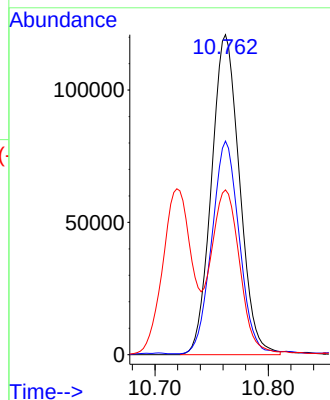
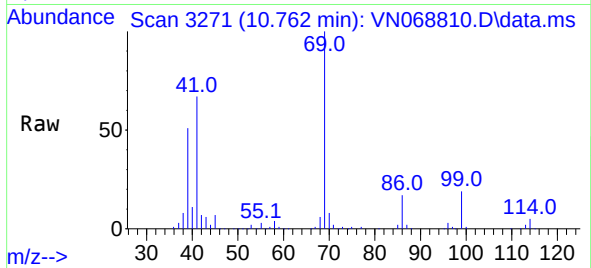
Tgt Ion: 69 Resp: 208291

Ion	Ratio	Lower	Upper
69	100		
41	66.5	33.0	98.9
39	50.6	25.4	76.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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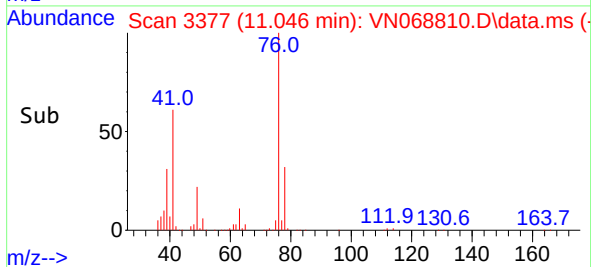
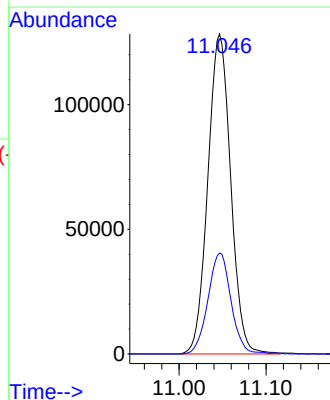
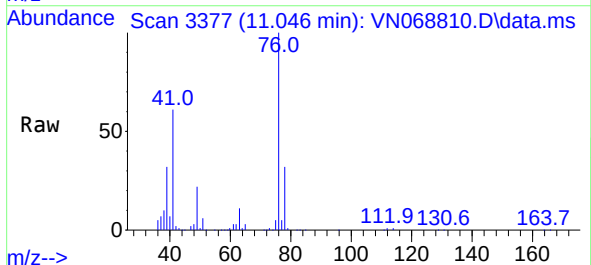
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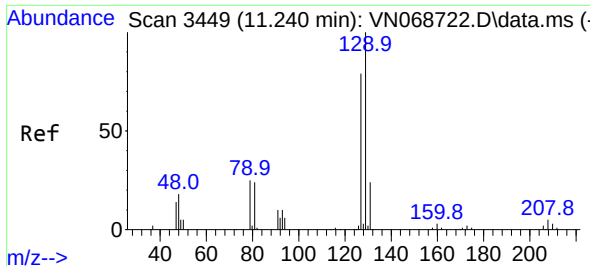


#52
1,3-Dichloropropane
Concen: 20.49 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 76 Resp: 234195

Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	65.4





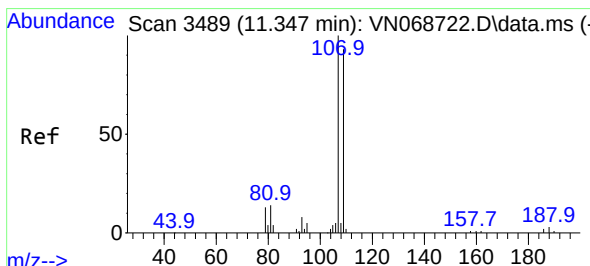
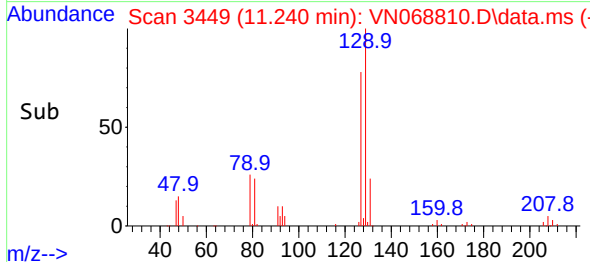
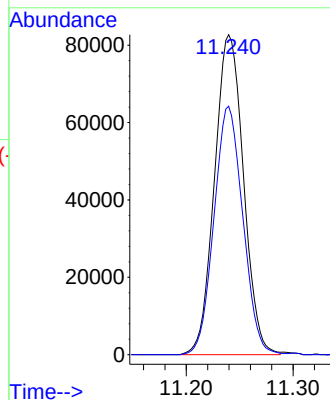
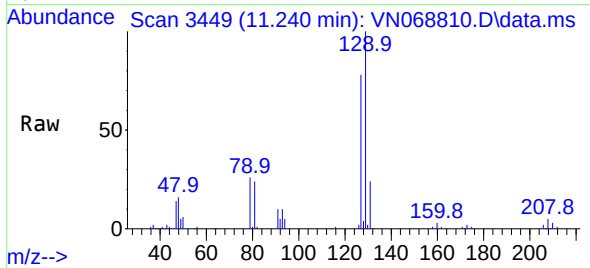
#53
Dibromochloromethane
Concen: 19.47 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 156149
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

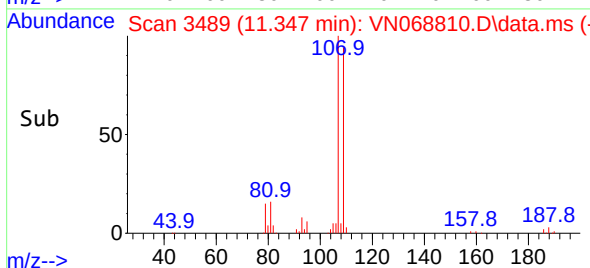
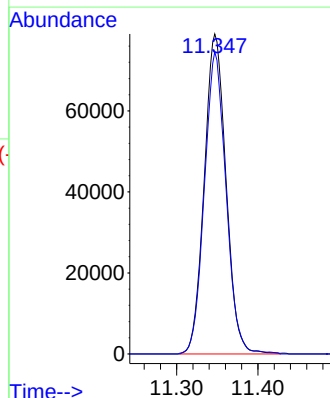
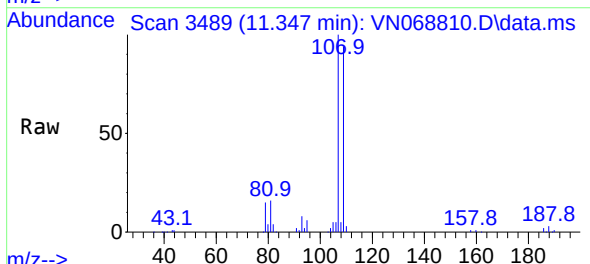
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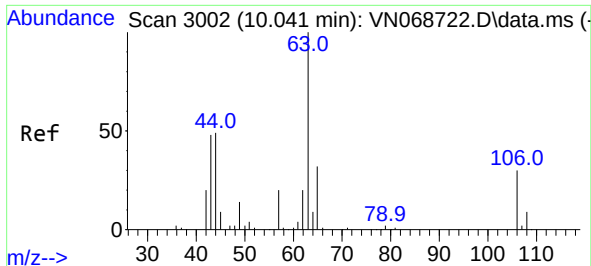
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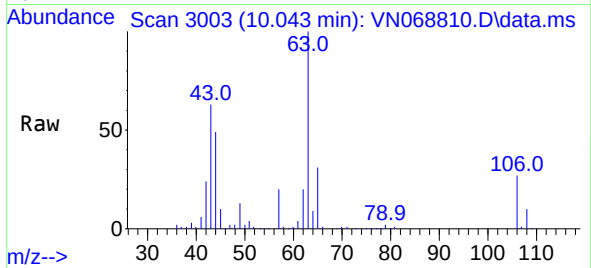
#54
1,2-Dibromoethane
Concen: 19.84 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:107 Resp: 146993
Ion Ratio Lower Upper
107 100
109 93.2 72.8 109.2

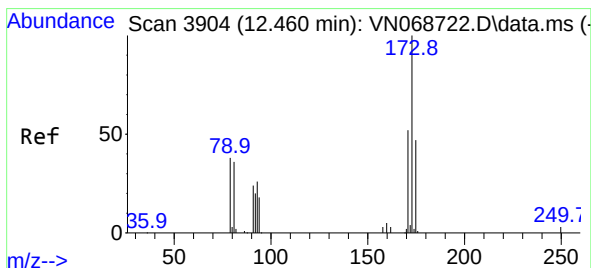
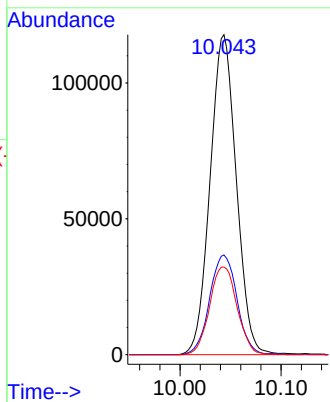
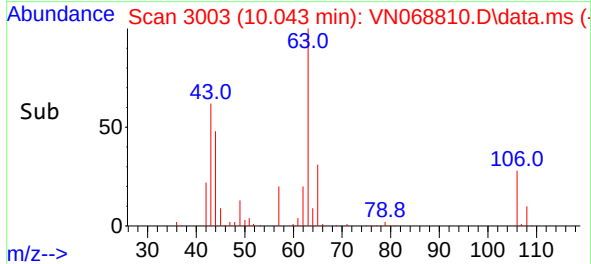




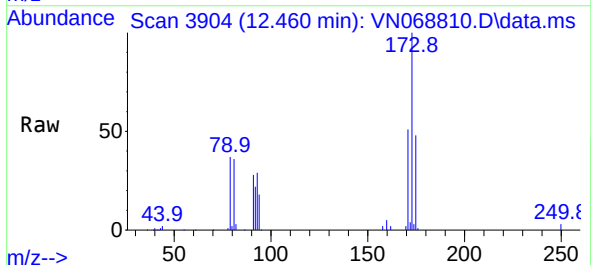
#55
2-Chloroethyl vinyl ether
Concen: 71.39 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



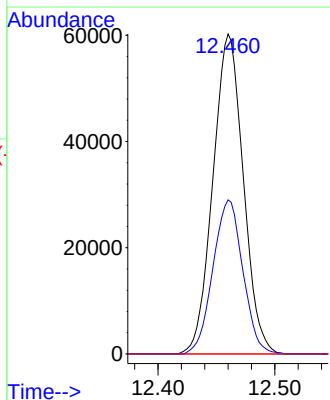
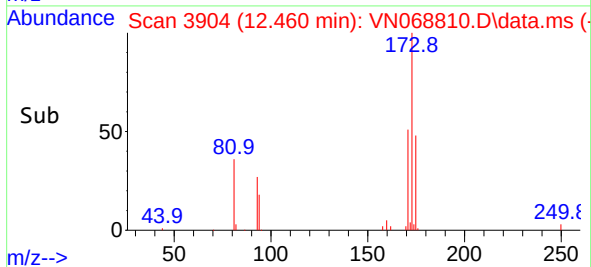
Tgt Ion: 63 Resp: 212011
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.0
106 28.8 23.2 34.8



#56
Bromoform
Concen: 18.79 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



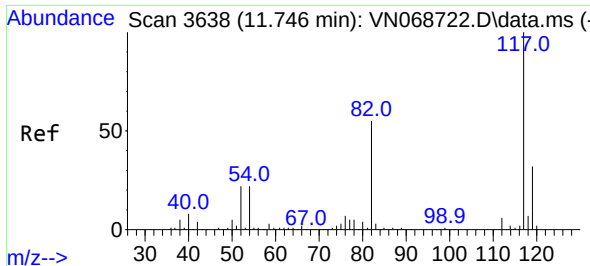
Tgt Ion: 173 Resp: 108677
Ion Ratio Lower Upper
173 100
175 47.4 38.6 58.0
254 0.0 0.0 0.0



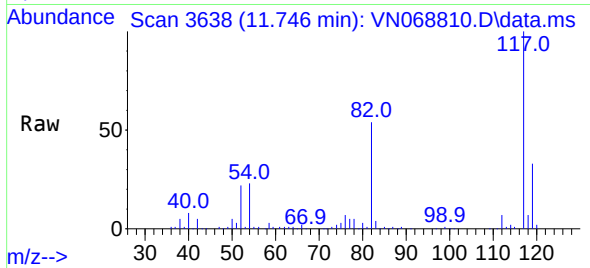
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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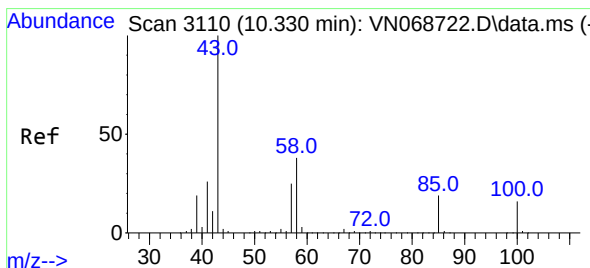
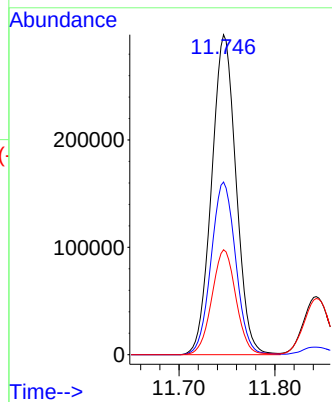
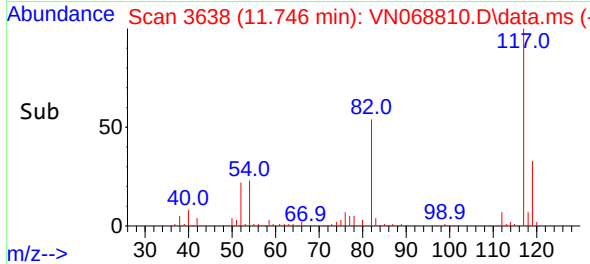
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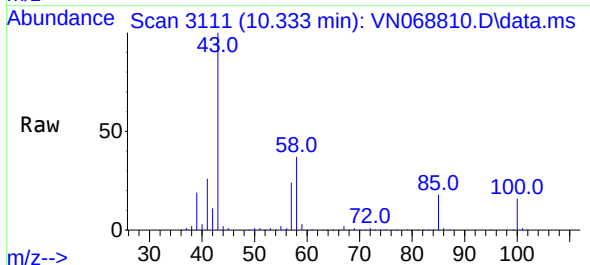
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



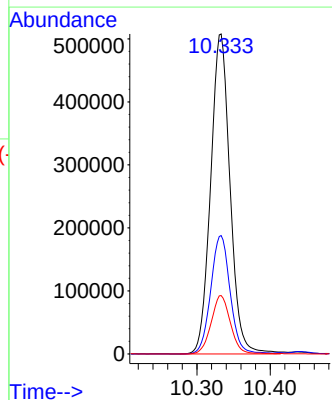
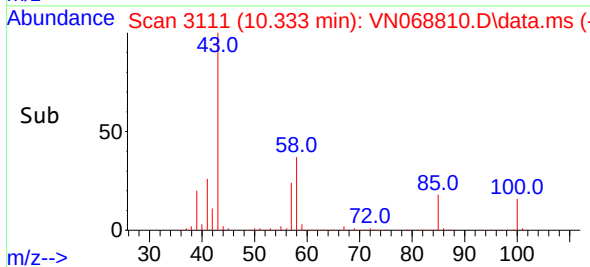
Tgt Ion: 117 Resp: 527832
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 104.89 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



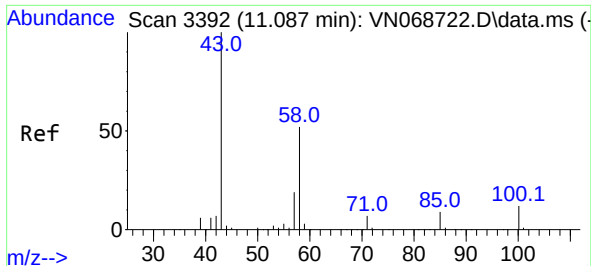
Tgt Ion: 43 Resp: 934529
Ion Ratio Lower Upper
43 100
58 37.1 30.0 45.0
85 18.0 15.0 22.6



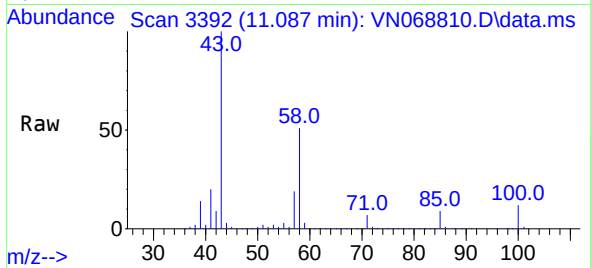
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MSVOA_N
ClientSampleId :
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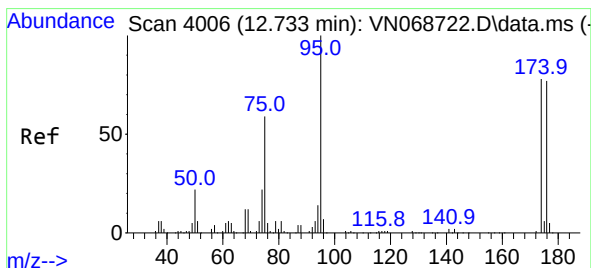
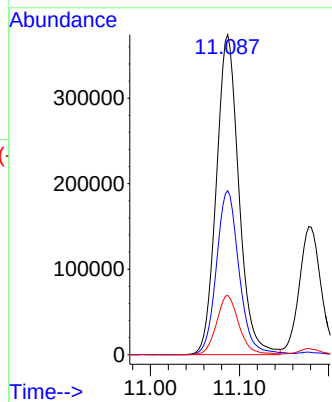
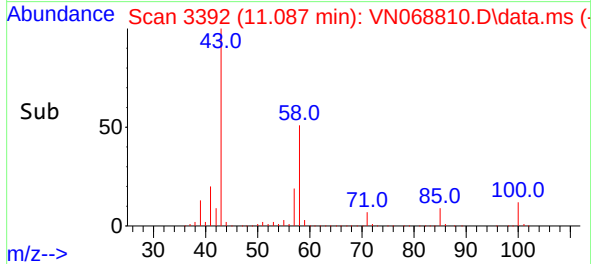
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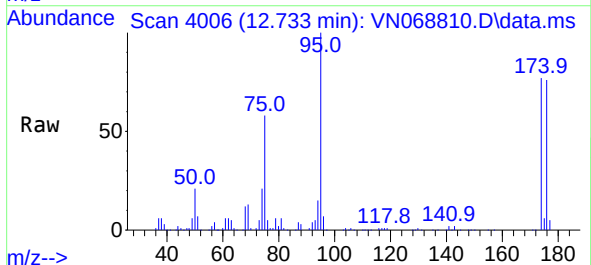
#59
2-Hexanone
Concen: 101.60 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



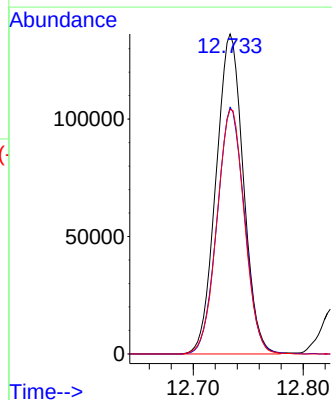
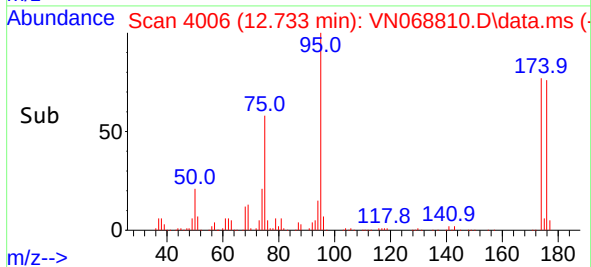
Tgt Ion: 43 Resp: 659339
Ion Ratio Lower Upper
43 100
58 51.6 42.2 63.2
57 18.4 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 28.54 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



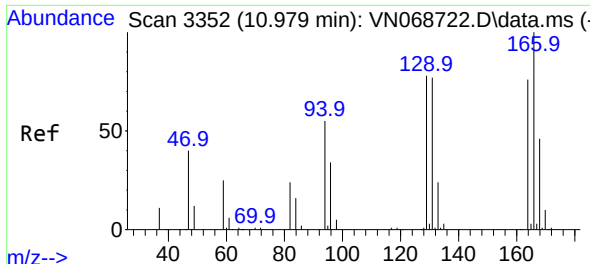
Tgt Ion: 95 Resp: 235354
Ion Ratio Lower Upper
95 100
174 77.5 62.9 94.3
176 76.9 61.0 91.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

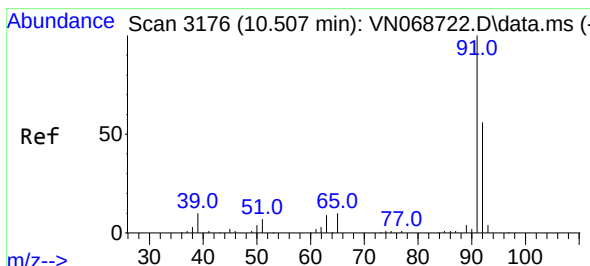
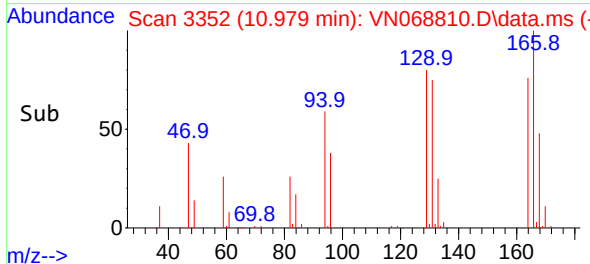
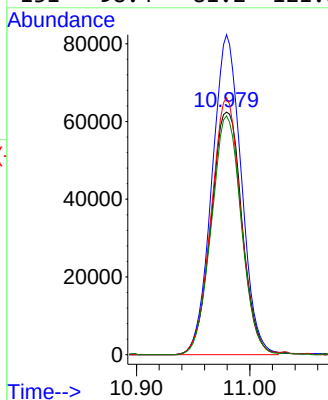
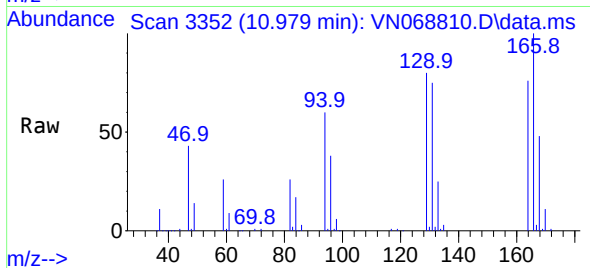
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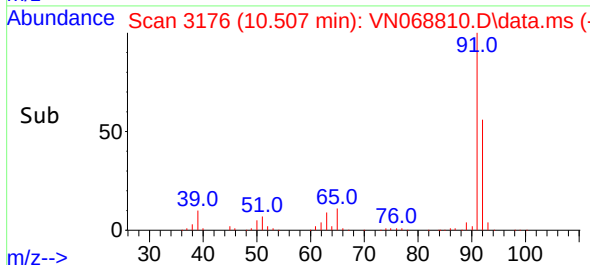
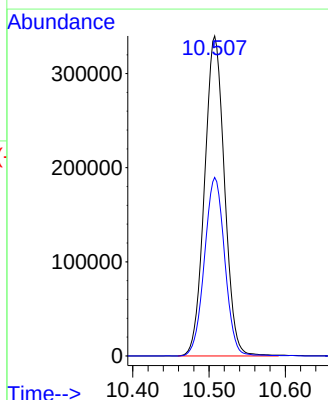
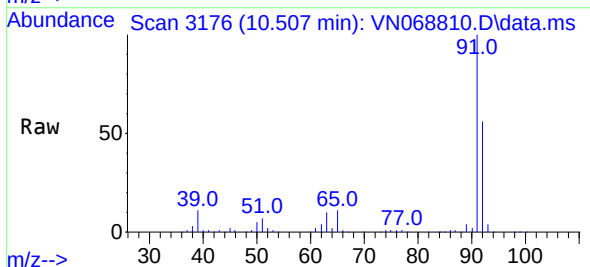
#61
Tetrachloroethene
Concen: 19.21 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:164 Resp: 118814
Ion Ratio Lower Upper
164 100
166 131.7 105.8 158.8
129 105.6 82.5 123.7
131 98.4 81.2 121.8



#62
Toluene
Concen: 19.54 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

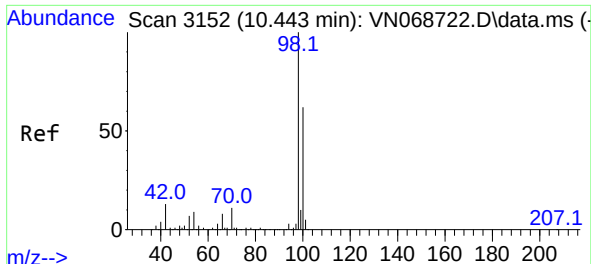
Tgt Ion: 91 Resp: 616644
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

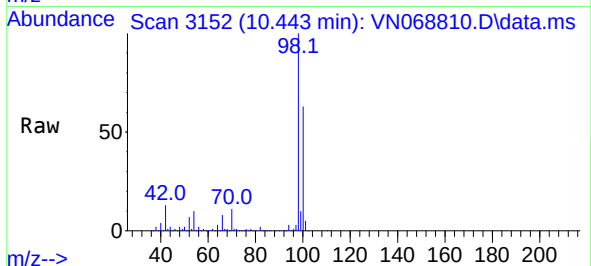
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#63
Toluene-d8
Concen: 31.02 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

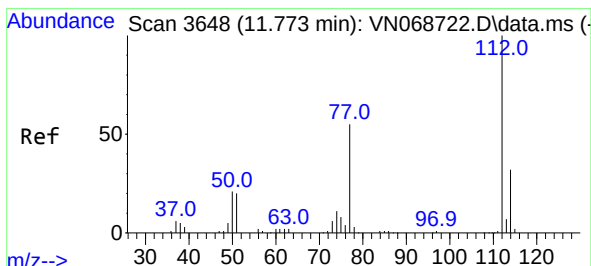
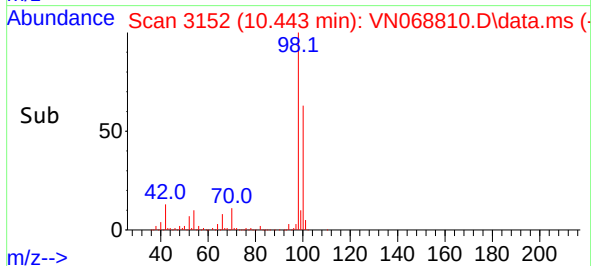
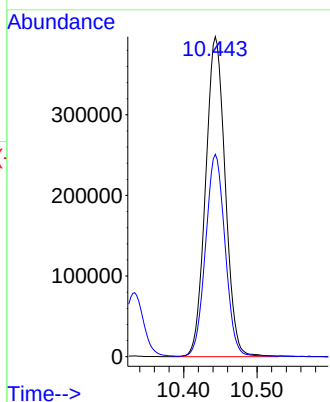
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 740045
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

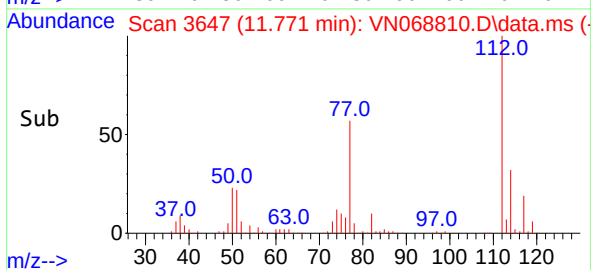
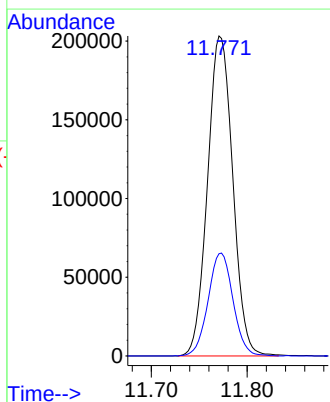
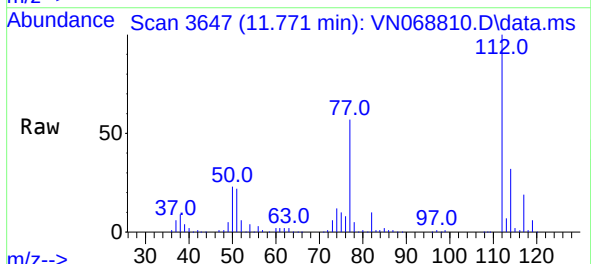
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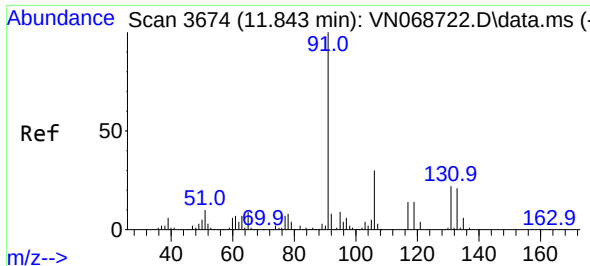
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#64
Chlorobenzene
Concen: 19.18 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 112 Resp: 371419
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





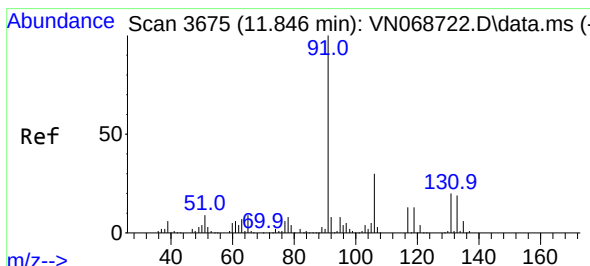
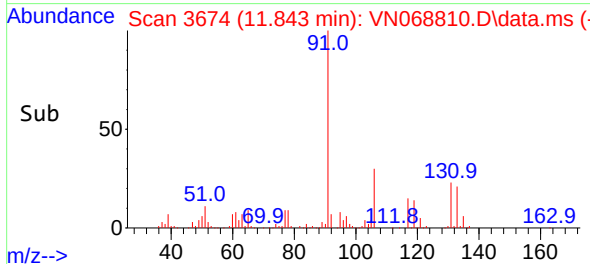
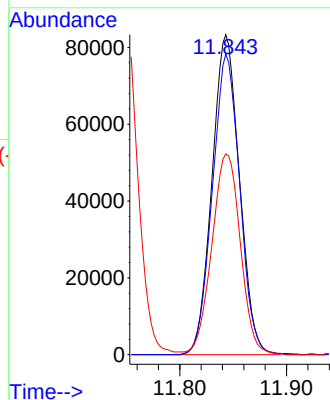
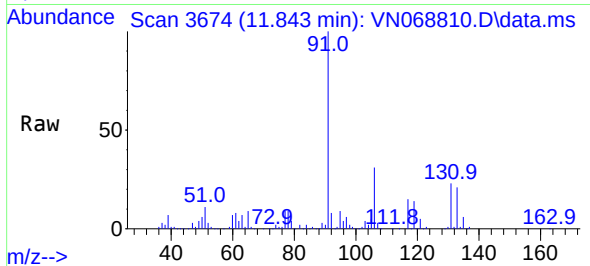
#65
1,1,1,2-Tetrachloroethane
Concen: 19.78 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:131 Resp: 148560
Ion Ratio Lower Upper
131 100
133 93.9 0.0 191.2
119 64.2 0.0 128.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

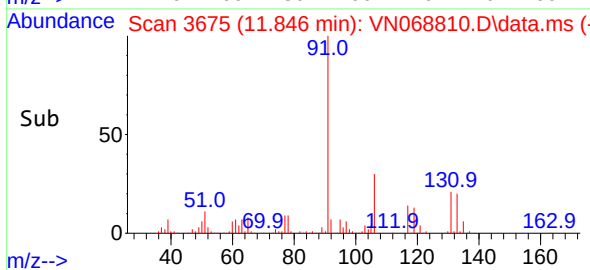
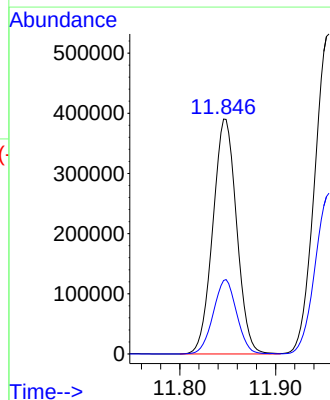
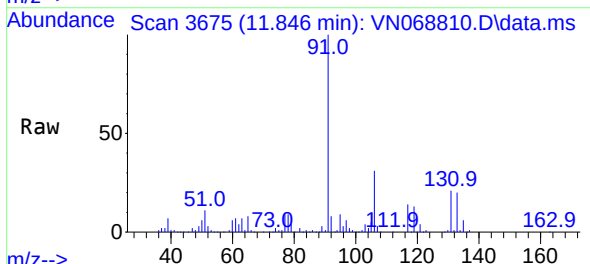
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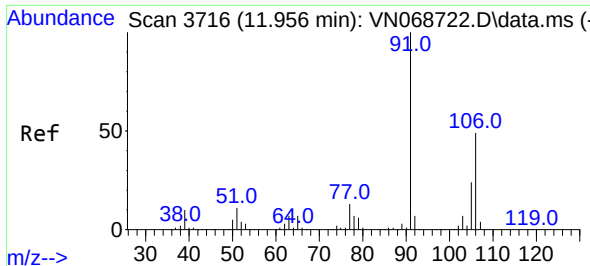
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#66
Ethyl Benzene
Concen: 18.90 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 91 Resp: 672195
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





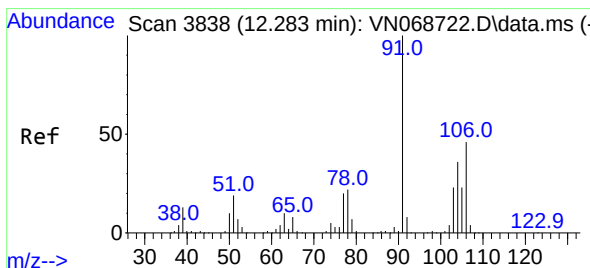
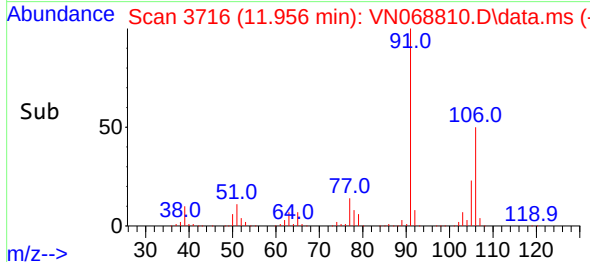
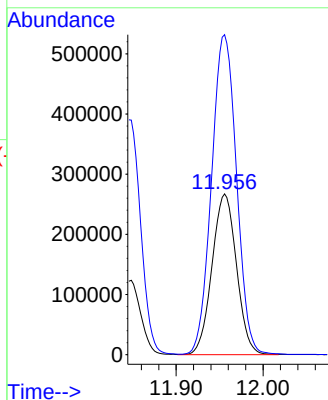
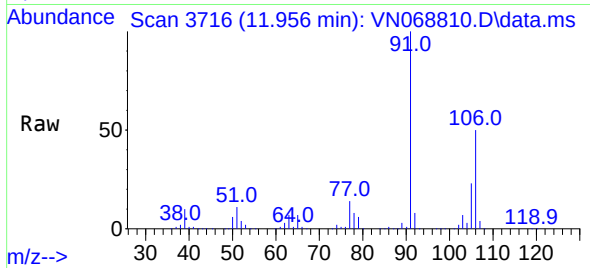
#67
m/p-Xylenes
Concen: 38.07 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 522756
Ion Ratio Lower Upper
106 100
91 202.6 162.9 244.3

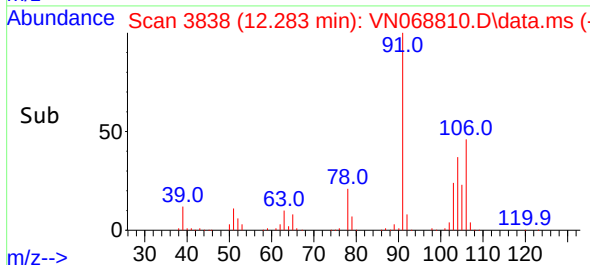
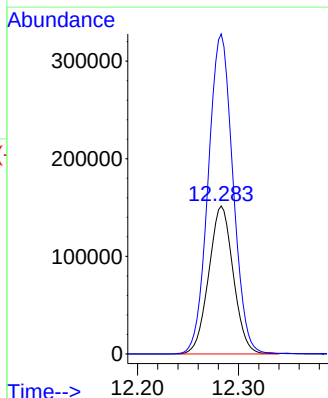
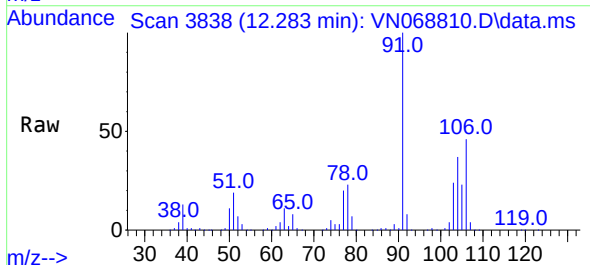
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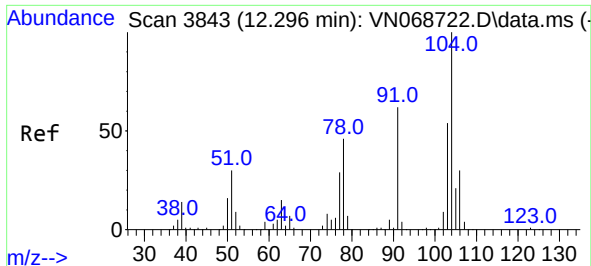
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#68
o-Xylene
Concen: 18.92 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:106 Resp: 255766
Ion Ratio Lower Upper
106 100
91 218.7 107.7 323.1





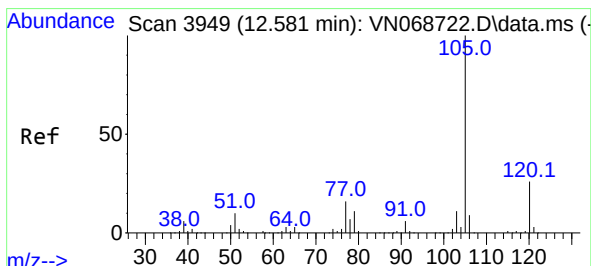
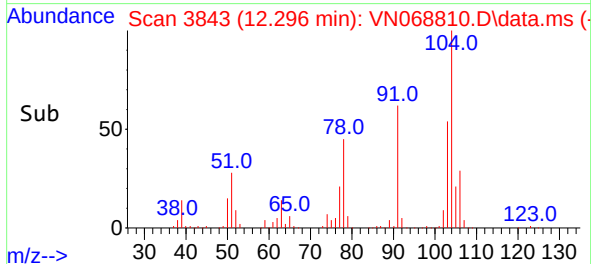
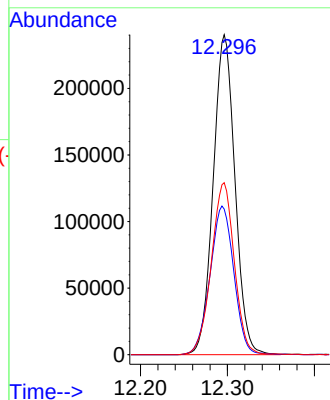
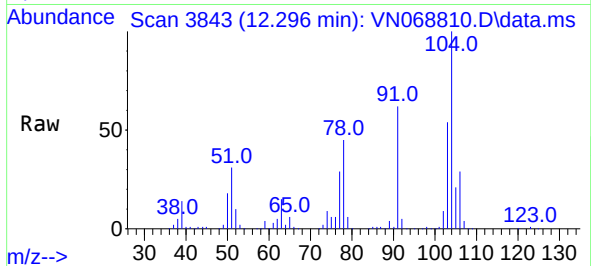
#69
Styrene
Concen: 18.77 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:104 Resp: 418854
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 56.6 45.8 68.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

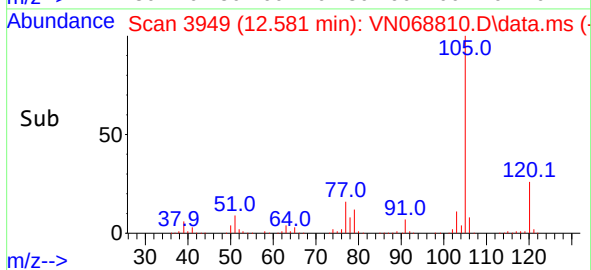
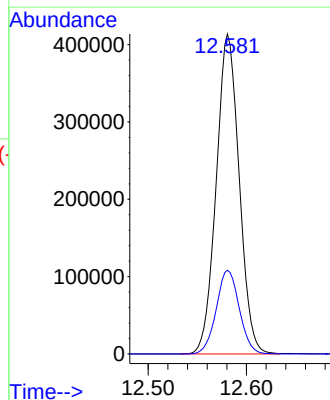
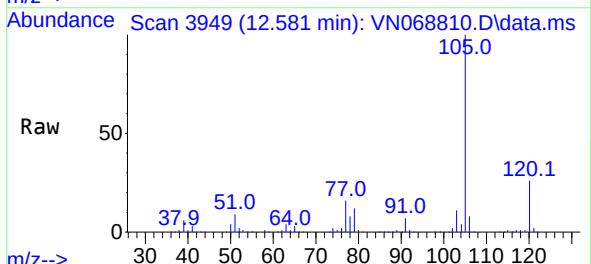
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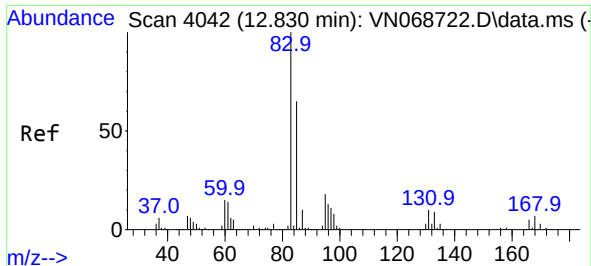
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#70
Isopropylbenzene
Concen: 18.71 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:105 Resp: 670779
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1





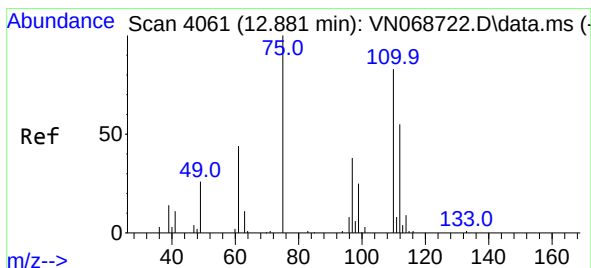
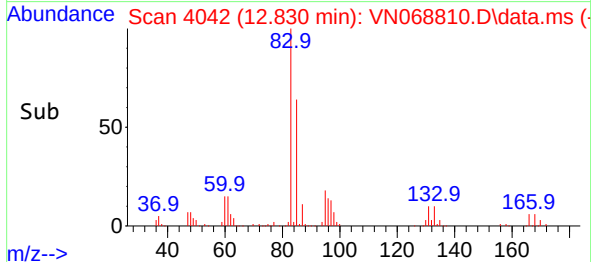
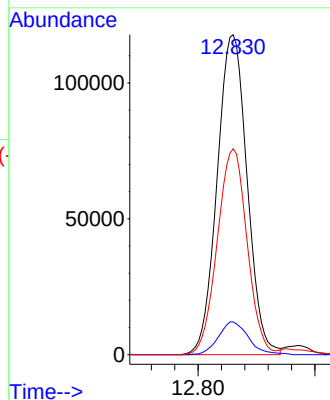
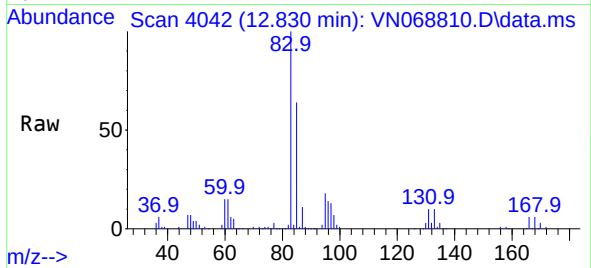
#71
1,1,2,2-Tetrachloroethane
Concen: 20.78 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 83 Resp: 209878
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 63.9 33.1 99.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

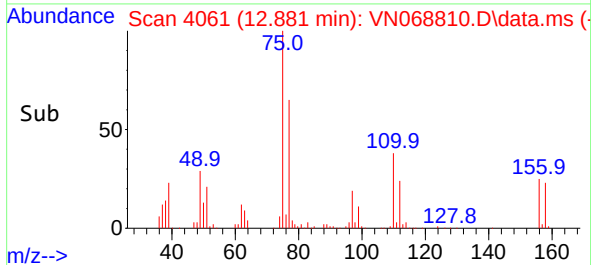
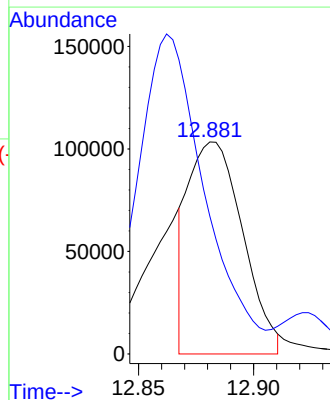
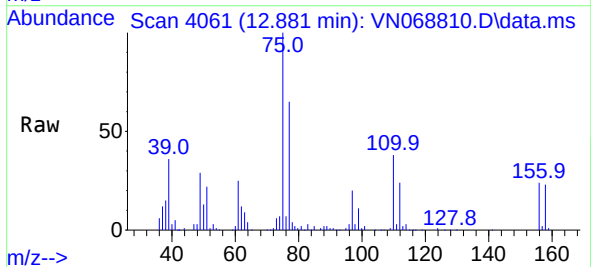
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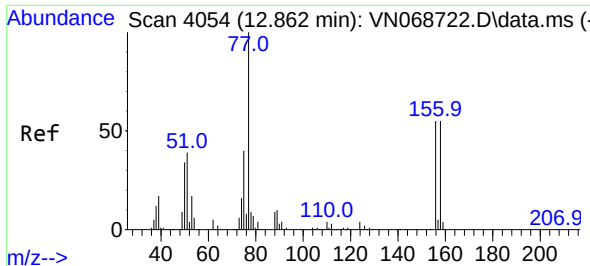
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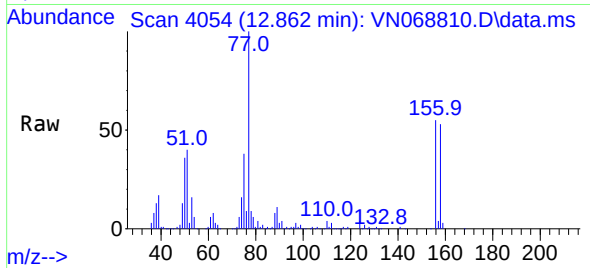
#72
1,2,3-Trichloropropane
Concen: 20.76 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 169874
Ion Ratio Lower Upper
75 100
77 186.8 0.0 378.0

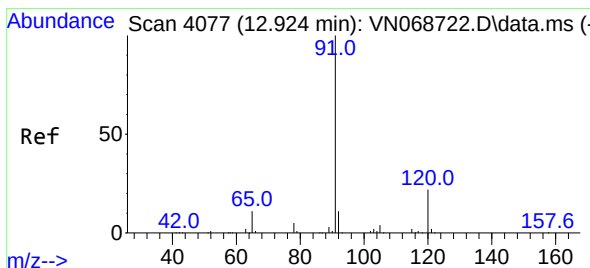
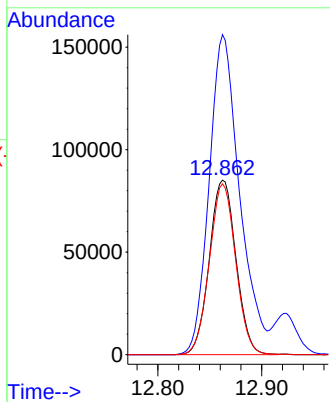
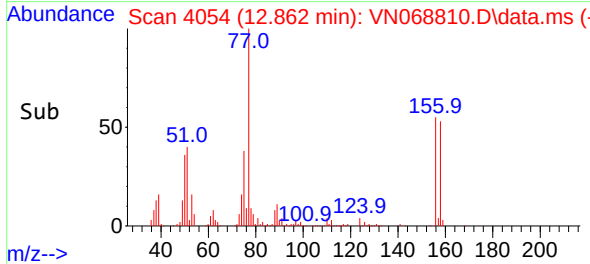




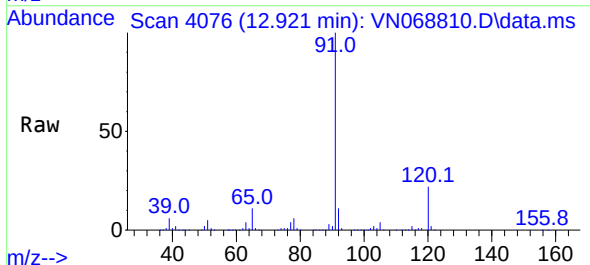
#73
Bromobenzene
Concen: 18.76 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



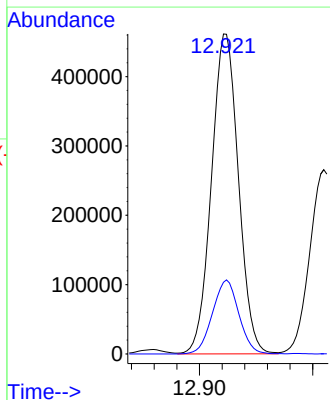
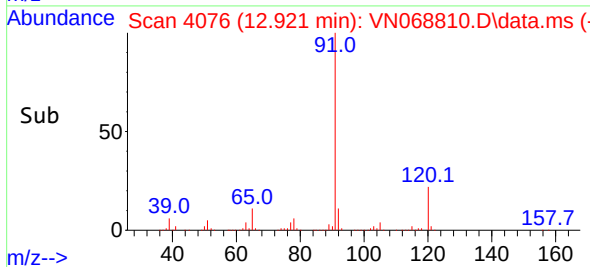
Tgt Ion:156 Resp: 152198
Ion Ratio Lower Upper
156 100
77 208.5 0.0 416.0
158 96.6 0.0 195.4



#74
n-propylbenzene
Concen: 18.54 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



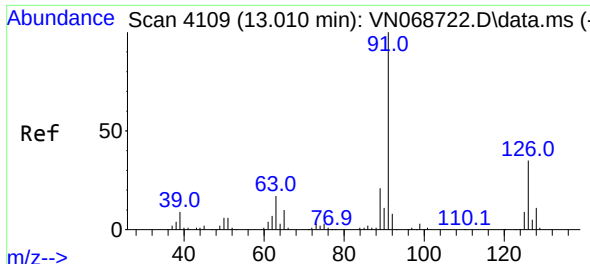
Tgt Ion: 91 Resp: 762007
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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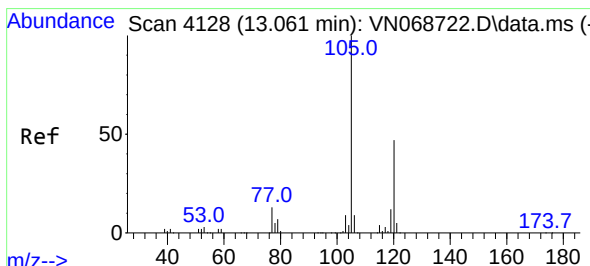
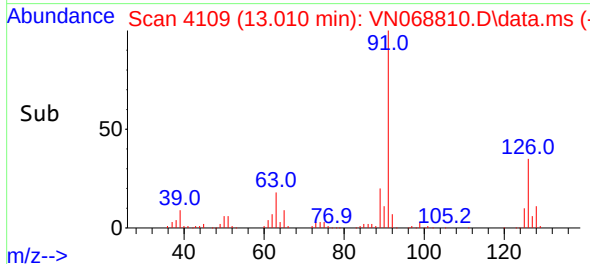
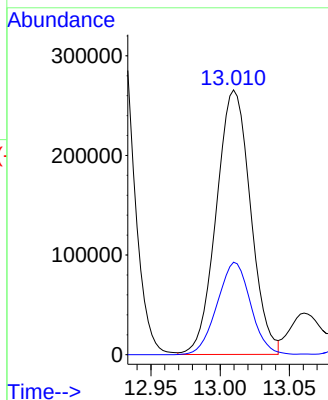
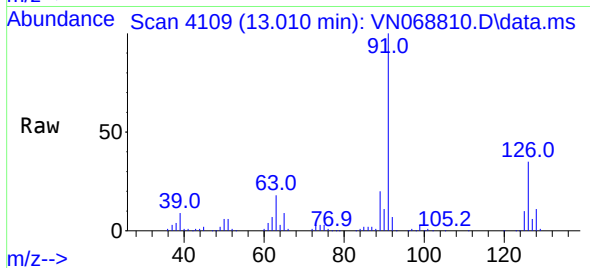
#75
2-Chlorotoluene
Concen: 19.05 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 91 Resp: 456928
Ion Ratio Lower Upper
91 100
126 34.2 0.0 69.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

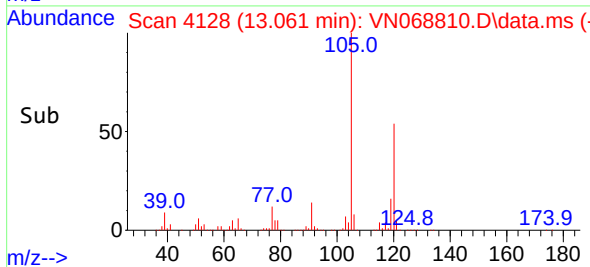
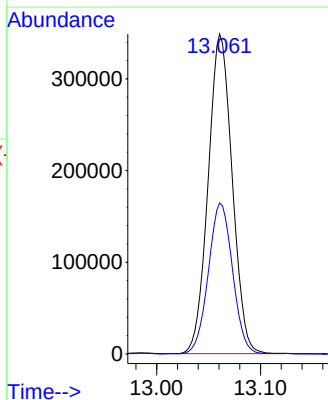
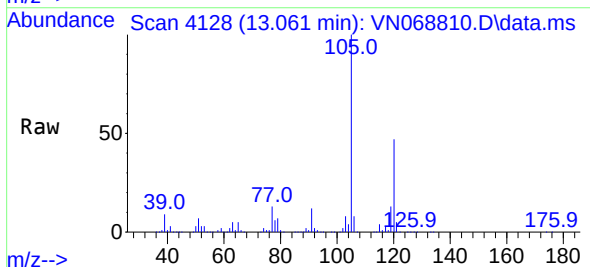
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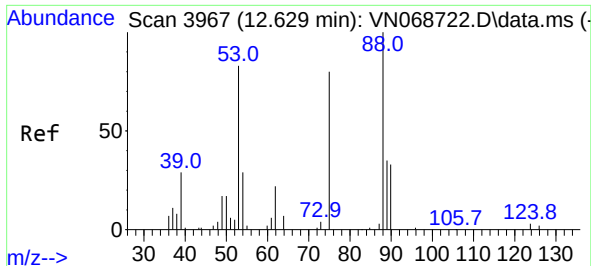
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#76
1,3,5-Trimethylbenzene
Concen: 18.94 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 105 Resp: 560685
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





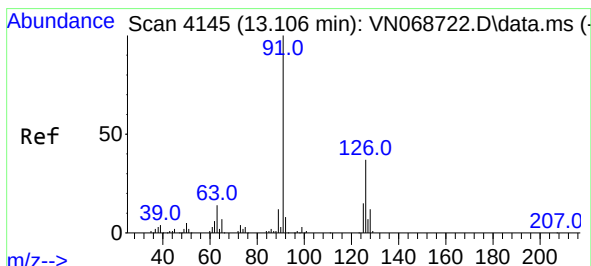
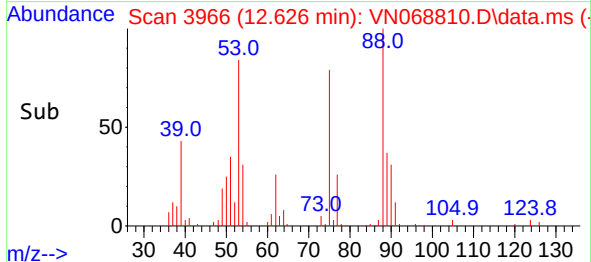
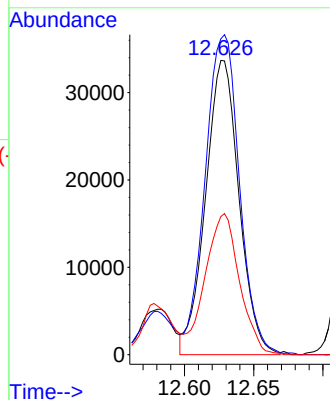
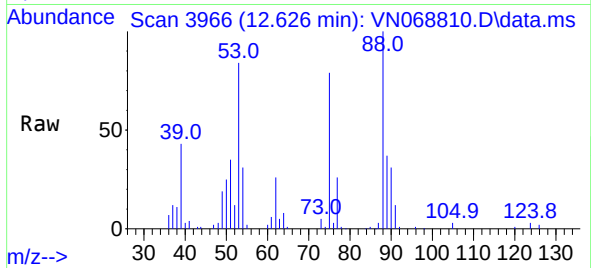
#77
t-1,4-Dichloro-2-butene
Concen: 17.75 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion: 75 Resp: 56636
Ion Ratio Lower Upper
75 100
53 107.4 51.8 155.5
89 46.8 22.9 68.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

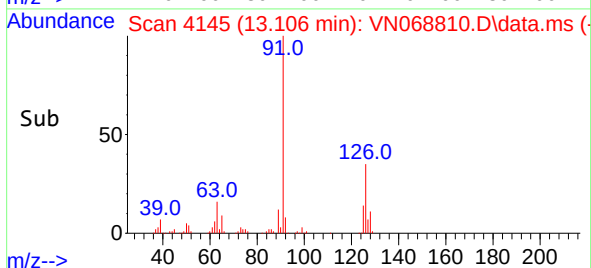
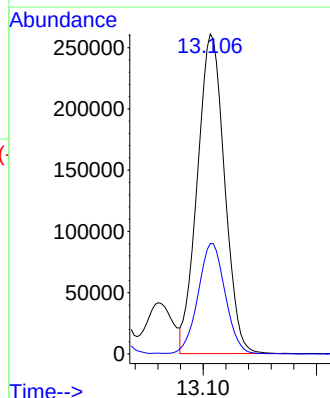
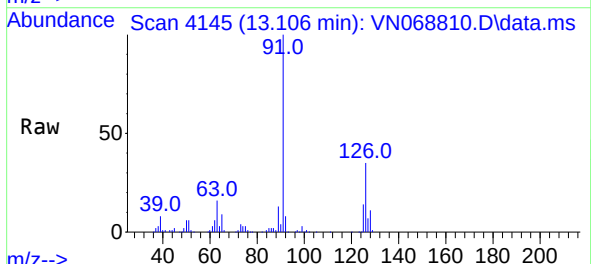
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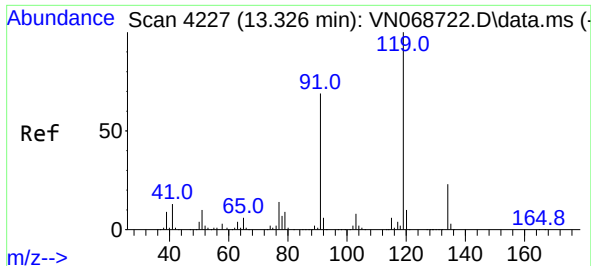
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#78
4-Chlorotoluene
Concen: 18.22 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

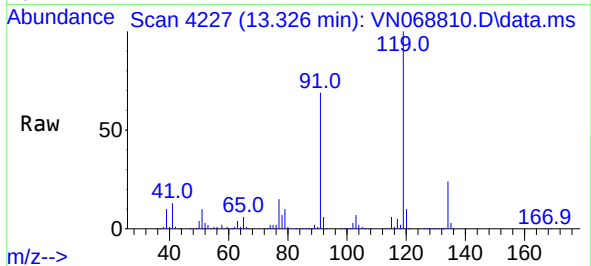
Tgt Ion: 91 Resp: 432876
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





#79
tert-butylbenzene
Concen: 18.78 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

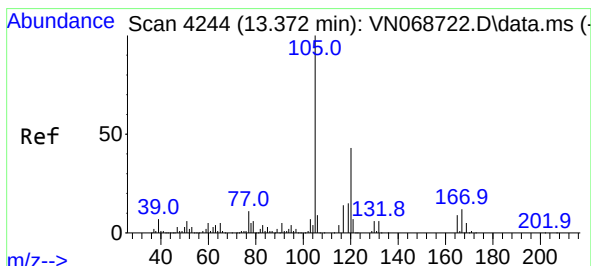
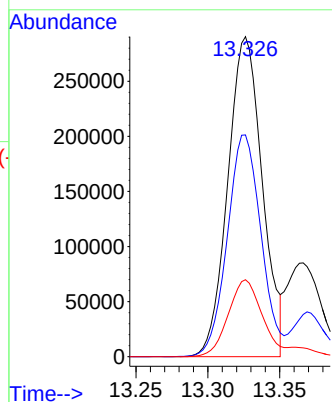
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



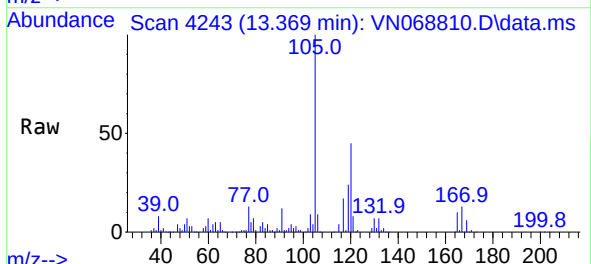
Tgt Ion:119 Resp: 485244
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.0
134 23.6 0.0 47.6

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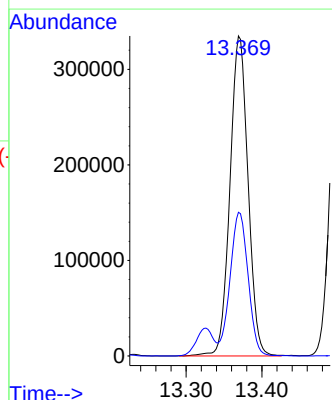
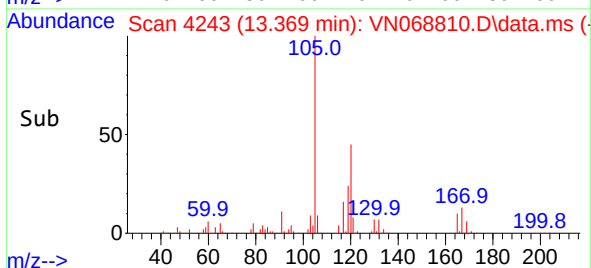
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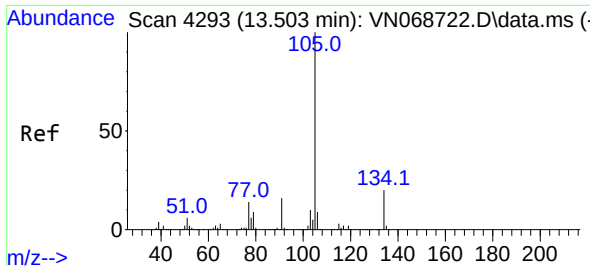


#80
1,2,4-Trimethylbenzene
Concen: 18.90 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



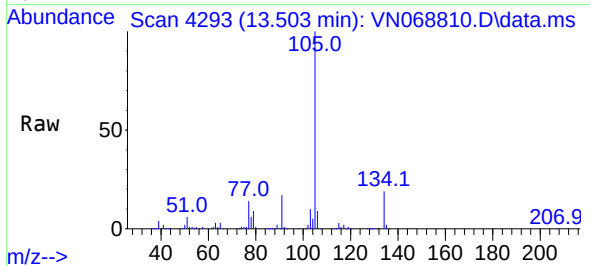
Tgt Ion:105 Resp: 554582
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.39 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068810.D
 Acq: 5 Oct 2021 18:16

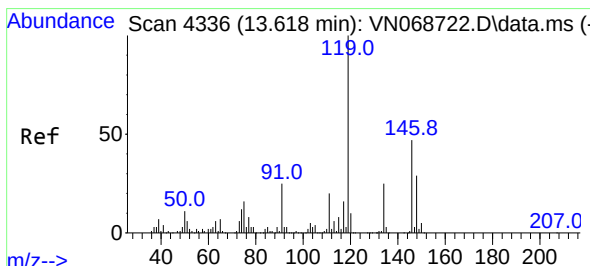
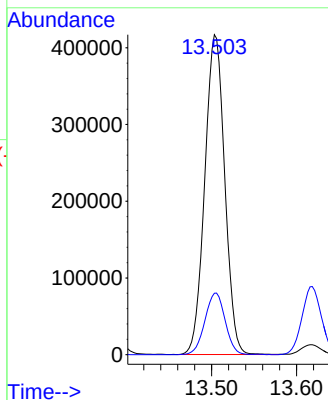
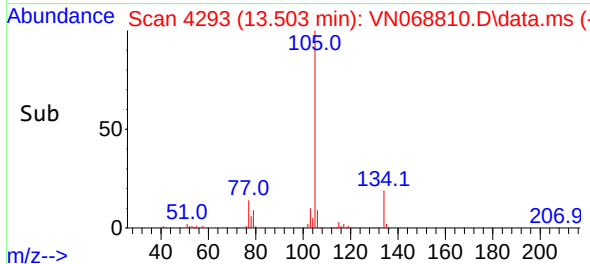
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



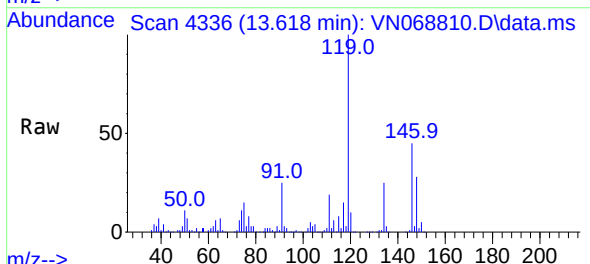
Tgt Ion:105 Resp: 681134
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

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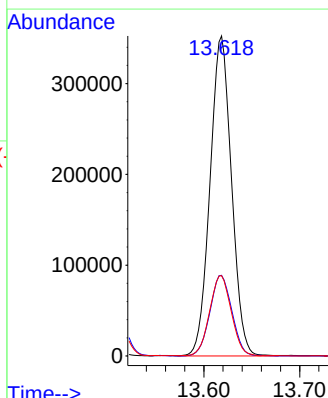
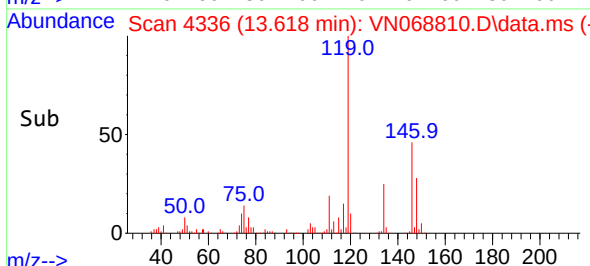
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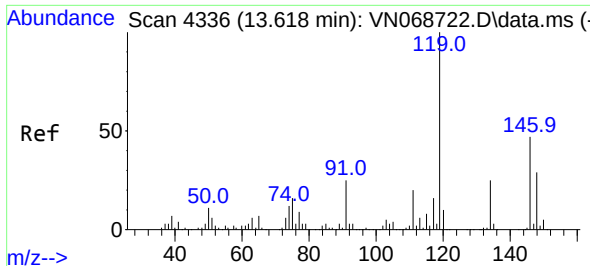


#82
 p-Isopropyltoluene
 Concen: 17.88 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068810.D
 Acq: 5 Oct 2021 18:16



Tgt Ion:119 Resp: 548518
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.2 0.0 50.4





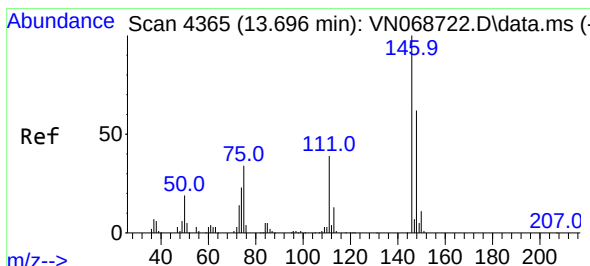
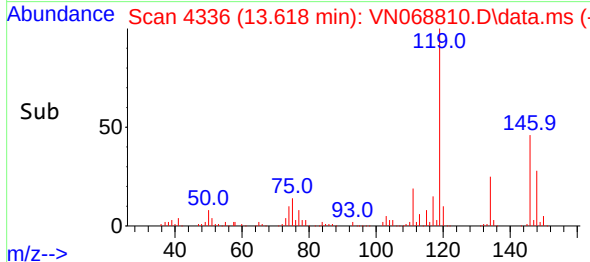
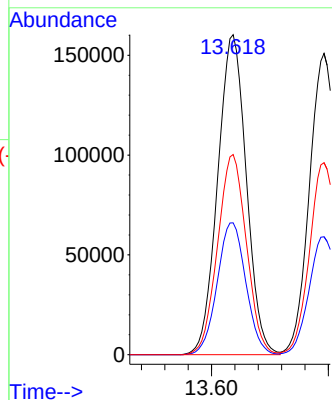
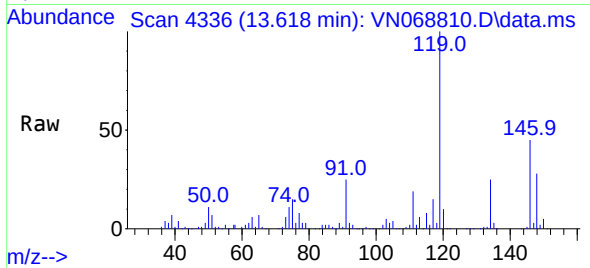
#83
1,3-Dichlorobenzene
Concen: 18.15 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

Tgt Ion:146 Resp: 273261
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.2
148 62.9 31.4 94.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

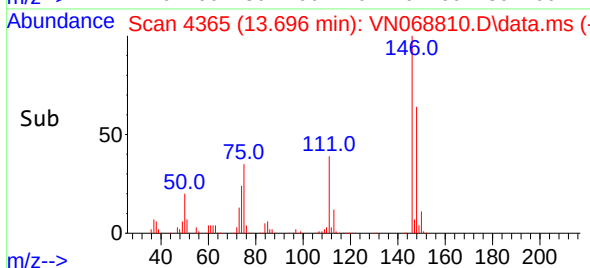
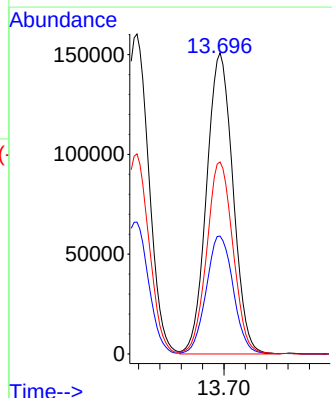
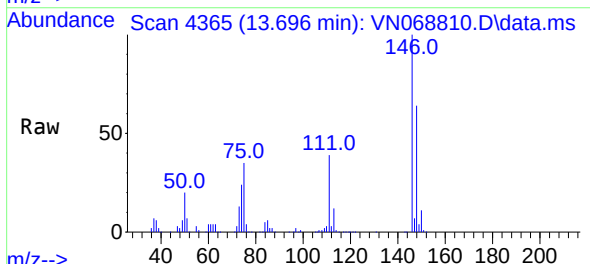
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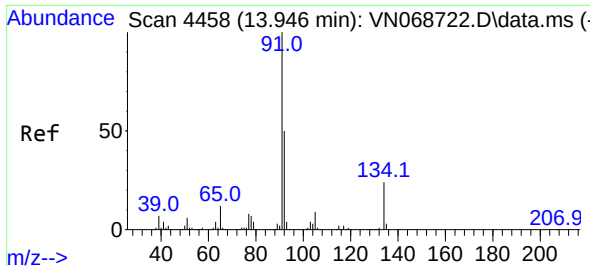
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#84
1,4-Dichlorobenzene
Concen: 18.06 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

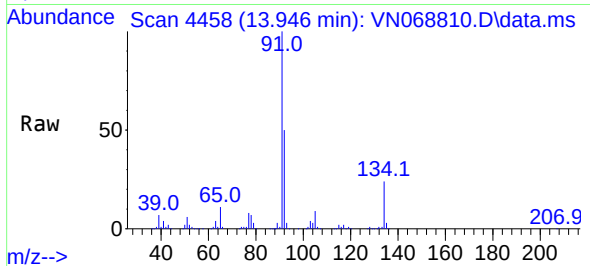
Tgt Ion:146 Resp: 258613
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 17.06 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

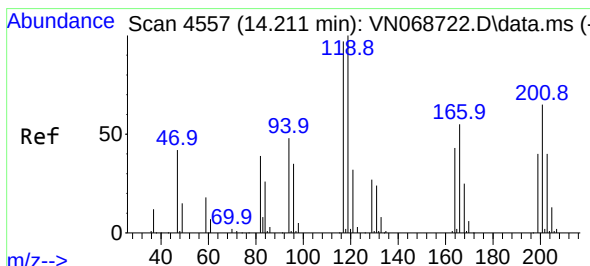
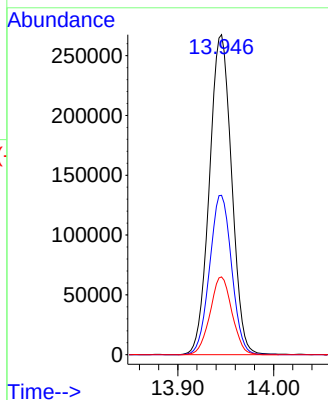
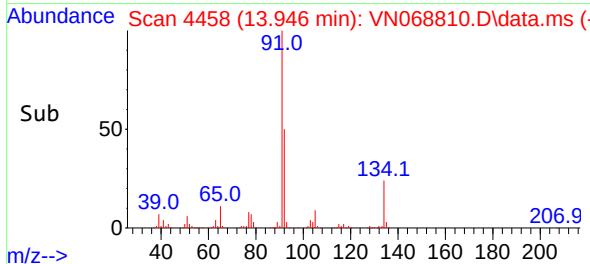
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



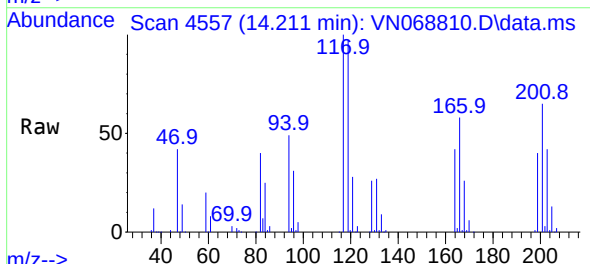
Tgt Ion: 91 Resp: 430659
Ion Ratio Lower Upper
91 100
92 49.4 0.0 100.6
134 24.0 0.0 50.2

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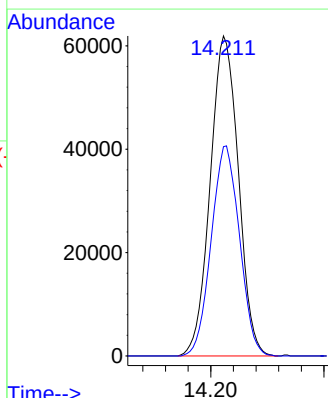
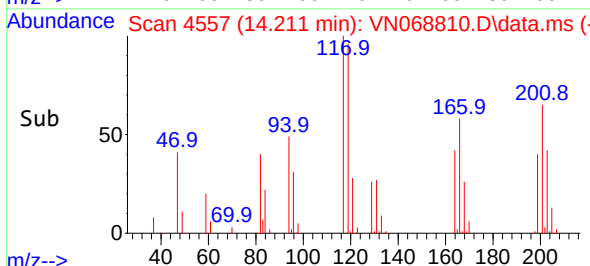
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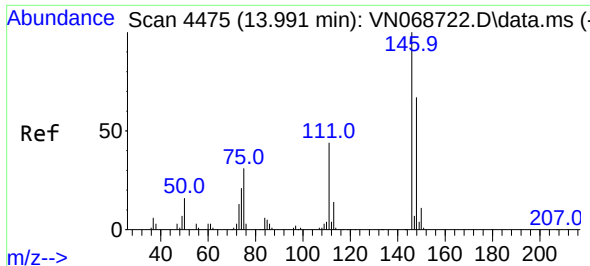


#86
Hexachloroethane
Concen: 18.51 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



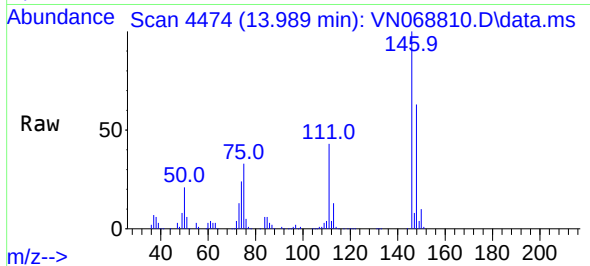
Tgt Ion: 117 Resp: 106887
Ion Ratio Lower Upper
117 100
201 65.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.44 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

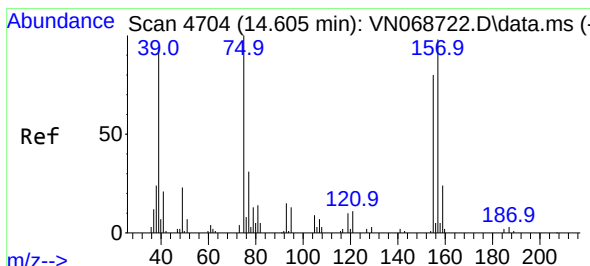
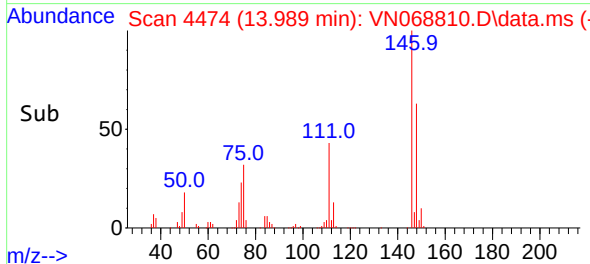
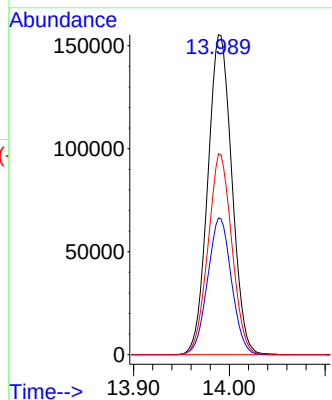
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 270595
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.2
148 62.4 32.5 97.4

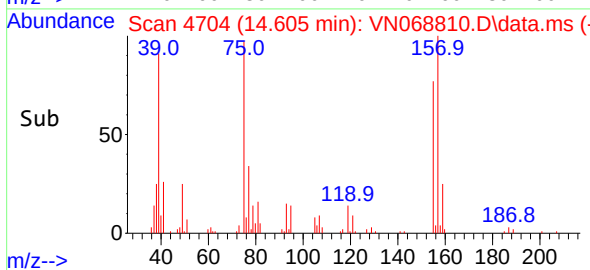
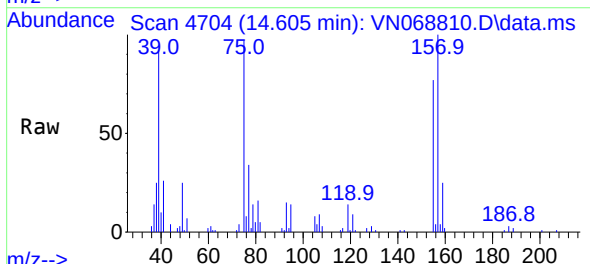
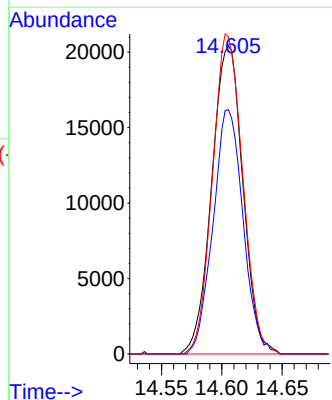
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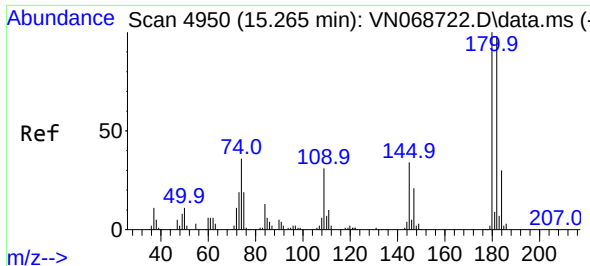
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#88
1,2-Dibromo-3-Chloropropane
Concen: 20.31 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

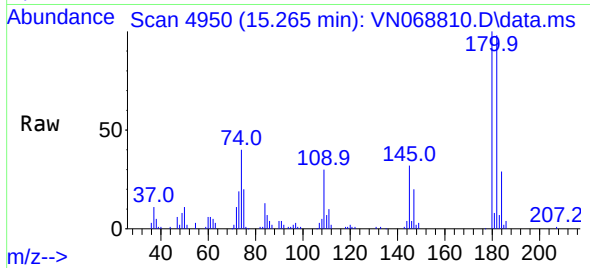
Tgt Ion: 75 Resp: 36682
Ion Ratio Lower Upper
75 100
155 76.4 63.8 95.8
157 100.5 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.46 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

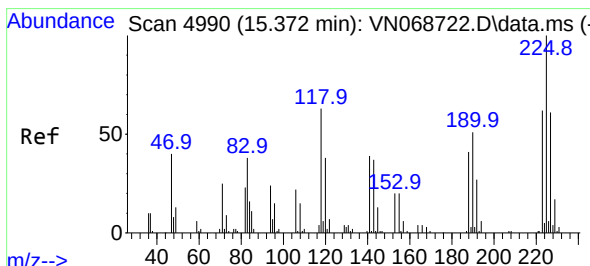
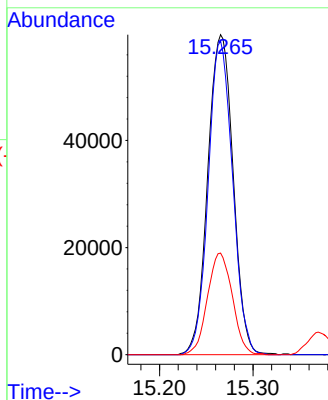
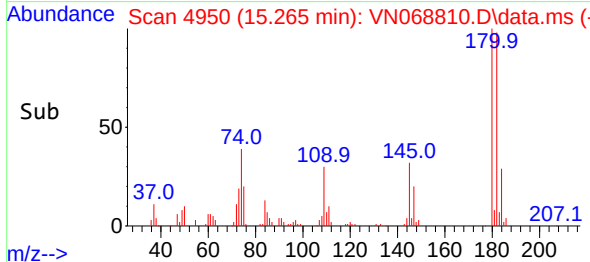
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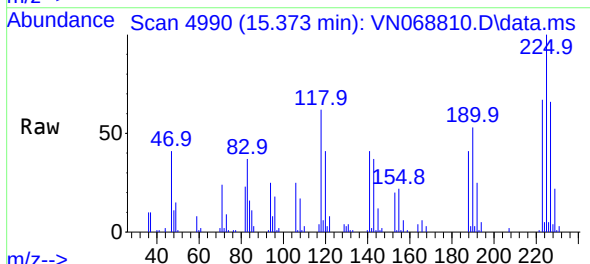
Tgt Ion:180 Resp: 112531
Ion Ratio Lower Upper
180 100
182 94.2 77.7 116.5
145 31.1 26.6 39.8

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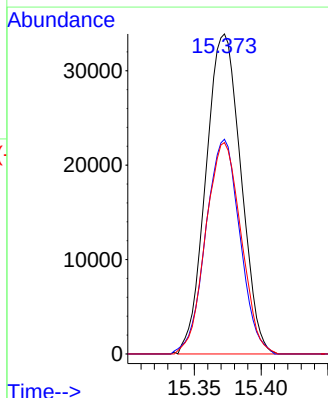
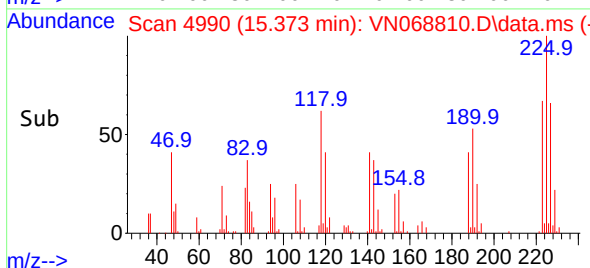
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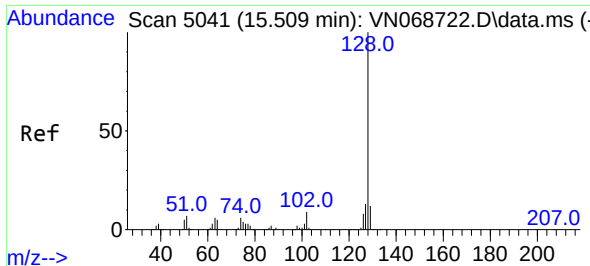


#90
Hexachlorobutadiene
Concen: 18.12 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.001 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



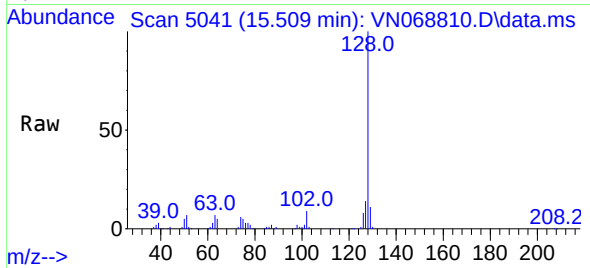
Tgt Ion:225 Resp: 61771
Ion Ratio Lower Upper
225 100
223 65.6 0.0 126.8
227 66.6 0.0 123.0





#91
Naphthalene
Concen: 15.98 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16

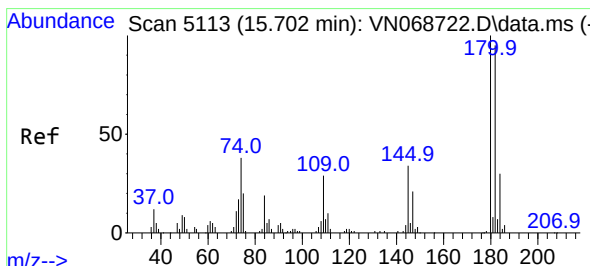
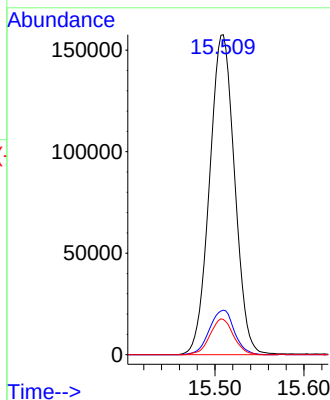
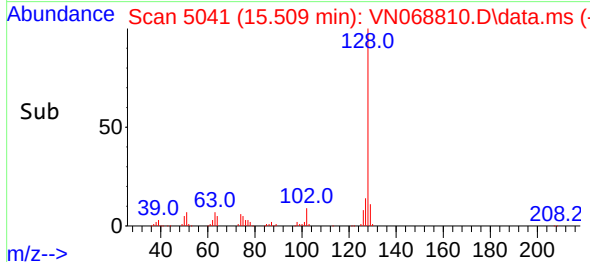
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MSVOA_N
ClientSampleId :
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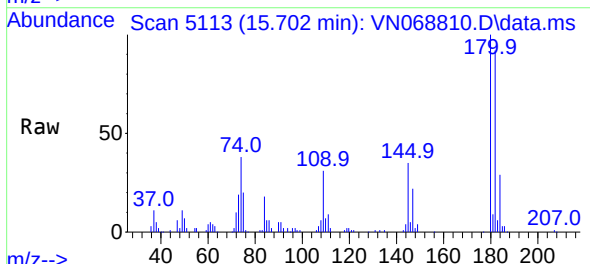
Tgt Ion:128 Resp: 308499
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.5 9.0 13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.25 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068810.D
Acq: 5 Oct 2021 18:16



Tgt Ion:180 Resp: 113088
Ion Ratio Lower Upper
180 100
182 93.8 0.0 190.0
145 33.4 0.0 67.8

