

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082932.D
 Acq On : 16 Jul 2024 13:27
 Operator : JC\MD
 Sample : VN0716WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 00:53:23 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	8.230	168	92297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	153640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73312	56.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.320%	
35) Dibromofluoromethane	8.171	113	56439	52.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.880%	
50) Toluene-d8	10.571	98	214262	54.418	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.853	95	67229	47.534	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23465	19.637	ug/l	97
3) Chloromethane	2.359	50	22118	19.518	ug/l	95
4) Vinyl Chloride	2.506	62	27530	23.132	ug/l	100
5) Bromomethane	2.948	94	18598	21.673	ug/l	100
6) Chloroethane	3.112	64	19664	24.144	ug/l #	87
7) Trichlorofluoromethane	3.483	101	34512	20.162	ug/l	93
8) Diethyl Ether	3.959	74	11548	19.712	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	20733	21.400	ug/l	95
10) Methyl Iodide	4.589	142	15337	15.441	ug/l #	92
11) Tert butyl alcohol	5.536	59	24378	112.025	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	18322	19.446	ug/l	88
13) Acrolein	4.183	56	16701	106.301	ug/l	95
14) Allyl chloride	5.018	41	26464	18.014	ug/l #	95
15) Acrylonitrile	5.724	53	58196	116.367	ug/l	98
16) Acetone	4.436	43	51024	112.013	ug/l	95
17) Carbon Disulfide	4.712	76	49943	17.739	ug/l	98
18) Methyl Acetate	5.024	43	30612	25.397	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	64189	19.750	ug/l	97
20) Methylene Chloride	5.277	84	22408	20.369	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	19725	19.321	ug/l	83
22) Diisopropyl ether	6.677	45	65640	21.357	ug/l #	96
23) Vinyl Acetate	6.606	43	249257	102.124	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	39829	21.364	ug/l	99
25) 2-Butanone	7.488	43	78760	114.508	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	35603	20.540	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	23496	19.658	ug/l	90
28) Bromochloromethane	7.818	49	18309	22.893	ug/l #	83
29) Tetrahydrofuran	7.847	42	51759	119.532	ug/l #	85
30) Chloroform	7.971	83	43552	22.021	ug/l	95
31) Cyclohexane	8.265	56	30979	18.314	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	37795	20.583	ug/l	96
36) 1,1-Dichloropropene	8.371	75	27107	18.443	ug/l	97
37) Ethyl Acetate	7.565	43	32547	21.751	ug/l	96
38) Carbon Tetrachloride	8.365	117	32795	18.532	ug/l	98
39) Methylcyclohexane	9.606	83	24261	15.281	ug/l	90
40) Benzene	8.606	78	88689	19.617	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16913	20.980	ug/l	94
42) 1,2-Dichloroethane	8.677	62	31843	19.565	ug/l	96
43) Isopropyl Acetate	8.694	43	55506	17.759	ug/l #	95
44) Trichloroethene	9.353	130	21196	18.299	ug/l	98
45) 1,2-Dichloropropane	9.624	63	22294	21.122	ug/l	95
46) Dibromomethane	9.712	93	16696	20.304	ug/l	98
47) Bromodichloromethane	9.888	83	34847	20.510	ug/l	99
48) Methyl methacrylate	9.688	41	22688	19.337	ug/l #	85
49) 1,4-Dioxane	9.700	88	11216	433.874	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	171161	115.378	ug/l	94
52) Toluene	10.635	92	55178	19.538	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	33662	19.232	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	34924	18.850	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	21948	21.134	ug/l	95
56) Ethyl methacrylate	10.876	69	32606	20.181	ug/l	88
57) 1,3-Dichloropropane	11.165	76	36636	19.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	95545	115.244	ug/l	97
59) 2-Hexanone	11.200	43	129306	117.238	ug/l	95
60) Dibromochloromethane	11.365	129	26513	20.044	ug/l	99
61) 1,2-Dibromoethane	11.471	107	22380	20.293	ug/l	98
64) Tetrachloroethene	11.106	164	20864	18.202	ug/l	92
65) Chlorobenzene	11.894	112	61519	18.686	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	22542	19.249	ug/l	98
67) Ethyl Benzene	11.965	91	96399	17.422	ug/l	97
68) m/p-Xylenes	12.076	106	74996	35.900	ug/l	99
69) o-Xylene	12.400	106	35489	17.730	ug/l	97
70) Styrene	12.412	104	61134	18.484	ug/l	98
71) Bromoform	12.582	173	18267	19.835	ug/l #	100
73) Isopropylbenzene	12.700	105	88301	17.055	ug/l	99
74) N-amyl acetate	12.494	43	41316	19.293	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	33604	21.672	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44660	36.357	ug/l	35
77) Bromobenzene	12.982	156	23779	17.803	ug/l	99
78) n-propylbenzene	13.041	91	106182	17.838	ug/l	99
79) 2-Chlorotoluene	13.129	91	66032	17.410	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	72975	17.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12813	20.514	ug/l	85
82) 4-Chlorotoluene	13.223	91	67344	17.939	ug/l	99
83) tert-Butylbenzene	13.441	119	59320	15.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	72913	17.094	ug/l	97
85) sec-Butylbenzene	13.617	105	84620	16.878	ug/l	100
86) p-Isopropyltoluene	13.729	119	68972	16.489	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	42116	17.455	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	43103	17.274	ug/l	100
89) n-Butylbenzene	14.059	91	56424	15.745	ug/l	97
90) Hexachloroethane	14.335	117	15743	17.787	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	42566	18.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6919	19.288	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	18746	14.856	ug/l	99
94) Hexachlorobutadiene	15.500	225	8315	14.864	ug/l	98
95) Naphthalene	15.647	128	68212	15.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	20569	15.853	ug/l	96

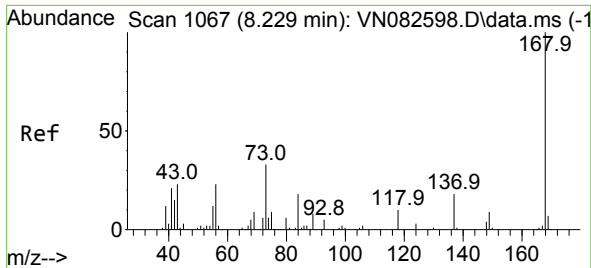
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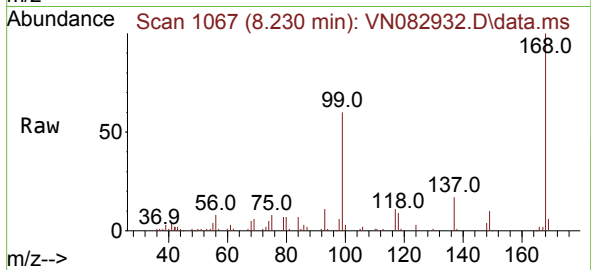
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

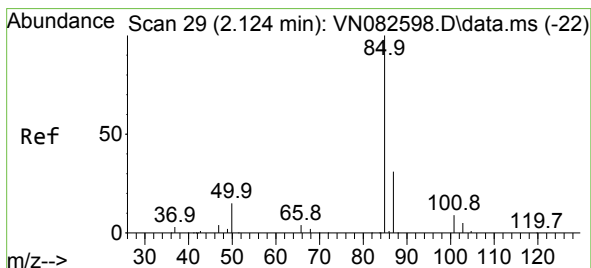
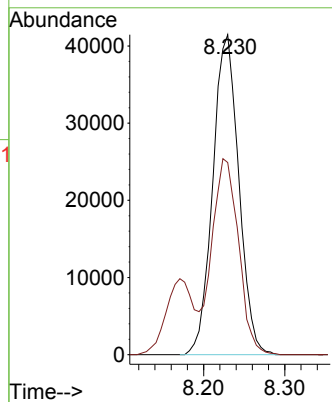
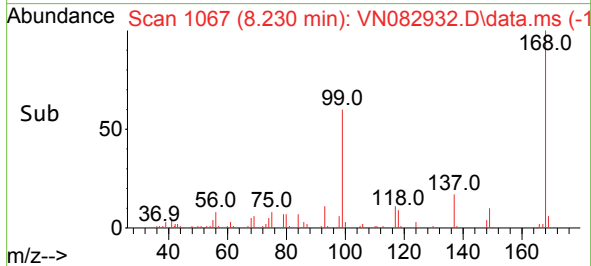


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

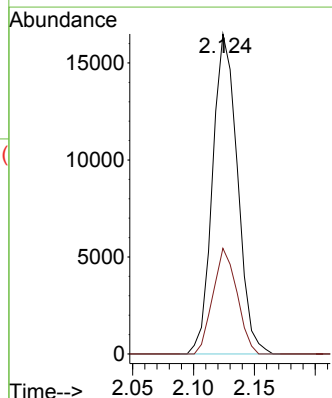
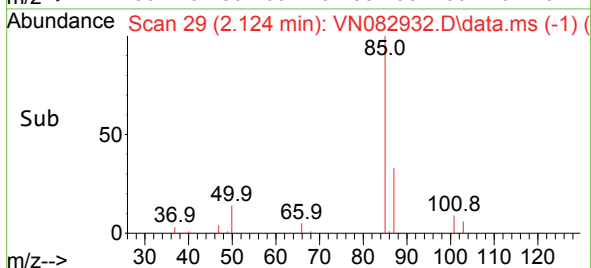
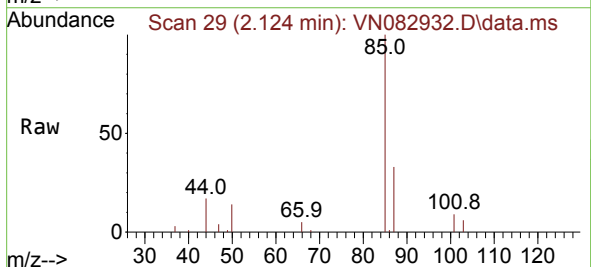


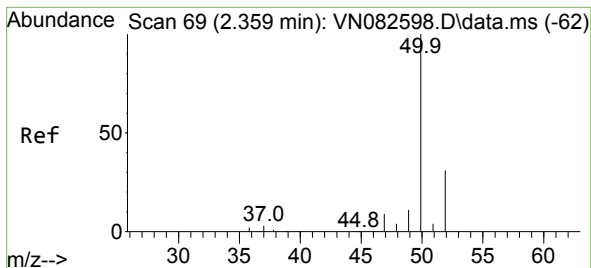
Tgt Ion:168 Resp: 92297
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 19.637 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 85 Resp: 23465
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3

Chloromethane

Concen: 19.518 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

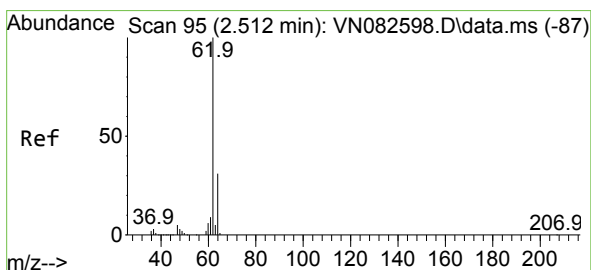
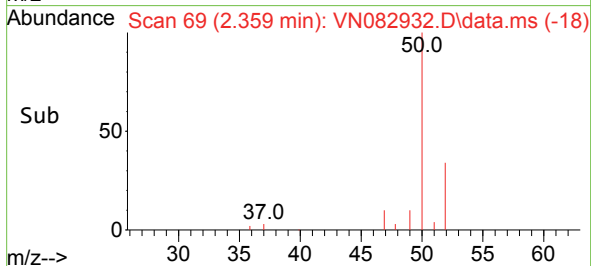
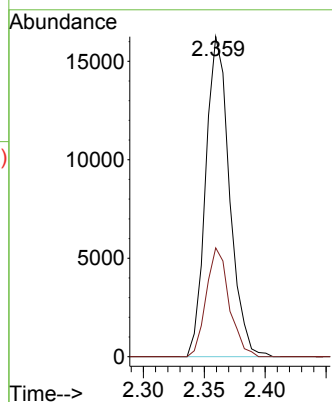
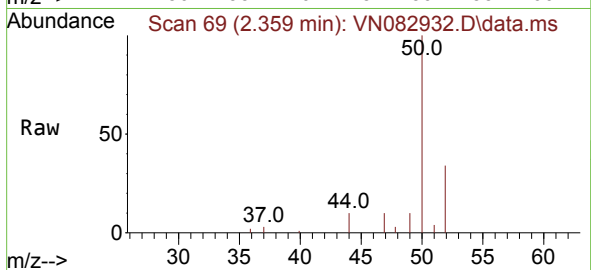
ClientSampleId :

Tgt Ion: 50 Resp: 22118

Ion Ratio Lower Upper

50 100

52 34.0 25.0 37.4



#4

Vinyl Chloride

Concen: 23.132 ug/l

RT: 2.506 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN082932.D

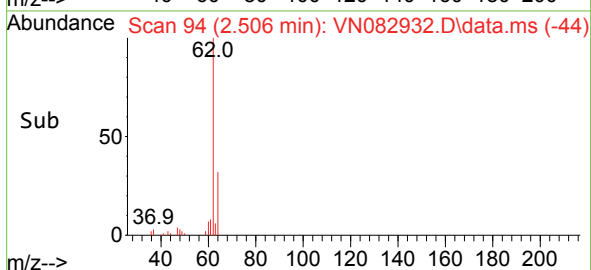
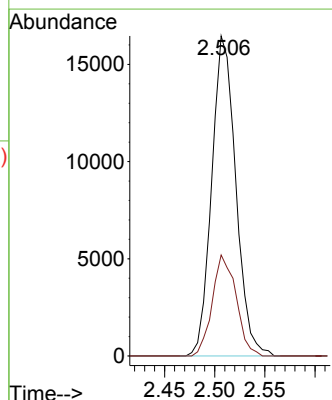
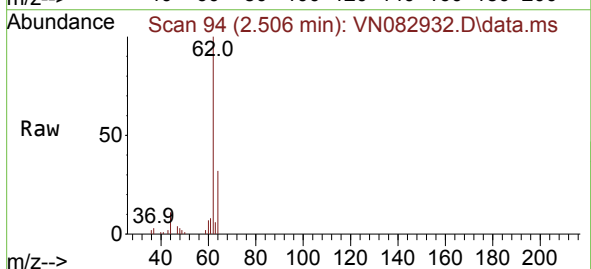
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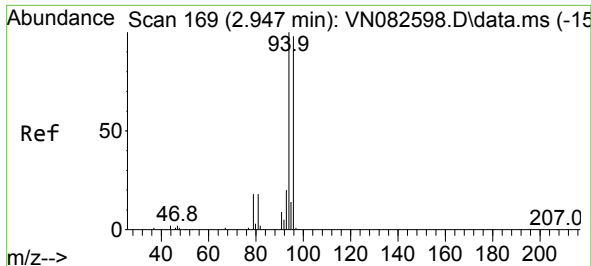
Tgt Ion: 62 Resp: 27530

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6

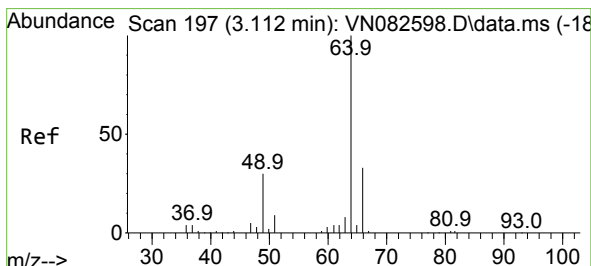
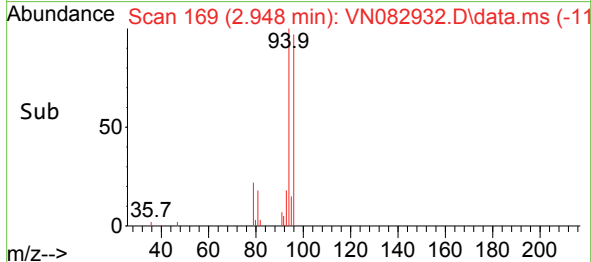
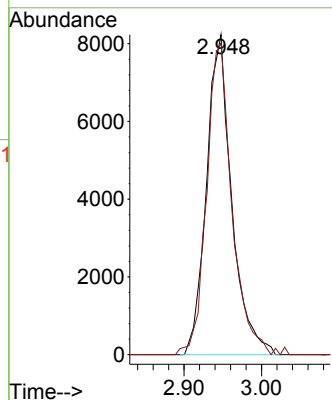
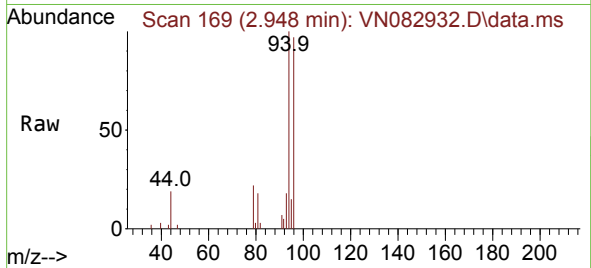




#5
Bromomethane
Concen: 21.673 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

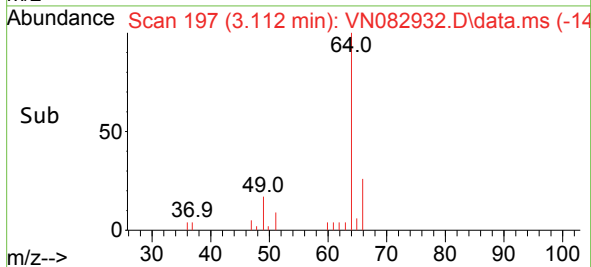
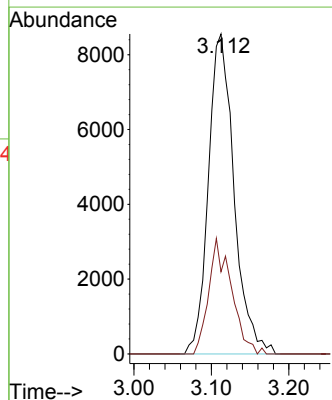
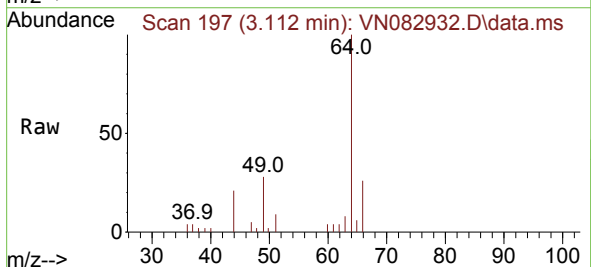
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MSVOA_N
ClientSampleId :

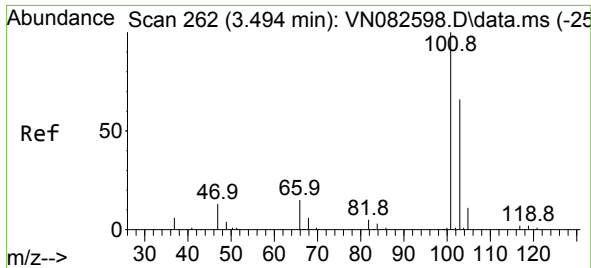
Tgt Ion: 94 Resp: 18598
Ion Ratio Lower Upper
94 100
96 97.3 78.0 117.0



#6
Chloroethane
Concen: 24.144 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 64 Resp: 19664
Ion Ratio Lower Upper
64 100
66 25.7 26.6 40.0#

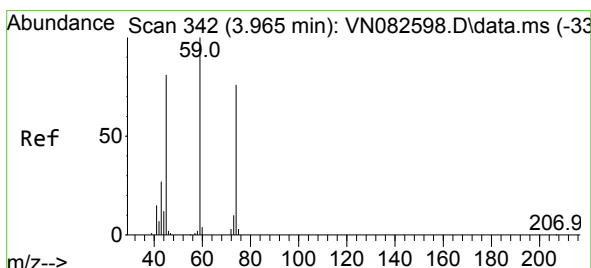
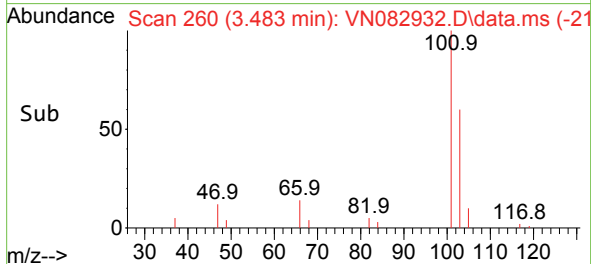
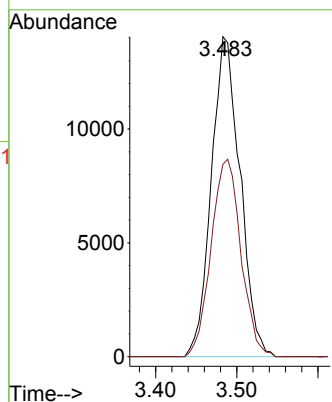
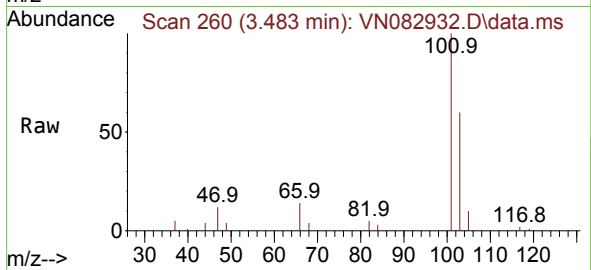




#7
Trichlorofluoromethane
Concen: 20.162 ug/l
RT: 3.483 min Scan# 20
Delta R.T. -0.011 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

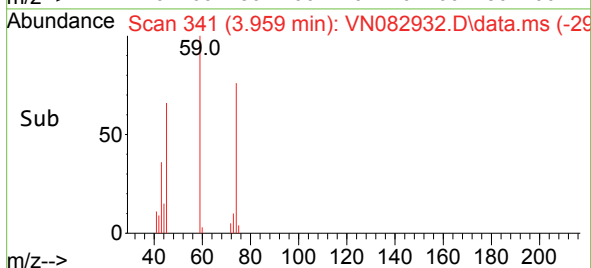
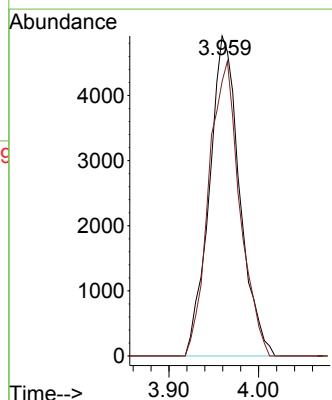
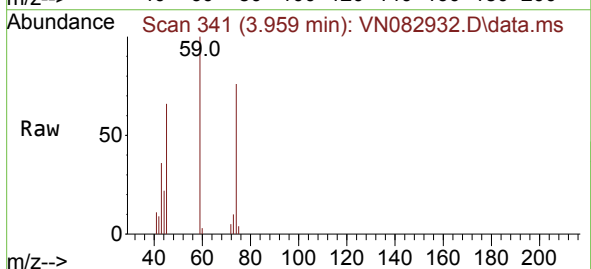
Instrument :
MSVOA_N
ClientSampleId :

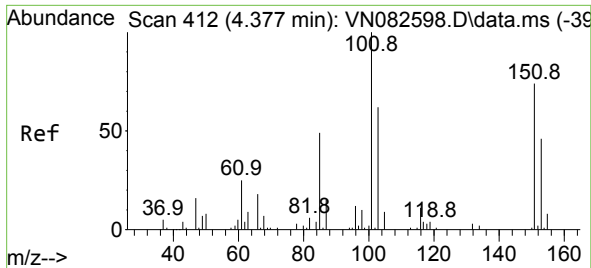
Tgt Ion:101 Resp: 34512
Ion Ratio Lower Upper
101 100
103 60.1 52.7 79.1



#8
Diethyl Ether
Concen: 19.712 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 74 Resp: 11548
Ion Ratio Lower Upper
74 100
45 93.8 55.5 166.3

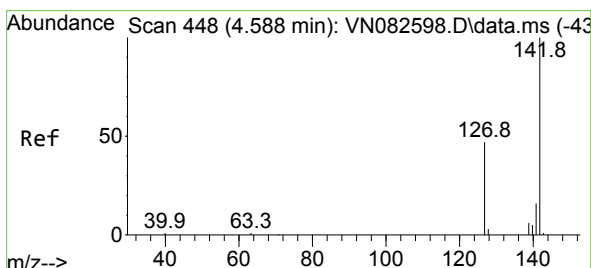
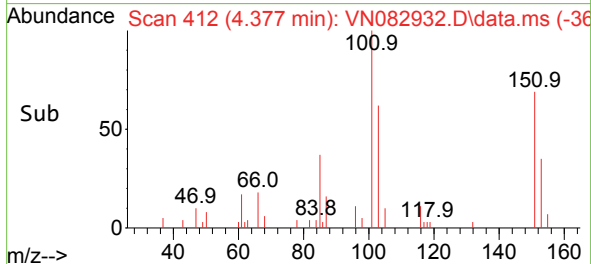
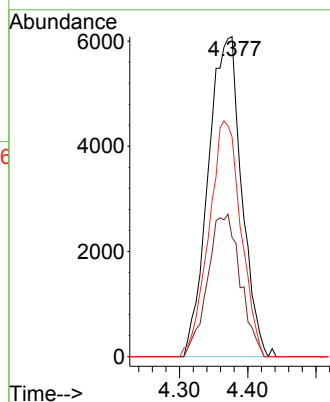
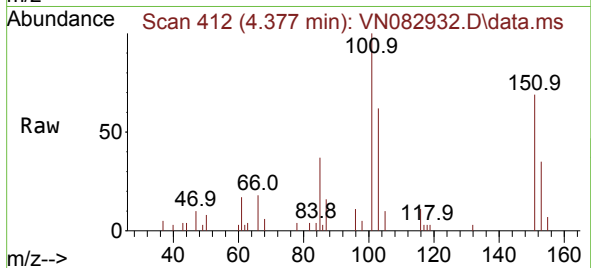




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.400 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

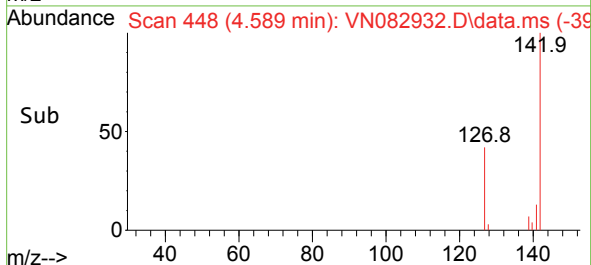
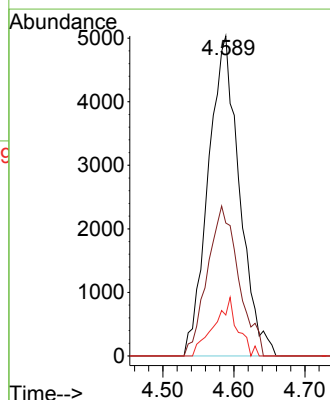
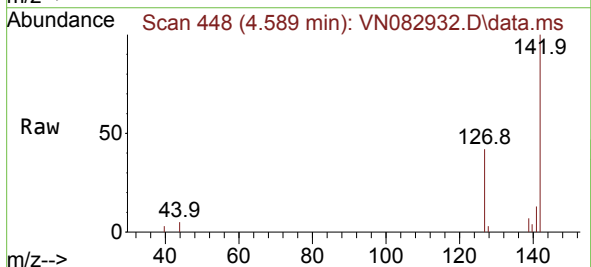
Instrument :
MSVOA_N
ClientSampleId :

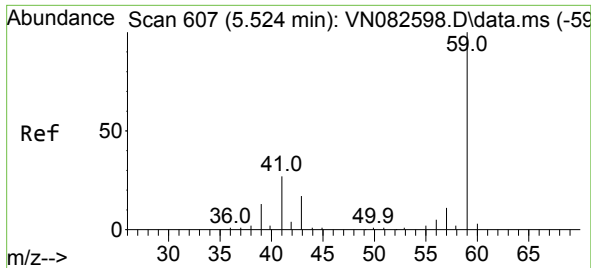
Tgt Ion:101 Resp: 20733
Ion Ratio Lower Upper
101 100
85 43.5 38.3 57.5
151 70.6 59.3 88.9



#10
Methyl Iodide
Concen: 15.441 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

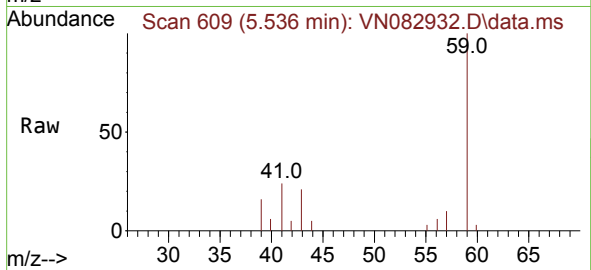
Tgt Ion:142 Resp: 15337
Ion Ratio Lower Upper
142 100
127 41.5 37.5 56.3
141 12.8 13.1 19.7#



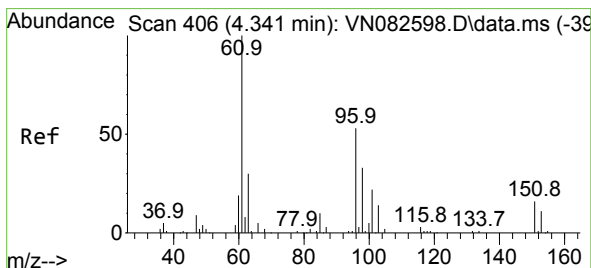
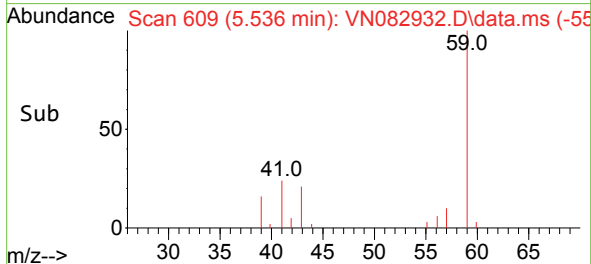
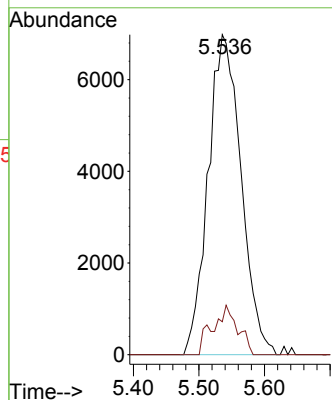


#11
Tert butyl alcohol
Concen: 112.025 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

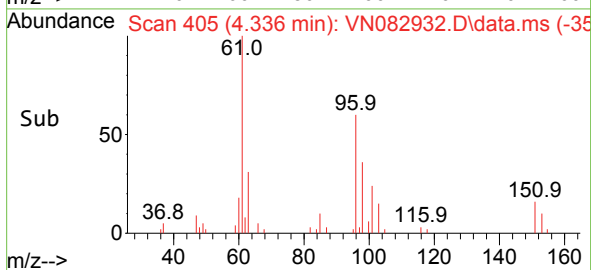
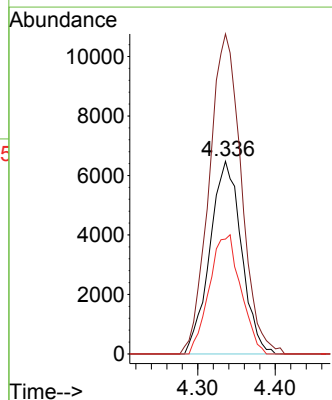
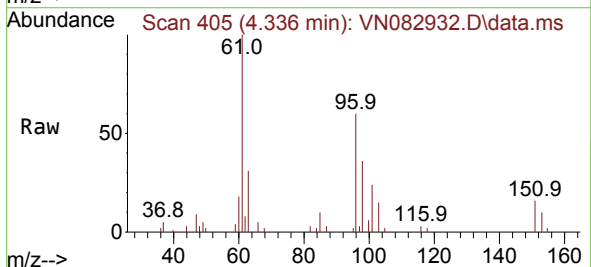


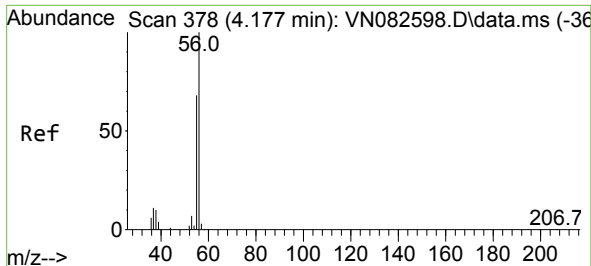
Tgt Ion: 59 Resp: 24378
Ion Ratio Lower Upper
59 100
57 8.4 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 19.446 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 96 Resp: 18322
Ion Ratio Lower Upper
96 100
61 166.0 149.7 224.5
98 59.6 50.1 75.1

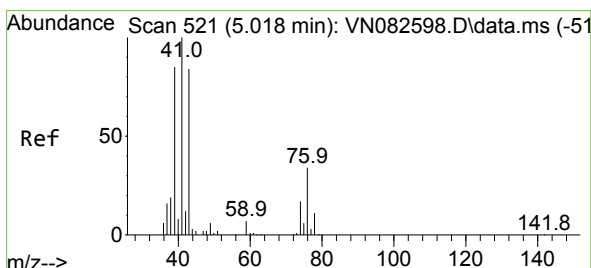
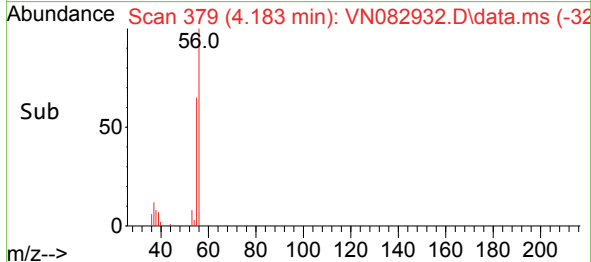
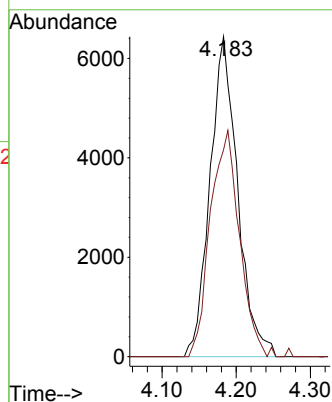
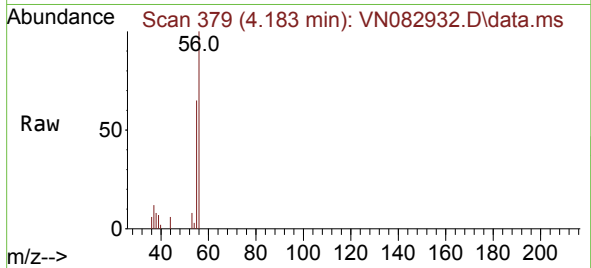




#13
Acrolein
Concen: 106.301 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

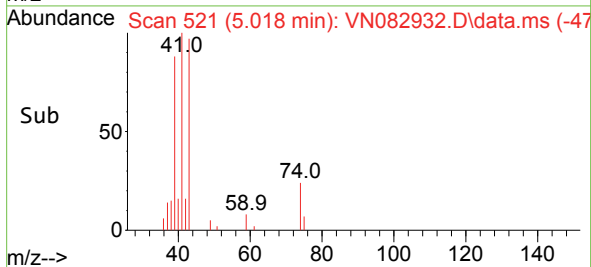
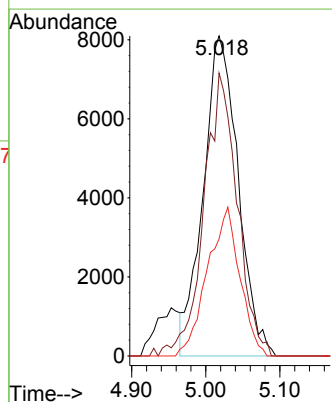
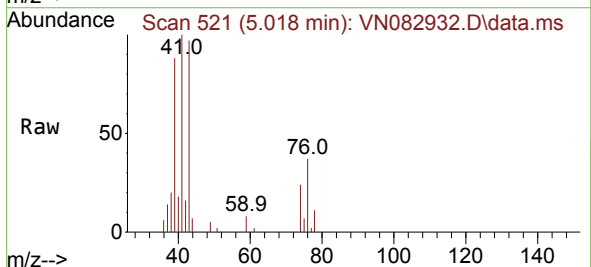
Instrument :
MSVOA_N
ClientSampleId :

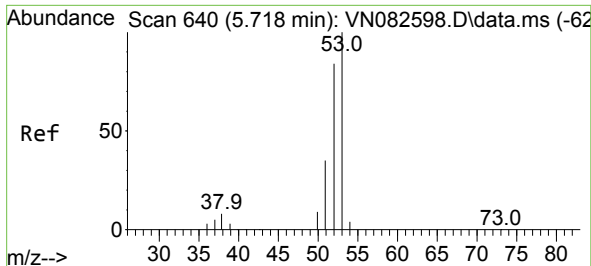
Tgt Ion: 56 Resp: 16701
Ion Ratio Lower Upper
56 100
55 74.6 56.4 84.6



#14
Allyl chloride
Concen: 18.014 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

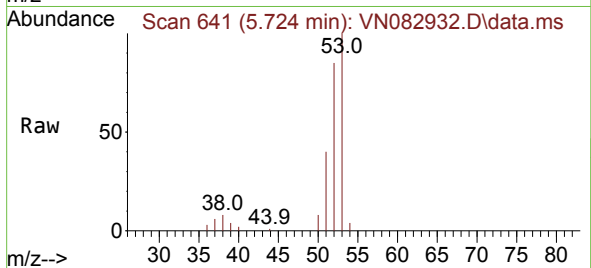
Tgt Ion: 41 Resp: 26464
Ion Ratio Lower Upper
41 100
39 84.7 67.8 101.6
76 43.2 25.8 38.8#



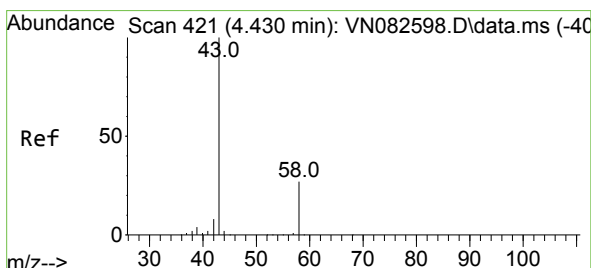
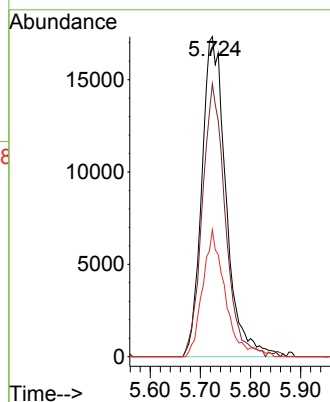
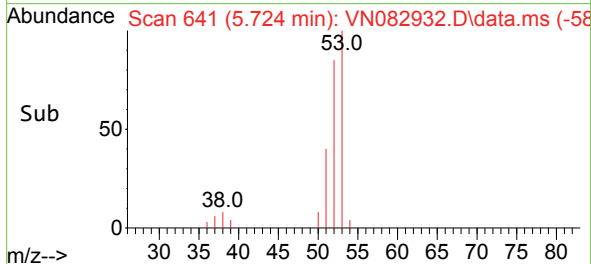


#15
Acrylonitrile
Concen: 116.367 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

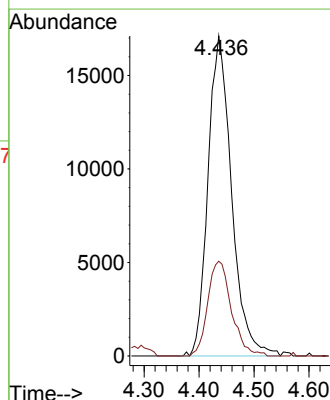
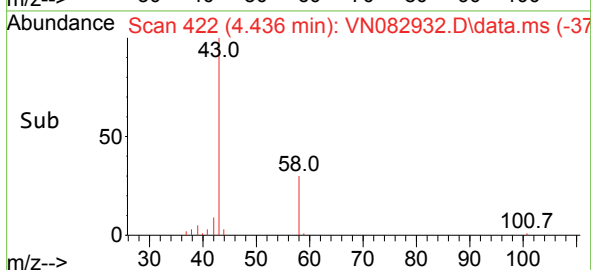
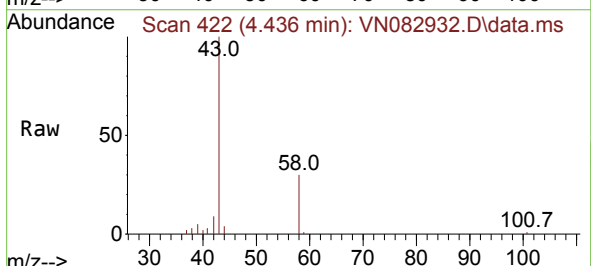


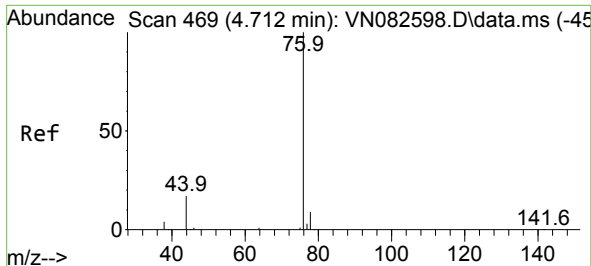
Tgt Ion:	53	Resp:	58196
Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.6	100.0
51	37.1	30.1	45.1



#16
Acetone
Concen: 112.013 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:	43	Resp:	51024
Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.8	32.6

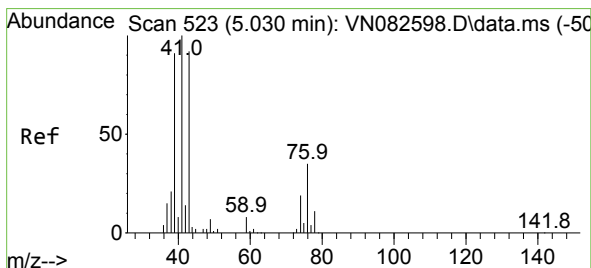
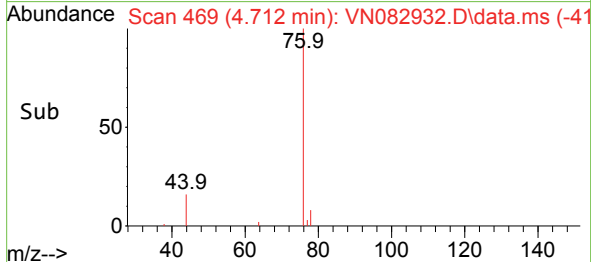
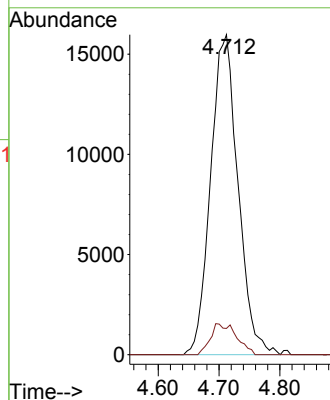
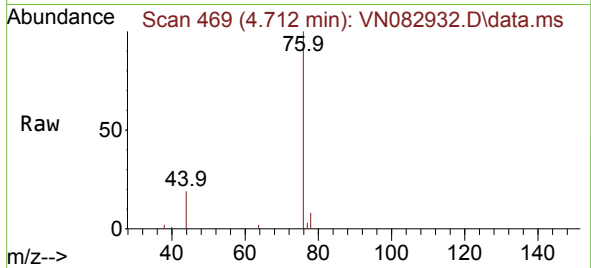




#17
Carbon Disulfide
Concen: 17.739 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

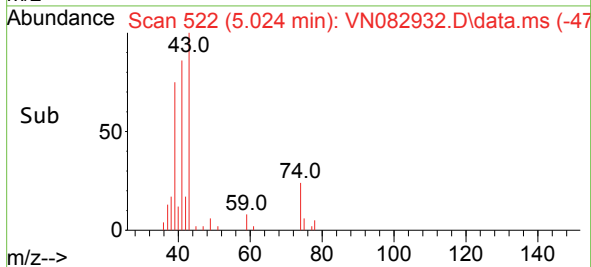
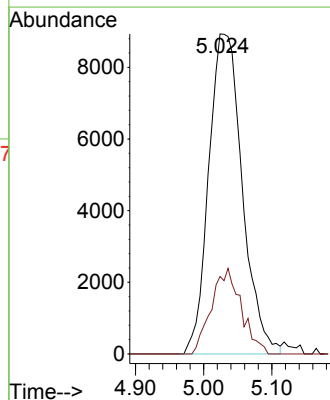
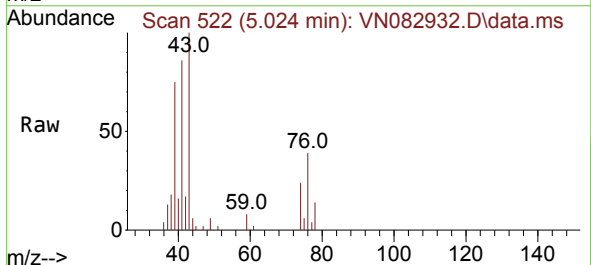
Instrument :
MSVOA_N
ClientSampleId :

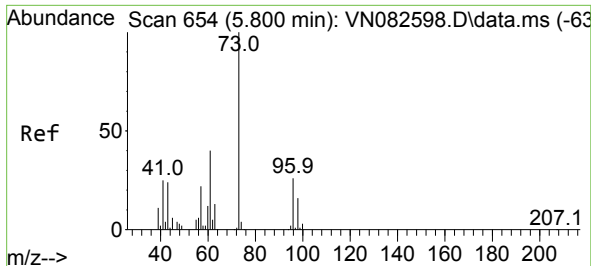
Tgt Ion: 76 Resp: 49943
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 25.397 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 43 Resp: 30612
Ion Ratio Lower Upper
43 100
74 23.8 16.3 24.5

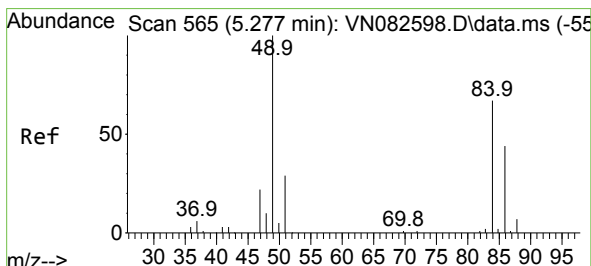
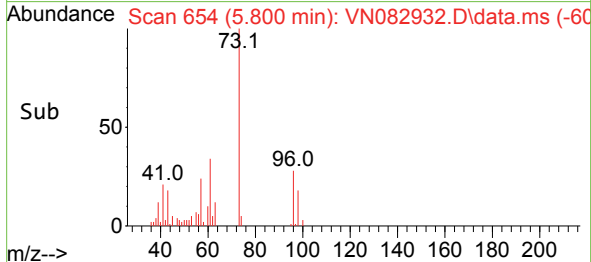
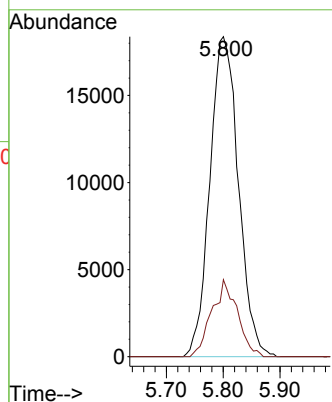
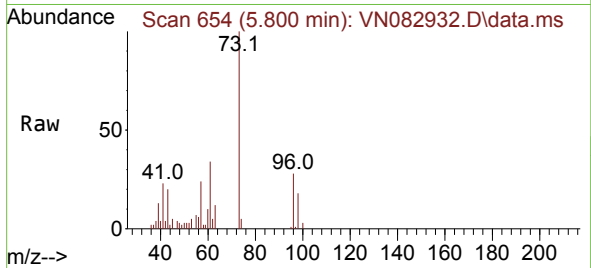




#19
Methyl tert-butyl Ether
Concen: 19.750 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

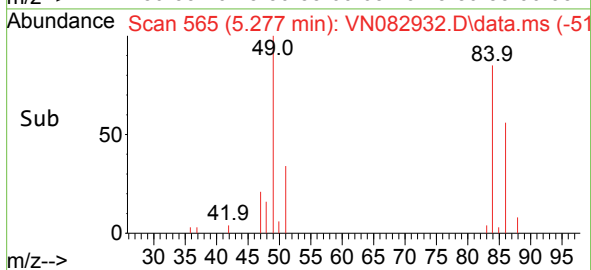
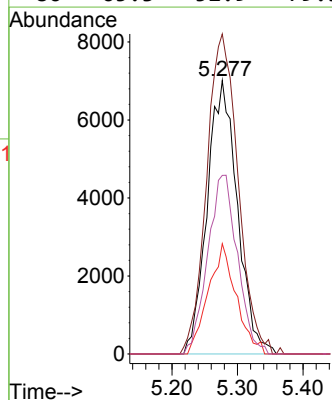
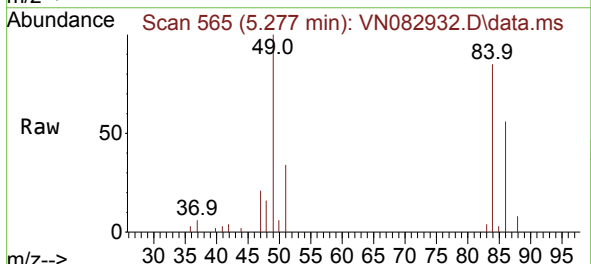
Instrument :
MSVOA_N
ClientSampleId :

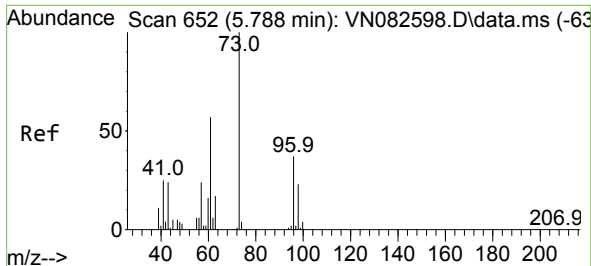
Tgt Ion: 73 Resp: 64189
Ion Ratio Lower Upper
73 100
57 24.0 17.9 26.9



#20
Methylene Chloride
Concen: 20.369 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

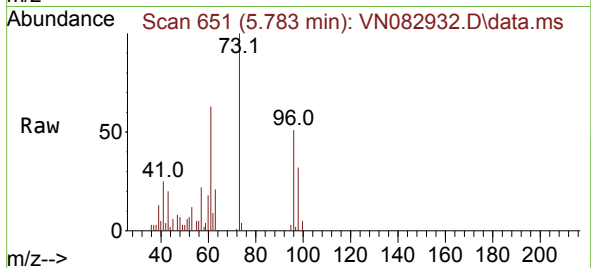
Tgt Ion: 84 Resp: 22408
Ion Ratio Lower Upper
84 100
49 117.0 119.6 179.4#
51 40.3 34.8 52.2
86 65.3 52.9 79.3



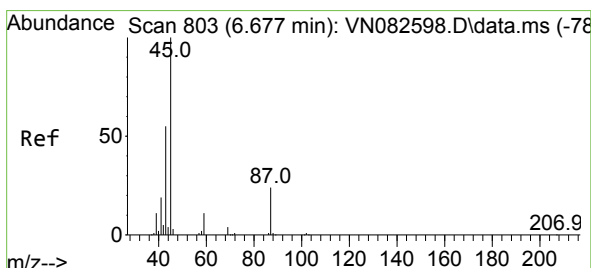
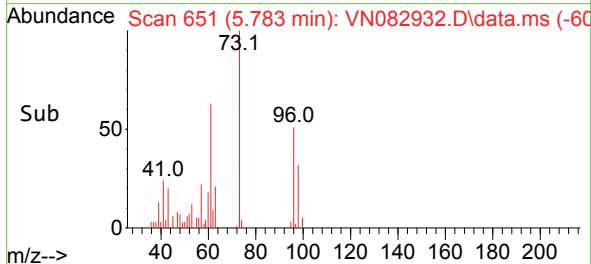
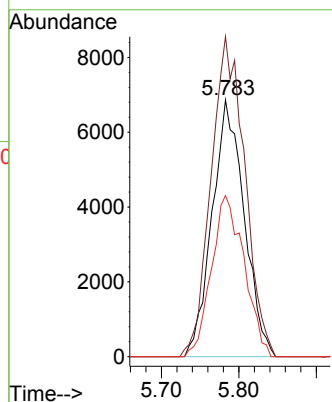


#21
trans-1,2-Dichloroethene
Concen: 19.321 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

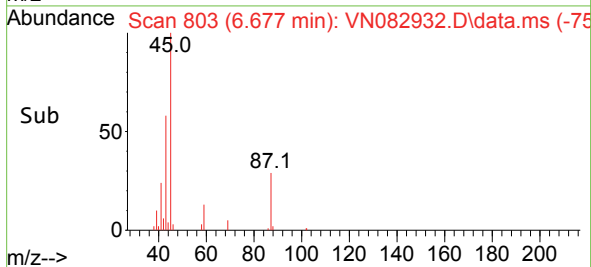
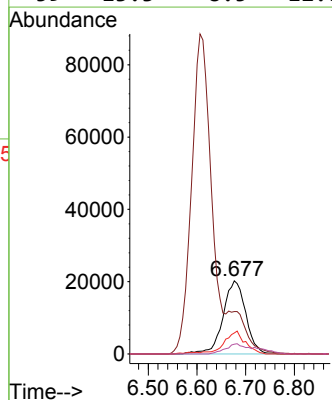
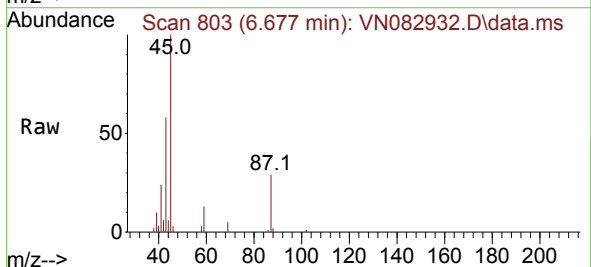


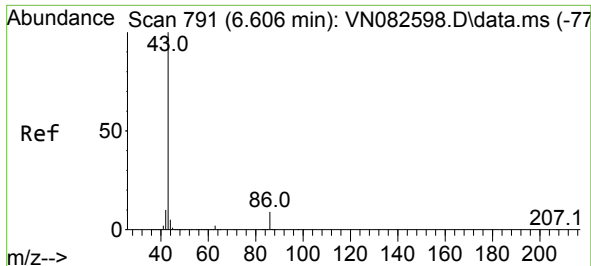
Tgt Ion: 96 Resp: 19725
Ion Ratio Lower Upper
96 100
61 124.6 123.4 185.2
98 62.7 49.3 73.9



#22
Diisopropyl ether
Concen: 21.357 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

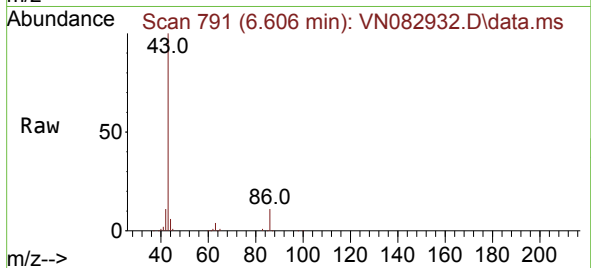
Tgt Ion: 45 Resp: 65640
Ion Ratio Lower Upper
45 100
43 56.7 44.0 66.0
87 28.6 19.7 29.5
59 13.3 8.5 12.7#



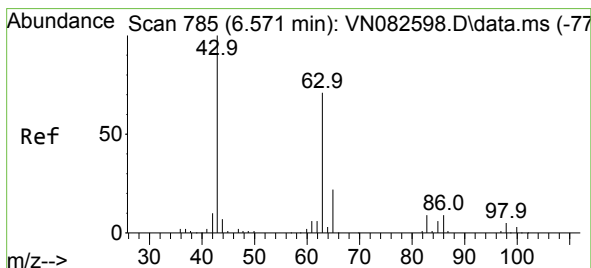
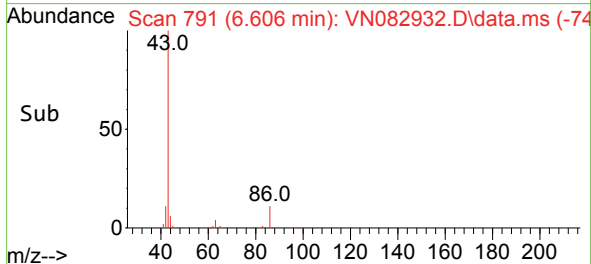
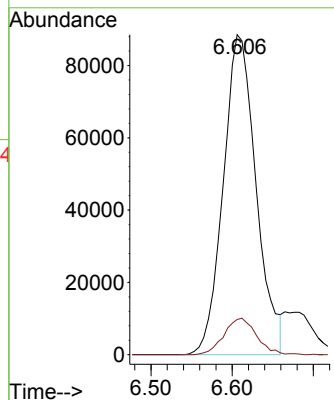


#23
 Vinyl Acetate
 Concen: 102.124 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Instrument :
 MSVOA_N
 ClientSampleId :

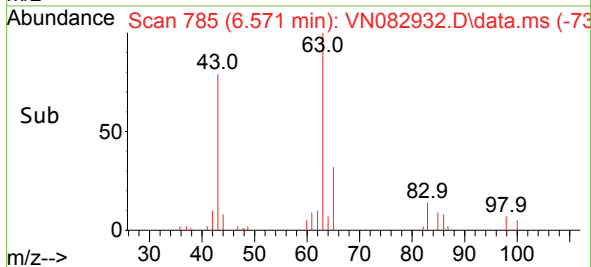
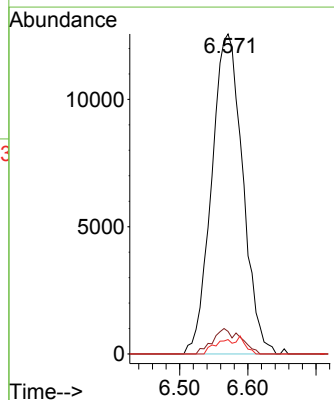
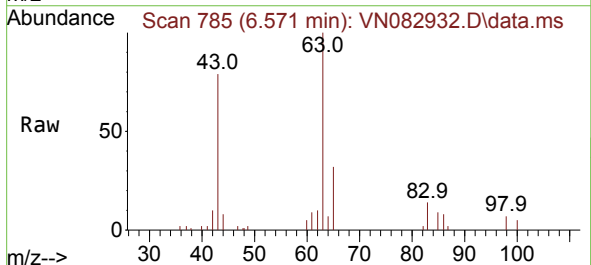


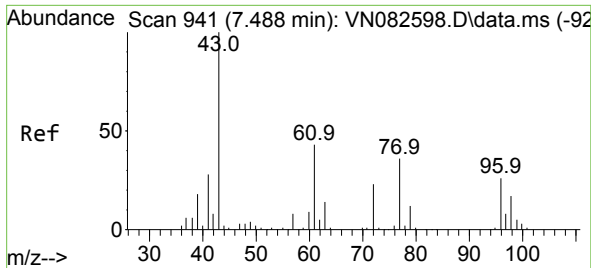
Tgt Ion: 43 Resp: 249257
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 21.364 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Tgt Ion: 63 Resp: 39829
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.5 2.0 6.0

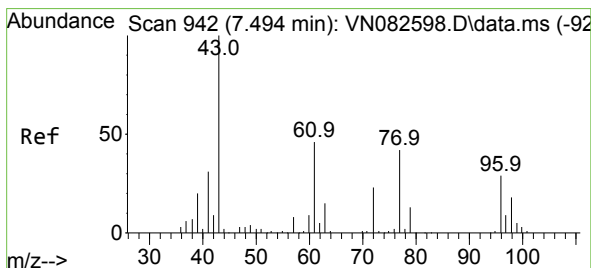
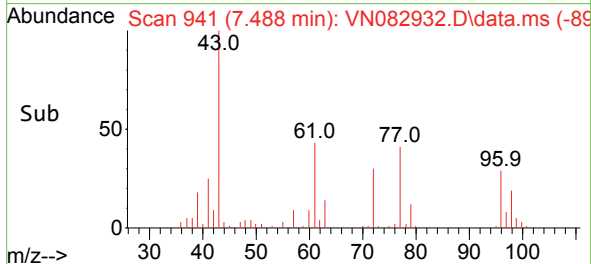
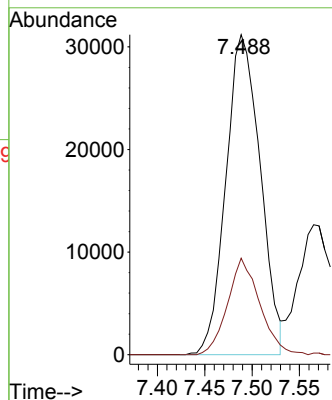
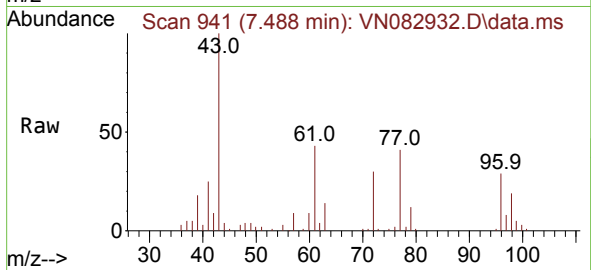




#25
2-Butanone
Concen: 114.508 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

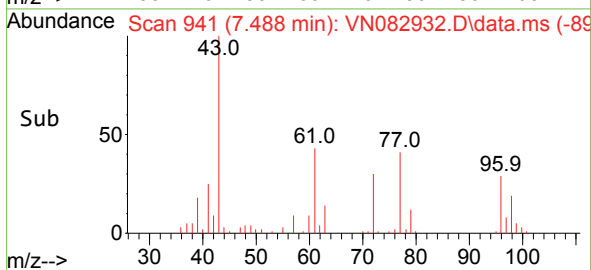
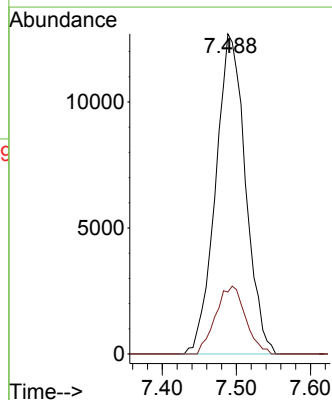
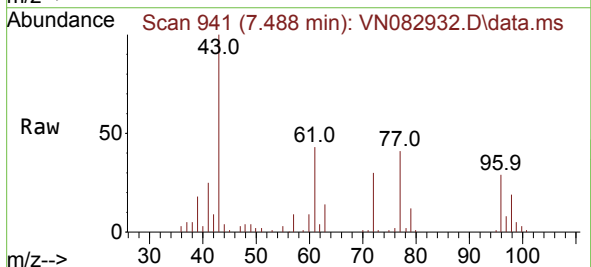
Instrument :
MSVOA_N
ClientSampleId :

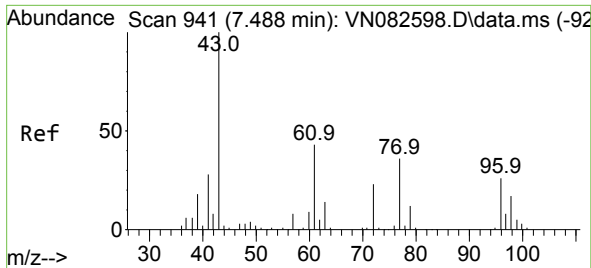
Tgt Ion: 43 Resp: 78760
Ion Ratio Lower Upper
43 100
72 30.2 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 20.540 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 77 Resp: 35603
Ion Ratio Lower Upper
77 100
97 21.1 10.3 30.9

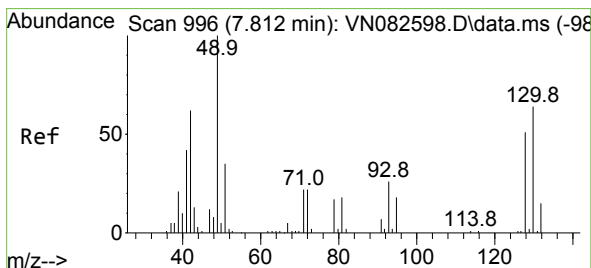
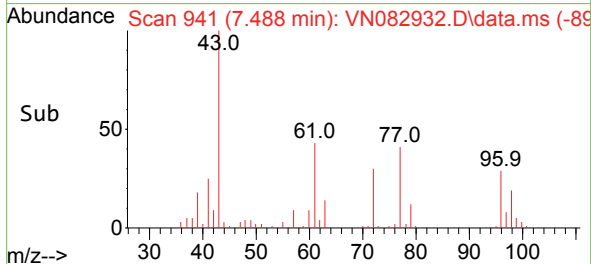
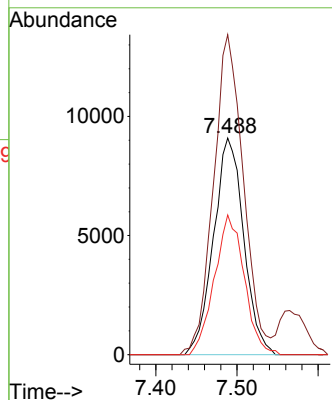
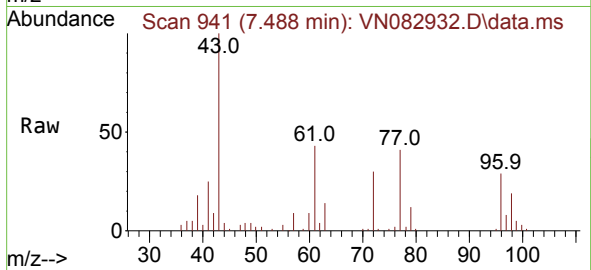




#27
 cis-1,2-Dichloroethene
 Concen: 19.658 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

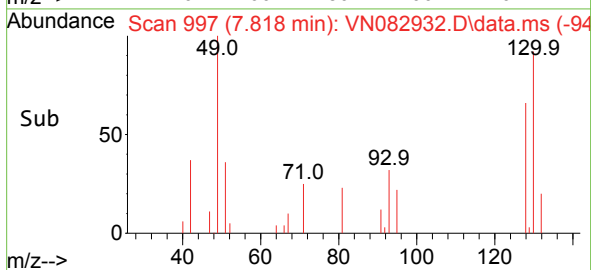
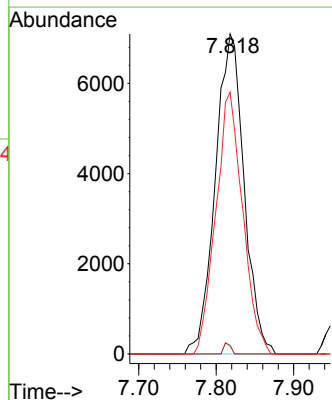
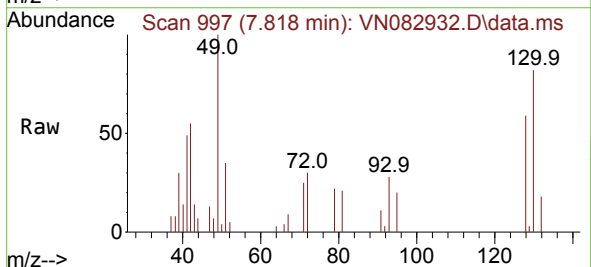
Instrument :
 MSVOA_N
 ClientSampleId :

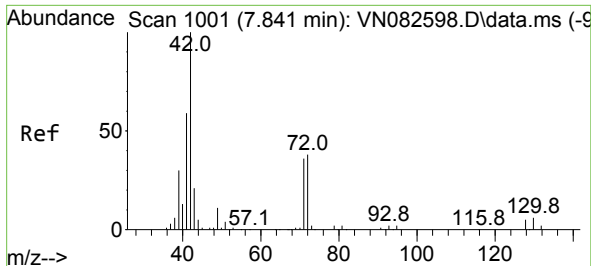
Tgt Ion: 96 Resp: 23496
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 329.6
 98 63.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.893 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Tgt Ion: 49 Resp: 18309
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 76.4 50.5 75.7#





#29

Tetrahydrofuran

Concen: 119.532 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

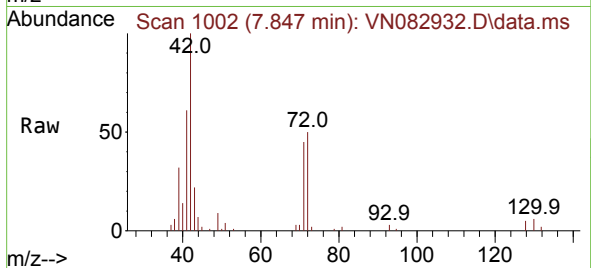
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



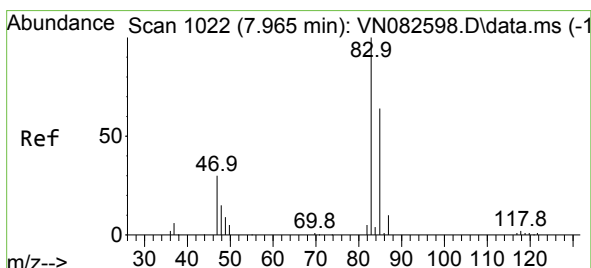
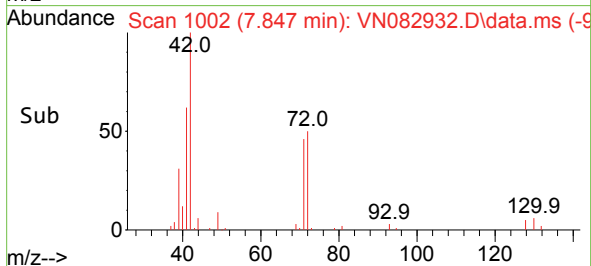
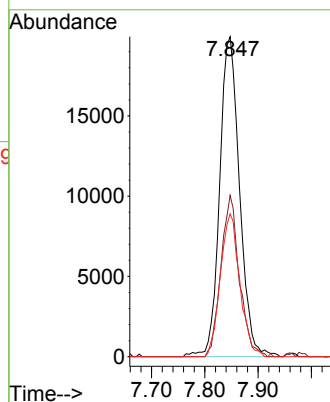
Tgt Ion: 42 Resp: 51759

Ion Ratio Lower Upper

42 100

72 46.7 30.0 45.0#

71 43.5 28.3 42.5#



#30

Chloroform

Concen: 22.021 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082932.D

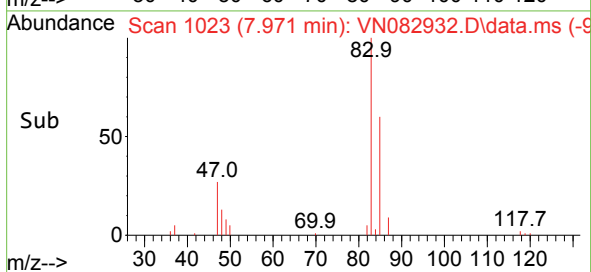
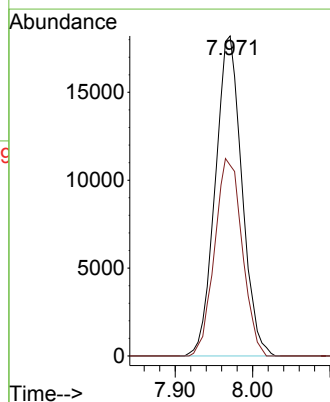
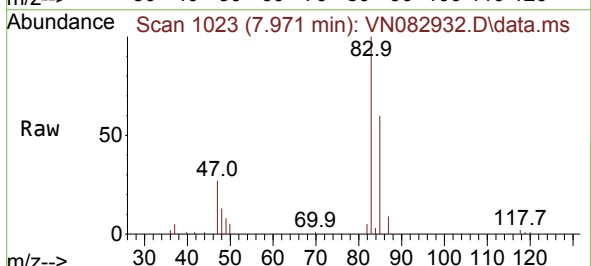
Acq: 16 Jul 2024 13:27

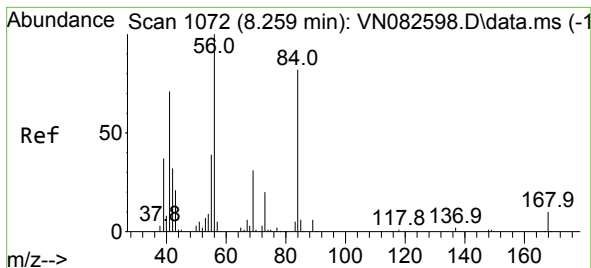
Tgt Ion: 83 Resp: 43552

Ion Ratio Lower Upper

83 100

85 59.6 50.9 76.3





#31

Cyclohexane

Concen: 18.314 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

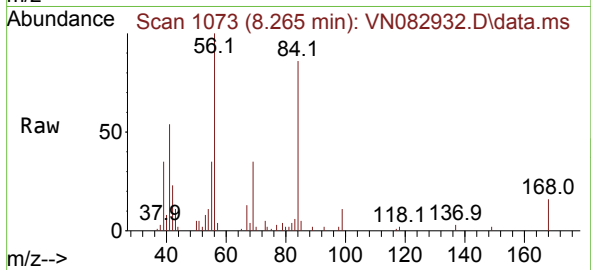
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



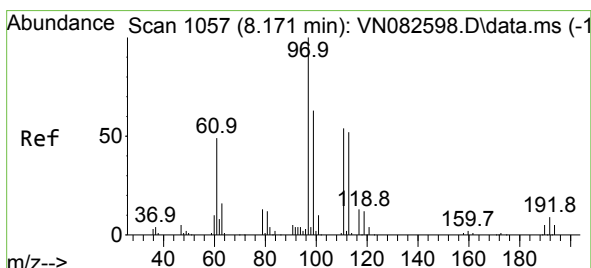
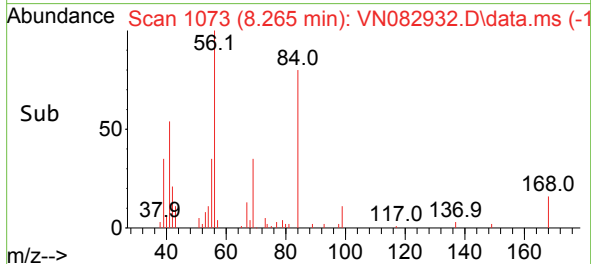
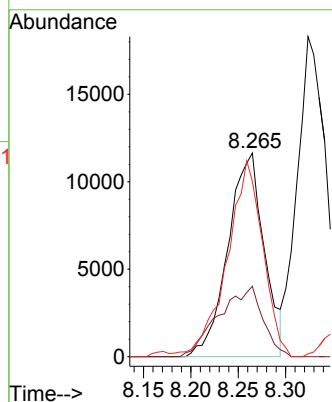
Tgt Ion: 56 Resp: 30979

Ion Ratio Lower Upper

56 100

69 34.6 24.5 36.7

84 83.8 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 20.583 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

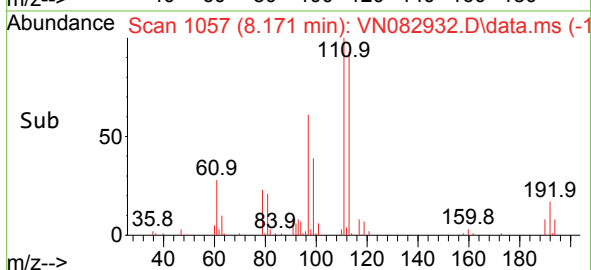
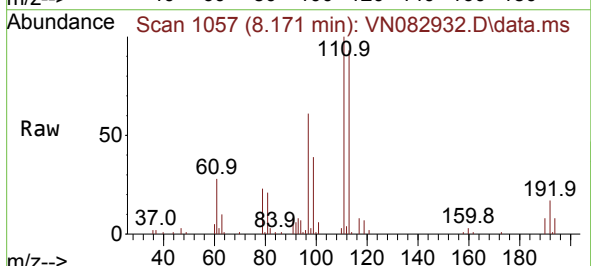
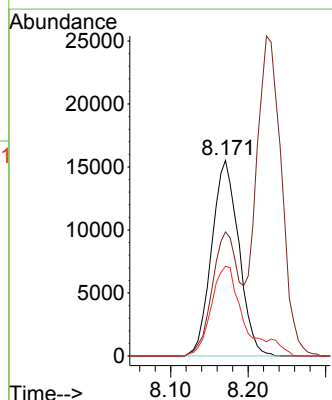
Tgt Ion: 97 Resp: 37795

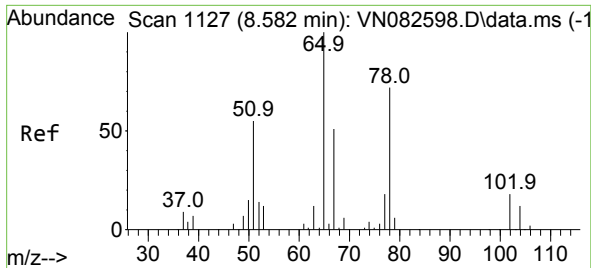
Ion Ratio Lower Upper

97 100

99 62.3 52.0 78.0

61 55.2 42.1 63.1

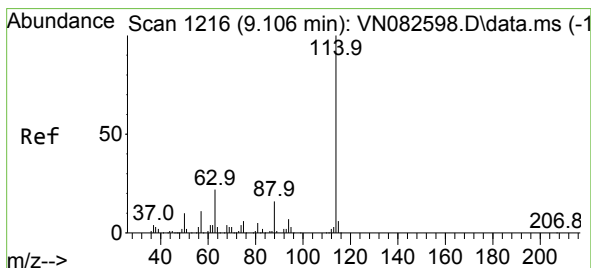
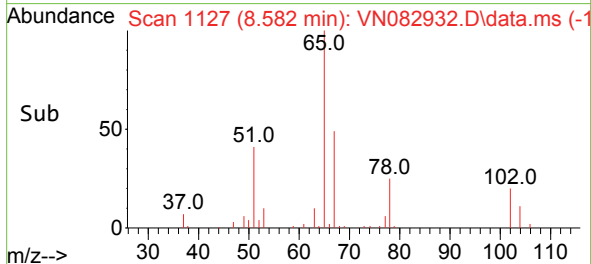
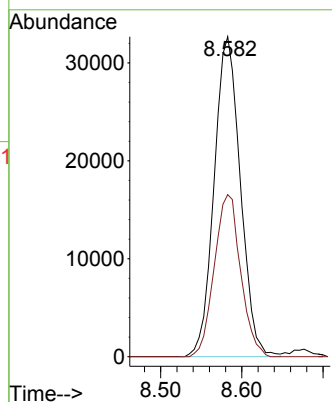
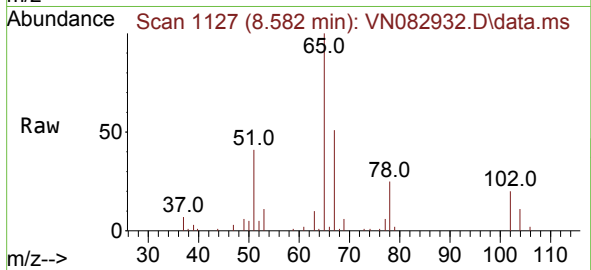




#33
 1,2-Dichloroethane-d4
 Concen: 56.663 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

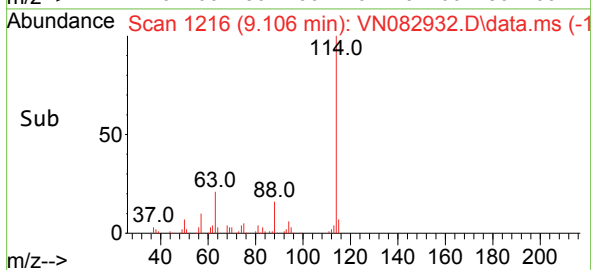
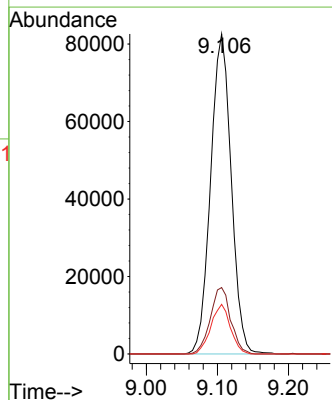
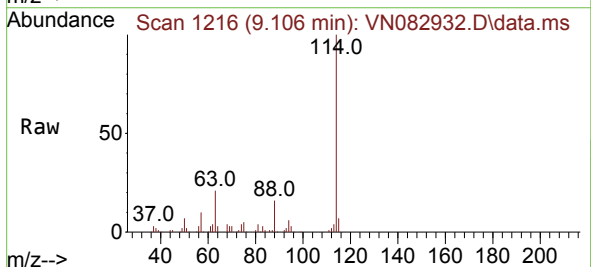
Instrument :
 MSVOA_N
 ClientSampleId :

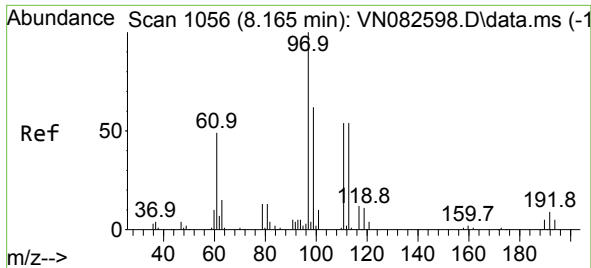
Tgt Ion: 65 Resp: 73312
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

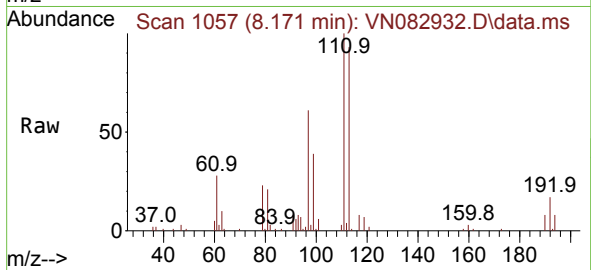
Tgt Ion: 114 Resp: 166133
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.6
 88 15.5 0.0 31.4



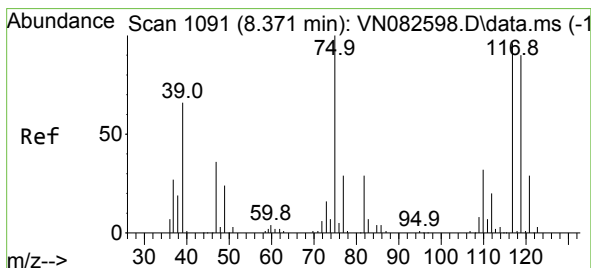
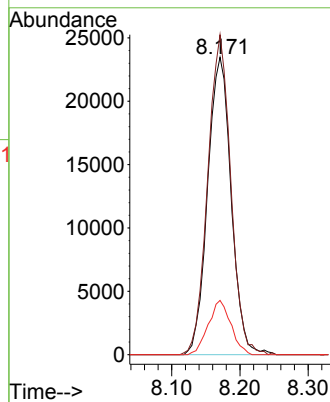
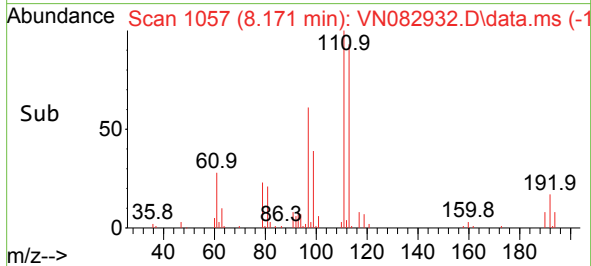


#35
Dibromofluoromethane
Concen: 52.943 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

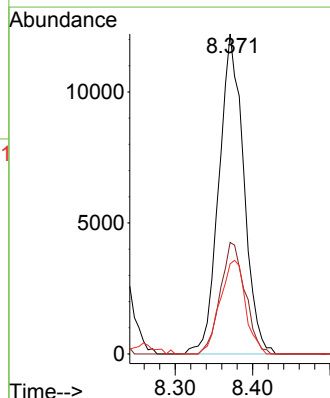
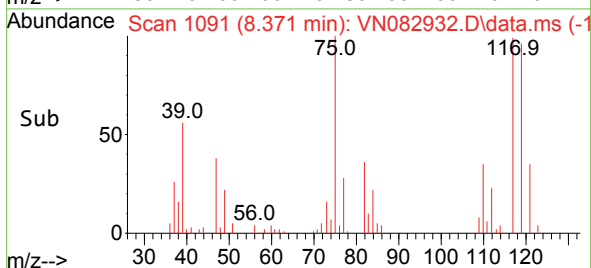
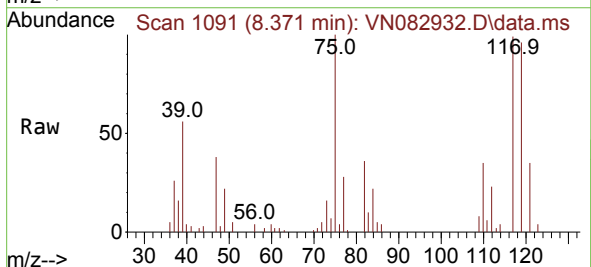


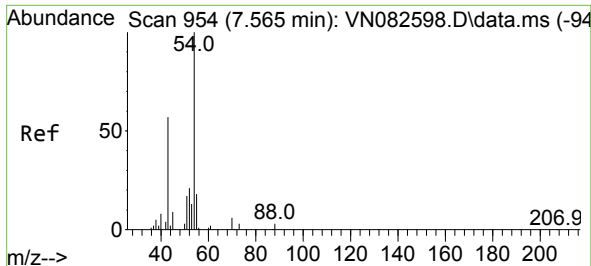
Tgt Ion:113 Resp: 56439
Ion Ratio Lower Upper
113 100
111 105.2 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 18.443 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 75 Resp: 27107
Ion Ratio Lower Upper
75 100
110 35.0 16.3 48.9
77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 21.751 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

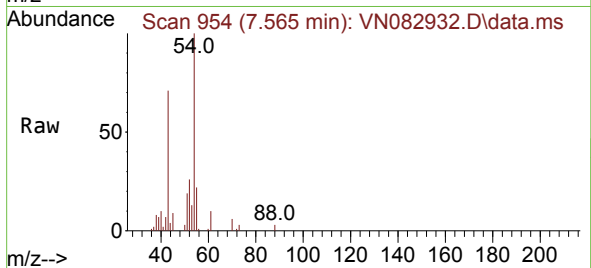
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



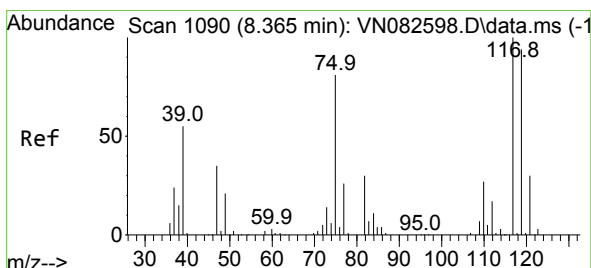
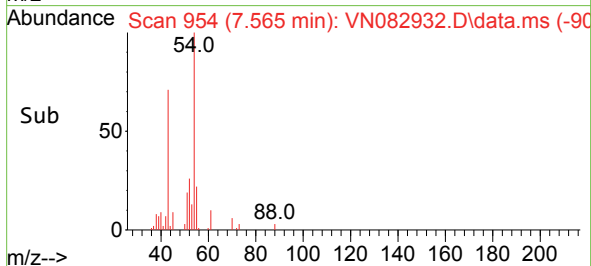
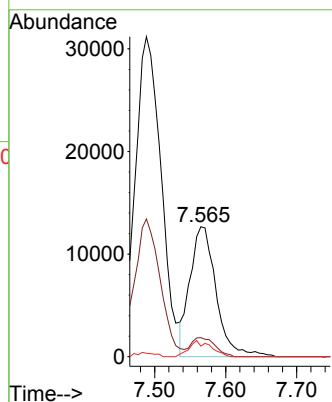
Tgt Ion: 43 Resp: 32547

Ion Ratio Lower Upper

43 100

61 13.4 9.3 13.9

70 10.2 7.0 10.6



#38

Carbon Tetrachloride

Concen: 18.532 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

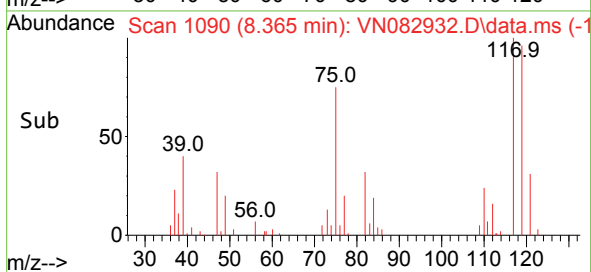
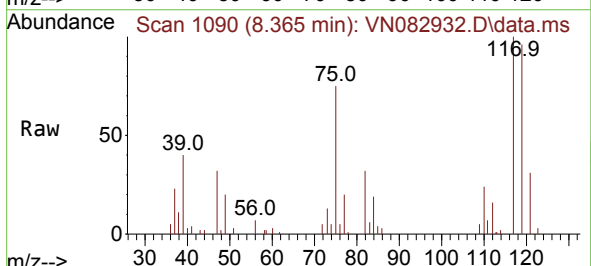
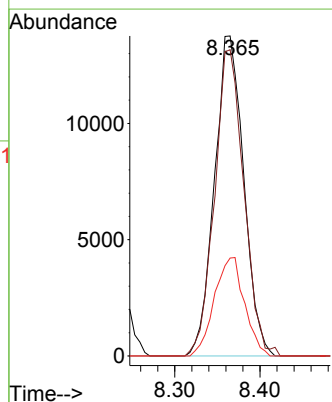
Tgt Ion: 117 Resp: 32795

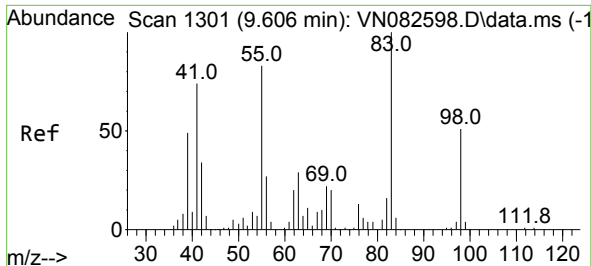
Ion Ratio Lower Upper

117 100

119 95.7 74.9 112.3

121 30.6 24.3 36.5

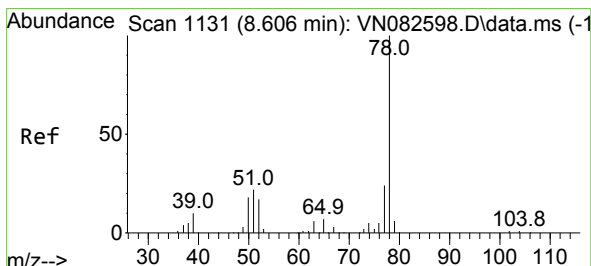
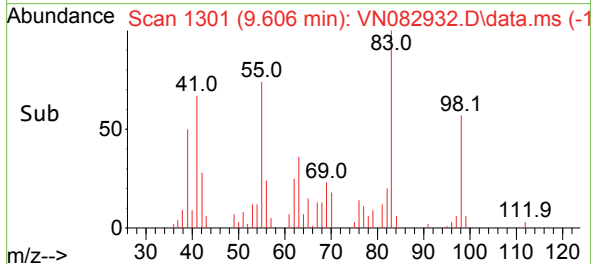
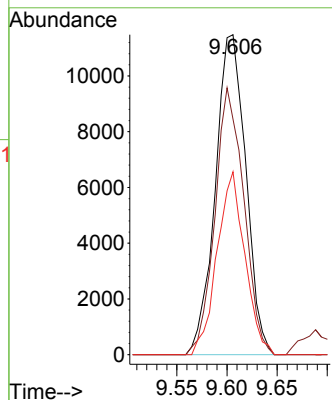
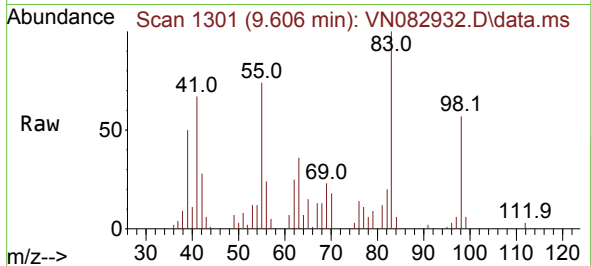




#39
Methylcyclohexane
Concen: 15.281 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

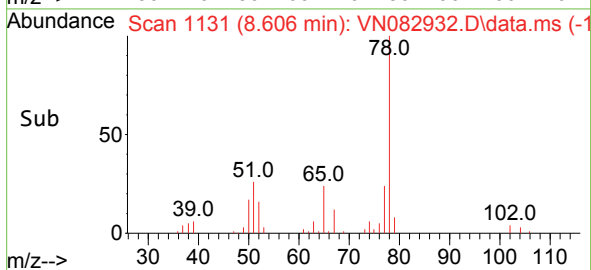
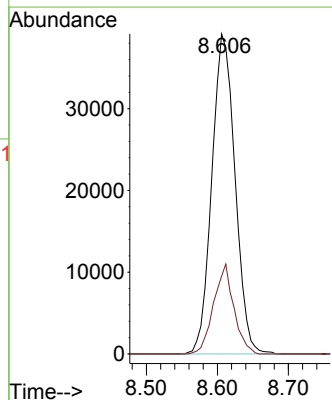
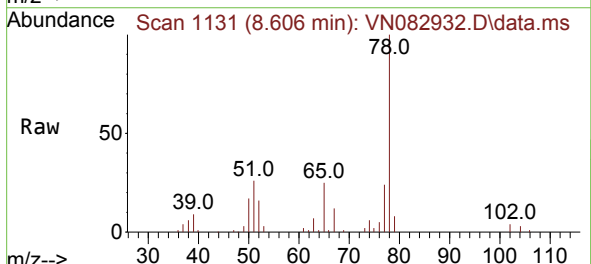
Instrument :
MSVOA_N
ClientSampleId :

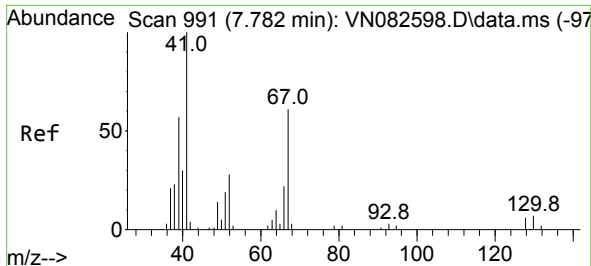
Tgt Ion: 83 Resp: 24261
Ion Ratio Lower Upper
83 100
55 73.6 66.4 99.6
98 57.2 40.7 61.1



#40
Benzene
Concen: 19.617 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 78 Resp: 88689
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

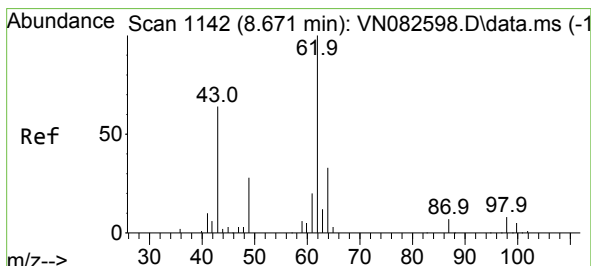
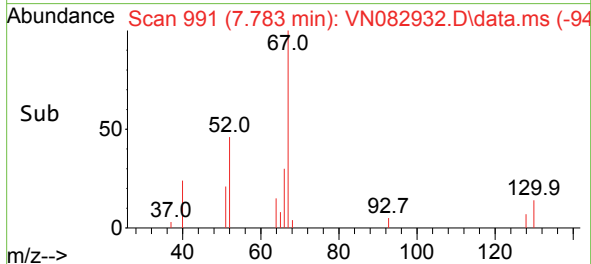
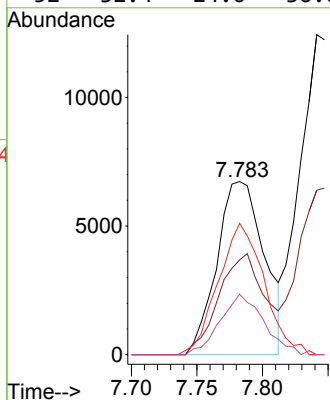
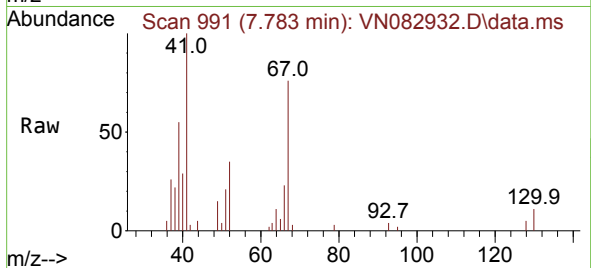




#41
Methacrylonitrile
Concen: 20.980 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

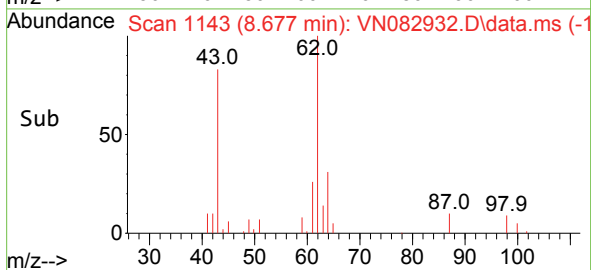
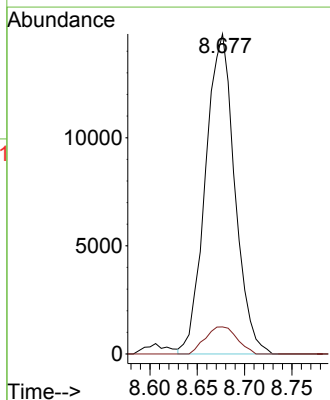
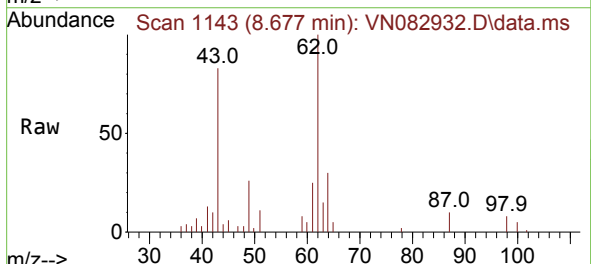
Instrument :
MSVOA_N
ClientSampleId :

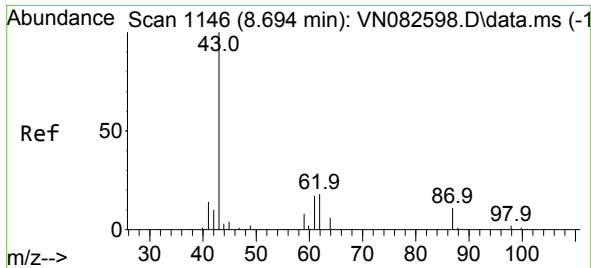
Tgt Ion: 41	Resp: 16913
Ion Ratio	Lower Upper
41 100	
39 56.8	45.5 68.3
67 73.3	50.5 75.7
52 32.4	24.0 36.0



#42
1,2-Dichloroethane
Concen: 19.565 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 62	Resp: 31843
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 15.8

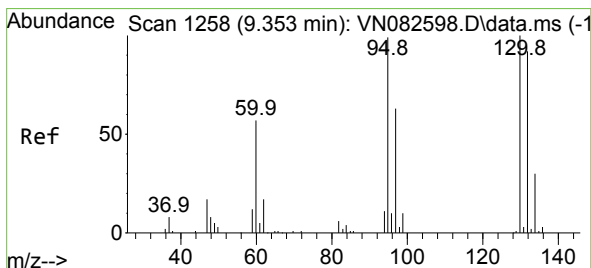
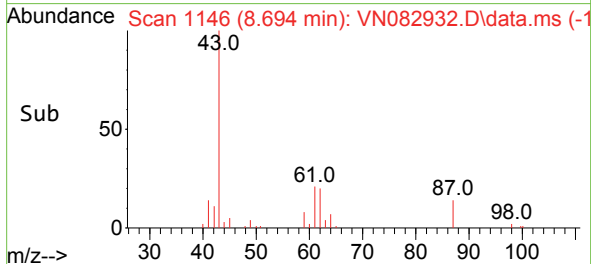
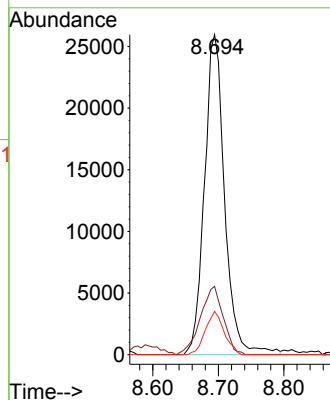
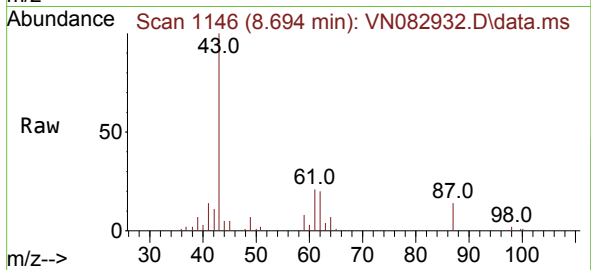




#43
Isopropyl Acetate
Concen: 17.759 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

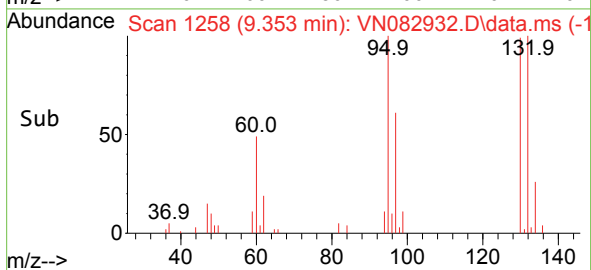
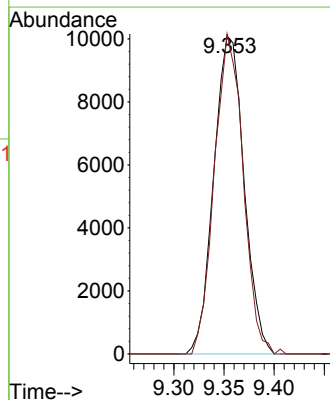
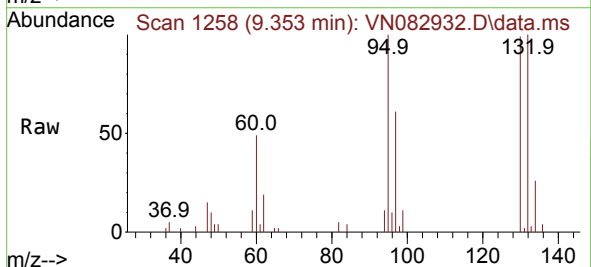
Instrument :
MSVOA_N
ClientSampleId :

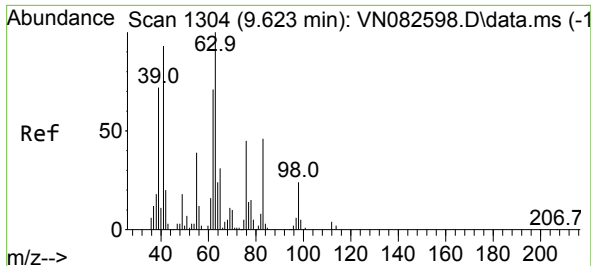
Tgt Ion: 43 Resp: 55506
Ion Ratio Lower Upper
43 100
61 24.2 17.8 26.6
87 12.7 8.2 12.2#



#44
Trichloroethene
Concen: 18.299 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

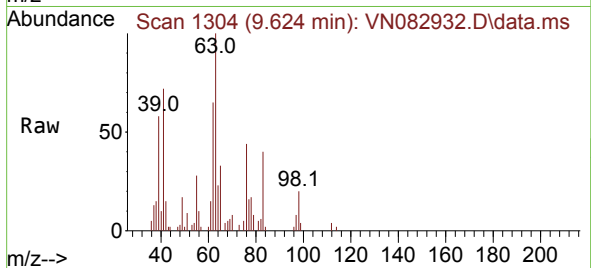
Tgt Ion:130 Resp: 21196
Ion Ratio Lower Upper
130 100
95 100.6 0.0 197.8



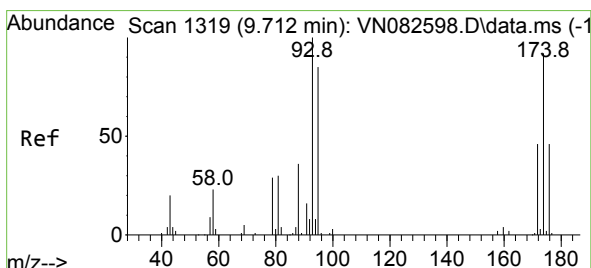
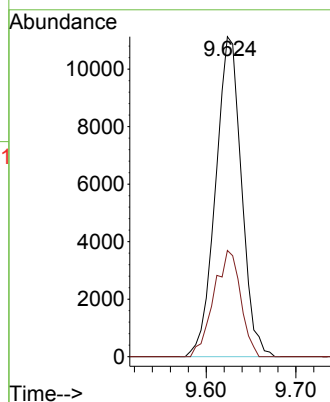
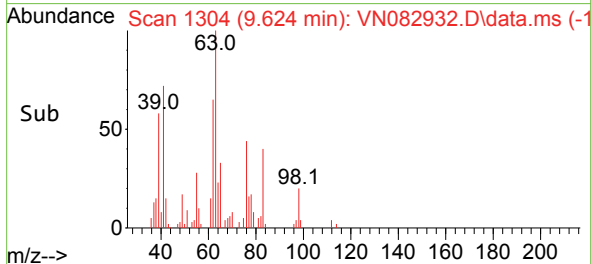


#45
1,2-Dichloropropane
Concen: 21.122 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

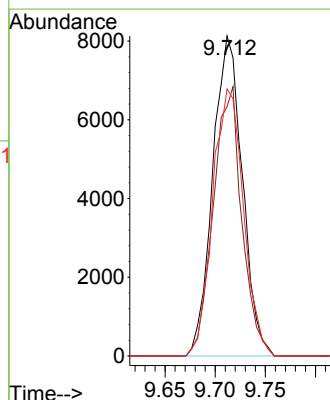
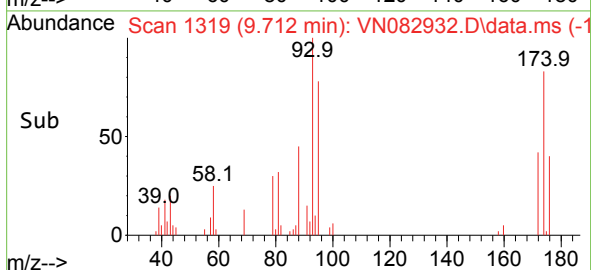
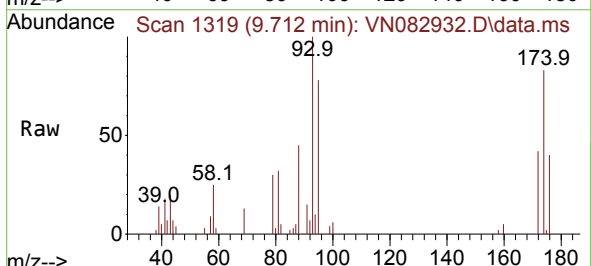


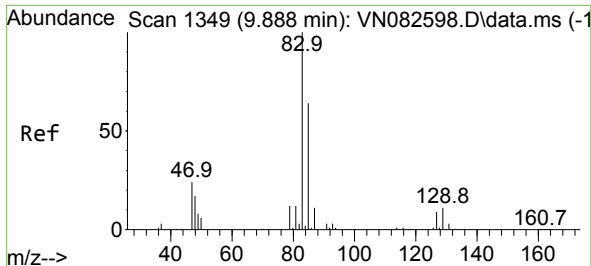
Tgt Ion: 63 Resp: 22294
Ion Ratio Lower Upper
63 100
65 33.2 24.4 36.6



#46
Dibromomethane
Concen: 20.304 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 93 Resp: 16696
Ion Ratio Lower Upper
93 100
95 80.7 65.8 98.6
174 86.7 71.7 107.5

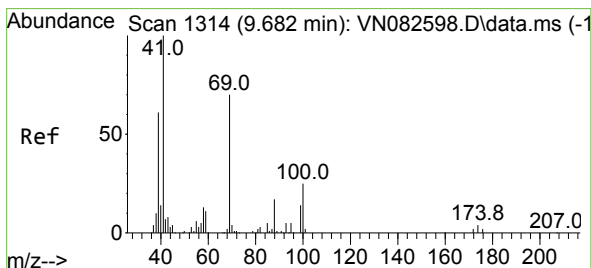
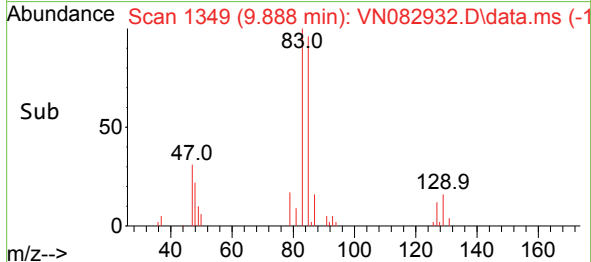
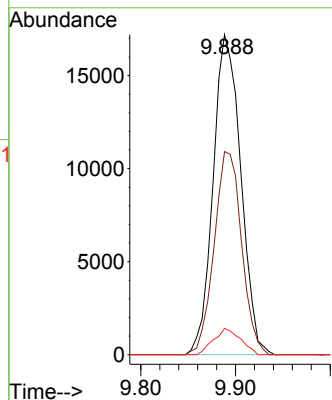
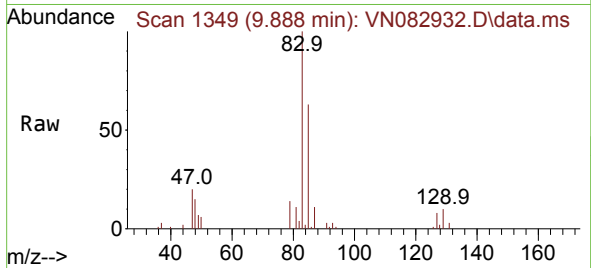




#47
Bromodichloromethane
Concen: 20.510 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

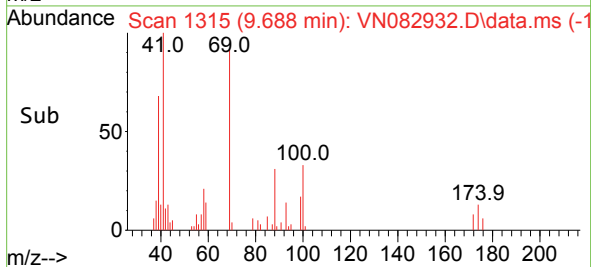
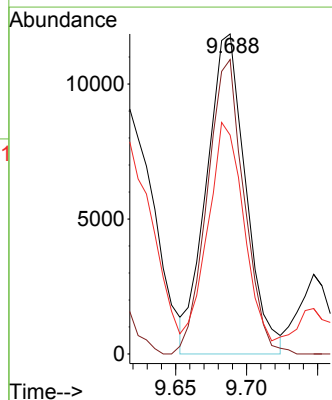
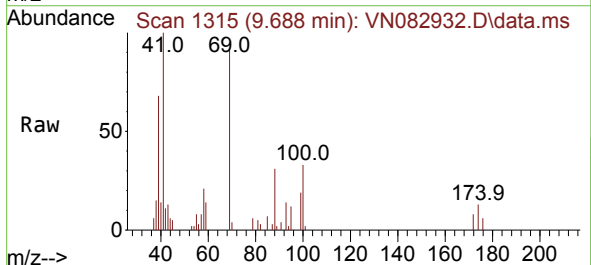
Instrument :
MSVOA_N
ClientSampleId :

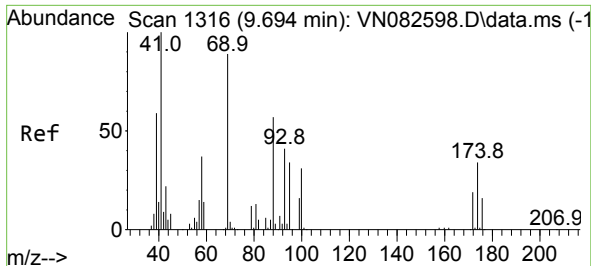
Tgt Ion: 83 Resp: 34847
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.2 7.2 10.8



#48
Methyl methacrylate
Concen: 19.337 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 41 Resp: 22688
Ion Ratio Lower Upper
41 100
69 86.7 56.3 84.5#
39 70.0 50.3 75.5





#49

1,4-Dioxane

Concen: 433.874 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

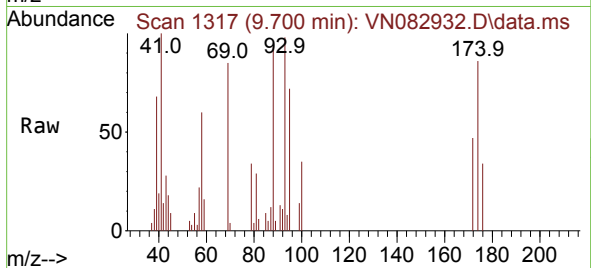
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



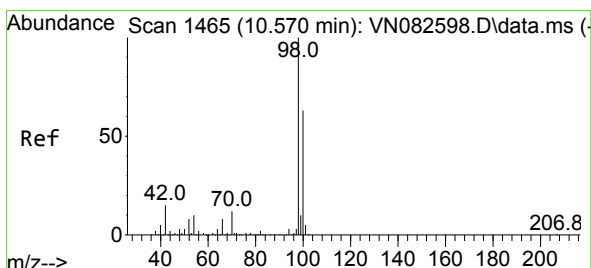
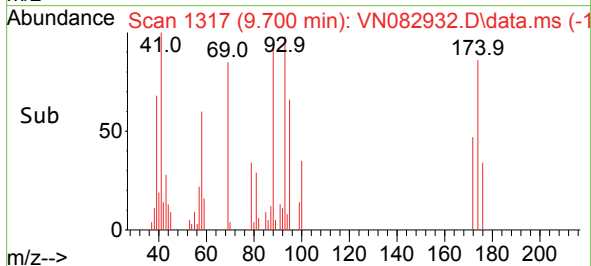
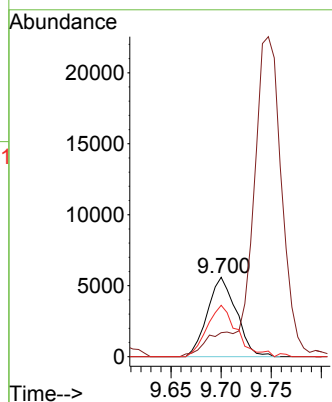
Tgt Ion: 88 Resp: 11216

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 67.7 59.4 89.0



#50

Toluene-d8

Concen: 54.418 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082932.D

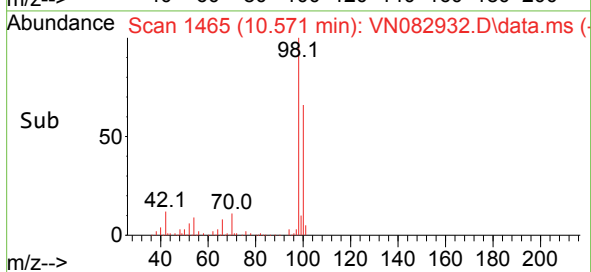
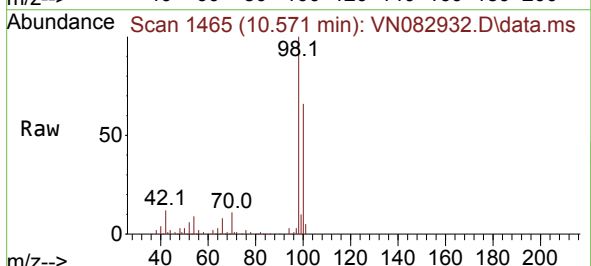
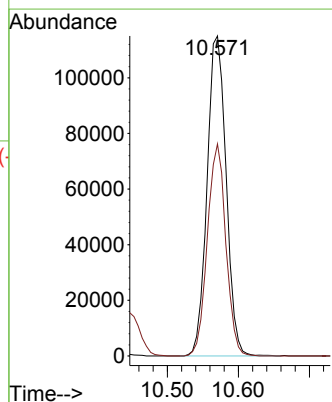
Acq: 16 Jul 2024 13:27

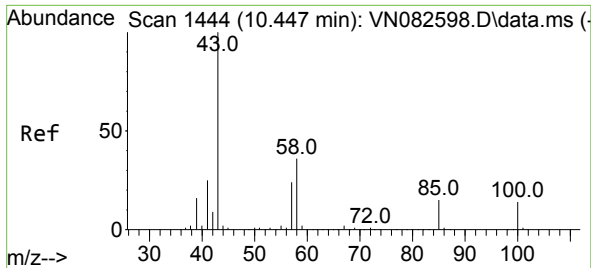
Tgt Ion: 98 Resp: 214262

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

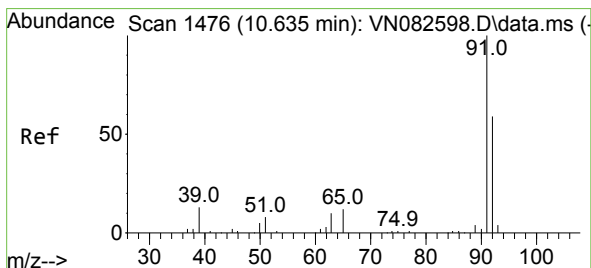
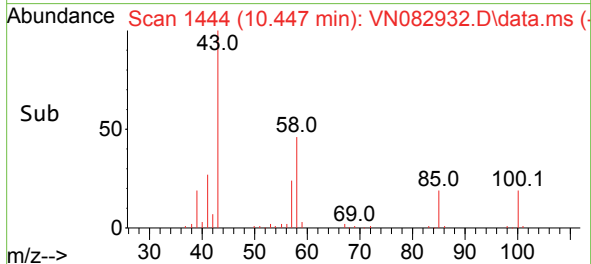
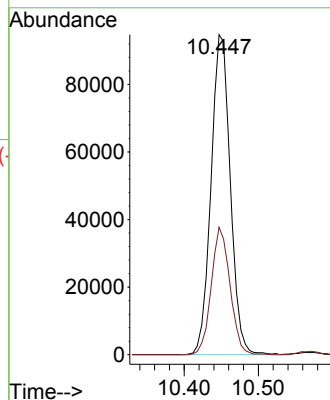
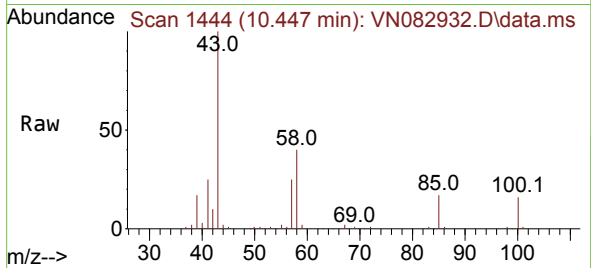




#51
4-Methyl-2-Pentanone
Concen: 115.378 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

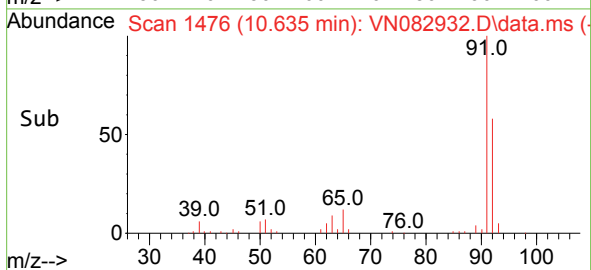
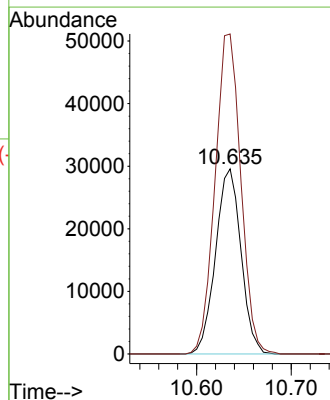
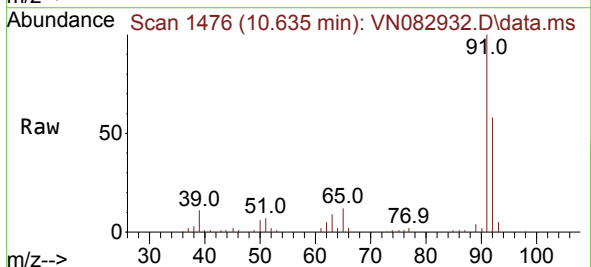
Instrument :
MSVOA_N
ClientSampleId :

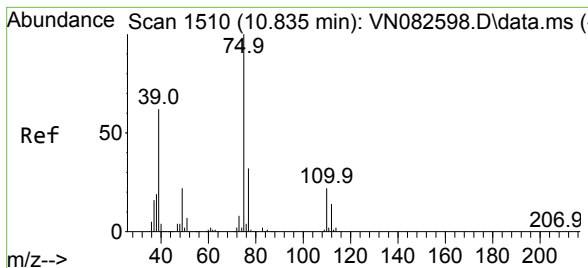
Tgt Ion: 43 Resp: 171161
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4



#52
Toluene
Concen: 19.538 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 92 Resp: 55178
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0

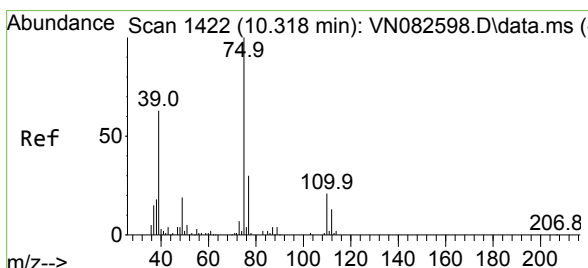
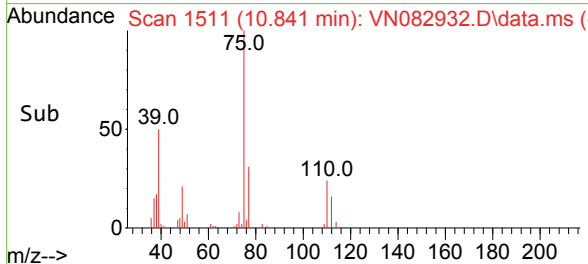
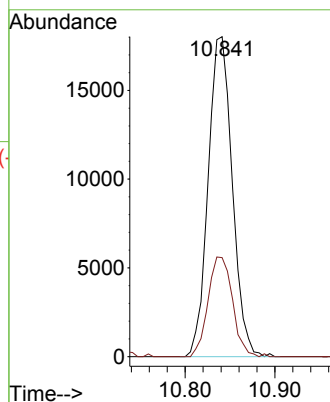
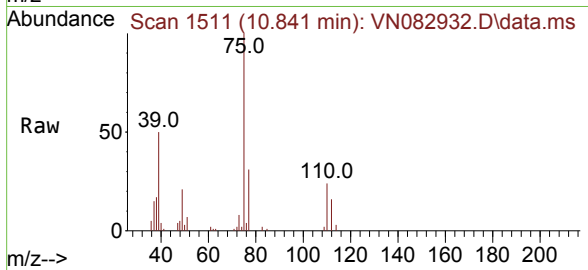




#53
 t-1,3-Dichloropropene
 Concen: 19.232 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

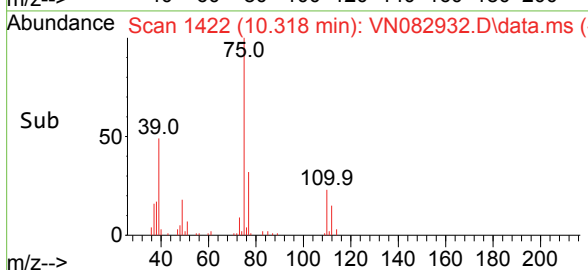
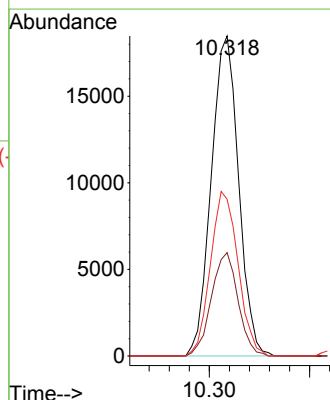
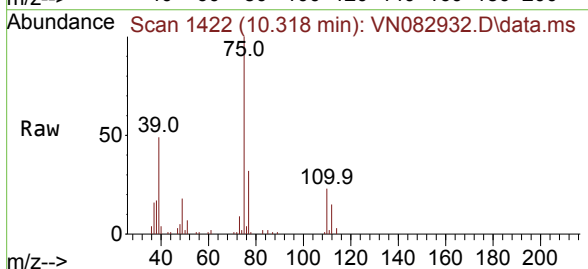
Instrument :
 MSVOA_N
 ClientSampleId :

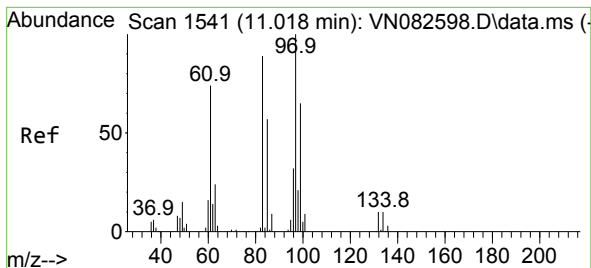
Tgt Ion: 75 Resp: 33662
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.850 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Tgt Ion: 75 Resp: 34924
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.3 36.5
 39 49.0 50.5 75.7#





#55

1,1,2-Trichloroethane

Concen: 21.134 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

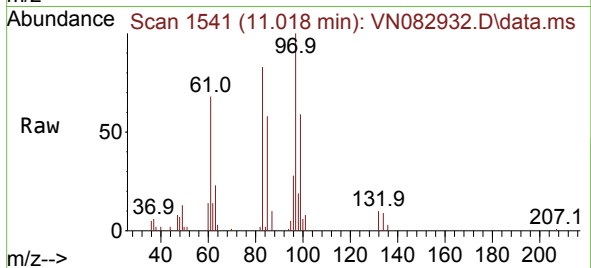
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 21948

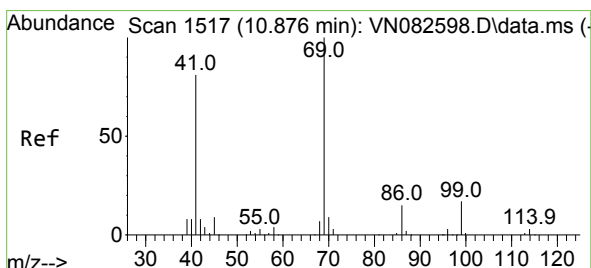
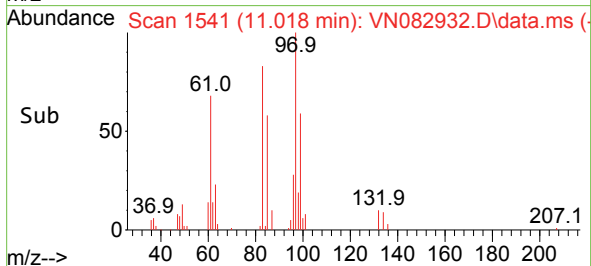
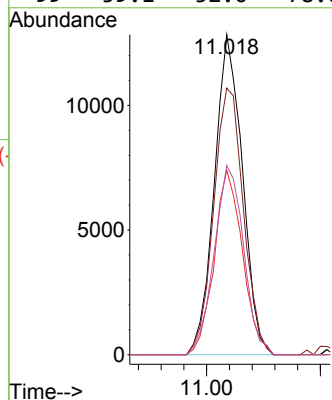
Ion Ratio Lower Upper

97 100

83 83.3 71.4 107.0

85 57.6 45.8 68.6

99 59.1 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.181 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

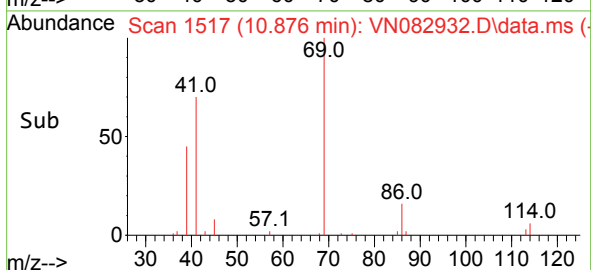
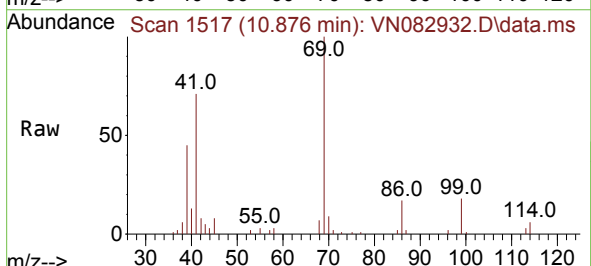
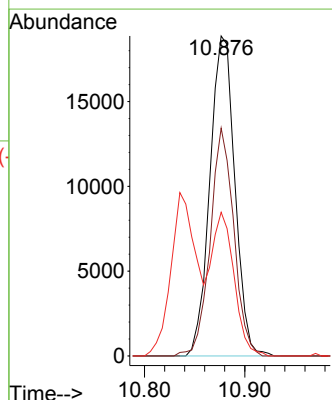
Tgt Ion: 69 Resp: 32606

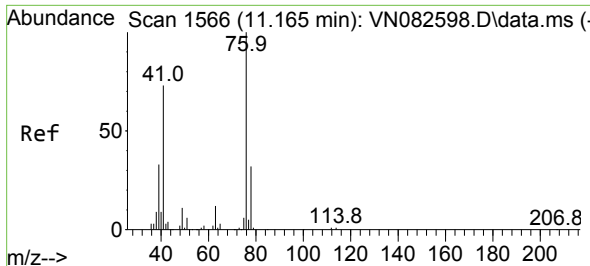
Ion Ratio Lower Upper

69 100

41 67.3 63.4 95.2

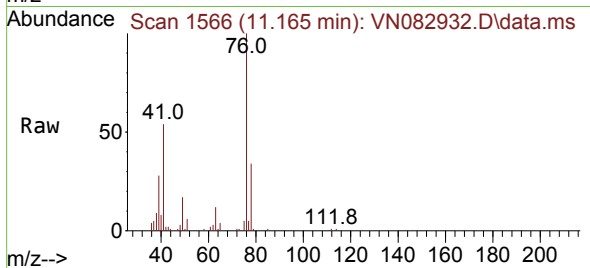
39 41.4 37.4 56.0



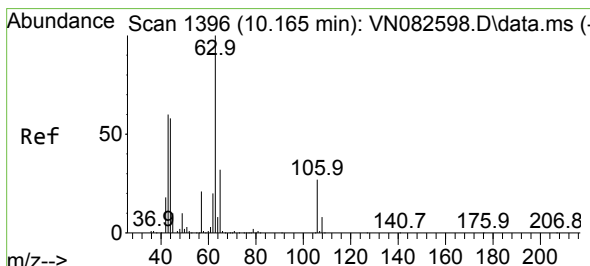
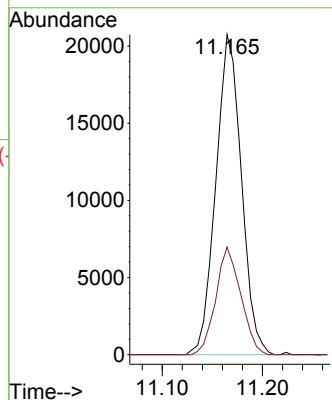
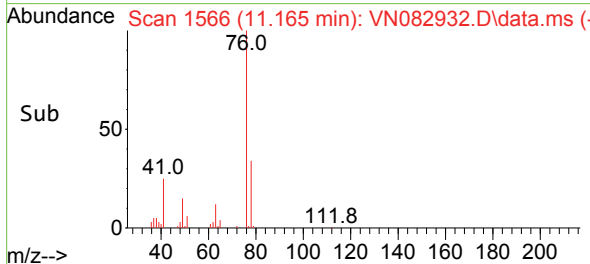


#57
1,3-Dichloropropane
Concen: 19.929 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

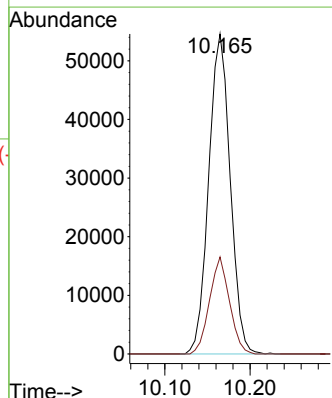
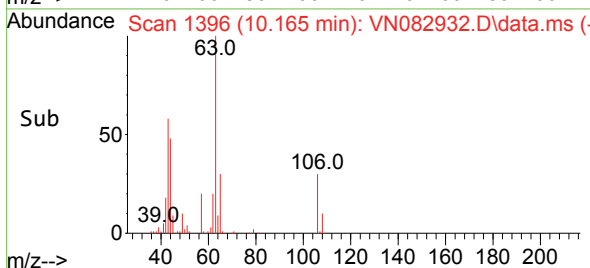
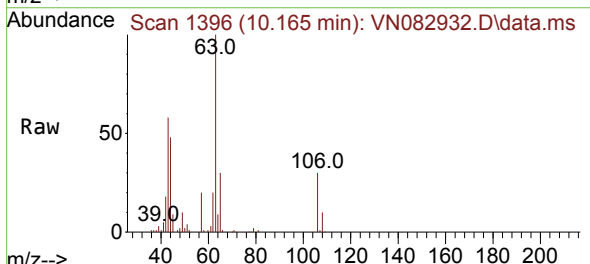


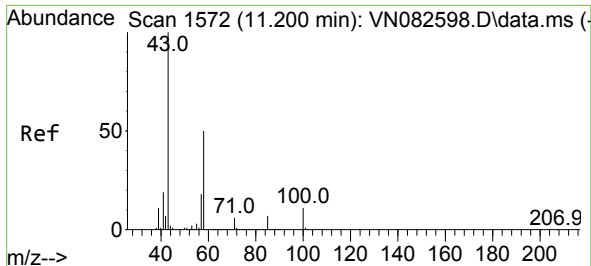
Tgt Ion: 76 Resp: 36636
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 115.244 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

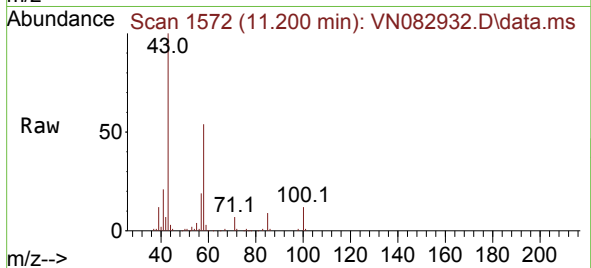
Tgt Ion: 63 Resp: 95545
Ion Ratio Lower Upper
63 100
106 28.2 21.4 32.0



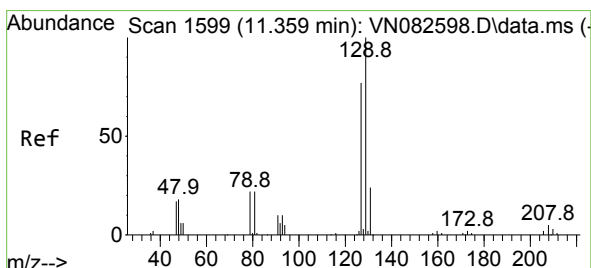
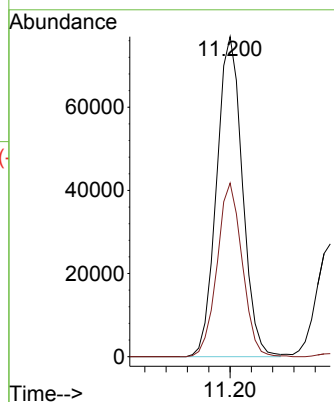
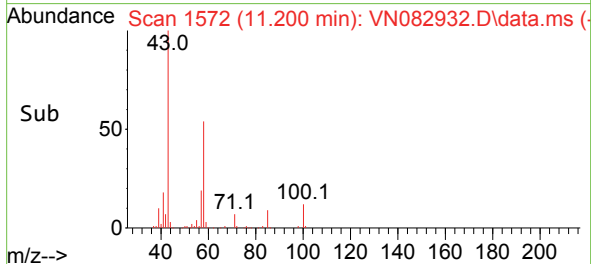


#59
2-Hexanone
Concen: 117.238 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

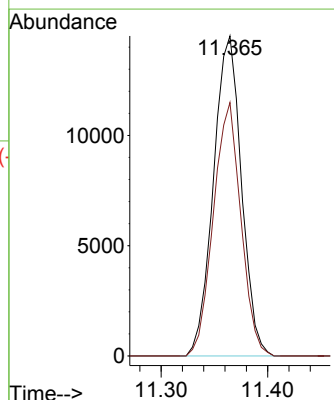
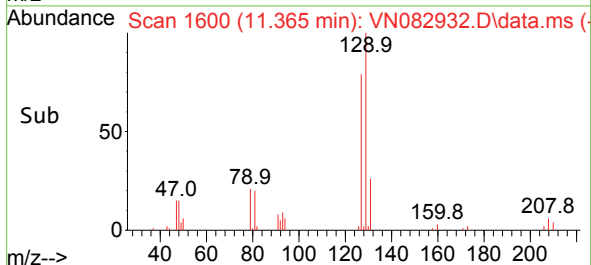
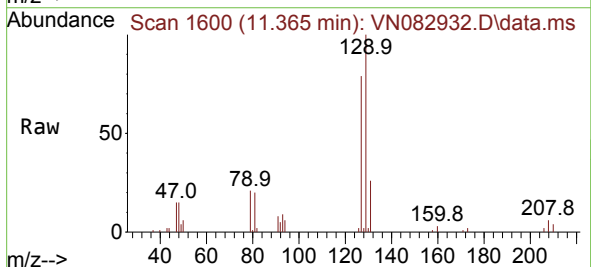


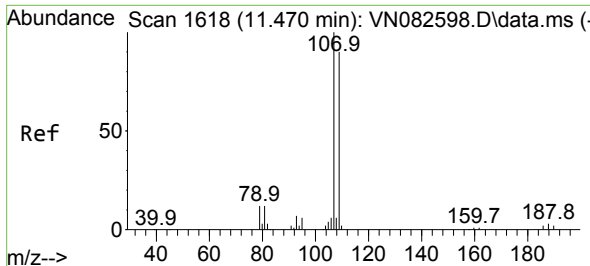
Tgt Ion: 43 Resp: 129306
Ion Ratio Lower Upper
43 100
58 52.7 24.6 73.8



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:129 Resp: 26513
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

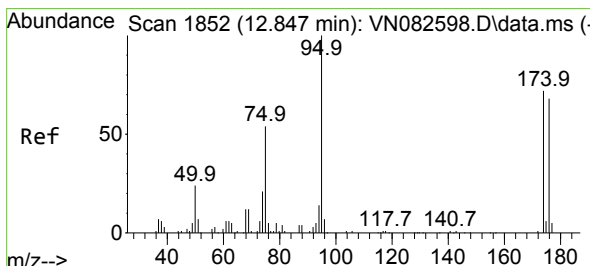
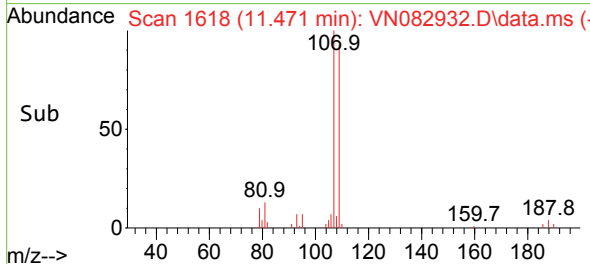
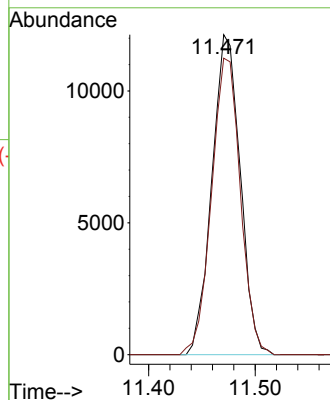
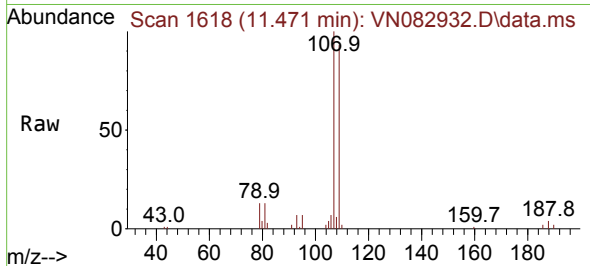




#61
1,2-Dibromoethane
Concen: 20.293 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

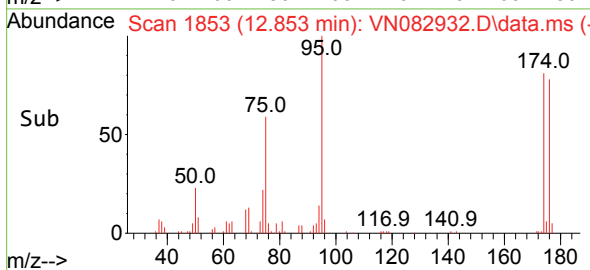
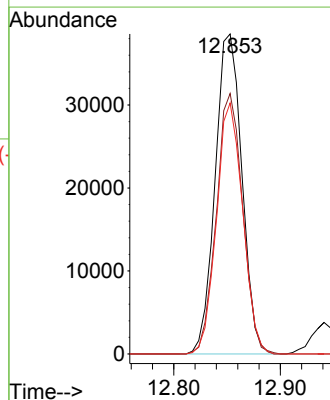
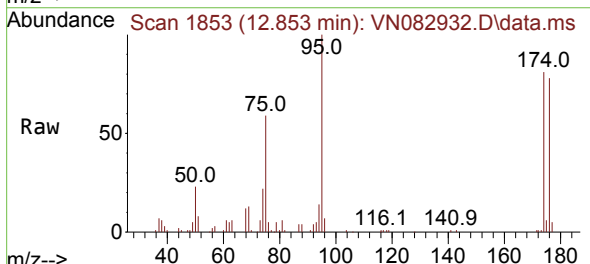
Instrument :
MSVOA_N
ClientSampleId :

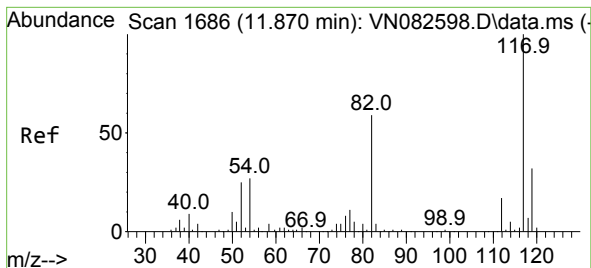
Tgt Ion:107 Resp: 22380
Ion Ratio Lower Upper
107 100
109 94.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 47.534 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 95 Resp: 67229
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 76.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

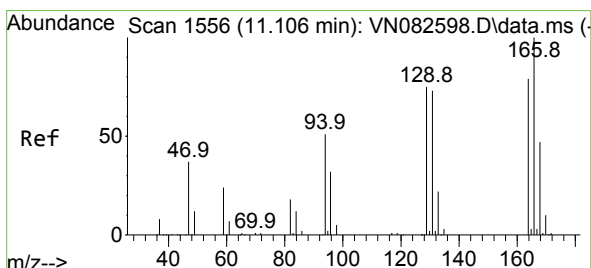
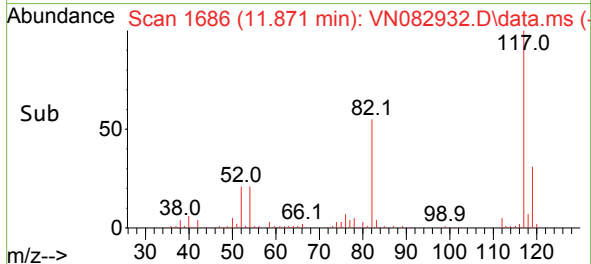
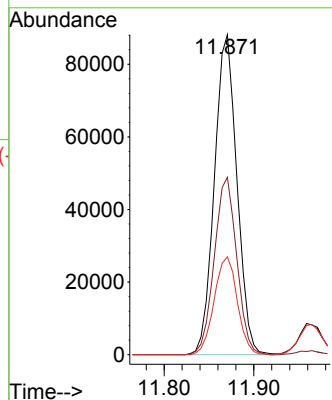
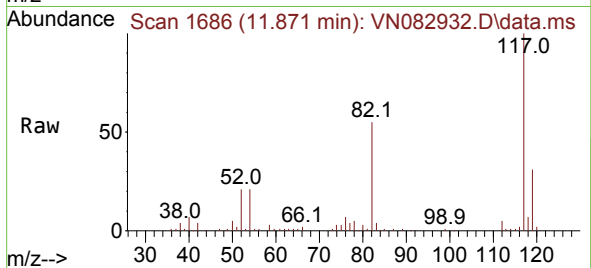
Tgt Ion:117 Resp: 153640

Ion Ratio Lower Upper

117 100

82 55.5 47.5 71.3

119 30.5 25.6 38.4



#64

Tetrachloroethene

Concen: 18.202 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Tgt Ion:164 Resp: 20864

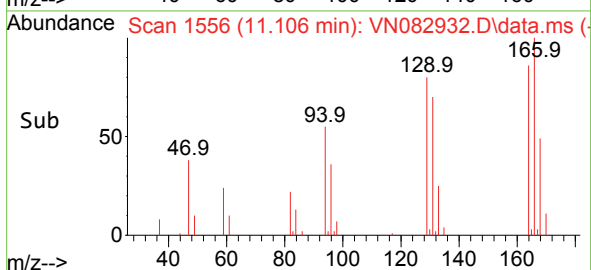
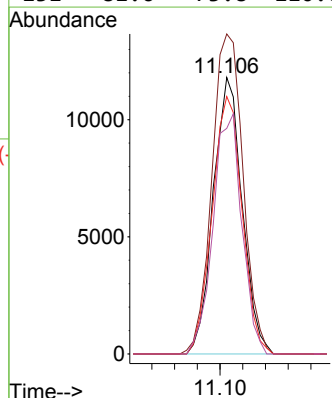
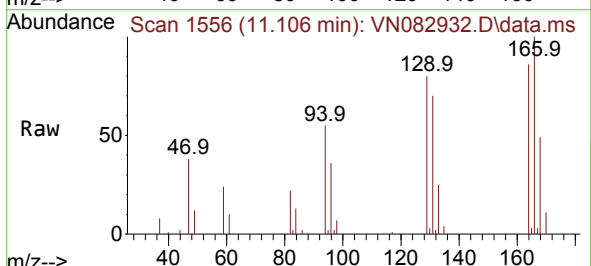
Ion Ratio Lower Upper

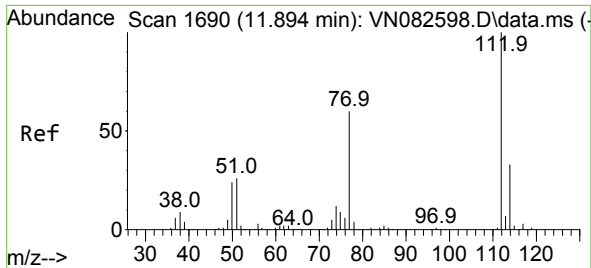
164 100

166 115.8 101.4 152.0

129 93.2 75.7 113.5

131 81.6 73.8 110.6

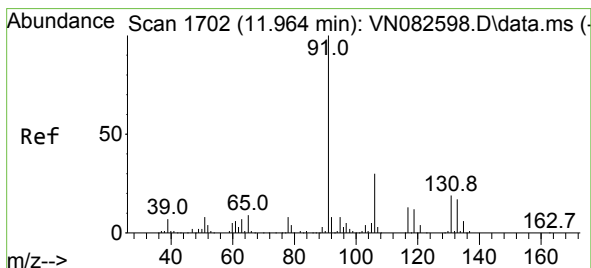
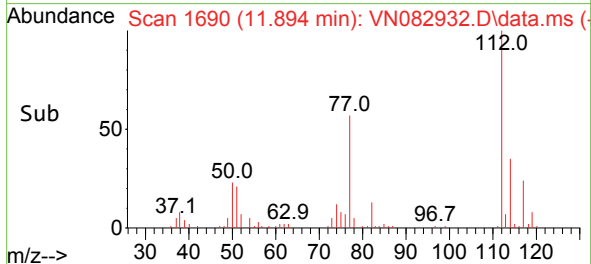
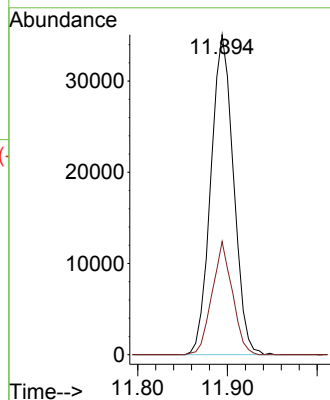
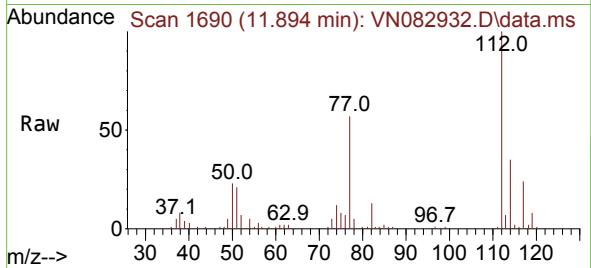




#65
Chlorobenzene
Concen: 18.686 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

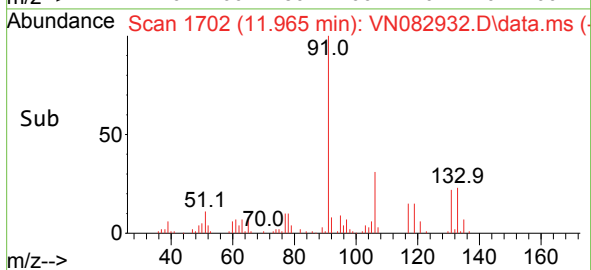
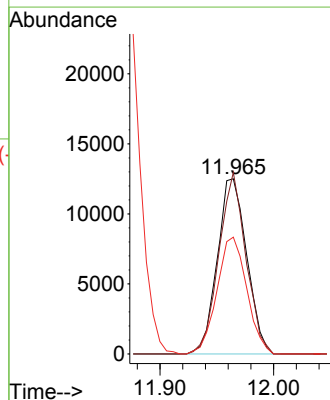
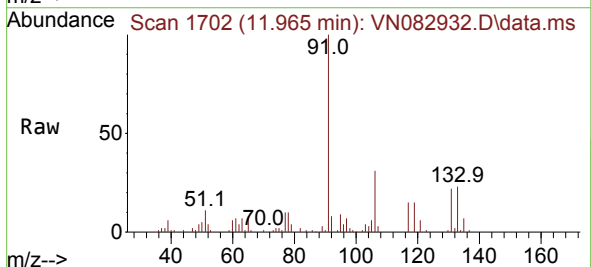
Instrument :
MSVOA_N
ClientSampleId :

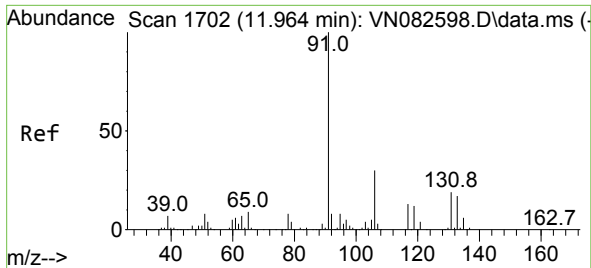
Tgt Ion:112 Resp: 61519
Ion Ratio Lower Upper
112 100
114 35.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.249 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:131 Resp: 22542
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 67.5 32.5 97.4

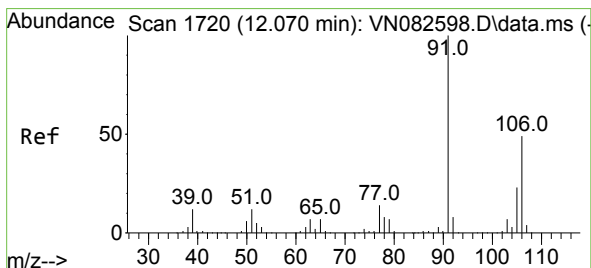
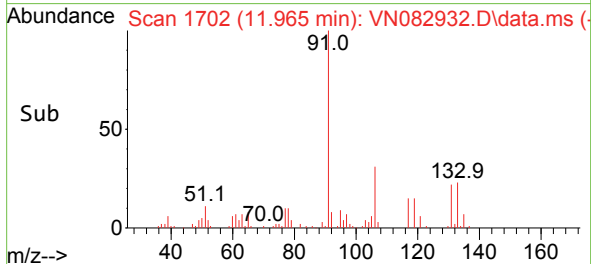
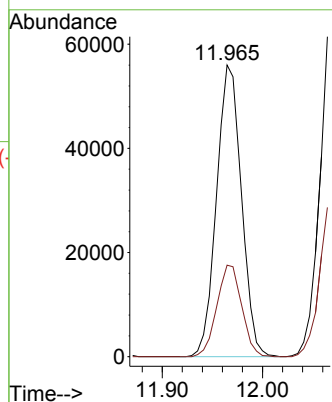
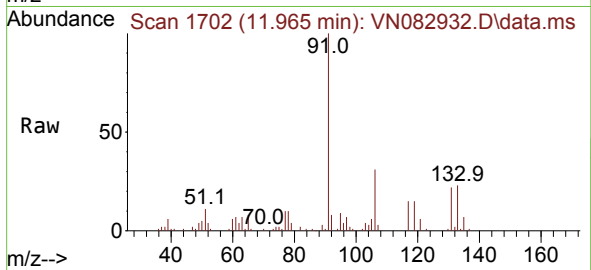




#67
Ethyl Benzene
Concen: 17.422 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

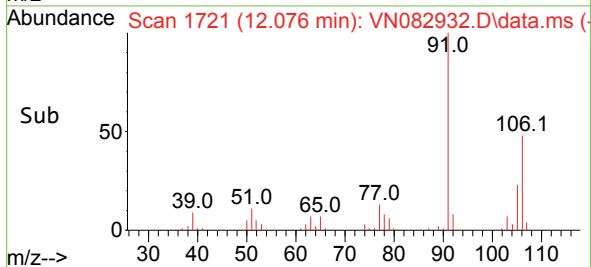
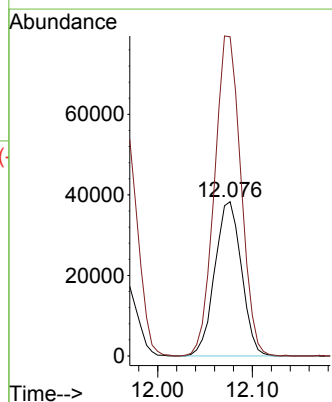
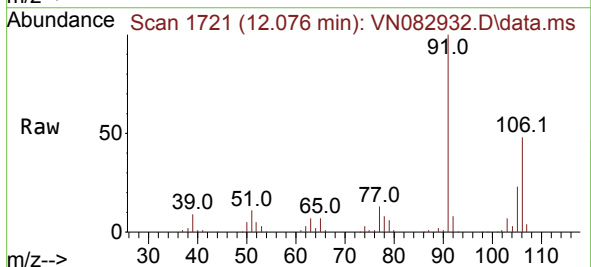
Instrument :
MSVOA_N
ClientSampleId :

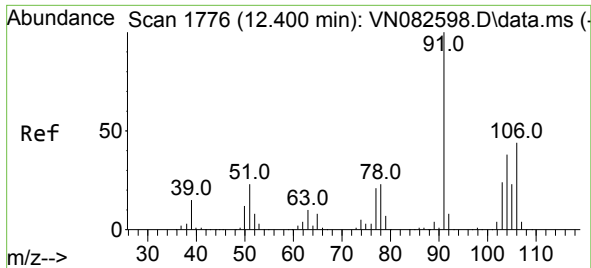
Tgt Ion: 91 Resp: 96399
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0



#68
m/p-Xylenes
Concen: 35.900 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:106 Resp: 74996
Ion Ratio Lower Upper
106 100
91 205.9 166.1 249.1

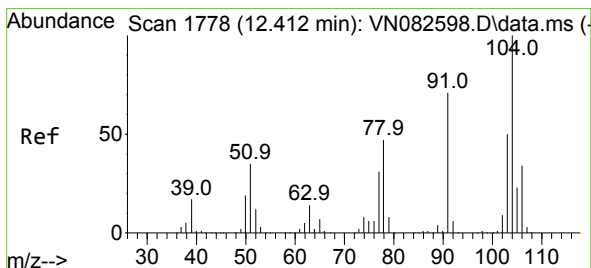
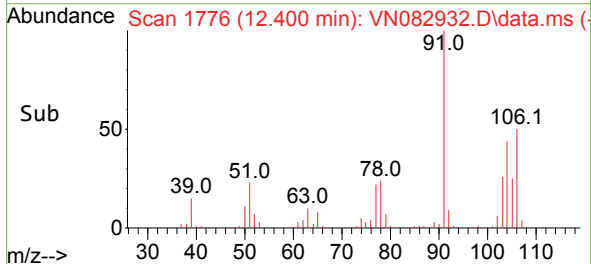
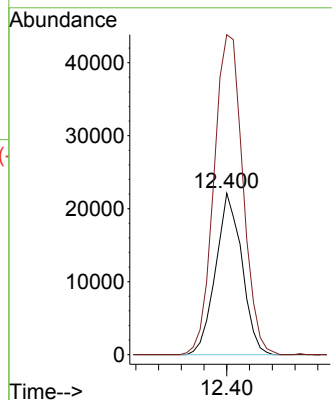
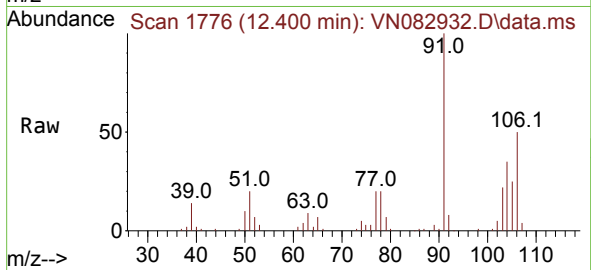




#69
o-Xylene
Concen: 17.730 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

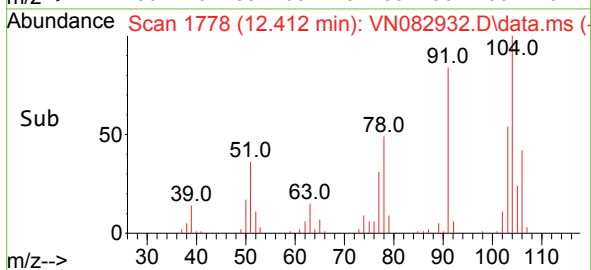
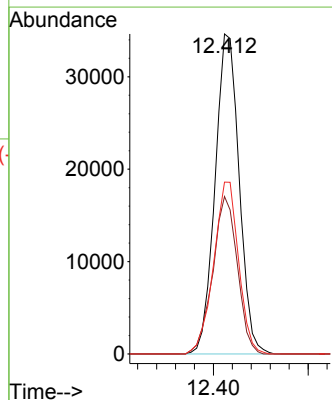
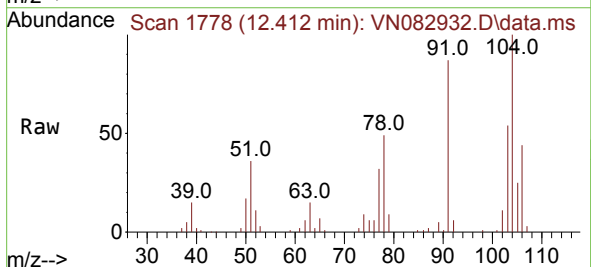
Instrument :
MSVOA_N
ClientSampleId :

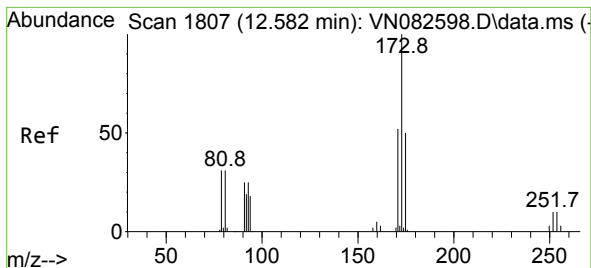
Tgt Ion:106 Resp: 35489
Ion Ratio Lower Upper
106 100
91 218.2 111.3 333.9



#70
Styrene
Concen: 18.484 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:104 Resp: 61134
Ion Ratio Lower Upper
104 100
78 50.2 41.6 62.4
103 55.7 44.0 66.0





#71

Bromoform

Concen: 19.835 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082932.D

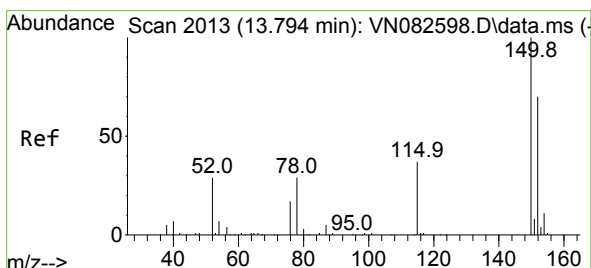
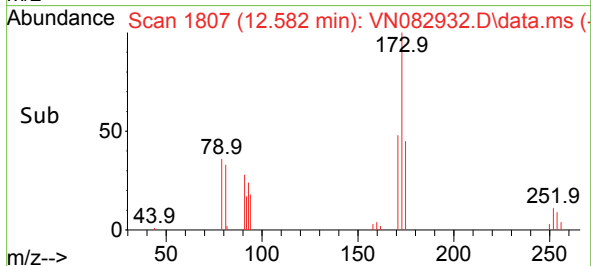
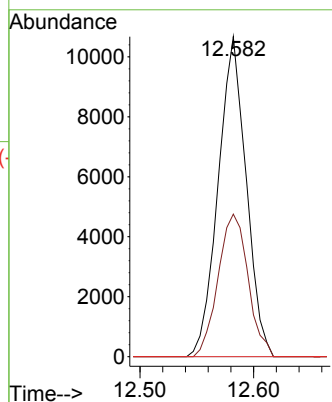
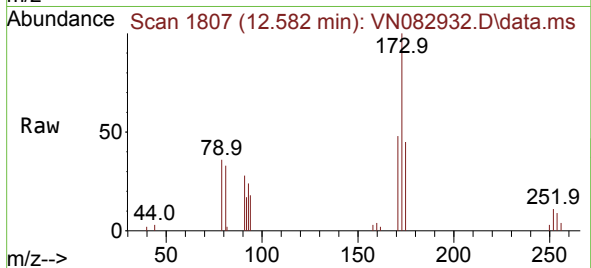
Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	18267
Ion Ratio	Lower	Upper
173	100	
175	47.7	24.0 72.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

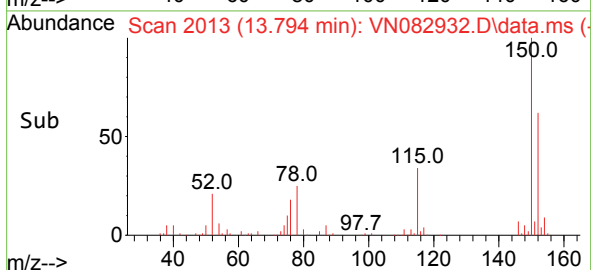
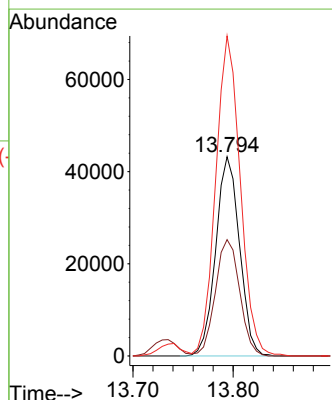
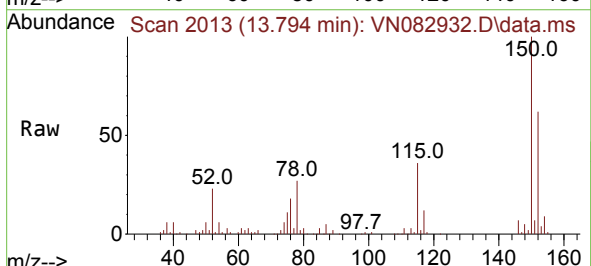
RT: 13.794 min Scan# 2013

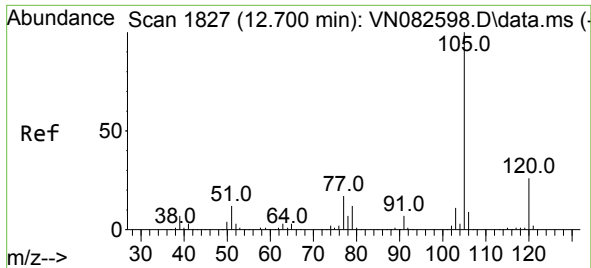
Delta R.T. -0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Tgt Ion:152	Resp:	71249
Ion Ratio	Lower	Upper
152	100	
115	59.7	30.6 91.6
150	165.9	0.0 348.6

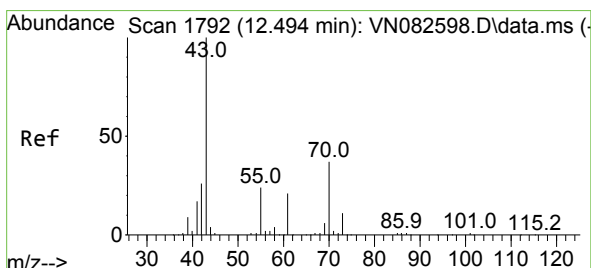
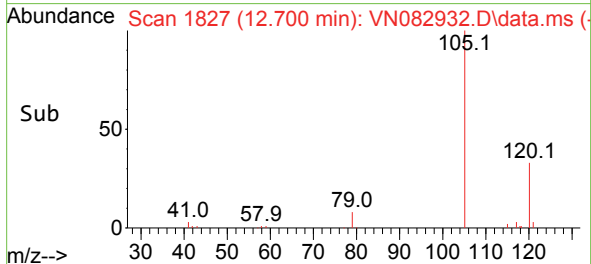
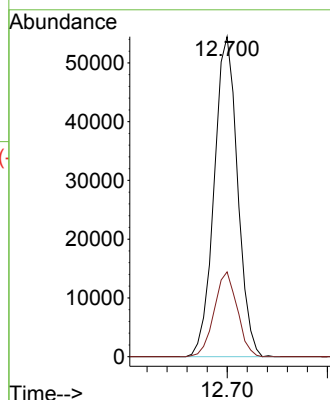
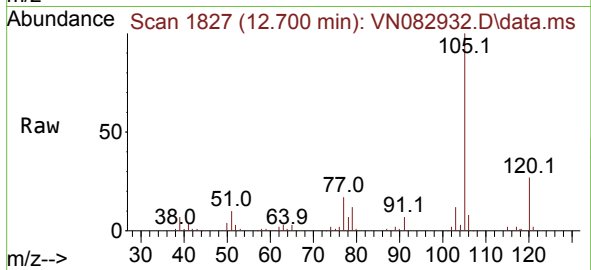




#73
Isopropylbenzene
Concen: 17.055 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

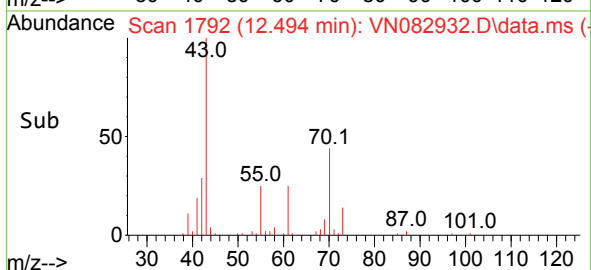
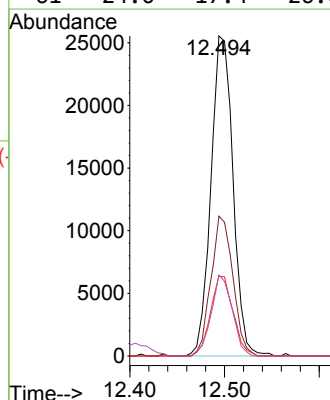
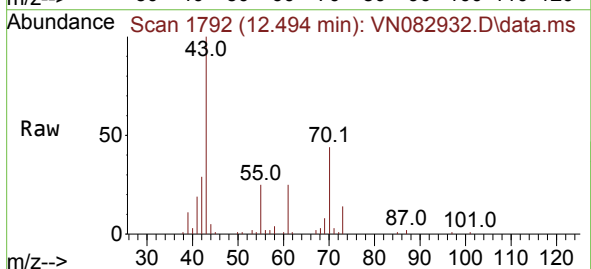
Instrument :
MSVOA_N
ClientSampleId :

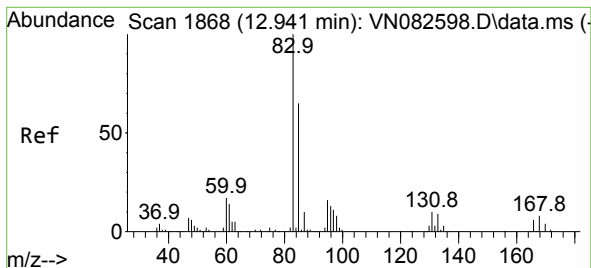
Tgt Ion:105 Resp: 88301
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 19.293 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 43 Resp: 41316
Ion Ratio Lower Upper
43 100
70 43.4 29.8 44.6
55 25.5 18.7 28.1
61 24.0 17.4 26.0

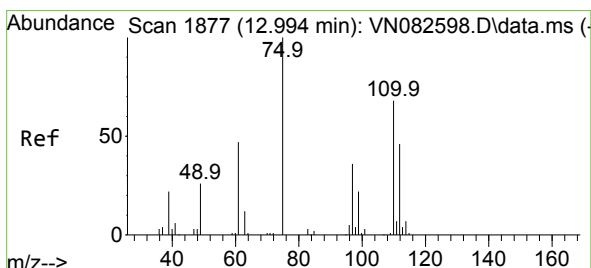
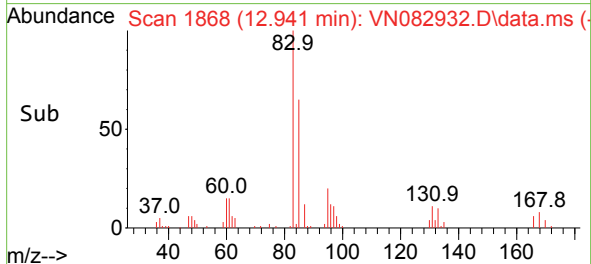
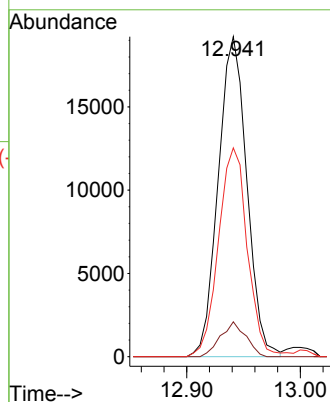
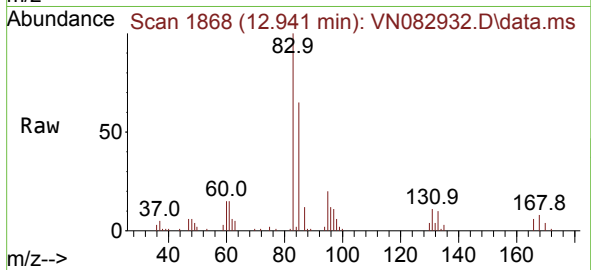




#75
1,1,2,2-Tetrachloroethane
Concen: 21.672 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

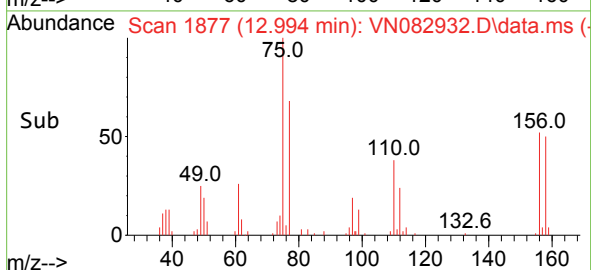
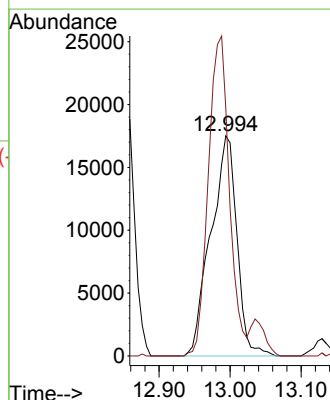
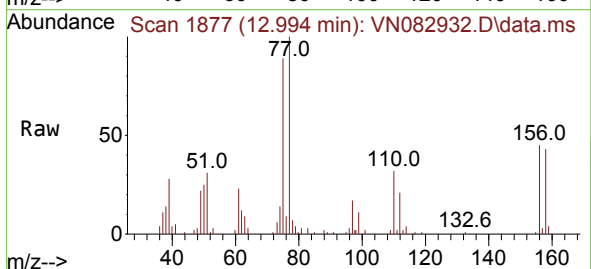
Instrument :
MSVOA_N
ClientSampleId :

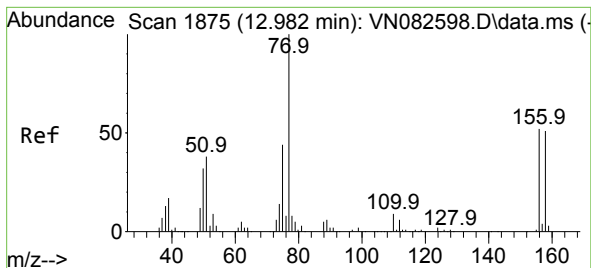
Tgt Ion: 83 Resp: 33604
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 65.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 36.357 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 75 Resp: 44660
Ion Ratio Lower Upper
75 100
77 117.5 110.9 332.6





#77

Bromobenzene

Concen: 17.803 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

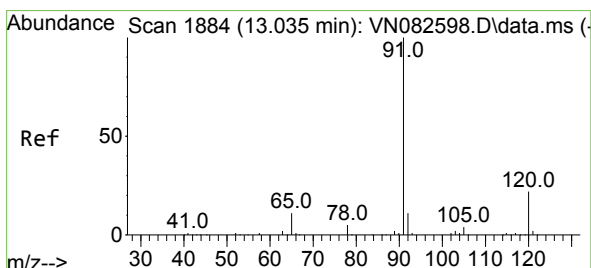
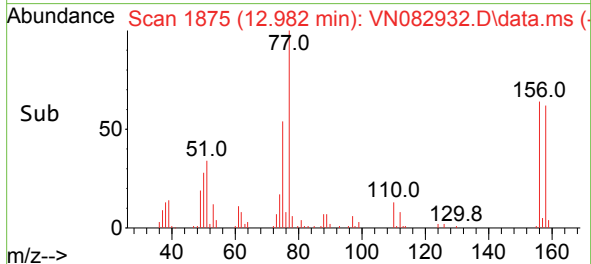
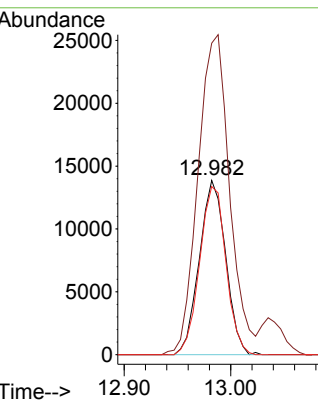
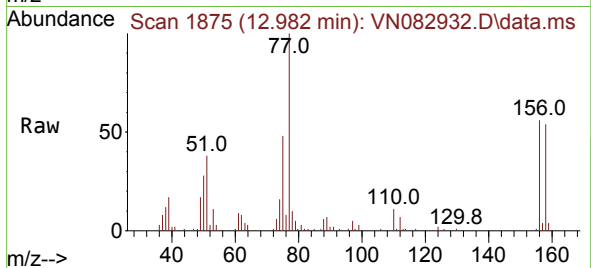
Tgt Ion:156 Resp: 23779

Ion Ratio Lower Upper

156 100

77 220.6 111.3 333.8

158 96.5 48.3 144.9



#78

n-propylbenzene

Concen: 17.838 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN082932.D

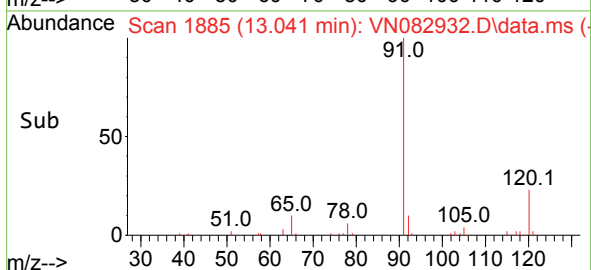
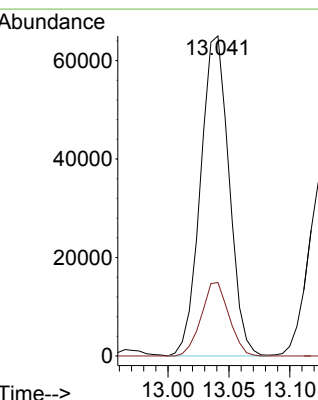
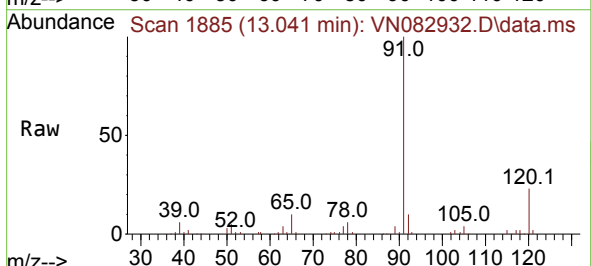
Acq: 16 Jul 2024 13:27

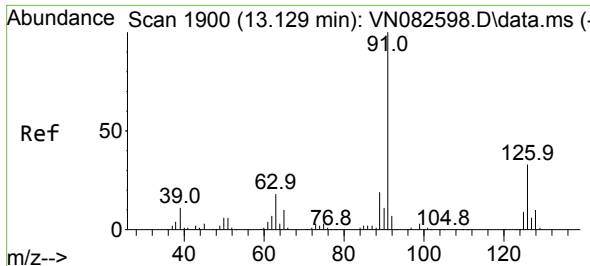
Tgt Ion: 91 Resp: 106182

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9

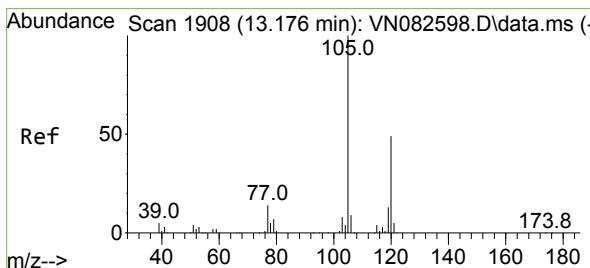
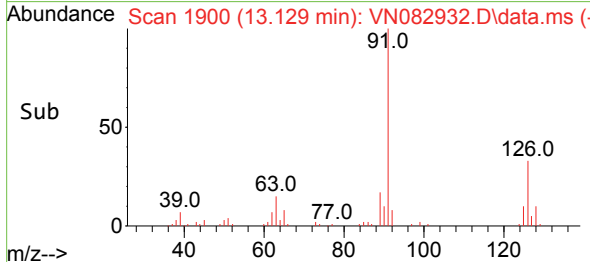
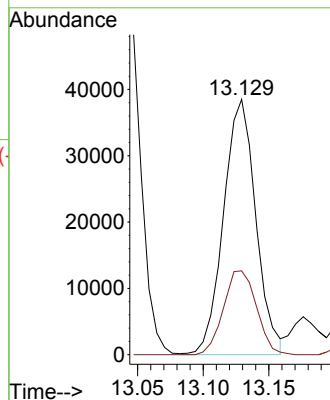
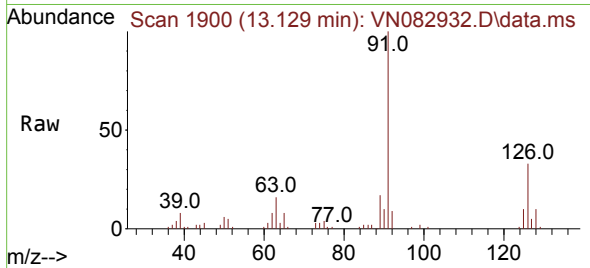




#79
2-Chlorotoluene
Concen: 17.410 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

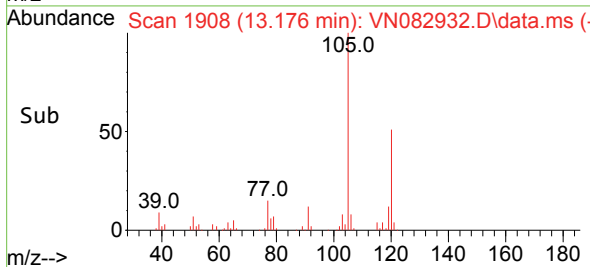
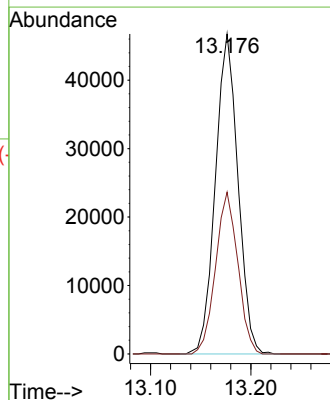
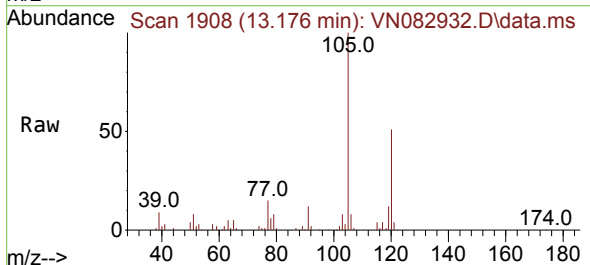
Instrument :
MSVOA_N
ClientSampleId :

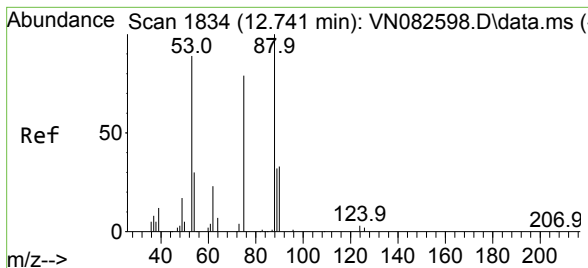
Tgt Ion: 91 Resp: 66032
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 17.438 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:105 Resp: 72975
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

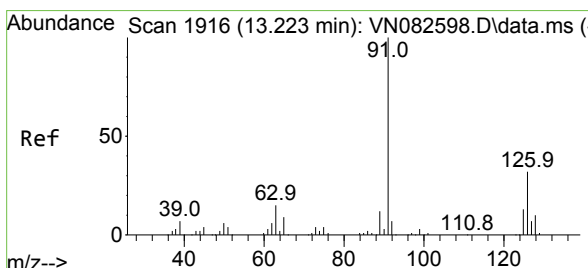
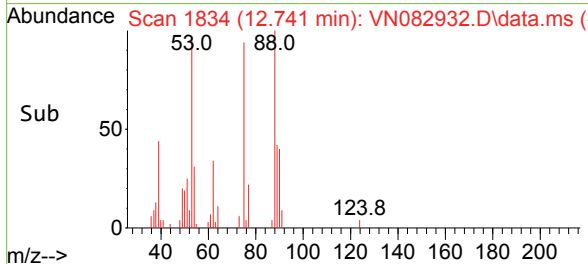
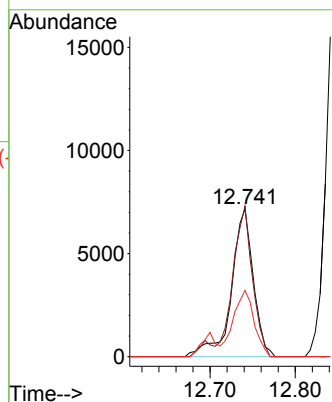
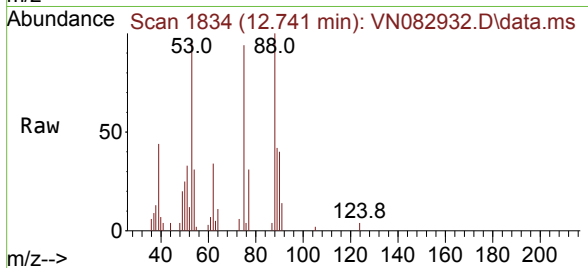




#81
trans-1,4-Dichloro-2-butene
Concen: 20.514 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

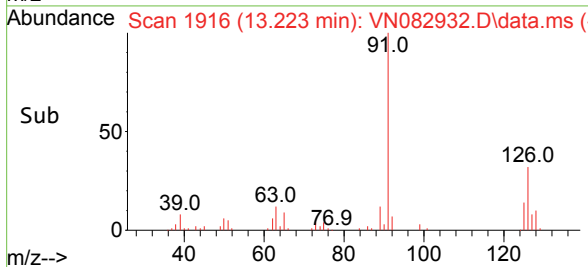
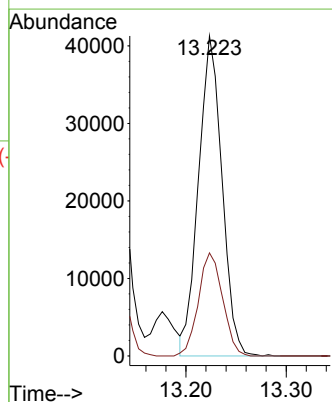
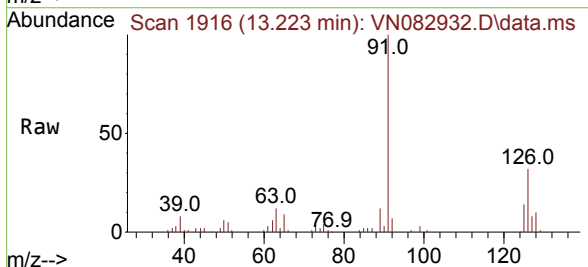
Instrument :
MSVOA_N
ClientSampleId :

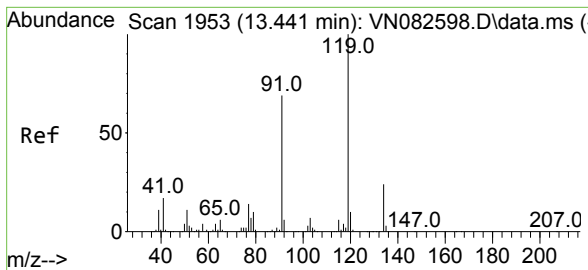
Tgt Ion: 75 Resp: 12813
Ion Ratio Lower Upper
75 100
53 90.7 88.4 132.6
89 42.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 17.939 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion: 91 Resp: 67344
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

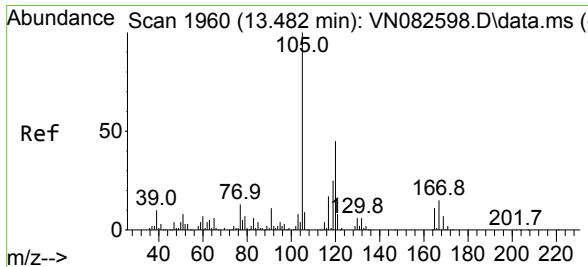
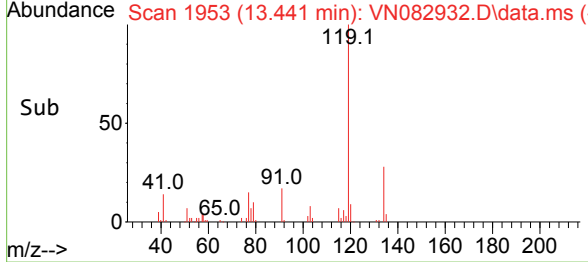
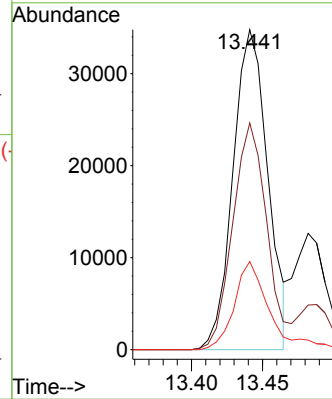
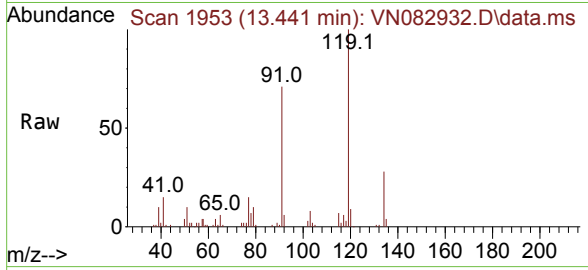




#83
 tert-Butylbenzene
 Concen: 15.989 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

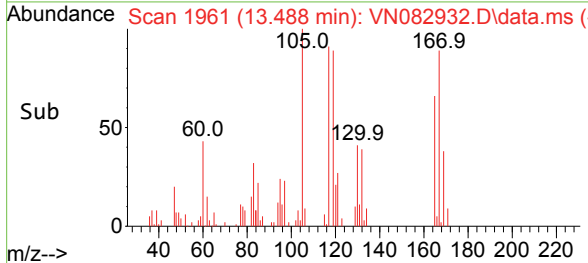
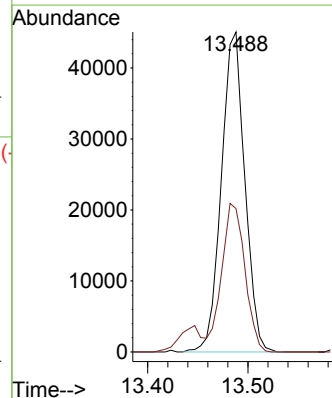
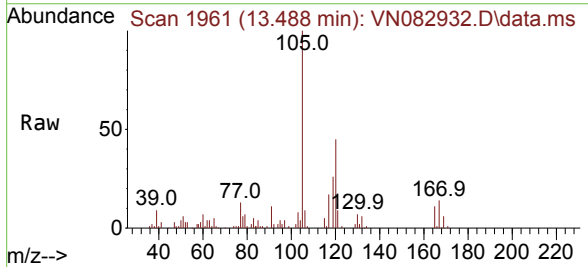
Instrument :
 MSVOA_N
 ClientSampleId :

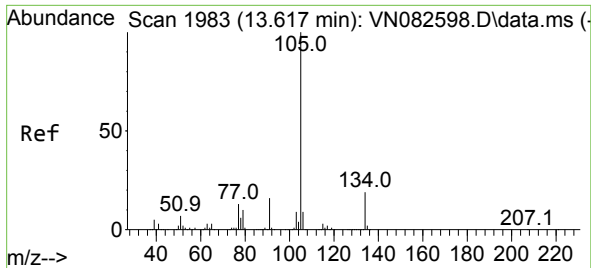
Tgt Ion:119 Resp: 59320
 Ion Ratio Lower Upper
 119 100
 91 70.0 35.0 105.1
 134 27.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.094 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Tgt Ion:105 Resp: 72913
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.9 65.8

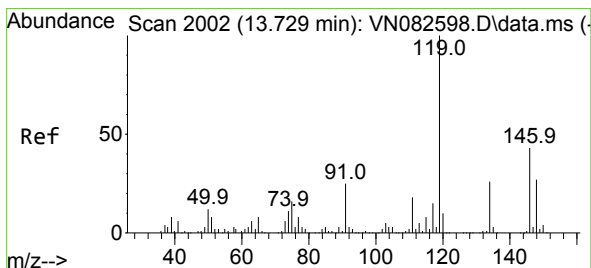
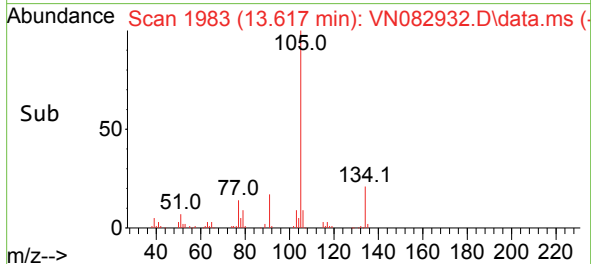
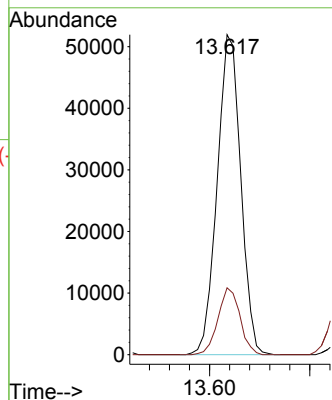
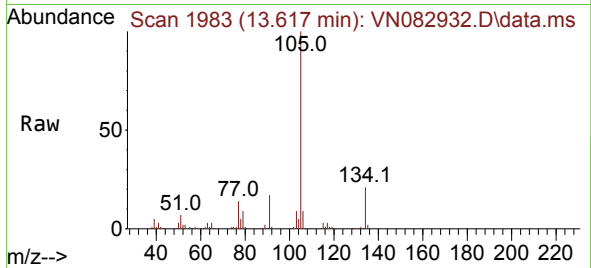




#85
sec-Butylbenzene
Concen: 16.878 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

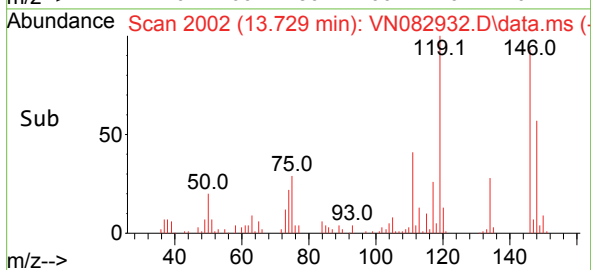
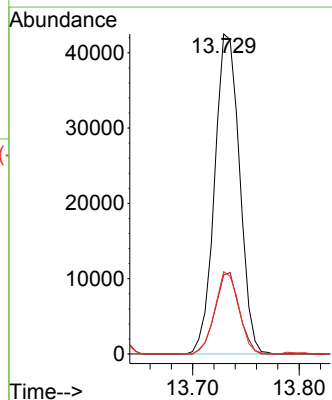
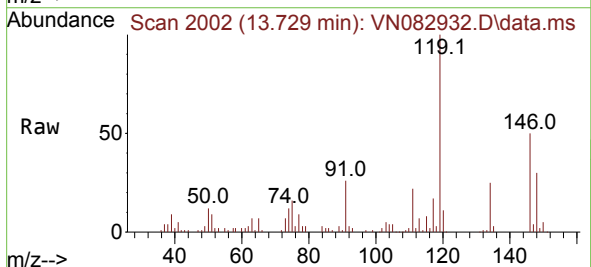
Instrument :
MSVOA_N
ClientSampleId :

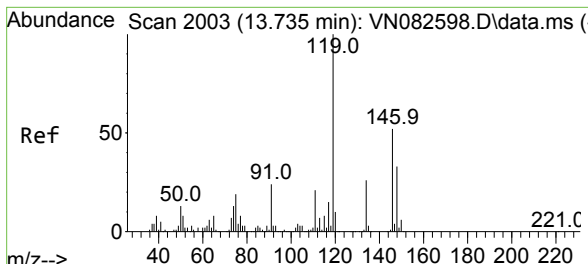
Tgt Ion:105 Resp: 84620
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.3



#86
p-Isopropyltoluene
Concen: 16.489 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:119 Resp: 68972
Ion Ratio Lower Upper
119 100
134 24.6 13.0 39.0
91 24.8 12.3 36.9

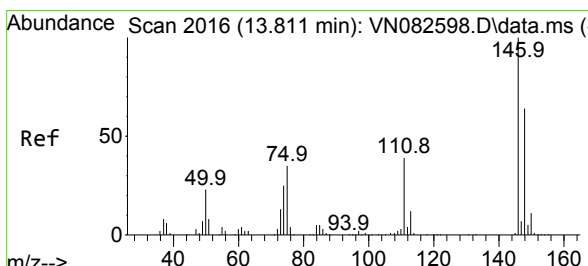
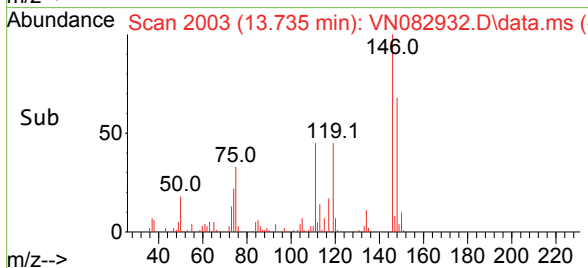
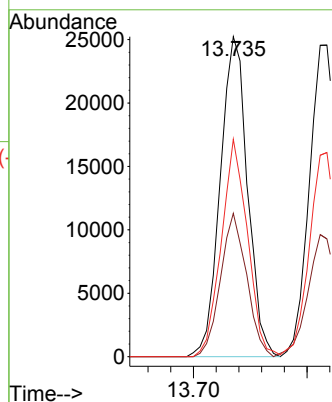
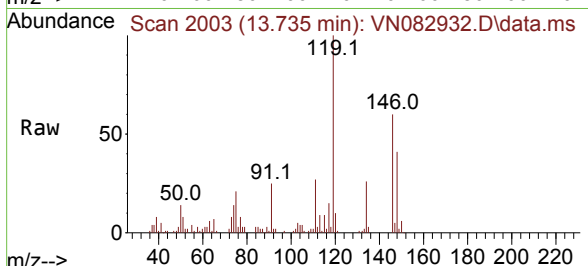




#87
1,3-Dichlorobenzene
Concen: 17.455 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

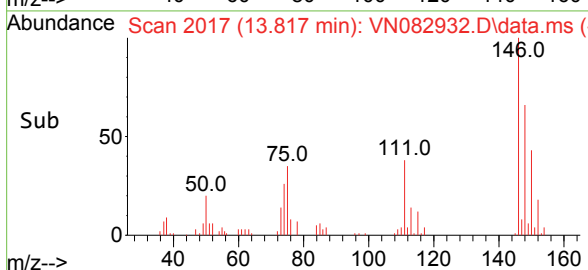
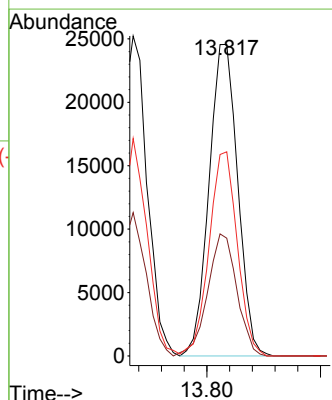
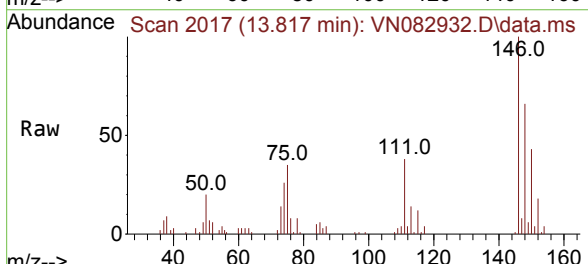
Instrument :
MSVOA_N
ClientSampleId :

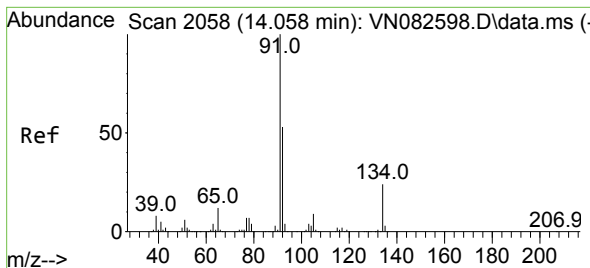
Tgt Ion:146 Resp: 42116
Ion Ratio Lower Upper
146 100
111 42.9 20.6 61.9
148 65.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 17.274 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:146 Resp: 43103
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.3
148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 15.745 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082932.D

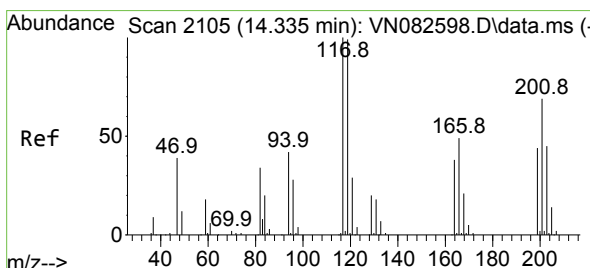
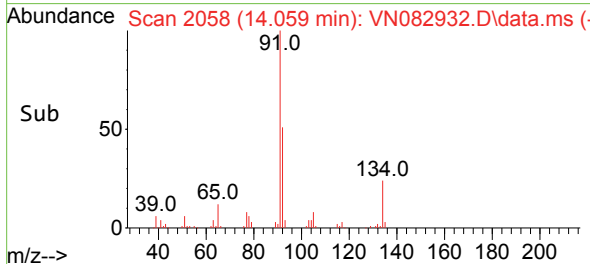
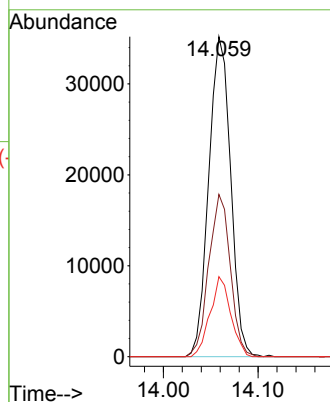
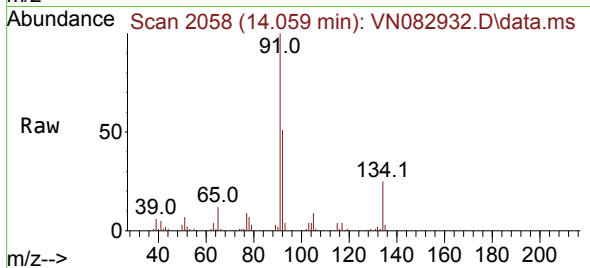
Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 56424
Ion Ratio	Lower Upper
91	100
92	50.0 26.1 78.3
134	23.6 12.1 36.3



#90

Hexachloroethane

Concen: 17.787 ug/l

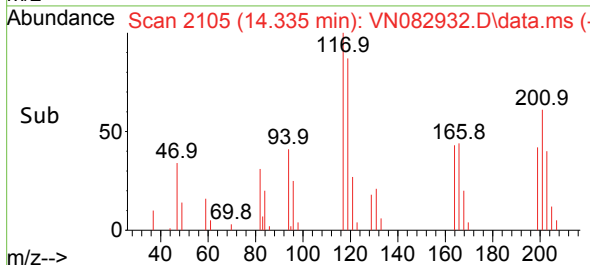
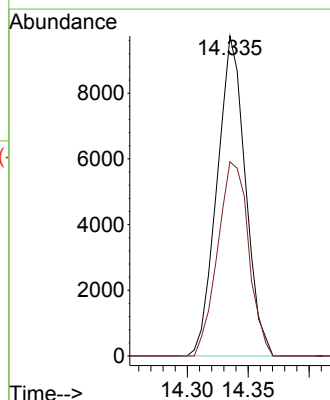
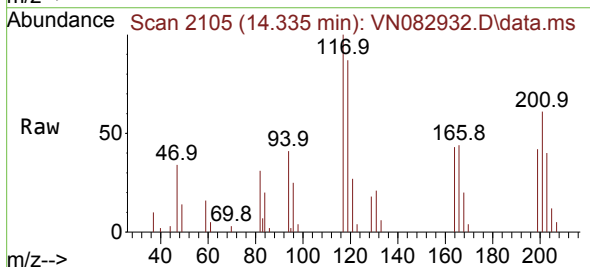
RT: 14.335 min Scan# 2105

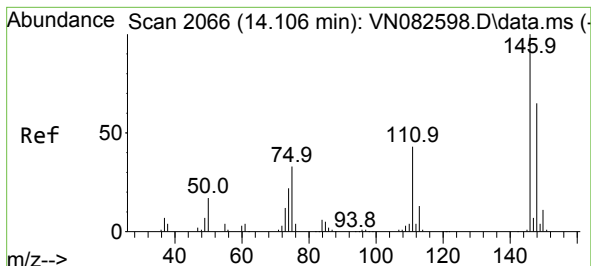
Delta R.T. 0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Tgt Ion: 117	Resp: 15743
Ion Ratio	Lower Upper
117	100
201	66.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 18.170 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

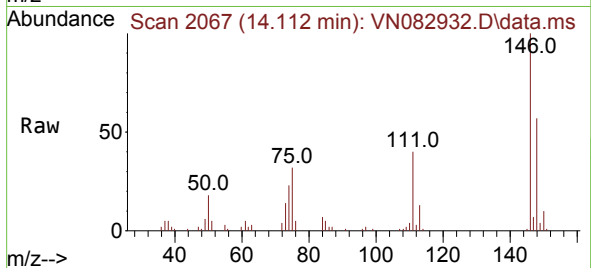
Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



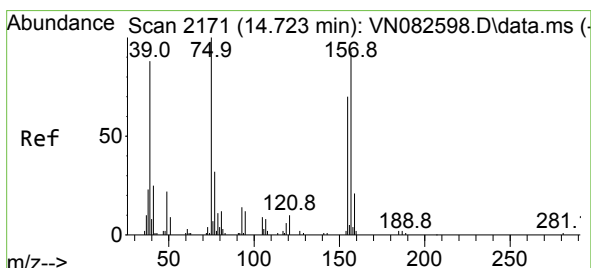
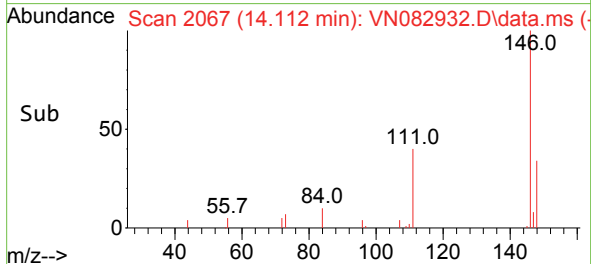
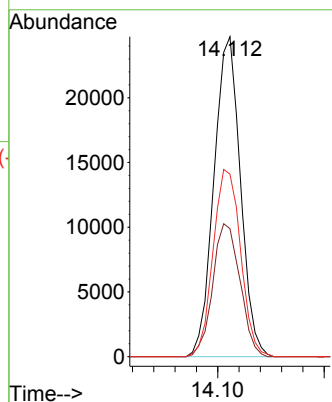
Tgt Ion:146 Resp: 42566

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.2

148 60.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.288 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082932.D

Acq: 16 Jul 2024 13:27

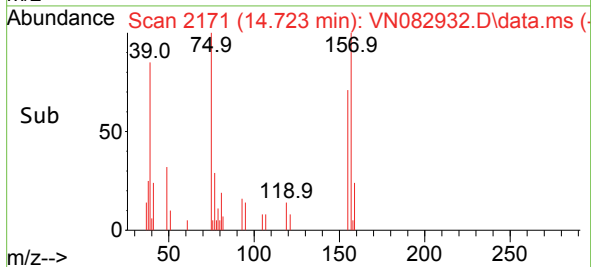
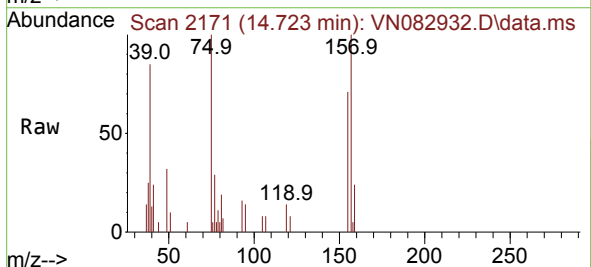
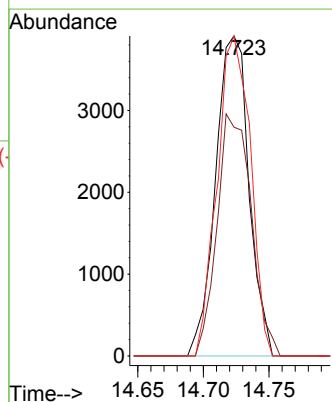
Tgt Ion: 75 Resp: 6919

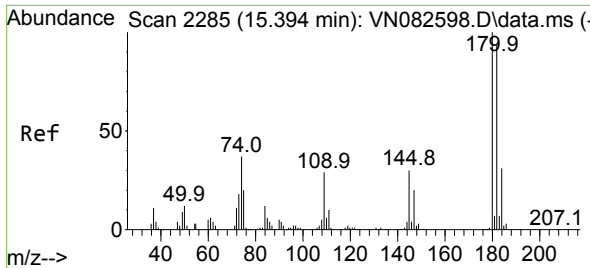
Ion Ratio Lower Upper

75 100

155 77.4 36.6 109.8

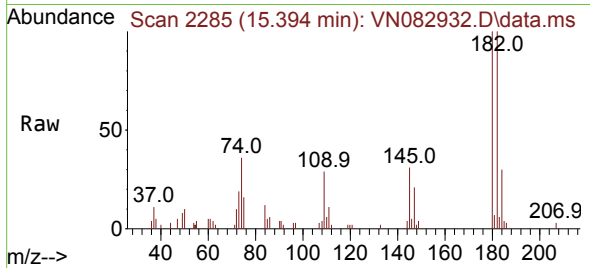
157 99.7 46.9 140.6



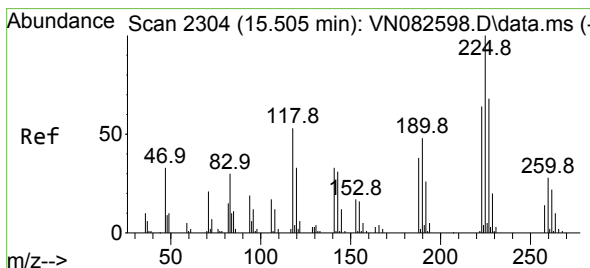
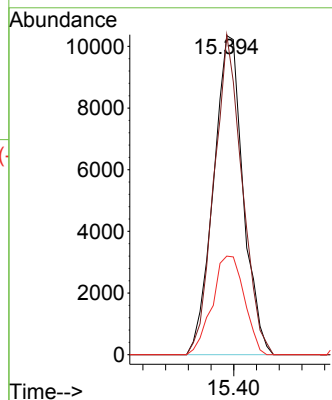
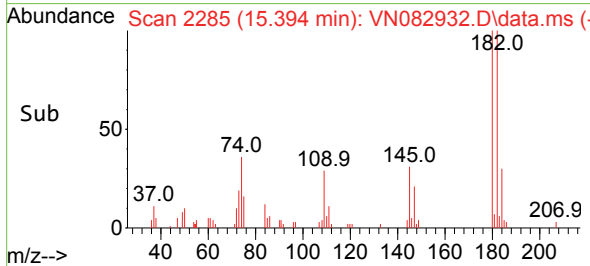


#93
 1,2,4-Trichlorobenzene
 Concen: 14.856 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Instrument :
 MSVOA_N
 ClientSampleId :

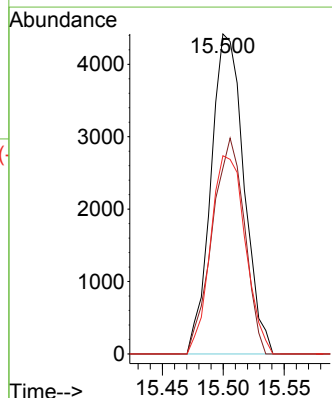
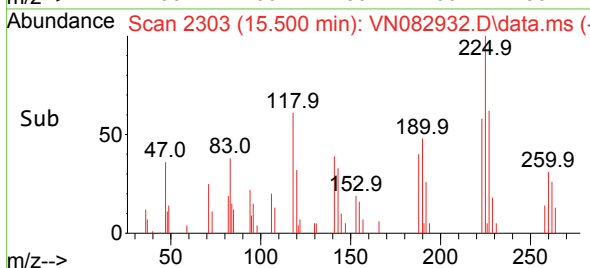
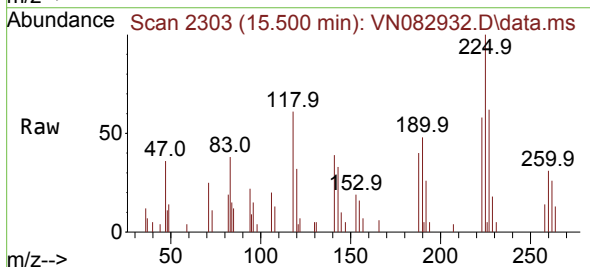


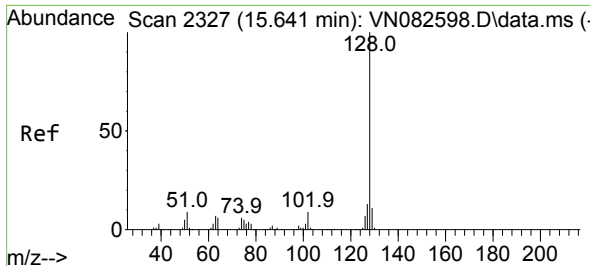
Tgt Ion:180 Resp: 18746
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.8
 145 33.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 14.864 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.005 min
 Lab File: VN082932.D
 Acq: 16 Jul 2024 13:27

Tgt Ion:225 Resp: 8315
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.9 95.7
 227 65.3 32.5 97.5

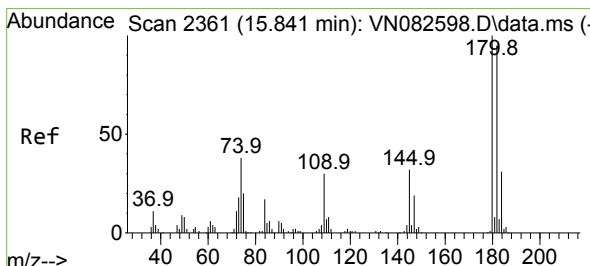
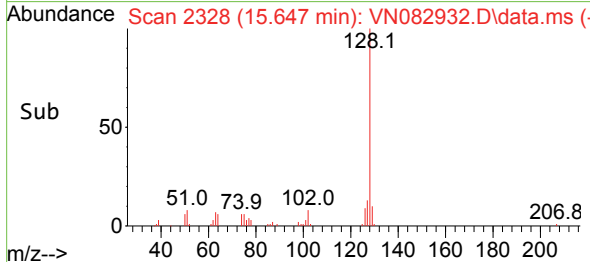
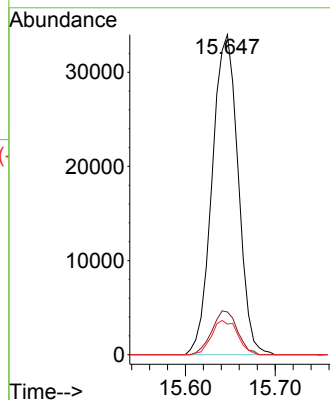
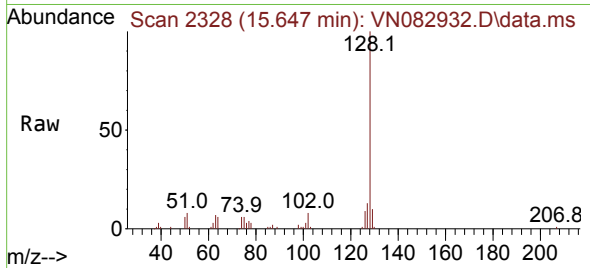




#95
Naphthalene
Concen: 15.782 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 68212
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 15.853 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082932.D
Acq: 16 Jul 2024 13:27

Tgt Ion:180 Resp: 20569
Ion Ratio Lower Upper
180 100
182 93.1 48.9 146.8
145 34.1 16.8 50.4

