

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082831.D
 Acq On : 08 Jul 2024 19:26
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 09 06:07:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	125879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	203250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102004	57.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.620%	
35) Dibromofluoromethane	8.171	113	77055	55.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.920%	
50) Toluene-d8	10.571	98	297324	57.935	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.860%#	
62) 4-Bromofluorobenzene	12.853	95	105432	57.192	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96262	59.067	ug/l	96
3) Chloromethane	2.359	50	88900	57.521	ug/l	96
4) Vinyl Chloride	2.512	62	95529	58.853	ug/l	98
5) Bromomethane	2.942	94	57568	49.190	ug/l	97
6) Chloroethane	3.107	64	64802	58.340	ug/l	96
7) Trichlorofluoromethane	3.489	101	136990	58.678	ug/l	96
8) Diethyl Ether	3.965	74	46869	58.660	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.359	101	75560	57.185	ug/l	99
10) Methyl Iodide	4.589	142	83848	61.895	ug/l	96
11) Tert butyl alcohol	5.536	59	84970	286.297	ug/l	100
12) 1,1-Dichloroethene	4.336	96	71578	55.702	ug/l	90
13) Acrolein	4.177	56	64146	299.364	ug/l	99
14) Allyl chloride	5.024	41	120151	59.968	ug/l	92
15) Acrylonitrile	5.718	53	208802	306.129	ug/l	99
16) Acetone	4.430	43	179683	289.224	ug/l	98
17) Carbon Disulfide	4.706	76	204970	53.380	ug/l	98
18) Methyl Acetate	5.030	43	99386	60.457	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	254316	57.373	ug/l	98
20) Methylene Chloride	5.277	84	83384	55.576	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	76025	54.601	ug/l	88
22) Diisopropyl ether	6.671	45	250840	59.842	ug/l #	95
23) Vinyl Acetate	6.606	43	1044208	313.691	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	146931	57.788	ug/l	99
25) 2-Butanone	7.489	43	284738	303.537	ug/l	92
26) 2,2-Dichloropropane	7.489	77	111241	47.056	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	92539	56.769	ug/l	89
28) Bromochloromethane	7.818	49	60058	55.061	ug/l #	81
29) Tetrahydrofuran	7.841	42	188789	319.676	ug/l #	87
30) Chloroform	7.971	83	155360	57.597	ug/l	97
31) Cyclohexane	8.259	56	125089	54.223	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	143009	57.104	ug/l	97
36) 1,1-Dichloropropene	8.371	75	108179	56.468	ug/l	99
37) Ethyl Acetate	7.565	43	117413	60.199	ug/l #	95
38) Carbon Tetrachloride	8.365	117	128981	55.918	ug/l	98
39) Methylcyclohexane	9.606	83	115008	55.577	ug/l	93
40) Benzene	8.606	78	331835	56.311	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	60303	57.390	ug/l	90
42) 1,2-Dichloroethane	8.671	62	120247	56.682	ug/l	98
43) Isopropyl Acetate	8.694	43	206175	56.444	ug/l #	94
44) Trichloroethene	9.353	130	82313	54.521	ug/l	96
45) 1,2-Dichloropropane	9.624	63	81535	59.265	ug/l	100
46) Dibromomethane	9.712	93	61444	57.328	ug/l	98
47) Bromodichloromethane	9.888	83	126599	57.166	ug/l	100
48) Methyl methacrylate	9.683	41	93098	60.875	ug/l	90
49) 1,4-Dioxane	9.700	88	39290	1186.300	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	606909	313.877	ug/l	94
52) Toluene	10.635	92	211303	57.402	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	129377	56.709	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	133694	55.364	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	79707	58.884	ug/l	96
56) Ethyl methacrylate	10.877	69	134544	63.887	ug/l	88
57) 1,3-Dichloropropane	11.165	76	139728	58.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	341062	315.616	ug/l	96
59) 2-Hexanone	11.200	43	462431	321.671	ug/l	93
60) Dibromochloromethane	11.359	129	99859	57.921	ug/l	99
61) 1,2-Dibromoethane	11.471	107	83671	58.206	ug/l	97
64) Tetrachloroethene	11.106	164	80931	53.371	ug/l	96
65) Chlorobenzene	11.894	112	232070	53.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	85188	54.989	ug/l	98
67) Ethyl Benzene	11.965	91	402998	55.054	ug/l	96
68) m/p-Xylenes	12.071	106	313628	113.486	ug/l	98
69) o-Xylene	12.400	106	150137	56.698	ug/l	95
70) Styrene	12.412	104	261306	59.723	ug/l	98
71) Bromoform	12.582	173	70870	58.170	ug/l #	99
73) Isopropylbenzene	12.700	105	382483	54.706	ug/l	98
74) N-amyl acetate	12.494	43	170655	59.010	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	116060	55.428	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	162163	97.757	ug/l	40
77) Bromobenzene	12.982	156	93826	52.019	ug/l	96
78) n-propylbenzene	13.035	91	443163	55.129	ug/l	98
79) 2-Chlorotoluene	13.129	91	270717	52.855	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	321620	56.909	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	48482	57.480	ug/l	93
82) 4-Chlorotoluene	13.223	91	268887	53.038	ug/l	97
83) tert-Butylbenzene	13.441	119	271044	54.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	322307	55.955	ug/l	99
85) sec-Butylbenzene	13.618	105	373709	55.196	ug/l	99
86) p-Isopropyltoluene	13.729	119	315496	55.851	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	170220	52.241	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	172291	51.129	ug/l	98
89) n-Butylbenzene	14.059	91	256865	53.077	ug/l	99
90) Hexachloroethane	14.335	117	62748	52.497	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	164994	52.154	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26001	53.674	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	84988	49.873	ug/l	98
94) Hexachlorobutadiene	15.500	225	35665	47.211	ug/l	98
95) Naphthalene	15.641	128	309070	52.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88941	50.761	ug/l	97

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

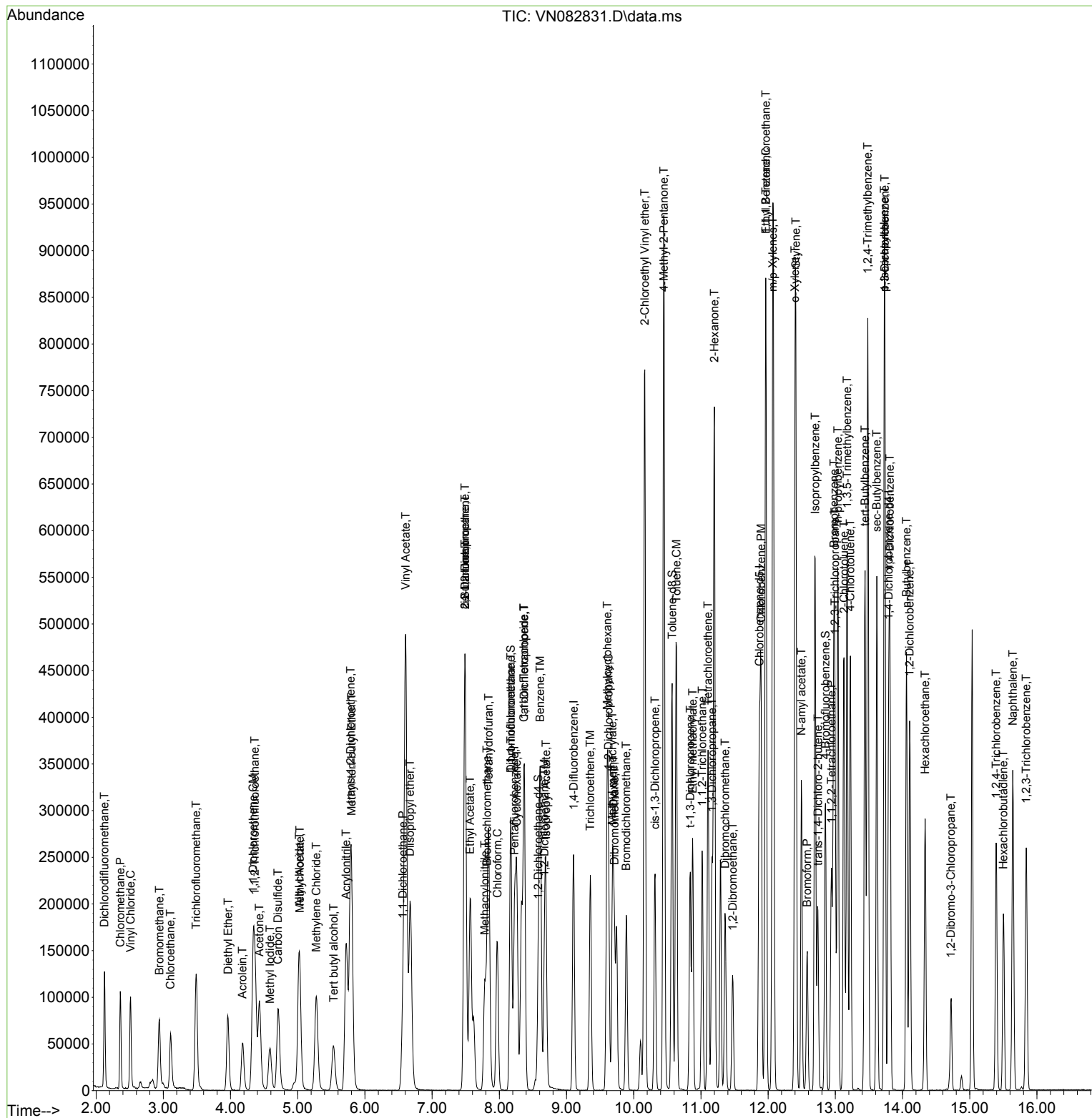
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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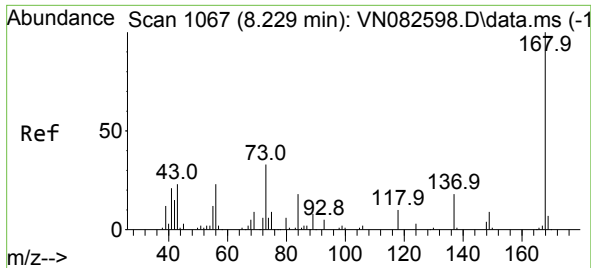
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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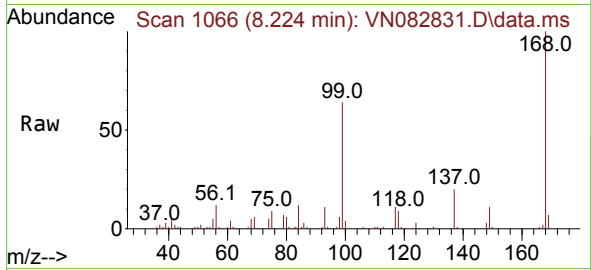
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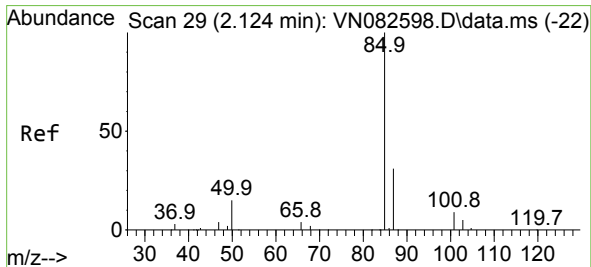
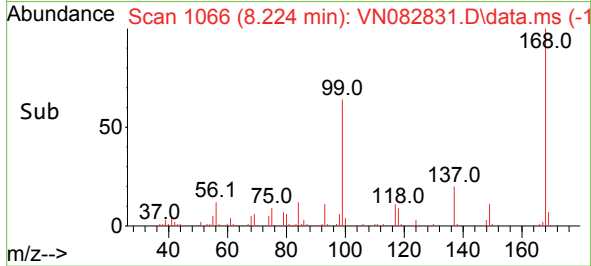
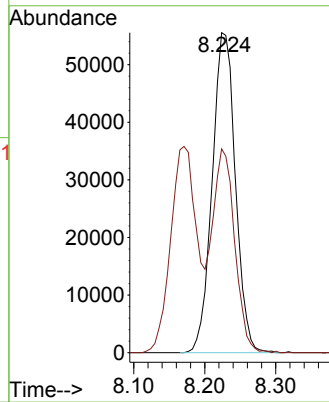


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
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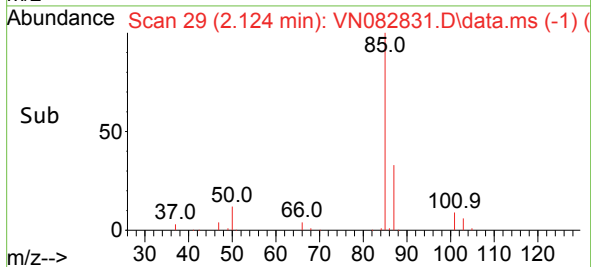
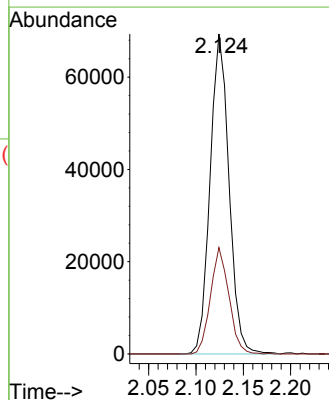
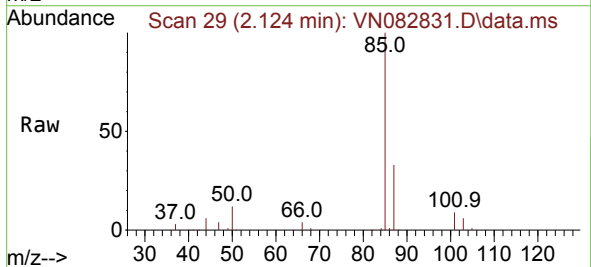


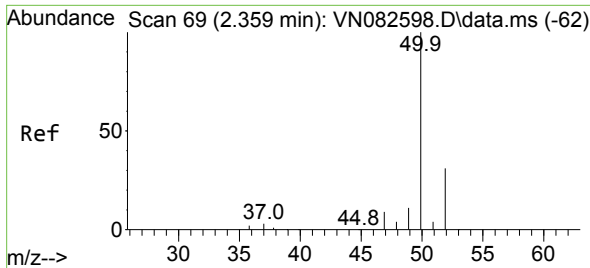
Tgt Ion:168 Resp: 125879
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 59.067 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 85 Resp: 96262
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

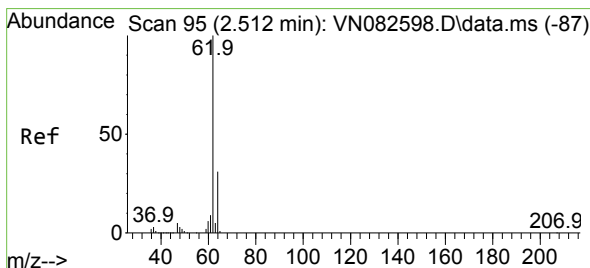
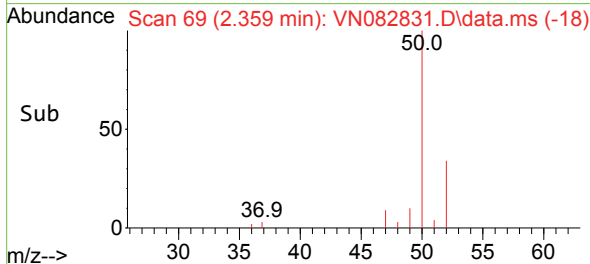
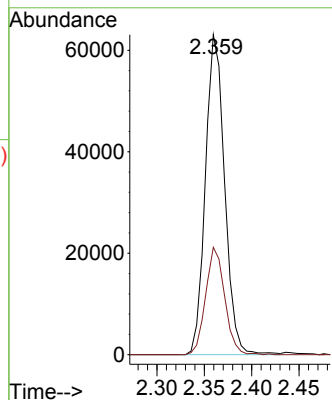
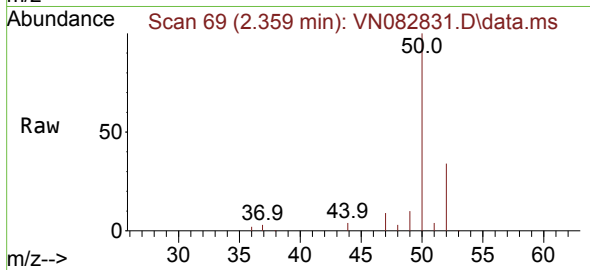




#3
Chloromethane
Concen: 57.521 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

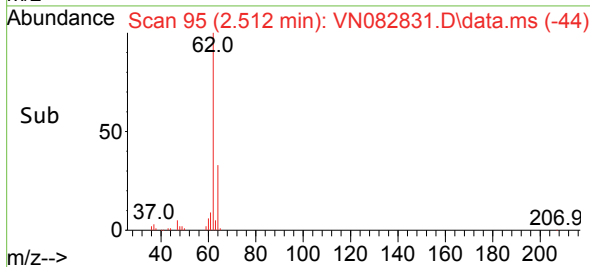
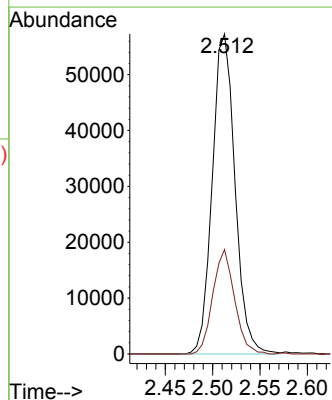
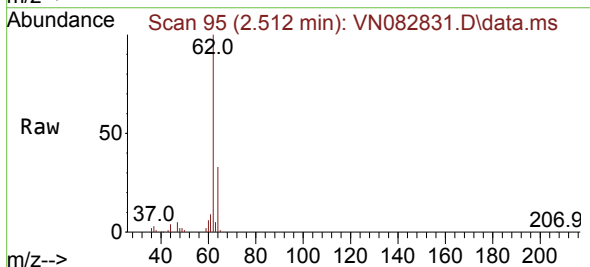
Instrument :
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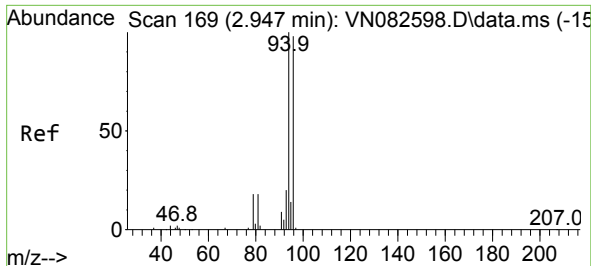
Tgt Ion: 50 Resp: 88900
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4



#4
Vinyl Chloride
Concen: 58.853 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 62 Resp: 95529
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

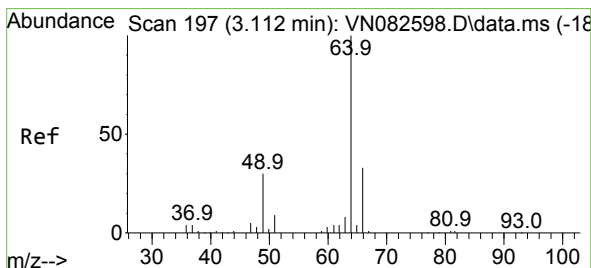
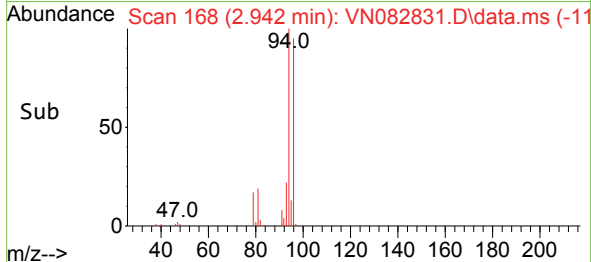
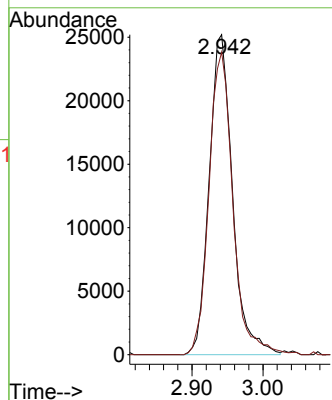
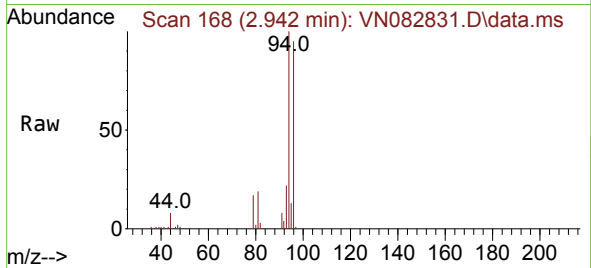




#5
Bromomethane
Concen: 49.190 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082831.D
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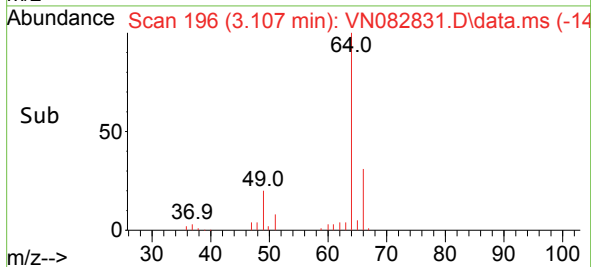
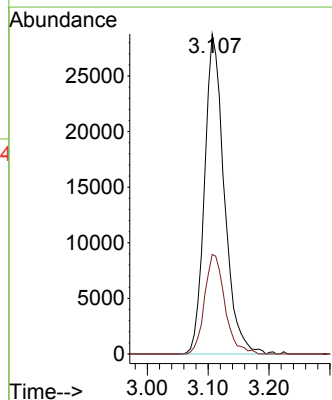
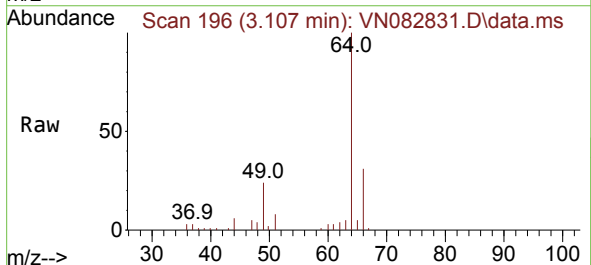
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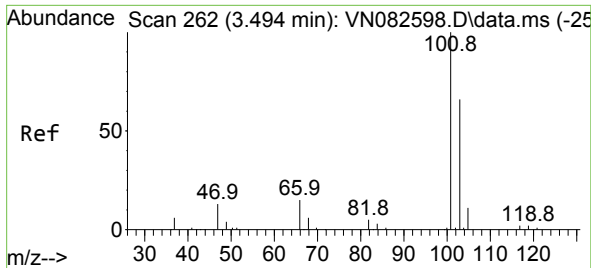
Tgt Ion: 94 Resp: 57568
Ion Ratio Lower Upper
94 100
96 94.5 78.0 117.0



#6
Chloroethane
Concen: 58.340 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082831.D
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Tgt Ion: 64 Resp: 64802
Ion Ratio Lower Upper
64 100
66 31.1 26.6 40.0

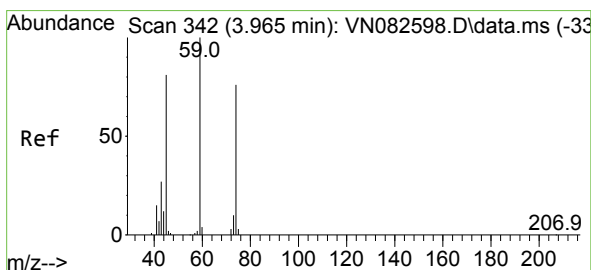
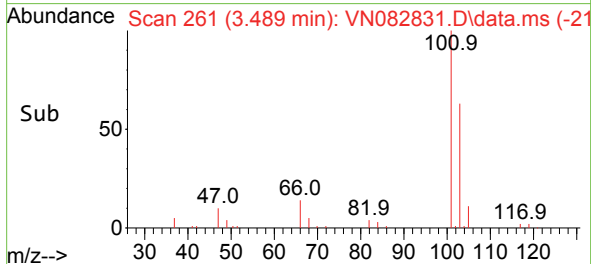
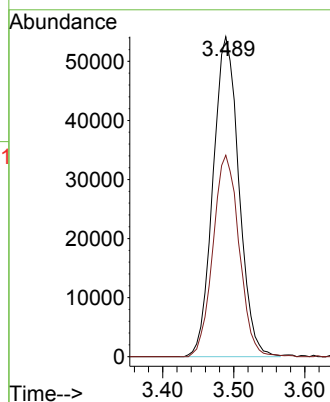
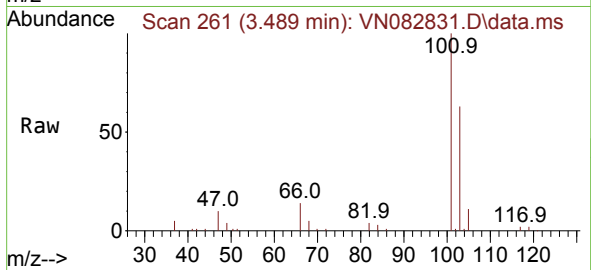




#7
Trichlorofluoromethane
Concen: 58.678 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.005 min
Lab File: VN082831.D
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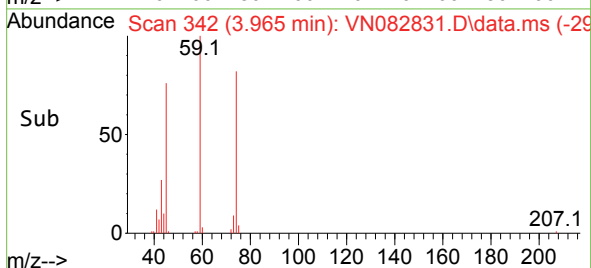
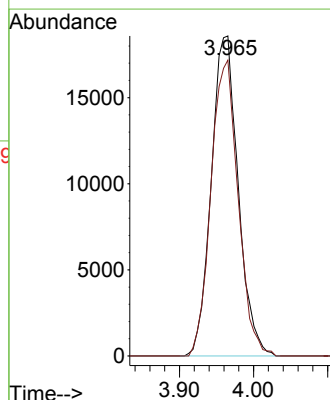
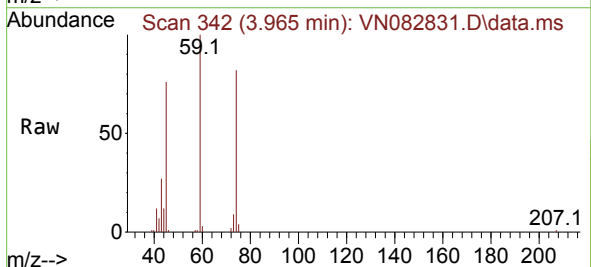
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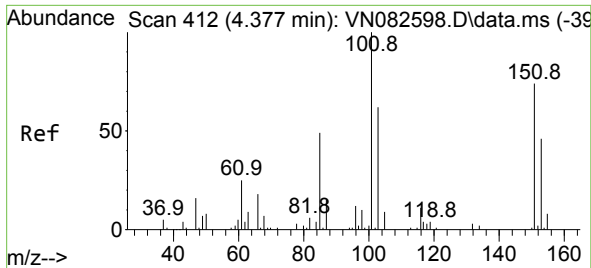
Tgt Ion:101 Resp: 136990
Ion Ratio Lower Upper
101 100
103 63.0 52.7 79.1



#8
Diethyl Ether
Concen: 58.660 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082831.D
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Tgt Ion: 74 Resp: 46869
Ion Ratio Lower Upper
74 100
45 93.4 55.5 166.3

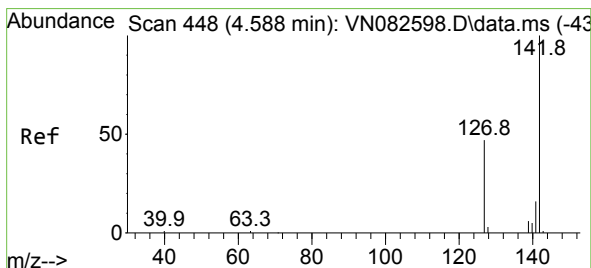
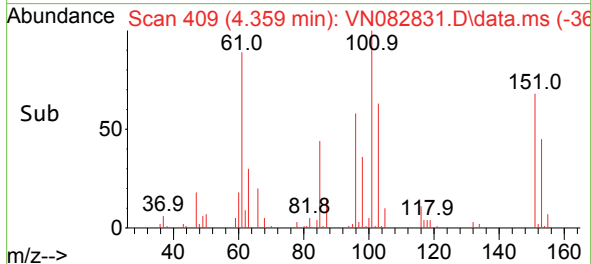
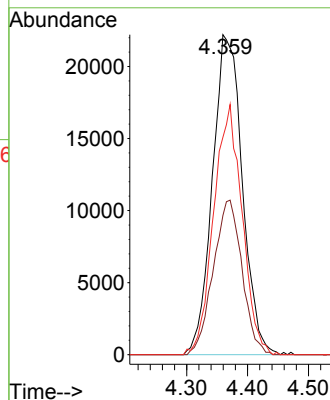
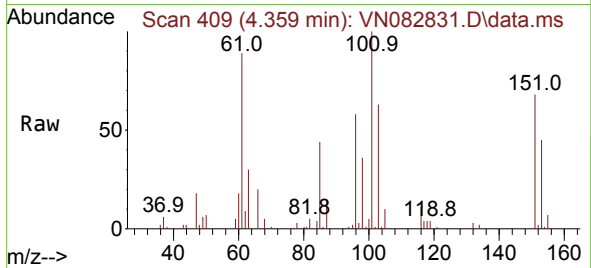




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.185 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.018 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

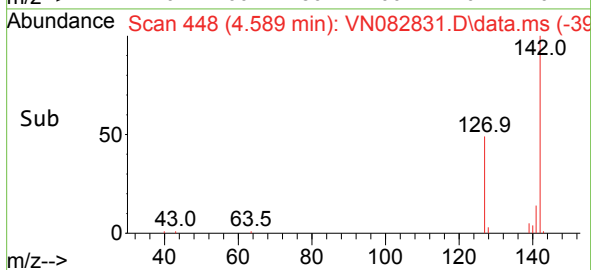
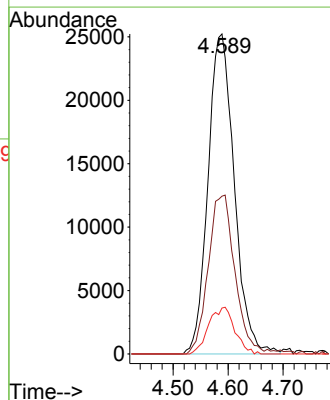
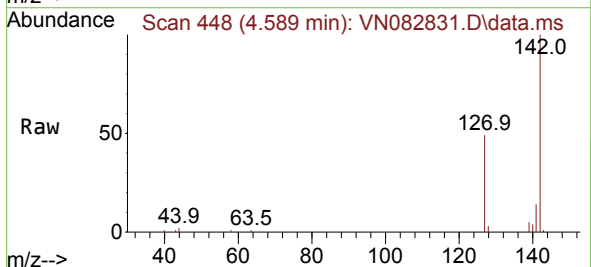
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

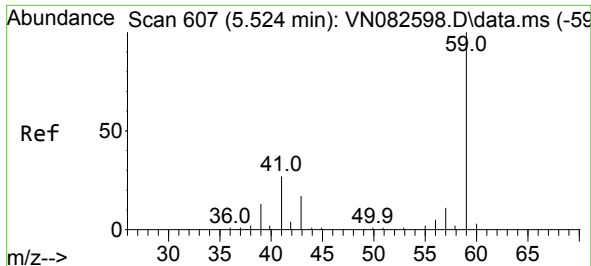
Tgt Ion:101 Resp: 75560
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 74.6 59.3 88.9



#10
Methyl Iodide
Concen: 61.895 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:142 Resp: 83848
Ion Ratio Lower Upper
142 100
127 49.3 37.5 56.3
141 14.3 13.1 19.7

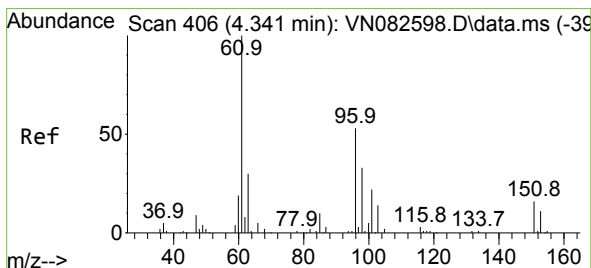
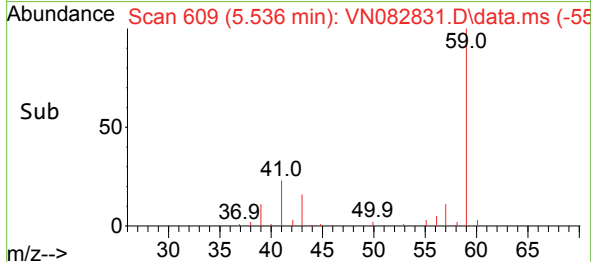
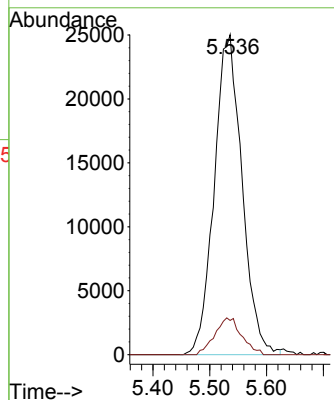
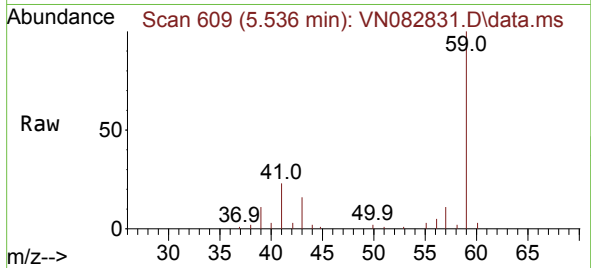




#11
Tert butyl alcohol
Concen: 286.297 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

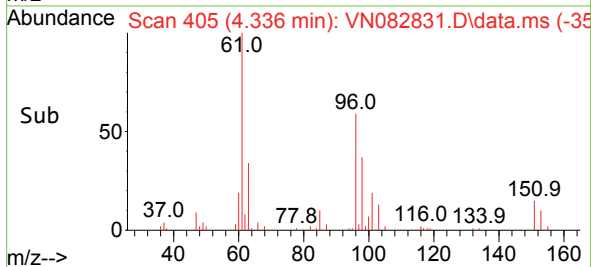
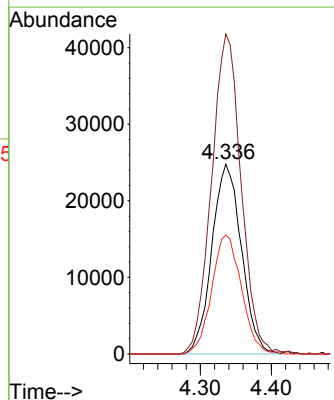
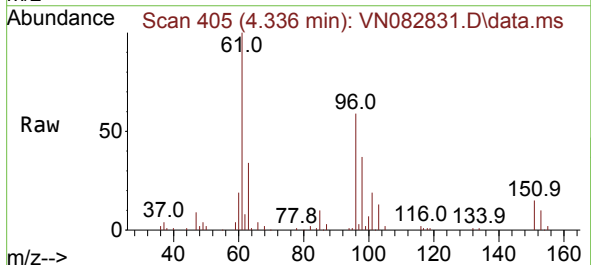
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

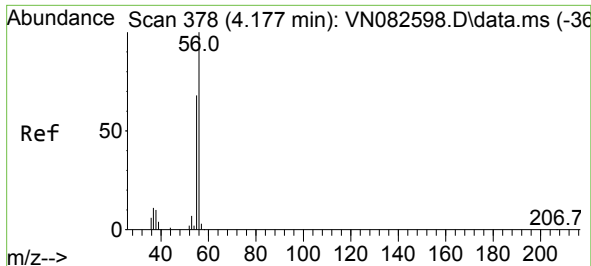
Tgt Ion: 59 Resp: 84970
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 55.702 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 96 Resp: 71578
Ion Ratio Lower Upper
96 100
61 168.6 149.7 224.5
98 62.6 50.1 75.1





#13

Acrolein

Concen: 299.364 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

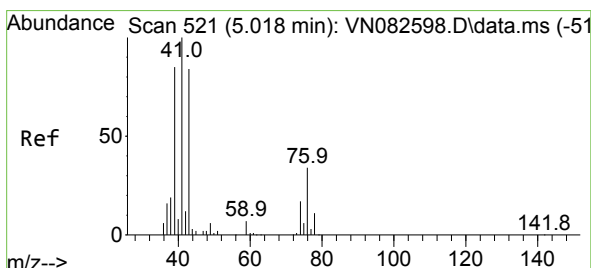
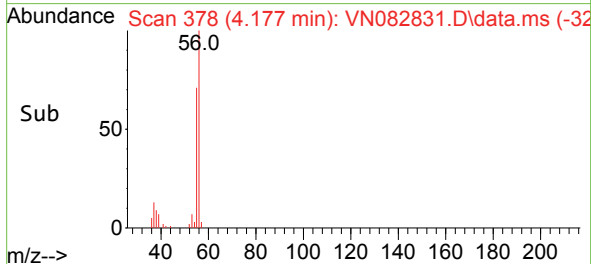
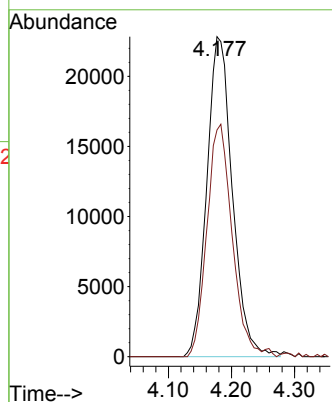
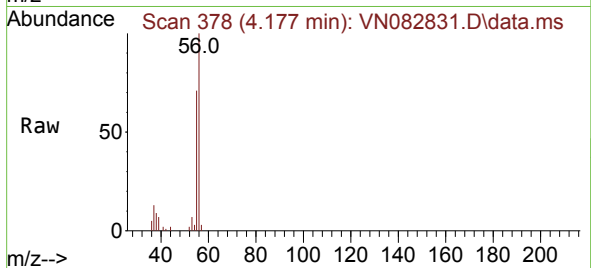
VSTDCCC050EC

Tgt Ion: 56 Resp: 64146

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Allyl chloride

Concen: 59.968 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

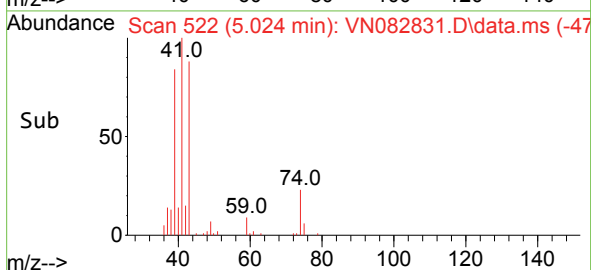
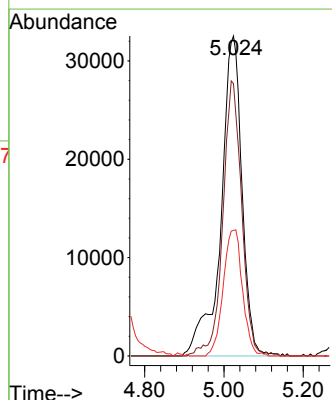
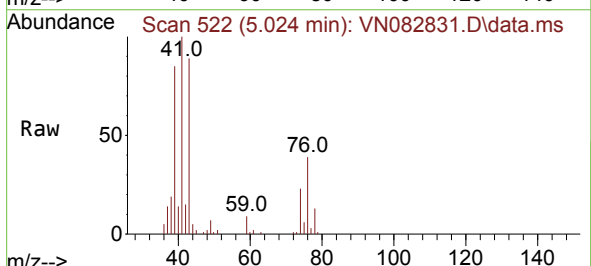
Tgt Ion: 41 Resp: 120151

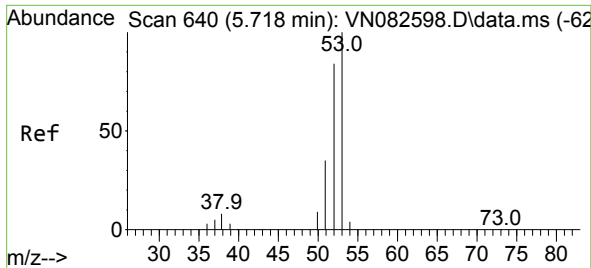
Ion Ratio Lower Upper

41 100

39 76.5 67.8 101.6

76 36.0 25.8 38.8

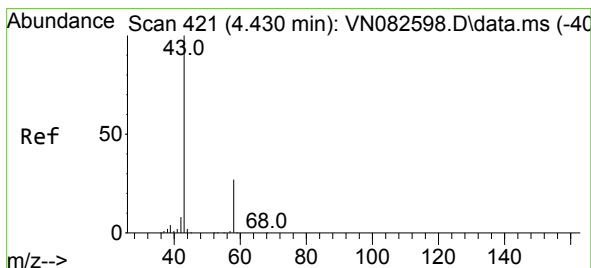
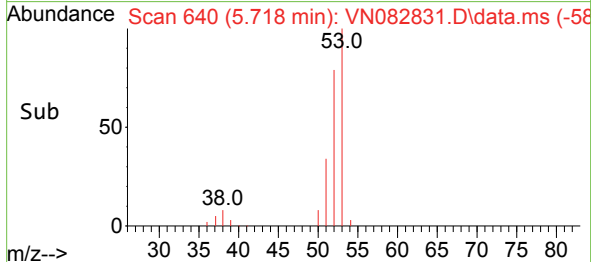
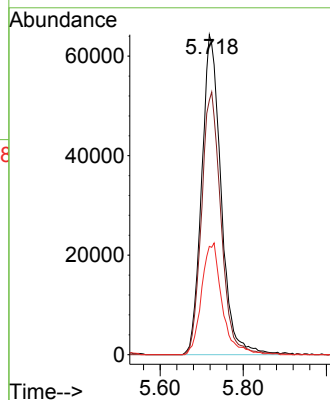
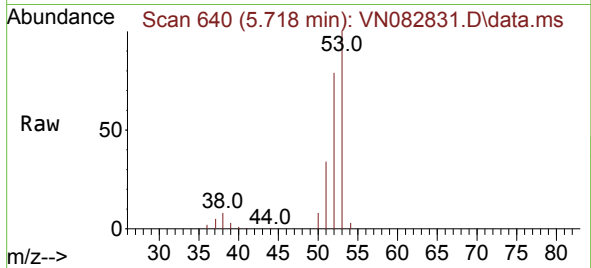




#15
Acrylonitrile
Concen: 306.129 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

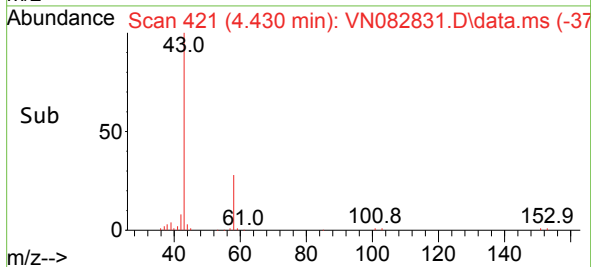
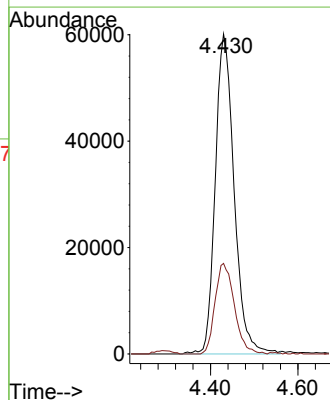
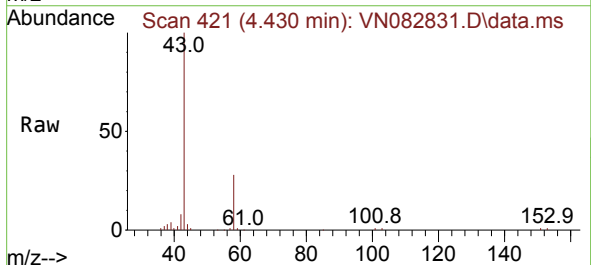
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

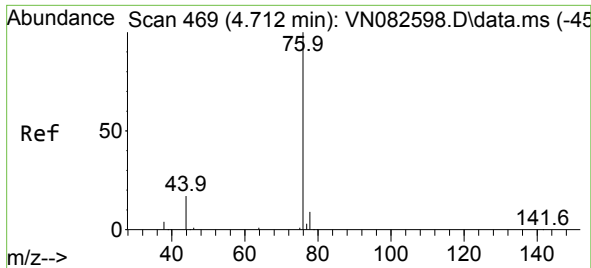
Tgt Ion: 53 Resp: 208802
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 36.9 30.1 45.1



#16
Acetone
Concen: 289.224 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 43 Resp: 179683
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6

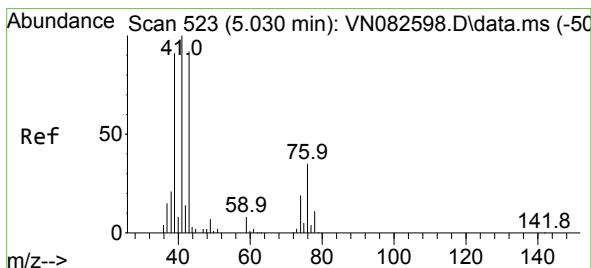
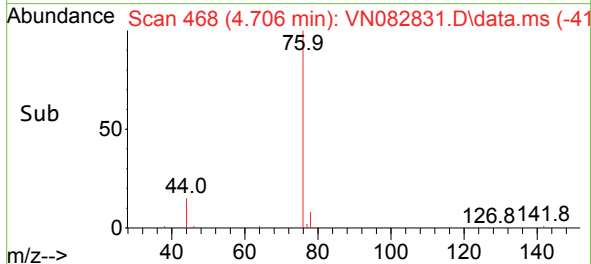
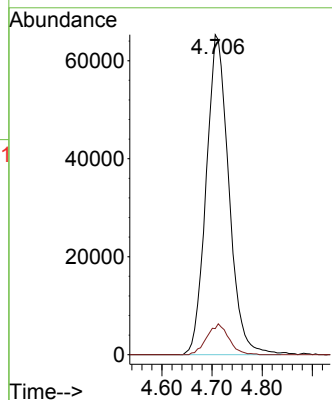
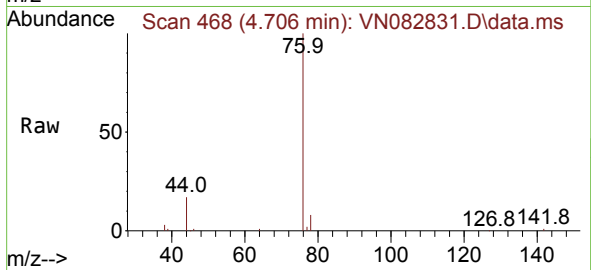




#17
Carbon Disulfide
Concen: 53.380 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

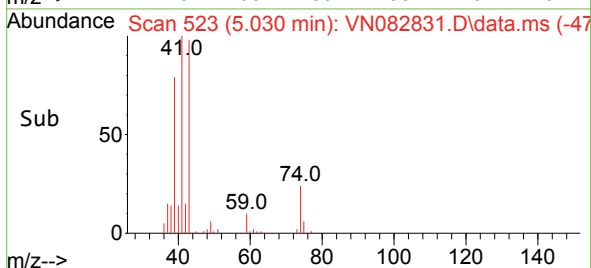
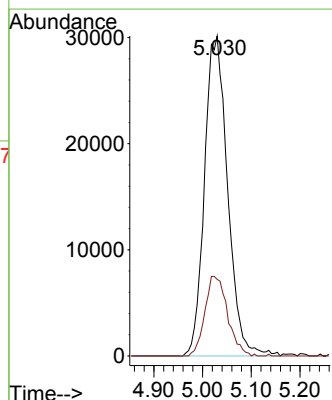
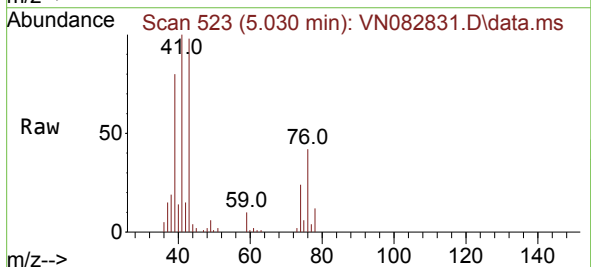
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

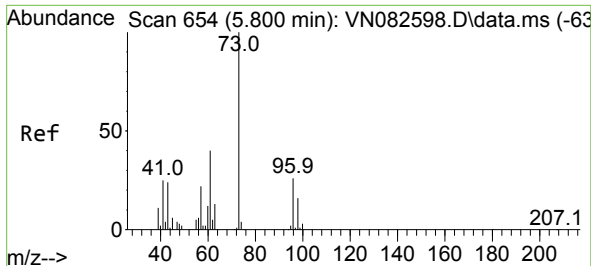
Tgt Ion: 76 Resp: 204970
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 60.457 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 43 Resp: 99386
Ion Ratio Lower Upper
43 100
74 24.5 16.3 24.5

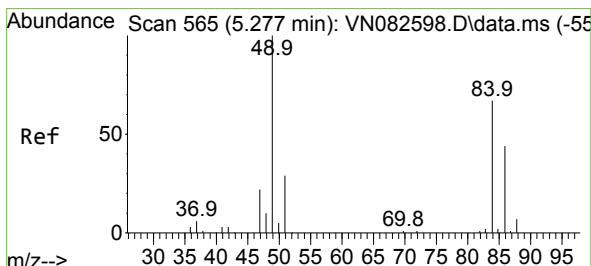
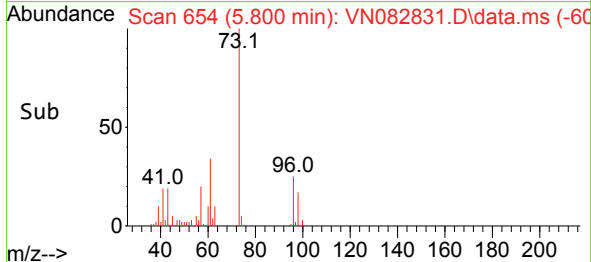
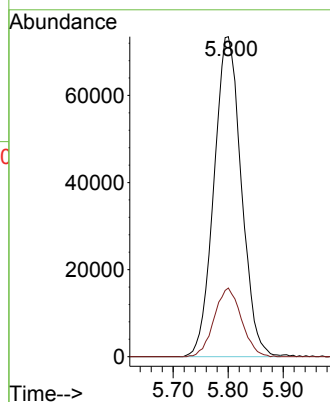
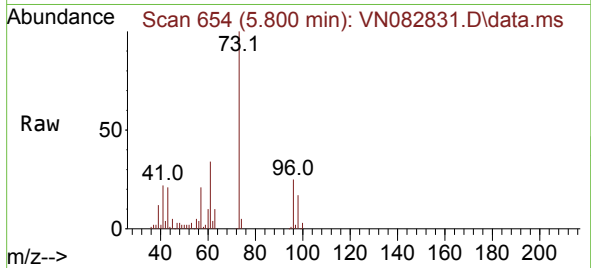




#19
Methyl tert-butyl Ether
Concen: 57.373 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

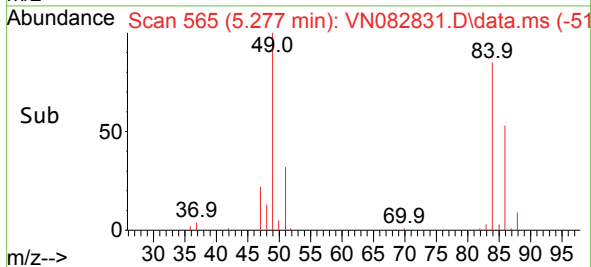
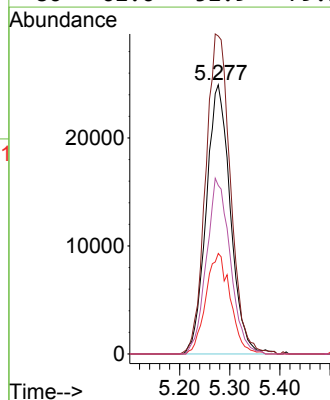
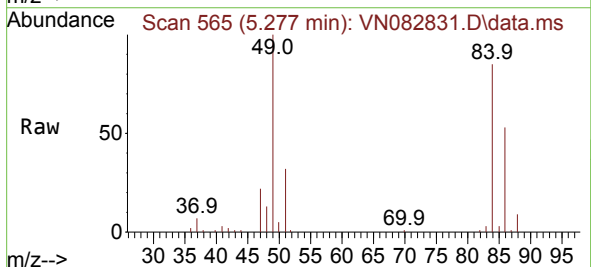
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

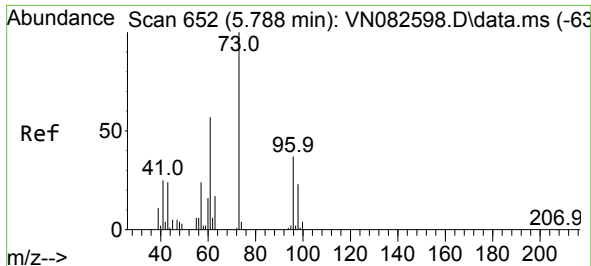
Tgt Ion: 73 Resp: 254316
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 55.576 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 84 Resp: 83384
Ion Ratio Lower Upper
84 100
49 118.1 119.6 179.4#
51 37.4 34.8 52.2
86 62.6 52.9 79.3

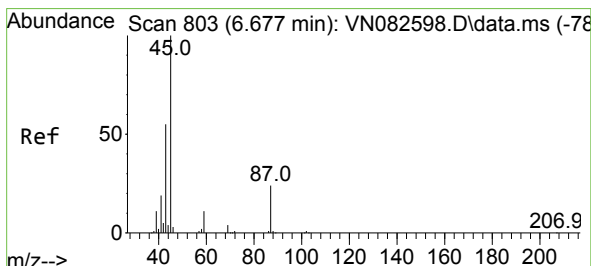
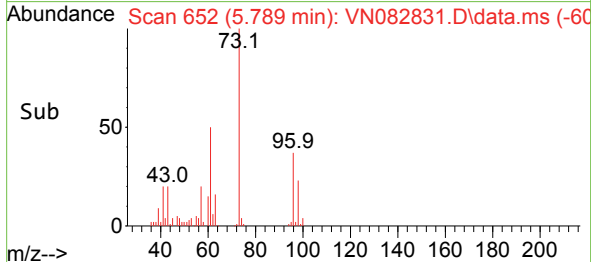
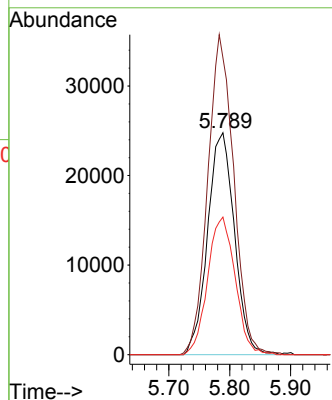
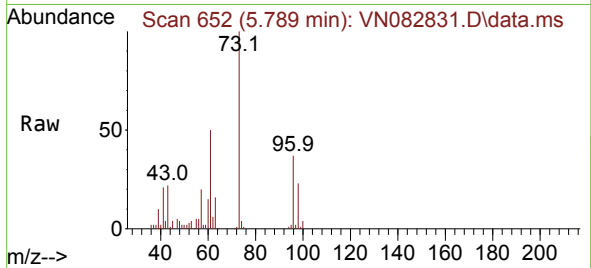




#21
trans-1,2-Dichloroethene
Concen: 54.601 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

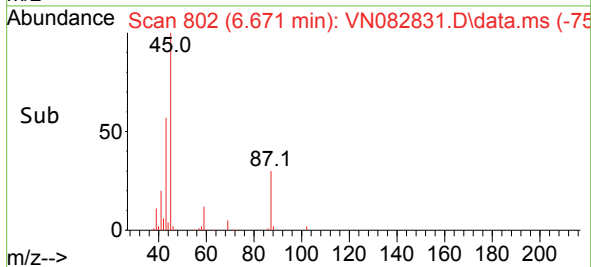
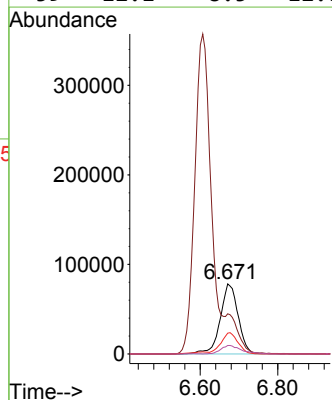
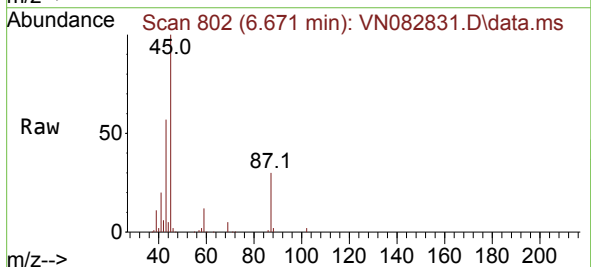
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

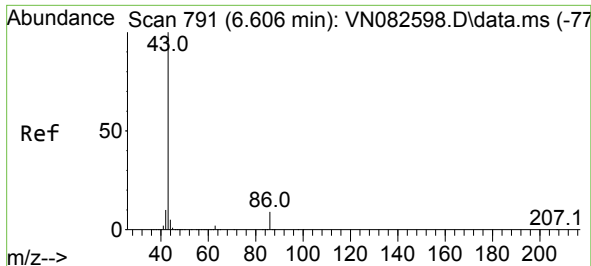
Tgt Ion: 96 Resp: 76025
Ion Ratio Lower Upper
96 100
61 133.8 123.4 185.2
98 62.0 49.3 73.9



#22
Diisopropyl ether
Concen: 59.842 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 45 Resp: 250840
Ion Ratio Lower Upper
45 100
43 56.9 44.0 66.0
87 29.8 19.7 29.5#
59 12.1 8.5 12.7

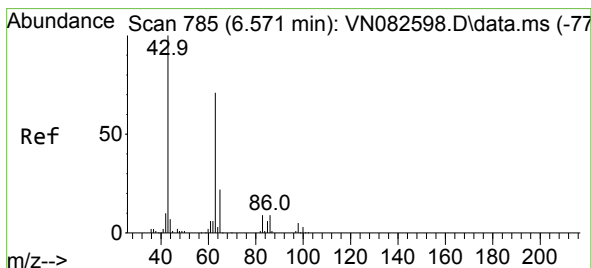
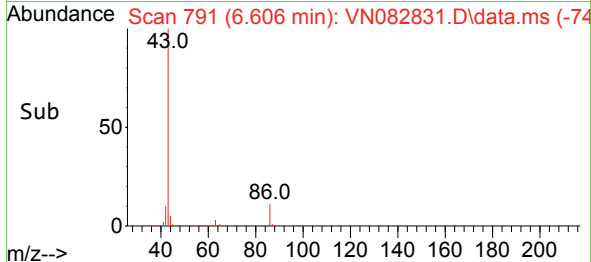
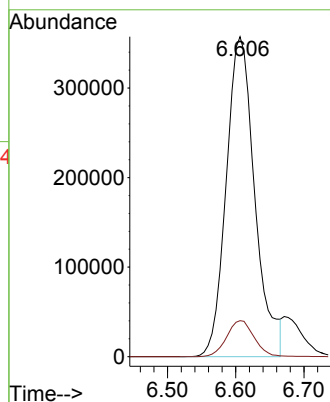
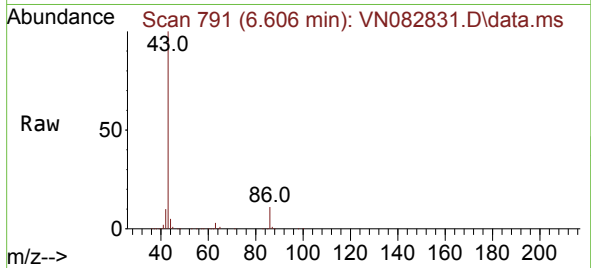




#23
 Vinyl Acetate
 Concen: 313.691 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

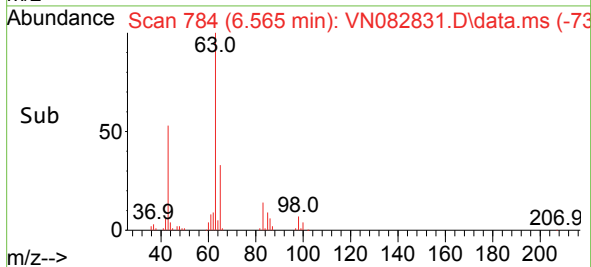
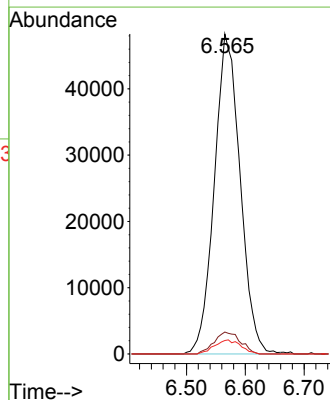
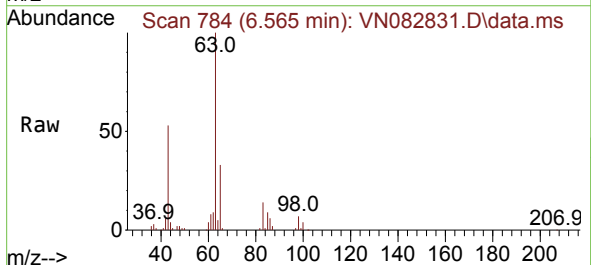
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 VSTDCCC050EC

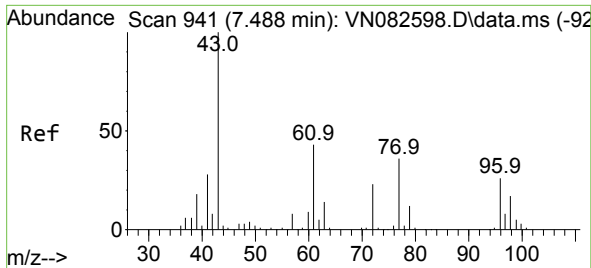
Tgt Ion: 43 Resp: 1044208
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 57.788 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

Tgt Ion: 63 Resp: 146931
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.2 2.0 6.0

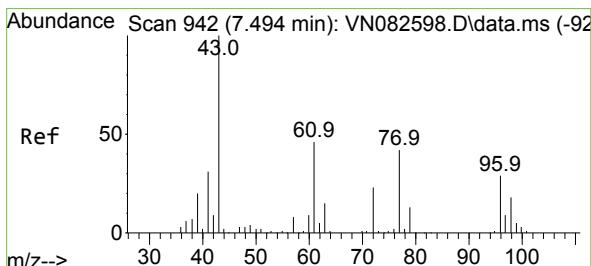
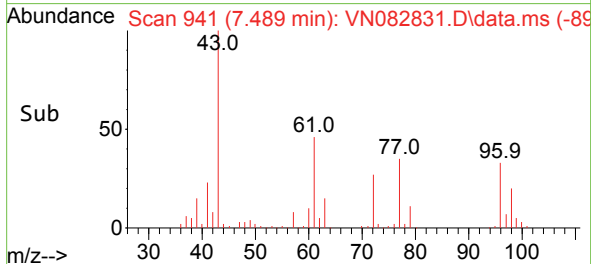
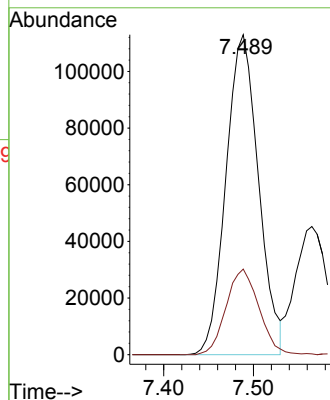
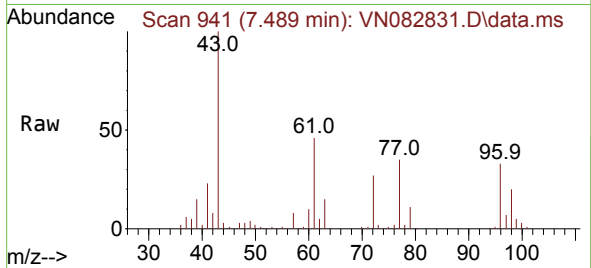




#25
2-Butanone
Concen: 303.537 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

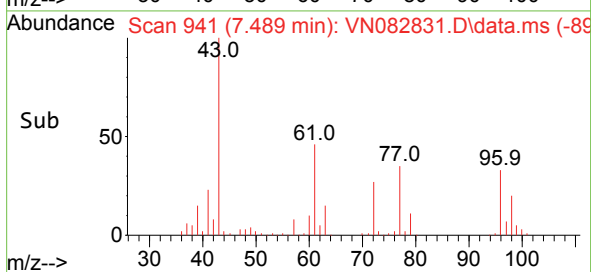
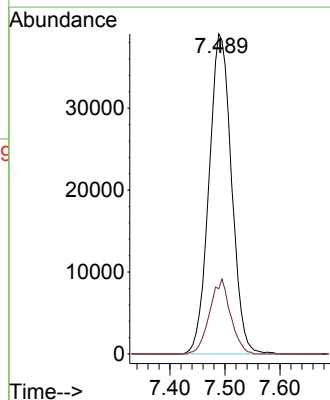
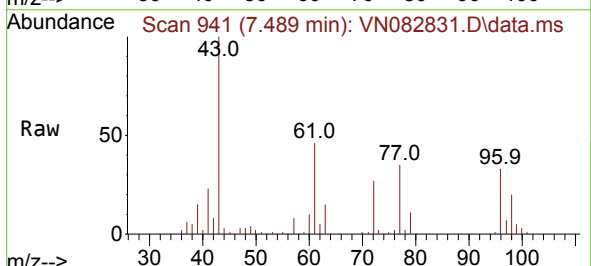
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ClientSampleId :
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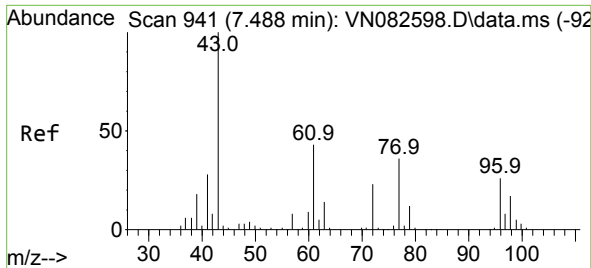
Tgt Ion: 43 Resp: 284738
Ion Ratio Lower Upper
43 100
72 26.8 18.2 27.2



#26
2,2-Dichloropropane
Concen: 47.056 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 77 Resp: 111241
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9

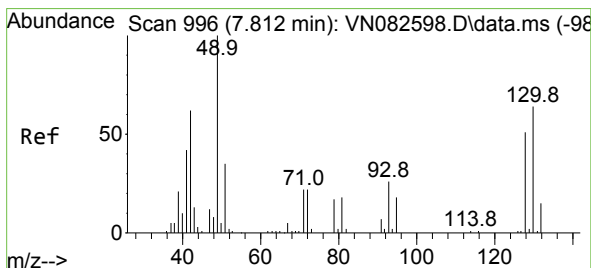
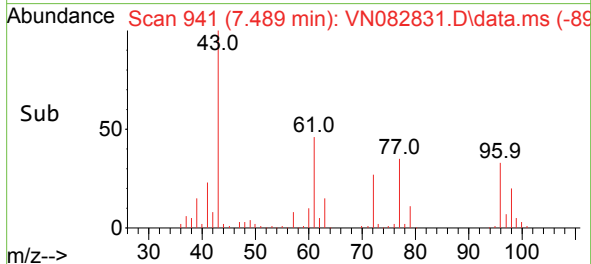
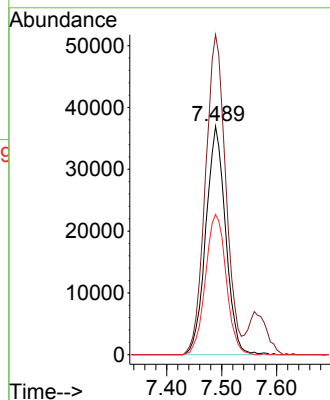
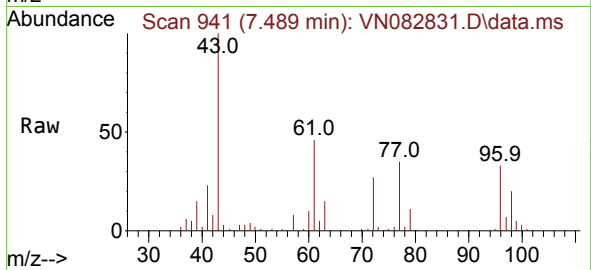




#27
cis-1,2-Dichloroethene
Concen: 56.769 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

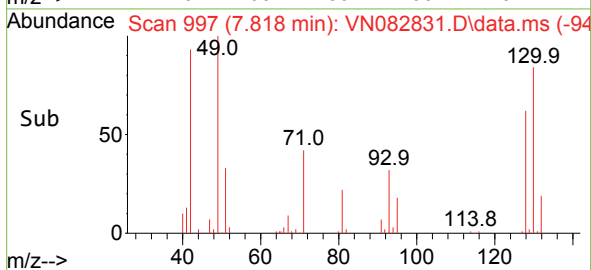
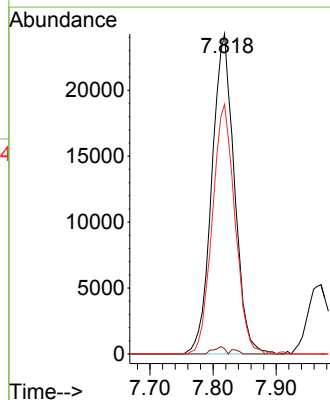
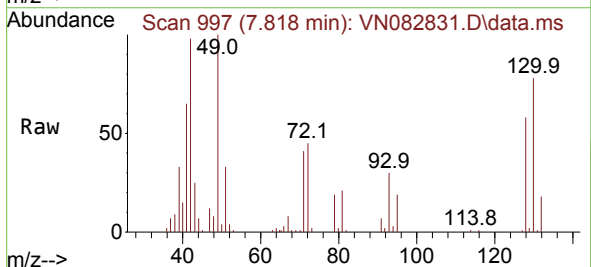
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

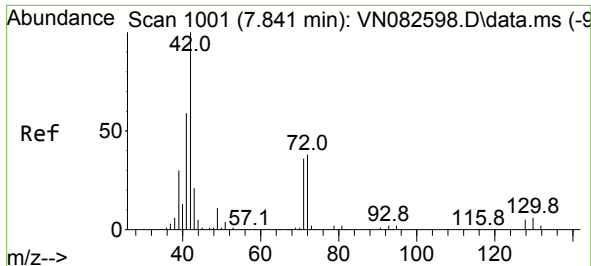
Tgt Ion: 96 Resp: 92539
Ion Ratio Lower Upper
96 100
61 143.5 0.0 329.6
98 64.2 0.0 128.6



#28
Bromochloromethane
Concen: 55.061 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 49 Resp: 60058
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 78.5 50.5 75.7#





#29

Tetrahydrofuran

Concen: 319.676 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

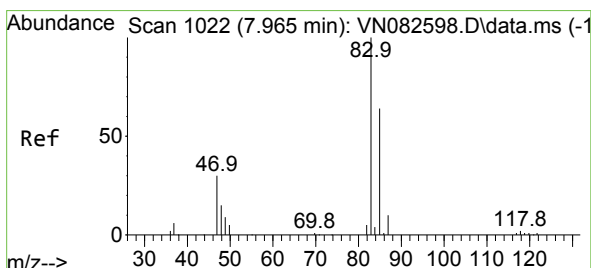
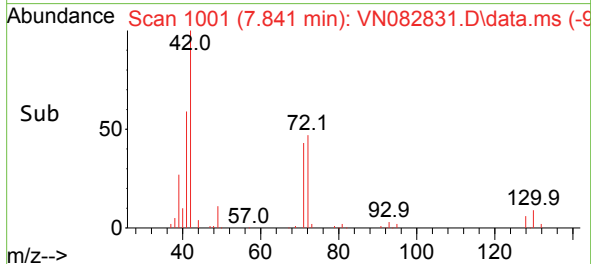
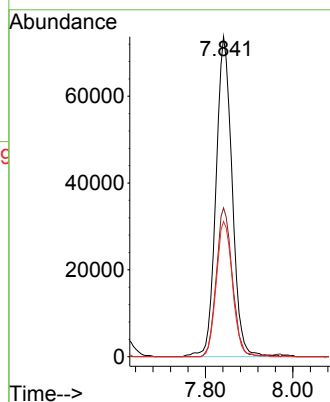
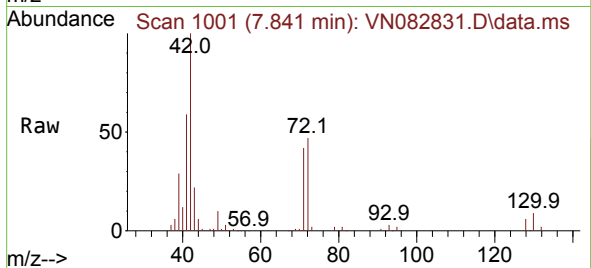
Tgt Ion: 42 Resp: 188789

Ion Ratio Lower Upper

42 100

72 46.0 30.0 45.0#

71 42.4 28.3 42.5



#30

Chloroform

Concen: 57.597 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082831.D

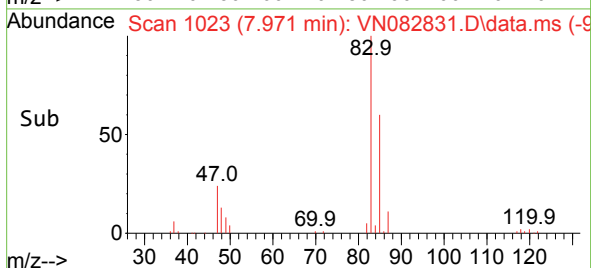
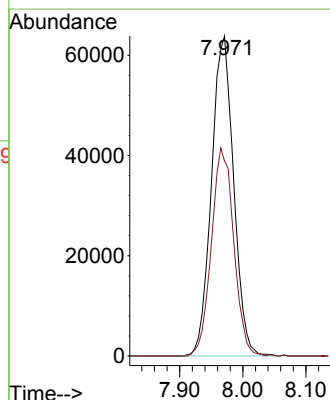
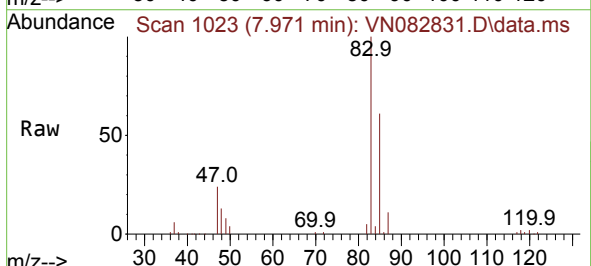
Acq: 08 Jul 2024 19:26

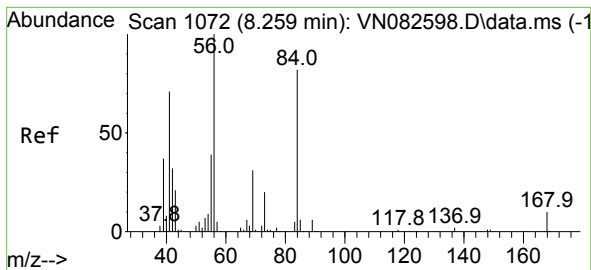
Tgt Ion: 83 Resp: 155360

Ion Ratio Lower Upper

83 100

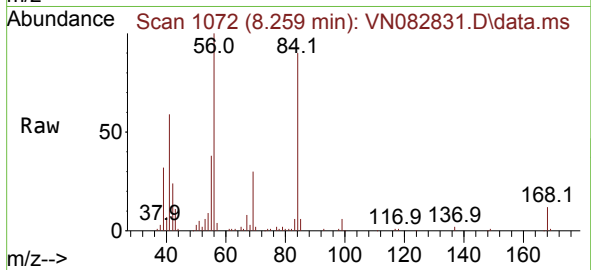
85 60.9 50.9 76.3



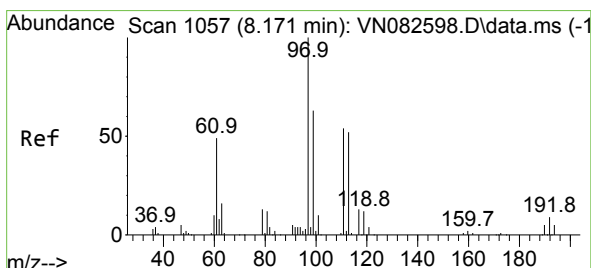
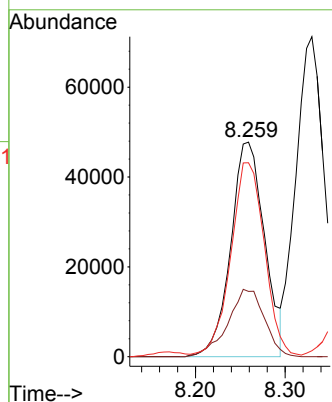
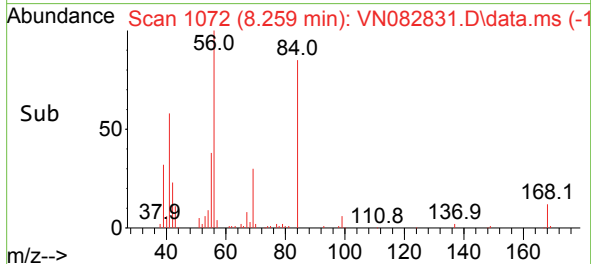


#31
Cyclohexane
Concen: 54.223 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

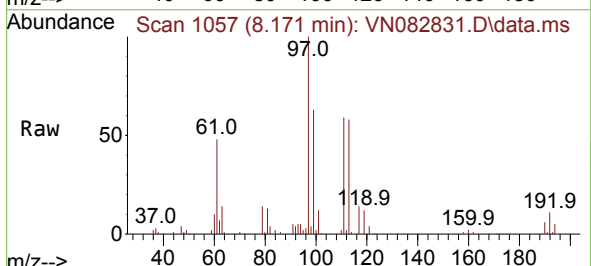
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



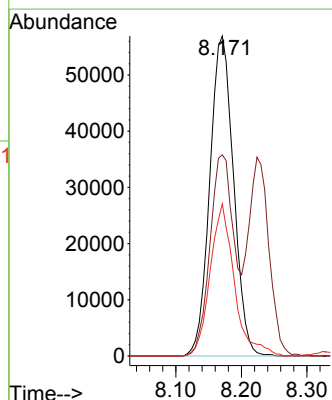
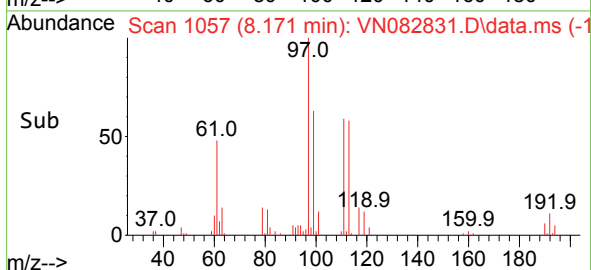
Tgt Ion: 56 Resp: 125089
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 88.6 66.0 99.0

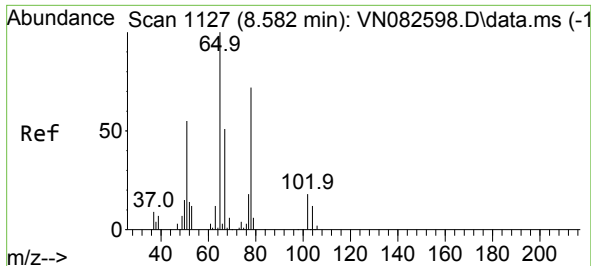


#32
1,1,1-Trichloroethane
Concen: 57.104 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26



Tgt Ion: 97 Resp: 143009
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 48.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 57.807 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

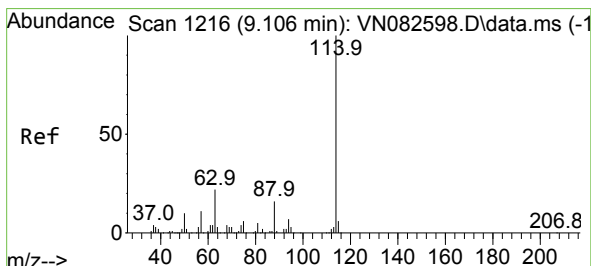
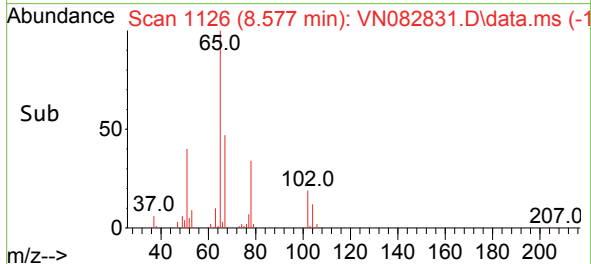
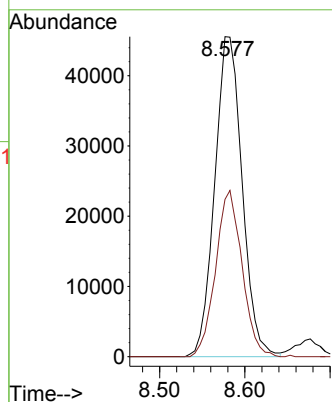
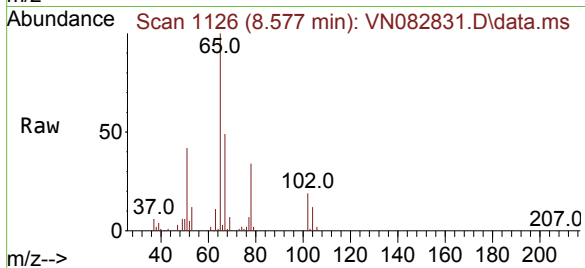
VSTDCCC050EC

Tgt Ion: 65 Resp: 102004

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

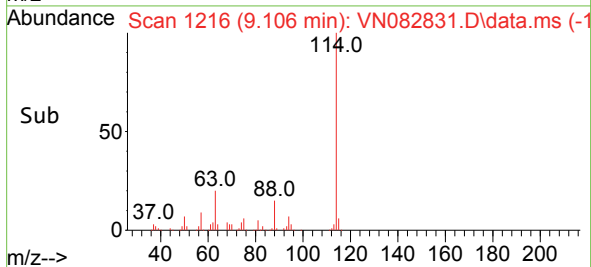
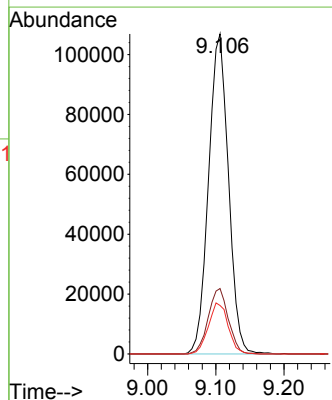
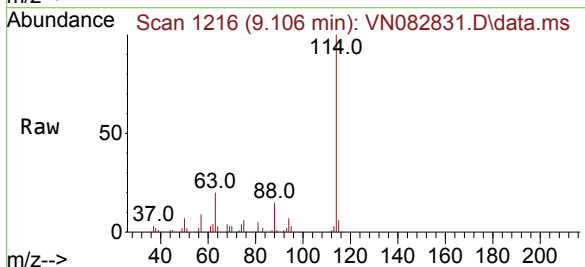
Tgt Ion: 114 Resp: 216541

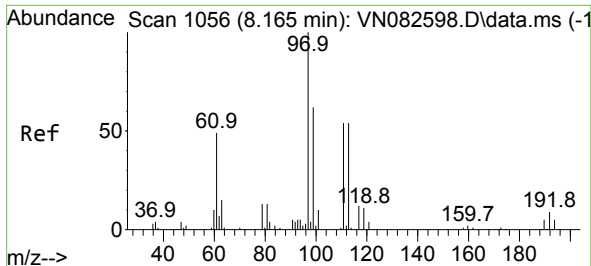
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 15.2 0.0 31.4

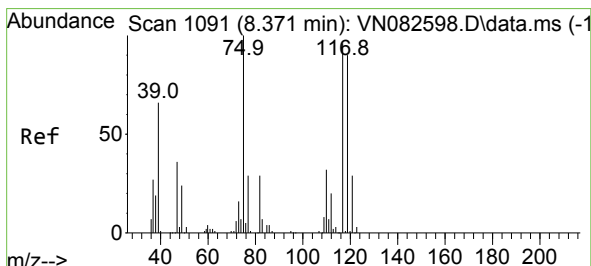
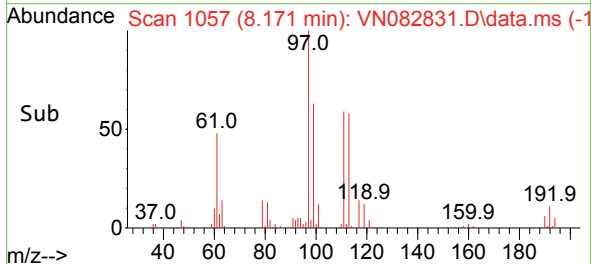
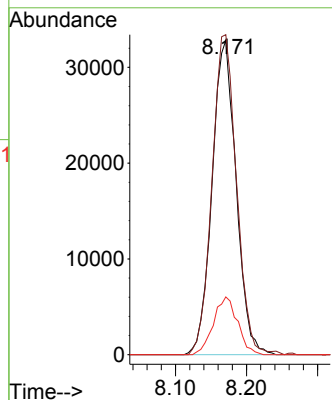
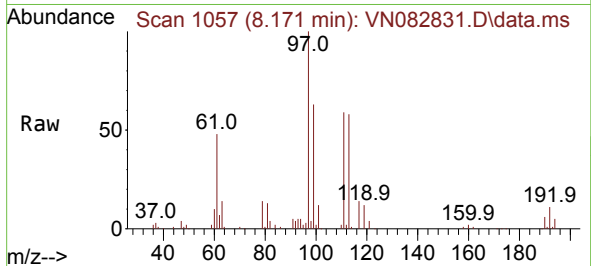




#35
Dibromofluoromethane
Concen: 55.456 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

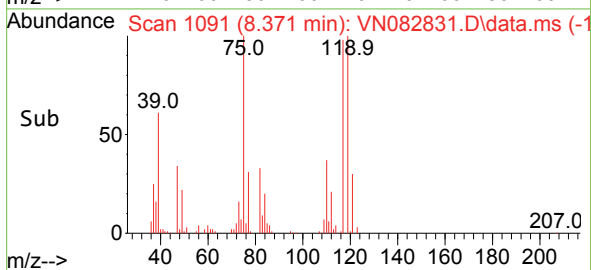
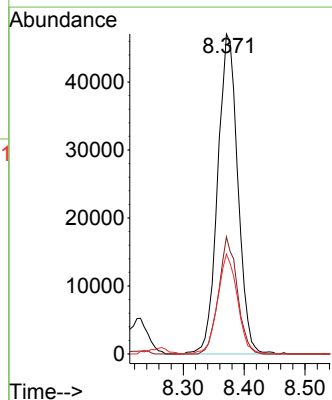
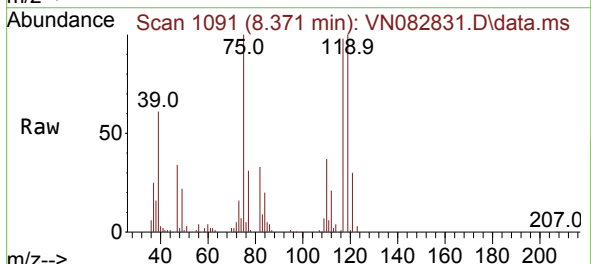
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

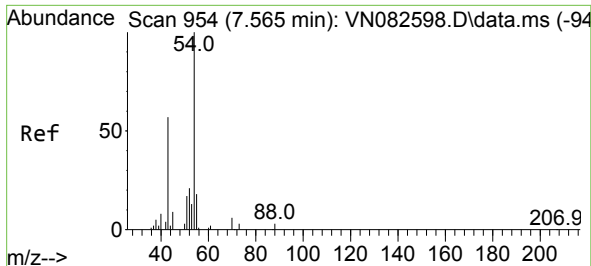
Tgt Ion:113 Resp: 77055
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 56.468 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 75 Resp: 108179
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 60.199 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

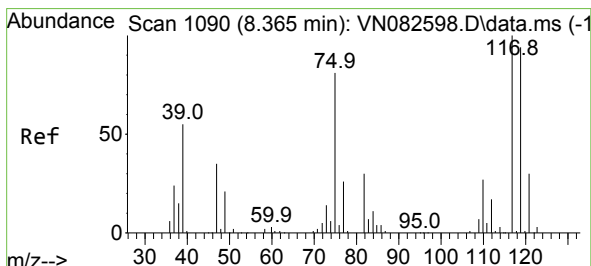
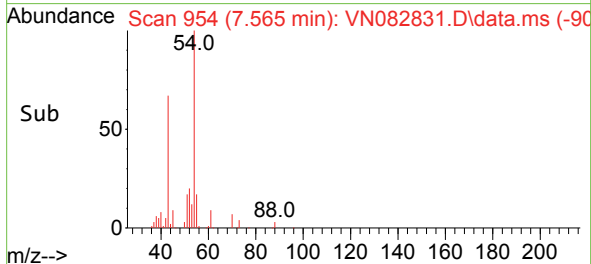
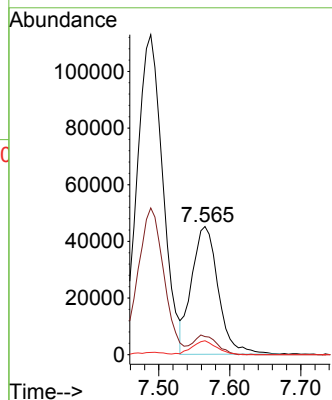
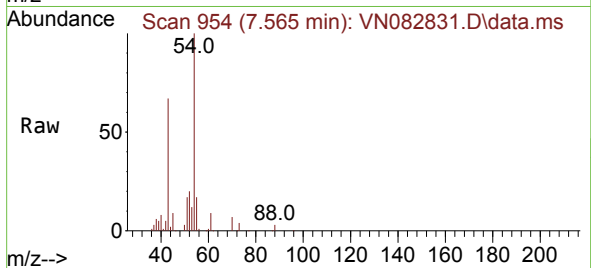
Tgt Ion: 43 Resp: 117413

Ion Ratio Lower Upper

43 100

61 14.1 9.3 13.9#

70 10.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 55.918 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

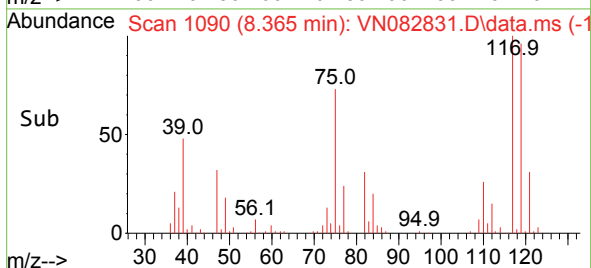
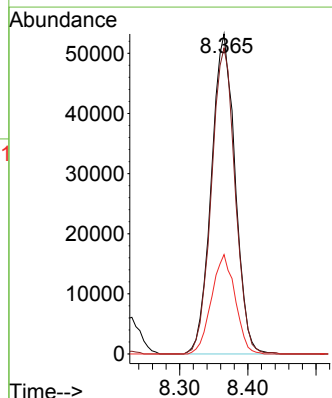
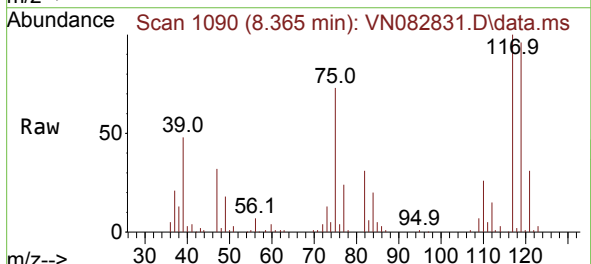
Tgt Ion: 117 Resp: 128981

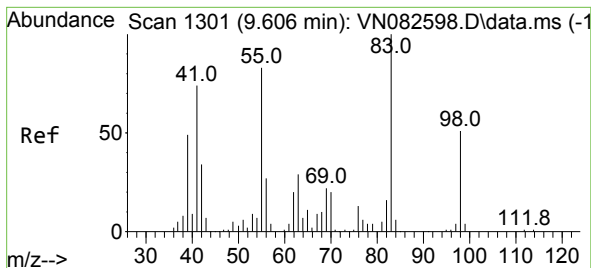
Ion Ratio Lower Upper

117 100

119 95.6 74.9 112.3

121 31.0 24.3 36.5





#39

Methylcyclohexane

Concen: 55.577 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

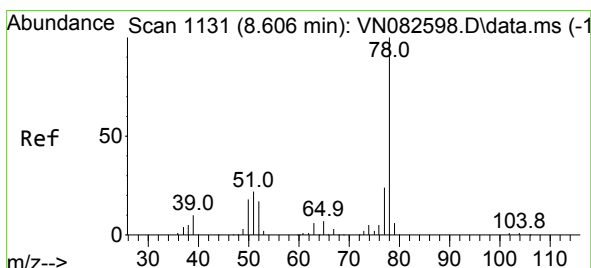
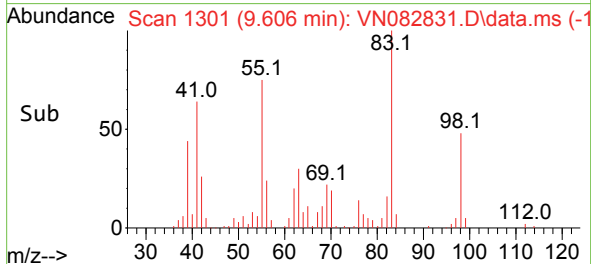
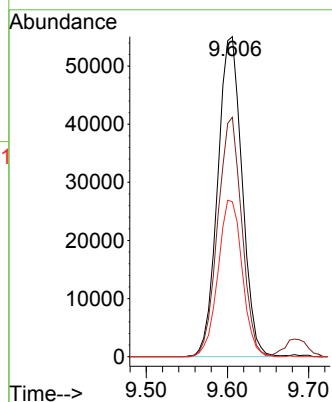
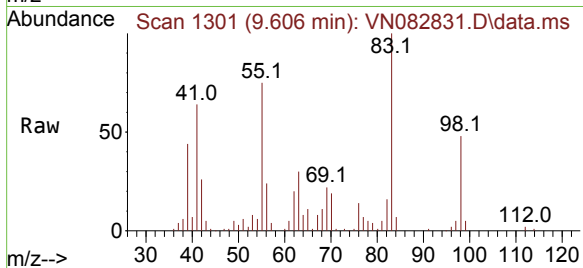
Tgt Ion: 83 Resp: 115008

Ion Ratio Lower Upper

83 100

55 74.8 66.4 99.6

98 48.4 40.7 61.1



#40

Benzene

Concen: 56.311 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082831.D

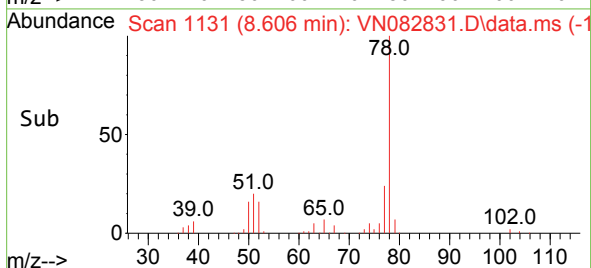
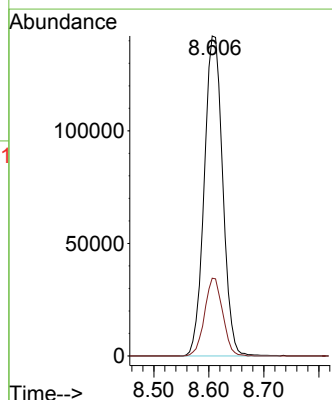
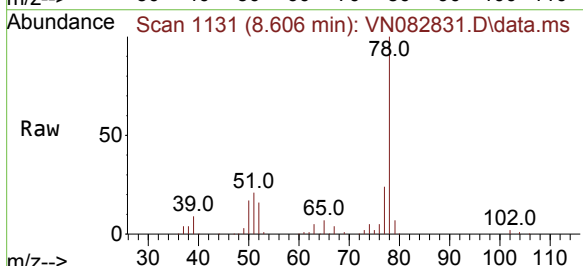
Acq: 08 Jul 2024 19:26

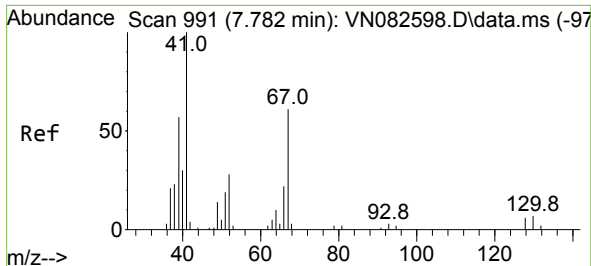
Tgt Ion: 78 Resp: 331835

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



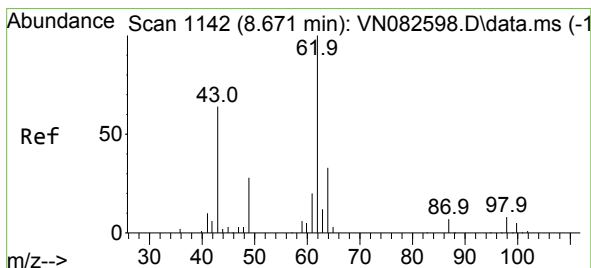
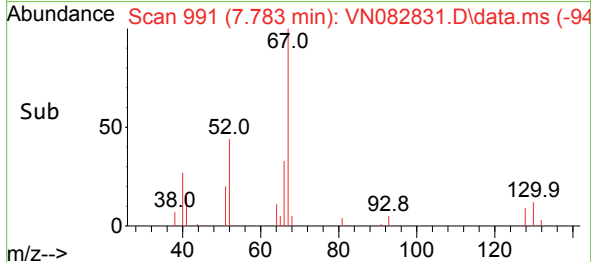
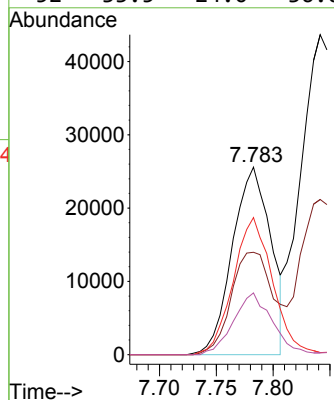
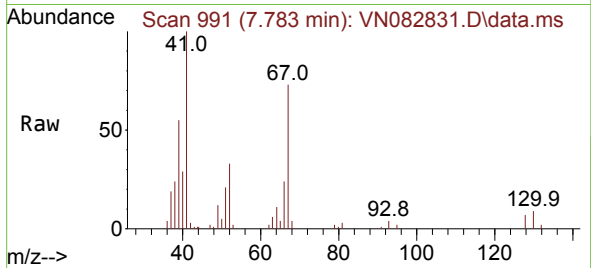


#41
Methacrylonitrile
Concen: 57.390 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 60303

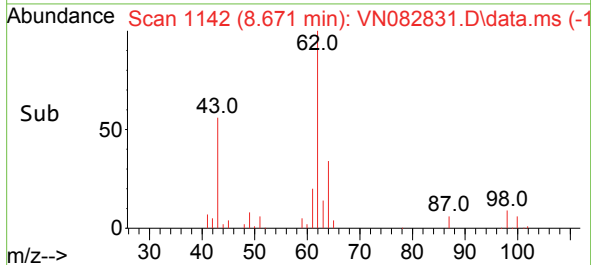
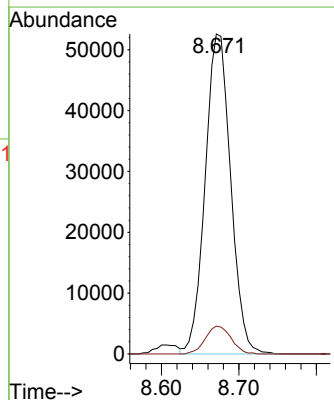
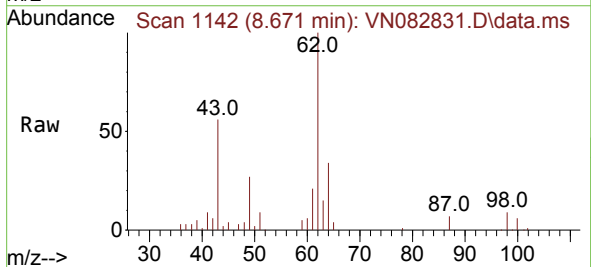
Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.5	68.3
67	74.8	50.5	75.7
52	33.5	24.0	36.0

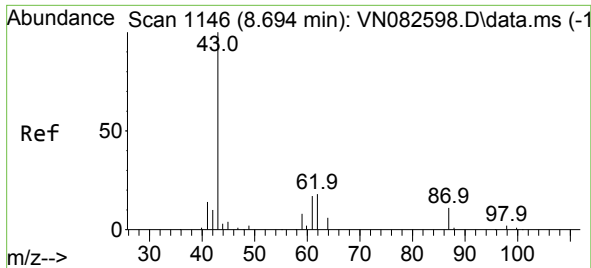


#42
1,2-Dichloroethane
Concen: 56.682 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 62 Resp: 120247

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8

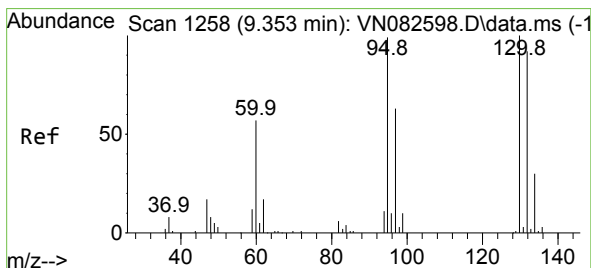
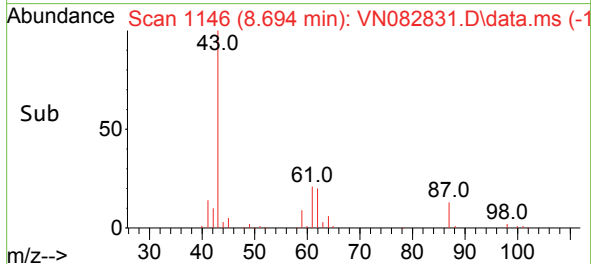
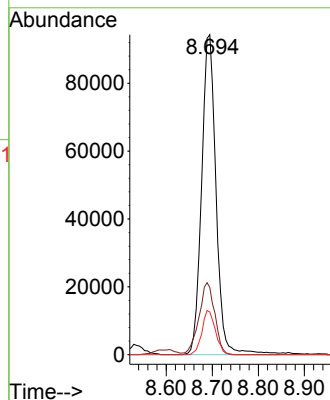
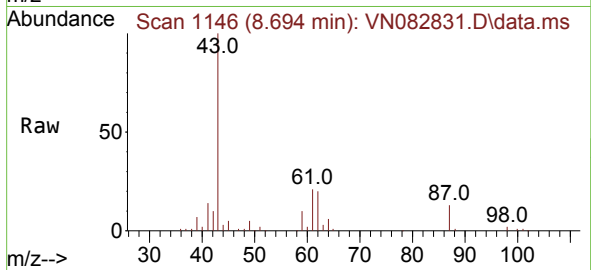




#43
Isopropyl Acetate
Concen: 56.444 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

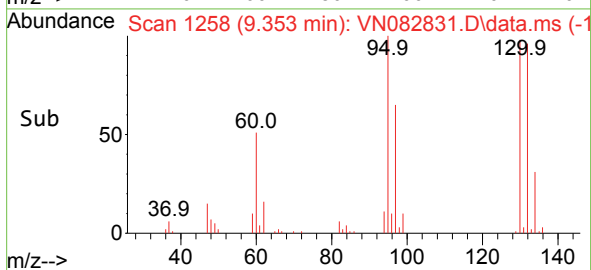
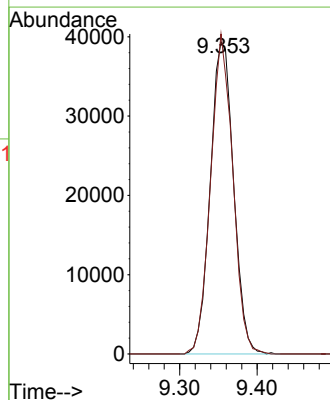
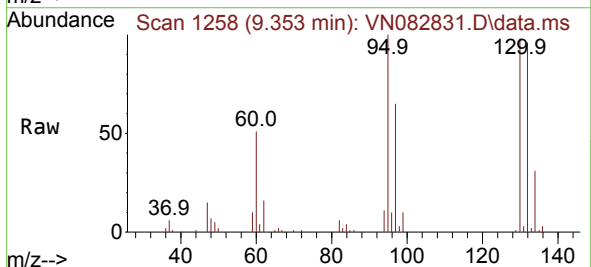
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

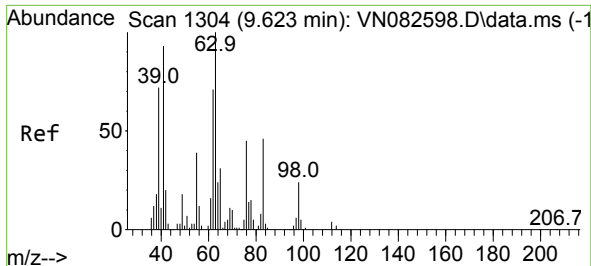
Tgt Ion: 43 Resp: 206175
Ion Ratio Lower Upper
43 100
61 24.7 17.8 26.6
87 12.9 8.2 12.2#



#44
Trichloroethene
Concen: 54.521 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:130 Resp: 82313
Ion Ratio Lower Upper
130 100
95 102.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 59.265 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

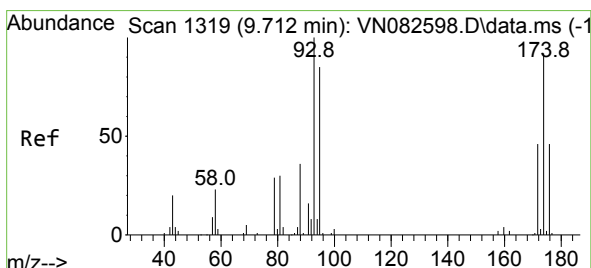
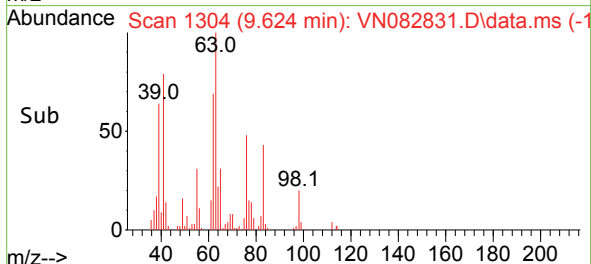
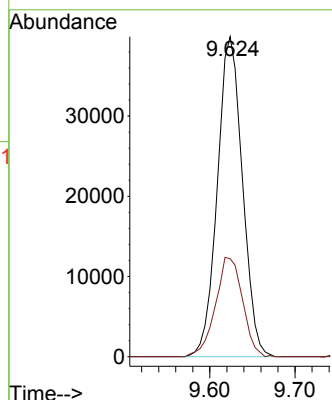
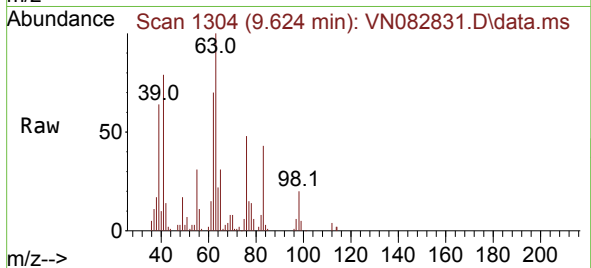
VSTDCCC050EC

Tgt Ion: 63 Resp: 81535

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 57.328 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

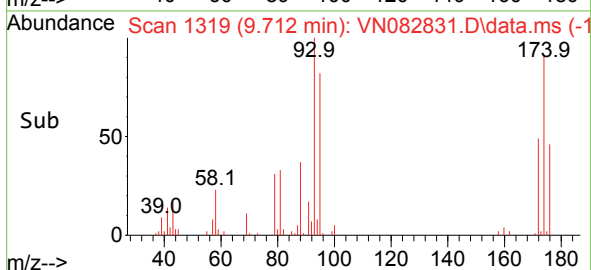
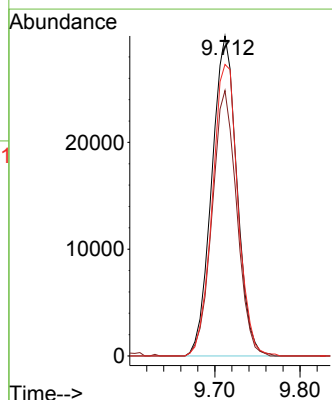
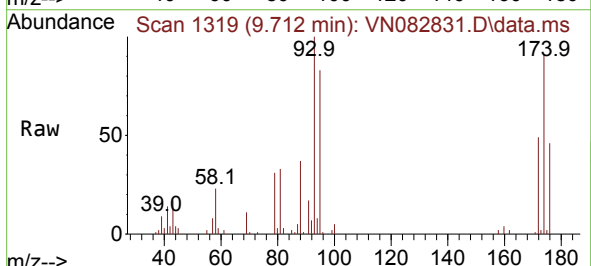
Tgt Ion: 93 Resp: 61444

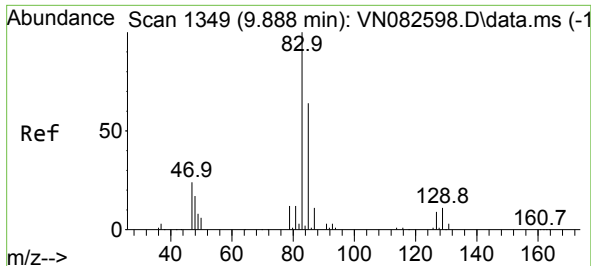
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 92.7 71.7 107.5





#47

Bromodichloromethane

Concen: 57.166 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

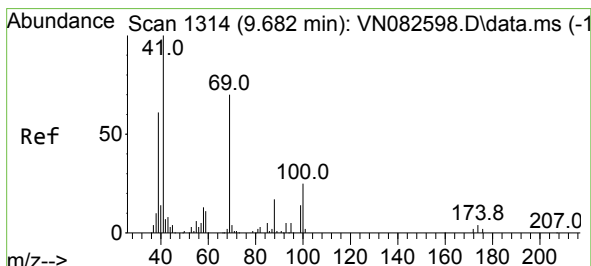
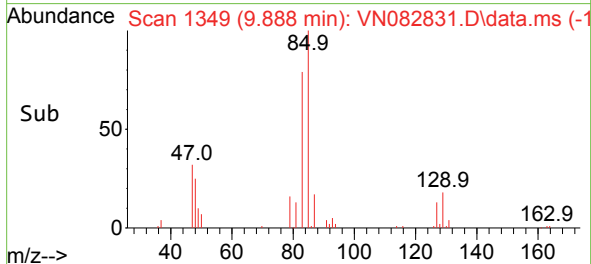
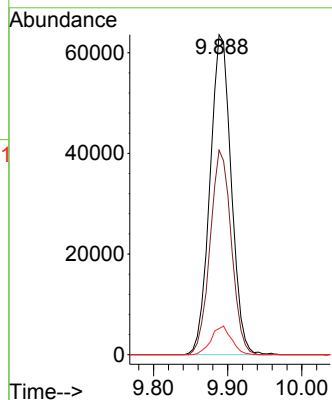
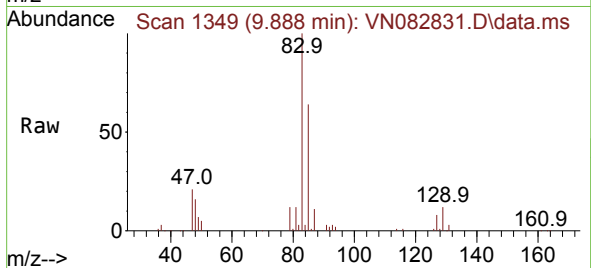
Tgt Ion: 83 Resp: 126599

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

127 8.1 7.2 10.8



#48

Methyl methacrylate

Concen: 60.875 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.001 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

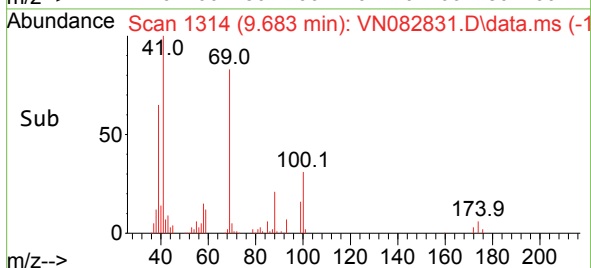
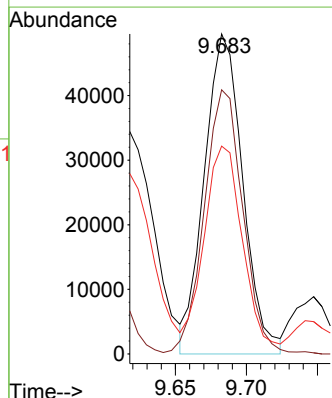
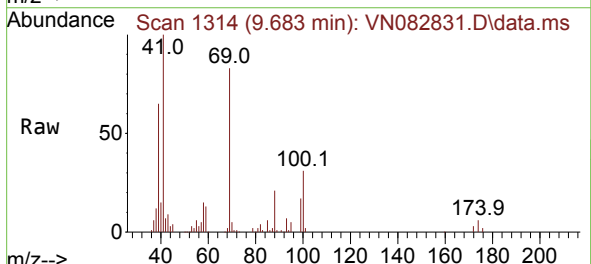
Tgt Ion: 41 Resp: 93098

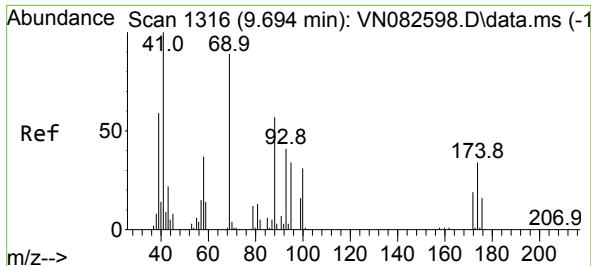
Ion Ratio Lower Upper

41 100

69 83.3 56.3 84.5

39 66.2 50.3 75.5





#49

1,4-Dioxane

Concen: 1186.300 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

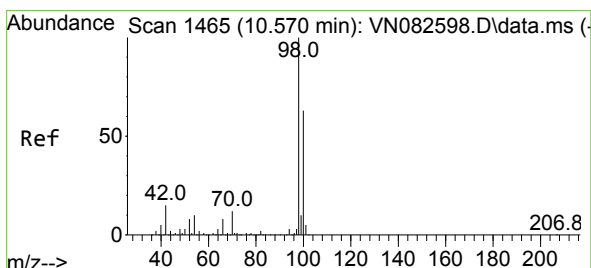
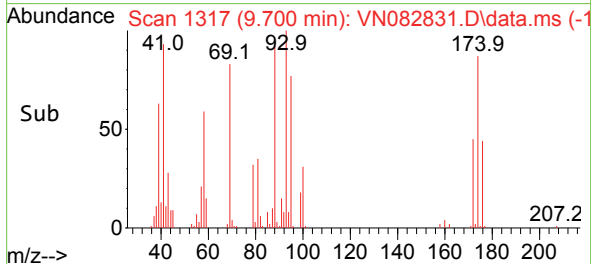
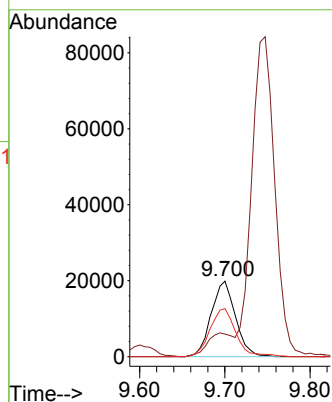
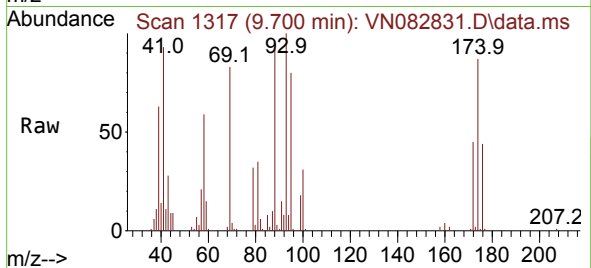
Tgt Ion: 88 Resp: 39290

Ion Ratio Lower Upper

88 100

43 34.2 27.8 41.8

58 68.2 59.4 89.0



#50

Toluene-d8

Concen: 57.935 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082831.D

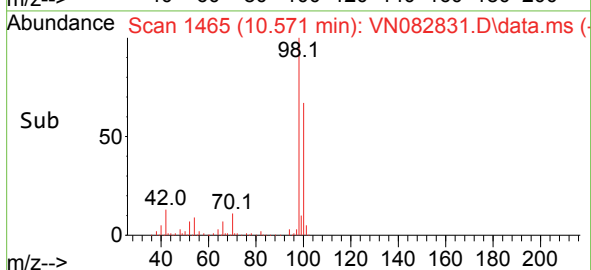
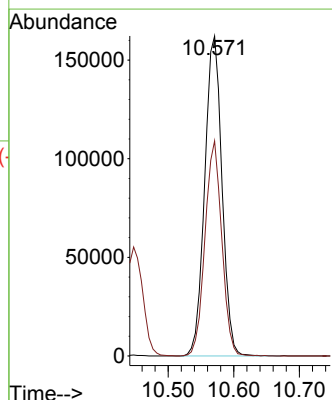
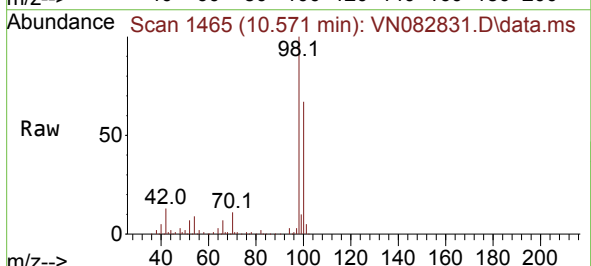
Acq: 08 Jul 2024 19:26

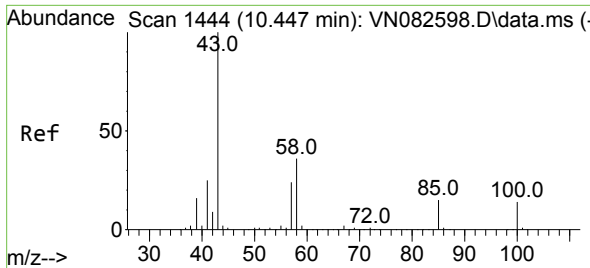
Tgt Ion: 98 Resp: 297324

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3

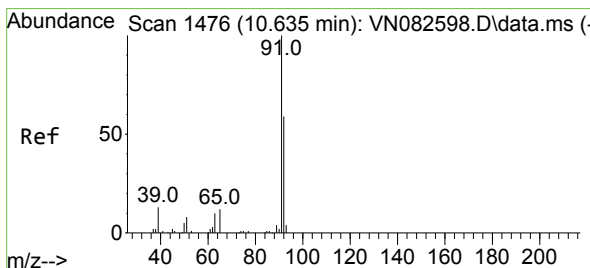
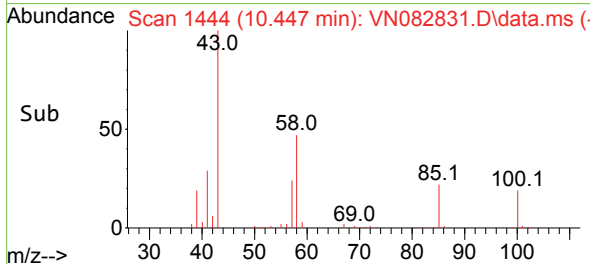
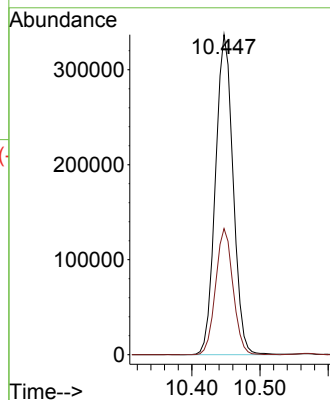
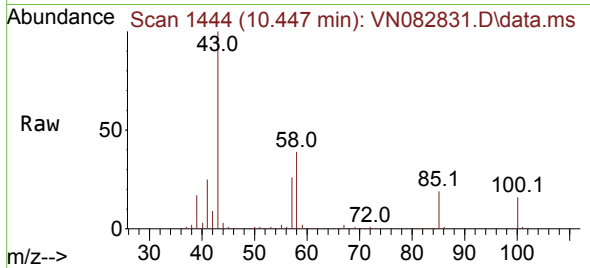




#51
4-Methyl-2-Pentanone
Concen: 313.877 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

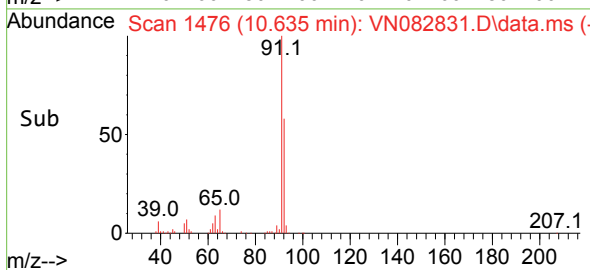
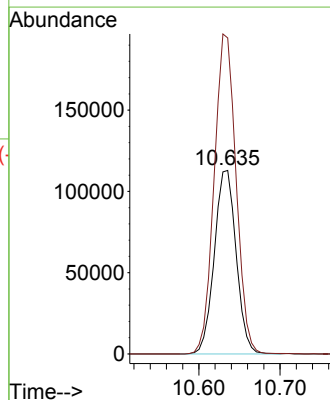
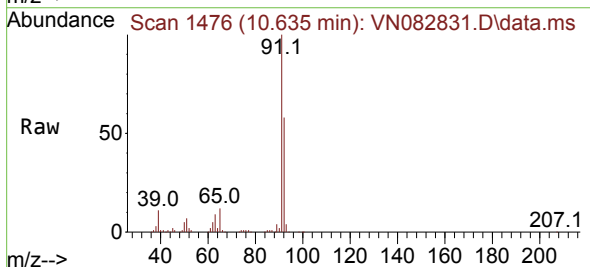
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

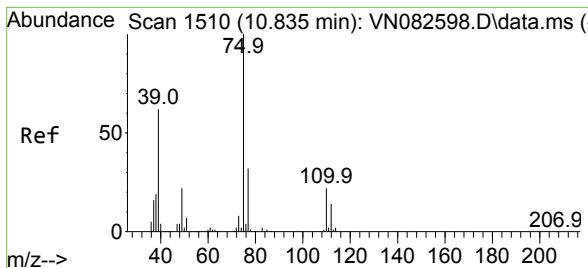
Tgt Ion: 43 Resp: 606909
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4



#52
Toluene
Concen: 57.402 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 92 Resp: 211303
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.0

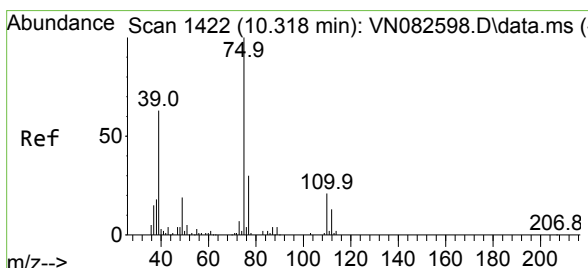
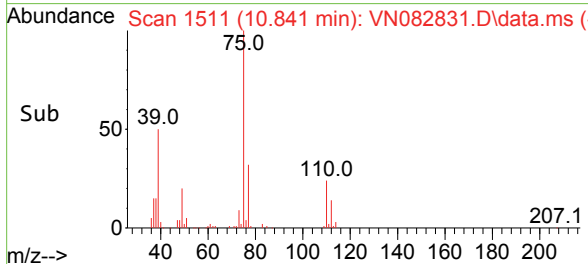
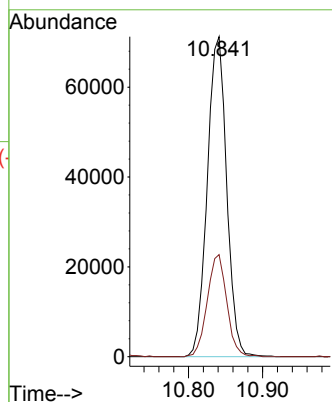
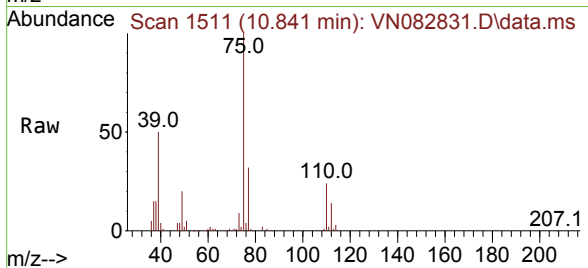




#53
 t-1,3-Dichloropropene
 Concen: 56.709 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

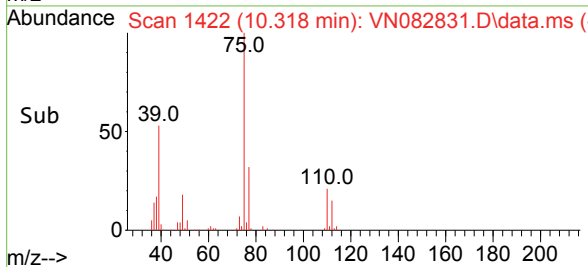
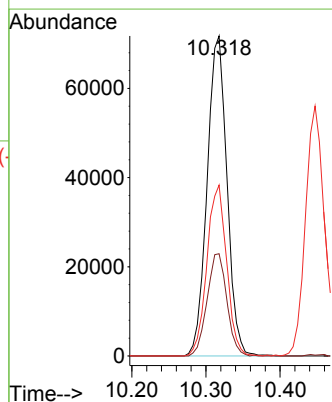
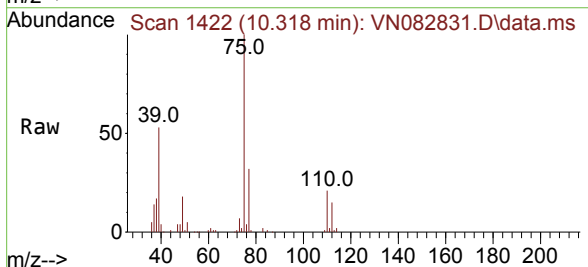
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

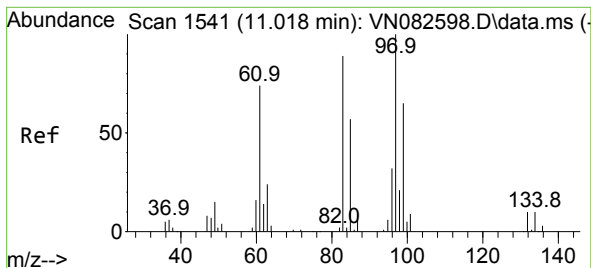
Tgt Ion: 75 Resp: 129377
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 55.364 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

Tgt Ion: 75 Resp: 133694
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.3 36.5
 39 53.4 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 58.884 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 79707

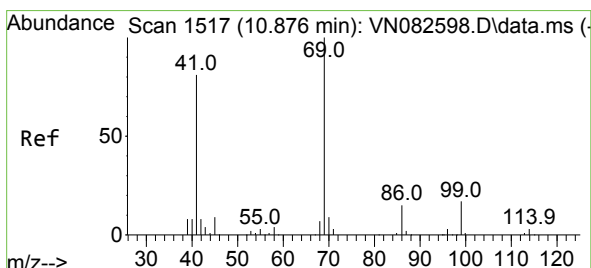
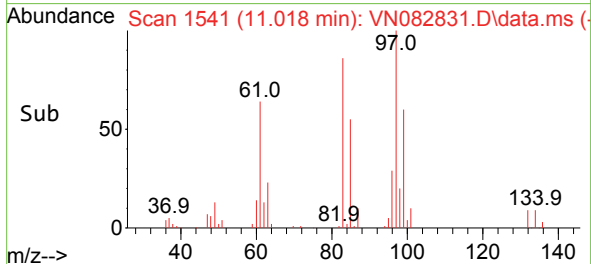
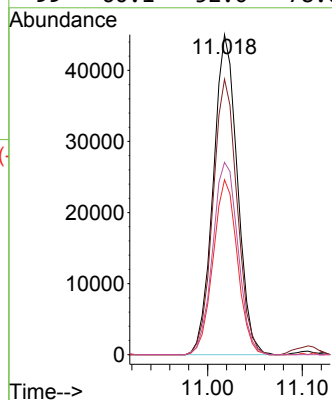
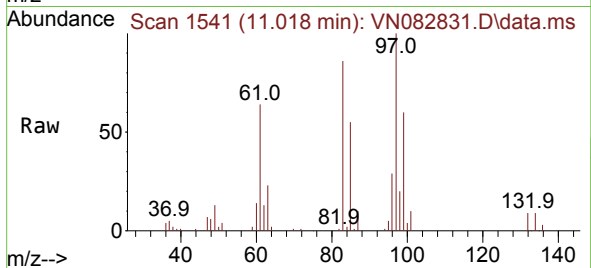
Ion Ratio Lower Upper

97 100

83 86.1 71.4 107.0

85 54.7 45.8 68.6

99 60.1 52.0 78.0



#56

Ethyl methacrylate

Concen: 63.887 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

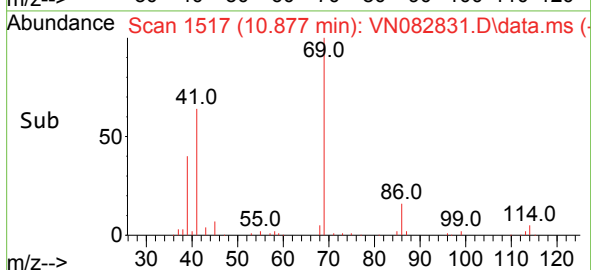
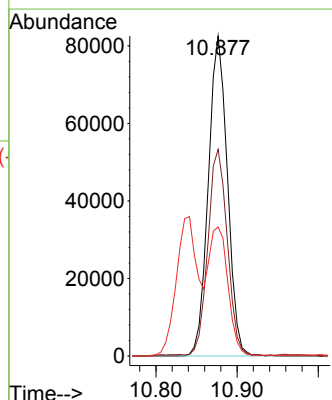
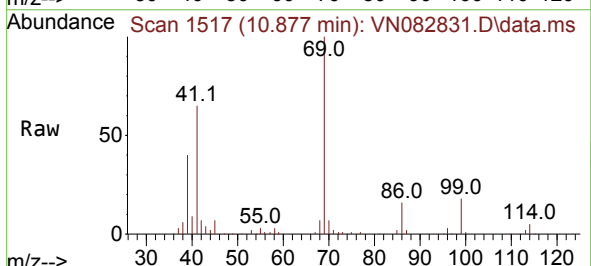
Tgt Ion: 69 Resp: 134544

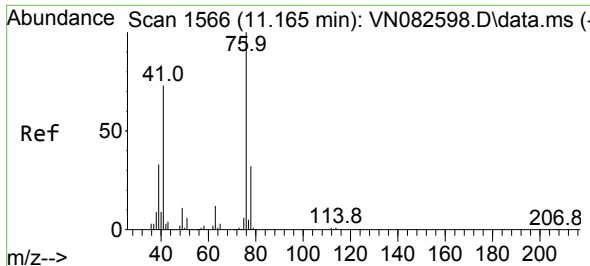
Ion Ratio Lower Upper

69 100

41 66.6 63.4 95.2

39 40.6 37.4 56.0





#57

1,3-Dichloropropane

Concen: 58.316 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082831.D

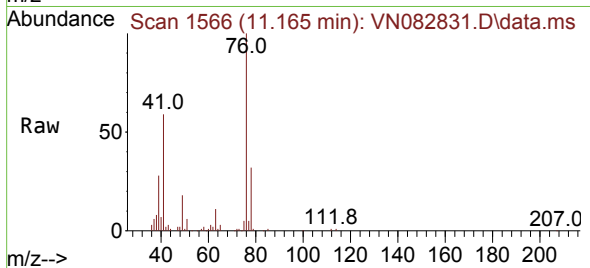
Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

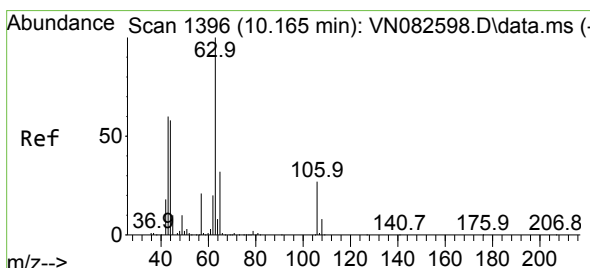
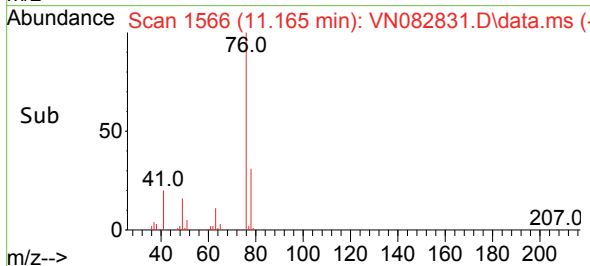
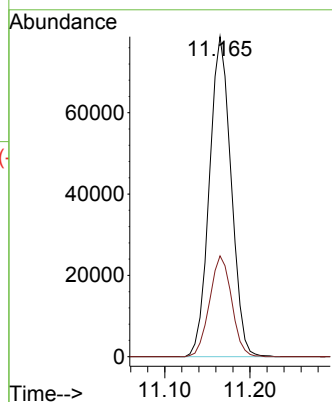


Tgt Ion: 76 Resp: 139728

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 315.616 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082831.D

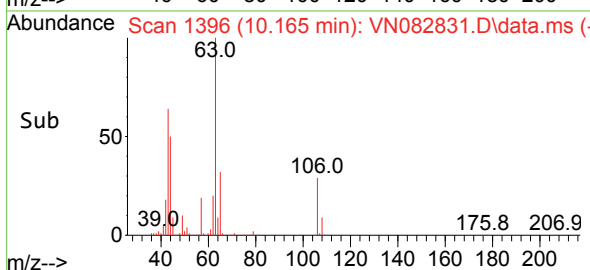
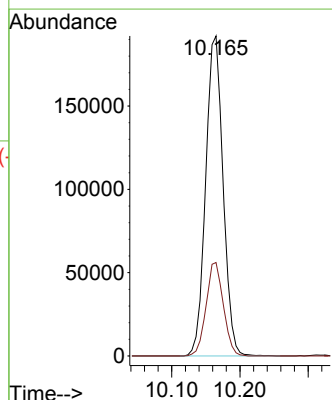
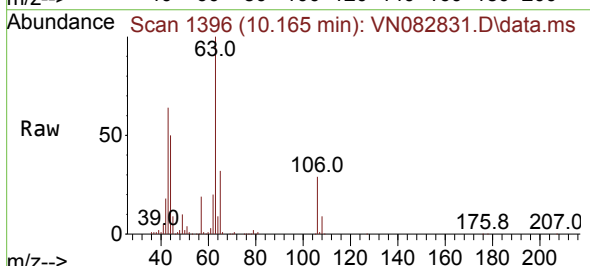
Acq: 08 Jul 2024 19:26

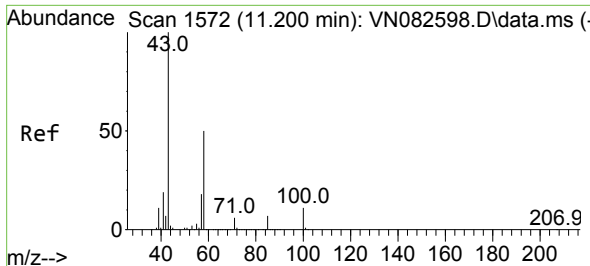
Tgt Ion: 63 Resp: 341062

Ion Ratio Lower Upper

63 100

106 28.9 21.4 32.0

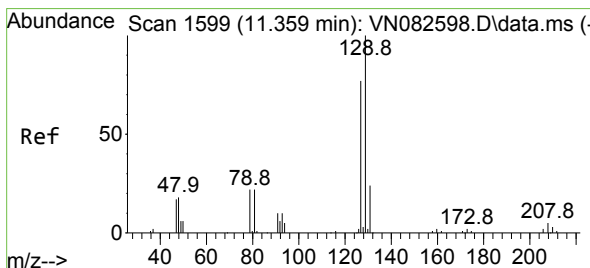
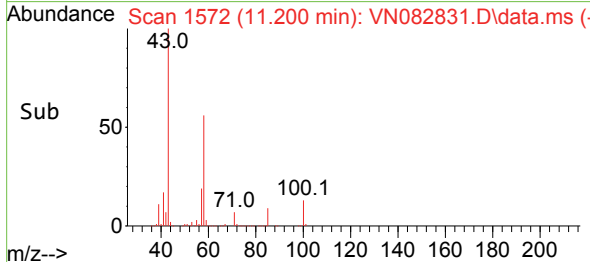
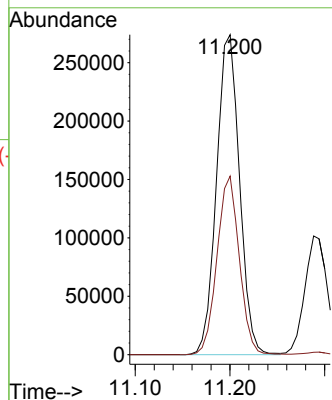
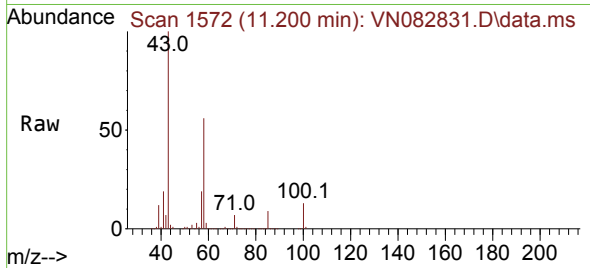




#59
2-Hexanone
Concen: 321.671 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

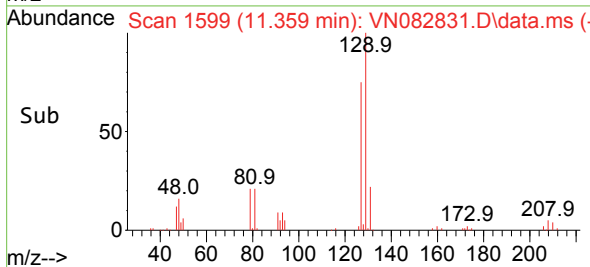
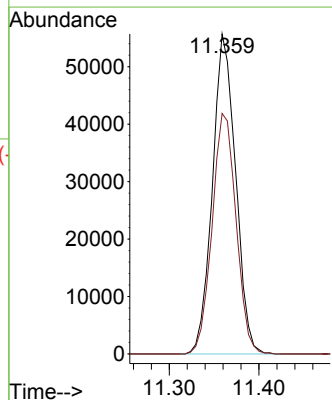
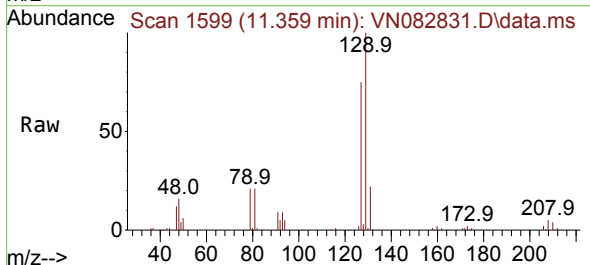
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

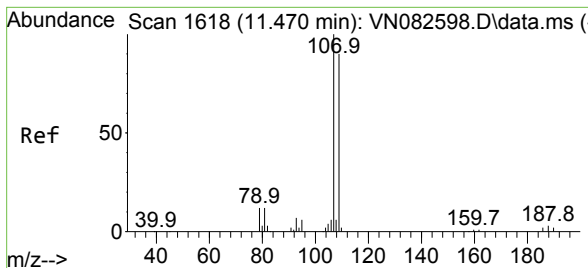
Tgt Ion: 43 Resp: 462431
Ion Ratio Lower Upper
43 100
58 54.1 24.6 73.8



#60
Dibromochloromethane
Concen: 57.921 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 129 Resp: 99859
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

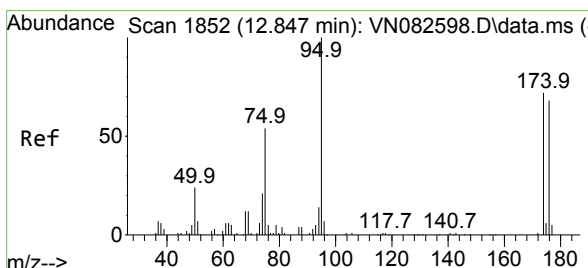
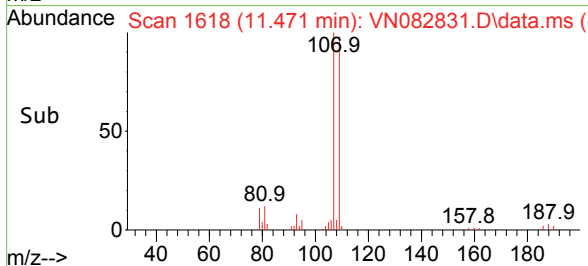
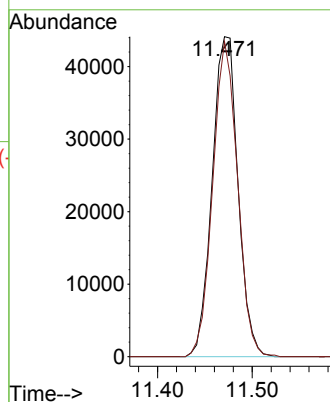
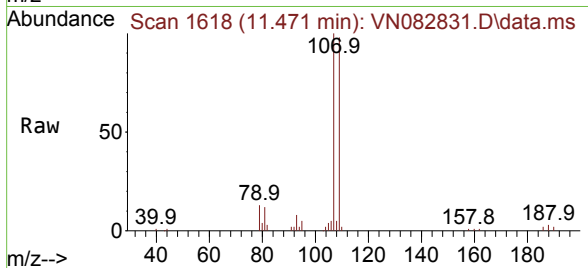




#61
1,2-Dibromoethane
Concen: 58.206 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

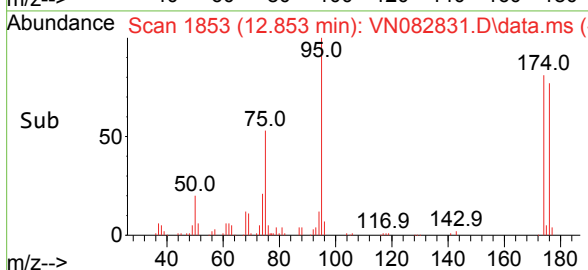
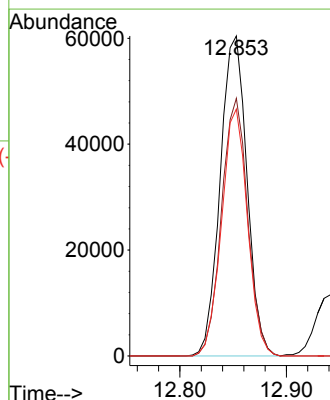
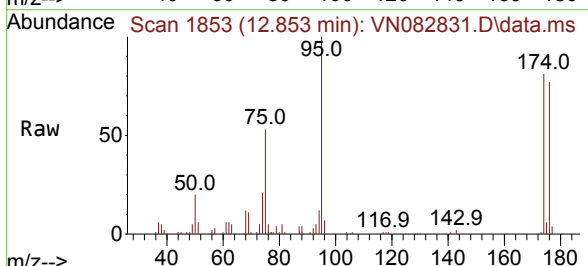
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

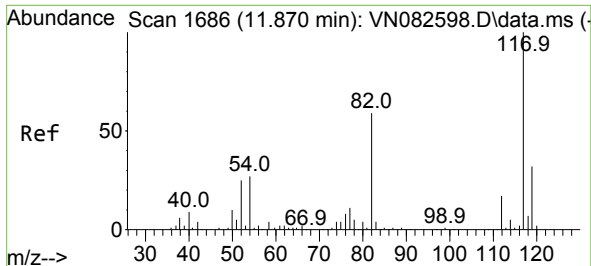
Tgt Ion:107 Resp: 83671
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 57.192 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 95 Resp: 105432
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 74.8 0.0 147.6

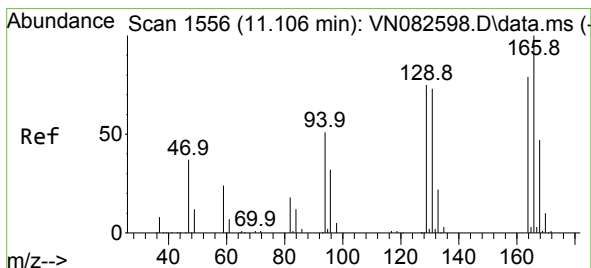
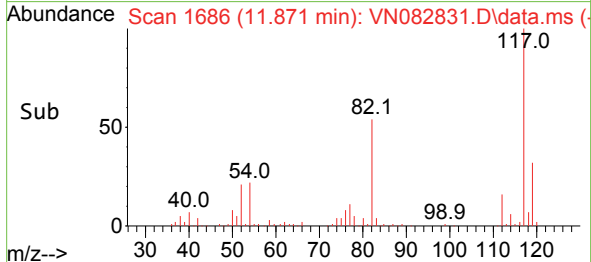
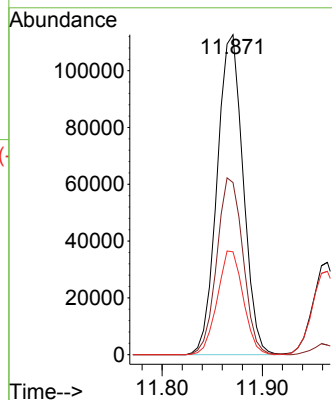
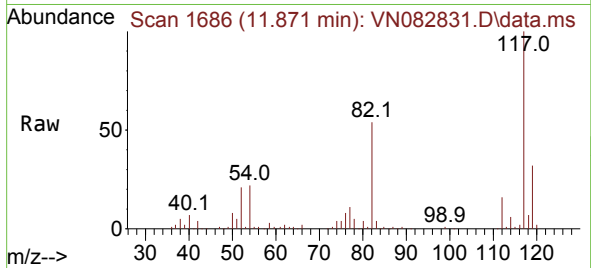




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

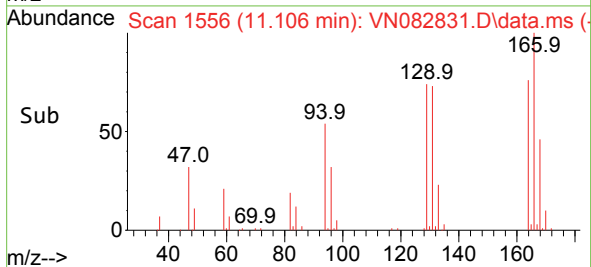
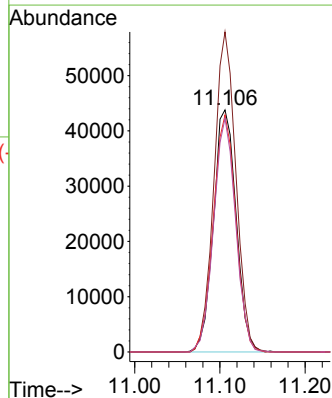
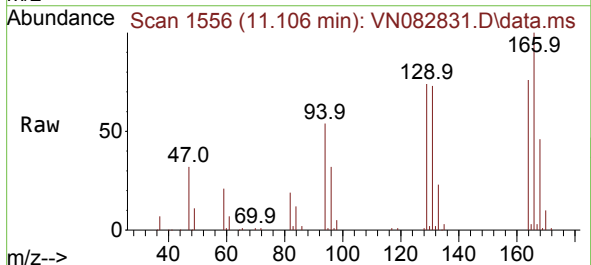
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

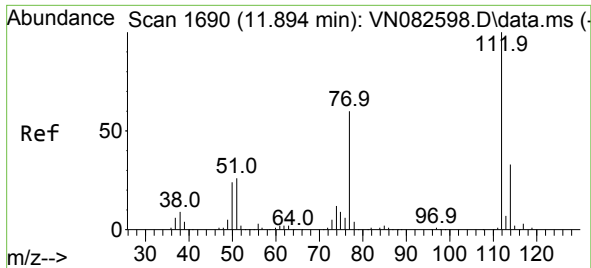
Tgt Ion:117 Resp: 203250
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 53.371 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:164 Resp: 80931
Ion Ratio Lower Upper
164 100
166 132.2 101.4 152.0
129 97.9 75.7 113.5
131 96.5 73.8 110.6

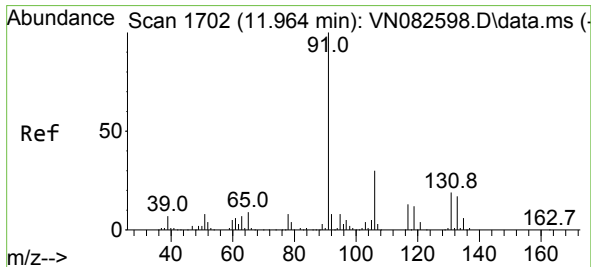
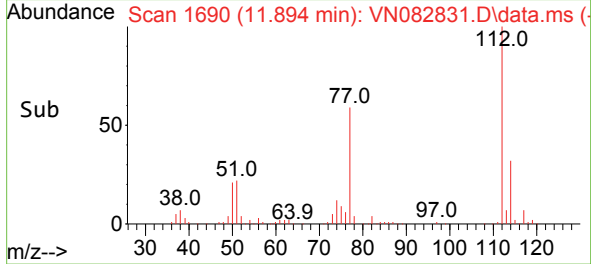
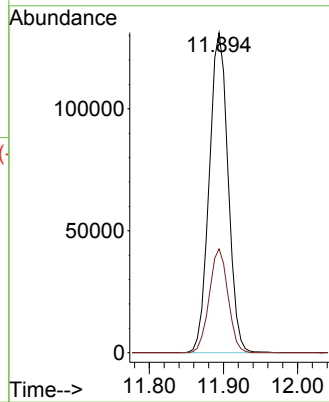
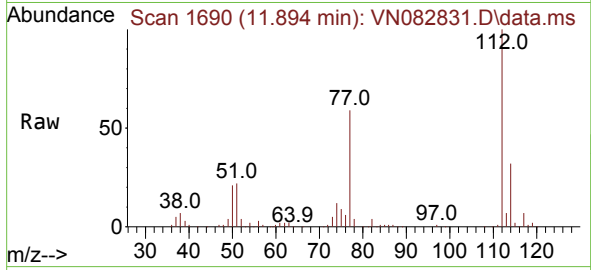




#65
Chlorobenzene
Concen: 53.284 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

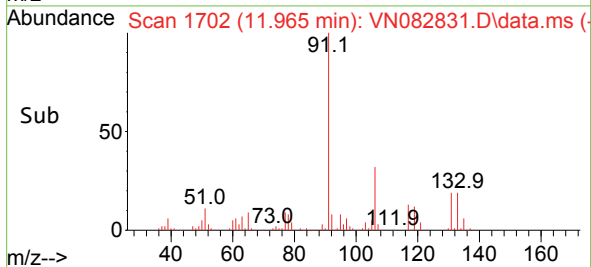
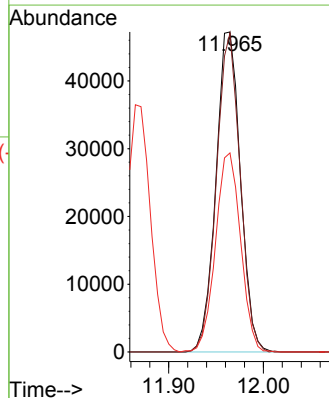
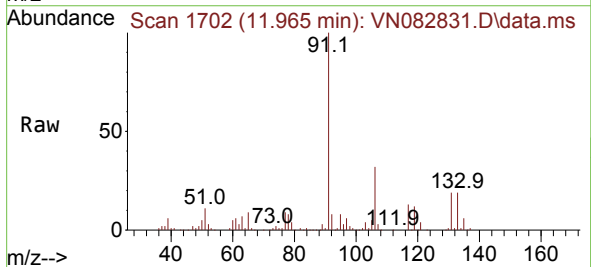
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

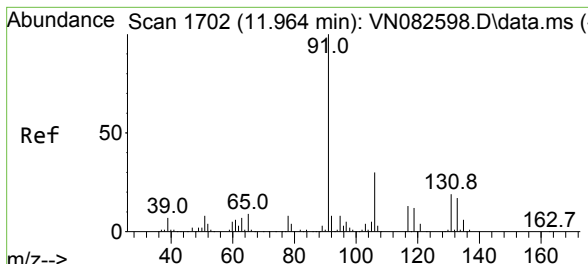
Tgt Ion:112 Resp: 232070
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.989 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:131 Resp: 85188
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 63.6 32.5 97.4

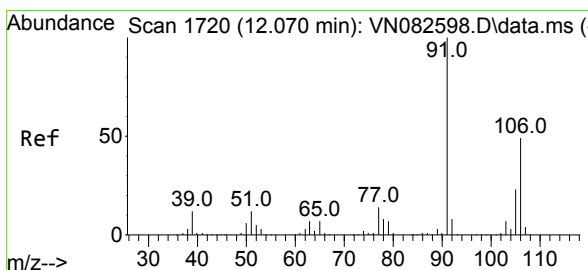
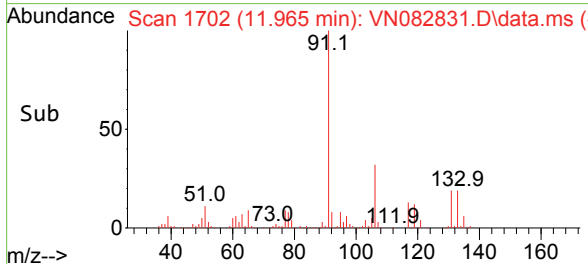
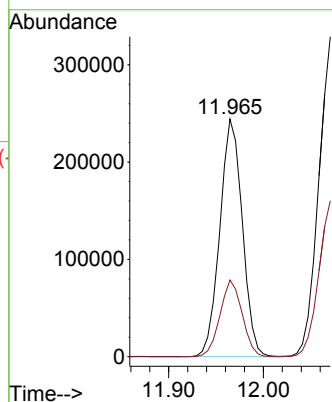
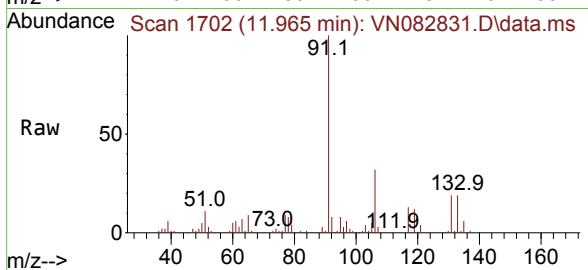




#67
Ethyl Benzene
Concen: 55.054 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

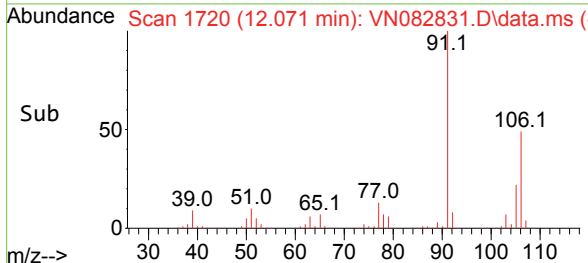
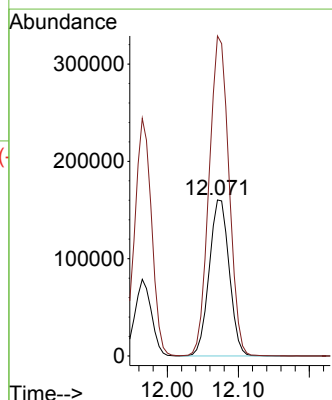
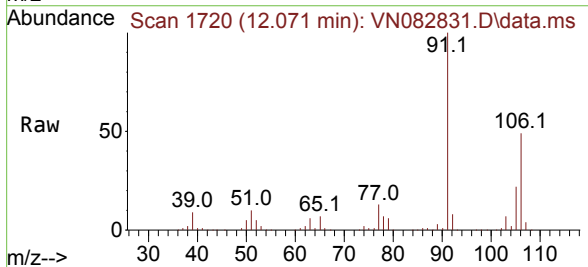
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

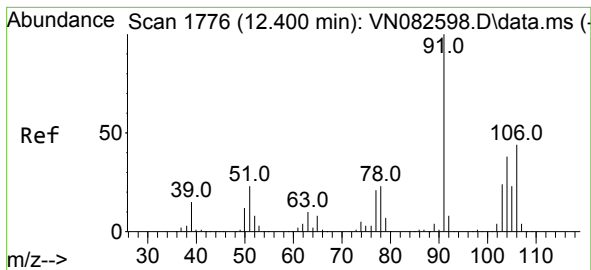
Tgt Ion: 91 Resp: 402998
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0



#68
m/p-Xylenes
Concen: 113.486 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:106 Resp: 313628
Ion Ratio Lower Upper
106 100
91 204.1 166.1 249.1





#69

o-Xylene

Concen: 56.698 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

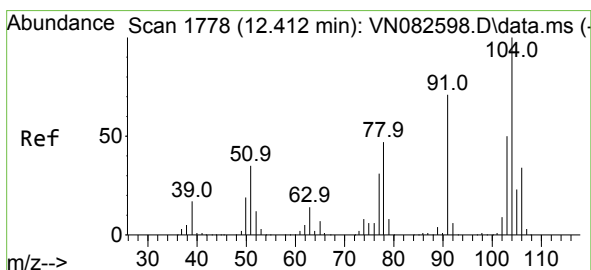
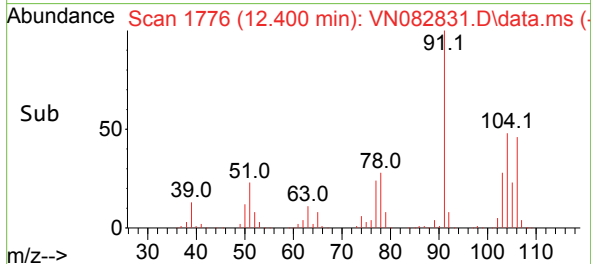
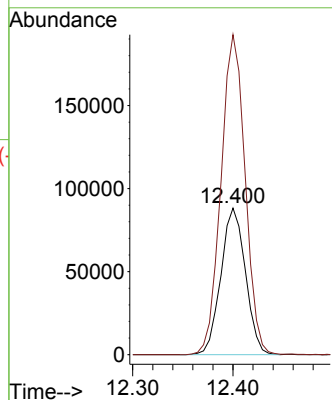
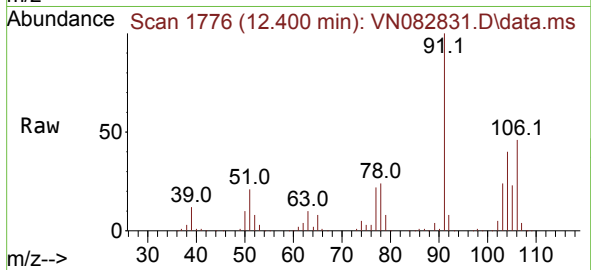
VSTDCCC050EC

Tgt Ion:106 Resp: 150137

Ion Ratio Lower Upper

106 100

91 214.9 111.3 333.9



#70

Styrene

Concen: 59.723 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

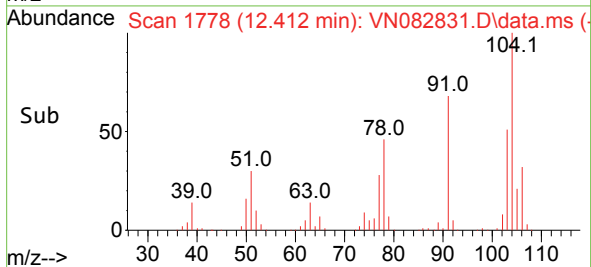
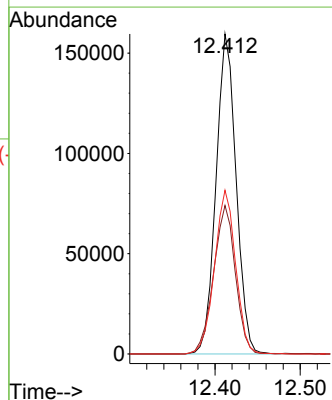
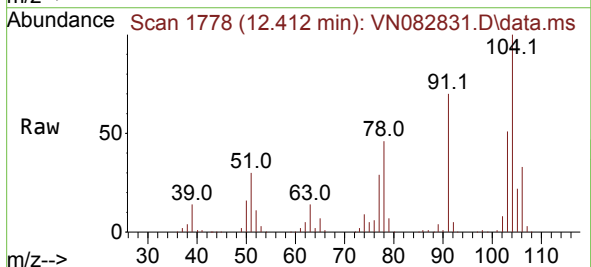
Tgt Ion:104 Resp: 261306

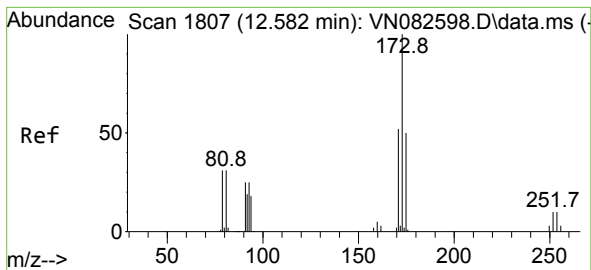
Ion Ratio Lower Upper

104 100

78 50.4 41.6 62.4

103 53.9 44.0 66.0





#71

Bromoform

Concen: 58.170 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

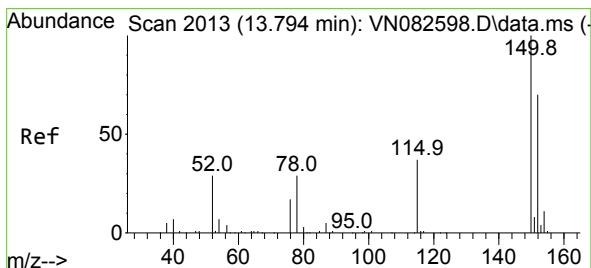
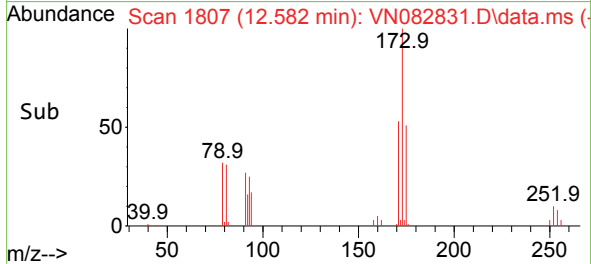
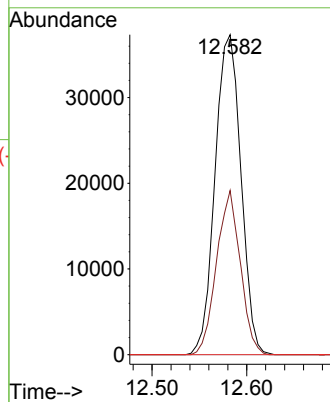
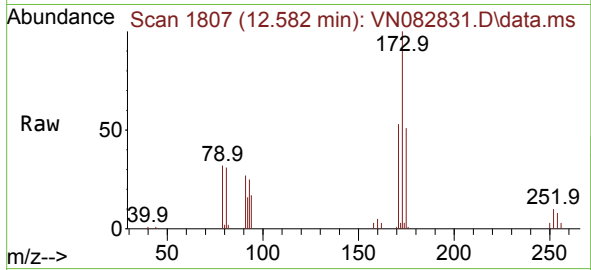
Tgt Ion:173 Resp: 70870

Ion Ratio Lower Upper

173 100

175 47.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

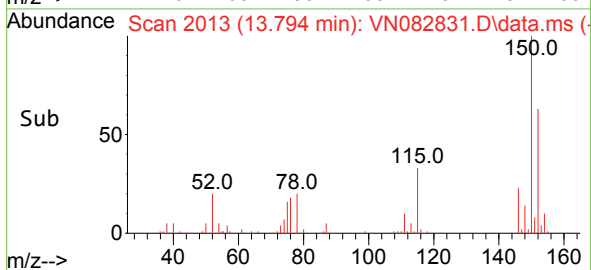
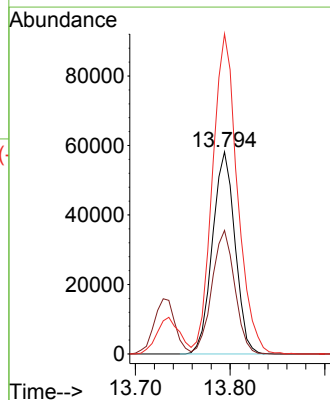
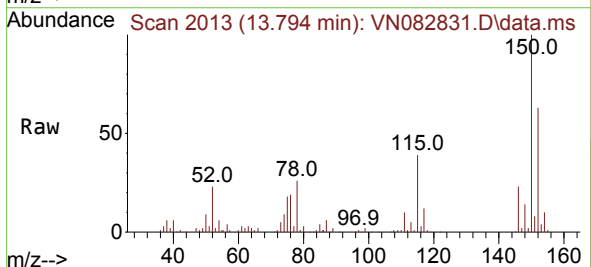
Tgt Ion:152 Resp: 96217

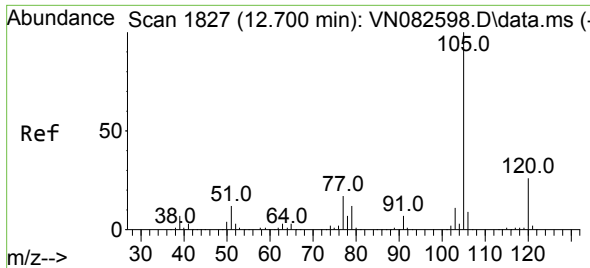
Ion Ratio Lower Upper

152 100

115 61.7 30.6 91.6

150 174.8 0.0 348.6

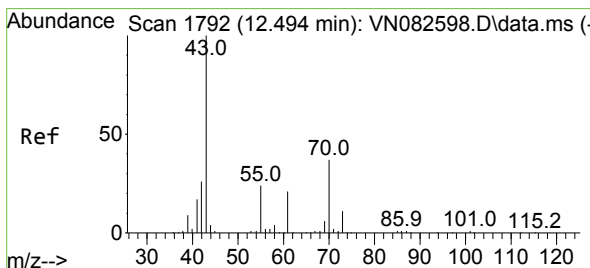
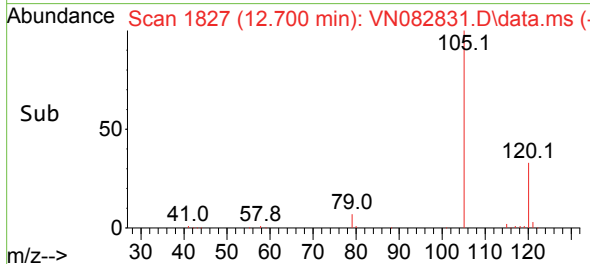
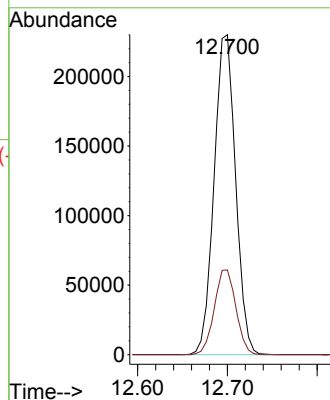
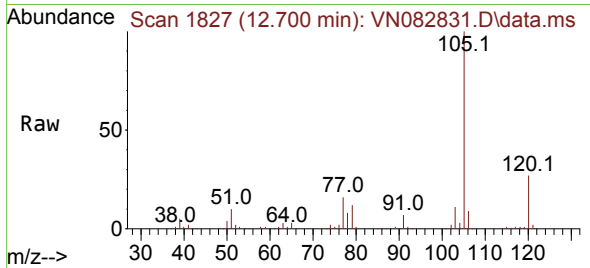




#73
Isopropylbenzene
Concen: 54.706 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

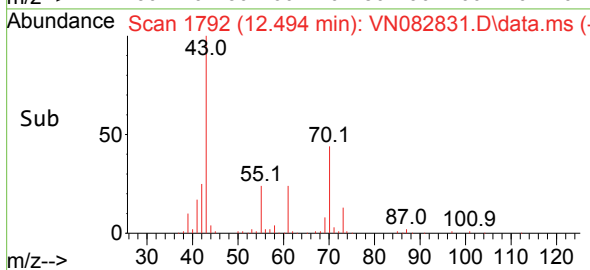
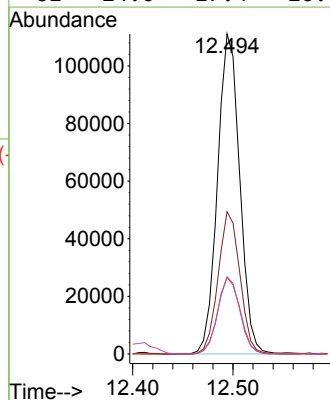
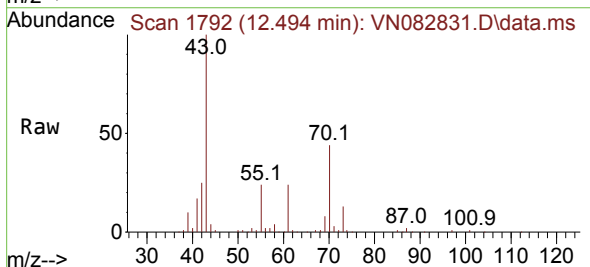
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

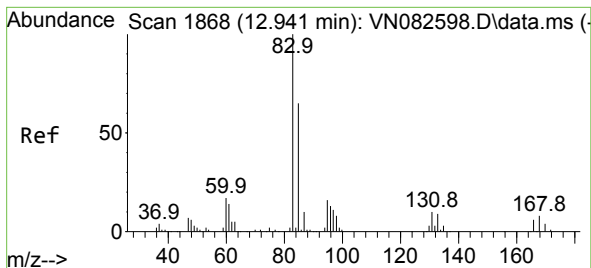
Tgt Ion:105 Resp: 382483
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6



#74
N-ethyl acetate
Concen: 59.010 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 43 Resp: 170655
Ion Ratio Lower Upper
43 100
70 43.6 29.8 44.6
55 24.3 18.7 28.1
61 24.0 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.428 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

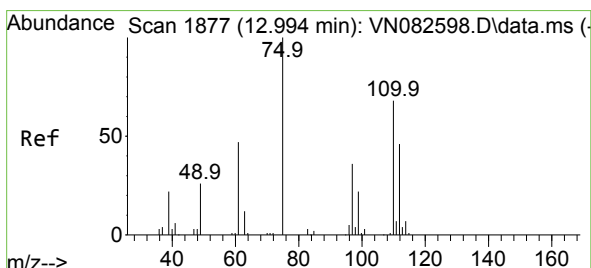
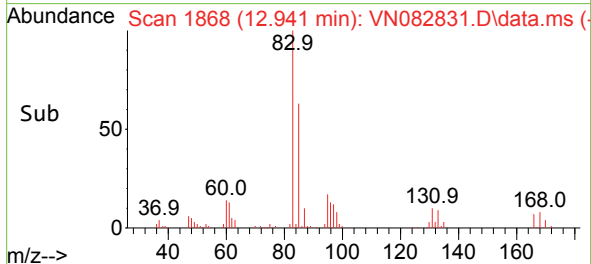
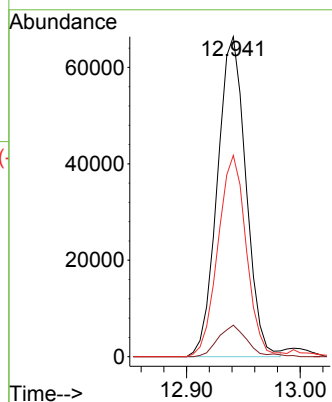
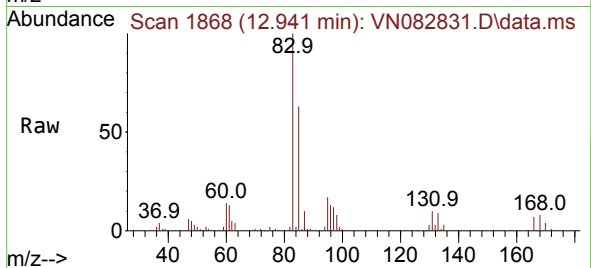
Tgt Ion: 83 Resp: 116060

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 62.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 97.757 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082831.D

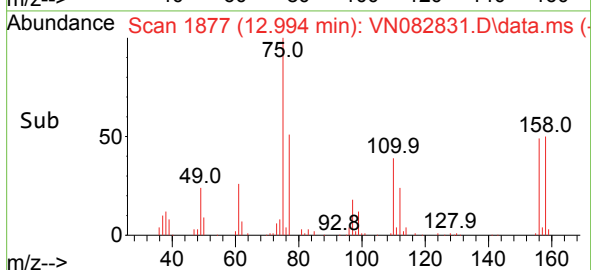
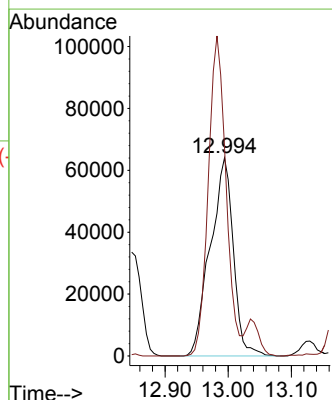
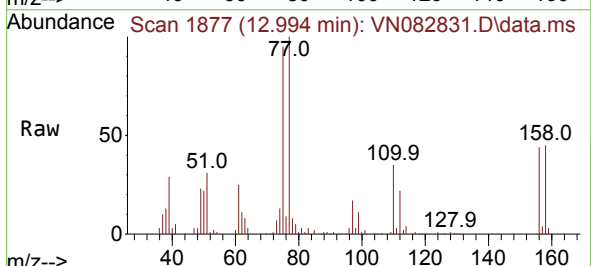
Acq: 08 Jul 2024 19:26

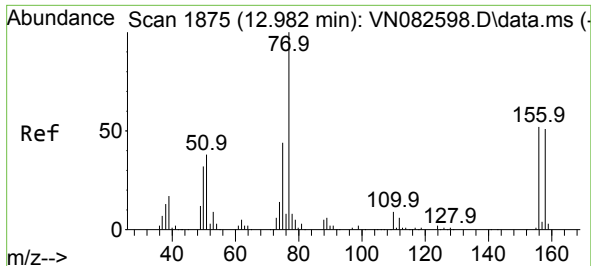
Tgt Ion: 75 Resp: 162163

Ion Ratio Lower Upper

75 100

77 125.4 110.9 332.6

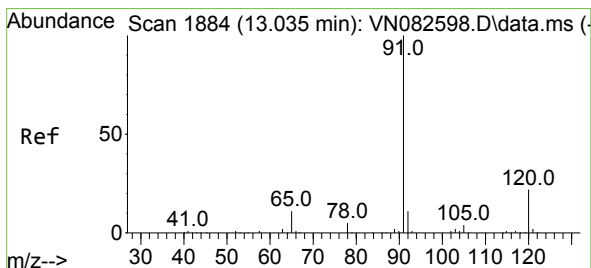
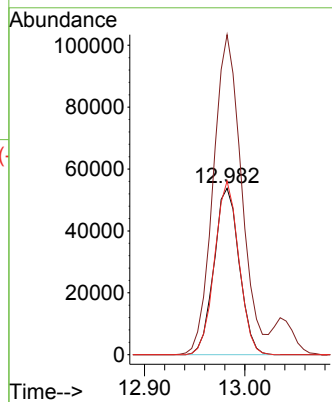
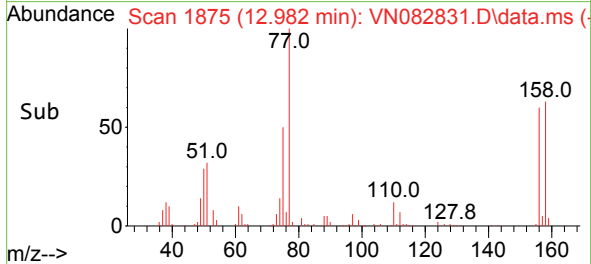
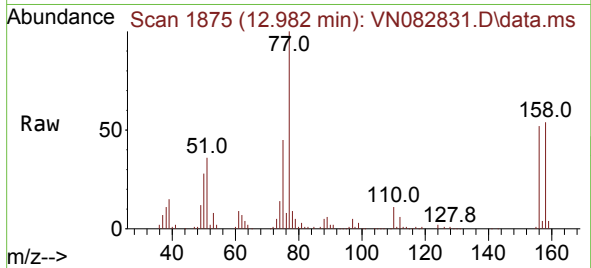




#77
Bromobenzene
Concen: 52.019 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

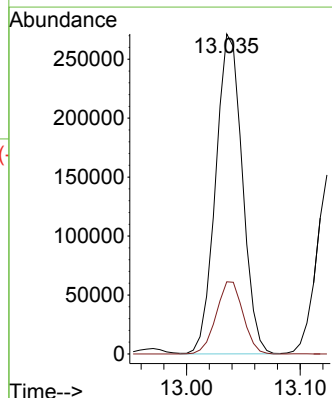
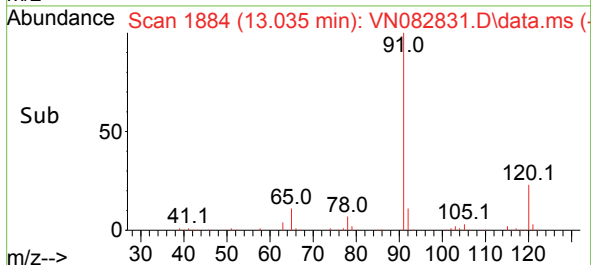
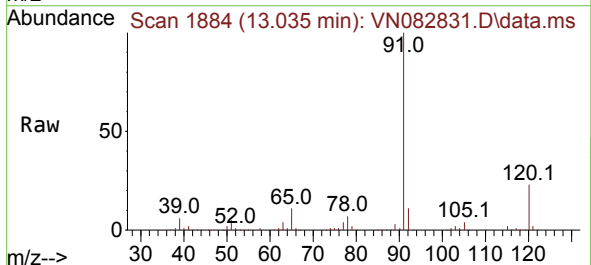
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

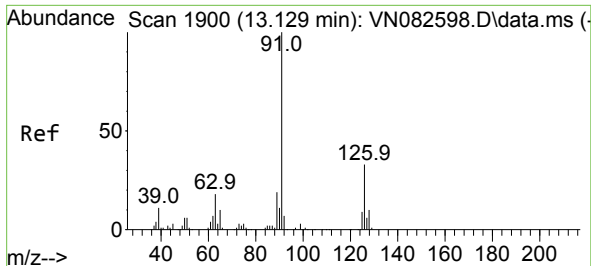
Tgt Ion:156 Resp: 93826
Ion Ratio Lower Upper
156 100
77 216.8 111.3 333.8
158 100.2 48.3 144.9



#78
n-propylbenzene
Concen: 55.129 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 91 Resp: 443163
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9

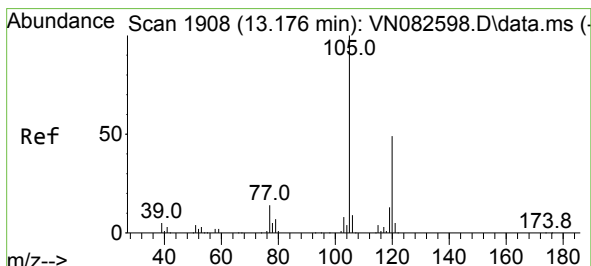
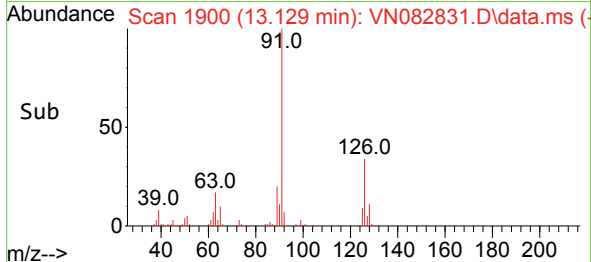
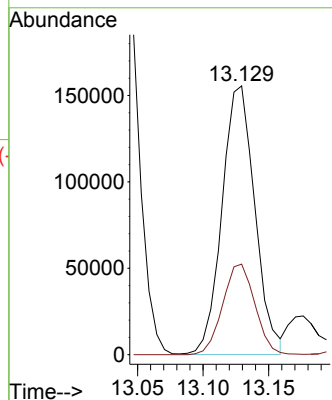
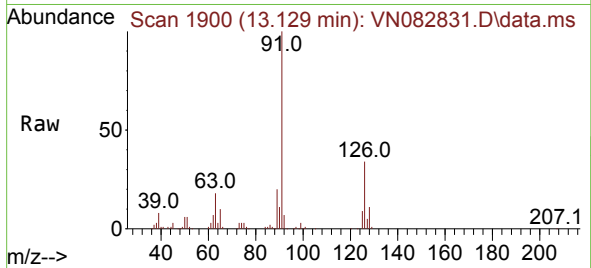




#79
2-Chlorotoluene
Concen: 52.855 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

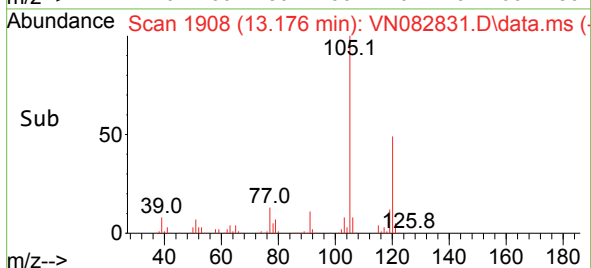
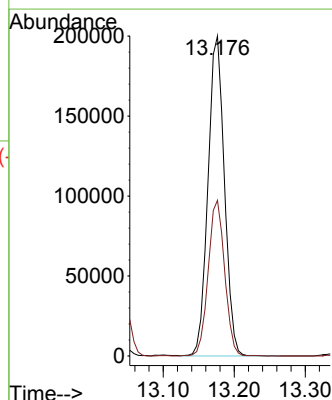
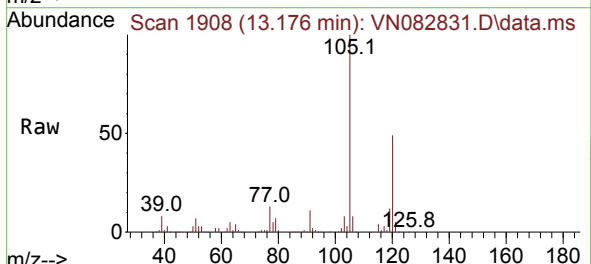
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

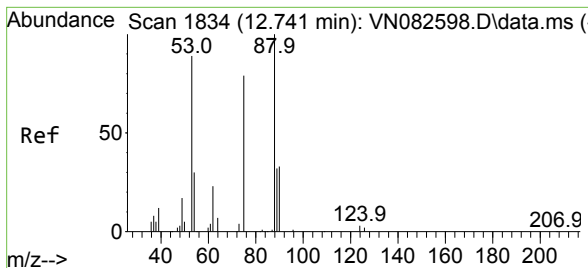
Tgt Ion: 91 Resp: 270717
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 56.909 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 105 Resp: 321620
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

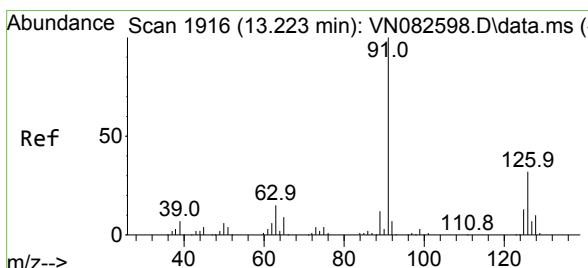
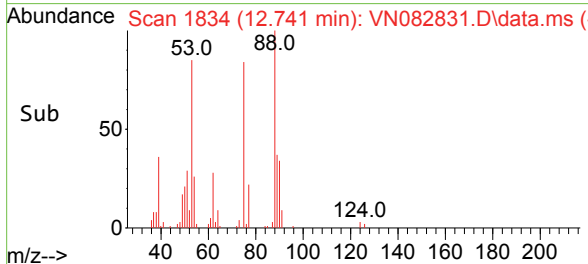
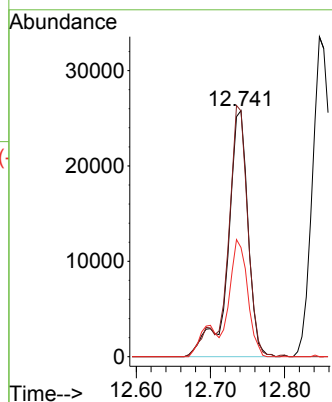
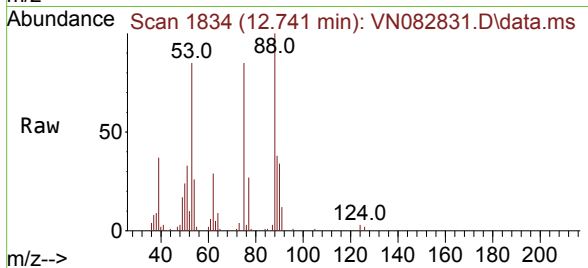




#81
trans-1,4-Dichloro-2-butene
Concen: 57.480 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

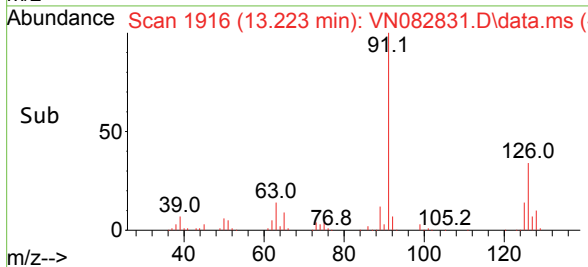
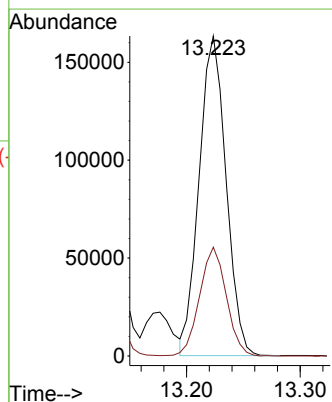
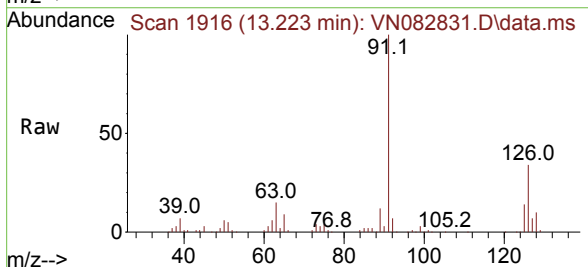
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

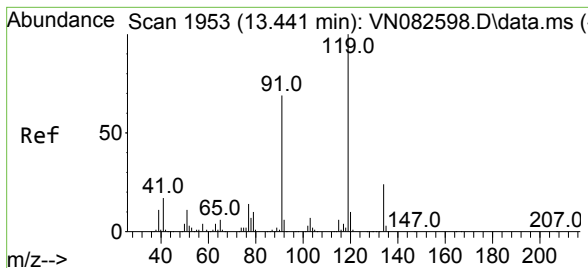
Tgt Ion: 75 Resp: 48482
Ion Ratio Lower Upper
75 100
53 101.9 88.4 132.6
89 42.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 53.038 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion: 91 Resp: 268887
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 54.098 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

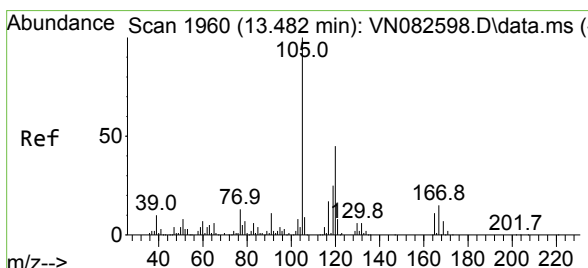
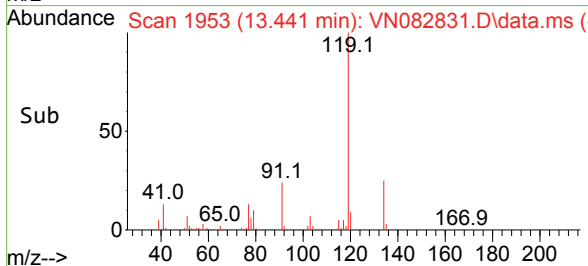
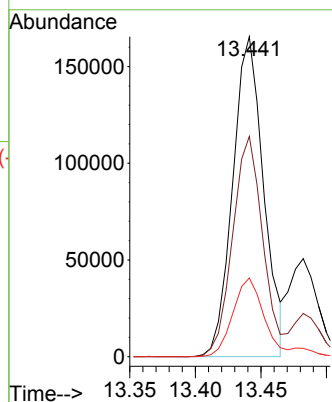
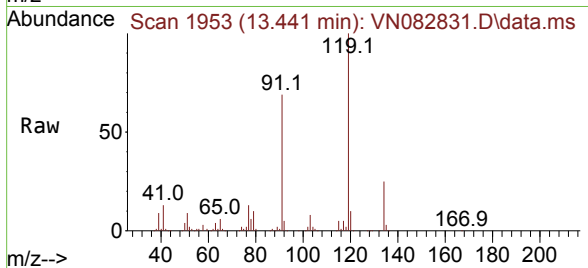
Tgt Ion:119 Resp: 271044

Ion Ratio Lower Upper

119 100

91 68.5 35.0 105.1

134 24.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 55.955 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082831.D

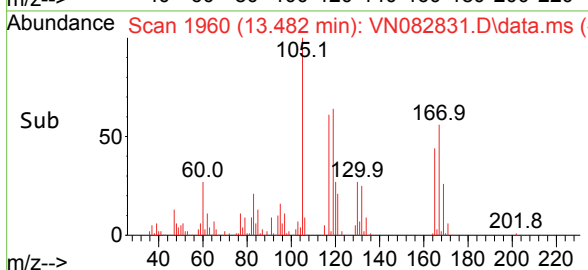
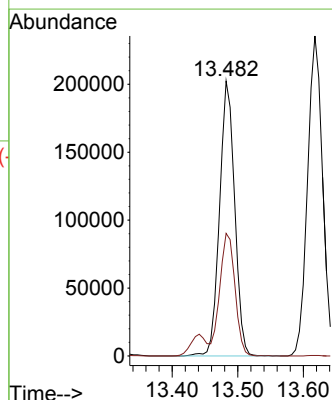
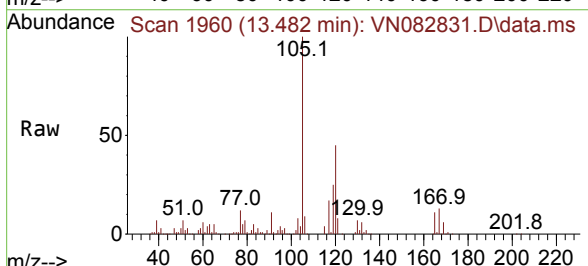
Acq: 08 Jul 2024 19:26

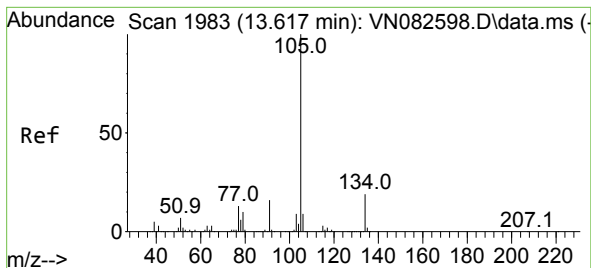
Tgt Ion:105 Resp: 322307

Ion Ratio Lower Upper

105 100

120 44.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 55.196 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

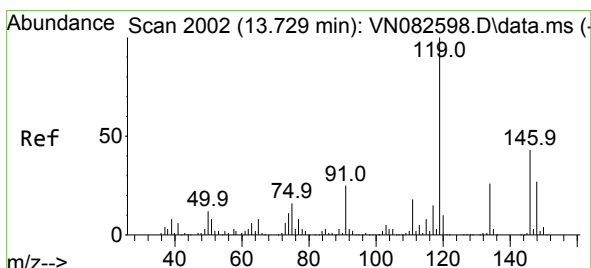
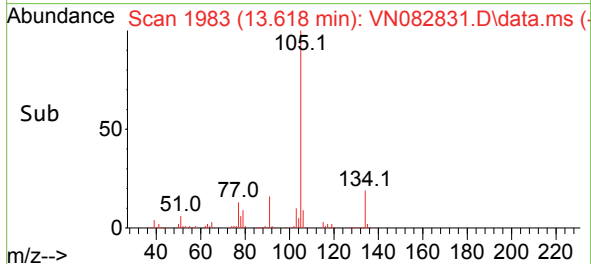
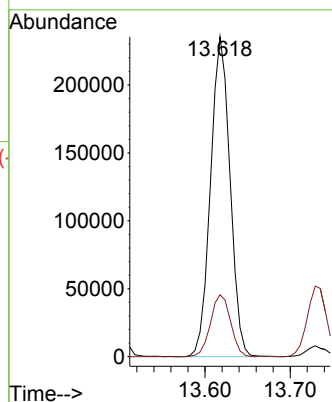
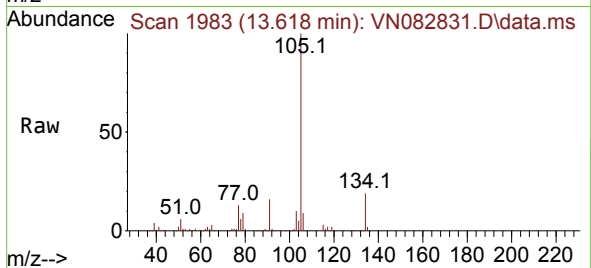
VSTDCCC050EC

Tgt Ion:105 Resp: 373709

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.851 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

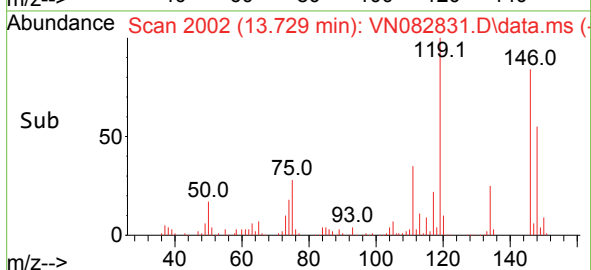
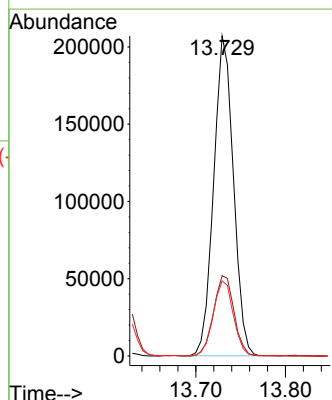
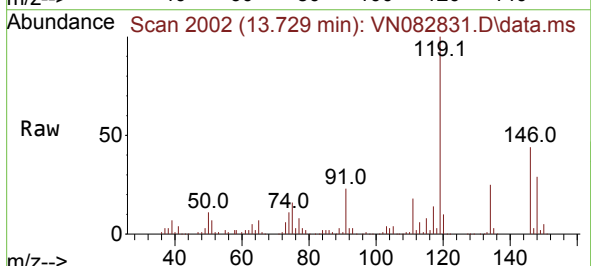
Tgt Ion:119 Resp: 315496

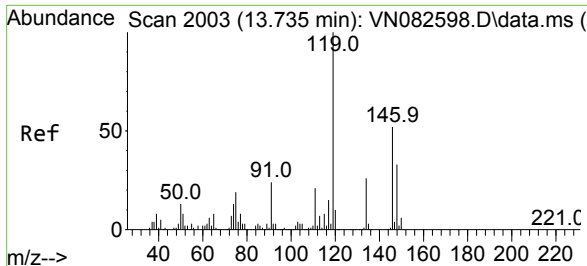
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.2 12.3 36.9

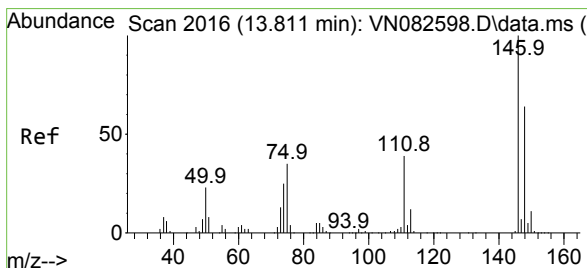
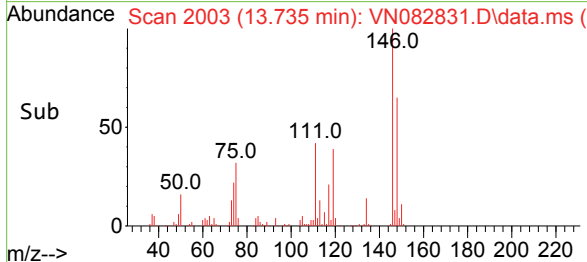
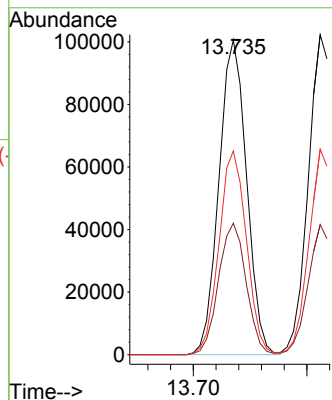
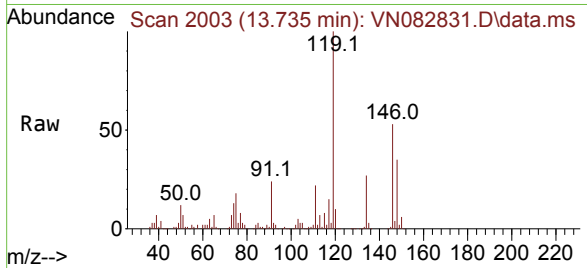




#87
1,3-Dichlorobenzene
Concen: 52.241 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

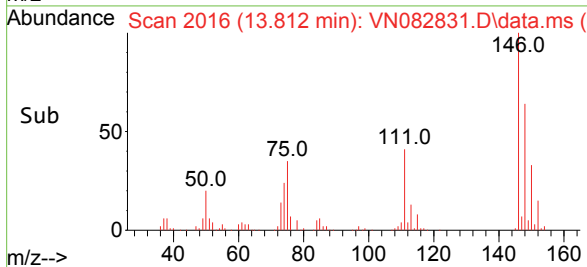
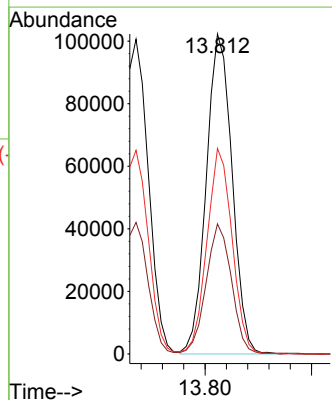
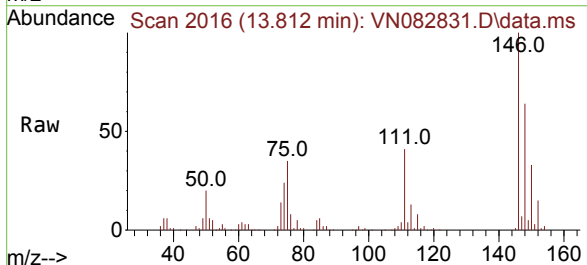
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

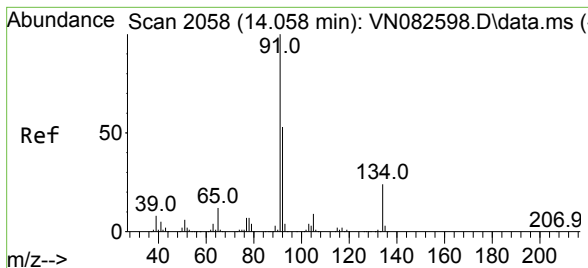
Tgt Ion:146 Resp: 170220
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 64.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.129 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:146 Resp: 172291
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.3
148 62.9 32.2 96.6





#89

n-Butylbenzene

Concen: 53.077 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082831.D

Acq: 08 Jul 2024 19:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

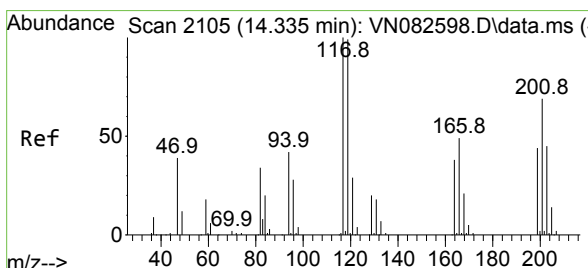
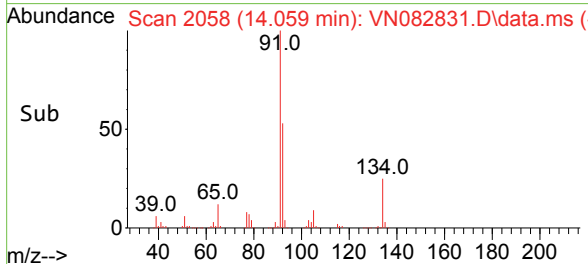
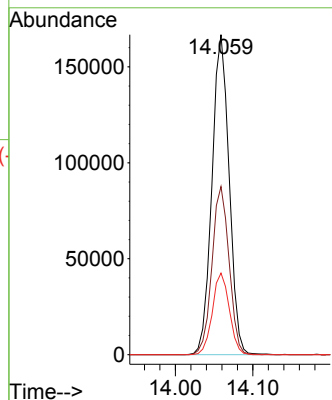
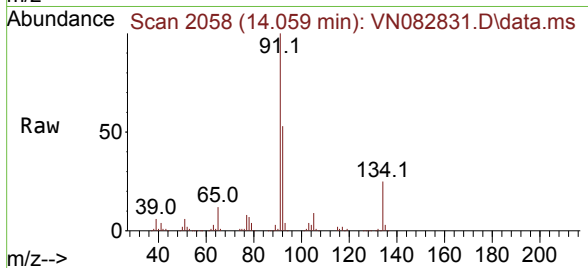
Tgt Ion: 91 Resp: 256865

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 25.2 12.1 36.3



#90

Hexachloroethane

Concen: 52.497 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082831.D

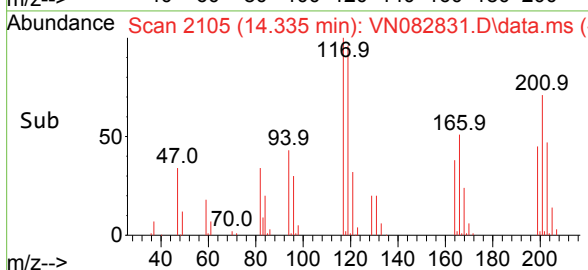
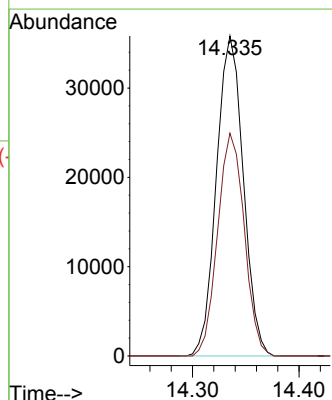
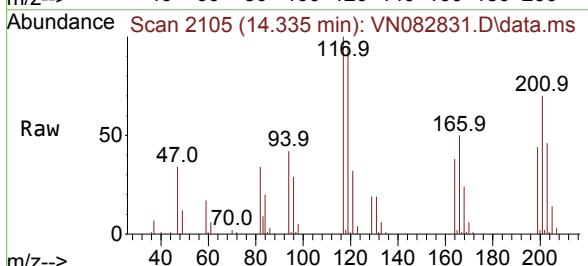
Acq: 08 Jul 2024 19:26

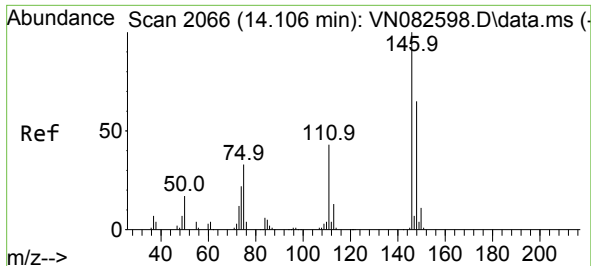
Tgt Ion: 117 Resp: 62748

Ion Ratio Lower Upper

117 100

201 69.0 35.8 107.3

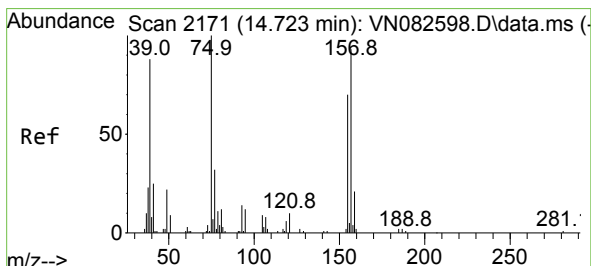
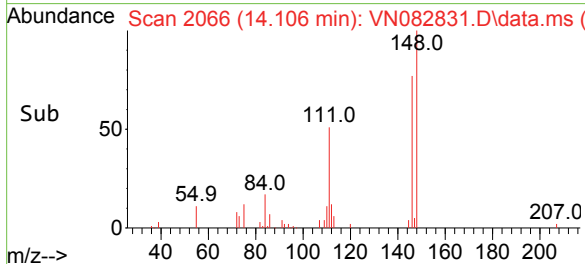
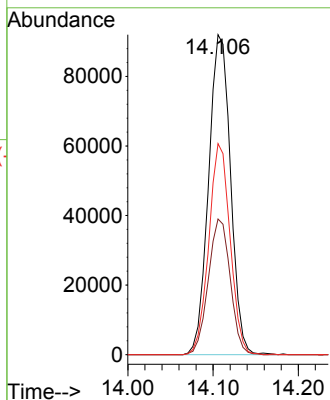
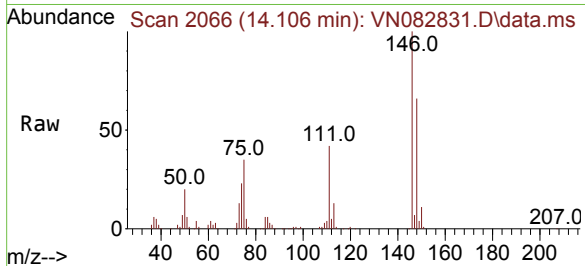




#91
 1,2-Dichlorobenzene
 Concen: 52.154 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

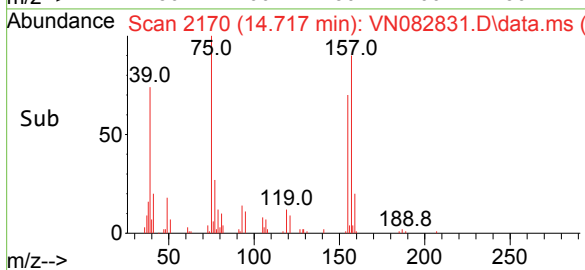
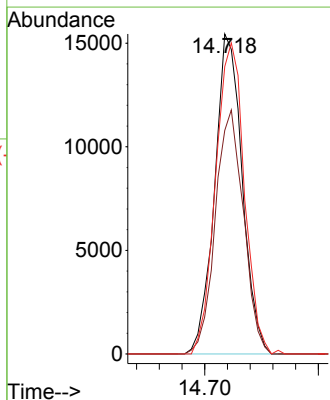
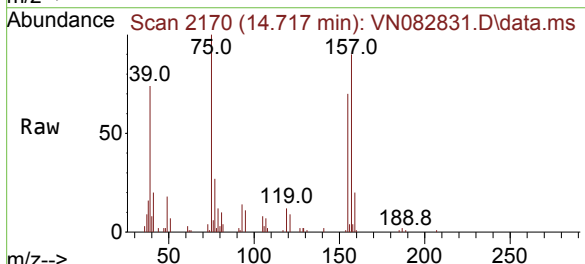
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

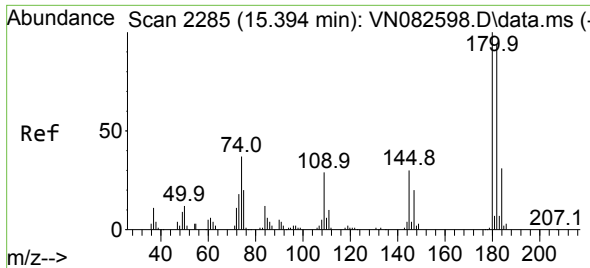
Tgt Ion:146 Resp: 164994
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.2
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.674 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082831.D
 Acq: 08 Jul 2024 19:26

Tgt Ion: 75 Resp: 26001
 Ion Ratio Lower Upper
 75 100
 155 77.9 36.6 109.8
 157 101.5 46.9 140.6

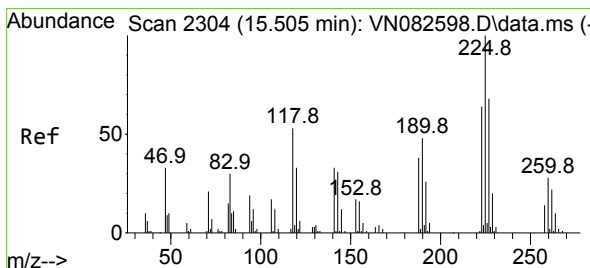
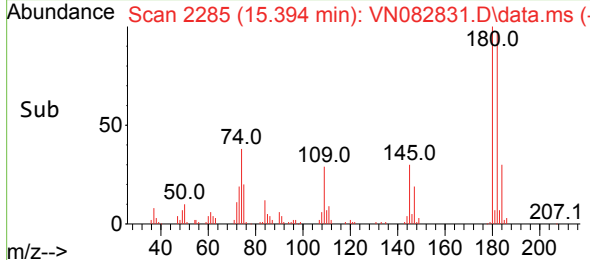
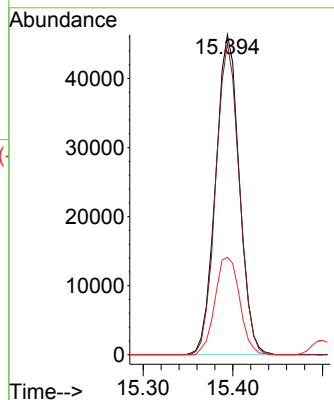
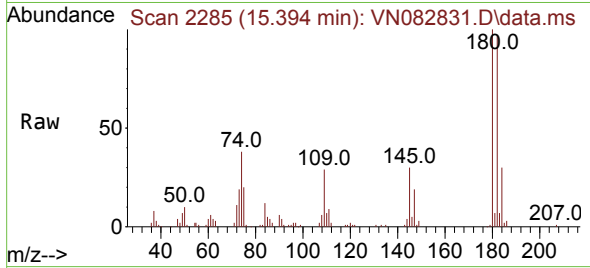




#93
1,2,4-Trichlorobenzene
Concen: 49.873 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

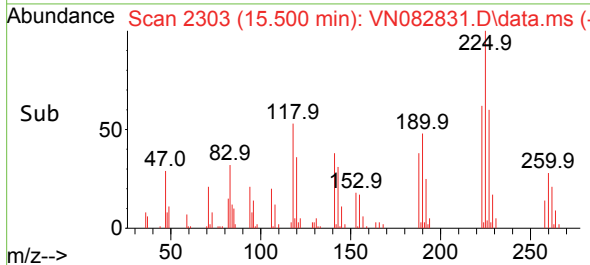
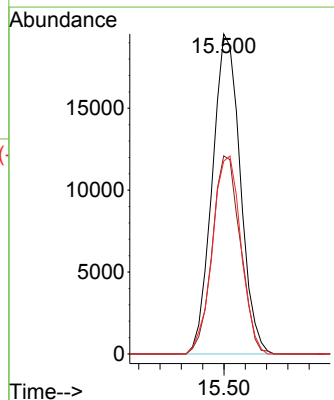
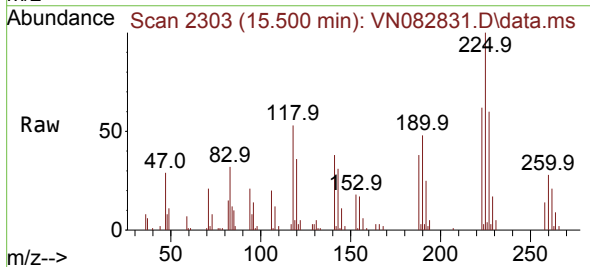
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

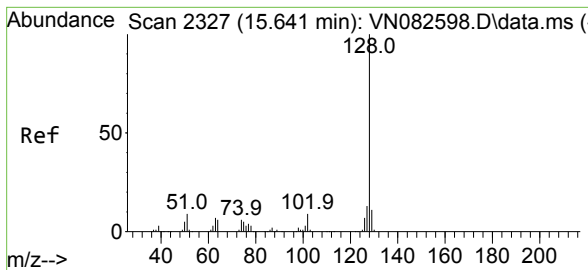
Tgt Ion	180	Resp	84988
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	141.8
145	31.7	15.7	47.1



#94
Hexachlorobutadiene
Concen: 47.211 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion	225	Resp	35665
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.9	95.7
227	62.9	32.5	97.5

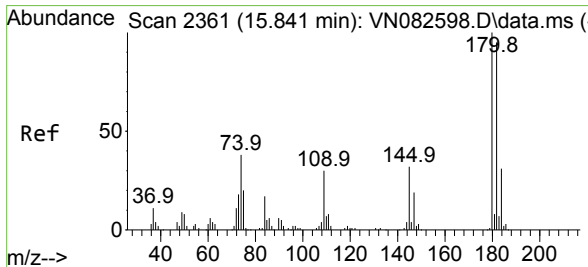
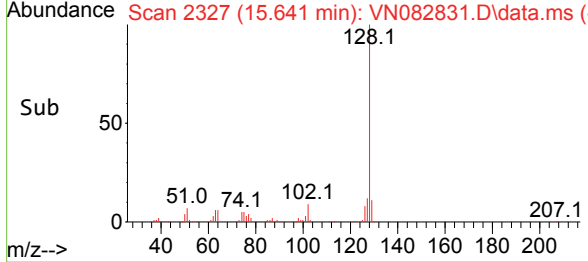
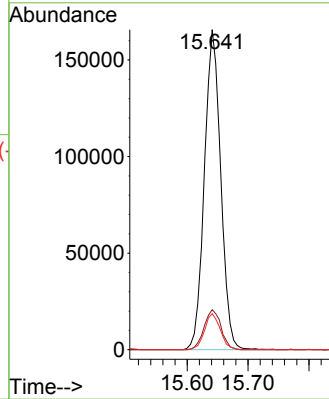
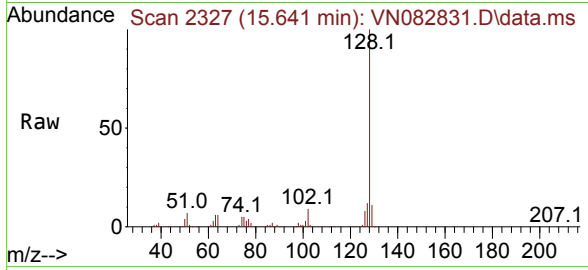




#95
Naphthalene
Concen: 52.954 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	309070
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.761 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082831.D
Acq: 08 Jul 2024 19:26

Tgt Ion:	180	Resp:	88941
Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.9	146.8
145	34.3	16.8	50.4

