

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082867.D
 Acq On : 11 Jul 2024 11:20
 Operator : JC\MD
 Sample : VN0711WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

Quant Time: Jul 12 01:03:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110501	51.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.420%	
35) Dibromofluoromethane	8.171	113	85622	51.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	10.571	98	314750	50.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.847	95	106836	48.111	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37372	18.937	ug/l	94
3) Chloromethane	2.359	50	31908	17.049	ug/l	94
4) Vinyl Chloride	2.512	62	35753	18.190	ug/l	98
5) Bromomethane	2.959	94	23325	16.459	ug/l	91
6) Chloroethane	3.118	64	22893	17.020	ug/l	99
7) Trichlorofluoromethane	3.495	101	48456	17.140	ug/l	94
8) Diethyl Ether	3.965	74	17233	17.811	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	28372	17.732	ug/l	96
10) Methyl Iodide	4.589	142	28584	17.425	ug/l	96
11) Tert butyl alcohol	5.530	59	31652	88.070	ug/l	99
12) 1,1-Dichloroethene	4.342	96	26116	16.783	ug/l	84
13) Acrolein	4.183	56	21725	83.727	ug/l	97
14) Allyl chloride	5.024	41	42635	17.573	ug/l	93
15) Acrylonitrile	5.718	53	73077	88.477	ug/l	99
16) Acetone	4.430	43	62032	82.456	ug/l #	89
17) Carbon Disulfide	4.712	76	71890	15.461	ug/l	96
18) Methyl Acetate	5.024	43	34005	17.082	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	98672	18.383	ug/l	97
20) Methylene Chloride	5.283	84	32039	17.635	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	29655	17.588	ug/l	92
22) Diisopropyl ether	6.677	45	95476	18.810	ug/l #	94
23) Vinyl Acetate	6.606	43	373757	92.722	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	57126	18.554	ug/l	98
25) 2-Butanone	7.482	43	101740	89.564	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	53977	18.855	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	36675	18.579	ug/l	90
28) Bromochloromethane	7.812	49	25674	19.438	ug/l #	79
29) Tetrahydrofuran	7.841	42	64429	90.093	ug/l #	85
30) Chloroform	7.965	83	60616	18.558	ug/l	97
31) Cyclohexane	8.259	56	47411	16.971	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	57789	19.056	ug/l	96
36) 1,1-Dichloropropene	8.371	75	41469	17.970	ug/l	97
37) Ethyl Acetate	7.565	43	37778	16.080	ug/l #	94
38) Carbon Tetrachloride	8.365	117	50913	18.324	ug/l	98
39) Methylcyclohexane	9.600	83	41584	16.682	ug/l	93
40) Benzene	8.606	78	129763	18.281	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21326	16.849	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	47445	18.566	ug/l	97
43) Isopropyl Acetate	8.688	43	75712	15.015	ug/l #	95
44) Trichloroethene	9.353	130	31672	17.416	ug/l	96
45) 1,2-Dichloropropane	9.624	63	30728	18.542	ug/l	97
46) Dibromomethane	9.712	93	23748	18.394	ug/l	98
47) Bromodichloromethane	9.888	83	49117	18.412	ug/l	100
48) Methyl methacrylate	9.682	41	32275	17.520	ug/l #	87
49) 1,4-Dioxane	9.694	88	13306	327.161	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	212095	91.061	ug/l	94
52) Toluene	10.629	92	82232	18.545	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	50105	18.232	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	53353	18.342	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	30908	18.956	ug/l	99
56) Ethyl methacrylate	10.871	69	47721	18.812	ug/l	88
57) 1,3-Dichloropropane	11.165	76	53039	18.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	136478	104.847	ug/l	94
59) 2-Hexanone	11.194	43	158616	91.596	ug/l	93
60) Dibromochloromethane	11.359	129	38910	18.736	ug/l	97
61) 1,2-Dibromoethane	11.470	107	32074	18.523	ug/l	99
64) Tetrachloroethene	11.106	164	31581	18.222	ug/l	93
65) Chlorobenzene	11.894	112	90261	18.132	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	31993	18.069	ug/l	96
67) Ethyl Benzene	11.965	91	151532	18.112	ug/l	98
68) m/p-Xylenes	12.070	106	115244	36.486	ug/l	99
69) o-Xylene	12.400	106	56249	18.585	ug/l	95
70) Styrene	12.412	104	92319	18.461	ug/l	99
71) Bromoform	12.582	173	25228	18.117	ug/l #	99
73) Isopropylbenzene	12.694	105	141471	18.593	ug/l	99
74) N-amyl acetate	12.494	43	59211	18.814	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	40779	17.895	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	58801	32.572	ug/l	39
77) Bromobenzene	12.982	156	36078	18.380	ug/l	90
78) n-propylbenzene	13.035	91	159577	18.241	ug/l	98
79) 2-Chlorotoluene	13.123	91	102228	18.340	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	115345	18.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18043	19.657	ug/l	91
82) 4-Chlorotoluene	13.223	91	101451	18.388	ug/l	100
83) tert-Butylbenzene	13.441	119	100069	18.353	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	117260	18.706	ug/l	99
85) sec-Butylbenzene	13.617	105	132725	18.013	ug/l	100
86) p-Isopropyltoluene	13.729	119	109047	17.738	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62392	17.595	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	62369	17.007	ug/l	98
89) n-Butylbenzene	14.059	91	90902	17.260	ug/l	99
90) Hexachloroethane	14.335	117	22438	17.250	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	61945	17.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9245	17.537	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	31630	17.056	ug/l	100
94) Hexachlorobutadiene	15.500	225	13103	15.938	ug/l	99
95) Naphthalene	15.641	128	110680	17.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32296	16.937	ug/l	96

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

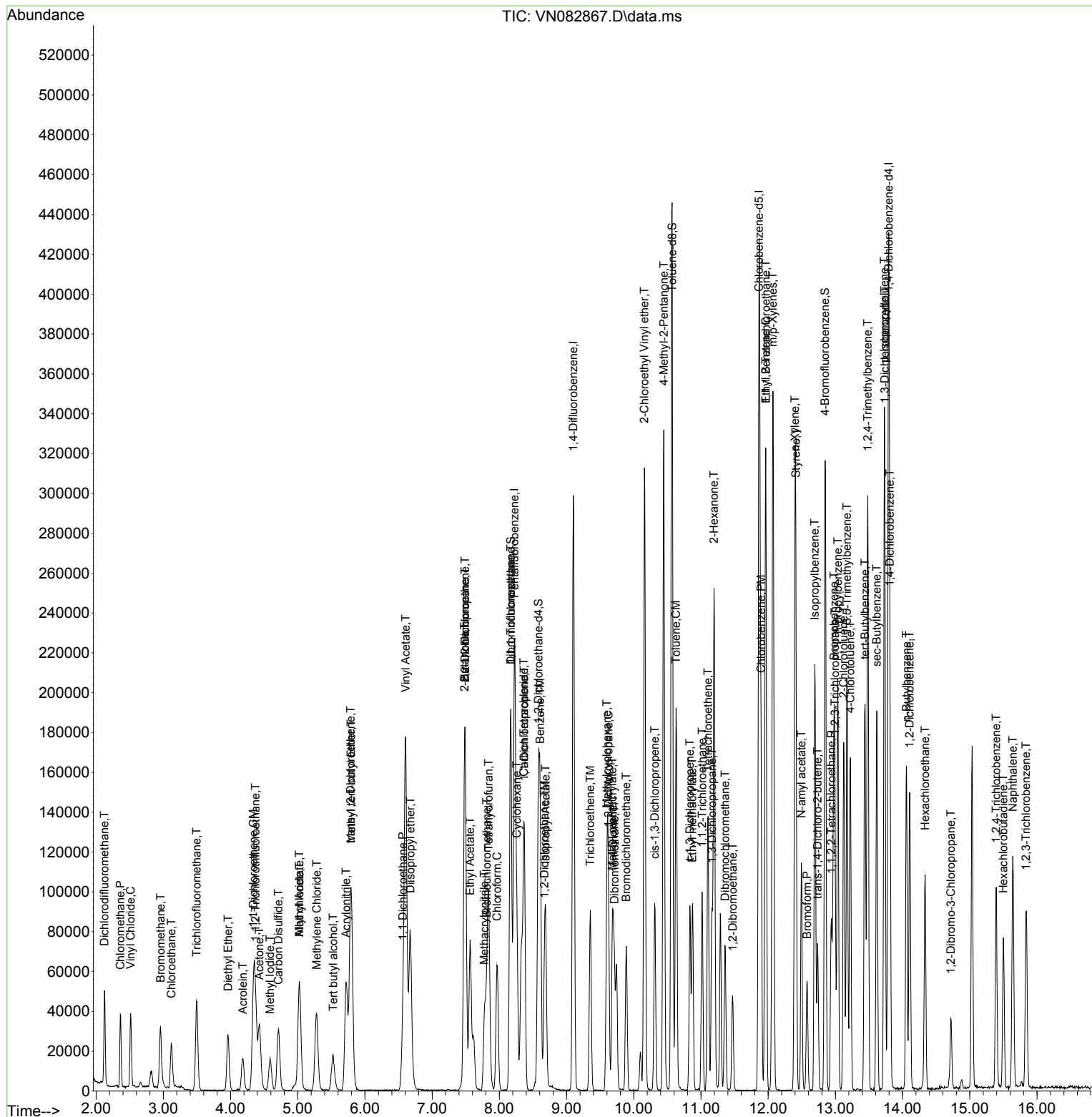
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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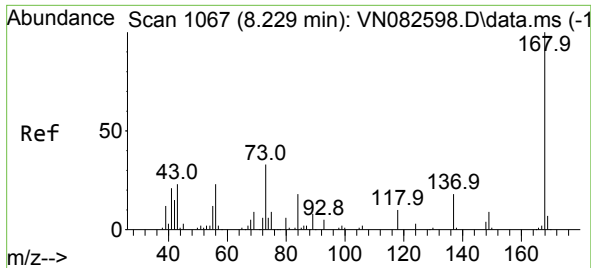
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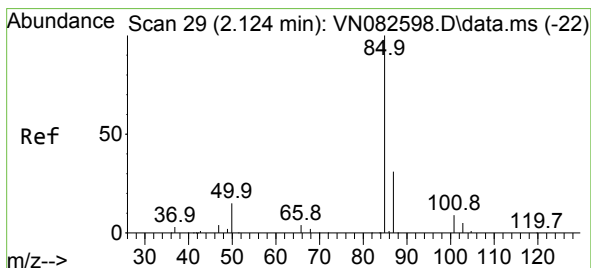
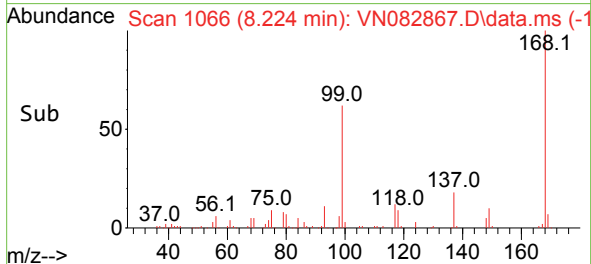
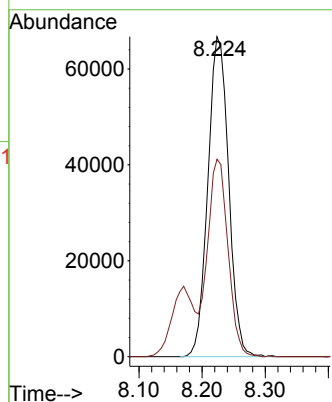
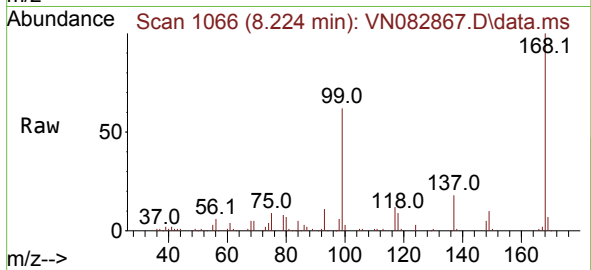




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082867.D
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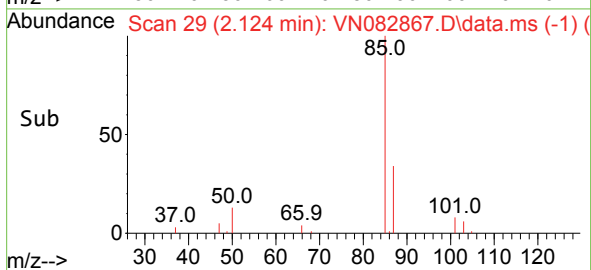
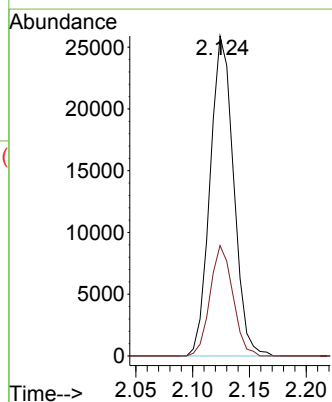
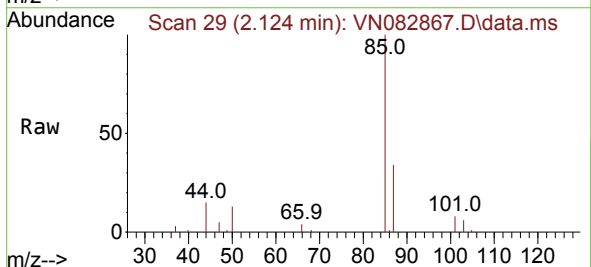
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

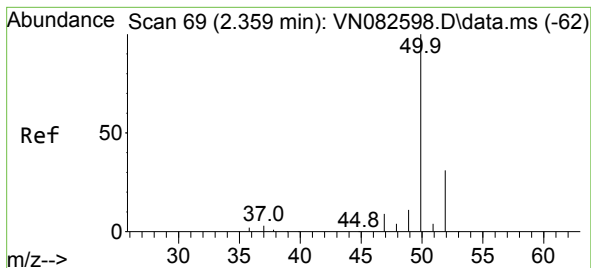
Tgt Ion:168 Resp: 152432
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 18.937 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 85 Resp: 37372
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.0





#3

Chloromethane

Concen: 17.049 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

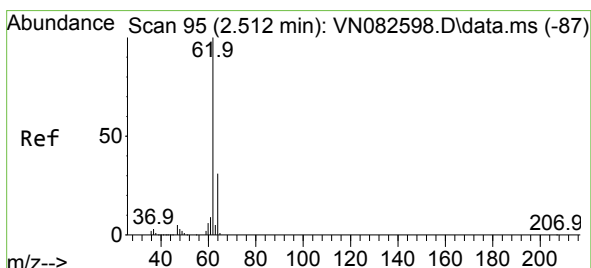
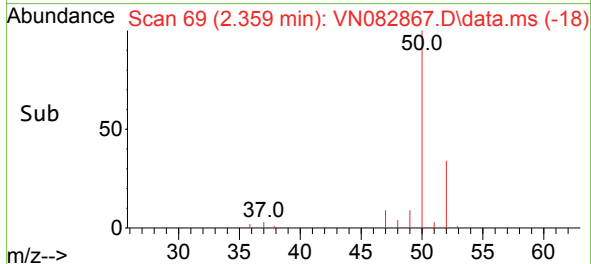
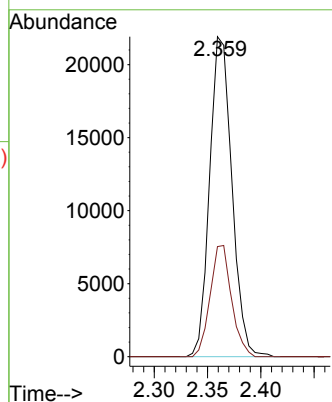
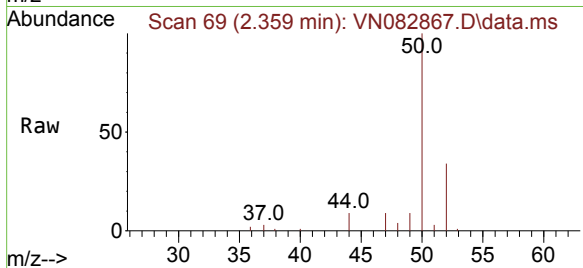
VN0711WBS01

Tgt Ion: 50 Resp: 31908

Ion Ratio Lower Upper

50 100

52 34.4 25.0 37.4



#4

Vinyl Chloride

Concen: 18.190 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN082867.D

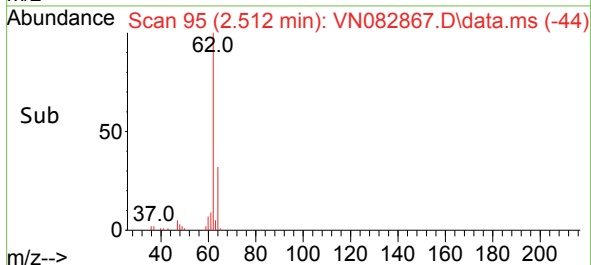
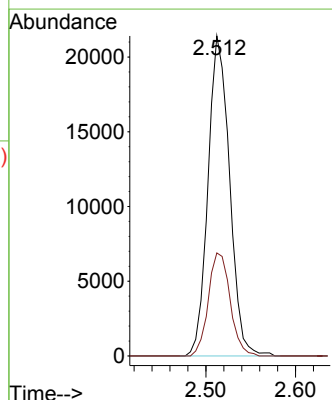
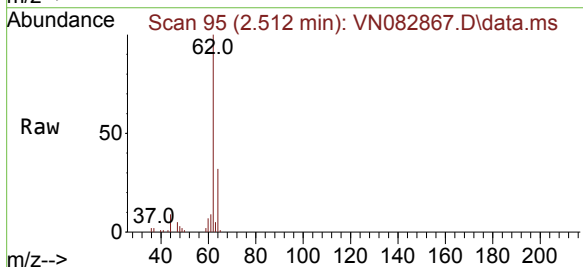
Acq: 11 Jul 2024 11:20

Tgt Ion: 62 Resp: 35753

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.6

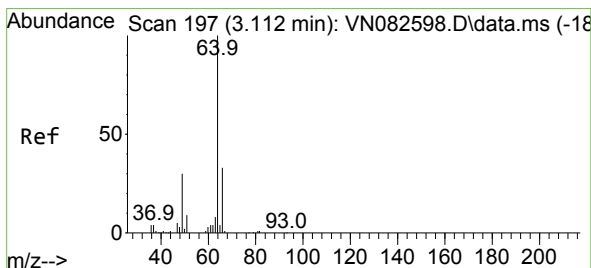
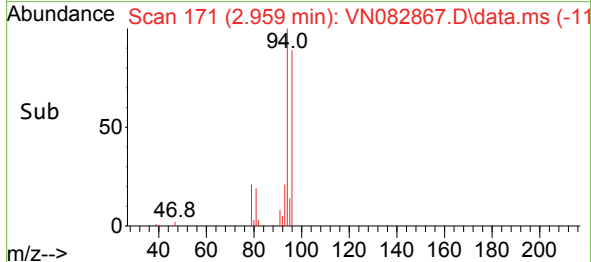
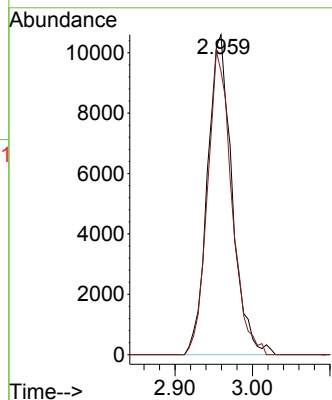
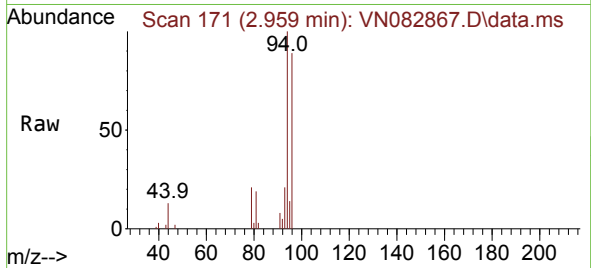




#5
Bromomethane
Concen: 16.459 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

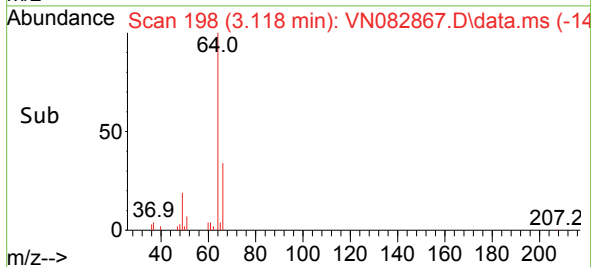
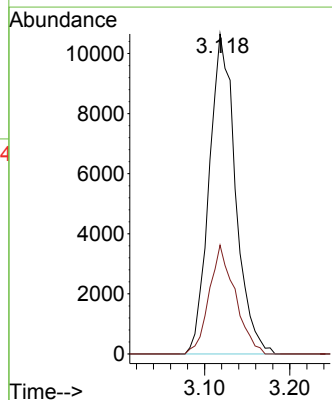
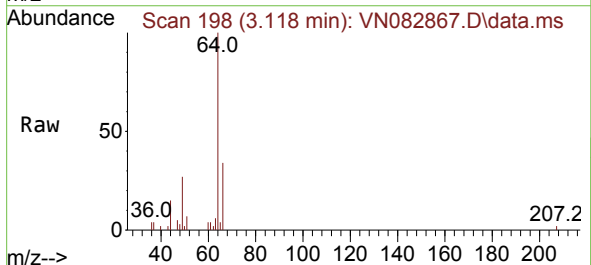
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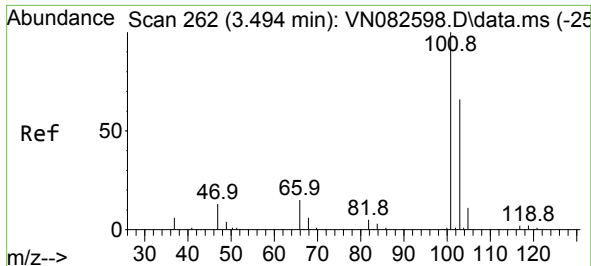
Tgt Ion: 94 Resp: 23325
Ion Ratio Lower Upper
94 100
96 88.6 78.0 117.0



#6
Chloroethane
Concen: 17.020 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 64 Resp: 22893
Ion Ratio Lower Upper
64 100
66 34.0 26.6 40.0

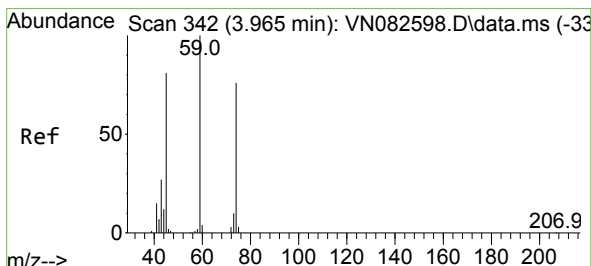
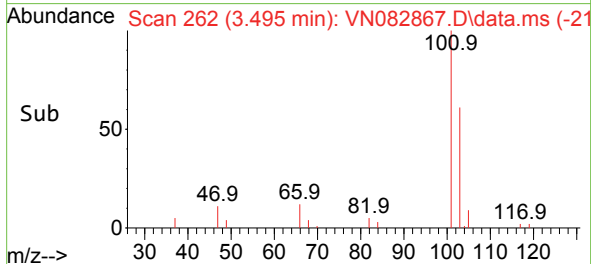
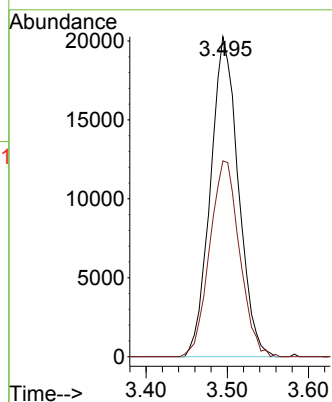
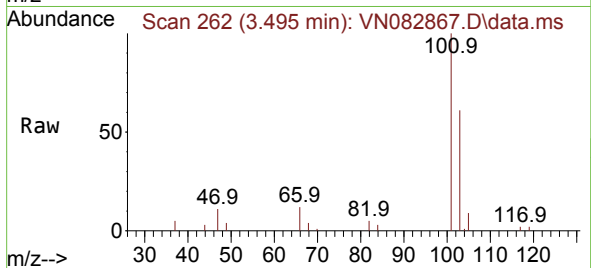




#7
Trichlorofluoromethane
Concen: 17.140 ug/l
RT: 3.495 min Scan# 201
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

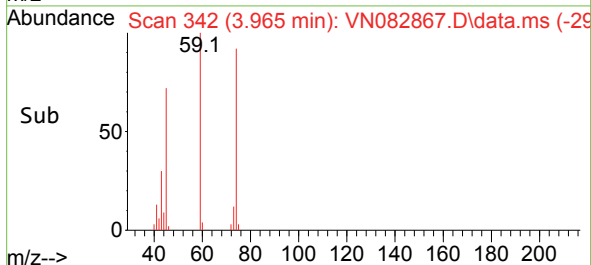
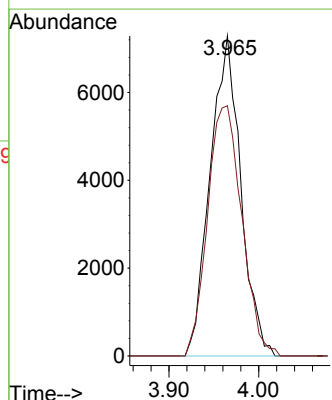
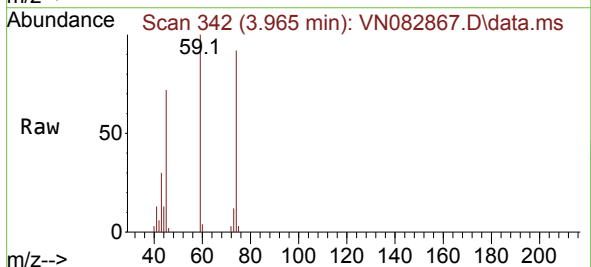
Instrument :
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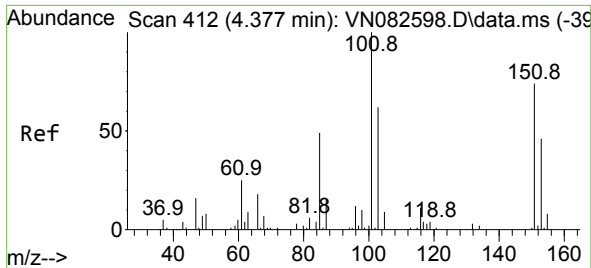
Tgt Ion:101 Resp: 48456
Ion Ratio Lower Upper
101 100
103 61.2 52.7 79.1



#8
Diethyl Ether
Concen: 17.811 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082867.D
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Tgt Ion: 74 Resp: 17233
Ion Ratio Lower Upper
74 100
45 87.6 55.5 166.3

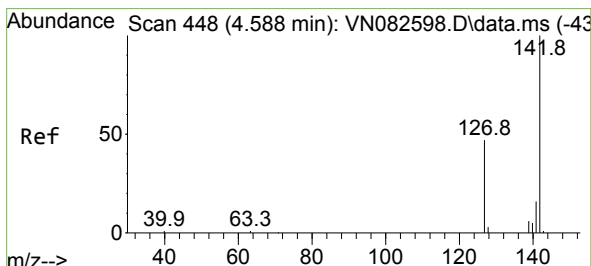
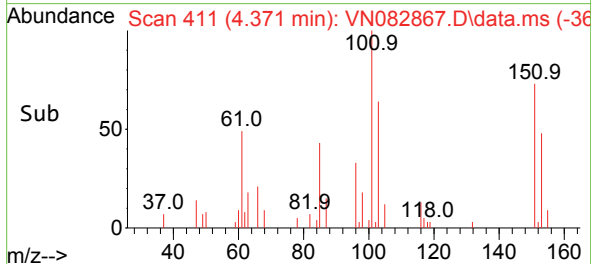
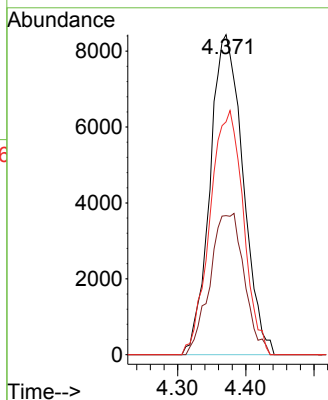
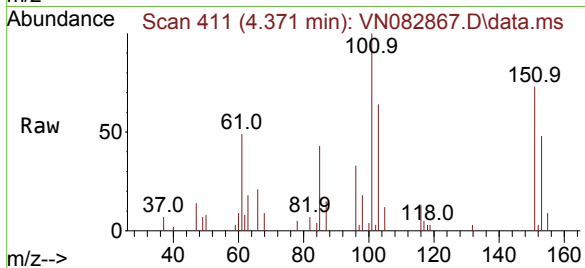




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.732 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

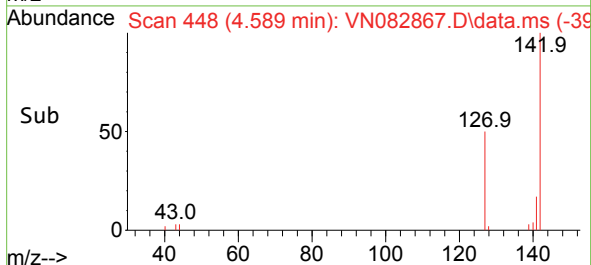
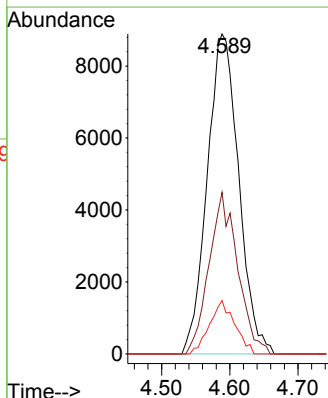
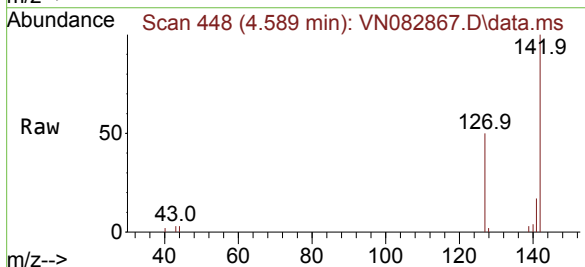
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

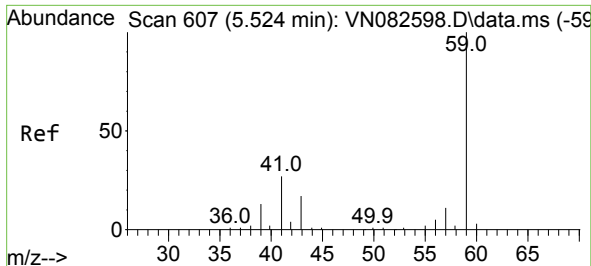
Tgt Ion:101 Resp: 28372
Ion Ratio Lower Upper
101 100
85 45.8 38.3 57.5
151 77.3 59.3 88.9



#10
Methyl Iodide
Concen: 17.425 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:142 Resp: 28584
Ion Ratio Lower Upper
142 100
127 50.5 37.5 56.3
141 16.7 13.1 19.7

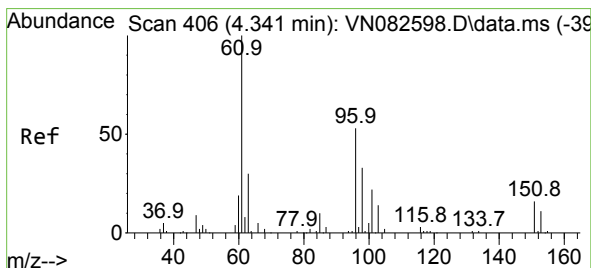
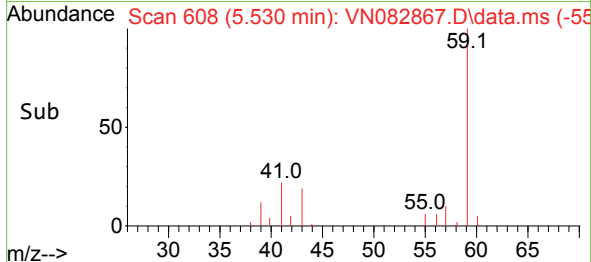
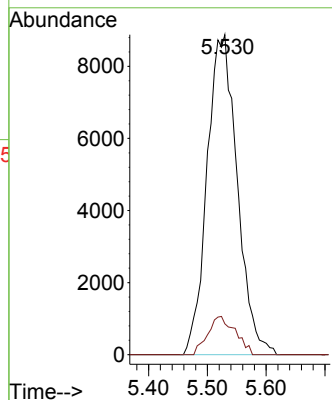
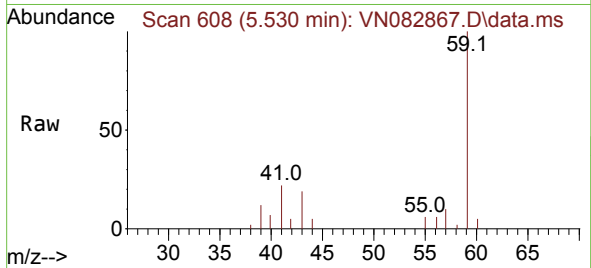




#11
Tert butyl alcohol
Concen: 88.070 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

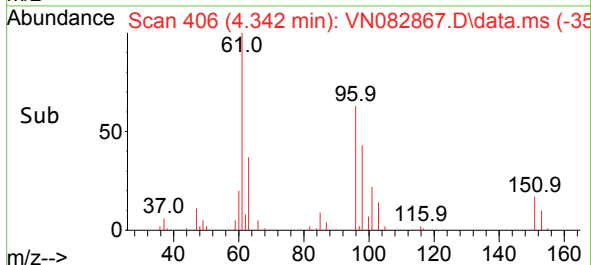
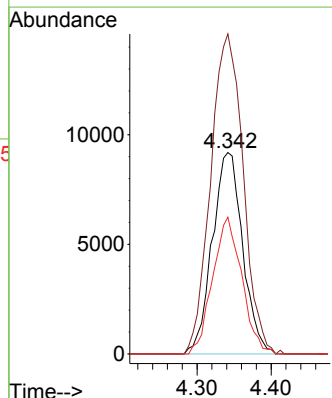
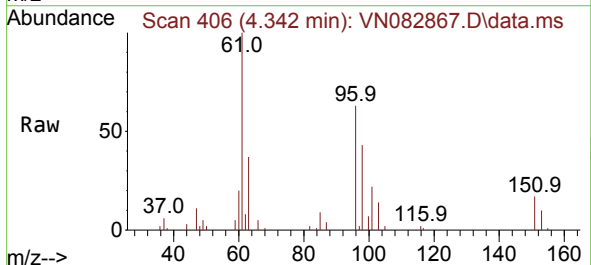
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

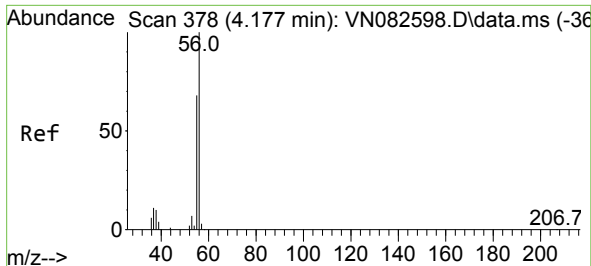
Tgt Ion: 59 Resp: 31652
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3



#12
1,1-Dichloroethene
Concen: 16.783 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 96 Resp: 26116
Ion Ratio Lower Upper
96 100
61 158.9 149.7 224.5
98 67.9 50.1 75.1





#13

Acrolein

Concen: 83.727 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

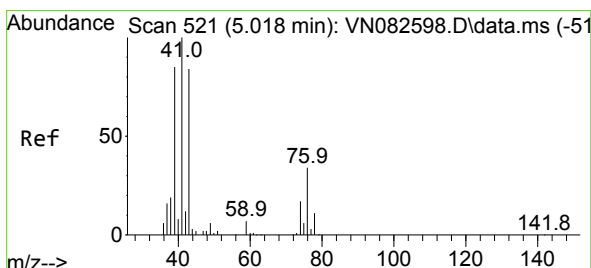
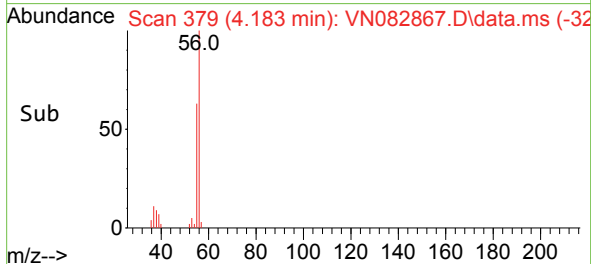
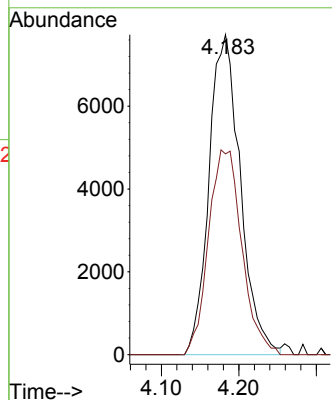
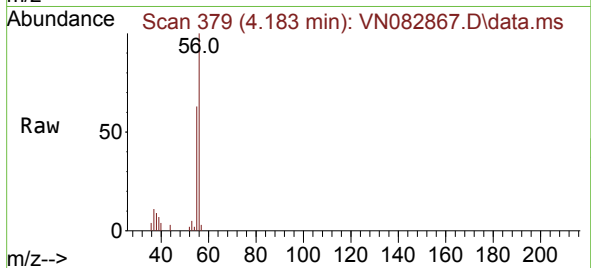
VN0711WBS01

Tgt Ion: 56 Resp: 21725

Ion Ratio Lower Upper

56 100

55 68.1 56.4 84.6



#14

Allyl chloride

Concen: 17.573 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

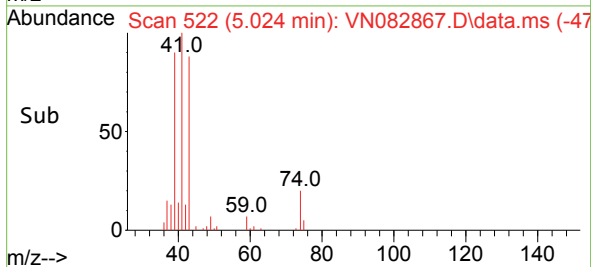
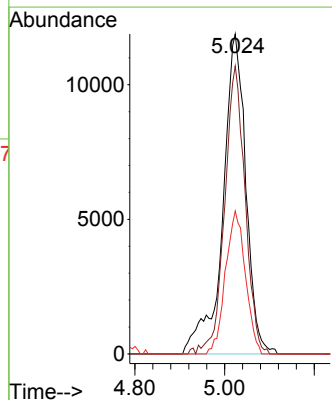
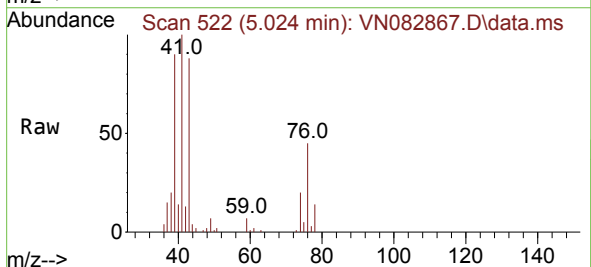
Tgt Ion: 41 Resp: 42635

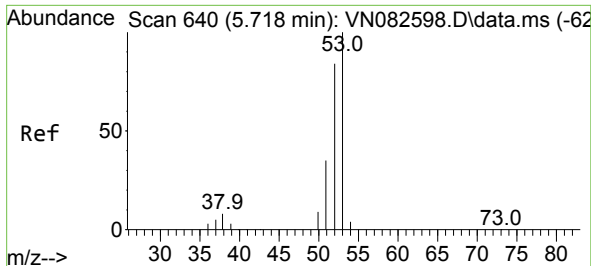
Ion Ratio Lower Upper

41 100

39 79.2 67.8 101.6

76 38.6 25.8 38.8

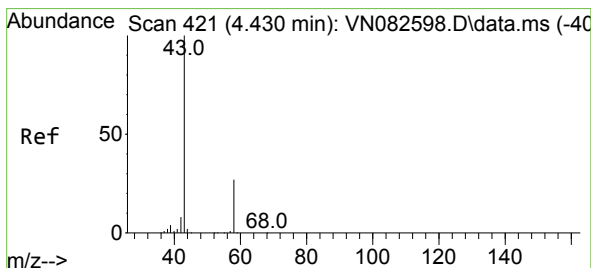
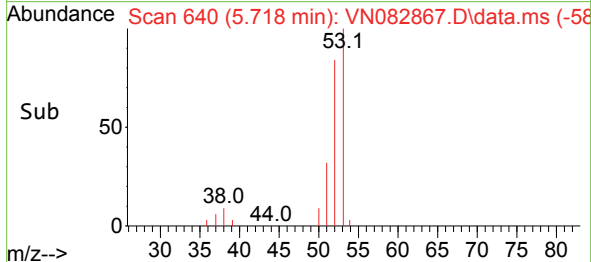
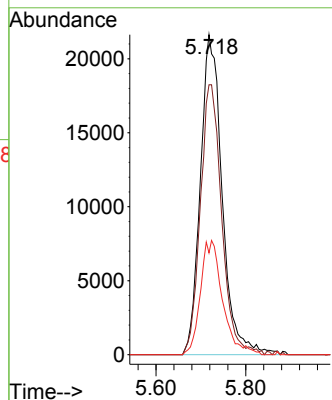
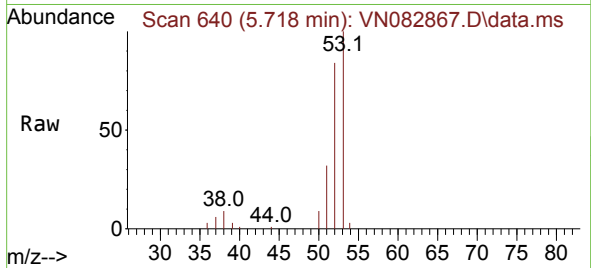




#15
Acrylonitrile
Concen: 88.477 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

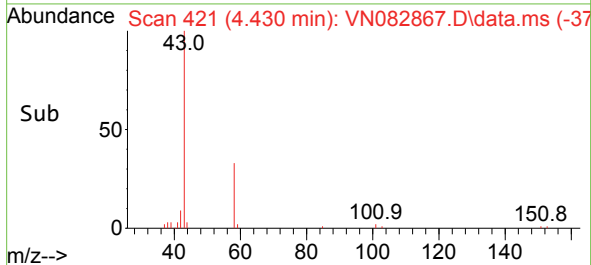
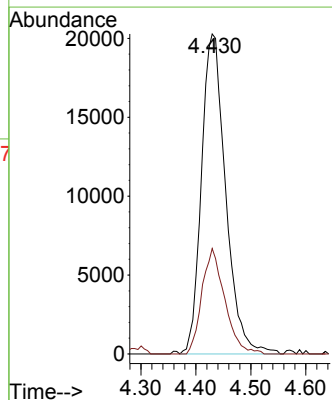
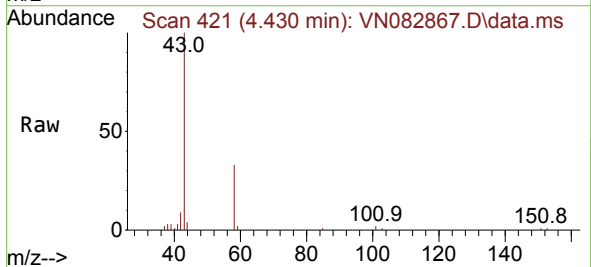
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

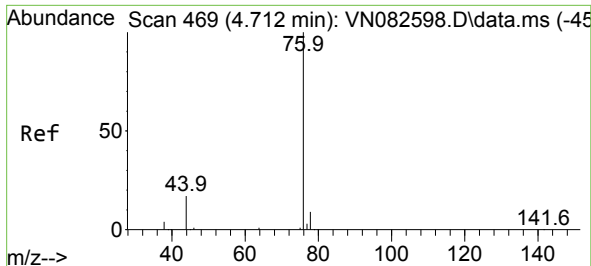
Tgt Ion:	53	Resp:	73077
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	36.3	30.1	45.1



#16
Acetone
Concen: 82.456 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:	43	Resp:	62032
Ion	Ratio	Lower	Upper
43	100		
58	32.9	21.8	32.6

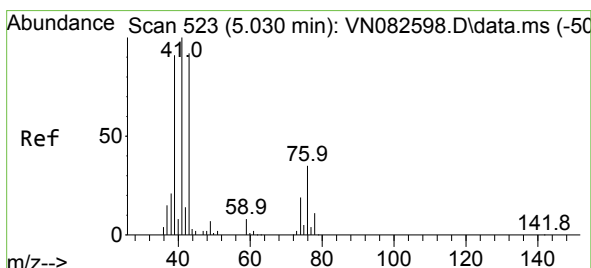
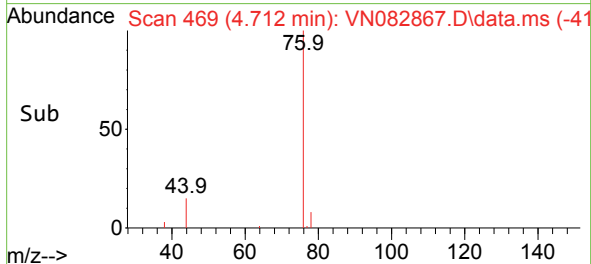
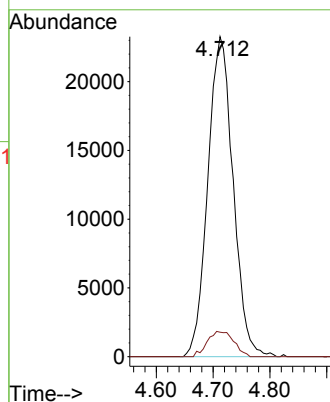
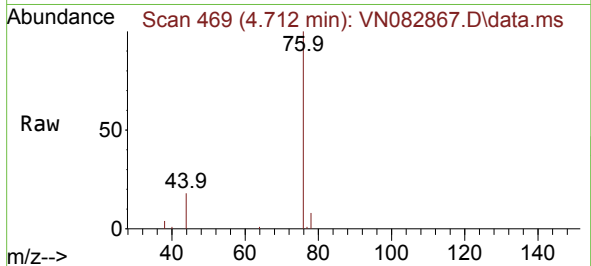




#17
Carbon Disulfide
Concen: 15.461 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

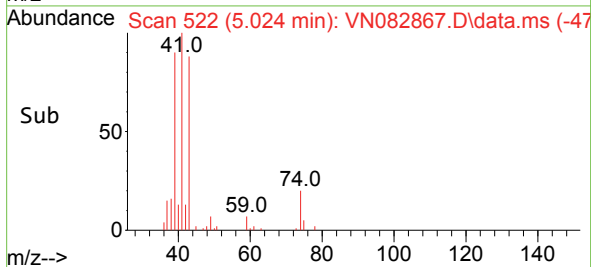
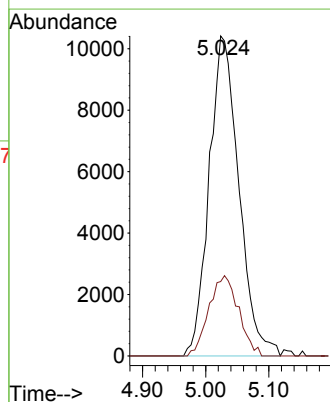
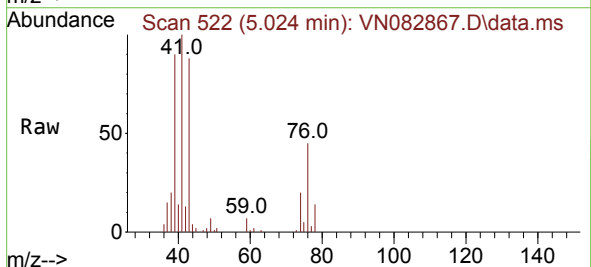
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

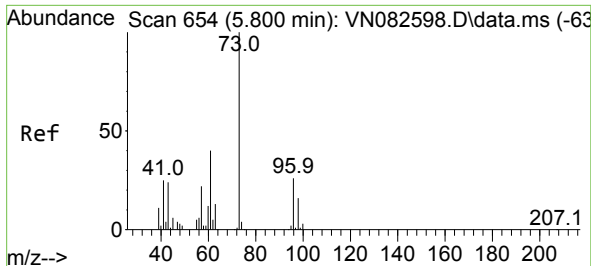
Tgt Ion: 76 Resp: 71890
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



#18
Methyl Acetate
Concen: 17.082 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 43 Resp: 34005
Ion Ratio Lower Upper
43 100
74 25.1 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 18.383 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

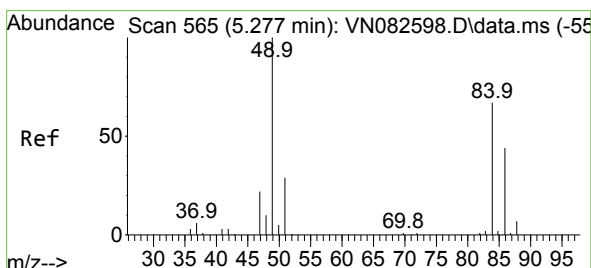
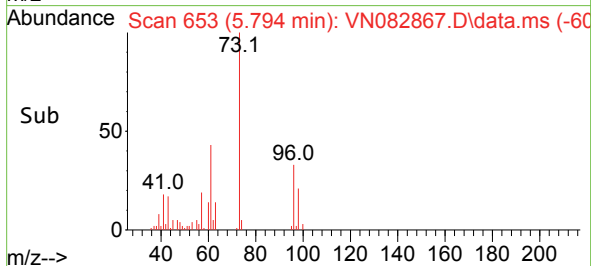
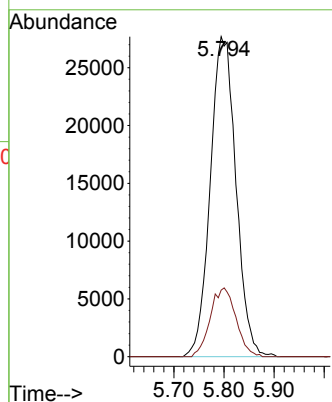
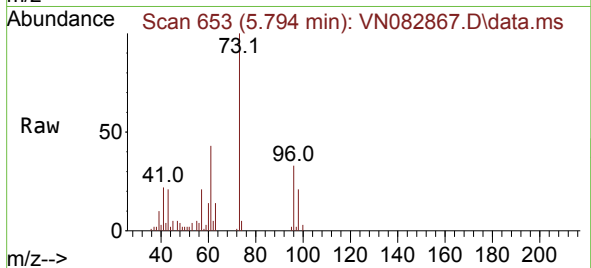
VN0711WBS01

Tgt Ion: 73 Resp: 98672

Ion Ratio Lower Upper

73 100

57 20.8 17.9 26.9



#20

Methylene Chloride

Concen: 17.635 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Tgt Ion: 84 Resp: 32039

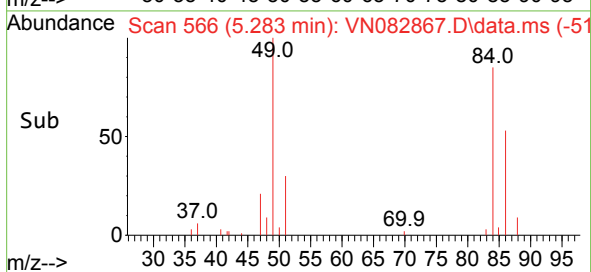
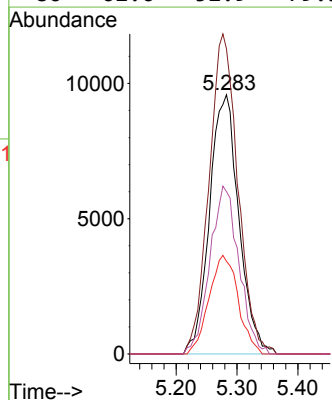
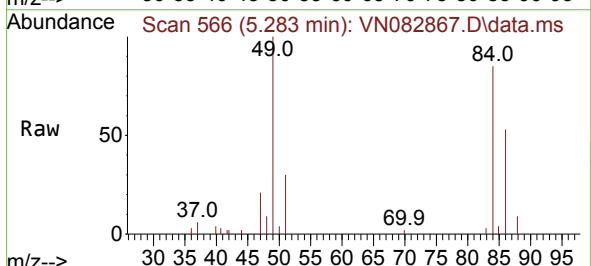
Ion Ratio Lower Upper

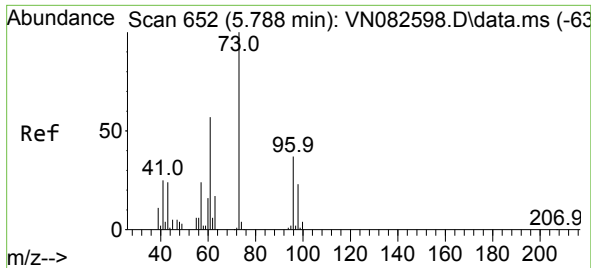
84 100

49 117.8 119.6 179.4#

51 35.7 34.8 52.2

86 62.6 52.9 79.3

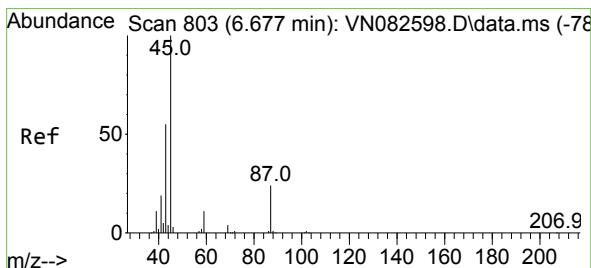
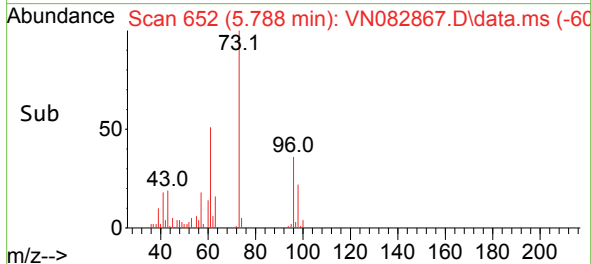
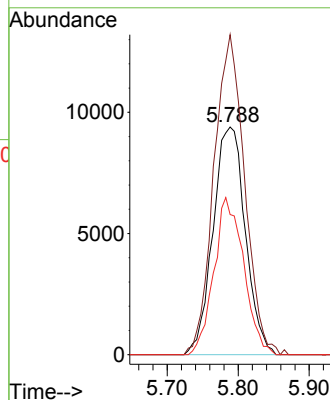
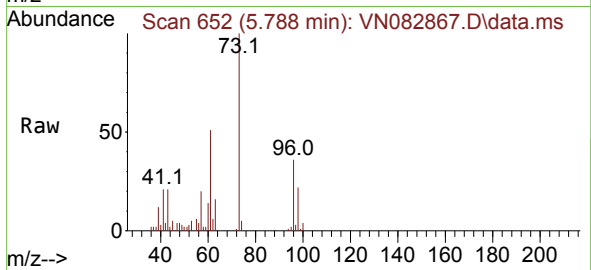




#21
trans-1,2-Dichloroethene
Concen: 17.588 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

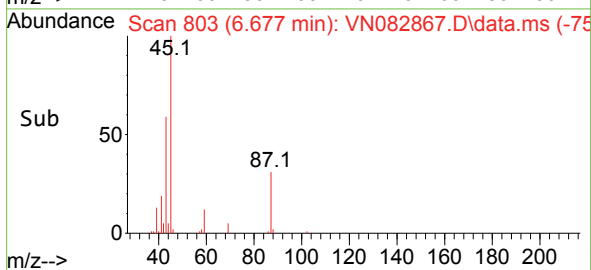
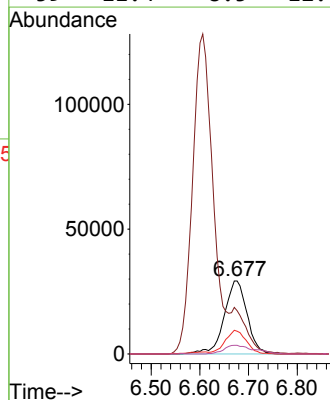
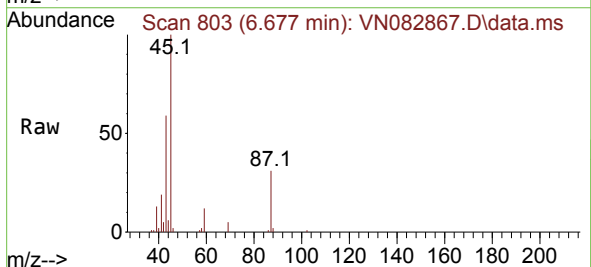
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

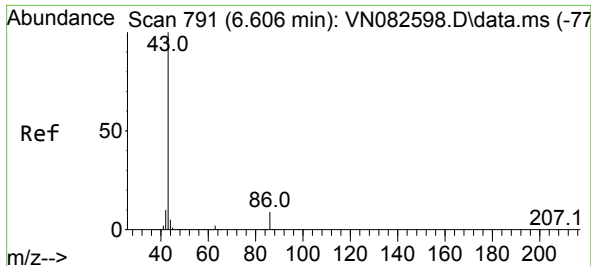
Tgt Ion: 96 Resp: 29655
Ion Ratio Lower Upper
96 100
61 140.6 123.4 185.2
98 61.6 49.3 73.9



#22
Diisopropyl ether
Concen: 18.810 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 45 Resp: 95476
Ion Ratio Lower Upper
45 100
43 57.9 44.0 66.0
87 31.2 19.7 29.5#
59 11.4 8.5 12.7

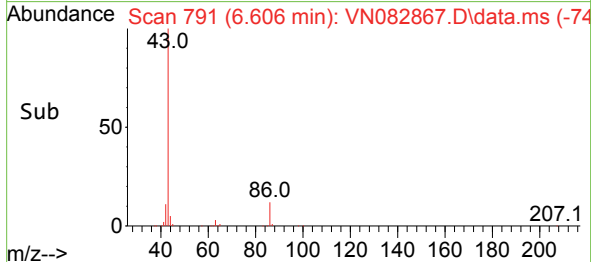
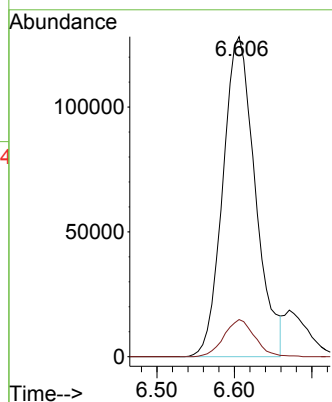
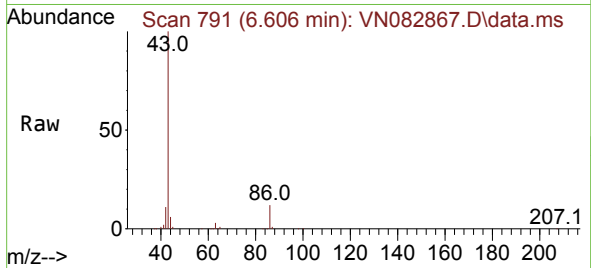




#23
 Vinyl Acetate
 Concen: 92.722 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

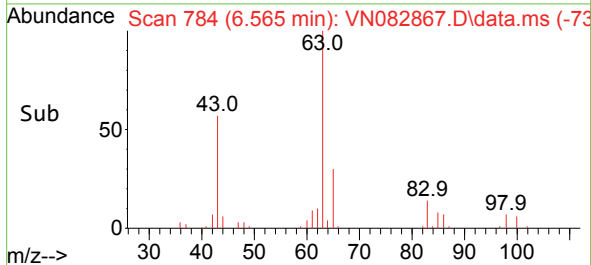
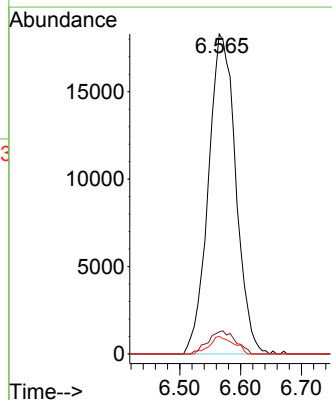
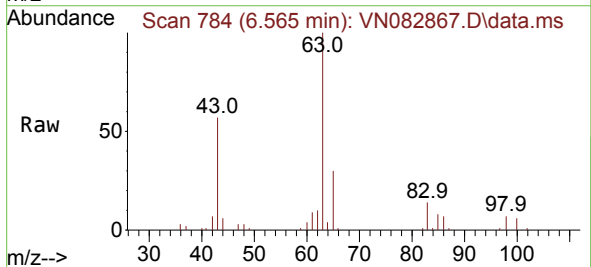
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

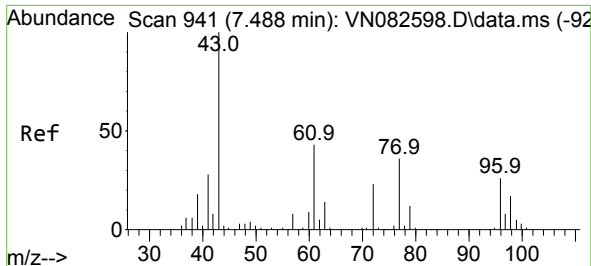
Tgt Ion: 43 Resp: 373757
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 18.554 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

Tgt Ion: 63 Resp: 57126
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 5.5 2.0 6.0





#25

2-Butanone

Concen: 89.564 ug/l

RT: 7.482 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

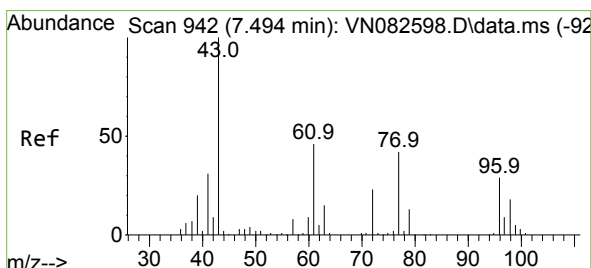
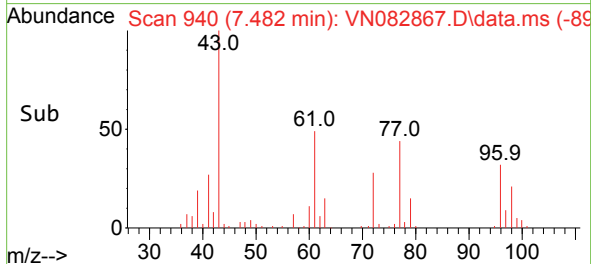
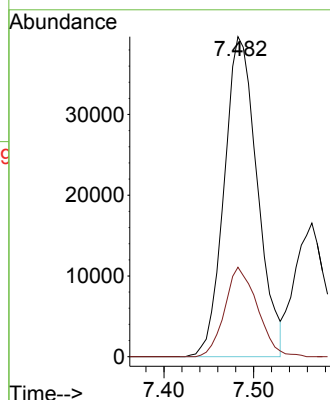
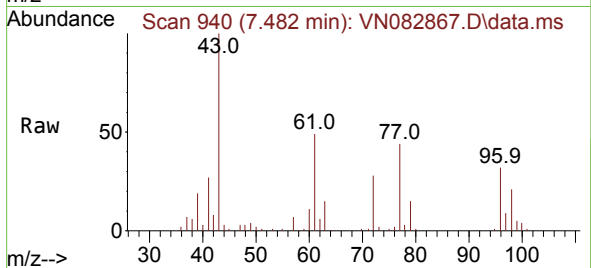
VN0711WBS01

Tgt Ion: 43 Resp: 101740

Ion Ratio Lower Upper

43 100

72 28.0 18.2 27.2#



#26

2,2-Dichloropropane

Concen: 18.855 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN082867.D

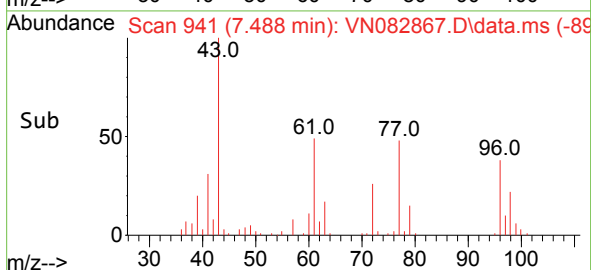
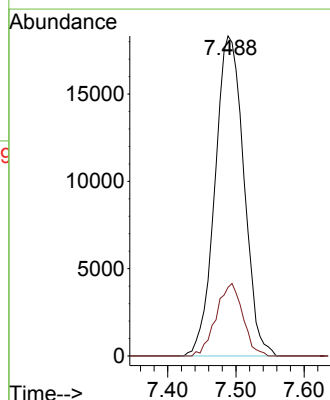
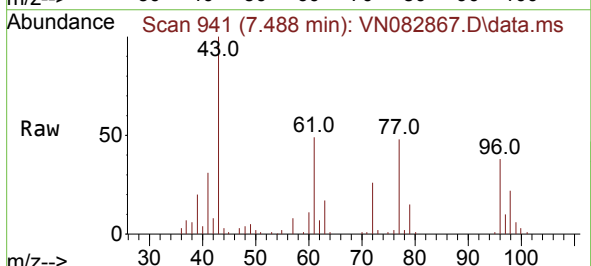
Acq: 11 Jul 2024 11:20

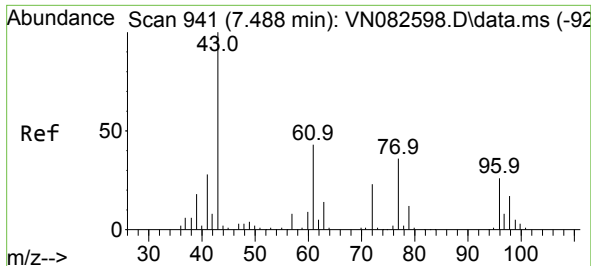
Tgt Ion: 77 Resp: 53977

Ion Ratio Lower Upper

77 100

97 20.9 10.3 30.9

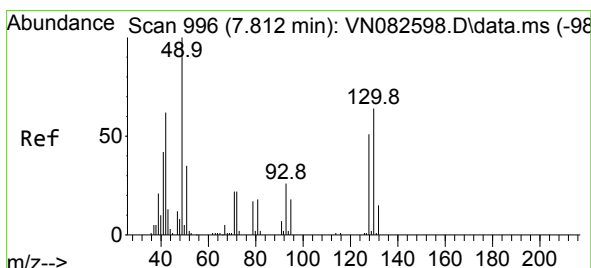
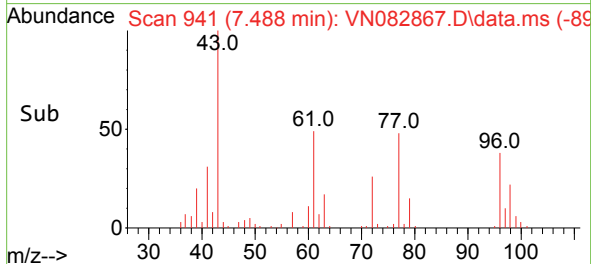
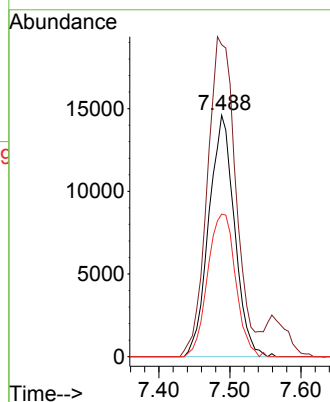
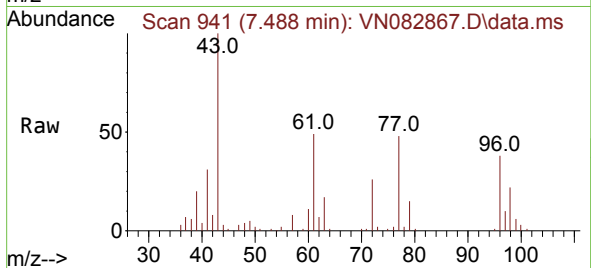




#27
cis-1,2-Dichloroethene
Concen: 18.579 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

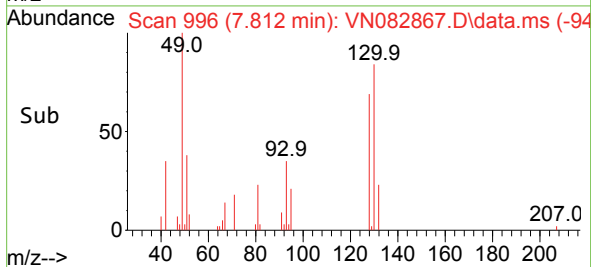
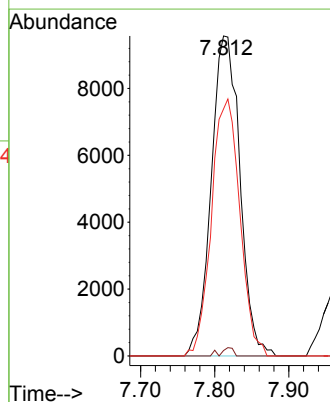
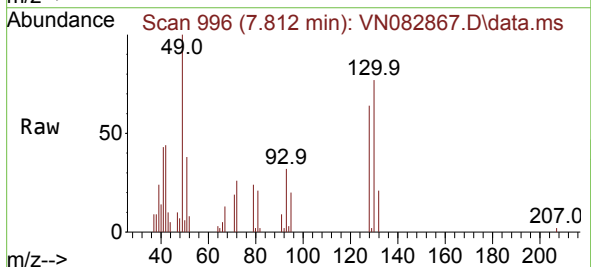
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

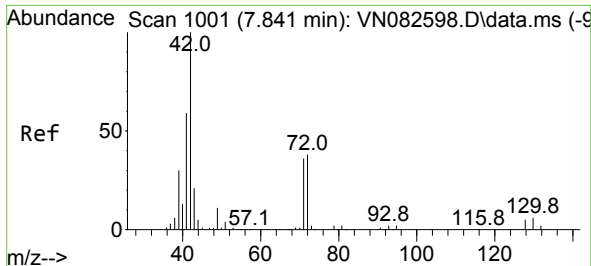
Tgt Ion: 96 Resp: 36675
Ion Ratio Lower Upper
96 100
61 145.7 0.0 329.6
98 64.2 0.0 128.6



#28
Bromochloromethane
Concen: 19.438 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 49 Resp: 25674
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 79.5 50.5 75.7#





#29

Tetrahydrofuran

Concen: 90.093 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

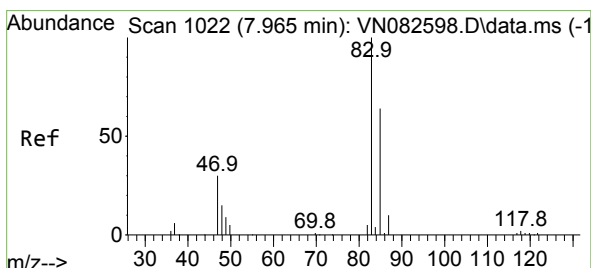
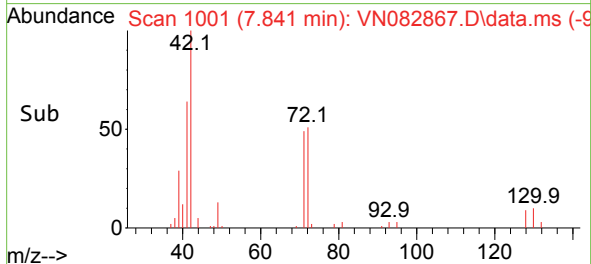
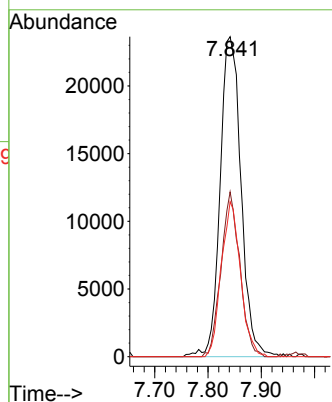
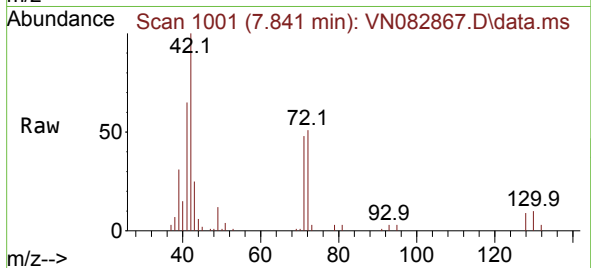
Tgt Ion: 42 Resp: 64429

Ion Ratio Lower Upper

42 100

72 46.3 30.0 45.0#

71 44.5 28.3 42.5#



#30

Chloroform

Concen: 18.558 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082867.D

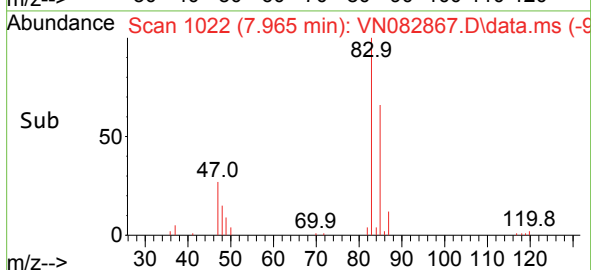
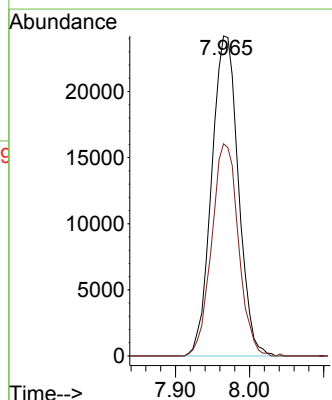
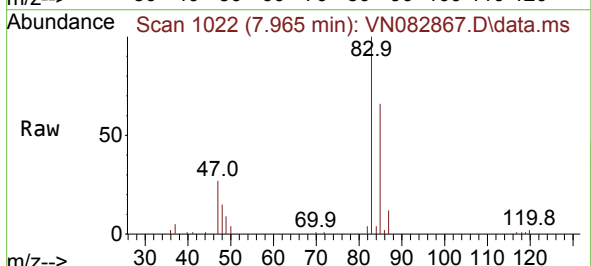
Acq: 11 Jul 2024 11:20

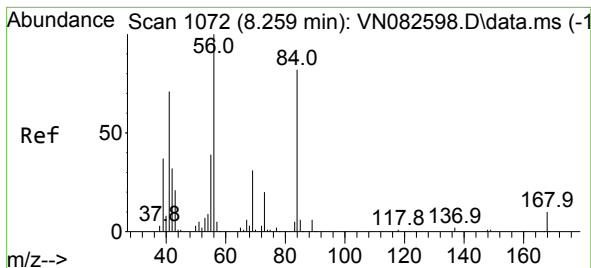
Tgt Ion: 83 Resp: 60616

Ion Ratio Lower Upper

83 100

85 66.3 50.9 76.3





#31

Cyclohexane

Concen: 16.971 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

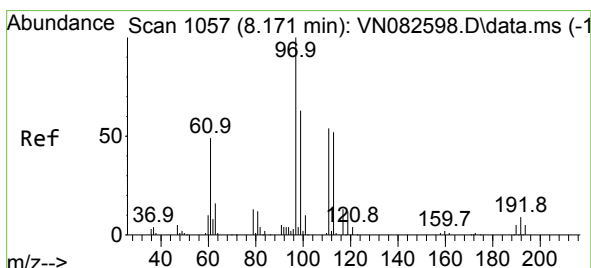
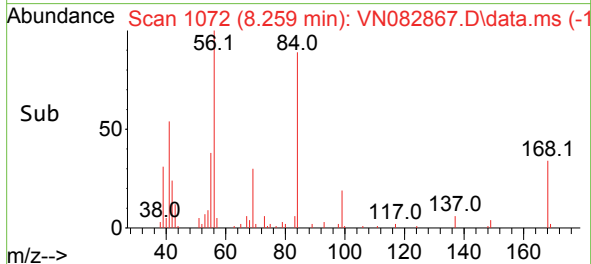
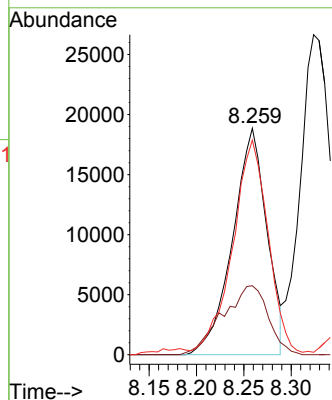
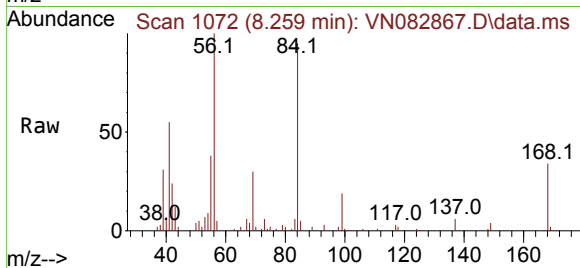
Tgt Ion: 56 Resp: 47411

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

84 92.1 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 19.056 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

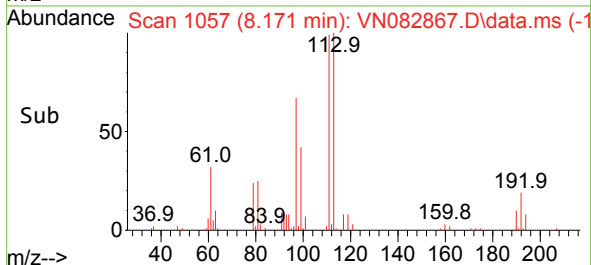
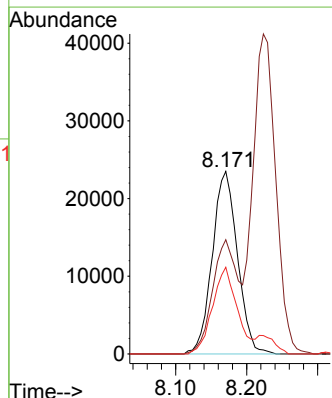
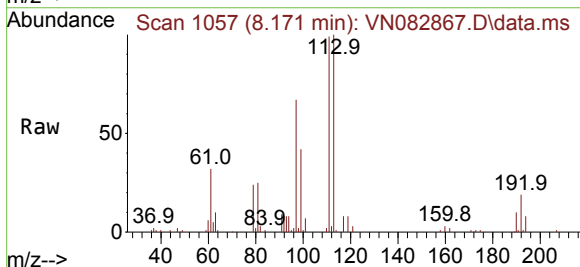
Tgt Ion: 97 Resp: 57789

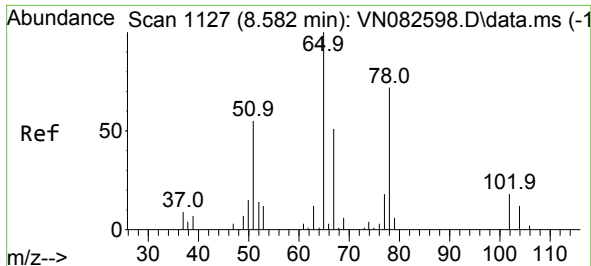
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 47.2 42.1 63.1

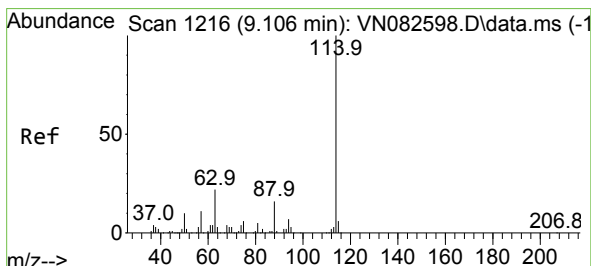
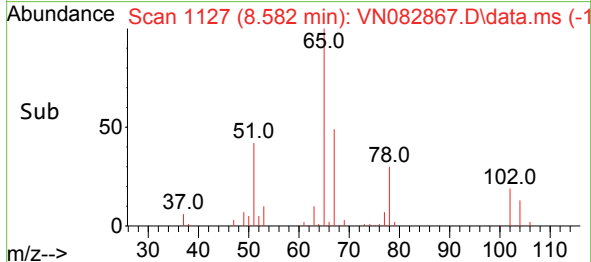
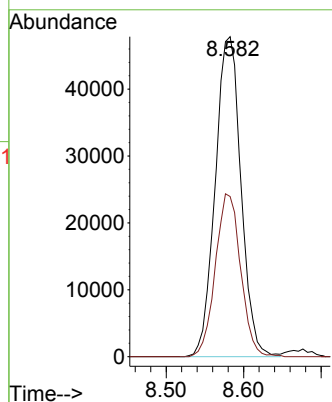
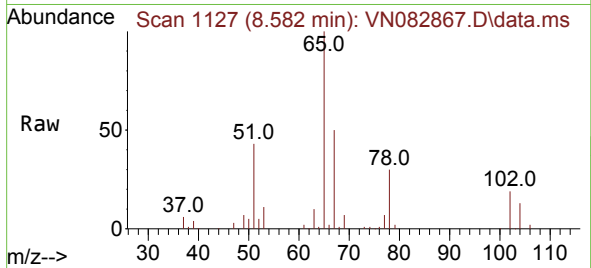




#33
 1,2-Dichloroethane-d4
 Concen: 51.714 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

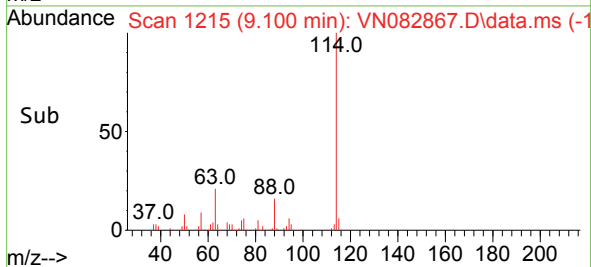
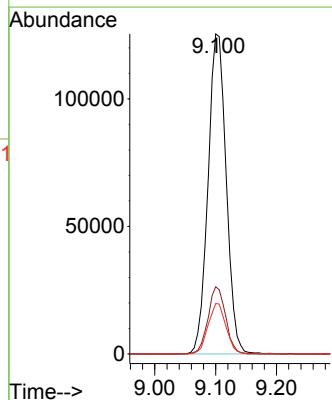
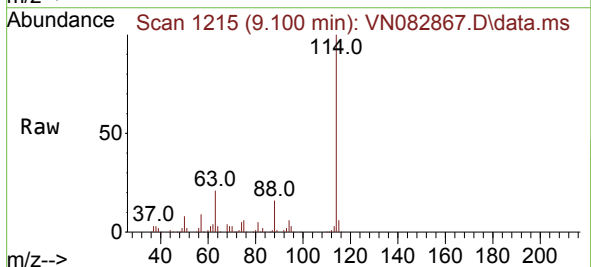
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

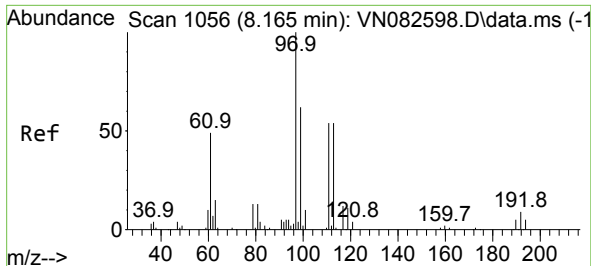
Tgt Ion: 65 Resp: 110501
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

Tgt Ion: 114 Resp: 260840
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.6
 88 15.8 0.0 31.4

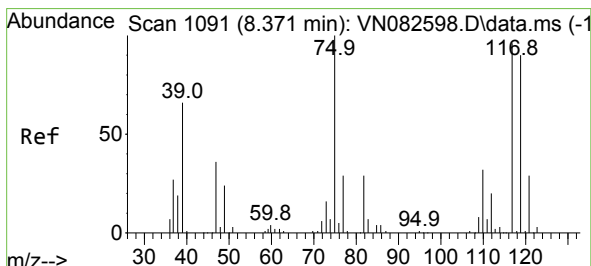
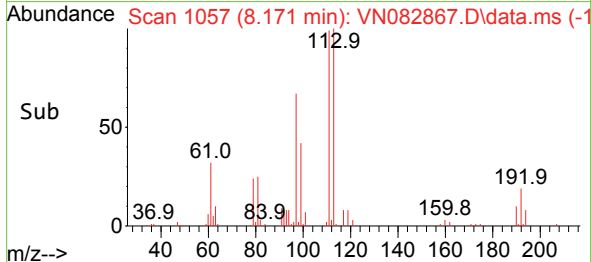
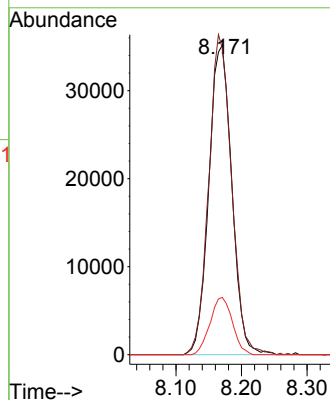
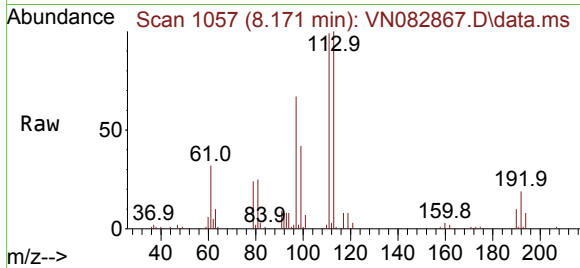




#35
Dibromofluoromethane
Concen: 51.156 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

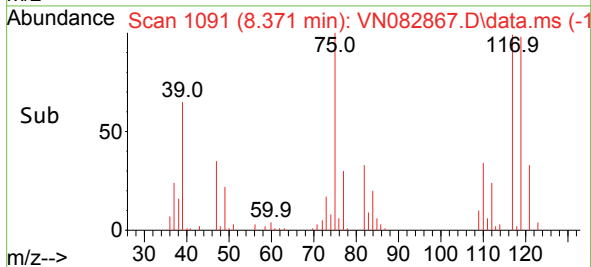
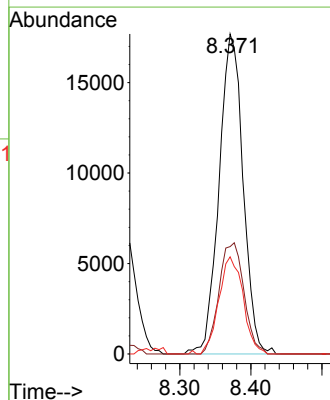
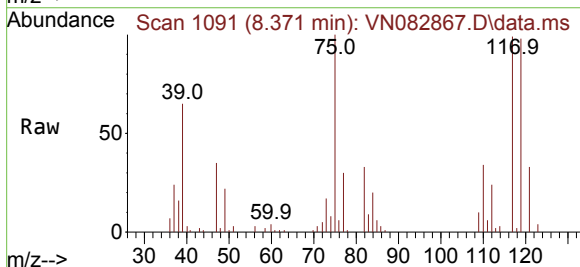
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion:113 Resp: 85622
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 17.970 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 75 Resp: 41469
Ion Ratio Lower Upper
75 100
110 36.2 16.3 48.9
77 30.6 24.6 37.0

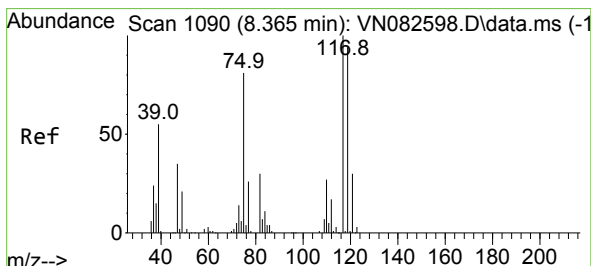
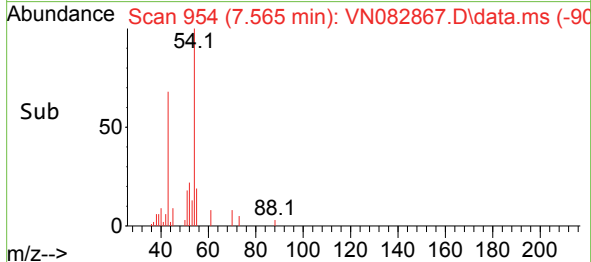
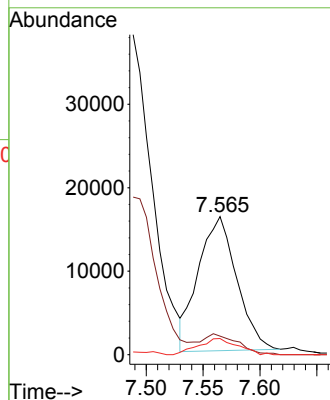
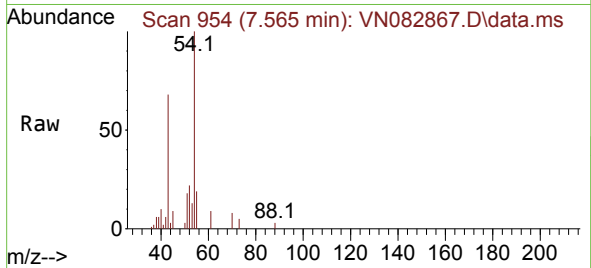




#37
Ethyl Acetate
Concen: 16.080 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

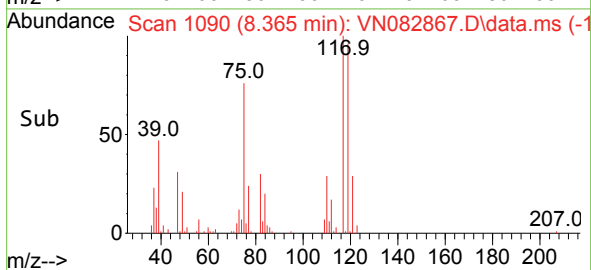
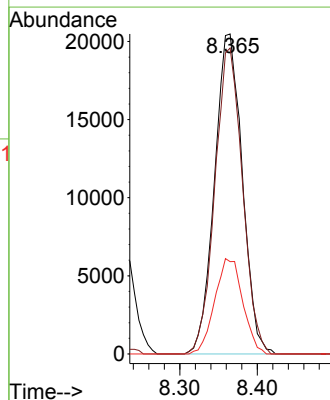
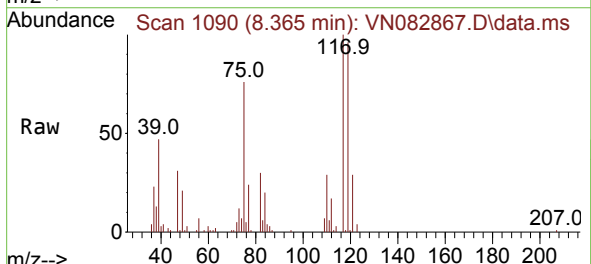
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

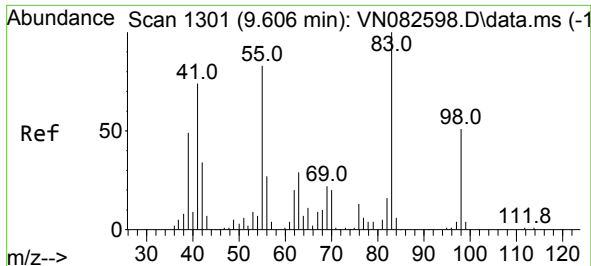
Tgt Ion: 43 Resp: 37778
Ion Ratio Lower Upper
43 100
61 12.8 9.3 13.9
70 12.3 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 18.324 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 117 Resp: 50913
Ion Ratio Lower Upper
117 100
119 95.6 74.9 112.3
121 28.9 24.3 36.5





#39

Methylcyclohexane

Concen: 16.682 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

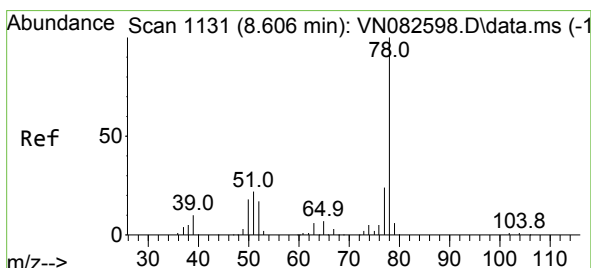
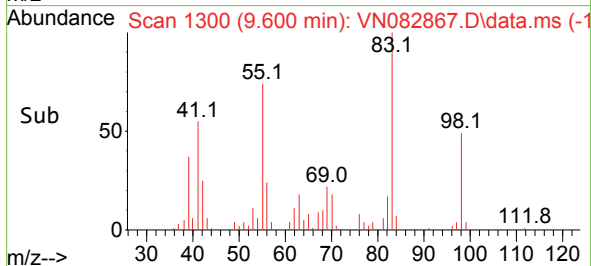
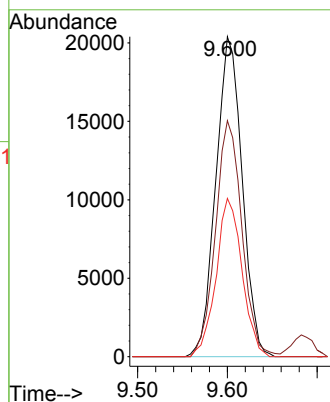
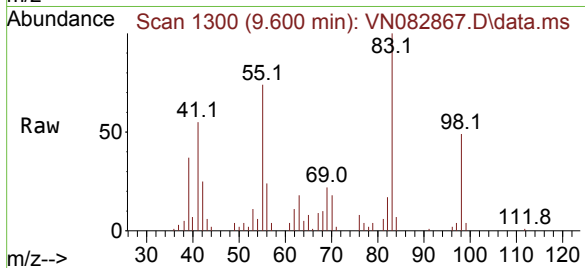
Tgt Ion: 83 Resp: 41584

Ion Ratio Lower Upper

83 100

55 73.8 66.4 99.6

98 49.5 40.7 61.1



#40

Benzene

Concen: 18.281 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082867.D

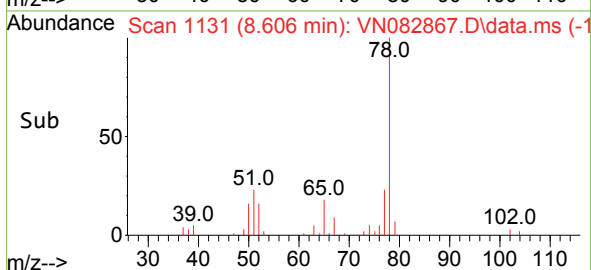
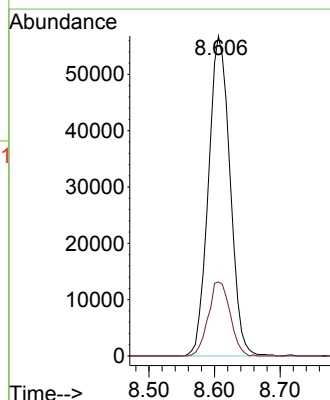
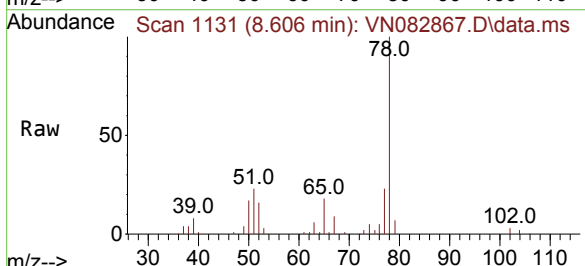
Acq: 11 Jul 2024 11:20

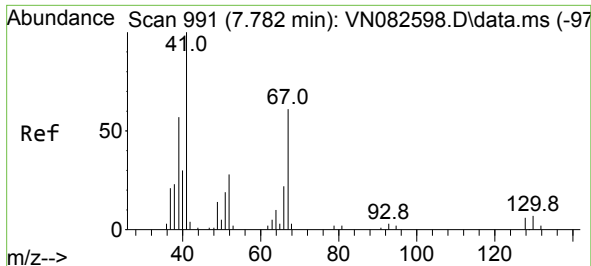
Tgt Ion: 78 Resp: 129763

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

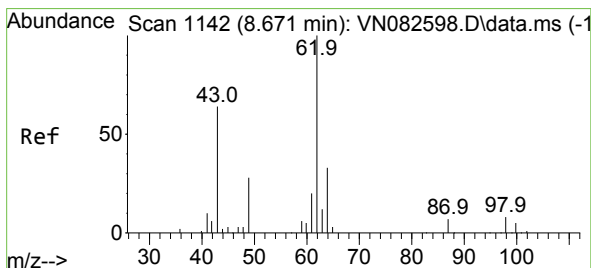
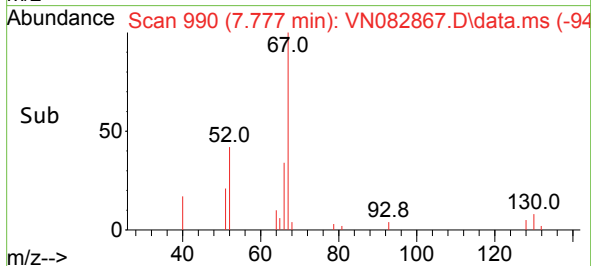
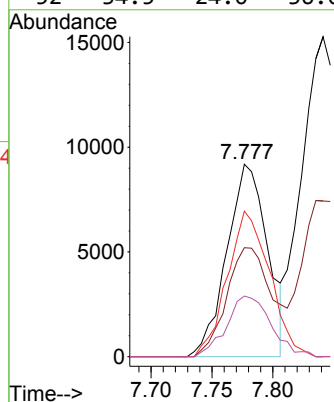
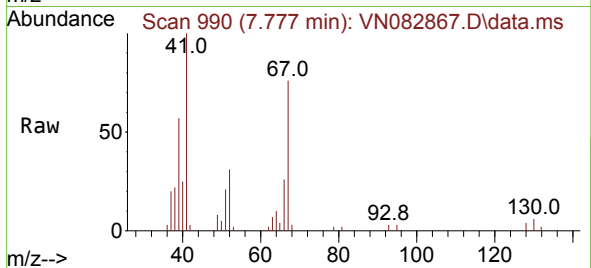




#41
Methacrylonitrile
Concen: 16.849 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

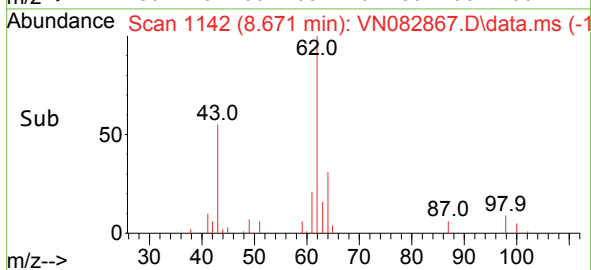
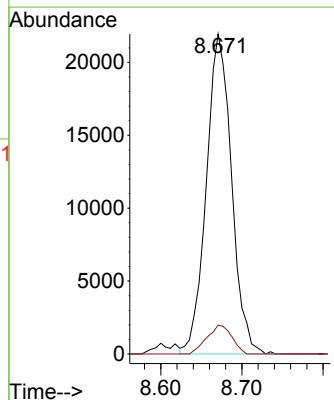
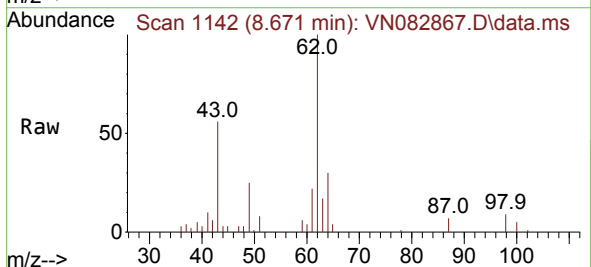
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

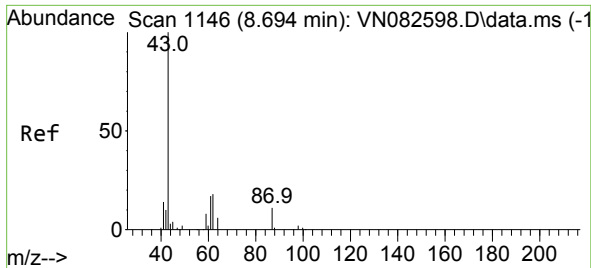
Tgt Ion: 41	Resp: 21326
Ion Ratio	Lower Upper
41 100	
39 64.1	45.5 68.3
67 78.7	50.5 75.7#
52 34.5	24.0 36.0



#42
1,2-Dichloroethane
Concen: 18.566 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 62	Resp: 47445
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 15.8

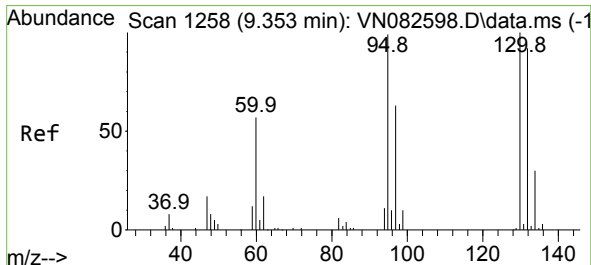
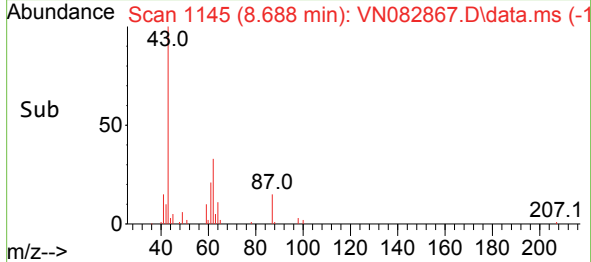
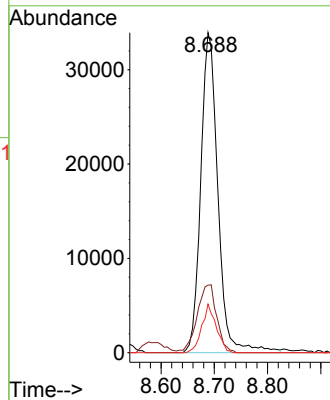
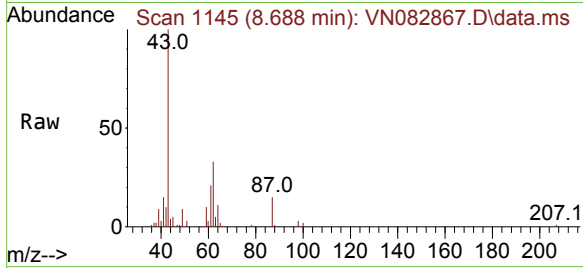




#43
Isopropyl Acetate
Concen: 15.015 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

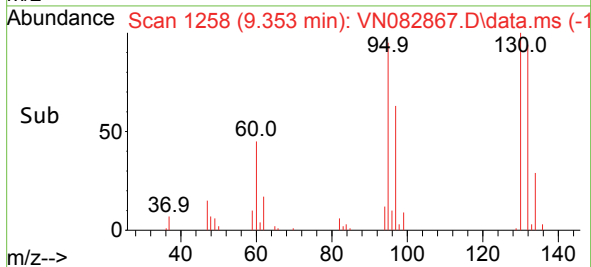
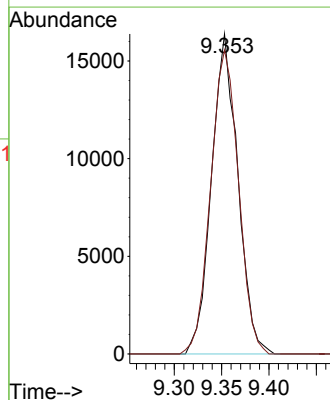
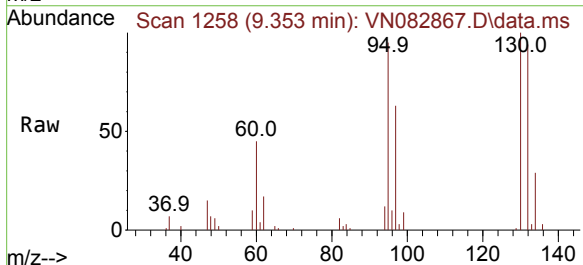
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 43 Resp: 75712
Ion Ratio Lower Upper
43 100
61 24.2 17.8 26.6
87 12.8 8.2 12.2#



#44
Trichloroethene
Concen: 17.416 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:130 Resp: 31672
Ion Ratio Lower Upper
130 100
95 95.0 0.0 197.8

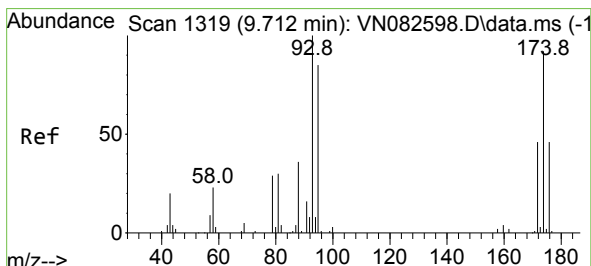
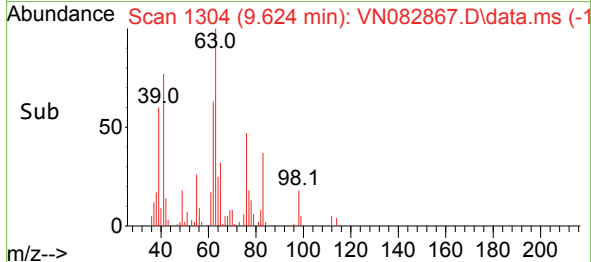
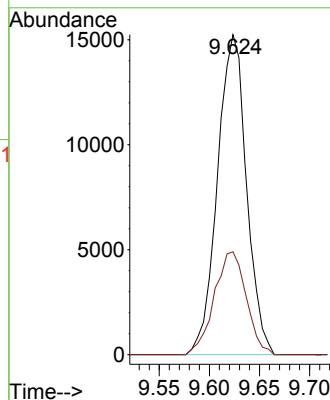
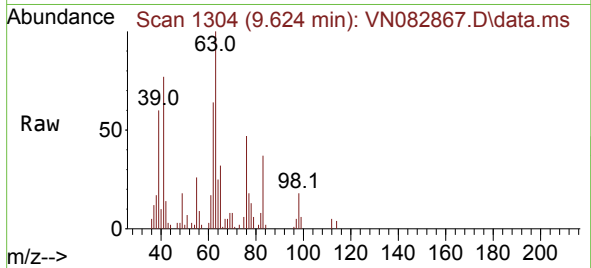




#45
1,2-Dichloropropane
Concen: 18.542 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

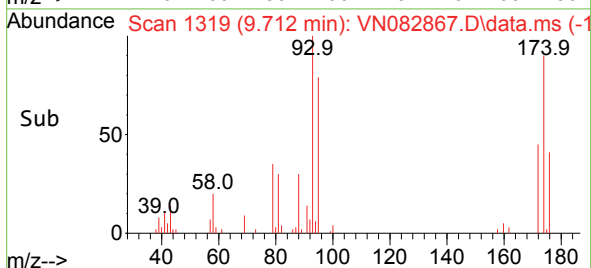
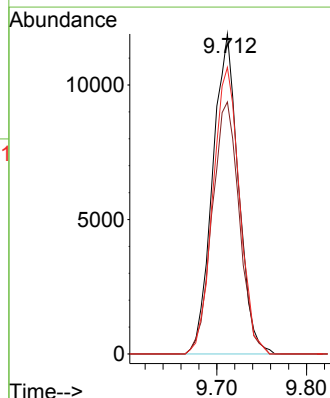
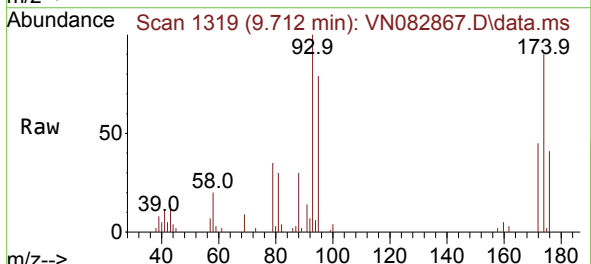
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

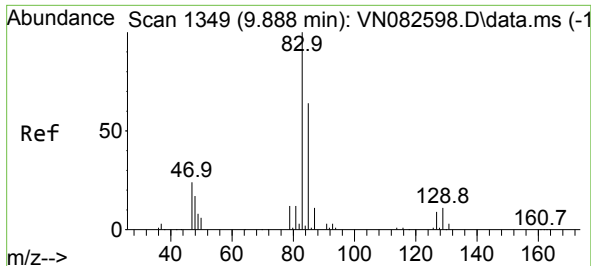
Tgt Ion: 63 Resp: 30728
Ion Ratio Lower Upper
63 100
65 32.1 24.4 36.6



#46
Dibromomethane
Concen: 18.394 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 93 Resp: 23748
Ion Ratio Lower Upper
93 100
95 82.7 65.8 98.6
174 92.2 71.7 107.5

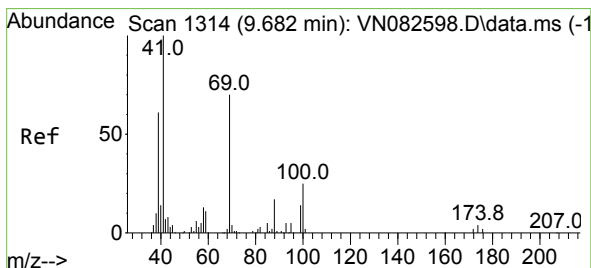
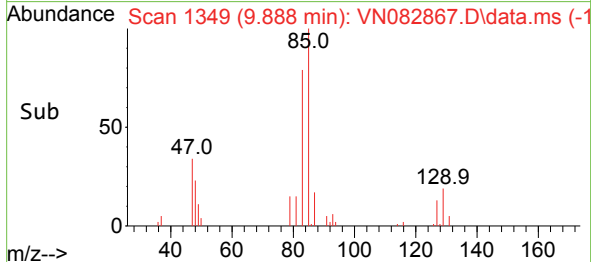
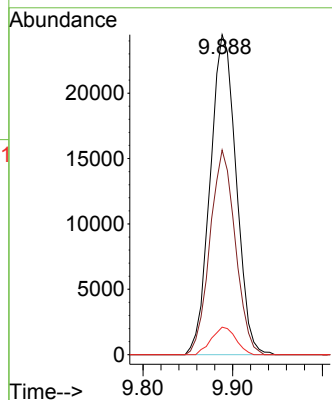
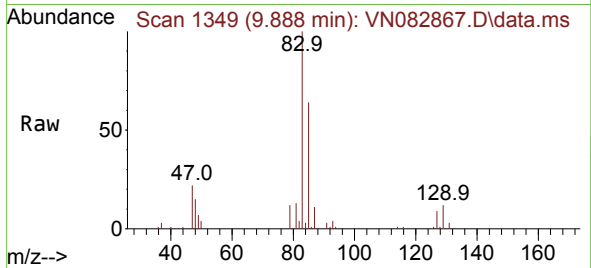




#47
Bromodichloromethane
Concen: 18.412 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

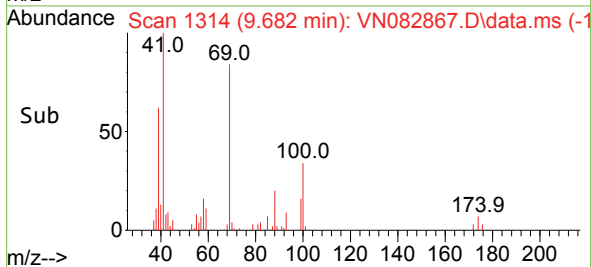
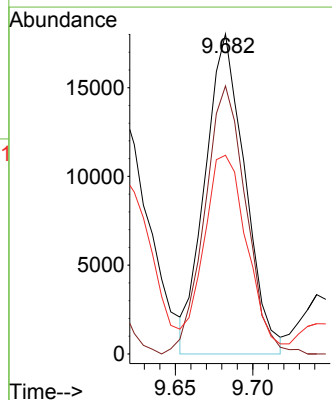
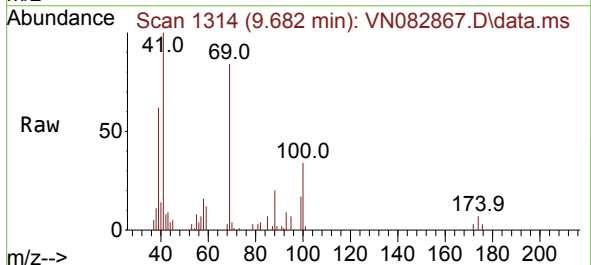
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

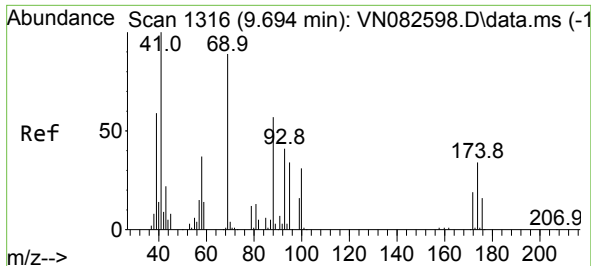
Tgt Ion:	83	Resp:	49117
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.1	76.7
127	8.6	7.2	10.8



#48
Methyl methacrylate
Concen: 17.520 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:	41	Resp:	32275
Ion Ratio	Lower	Upper	
41	100		
69	86.5	56.3	84.5
39	67.4	50.3	75.5





#49

1,4-Dioxane

Concen: 327.161 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

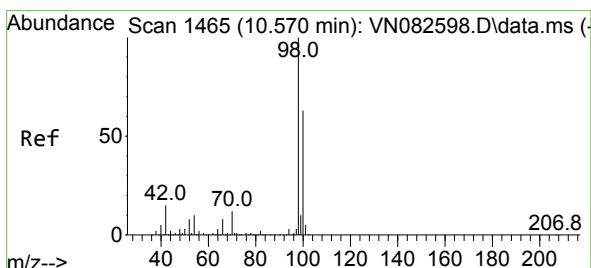
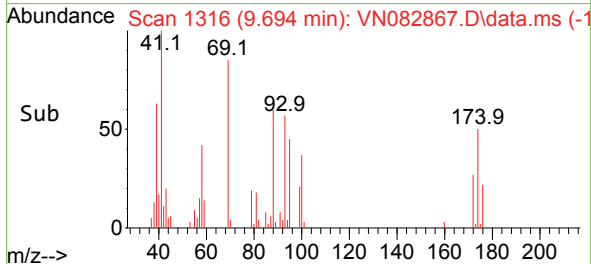
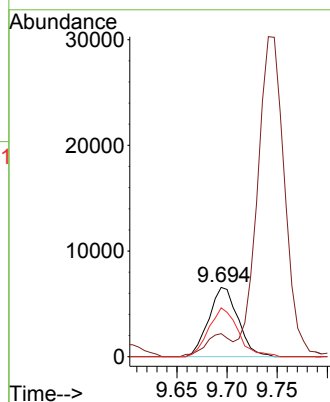
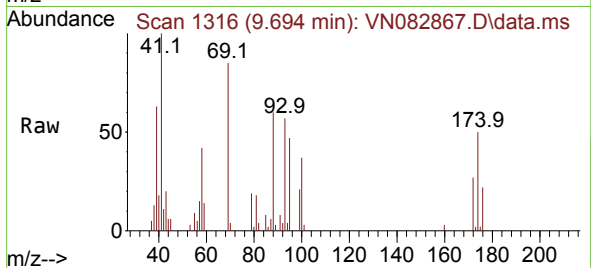
Tgt Ion: 88 Resp: 13306

Ion Ratio Lower Upper

88 100

43 29.0 27.8 41.8

58 70.7 59.4 89.0



#50

Toluene-d8

Concen: 50.914 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082867.D

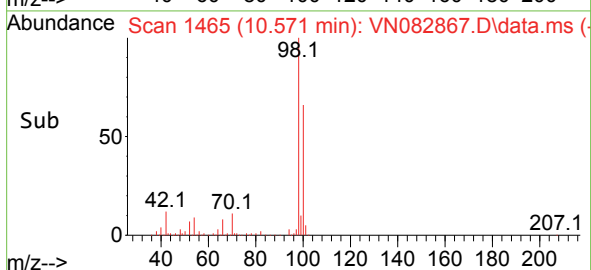
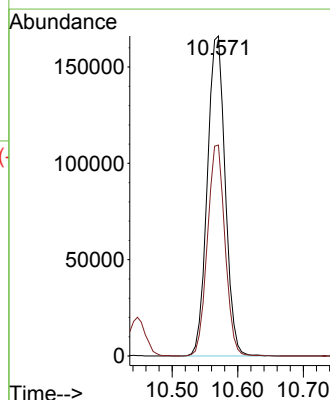
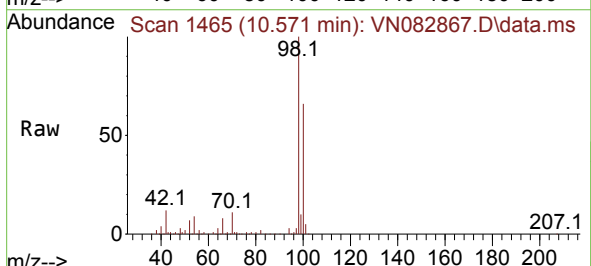
Acq: 11 Jul 2024 11:20

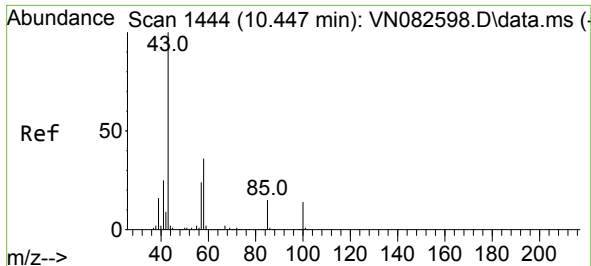
Tgt Ion: 98 Resp: 314750

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3

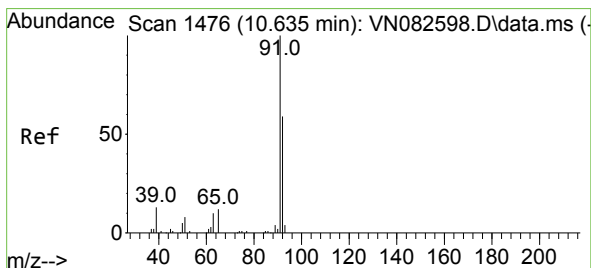
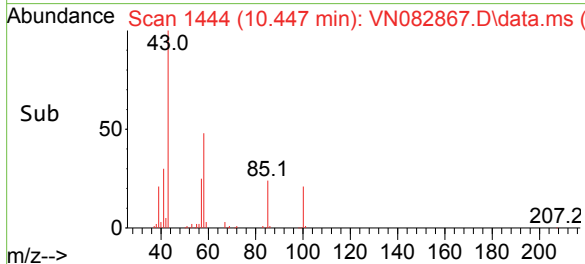
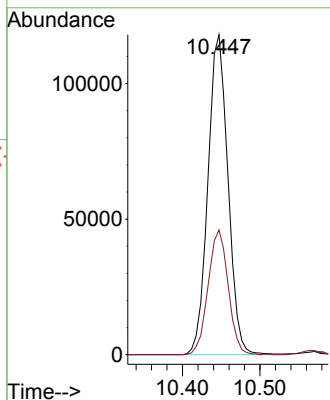
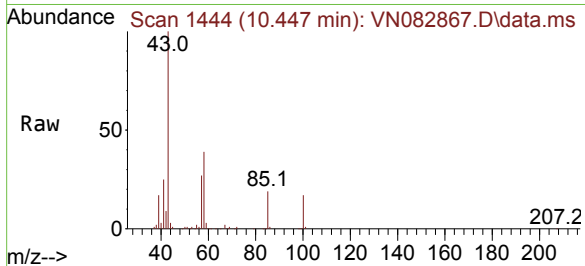




#51
4-Methyl-2-Pentanone
Concen: 91.061 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

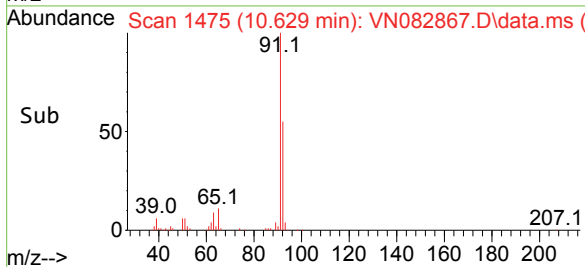
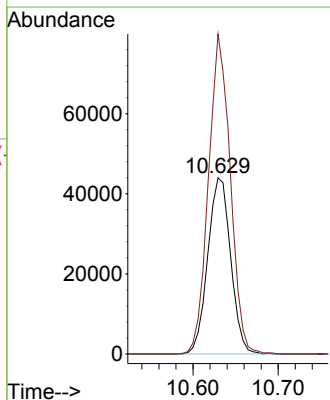
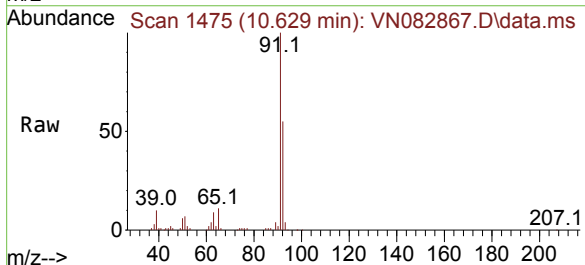
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

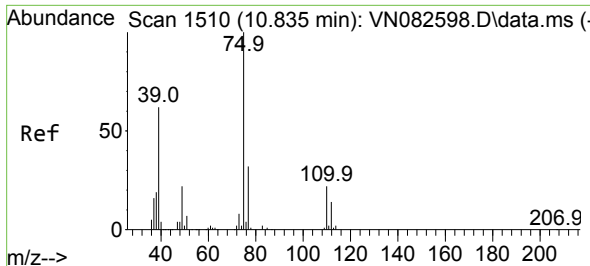
Tgt Ion: 43 Resp: 212095
Ion Ratio Lower Upper
43 100
58 39.1 28.2 42.4



#52
Toluene
Concen: 18.545 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 92 Resp: 82232
Ion Ratio Lower Upper
92 100
91 173.5 139.4 209.0

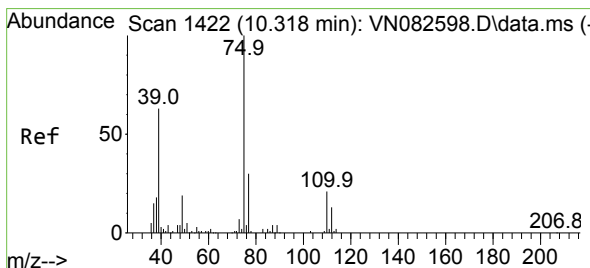
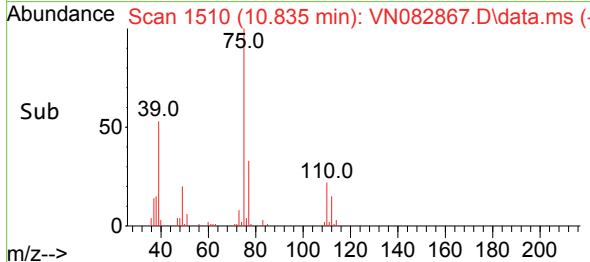
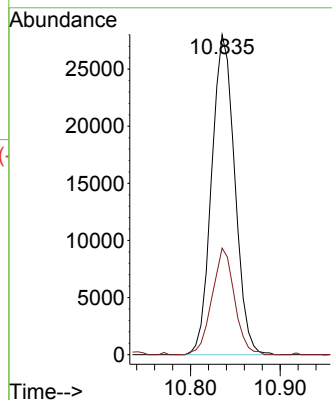
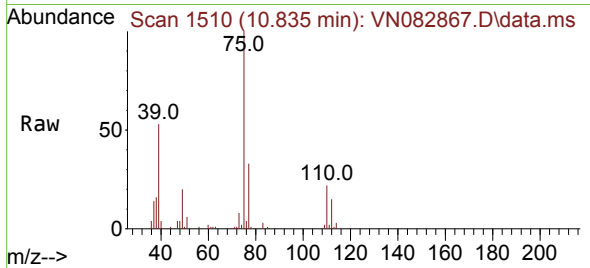




#53
 t-1,3-Dichloropropene
 Concen: 18.232 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

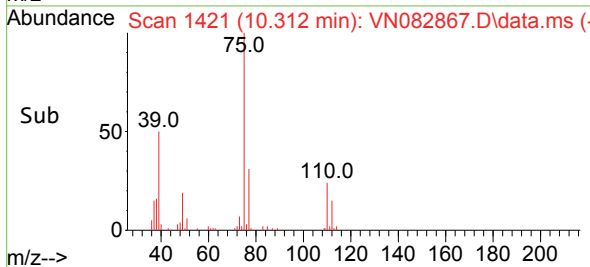
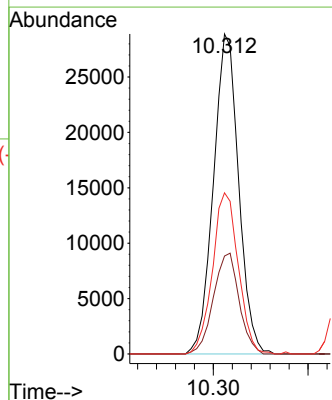
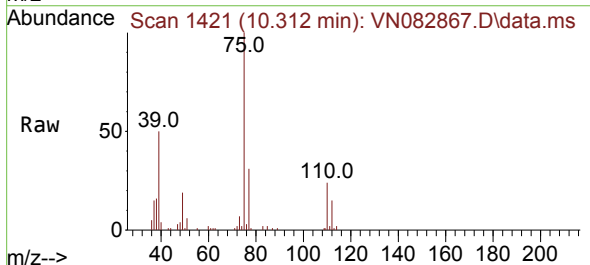
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

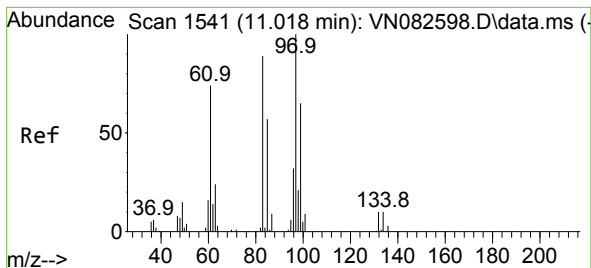
Tgt Ion: 75 Resp: 50105
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.342 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082867.D
 Acq: 11 Jul 2024 11:20

Tgt Ion: 75 Resp: 53353
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.3 36.5
 39 50.4 50.5 75.7#





#55

1,1,2-Trichloroethane

Concen: 18.956 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tgt Ion: 97 Resp: 30908

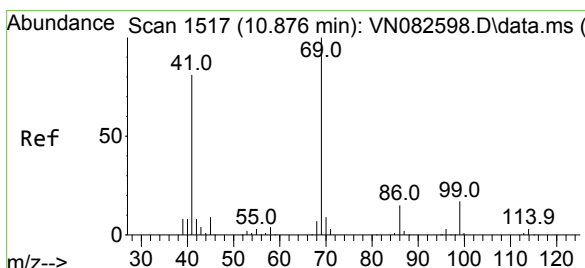
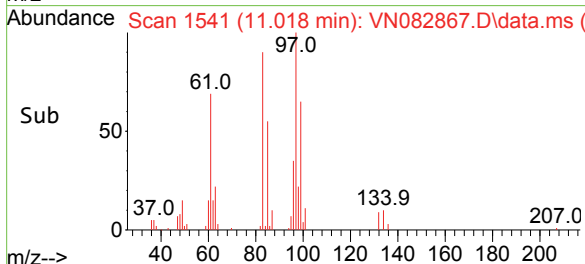
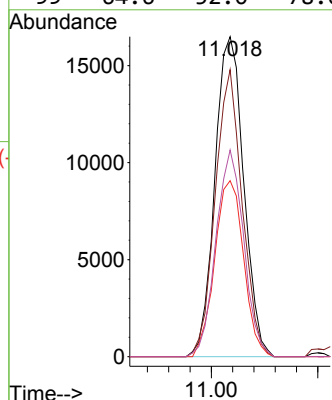
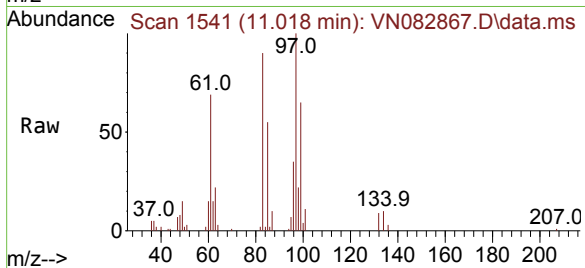
Ion Ratio Lower Upper

97 100

83 89.7 71.4 107.0

85 55.0 45.8 68.6

99 64.6 52.0 78.0



#56

Ethyl methacrylate

Concen: 18.812 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

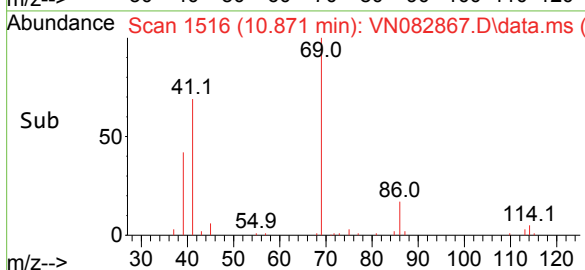
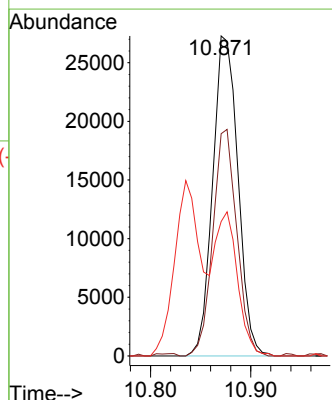
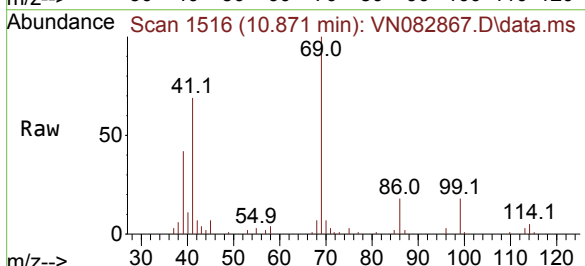
Tgt Ion: 69 Resp: 47721

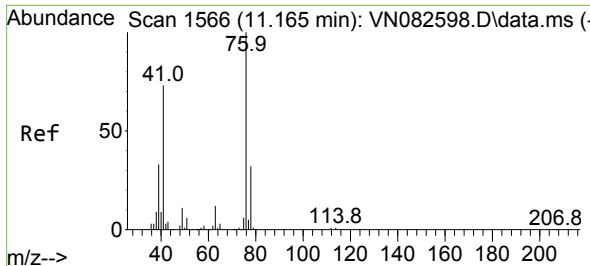
Ion Ratio Lower Upper

69 100

41 67.4 63.4 95.2

39 39.8 37.4 56.0





#57

1,3-Dichloropropane

Concen: 18.376 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

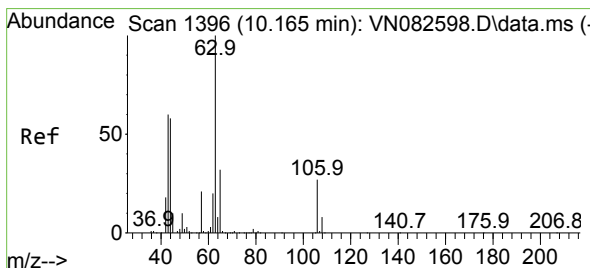
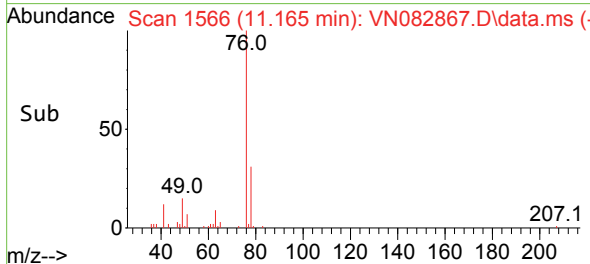
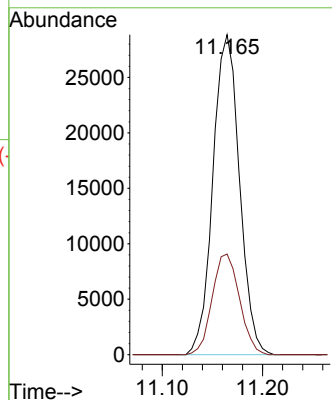
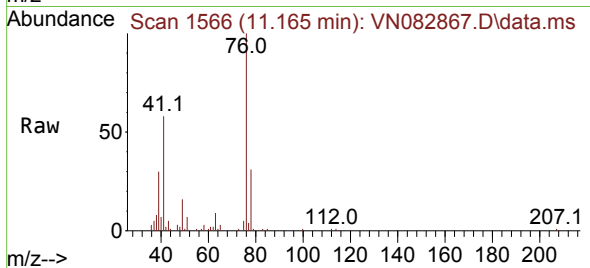
VN0711WBS01

Tgt Ion: 76 Resp: 53039

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.847 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082867.D

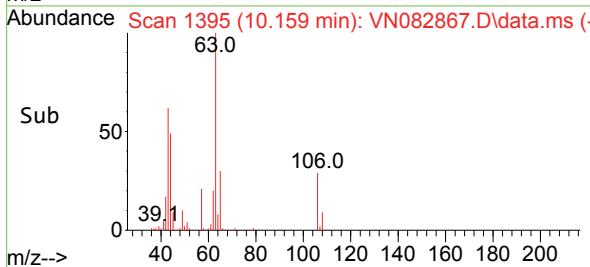
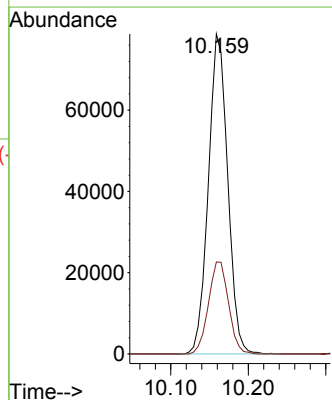
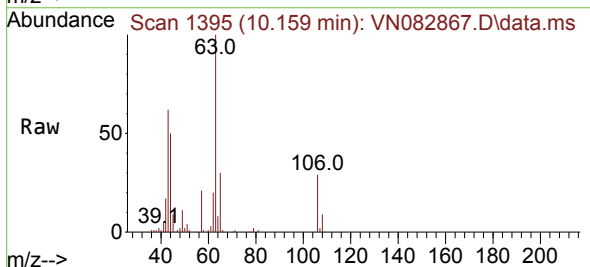
Acq: 11 Jul 2024 11:20

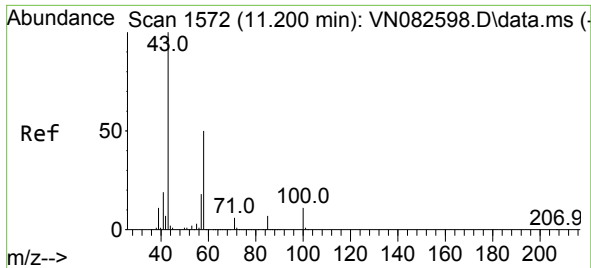
Tgt Ion: 63 Resp: 136478

Ion Ratio Lower Upper

63 100

106 29.8 21.4 32.0

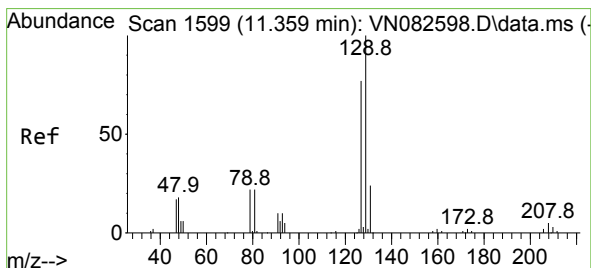
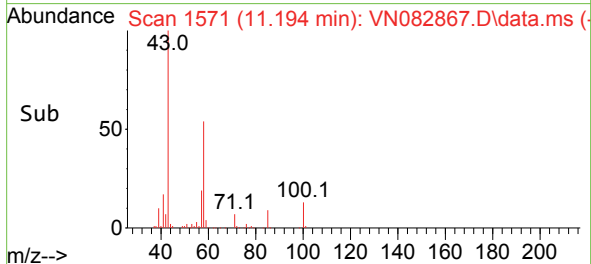
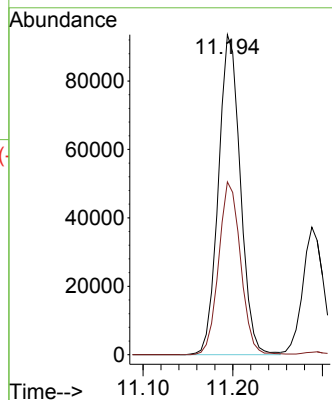
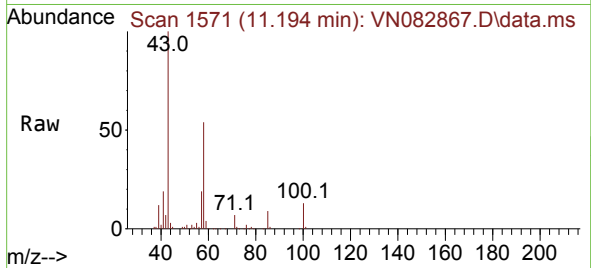




#59
2-Hexanone
Concen: 91.596 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

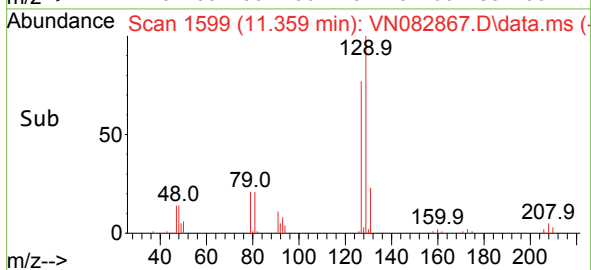
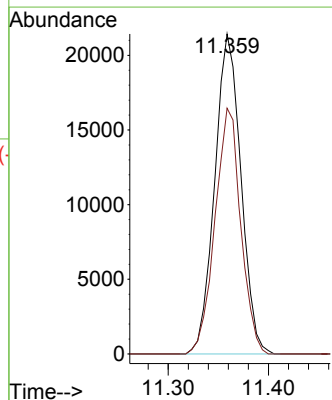
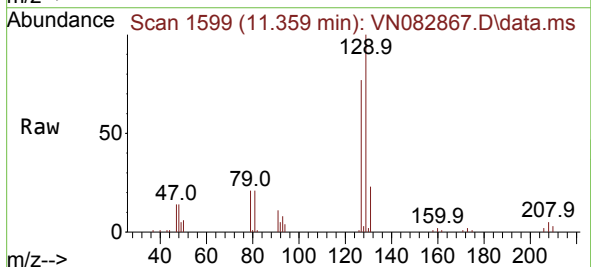
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

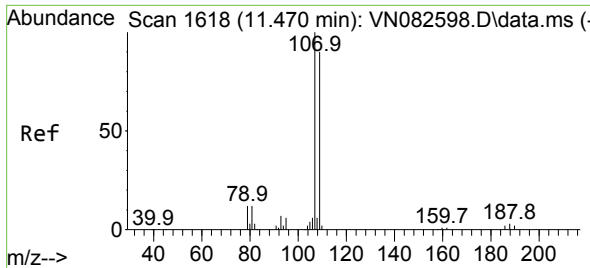
Tgt Ion: 43 Resp: 158616
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.8



#60
Dibromochloromethane
Concen: 18.736 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 129 Resp: 38910
Ion Ratio Lower Upper
129 100
127 75.5 39.2 117.6

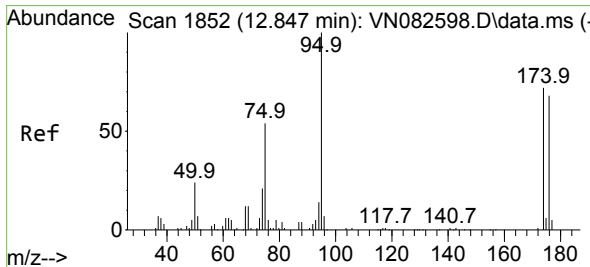
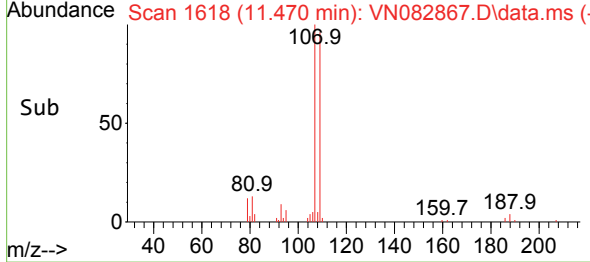
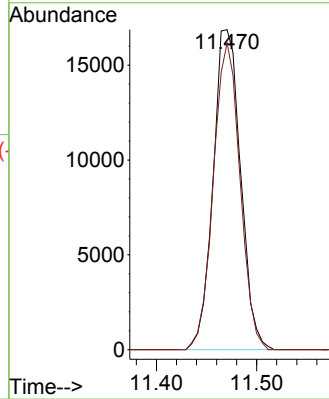
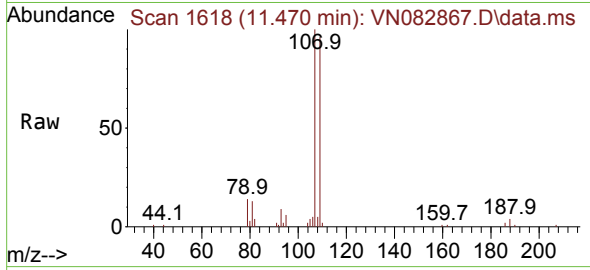




#61
1,2-Dibromoethane
Concen: 18.523 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

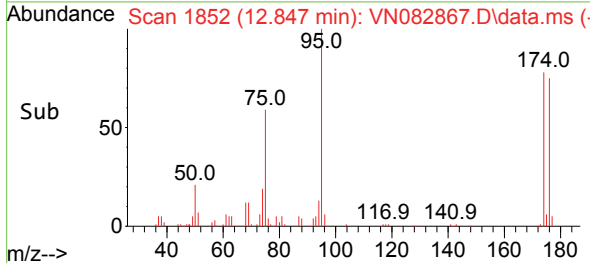
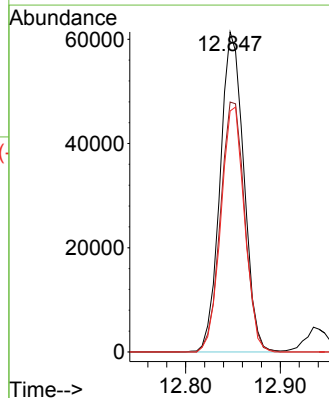
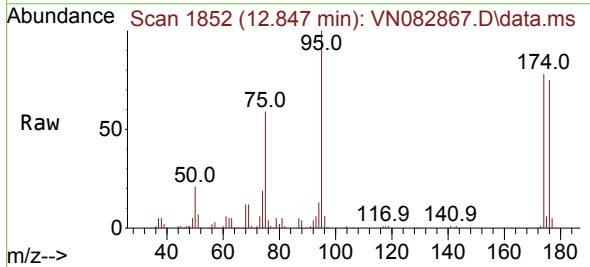
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

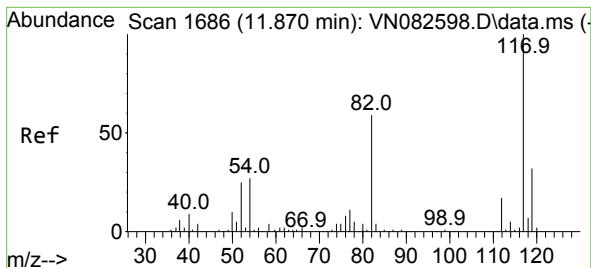
Tgt Ion:107 Resp: 32074
Ion Ratio Lower Upper
107 100
109 93.1 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 95 Resp: 106836
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 76.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

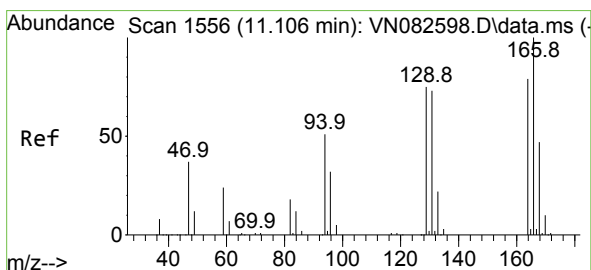
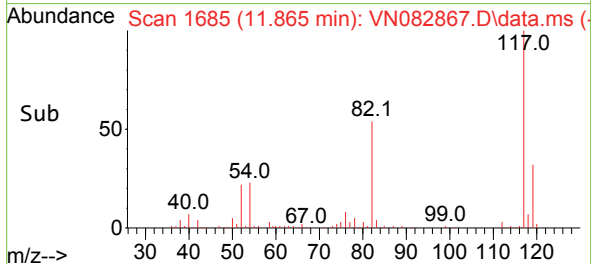
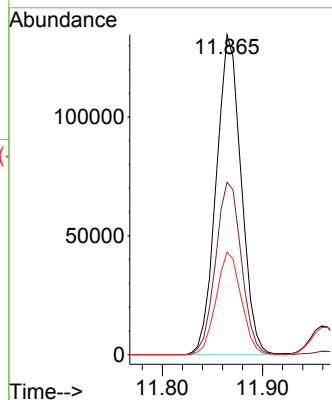
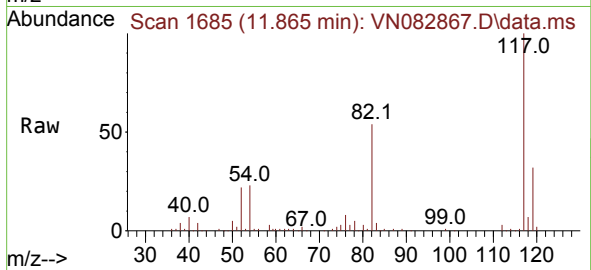
Tgt Ion:117 Resp: 232303

Ion Ratio Lower Upper

117 100

82 53.9 47.5 71.3

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 18.222 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Tgt Ion:164 Resp: 31581

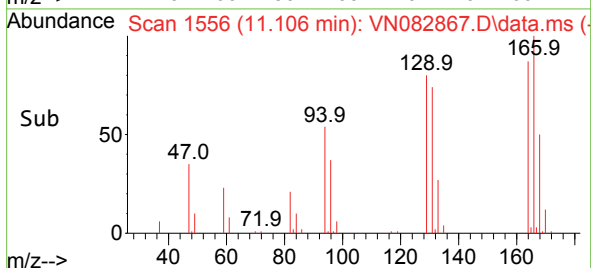
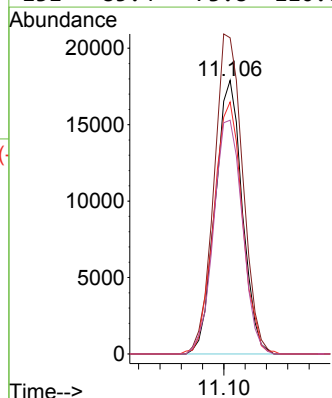
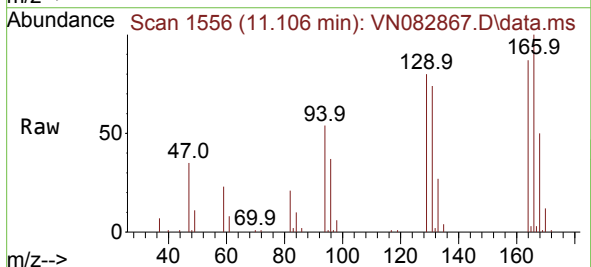
Ion Ratio Lower Upper

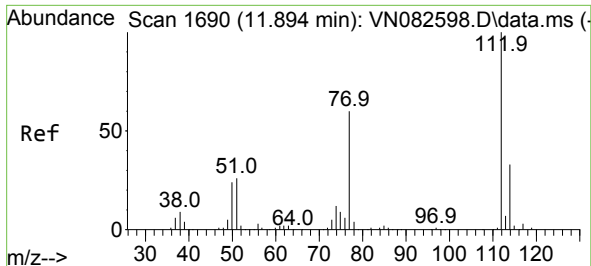
164 100

166 115.6 101.4 152.0

129 92.1 75.7 113.5

131 85.4 73.8 110.6

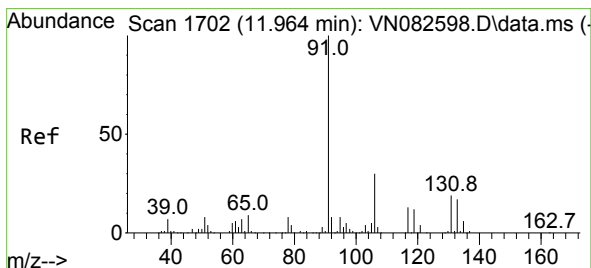
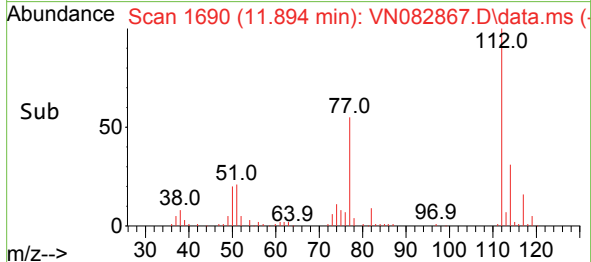
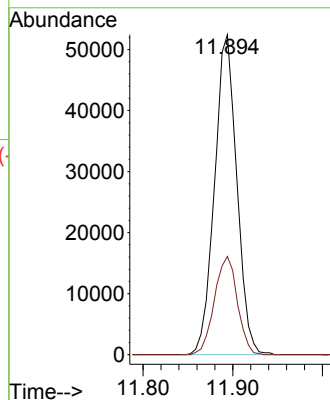
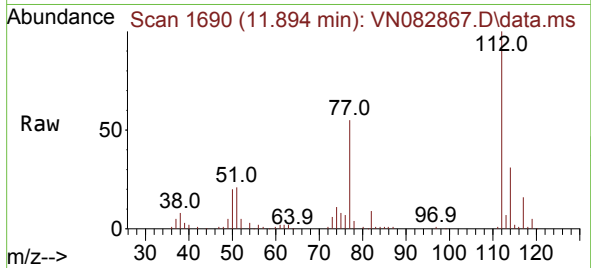




#65
Chlorobenzene
Concen: 18.132 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

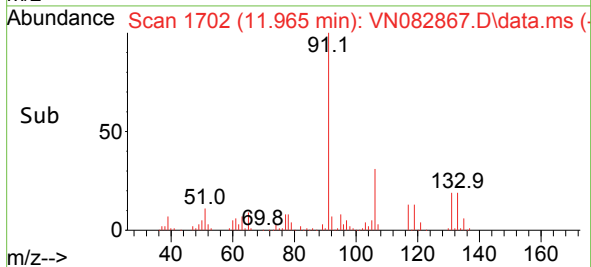
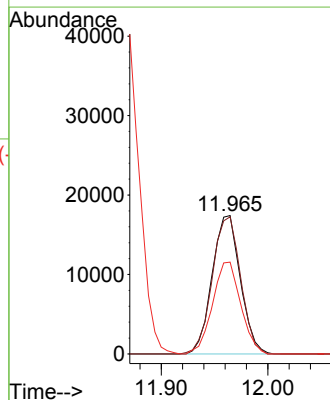
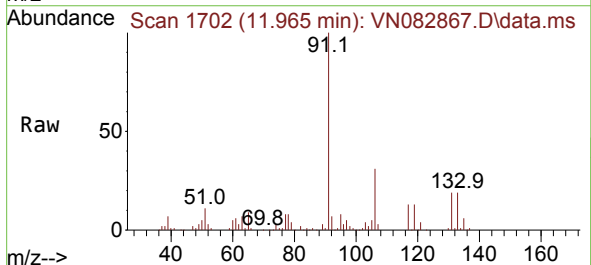
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

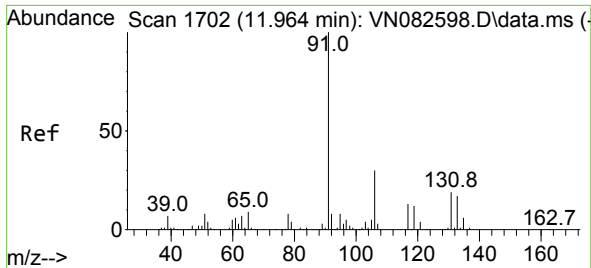
Tgt Ion:112 Resp: 90261
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.069 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:131 Resp: 31993
Ion Ratio Lower Upper
131 100
133 99.7 47.3 142.0
119 66.4 32.5 97.4

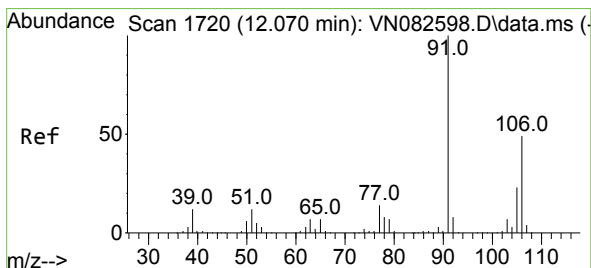
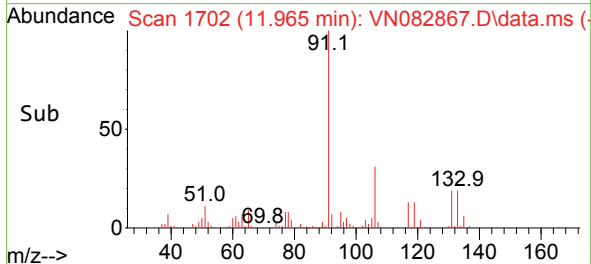
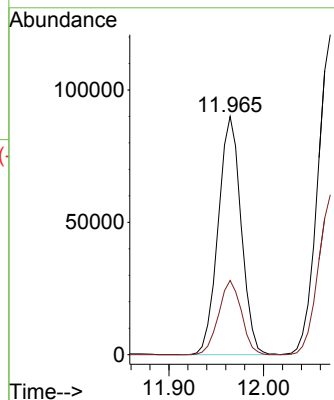
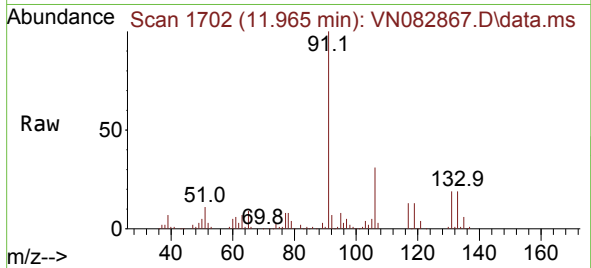




#67
Ethyl Benzene
Concen: 18.112 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

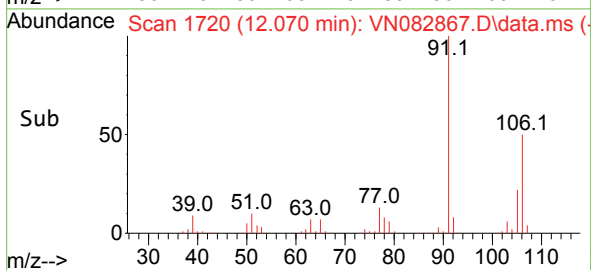
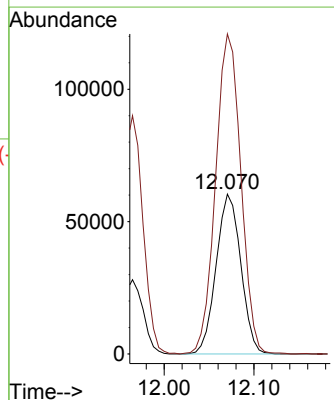
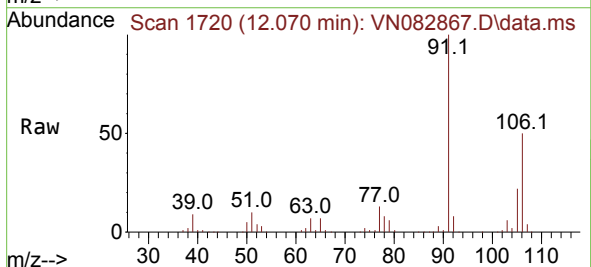
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

Tgt Ion: 91 Resp: 151532
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 36.486 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:106 Resp: 115244
Ion Ratio Lower Upper
106 100
91 205.3 166.1 249.1





#69

o-Xylene

Concen: 18.585 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

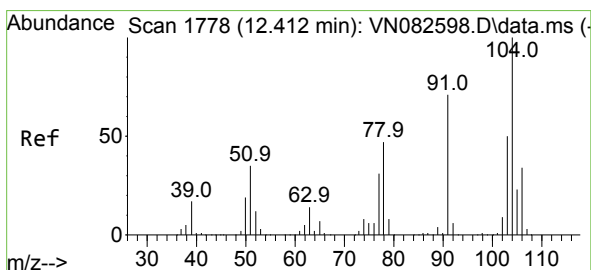
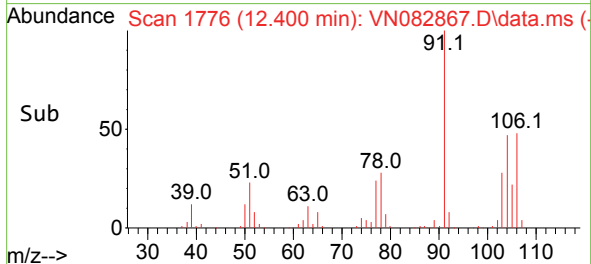
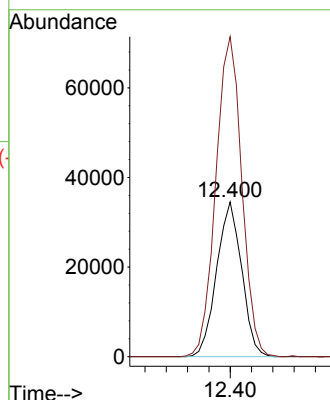
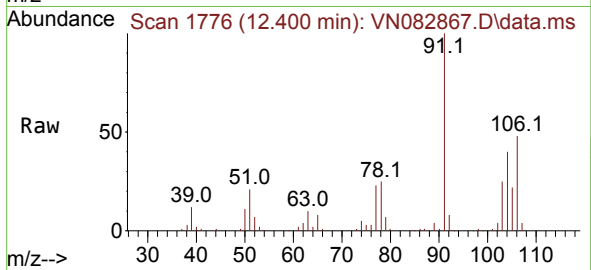
VN0711WBS01

Tgt Ion:106 Resp: 56249

Ion Ratio Lower Upper

106 100

91 214.5 111.3 333.9



#70

Styrene

Concen: 18.461 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

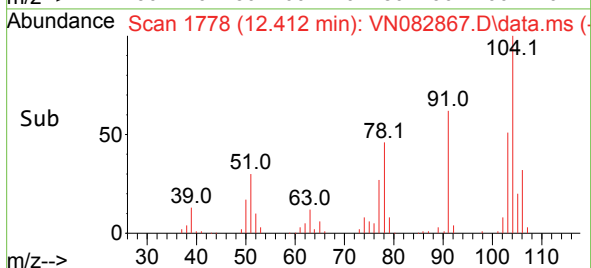
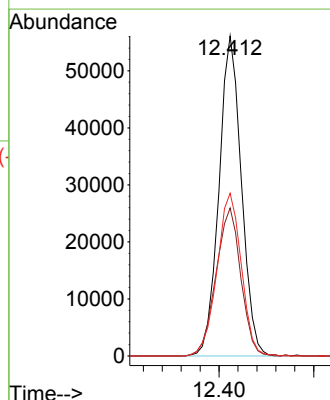
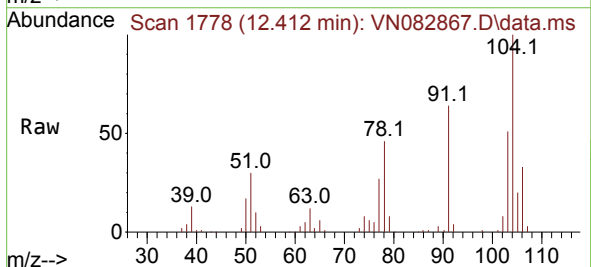
Tgt Ion:104 Resp: 92319

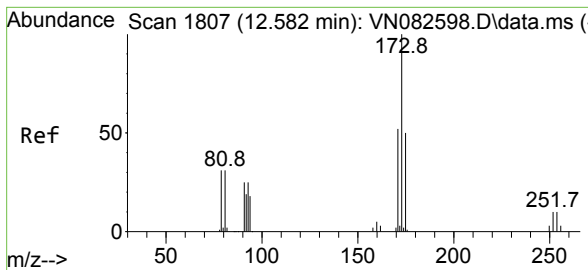
Ion Ratio Lower Upper

104 100

78 51.0 41.6 62.4

103 55.2 44.0 66.0

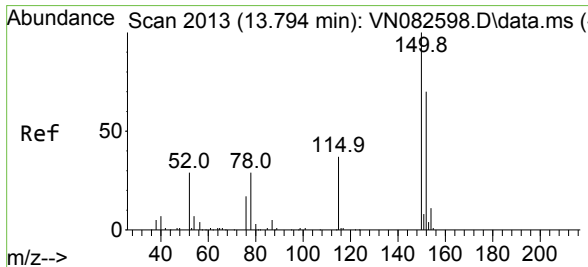
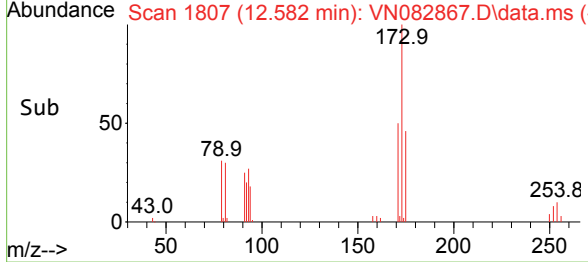
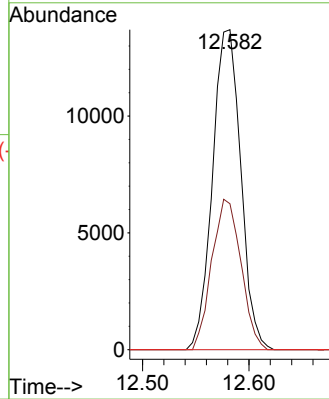
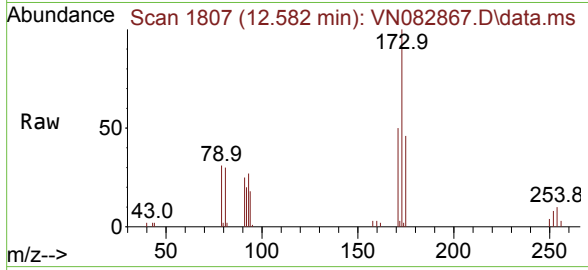




#71
Bromoform
Concen: 18.117 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

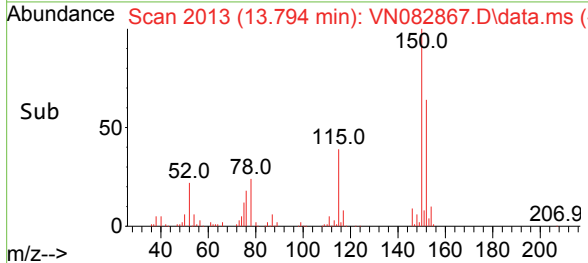
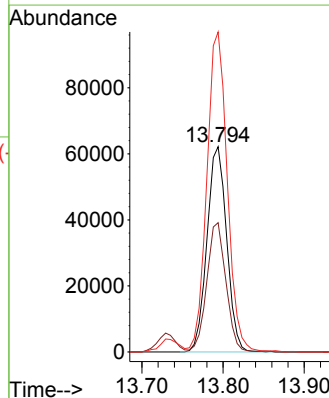
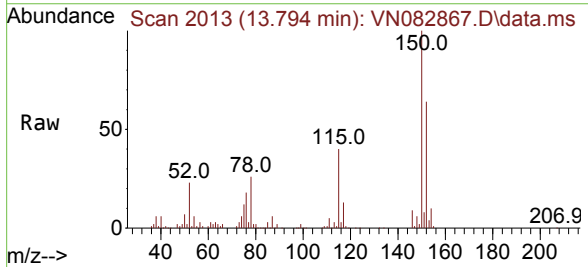
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

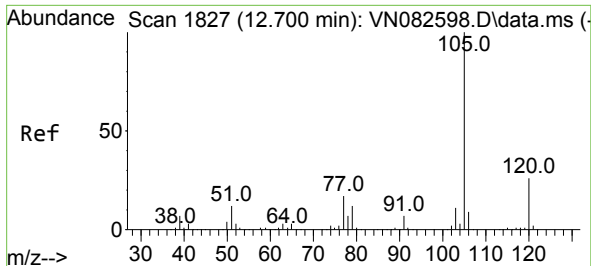
Tgt Ion:173 Resp: 25228
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:152 Resp: 104710
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.6
150 161.5 0.0 348.6

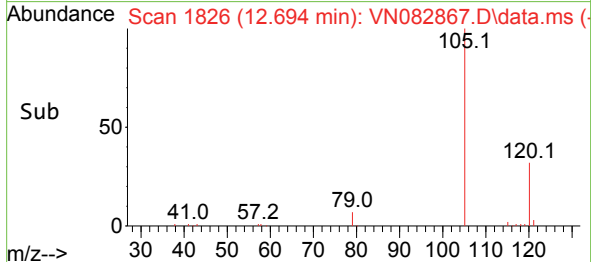
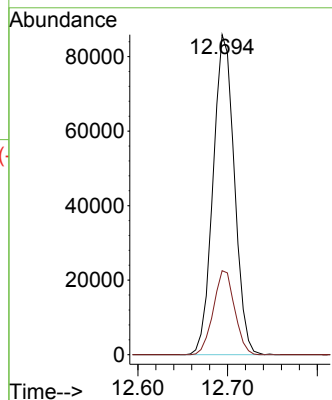
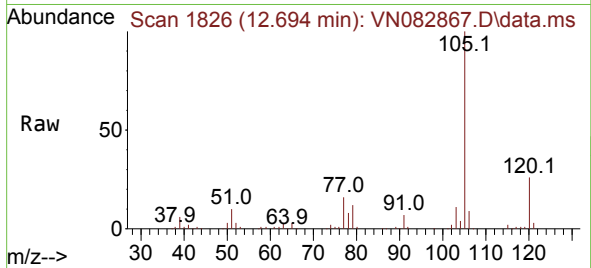




#73
Isopropylbenzene
Concen: 18.593 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

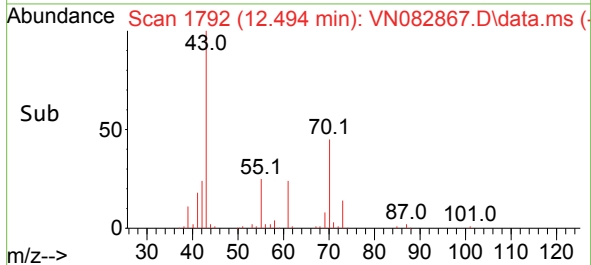
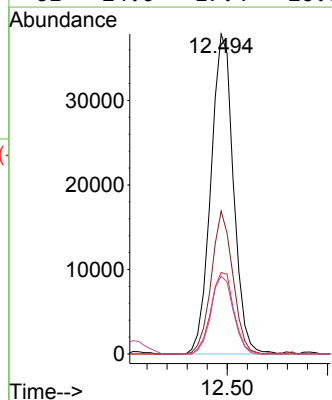
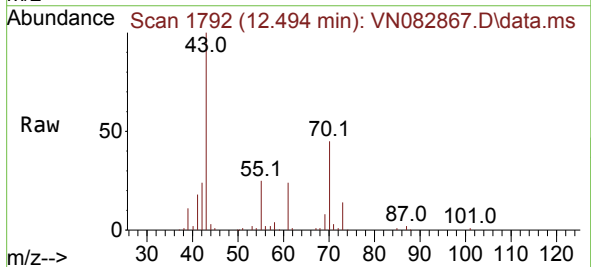
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

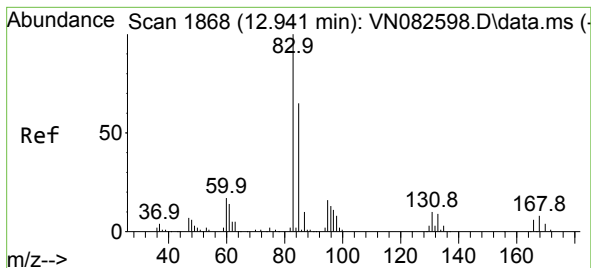
Tgt Ion:105 Resp: 141471
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 18.814 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 43 Resp: 59211
Ion Ratio Lower Upper
43 100
70 42.6 29.8 44.6
55 25.9 18.7 28.1
61 24.0 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.895 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

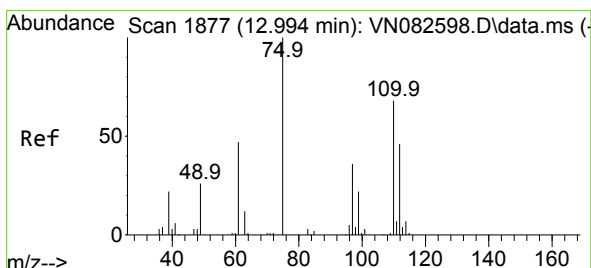
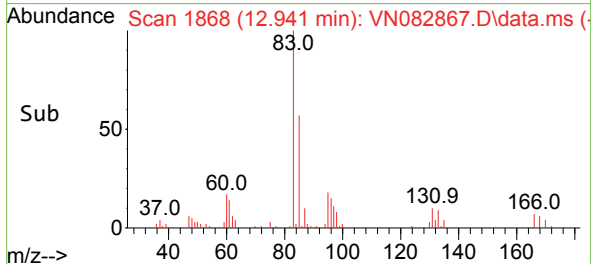
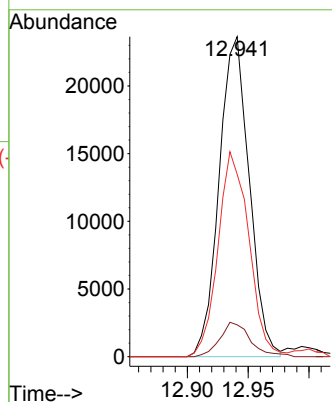
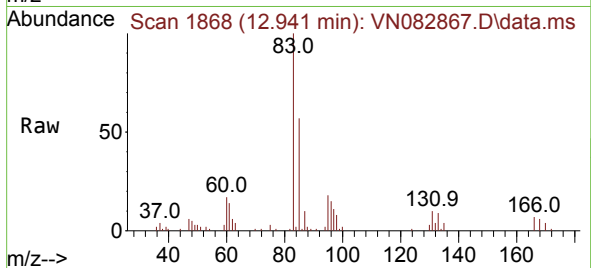
Tgt Ion: 83 Resp: 40779

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 32.572 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082867.D

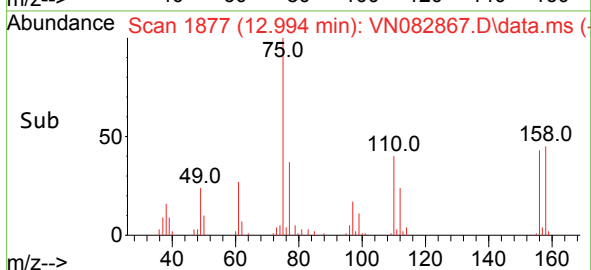
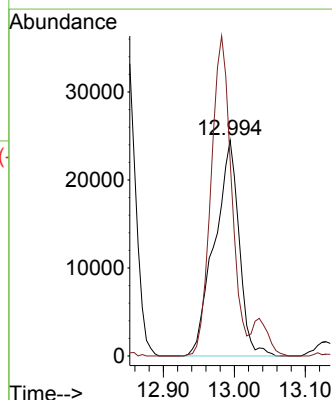
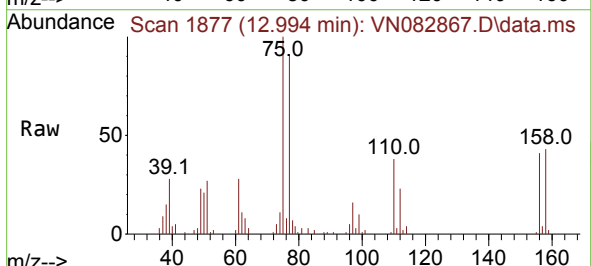
Acq: 11 Jul 2024 11:20

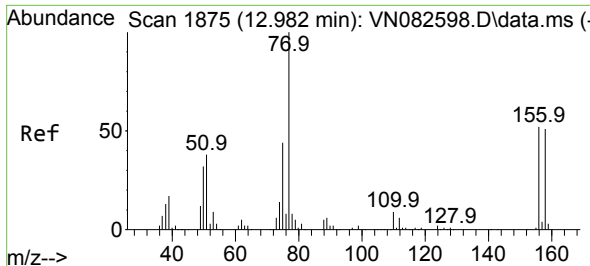
Tgt Ion: 75 Resp: 58801

Ion Ratio Lower Upper

75 100

77 122.9 110.9 332.6

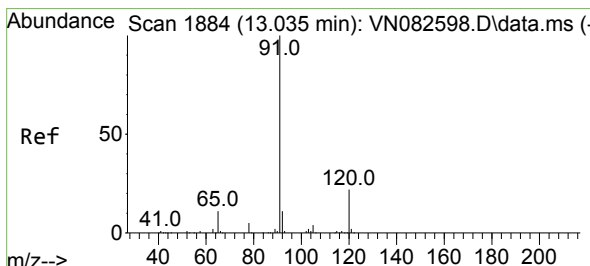
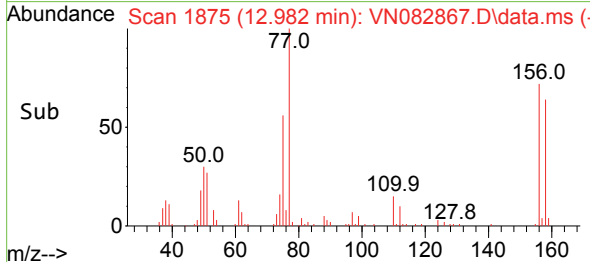
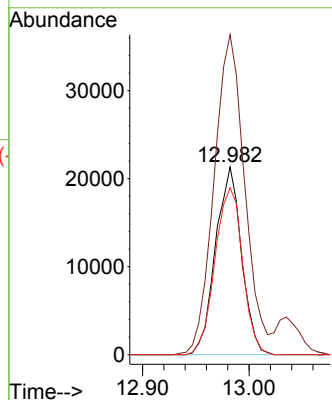
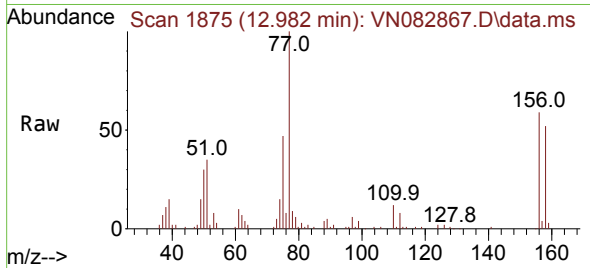




#77
Bromobenzene
Concen: 18.380 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

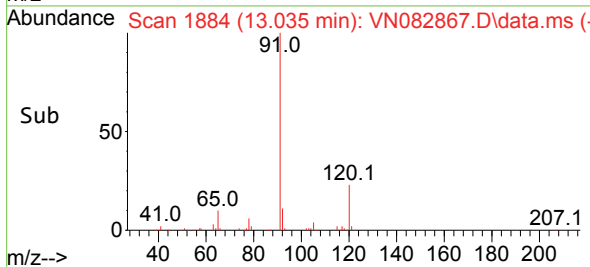
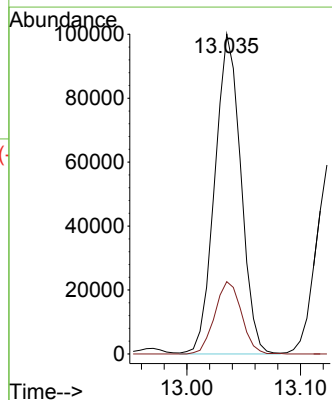
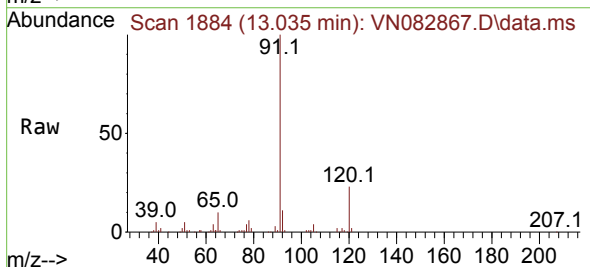
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

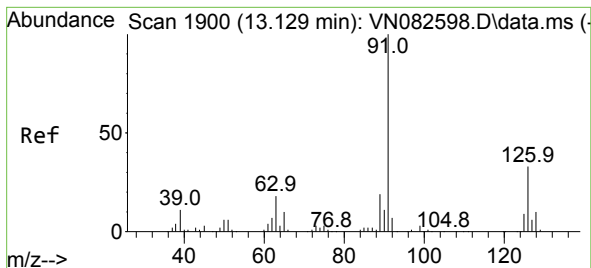
Tgt Ion:156 Resp: 36078
Ion Ratio Lower Upper
156 100
77 200.4 111.3 333.8
158 94.6 48.3 144.9



#78
n-propylbenzene
Concen: 18.241 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 91 Resp: 159577
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.340 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

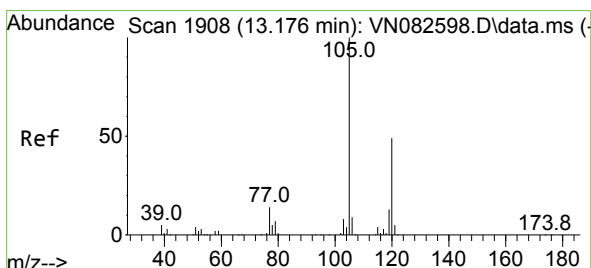
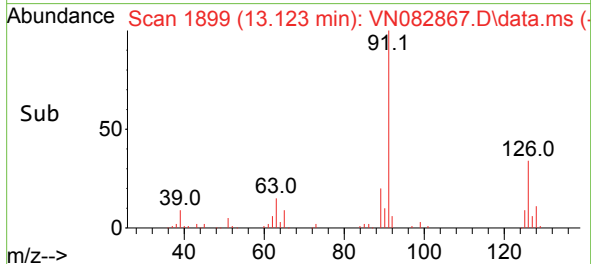
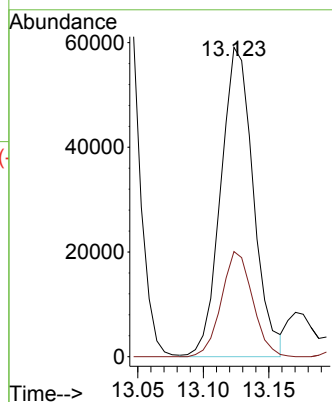
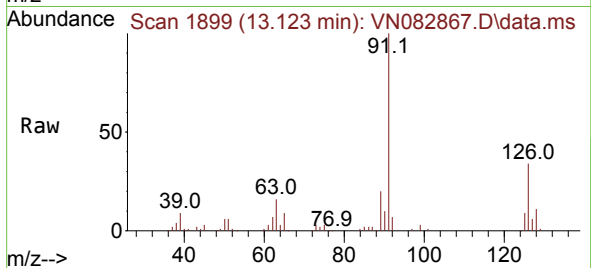
VN0711WBS01

Tgt Ion: 91 Resp: 102228

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 18.754 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN082867.D

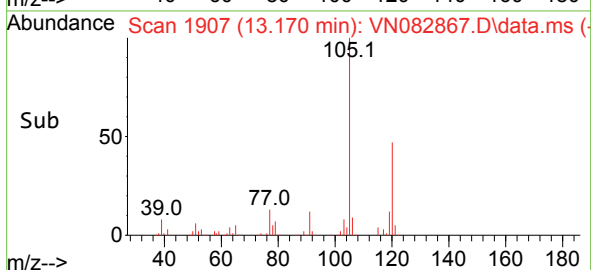
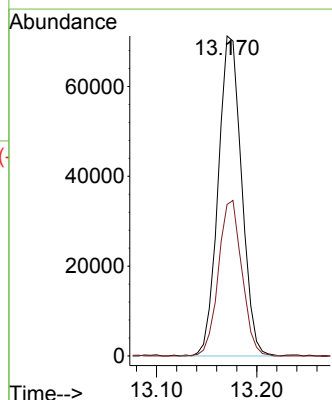
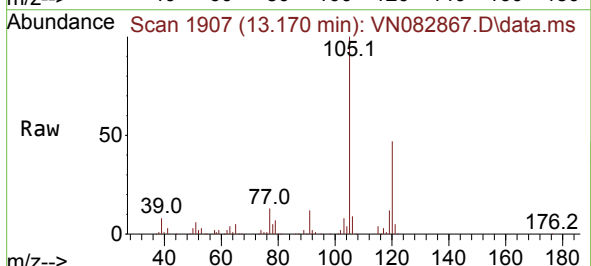
Acq: 11 Jul 2024 11:20

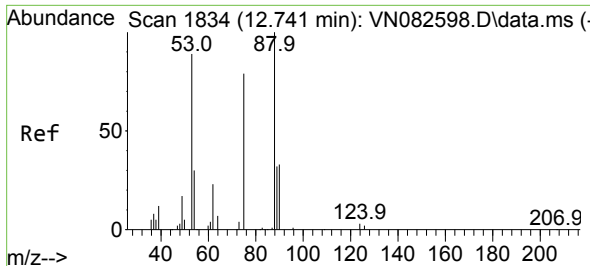
Tgt Ion:105 Resp: 115345

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

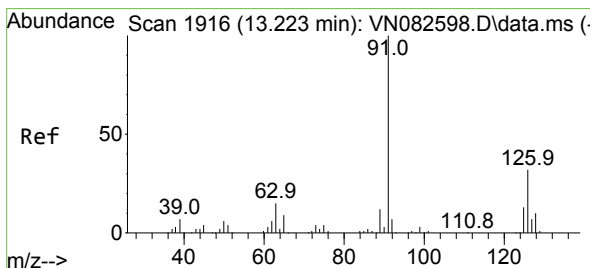
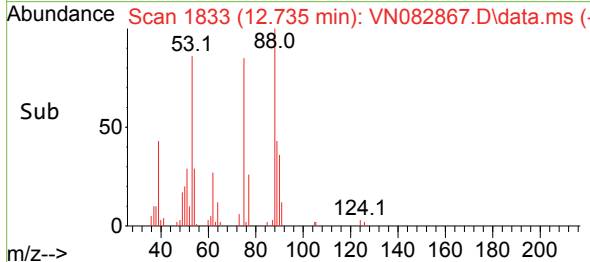
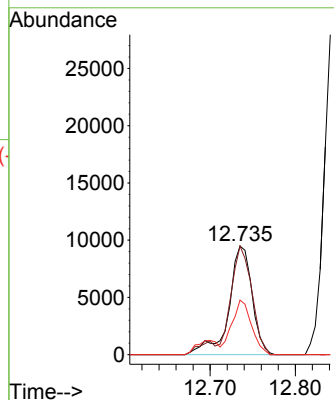
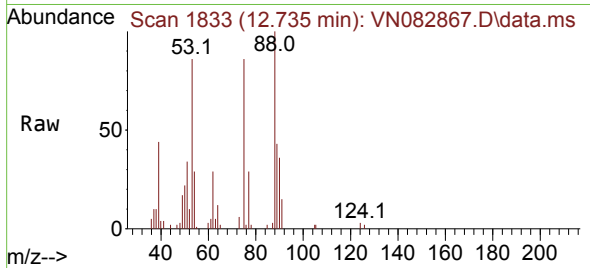




#81
trans-1,4-Dichloro-2-butene
Concen: 19.657 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

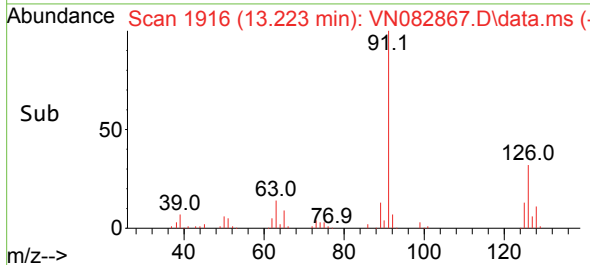
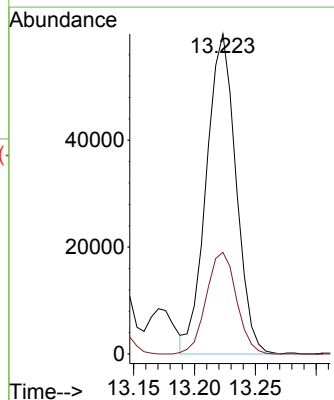
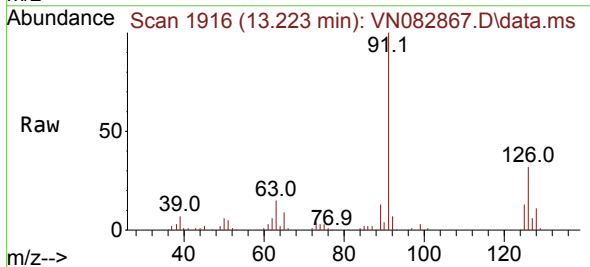
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

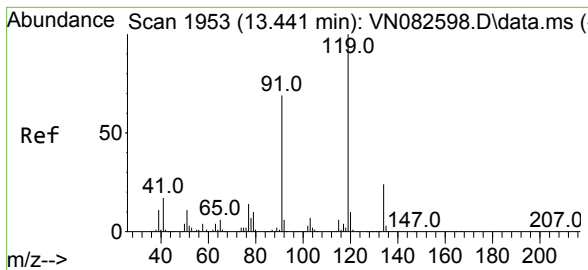
Tgt Ion: 75 Resp: 18043
Ion Ratio Lower Upper
75 100
53 98.3 88.4 132.6
89 42.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.388 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion: 91 Resp: 101451
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

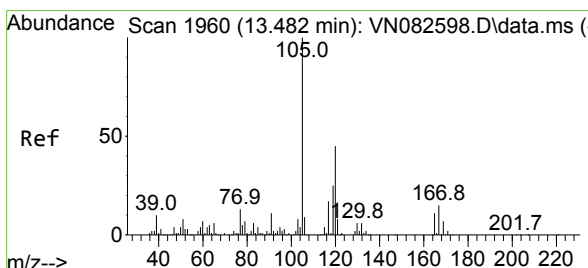
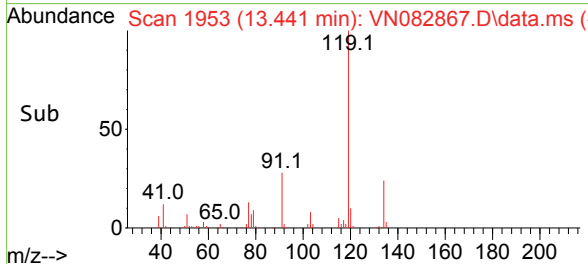
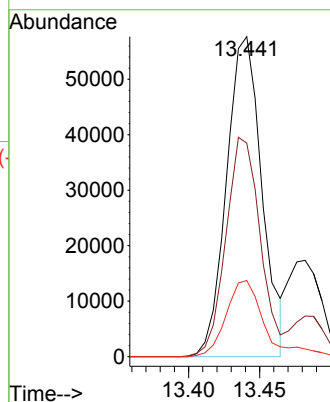
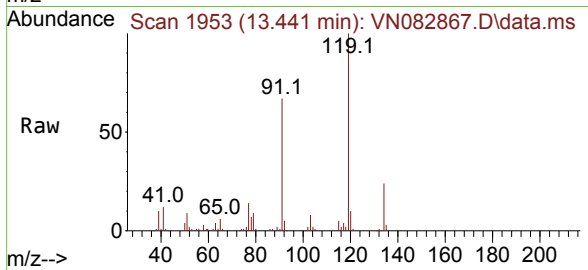




#83
tert-Butylbenzene
Concen: 18.353 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

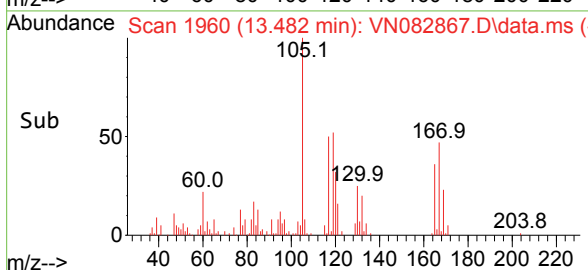
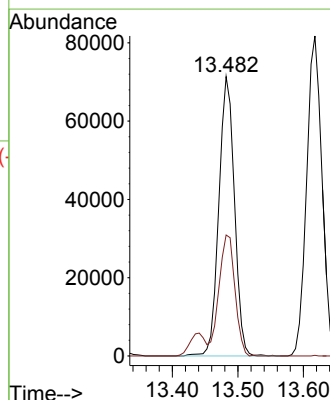
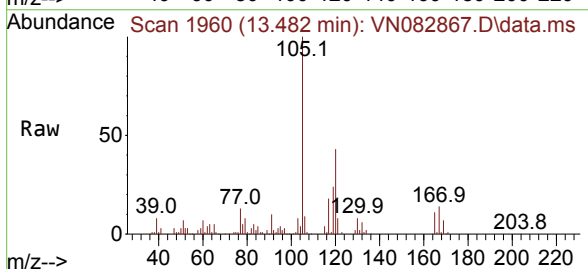
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

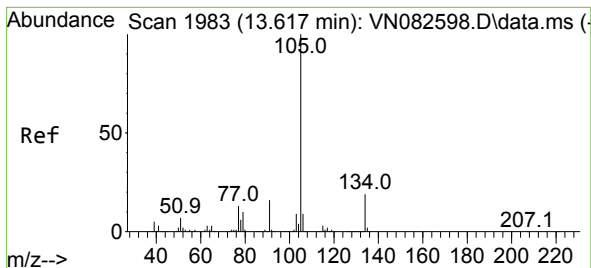
Tgt Ion:119 Resp: 100069
Ion Ratio Lower Upper
119 100
91 66.4 35.0 105.1
134 25.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 18.706 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082867.D
Acq: 11 Jul 2024 11:20

Tgt Ion:105 Resp: 117260
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.013 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

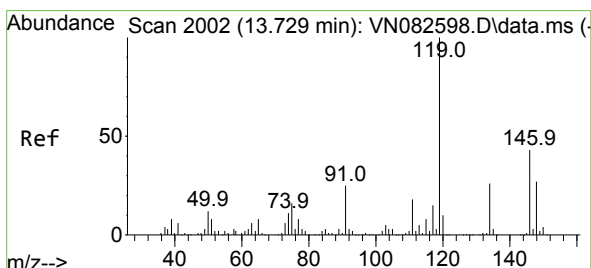
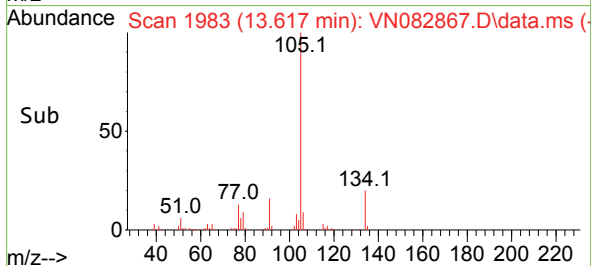
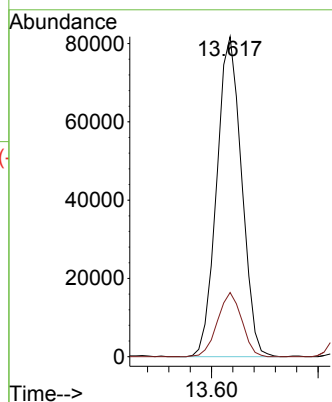
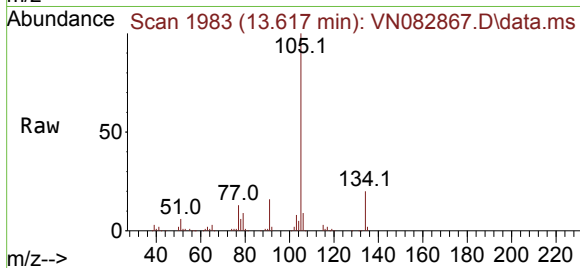
VN0711WBS01

Tgt Ion:105 Resp: 132725

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.738 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

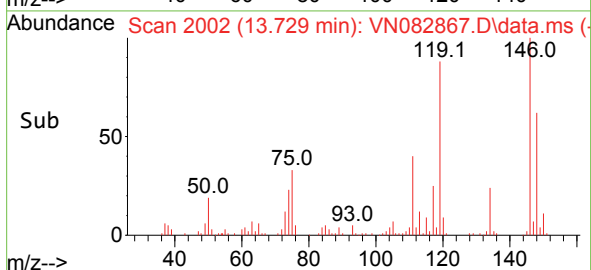
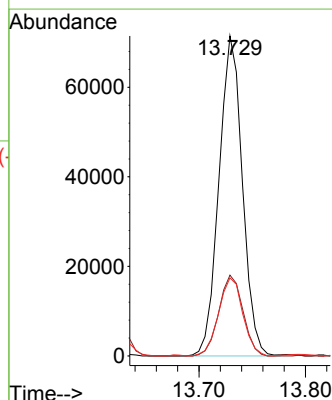
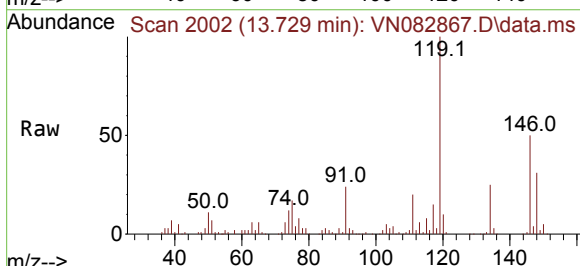
Tgt Ion:119 Resp: 109047

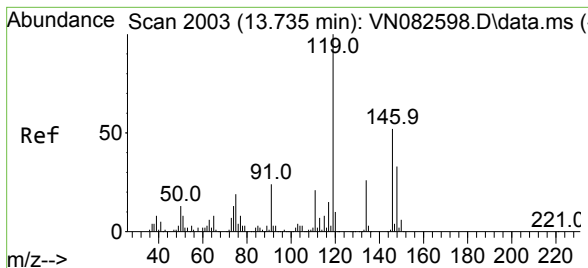
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 25.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 17.595 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

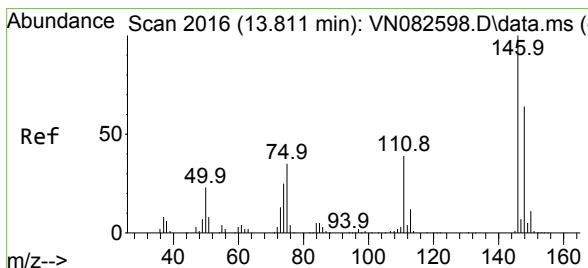
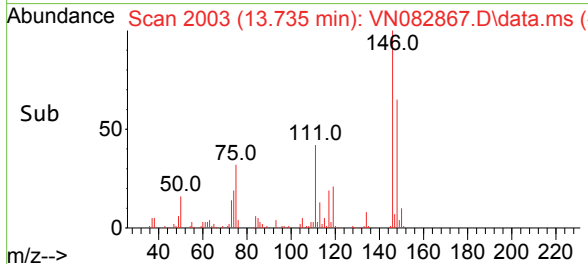
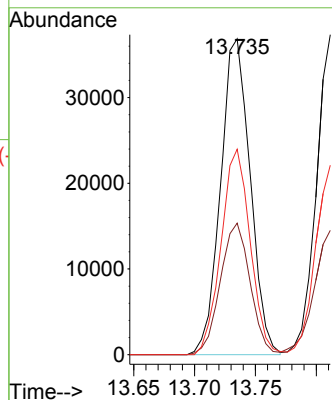
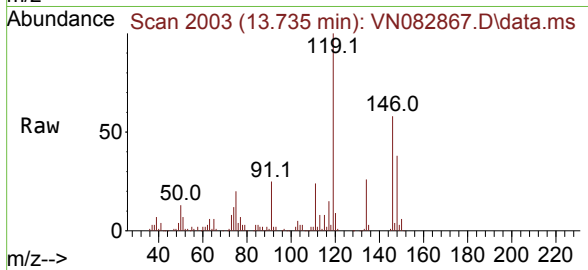
Tgt Ion:146 Resp: 62392

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 17.007 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

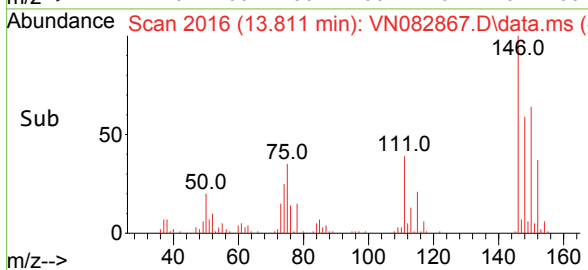
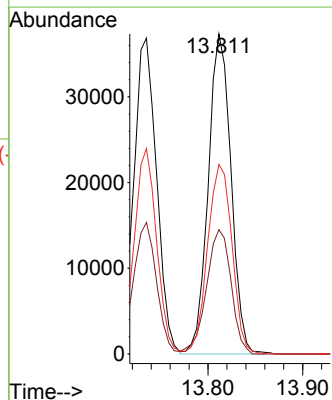
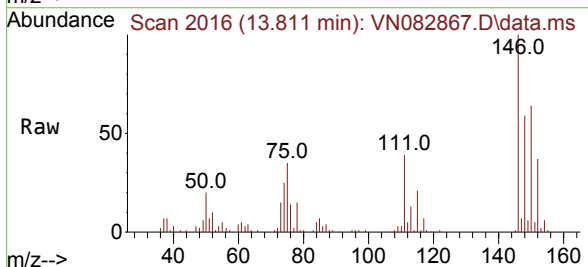
Tgt Ion:146 Resp: 62369

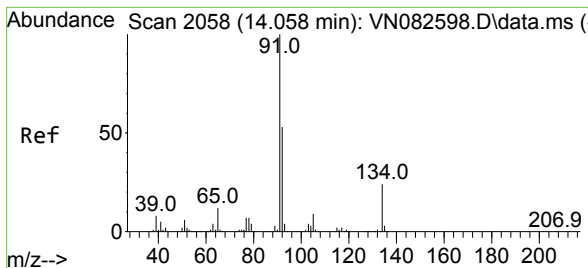
Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.3

148 63.3 32.2 96.6





#89

n-Butylbenzene

Concen: 17.260 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

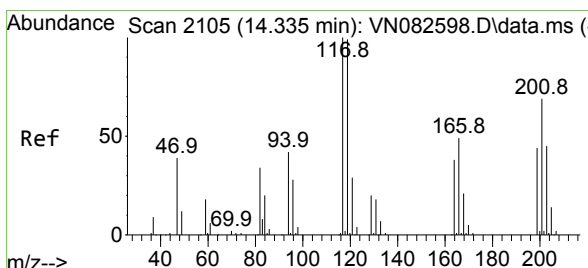
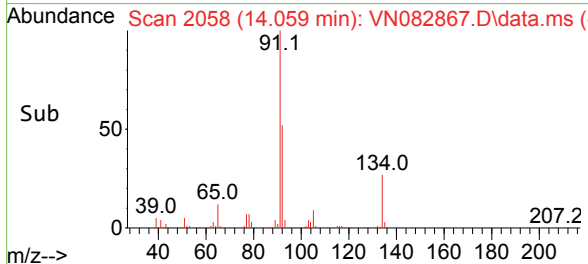
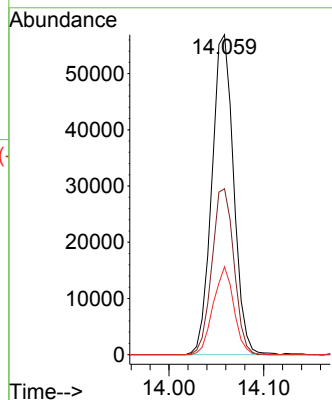
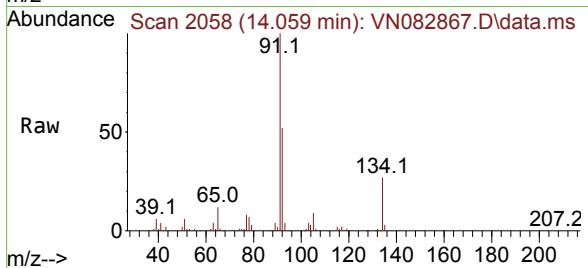
Tgt Ion: 91 Resp: 90902

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 26.0 12.1 36.3



#90

Hexachloroethane

Concen: 17.250 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082867.D

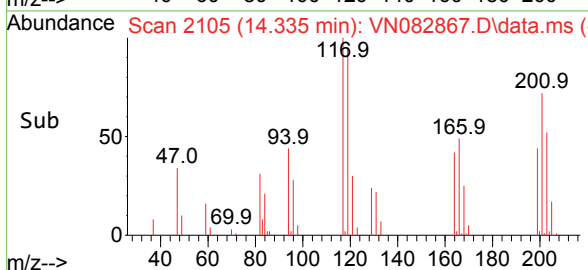
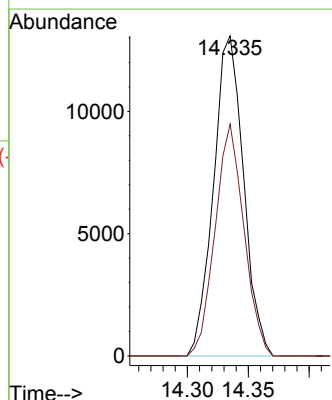
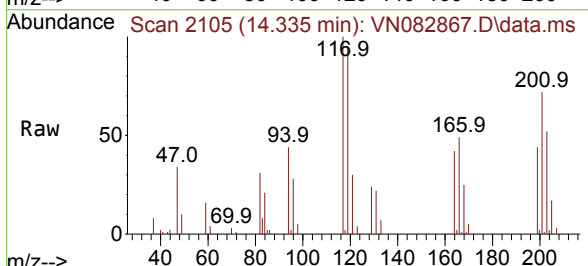
Acq: 11 Jul 2024 11:20

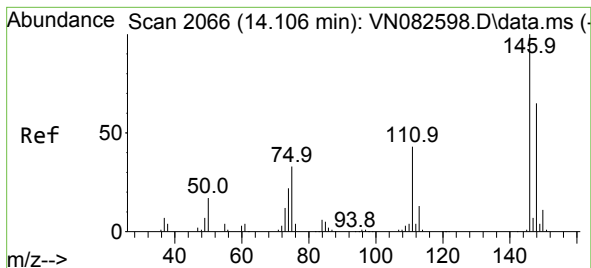
Tgt Ion: 117 Resp: 22438

Ion Ratio Lower Upper

117 100

201 69.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 17.992 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

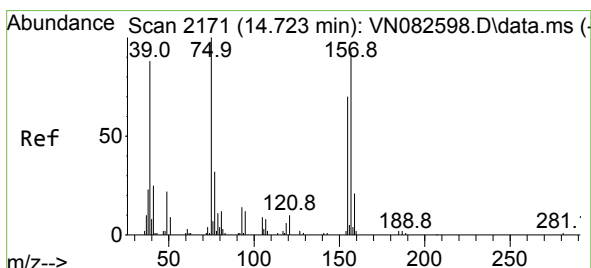
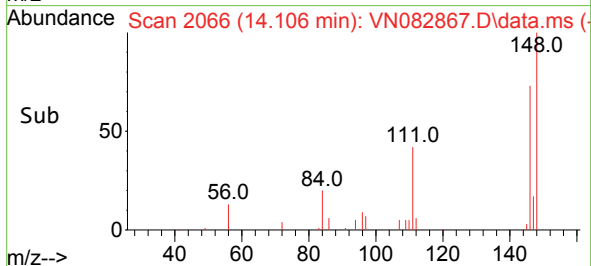
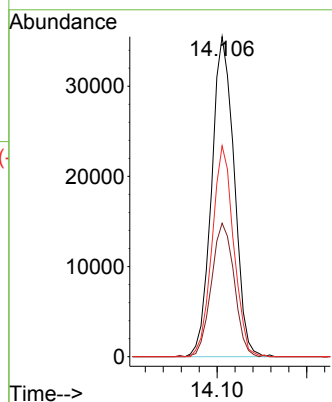
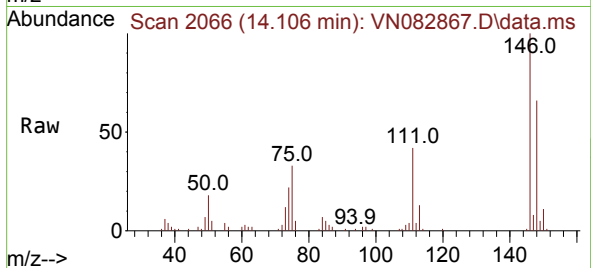
Tgt Ion:146 Resp: 61945

Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.2

148 63.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.537 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

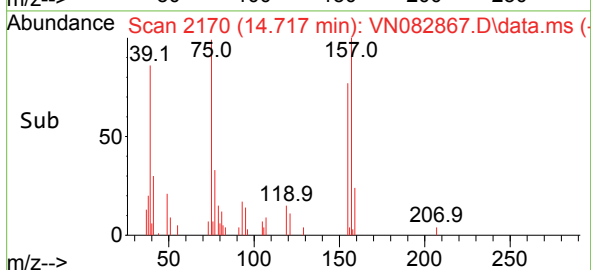
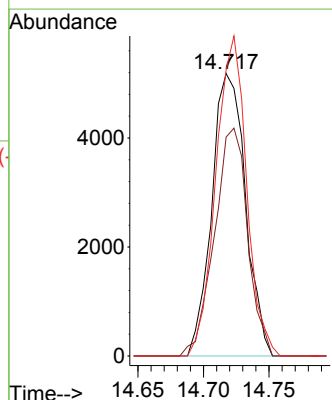
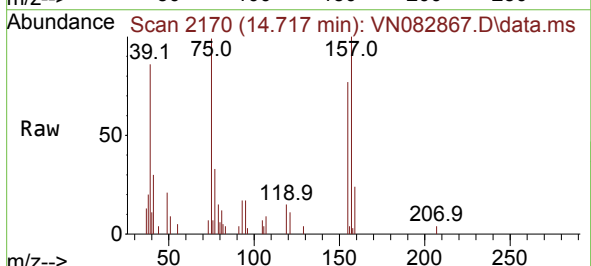
Tgt Ion: 75 Resp: 9245

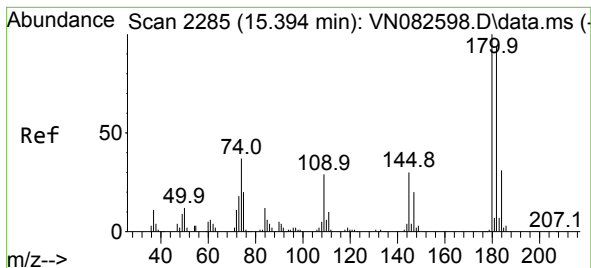
Ion Ratio Lower Upper

75 100

155 79.5 36.6 109.8

157 103.4 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 17.056 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082867.D

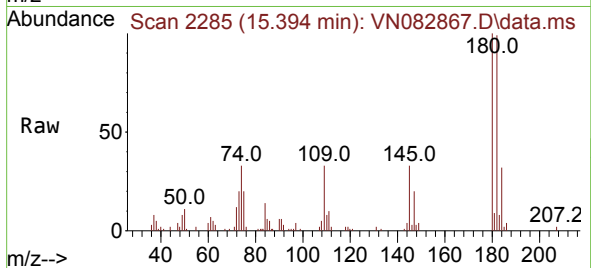
Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01



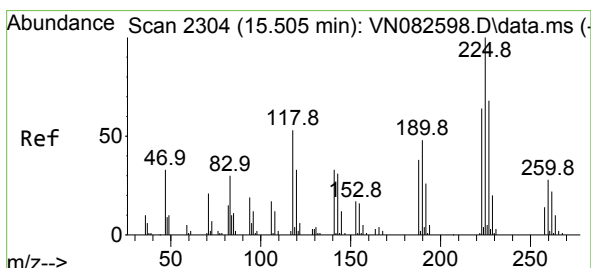
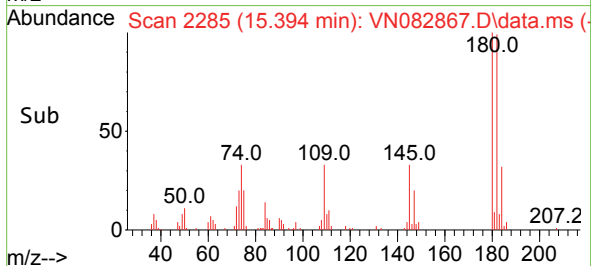
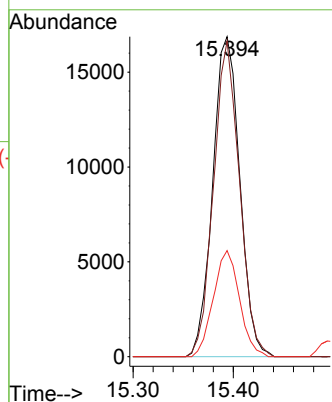
Tgt Ion:180 Resp: 31630

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 15.938 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

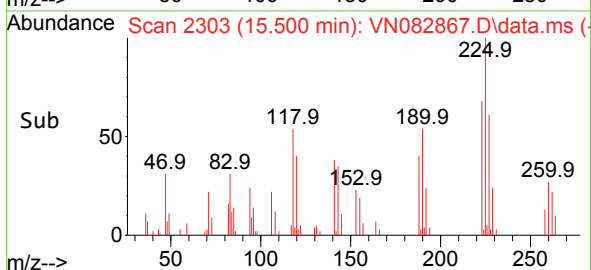
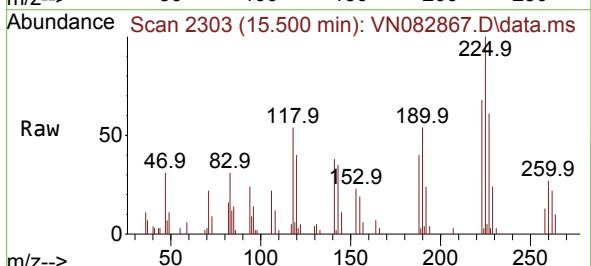
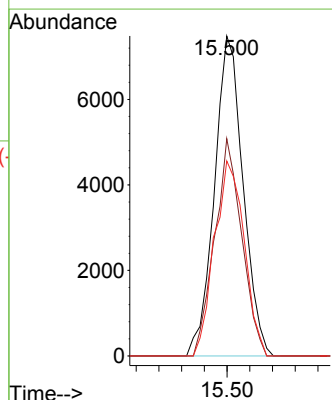
Tgt Ion:225 Resp: 13103

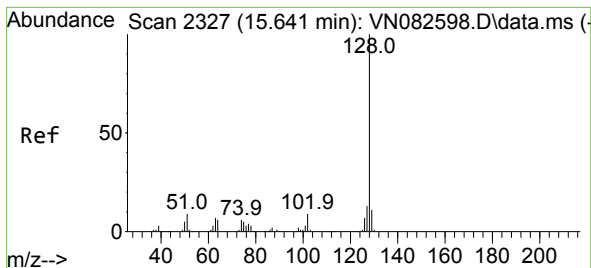
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.7

227 63.3 32.5 97.5





#95

Naphthalene

Concen: 17.425 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

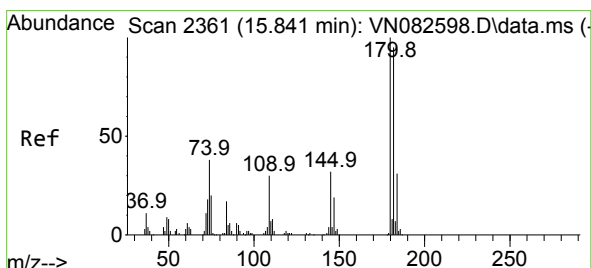
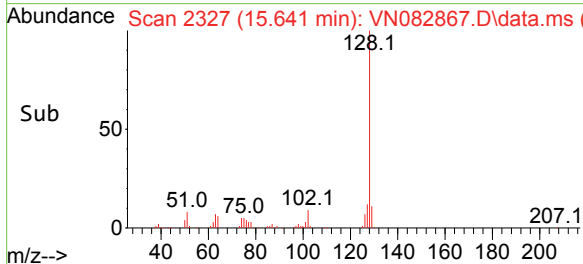
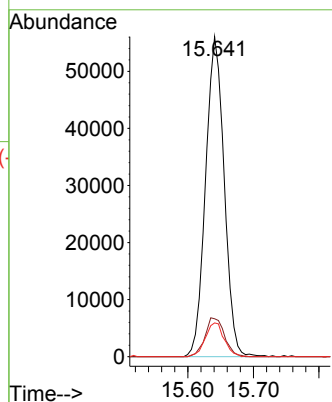
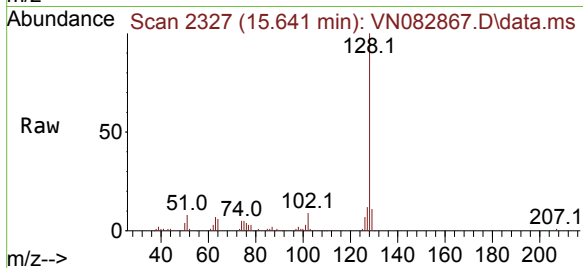
Tgt Ion:128 Resp: 110680

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.937 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN082867.D

Acq: 11 Jul 2024 11:20

Tgt Ion:180 Resp: 32296

Ion Ratio Lower Upper

180 100

182 93.8 48.9 146.8

145 32.0 16.8 50.4

