

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082602.D
 Acq On : 17 Jun 2024 11:41
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 18 18:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	3279	1.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.500%#
35) Dibromofluoromethane	8.165	113	2173	1.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.240%#
50) Toluene-d8	10.565	98	7682	1.051	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.100%#
62) 4-Bromofluorobenzene	12.853	95	2474	0.982	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	1.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2280	0.997	ug/l	82
3) Chloromethane	2.365	50	3379	1.232	ug/l	99
4) Vinyl Chloride	2.512	62	2916	1.117	ug/l	99
5) Bromomethane	2.965	94	2702	1.608	ug/l	92
6) Chloroethane	3.124	64	2395	1.287	ug/l #	86
7) Trichlorofluoromethane	3.501	101	3717	1.092	ug/l #	66
8) Diethyl Ether	3.965	74	1093	0.943	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	1929	1.012	ug/l	95
10) Methyl Iodide	4.589	142	1851	1.019	ug/l #	86
11) Tert butyl alcohol	5.524	59	2237	5.204	ug/l #	77
12) 1,1-Dichloroethene	4.342	96	2128	1.167	ug/l #	80
13) Acrolein	4.177	56	2373	5.419	ug/l	86
14) Allyl chloride	5.036	41	3361	0.942	ug/l #	23
15) Acrylonitrile	5.724	53	6328	5.577	ug/l #	78
16) Acetone	4.436	43	7103	5.946	ug/l	90
17) Carbon Disulfide	4.712	76	7186	1.241	ug/l	98
18) Methyl Acetate	5.030	43	3348	1.146	ug/l #	64
19) Methyl tert-butyl Ether	5.806	73	5696	0.912	ug/l	91
20) Methylene Chloride	5.265	84	916	0.436	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	1963	1.013	ug/l	83
22) Diisopropyl ether	6.683	45	7057	0.943	ug/l #	83
23) Vinyl Acetate	6.606	43	25989	4.382	ug/l	96
24) 1,1-Dichloroethane	6.571	63	4379	1.081	ug/l #	83
25) 2-Butanone	7.500	43	8482	4.996	ug/l	97
26) 2,2-Dichloropropane	7.483	77	3512	0.999	ug/l #	68
27) cis-1,2-Dichloroethene	7.500	96	2499	1.070	ug/l	99
28) Bromochloromethane	7.818	49	1976	1.069	ug/l #	80
29) Tetrahydrofuran	7.847	42	4836	4.653	ug/l	95
30) Chloroform	7.971	83	4152	1.050	ug/l	98
31) Cyclohexane	8.230	56	7631	2.013	ug/l #	32
32) 1,1,1-Trichloroethane	8.171	97	3883	1.083	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2665	0.922	ug/l	95
37) Ethyl Acetate	7.577	43	4011	1.090	ug/l #	79
38) Carbon Tetrachloride	8.365	117	3312	1.017	ug/l #	92
39) Methylcyclohexane	9.600	83	2683	0.882	ug/l	91
40) Benzene	8.612	78	8751	0.980	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	1789	0.951	ug/l #	94
42) 1,2-Dichloroethane	8.671	62	3304	0.973	ug/l	83
43) Isopropyl Acetate	8.688	43	11662	1.695	ug/l #	80
44) Trichloroethene	9.359	130	2165	1.044	ug/l	71
45) 1,2-Dichloropropane	9.624	63	2336	1.016	ug/l #	79
46) Dibromomethane	9.706	93	1543	0.990	ug/l	96
47) Bromodichloromethane	9.894	83	3229	0.972	ug/l #	94
48) Methyl methacrylate	9.683	41	2821	0.995	ug/l	89
49) 1,4-Dioxane	9.706	88	754	16.997	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	15757	4.465	ug/l	96
52) Toluene	10.635	92	5034	0.930	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	3035	0.894	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	3017	0.859	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	1654	0.844	ug/l #	73
56) Ethyl methacrylate	10.871	69	2672	0.824	ug/l	89
57) 1,3-Dichloropropane	11.165	76	3549	0.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	7435	4.332	ug/l	92
59) 2-Hexanone	11.200	43	11451	4.270	ug/l	94
60) Dibromochloromethane	11.359	129	2170	0.908	ug/l	93
61) 1,2-Dibromoethane	11.471	107	2017	0.977	ug/l	97
64) Tetrachloroethene	11.112	164	2411	1.201	ug/l #	73
65) Chlorobenzene	11.894	112	5565	0.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1998	1.003	ug/l #	65
67) Ethyl Benzene	11.965	91	8421	0.885	ug/l	94
68) m/p-Xylenes	12.071	106	5844	1.651	ug/l	98
69) o-Xylene	12.400	106	2760	0.830	ug/l	99
70) Styrene	12.418	104	4367	0.774	ug/l	93
71) Bromoform	12.571	173	1534	0.974	ug/l #	91
73) Isopropylbenzene	12.700	105	6921	0.937	ug/l	99
74) N-amyl acetate	12.494	43	3870	0.982	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	2738	1.136	ug/l #	92
76) 1,2,3-Trichloropropane	13.000	75	3724	1.565	ug/l #	1
77) Bromobenzene	12.976	156	2127	1.119	ug/l	94
78) n-propylbenzene	13.035	91	7871	0.901	ug/l	97
79) 2-Chlorotoluene	13.123	91	5402	0.986	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4894	0.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	734	0.738	ug/l #	76
82) 4-Chlorotoluene	13.223	91	5082	0.928	ug/l	99
83) tert-Butylbenzene	13.441	119	4647	0.910	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	4834	0.804	ug/l	93
85) sec-Butylbenzene	13.618	105	6483	0.894	ug/l	95
86) p-Isopropyltoluene	13.729	119	4649	0.796	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	3491	1.013	ug/l	94
88) 1,4-Dichlorobenzene	13.735	146	3491	0.969	ug/l	95
89) n-Butylbenzene	14.059	91	4594	0.887	ug/l	98
90) Hexachloroethane	14.341	117	1330	1.047	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	3586	1.065	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	479	0.939	ug/l	85
93) 1,2,4-Trichlorobenzene	15.406	180	1853	1.044	ug/l	95
94) Hexachlorobutadiene	15.506	225	1165	1.331	ug/l	77
95) Naphthalene	15.641	128	5017	0.919	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2020	1.117	ug/l	88

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QLast Update : Tue Jun 18 04:52:44 2024
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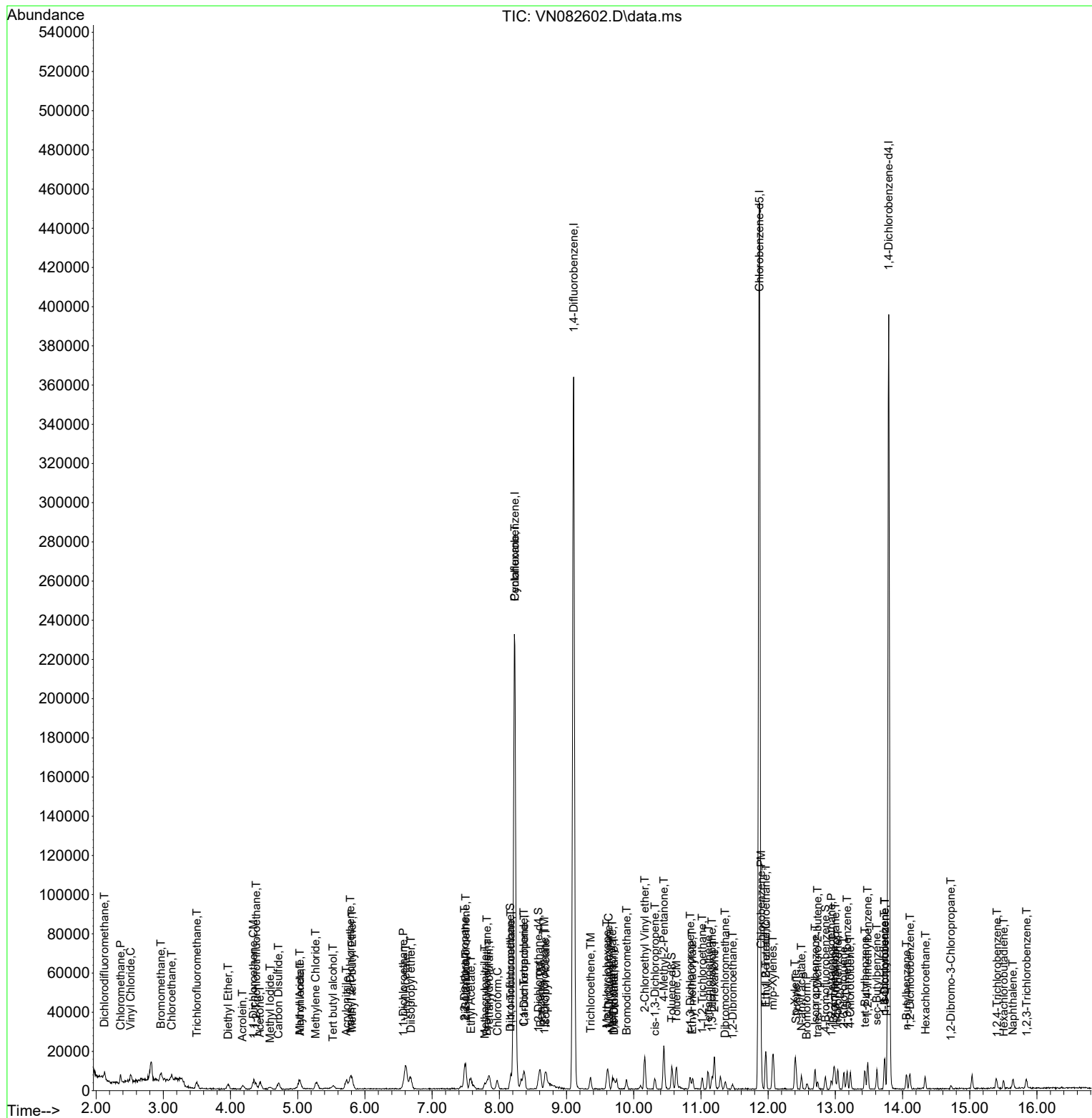
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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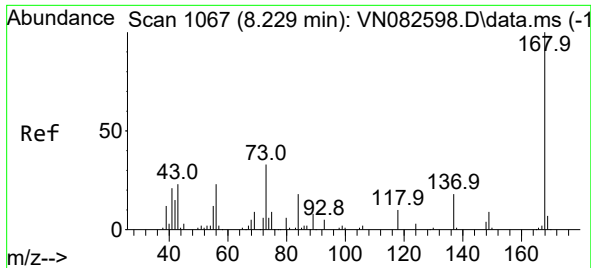
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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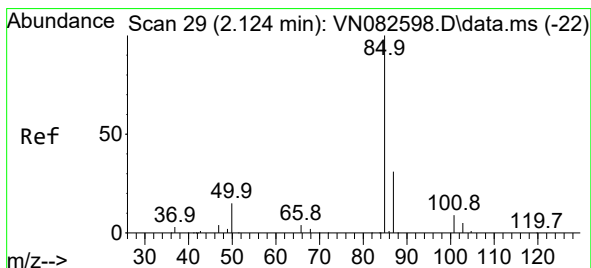
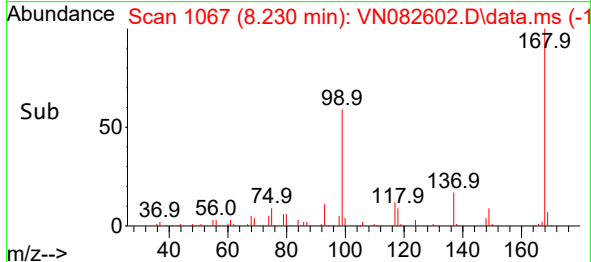
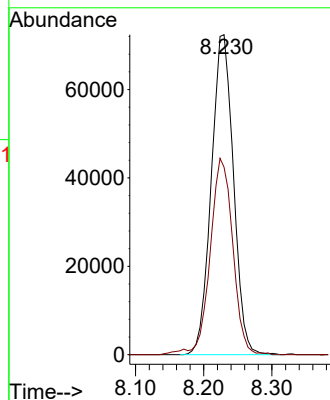
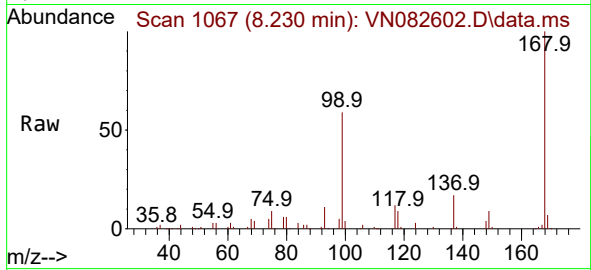




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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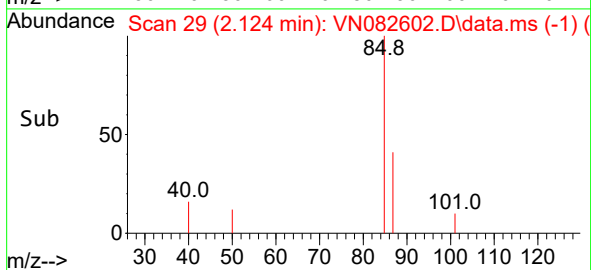
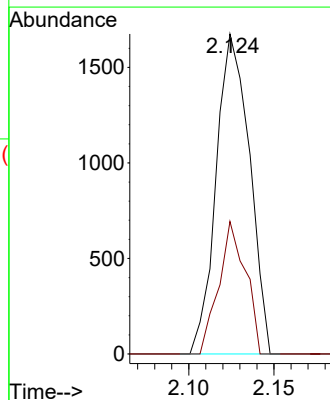
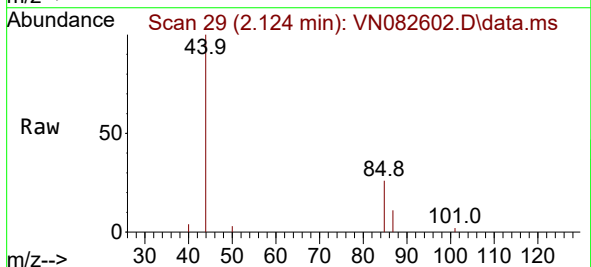
Instrument :
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VSTDIC001

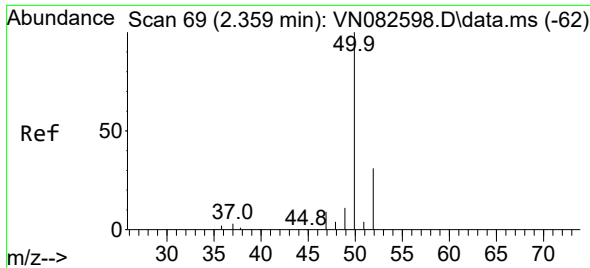
Tgt Ion:168 Resp: 163791
Ion Ratio Lower Upper
168 100
99 58.6 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.997 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 85 Resp: 2280
Ion Ratio Lower Upper
85 100
87 41.4 15.7 47.0

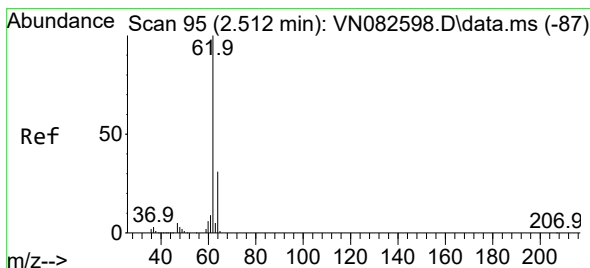
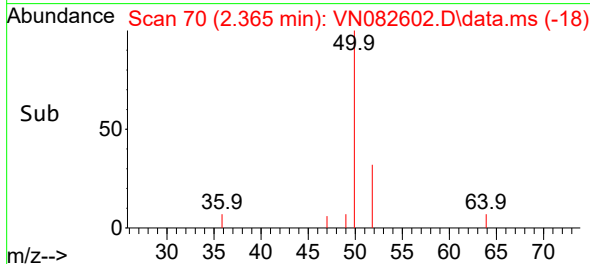
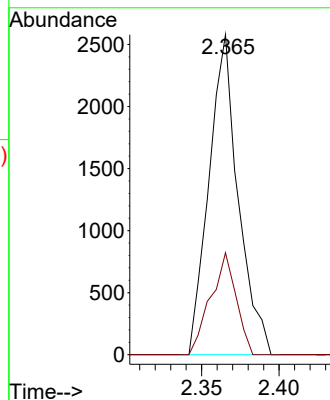
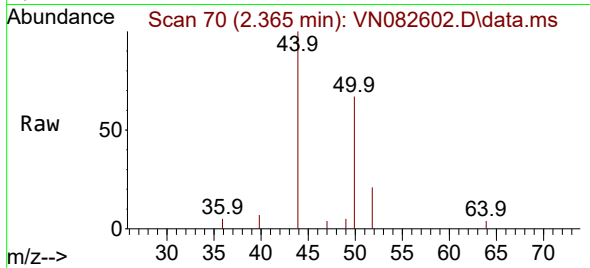




#3
Chloromethane
Concen: 1.232 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

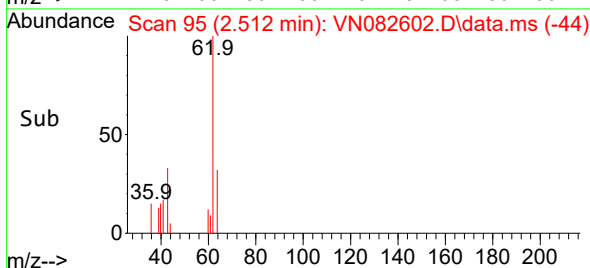
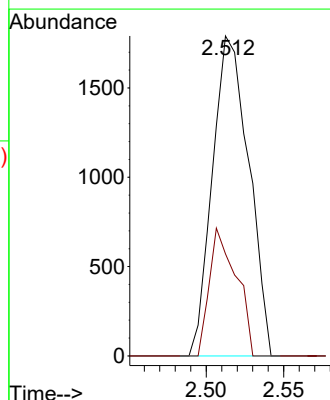
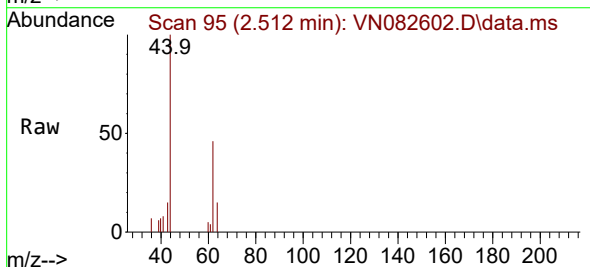
Instrument :
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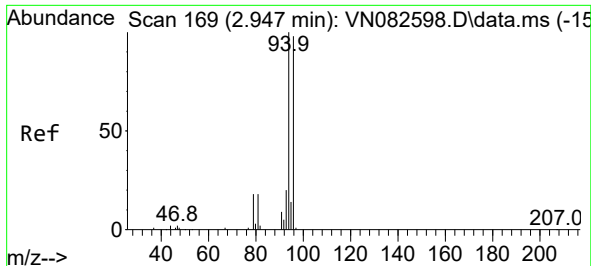
Tgt Ion: 50 Resp: 3379
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 1.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 62 Resp: 2916
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

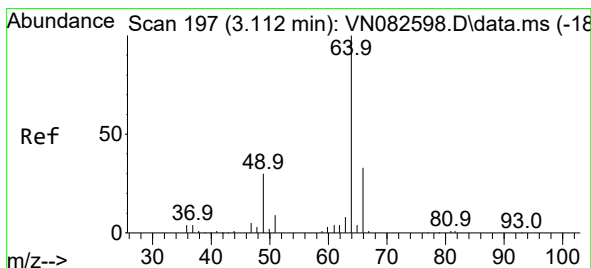
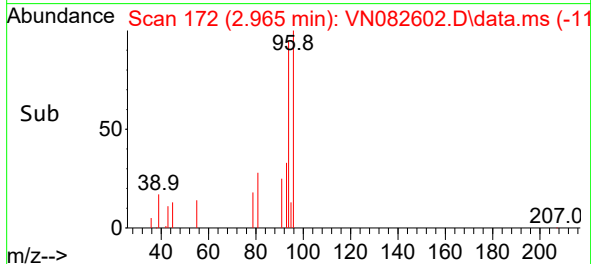
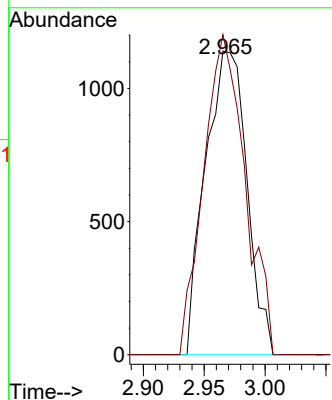
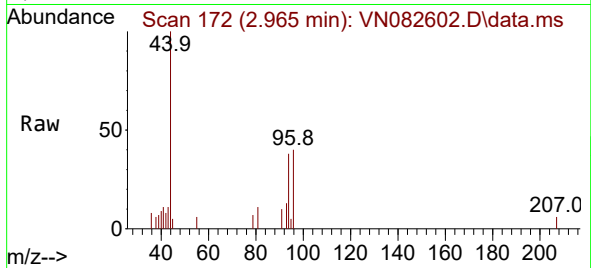




#5
Bromomethane
Concen: 1.608 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082602.D
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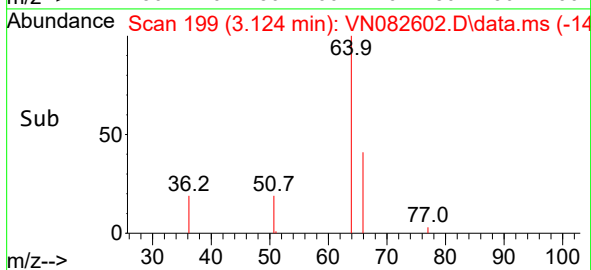
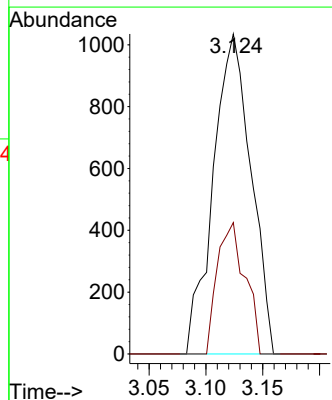
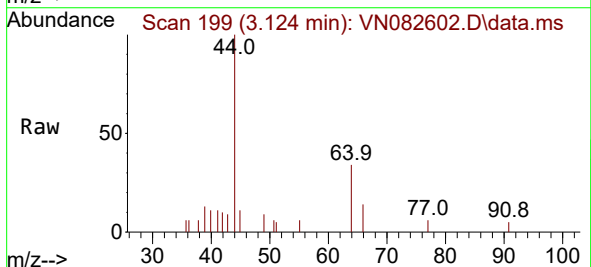
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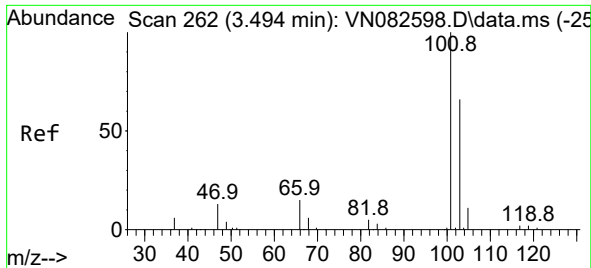
Tgt Ion: 94 Resp: 2702
Ion Ratio Lower Upper
94 100
96 105.4 78.0 117.0



#6
Chloroethane
Concen: 1.287 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 64 Resp: 2395
Ion Ratio Lower Upper
64 100
66 41.1 26.6 40.0#

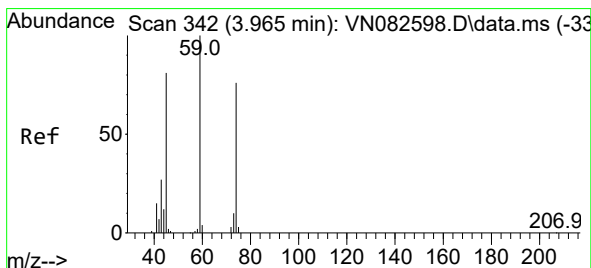
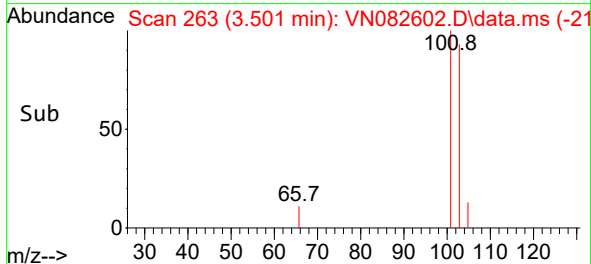
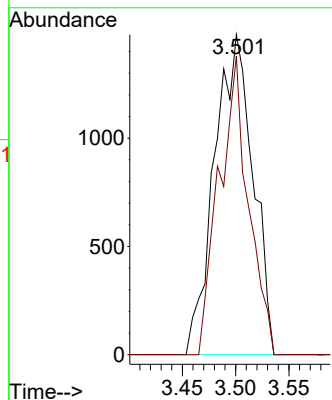
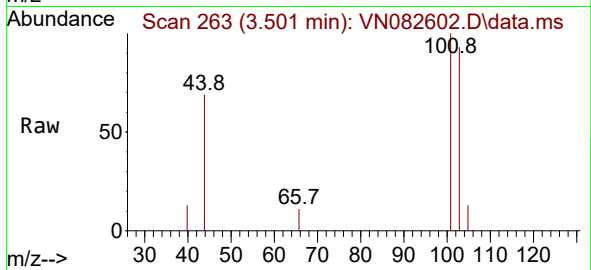




#7
 Trichlorofluoromethane
 Concen: 1.092 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

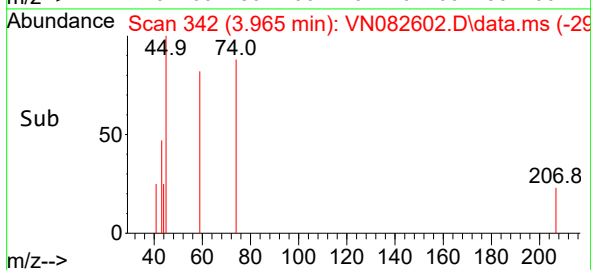
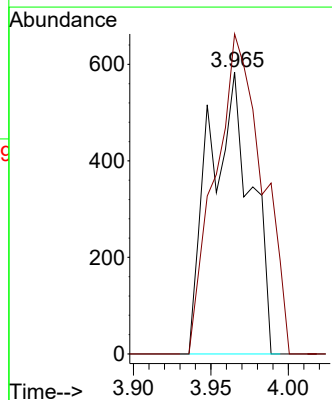
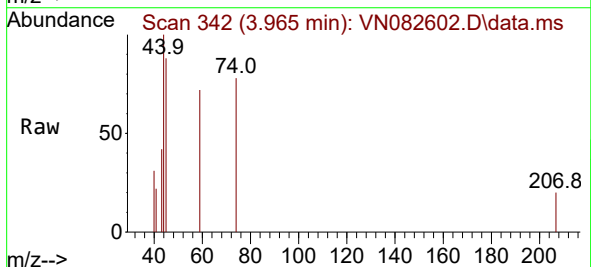
Instrument :
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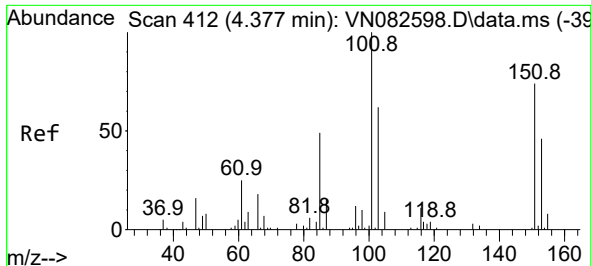
Tgt Ion:101 Resp: 3717
 Ion Ratio Lower Upper
 101 100
 103 93.3 52.7 79.1#



#8
 Diethyl Ether
 Concen: 0.943 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 1093
 Ion Ratio Lower Upper
 74 100
 45 128.4 55.5 166.3

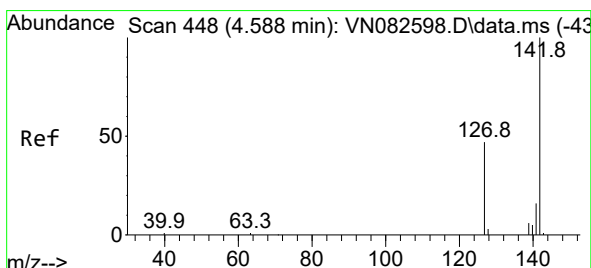
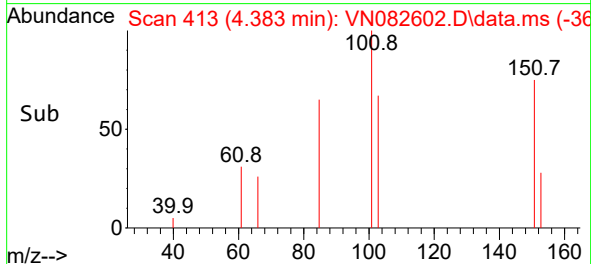
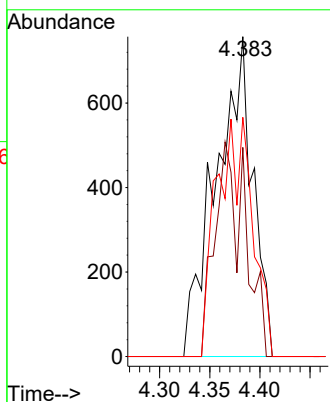
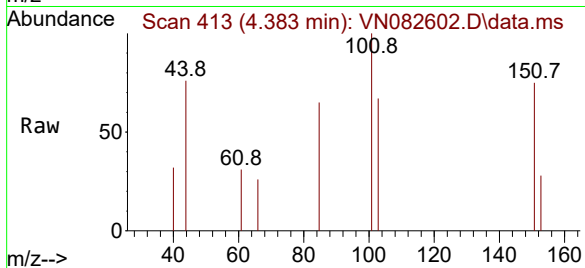




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.012 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

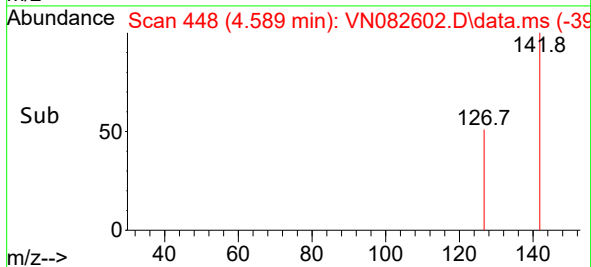
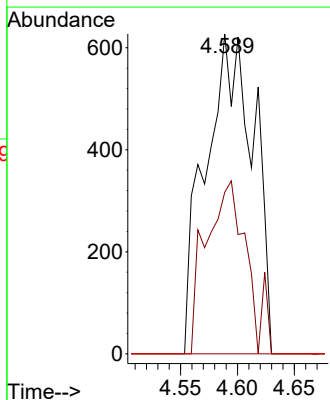
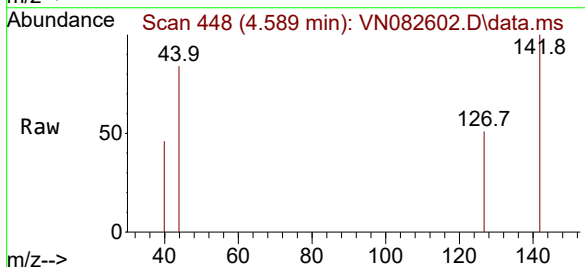
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

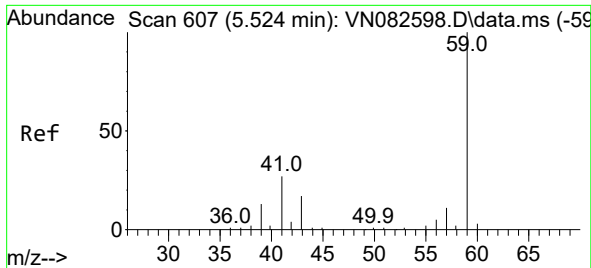
Tgt Ion:101 Resp: 1929
Ion Ratio Lower Upper
101 100
85 54.7 38.3 57.5
151 72.4 59.3 88.9



#10
Methyl Iodide
Concen: 1.019 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:142 Resp: 1851
Ion Ratio Lower Upper
142 100
127 50.6 37.5 56.3
141 0.0 13.1 19.7#

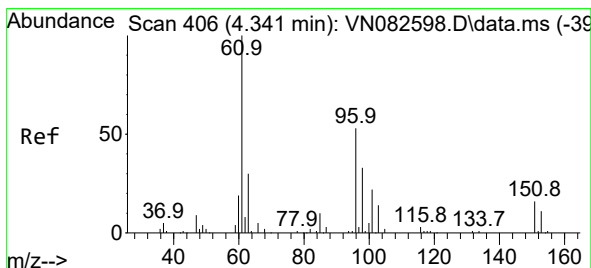
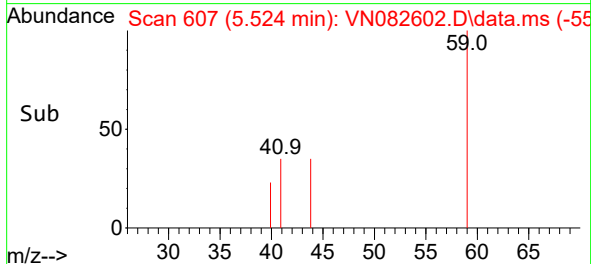
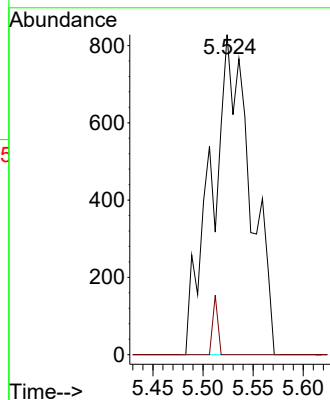
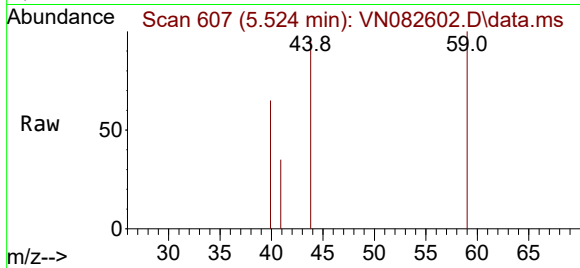




#11
Tert butyl alcohol
Concen: 5.204 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

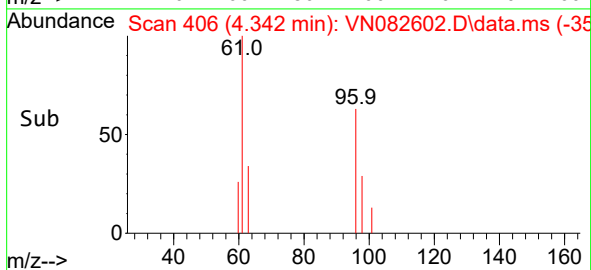
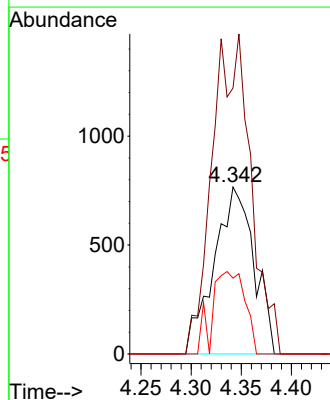
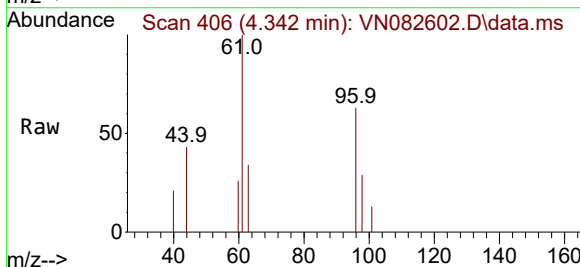
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

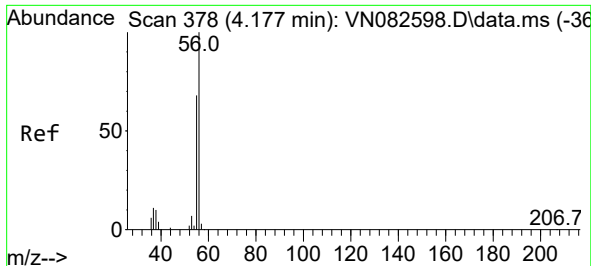
Tgt Ion: 59 Resp: 2237
Ion Ratio Lower Upper
59 100
57 2.4 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 1.167 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 96 Resp: 2128
Ion Ratio Lower Upper
96 100
61 159.4 149.7 224.5
98 45.4 50.1 75.1#





#13

Acrolein

Concen: 5.419 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

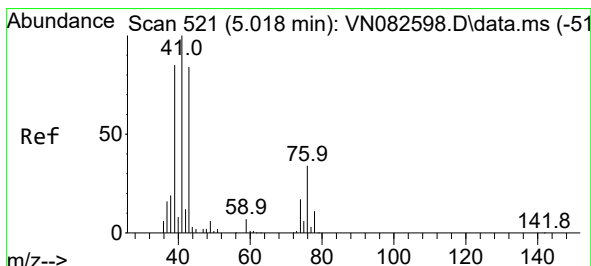
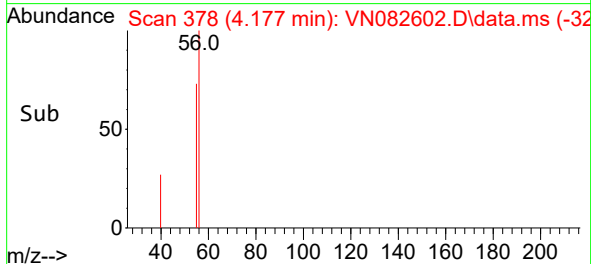
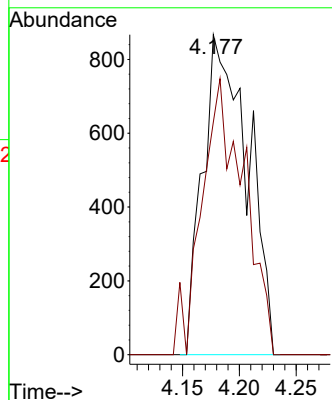
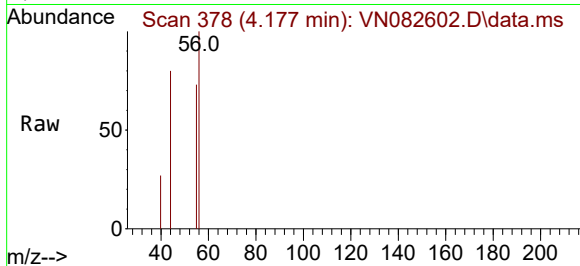
VSTDIC001

Tgt Ion: 56 Resp: 2373

Ion Ratio Lower Upper

56 100

55 81.7 56.4 84.6



#14

Allyl chloride

Concen: 0.942 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.018 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

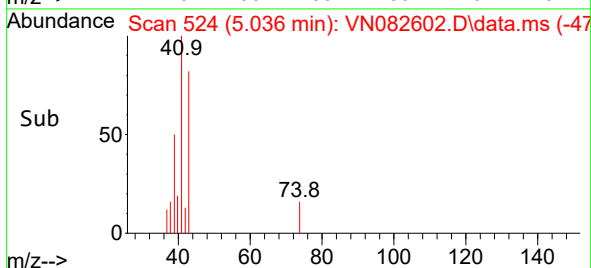
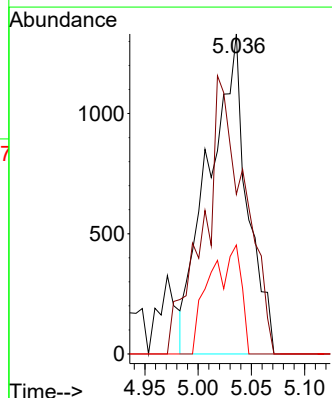
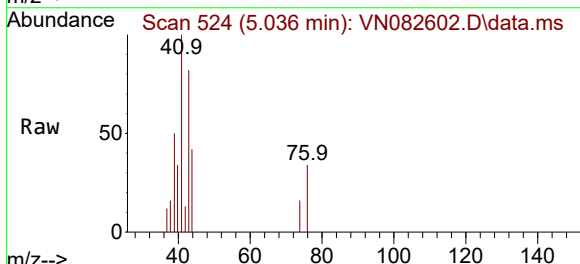
Tgt Ion: 41 Resp: 3361

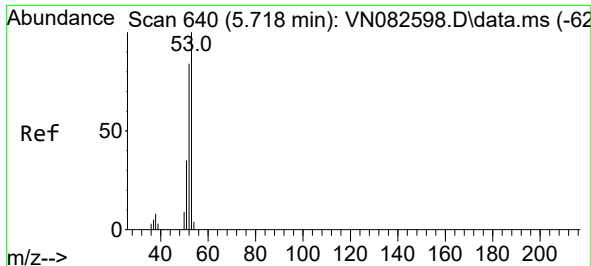
Ion Ratio Lower Upper

41 100

39 0.0 67.8 101.6#

76 11.9 25.8 38.8#





#15

Acrylonitrile

Concen: 5.577 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

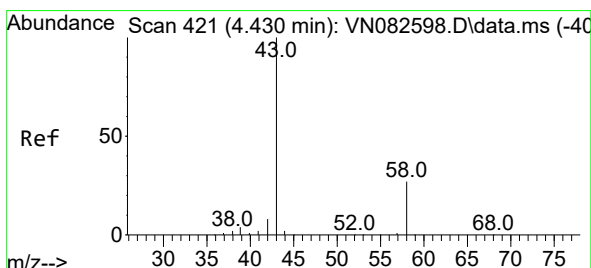
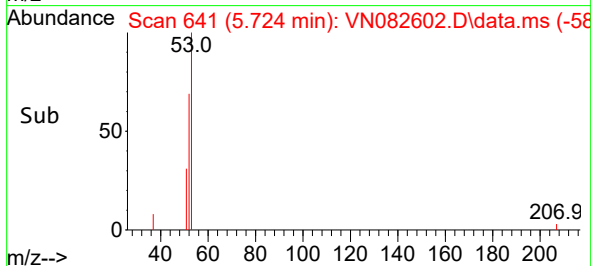
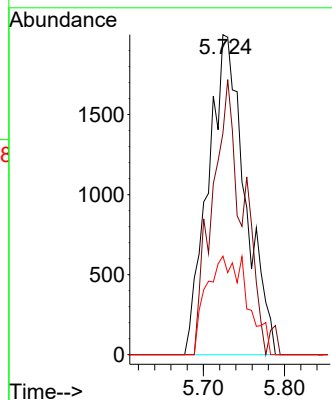
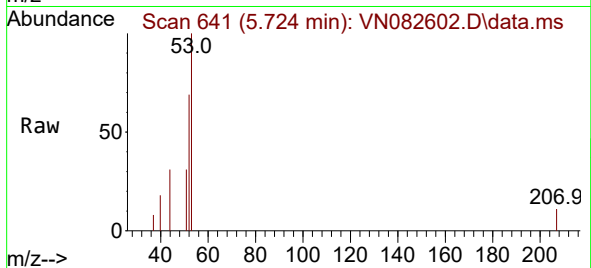
Tgt Ion: 53 Resp: 6328

Ion Ratio Lower Upper

53 100

52 57.5 66.6 100.0#

51 33.8 30.1 45.1



#16

Acetone

Concen: 5.946 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN082602.D

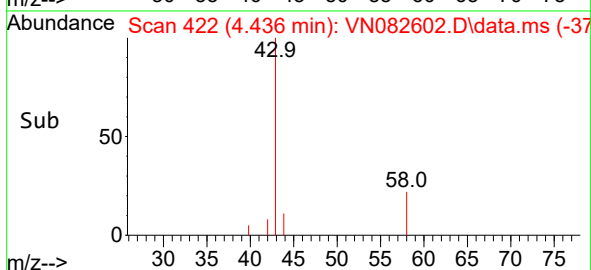
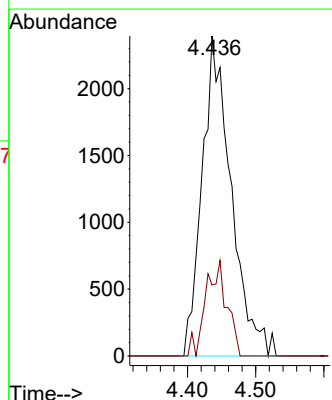
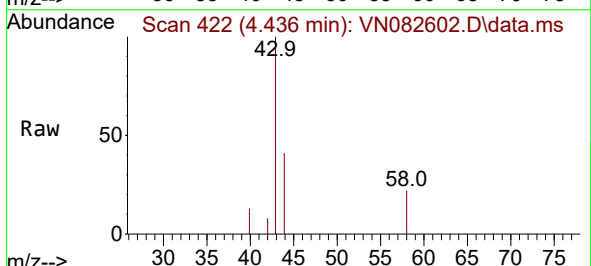
Acq: 17 Jun 2024 11:41

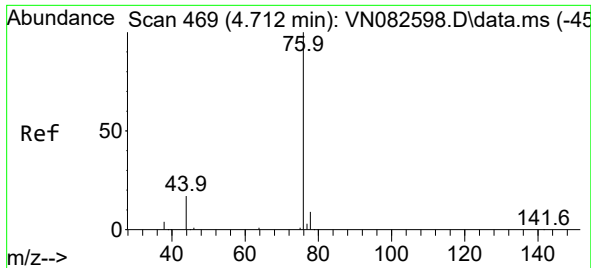
Tgt Ion: 43 Resp: 7103

Ion Ratio Lower Upper

43 100

58 22.1 21.8 32.6

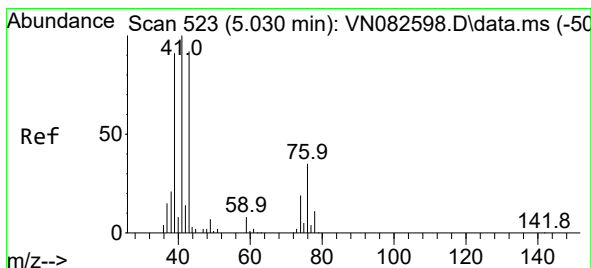
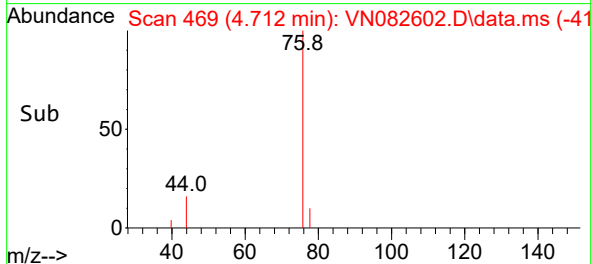
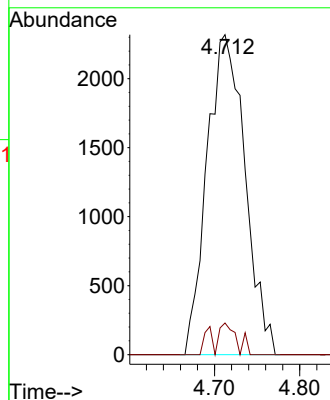
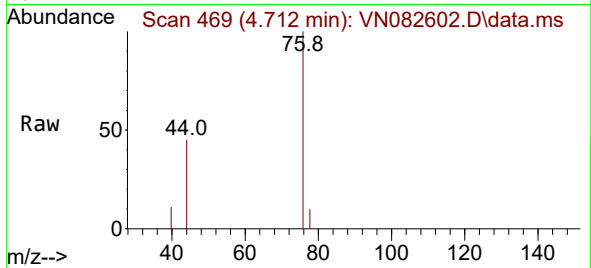




#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

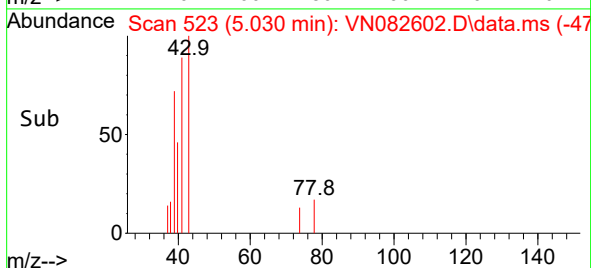
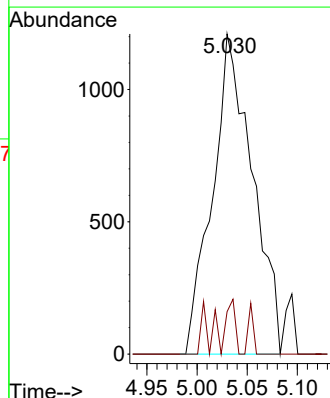
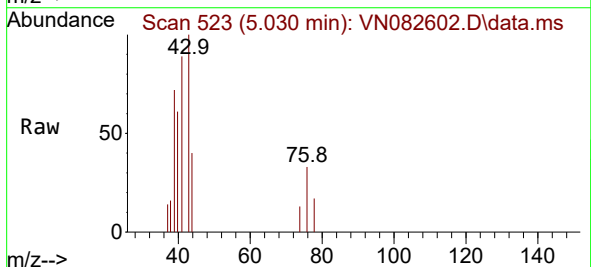
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

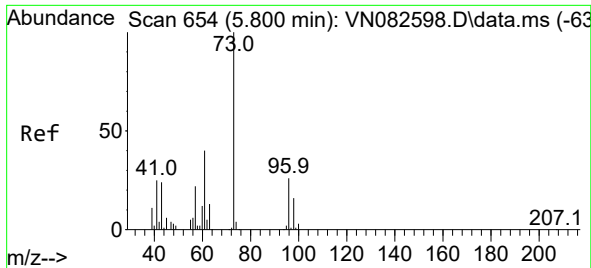
Tgt Ion: 76 Resp: 7186
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
74 3.9 16.3 24.5#

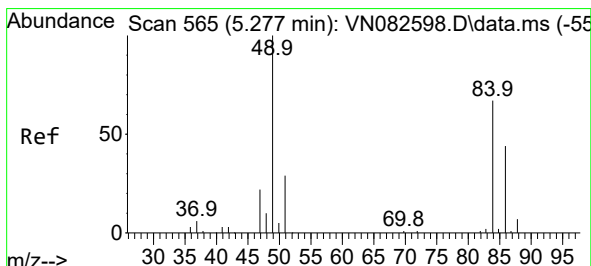
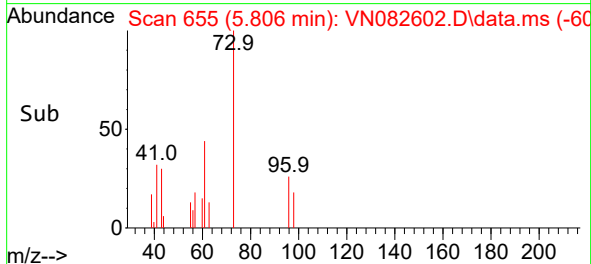
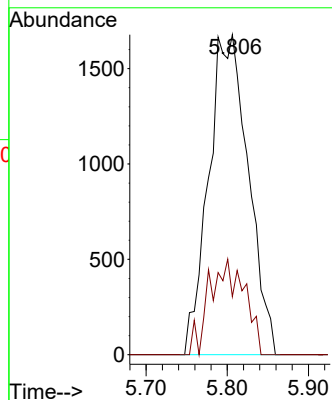
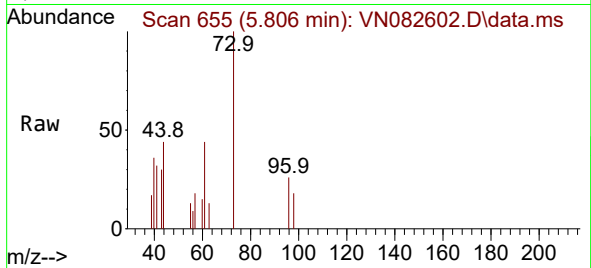




#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

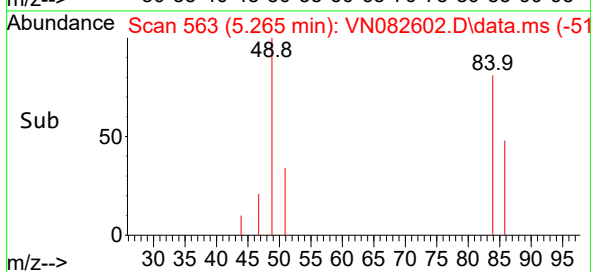
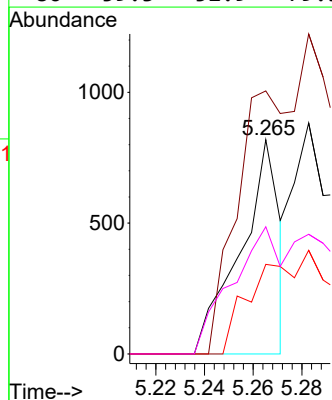
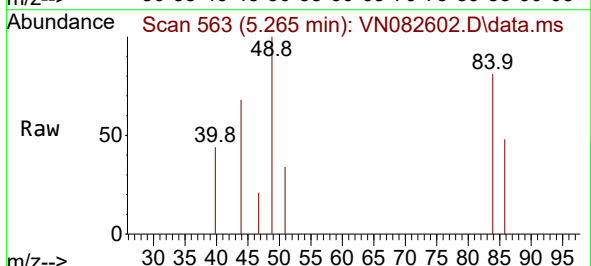
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

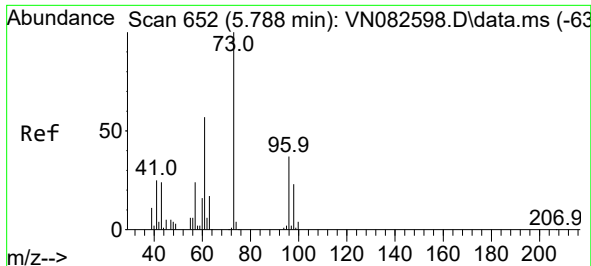
Tgt Ion: 73 Resp: 5696
Ion Ratio Lower Upper
73 100
57 18.2 17.9 26.9



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 84 Resp: 916
Ion Ratio Lower Upper
84 100
49 122.7 119.6 179.4
51 41.8 34.8 52.2
86 59.3 52.9 79.3

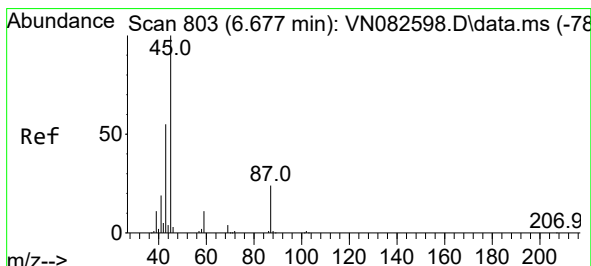
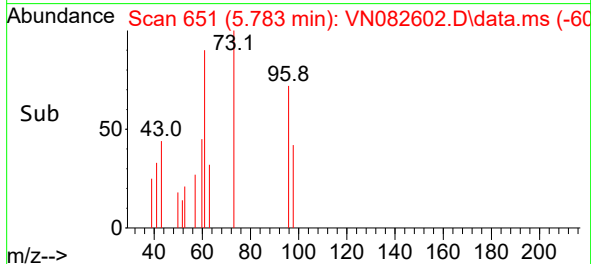
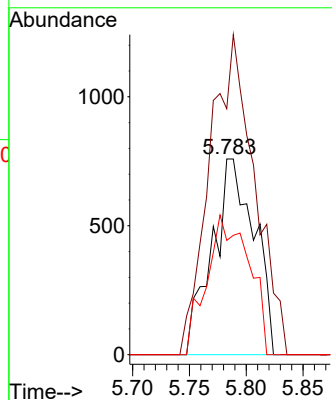
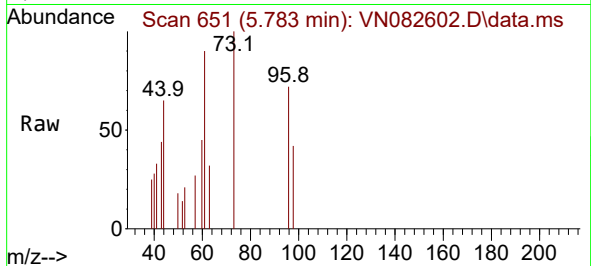




#21
trans-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

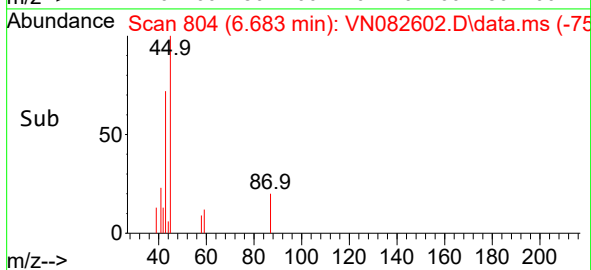
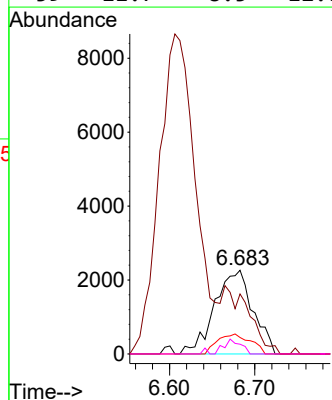
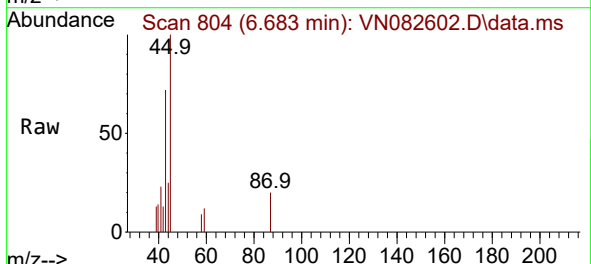
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

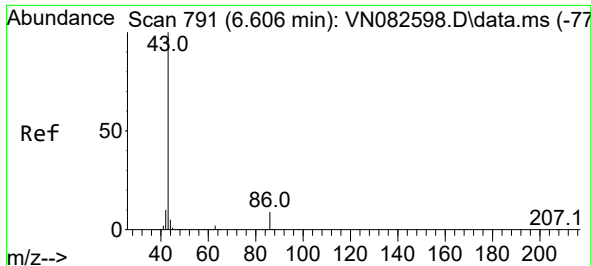
Tgt Ion: 96 Resp: 1963
Ion Ratio Lower Upper
96 100
61 125.7 123.4 185.2
98 58.4 49.3 73.9



#22
Diisopropyl ether
Concen: 0.943 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 45 Resp: 7057
Ion Ratio Lower Upper
45 100
43 71.8 44.0 66.0#
87 19.8 19.7 29.5
59 11.7 8.5 12.7

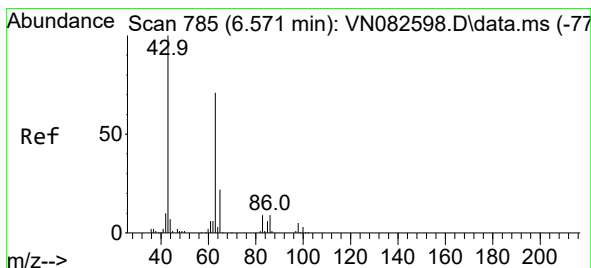
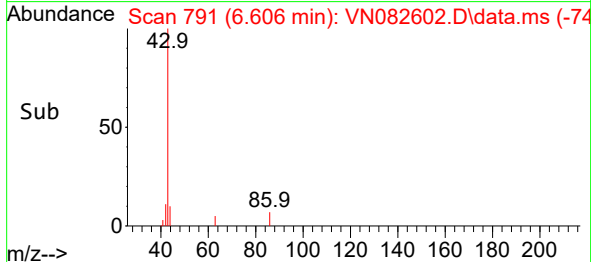
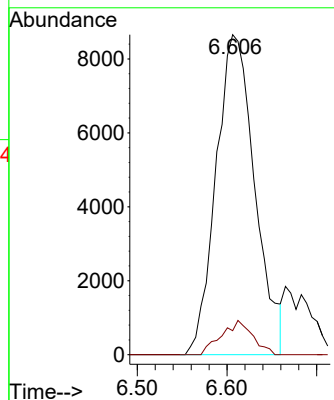
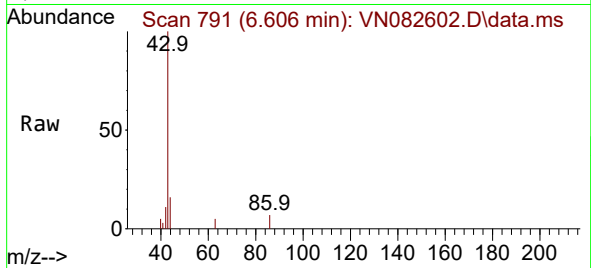




#23
 Vinyl Acetate
 Concen: 4.382 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

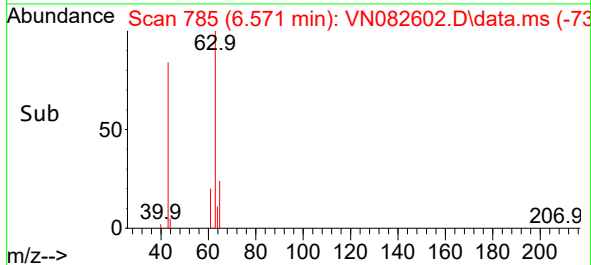
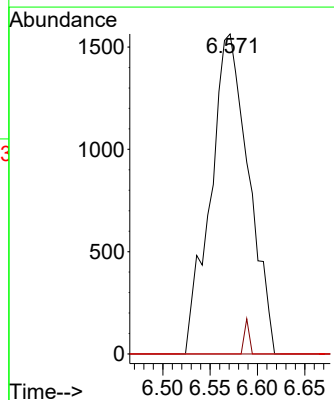
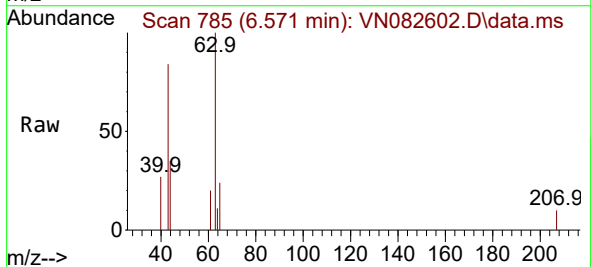
Instrument :
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 ClientSampleId :
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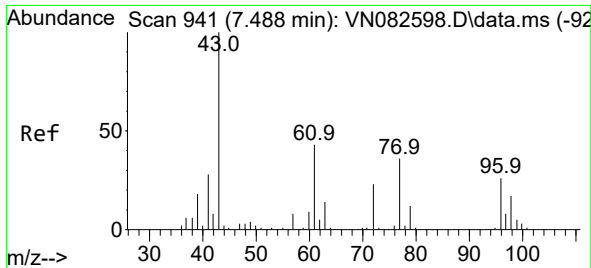
Tgt Ion: 43 Resp: 25989
 Ion Ratio Lower Upper
 43 100
 86 7.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 1.081 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 63 Resp: 4379
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 6.0#

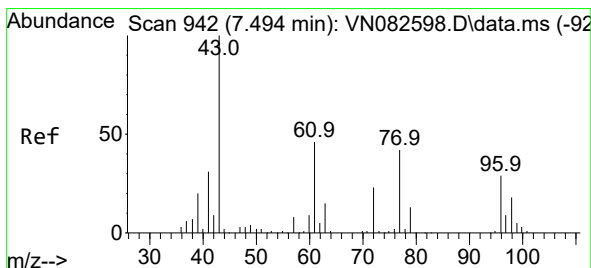
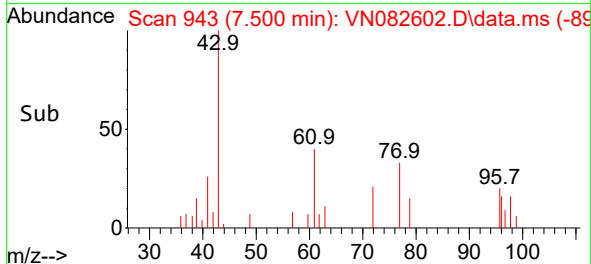
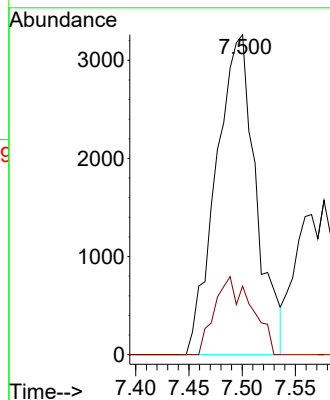
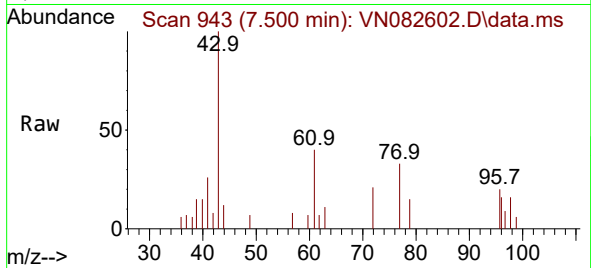




#25
2-Butanone
Concen: 4.996 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

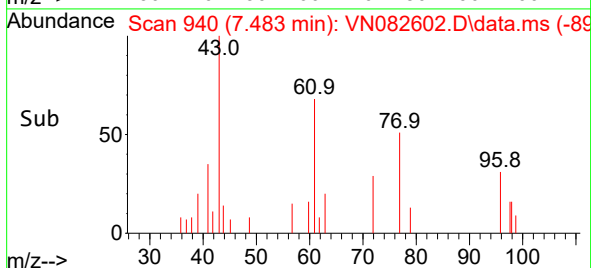
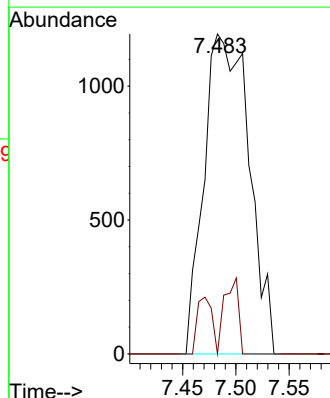
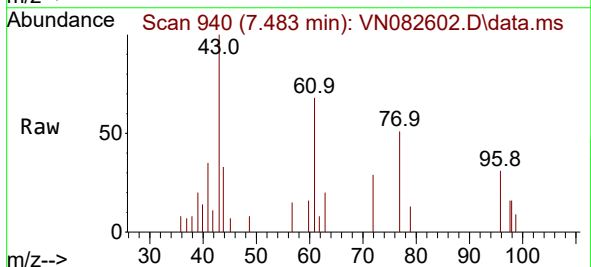
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

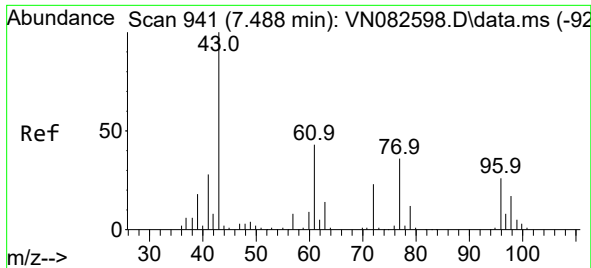
Tgt Ion: 43 Resp: 8482
Ion Ratio Lower Upper
43 100
72 21.4 18.2 27.2



#26
2,2-Dichloropropane
Concen: 0.999 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 77 Resp: 3512
Ion Ratio Lower Upper
77 100
97 5.8 10.3 30.9#



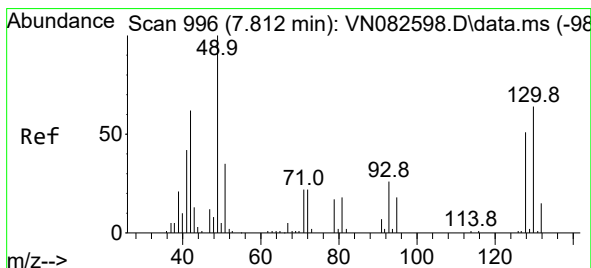
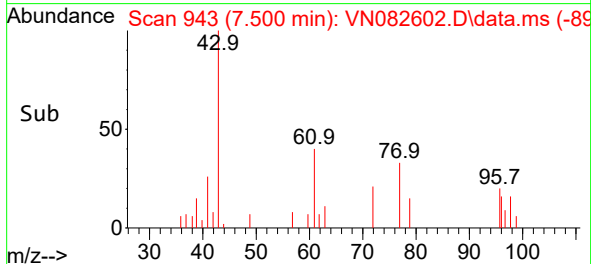
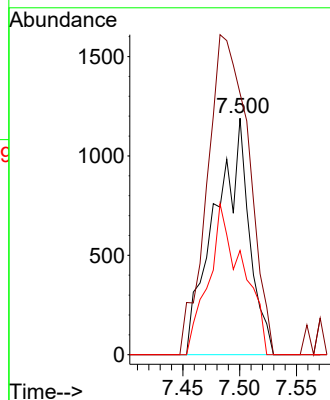
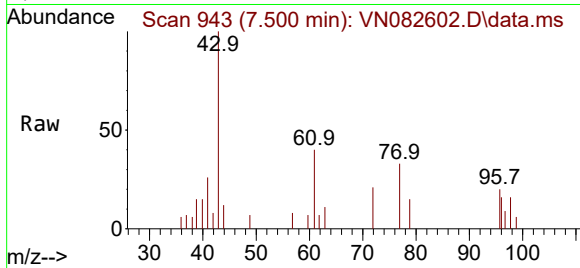


#27
 cis-1,2-Dichloroethene
 Concen: 1.070 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 2499

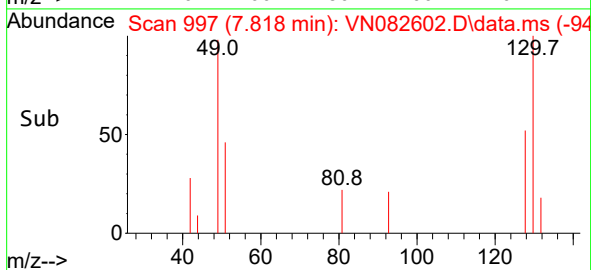
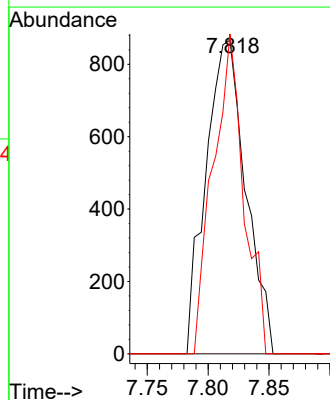
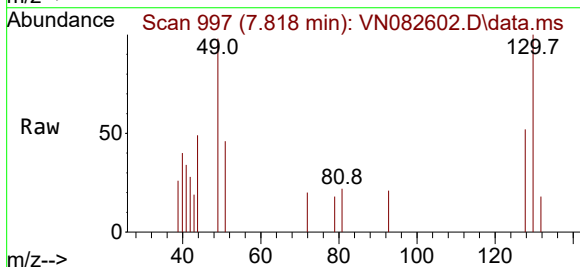
Ion	Ratio	Lower	Upper
96	100		
61	163.8	0.0	329.6
98	63.2	0.0	128.6

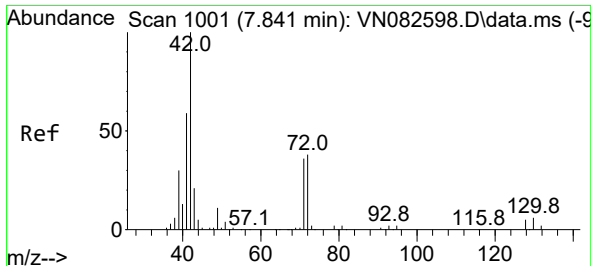


#28
 Bromochloromethane
 Concen: 1.069 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082602.D
 Acq: 17 Jun 2024 11:41

Tgt Ion: 49 Resp: 1976

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	78.9	50.5	75.7#





#29

Tetrahydrofuran

Concen: 4.653 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

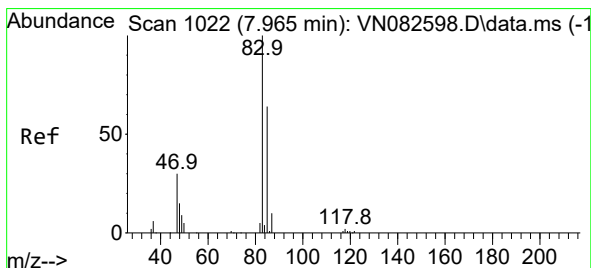
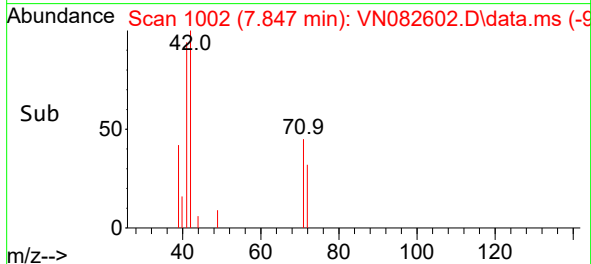
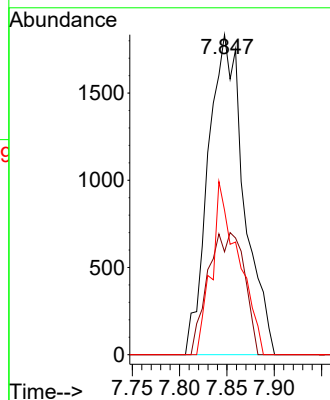
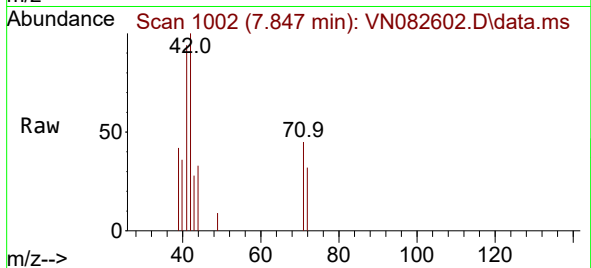
Tgt Ion: 42 Resp: 4836

Ion Ratio Lower Upper

42 100

72 38.8 30.0 45.0

71 40.6 28.3 42.5



#30

Chloroform

Concen: 1.050 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082602.D

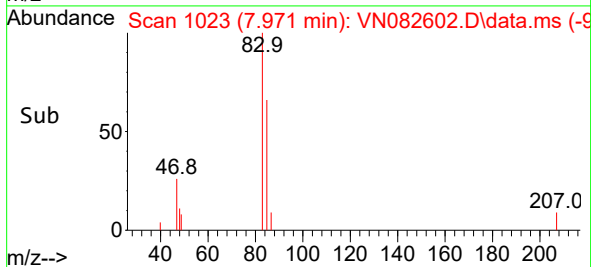
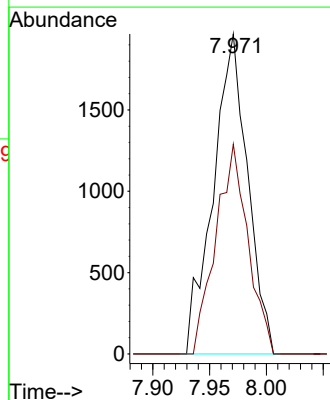
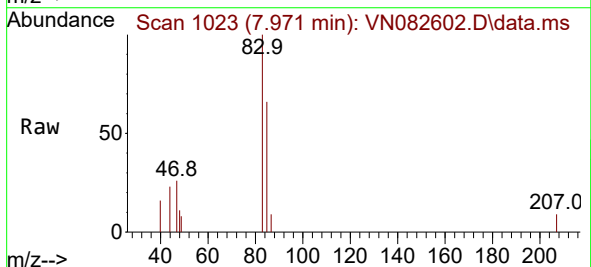
Acq: 17 Jun 2024 11:41

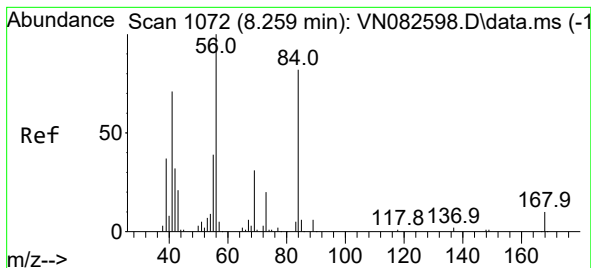
Tgt Ion: 83 Resp: 4152

Ion Ratio Lower Upper

83 100

85 65.5 50.9 76.3





#31

Cyclohexane

Concen: 2.013 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

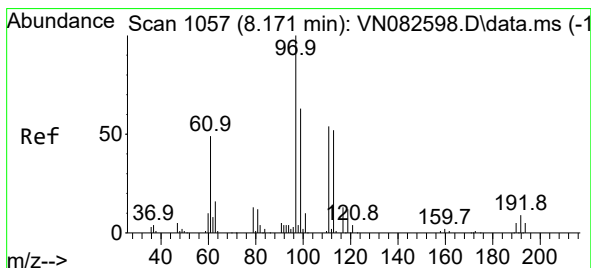
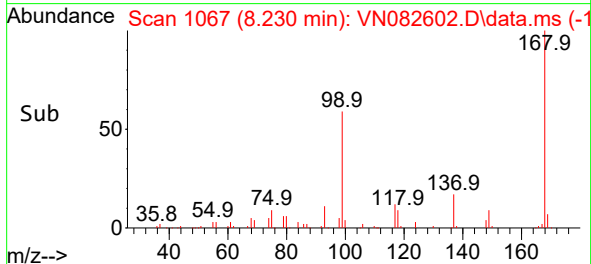
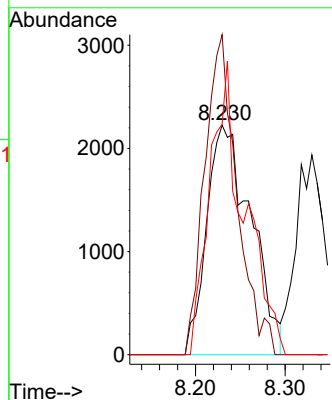
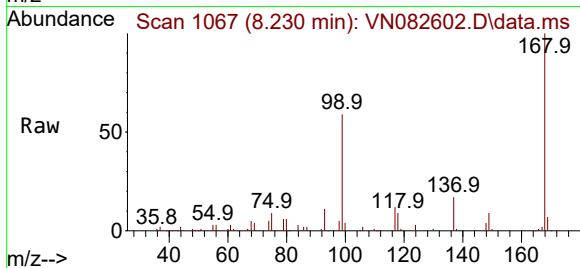
Tgt Ion: 56 Resp: 7631

Ion Ratio Lower Upper

56 100

69 139.4 24.5 36.7#

84 100.4 66.0 99.0#



#32

1,1,1-Trichloroethane

Concen: 1.083 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

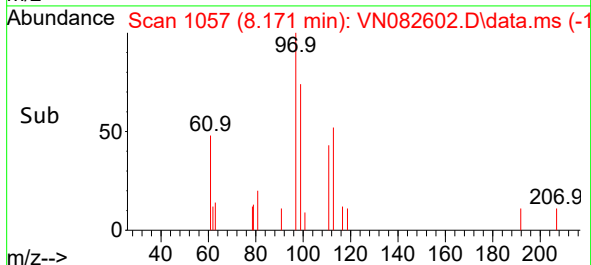
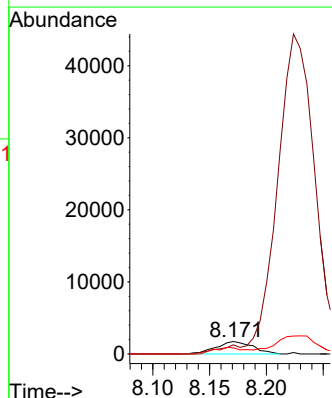
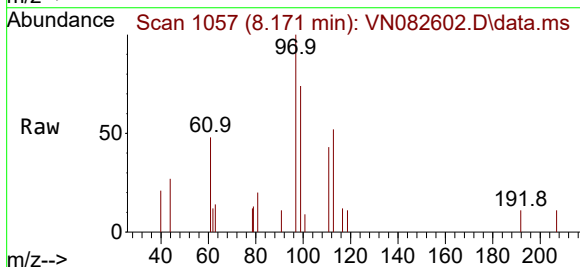
Tgt Ion: 97 Resp: 3883

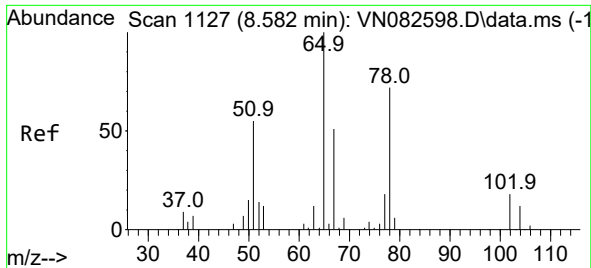
Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 45.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 1.248 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

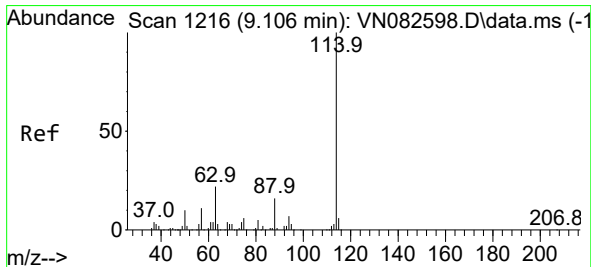
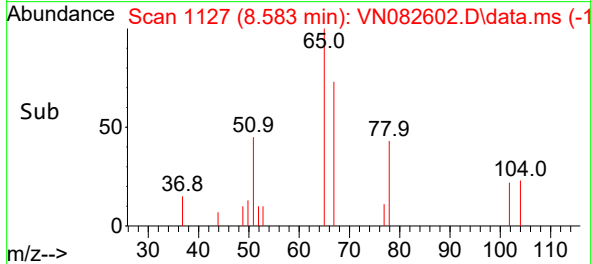
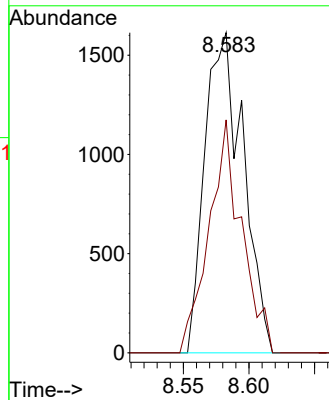
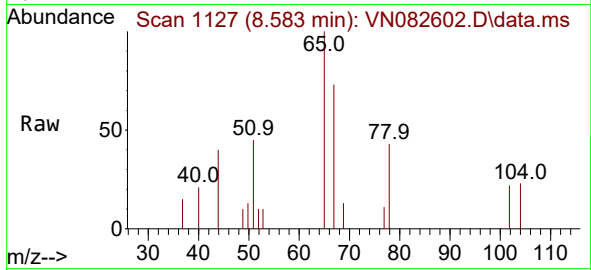
VSTDICC001

Tgt Ion: 65 Resp: 3279

Ion Ratio Lower Upper

65 100

67 61.7 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: VN082602.D

Acq: 17 Jun 2024 11:41

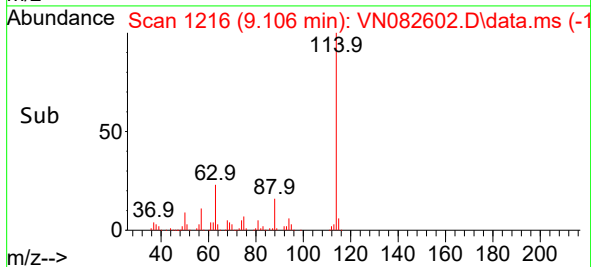
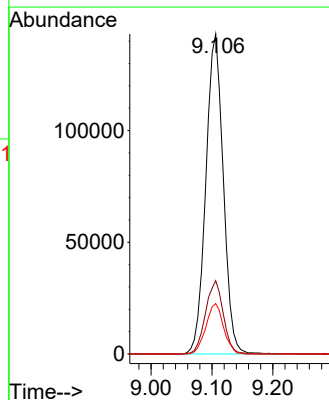
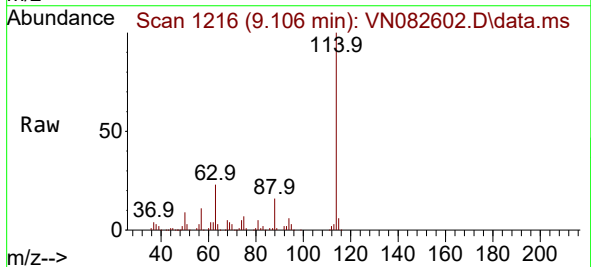
Tgt Ion: 114 Resp: 284974

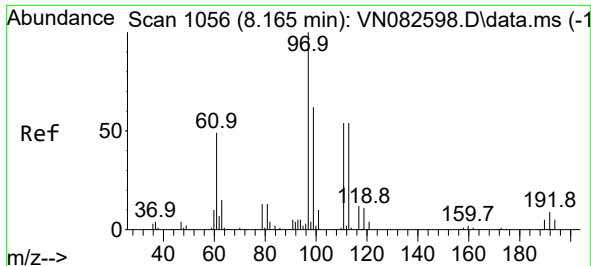
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 1.124 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

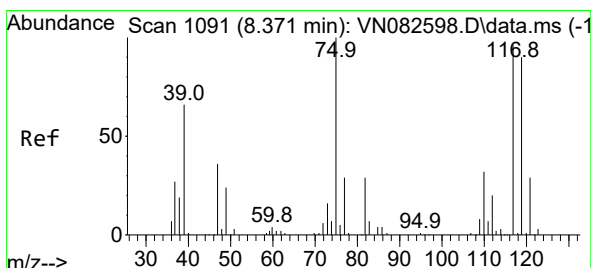
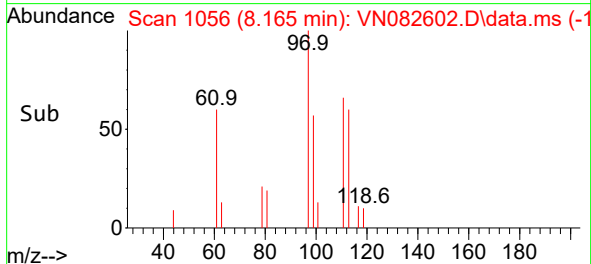
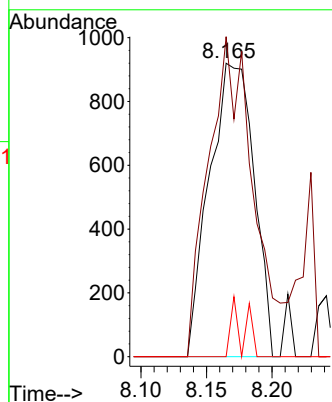
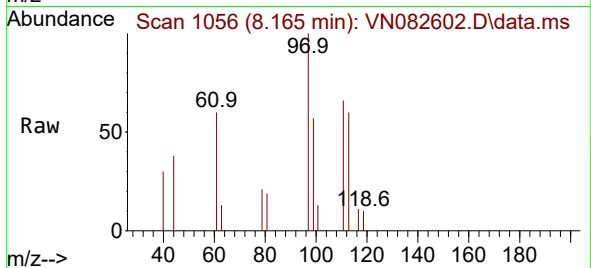
Tgt Ion:113 Resp: 2173

Ion Ratio Lower Upper

113 100

111 108.4 82.4 123.6

192 5.8 14.9 22.3#



#36

1,1-Dichloropropene

Concen: 0.922 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

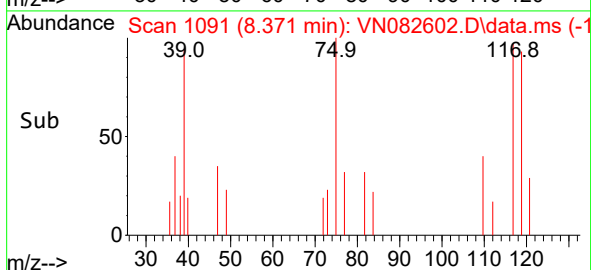
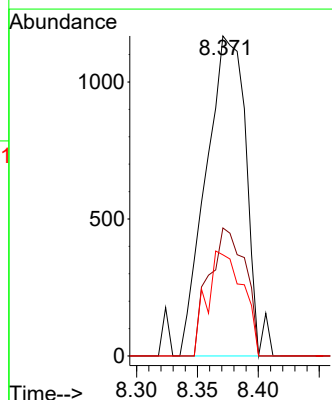
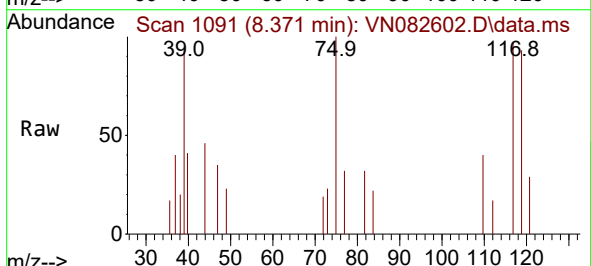
Tgt Ion: 75 Resp: 2665

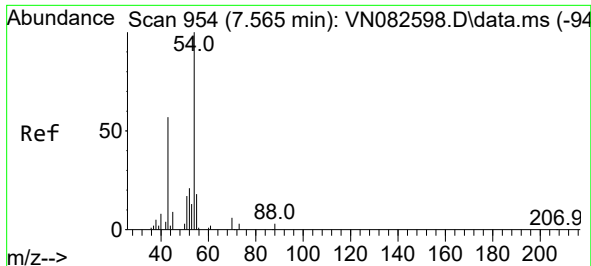
Ion Ratio Lower Upper

75 100

110 36.5 16.3 48.9

77 29.3 24.6 37.0





#37

Ethyl Acetate

Concen: 1.090 ug/l

RT: 7.577 min Scan# 9

Delta R.T. 0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

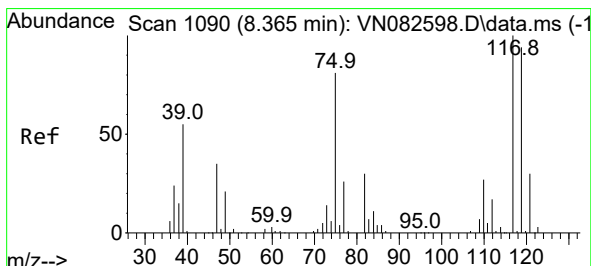
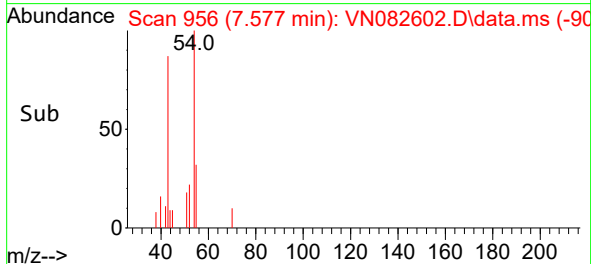
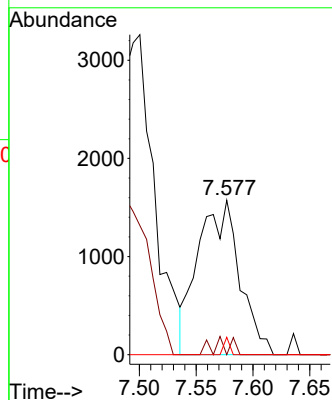
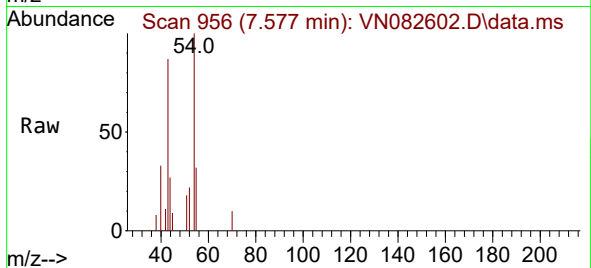
Tgt Ion: 43 Resp: 4011

Ion Ratio Lower Upper

43 100

61 3.2 9.3 13.9#

70 1.5 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 1.017 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

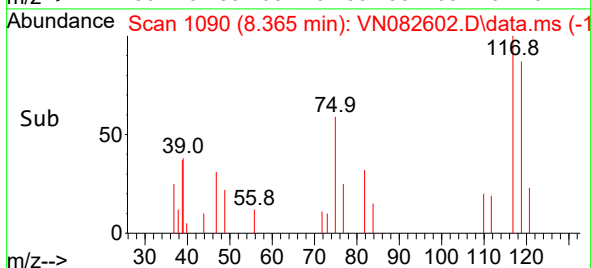
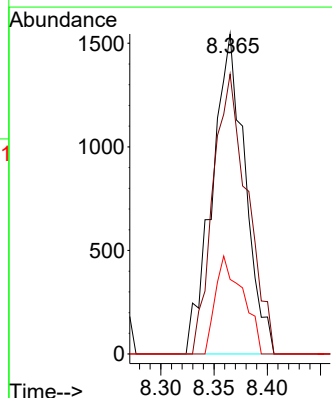
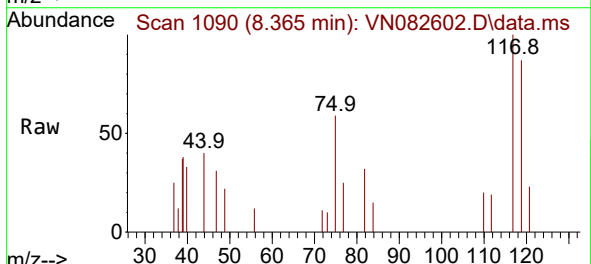
Tgt Ion: 117 Resp: 3312

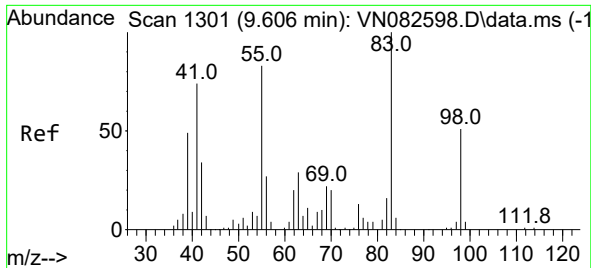
Ion Ratio Lower Upper

117 100

119 87.4 74.9 112.3

121 23.3 24.3 36.5#





#39

Methylcyclohexane

Concen: 0.882 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

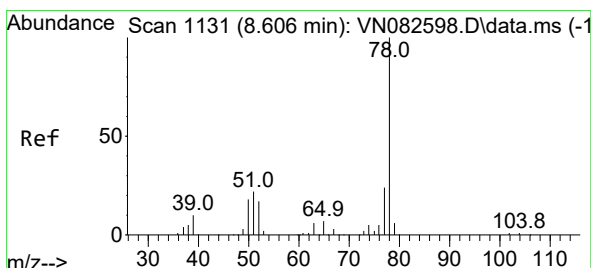
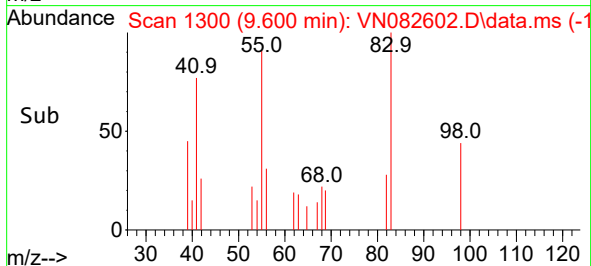
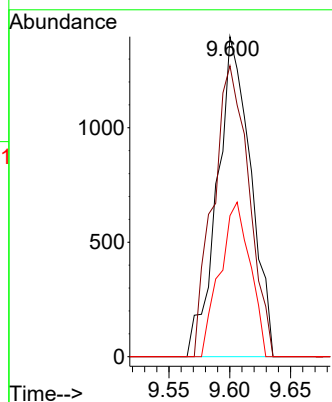
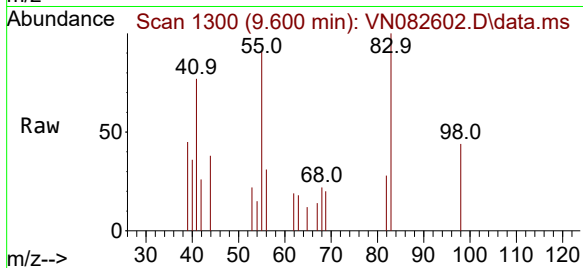
Tgt Ion: 83 Resp: 2683

Ion Ratio Lower Upper

83 100

55 90.9 66.4 99.6

98 44.1 40.7 61.1



#40

Benzene

Concen: 0.980 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082602.D

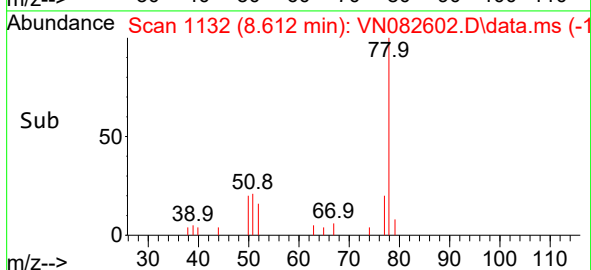
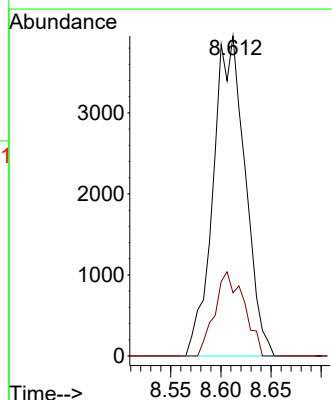
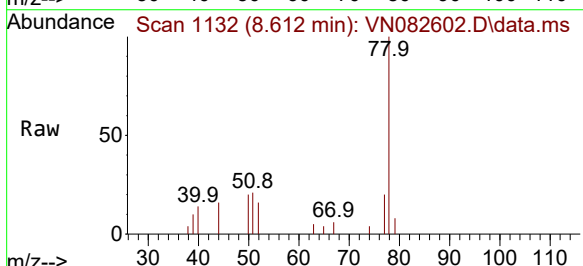
Acq: 17 Jun 2024 11:41

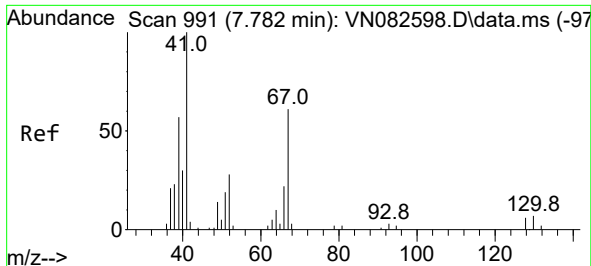
Tgt Ion: 78 Resp: 8751

Ion Ratio Lower Upper

78 100

77 19.8 19.0 28.4

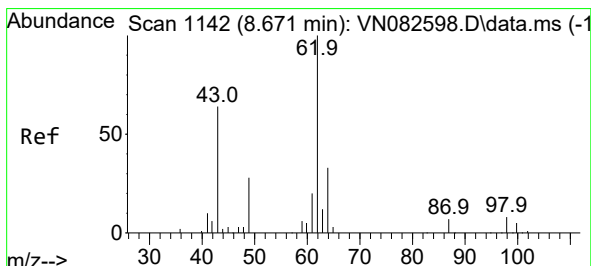
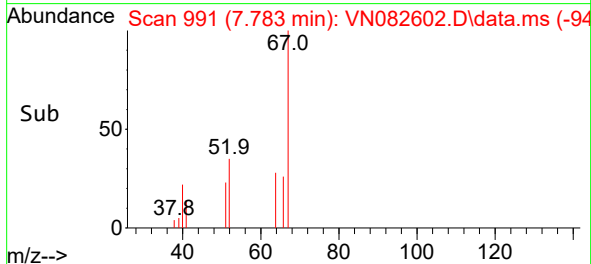
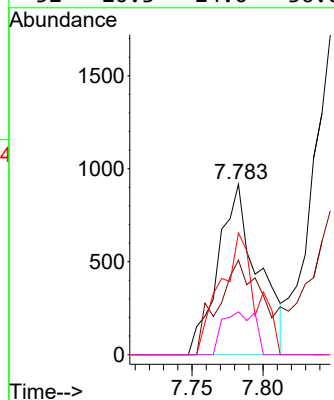
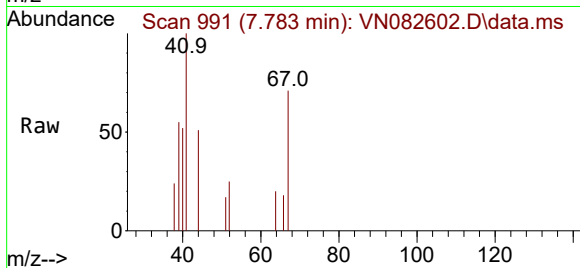




#41
Methacrylonitrile
Concen: 0.951 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

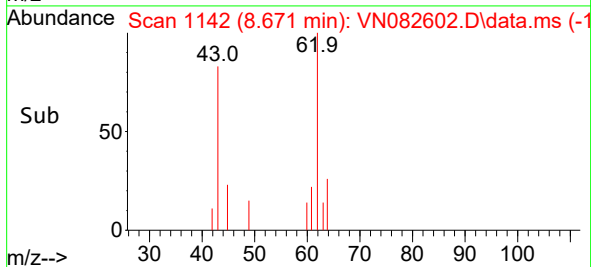
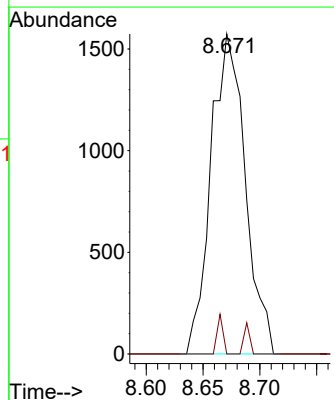
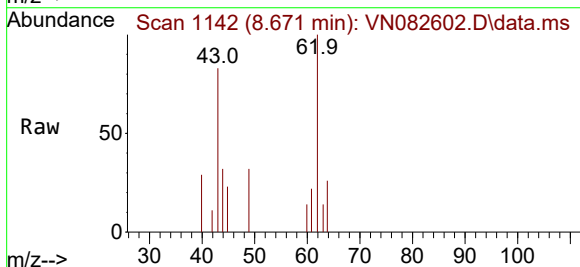
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

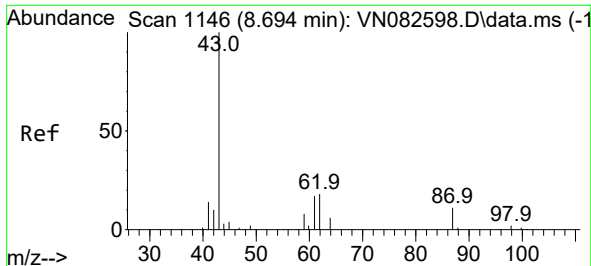
Tgt Ion: 41	Resp: 1789
Ion Ratio	Lower Upper
41 100	
39 59.0	45.5 68.3
67 65.1	50.5 75.7
52 20.3	24.0 36.0#



#42
1,2-Dichloroethane
Concen: 0.973 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 62	Resp: 3304
Ion Ratio	Lower Upper
62 100	
98 2.1	0.0 15.8

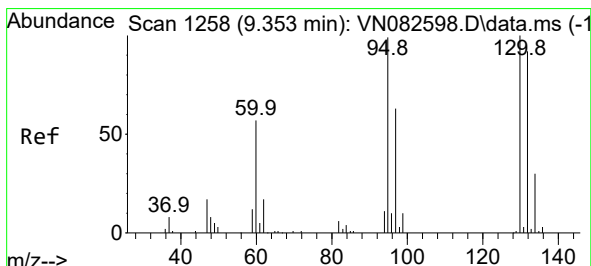
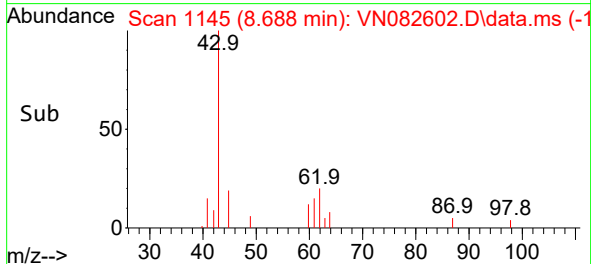
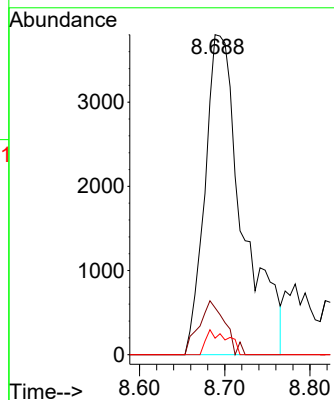
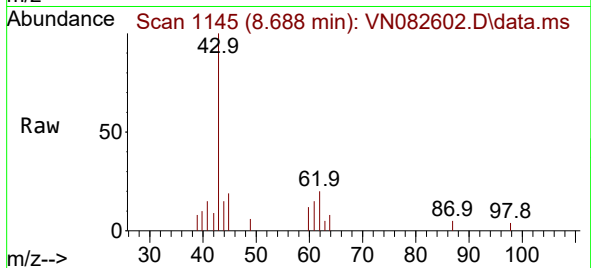




#43
Isopropyl Acetate
Concen: 1.695 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

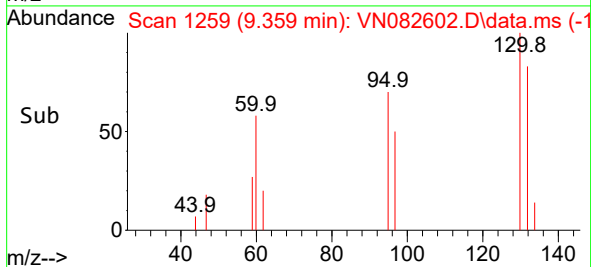
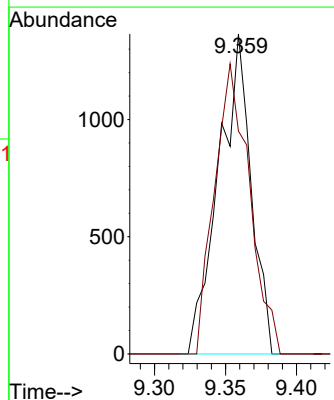
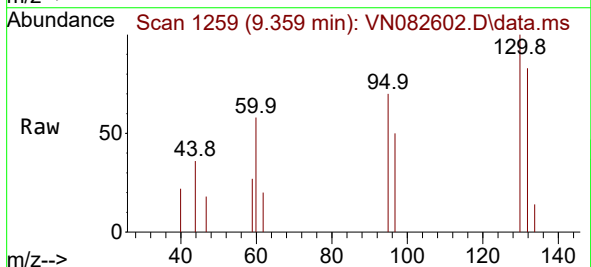
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

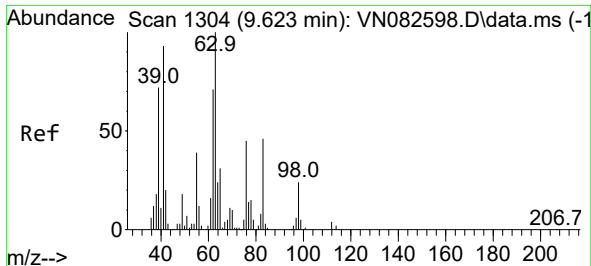
Tgt Ion: 43 Resp: 11662
Ion Ratio Lower Upper
43 100
61 11.6 17.8 26.6#
87 4.4 8.2 12.2#



#44
Trichloroethene
Concen: 1.044 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:130 Resp: 2165
Ion Ratio Lower Upper
130 100
95 69.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 1.016 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

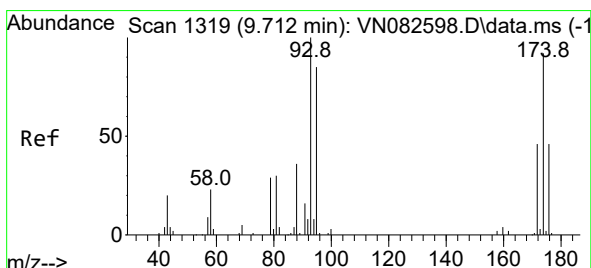
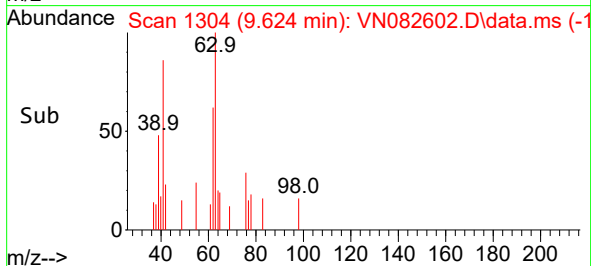
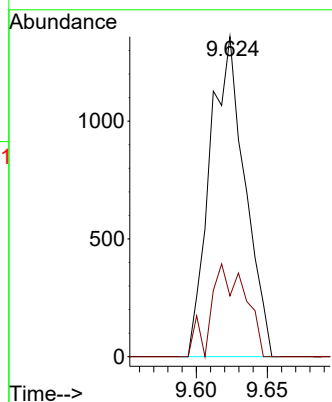
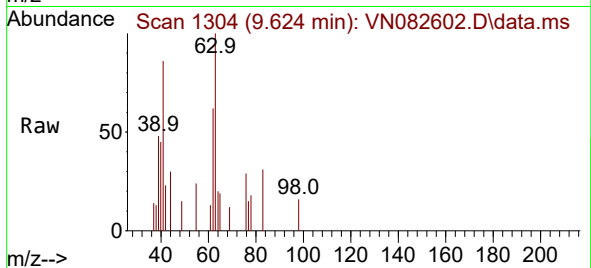
VSTDICC001

Tgt Ion: 63 Resp: 2336

Ion Ratio Lower Upper

63 100

65 19.0 24.4 36.6#



#46

Dibromomethane

Concen: 0.990 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

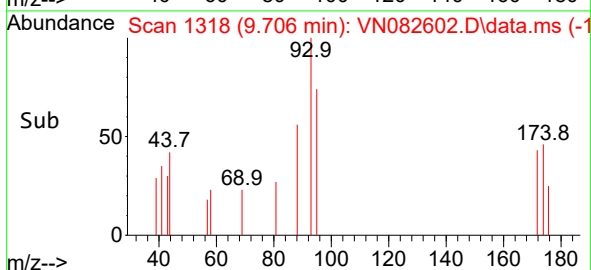
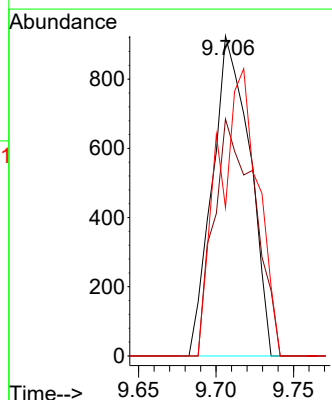
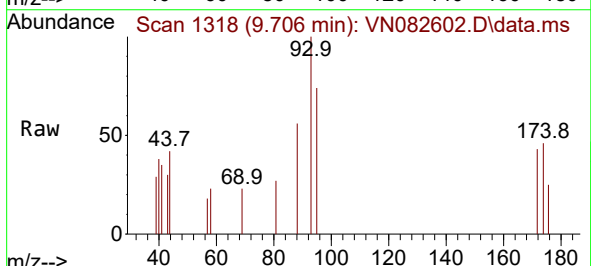
Tgt Ion: 93 Resp: 1543

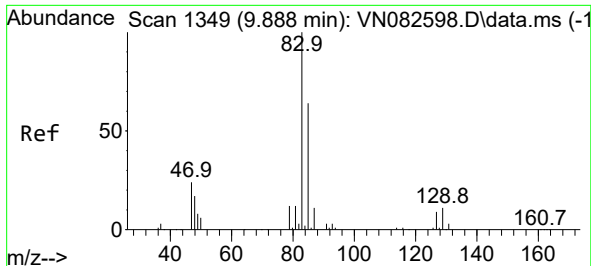
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 95.4 71.7 107.5

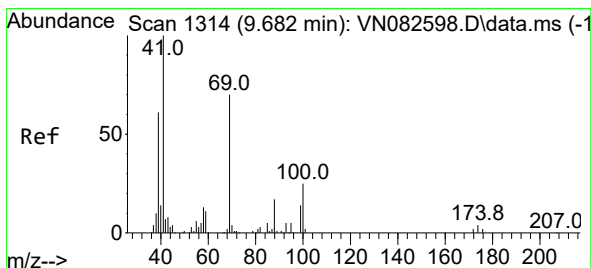
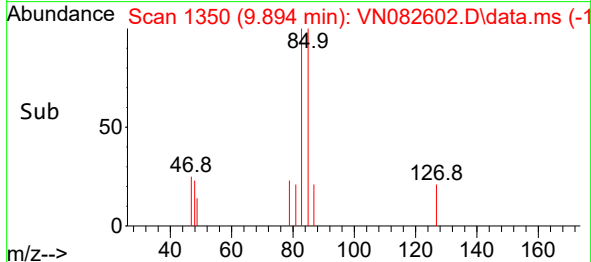
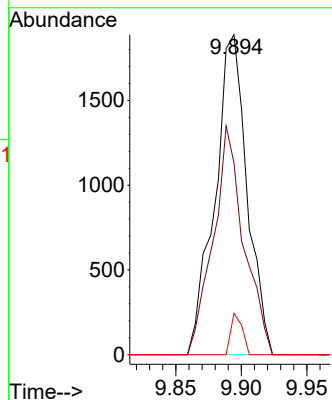
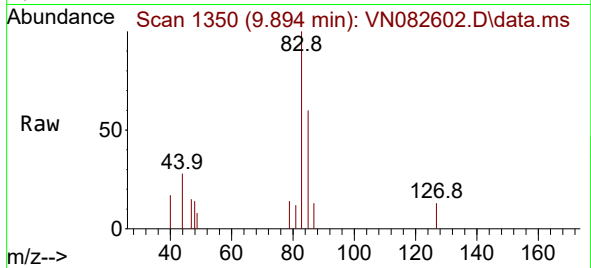




#47
Bromodichloromethane
Concen: 0.972 ug/l
RT: 9.894 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

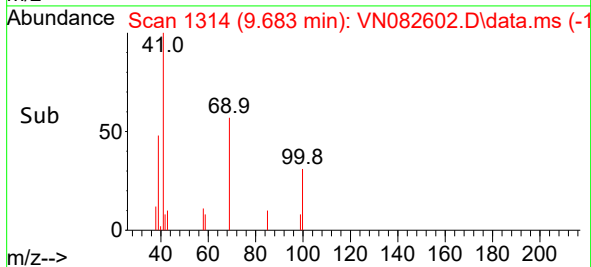
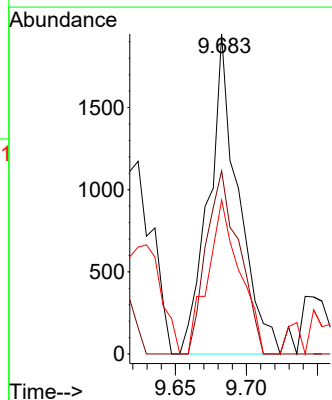
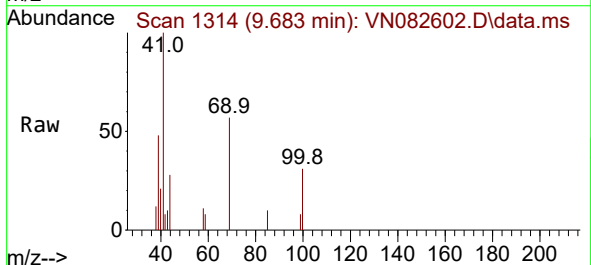
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

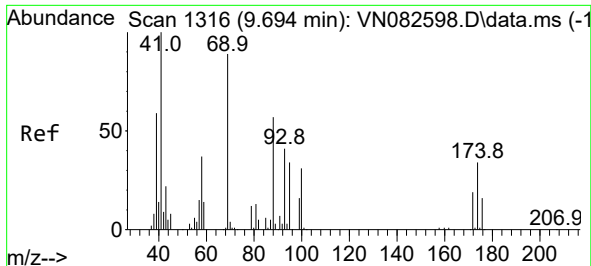
Tgt Ion: 83 Resp: 3229
Ion Ratio Lower Upper
83 100
85 60.0 51.1 76.7
127 12.9 7.2 10.8#



#48
Methyl methacrylate
Concen: 0.995 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 41 Resp: 2821
Ion Ratio Lower Upper
41 100
69 63.3 56.3 84.5
39 52.0 50.3 75.5





#49

1,4-Dioxane

Concen: 16.997 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

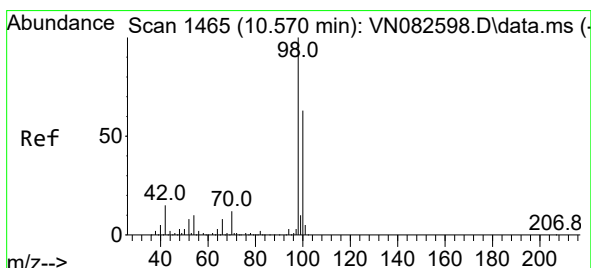
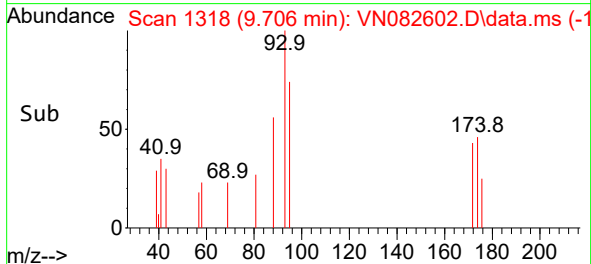
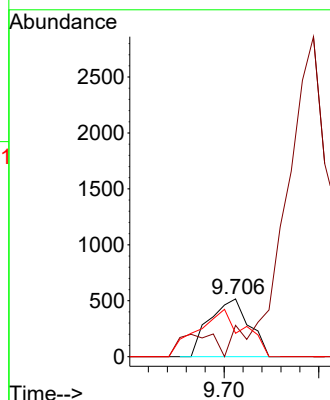
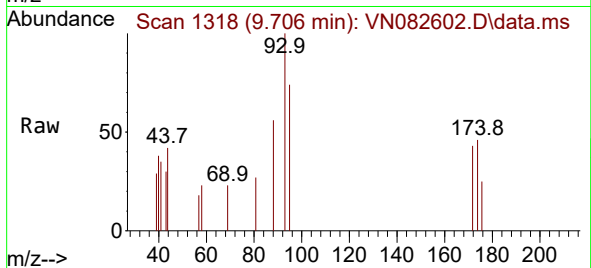
Tgt Ion: 88 Resp: 754

Ion Ratio Lower Upper

88 100

43 34.6 27.8 41.8

58 96.0 59.4 89.0#



#50

Toluene-d8

Concen: 1.051 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082602.D

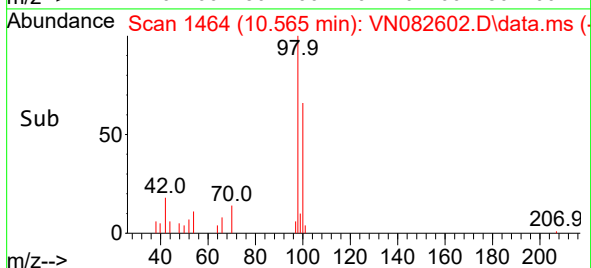
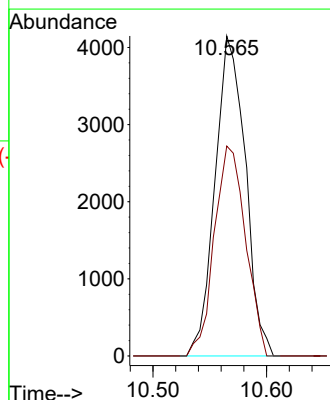
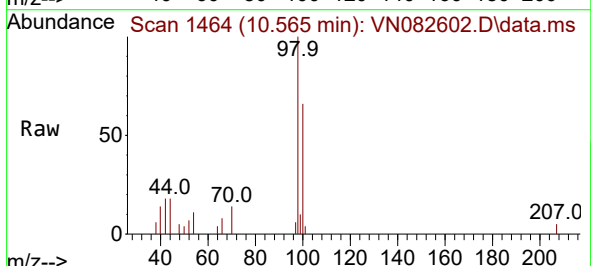
Acq: 17 Jun 2024 11:41

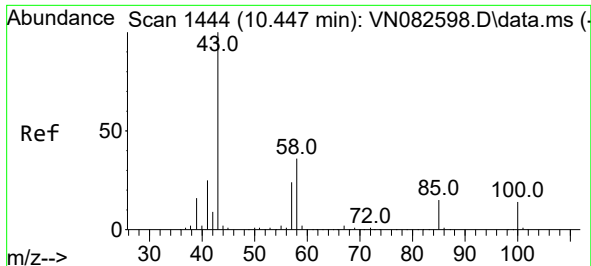
Tgt Ion: 98 Resp: 7682

Ion Ratio Lower Upper

98 100

100 67.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 4.465 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

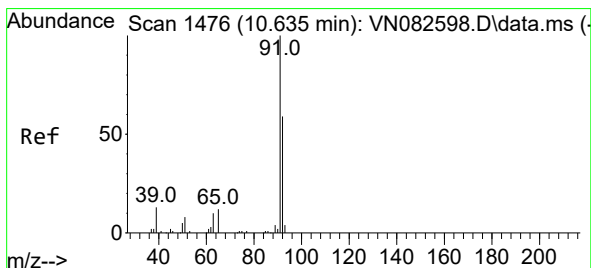
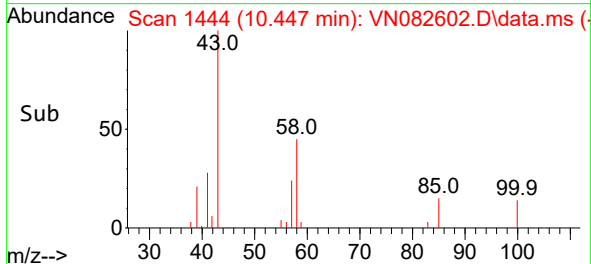
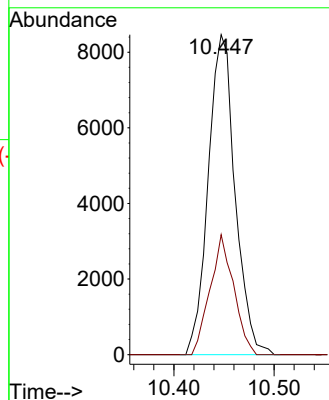
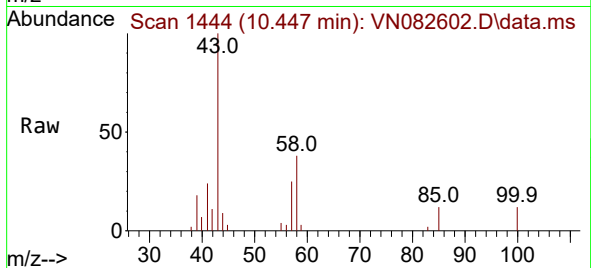
VSTDICC001

Tgt Ion: 43 Resp: 15757

Ion Ratio Lower Upper

43 100

58 33.1 28.2 42.4



#52

Toluene

Concen: 0.930 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN082602.D

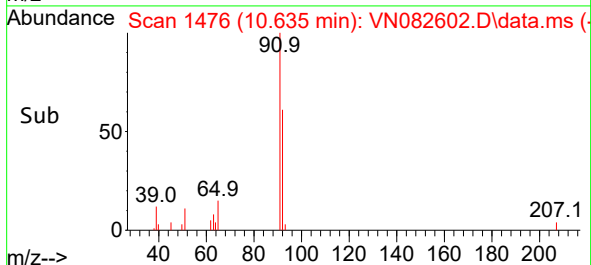
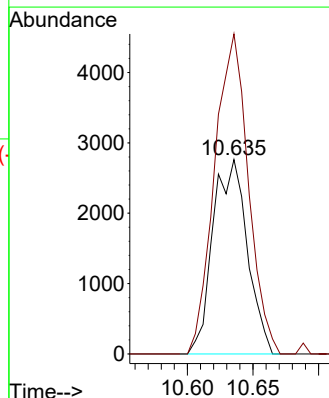
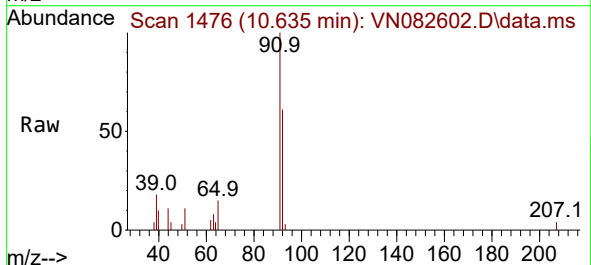
Acq: 17 Jun 2024 11:41

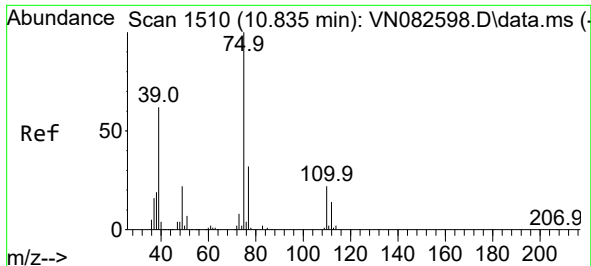
Tgt Ion: 92 Resp: 5034

Ion Ratio Lower Upper

92 100

91 161.8 139.4 209.0

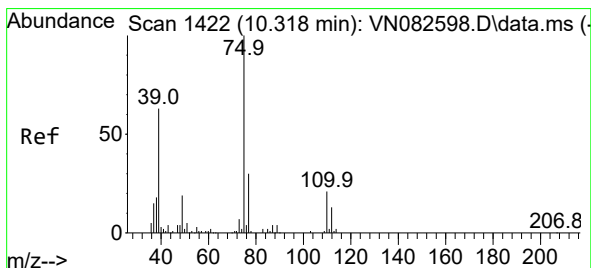
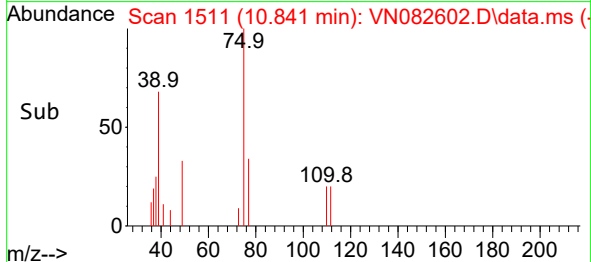
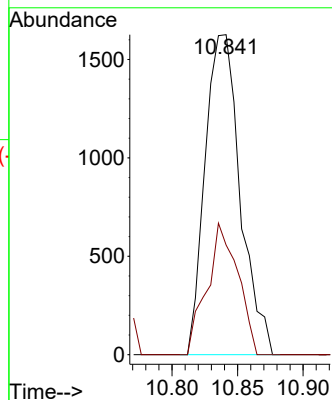
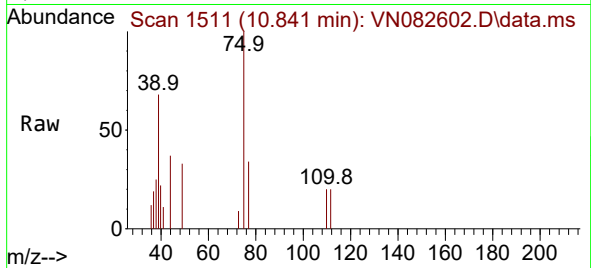




#53
t-1,3-Dichloropropene
Concen: 0.894 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

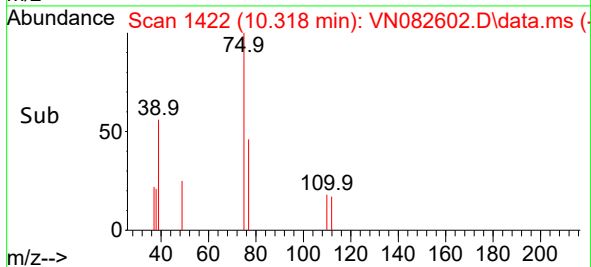
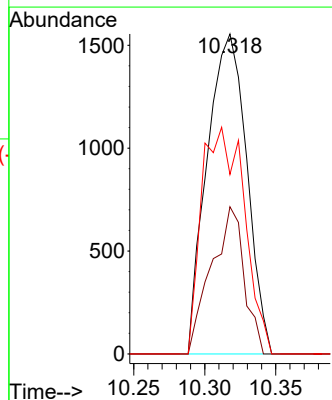
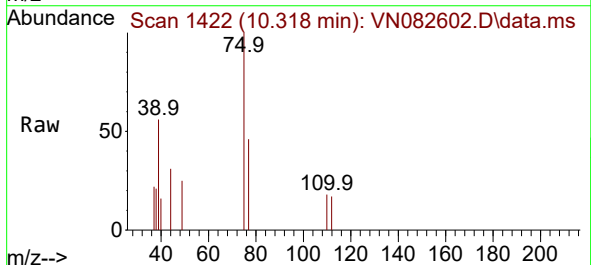
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

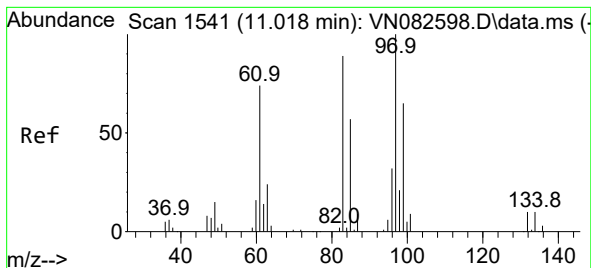
Tgt Ion: 75 Resp: 3035
Ion Ratio Lower Upper
75 100
77 34.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 0.859 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 75 Resp: 3017
Ion Ratio Lower Upper
75 100
77 46.0 24.3 36.5#
39 56.1 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 0.844 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1654

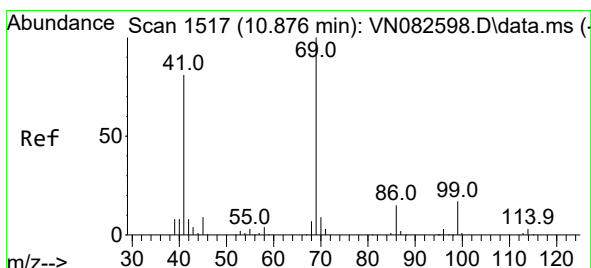
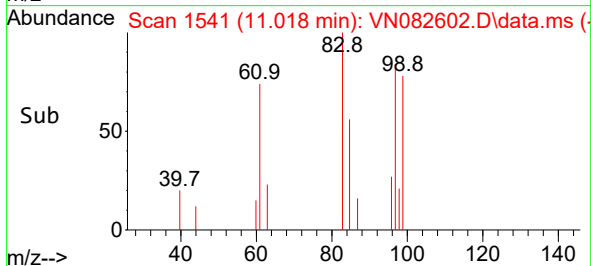
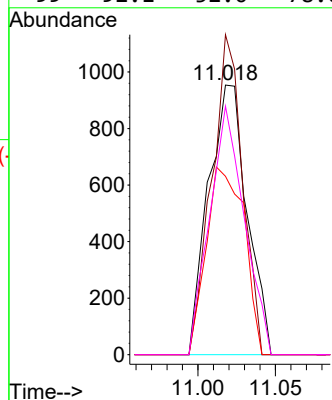
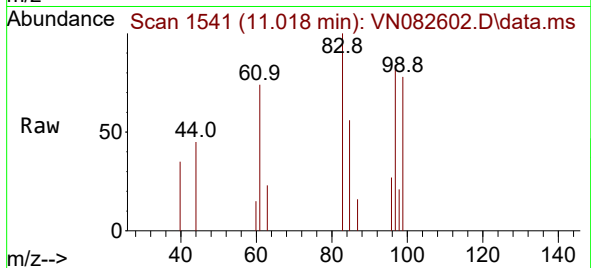
Ion Ratio Lower Upper

97 100

83 118.7 71.4 107.0#

85 66.1 45.8 68.6

99 92.1 52.0 78.0#



#56

Ethyl methacrylate

Concen: 0.824 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

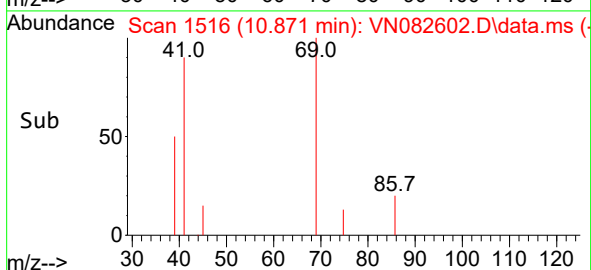
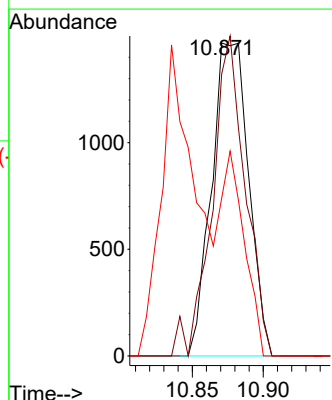
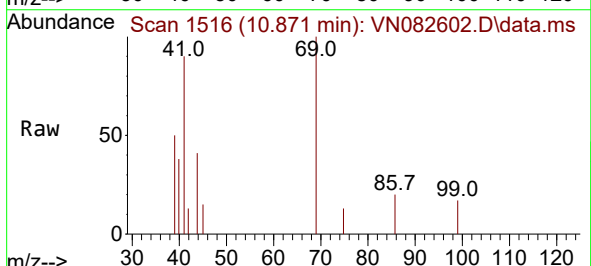
Tgt Ion: 69 Resp: 2672

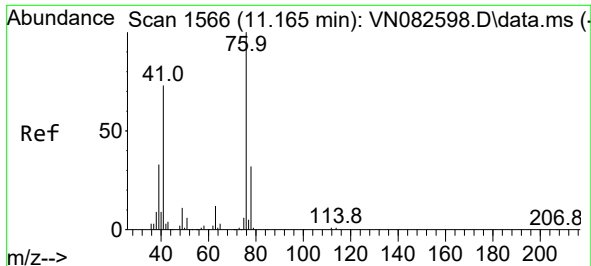
Ion Ratio Lower Upper

69 100

41 91.3 63.4 95.2

39 41.8 37.4 56.0





#57

1,3-Dichloropropane

Concen: 0.980 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

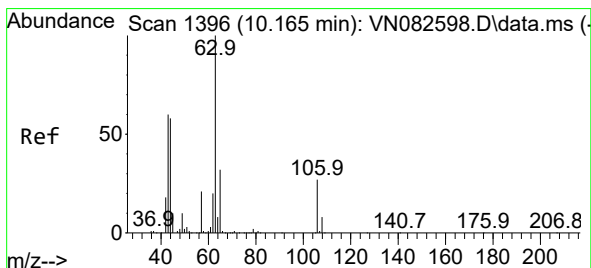
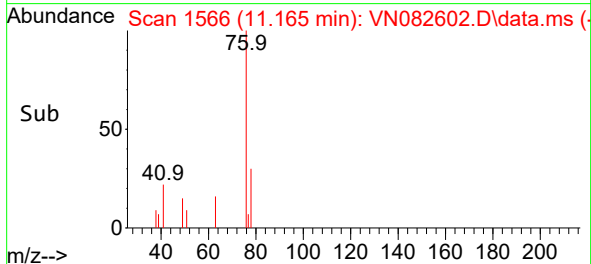
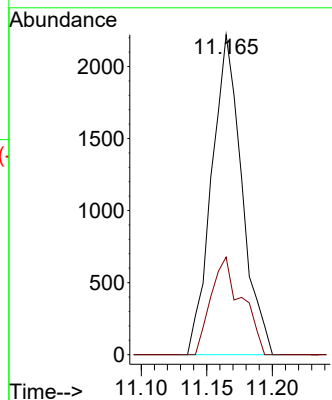
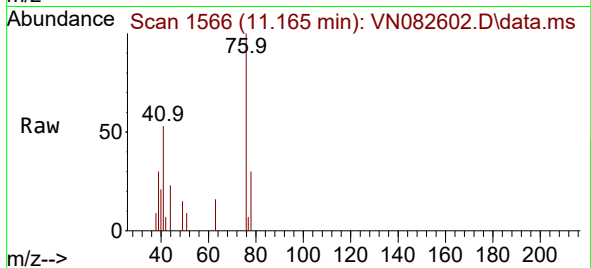
VSTDICC001

Tgt Ion: 76 Resp: 3549

Ion Ratio Lower Upper

76 100

78 31.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 4.332 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN082602.D

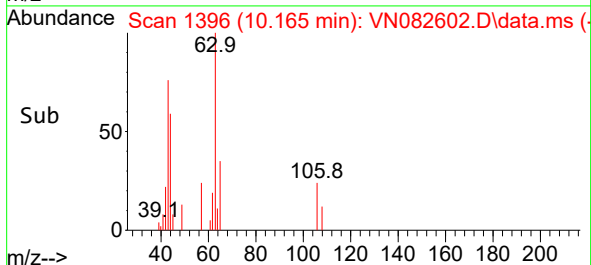
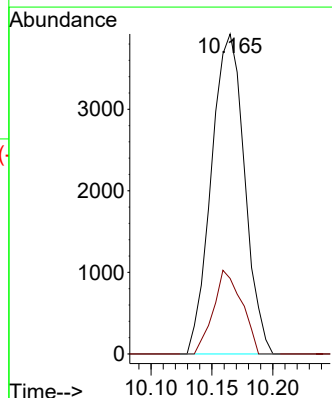
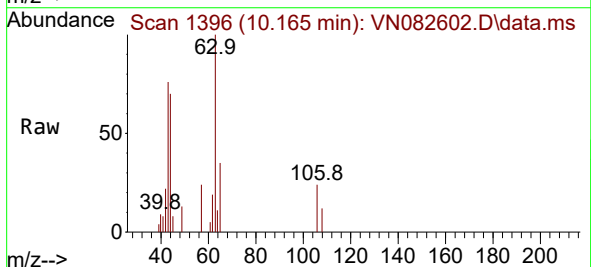
Acq: 17 Jun 2024 11:41

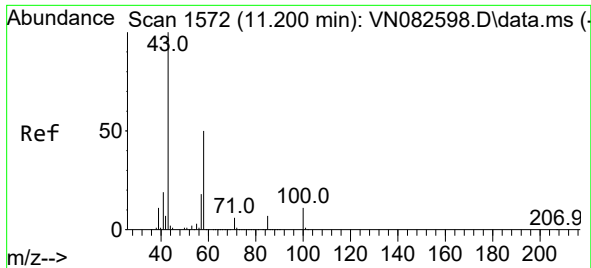
Tgt Ion: 63 Resp: 7435

Ion Ratio Lower Upper

63 100

106 22.4 21.4 32.0

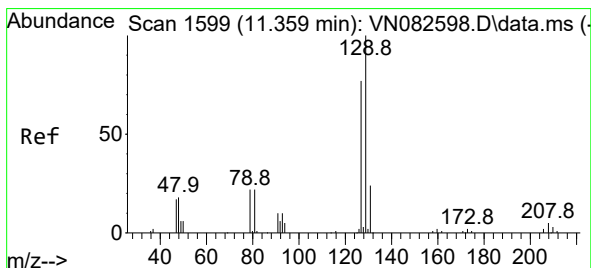
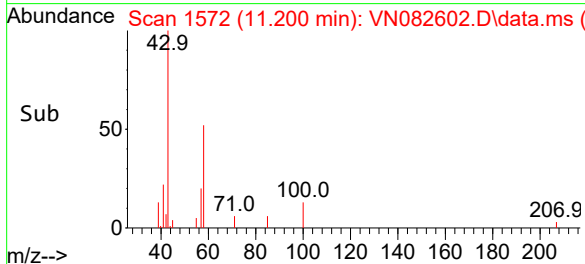
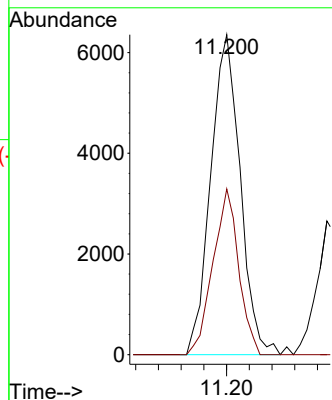
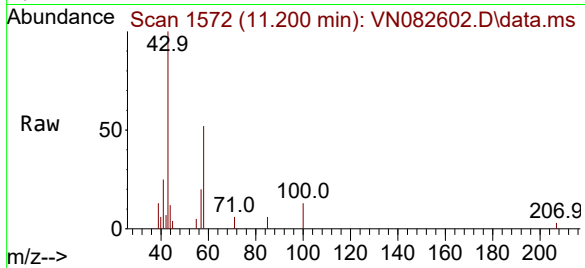




#59
2-Hexanone
Concen: 4.270 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

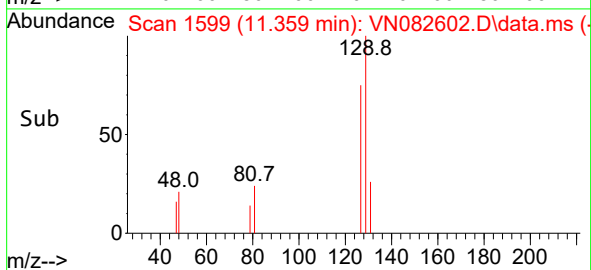
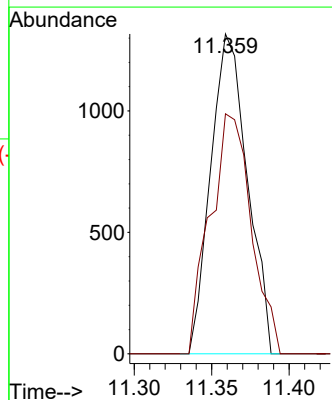
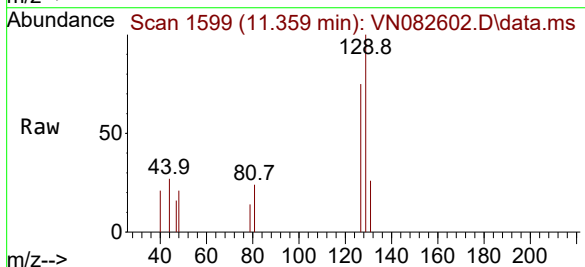
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

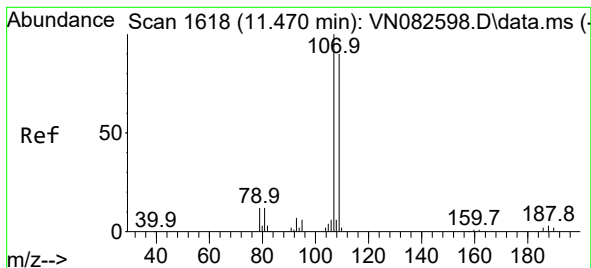
Tgt Ion: 43 Resp: 11451
Ion Ratio Lower Upper
43 100
58 45.1 24.6 73.8



#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 129 Resp: 2170
Ion Ratio Lower Upper
129 100
127 84.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 0.977 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

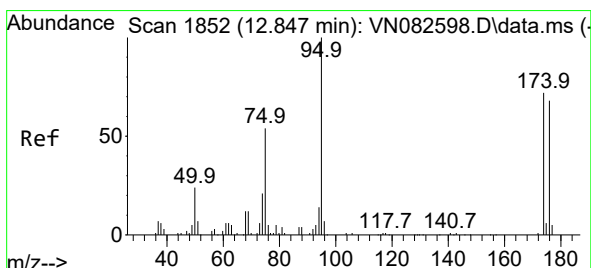
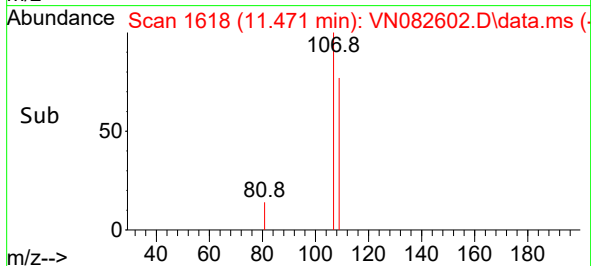
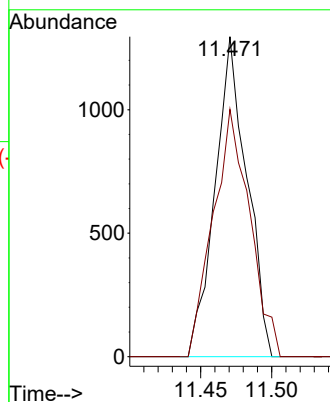
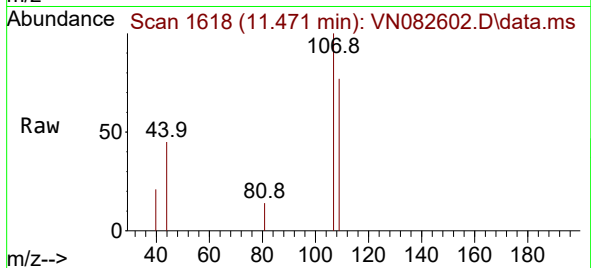
VSTDIC001

Tgt Ion:107 Resp: 2017

Ion Ratio Lower Upper

107 100

109 89.3 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 0.982 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

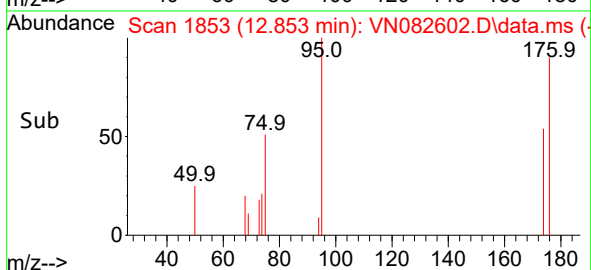
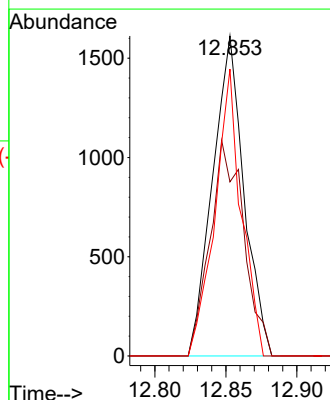
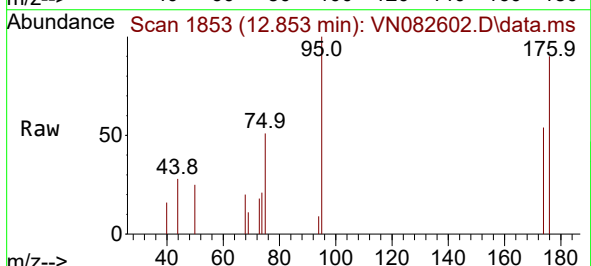
Tgt Ion: 95 Resp: 2474

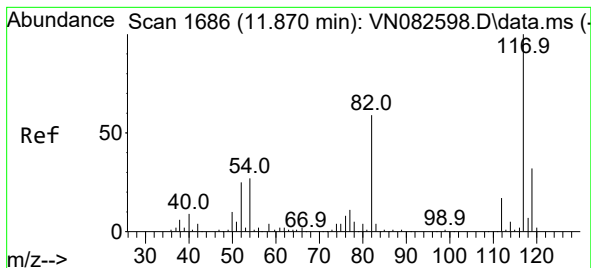
Ion Ratio Lower Upper

95 100

174 72.4 0.0 159.2

176 75.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

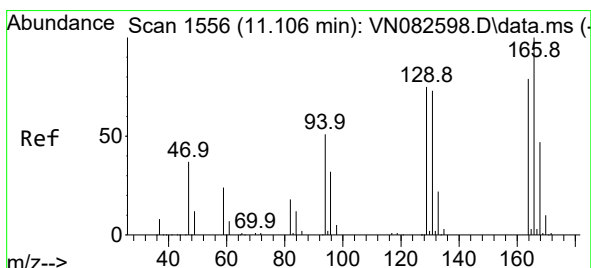
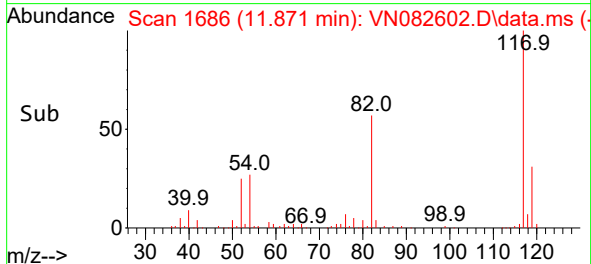
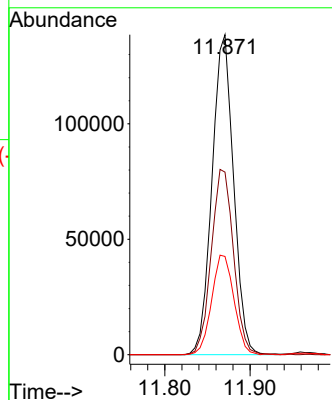
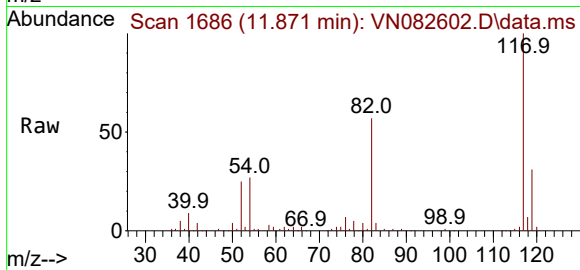
Tgt Ion:117 Resp: 243494

Ion Ratio Lower Upper

117 100

82 57.1 47.5 71.3

119 30.7 25.6 38.4



#64

Tetrachloroethene

Concen: 1.201 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:164 Resp: 2411

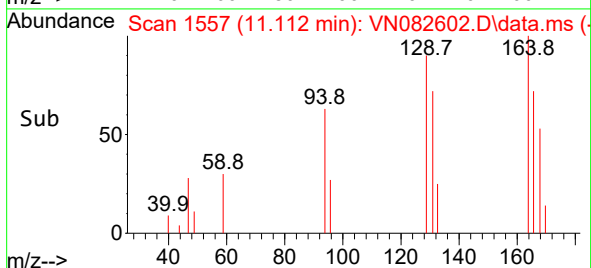
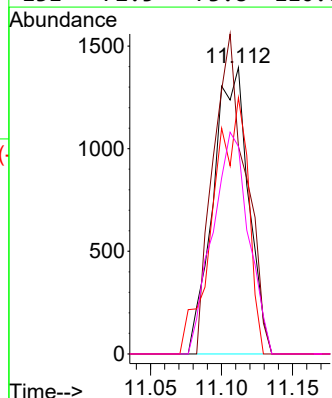
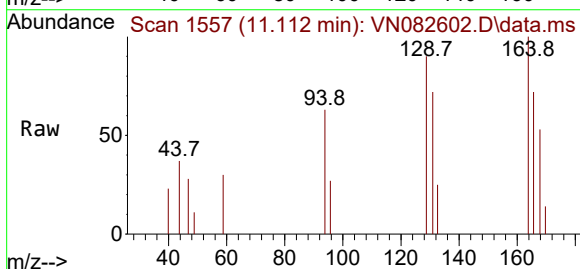
Ion Ratio Lower Upper

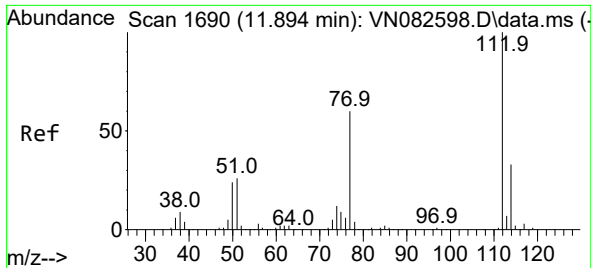
164 100

166 72.5 101.4 152.0#

129 89.5 75.7 113.5

131 72.5 73.8 110.6#

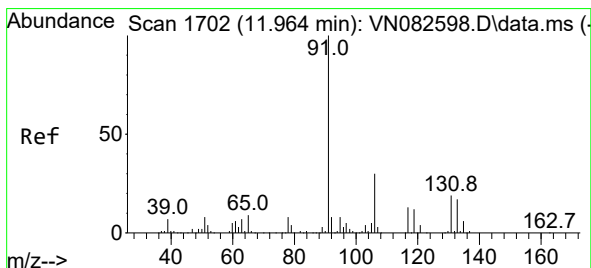
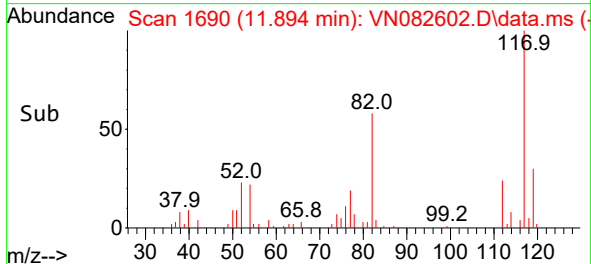
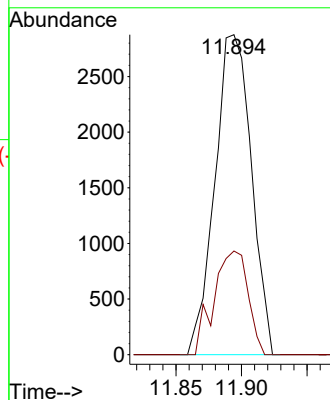
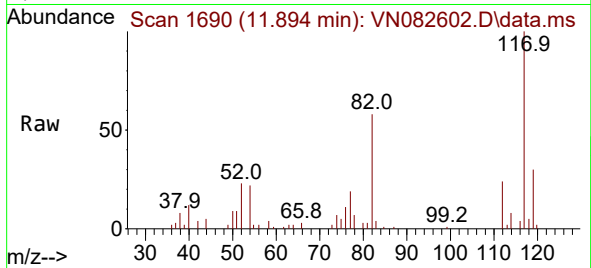




#65
Chlorobenzene
Concen: 0.997 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

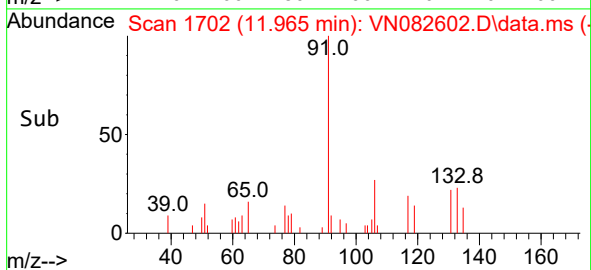
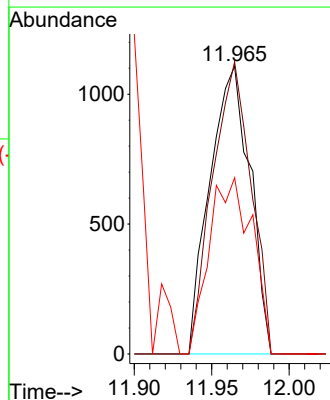
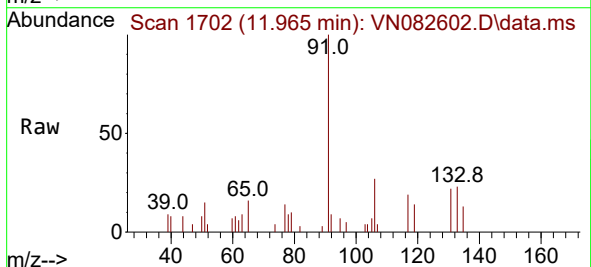
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

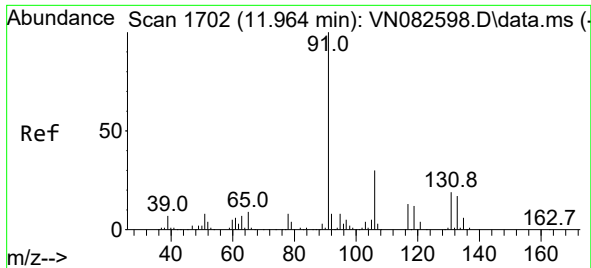
Tgt Ion:112 Resp: 5565
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.003 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:131 Resp: 1998
Ion Ratio Lower Upper
131 100
133 97.6 47.3 142.0
119 0.0 32.5 97.4#

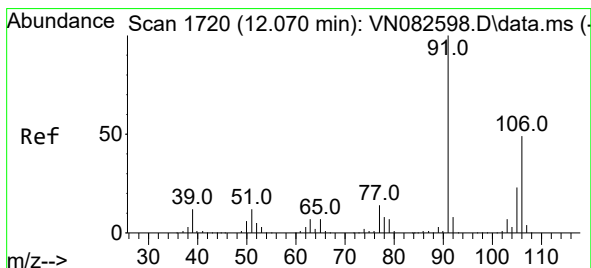
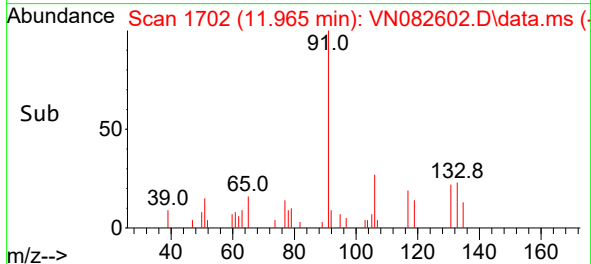
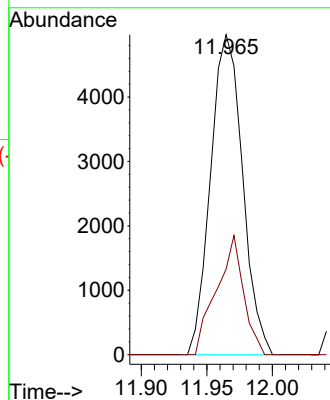
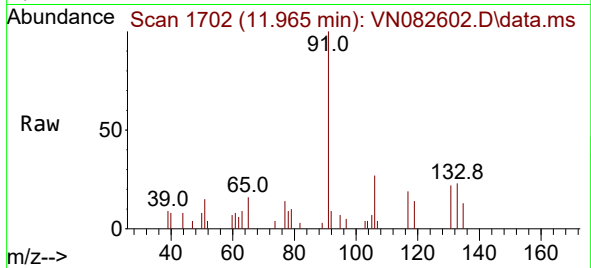




#67
Ethyl Benzene
Concen: 0.885 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

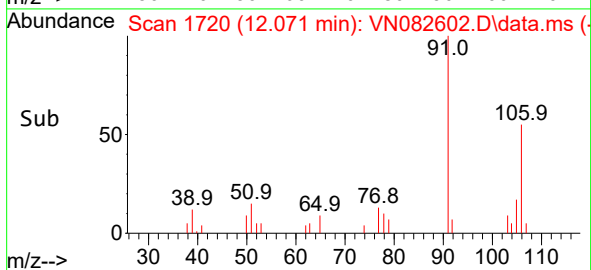
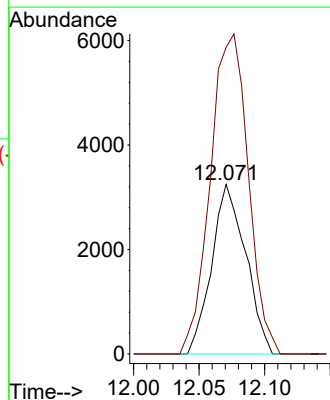
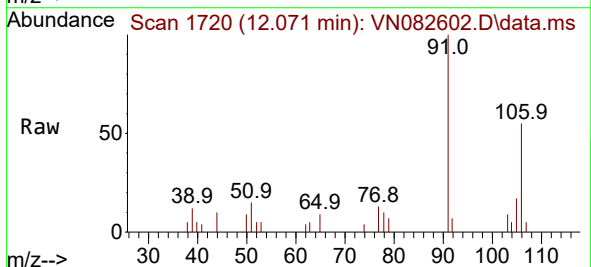
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

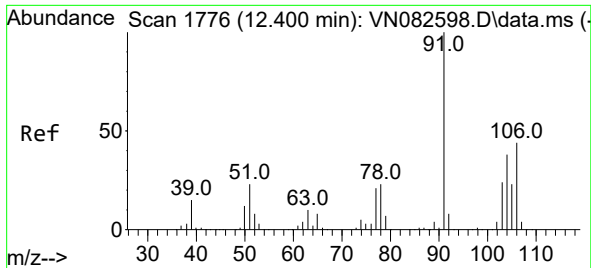
Tgt Ion: 91 Resp: 8421
Ion Ratio Lower Upper
91 100
106 26.7 24.0 36.0



#68
m/p-Xylenes
Concen: 1.651 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 106 Resp: 5844
Ion Ratio Lower Upper
106 100
91 210.6 166.1 249.1

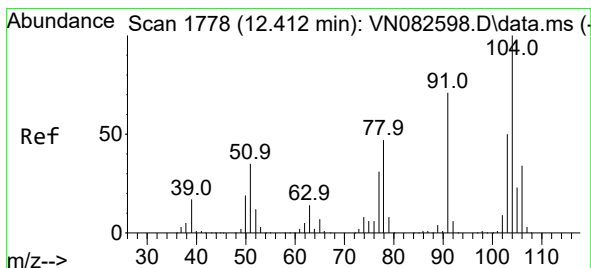
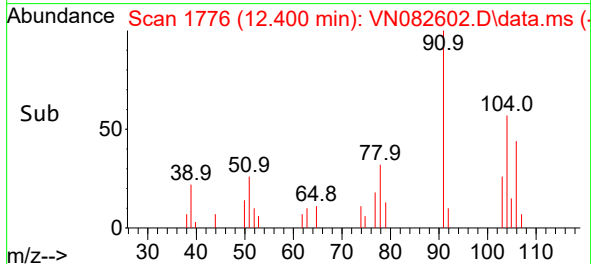
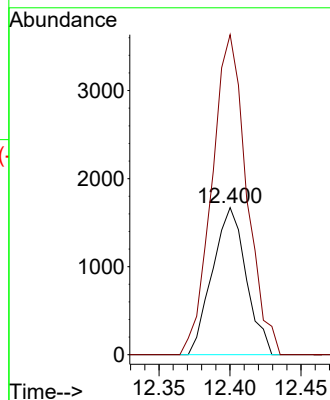
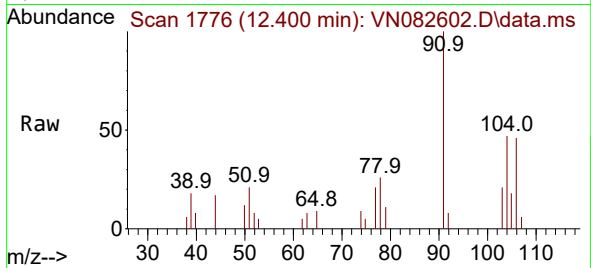




#69
o-Xylene
Concen: 0.830 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

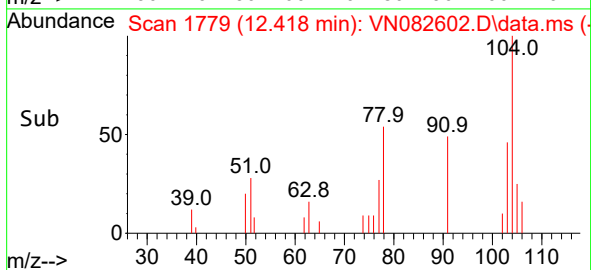
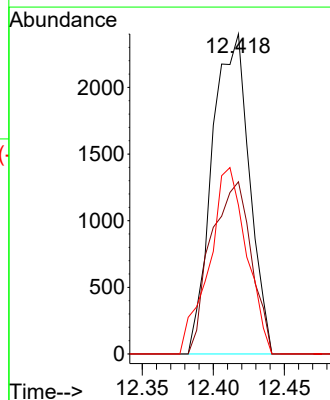
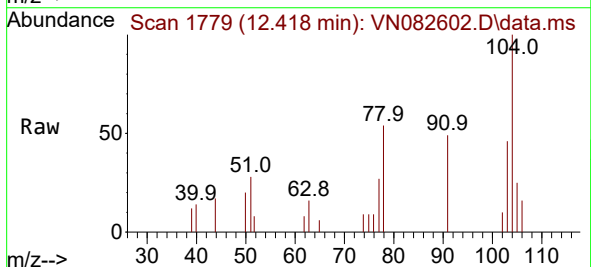
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

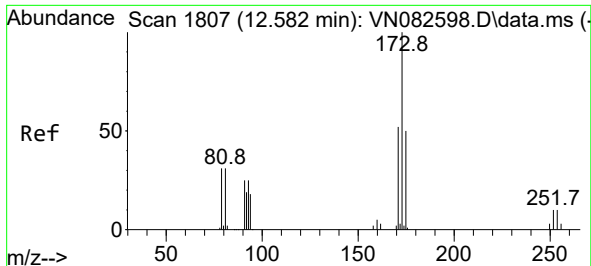
Tgt Ion:106 Resp: 2760
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.9



#70
Styrene
Concen: 0.774 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:104 Resp: 4367
Ion Ratio Lower Upper
104 100
78 58.7 41.6 62.4
103 58.7 44.0 66.0

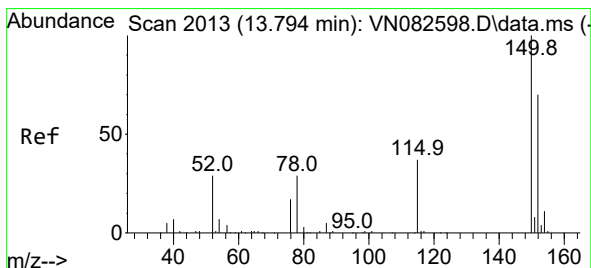
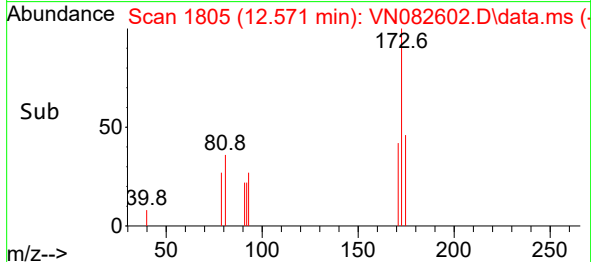
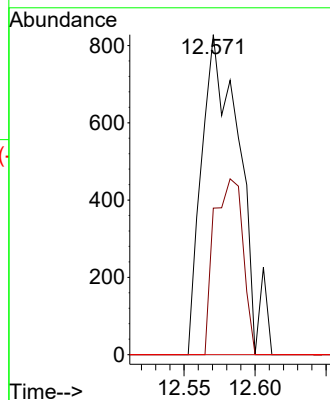
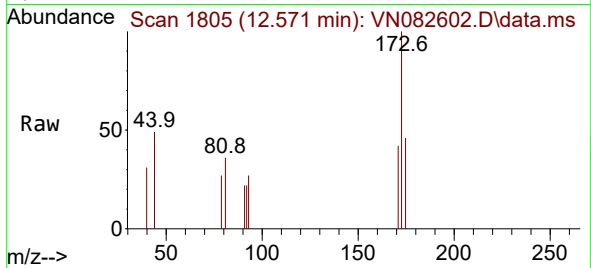




#71
Bromoform
Concen: 0.974 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. -0.012 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

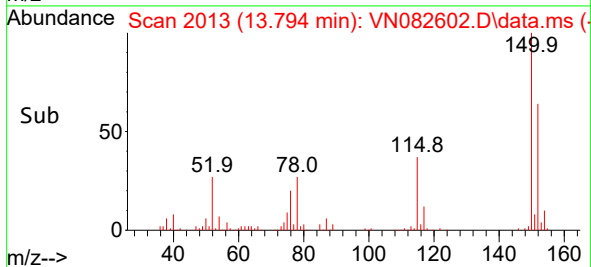
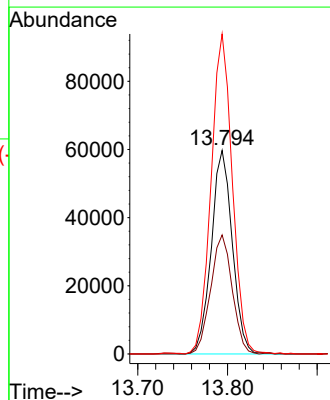
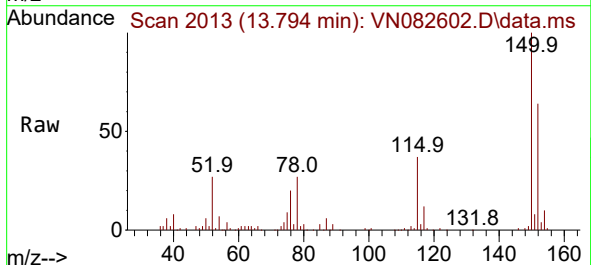
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

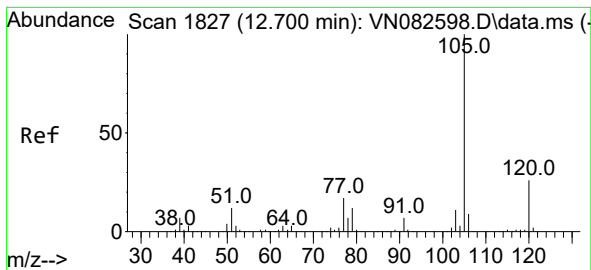
Tgt Ion:173 Resp: 1534
Ion Ratio Lower Upper
173 100
175 41.7 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:152 Resp: 97271
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 158.5 0.0 348.6





#73

Isopropylbenzene

Concen: 0.937 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

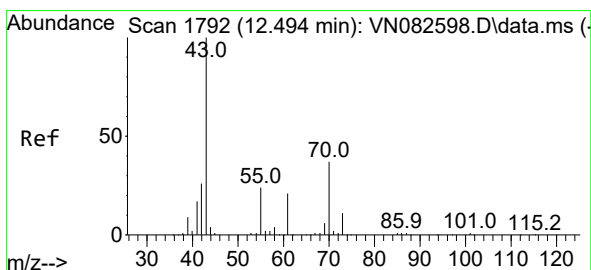
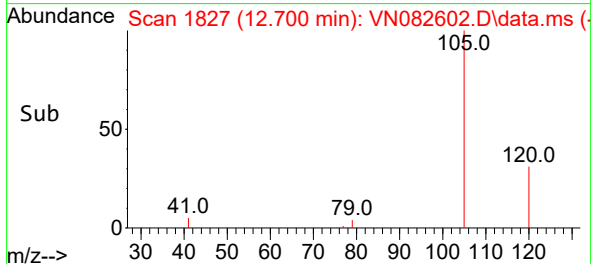
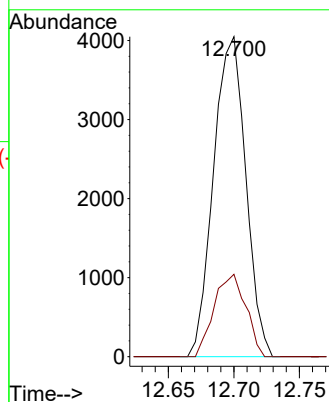
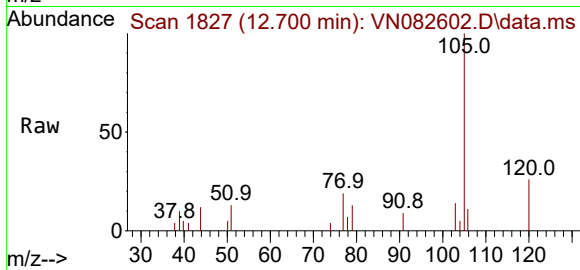
VSTDIC001

Tgt Ion:105 Resp: 6921

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.982 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion: 43 Resp: 3870

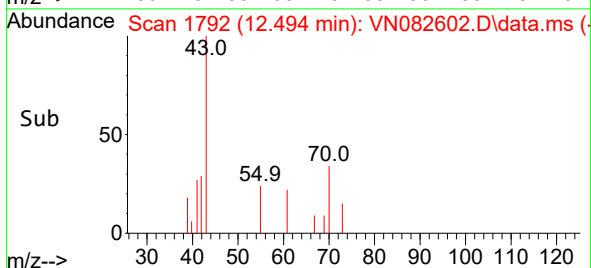
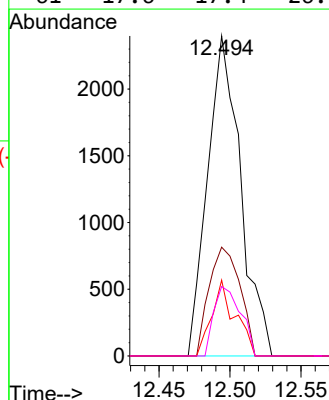
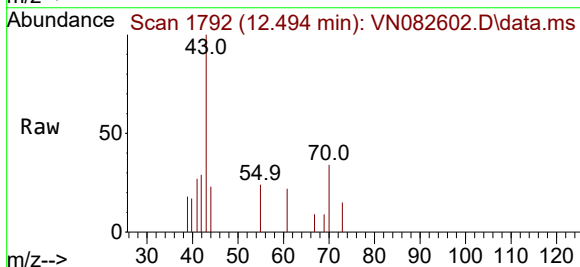
Ion Ratio Lower Upper

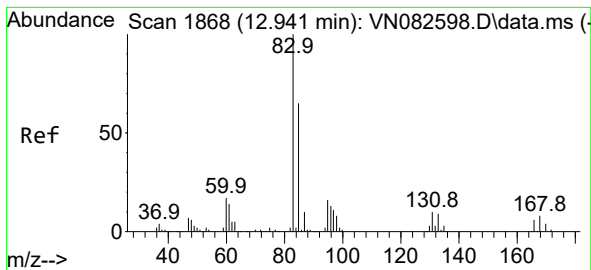
43 100

70 31.9 29.8 44.6

55 16.8 18.7 28.1#

61 17.6 17.4 26.0

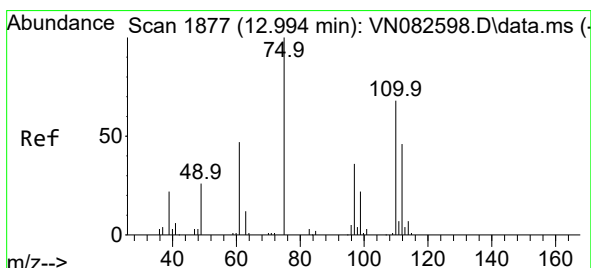
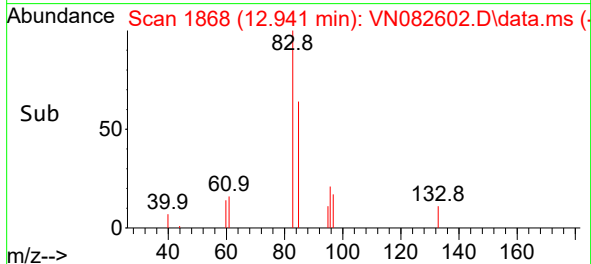
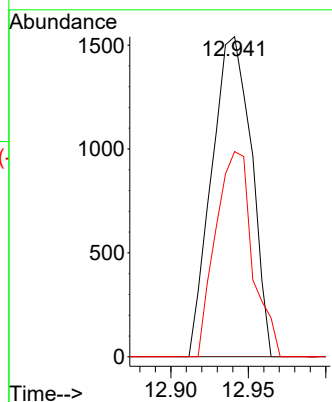
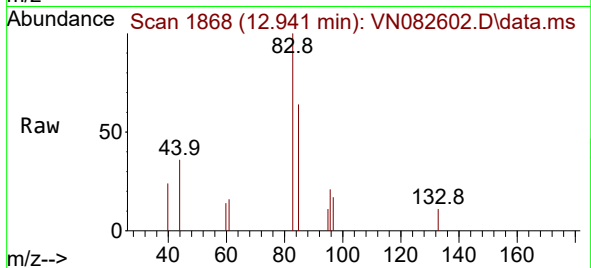




#75
1,1,2,2-Tetrachloroethane
Concen: 1.136 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

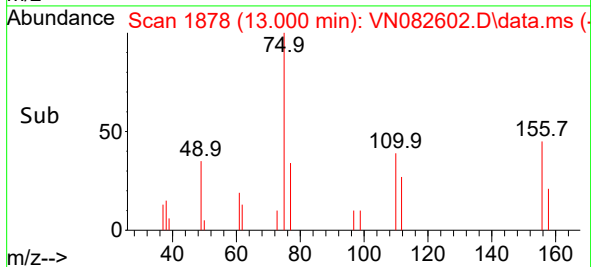
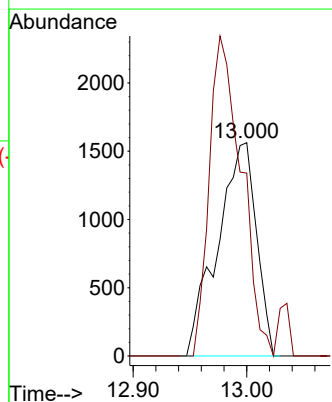
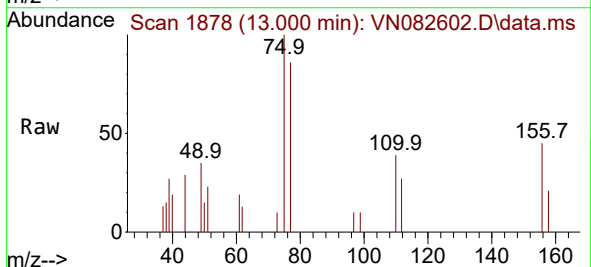
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

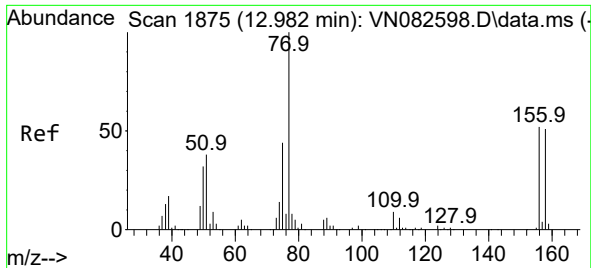
Tgt Ion: 83 Resp: 2738
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 59.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.565 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
77 0.0 110.9 332.6#

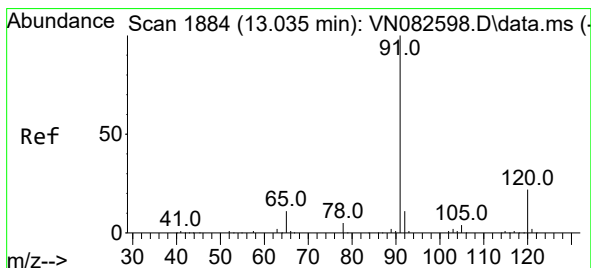
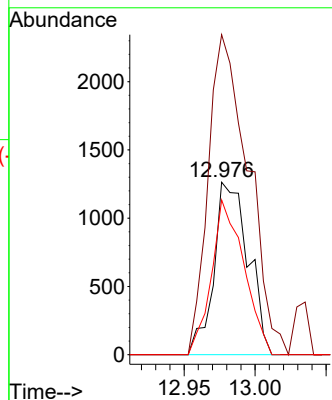
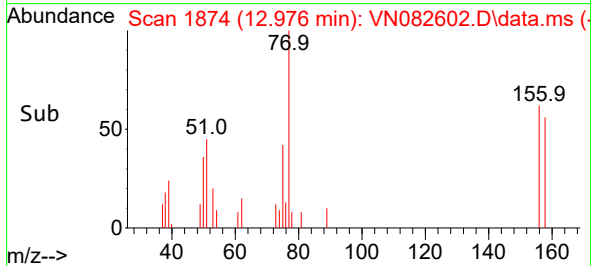
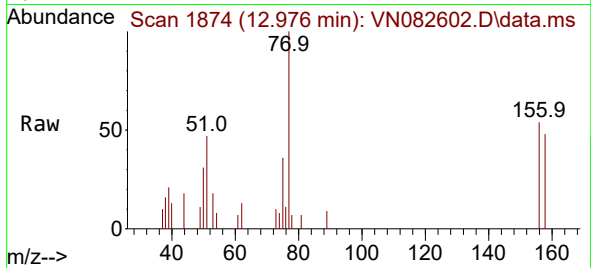




#77
Bromobenzene
Concen: 1.119 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

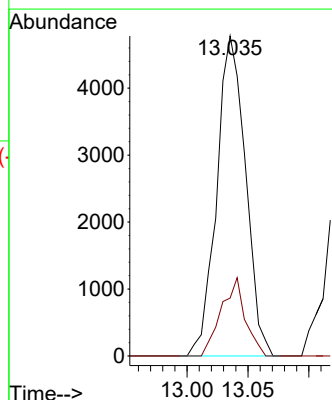
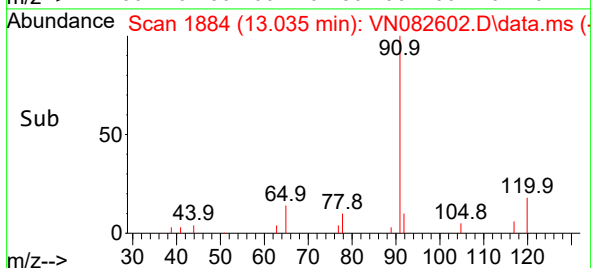
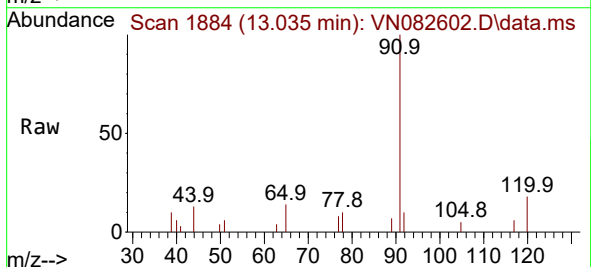
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

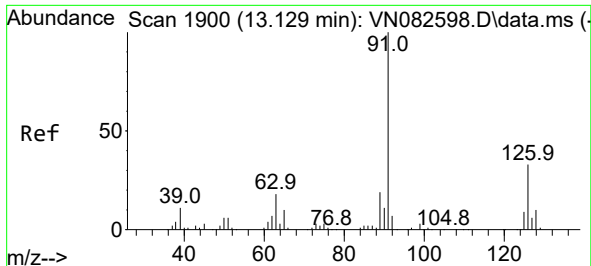
Tgt Ion:156 Resp: 2127
Ion Ratio Lower Upper
156 100
77 215.9 111.3 333.8
158 84.9 48.3 144.9



#78
n-propylbenzene
Concen: 0.901 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 91 Resp: 7871
Ion Ratio Lower Upper
91 100
120 20.4 10.9 32.9

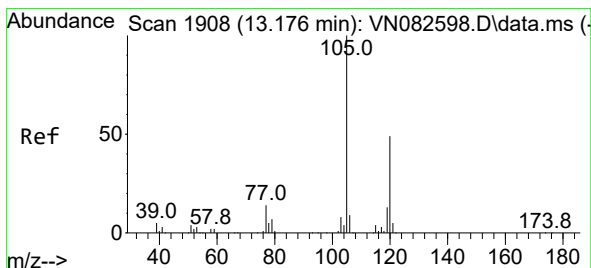
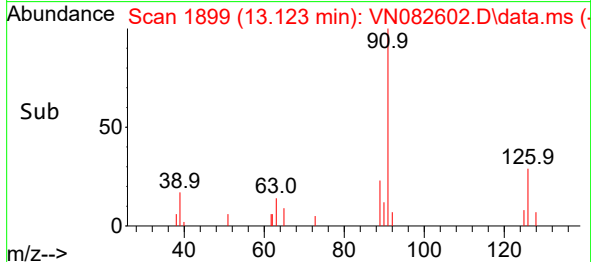
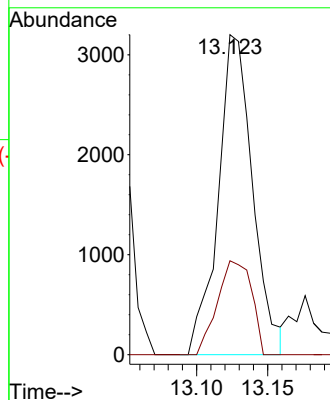
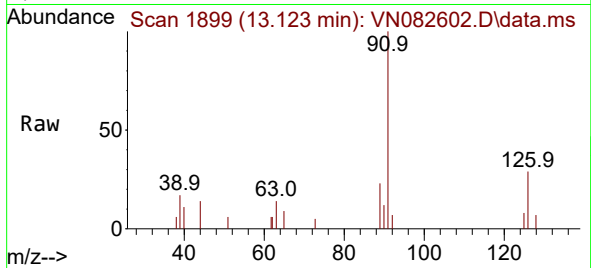




#79
2-Chlorotoluene
Concen: 0.986 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

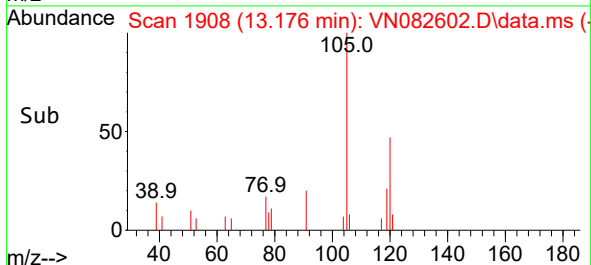
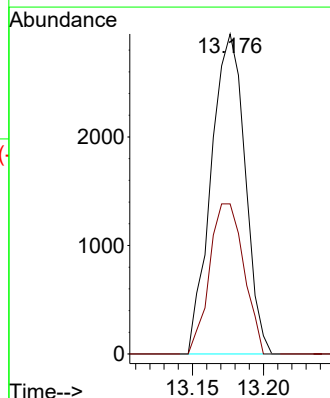
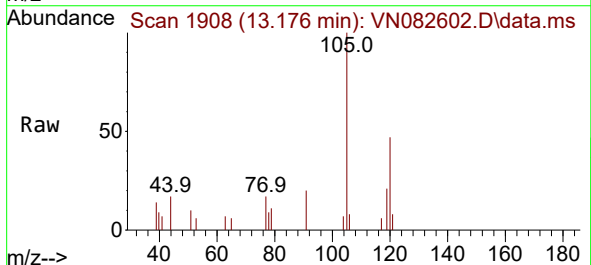
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

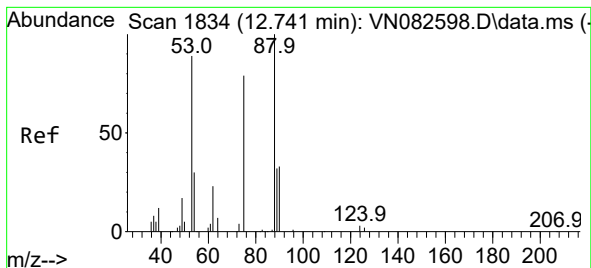
Tgt Ion: 91 Resp: 5402
Ion Ratio Lower Upper
91 100
126 29.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 0.816 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 105 Resp: 4894
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

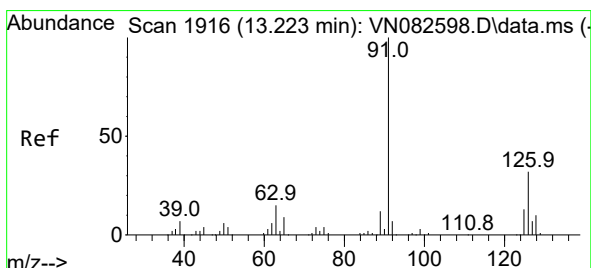
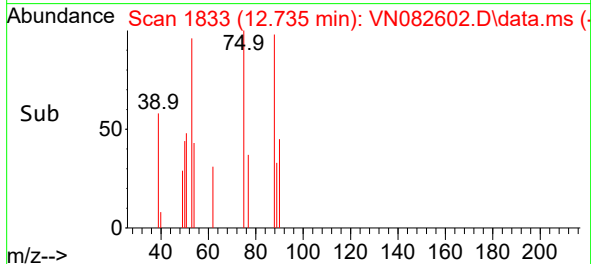
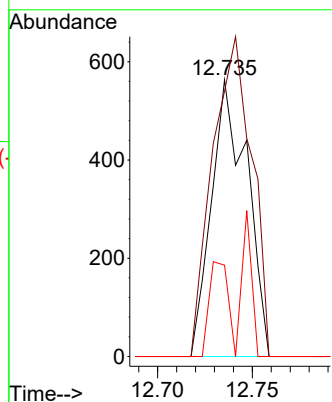
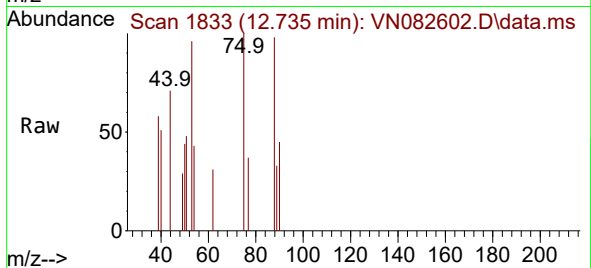




#81
trans-1,4-Dichloro-2-butene
Concen: 0.738 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

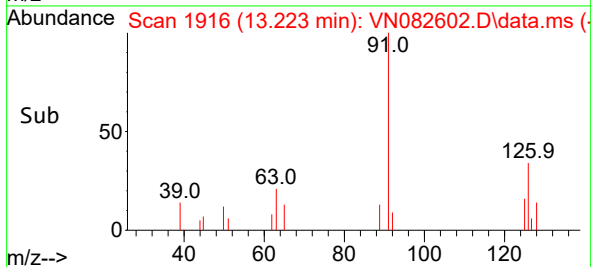
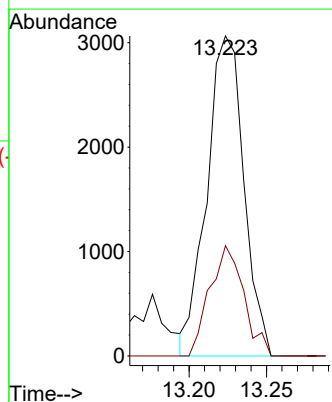
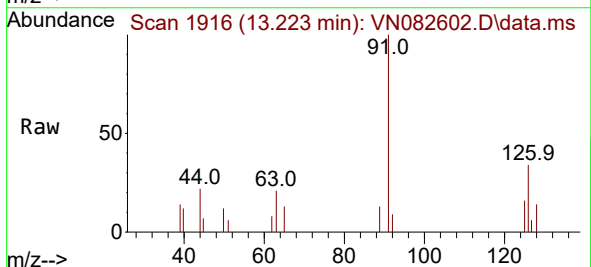
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

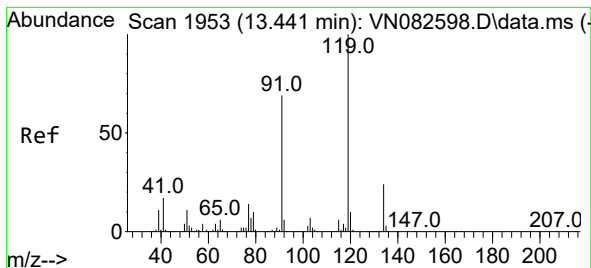
Tgt Ion: 75 Resp: 734
Ion Ratio Lower Upper
75 100
53 127.7 88.4 132.6
89 18.3 36.3 54.5#



#82
4-Chlorotoluene
Concen: 0.928 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion: 91 Resp: 5082
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 0.910 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

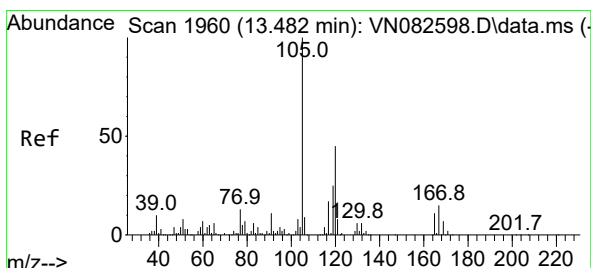
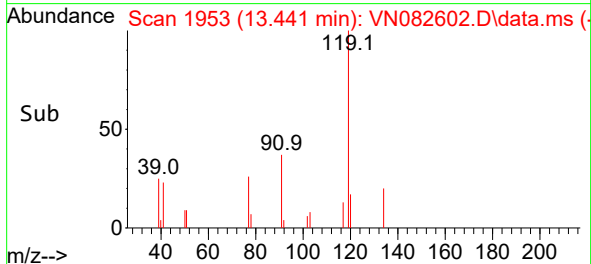
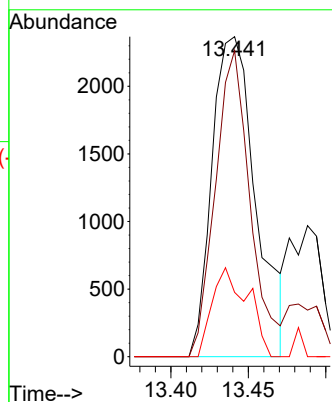
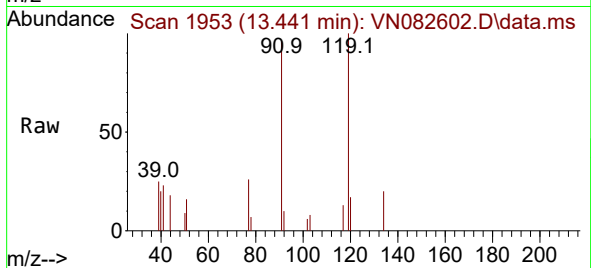
Tgt Ion:119 Resp: 4647

Ion Ratio Lower Upper

119 100

91 76.3 35.0 105.1

134 22.7 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 0.804 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082602.D

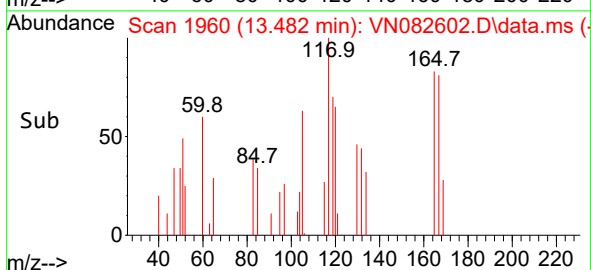
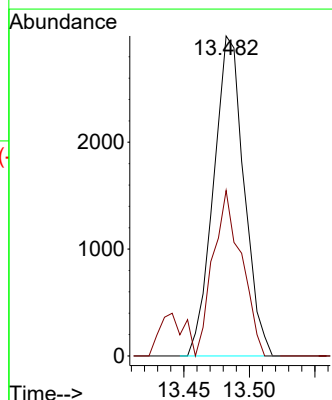
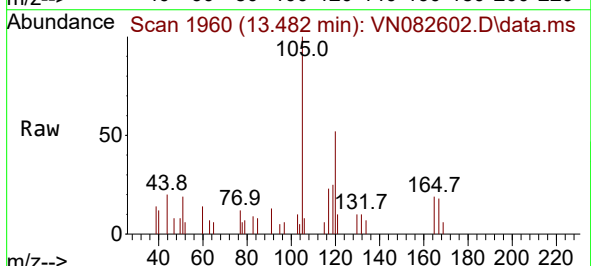
Acq: 17 Jun 2024 11:41

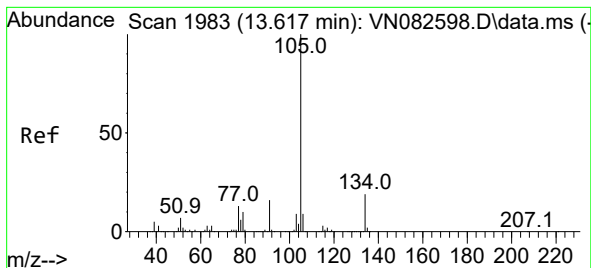
Tgt Ion:105 Resp: 4834

Ion Ratio Lower Upper

105 100

120 48.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.894 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

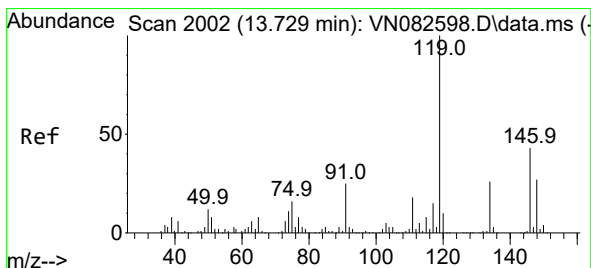
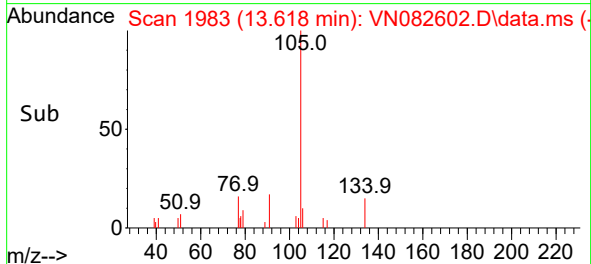
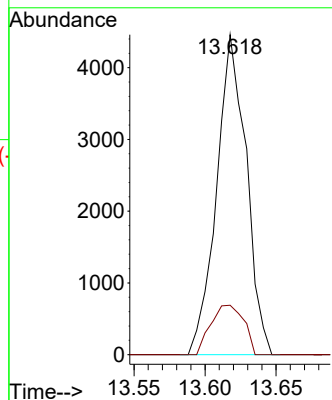
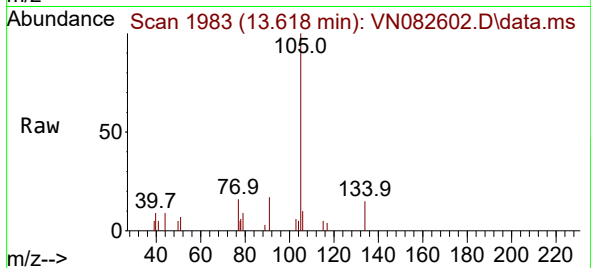
VSTDIC001

Tgt Ion:105 Resp: 6483

Ion Ratio Lower Upper

105 100

134 17.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.796 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

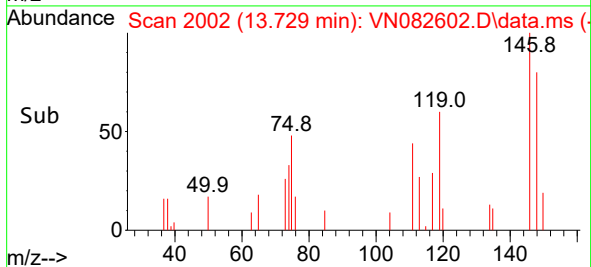
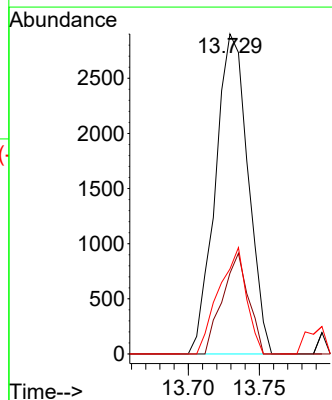
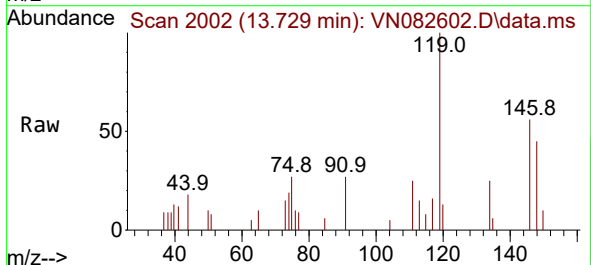
Tgt Ion:119 Resp: 4649

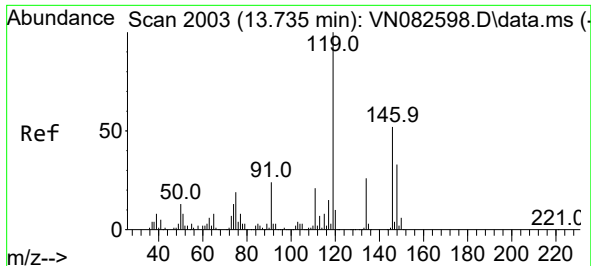
Ion Ratio Lower Upper

119 100

134 25.0 13.0 39.0

91 28.3 12.3 36.9

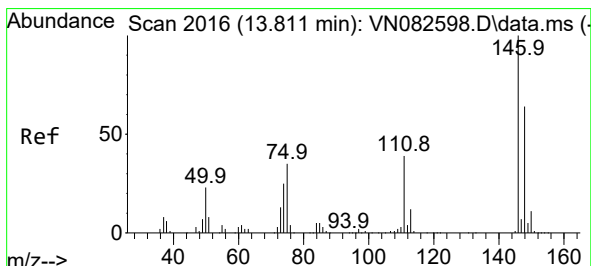
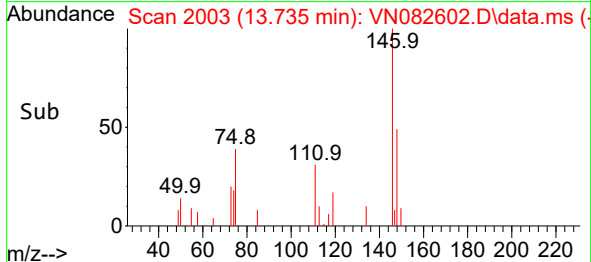
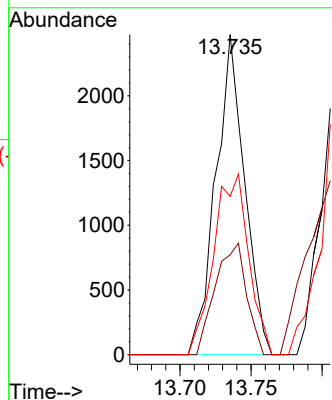
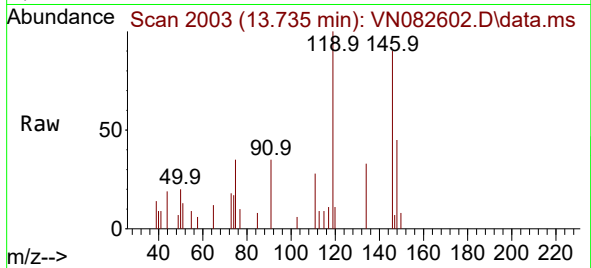




#87
1,3-Dichlorobenzene
Concen: 1.013 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

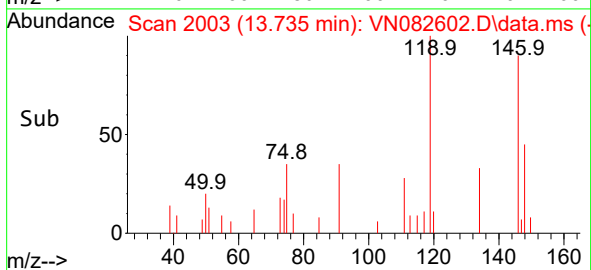
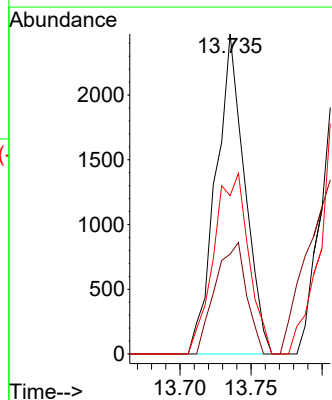
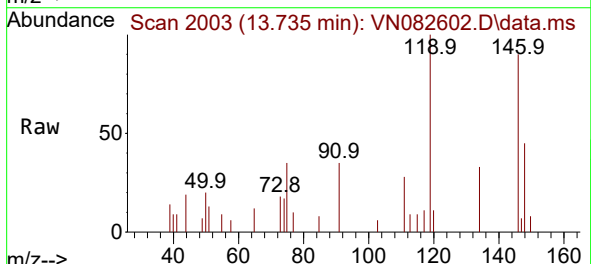
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

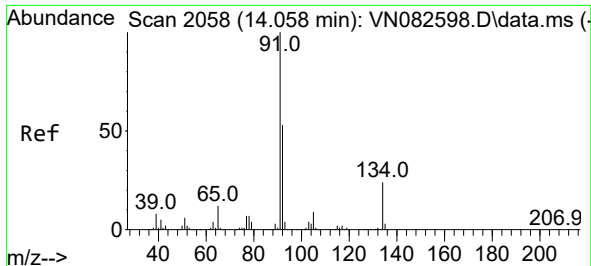
Tgt Ion:146 Resp: 3491
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.9
148 68.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.969 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN082602.D
Acq: 17 Jun 2024 11:41

Tgt Ion:146 Resp: 3491
Ion Ratio Lower Upper
146 100
111 37.7 20.1 60.3
148 68.2 32.2 96.6





#89

n-Butylbenzene

Concen: 0.887 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

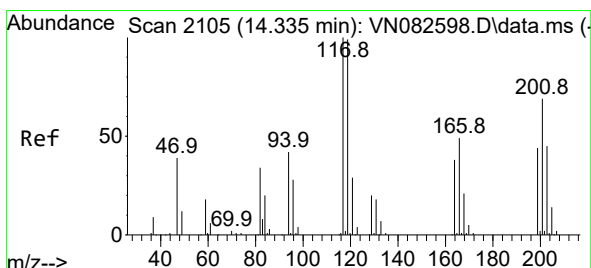
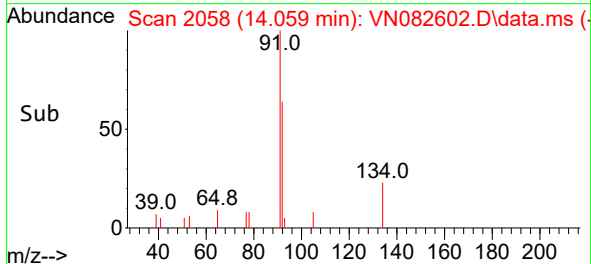
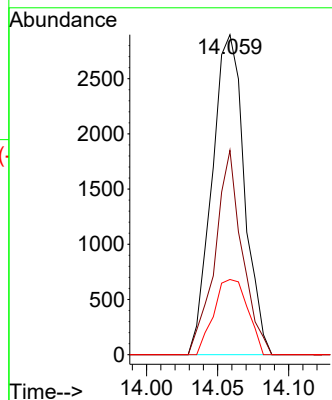
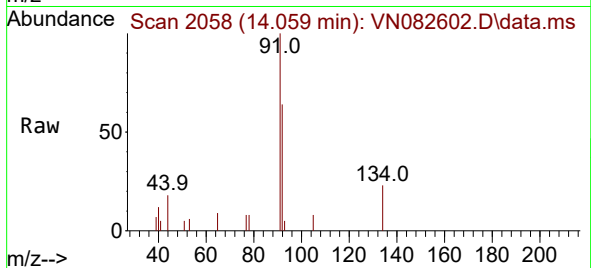
Tgt Ion: 91 Resp: 4594

Ion Ratio Lower Upper

91 100

92 53.8 26.1 78.3

134 24.6 12.1 36.3



#90

Hexachloroethane

Concen: 1.047 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN082602.D

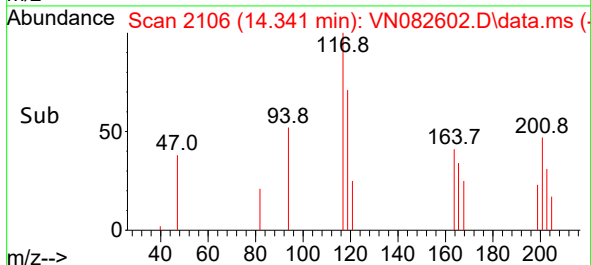
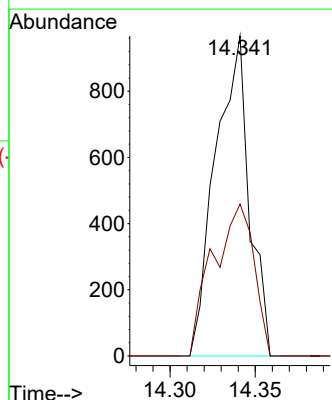
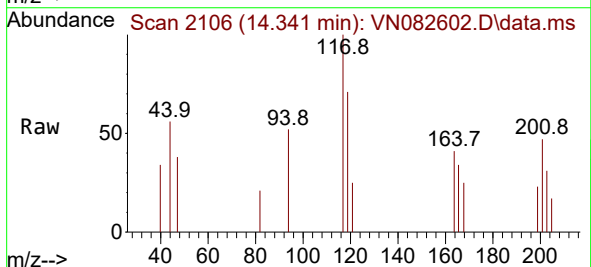
Acq: 17 Jun 2024 11:41

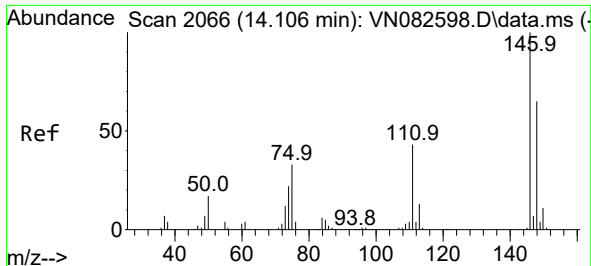
Tgt Ion: 117 Resp: 1330

Ion Ratio Lower Upper

117 100

201 57.8 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 1.065 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

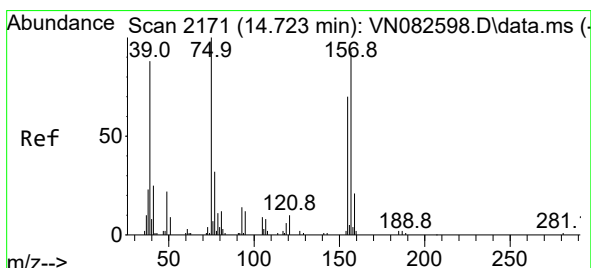
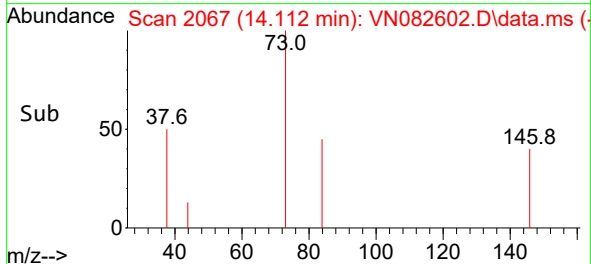
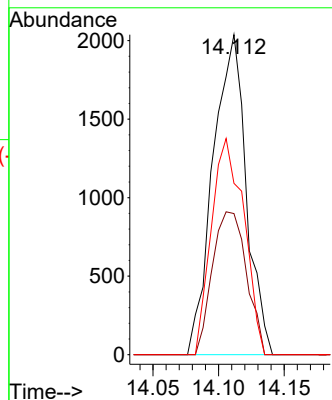
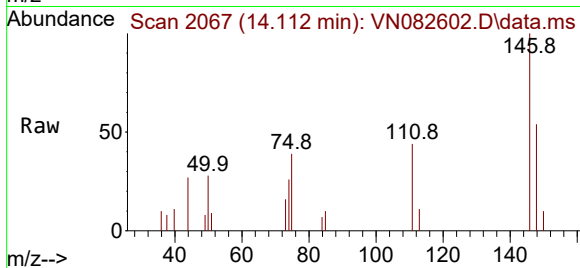
Tgt Ion:146 Resp: 3586

Ion Ratio Lower Upper

146 100

111 45.9 21.4 64.2

148 66.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.939 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

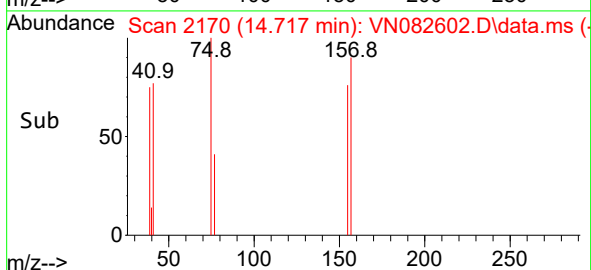
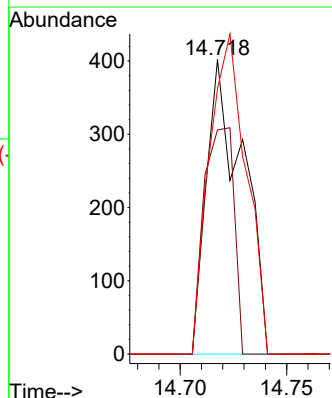
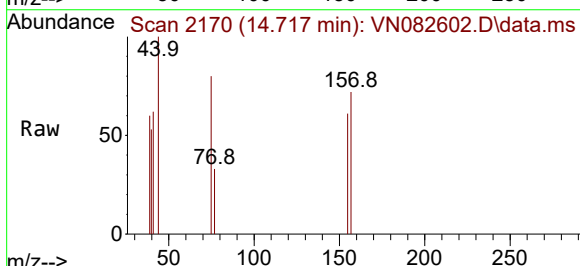
Tgt Ion: 75 Resp: 479

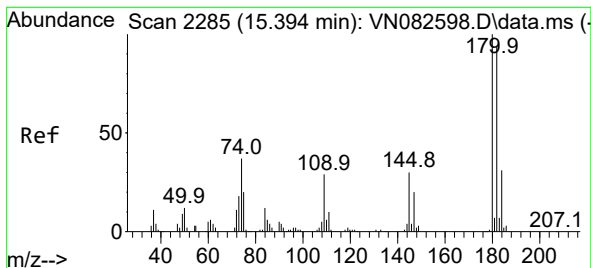
Ion Ratio Lower Upper

75 100

155 63.3 36.6 109.8

157 110.0 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 1.044 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

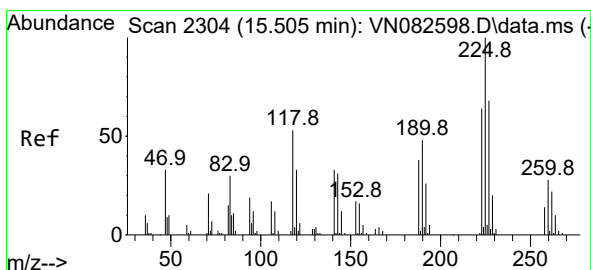
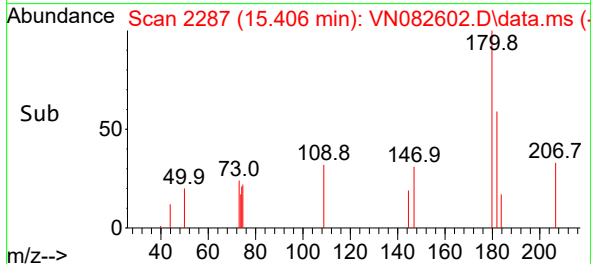
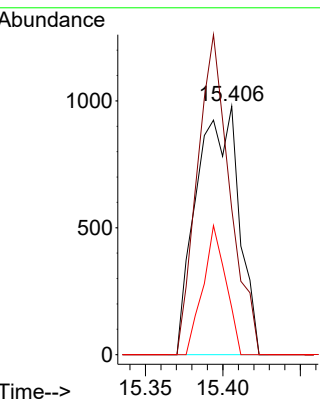
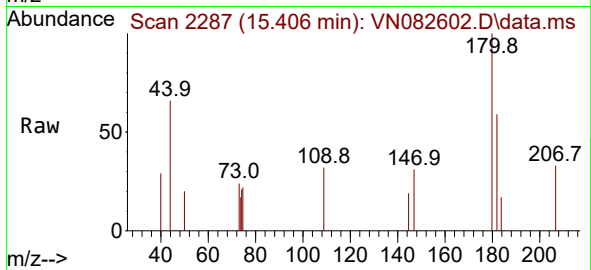
Tgt Ion:180 Resp: 1853

Ion Ratio Lower Upper

180 100

182 99.5 47.3 141.8

145 28.2 15.7 47.1



#94

Hexachlorobutadiene

Concen: 1.331 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

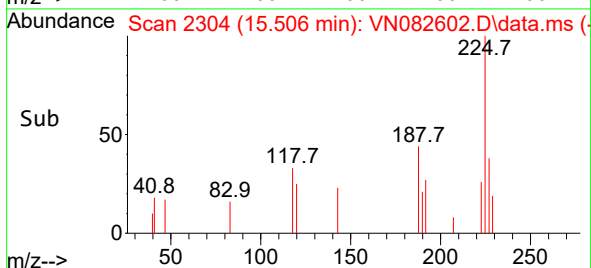
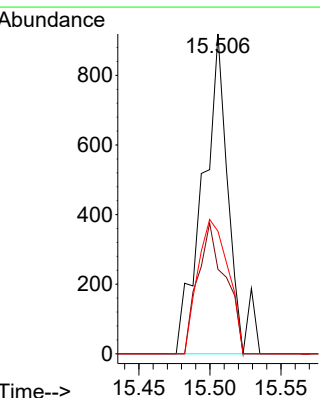
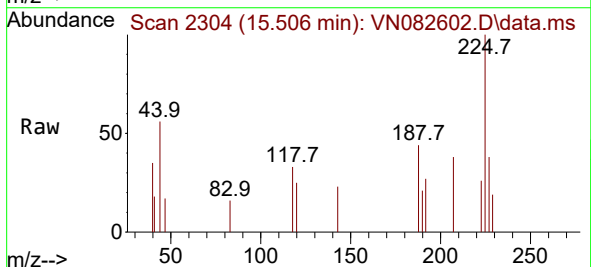
Tgt Ion:225 Resp: 1165

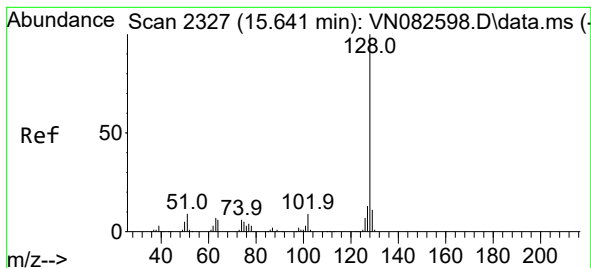
Ion Ratio Lower Upper

225 100

223 43.5 31.9 95.7

227 49.4 32.5 97.5





#95

Naphthalene

Concen: 0.919 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

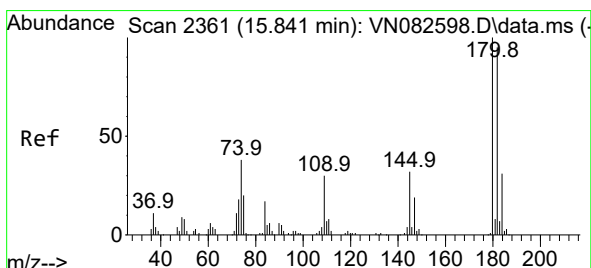
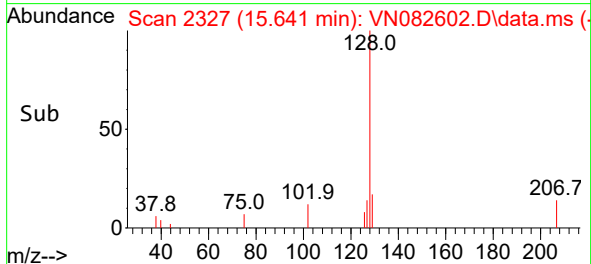
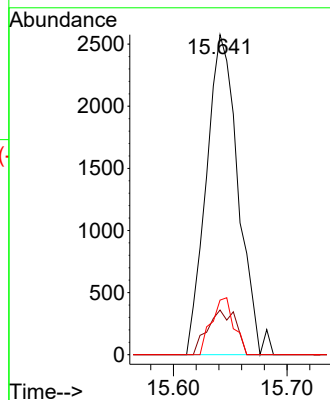
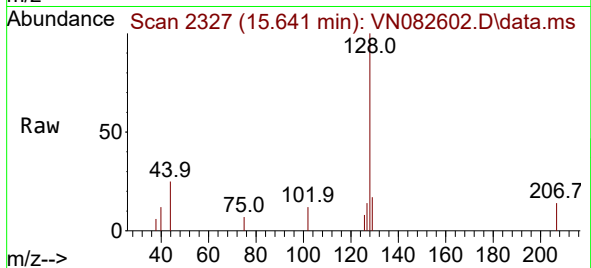
Tgt Ion:128 Resp: 5017

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 12.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 1.117 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN082602.D

Acq: 17 Jun 2024 11:41

Tgt Ion:180 Resp: 2020

Ion Ratio Lower Upper

180 100

182 82.1 48.9 146.8

145 34.5 16.8 50.4

