

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081266.D
 Acq On : 29 Feb 2024 14:02
 Operator : JC\MD
 Sample : VN0229WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

Quant Time: Mar 01 01:26:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	224808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	385105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156321	56.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.460%	
35) Dibromofluoromethane	8.165	113	134870	55.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.340%	
50) Toluene-d8	10.571	98	431593	50.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.853	95	170340	52.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58091	19.981	ug/l	94
3) Chloromethane	2.359	50	59436	17.981	ug/l	95
4) Vinyl Chloride	2.512	62	64658	20.022	ug/l	92
5) Bromomethane	2.959	94	42874	18.692	ug/l	92
6) Chloroethane	3.124	64	45343	21.209	ug/l #	88
7) Trichlorofluoromethane	3.501	101	100344	21.269	ug/l	99
8) Diethyl Ether	3.959	74	37711	21.863	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	54301	20.647	ug/l #	89
10) Methyl Iodide	4.595	142	49763	16.951	ug/l	97
11) Tert butyl alcohol	5.512	59	53667	105.904	ug/l	99
12) 1,1-Dichloroethene	4.348	96	50492	19.861	ug/l	92
13) Acrolein	4.189	56	20341	74.891	ug/l	97
14) Allyl chloride	5.018	41	76047	20.160	ug/l #	89
15) Acrylonitrile	5.724	53	163676	123.672	ug/l	98
16) Acetone	4.424	43	119046	109.797	ug/l	93
17) Carbon Disulfide	4.718	76	117255	16.536	ug/l	97
18) Methyl Acetate	5.024	43	75531	28.557	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	194327	22.318	ug/l	97
20) Methylene Chloride	5.289	84	67503	23.575	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	56056	19.763	ug/l	87
22) Diisopropyl ether	6.671	45	201727	23.575	ug/l #	95
23) Vinyl Acetate	6.606	43	757984	109.180	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	116528	23.552	ug/l	96
25) 2-Butanone	7.483	43	201103	114.810	ug/l	97
26) 2,2-Dichloropropane	7.494	77	97248	20.977	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	72532	22.009	ug/l	87
28) Bromochloromethane	7.818	49	52630	25.658	ug/l #	74
29) Tetrahydrofuran	7.836	42	129205	110.499	ug/l #	86
30) Chloroform	7.965	83	125564	23.872	ug/l	96
31) Cyclohexane	8.259	56	96151	20.209	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	107719	22.487	ug/l	88
36) 1,1-Dichloropropene	8.377	75	85212	20.529	ug/l	97
37) Ethyl Acetate	7.559	43	82261	21.959	ug/l	98
38) Carbon Tetrachloride	8.365	117	88146	20.990	ug/l	100
39) Methylcyclohexane	9.606	83	92918	19.204	ug/l	92
40) Benzene	8.606	78	260854	21.712	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46180	21.661	ug/l	92
42) 1,2-Dichloroethane	8.671	62	96161	22.941	ug/l	100
43) Isopropyl Acetate	8.688	43	143425	21.891	ug/l #	96
44) Trichloroethene	9.353	130	66474	20.774	ug/l	95
45) 1,2-Dichloropropane	9.624	63	68132	22.671	ug/l	99
46) Dibromomethane	9.712	93	47838	21.847	ug/l	93
47) Bromodichloromethane	9.888	83	96253	23.209	ug/l #	91
48) Methyl methacrylate	9.682	41	65257	21.406	ug/l	87
49) 1,4-Dioxane	9.694	88	27720	473.087	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	445256	118.141	ug/l	97
52) Toluene	10.630	92	165397	21.746	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	101689	22.065	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	107413	21.572	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	71773	24.535	ug/l	92
56) Ethyl methacrylate	10.877	69	95600	21.383	ug/l	91
57) 1,3-Dichloropropane	11.165	76	115091	22.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	224610	100.126	ug/l #	87
59) 2-Hexanone	11.200	43	323127	108.144	ug/l	97
60) Dibromochloromethane	11.359	129	70369	22.643	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71297	23.177	ug/l	94
64) Tetrachloroethene	11.106	164	63801	24.274	ug/l	91
65) Chlorobenzene	11.894	112	174244	20.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	64944	21.694	ug/l	95
67) Ethyl Benzene	11.965	91	303710	20.363	ug/l	99
68) m/p-Xylenes	12.071	106	231083	40.422	ug/l	99
69) o-Xylene	12.400	106	114620	20.227	ug/l	96
70) Styrene	12.412	104	188922	21.039	ug/l	97
71) Bromoform	12.582	173	42166	22.201	ug/l #	99
73) Isopropylbenzene	12.700	105	302437	19.733	ug/l	98
74) N-amyl acetate	12.494	43	121284	18.724	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94447	21.915	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	124409	31.258	ug/l	59
77) Bromobenzene	12.988	156	69589	20.363	ug/l	77
78) n-propylbenzene	13.035	91	362862	20.566	ug/l	98
79) 2-Chlorotoluene	13.123	91	214947	19.862	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	257671	20.735	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	32914	21.286	ug/l	96
82) 4-Chlorotoluene	13.223	91	211187	19.958	ug/l	94
83) tert-Butylbenzene	13.441	119	212899	19.814	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	253744	20.491	ug/l	96
85) sec-Butylbenzene	13.618	105	313197	20.967	ug/l	96
86) p-Isopropyltoluene	13.729	119	253260	20.412	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132228	20.478	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	129908	20.475	ug/l	98
89) n-Butylbenzene	14.059	91	218700	20.232	ug/l	98
90) Hexachloroethane	14.335	117	44078	21.492	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	130270	20.918	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17723	19.780	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	67852	19.529	ug/l	99
94) Hexachlorobutadiene	15.506	225	27384	21.134	ug/l	92
95) Naphthalene	15.641	128	237926	18.688	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67845	19.684	ug/l	97

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QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

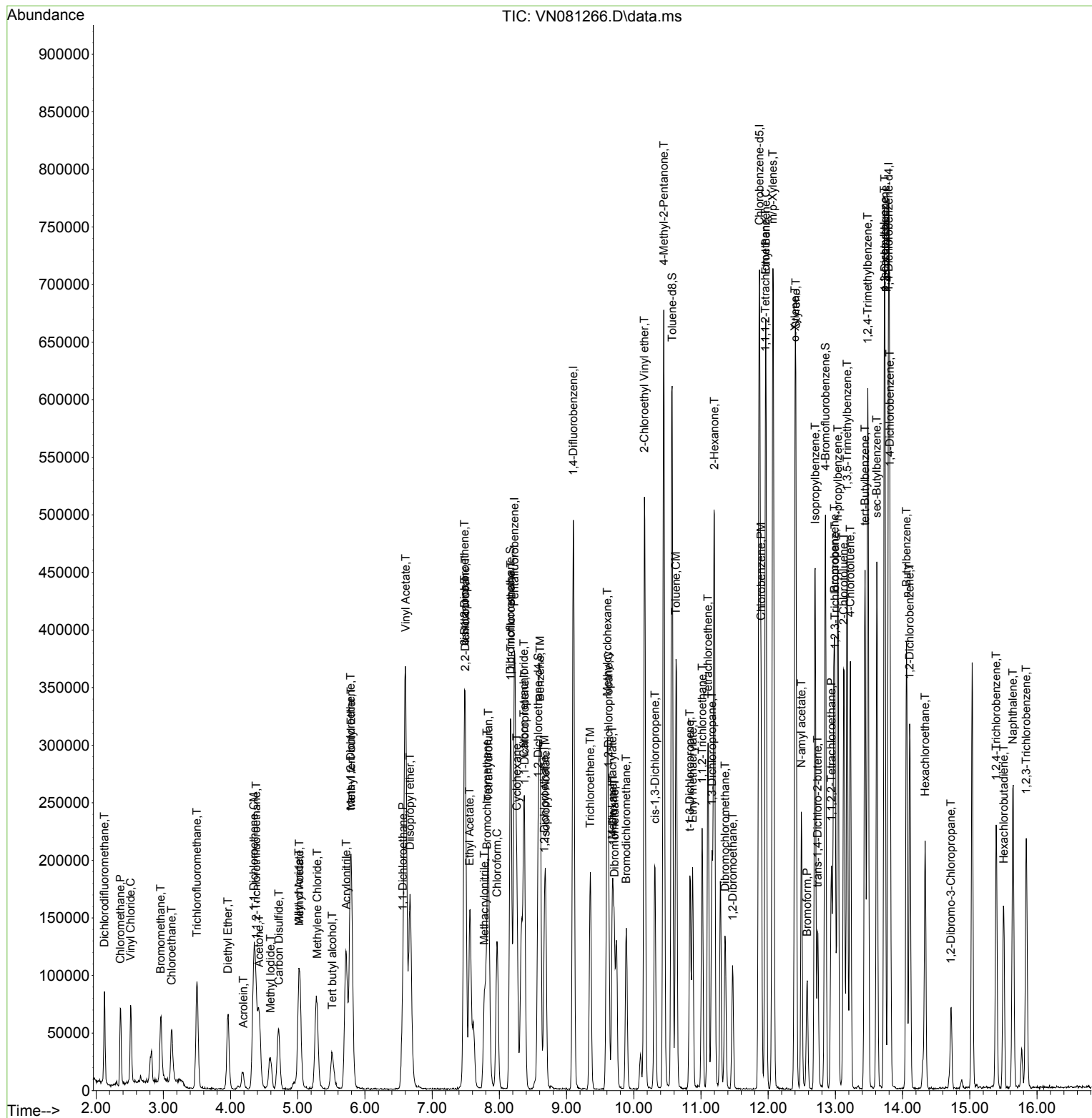
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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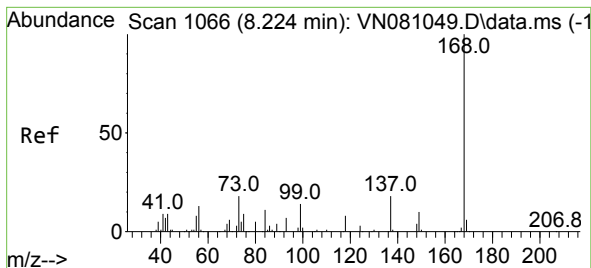
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

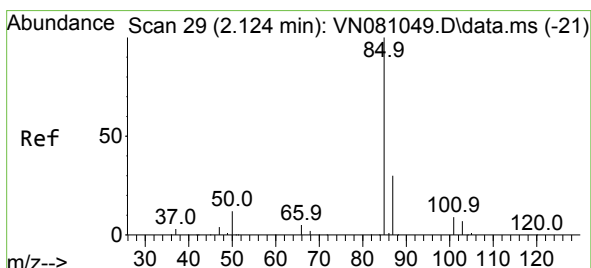
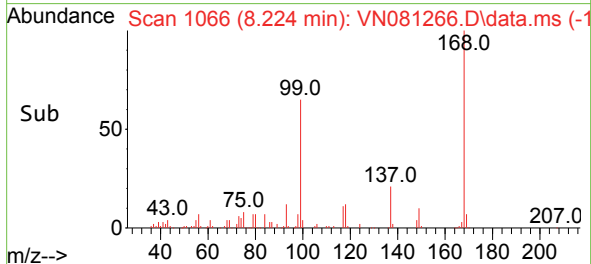
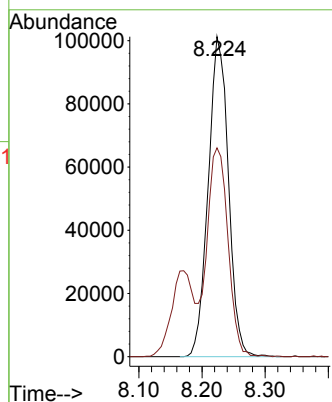
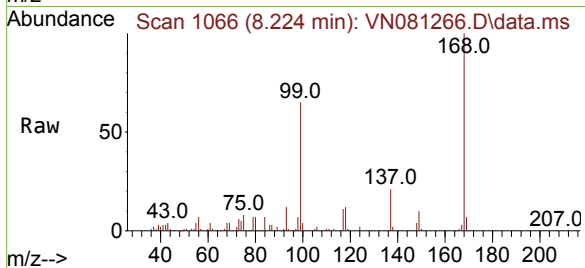
VN0229WBS02

Tgt Ion:168 Resp: 224808

Ion Ratio Lower Upper

168 100

99 65.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.981 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081266.D

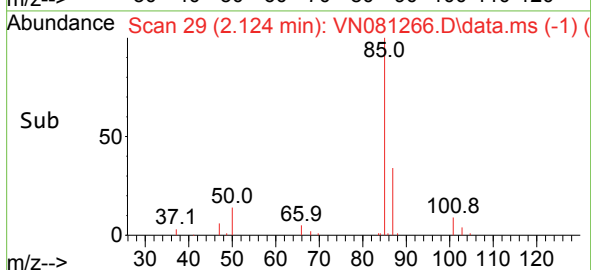
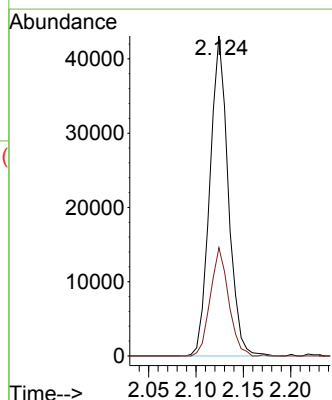
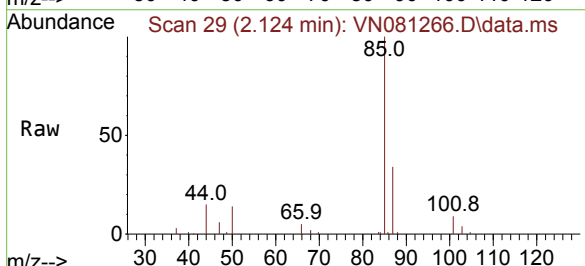
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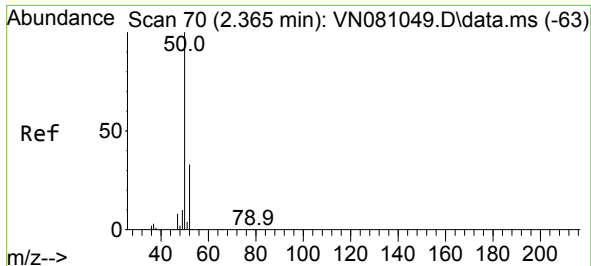
Tgt Ion: 85 Resp: 58091

Ion Ratio Lower Upper

85 100

87 33.8 15.3 45.9

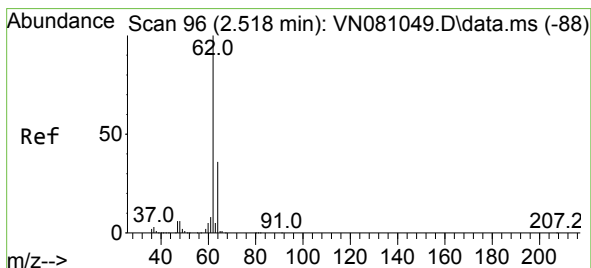
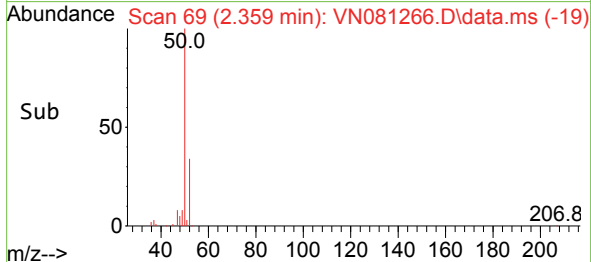
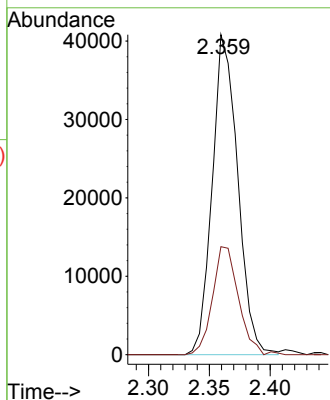
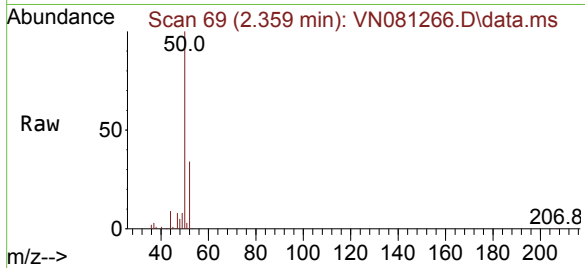




#3
Chloromethane
Concen: 17.981 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

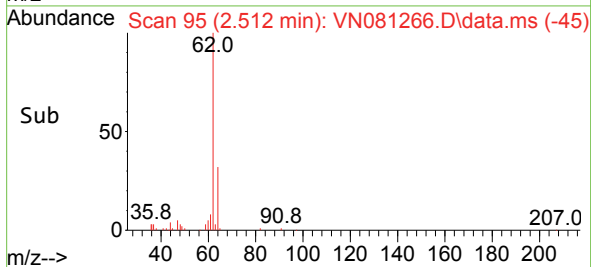
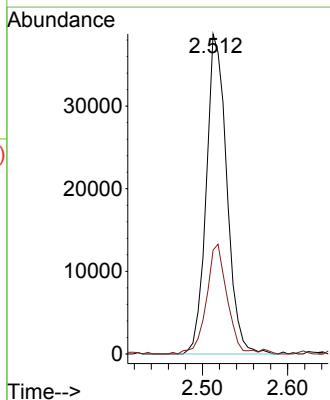
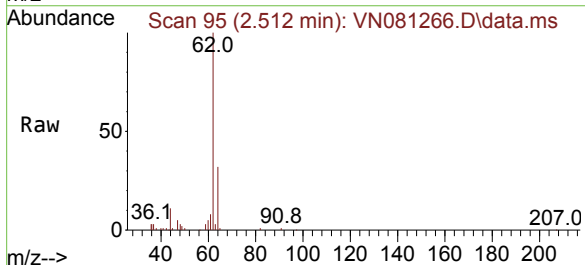
Instrument :
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ClientSampleId :
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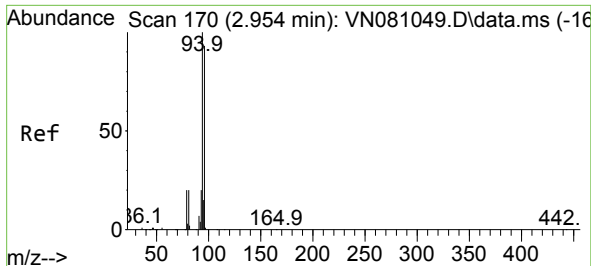
Tgt Ion: 50 Resp: 59436
Ion Ratio Lower Upper
50 100
52 33.7 25.0 37.4



#4
Vinyl Chloride
Concen: 20.022 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 62 Resp: 64658
Ion Ratio Lower Upper
62 100
64 32.5 22.7 34.1

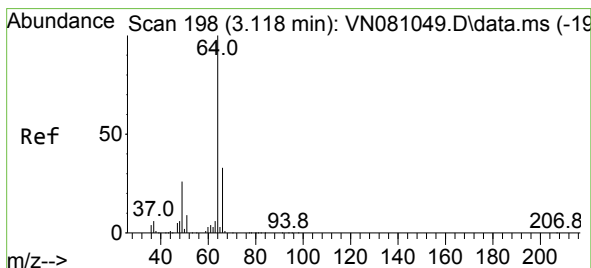
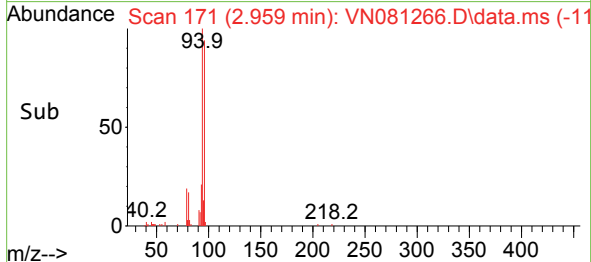
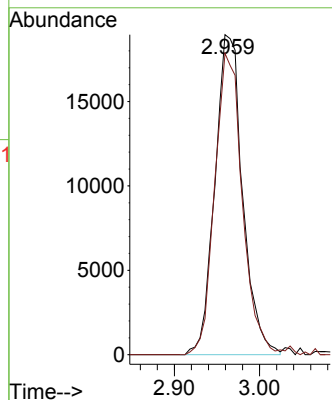
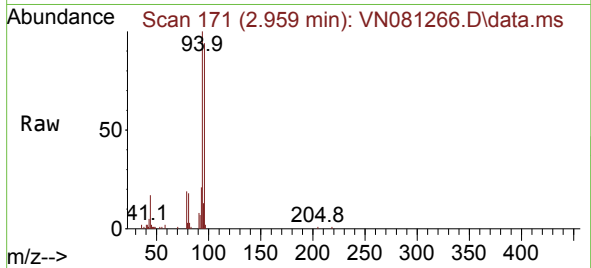




#5
Bromomethane
Concen: 18.692 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

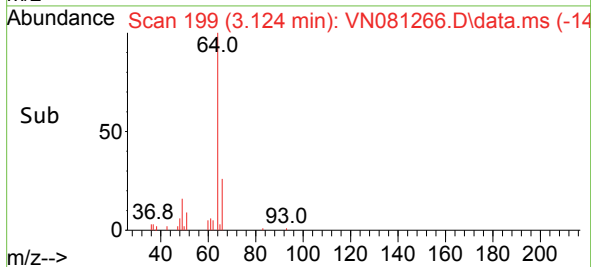
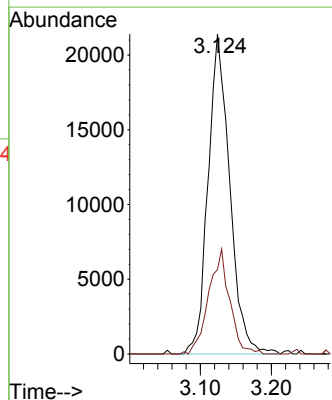
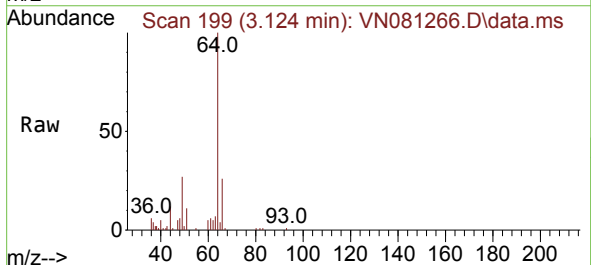
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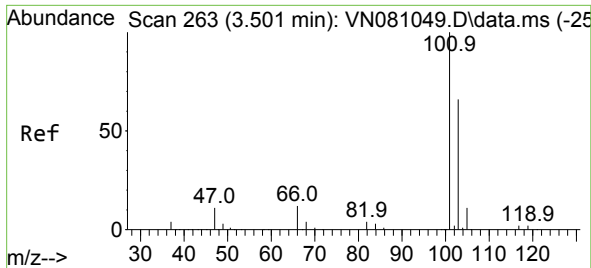
Tgt Ion: 94 Resp: 42874
Ion Ratio Lower Upper
94 100
96 94.1 69.2 103.8



#6
Chloroethane
Concen: 21.209 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 64 Resp: 45343
Ion Ratio Lower Upper
64 100
66 26.4 26.4 39.6#

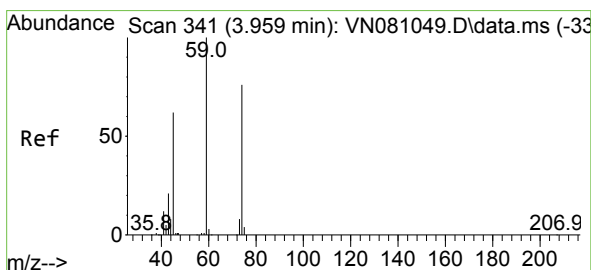
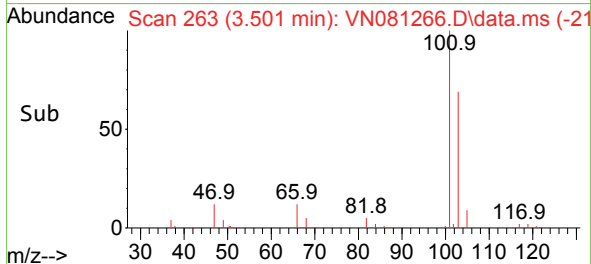
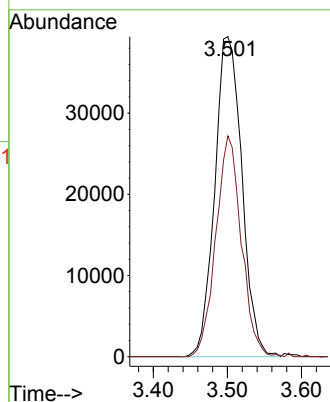
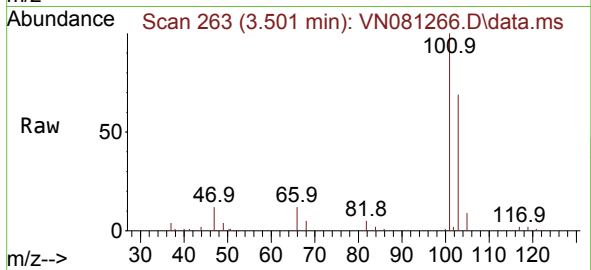




#7
Trichlorofluoromethane
Concen: 21.269 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

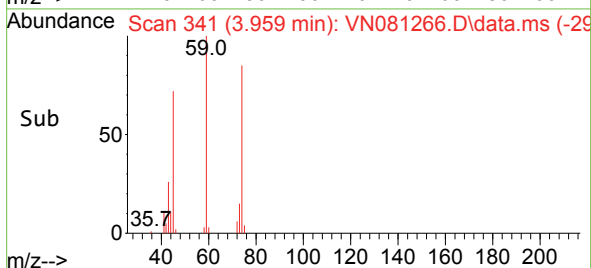
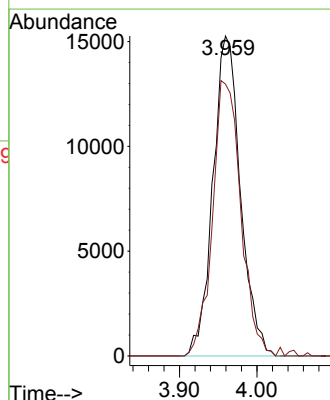
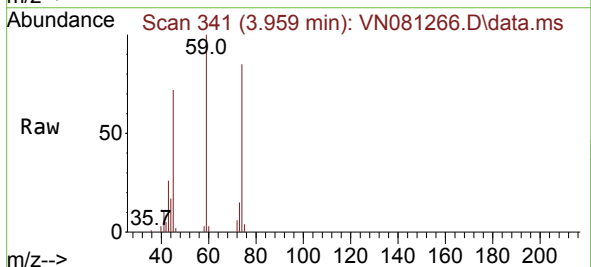
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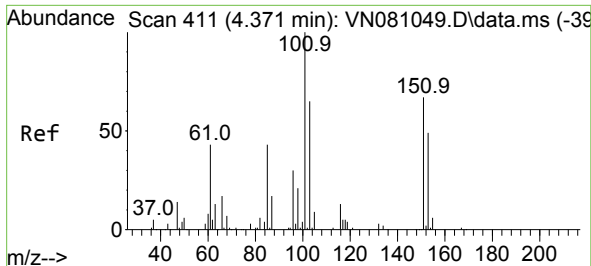
Tgt Ion:101 Resp: 100344
Ion Ratio Lower Upper
101 100
103 69.0 54.4 81.6



#8
Diethyl Ether
Concen: 21.863 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 74 Resp: 37711
Ion Ratio Lower Upper
74 100
45 88.2 53.3 159.9

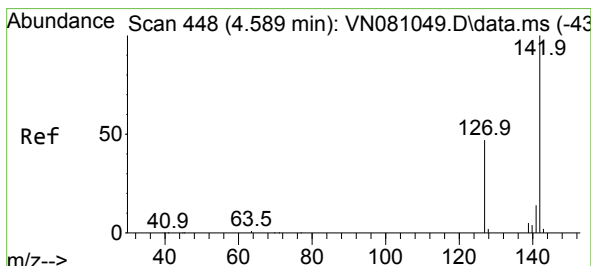
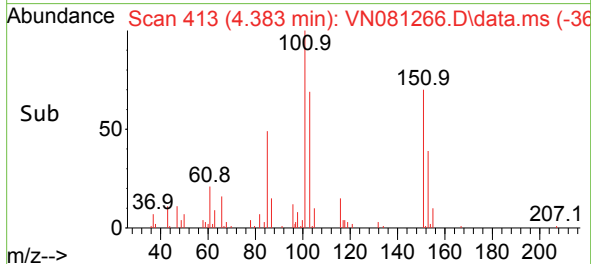
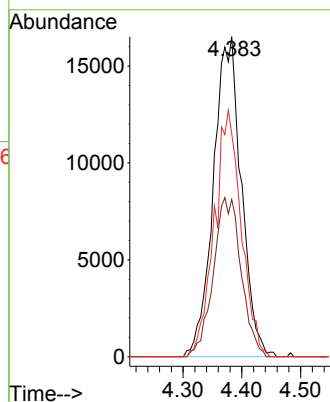
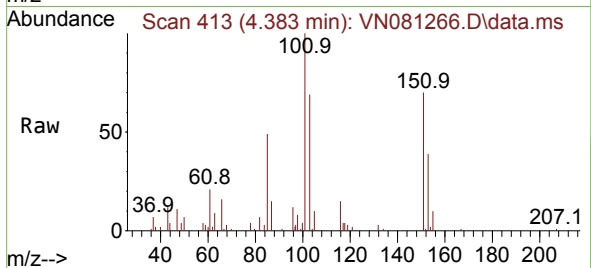




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.647 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

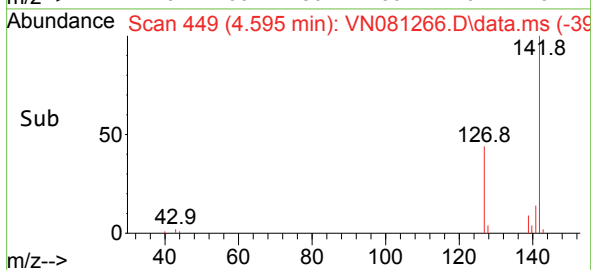
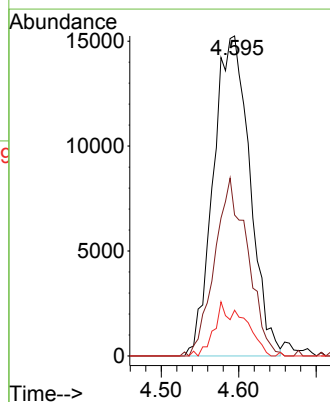
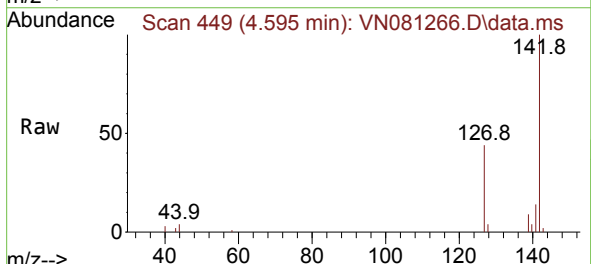
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

Tgt Ion:101 Resp: 54301
Ion Ratio Lower Upper
101 100
85 49.7 38.1 57.1
151 74.4 49.1 73.7#



#10
Methyl Iodide
Concen: 16.951 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:142 Resp: 49763
Ion Ratio Lower Upper
142 100
127 44.0 37.0 55.4
141 14.3 12.5 18.7

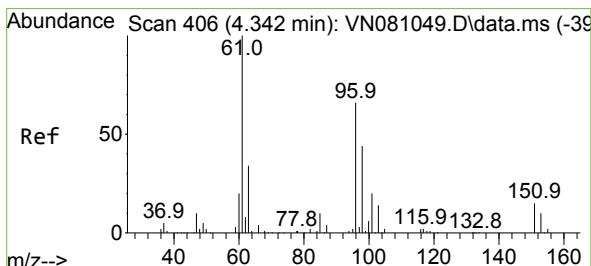
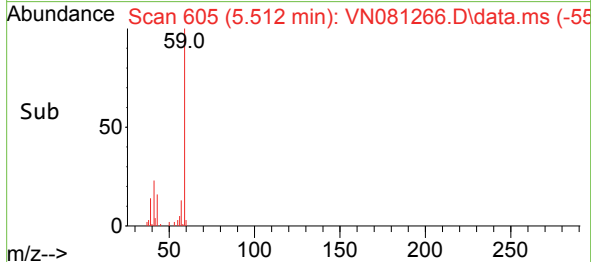
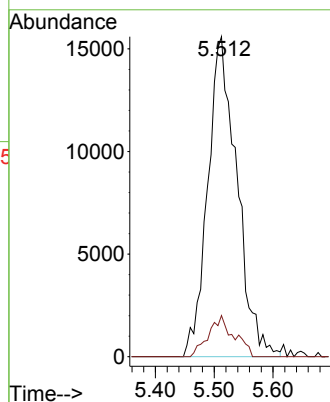
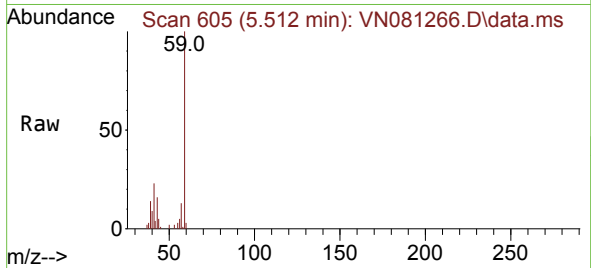




#11
Tert butyl alcohol
Concen: 105.904 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

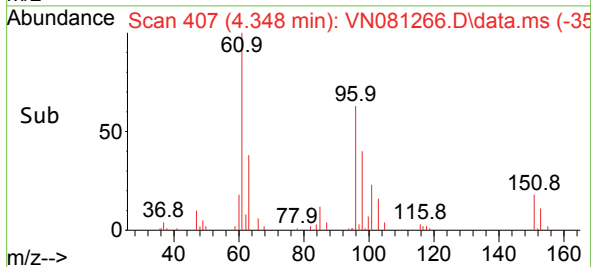
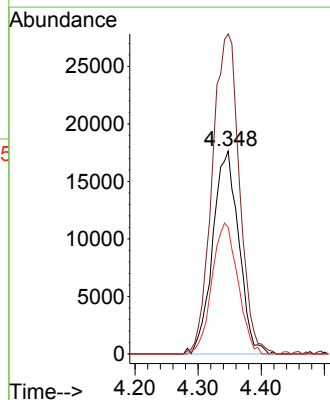
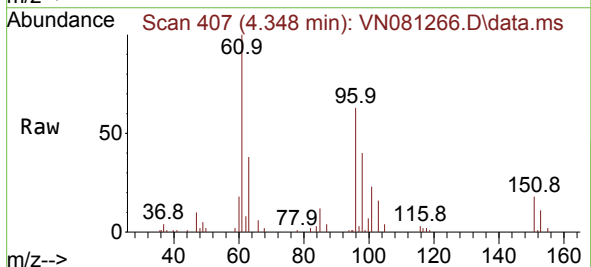
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

Tgt Ion: 59 Resp: 53667
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.861 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 96 Resp: 50492
Ion Ratio Lower Upper
96 100
61 157.7 138.2 207.4
98 62.4 49.2 73.8

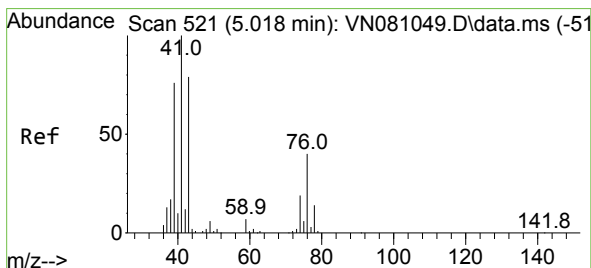
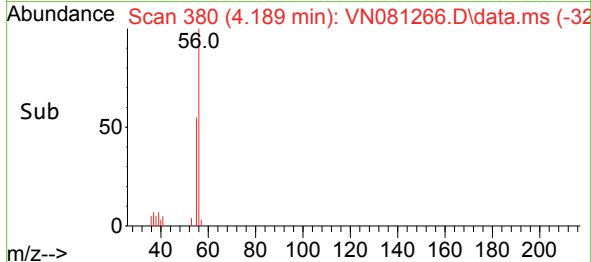
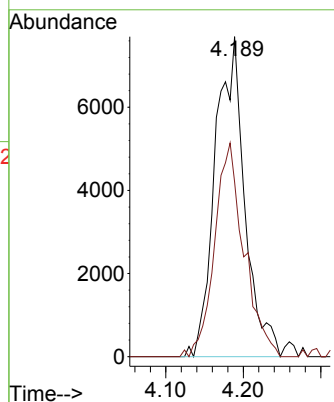
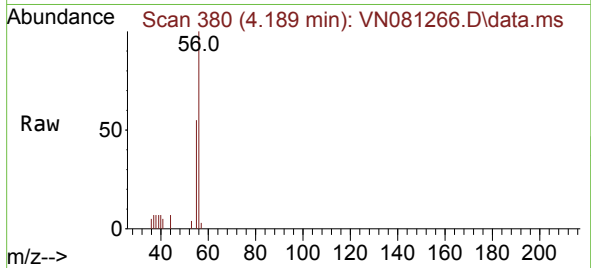




#13
Acrolein
Concen: 74.891 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

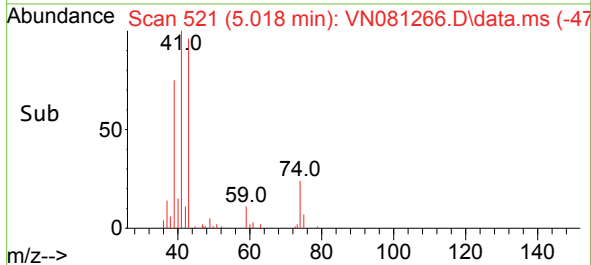
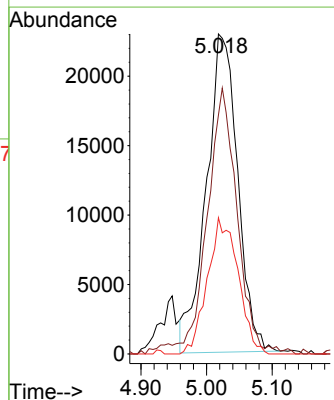
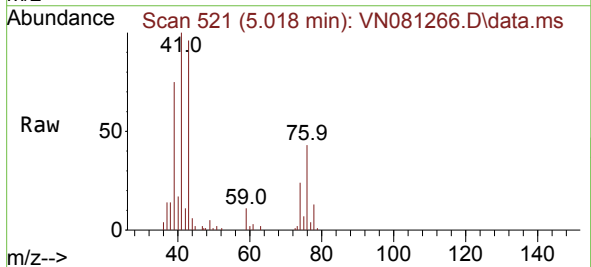
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

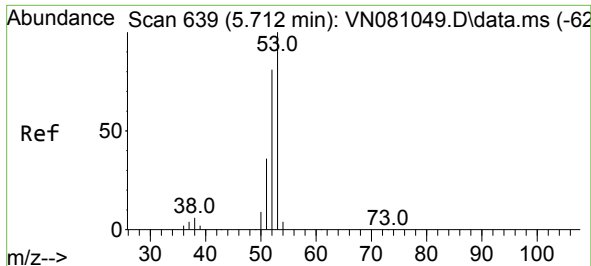
Tgt Ion: 56 Resp: 20341
Ion Ratio Lower Upper
56 100
55 66.6 55.3 82.9



#14
Allyl chloride
Concen: 20.160 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 41 Resp: 76047
Ion Ratio Lower Upper
41 100
39 79.8 57.7 86.5
76 41.9 26.8 40.2#

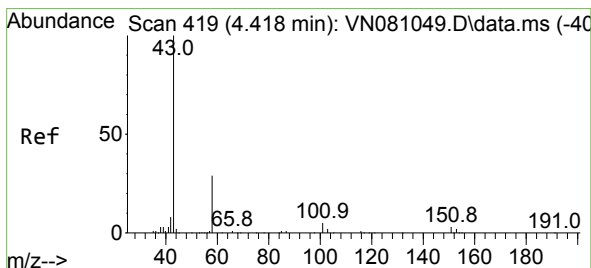
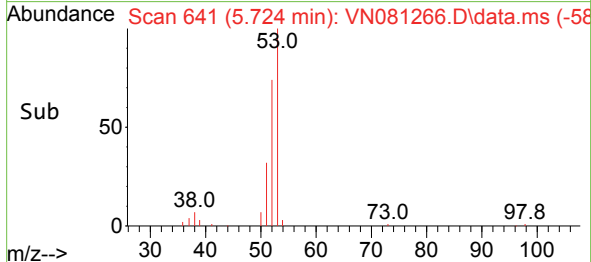
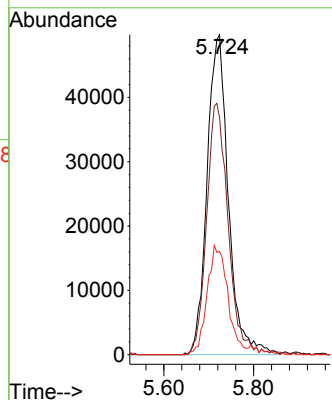
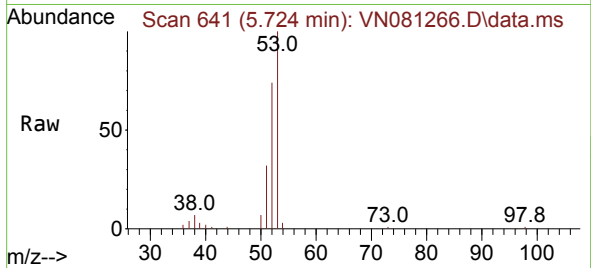




#15
Acrylonitrile
Concen: 123.672 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

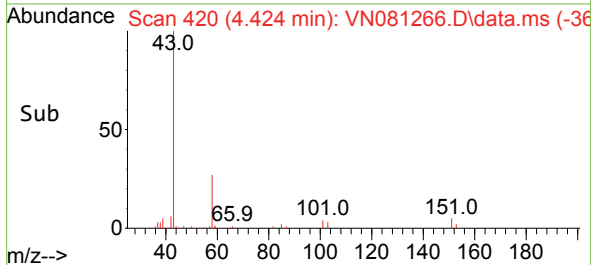
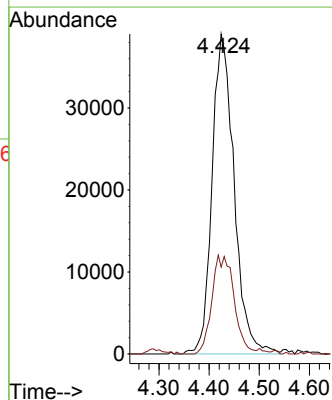
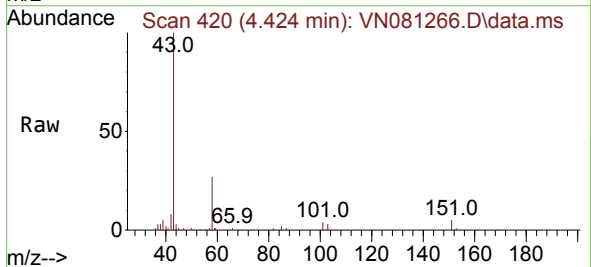
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

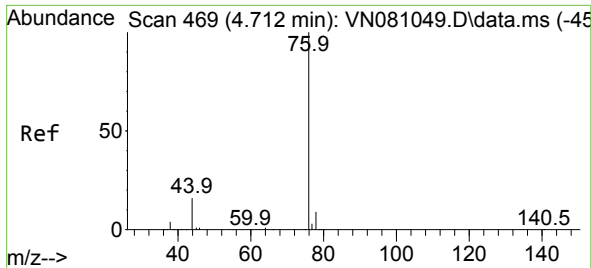
Tgt Ion: 53 Resp: 163676
Ion Ratio Lower Upper
53 100
52 79.2 64.8 97.2
51 33.1 26.9 40.3



#16
Acetone
Concen: 109.797 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 43 Resp: 119046
Ion Ratio Lower Upper
43 100
58 27.2 24.8 37.2

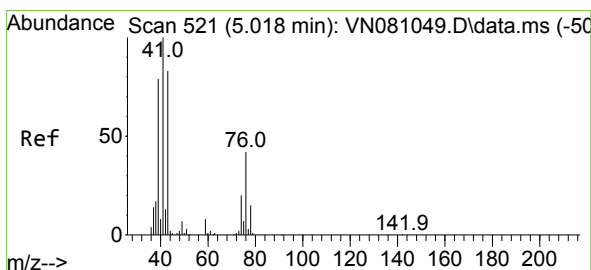
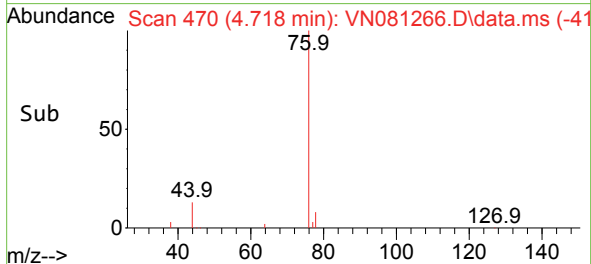
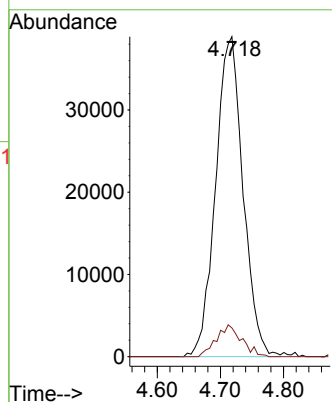
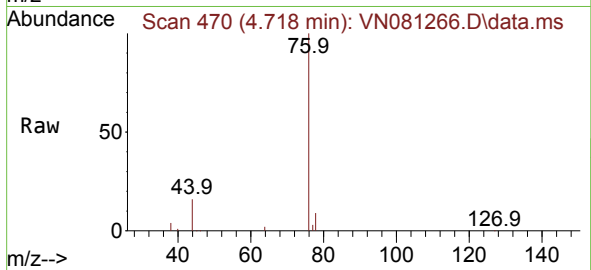




#17
Carbon Disulfide
Concen: 16.536 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

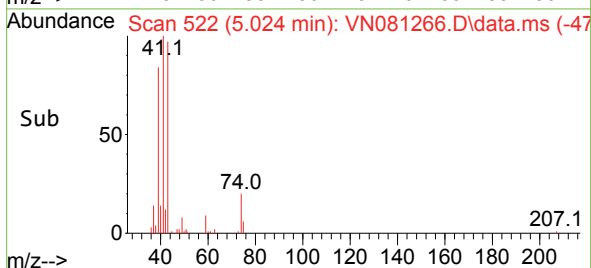
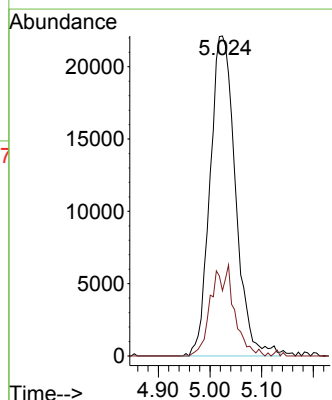
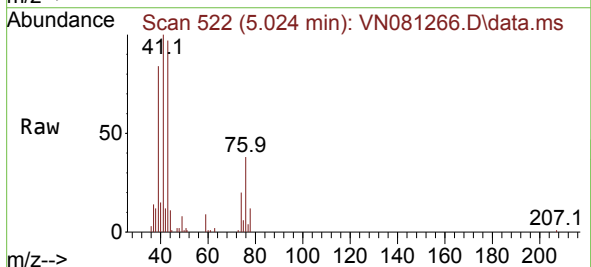
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

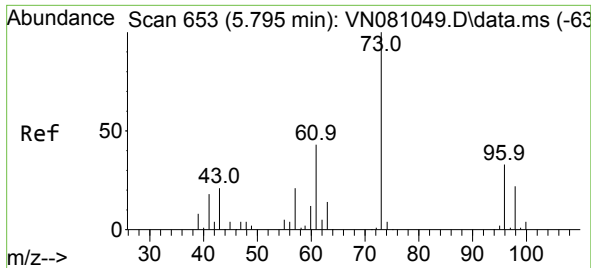
Tgt Ion: 76 Resp: 117255
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5



#18
Methyl Acetate
Concen: 28.557 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 43 Resp: 75531
Ion Ratio Lower Upper
43 100
74 13.8 17.3 25.9#

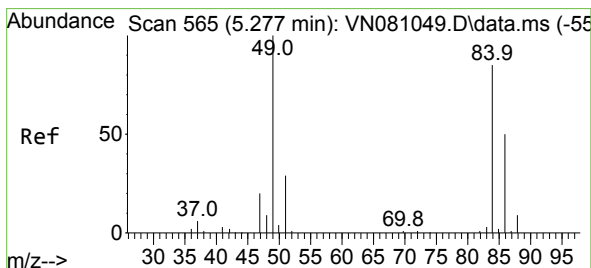
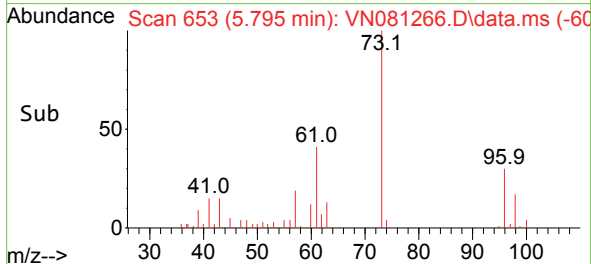
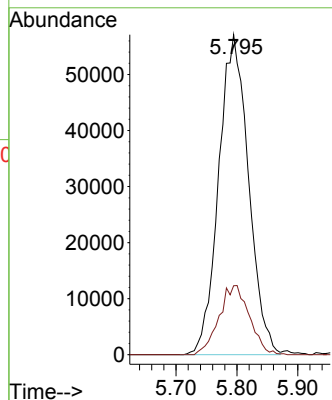
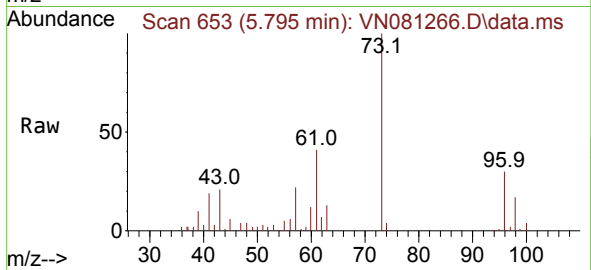




#19
Methyl tert-butyl Ether
Concen: 22.318 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

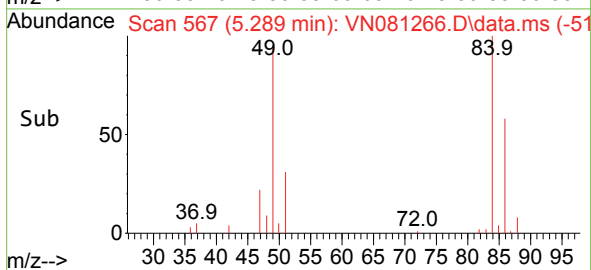
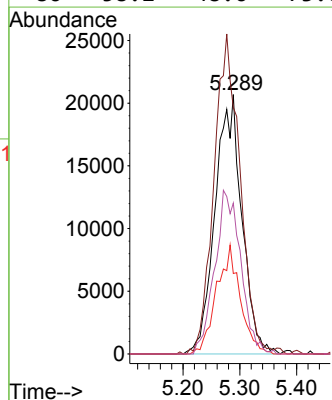
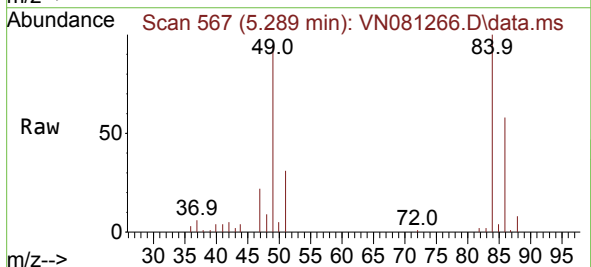
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

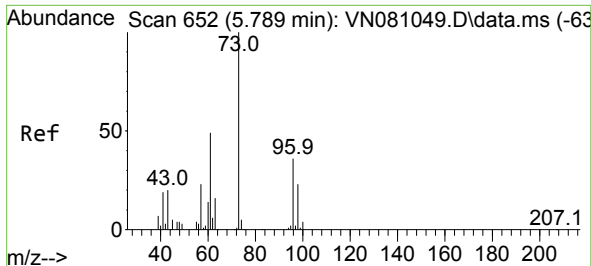
Tgt Ion: 73 Resp: 194327
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4



#20
Methylene Chloride
Concen: 23.575 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 84 Resp: 67503
Ion Ratio Lower Upper
84 100
49 94.3 108.1 162.1#
51 31.0 32.9 49.3#
86 58.2 48.6 73.0

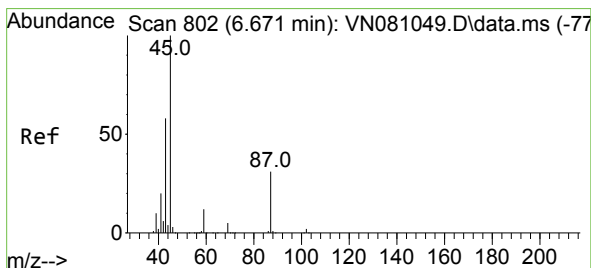
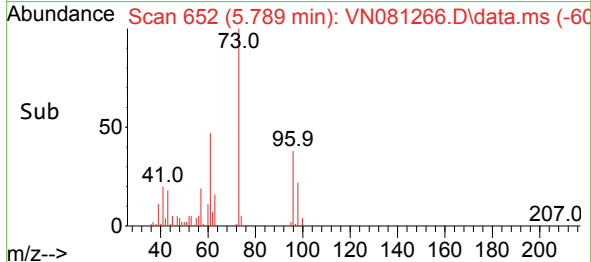
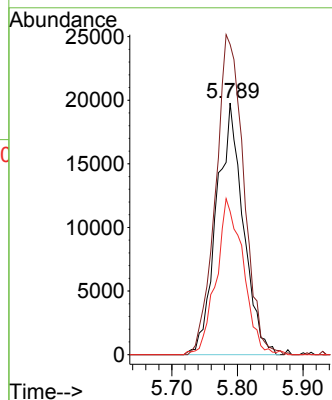
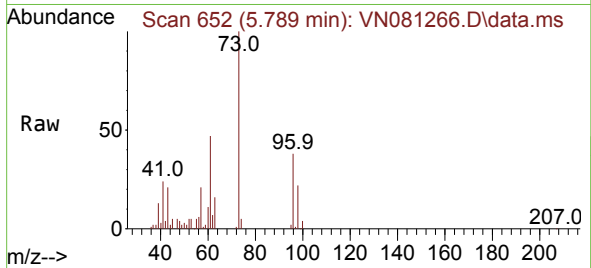




#21
trans-1,2-Dichloroethene
Concen: 19.763 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

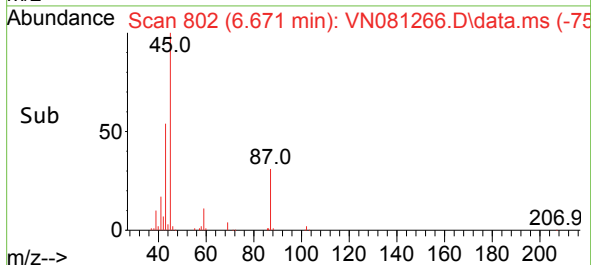
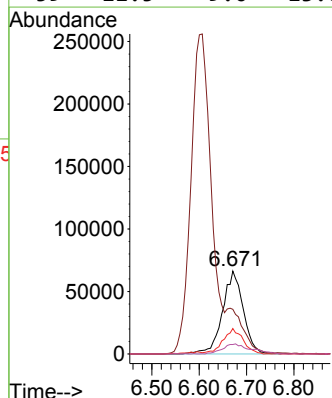
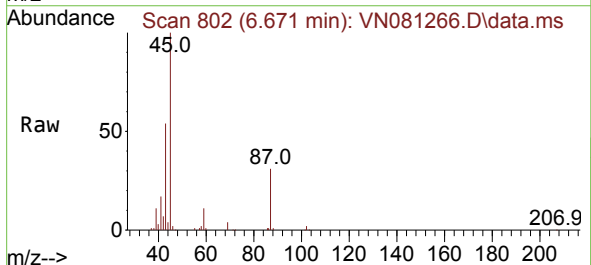
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

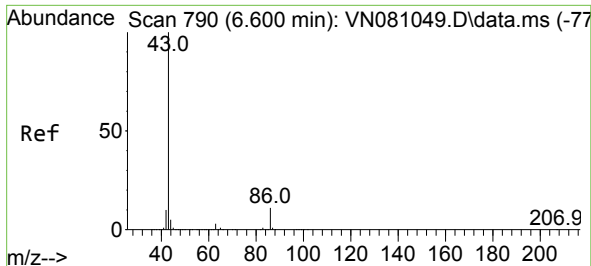
Tgt Ion: 96 Resp: 56056
Ion Ratio Lower Upper
96 100
61 123.3 112.8 169.2
98 56.9 51.0 76.4



#22
Diisopropyl ether
Concen: 23.575 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 45 Resp: 201727
Ion Ratio Lower Upper
45 100
43 52.6 41.8 62.8
87 30.7 18.1 27.1#
59 11.5 9.0 13.6

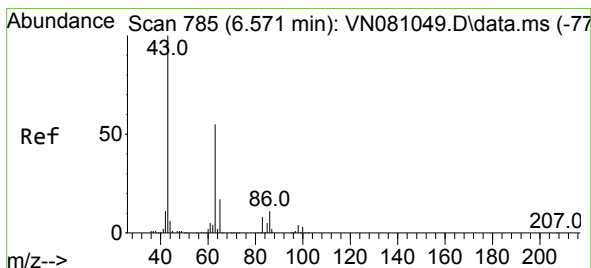
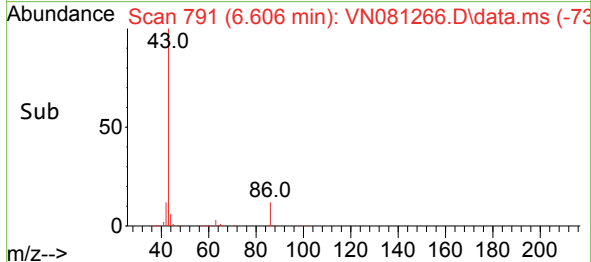
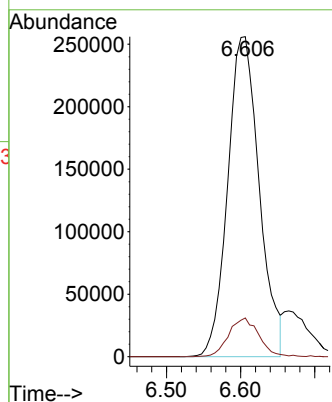
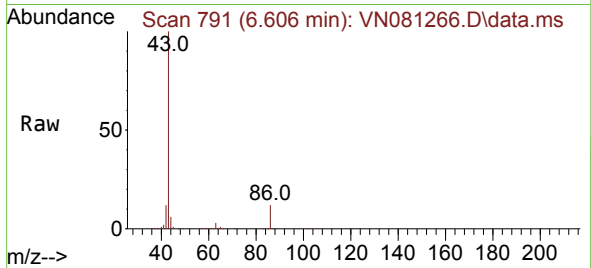




#23
 Vinyl Acetate
 Concen: 109.180 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

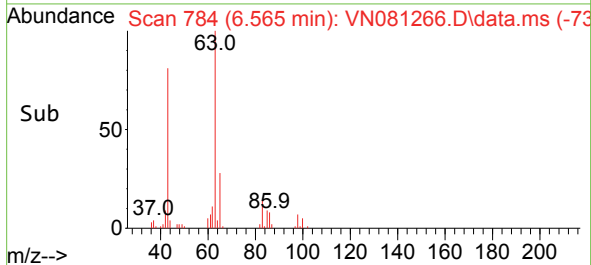
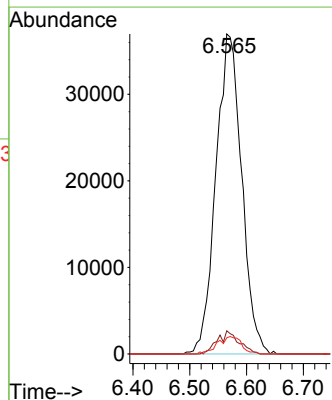
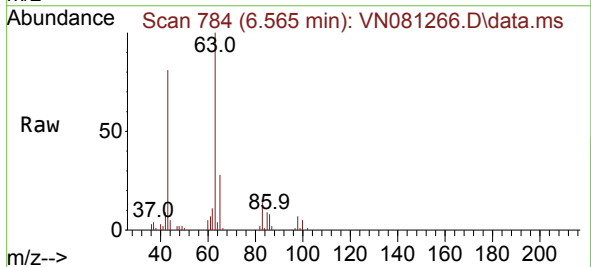
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

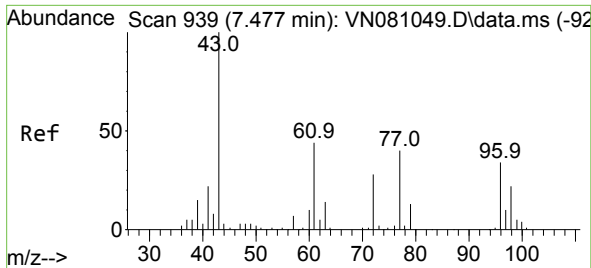
Tgt Ion: 43 Resp: 757984
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 23.552 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion: 63 Resp: 116528
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 5.1 1.9 5.7

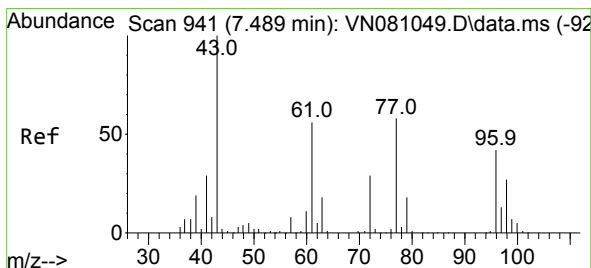
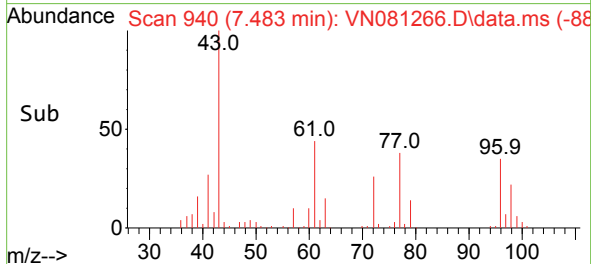
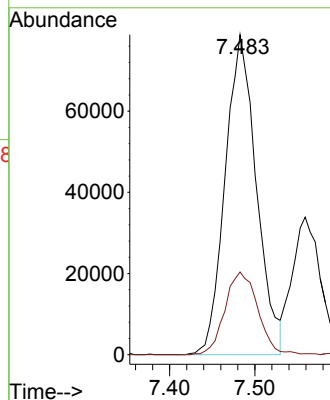
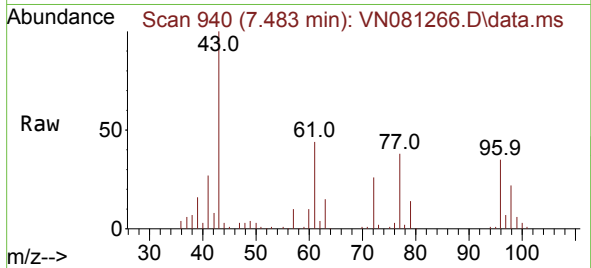




#25
2-Butanone
Concen: 114.810 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

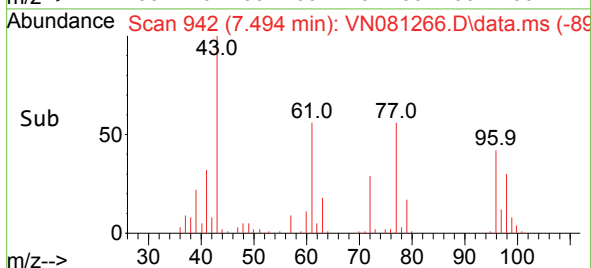
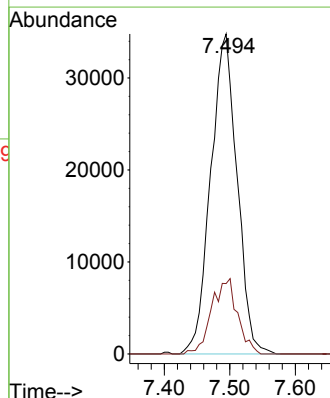
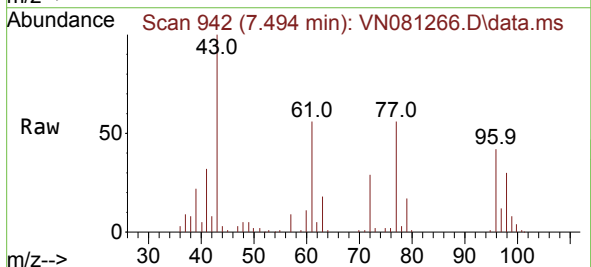
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

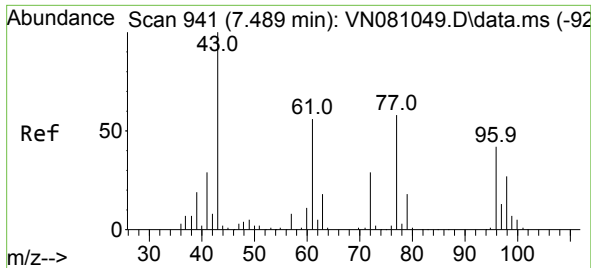
Tgt Ion: 43 Resp: 201103
Ion Ratio Lower Upper
43 100
72 26.0 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.977 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 77 Resp: 97248
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5

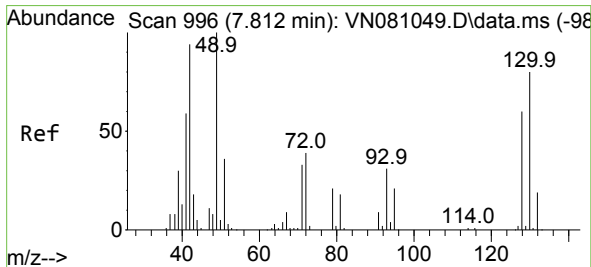
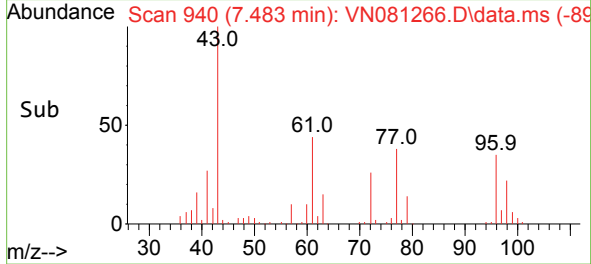
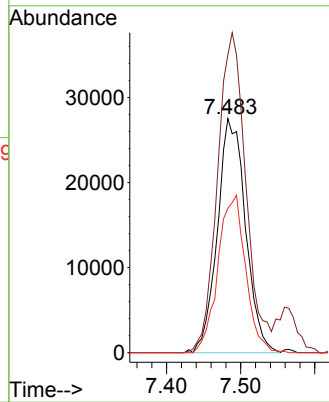
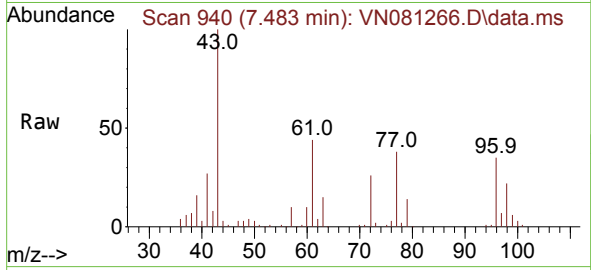




#27
 cis-1,2-Dichloroethene
 Concen: 22.009 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

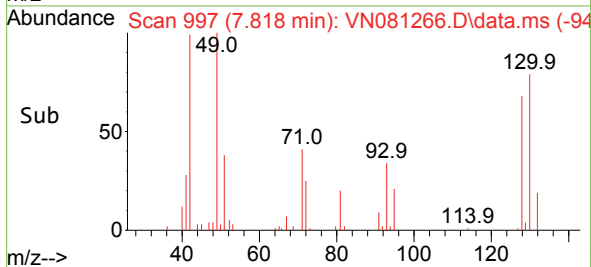
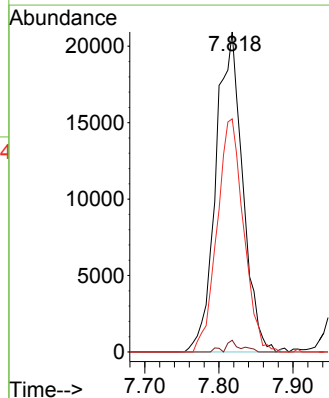
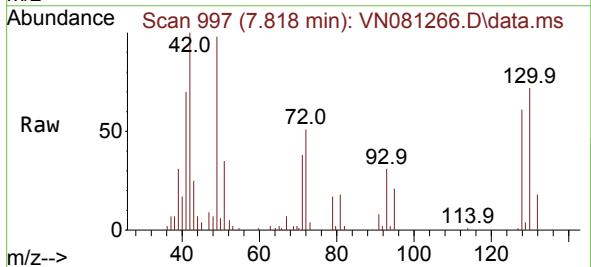
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

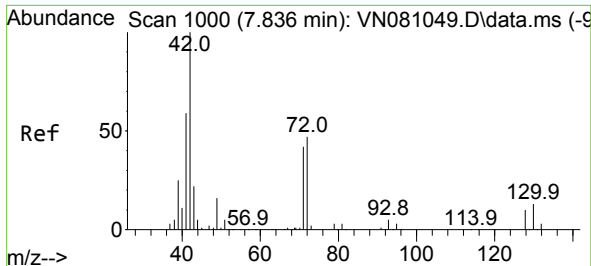
Tgt Ion:	96	Resp:	72532
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	325.4
98	66.1	0.0	130.4



#28
 Bromochloromethane
 Concen: 25.658 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion:	49	Resp:	52630
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	1.6#
130	71.9	42.3	63.5#

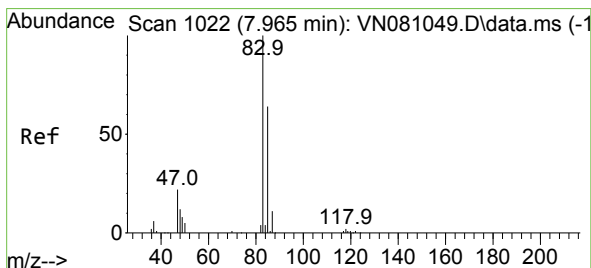
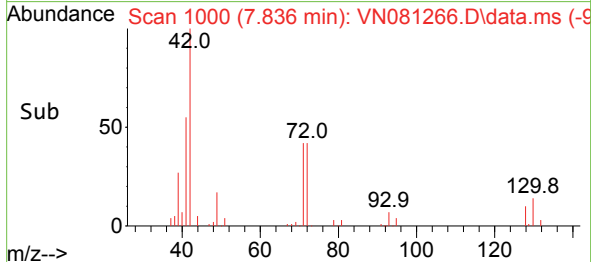
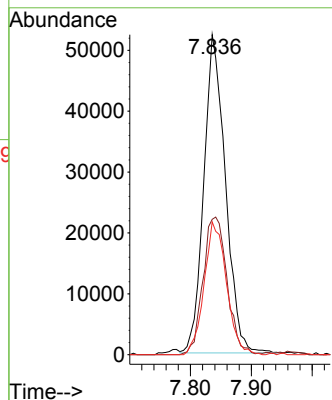
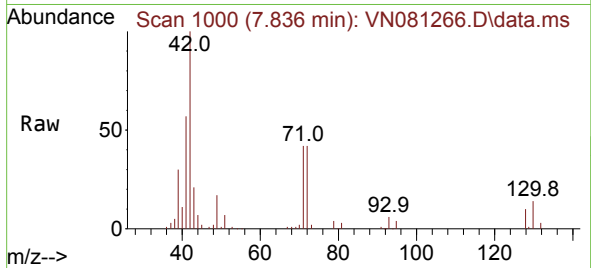




#29
Tetrahydrofuran
Concen: 110.499 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

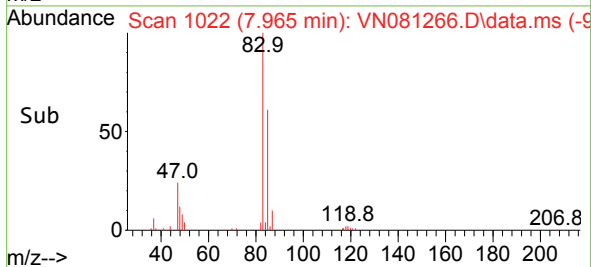
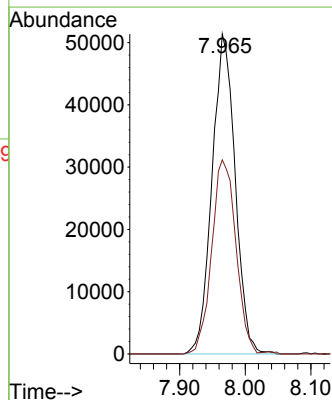
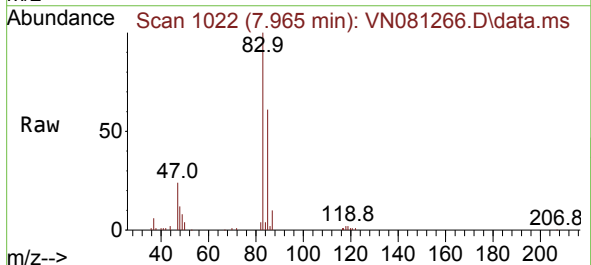
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

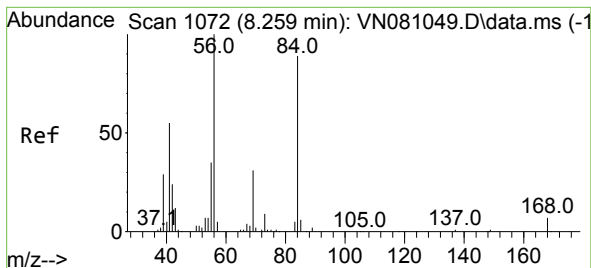
Tgt Ion: 42 Resp: 129205
Ion Ratio Lower Upper
42 100
72 47.9 31.1 46.7#
71 43.0 28.3 42.5#



#30
Chloroform
Concen: 23.872 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 83 Resp: 125564
Ion Ratio Lower Upper
83 100
85 60.6 51.0 76.6





#31

Cyclohexane

Concen: 20.209 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

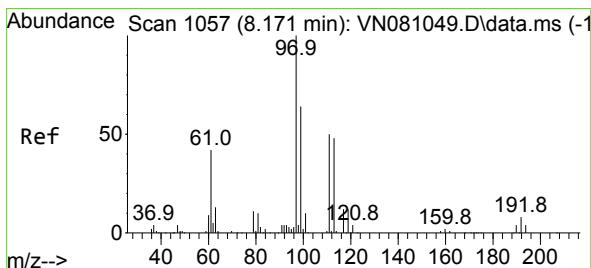
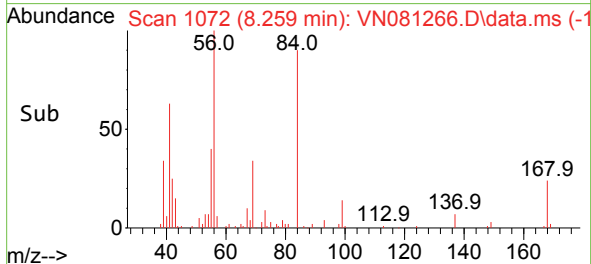
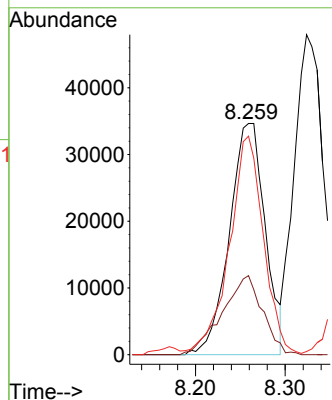
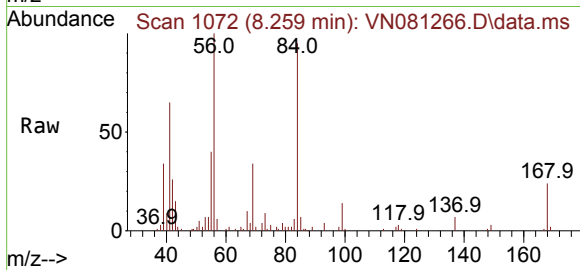
Tgt Ion: 56 Resp: 96151

Ion Ratio Lower Upper

56 100

69 34.2 20.1 30.1#

84 92.9 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 22.487 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

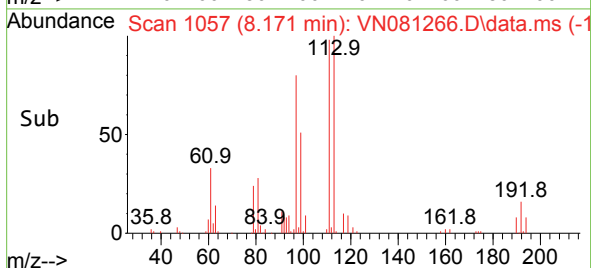
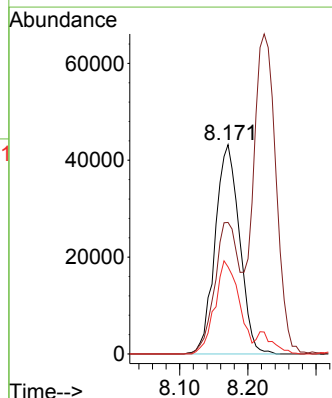
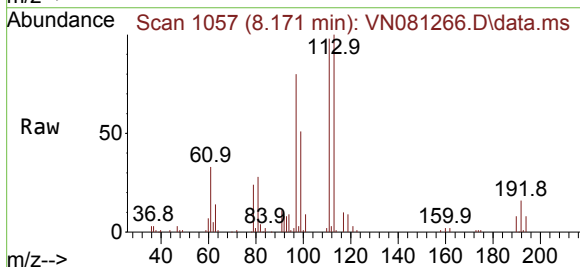
Tgt Ion: 97 Resp: 107719

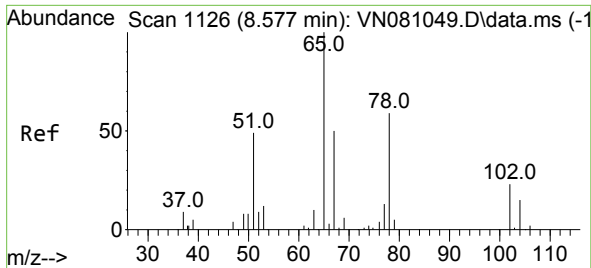
Ion Ratio Lower Upper

97 100

99 59.2 53.4 80.0

61 44.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 56.730 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

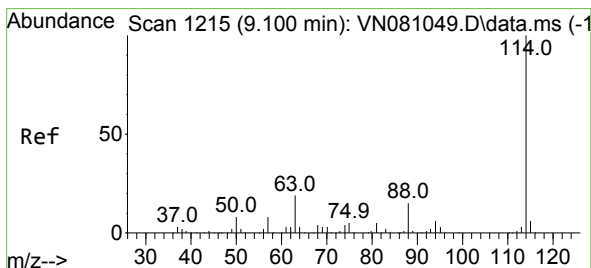
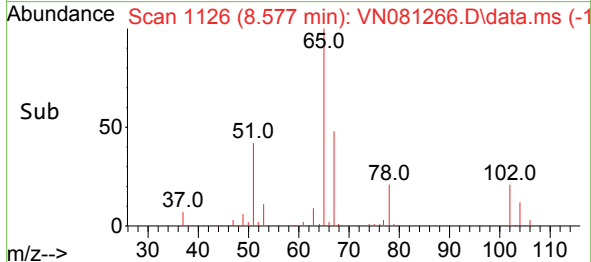
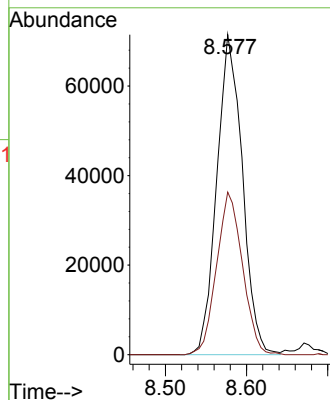
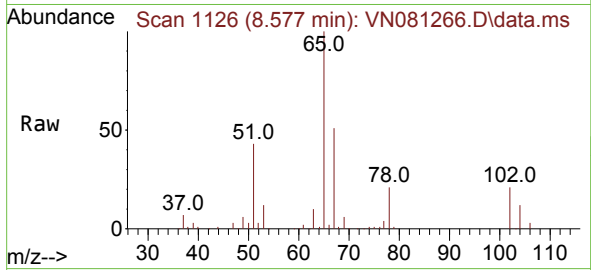
VN0229WBS02

Tgt Ion: 65 Resp: 156321

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

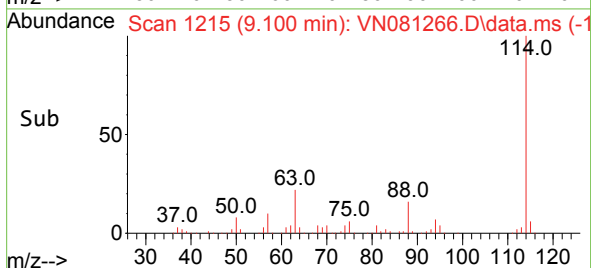
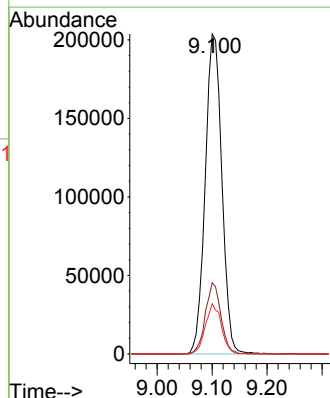
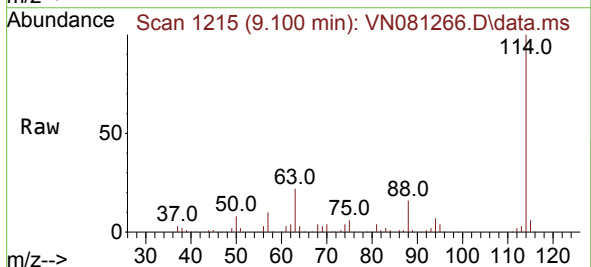
Tgt Ion: 114 Resp: 428454

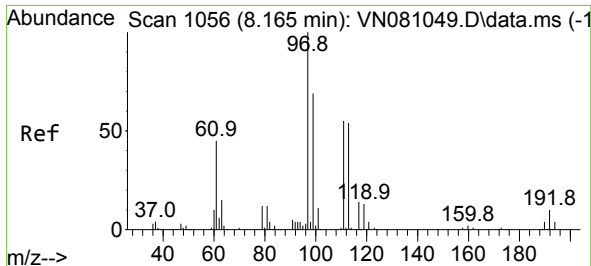
Ion Ratio Lower Upper

114 100

63 22.3 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.668 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

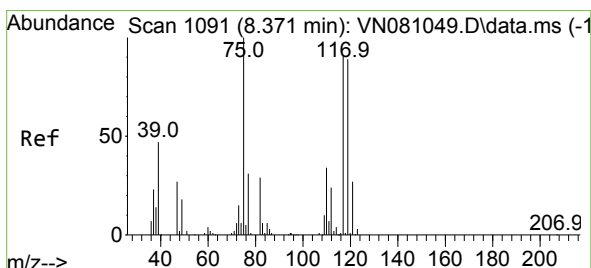
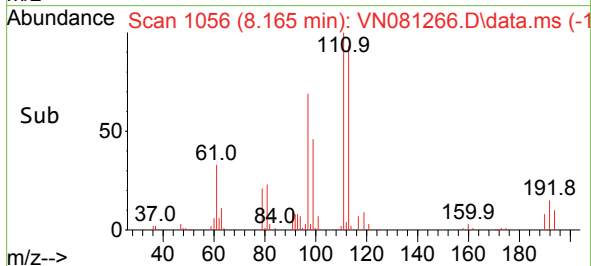
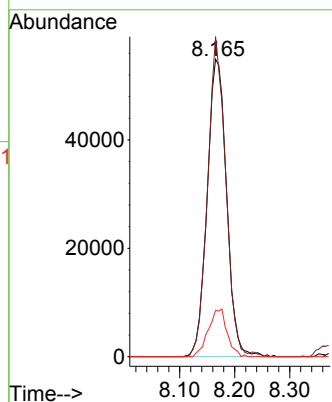
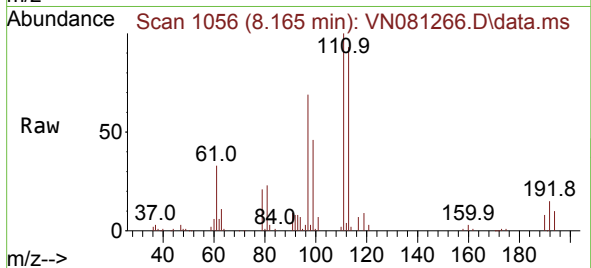
Tgt Ion:113 Resp: 134870

Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 15.5 12.5 18.7



#36

1,1-Dichloropropene

Concen: 20.529 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

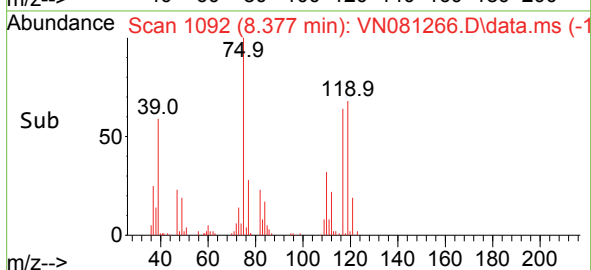
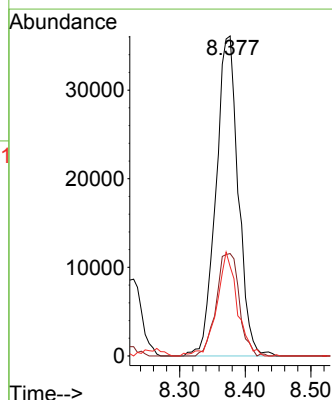
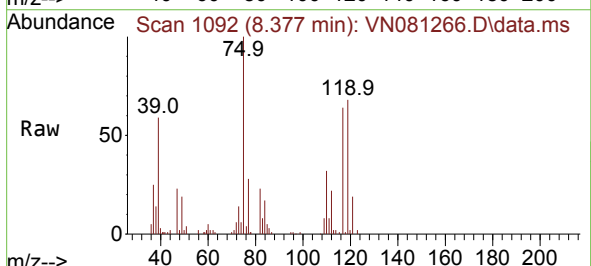
Tgt Ion: 75 Resp: 85212

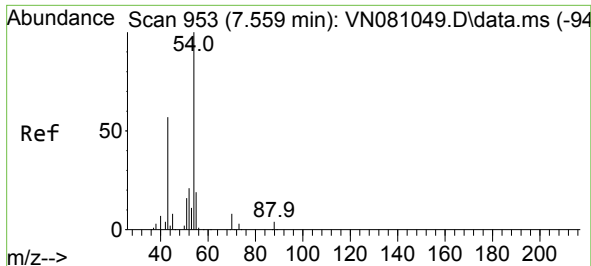
Ion Ratio Lower Upper

75 100

110 33.0 16.0 48.0

77 29.8 25.8 38.6

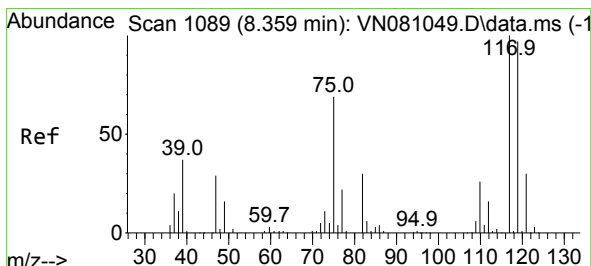
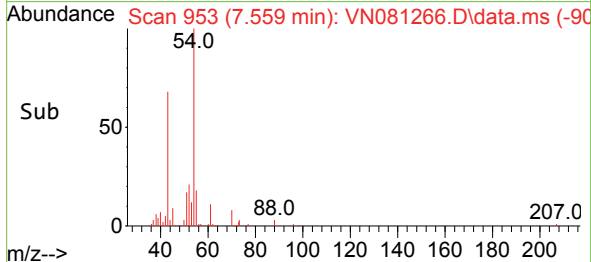
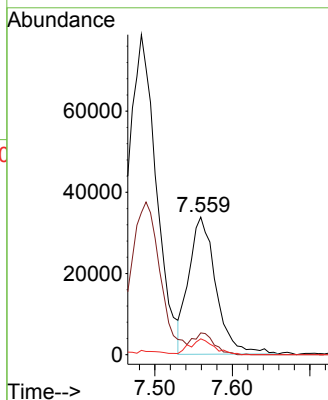
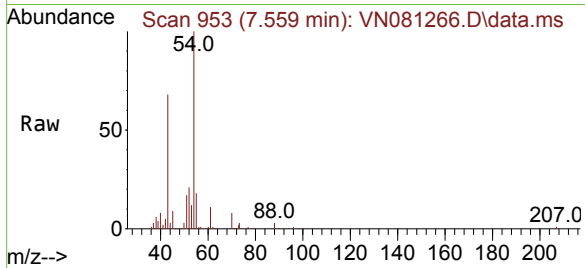




#37
Ethyl Acetate
Concen: 21.959 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

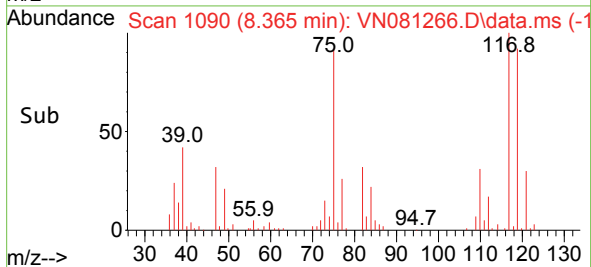
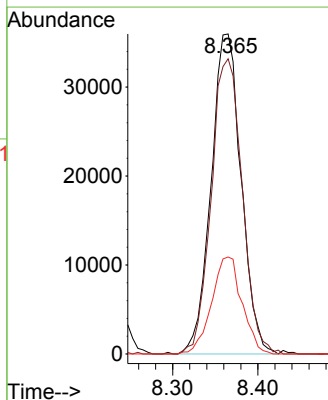
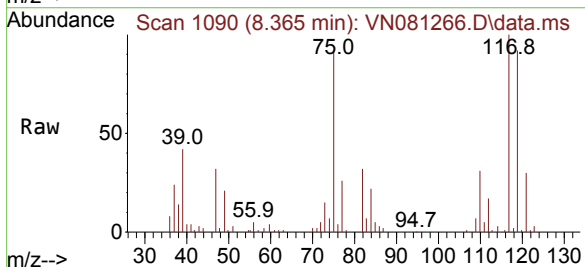
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

Tgt Ion: 43 Resp: 82261
Ion Ratio Lower Upper
43 100
61 12.2 10.6 15.8
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.990 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 117 Resp: 88146
Ion Ratio Lower Upper
117 100
119 92.2 73.4 110.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 19.204 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

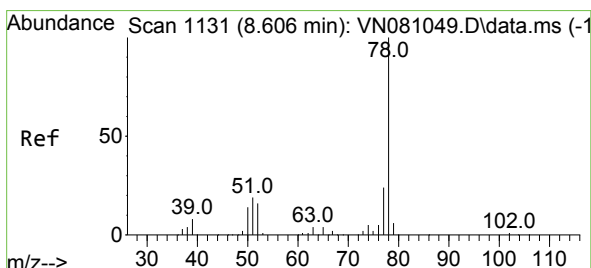
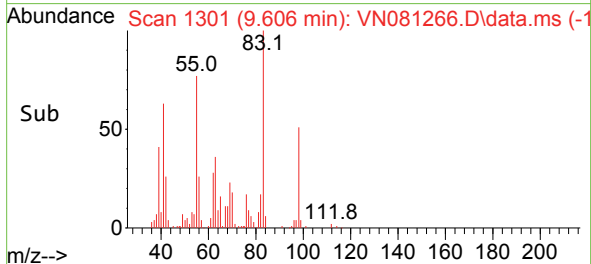
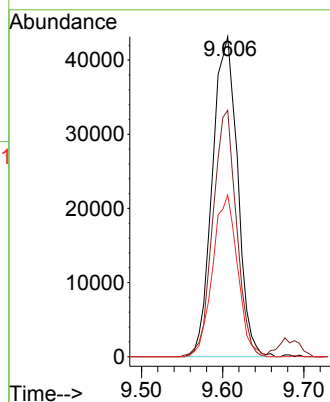
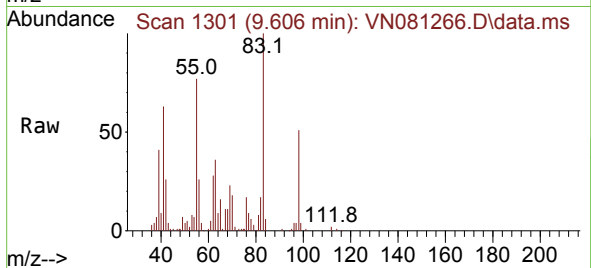
Tgt Ion: 83 Resp: 92918

Ion Ratio Lower Upper

83 100

55 77.0 65.7 98.5

98 50.5 33.8 50.6



#40

Benzene

Concen: 21.712 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081266.D

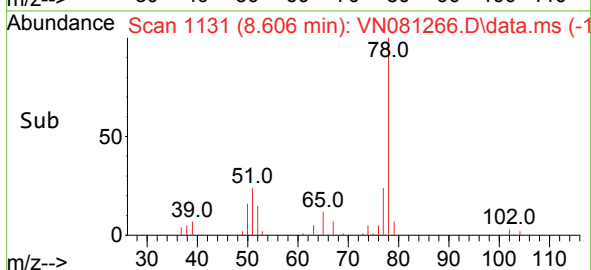
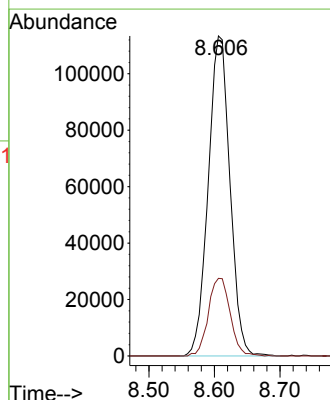
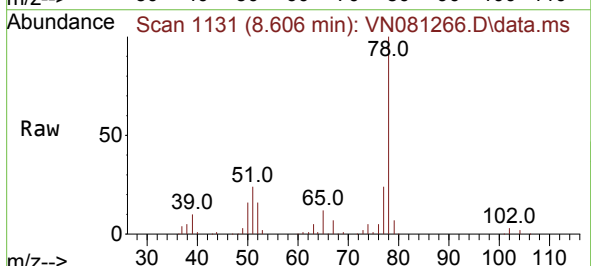
Acq: 29 Feb 2024 14:02

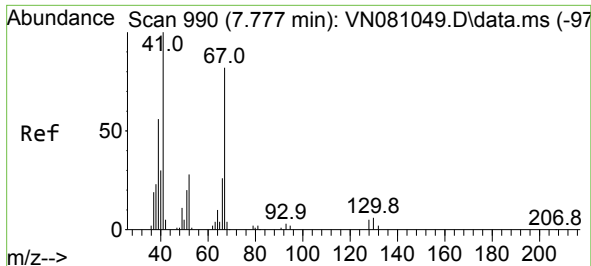
Tgt Ion: 78 Resp: 260854

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

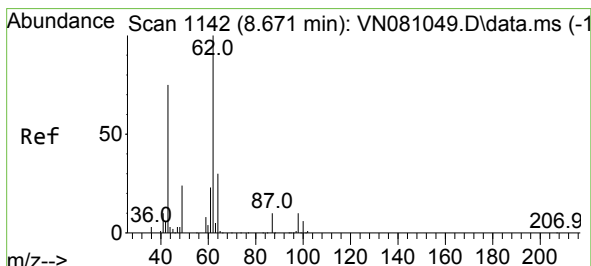
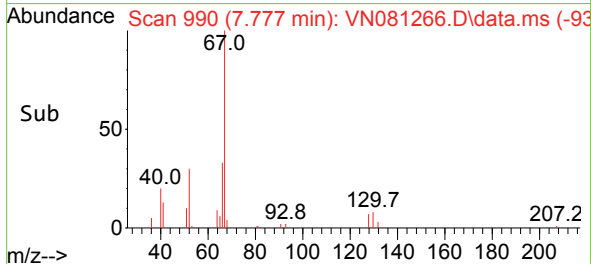
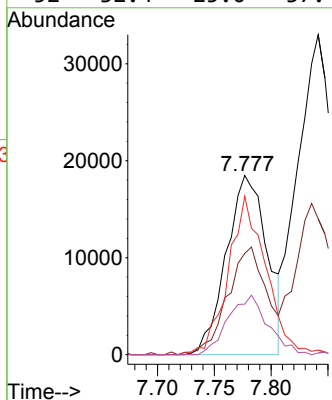
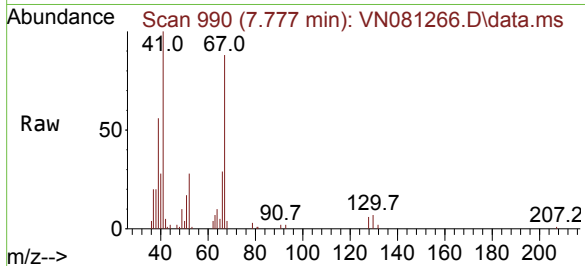




#41
Methacrylonitrile
Concen: 21.661 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

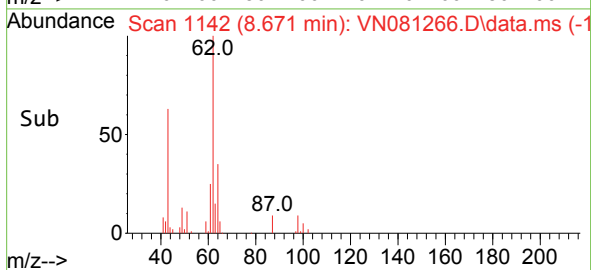
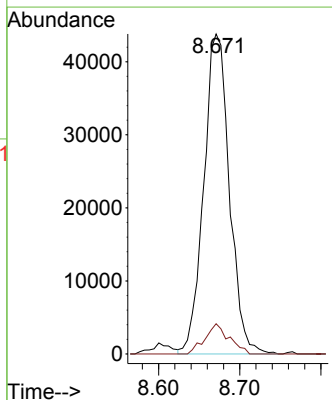
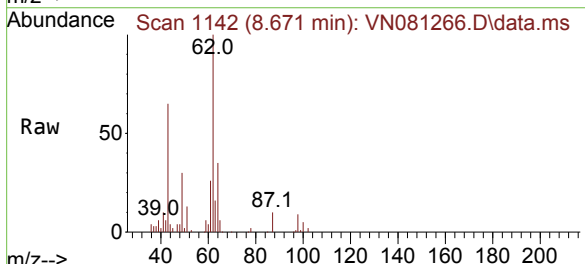
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

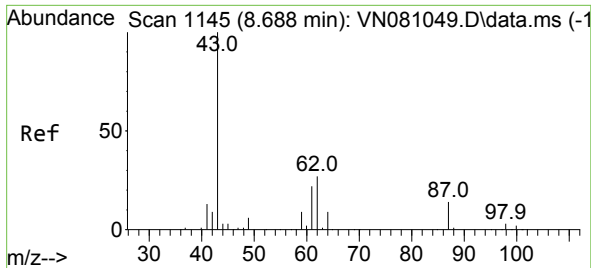
Tgt Ion:	41	Resp:	46180
Ion	Ratio	Lower	Upper
41	100		
39	57.3	48.4	72.6
67	81.6	56.8	85.2
52	32.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.941 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:	62	Resp:	96161
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

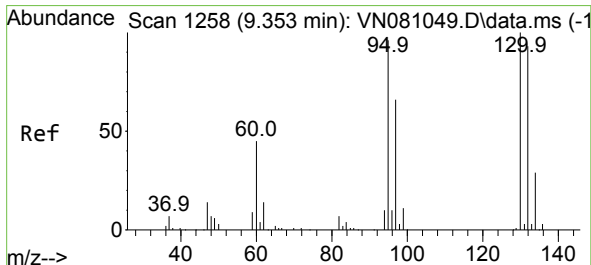
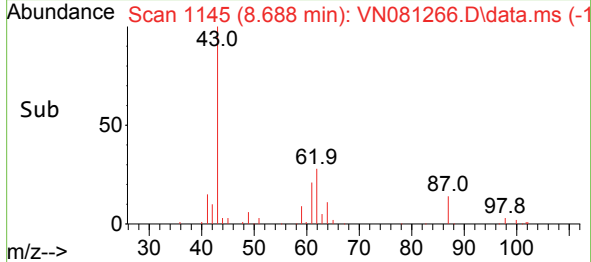
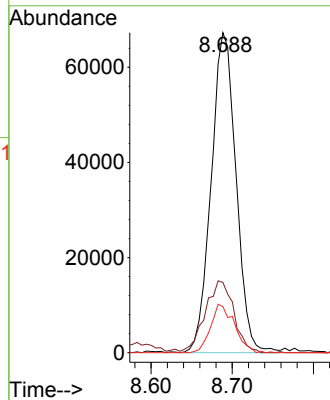
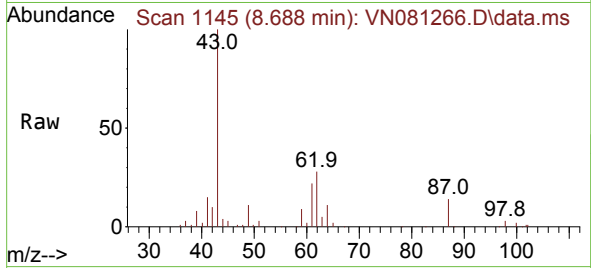




#43
Isopropyl Acetate
Concen: 21.891 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

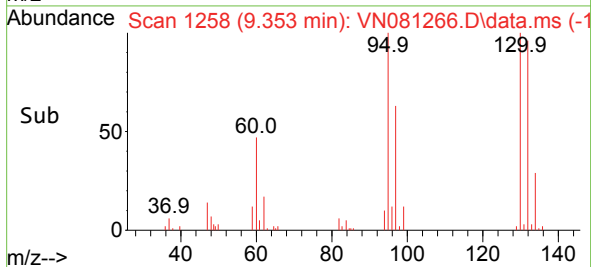
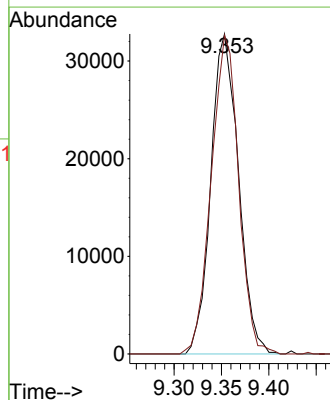
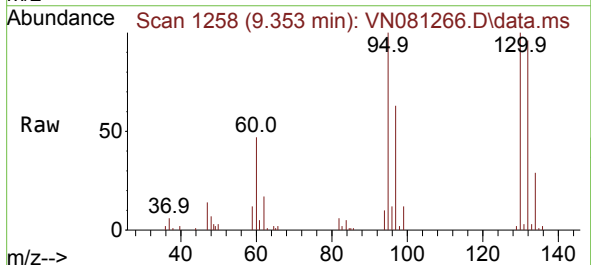
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

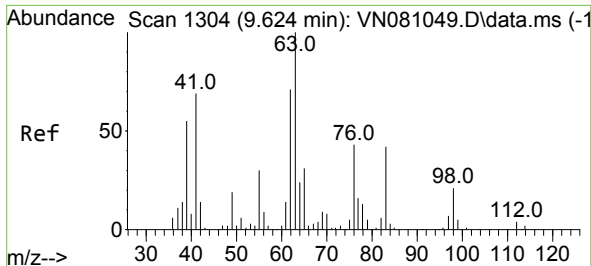
Tgt Ion: 43 Resp: 143425
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 14.5 9.0 13.6#



#44
Trichloroethene
Concen: 20.774 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:130 Resp: 66474
Ion Ratio Lower Upper
130 100
95 99.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.671 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

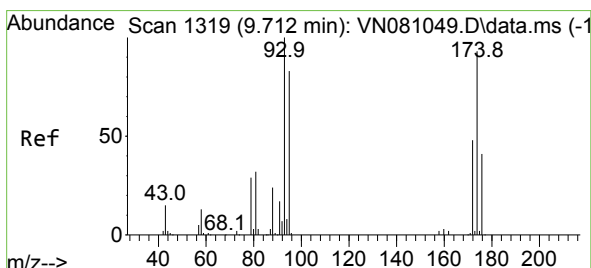
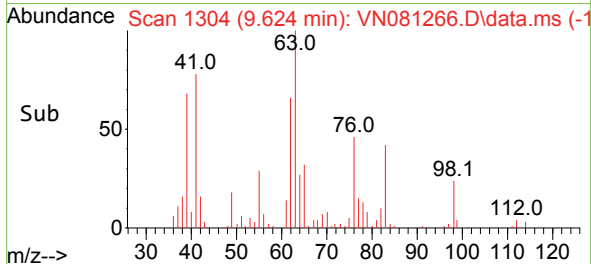
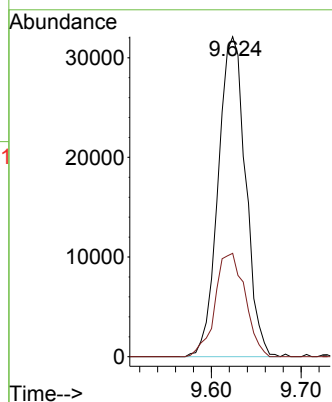
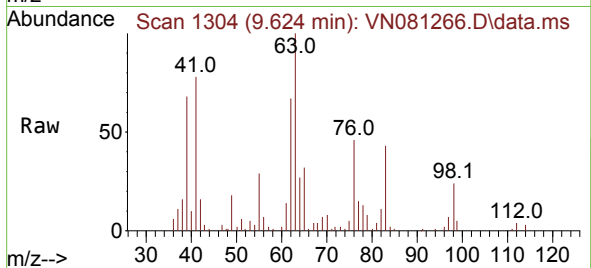
VN0229WBS02

Tgt Ion: 63 Resp: 68132

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#46

Dibromomethane

Concen: 21.847 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

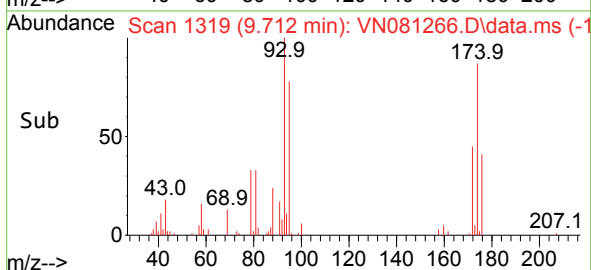
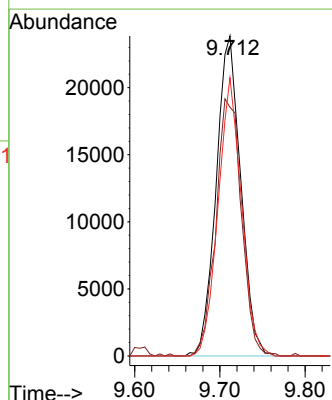
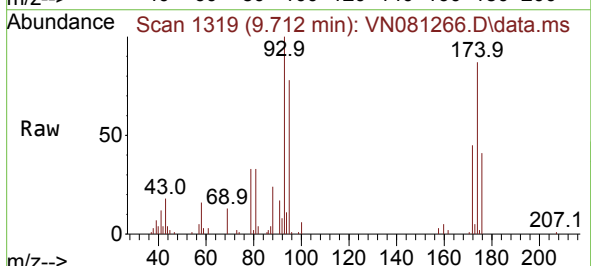
Tgt Ion: 93 Resp: 47838

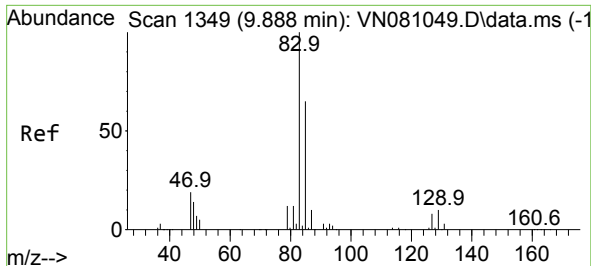
Ion Ratio Lower Upper

93 100

95 83.8 68.1 102.1

174 82.9 57.2 85.8

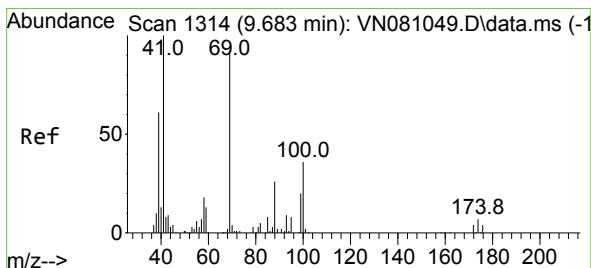
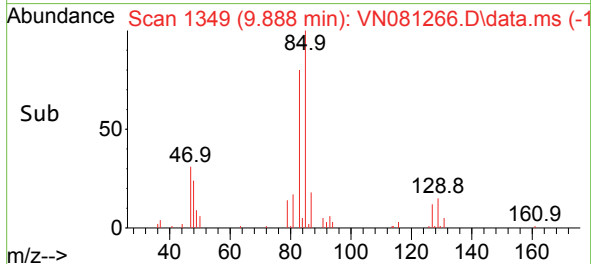
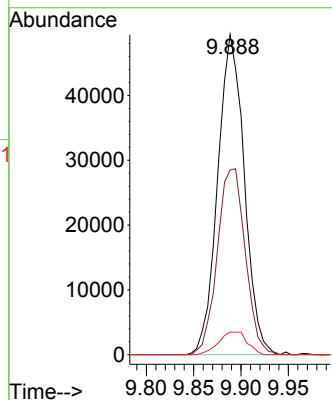
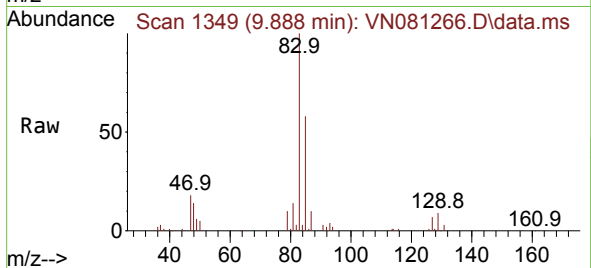




#47
Bromodichloromethane
Concen: 23.209 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

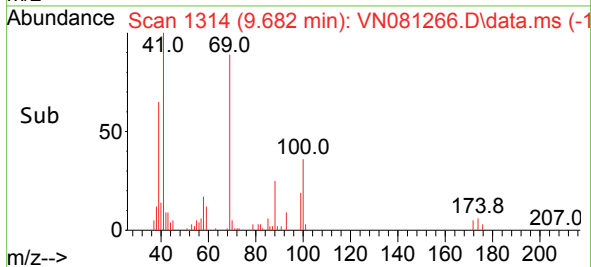
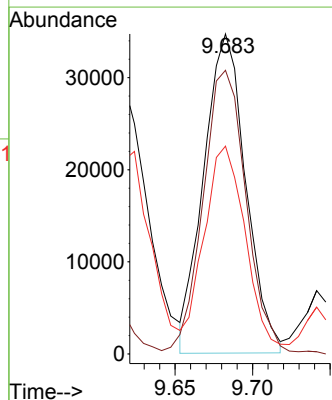
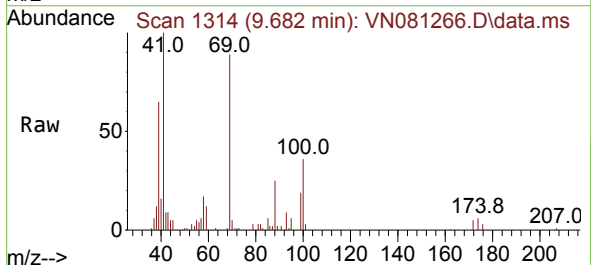
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

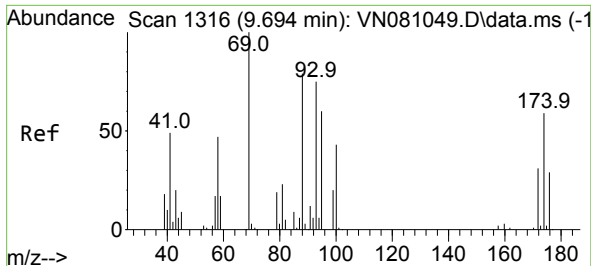
Tgt Ion: 83 Resp: 96253
Ion Ratio Lower Upper
83 100
85 57.8 52.3 78.5
127 7.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.406 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 41 Resp: 65257
Ion Ratio Lower Upper
41 100
69 91.9 62.2 93.2
39 65.4 47.6 71.4





#49

1,4-Dioxane

Concen: 473.087 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

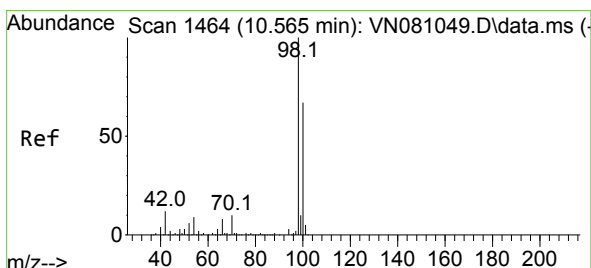
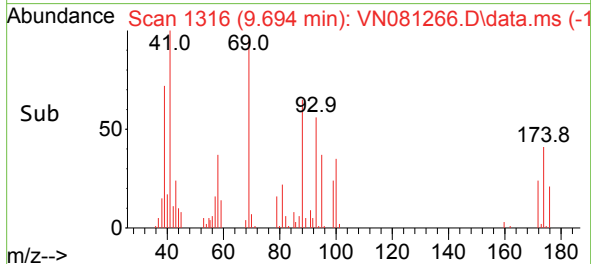
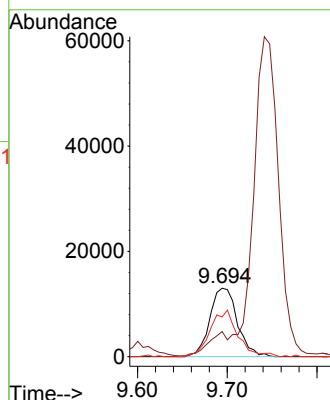
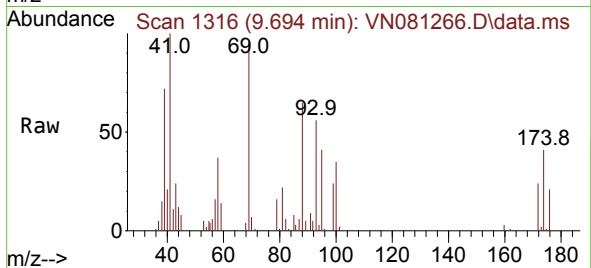
Tgt Ion: 88 Resp: 27720

Ion Ratio Lower Upper

88 100

43 24.7 30.1 45.1#

58 67.8 63.9 95.9



#50

Toluene-d8

Concen: 50.156 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081266.D

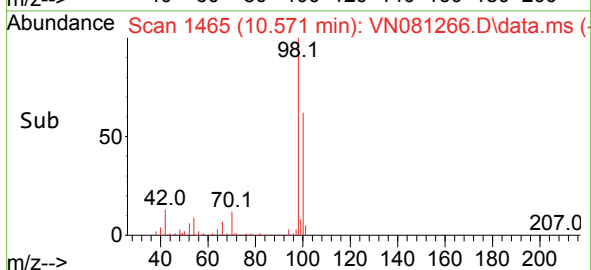
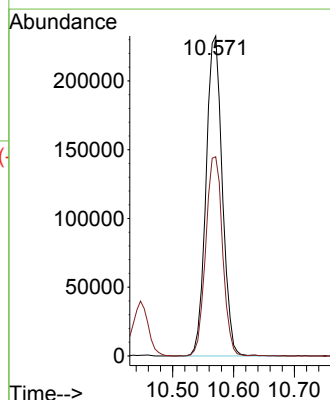
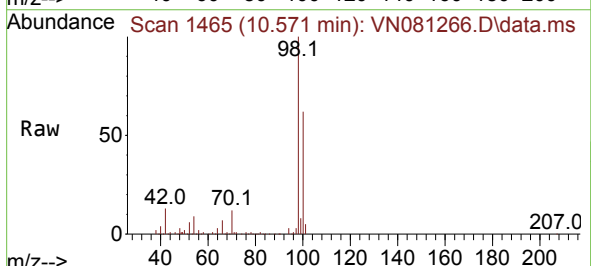
Acq: 29 Feb 2024 14:02

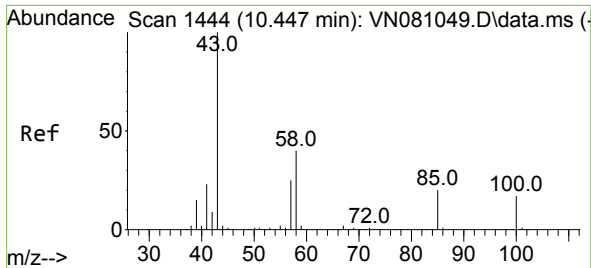
Tgt Ion: 98 Resp: 431593

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

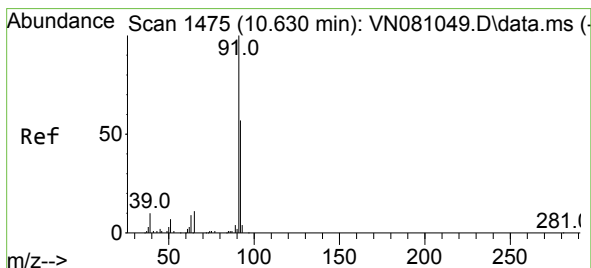
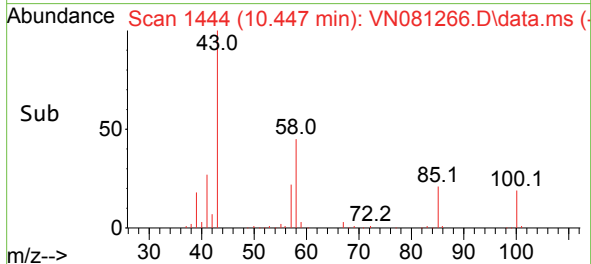
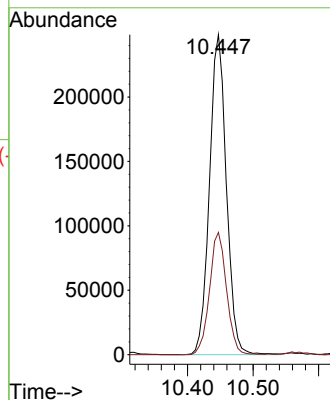
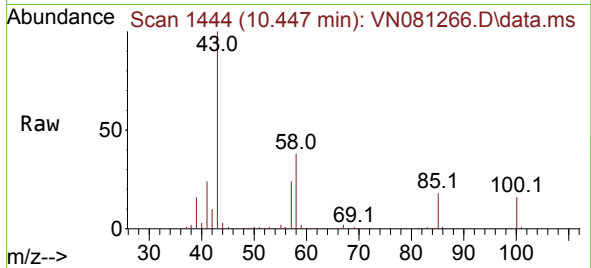




#51
4-Methyl-2-Pentanone
Concen: 118.141 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

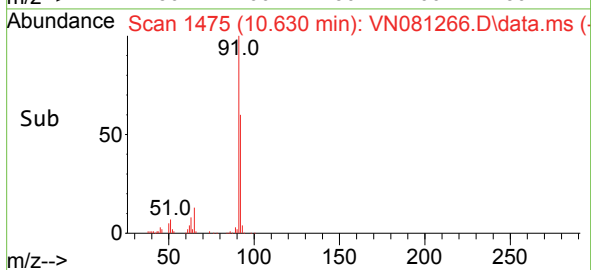
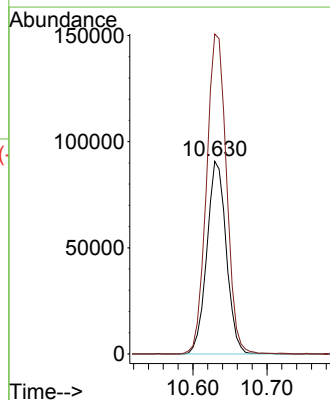
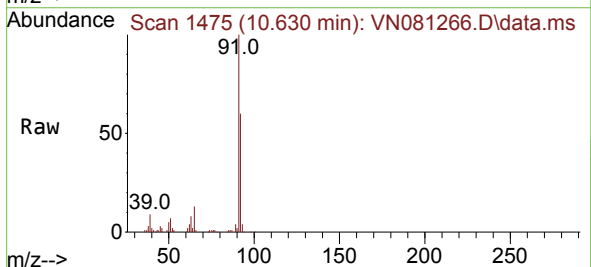
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

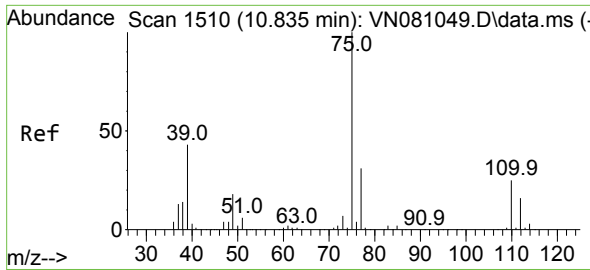
Tgt Ion: 43 Resp: 445256
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.0



#52
Toluene
Concen: 21.746 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 92 Resp: 165397
Ion Ratio Lower Upper
92 100
91 170.8 139.4 209.0

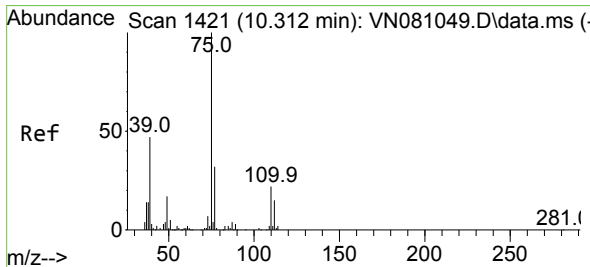
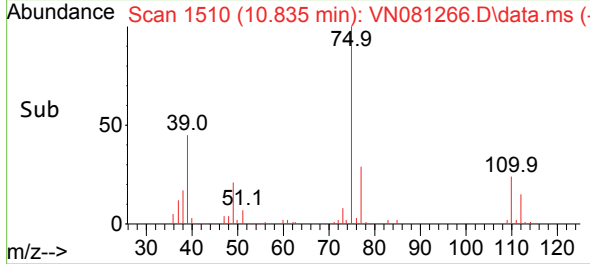
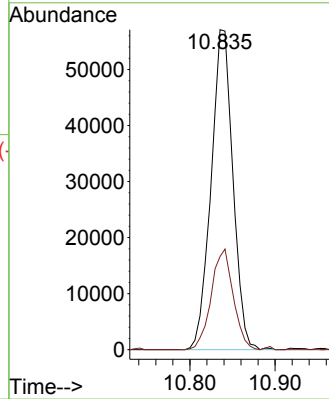
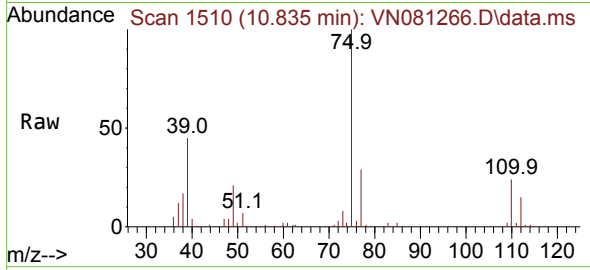




#53
 t-1,3-Dichloropropene
 Concen: 22.065 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

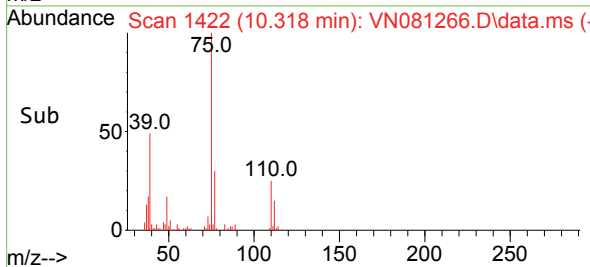
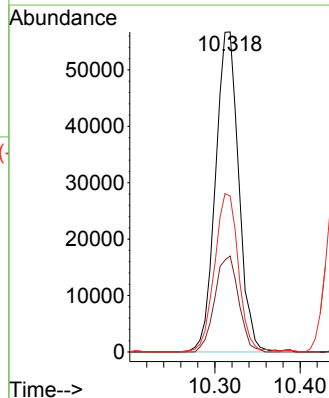
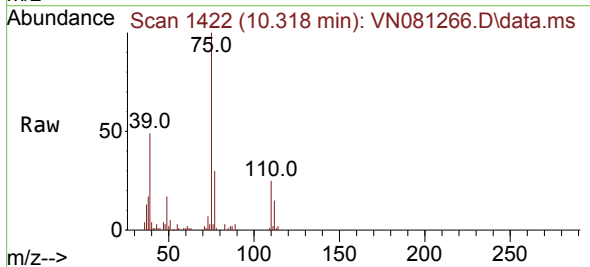
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

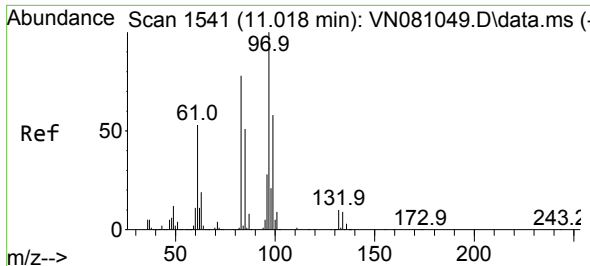
Tgt Ion: 75 Resp: 101689
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.572 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion: 75 Resp: 107413
 Ion Ratio Lower Upper
 75 100
 77 30.0 23.3 34.9
 39 48.7 44.6 66.8

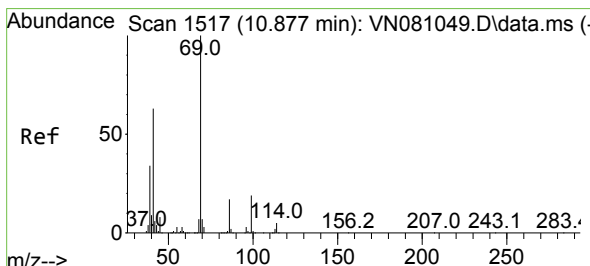
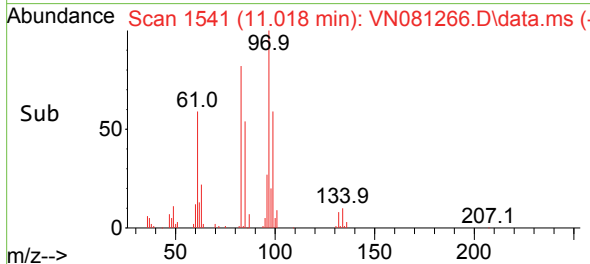
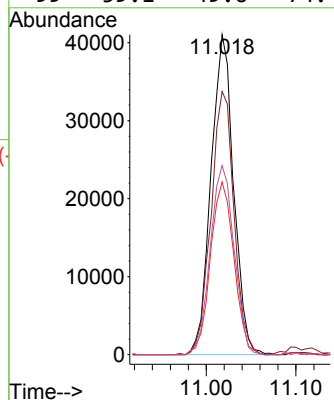
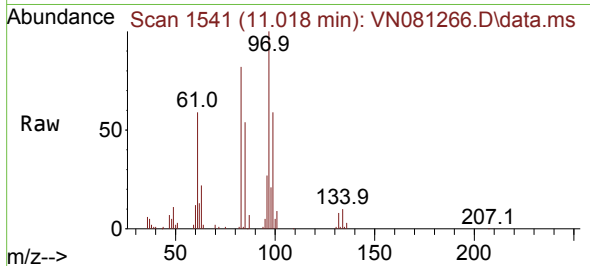




#55
 1,1,2-Trichloroethane
 Concen: 24.535 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

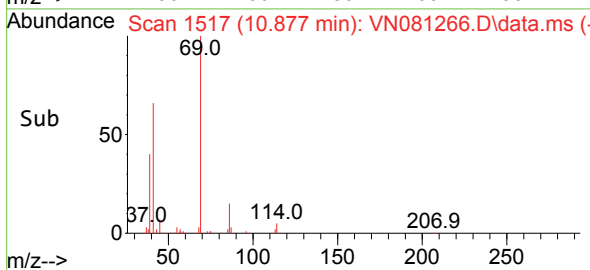
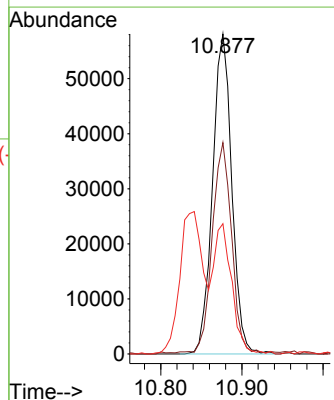
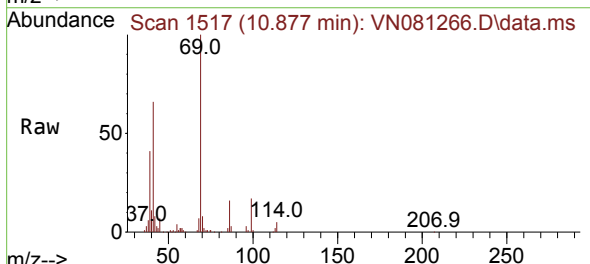
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

Tgt Ion:	97	Resp:	71773
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.9	109.3
85	54.0	50.2	75.2
99	59.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 21.383 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion:	69	Resp:	95600
Ion	Ratio	Lower	Upper
69	100		
41	65.6	61.0	91.6
39	38.1	31.8	47.6





#57

1,3-Dichloropropane

Concen: 22.753 ug/l

RT: 11.165 min Scan# 115091

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

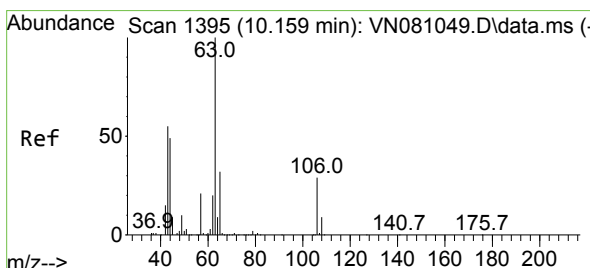
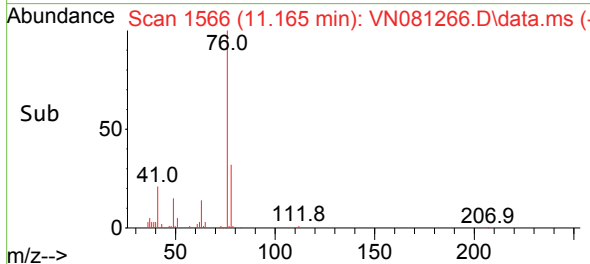
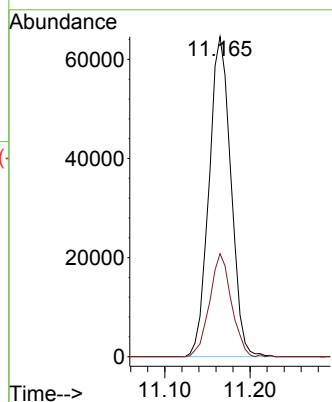
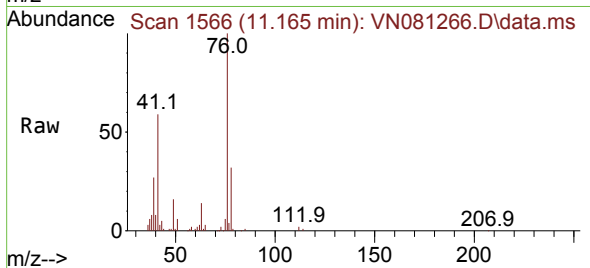
VN0229WBS02

Tgt Ion: 76 Resp: 115091

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 100.126 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081266.D

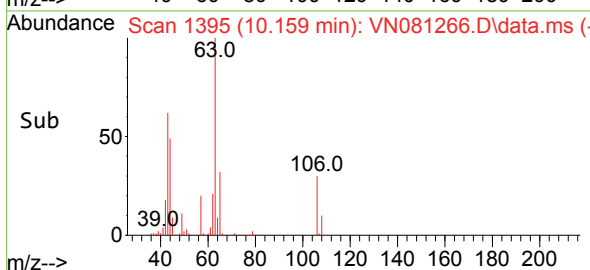
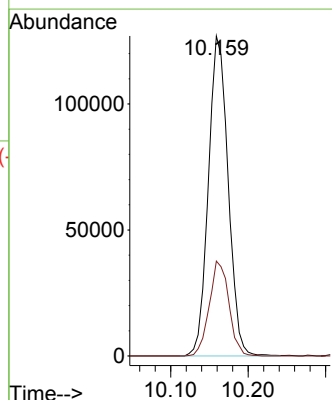
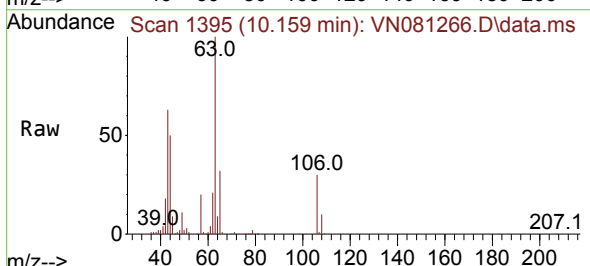
Acq: 29 Feb 2024 14:02

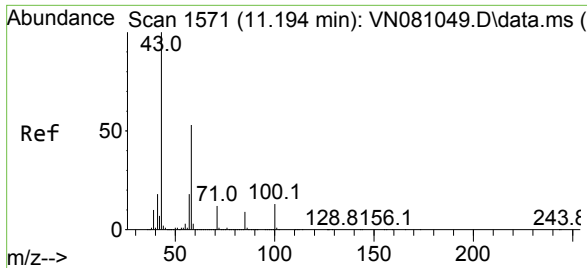
Tgt Ion: 63 Resp: 224610

Ion Ratio Lower Upper

63 100

106 29.5 18.6 28.0#

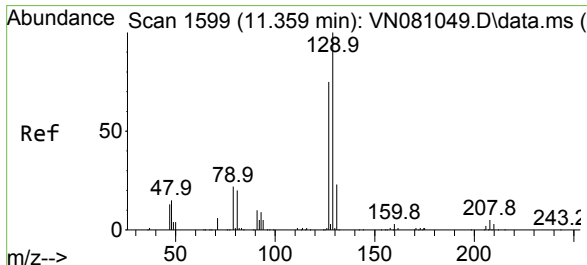
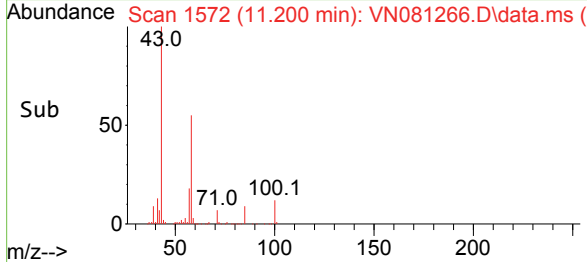
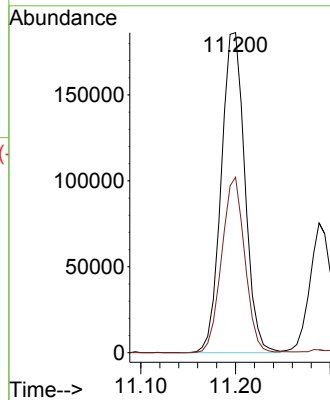
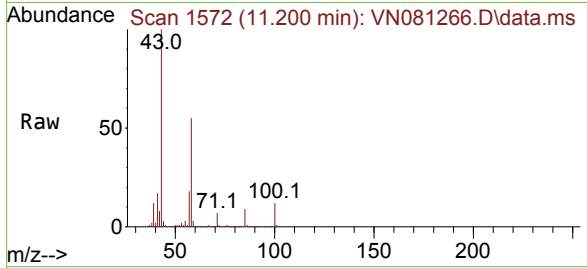




#59
2-Hexanone
Concen: 108.144 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

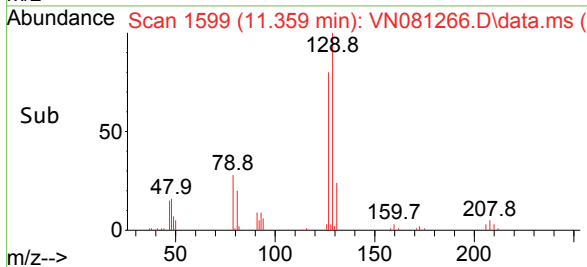
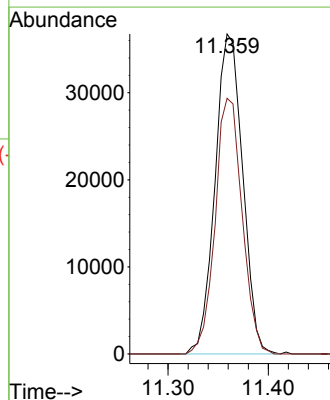
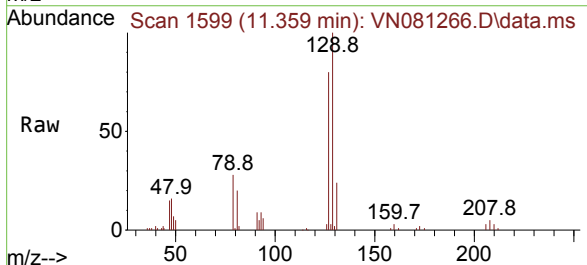
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

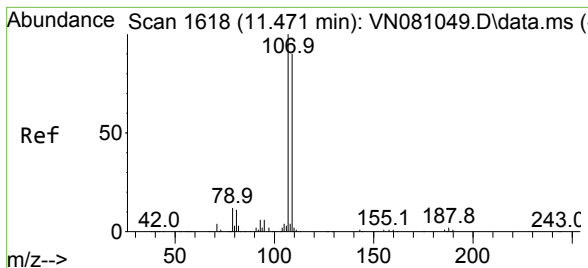
Tgt Ion: 43 Resp: 323127
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8



#60
Dibromochloromethane
Concen: 22.643 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:129 Resp: 70369
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2

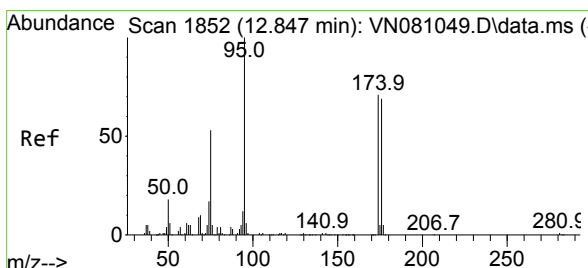
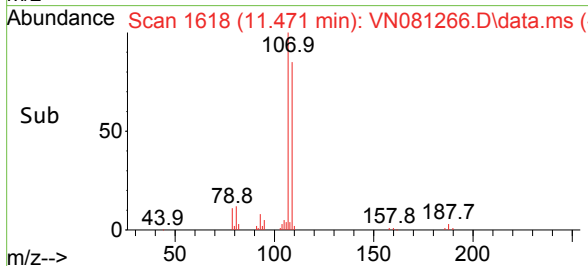
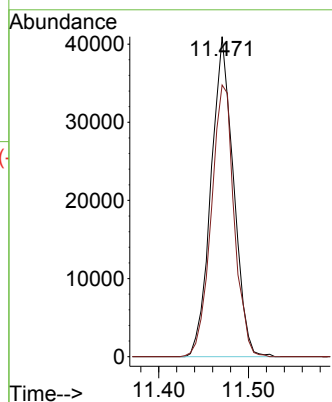
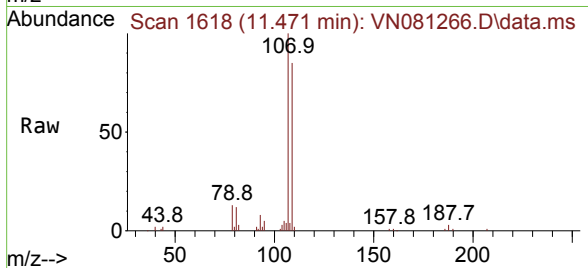




#61
1,2-Dibromoethane
Concen: 23.177 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

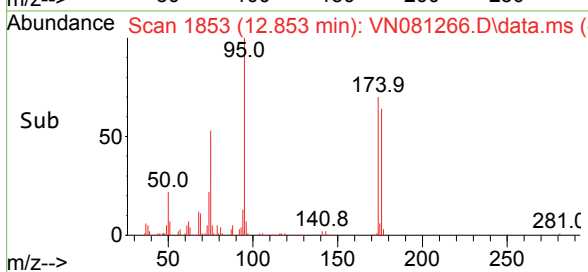
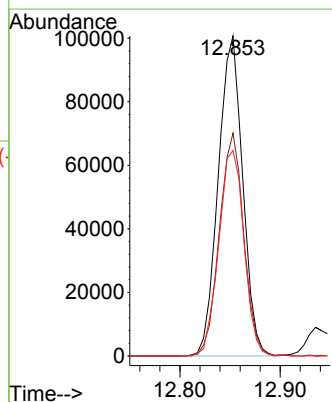
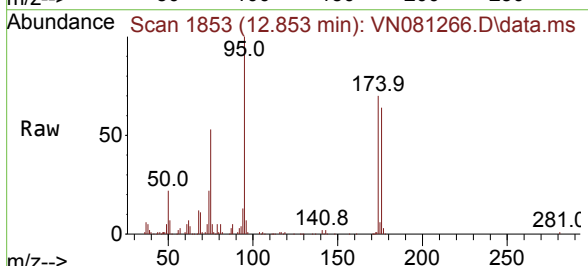
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

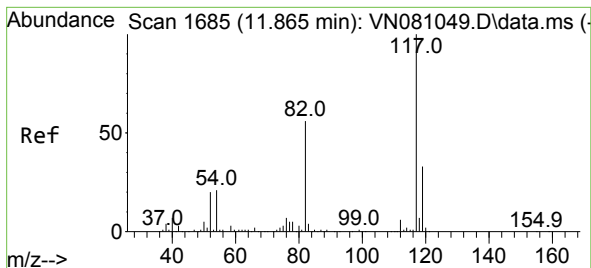
Tgt Ion:107 Resp: 71297
Ion Ratio Lower Upper
107 100
109 86.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 52.682 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 95 Resp: 170340
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 66.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

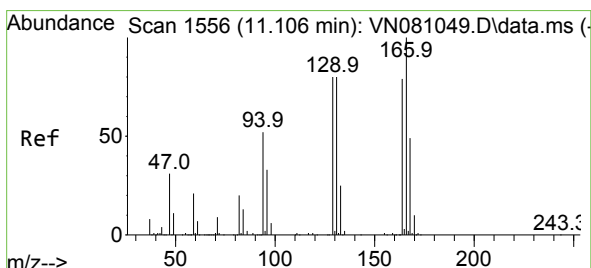
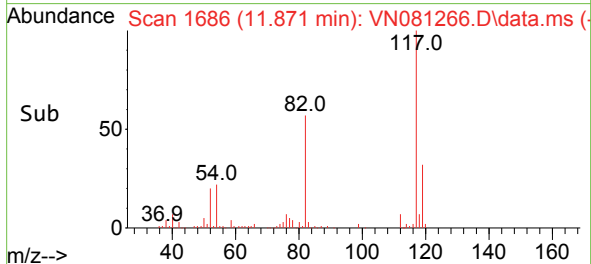
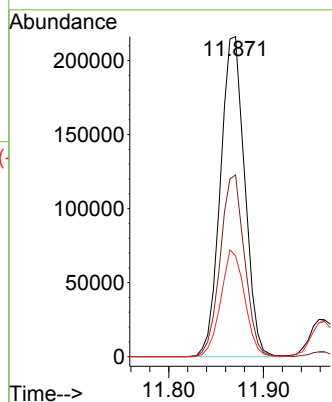
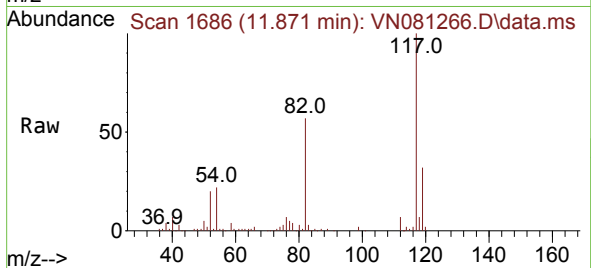
Tgt Ion:117 Resp: 385105

Ion Ratio Lower Upper

117 100

82 56.8 52.7 79.1

119 31.5 25.3 37.9



#64

Tetrachloroethene

Concen: 24.274 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Tgt Ion:164 Resp: 63801

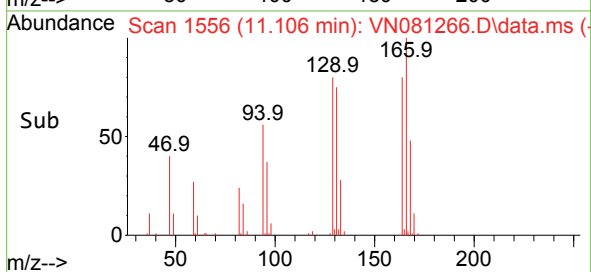
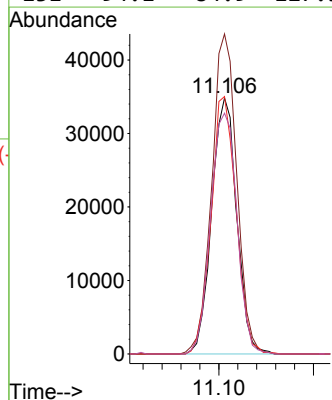
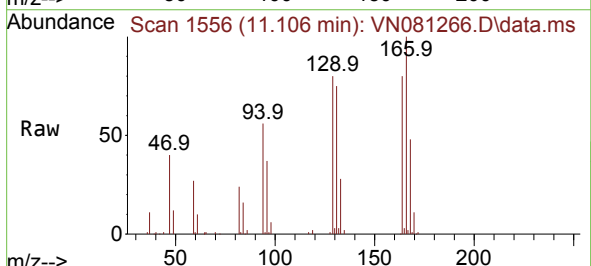
Ion Ratio Lower Upper

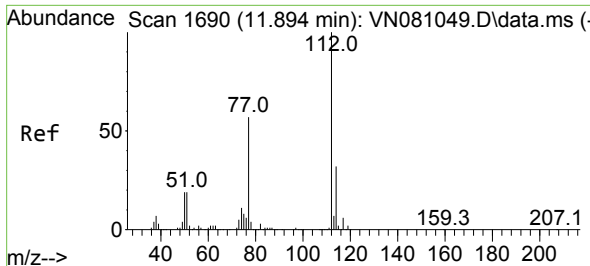
164 100

166 125.0 105.8 158.6

129 100.5 89.6 134.4

131 94.1 84.9 127.3

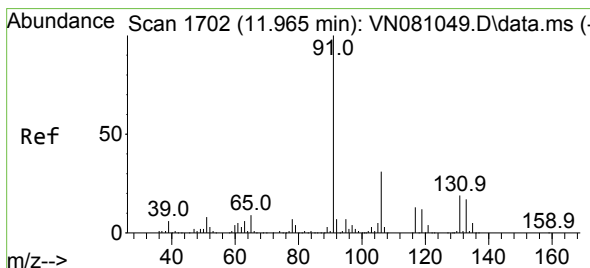
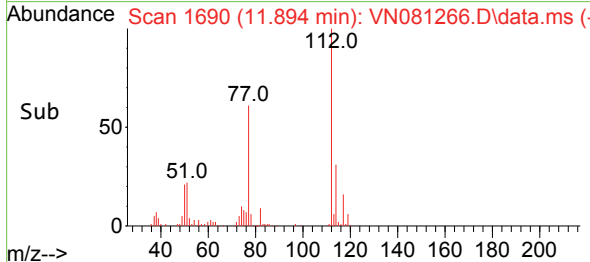
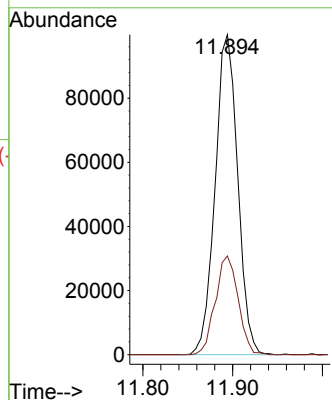
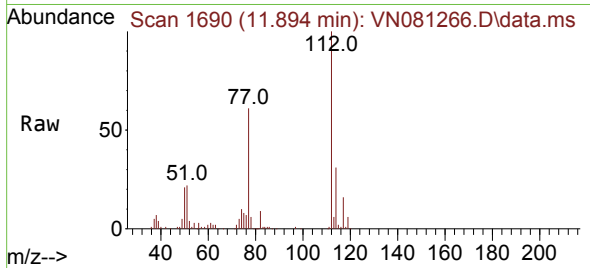




#65
Chlorobenzene
Concen: 20.905 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

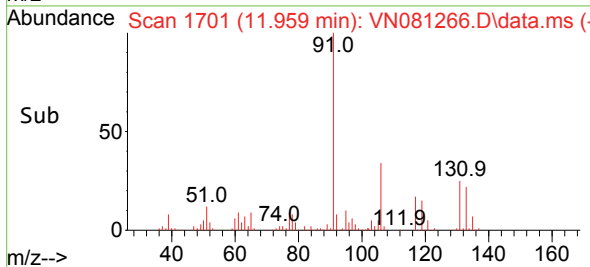
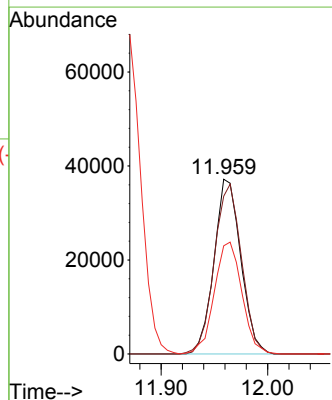
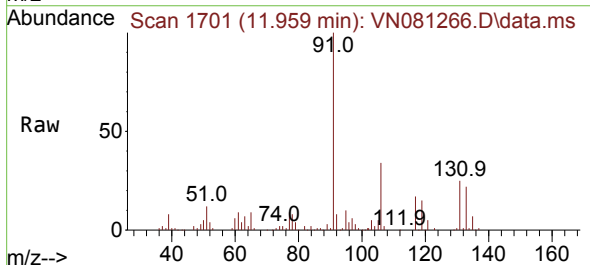
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

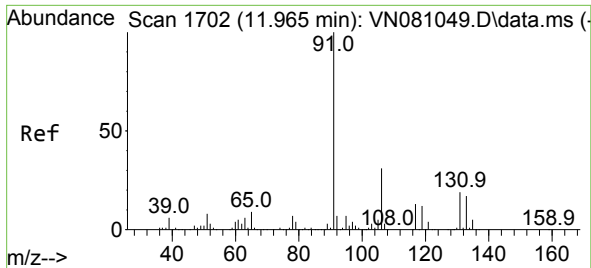
Tgt Ion:112 Resp: 174244
Ion Ratio Lower Upper
112 100
114 30.9 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.694 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:131 Resp: 64944
Ion Ratio Lower Upper
131 100
133 98.9 46.8 140.3
119 65.9 34.6 103.9

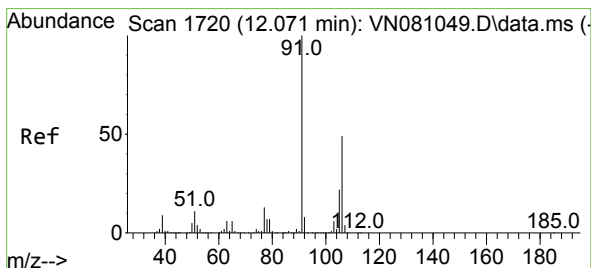
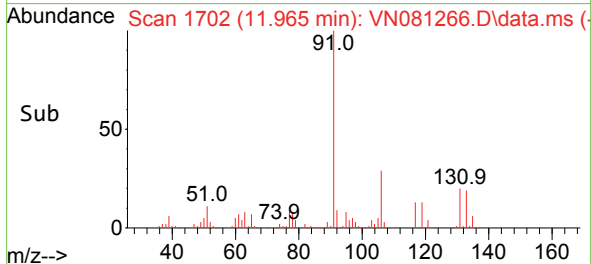
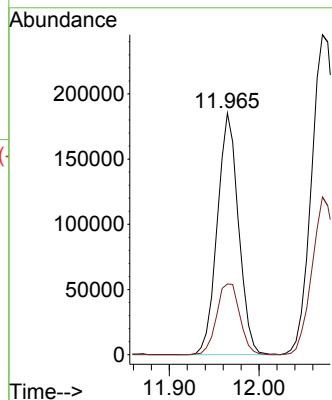
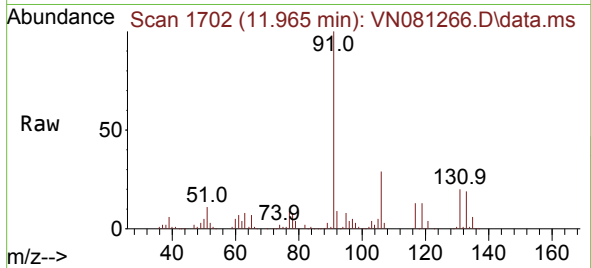




#67
Ethyl Benzene
Concen: 20.363 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

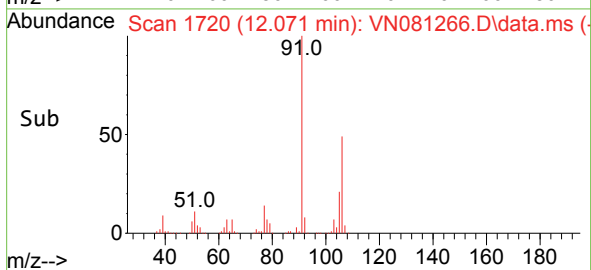
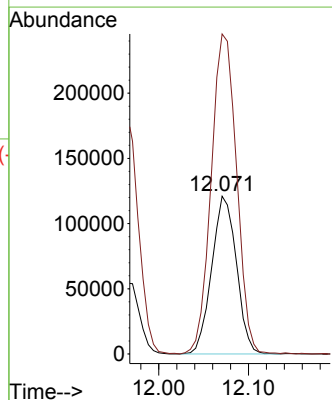
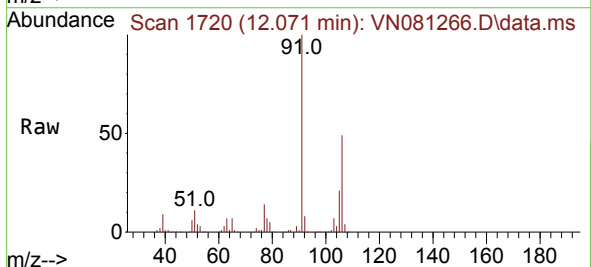
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

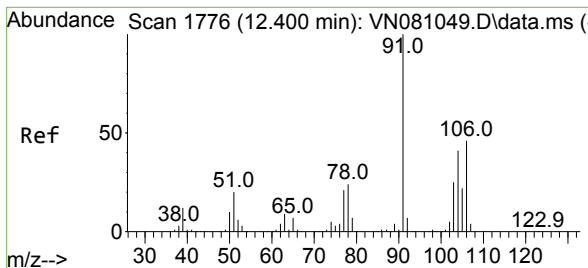
Tgt Ion: 91 Resp: 303710
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6



#68
m/p-Xylenes
Concen: 40.422 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 106 Resp: 231083
Ion Ratio Lower Upper
106 100
91 209.2 169.0 253.6

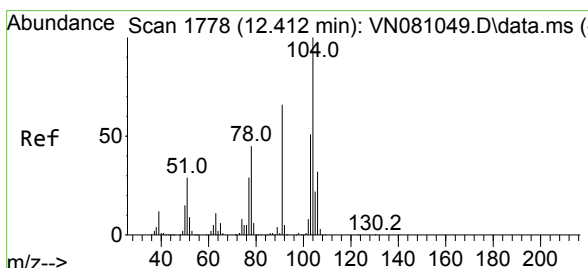
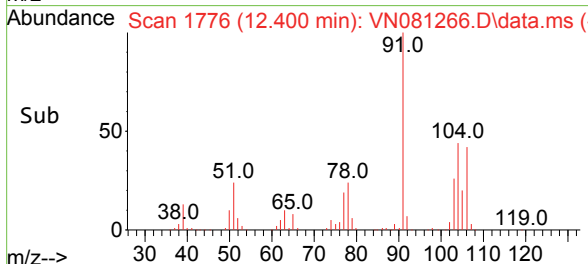
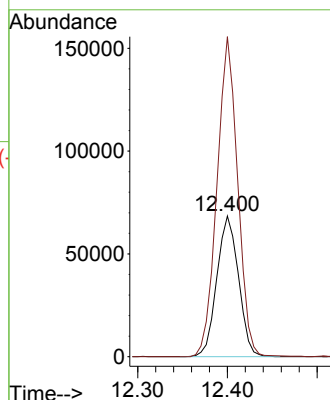
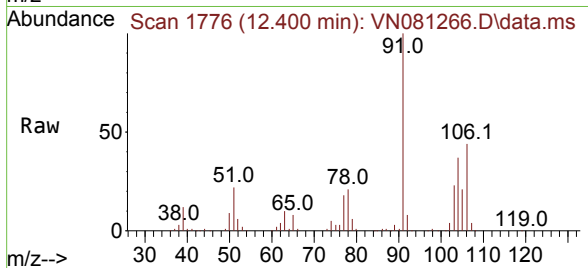




#69
o-Xylene
Concen: 20.227 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

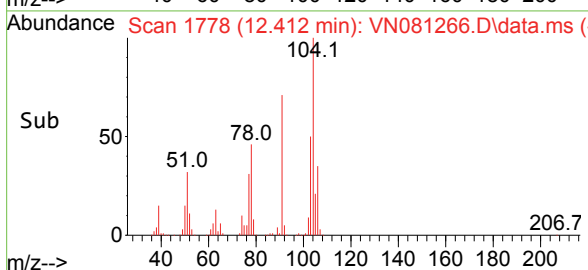
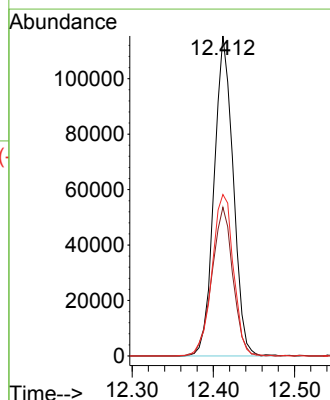
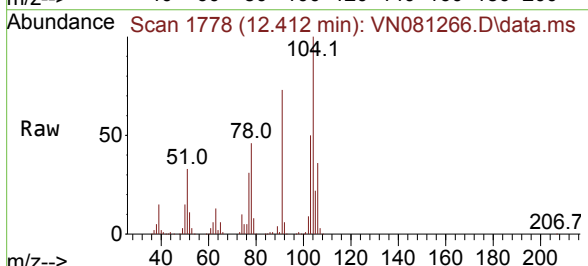
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

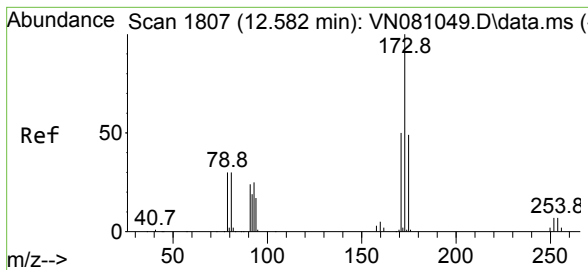
Tgt Ion:106 Resp: 114620
Ion Ratio Lower Upper
106 100
91 217.9 112.1 336.3



#70
Styrene
Concen: 21.039 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:104 Resp: 188922
Ion Ratio Lower Upper
104 100
78 51.2 43.8 65.8
103 56.5 44.2 66.2

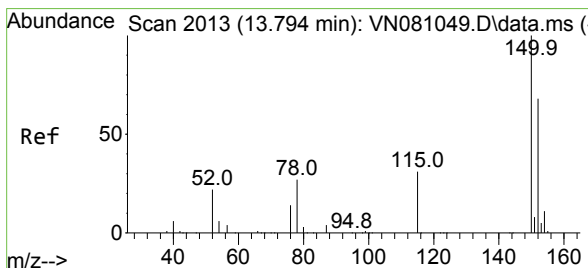
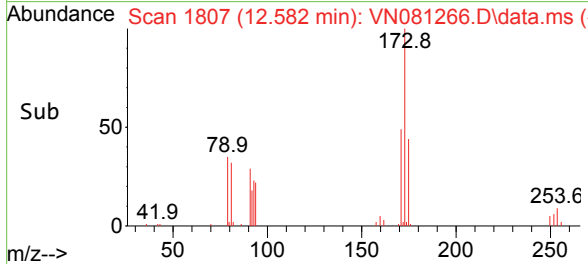
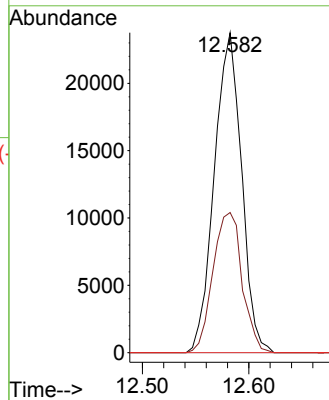
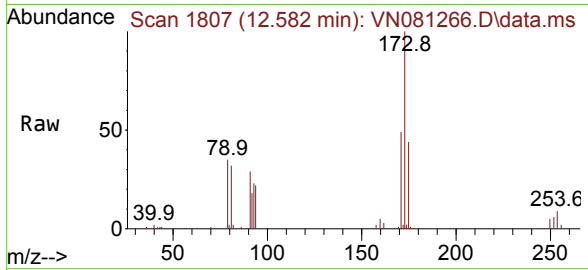




#71
Bromoform
Concen: 22.201 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

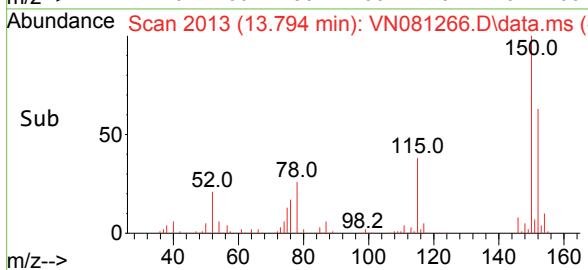
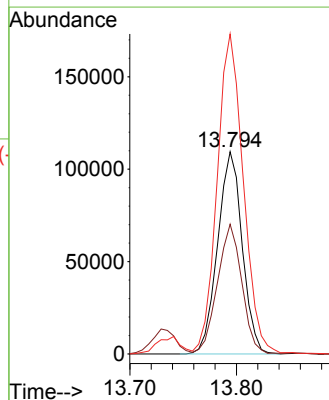
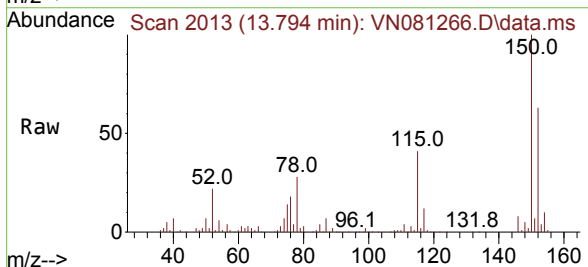
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

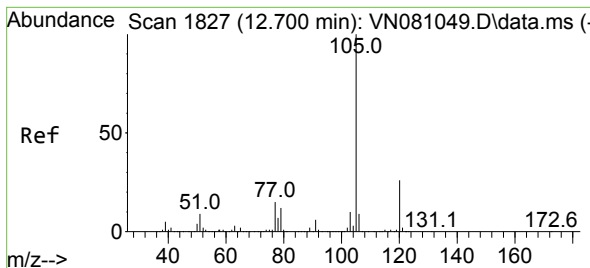
Tgt Ion:173 Resp: 42166
Ion Ratio Lower Upper
173 100
175 46.9 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:152 Resp: 175173
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 168.9 0.0 339.8





#73

Isopropylbenzene

Concen: 19.733 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

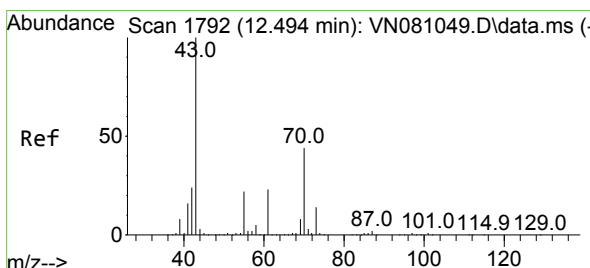
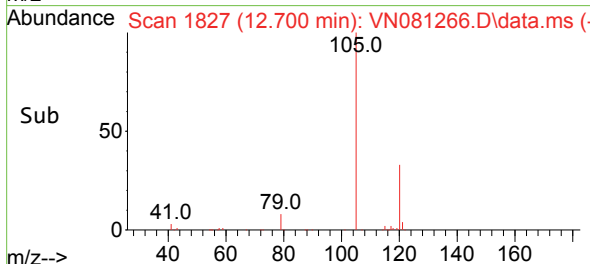
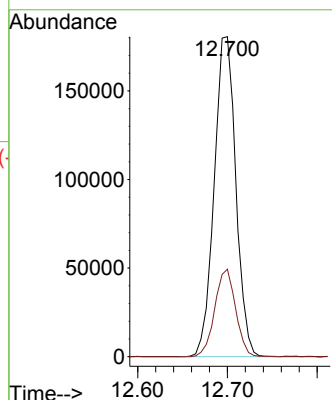
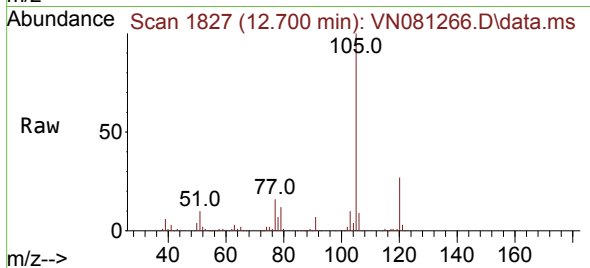
VN0229WBS02

Tgt Ion:105 Resp: 302437

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.6



#74

N-ethyl acetate

Concen: 18.724 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Tgt Ion: 43 Resp: 121284

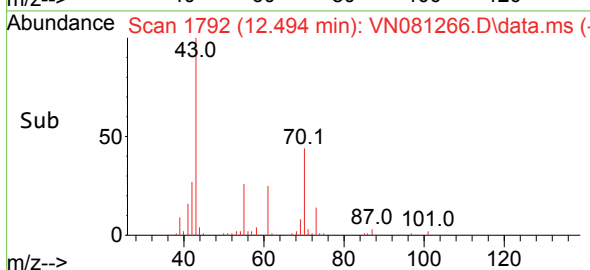
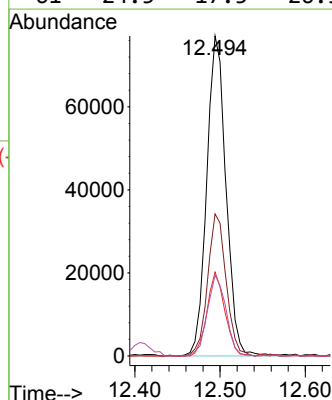
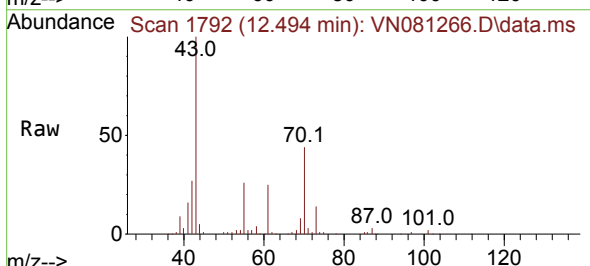
Ion Ratio Lower Upper

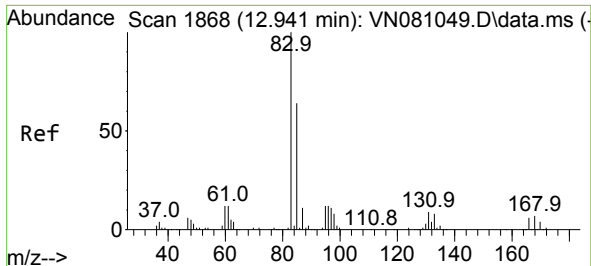
43 100

70 42.6 30.1 45.1

55 24.2 17.0 25.4

61 24.5 17.5 26.3

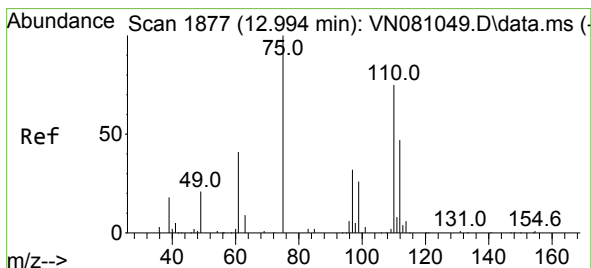
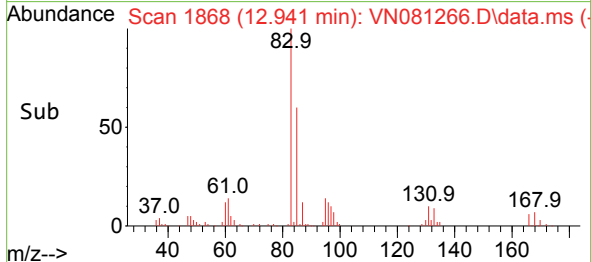
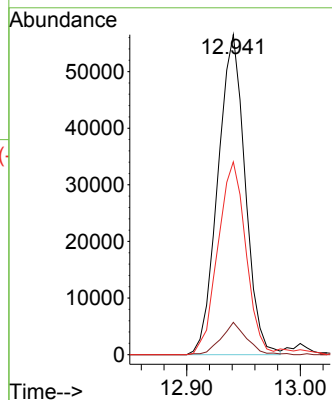
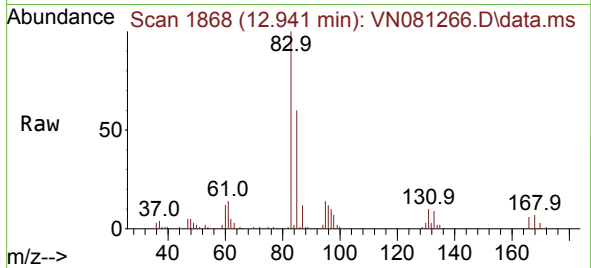




#75
1,1,2,2-Tetrachloroethane
Concen: 21.915 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

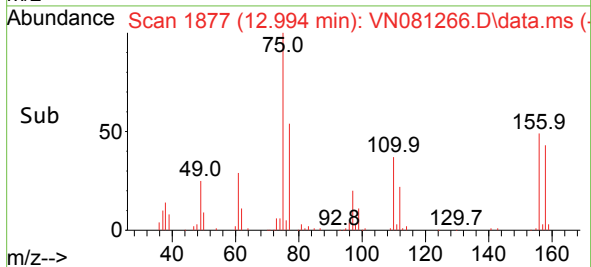
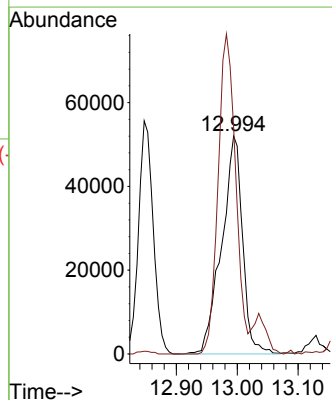
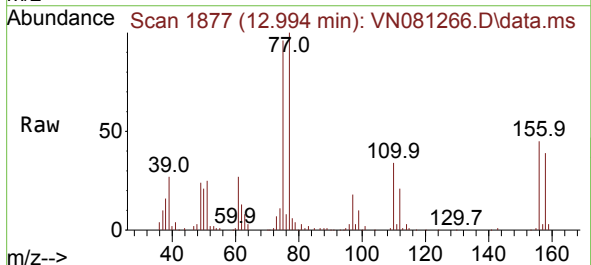
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

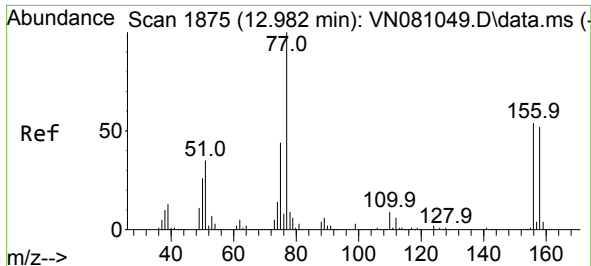
Tgt Ion: 83 Resp: 94447
Ion Ratio Lower Upper
83 100
131 9.5 4.1 12.3
85 61.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 31.258 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 75 Resp: 124409
Ion Ratio Lower Upper
75 100
77 122.8 91.0 272.8

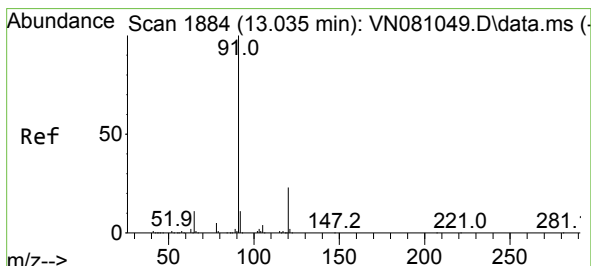
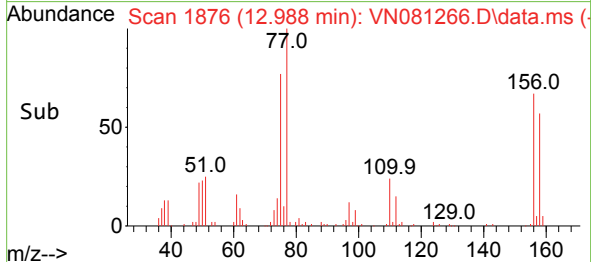
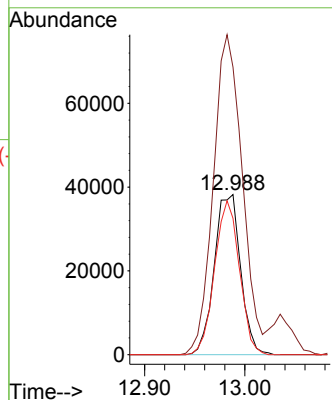
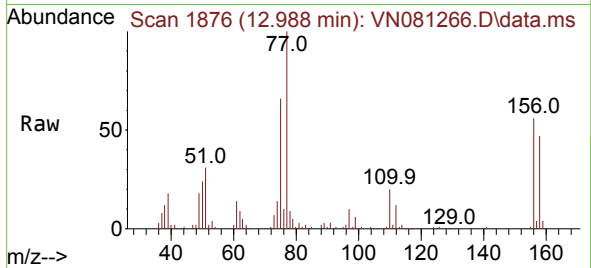




#77
Bromobenzene
Concen: 20.363 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

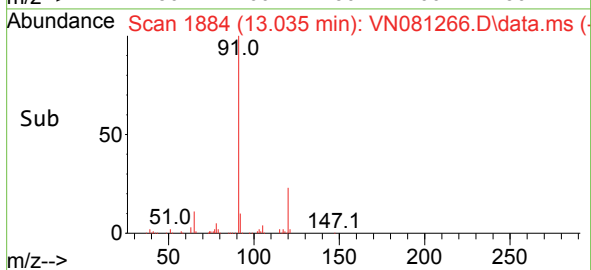
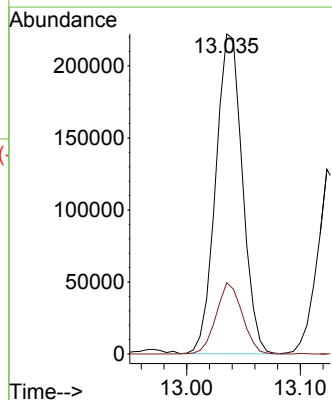
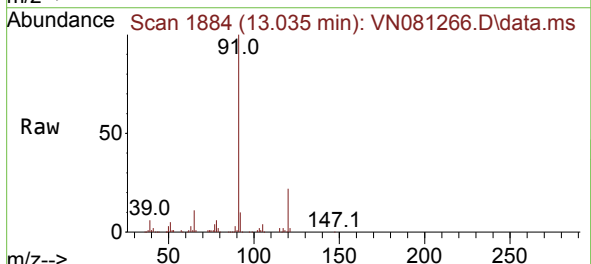
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

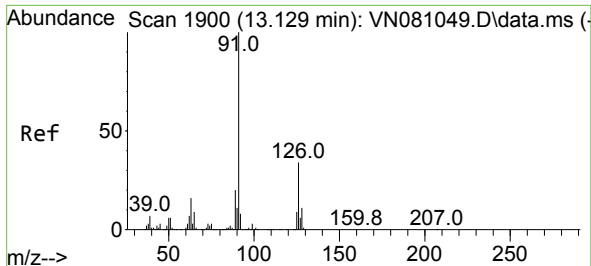
Tgt Ion:156 Resp: 69589
Ion Ratio Lower Upper
156 100
77 219.5 138.1 414.3
158 90.7 46.5 139.5



#78
n-propylbenzene
Concen: 20.566 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 91 Resp: 362862
Ion Ratio Lower Upper
91 100
120 21.7 10.3 30.9

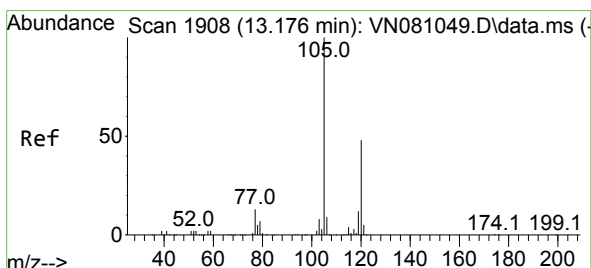
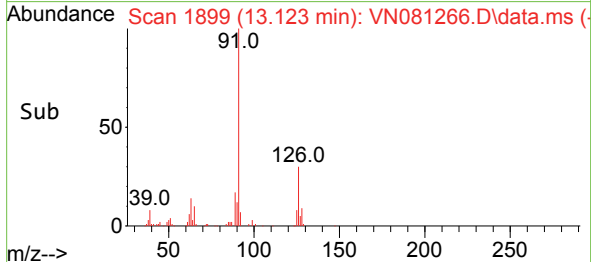
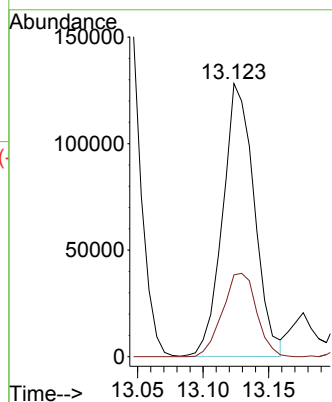
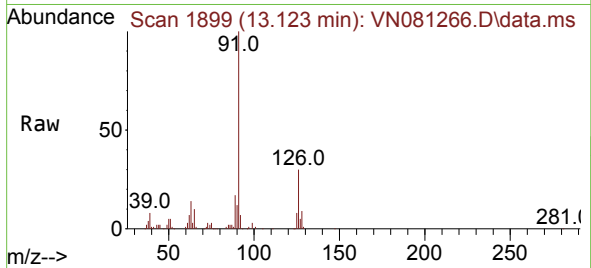




#79
2-Chlorotoluene
Concen: 19.862 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

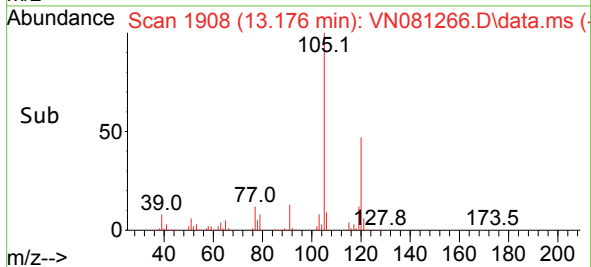
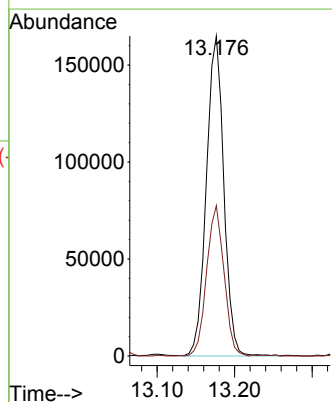
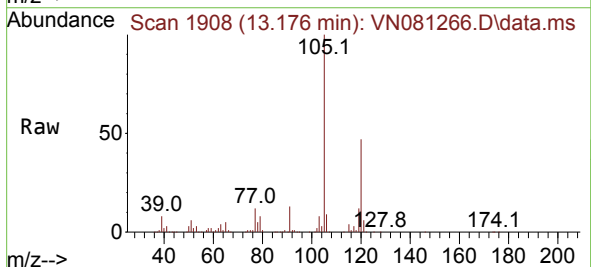
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

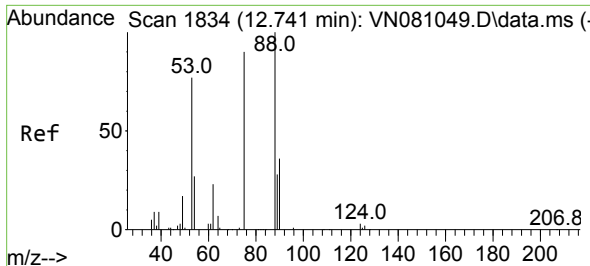
Tgt Ion: 91 Resp: 214947
Ion Ratio Lower Upper
91 100
126 32.8 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 20.735 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 105 Resp: 257671
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0

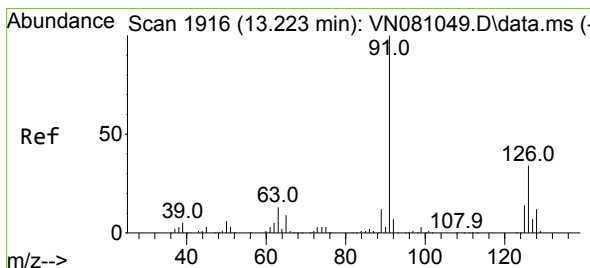
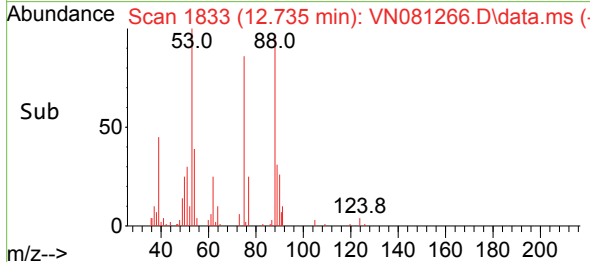
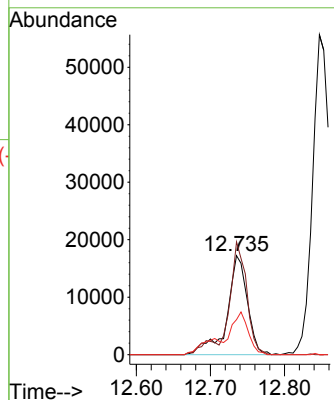
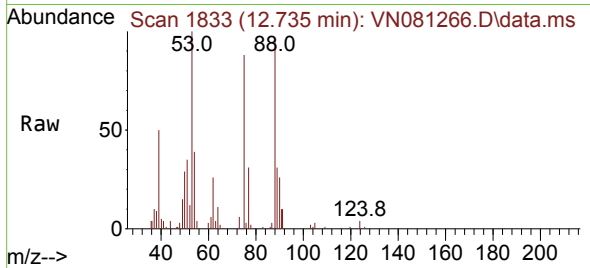




#81
trans-1,4-Dichloro-2-butene
Concen: 21.286 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

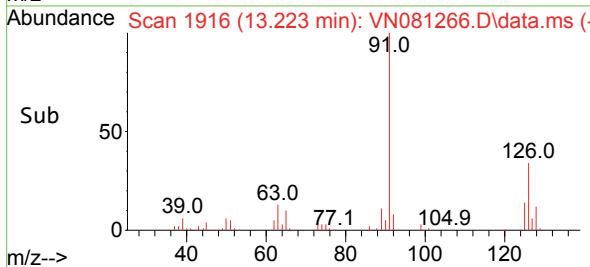
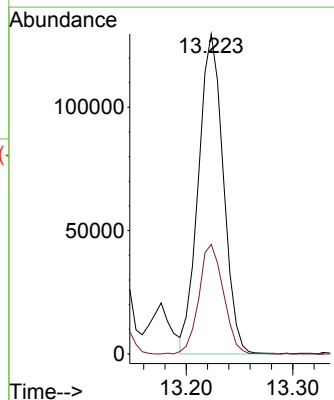
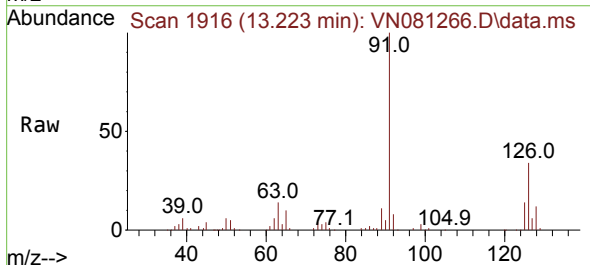
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

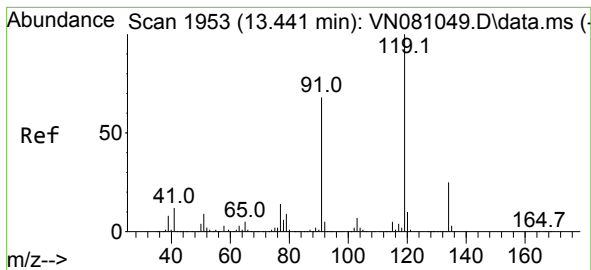
Tgt Ion: 75 Resp: 32914
Ion Ratio Lower Upper
75 100
53 90.1 71.4 107.2
89 35.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.958 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion: 91 Resp: 211187
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9

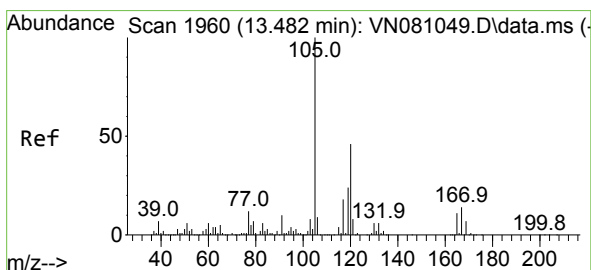
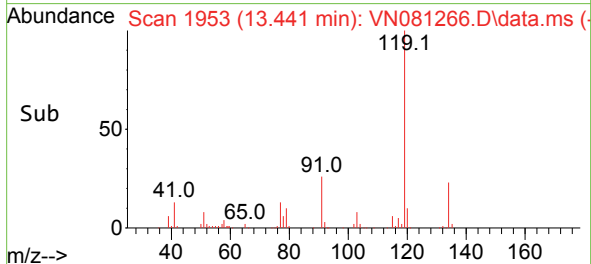
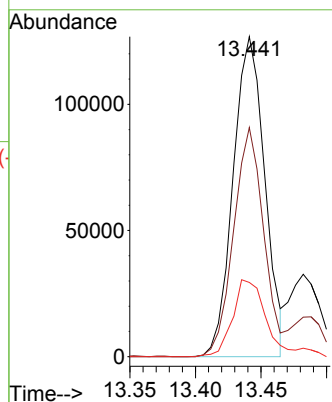
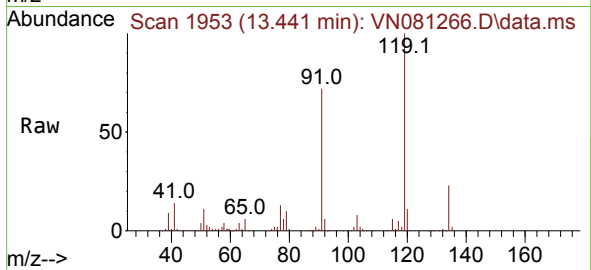




#83
tert-Butylbenzene
Concen: 19.814 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

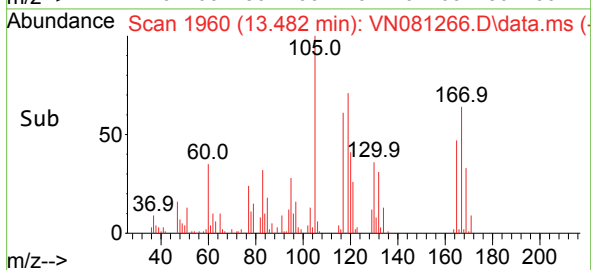
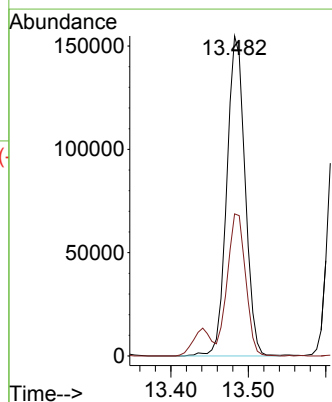
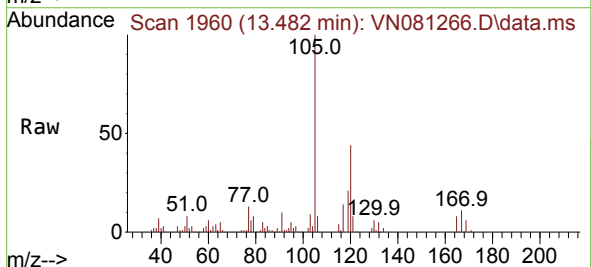
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS02

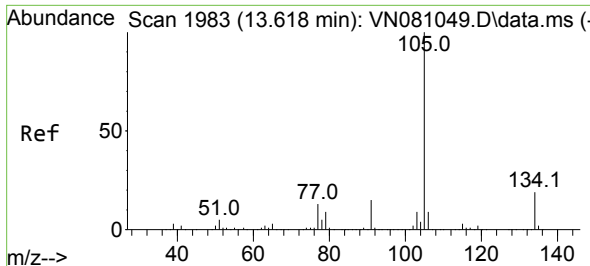
Tgt Ion:119 Resp: 212899
Ion Ratio Lower Upper
119 100
91 69.6 36.8 110.4
134 26.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.491 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081266.D
Acq: 29 Feb 2024 14:02

Tgt Ion:105 Resp: 253744
Ion Ratio Lower Upper
105 100
120 44.2 20.9 62.7

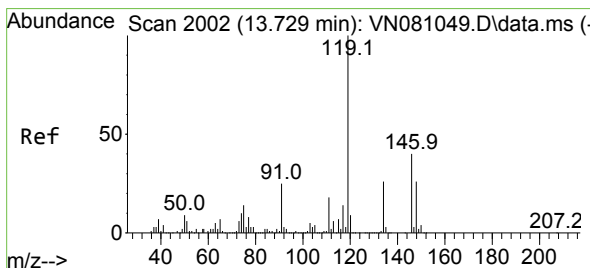
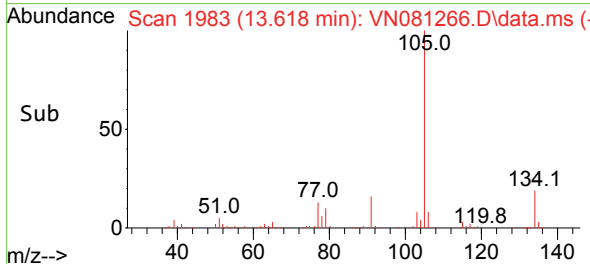
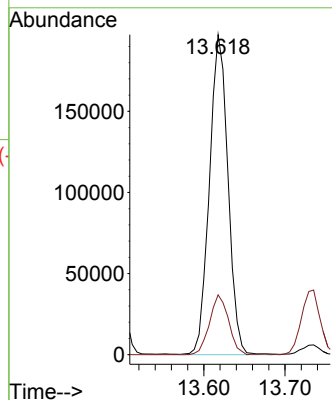
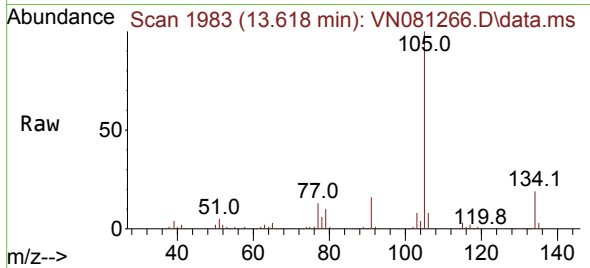




#85
 sec-Butylbenzene
 Concen: 20.967 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

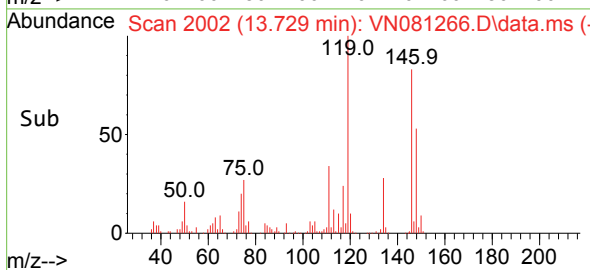
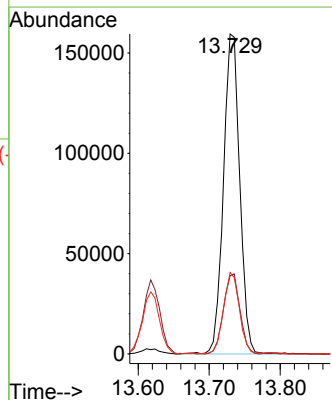
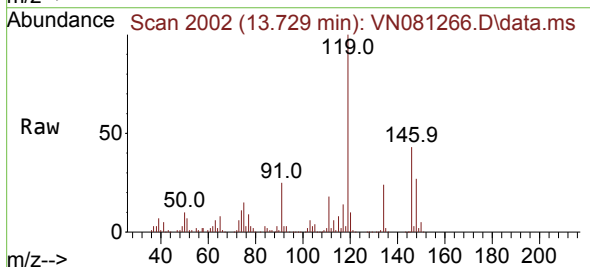
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

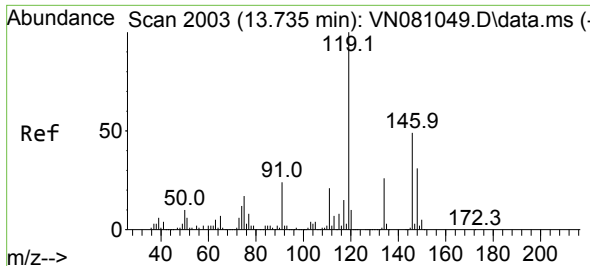
Tgt Ion:105 Resp: 313197
 Ion Ratio Lower Upper
 105 100
 134 19.1 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.412 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion:119 Resp: 253260
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 24.6 13.5 40.4

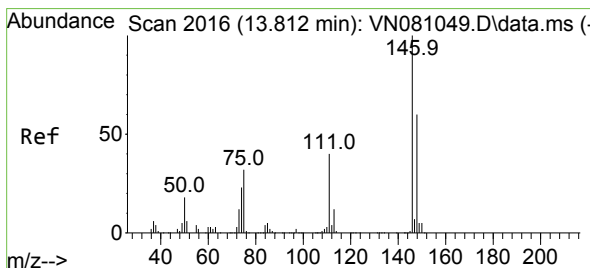
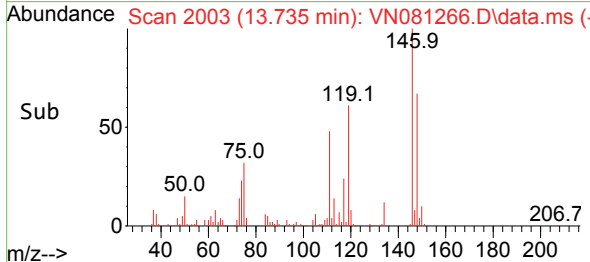
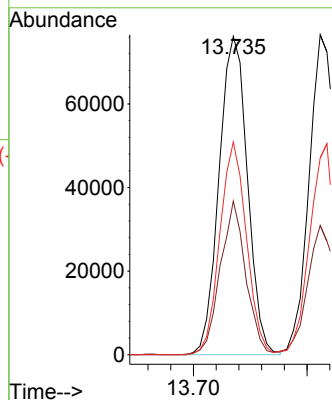
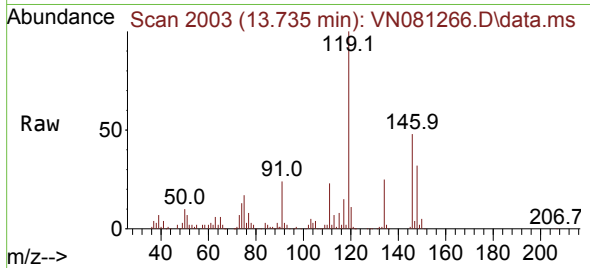




#87
 1,3-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

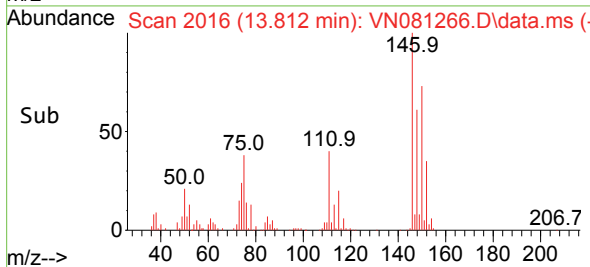
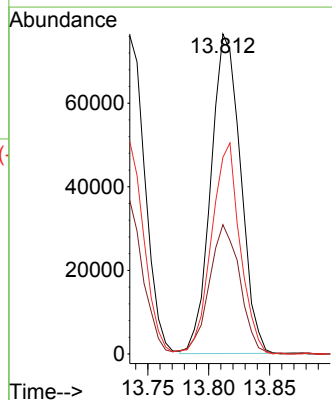
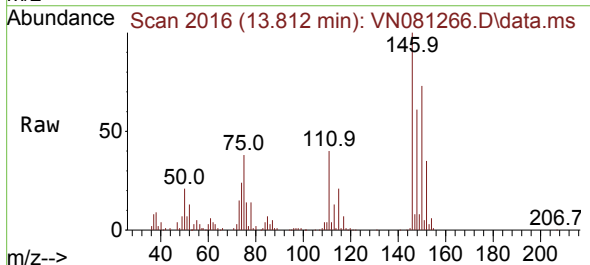
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

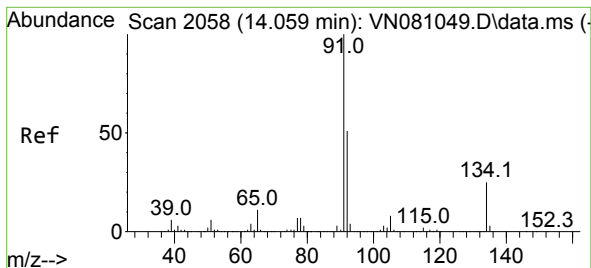
Tgt Ion:146 Resp: 132228
 Ion Ratio Lower Upper
 146 100
 111 43.5 23.9 71.7
 148 62.6 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 20.475 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081266.D
 Acq: 29 Feb 2024 14:02

Tgt Ion:146 Resp: 129908
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.6 67.7
 148 63.5 31.9 95.5





#89

n-Butylbenzene

Concen: 20.232 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

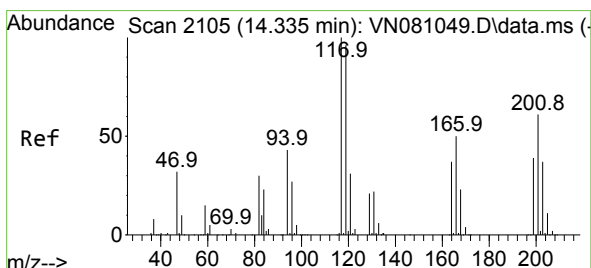
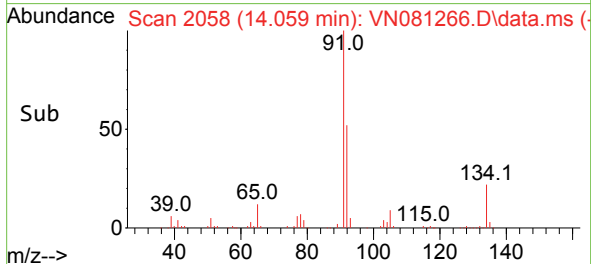
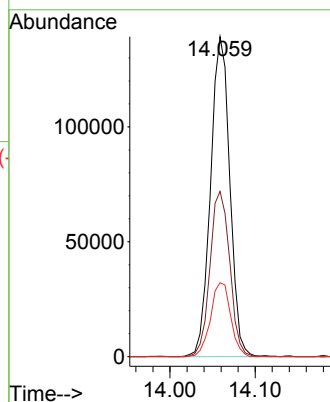
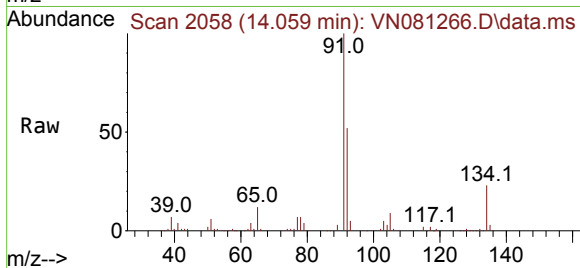
Tgt Ion: 91 Resp: 218700

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 24.3 10.8 32.4



#90

Hexachloroethane

Concen: 21.492 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081266.D

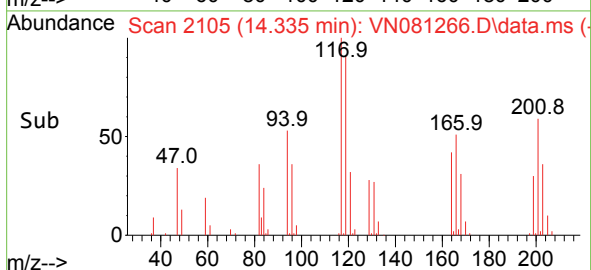
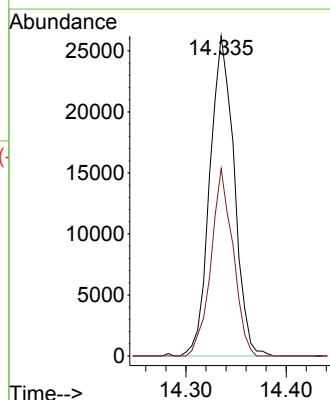
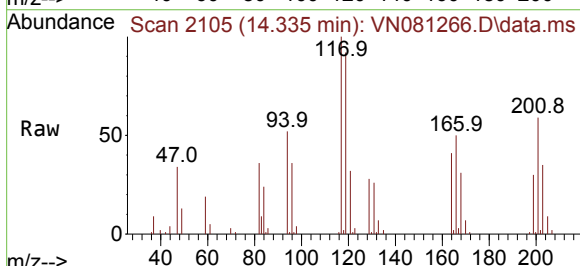
Acq: 29 Feb 2024 14:02

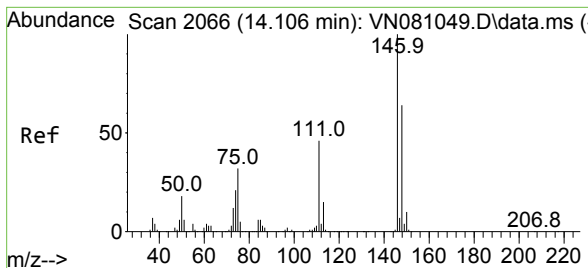
Tgt Ion: 117 Resp: 44078

Ion Ratio Lower Upper

117 100

201 53.1 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 20.918 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

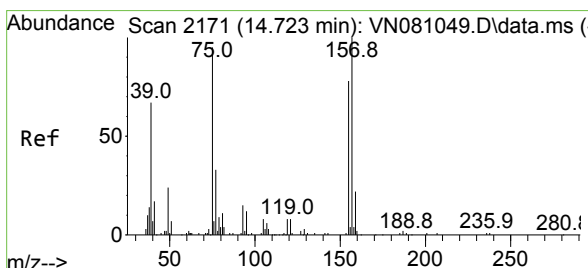
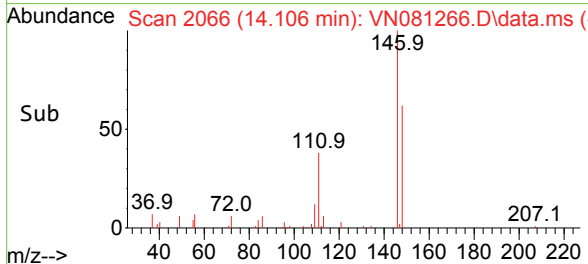
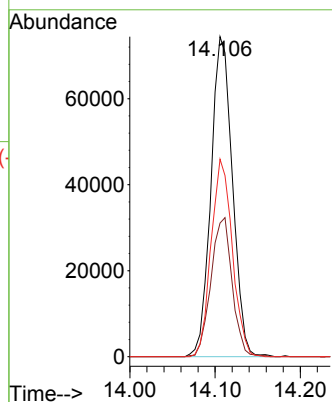
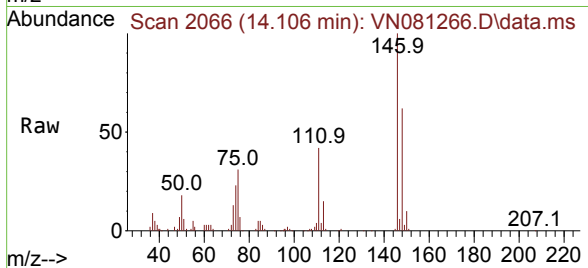
Tgt Ion:146 Resp: 130270

Ion Ratio Lower Upper

146 100

111 42.9 23.9 71.8

148 60.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.780 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

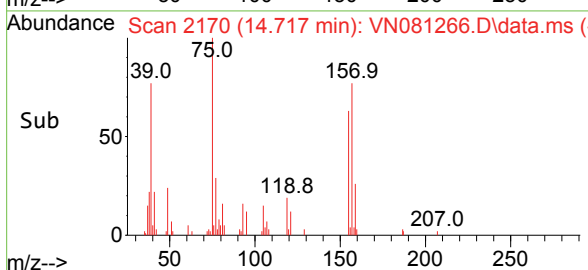
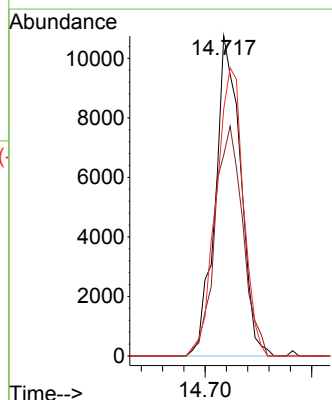
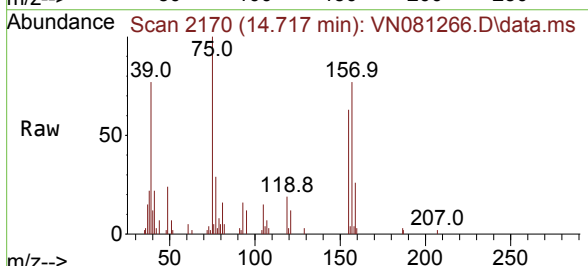
Tgt Ion: 75 Resp: 17723

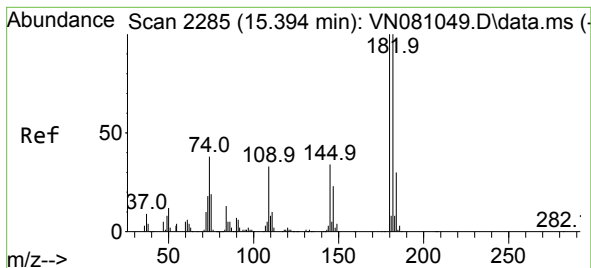
Ion Ratio Lower Upper

75 100

155 79.3 31.8 95.4

157 97.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.529 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

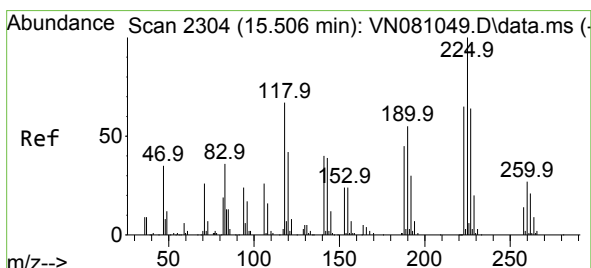
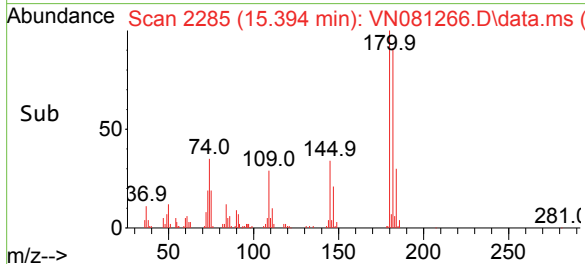
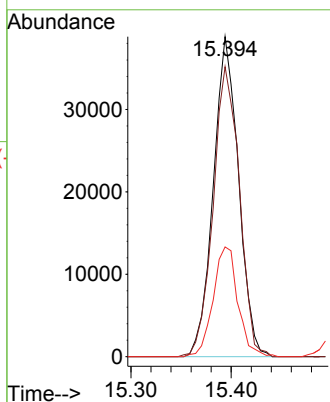
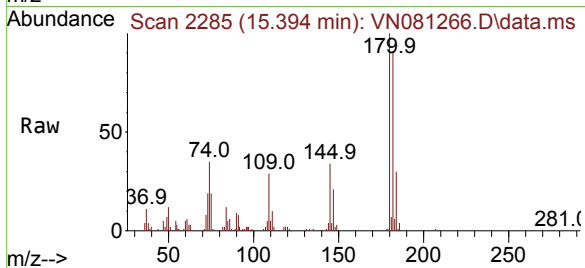
Tgt Ion:180 Resp: 67852

Ion Ratio Lower Upper

180 100

182 94.3 46.6 139.7

145 33.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 21.134 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

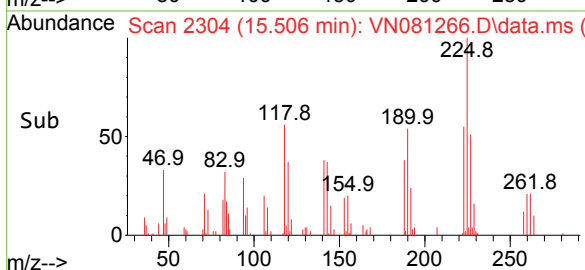
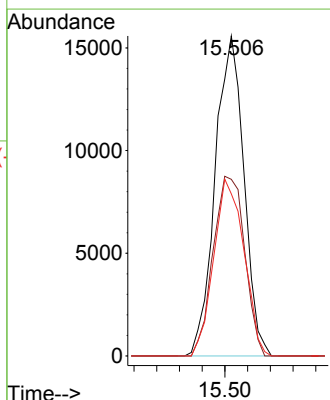
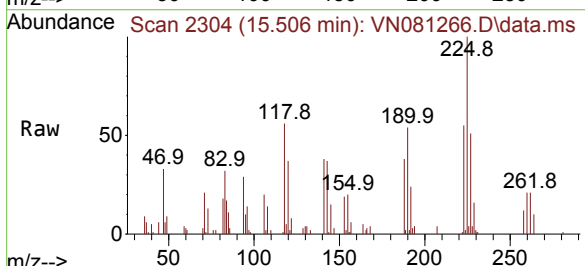
Tgt Ion:225 Resp: 27384

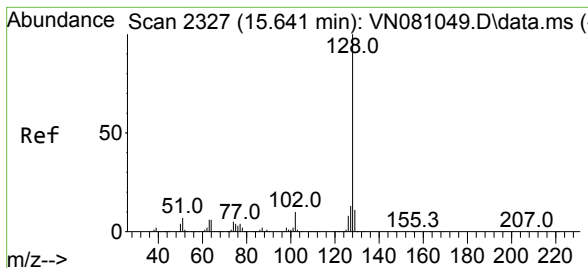
Ion Ratio Lower Upper

225 100

223 61.4 33.3 99.8

227 58.1 33.1 99.2





#95

Naphthalene

Concen: 18.688 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS02

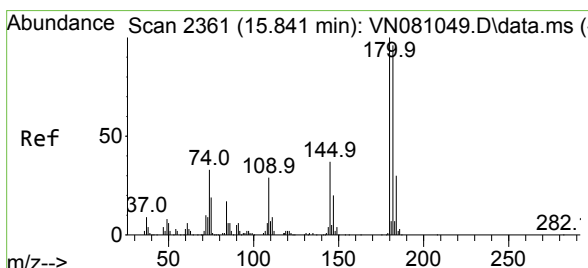
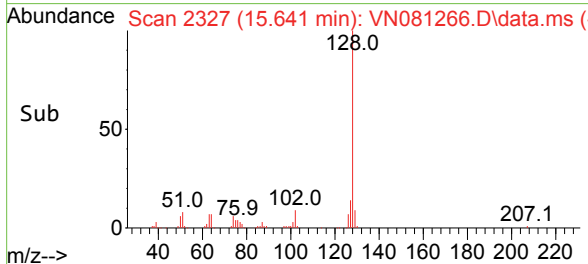
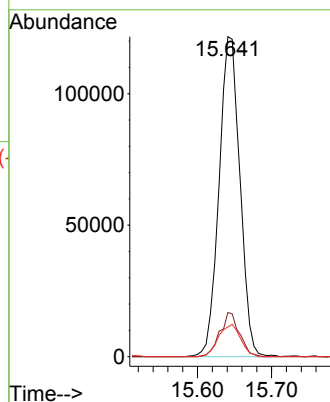
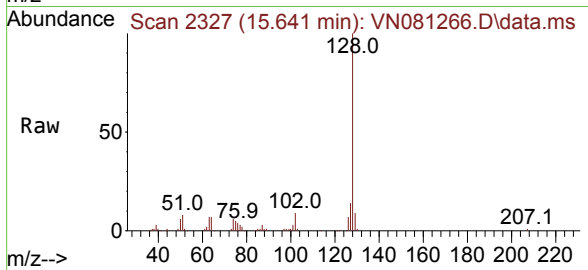
Tgt Ion:128 Resp: 237926

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.684 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081266.D

Acq: 29 Feb 2024 14:02

Tgt Ion:180 Resp: 67845

Ion Ratio Lower Upper

180 100

182 95.5 46.5 139.3

145 38.3 17.8 53.4

