

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082164.D
 Acq On : 16 May 2024 16:07
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Quant Time: May 17 05:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152138	49.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.480%
35) Dibromofluoromethane	8.171	113	102493	48.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	10.565	98	397978	49.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	138692	48.038	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57385	20.341	ug/l	99
3) Chloromethane	2.365	50	58611	18.331	ug/l	99
4) Vinyl Chloride	2.518	62	57834	19.241	ug/l	91
5) Bromomethane	2.965	94	19650	11.373	ug/l	97
6) Chloroethane	3.124	64	38972	19.857	ug/l	99
7) Trichlorofluoromethane	3.500	101	79443	20.184	ug/l	100
8) Diethyl Ether	3.965	74	28130	20.062	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	43824	19.060	ug/l	97
10) Methyl Iodide	4.589	142	21525	9.312	ug/l	95
11) Tert butyl alcohol	5.518	59	41180	83.026	ug/l	99
12) 1,1-Dichloroethene	4.342	96	41606	19.469	ug/l #	75
13) Acrolein	4.183	56	21193	57.661	ug/l	99
14) Allyl chloride	5.018	41	91525	20.004	ug/l #	85
15) Acrylonitrile	5.718	53	121250	94.391	ug/l	99
16) Acetone	4.424	43	109007	86.001	ug/l	90
17) Carbon Disulfide	4.712	76	127587	18.485	ug/l	99
18) Methyl Acetate	5.018	43	58512	18.537	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	152368	19.506	ug/l	93
20) Methylene Chloride	5.271	84	48968	19.148	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	44258	19.004	ug/l #	81
22) Diisopropyl ether	6.671	45	184981	19.361	ug/l #	92
23) Vinyl Acetate	6.606	43	800805	106.310	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	94587	19.207	ug/l	98
25) 2-Butanone	7.483	43	178237	92.748	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	73763	17.883	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	52193	18.990	ug/l	80
28) Bromochloromethane	7.818	49	38859	16.933	ug/l #	73
29) Tetrahydrofuran	7.841	42	118257	95.843	ug/l #	81
30) Chloroform	7.965	83	90403	19.224	ug/l	99
31) Cyclohexane	8.253	56	88347	17.902	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	81304	19.488	ug/l	91
36) 1,1-Dichloropropene	8.371	75	64758	18.301	ug/l	96
37) Ethyl Acetate	7.559	43	75274	19.008	ug/l	95
38) Carbon Tetrachloride	8.365	117	68028	18.965	ug/l	93
39) Methylcyclohexane	9.600	83	73683	18.997	ug/l #	83
40) Benzene	8.606	78	199414	18.898	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42295	18.161	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78274	19.287	ug/l	95
43) Isopropyl Acetate	8.688	43	132079	18.823	ug/l #	89
44) Trichloroethene	9.353	130	44179	18.432	ug/l	88
45) 1,2-Dichloropropane	9.624	63	50628	18.596	ug/l	92
46) Dibromomethane	9.712	93	33184	18.565	ug/l	98
47) Bromodichloromethane	9.888	83	70876	18.783	ug/l #	95
48) Methyl methacrylate	9.682	41	62979	18.836	ug/l #	81
49) 1,4-Dioxane	9.694	88	16170	345.125	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	381685	95.737	ug/l	89
52) Toluene	10.629	92	122688	19.375	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	74001	18.962	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	77117	18.668	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	44156	19.188	ug/l	97
56) Ethyl methacrylate	10.876	69	75239	19.258	ug/l #	64
57) 1,3-Dichloropropane	11.165	76	79943	18.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	190613	94.587	ug/l	89
59) 2-Hexanone	11.194	43	274197	93.930	ug/l	89
60) Dibromochloromethane	11.359	129	49610	19.535	ug/l	100
61) 1,2-Dibromoethane	11.471	107	44825	18.965	ug/l	100
64) Tetrachloroethene	11.106	164	45685	20.263	ug/l	95
65) Chlorobenzene	11.894	112	127435	18.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	43329	19.575	ug/l	99
67) Ethyl Benzene	11.965	91	230732	19.194	ug/l	93
68) m/p-Xylenes	12.070	106	169480	38.468	ug/l	92
69) o-Xylene	12.400	106	81077	18.998	ug/l	91
70) Styrene	12.412	104	136571	19.266	ug/l	96
71) Bromoform	12.582	173	30438	19.146	ug/l #	98
73) Isopropylbenzene	12.694	105	212329	19.252	ug/l	98
74) N-amyl acetate	12.494	43	113373	18.689	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	58588	18.429	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	81223	27.798	ug/l	69
77) Bromobenzene	12.982	156	50246	19.117	ug/l	89
78) n-propylbenzene	13.035	91	250863	19.209	ug/l	97
79) 2-Chlorotoluene	13.123	91	153848	18.760	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	175782	19.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18868	15.104	ug/l #	81
82) 4-Chlorotoluene	13.223	91	152133	18.974	ug/l	93
83) tert-Butylbenzene	13.441	119	150353	19.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	177116	19.413	ug/l	97
85) sec-Butylbenzene	13.617	105	210329	19.450	ug/l	97
86) p-Isopropyltoluene	13.729	119	171983	19.569	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	90722	19.053	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	90575	18.637	ug/l	97
89) n-Butylbenzene	14.059	91	151746	19.211	ug/l	98
90) Hexachloroethane	14.335	117	26088	16.022	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	87520	19.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11904	18.224	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	47517	18.808	ug/l	98
94) Hexachlorobutadiene	15.500	225	20109	18.139	ug/l	99
95) Naphthalene	15.641	128	158243	19.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48362	19.121	ug/l	96

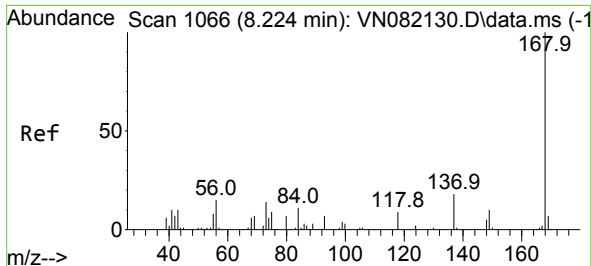
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
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QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

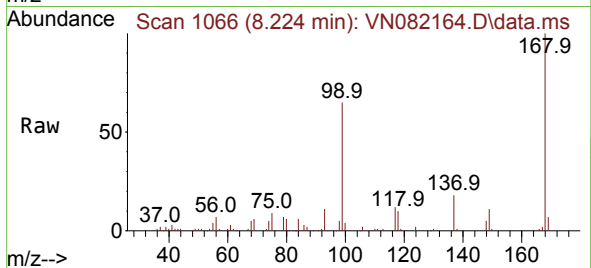
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

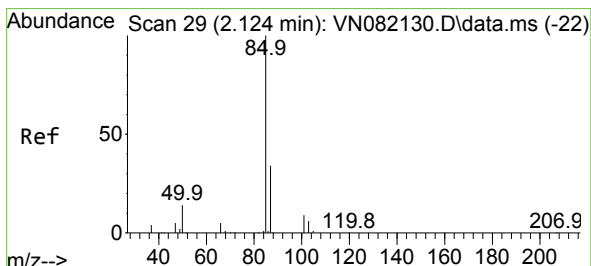
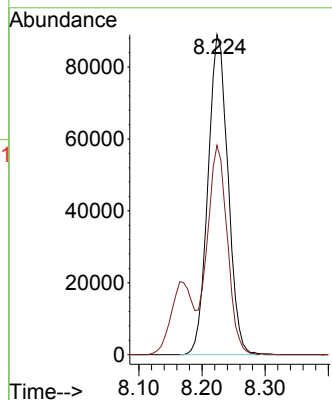
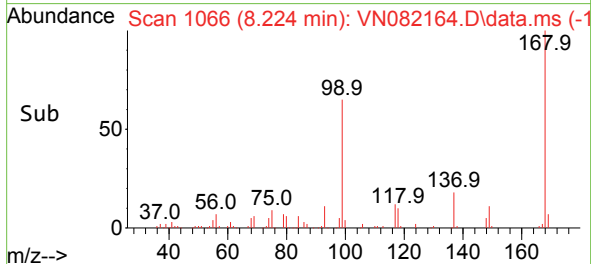


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082164.D
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Instrument :
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ClientSampleId :
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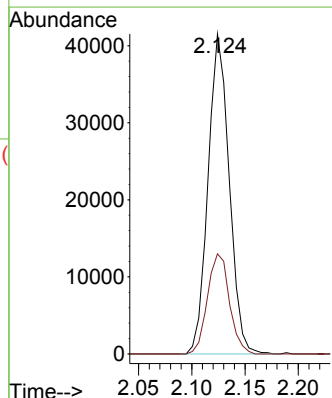
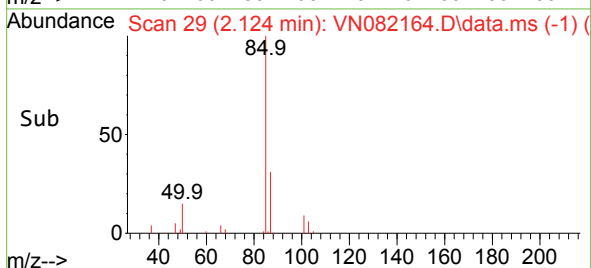
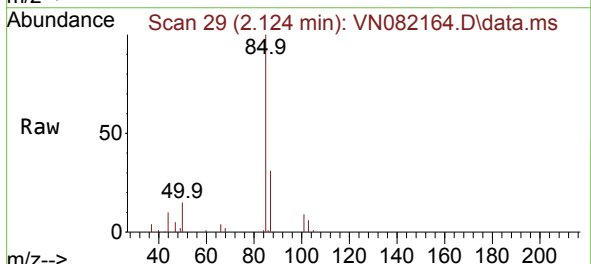


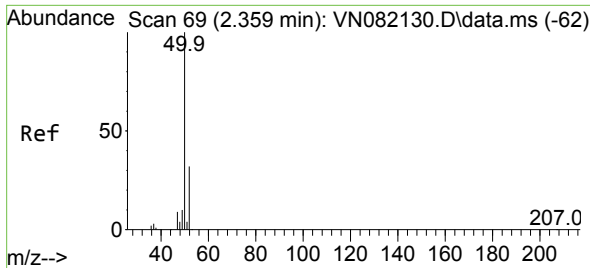
Tgt Ion:168 Resp: 195680
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 20.341 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 85 Resp: 57385
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4

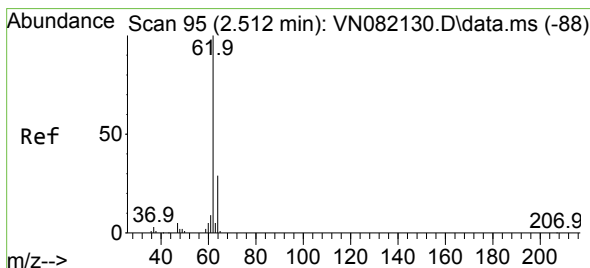
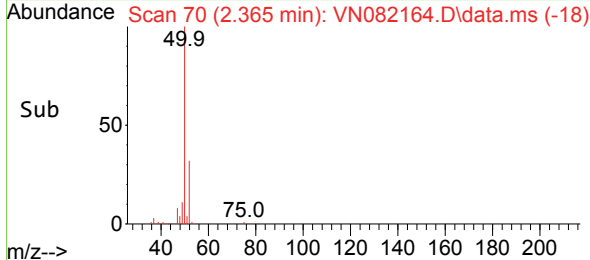
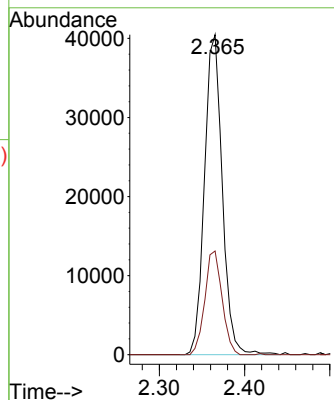
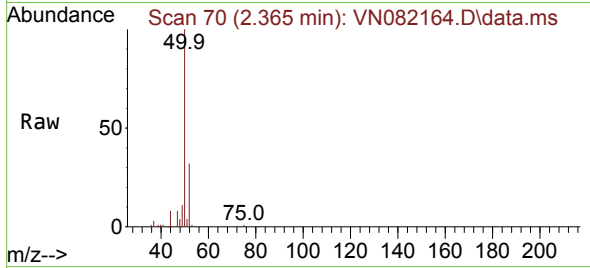




#3
Chloromethane
Concen: 18.331 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

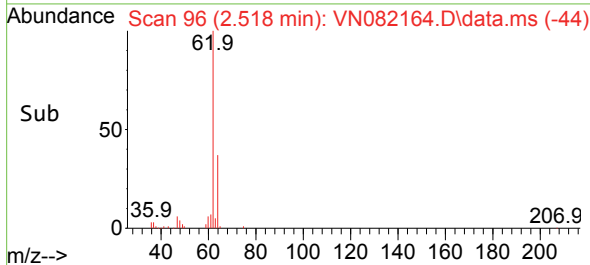
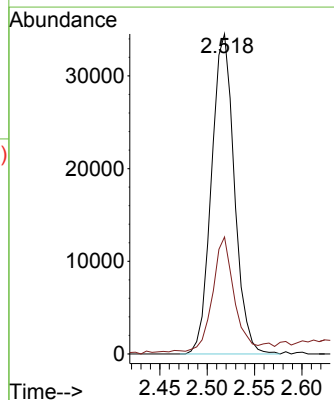
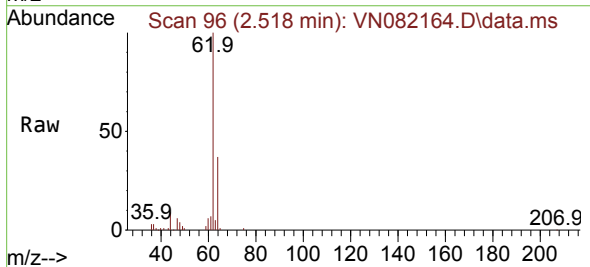
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

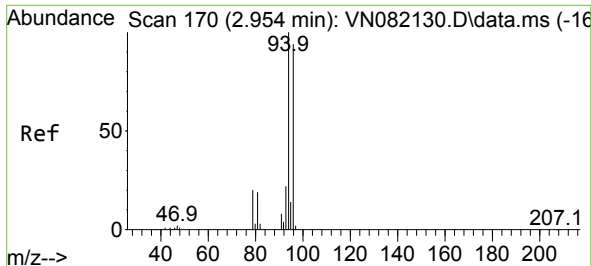
Tgt Ion: 50 Resp: 58611
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 19.241 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 62 Resp: 57834
Ion Ratio Lower Upper
62 100
64 35.6 24.6 37.0

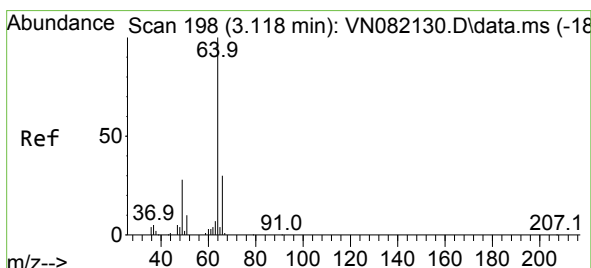
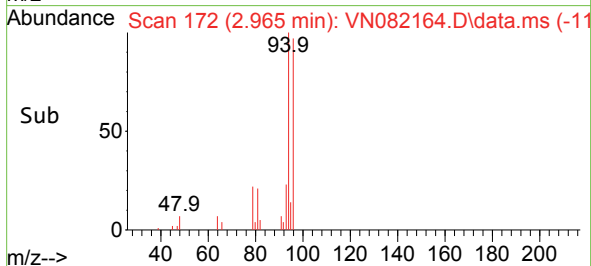
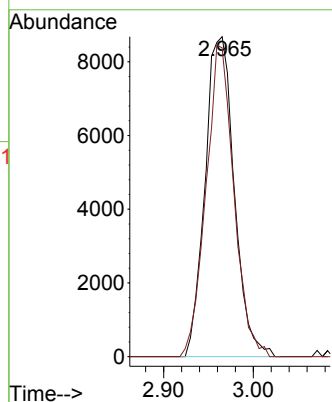
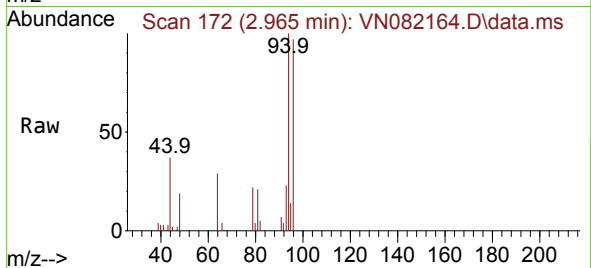




#5
Bromomethane
Concen: 11.373 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

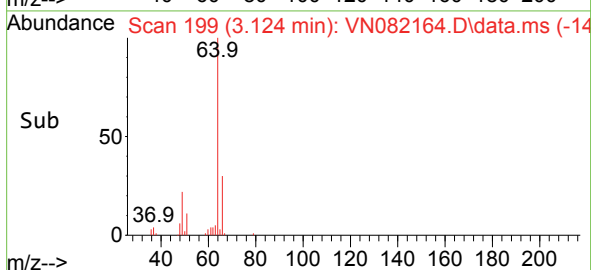
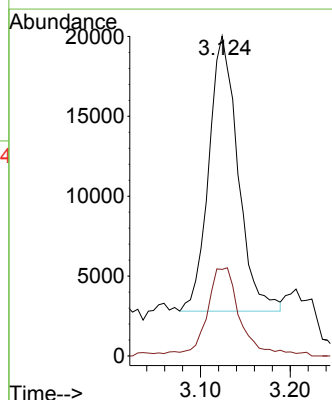
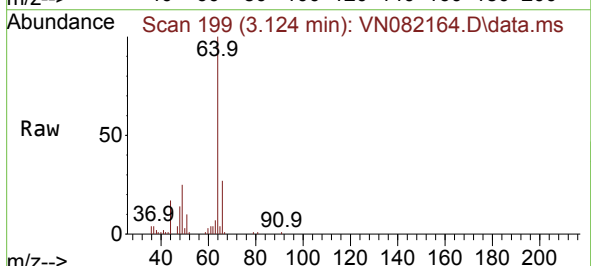
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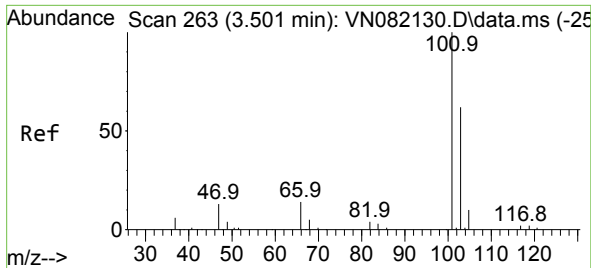
Tgt Ion: 94 Resp: 19650
Ion Ratio Lower Upper
94 100
96 96.5 74.8 112.2



#6
Chloroethane
Concen: 19.857 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 64 Resp: 38972
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1

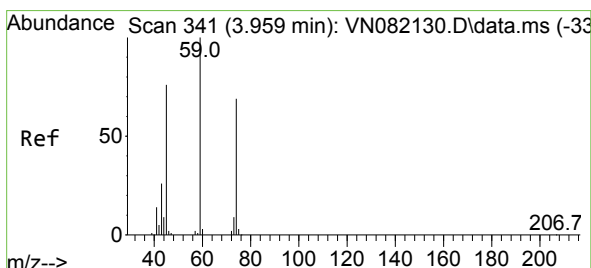
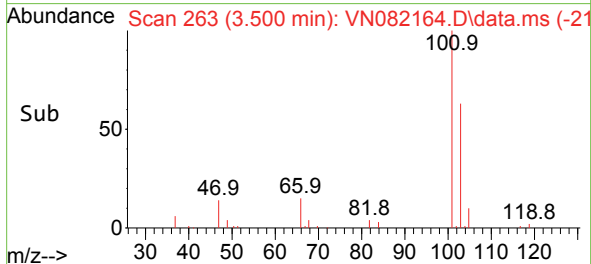
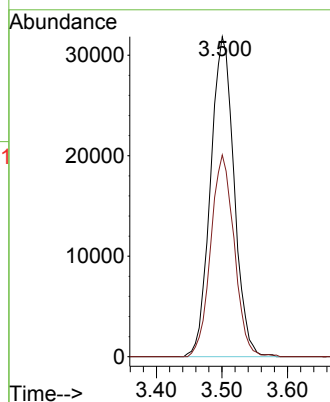
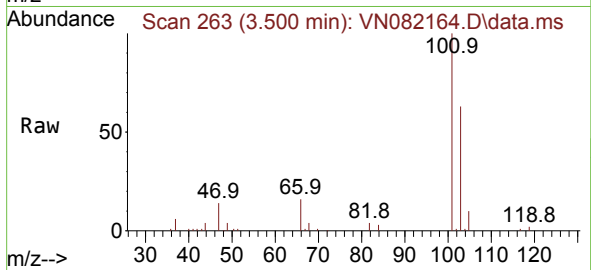




#7
Trichlorofluoromethane
Concen: 20.184 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

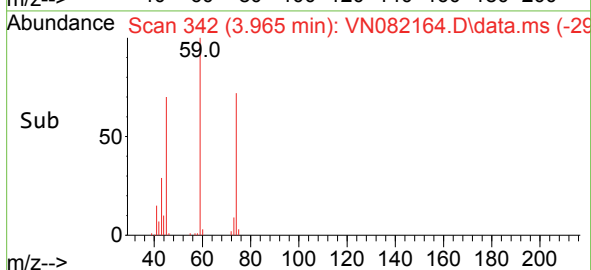
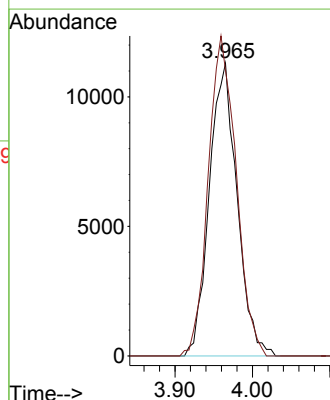
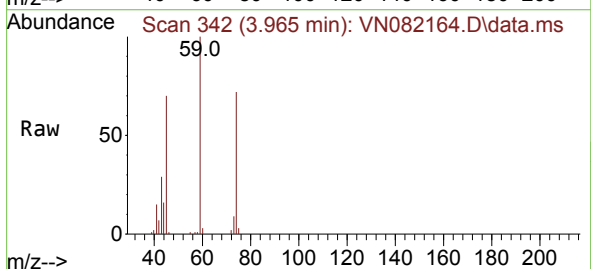
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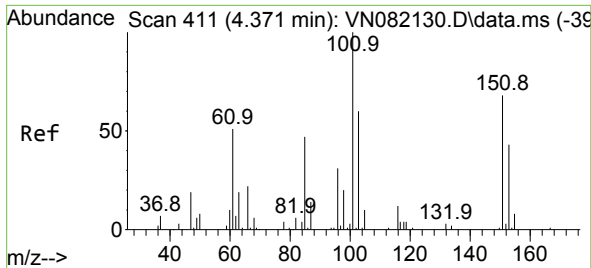
Tgt Ion:101 Resp: 79443
Ion Ratio Lower Upper
101 100
103 63.0 50.6 75.8



#8
Diethyl Ether
Concen: 20.062 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 74 Resp: 28130
Ion Ratio Lower Upper
74 100
45 109.9 42.4 127.3

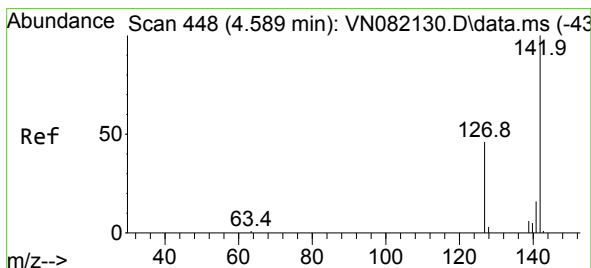
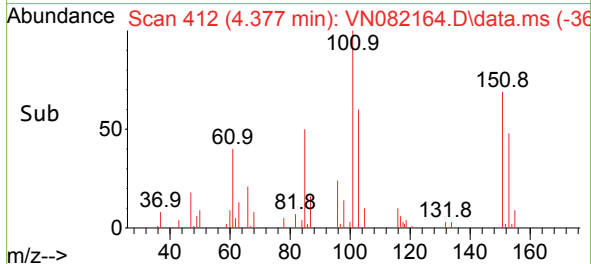
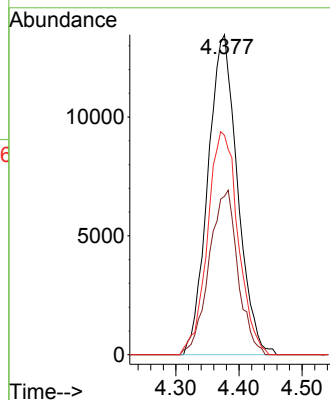
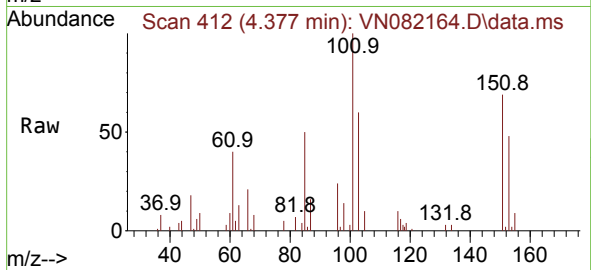




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.060 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082164.D
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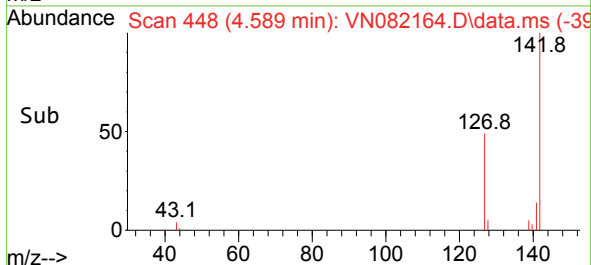
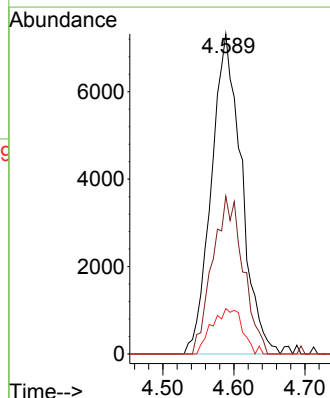
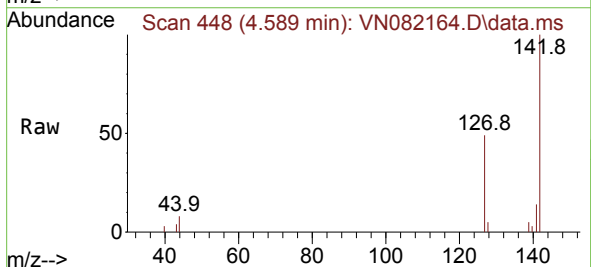
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

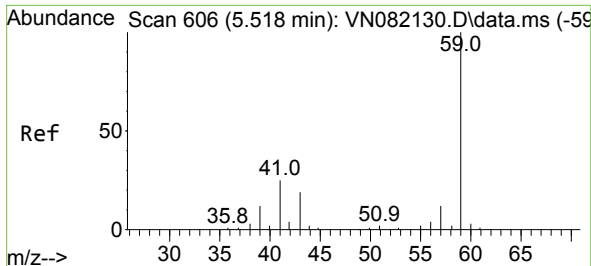
Tgt Ion:101 Resp: 43824
Ion Ratio Lower Upper
101 100
85 50.0 37.3 55.9
151 72.1 59.2 88.8



#10
Methyl Iodide
Concen: 9.312 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion:142 Resp: 21525
Ion Ratio Lower Upper
142 100
127 49.3 35.8 53.6
141 14.2 11.4 17.2

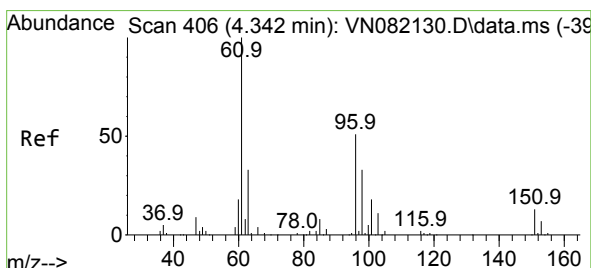
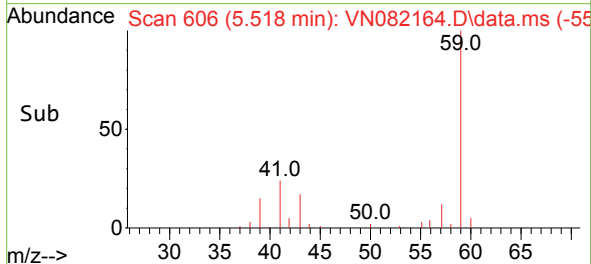
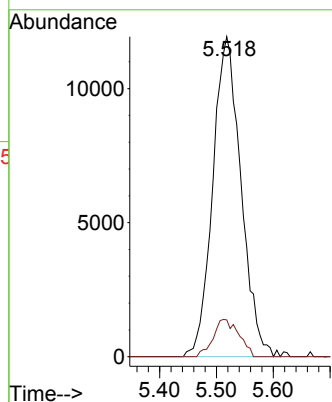
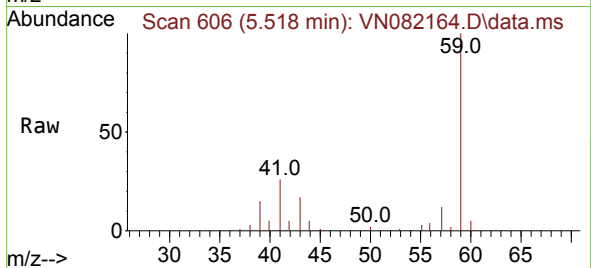




#11
Tert butyl alcohol
Concen: 83.026 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

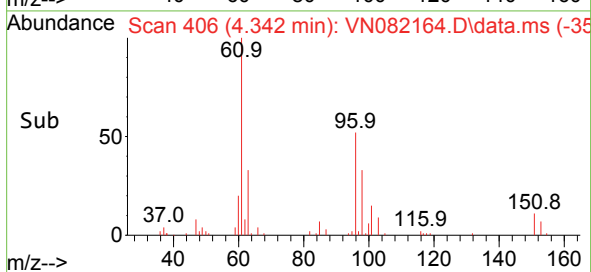
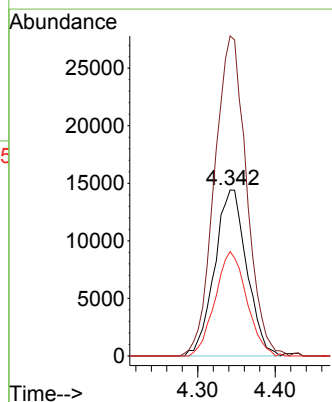
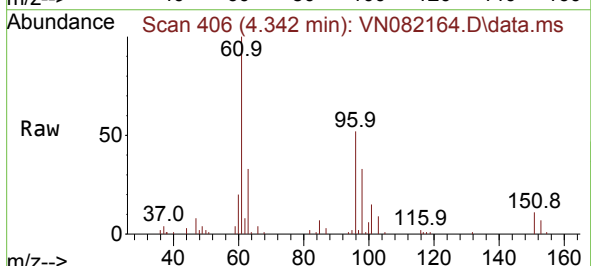
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

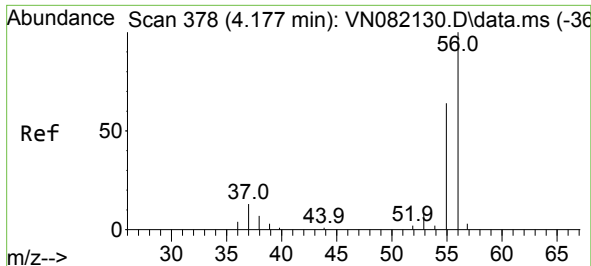
Tgt Ion: 59 Resp: 41180
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.469 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 96 Resp: 41606
Ion Ratio Lower Upper
96 100
61 192.9 119.7 179.5#
98 62.9 49.6 74.4

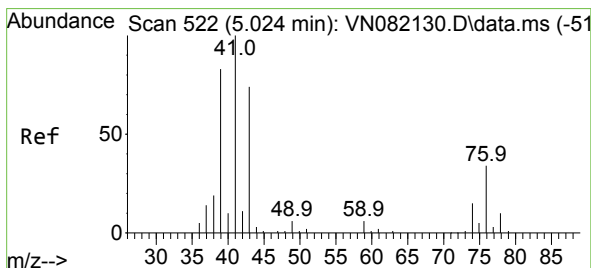
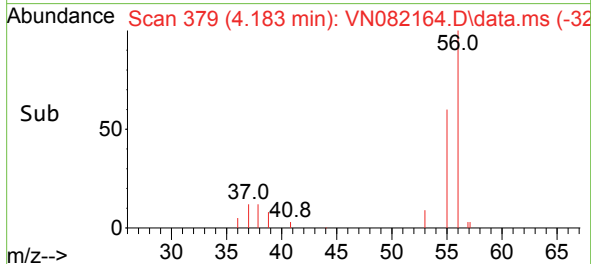
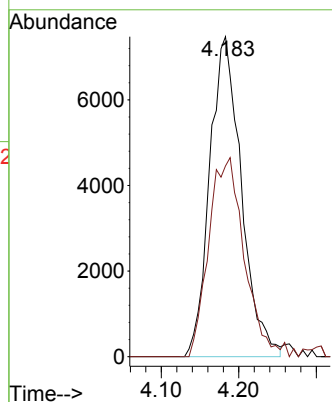
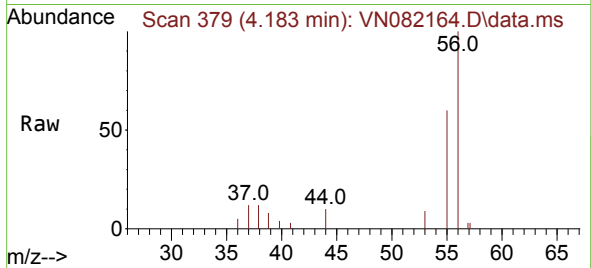




#13
Acrolein
Concen: 57.661 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

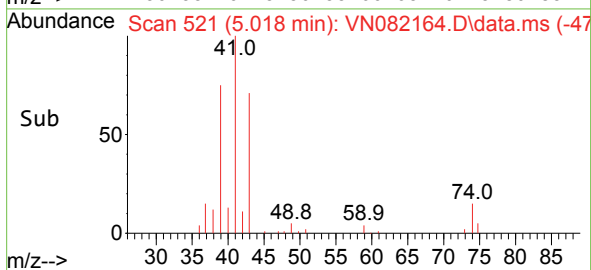
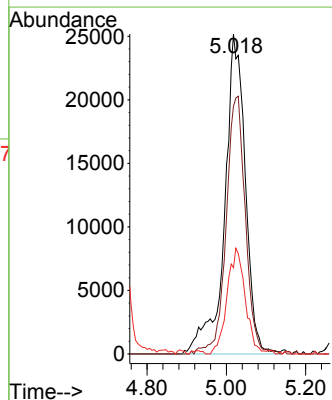
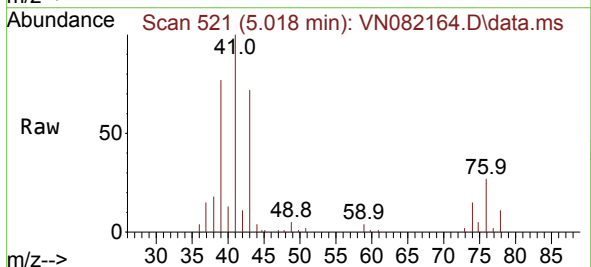
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

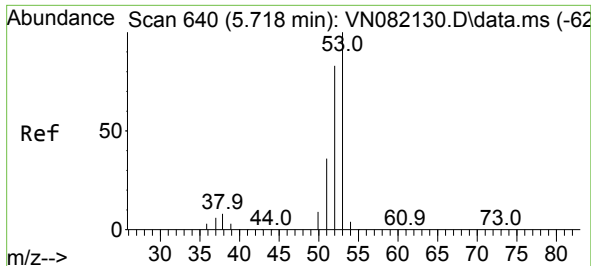
Tgt Ion: 56 Resp: 21193
Ion Ratio Lower Upper
56 100
55 70.2 55.8 83.8



#14
Allyl chloride
Concen: 20.004 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 41 Resp: 91525
Ion Ratio Lower Upper
41 100
39 74.3 65.4 98.0
76 28.9 37.3 55.9#

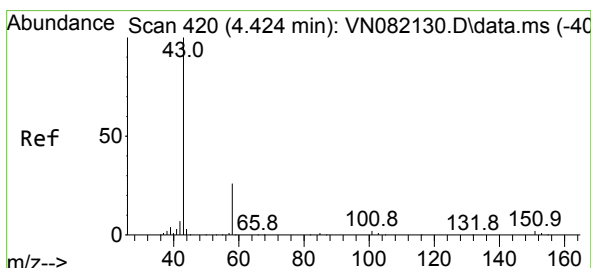
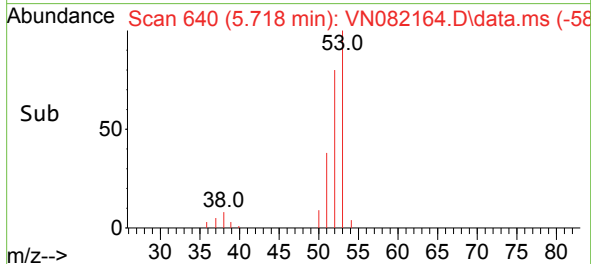
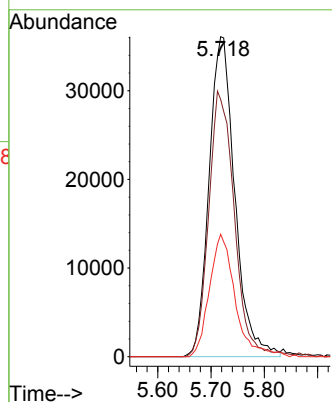
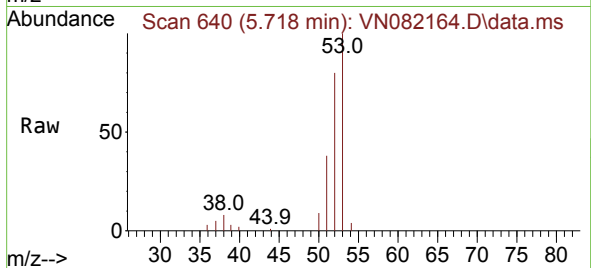




#15
Acrylonitrile
Concen: 94.391 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

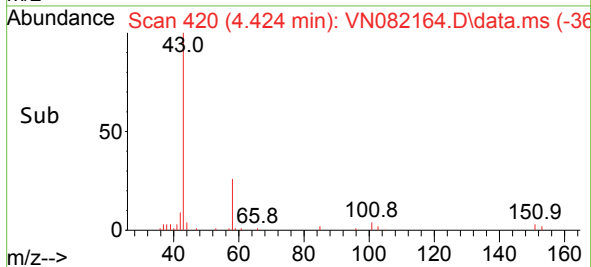
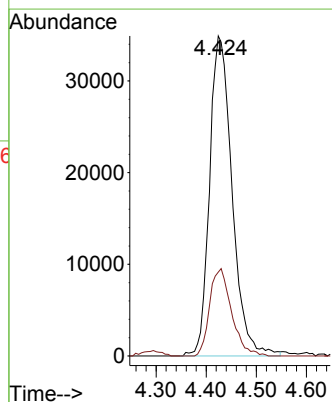
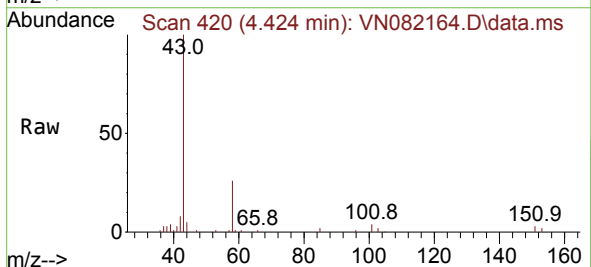
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

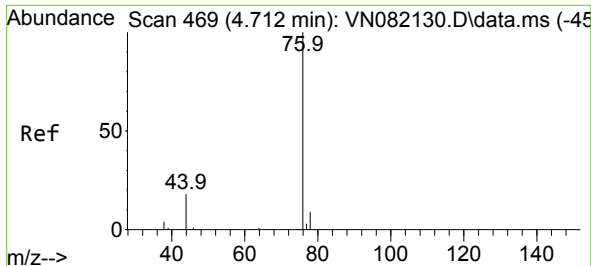
Tgt Ion: 53 Resp: 121250
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 38.2 29.4 44.2



#16
Acetone
Concen: 86.001 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 43 Resp: 109007
Ion Ratio Lower Upper
43 100
58 26.2 25.2 37.8

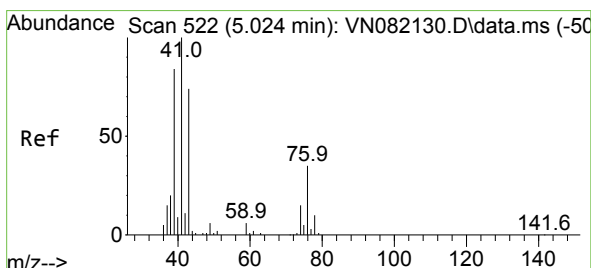
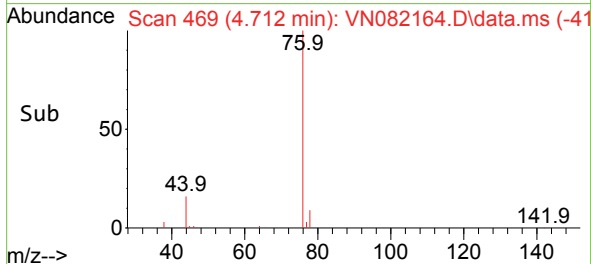
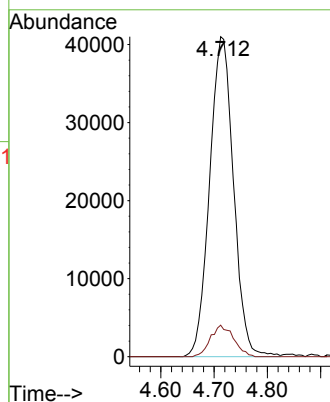
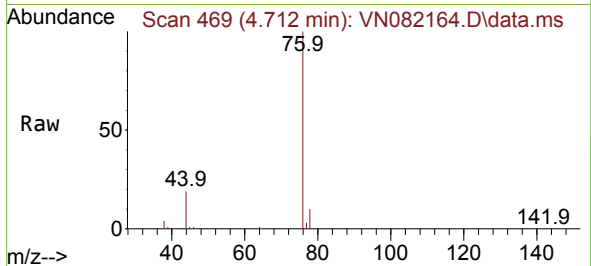




#17
Carbon Disulfide
Concen: 18.485 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

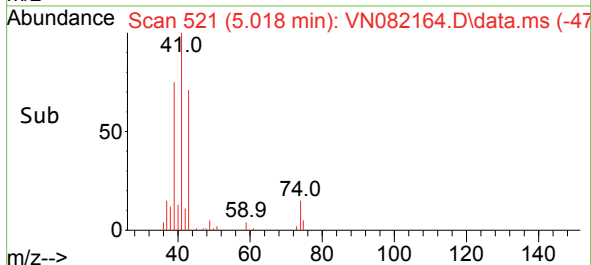
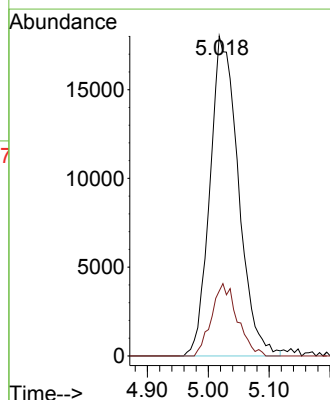
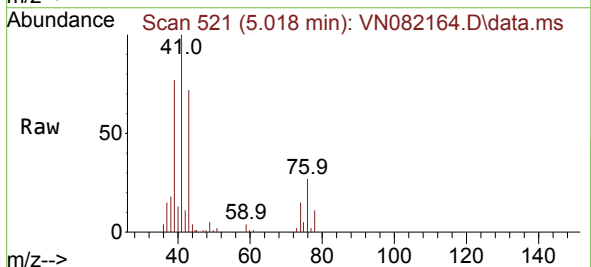
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

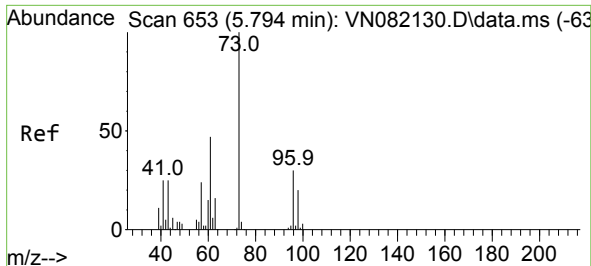
Tgt Ion: 76 Resp: 127587
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 18.537 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 43 Resp: 58512
Ion Ratio Lower Upper
43 100
74 20.6 22.2 33.2#

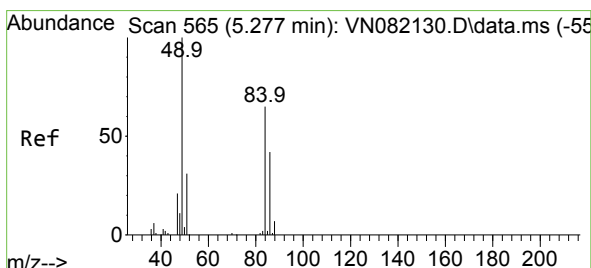
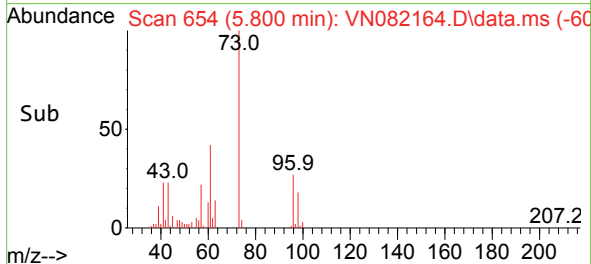
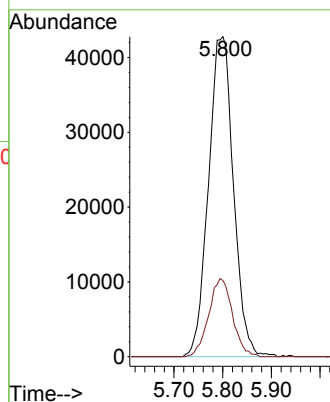
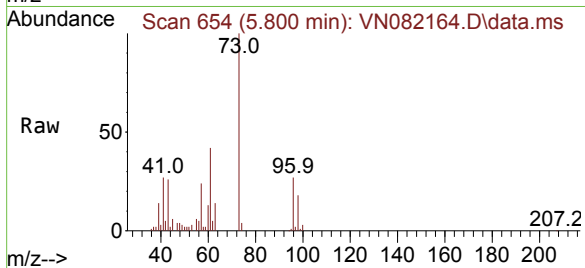




#19
Methyl tert-butyl Ether
Concen: 19.506 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

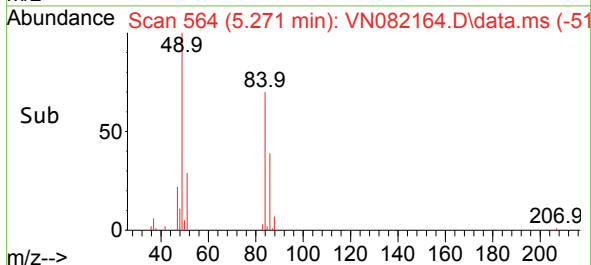
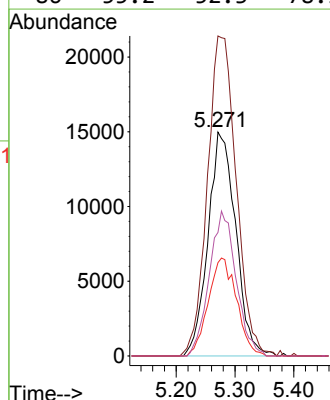
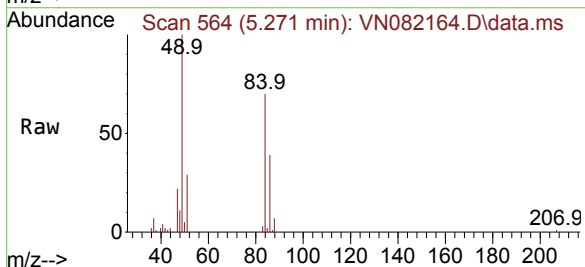
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

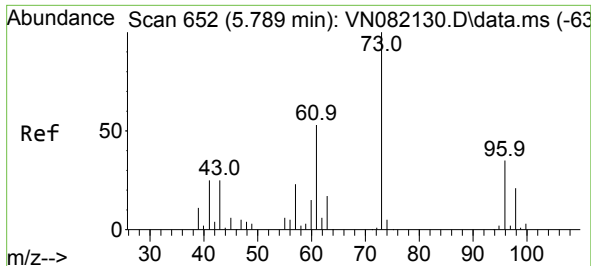
Tgt Ion: 73 Resp: 152368
Ion Ratio Lower Upper
73 100
57 23.8 16.5 24.7



#20
Methylene Chloride
Concen: 19.148 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 84 Resp: 48968
Ion Ratio Lower Upper
84 100
49 143.0 84.9 127.3#
51 41.7 27.0 40.6#
86 55.2 52.3 78.5

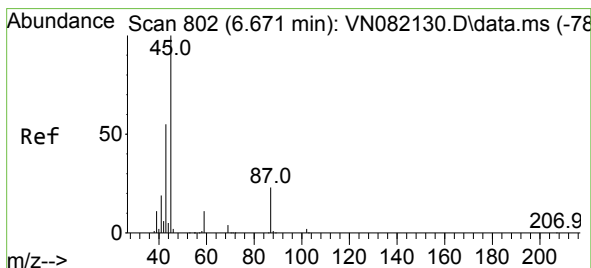
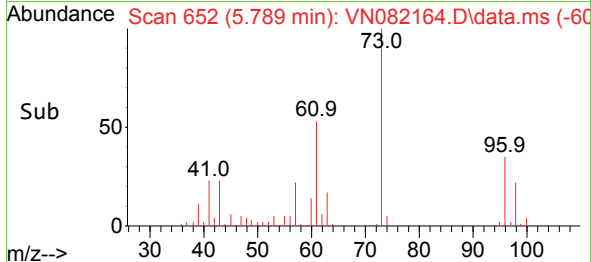
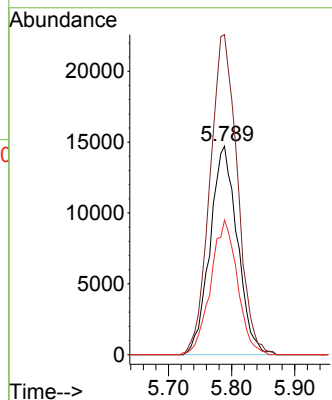
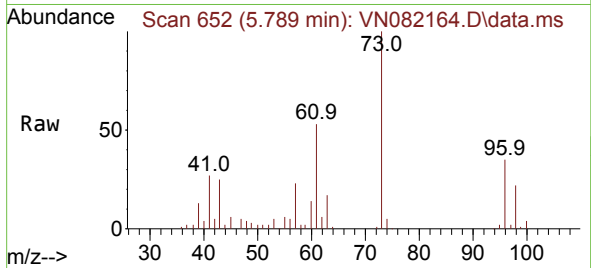




#21
trans-1,2-Dichloroethene
Concen: 19.004 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

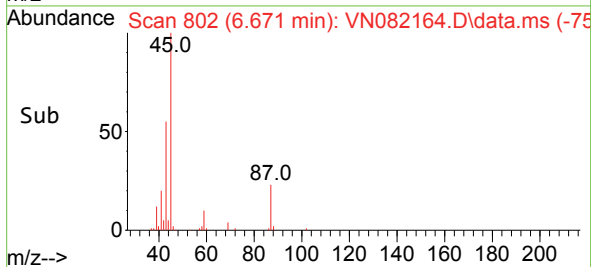
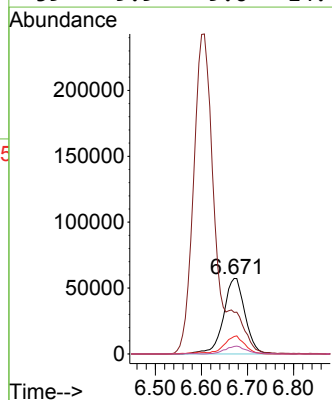
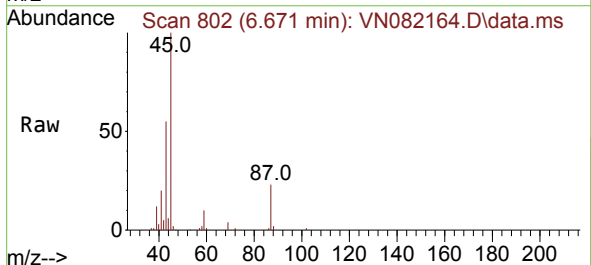
Instrument :
MSVOA_N
ClientSampleId :
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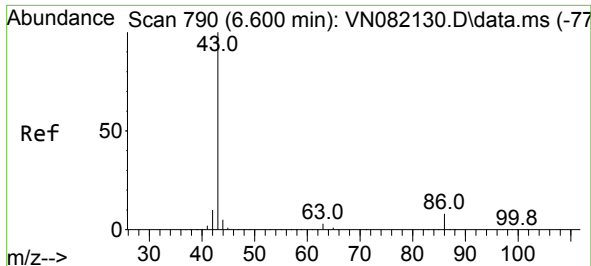
Tgt Ion: 96 Resp: 44258
Ion Ratio Lower Upper
96 100
61 153.5 96.5 144.7#
98 64.5 51.3 76.9



#22
Diisopropyl ether
Concen: 19.361 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 45 Resp: 184981
Ion Ratio Lower Upper
45 100
43 54.0 44.1 66.1
87 23.1 27.0 40.6#
59 9.9 9.6 14.4

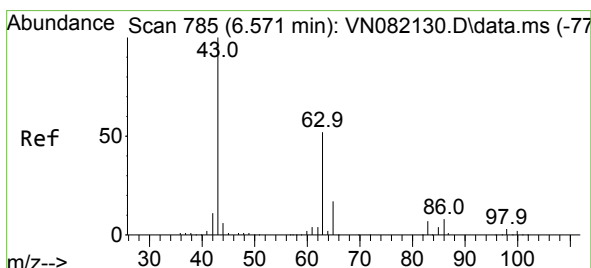
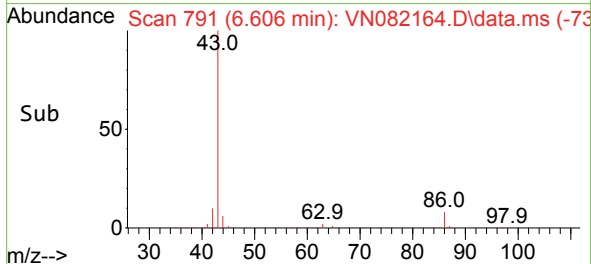
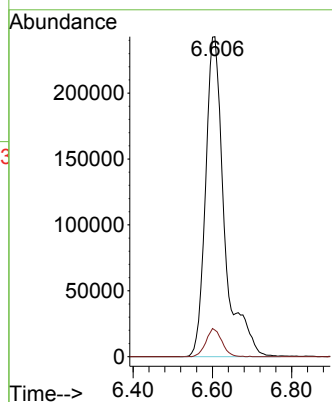
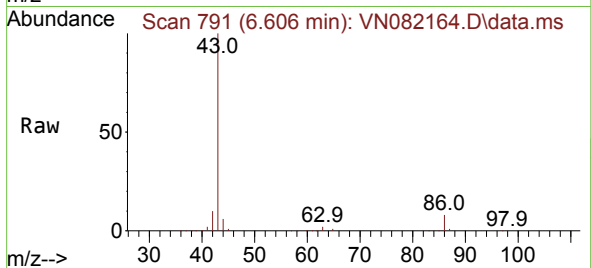




#23
 Vinyl Acetate
 Concen: 106.310 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

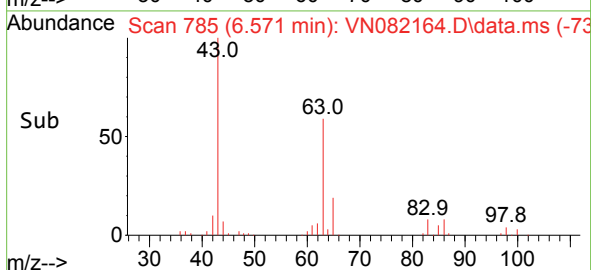
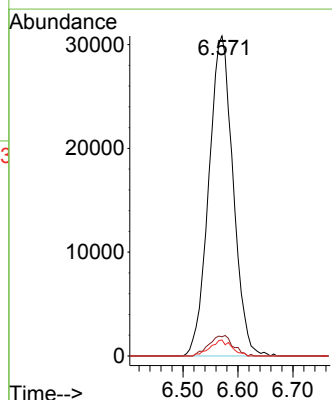
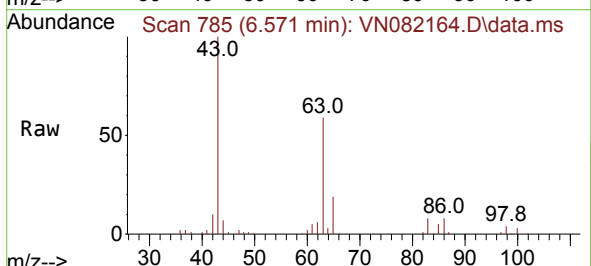
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

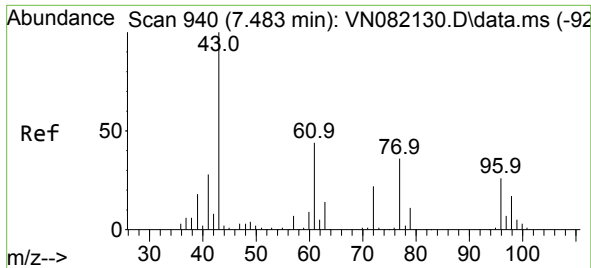
Tgt Ion: 43 Resp: 800805
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.207 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

Tgt Ion: 63 Resp: 94587
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 5.0 2.6 7.8

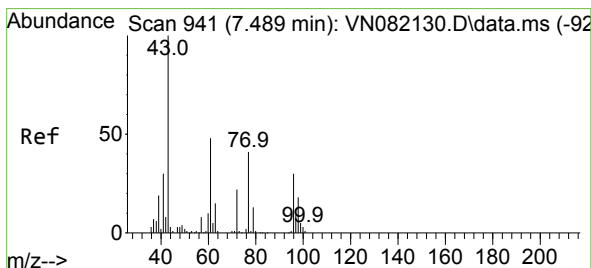
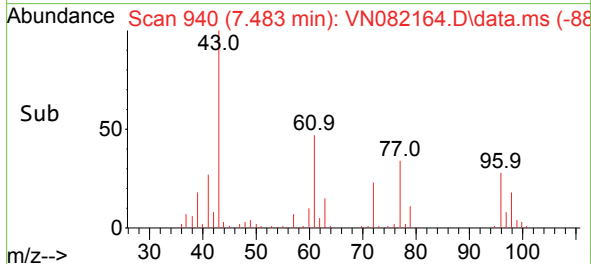
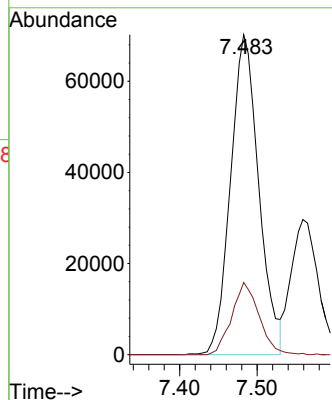
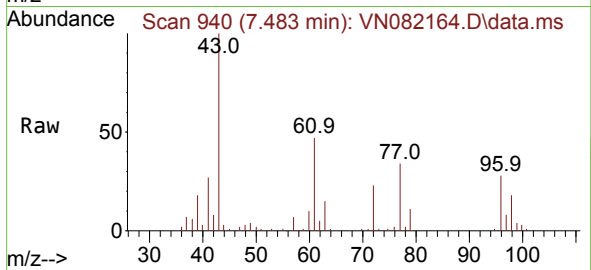




#25
2-Butanone
Concen: 92.748 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

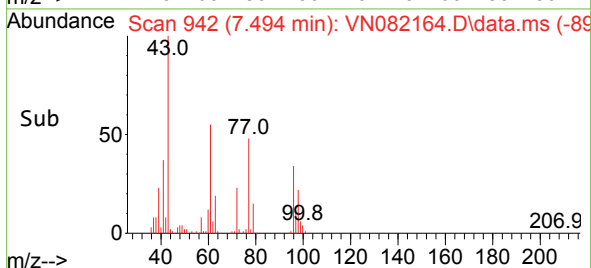
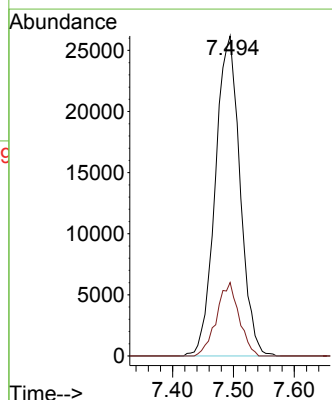
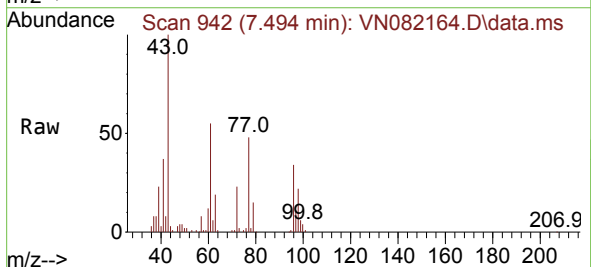
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

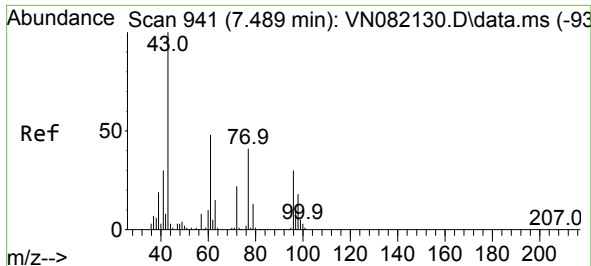
Tgt Ion: 43 Resp: 178237
Ion Ratio Lower Upper
43 100
72 22.5 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 17.883 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 77 Resp: 73763
Ion Ratio Lower Upper
77 100
97 20.9 11.3 33.9

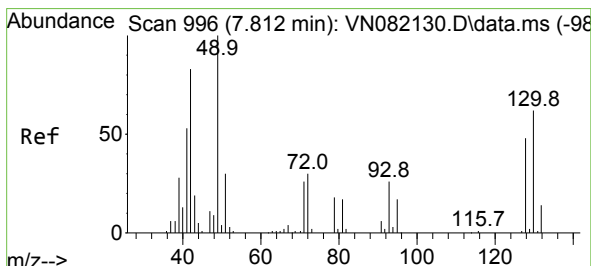
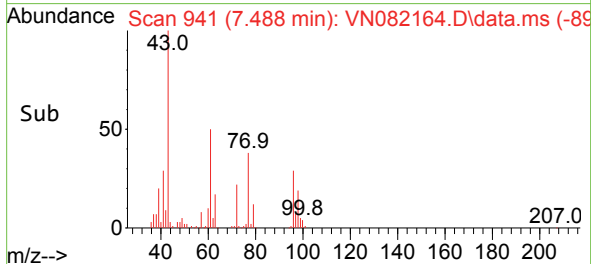
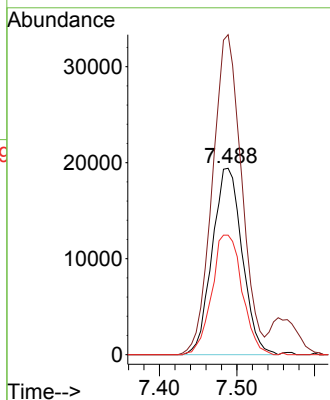
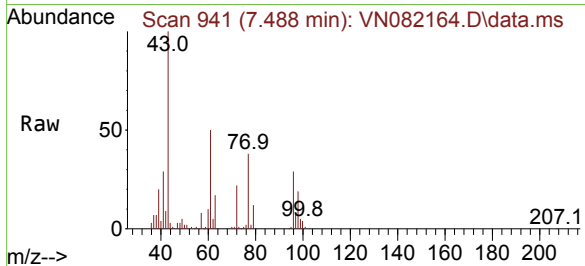




#27
 cis-1,2-Dichloroethene
 Concen: 18.990 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

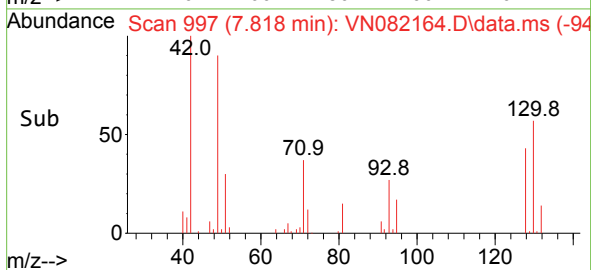
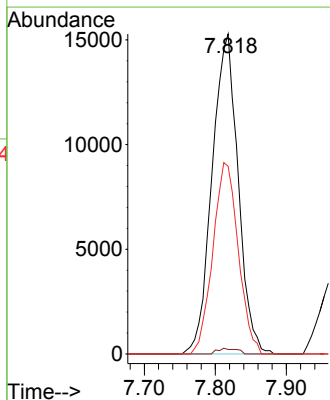
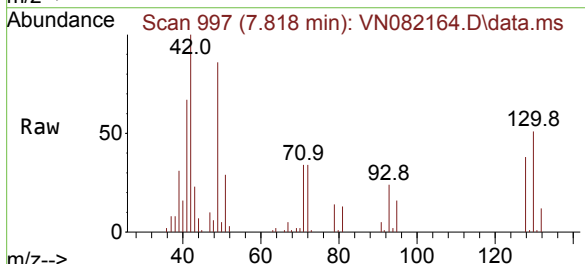
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

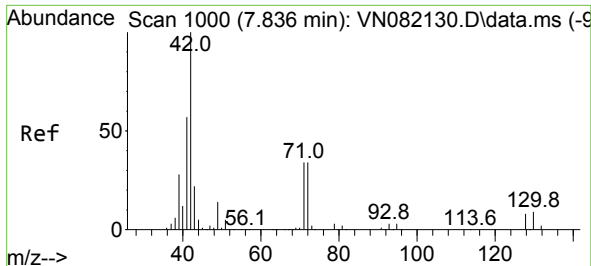
Tgt Ion: 96 Resp: 52193
 Ion Ratio Lower Upper
 96 100
 61 167.6 0.0 268.0
 98 64.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 16.933 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

Tgt Ion: 49 Resp: 38859
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 58.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 95.843 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

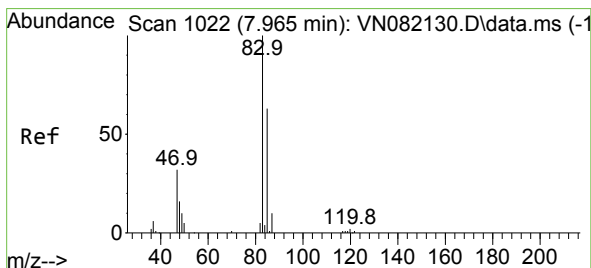
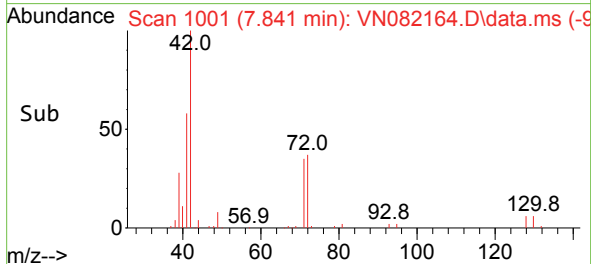
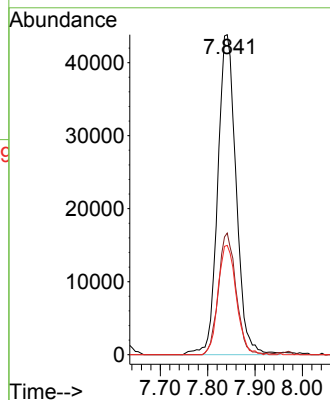
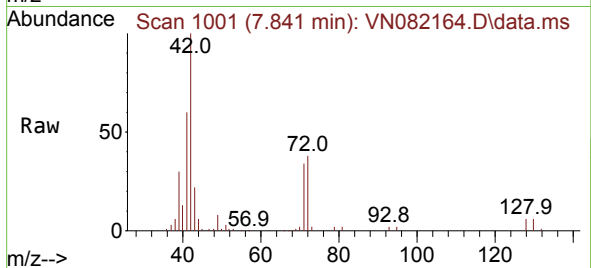
Tgt Ion: 42 Resp: 118257

Ion Ratio Lower Upper

42 100

72 36.4 39.3 58.9#

71 34.0 37.4 56.0#



#30

Chloroform

Concen: 19.224 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082164.D

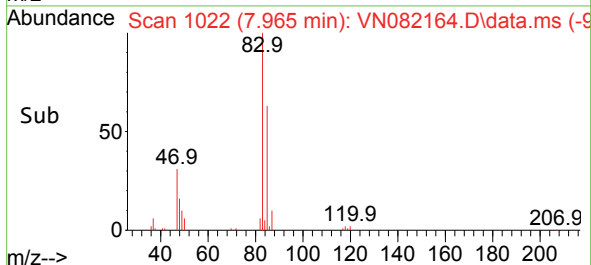
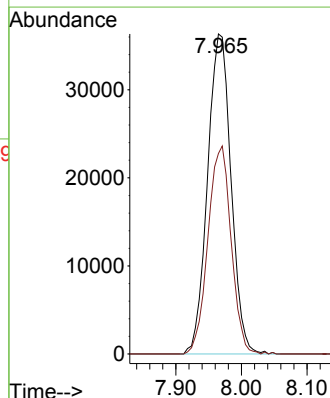
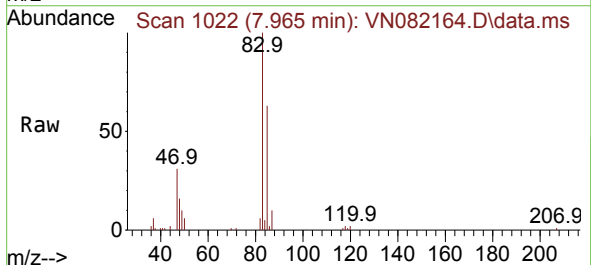
Acq: 16 May 2024 16:07

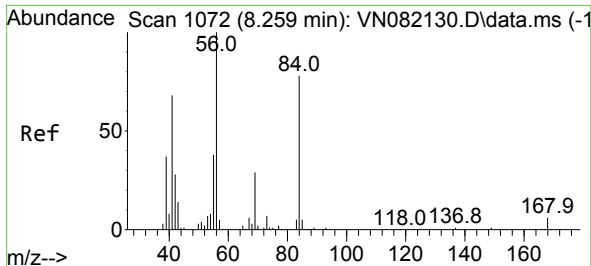
Tgt Ion: 83 Resp: 90403

Ion Ratio Lower Upper

83 100

85 62.7 50.7 76.1

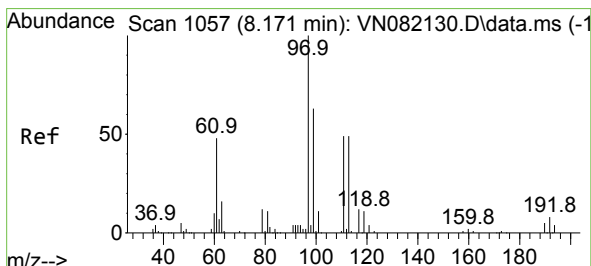
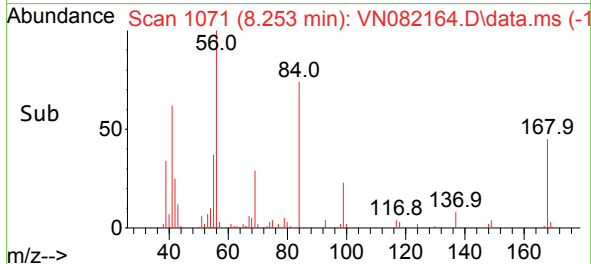
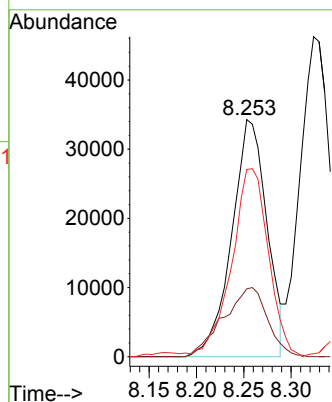
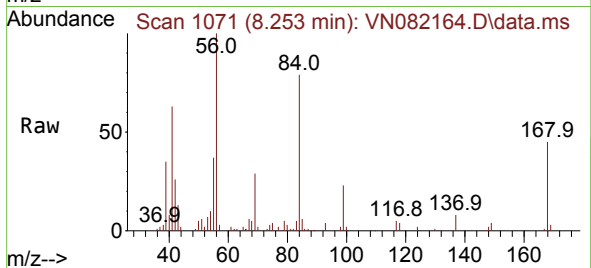




#31
Cyclohexane
Concen: 17.902 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

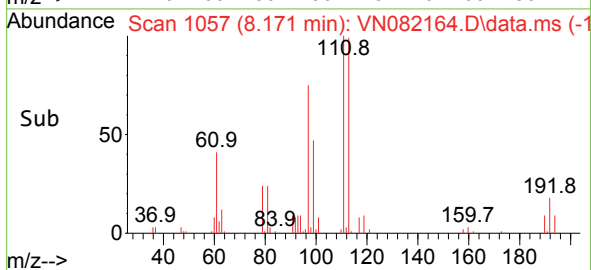
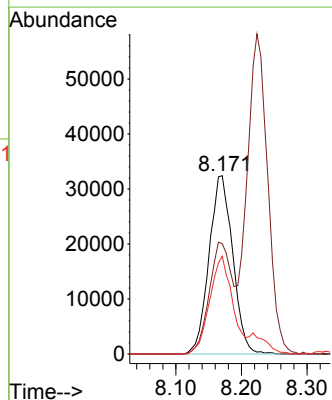
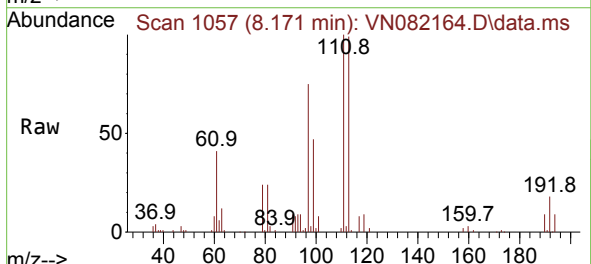
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

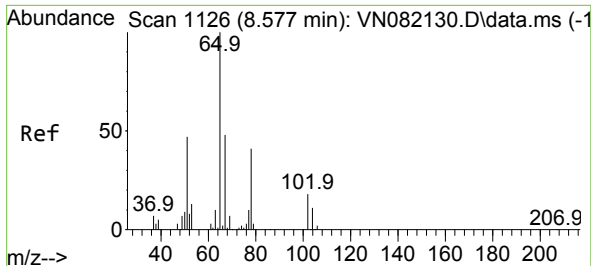
Tgt Ion: 56 Resp: 88347
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 77.7 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 19.488 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 97 Resp: 81304
Ion Ratio Lower Upper
97 100
99 58.2 50.3 75.5
61 54.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.238 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

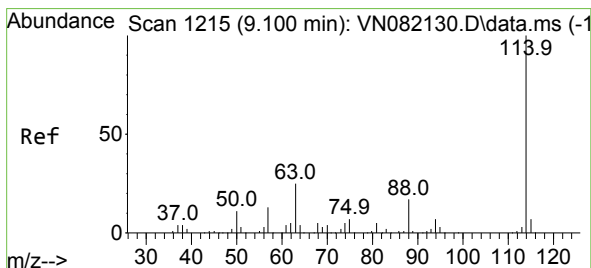
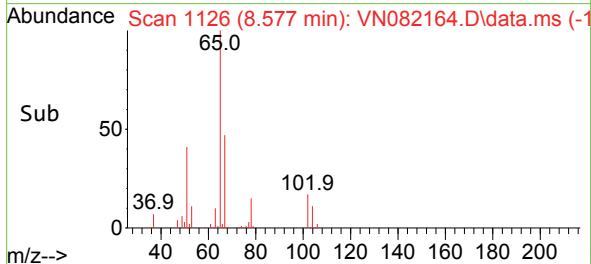
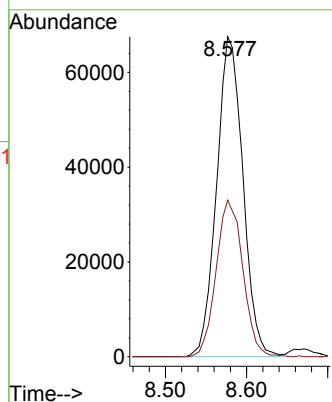
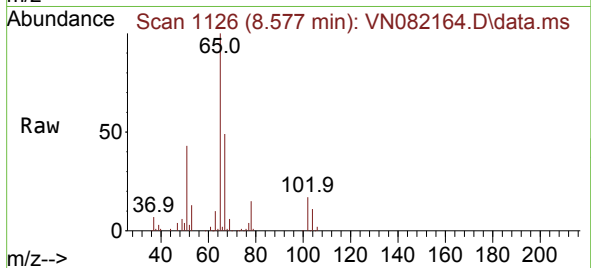
VN0516WBSD01

Tgt Ion: 65 Resp: 152138

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

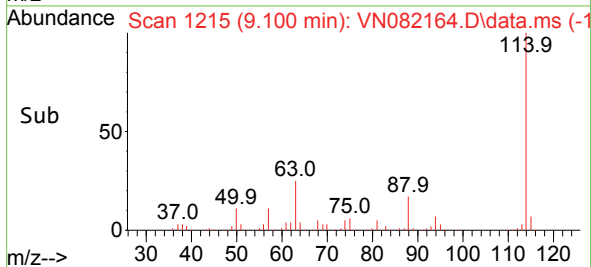
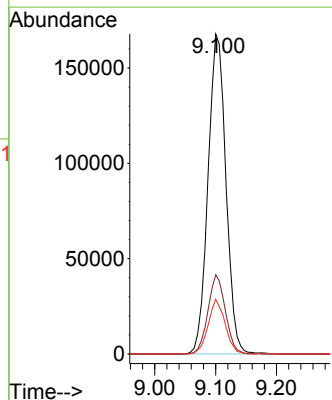
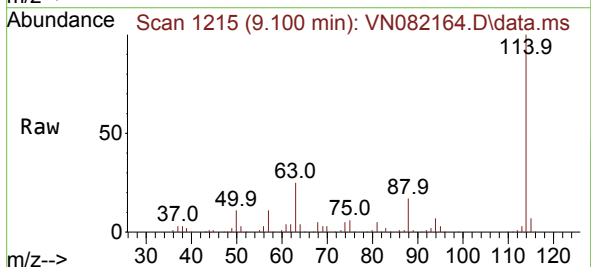
Tgt Ion: 114 Resp: 342977

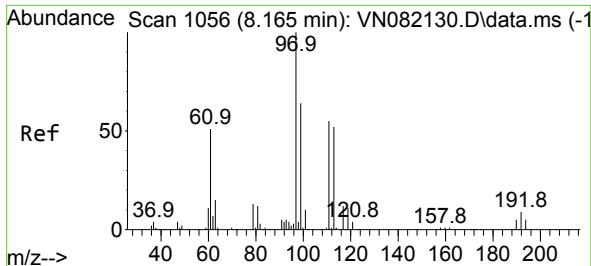
Ion Ratio Lower Upper

114 100

63 24.8 0.0 41.0

88 17.1 0.0 31.4

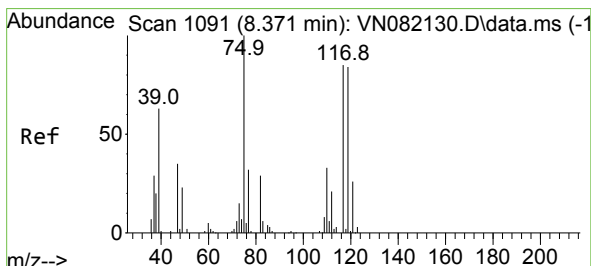
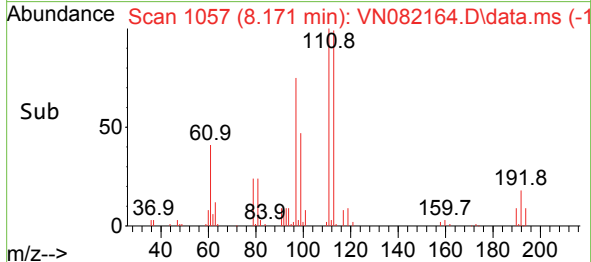
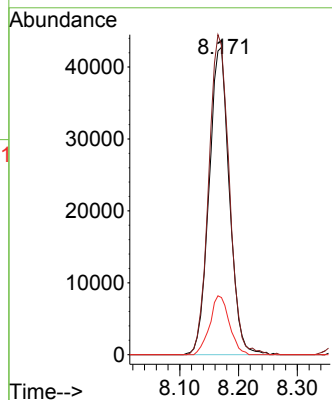
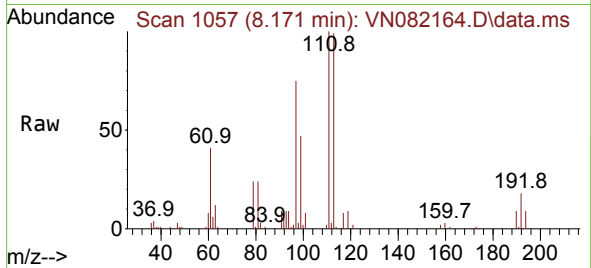




#35
Dibromofluoromethane
Concen: 48.579 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

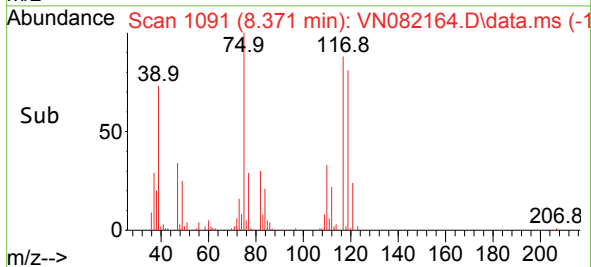
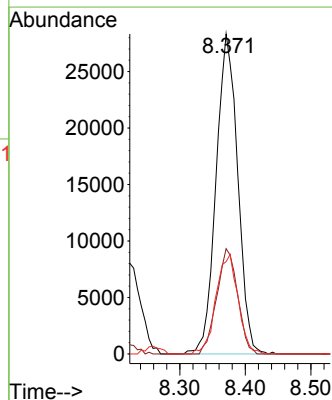
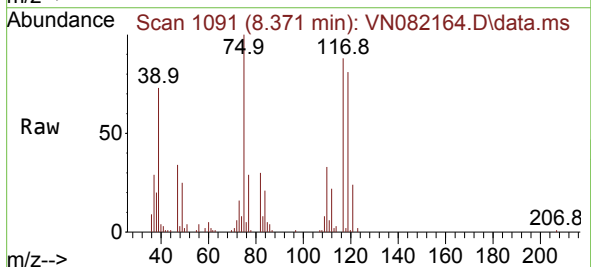
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

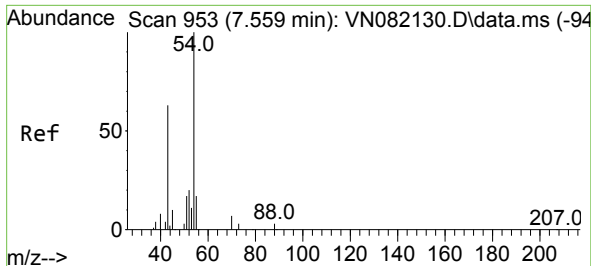
Tgt Ion:113 Resp: 102493
Ion Ratio Lower Upper
113 100
111 105.0 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.301 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

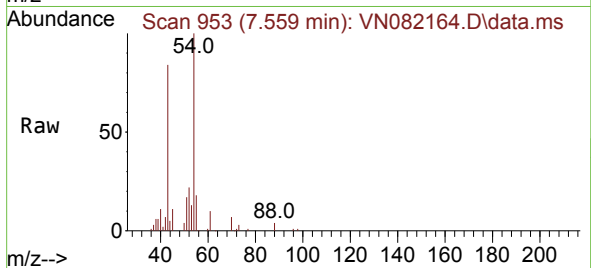
Tgt Ion: 75 Resp: 64758
Ion Ratio Lower Upper
75 100
110 31.7 17.8 53.5
77 31.8 25.0 37.4



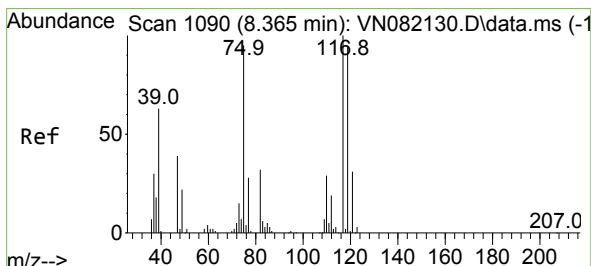
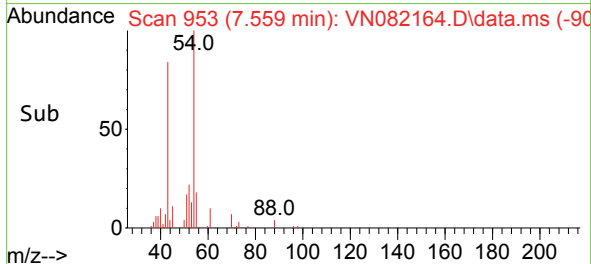
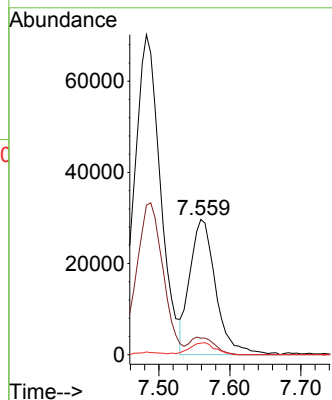


#37
Ethyl Acetate
Concen: 19.008 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

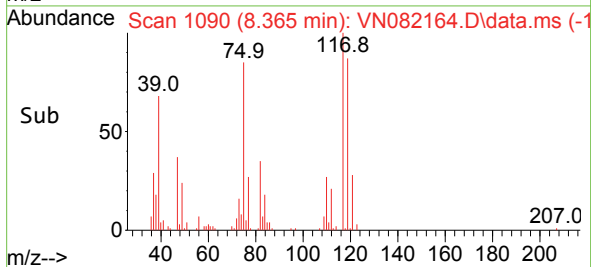
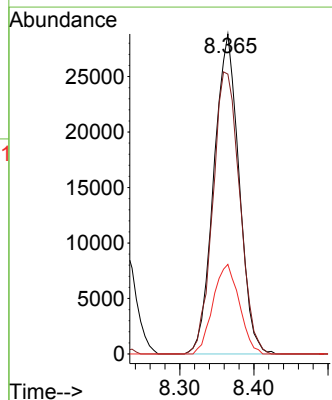
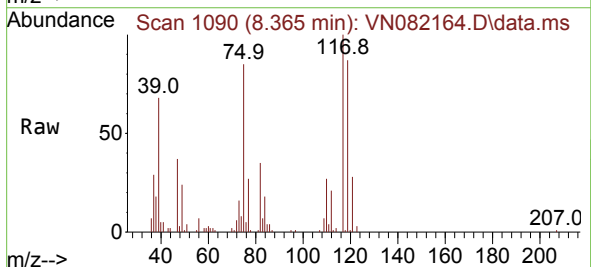


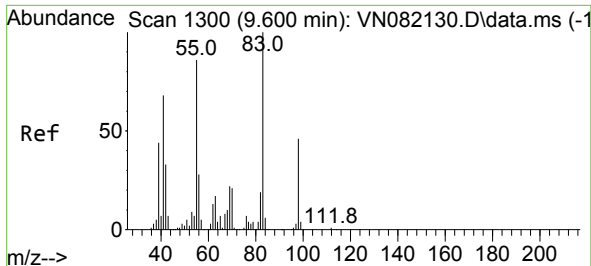
Tgt Ion: 43 Resp: 75274
Ion Ratio Lower Upper
43 100
61 12.3 11.3 16.9
70 8.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.965 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 117 Resp: 68028
Ion Ratio Lower Upper
117 100
119 87.5 76.5 114.7
121 28.0 23.9 35.9





#39

Methylcyclohexane

Concen: 18.997 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

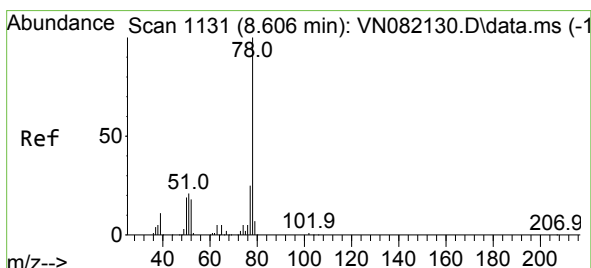
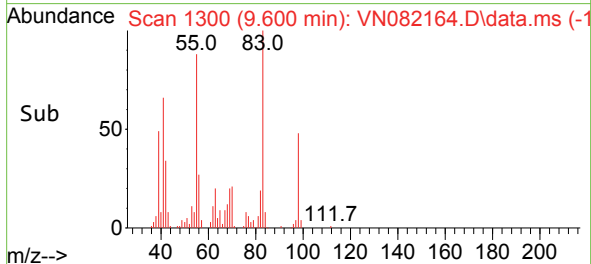
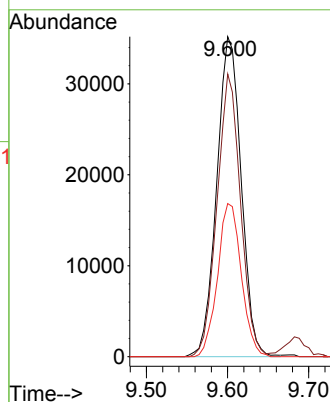
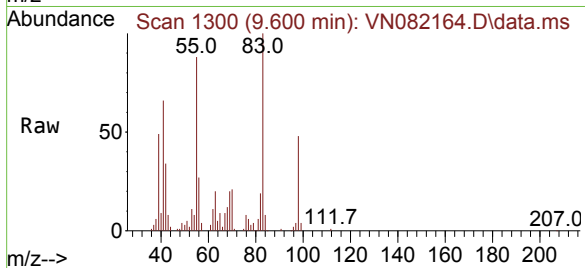
Tgt Ion: 83 Resp: 73683

Ion Ratio Lower Upper

83 100

55 88.3 53.0 79.6#

98 47.9 37.1 55.7



#40

Benzene

Concen: 18.898 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082164.D

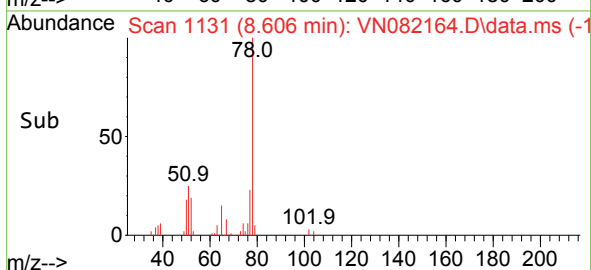
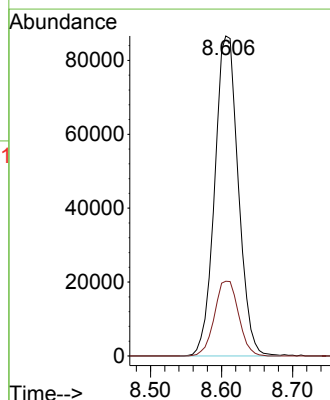
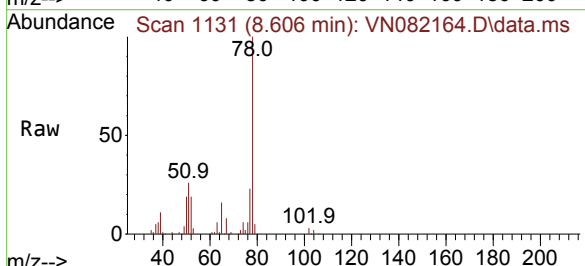
Acq: 16 May 2024 16:07

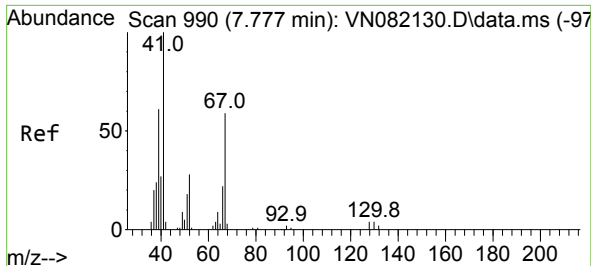
Tgt Ion: 78 Resp: 199414

Ion Ratio Lower Upper

78 100

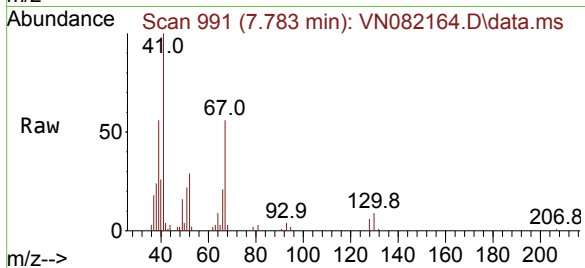
77 23.3 20.0 30.0



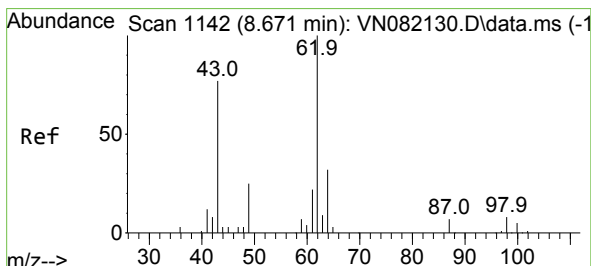
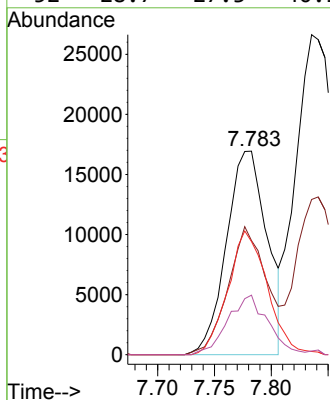
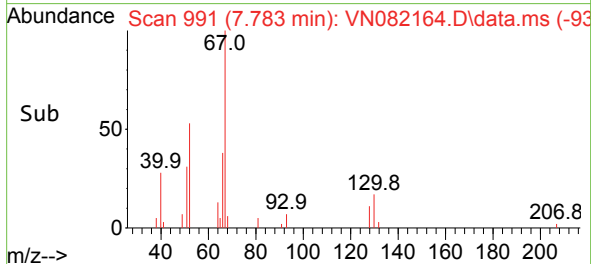


#41
Methacrylonitrile
Concen: 18.161 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

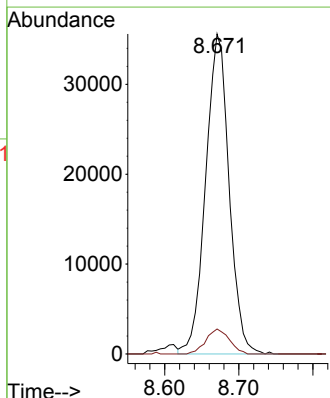
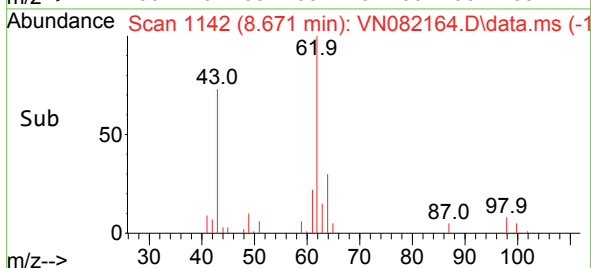
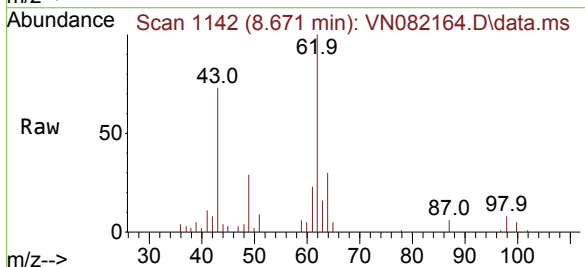


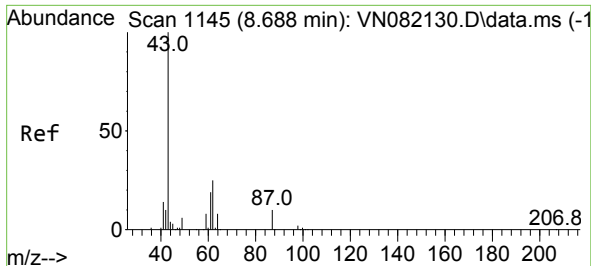
Tgt Ion:	41	Resp:	42295
Ion Ratio	100	Lower	Upper
39	58.7	46.6	69.8
67	59.0	67.3	100.9
52	28.7	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.287 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion:	62	Resp:	78274
Ion Ratio	100	Lower	Upper
98	7.8	0.0	19.6

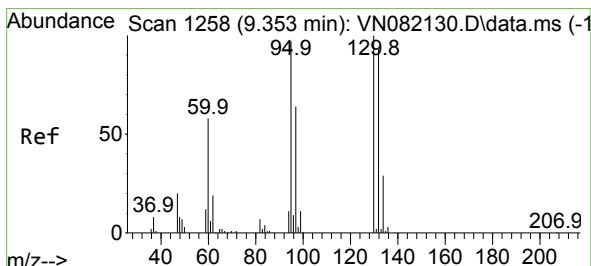
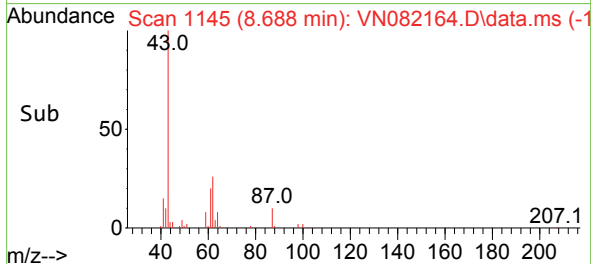
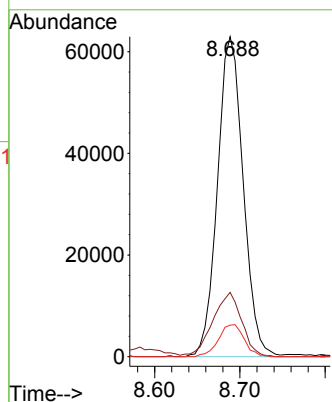
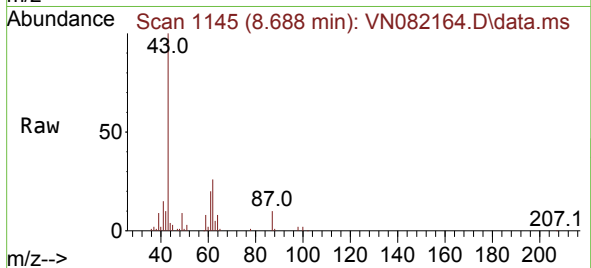




#43
Isopropyl Acetate
Concen: 18.823 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

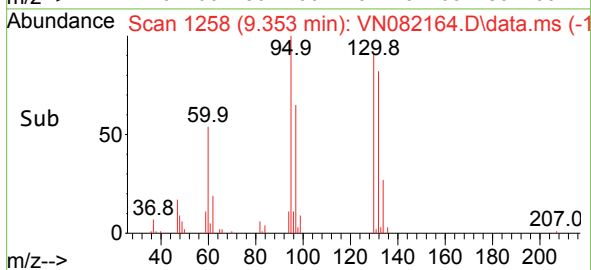
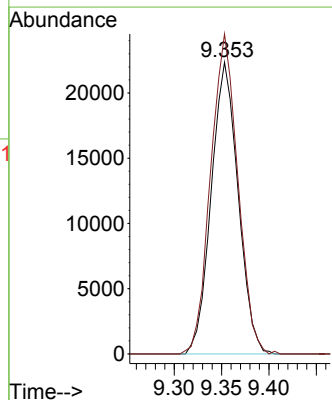
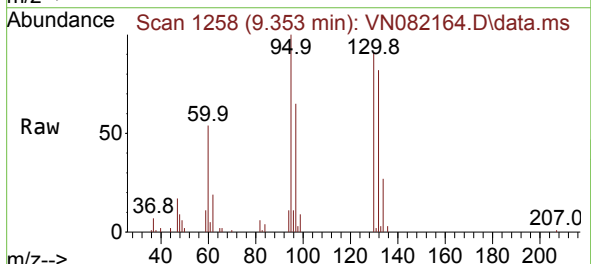
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

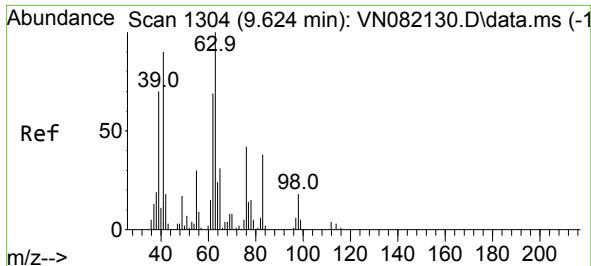
Tgt Ion: 43 Resp: 132079
Ion Ratio Lower Upper
43 100
61 22.6 22.8 34.2#
87 10.0 12.0 18.0#



#44
Trichloroethene
Concen: 18.432 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion:130 Resp: 44179
Ion Ratio Lower Upper
130 100
95 109.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.596 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

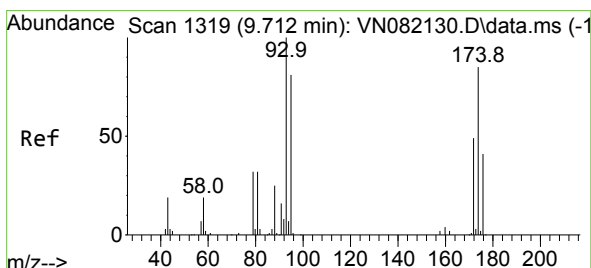
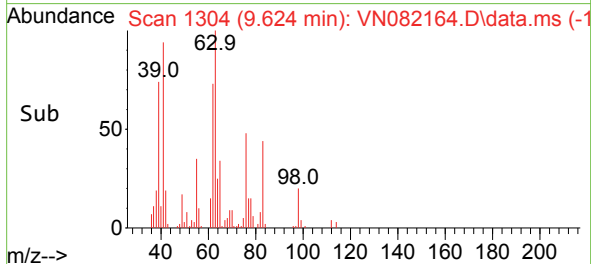
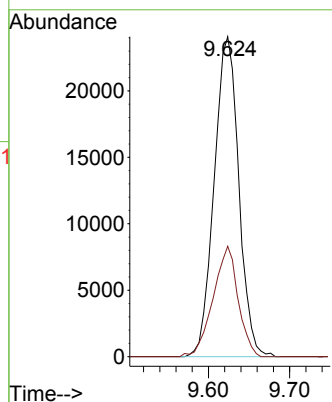
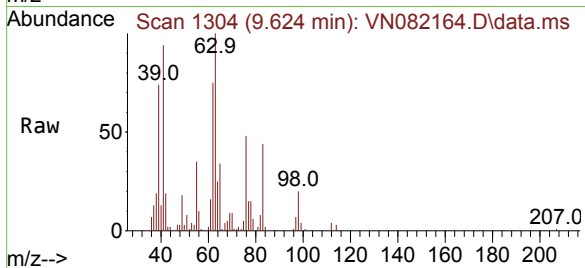
VN0516WBSD01

Tgt Ion: 63 Resp: 50628

Ion Ratio Lower Upper

63 100

65 34.5 24.1 36.1



#46

Dibromomethane

Concen: 18.565 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

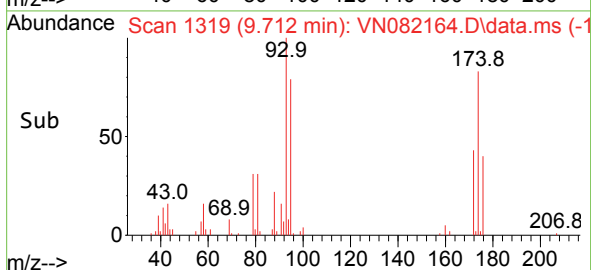
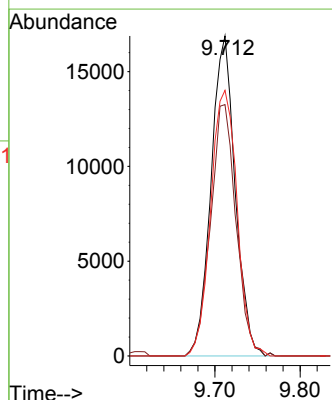
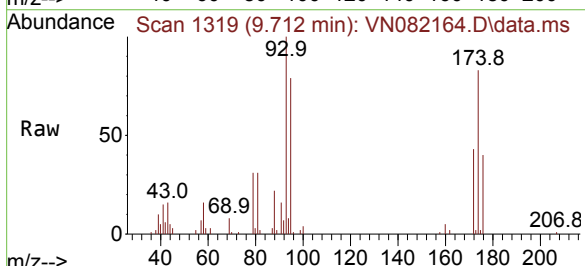
Tgt Ion: 93 Resp: 33184

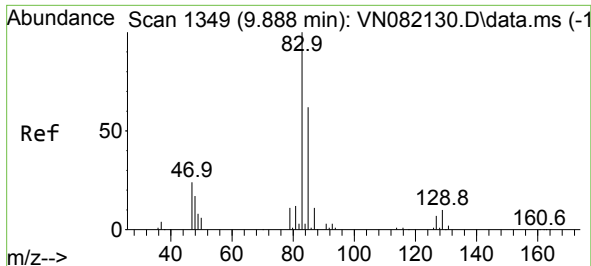
Ion Ratio Lower Upper

93 100

95 83.0 64.8 97.2

174 90.7 73.4 110.0

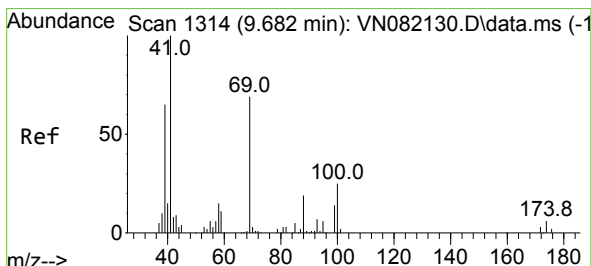
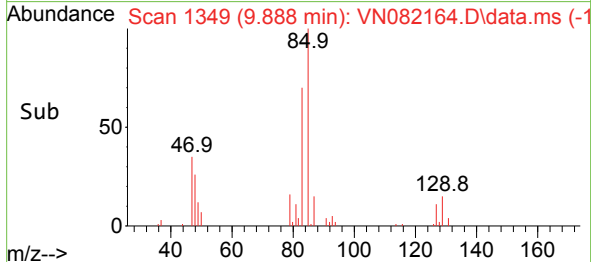
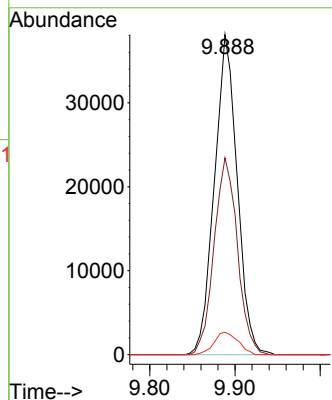
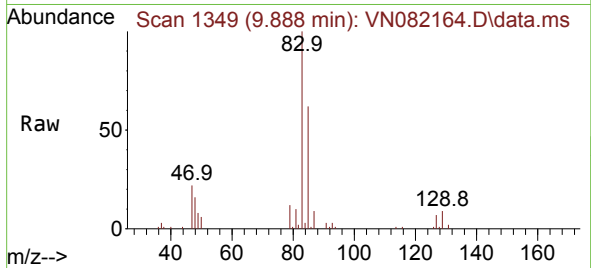




#47
Bromodichloromethane
Concen: 18.783 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

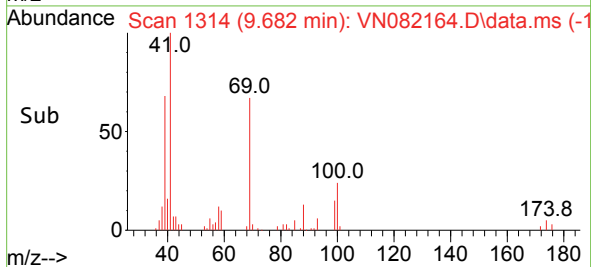
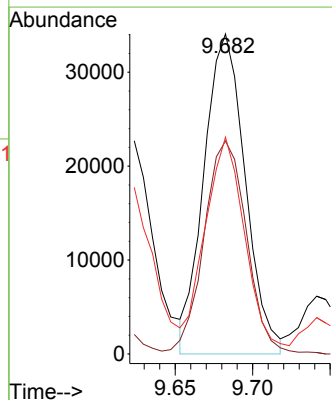
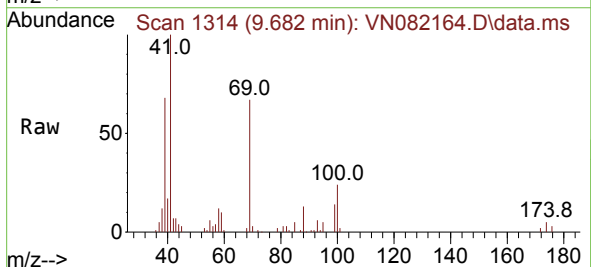
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

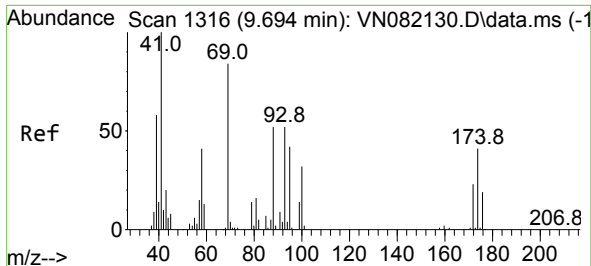
Tgt Ion: 83 Resp: 70876
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9
127 7.0 7.5 11.3#



#48
Methyl methacrylate
Concen: 18.836 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 41 Resp: 62979
Ion Ratio Lower Upper
41 100
69 68.9 77.9 116.9#
39 66.4 50.9 76.3





#49

1,4-Dioxane

Concen: 345.125 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082164.D

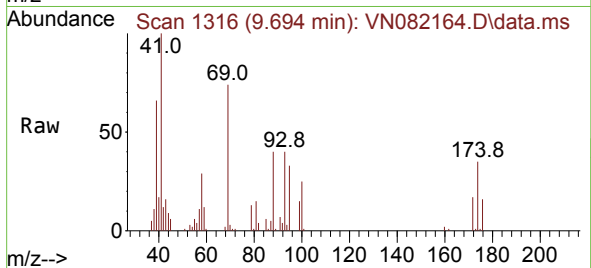
Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

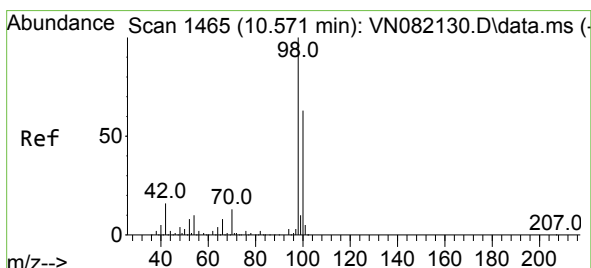
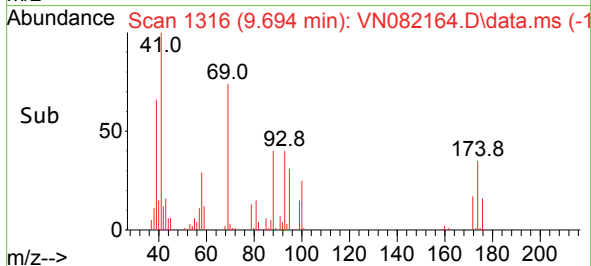
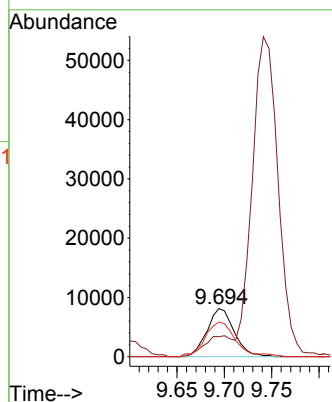
ClientSampleId :

VN0516WBSD01



Tgt Ion: 88 Resp: 16170

Ion	Ratio	Lower	Upper
88	100		
43	42.3	19.0	28.6#
58	80.6	50.6	76.0#



#50

Toluene-d8

Concen: 49.200 ug/l

RT: 10.565 min Scan# 1464

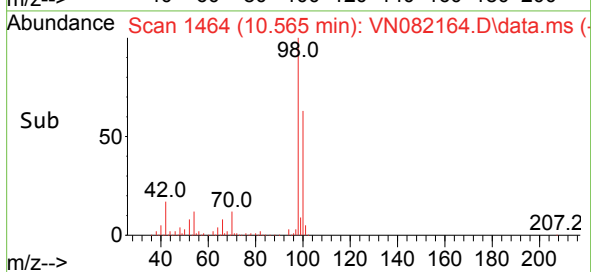
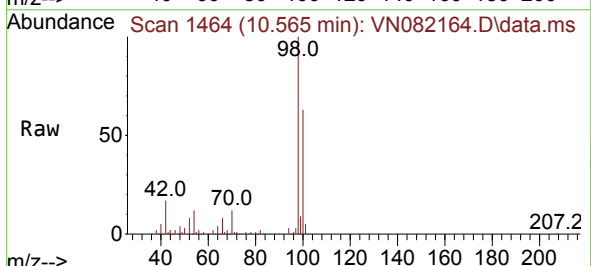
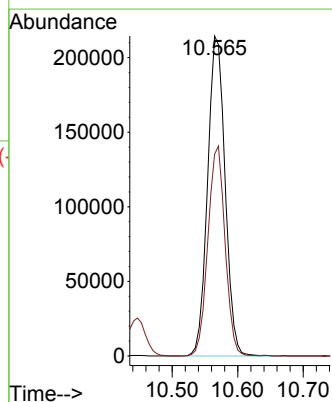
Delta R.T. -0.006 min

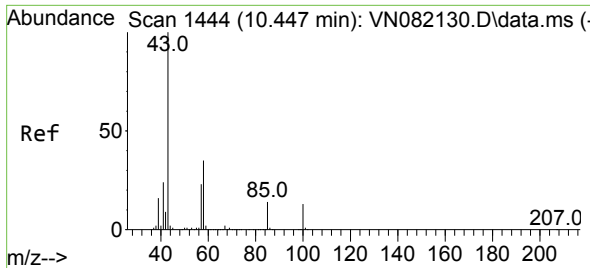
Lab File: VN082164.D

Acq: 16 May 2024 16:07

Tgt Ion: 98 Resp: 397978

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6

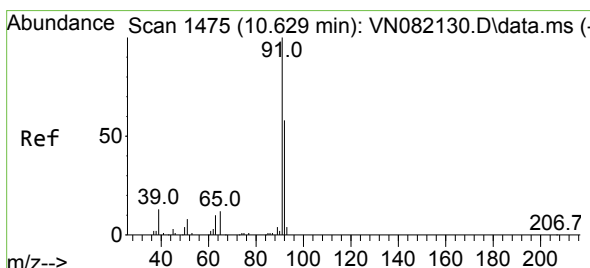
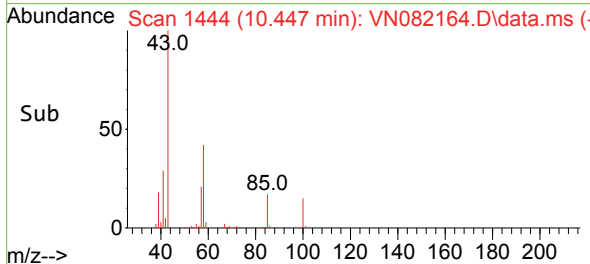
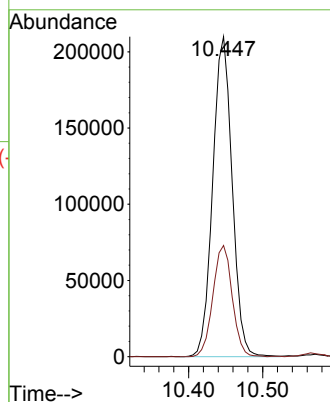
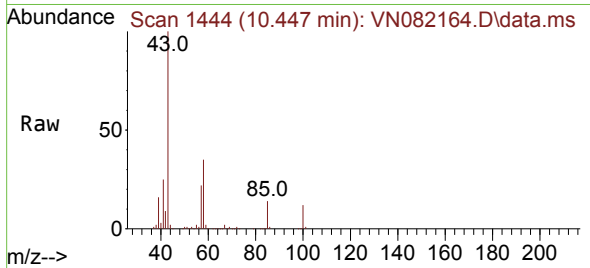




#51
4-Methyl-2-Pentanone
Concen: 95.737 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

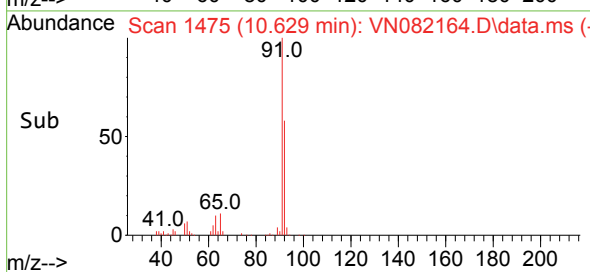
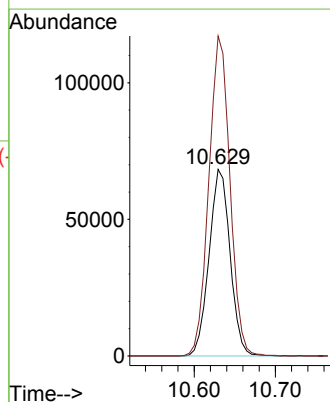
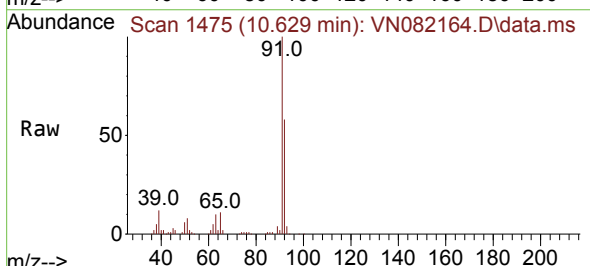
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

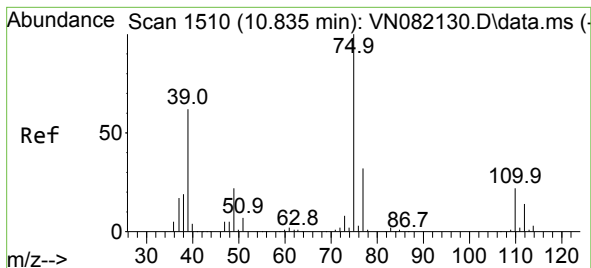
Tgt Ion: 43 Resp: 381685
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8



#52
Toluene
Concen: 19.375 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 92 Resp: 122688
Ion Ratio Lower Upper
92 100
91 172.4 136.7 205.1

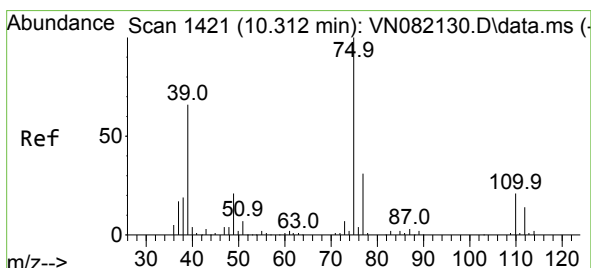
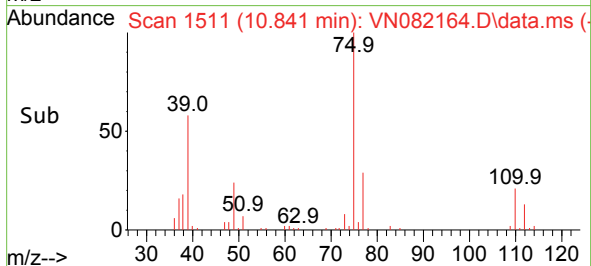
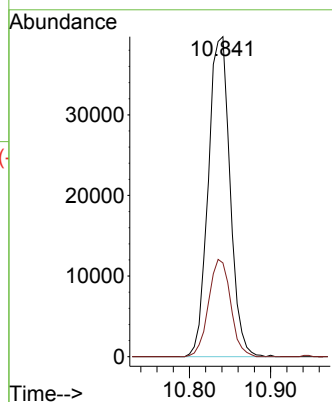
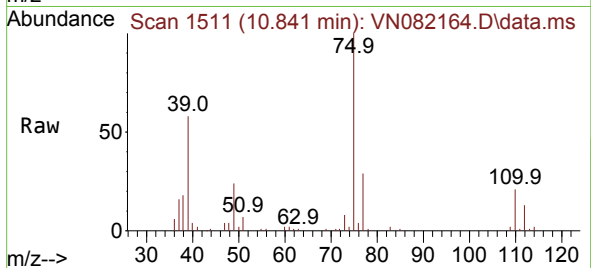




#53
 t-1,3-Dichloropropene
 Concen: 18.962 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

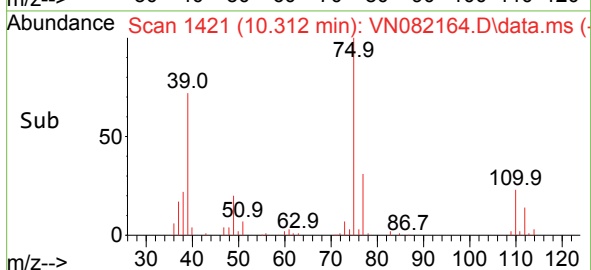
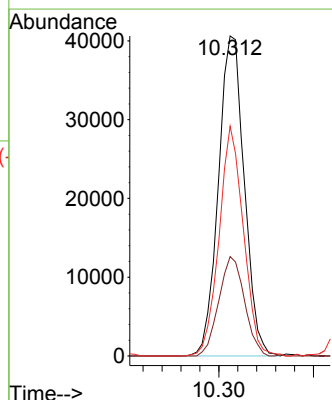
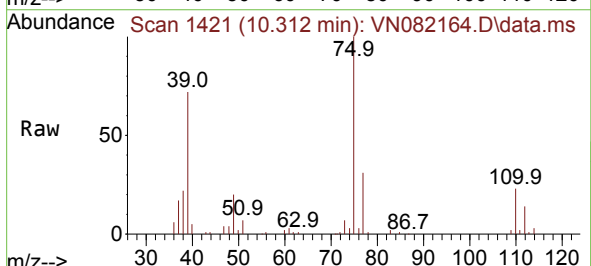
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

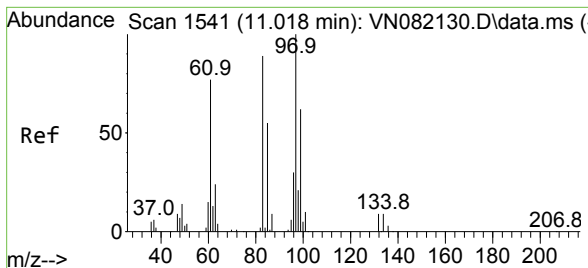
Tgt Ion: 75 Resp: 74001
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.668 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

Tgt Ion: 75 Resp: 77117
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4
 39 71.8 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 19.188 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082164.D

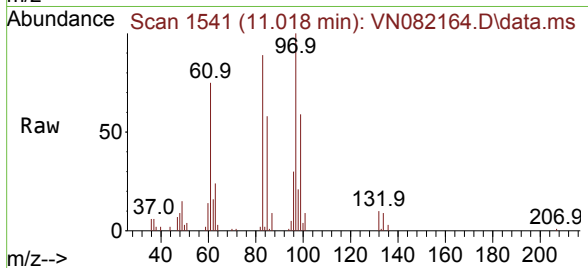
Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01



Tgt Ion: 97 Resp: 44156

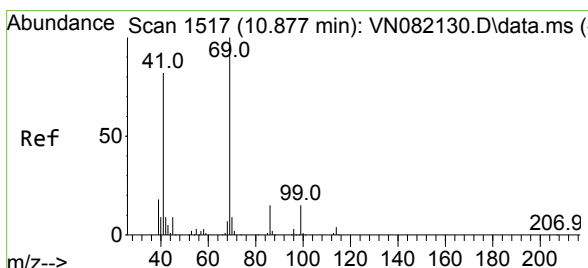
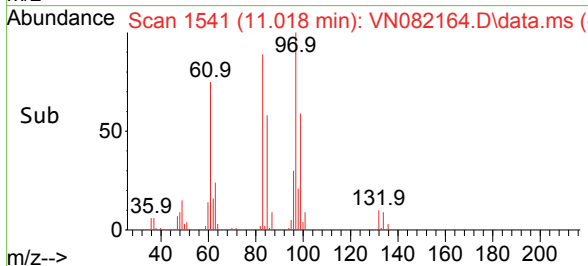
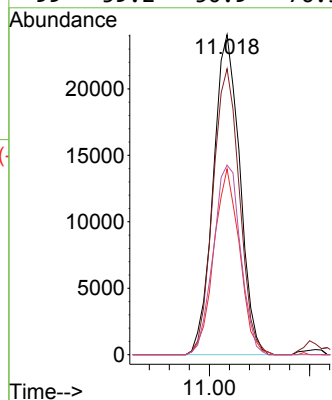
Ion Ratio Lower Upper

97 100

83 89.4 70.4 105.6

85 58.0 45.6 68.4

99 59.2 50.9 76.3



#56

Ethyl methacrylate

Concen: 19.258 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

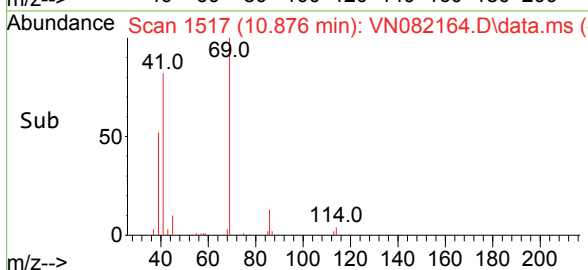
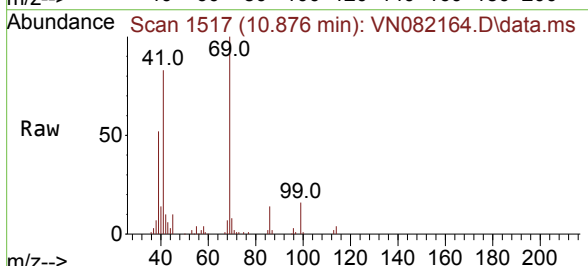
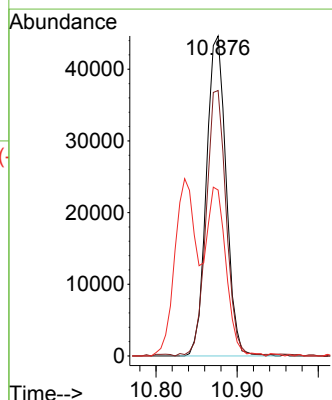
Tgt Ion: 69 Resp: 75239

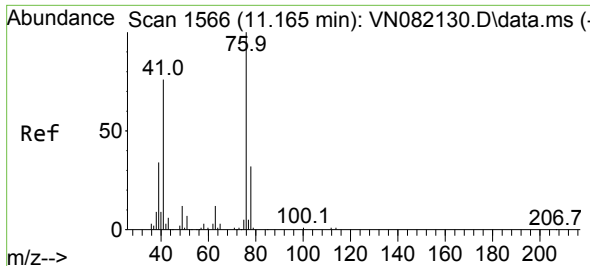
Ion Ratio Lower Upper

69 100

41 84.2 46.6 70.0#

39 54.1 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 18.580 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082164.D

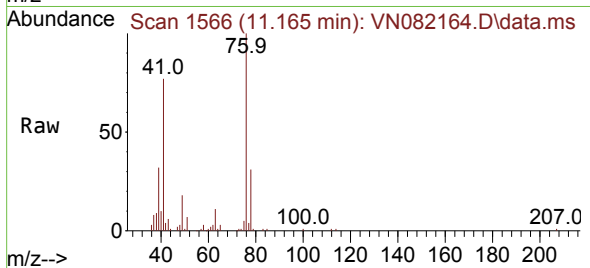
Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

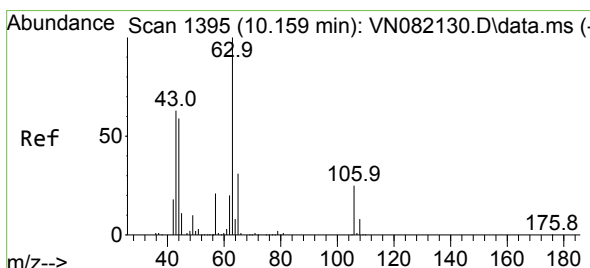
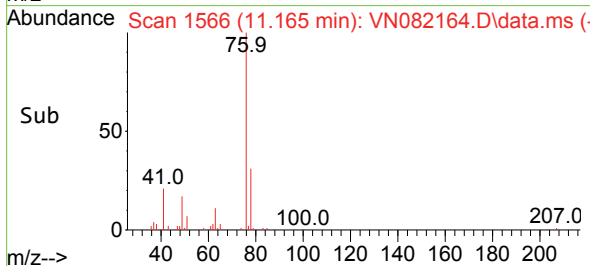
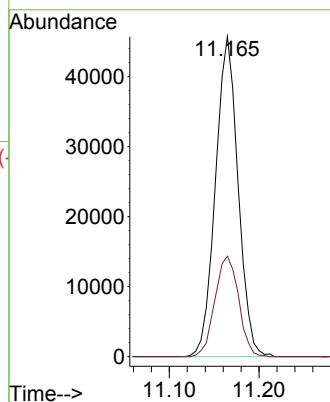


Tgt Ion: 76 Resp: 79943

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.587 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082164.D

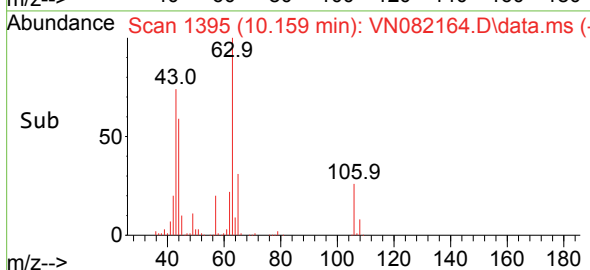
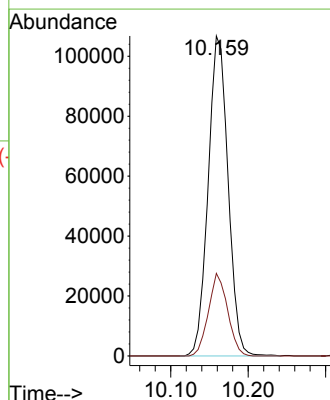
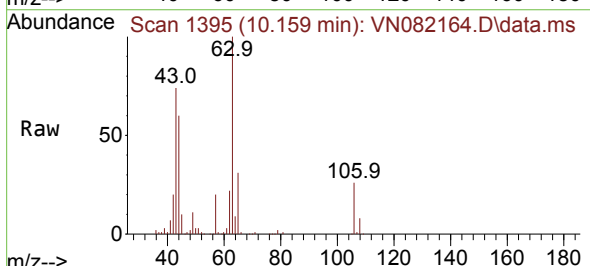
Acq: 16 May 2024 16:07

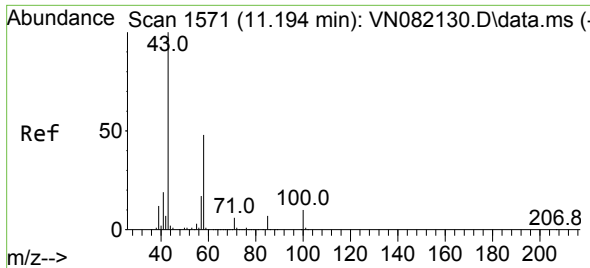
Tgt Ion: 63 Resp: 190613

Ion Ratio Lower Upper

63 100

106 24.8 24.6 36.8

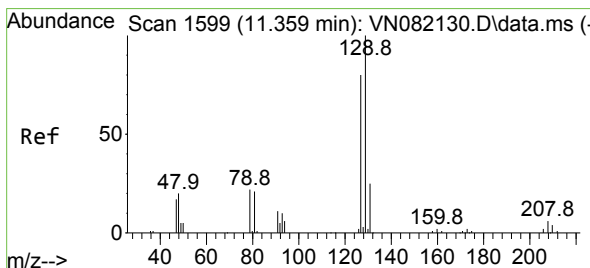
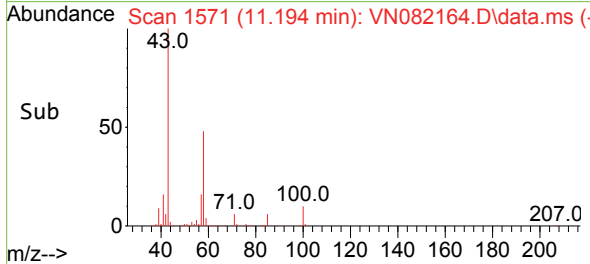
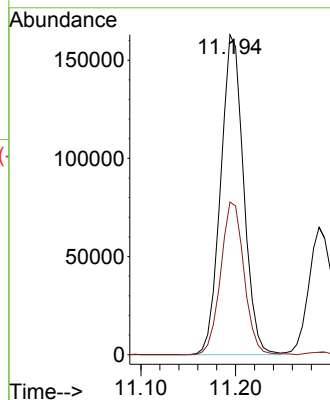
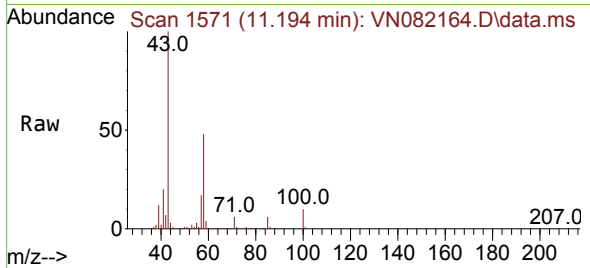




#59
2-Hexanone
Concen: 93.930 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

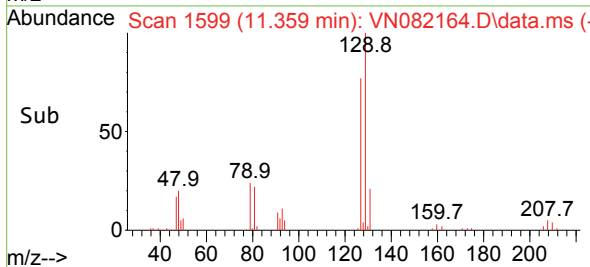
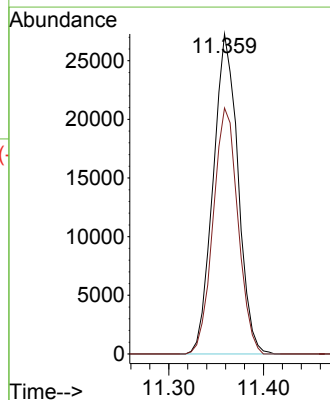
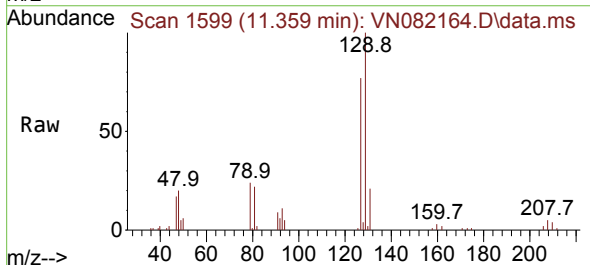
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

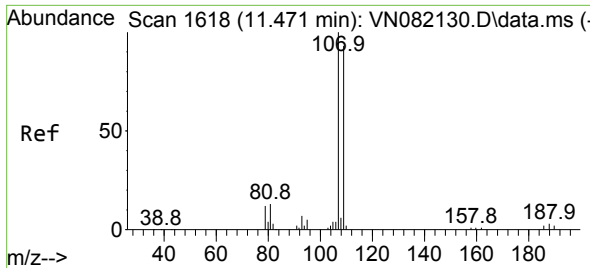
Tgt Ion: 43 Resp: 274197
Ion Ratio Lower Upper
43 100
58 48.6 28.3 84.9



#60
Dibromochloromethane
Concen: 19.535 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 129 Resp: 49610
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8

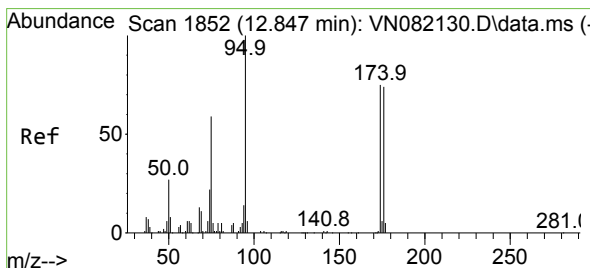
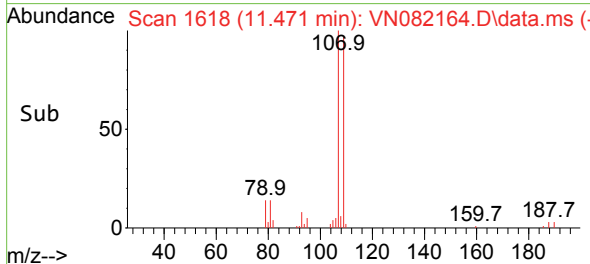
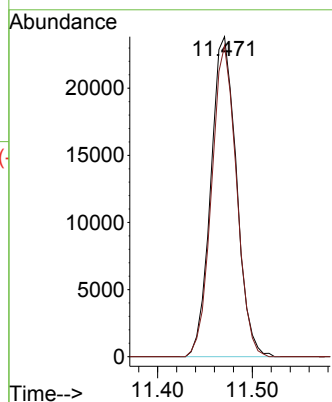
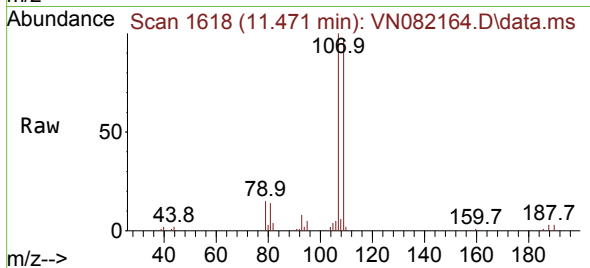




#61
1,2-Dibromoethane
Concen: 18.965 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

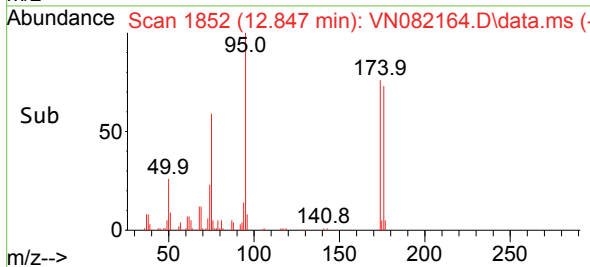
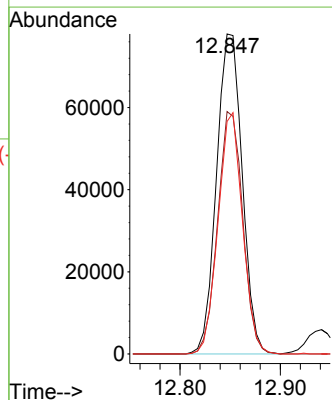
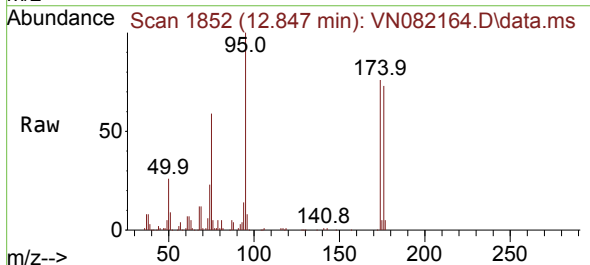
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

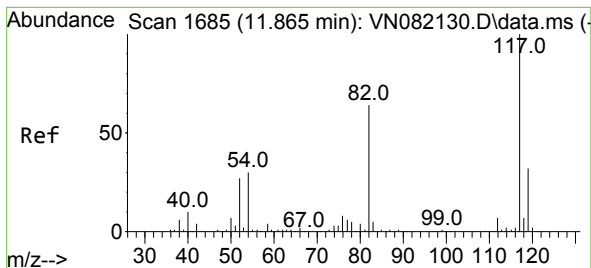
Tgt Ion:107 Resp: 44825
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 95 Resp: 138692
Ion Ratio Lower Upper
95 100
174 73.9 0.0 160.6
176 71.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

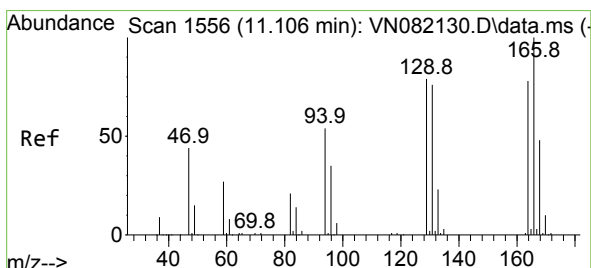
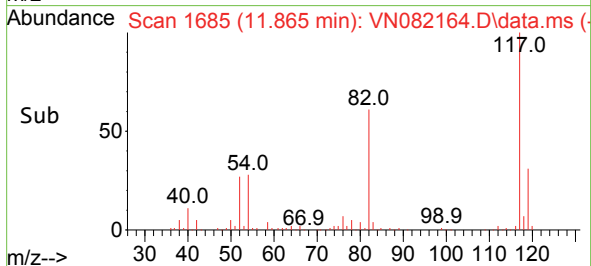
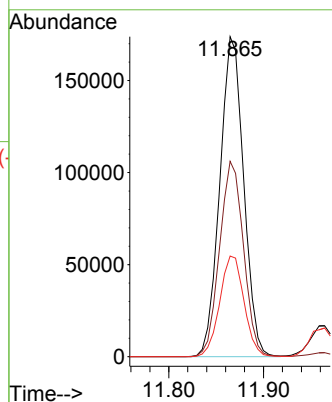
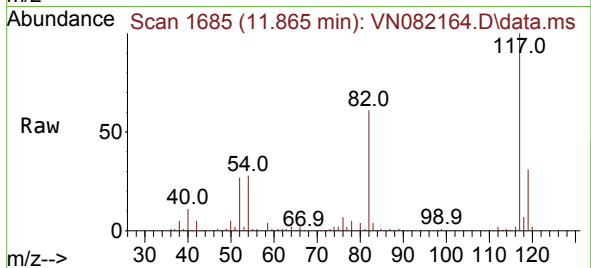
Tgt Ion:117 Resp: 304182

Ion Ratio Lower Upper

117 100

82 61.0 44.6 66.8

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 20.263 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Tgt Ion:164 Resp: 45685

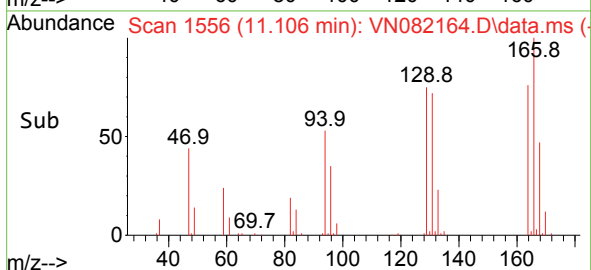
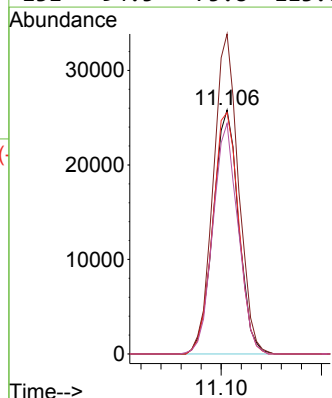
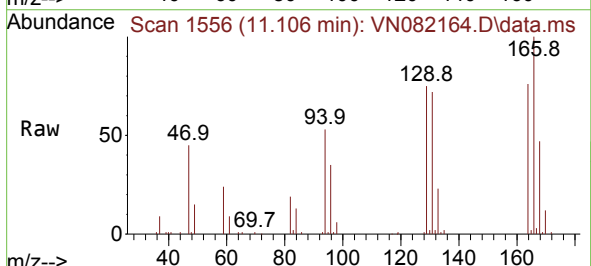
Ion Ratio Lower Upper

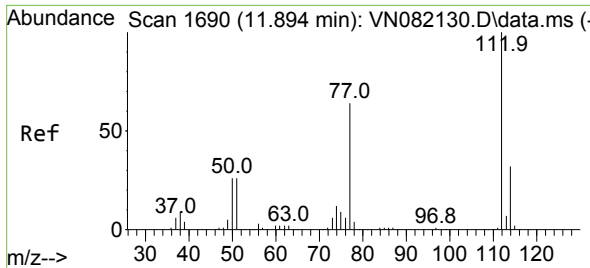
164 100

166 131.1 97.6 146.4

129 99.0 73.7 110.5

131 94.5 75.8 113.6

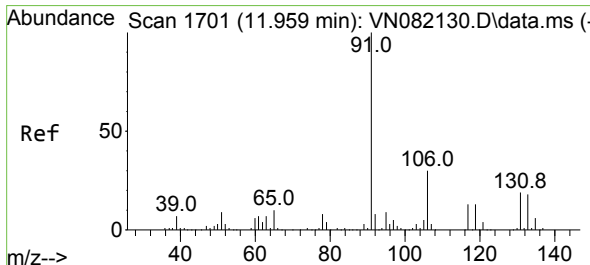
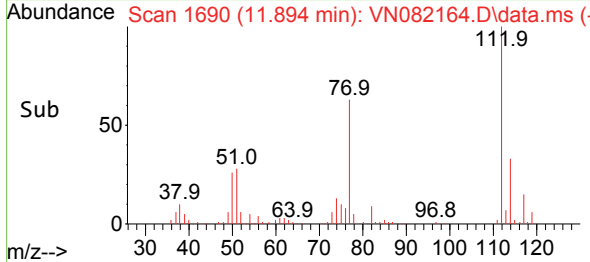
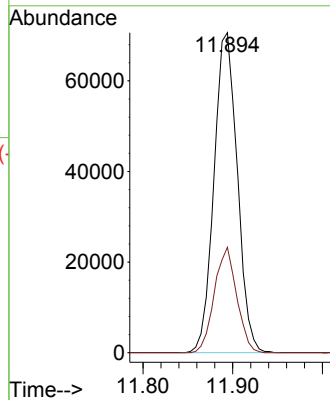
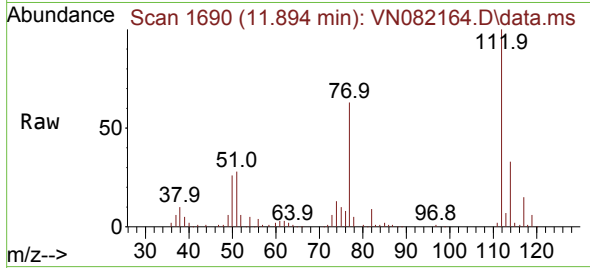




#65
Chlorobenzene
Concen: 18.964 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

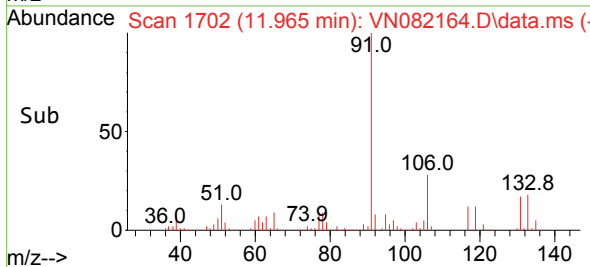
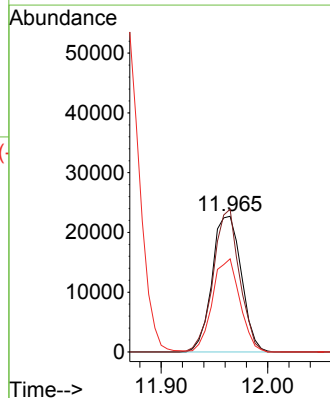
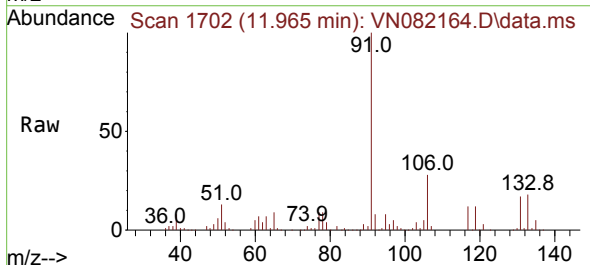
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

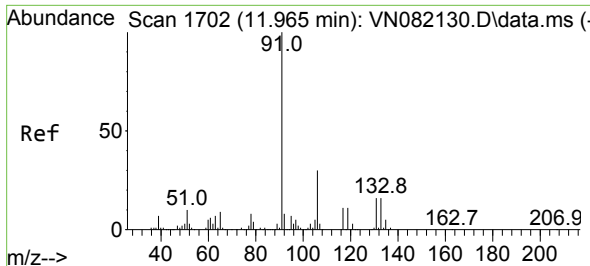
Tgt Ion:112 Resp: 127435
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.575 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion:131 Resp: 43329
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 64.4 32.9 98.7

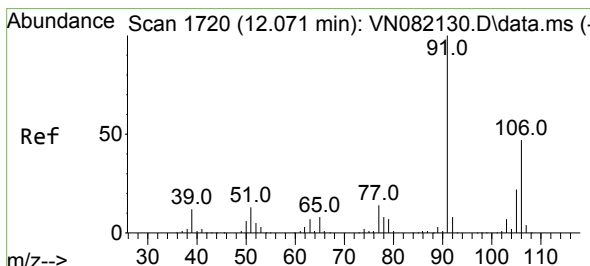
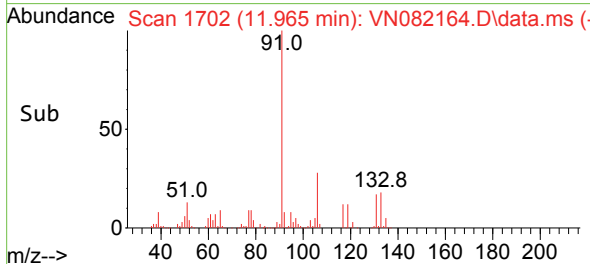
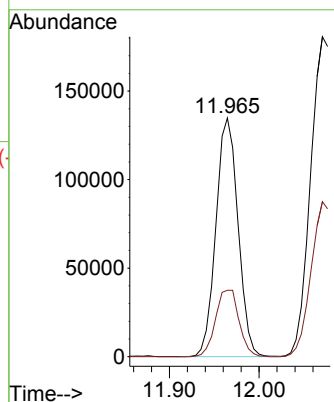
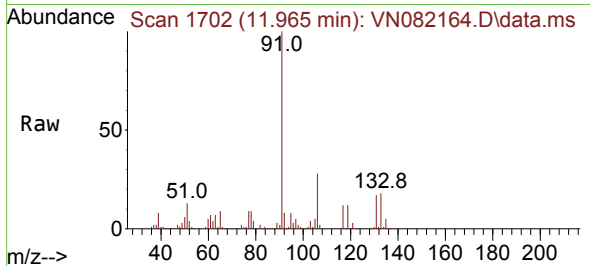




#67
Ethyl Benzene
Concen: 19.194 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

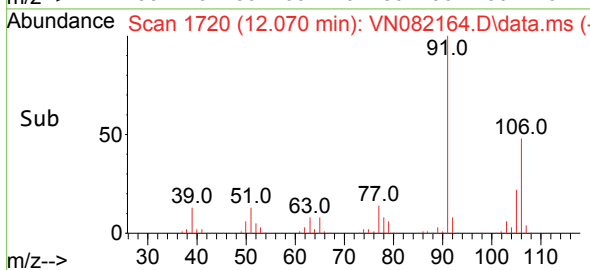
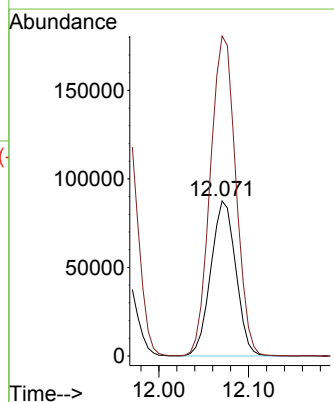
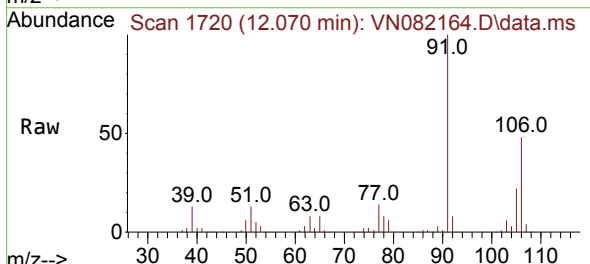
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

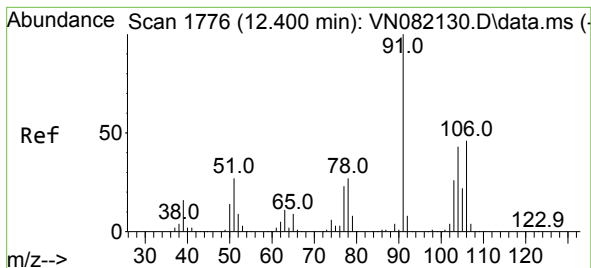
Tgt Ion: 91 Resp: 230732
Ion Ratio Lower Upper
91 100
106 27.8 25.3 37.9



#68
m/p-Xylenes
Concen: 38.468 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 106 Resp: 169480
Ion Ratio Lower Upper
106 100
91 210.6 159.4 239.0





#69

o-Xylene

Concen: 18.998 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

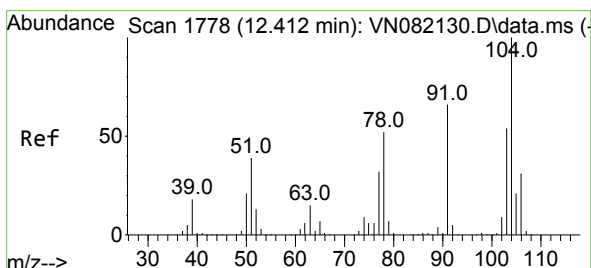
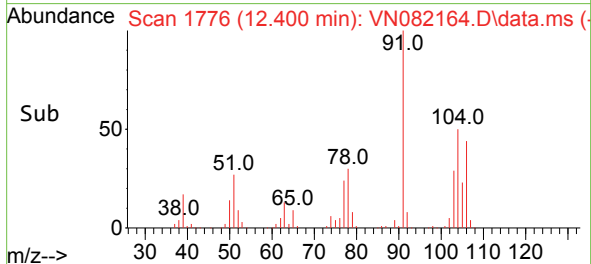
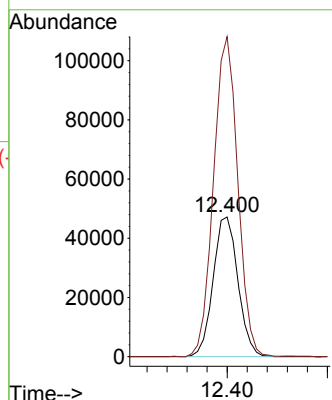
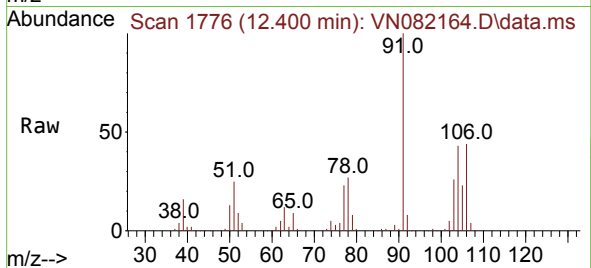
VN0516WBSD01

Tgt Ion:106 Resp: 81077

Ion Ratio Lower Upper

106 100

91 224.0 104.7 314.1



#70

Styrene

Concen: 19.266 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

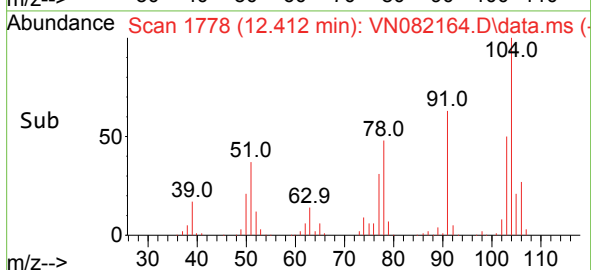
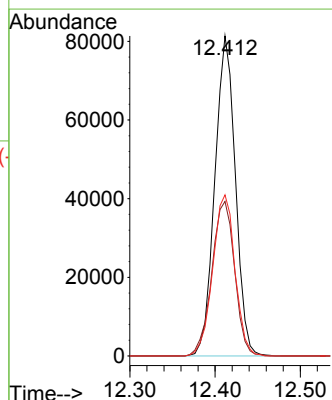
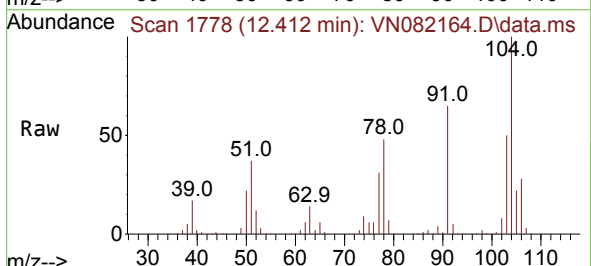
Tgt Ion:104 Resp: 136571

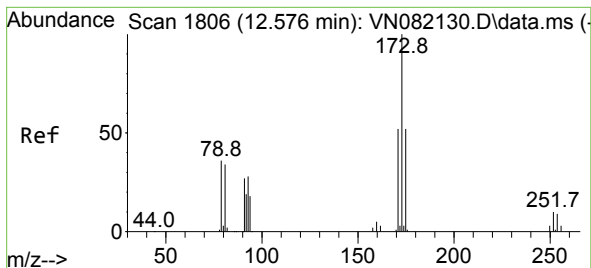
Ion Ratio Lower Upper

104 100

78 53.7 38.6 58.0

103 54.5 43.8 65.6





#71

Bromoform

Concen: 19.146 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

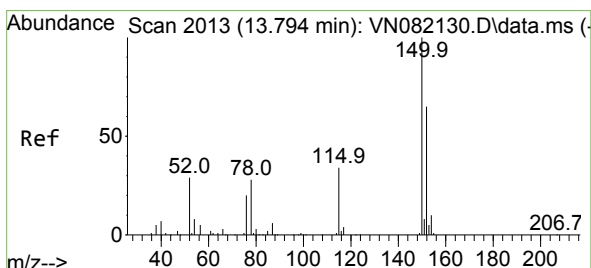
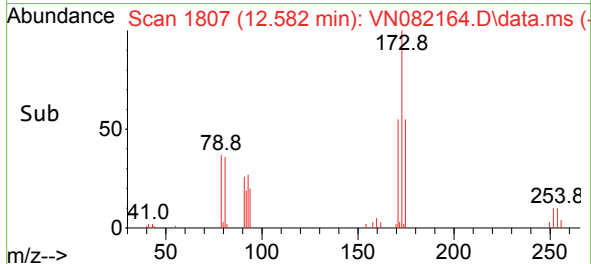
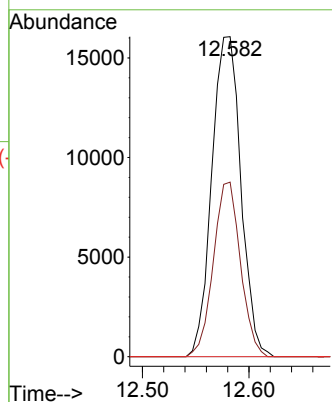
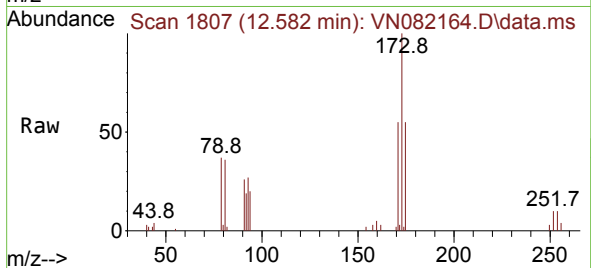
Tgt Ion:173 Resp: 30438

Ion Ratio Lower Upper

173 100

175 50.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

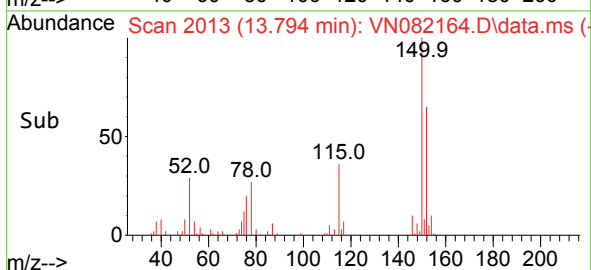
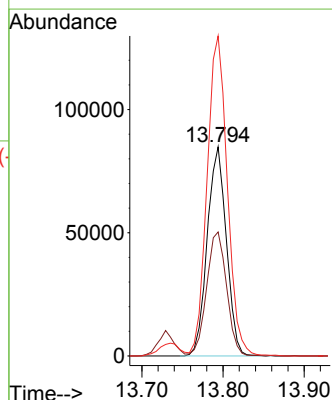
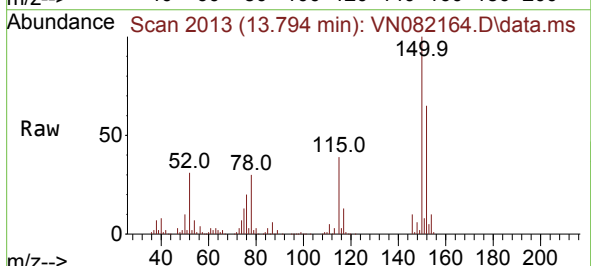
Tgt Ion:152 Resp: 138823

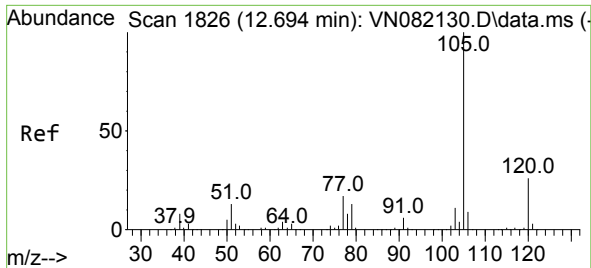
Ion Ratio Lower Upper

152 100

115 61.9 30.4 91.3

150 161.9 0.0 353.2

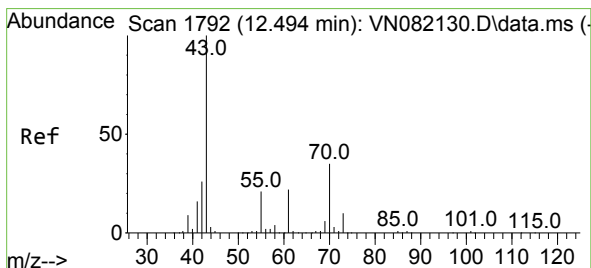
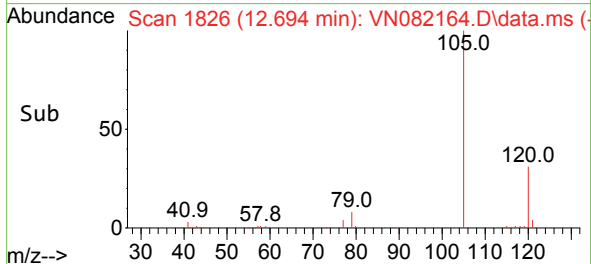
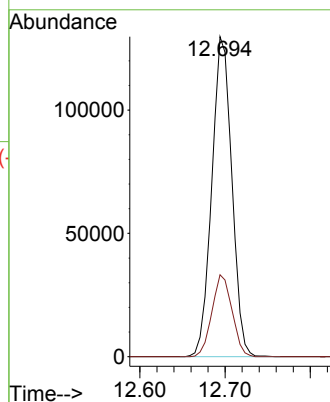
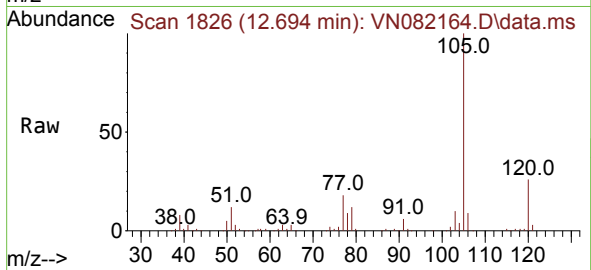




#73
Isopropylbenzene
Concen: 19.252 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

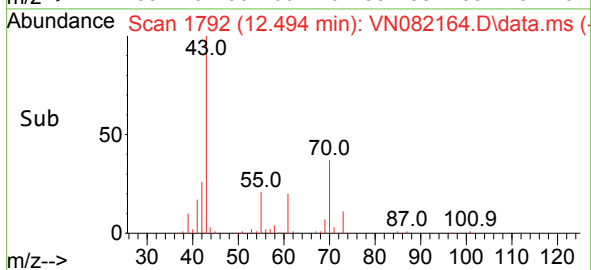
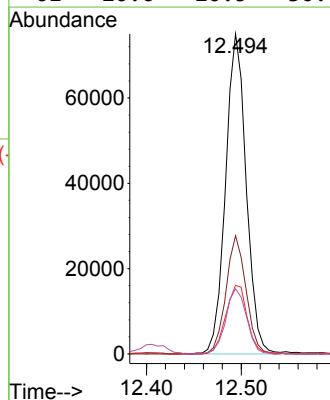
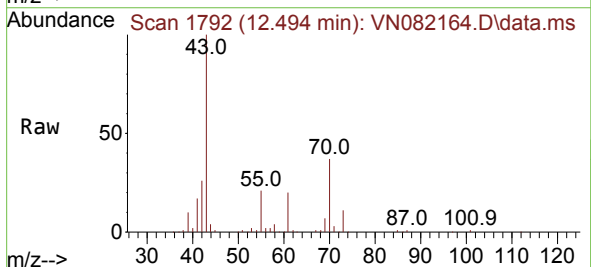
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

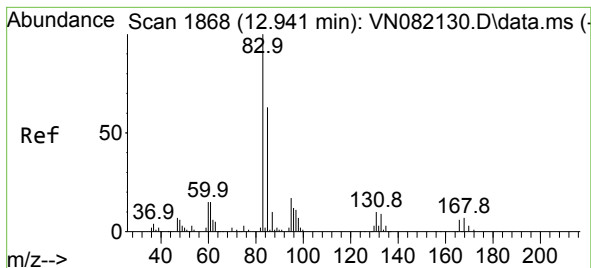
Tgt Ion:105 Resp: 212329
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 18.689 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 43 Resp: 113373
Ion Ratio Lower Upper
43 100
70 35.8 39.0 58.4#
55 22.7 21.3 31.9
61 20.6 20.5 30.7





#75

1,1,2-Tetrachloroethane

Concen: 18.429 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

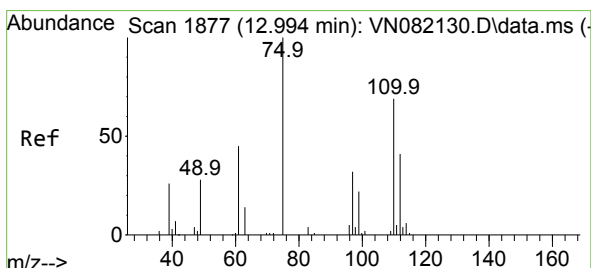
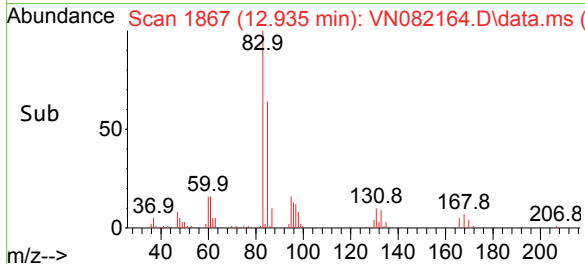
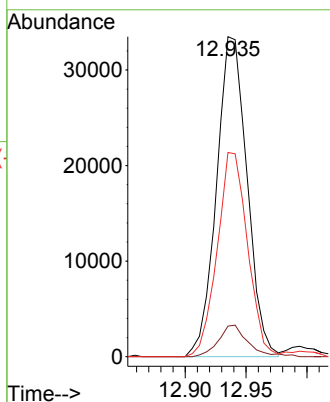
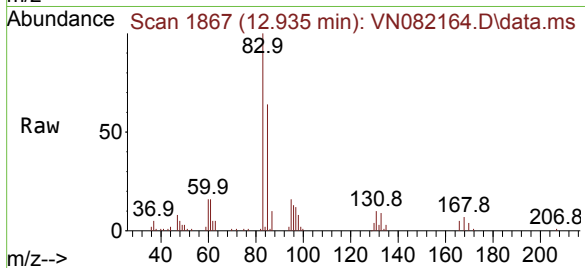
Tgt Ion: 83 Resp: 58588

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.4

85 63.1 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 27.798 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082164.D

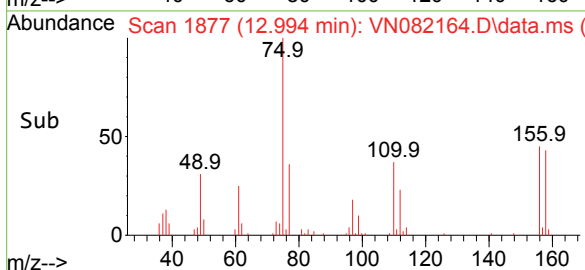
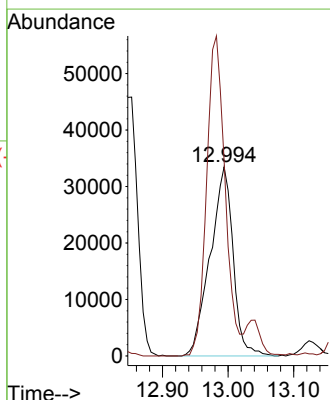
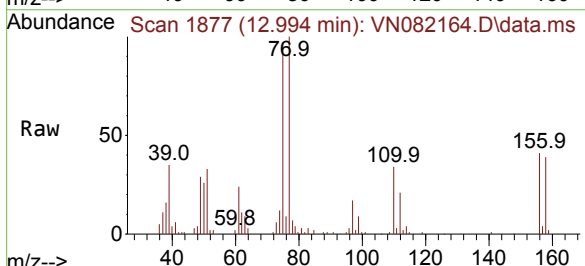
Acq: 16 May 2024 16:07

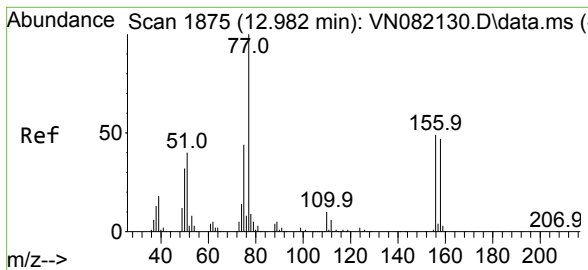
Tgt Ion: 75 Resp: 81223

Ion Ratio Lower Upper

75 100

77 136.3 90.5 271.3

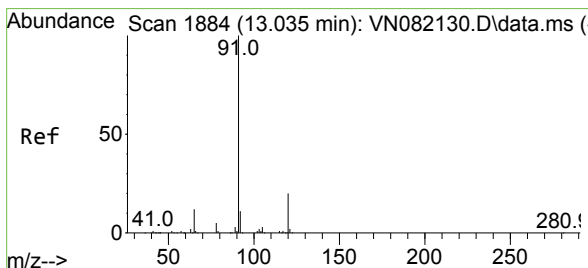
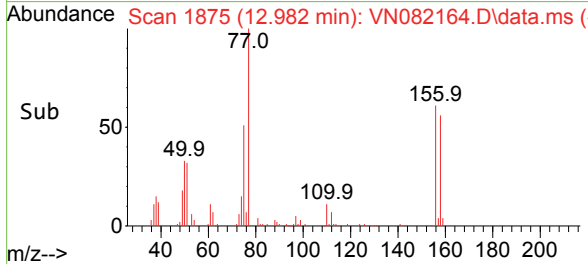
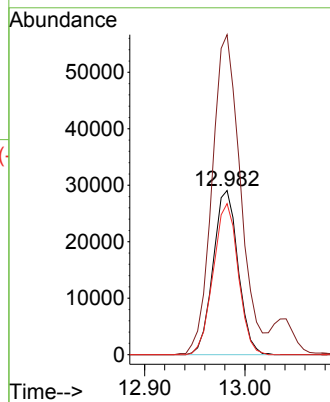
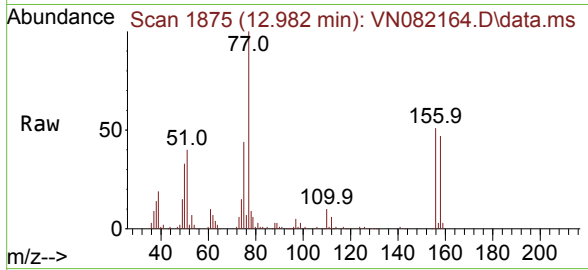




#77
Bromobenzene
Concen: 19.117 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

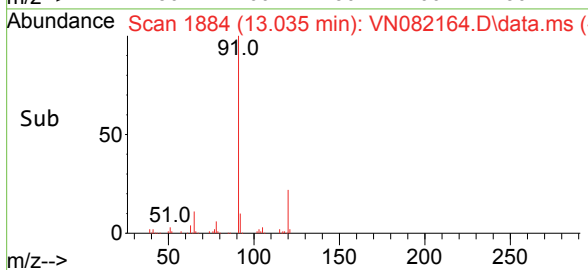
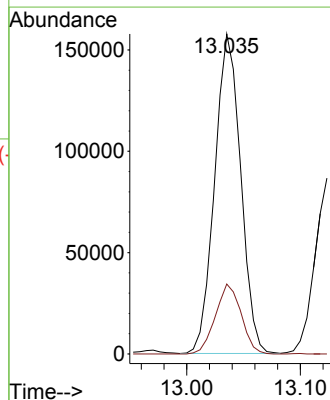
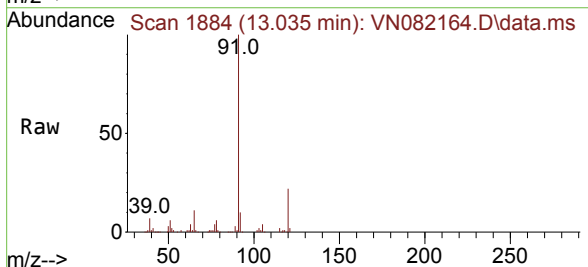
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

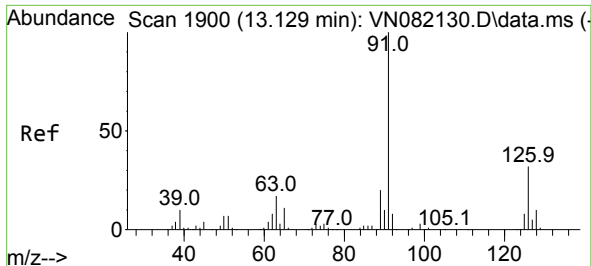
Tgt Ion:156 Resp: 50246
Ion Ratio Lower Upper
156 100
77 220.4 100.2 300.6
158 92.0 49.1 147.3



#78
n-propylbenzene
Concen: 19.209 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 91 Resp: 250863
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0

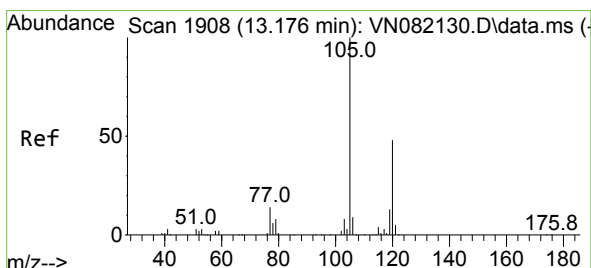
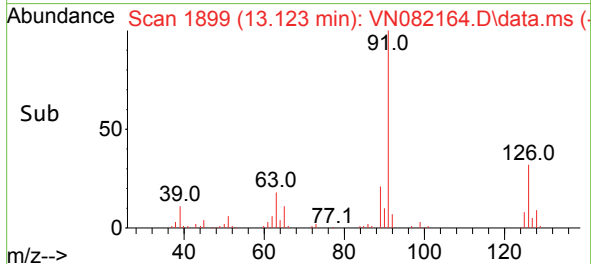
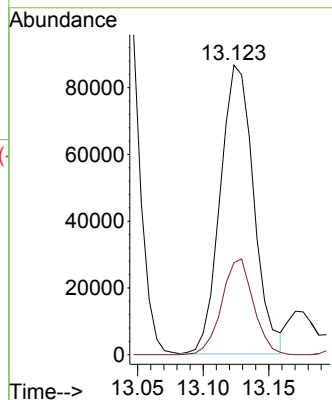
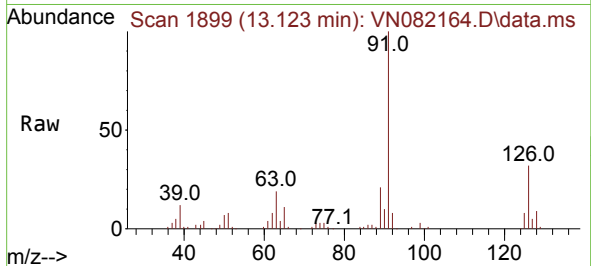




#79
2-Chlorotoluene
Concen: 18.760 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

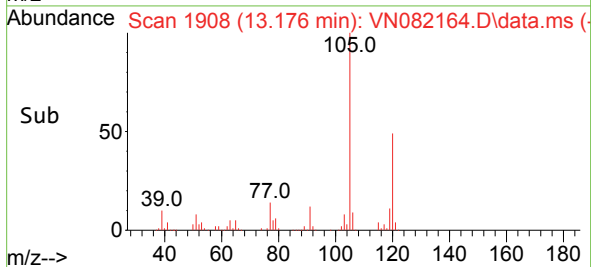
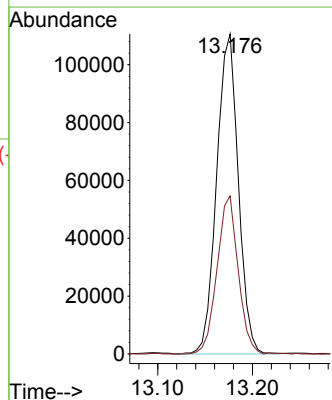
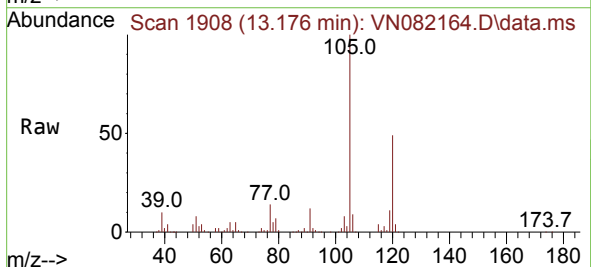
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

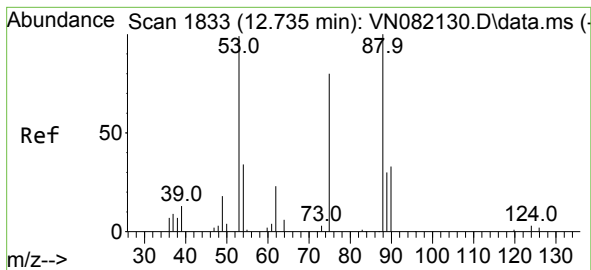
Tgt Ion: 91 Resp: 153848
Ion Ratio Lower Upper
91 100
126 31.3 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.711 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion:105 Resp: 175782
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.3

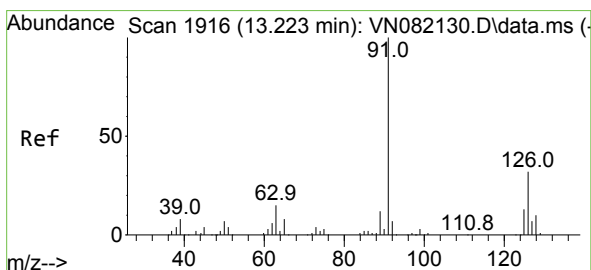
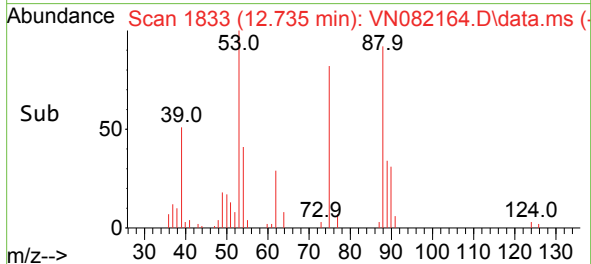
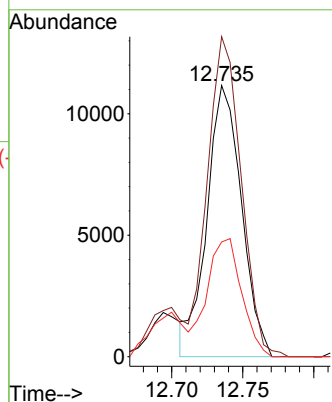
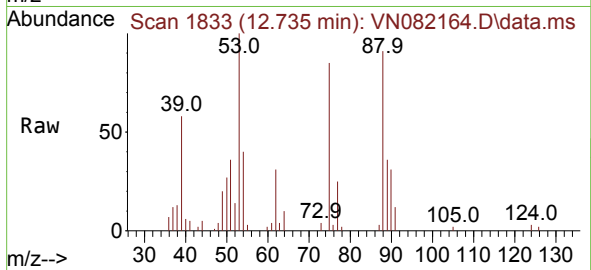




#81
trans-1,4-Dichloro-2-butene
Concen: 15.104 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

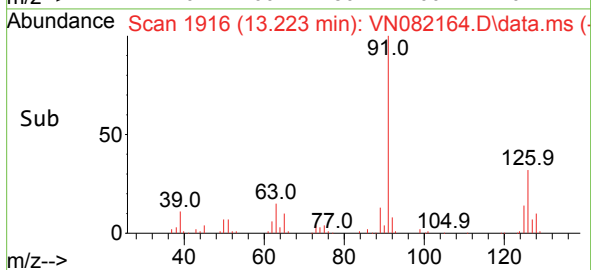
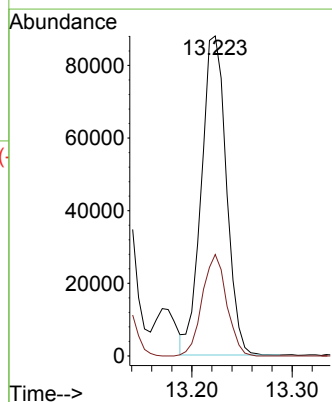
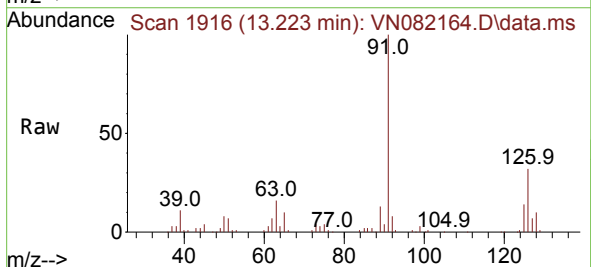
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

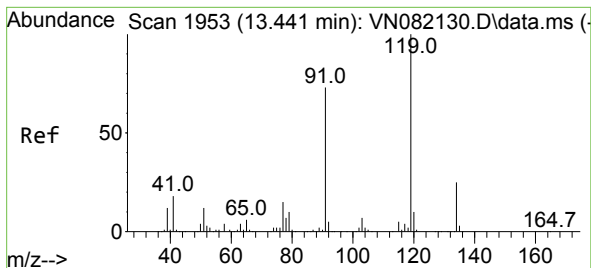
Tgt Ion: 75 Resp: 18868
Ion Ratio Lower Upper
75 100
53 114.5 72.9 109.3#
89 43.8 39.1 58.7



#82
4-Chlorotoluene
Concen: 18.974 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 91 Resp: 152133
Ion Ratio Lower Upper
91 100
126 31.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.272 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

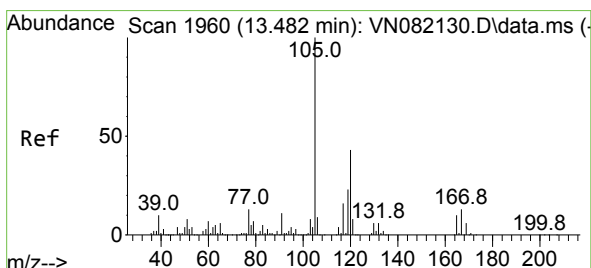
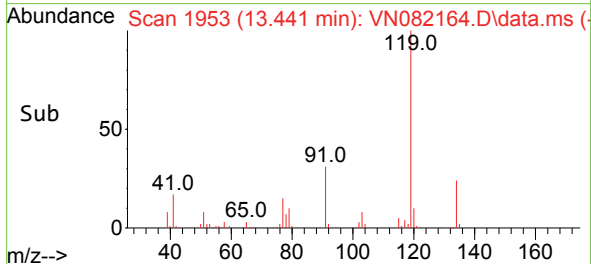
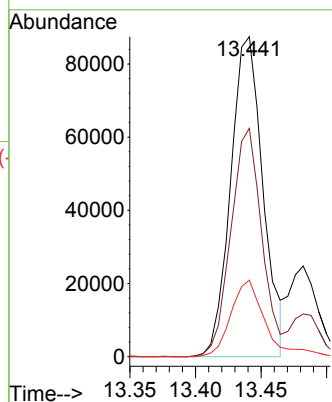
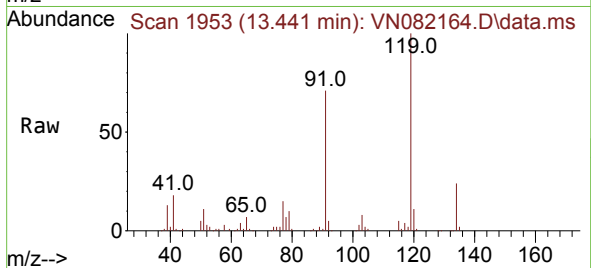
Tgt Ion:119 Resp: 150353

Ion Ratio Lower Upper

119 100

91 68.1 32.6 97.8

134 25.4 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 19.413 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082164.D

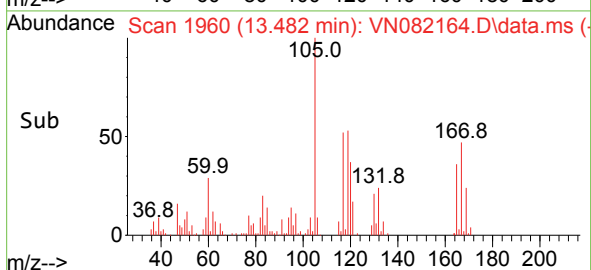
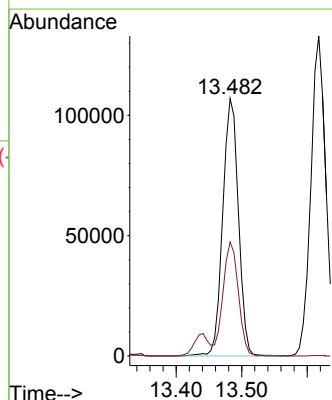
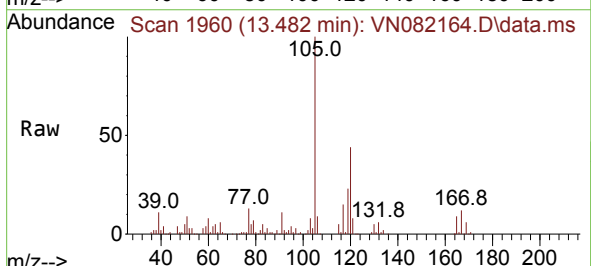
Acq: 16 May 2024 16:07

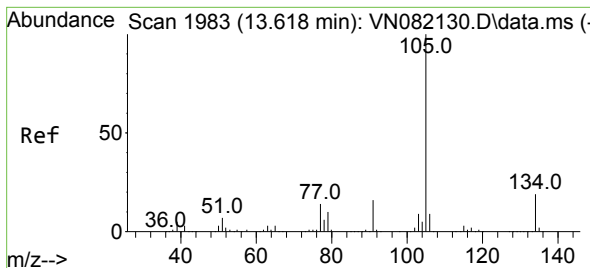
Tgt Ion:105 Resp: 177116

Ion Ratio Lower Upper

105 100

120 43.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.450 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

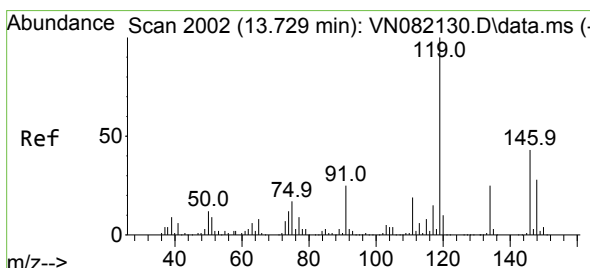
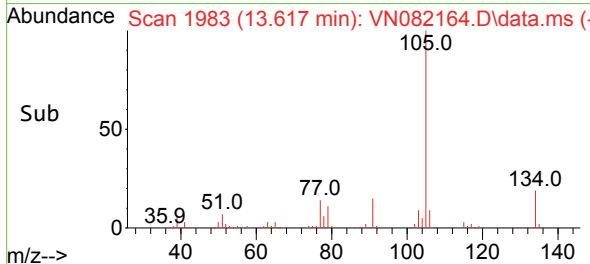
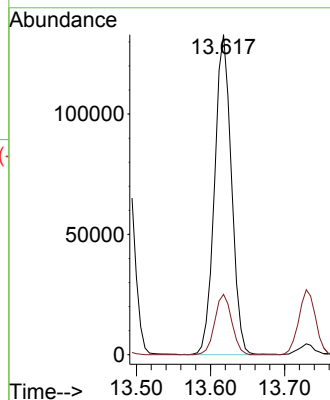
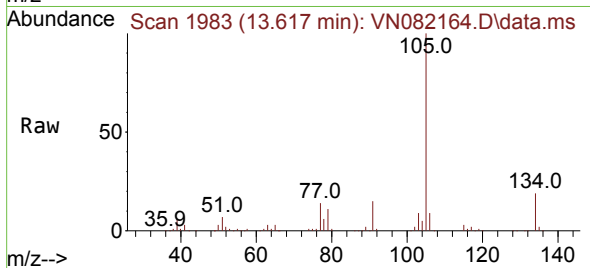
VN0516WBSD01

Tgt Ion:105 Resp: 210329

Ion Ratio Lower Upper

105 100

134 18.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.569 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

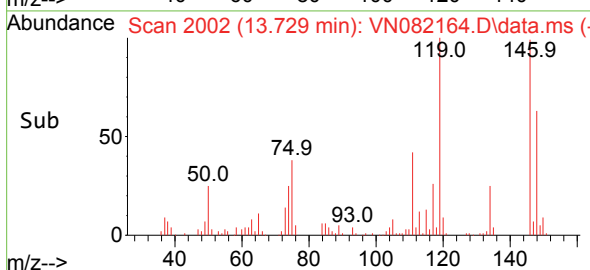
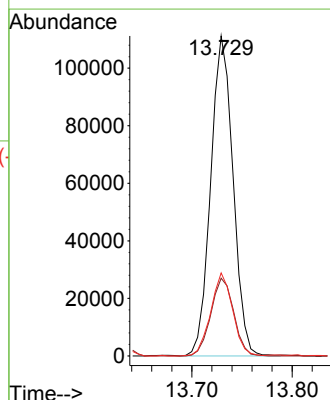
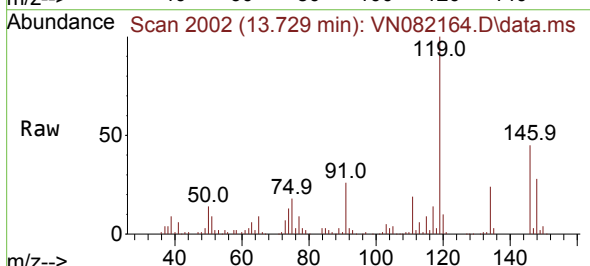
Tgt Ion:119 Resp: 171983

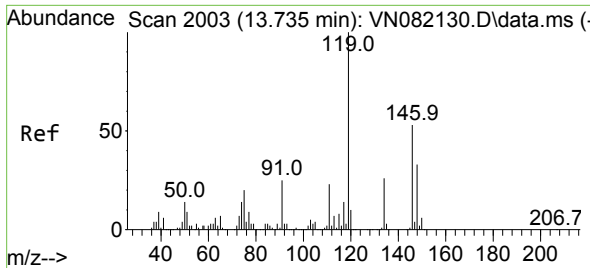
Ion Ratio Lower Upper

119 100

134 24.7 13.2 39.5

91 25.5 11.8 35.3

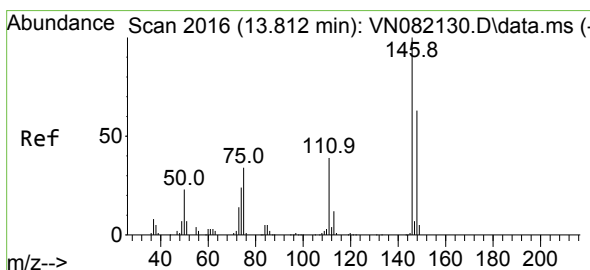
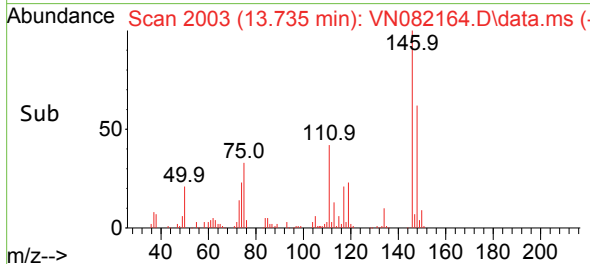
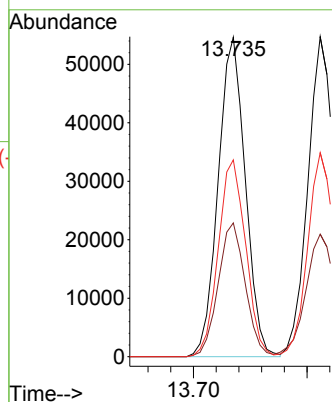
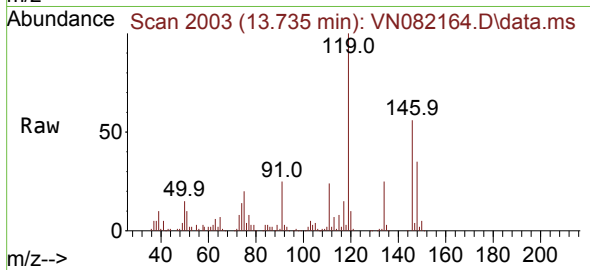




#87
 1,3-Dichlorobenzene
 Concen: 19.053 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

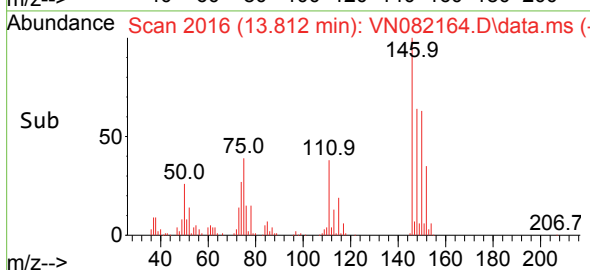
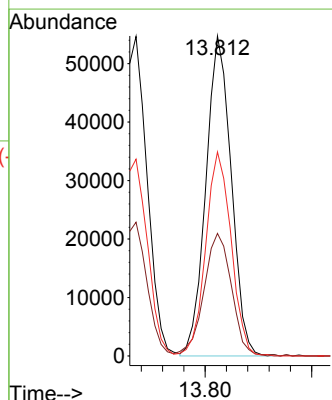
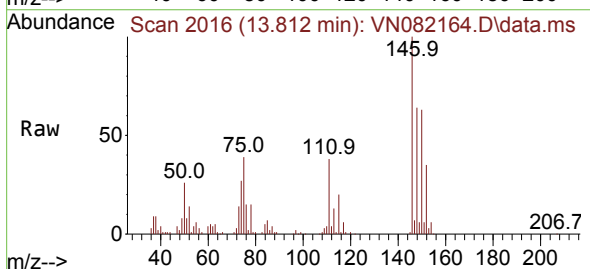
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

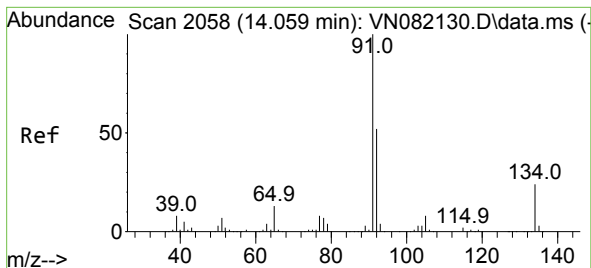
Tgt Ion:146 Resp: 90722
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 62.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.637 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082164.D
 Acq: 16 May 2024 16:07

Tgt Ion:146 Resp: 90575
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.3 57.9
 148 64.0 31.3 93.9





#89

n-Butylbenzene

Concen: 19.211 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

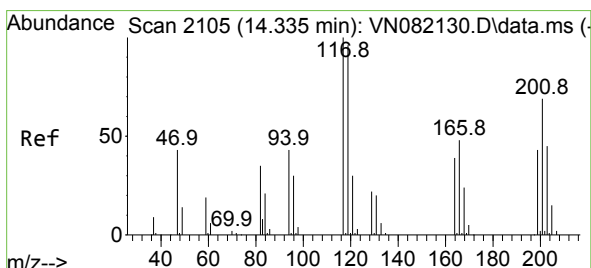
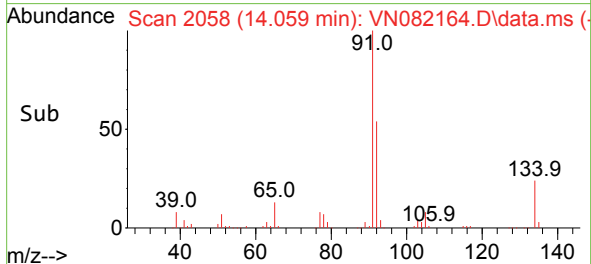
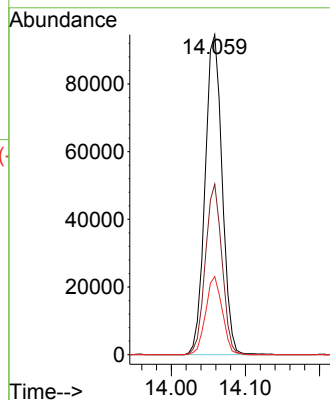
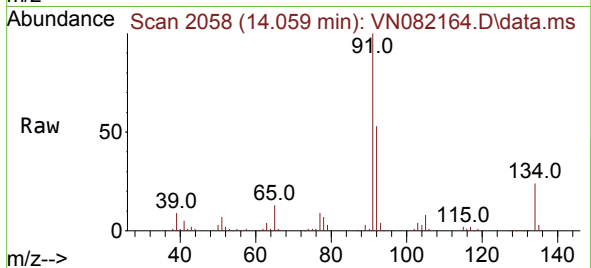
Tgt Ion: 91 Resp: 151746

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 23.8 13.2 39.5



#90

Hexachloroethane

Concen: 16.022 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082164.D

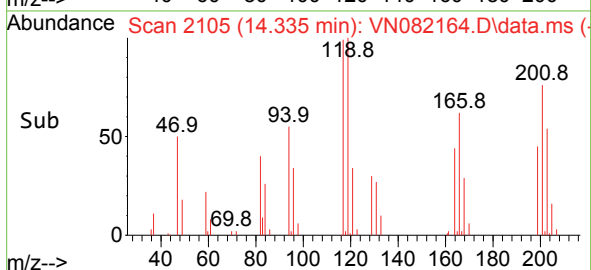
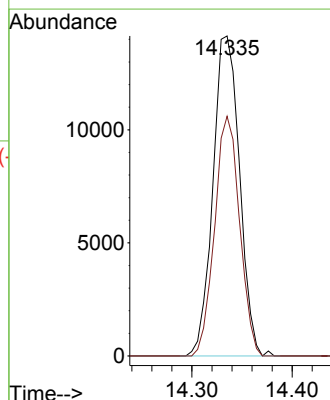
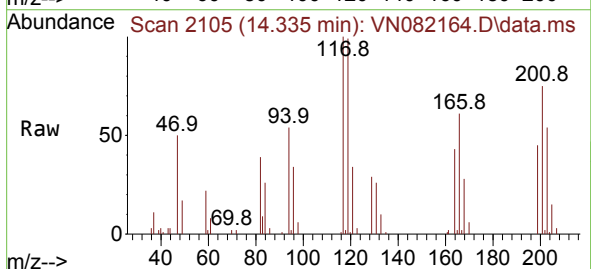
Acq: 16 May 2024 16:07

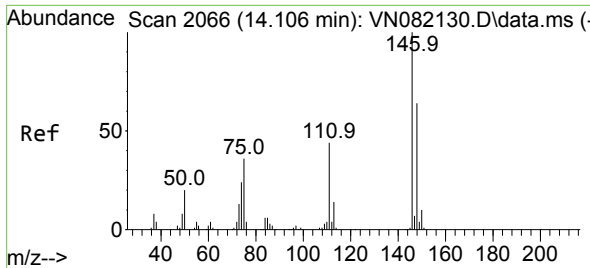
Tgt Ion: 117 Resp: 26088

Ion Ratio Lower Upper

117 100

201 70.2 33.3 99.8

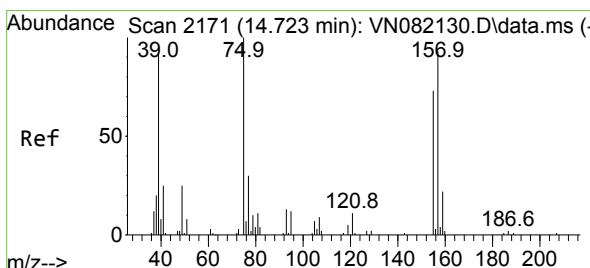
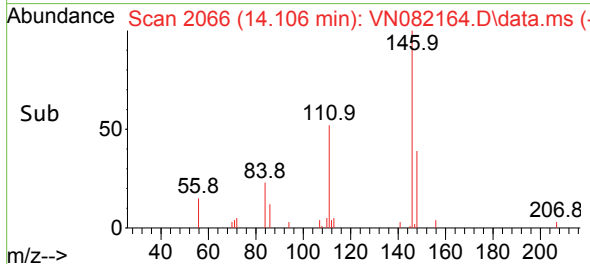
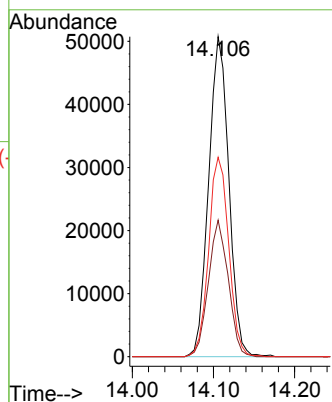
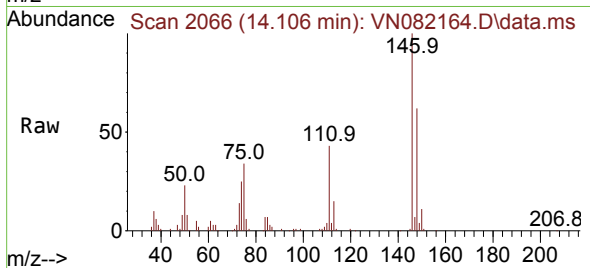




#91
1,2-Dichlorobenzene
Concen: 19.418 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

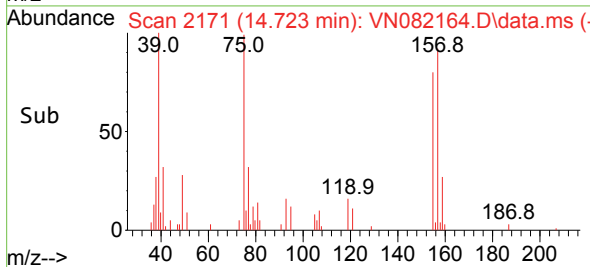
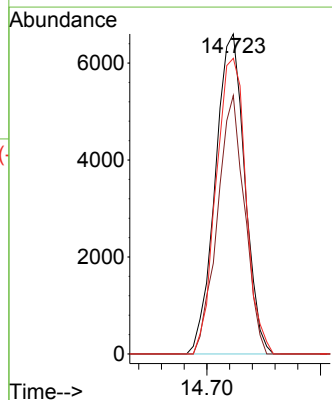
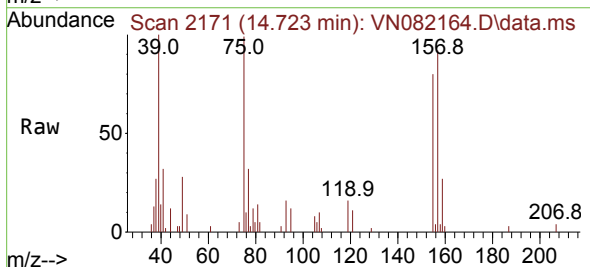
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

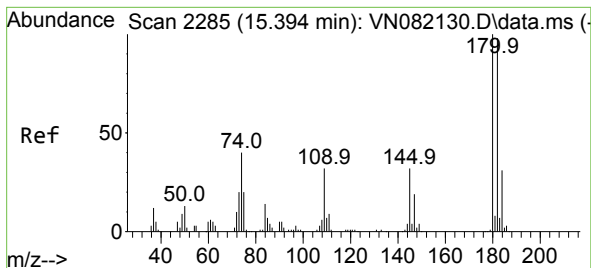
Tgt Ion:146 Resp: 87520
Ion Ratio Lower Upper
146 100
111 42.1 21.3 64.0
148 62.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.224 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082164.D
Acq: 16 May 2024 16:07

Tgt Ion: 75 Resp: 11904
Ion Ratio Lower Upper
75 100
155 74.5 42.6 128.0
157 93.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.808 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

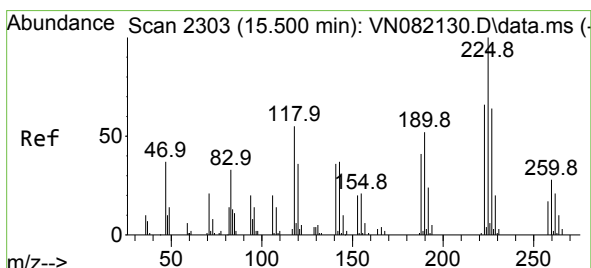
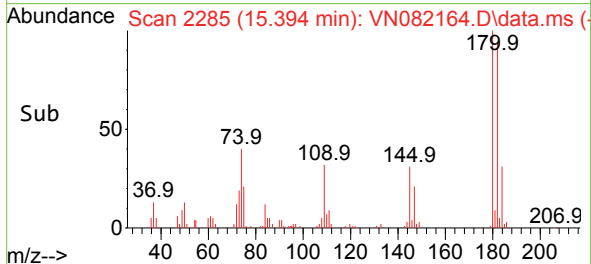
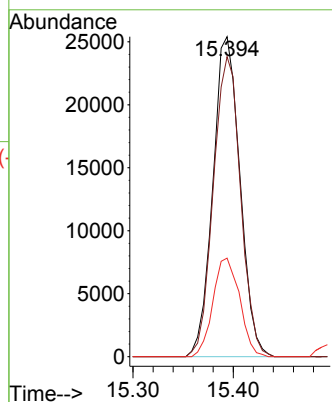
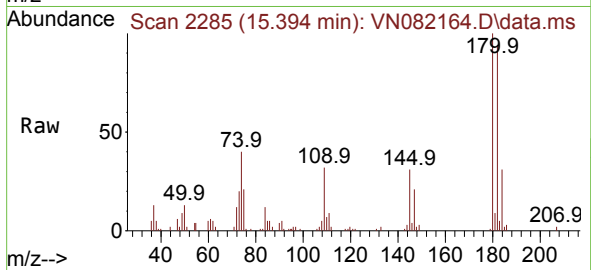
Tgt Ion:180 Resp: 47517

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.0

145 30.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 18.139 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

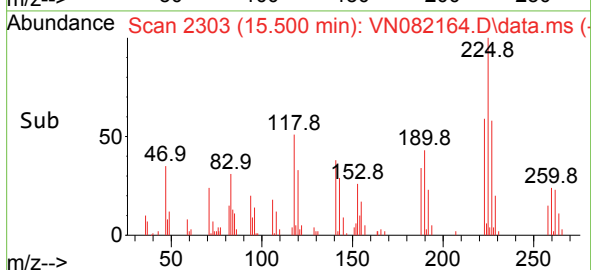
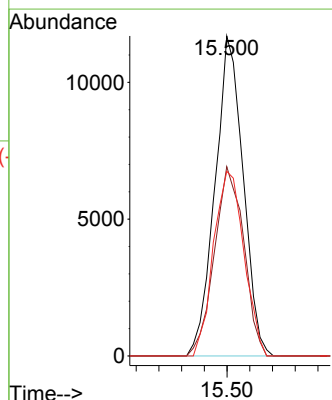
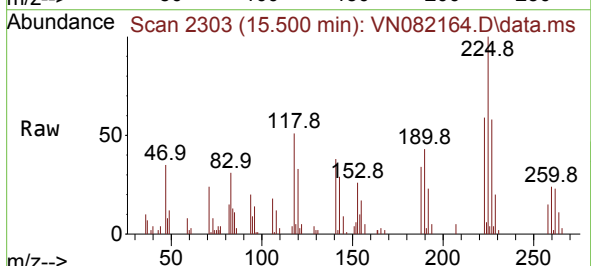
Tgt Ion:225 Resp: 20109

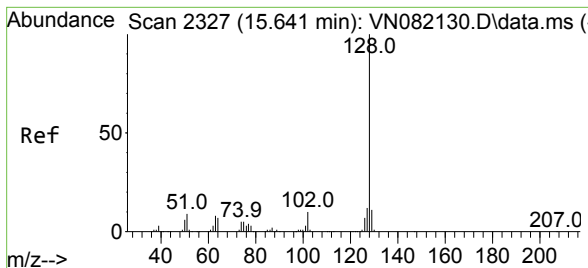
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.2

227 62.4 30.6 91.6





#95

Naphthalene

Concen: 19.986 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

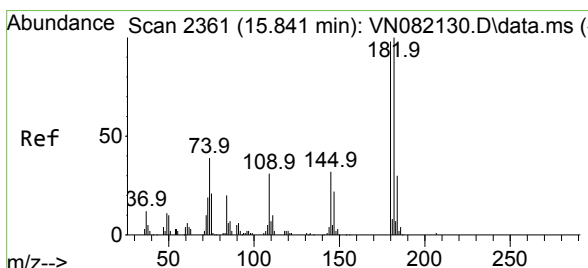
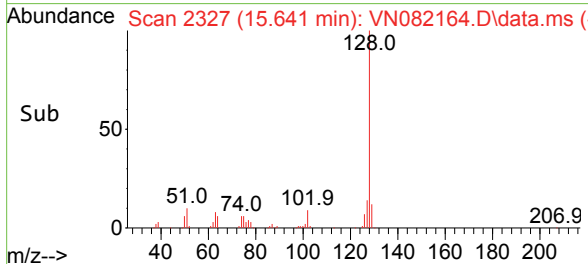
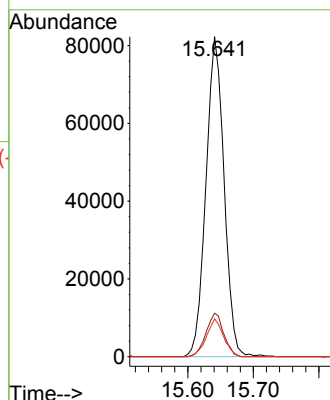
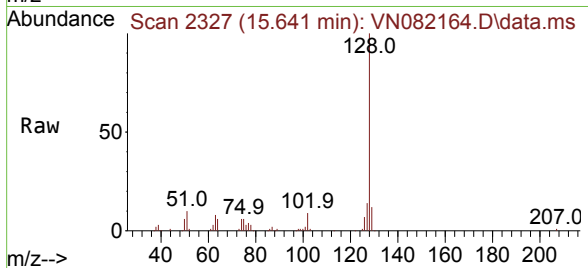
Tgt Ion:128 Resp: 158243

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.121 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082164.D

Acq: 16 May 2024 16:07

Tgt Ion:180 Resp: 48362

Ion Ratio Lower Upper

180 100

182 96.2 46.0 137.8

145 35.3 17.1 51.3

