

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082401.D
 Acq On : 31 May 2024 12:21
 Operator : JC\MD
 Sample : VN0531WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

Quant Time: May 31 22:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139714	52.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.060%	
35) Dibromofluoromethane	8.171	113	96168	54.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.380%	
50) Toluene-d8	10.565	98	345113	51.189	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.847	95	124562	51.764	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44756	18.254	ug/l	98
3) Chloromethane	2.360	50	49594	17.848	ug/l	100
4) Vinyl Chloride	2.518	62	67052	25.669	ug/l	97
5) Bromomethane	2.965	94	31423	20.928	ug/l	94
6) Chloroethane	3.124	64	32604	19.115	ug/l	95
7) Trichlorofluoromethane	3.501	101	69420	20.295	ug/l	98
8) Diethyl Ether	3.959	74	27184	22.308	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	40606	20.322	ug/l	99
10) Methyl Iodide	4.589	142	37873	18.854	ug/l	98
11) Tert butyl alcohol	5.518	59	43336	100.538	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36463	19.633	ug/l #	81
13) Acrolein	4.177	56	33216	103.989	ug/l	99
14) Allyl chloride	5.024	41	82193	20.671	ug/l #	89
15) Acrylonitrile	5.712	53	121675	108.994	ug/l	99
16) Acetone	4.430	43	109185	99.121	ug/l #	87
17) Carbon Disulfide	4.712	76	94268	15.715	ug/l	97
18) Methyl Acetate	5.018	43	64793	23.619	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	152727	22.498	ug/l	100
20) Methylene Chloride	5.277	84	46267	20.818	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	39636	19.584	ug/l #	78
22) Diisopropyl ether	6.671	45	179247	21.588	ug/l #	93
23) Vinyl Acetate	6.600	43	691371	105.611	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	90077	21.048	ug/l	98
25) 2-Butanone	7.483	43	171526	102.704	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	75730	21.126	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	50429	21.113	ug/l	82
28) Bromochloromethane	7.812	49	39893	20.834	ug/l #	76
29) Tetrahydrofuran	7.836	42	111824	104.285	ug/l #	84
30) Chloroform	7.965	83	91765	22.454	ug/l	99
31) Cyclohexane	8.259	56	72848	16.986	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	77406	21.349	ug/l	94
36) 1,1-Dichloropropene	8.371	75	58265	19.756	ug/l	97
37) Ethyl Acetate	7.559	43	72163	21.864	ug/l #	94
38) Carbon Tetrachloride	8.365	117	65205	21.810	ug/l	95
39) Methylcyclohexane	9.606	83	61776	19.109	ug/l #	88
40) Benzene	8.606	78	189393	21.535	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41312	21.283	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	76567	22.637	ug/l	95
43) Isopropyl Acetate	8.689	43	129293	22.107	ug/l #	89
44) Trichloroethene	9.353	130	41757	20.902	ug/l	92
45) 1,2-Dichloropropane	9.618	63	49144	21.657	ug/l	95
46) Dibromomethane	9.712	93	34037	22.847	ug/l	98
47) Bromodichloromethane	9.888	83	73172	23.266	ug/l	98
48) Methyl methacrylate	9.677	41	63661	22.844	ug/l #	81
49) 1,4-Dioxane	9.700	88	17618	451.162	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	376888	113.422	ug/l	90
52) Toluene	10.630	92	116078	21.994	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	74700	22.966	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	77820	22.602	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	45926	23.945	ug/l	98
56) Ethyl methacrylate	10.877	69	74837	22.982	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	81368	22.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	184423	109.801	ug/l	91
59) 2-Hexanone	11.194	43	274241	112.716	ug/l	89
60) Dibromochloromethane	11.359	129	52448	24.779	ug/l	100
61) 1,2-Dibromoethane	11.471	107	44530	22.604	ug/l	99
64) Tetrachloroethene	11.106	164	42099	21.739	ug/l	95
65) Chlorobenzene	11.894	112	125237	21.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44688	23.504	ug/l	99
67) Ethyl Benzene	11.965	91	223635	21.659	ug/l	97
68) m/p-Xylenes	12.071	106	162818	43.025	ug/l	94
69) o-Xylene	12.400	106	78973	21.544	ug/l	93
70) Styrene	12.412	104	134215	22.043	ug/l	95
71) Bromoform	12.576	173	34944	23.486	ug/l #	94
73) Isopropylbenzene	12.694	105	205852	21.464	ug/l	97
74) N-amyl acetate	12.494	43	109385	20.735	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	62640	22.658	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	86829	34.172	ug/l	64
77) Bromobenzene	12.982	156	49781	21.780	ug/l	88
78) n-propylbenzene	13.035	91	238649	21.013	ug/l	97
79) 2-Chlorotoluene	13.124	91	150600	21.118	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	167818	21.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26091	24.017	ug/l #	87
82) 4-Chlorotoluene	13.224	91	148492	21.296	ug/l	96
83) tert-Butylbenzene	13.441	119	144263	21.264	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	169522	21.367	ug/l	99
85) sec-Butylbenzene	13.618	105	200466	21.318	ug/l	98
86) p-Isopropyltoluene	13.729	119	166042	21.726	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	91403	22.074	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	91013	21.535	ug/l	97
89) n-Butylbenzene	14.059	91	141866	20.653	ug/l	98
90) Hexachloroethane	14.329	117	30607	21.615	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	88687	22.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12923	22.751	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	46766	21.286	ug/l	95
94) Hexachlorobutadiene	15.500	225	20146	20.897	ug/l	98
95) Naphthalene	15.641	128	153824	22.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47193	21.457	ug/l	99

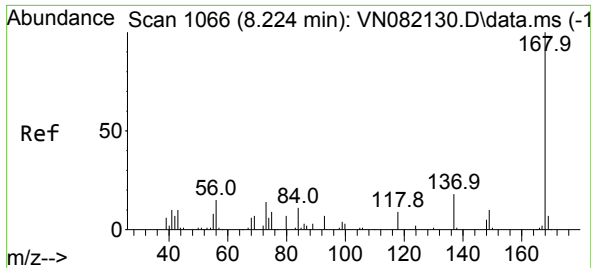
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

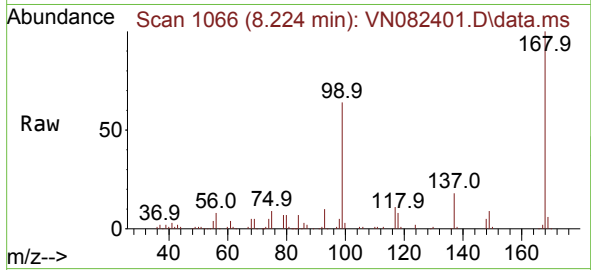
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

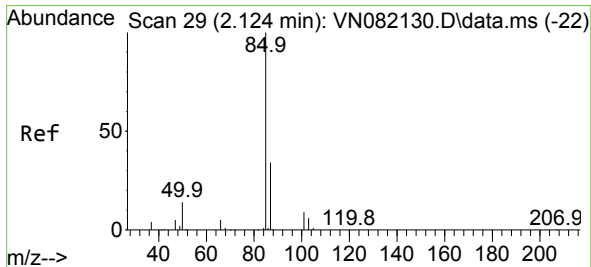
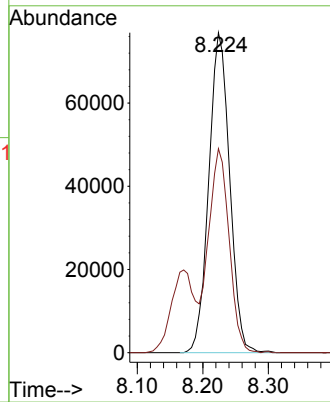
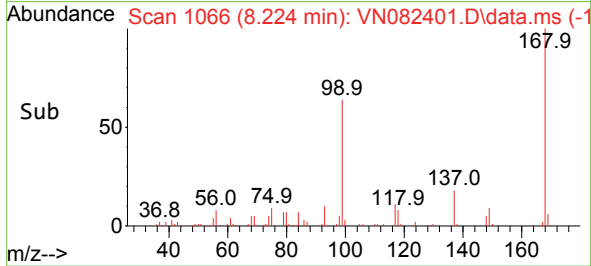


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

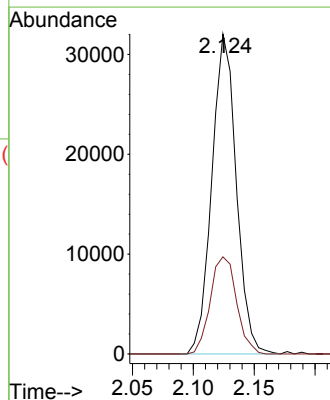
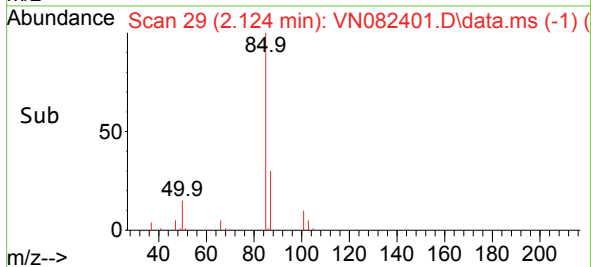
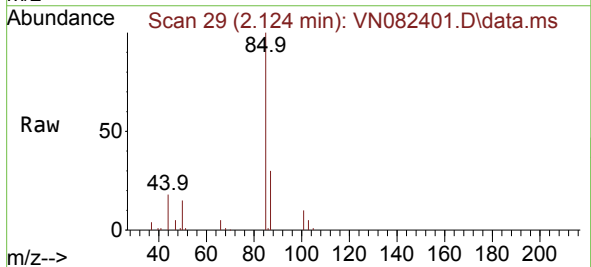


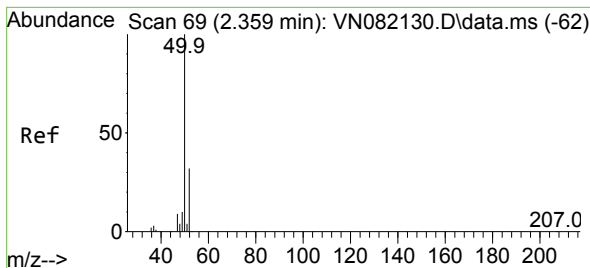
Tgt Ion:168 Resp: 170057
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 18.254 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 85 Resp: 44756
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





#3

Chloromethane

Concen: 17.848 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

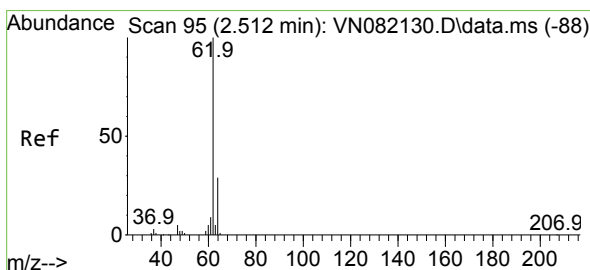
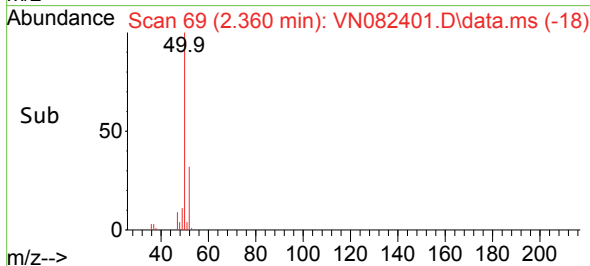
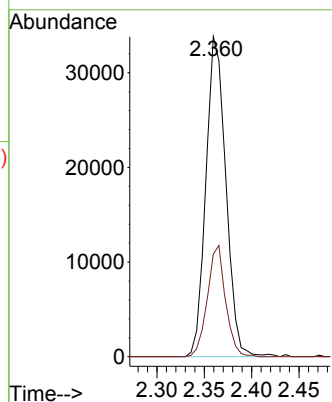
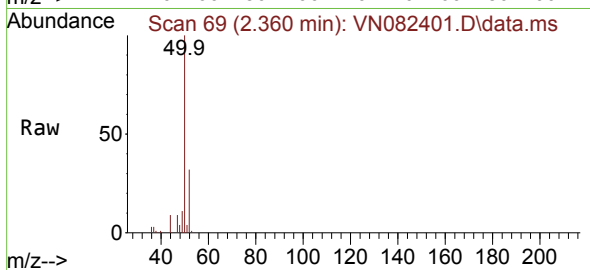
VN0531WBSD01

Tgt Ion: 50 Resp: 49594

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 25.669 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN082401.D

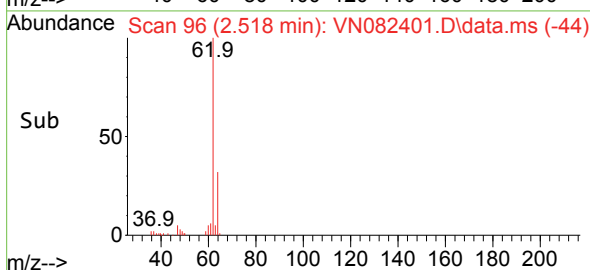
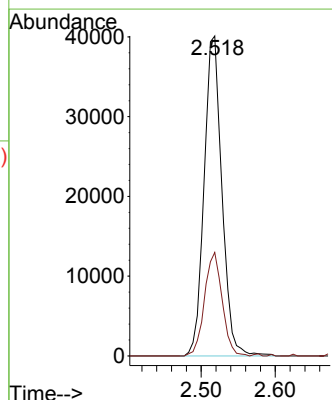
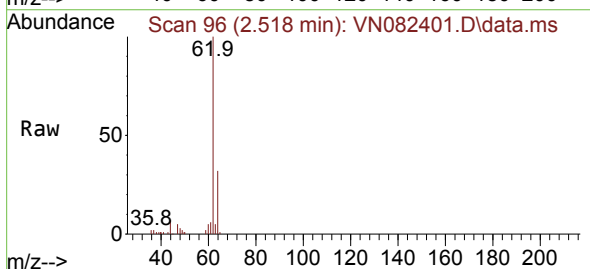
Acq: 31 May 2024 12:21

Tgt Ion: 62 Resp: 67052

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0

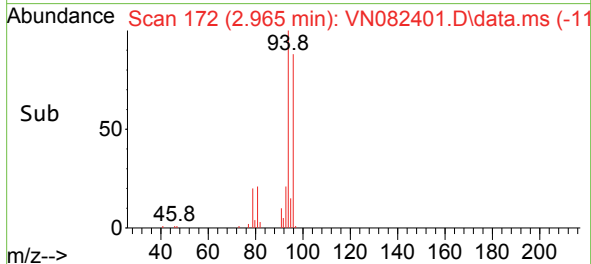
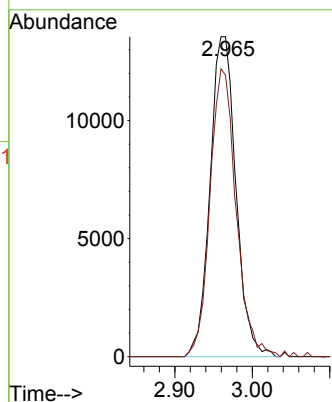
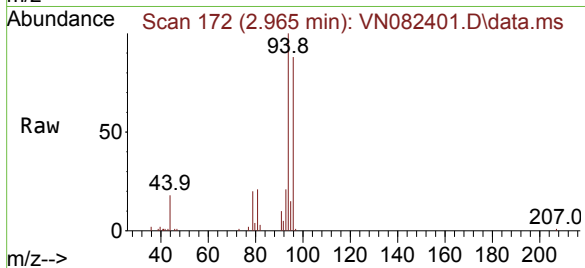




#5
Bromomethane
Concen: 20.928 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

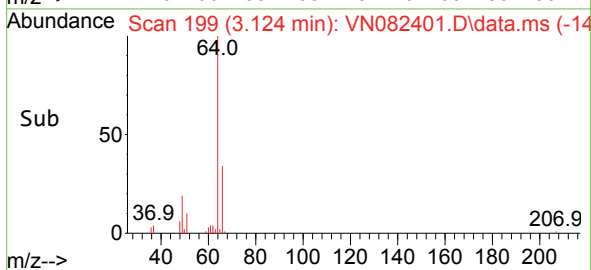
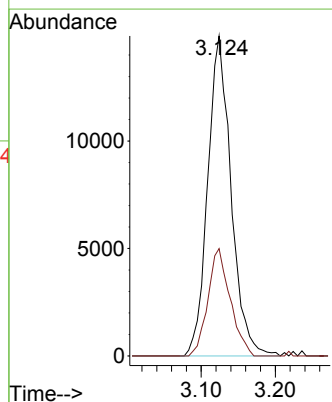
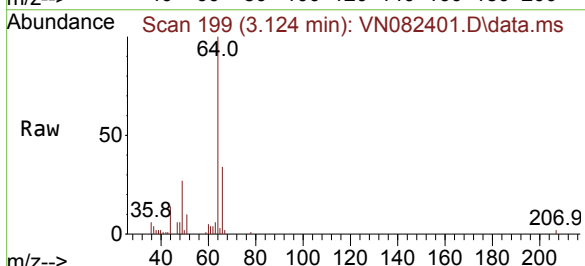
Instrument :
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ClientSampleId :
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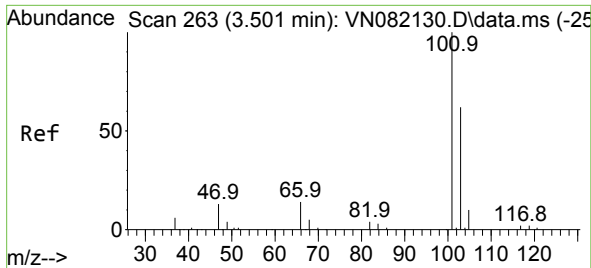
Tgt Ion: 94 Resp: 31423
Ion Ratio Lower Upper
94 100
96 88.0 74.8 112.2



#6
Chloroethane
Concen: 19.115 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 64 Resp: 32604
Ion Ratio Lower Upper
64 100
66 33.6 24.7 37.1

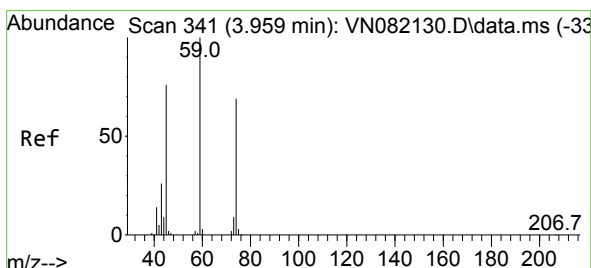
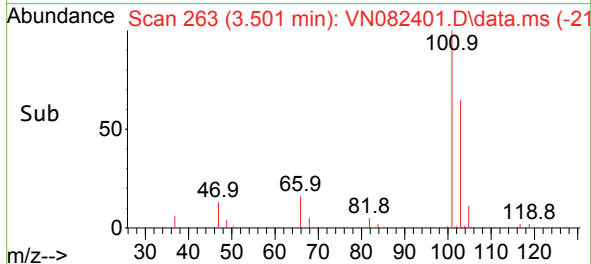
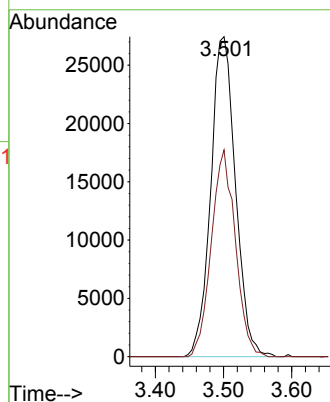
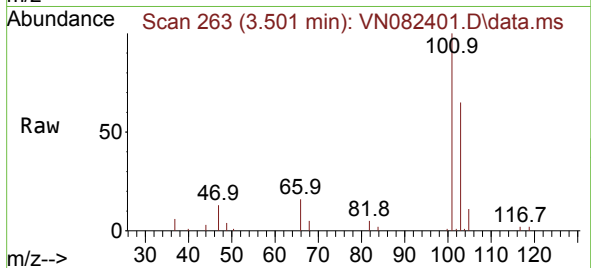




#7
Trichlorofluoromethane
Concen: 20.295 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082401.D
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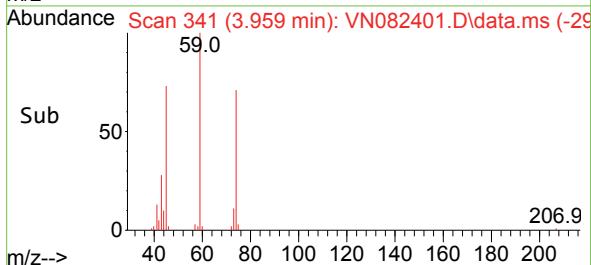
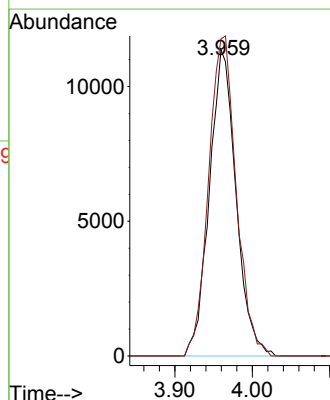
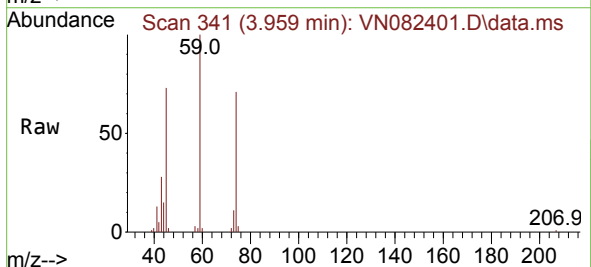
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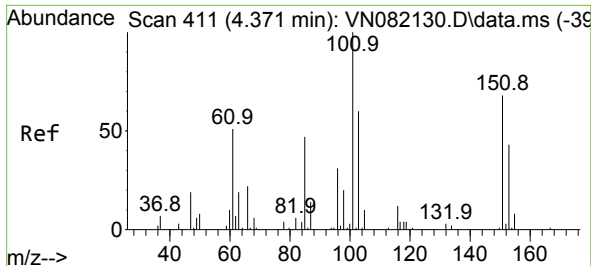
Tgt Ion:101 Resp: 69420
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8



#8
Diethyl Ether
Concen: 22.308 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 74 Resp: 27184
Ion Ratio Lower Upper
74 100
45 108.3 42.4 127.3

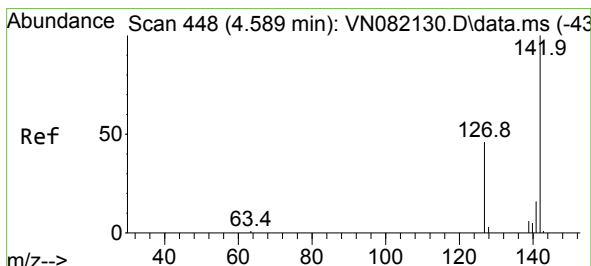
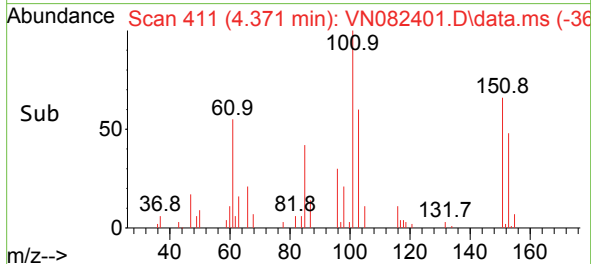
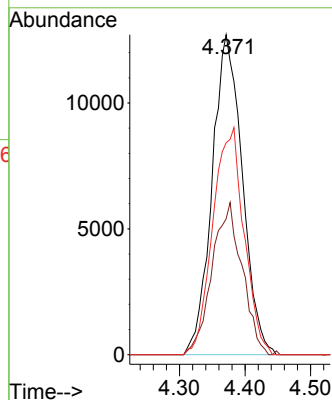
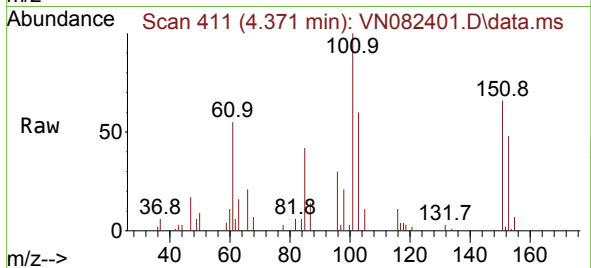




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.322 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

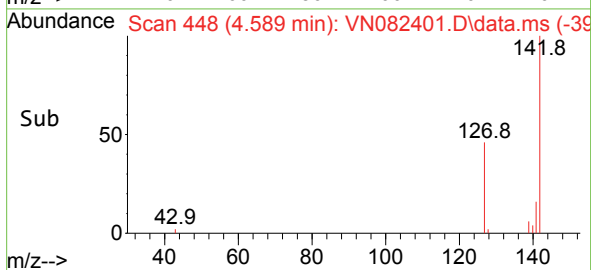
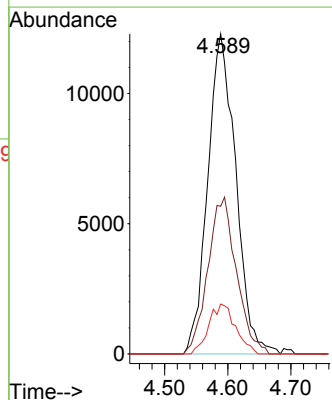
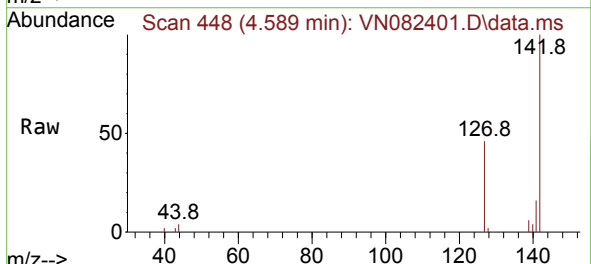
Instrument :
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VN0531WBSD01

Tgt Ion:101 Resp: 40606
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 73.3 59.2 88.8



#10
Methyl Iodide
Concen: 18.854 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:142 Resp: 37873
Ion Ratio Lower Upper
142 100
127 46.2 35.8 53.6
141 15.6 11.4 17.2

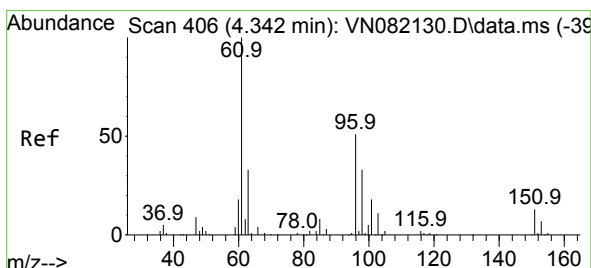
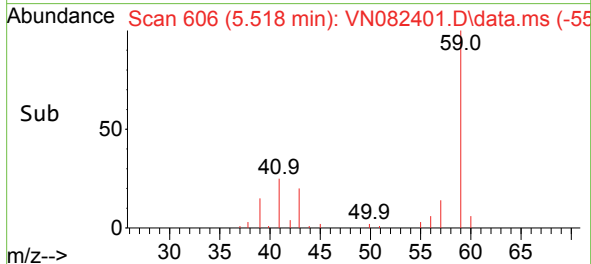
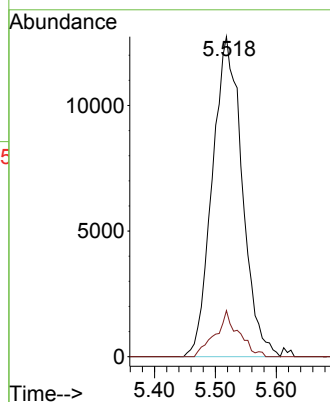
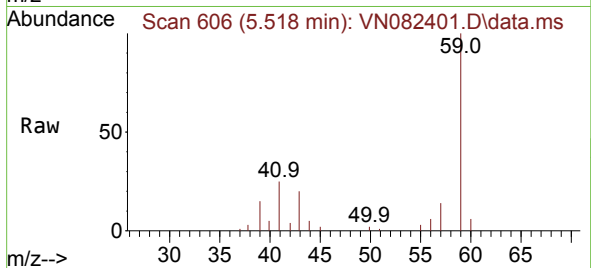




#11
Tert butyl alcohol
Concen: 100.538 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

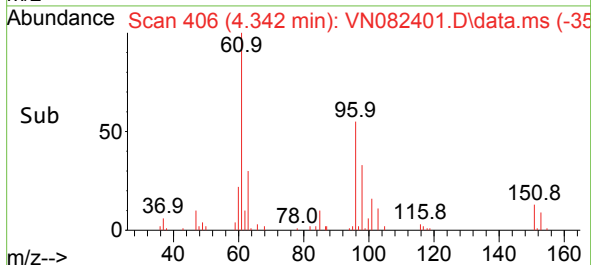
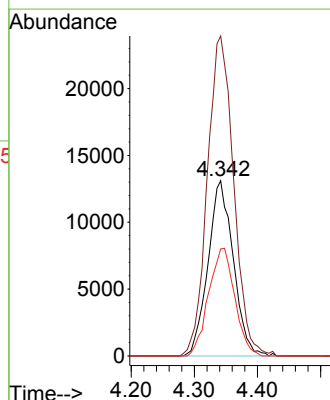
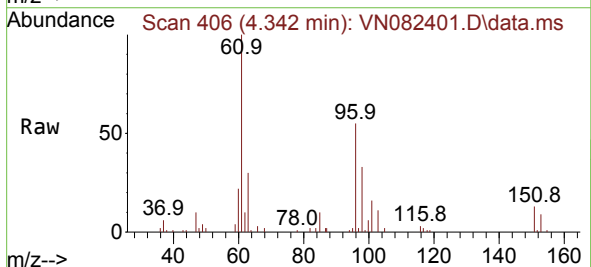
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

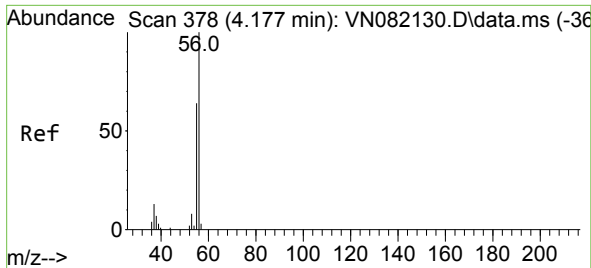
Tgt Ion: 59 Resp: 43336
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.633 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 96 Resp: 36463
Ion Ratio Lower Upper
96 100
61 182.6 119.7 179.5#
98 61.1 49.6 74.4





#13

Acrolein

Concen: 103.989 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

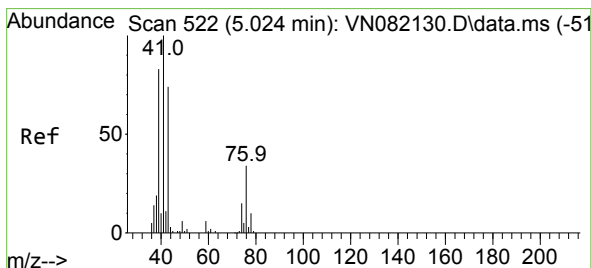
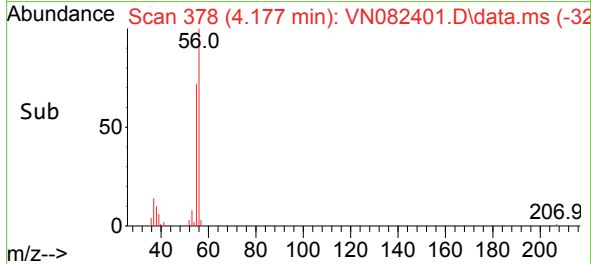
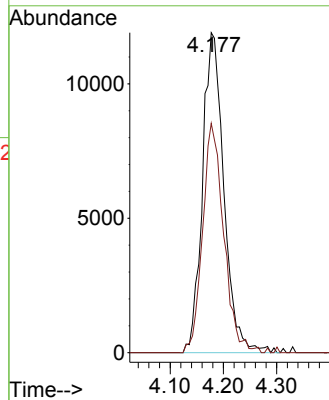
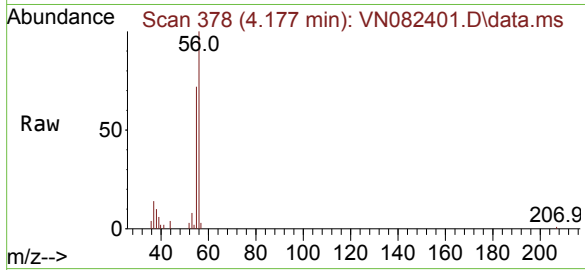
VN0531WBSD01

Tgt Ion: 56 Resp: 33216

Ion Ratio Lower Upper

56 100

55 70.7 55.8 83.8



#14

Allyl chloride

Concen: 20.671 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

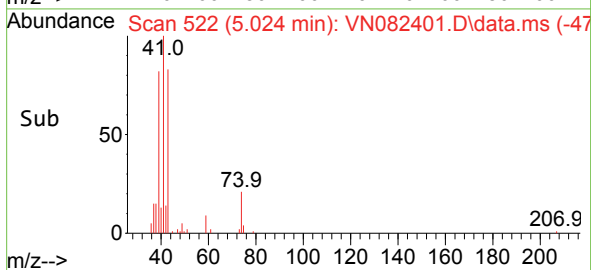
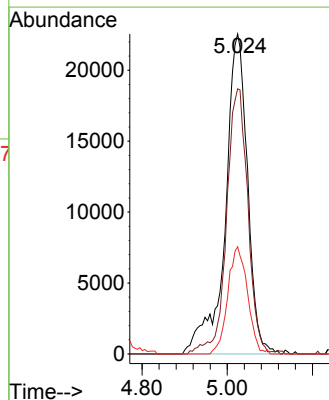
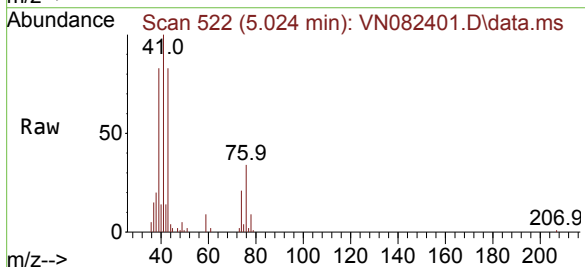
Tgt Ion: 41 Resp: 82193

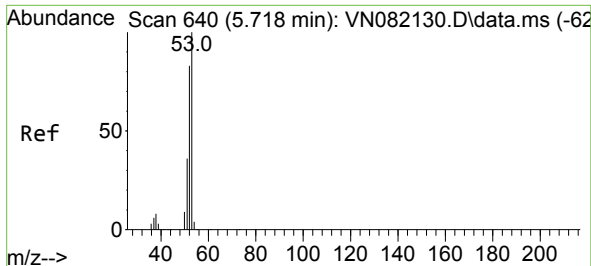
Ion Ratio Lower Upper

41 100

39 78.8 65.4 98.0

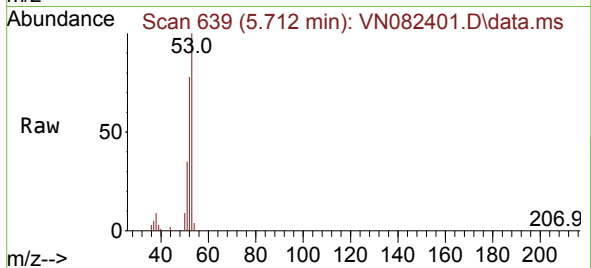
76 29.6 37.3 55.9#



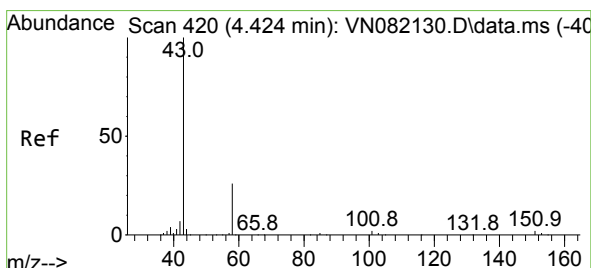
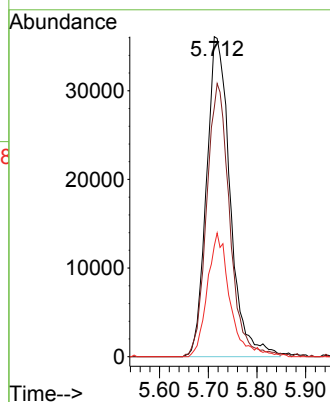
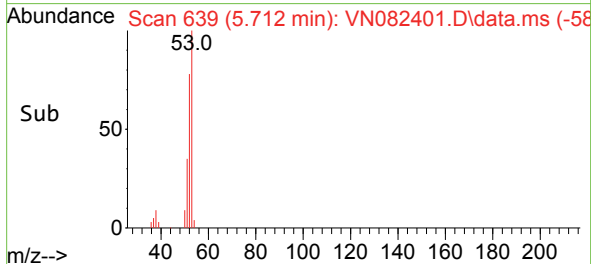


#15
Acrylonitrile
Concen: 108.994 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

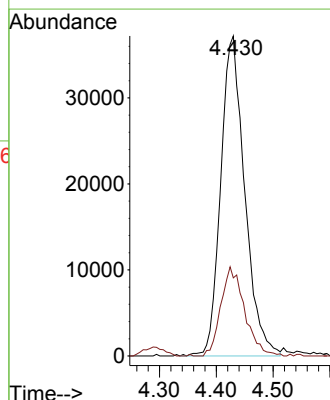
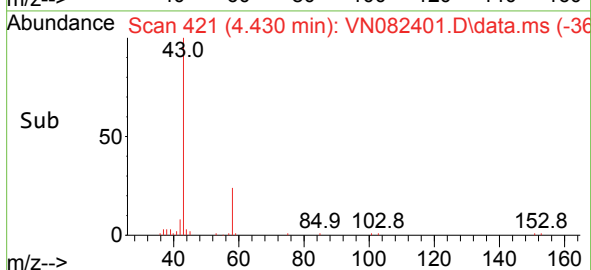
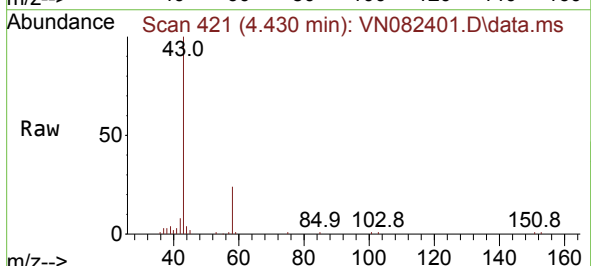


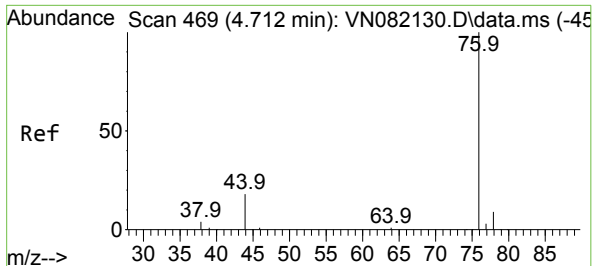
Tgt Ion: 53 Resp: 121675
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.2 29.4 44.2



#16
Acetone
Concen: 99.121 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 43 Resp: 109185
Ion Ratio Lower Upper
43 100
58 24.4 25.2 37.8#

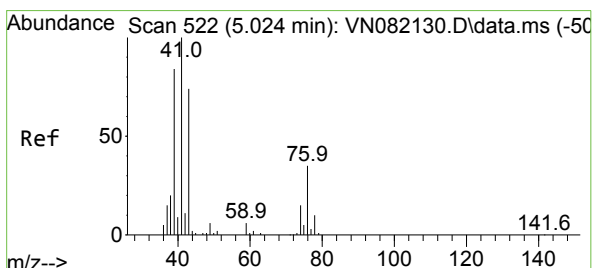
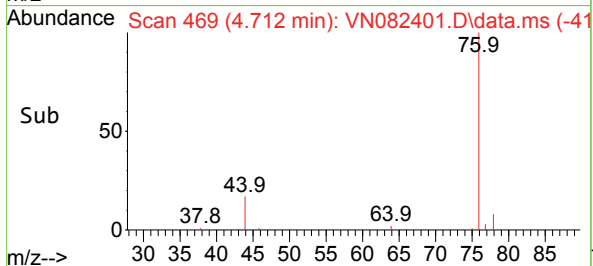
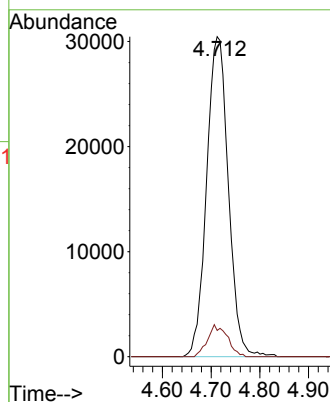
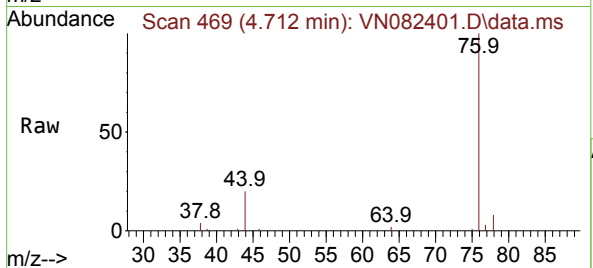




#17
Carbon Disulfide
Concen: 15.715 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

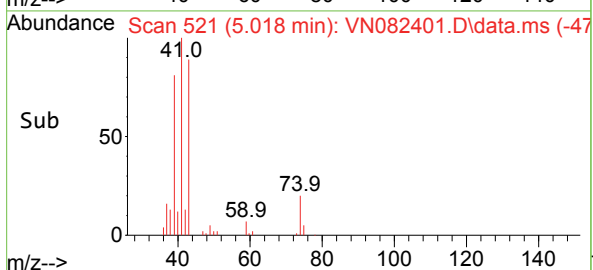
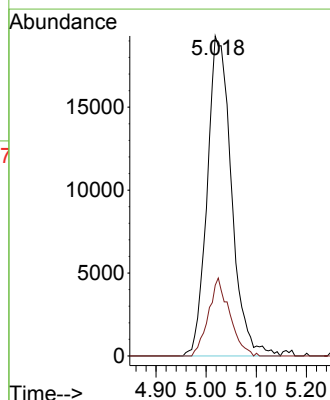
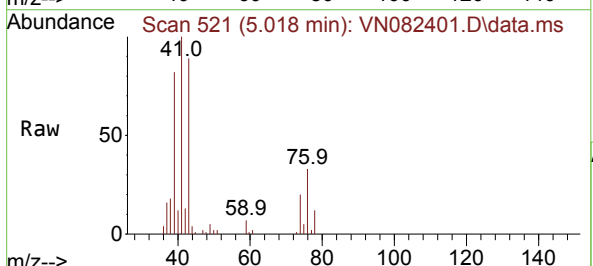
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

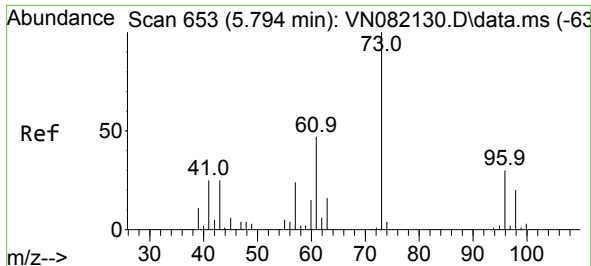
Tgt Ion: 76 Resp: 94268
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 23.619 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 43 Resp: 64793
Ion Ratio Lower Upper
43 100
74 21.5 22.2 33.2#

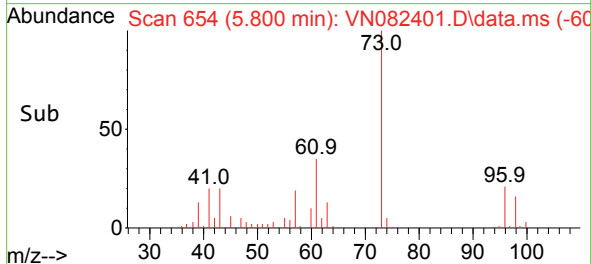
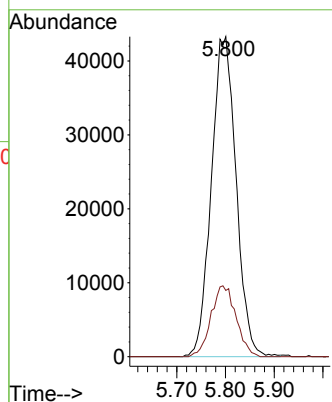
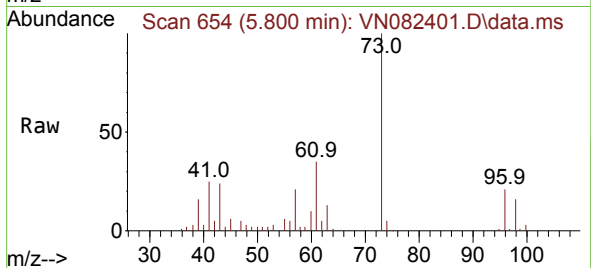




#19
Methyl tert-butyl Ether
Concen: 22.498 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

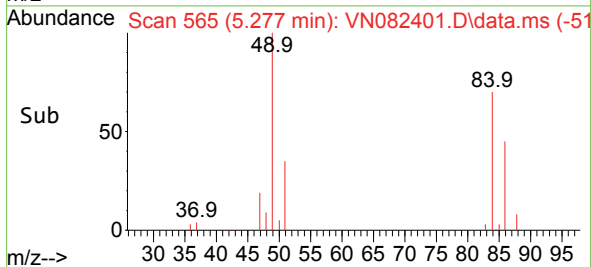
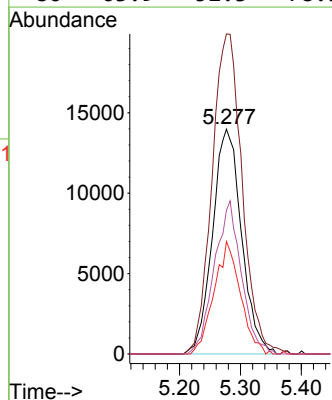
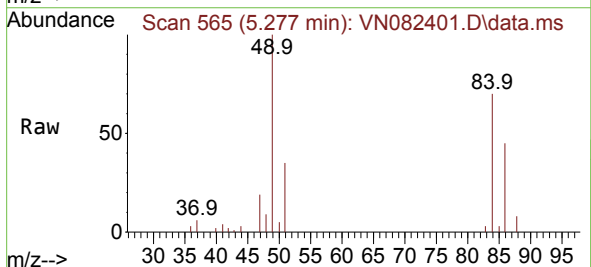
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

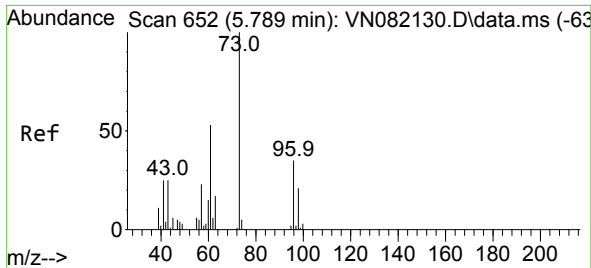
Tgt Ion: 73 Resp: 152727
Ion Ratio Lower Upper
73 100
57 20.7 16.5 24.7



#20
Methylene Chloride
Concen: 20.818 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 84 Resp: 46267
Ion Ratio Lower Upper
84 100
49 142.3 84.9 127.3#
51 50.0 27.0 40.6#
86 63.9 52.3 78.5

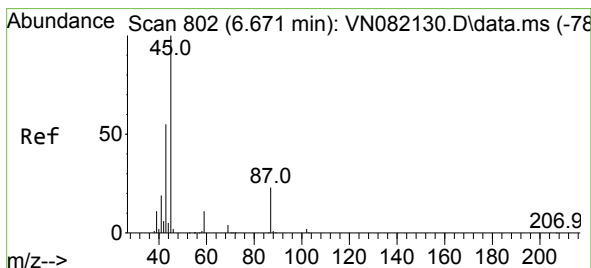
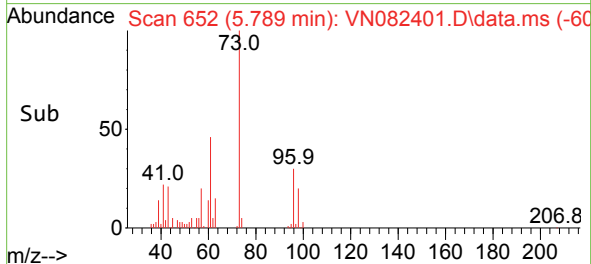
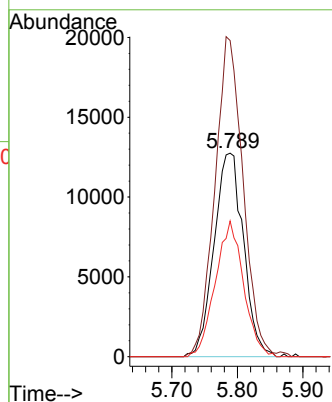
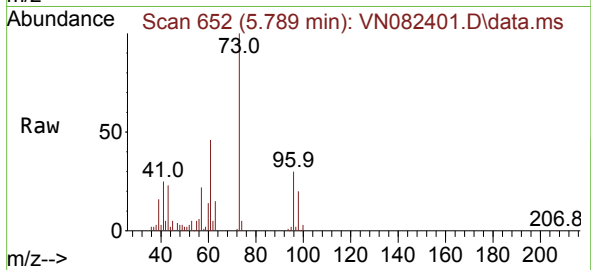




#21
trans-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

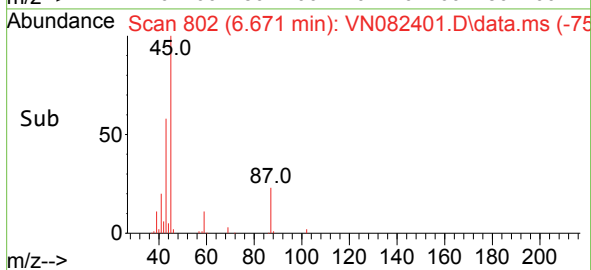
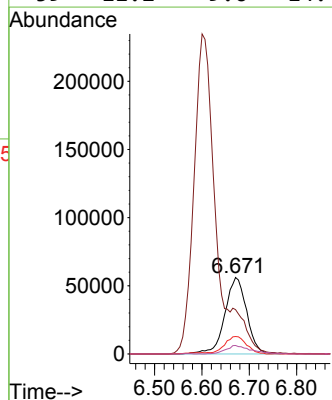
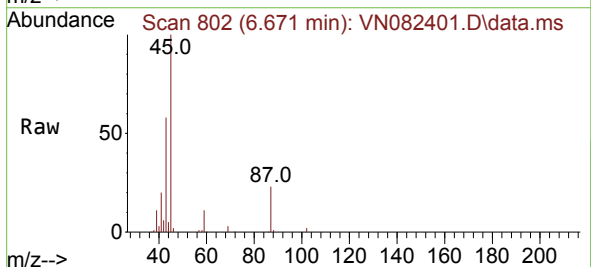
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

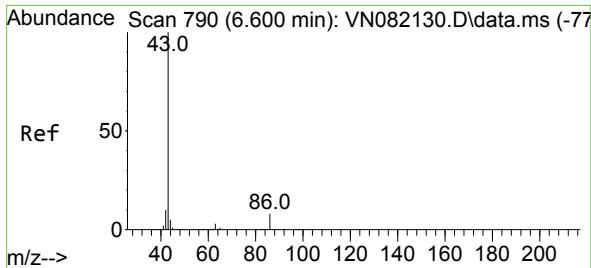
Tgt Ion: 96 Resp: 39636
Ion Ratio Lower Upper
96 100
61 155.4 96.5 144.7#
98 66.7 51.3 76.9



#22
Diisopropyl ether
Concen: 21.588 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 45 Resp: 179247
Ion Ratio Lower Upper
45 100
43 56.2 44.1 66.1
87 22.9 27.0 40.6#
59 11.2 9.6 14.4

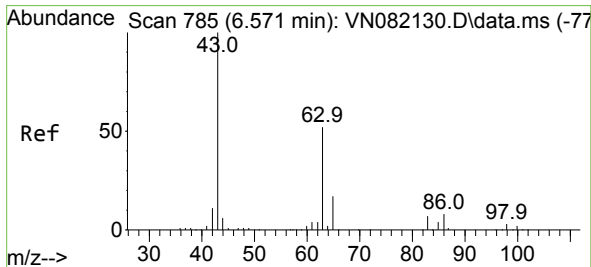
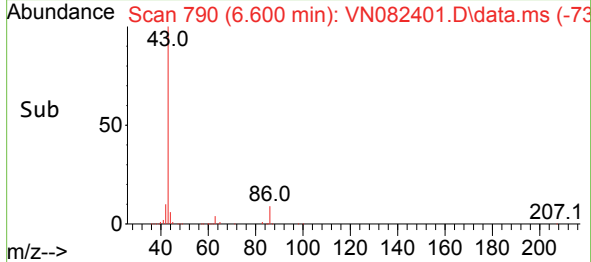
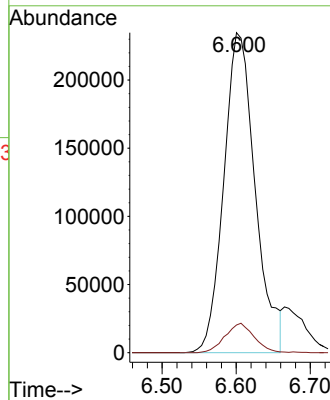
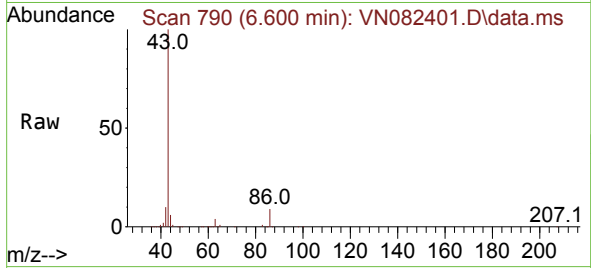




#23
 Vinyl Acetate
 Concen: 105.611 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

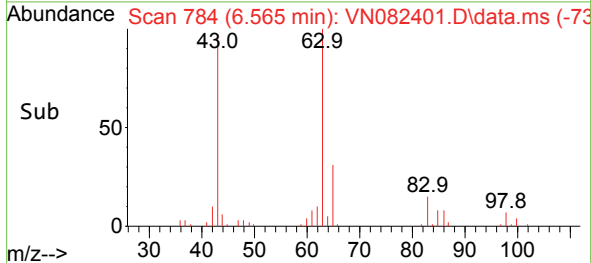
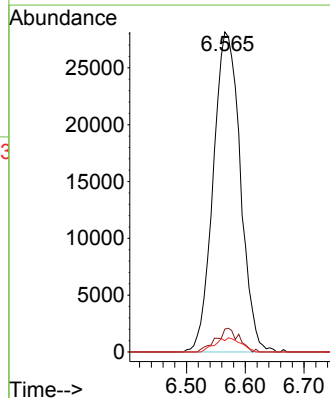
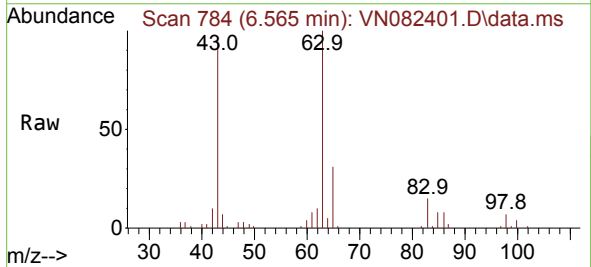
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

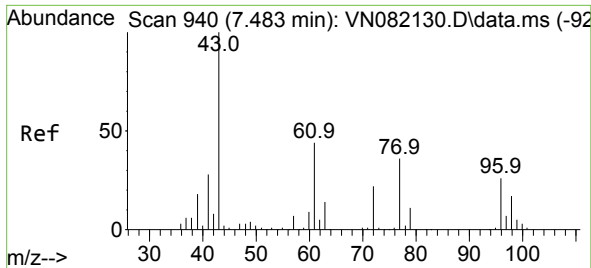
Tgt Ion: 43 Resp: 691371
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 21.048 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

Tgt Ion: 63 Resp: 90077
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 3.5 2.6 7.8

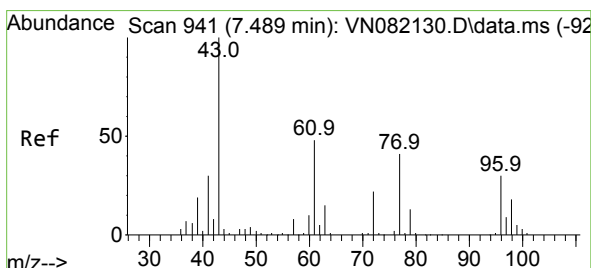
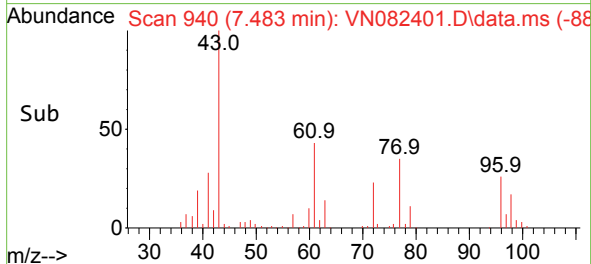
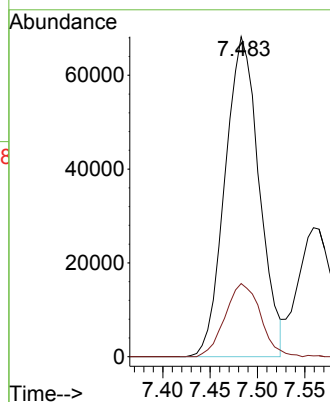
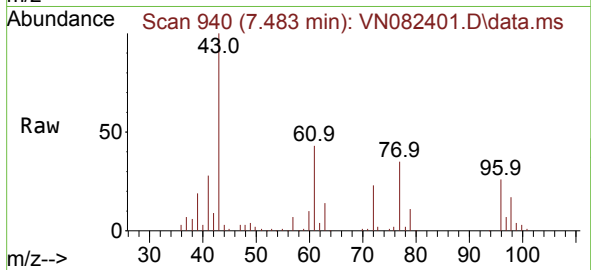




#25
2-Butanone
Concen: 102.704 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

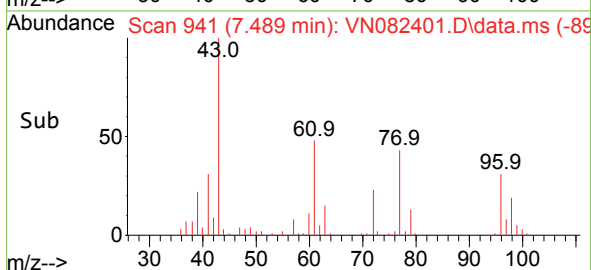
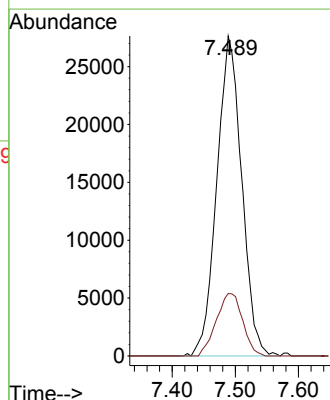
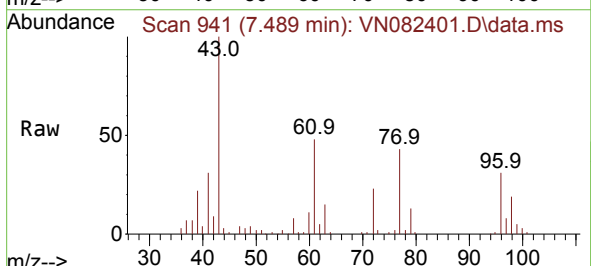
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

Tgt Ion: 43 Resp: 171526
Ion Ratio Lower Upper
43 100
72 22.8 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 21.126 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 77 Resp: 75730
Ion Ratio Lower Upper
77 100
97 20.6 11.3 33.9

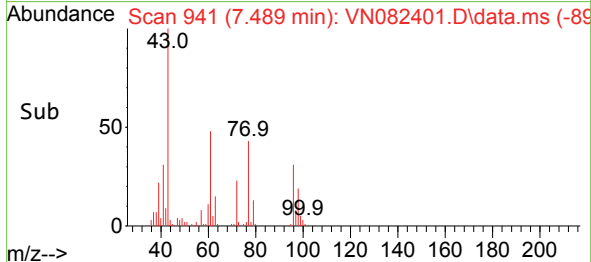
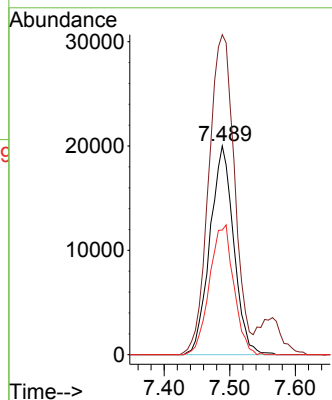
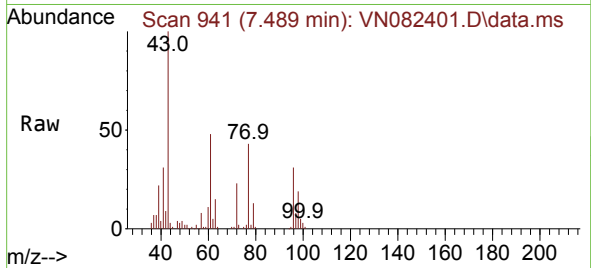




#27
 cis-1,2-Dichloroethene
 Concen: 21.113 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

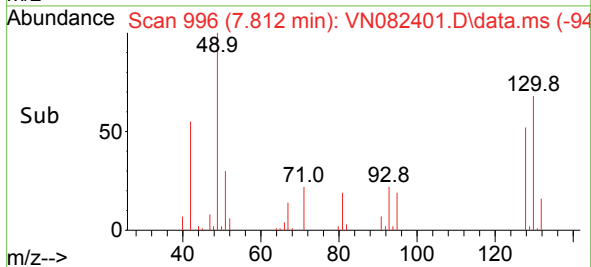
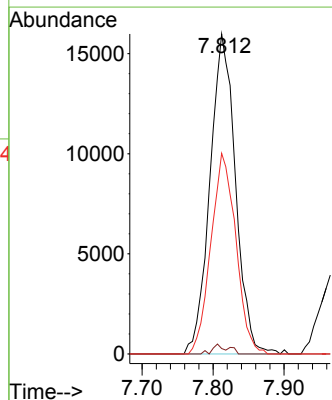
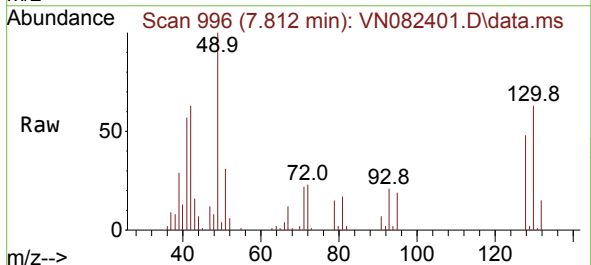
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

Tgt Ion: 96 Resp: 50429
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 268.0
 98 63.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 20.834 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

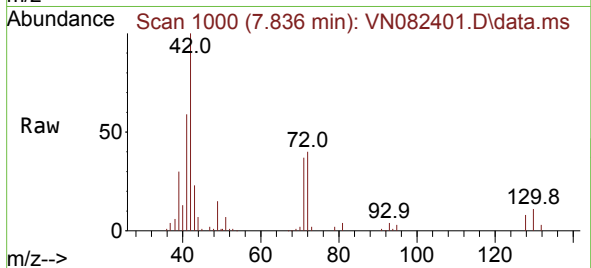
Tgt Ion: 49 Resp: 39893
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 61.4 66.7 100.1#



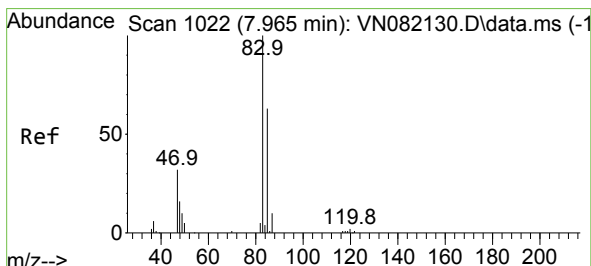
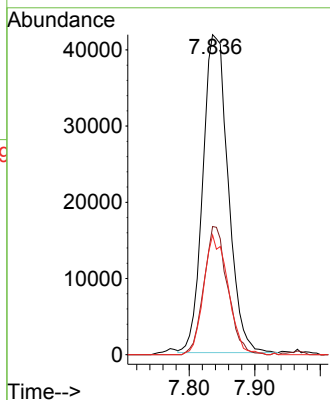
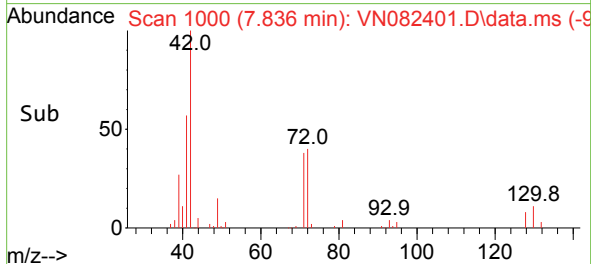


#29
Tetrahydrofuran
Concen: 104.285 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

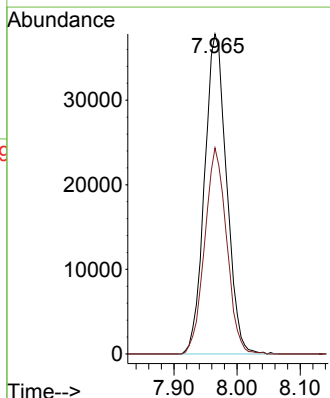
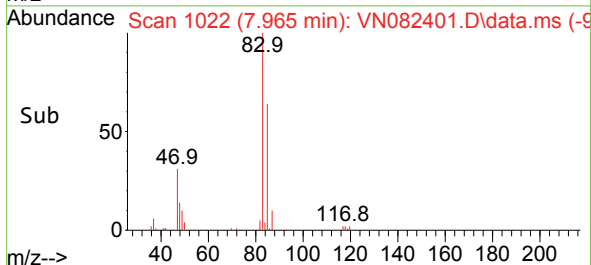
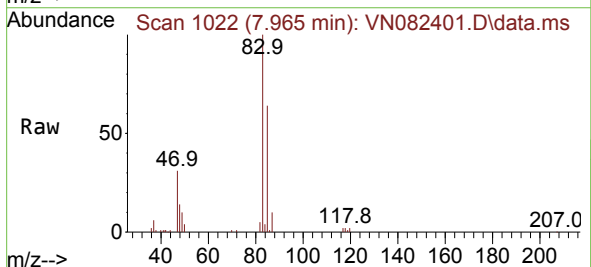


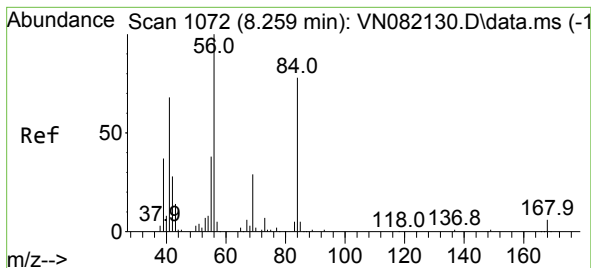
Tgt Ion: 42 Resp: 111824
Ion Ratio Lower Upper
42 100
72 37.9 39.3 58.9#
71 36.2 37.4 56.0#



#30
Chloroform
Concen: 22.454 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 83 Resp: 91765
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 16.986 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

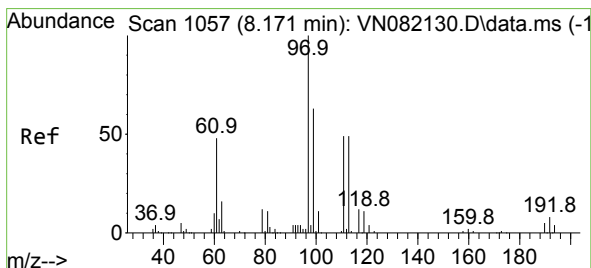
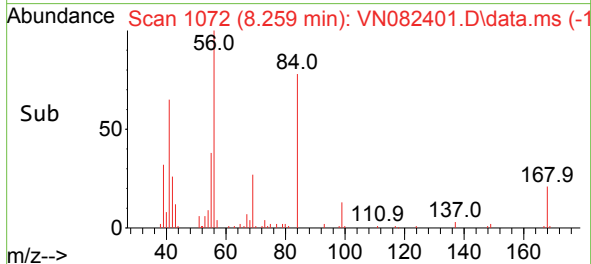
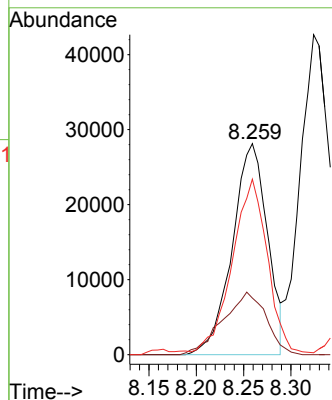
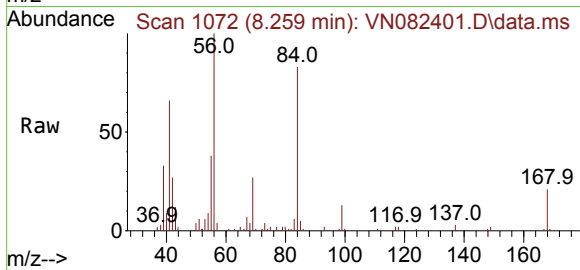
Tgt Ion: 56 Resp: 72848

Ion Ratio Lower Upper

56 100

69 26.8 24.4 36.6

84 81.5 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 21.349 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

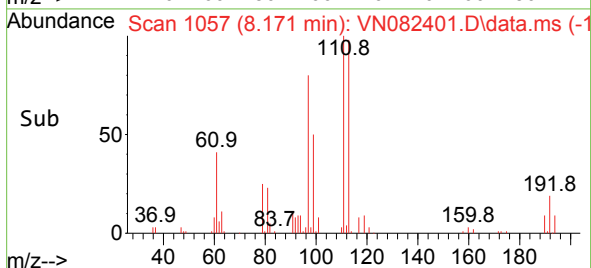
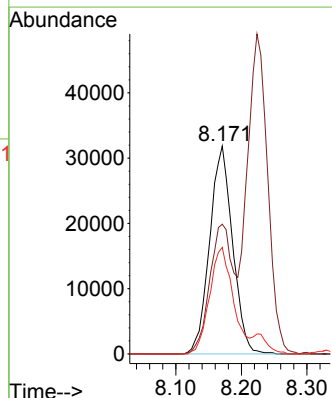
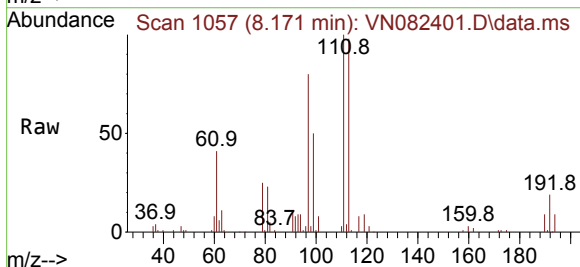
Tgt Ion: 97 Resp: 77406

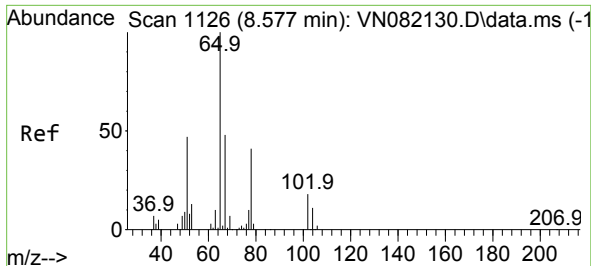
Ion Ratio Lower Upper

97 100

99 64.9 50.3 75.5

61 52.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.030 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

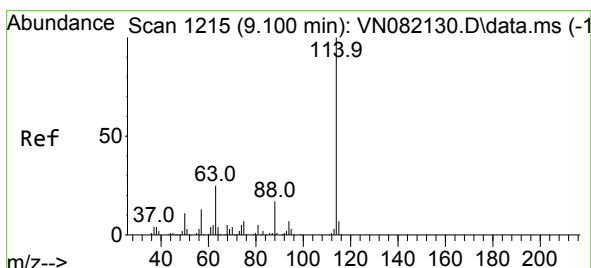
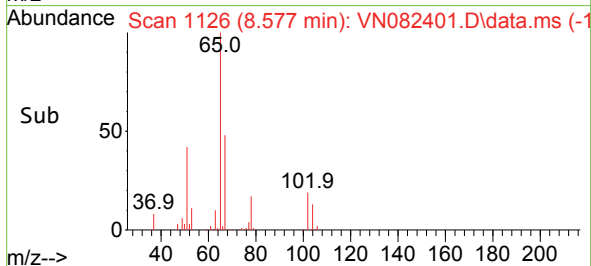
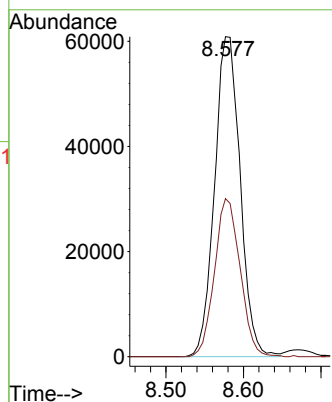
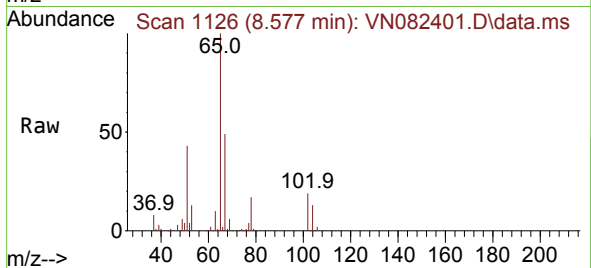
VN0531WBSD01

Tgt Ion: 65 Resp: 139714

Ion Ratio Lower Upper

65 100

67 49.4 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: VN082401.D

Acq: 31 May 2024 12:21

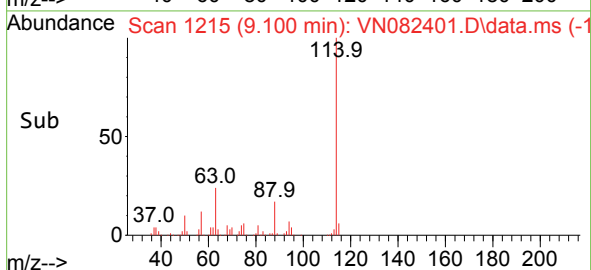
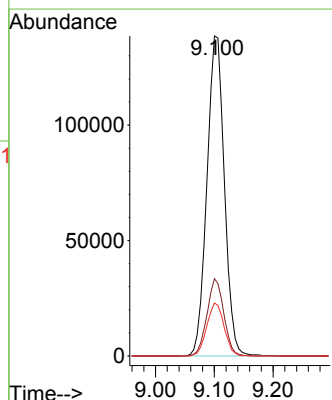
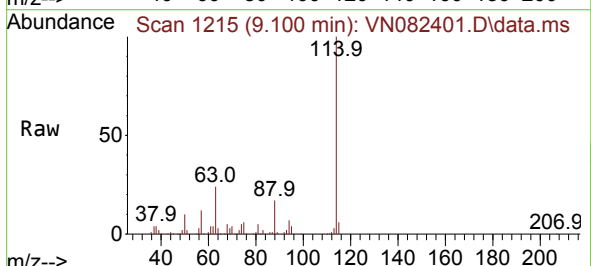
Tgt Ion: 114 Resp: 285861

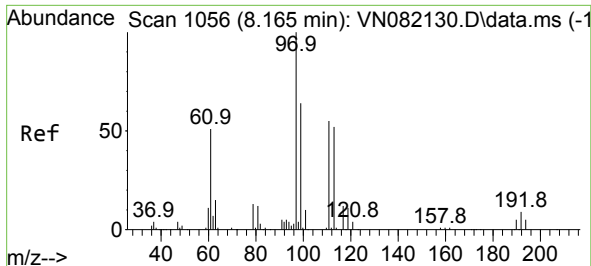
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.6 0.0 31.4

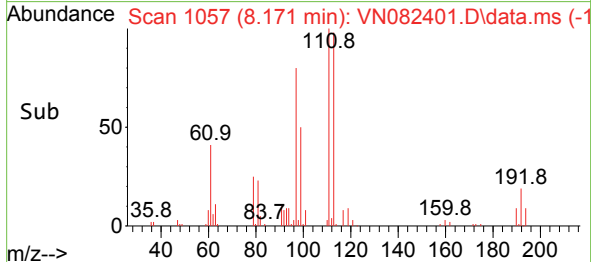
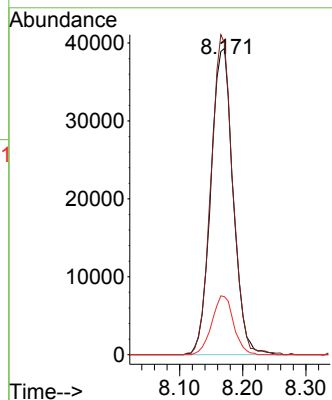
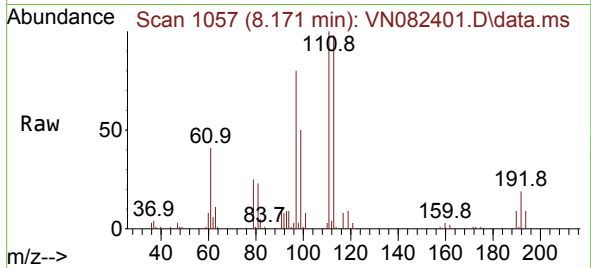




#35
Dibromofluoromethane
Concen: 54.688 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

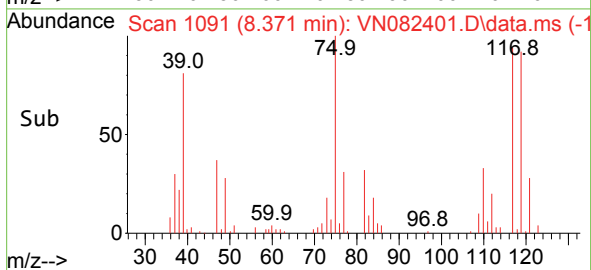
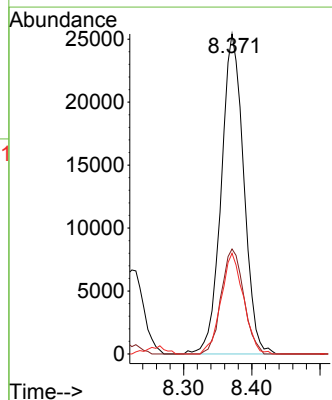
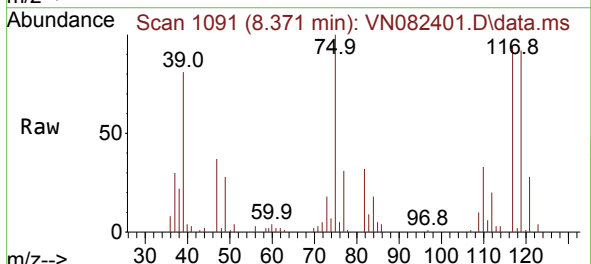
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

Tgt Ion:113 Resp: 96168
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 19.756 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 75 Resp: 58265
Ion Ratio Lower Upper
75 100
110 32.8 17.8 53.5
77 31.4 25.0 37.4

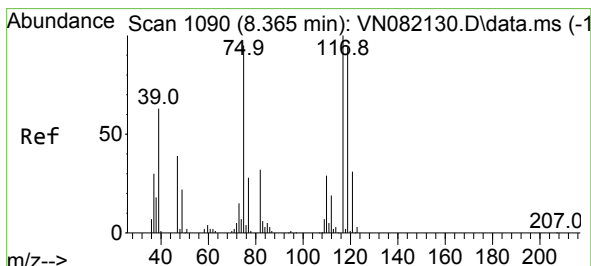
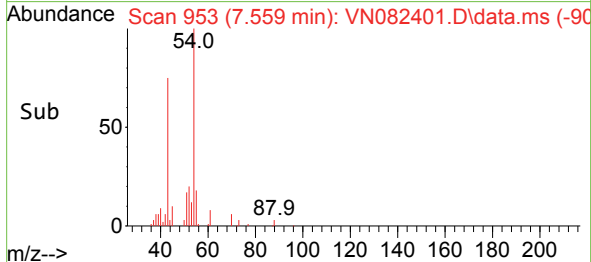
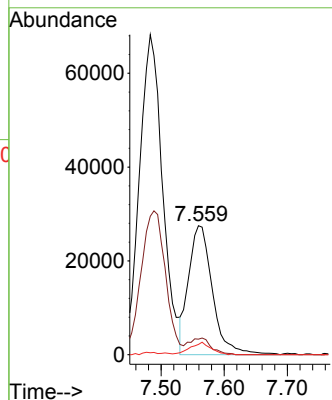
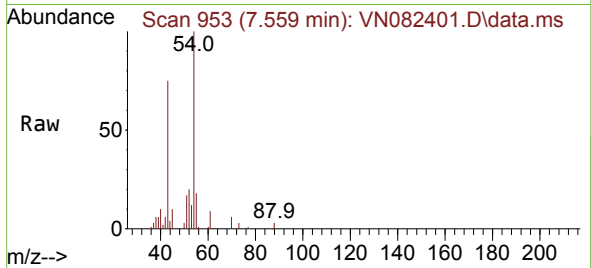




#37
Ethyl Acetate
Concen: 21.864 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

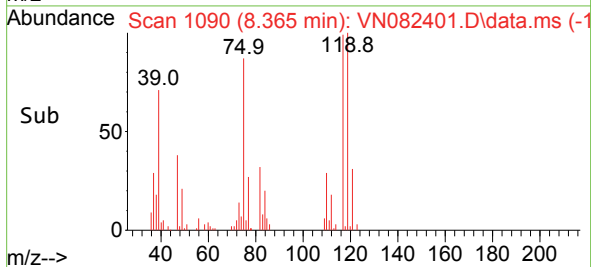
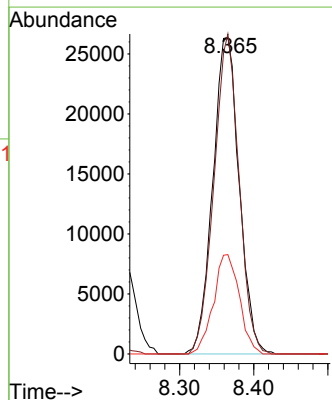
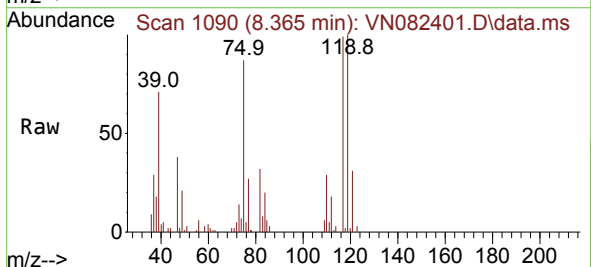
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

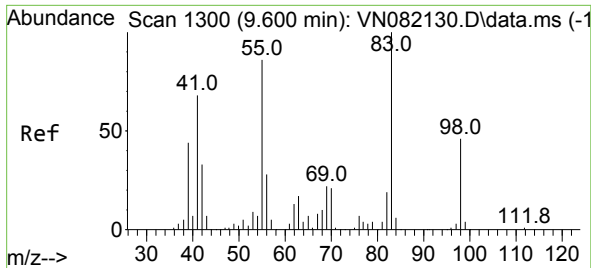
Tgt Ion: 43 Resp: 72163
Ion Ratio Lower Upper
43 100
61 11.9 11.3 16.9
70 8.4 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 21.810 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 117 Resp: 65205
Ion Ratio Lower Upper
117 100
119 101.1 76.5 114.7
121 31.4 23.9 35.9

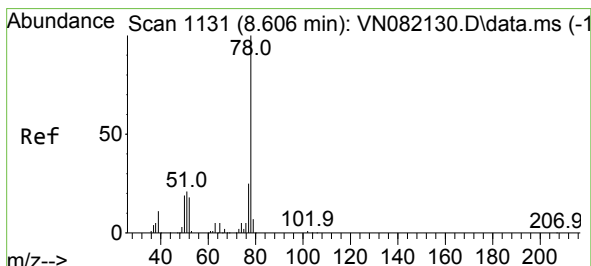
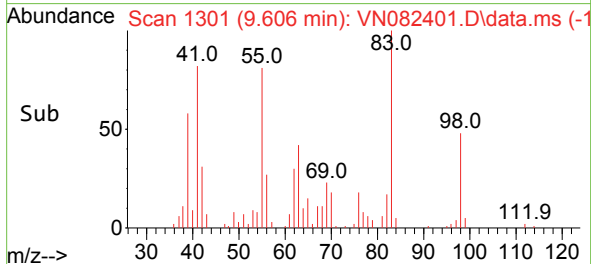
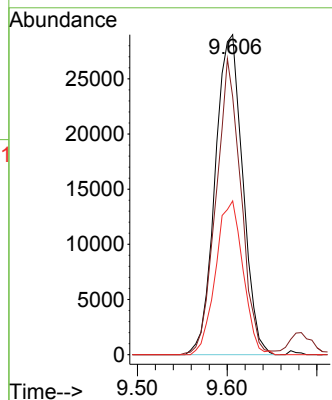
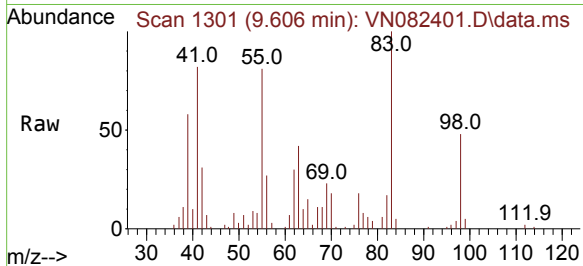




#39
Methylcyclohexane
Concen: 19.109 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

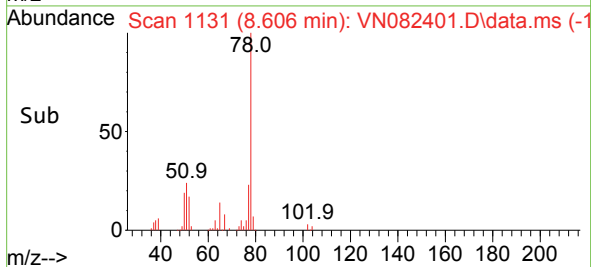
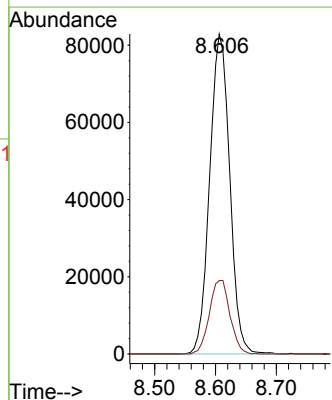
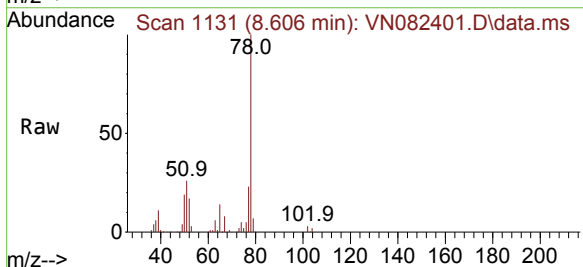
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

Tgt Ion: 83 Resp: 61776
Ion Ratio Lower Upper
83 100
55 80.6 53.0 79.6#
98 48.0 37.1 55.7



#40
Benzene
Concen: 21.535 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 78 Resp: 189393
Ion Ratio Lower Upper
78 100
77 22.9 20.0 30.0

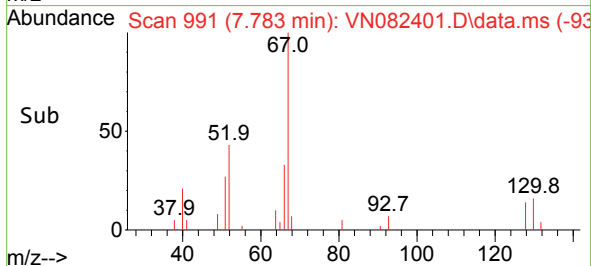
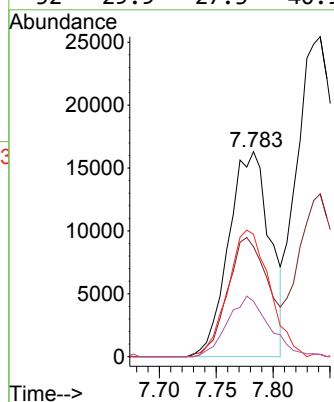
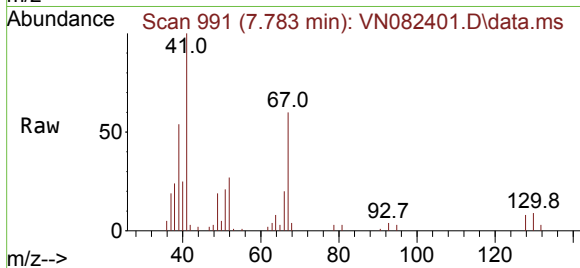




#41
Methacrylonitrile
Concen: 21.283 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

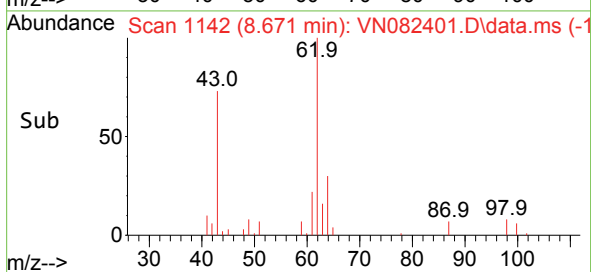
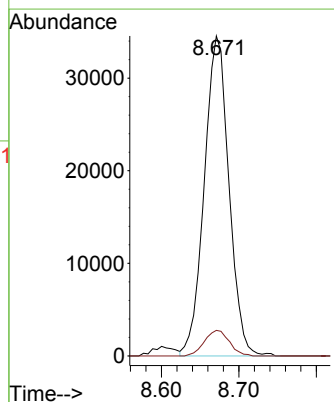
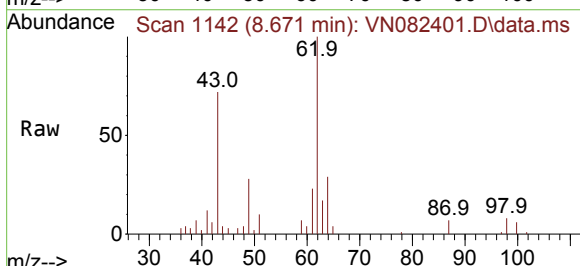
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

Tgt Ion:	41	Resp:	41312
Ion	Ratio	Lower	Upper
41	100		
39	57.7	46.6	69.8
67	62.2	67.3	100.9
52	29.9	27.3	40.9



#42
1,2-Dichloroethane
Concen: 22.637 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:	62	Resp:	76567
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	19.6

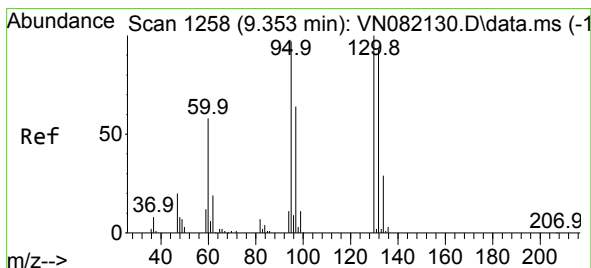
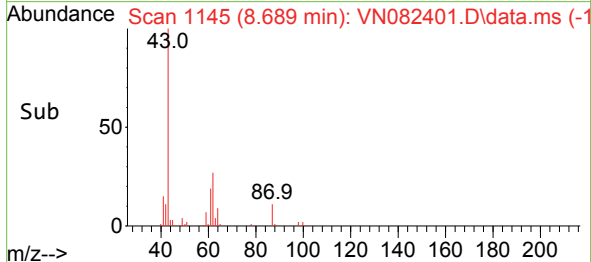
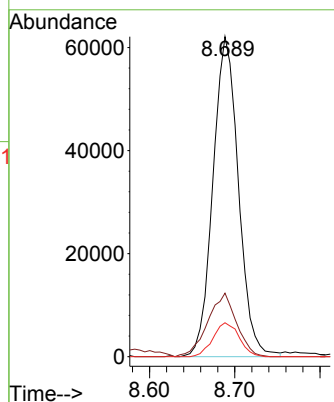
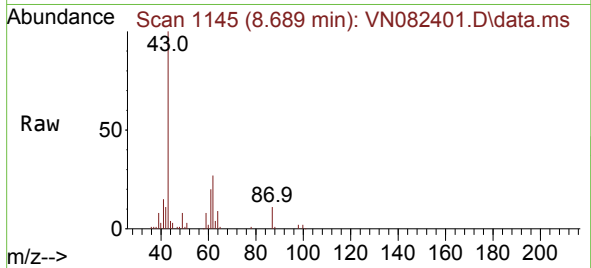




#43
Isopropyl Acetate
Concen: 22.107 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

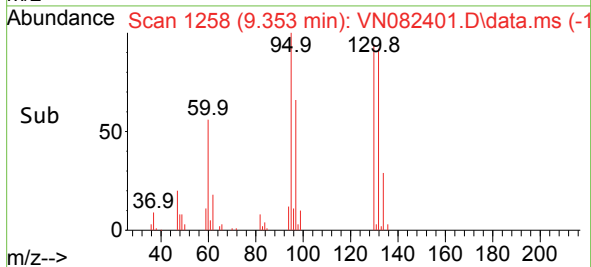
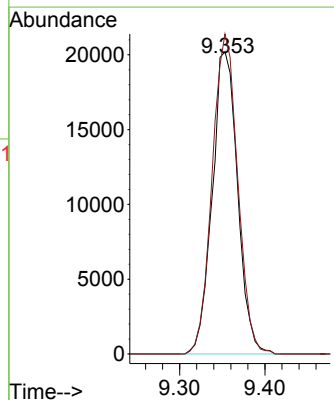
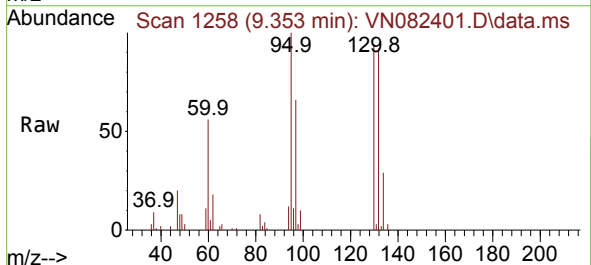
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

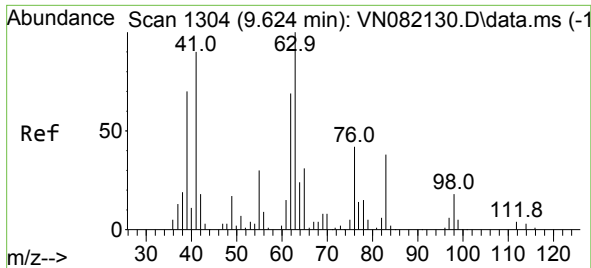
Tgt Ion: 43 Resp: 129293
Ion Ratio Lower Upper
43 100
61 22.4 22.8 34.2#
87 10.9 12.0 18.0#



#44
Trichloroethene
Concen: 20.902 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:130 Resp: 41757
Ion Ratio Lower Upper
130 100
95 105.9 0.0 195.4

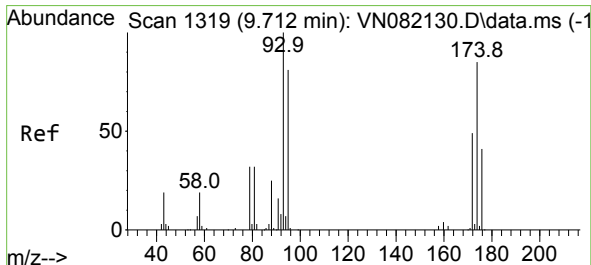
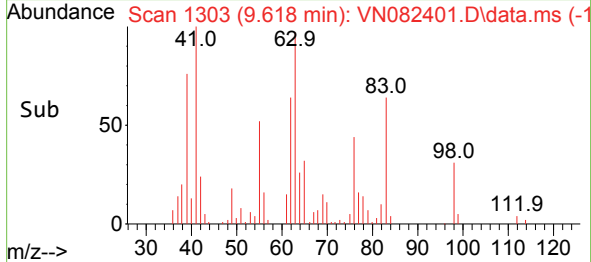
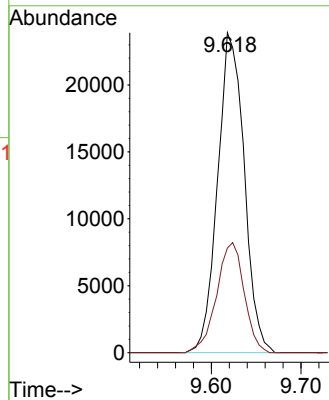
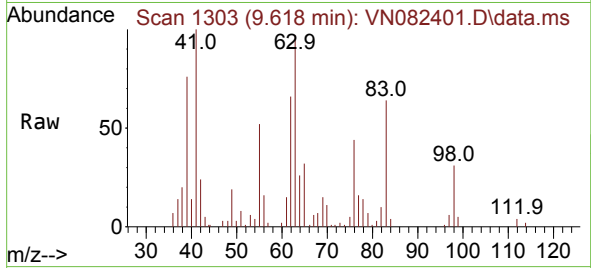




#45
1,2-Dichloropropane
Concen: 21.657 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

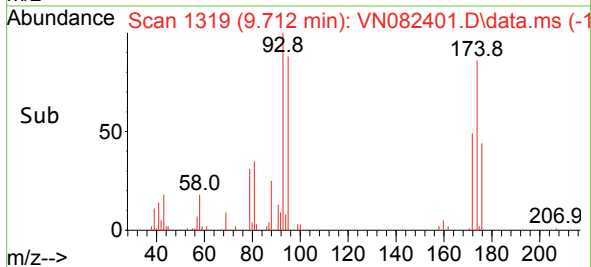
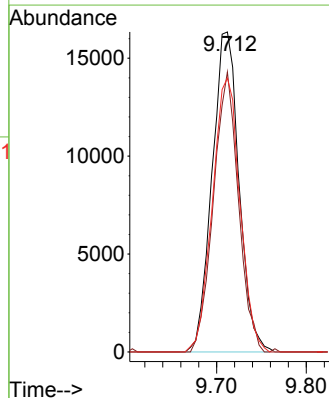
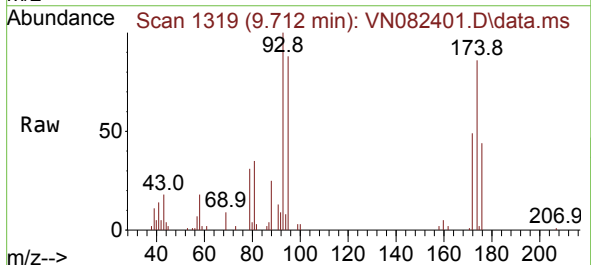
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

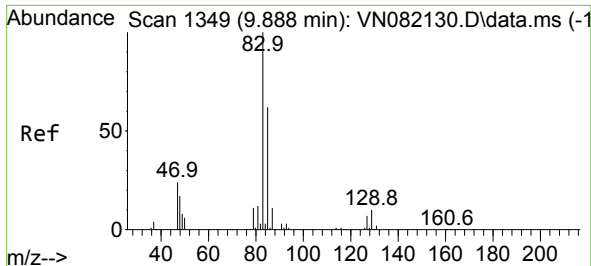
Tgt Ion: 63 Resp: 49144
Ion Ratio Lower Upper
63 100
65 32.7 24.1 36.1



#46
Dibromomethane
Concen: 22.847 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 93 Resp: 34037
Ion Ratio Lower Upper
93 100
95 81.1 64.8 97.2
174 87.6 73.4 110.0

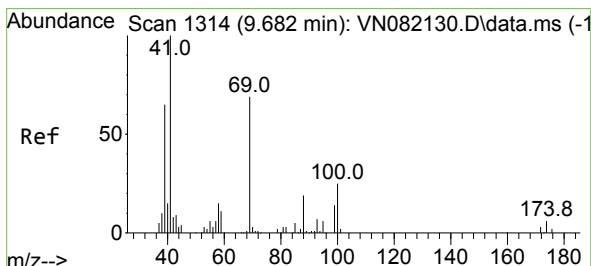
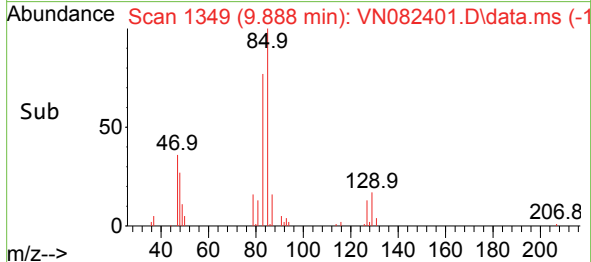
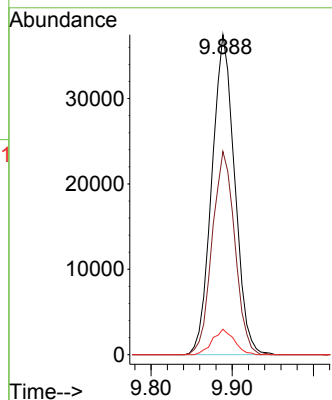
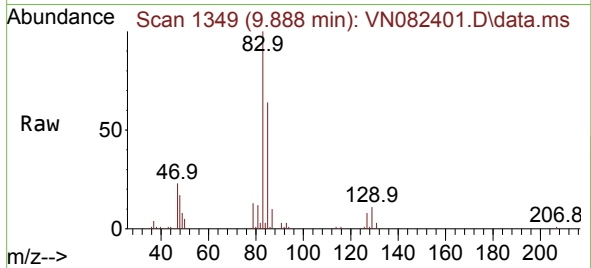




#47
Bromodichloromethane
Concen: 23.266 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

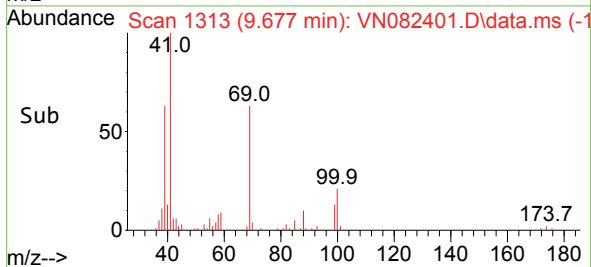
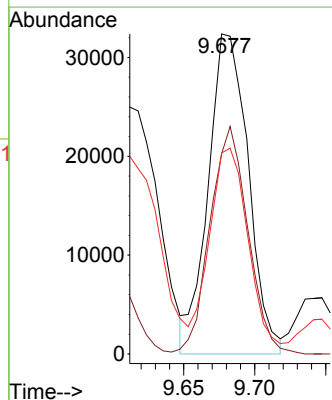
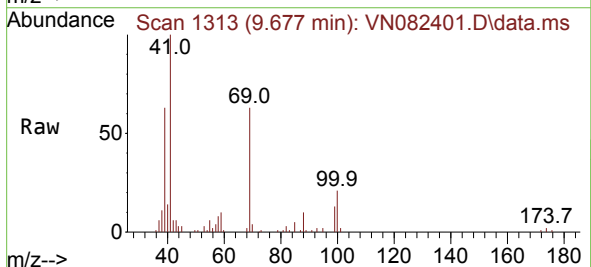
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

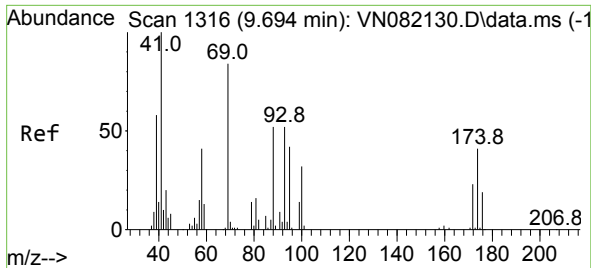
Tgt Ion:	83	Resp:	73172
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.9	77.9
127	8.0	7.5	11.3



#48
Methyl methacrylate
Concen: 22.844 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

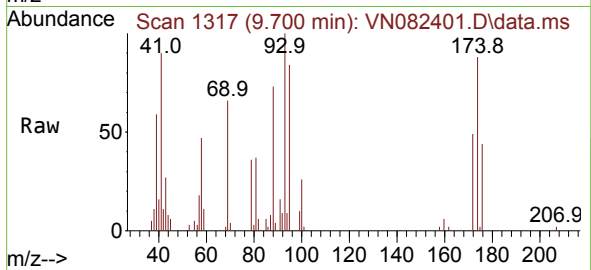
Tgt Ion:	41	Resp:	63661
Ion Ratio	Lower	Upper	
41	100		
69	67.2	77.9	116.9#
39	62.6	50.9	76.3



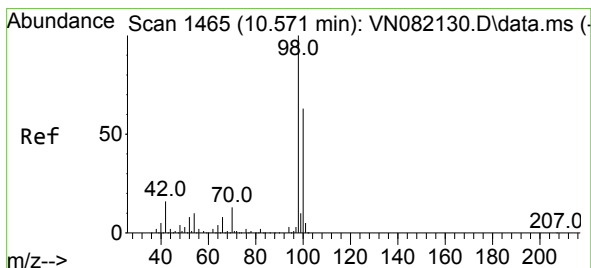
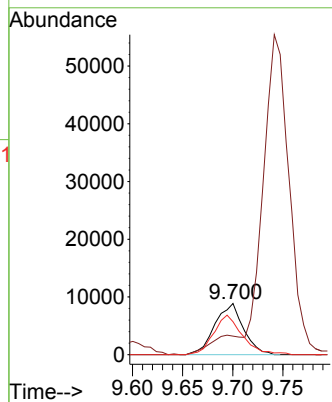
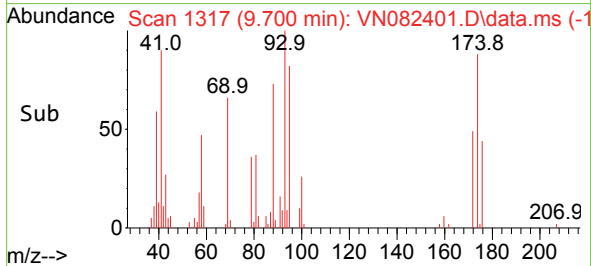


#49
1,4-Dioxane
Concen: 451.162 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

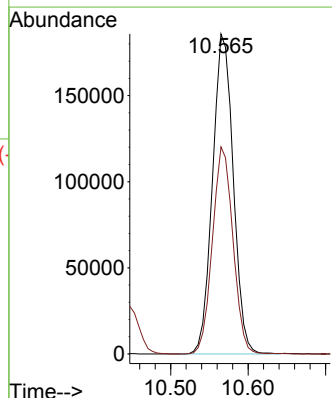
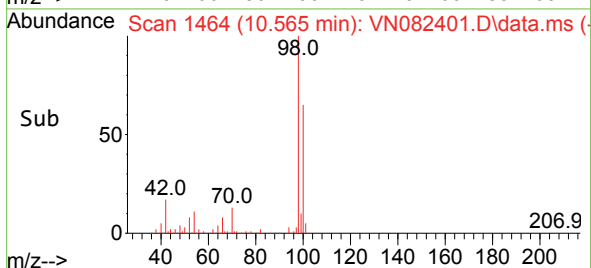
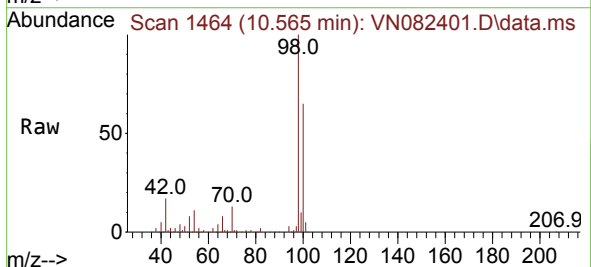


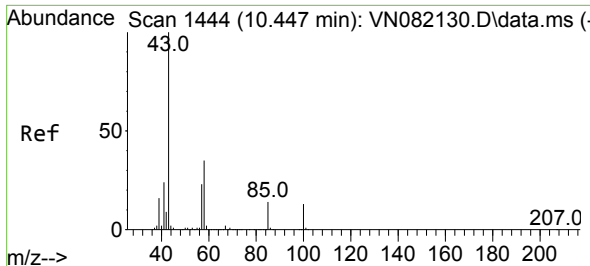
Tgt Ion: 88 Resp: 17618
Ion Ratio Lower Upper
88 100
43 38.8 19.0 28.6#
58 77.9 50.6 76.0#



#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 98 Resp: 345113
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

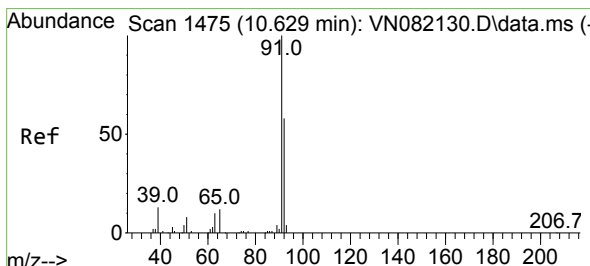
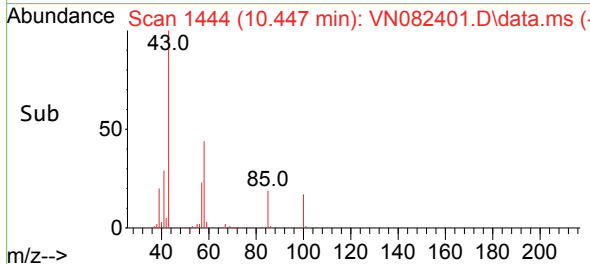
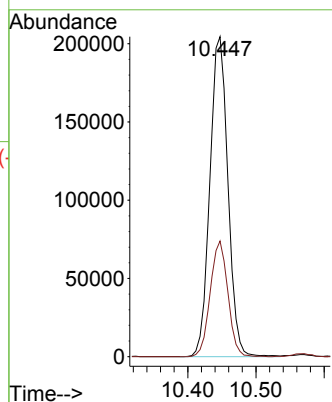
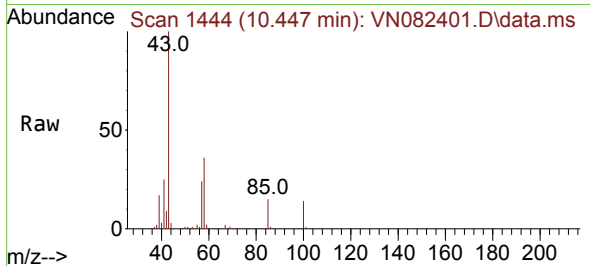




#51
4-Methyl-2-Pentanone
Concen: 113.422 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

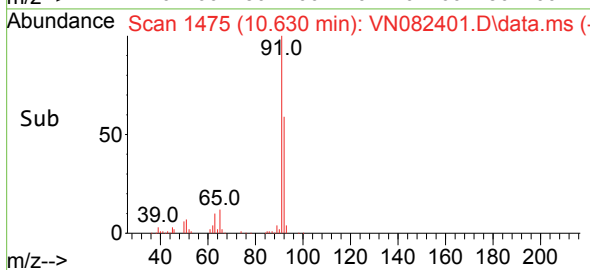
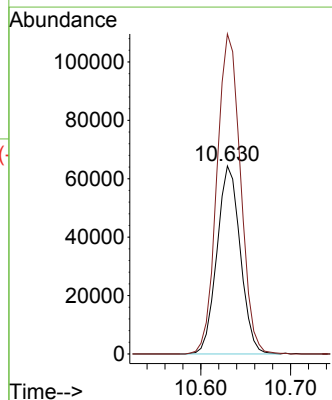
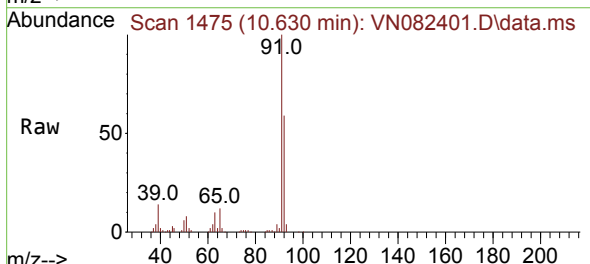
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

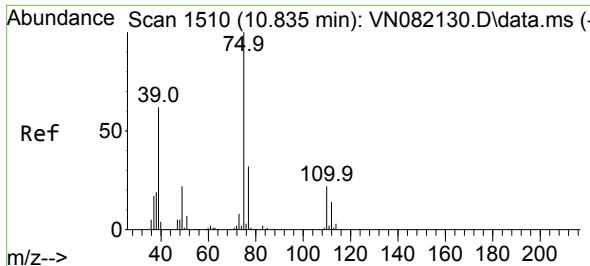
Tgt Ion: 43 Resp: 376888
Ion Ratio Lower Upper
43 100
58 35.3 33.2 49.8



#52
Toluene
Concen: 21.994 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 92 Resp: 116078
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1

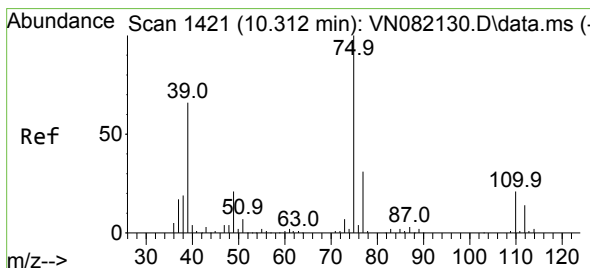
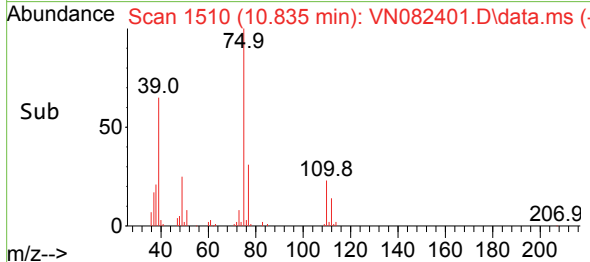
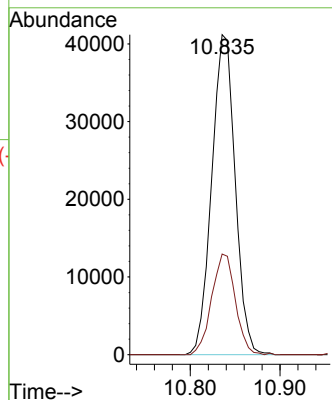
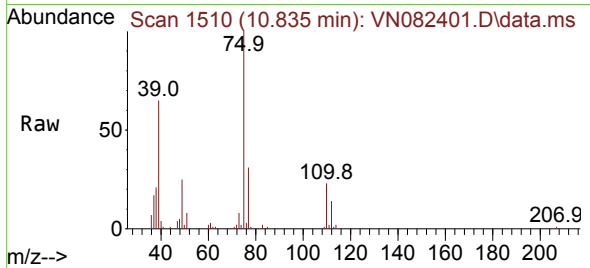




#53
t-1,3-Dichloropropene
Concen: 22.966 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

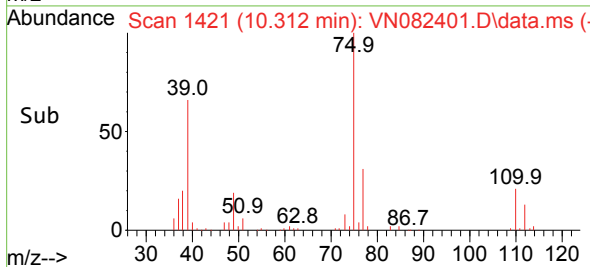
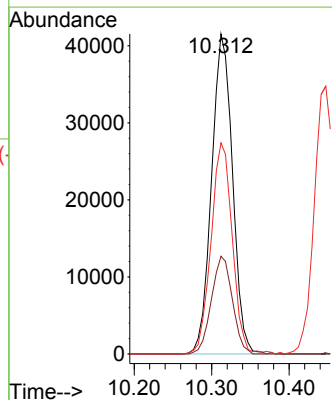
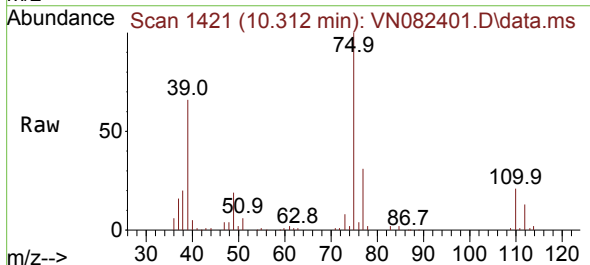
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

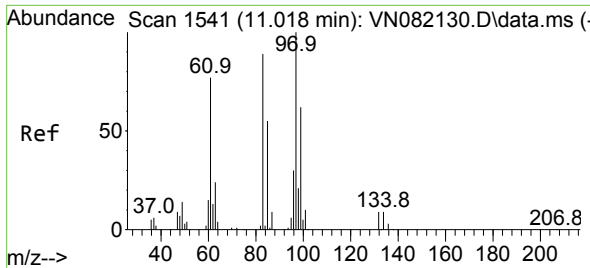
Tgt Ion: 75 Resp: 74700
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 22.602 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 75 Resp: 77820
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 65.9 34.8 52.2#

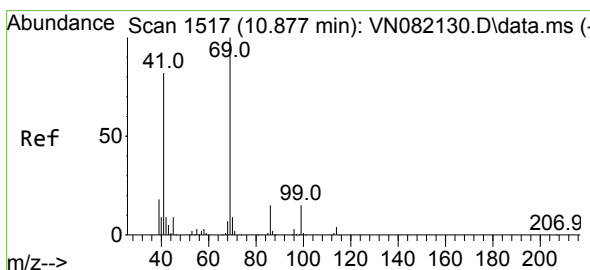
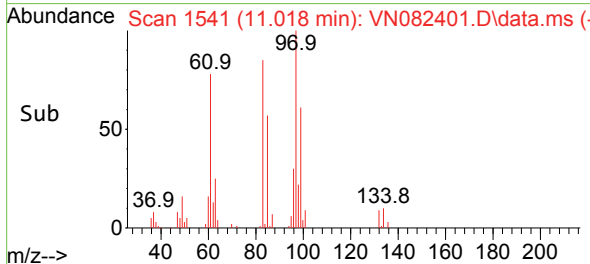
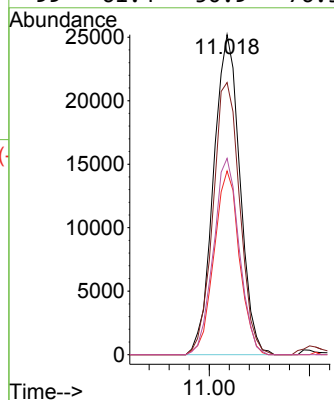
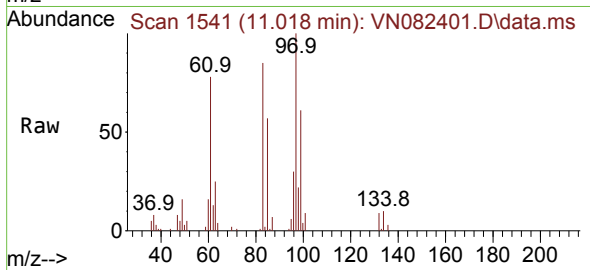




#55
1,1,2-Trichloroethane
Concen: 23.945 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

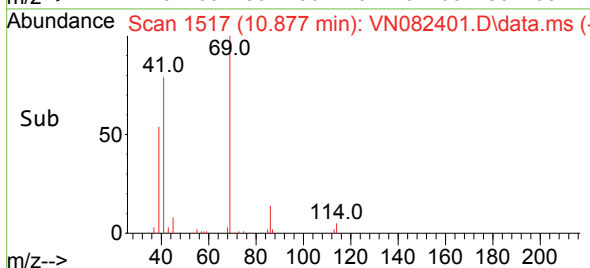
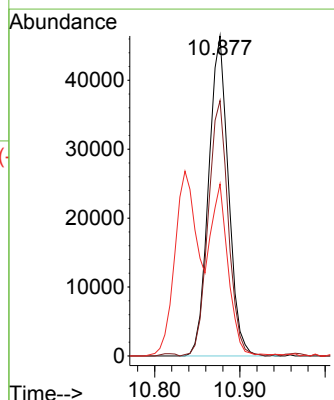
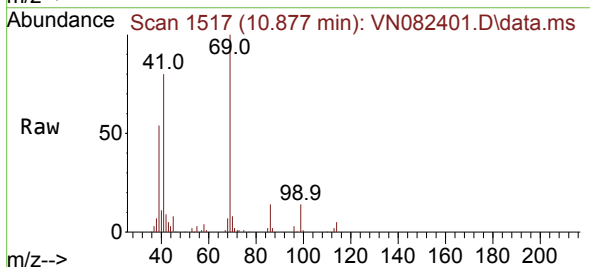
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

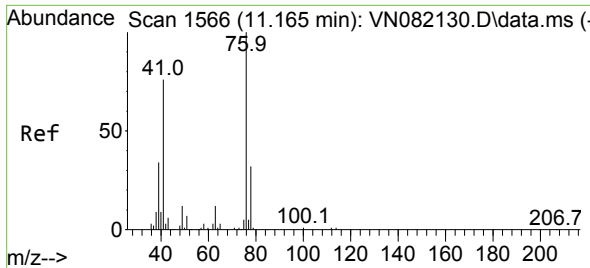
Tgt Ion: 97	Resp: 45926
Ion Ratio	Lower Upper
97 100	
83 85.0	70.4 105.6
85 57.4	45.6 68.4
99 61.4	50.9 76.3



#56
Ethyl methacrylate
Concen: 22.982 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 69	Resp: 74837
Ion Ratio	Lower Upper
69 100	
41 81.0	46.6 70.0#
39 46.7	26.5 39.7#

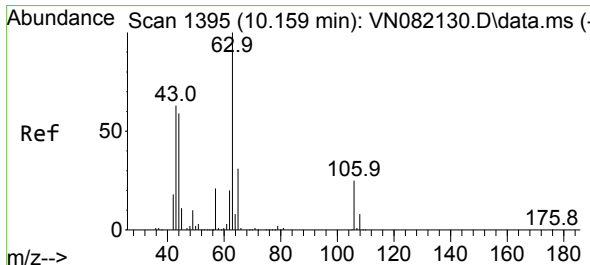
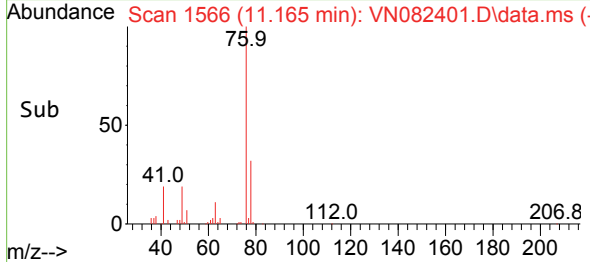
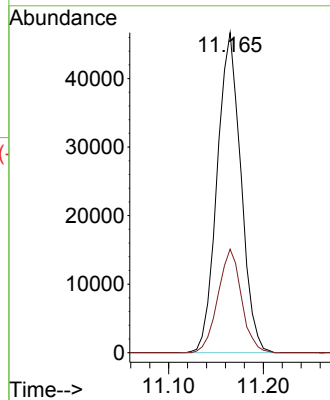
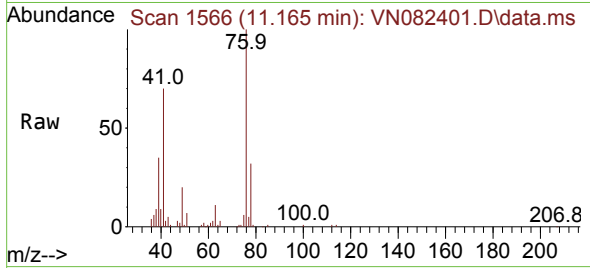




#57
1,3-Dichloropropane
Concen: 22.690 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

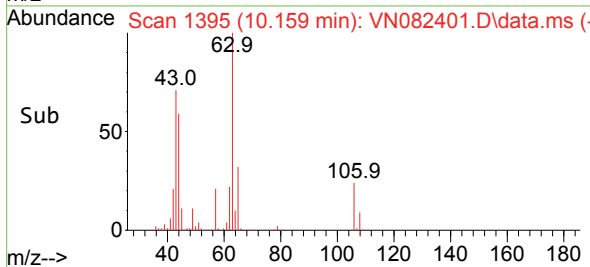
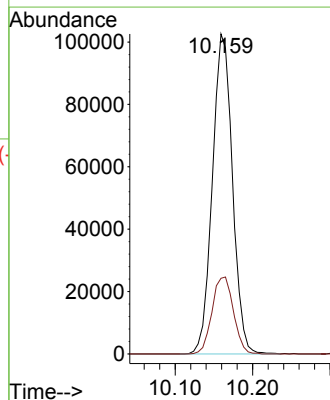
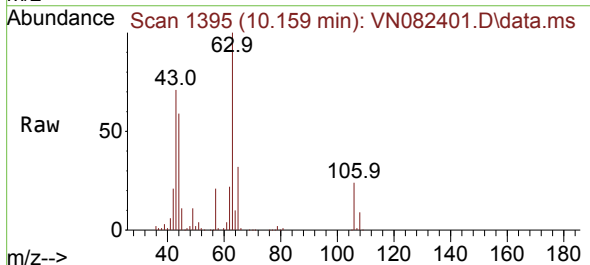
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

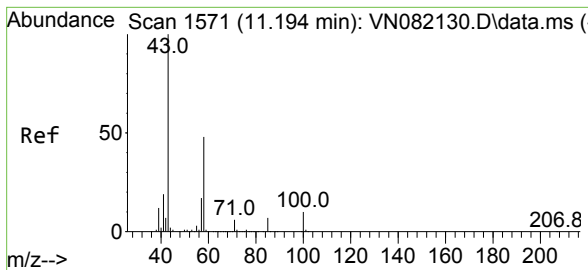
Tgt Ion: 76 Resp: 81368
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 109.801 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 63 Resp: 184423
Ion Ratio Lower Upper
63 100
106 25.6 24.6 36.8

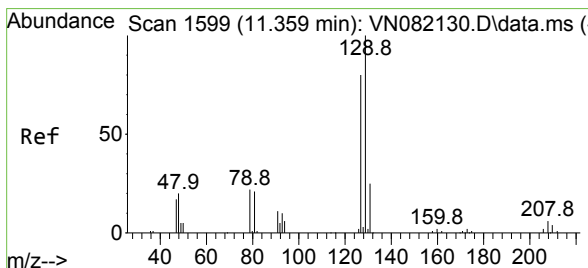
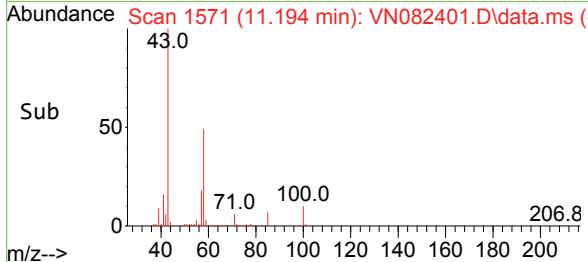
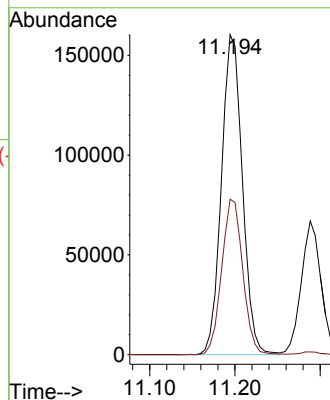
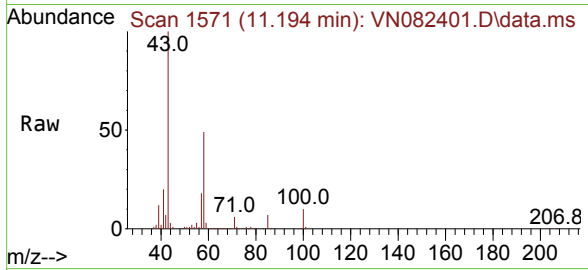




#59
2-Hexanone
Concen: 112.716 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

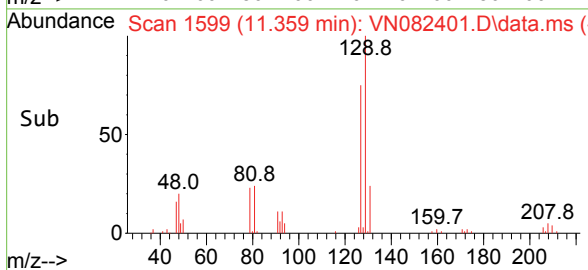
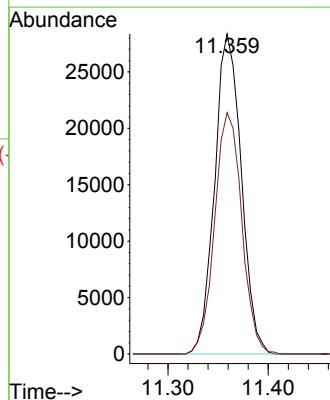
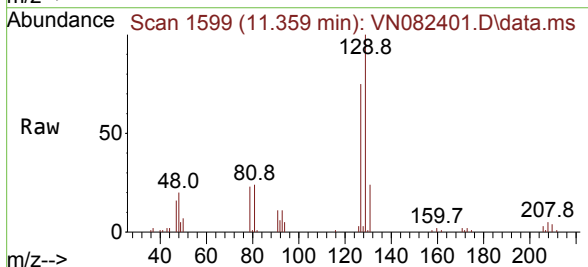
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

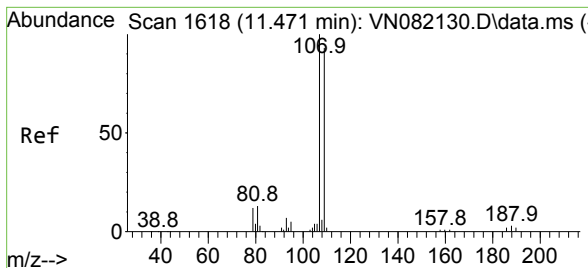
Tgt Ion: 43 Resp: 274241
Ion Ratio Lower Upper
43 100
58 48.9 28.3 84.9



#60
Dibromochloromethane
Concen: 24.779 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 129 Resp: 52448
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8

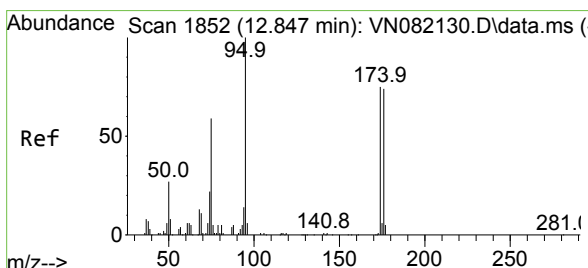
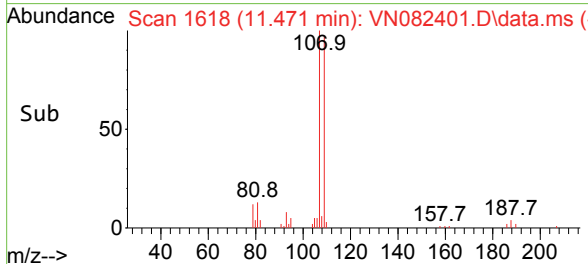
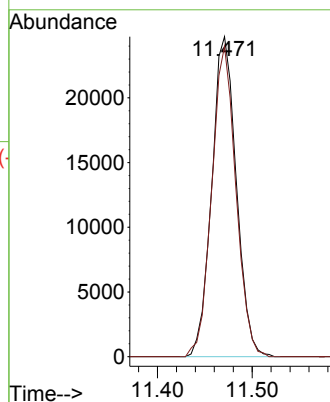
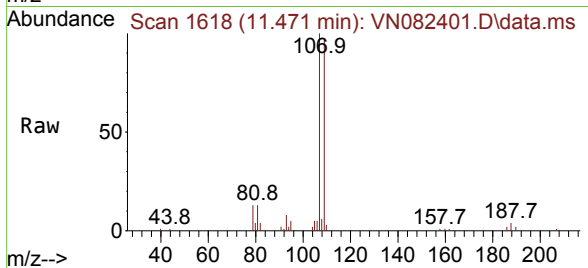




#61
1,2-Dibromoethane
Concen: 22.604 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

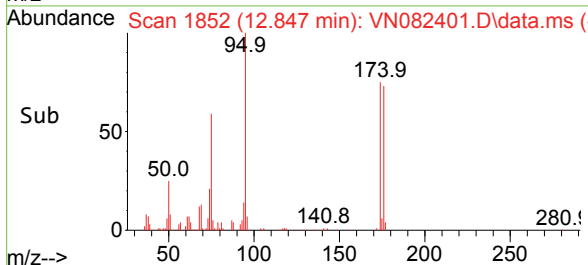
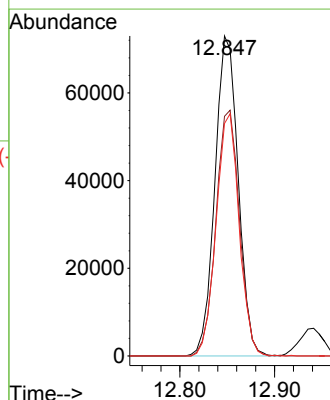
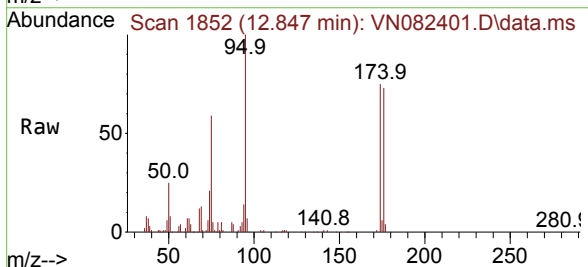
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

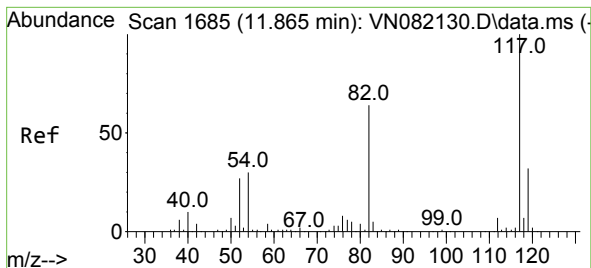
Tgt Ion:107 Resp: 44530
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.764 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 95 Resp: 124562
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.6
176 74.9 0.0 152.8

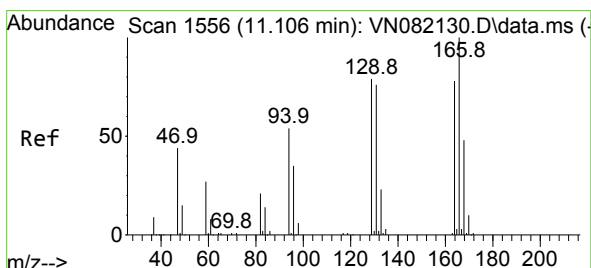
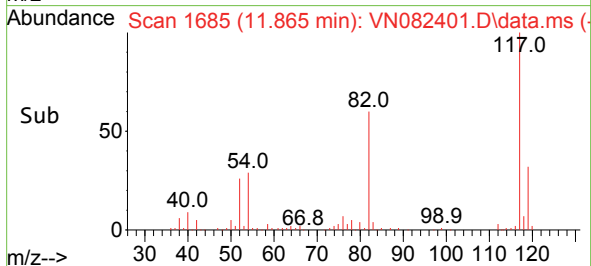
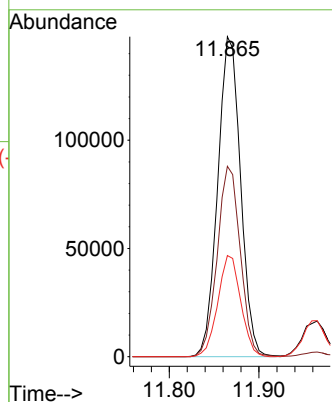
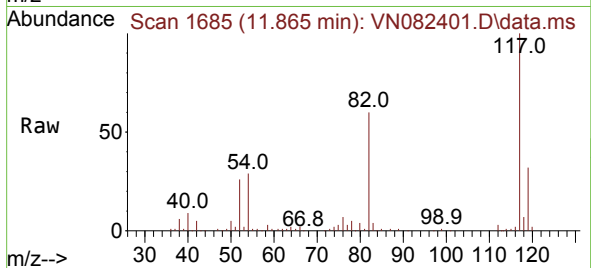




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

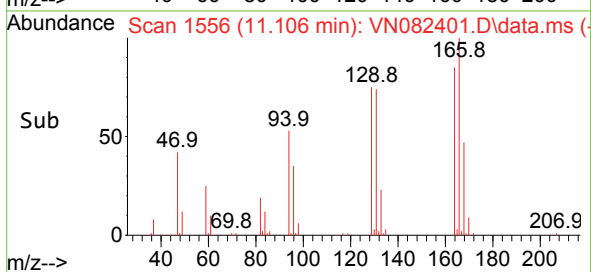
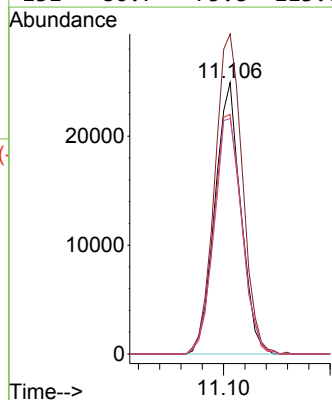
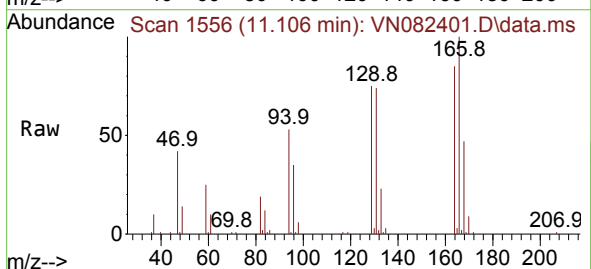
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

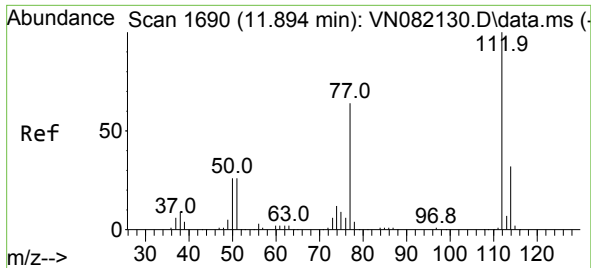
Tgt Ion:117 Resp: 261279
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 21.739 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:164 Resp: 42099
Ion Ratio Lower Upper
164 100
166 117.9 97.6 146.4
129 88.2 73.7 110.5
131 86.7 75.8 113.6

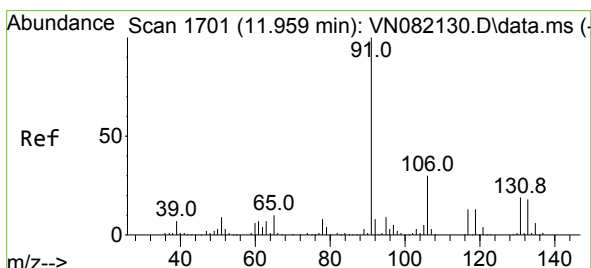
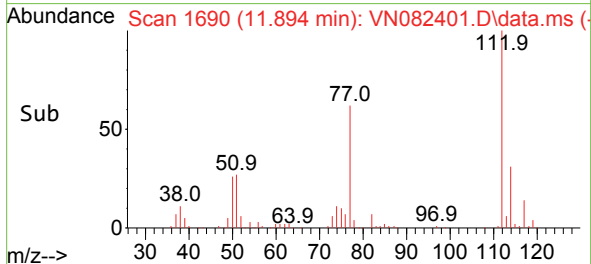
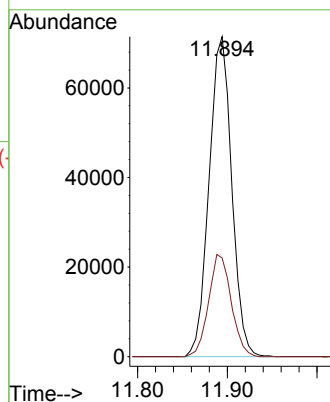
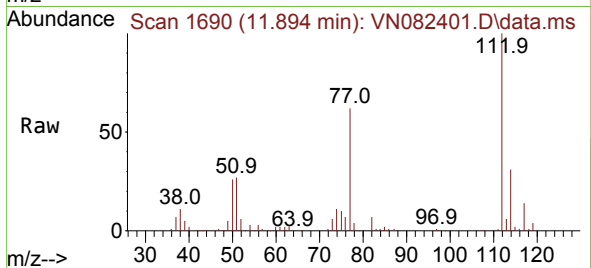




#65
Chlorobenzene
Concen: 21.697 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

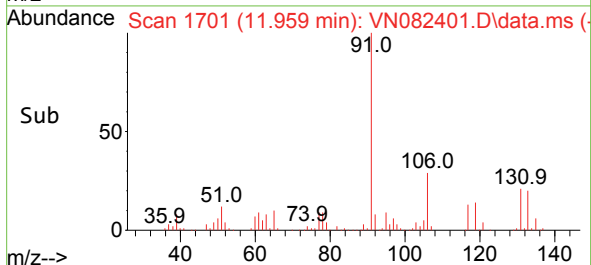
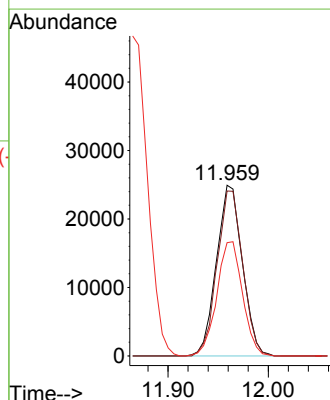
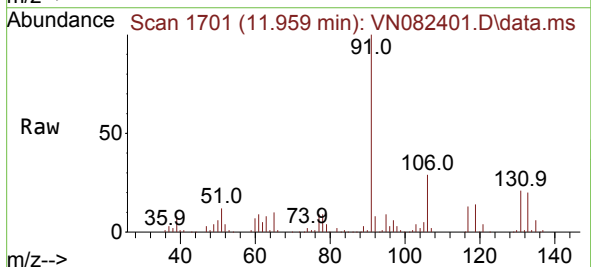
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

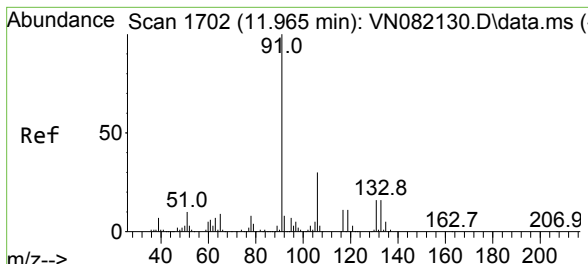
Tgt Ion:112 Resp: 125237
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.504 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:131 Resp: 44688
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.4 32.9 98.7

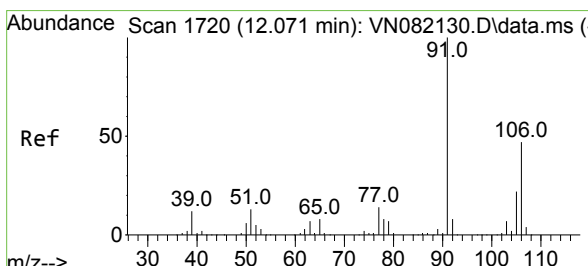
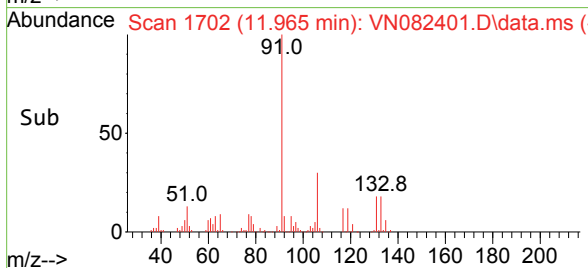
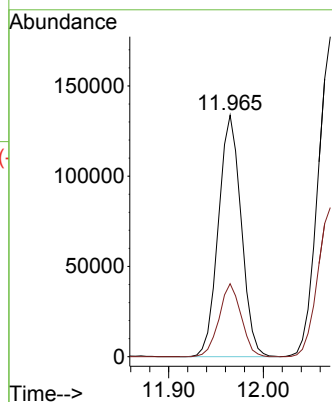
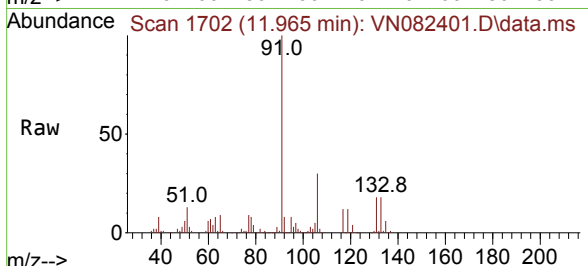




#67
Ethyl Benzene
Concen: 21.659 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

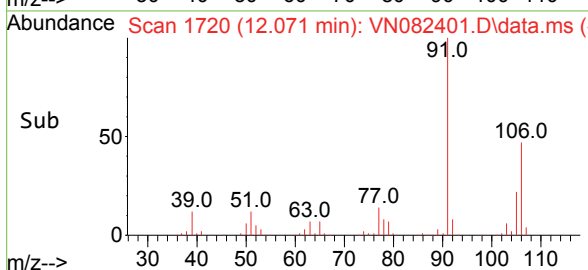
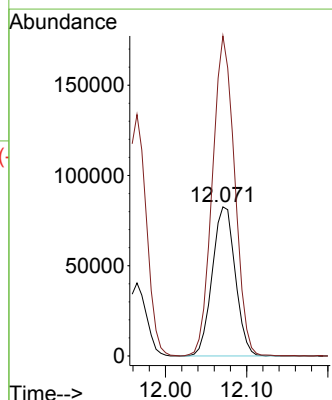
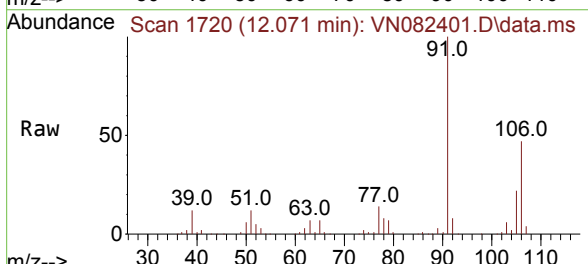
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

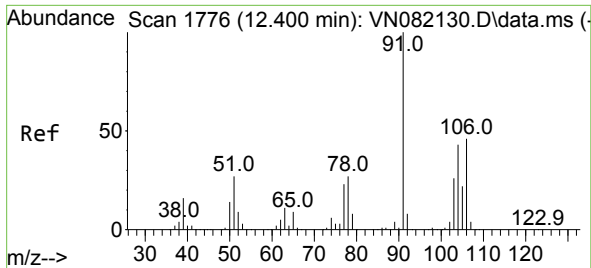
Tgt Ion: 91 Resp: 223635
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 43.025 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 106 Resp: 162818
Ion Ratio Lower Upper
106 100
91 207.7 159.4 239.0

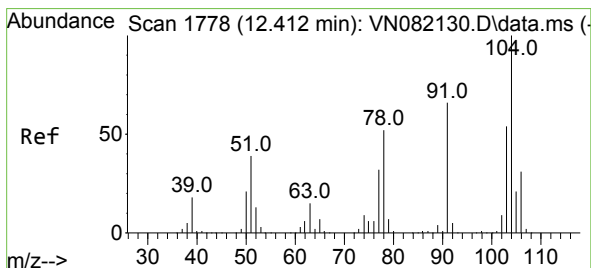
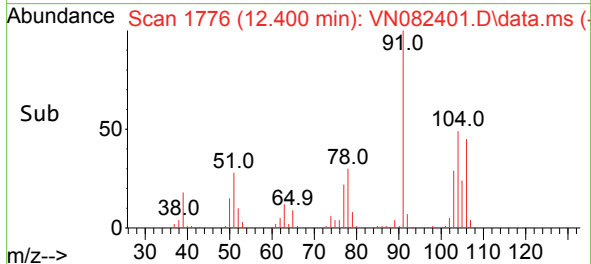
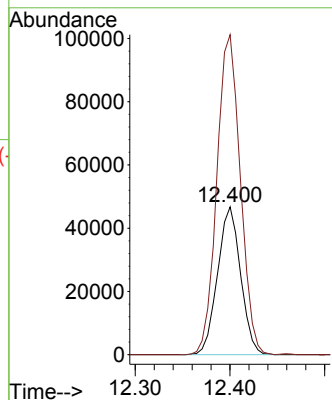
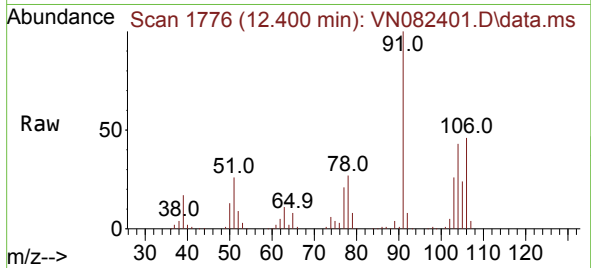




#69
o-Xylene
Concen: 21.544 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

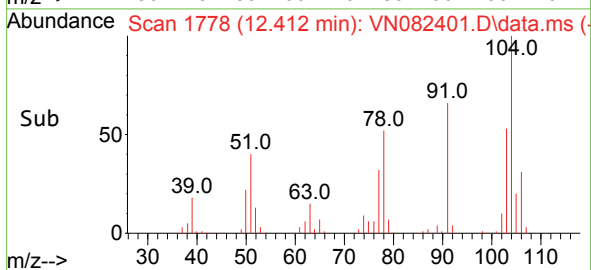
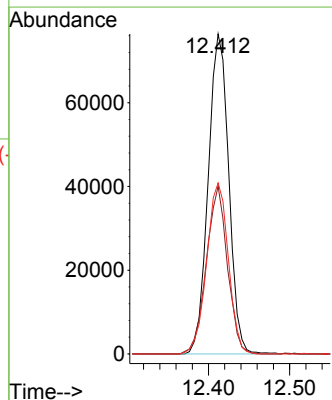
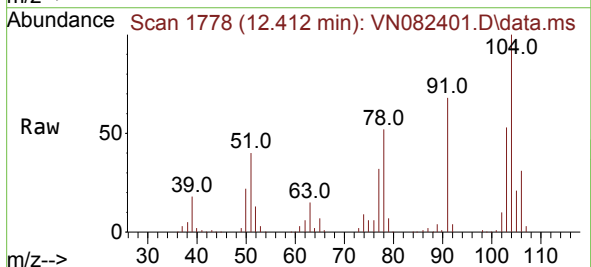
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

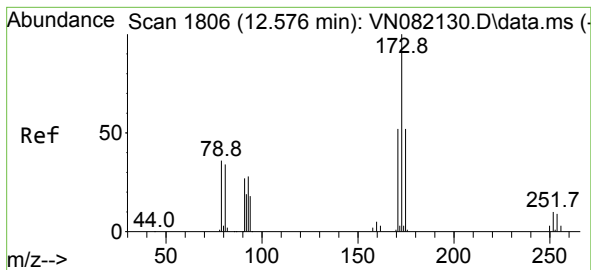
Tgt Ion:106 Resp: 78973
Ion Ratio Lower Upper
106 100
91 221.0 104.7 314.1



#70
Styrene
Concen: 22.043 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:104 Resp: 134215
Ion Ratio Lower Upper
104 100
78 53.9 38.6 58.0
103 56.3 43.8 65.6





#71

Bromoform

Concen: 23.486 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

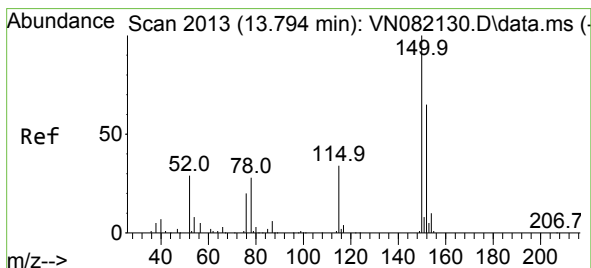
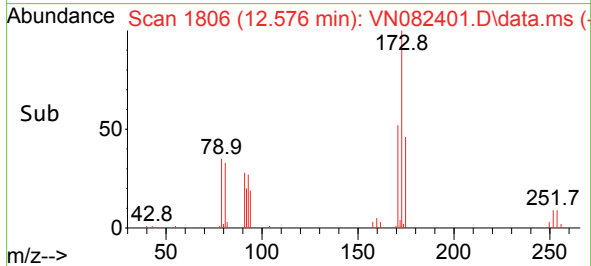
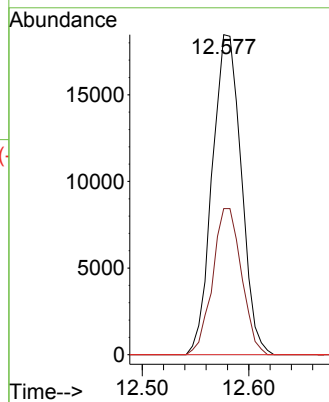
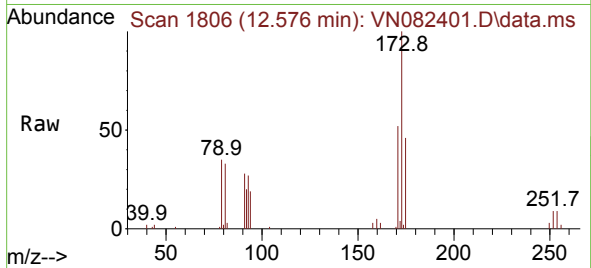
Tgt Ion:173 Resp: 34944

Ion Ratio Lower Upper

173 100

175 45.4 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: VN082401.D

Acq: 31 May 2024 12:21

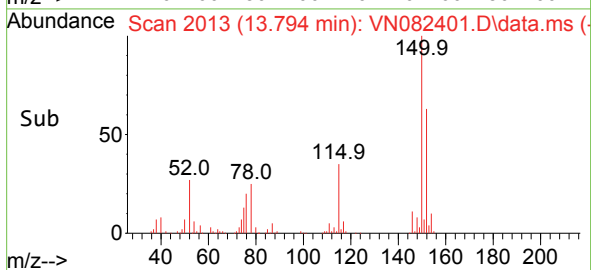
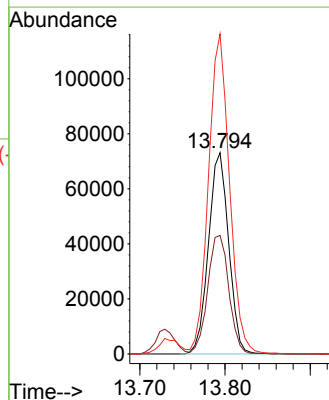
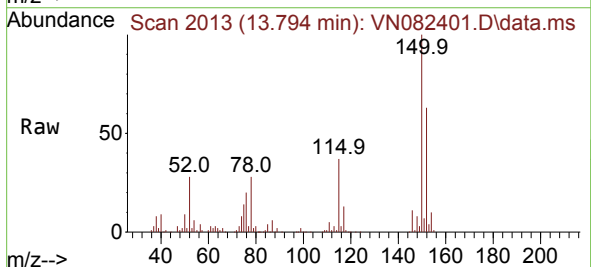
Tgt Ion:152 Resp: 120722

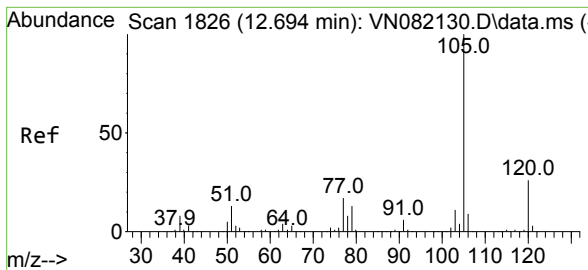
Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 165.2 0.0 353.2

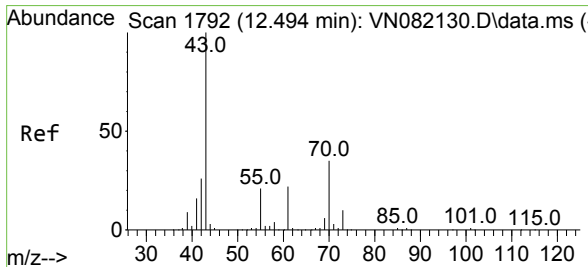
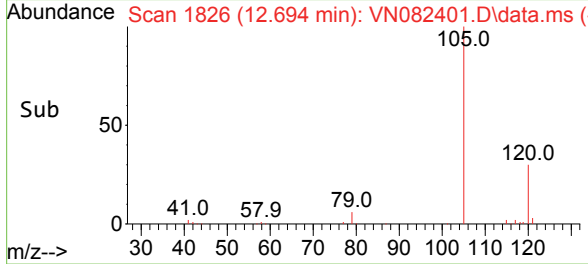
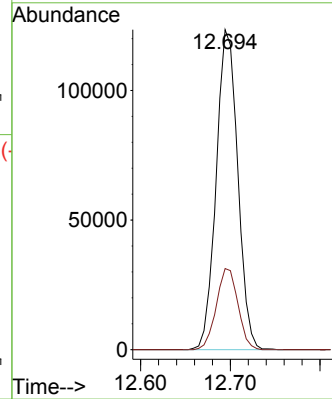
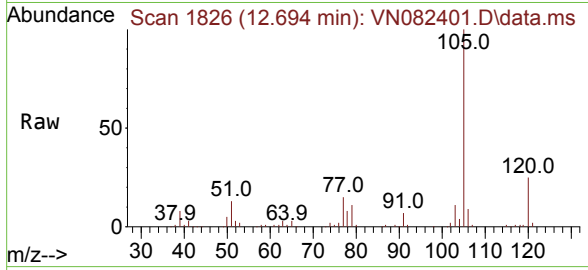




#73
Isopropylbenzene
Concen: 21.464 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

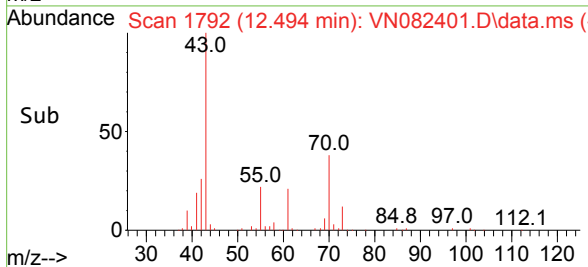
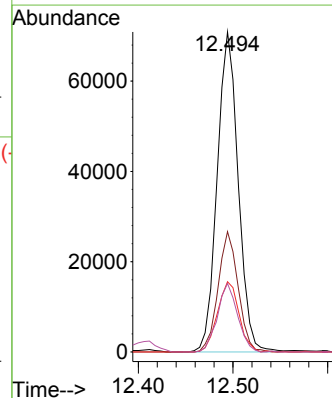
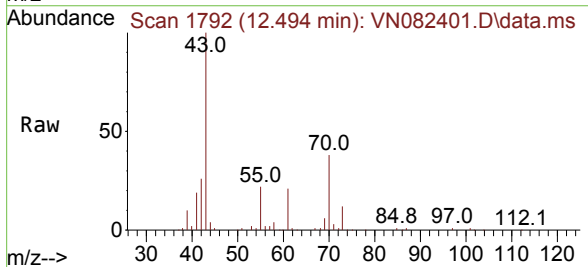
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

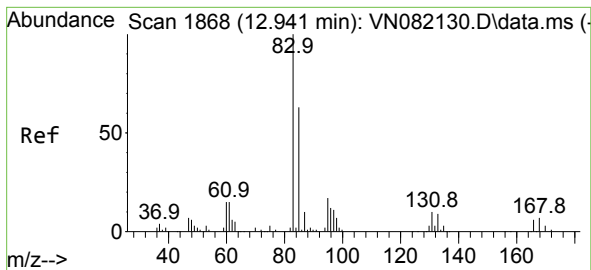
Tgt Ion:105 Resp: 205852
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 20.735 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 43 Resp: 109385
Ion Ratio Lower Upper
43 100
70 35.9 39.0 58.4#
55 22.6 21.3 31.9
61 20.6 20.5 30.7

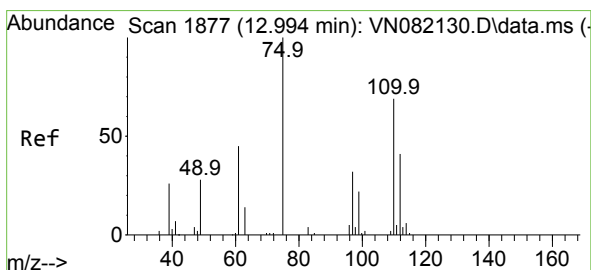
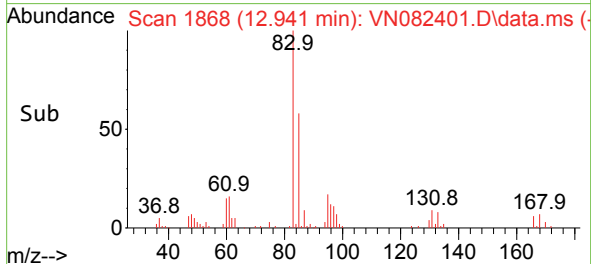
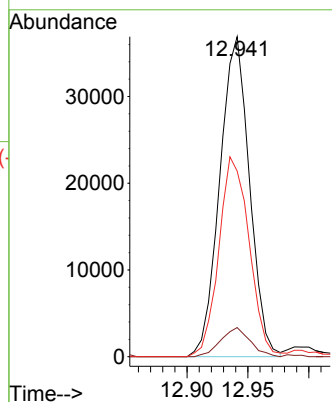
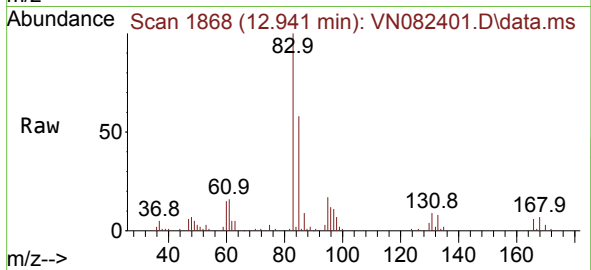




#75
1,1,2,2-Tetrachloroethane
Concen: 22.658 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

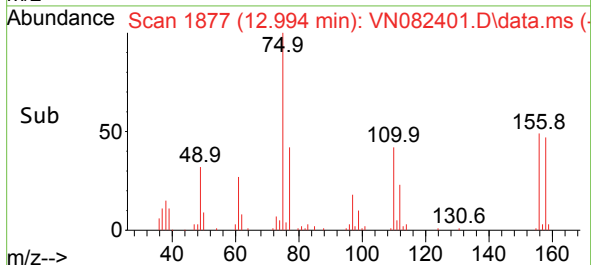
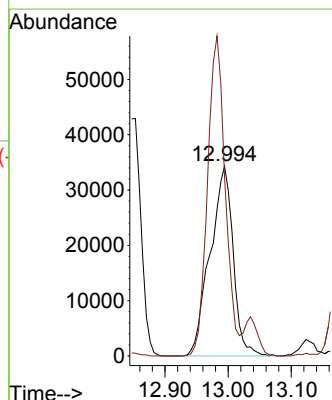
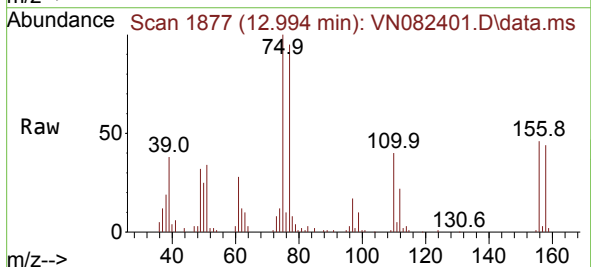
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

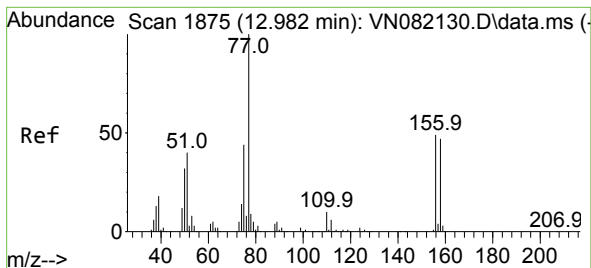
Tgt Ion: 83 Resp: 62640
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.4
85 64.0 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 34.172 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 75 Resp: 86829
Ion Ratio Lower Upper
75 100
77 129.7 90.5 271.3





#77

Bromobenzene

Concen: 21.780 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

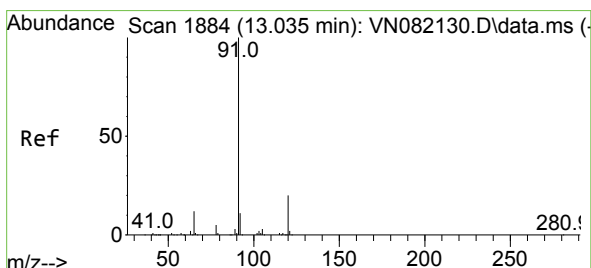
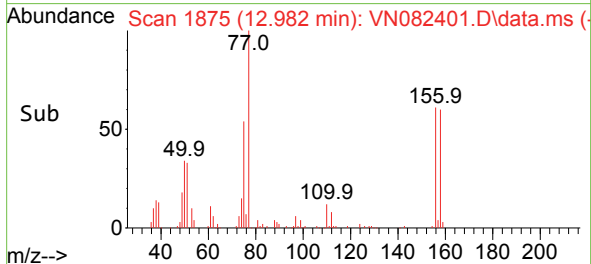
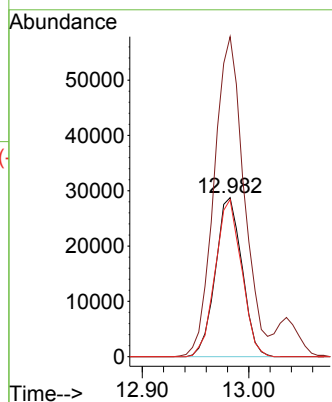
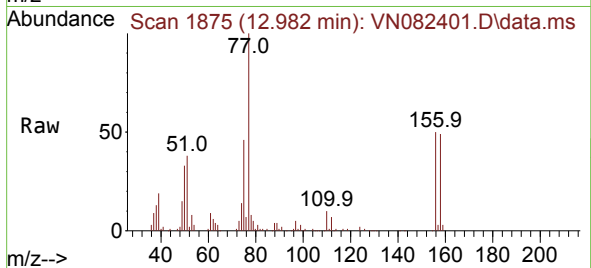
Tgt Ion:156 Resp: 49781

Ion Ratio Lower Upper

156 100

77 226.2 100.2 300.6

158 97.8 49.1 147.3



#78

n-propylbenzene

Concen: 21.013 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082401.D

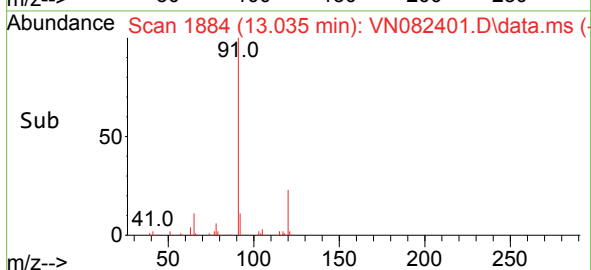
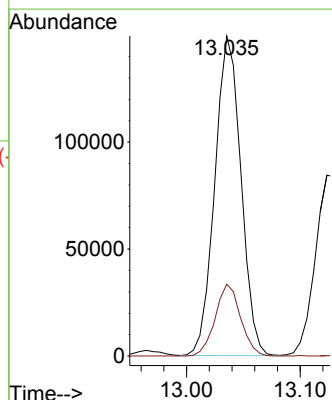
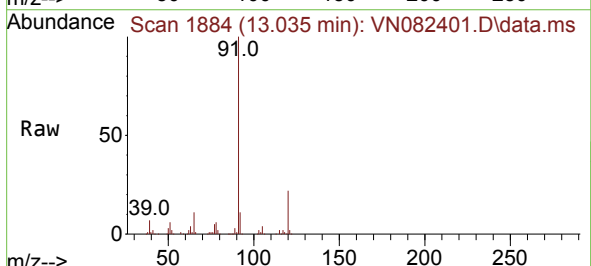
Acq: 31 May 2024 12:21

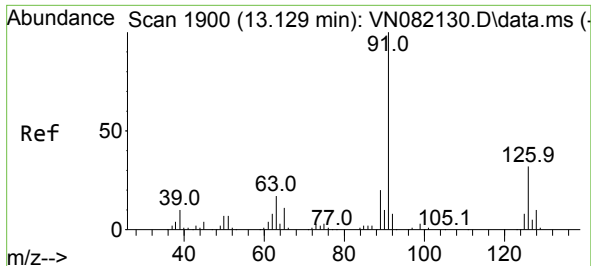
Tgt Ion: 91 Resp: 238649

Ion Ratio Lower Upper

91 100

120 21.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 21.118 ug/l

RT: 13.124 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

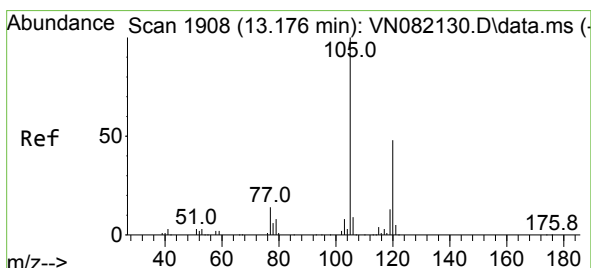
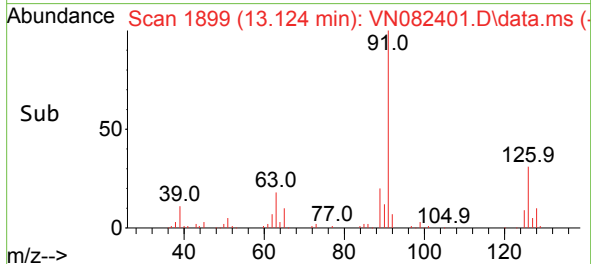
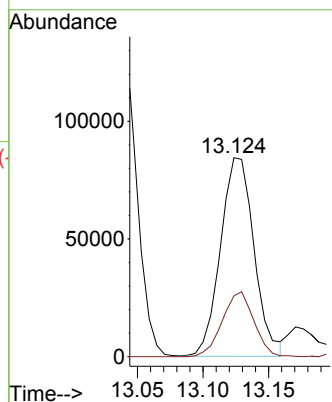
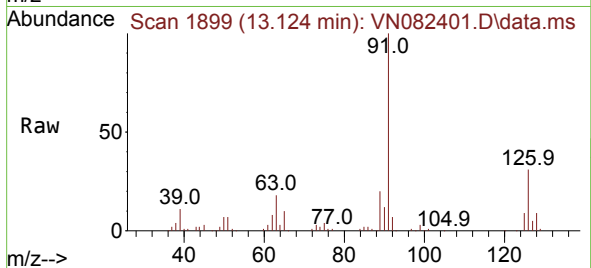
VN0531WBSD01

Tgt Ion: 91 Resp: 150600

Ion Ratio Lower Upper

91 100

126 30.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.640 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082401.D

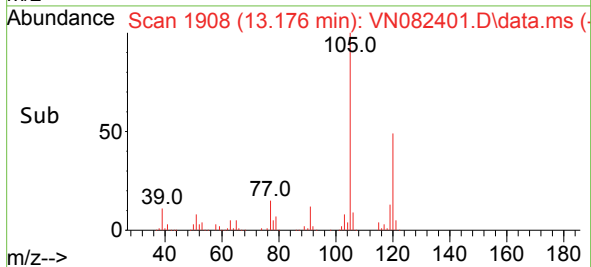
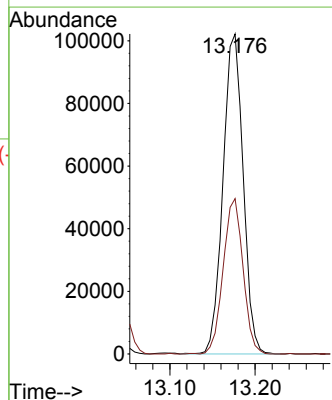
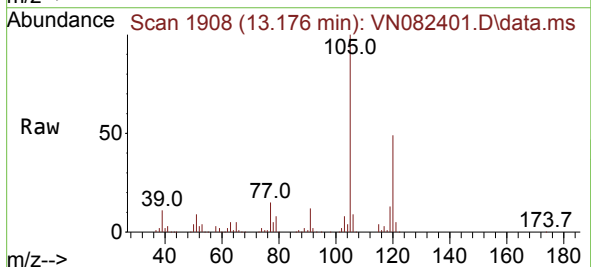
Acq: 31 May 2024 12:21

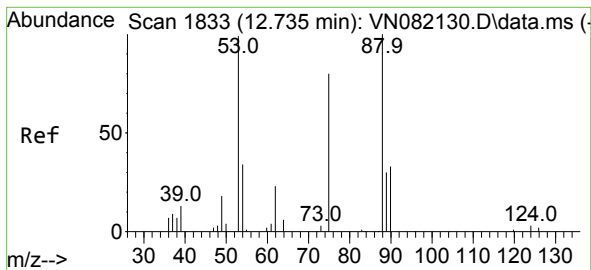
Tgt Ion:105 Resp: 167818

Ion Ratio Lower Upper

105 100

120 47.8 24.8 74.3

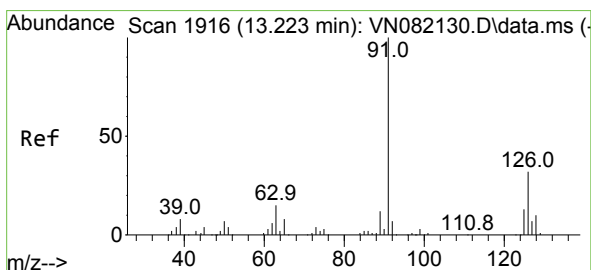
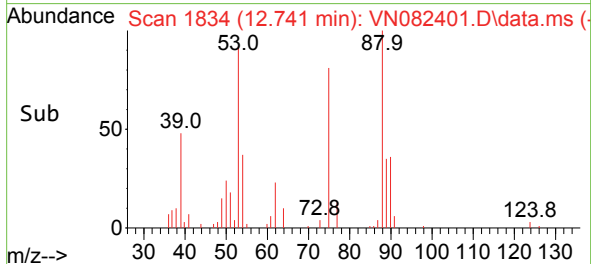
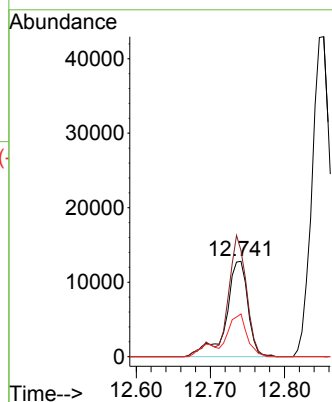
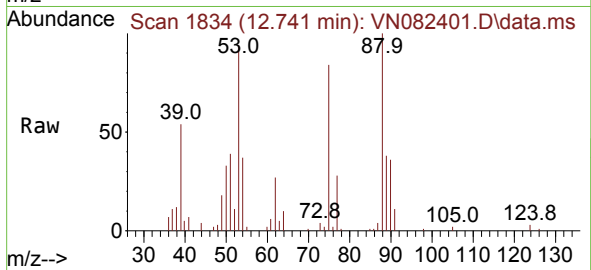




#81
trans-1,4-Dichloro-2-butene
Concen: 24.017 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

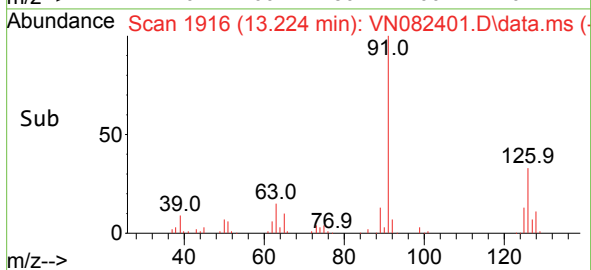
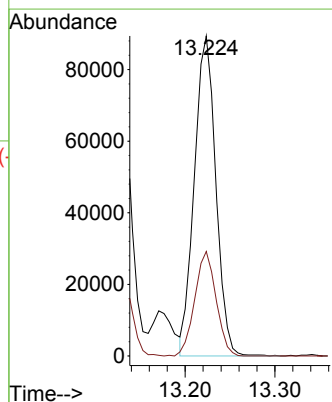
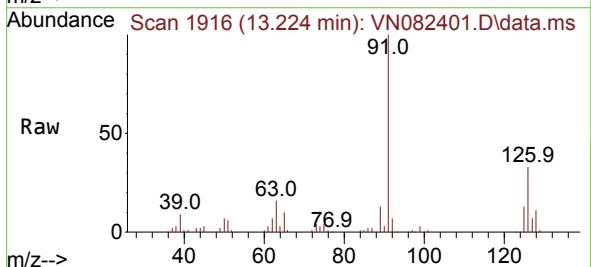
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

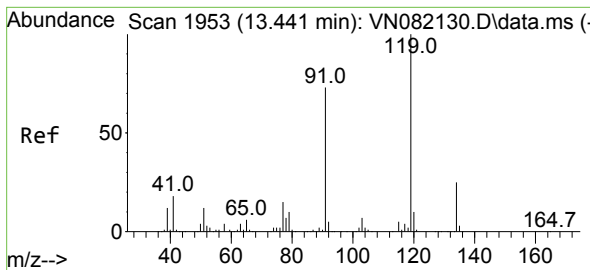
Tgt Ion: 75 Resp: 26091
Ion Ratio Lower Upper
75 100
53 102.7 72.9 109.3
89 38.2 39.1 58.7#



#82
4-Chlorotoluene
Concen: 21.296 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 91 Resp: 148492
Ion Ratio Lower Upper
91 100
126 32.4 17.4 52.3

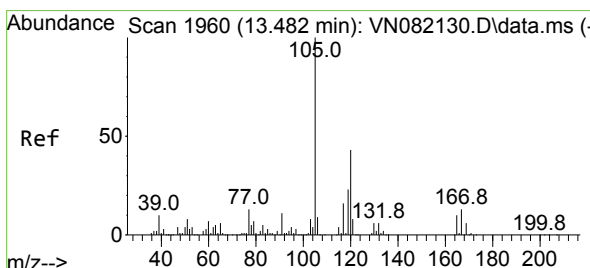
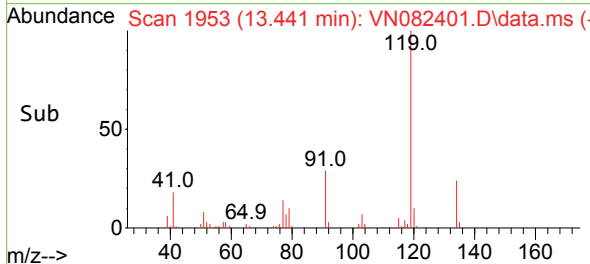
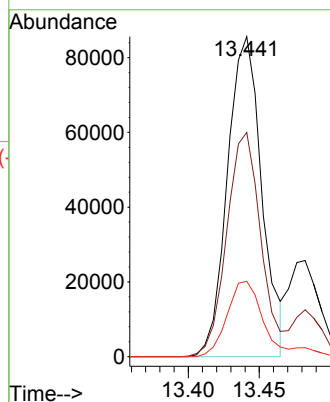
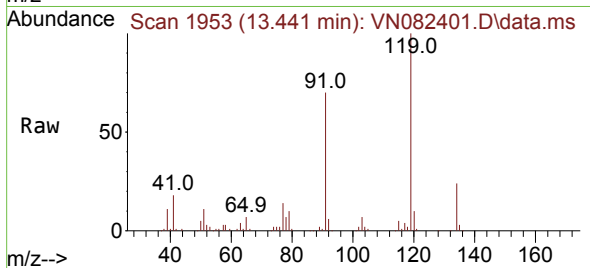




#83
 tert-Butylbenzene
 Concen: 21.264 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

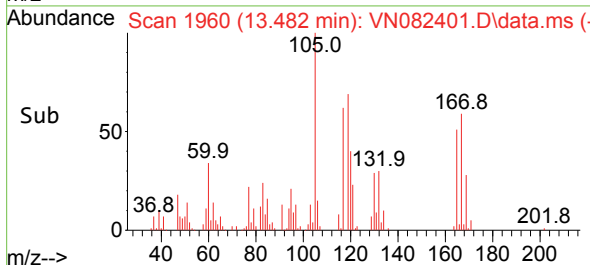
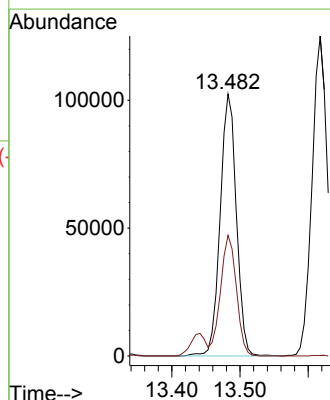
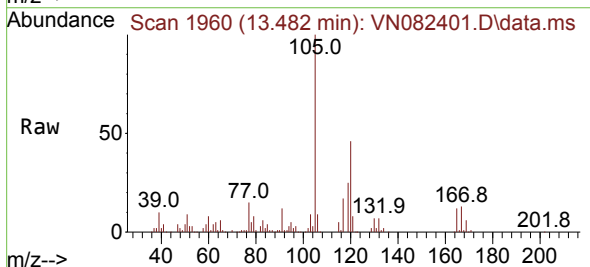
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

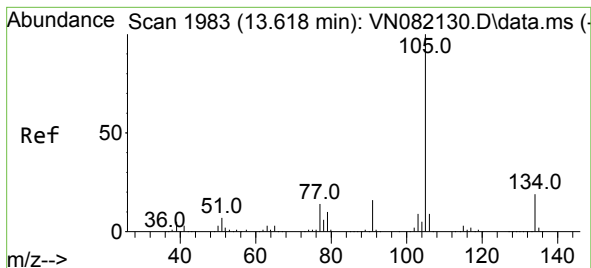
Tgt Ion:119 Resp: 144263
 Ion Ratio Lower Upper
 119 100
 91 69.2 32.6 97.8
 134 25.9 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.367 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

Tgt Ion:105 Resp: 169522
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.318 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

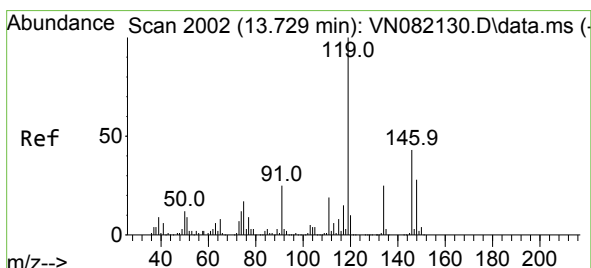
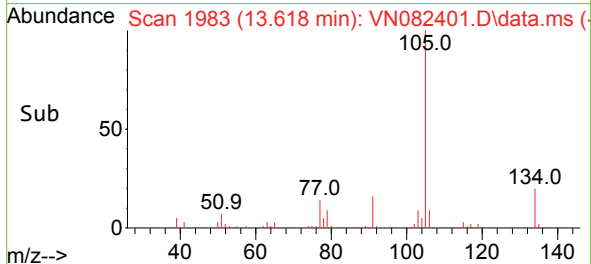
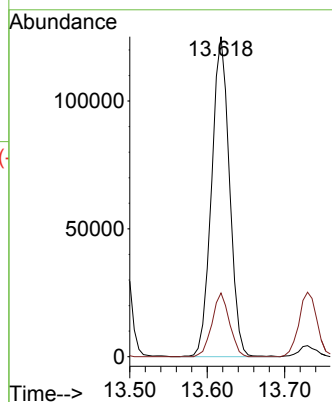
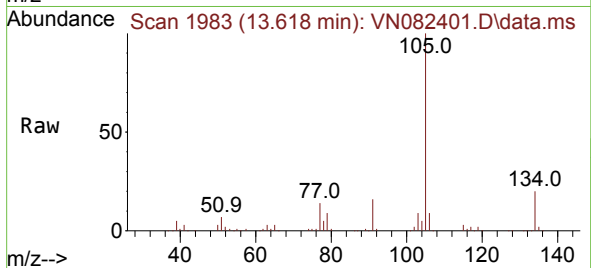
VN0531WBSD01

Tgt Ion:105 Resp: 200466

Ion Ratio Lower Upper

105 100

134 19.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.726 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

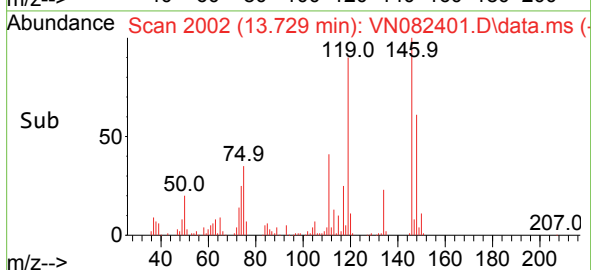
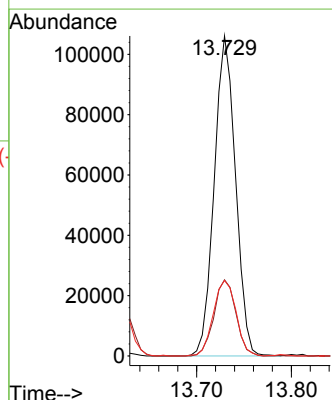
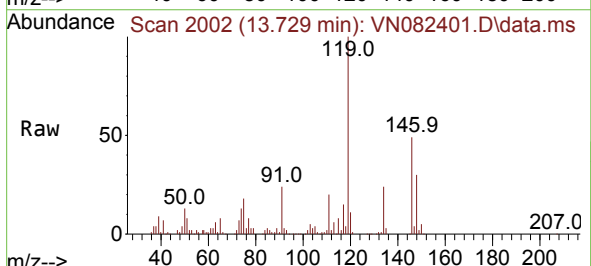
Tgt Ion:119 Resp: 166042

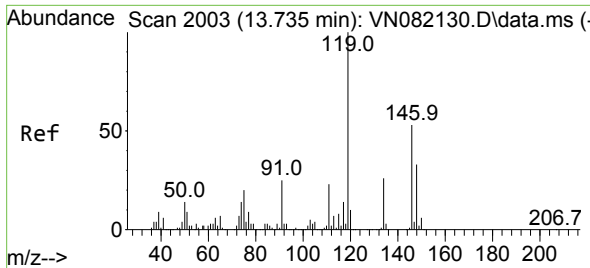
Ion Ratio Lower Upper

119 100

134 24.5 13.2 39.5

91 25.2 11.8 35.3

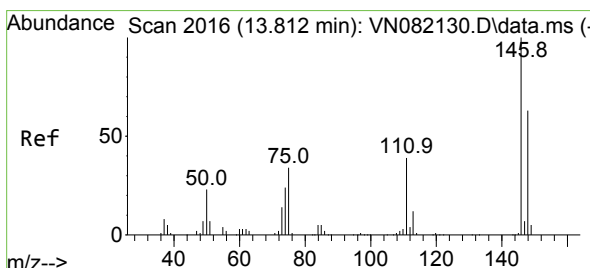
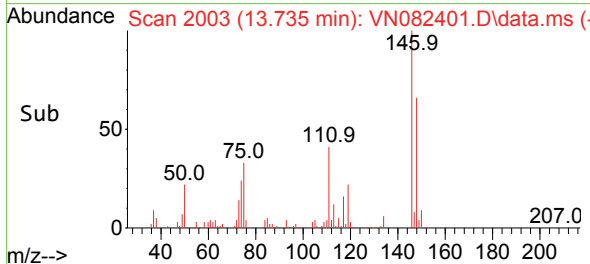
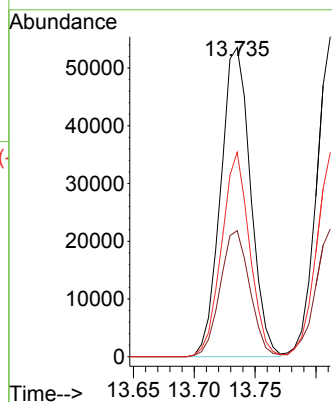
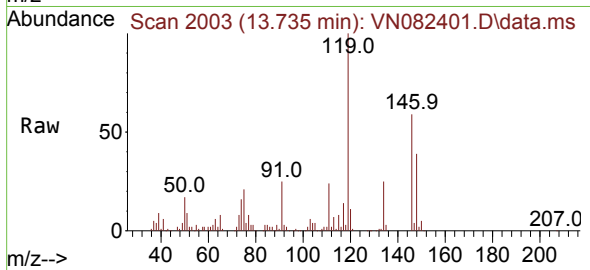




#87
1,3-Dichlorobenzene
Concen: 22.074 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

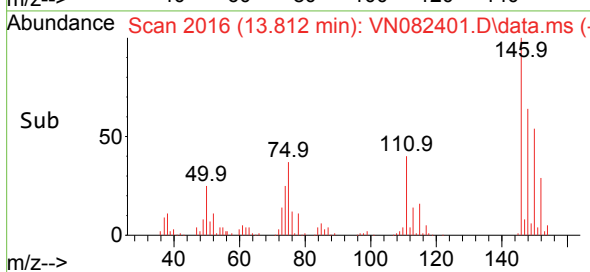
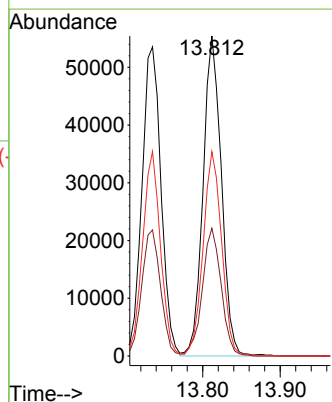
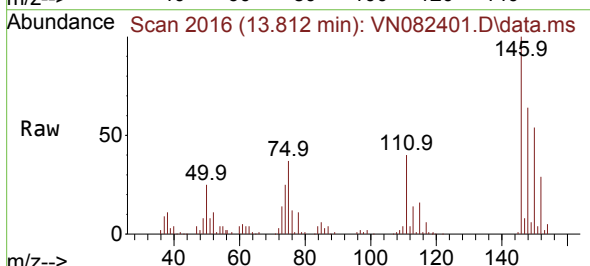
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

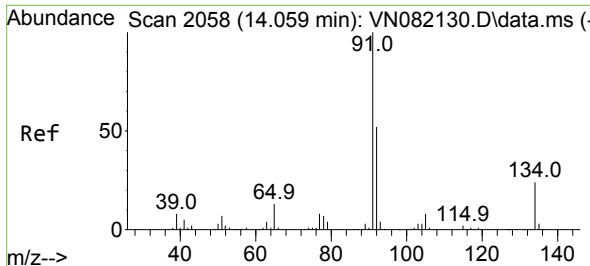
Tgt Ion:146 Resp: 91403
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.5
148 62.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 21.535 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion:146 Resp: 91013
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.9
148 64.5 31.3 93.9

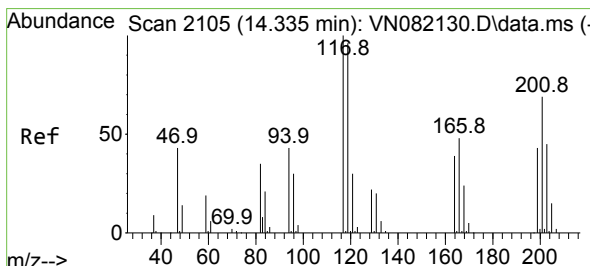
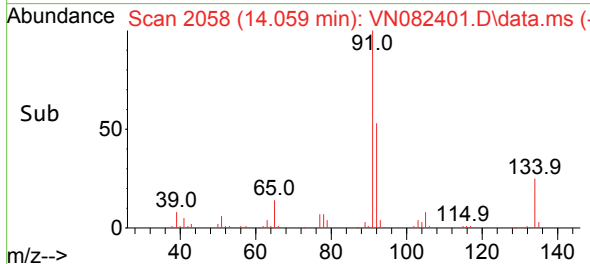
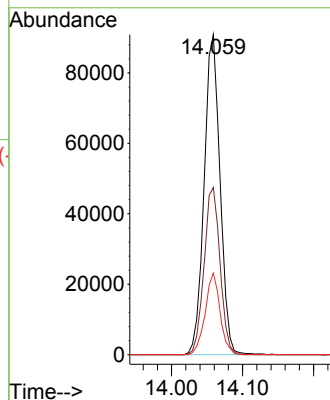
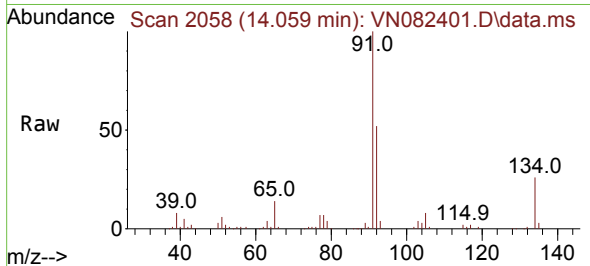




#89
n-Butylbenzene
Concen: 20.653 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

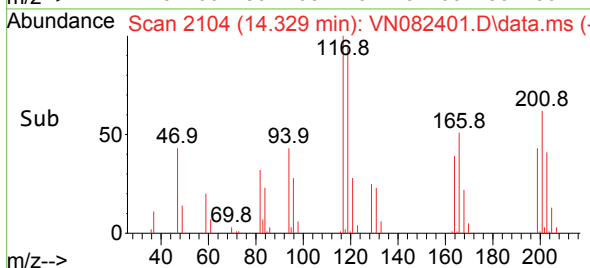
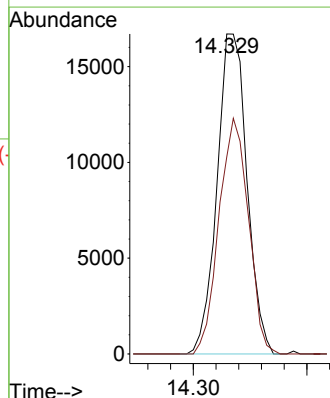
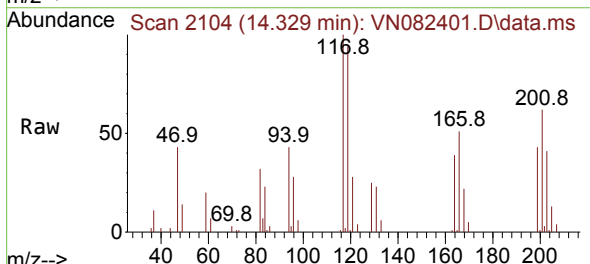
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

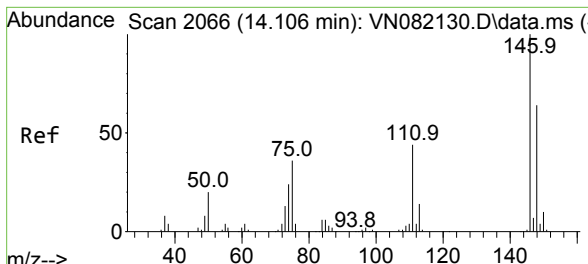
Tgt Ion: 91 Resp: 141866
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 23.9 13.2 39.5



#90
Hexachloroethane
Concen: 21.615 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN082401.D
Acq: 31 May 2024 12:21

Tgt Ion: 117 Resp: 30607
Ion Ratio Lower Upper
117 100
201 72.3 33.3 99.8

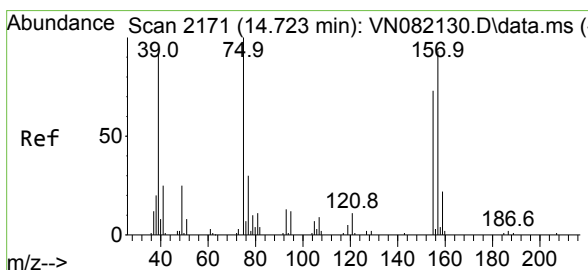
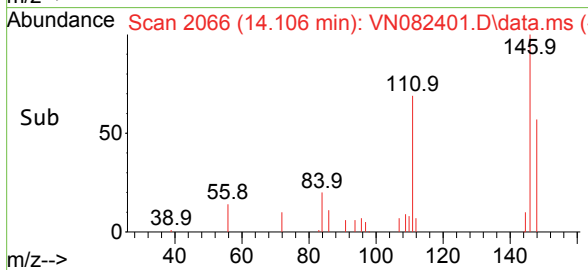
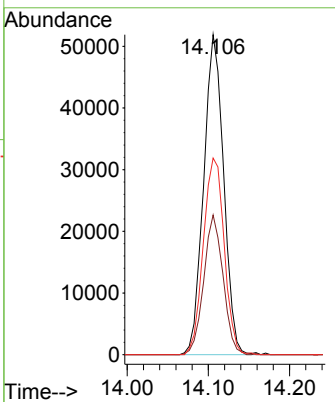
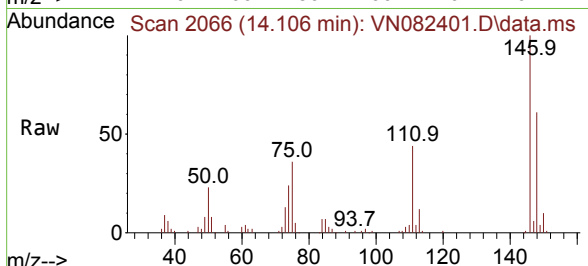




#91
 1,2-Dichlorobenzene
 Concen: 22.627 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

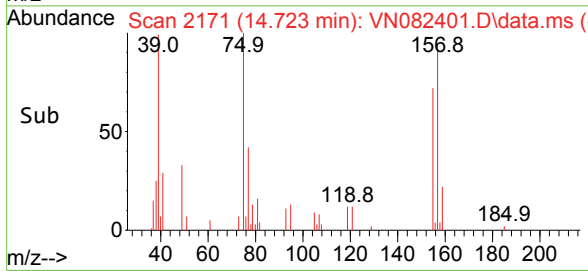
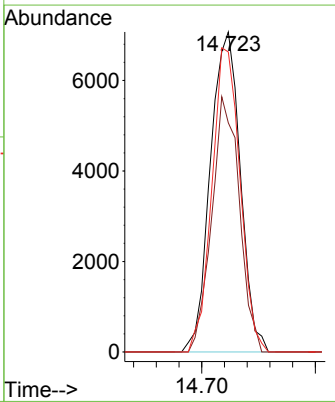
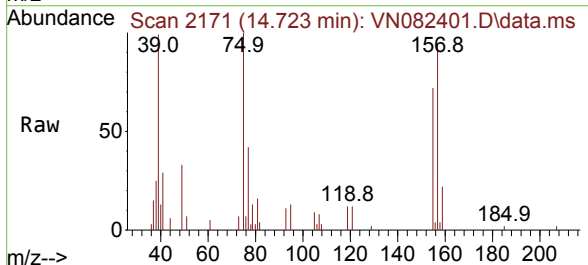
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

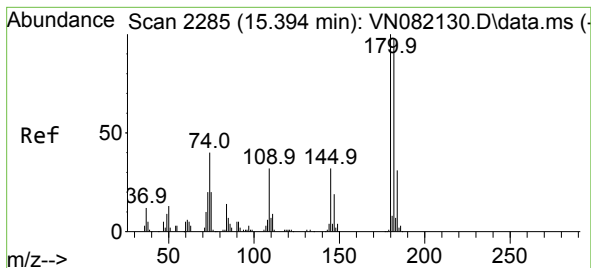
Tgt Ion:	146	Resp:	88687
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.3	64.0
148	64.1	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.751 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082401.D
 Acq: 31 May 2024 12:21

Tgt Ion:	75	Resp:	12923
Ion Ratio	Lower	Upper	
75	100		
155	73.7	42.6	128.0
157	89.4	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 21.286 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

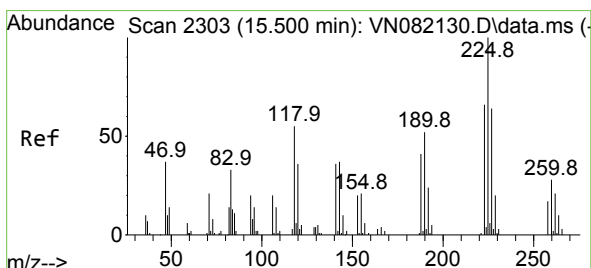
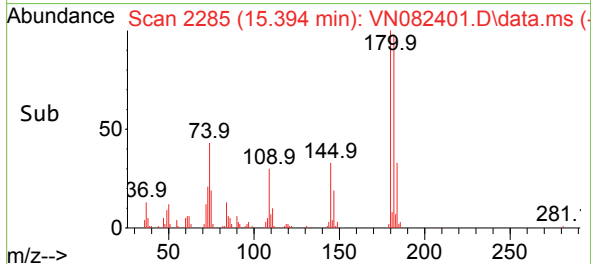
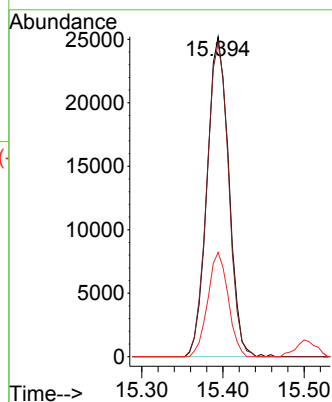
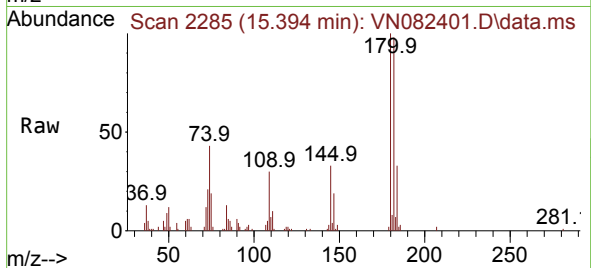
Tgt Ion:180 Resp: 46766

Ion Ratio Lower Upper

180 100

182 98.6 46.7 140.0

145 30.6 16.2 48.6



#94

Hexachlorobutadiene

Concen: 20.897 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

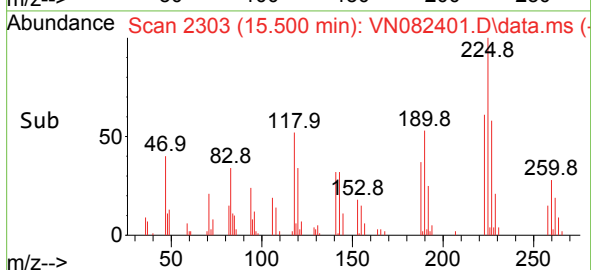
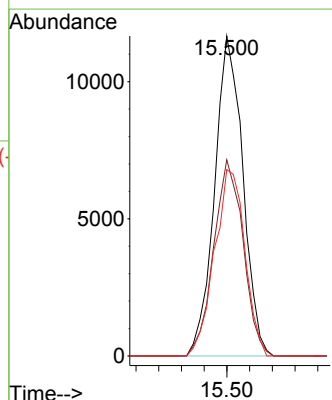
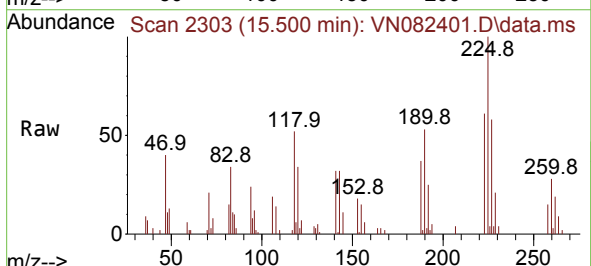
Tgt Ion:225 Resp: 20146

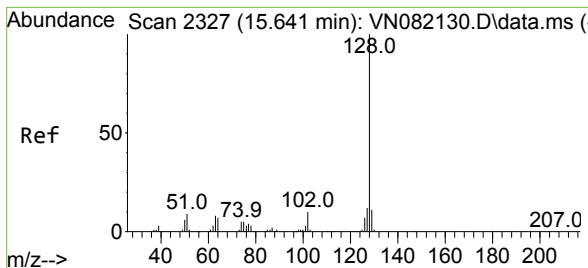
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

227 62.6 30.6 91.6





#95

Naphthalene

Concen: 22.341 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

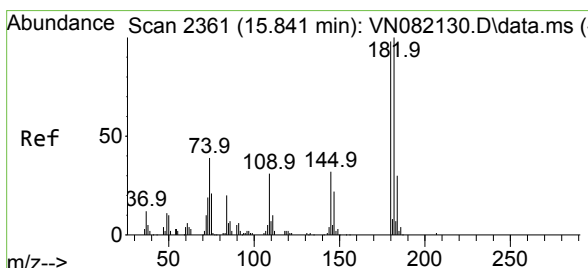
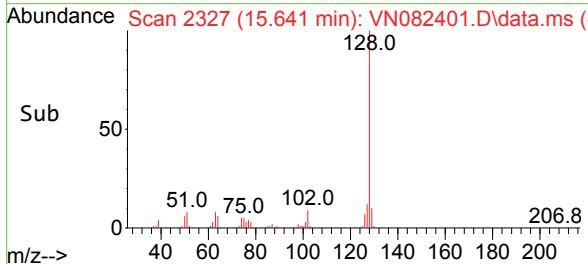
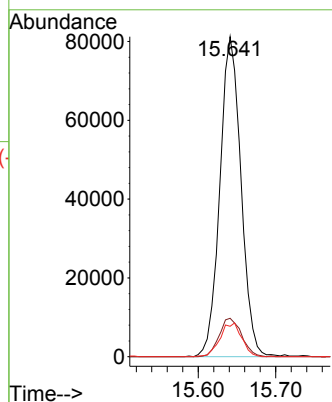
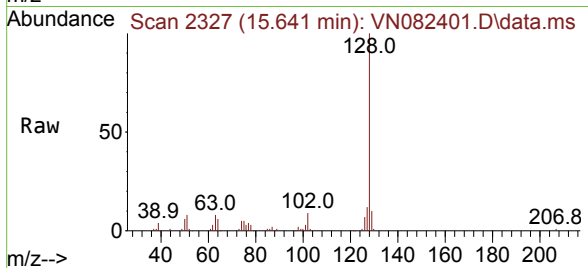
Tgt Ion:128 Resp: 153824

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.457 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082401.D

Acq: 31 May 2024 12:21

Tgt Ion:180 Resp: 47193

Ion Ratio Lower Upper

180 100

182 93.4 46.0 137.8

145 34.5 17.1 51.3

