

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082312.D
 Acq On : 23 May 2024 11:18
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:14:17 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	8.230	168	185260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148540	50.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.560%
35) Dibromofluoromethane	8.171	113	104318	54.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.820%
50) Toluene-d8	10.571	98	379683	51.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.853	95	133498	50.886	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	49146	18.400	ug/l	96
3) Chloromethane	2.365	50	57628	19.038	ug/l	98
4) Vinyl Chloride	2.512	62	55764	19.596	ug/l	96
5) Bromomethane	2.953	94	31818	19.452	ug/l	100
6) Chloroethane	3.124	64	37552	20.209	ug/l	94
7) Trichlorofluoromethane	3.495	101	74965	20.117	ug/l	100
8) Diethyl Ether	3.965	74	27603	20.793	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	42254	19.411	ug/l	98
10) Methyl Iodide	4.594	142	41762	19.084	ug/l	92
11) Tert butyl alcohol	5.524	59	50978	108.562	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40787	20.159	ug/l #	80
13) Acrolein	4.183	56	33410	96.013	ug/l	95
14) Allyl chloride	5.030	41	80503	18.584	ug/l #	90
15) Acrylonitrile	5.718	53	134013	110.195	ug/l	100
16) Acetone	4.430	43	124083	103.402	ug/l	91
17) Carbon Disulfide	4.712	76	111217	17.019	ug/l	98
18) Methyl Acetate	5.030	43	67910	22.724	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	152354	20.601	ug/l	91
20) Methylene Chloride	5.283	84	48330	19.962	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	43362	19.667	ug/l #	82
22) Diisopropyl ether	6.677	45	182687	20.197	ug/l #	92
23) Vinyl Acetate	6.606	43	732338	102.689	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	95065	20.390	ug/l	97
25) 2-Butanone	7.488	43	195589	107.502	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	79215	20.285	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	53293	20.481	ug/l	84
28) Bromochloromethane	7.812	49	41115	19.683	ug/l #	73
29) Tetrahydrofuran	7.841	42	131148	112.269	ug/l #	82
30) Chloroform	7.965	83	91742	20.606	ug/l	96
31) Cyclohexane	8.259	56	85100	18.214	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	80022	20.260	ug/l	92
36) 1,1-Dichloropropene	8.371	75	63553	19.765	ug/l	95
37) Ethyl Acetate	7.559	43	81029	22.518	ug/l #	94
38) Carbon Tetrachloride	8.365	117	69033	21.179	ug/l	97
39) Methylcyclohexane	9.606	83	68391	19.404	ug/l #	87
40) Benzene	8.606	78	198072	20.658	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44046	20.813	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78925	21.402	ug/l	96
43) Isopropyl Acetate	8.688	43	162735	25.522	ug/l #	83
44) Trichloroethene	9.353	130	44095	20.245	ug/l	89
45) 1,2-Dichloropropane	9.624	63	52334	21.154	ug/l	98
46) Dibromomethane	9.706	93	34008	20.938	ug/l	98
47) Bromodichloromethane	9.888	83	73362	21.396	ug/l	97
48) Methyl methacrylate	9.682	41	67482	22.211	ug/l #	82
49) 1,4-Dioxane	9.700	88	21265	499.482	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	415604	114.721	ug/l	89
52) Toluene	10.629	92	123507	21.464	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	75864	21.393	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	81287	21.655	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	46496	22.236	ug/l	94
56) Ethyl methacrylate	10.876	69	77329	21.782	ug/l #	68
57) 1,3-Dichloropropane	11.165	76	83965	21.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	204192	111.508	ug/l	90
59) 2-Hexanone	11.200	43	306554	115.568	ug/l	88
60) Dibromochloromethane	11.365	129	51808	22.451	ug/l	96
61) 1,2-Dibromoethane	11.470	107	46040	21.436	ug/l	98
64) Tetrachloroethene	11.106	164	45095	21.422	ug/l	95
65) Chlorobenzene	11.894	112	131040	20.885	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	44441	21.503	ug/l	97
67) Ethyl Benzene	11.965	91	229075	20.410	ug/l	98
68) m/p-Xylenes	12.076	106	169519	41.209	ug/l	94
69) o-Xylene	12.400	106	81199	20.378	ug/l	90
70) Styrene	12.412	104	138480	20.923	ug/l	96
71) Bromoform	12.576	173	34053	21.127	ug/l #	96
73) Isopropylbenzene	12.700	105	209386	20.292	ug/l	98
74) N-amyl acetate	12.494	43	114597	20.191	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65266	21.942	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	91324	33.406	ug/l	62
77) Bromobenzene	12.982	156	50374	20.485	ug/l	86
78) n-propylbenzene	13.035	91	248728	20.356	ug/l	97
79) 2-Chlorotoluene	13.129	91	152383	19.861	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	175897	21.082	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	26396	22.584	ug/l #	76
82) 4-Chlorotoluene	13.223	91	151043	20.134	ug/l	94
83) tert-Butylbenzene	13.441	119	146925	20.129	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	175671	20.580	ug/l	98
85) sec-Butylbenzene	13.617	105	209626	20.719	ug/l	96
86) p-Isopropyltoluene	13.729	119	171287	20.832	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	89440	20.076	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	91170	20.051	ug/l	97
89) n-Butylbenzene	14.059	91	143512	19.419	ug/l	98
90) Hexachloroethane	14.335	117	31501	20.678	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	91460	21.688	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14028	22.954	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	46348	19.608	ug/l	97
94) Hexachlorobutadiene	15.506	225	19979	19.262	ug/l	99
95) Naphthalene	15.641	128	151381	20.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47737	20.173	ug/l	99

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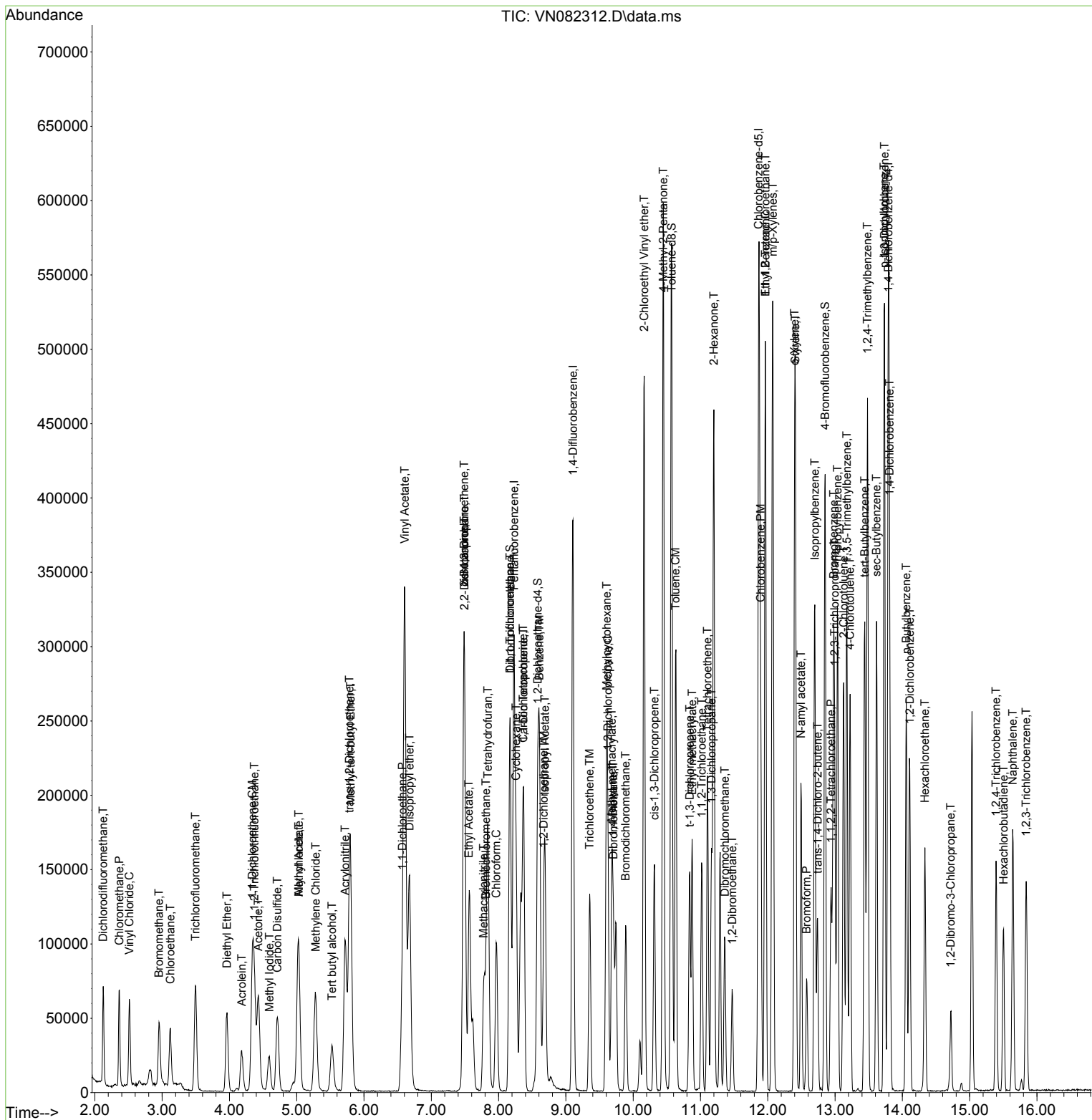
Instrument :
MSVOA_N
ClientSampleId :

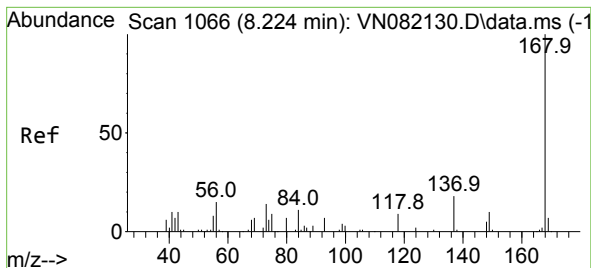
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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN082312.D

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MSVOA_N

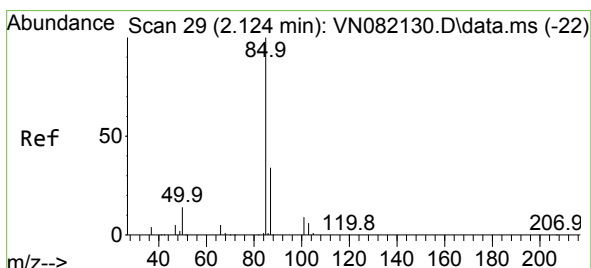
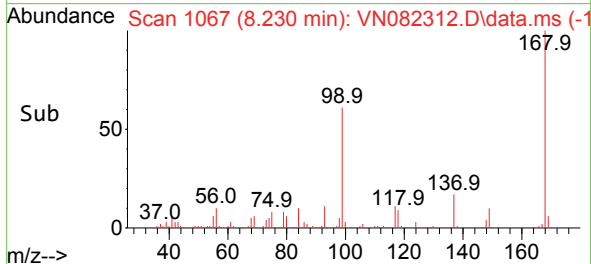
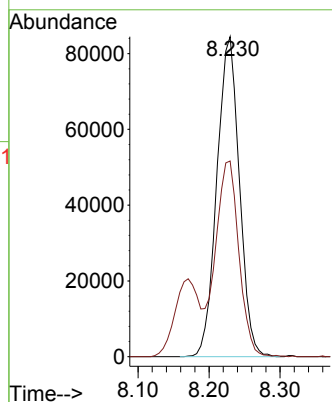
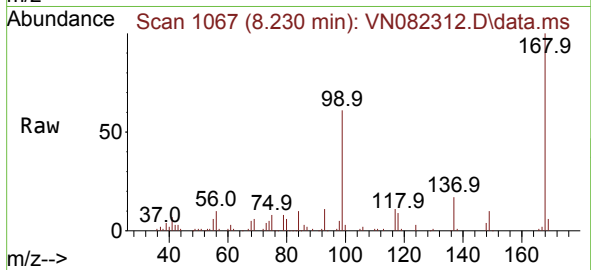
ClientSampleId :

Tgt Ion:168 Resp: 185260

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.400 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082312.D

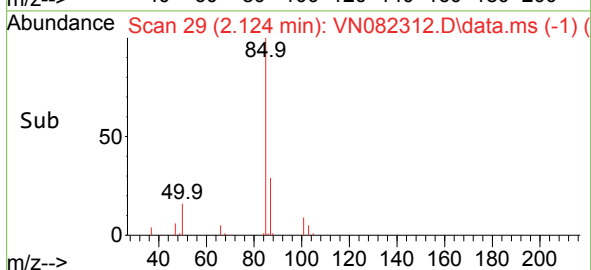
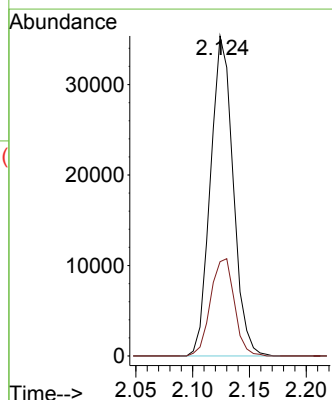
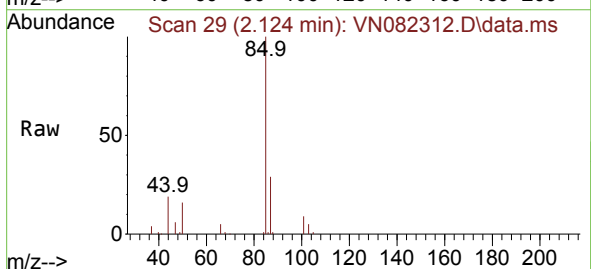
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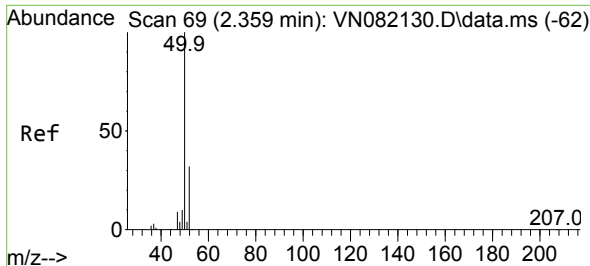
Tgt Ion: 85 Resp: 49146

Ion Ratio Lower Upper

85 100

87 29.5 15.8 47.4

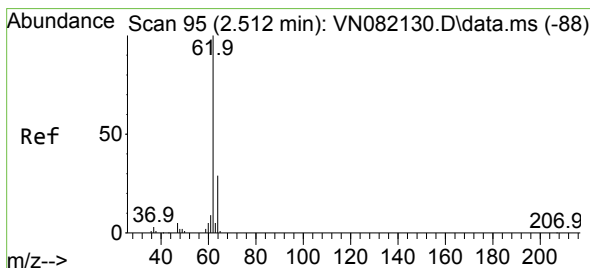
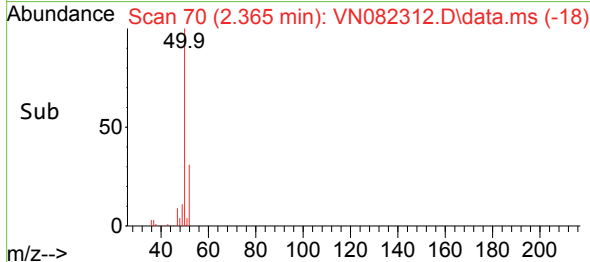
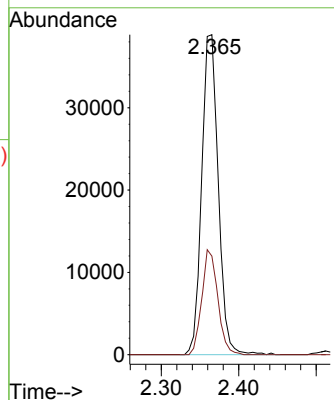
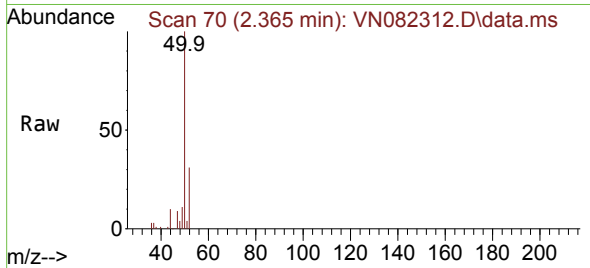




#3
Chloromethane
Concen: 19.038 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

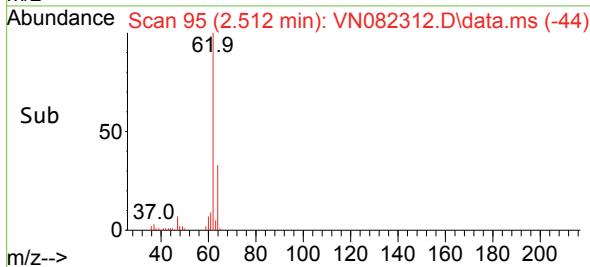
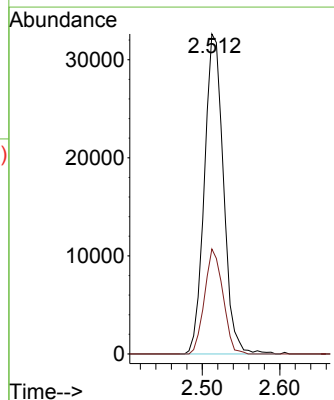
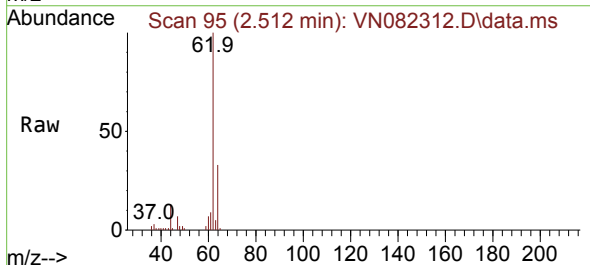
Instrument :
MSVOA_N
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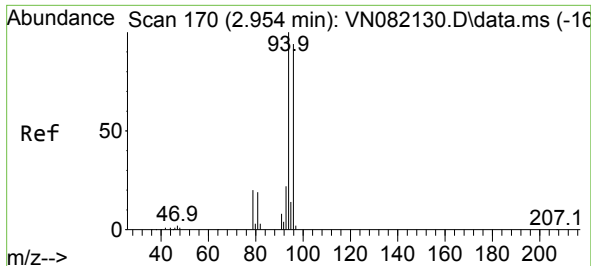
Tgt Ion: 50 Resp: 57628
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3



#4
Vinyl Chloride
Concen: 19.596 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 62 Resp: 55764
Ion Ratio Lower Upper
62 100
64 32.8 24.6 37.0

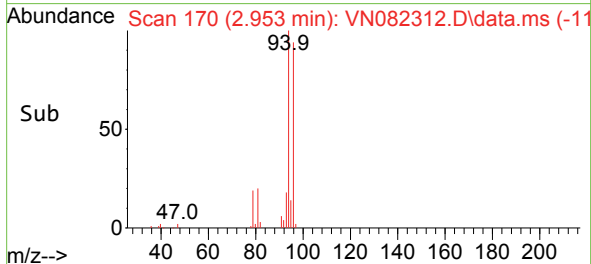
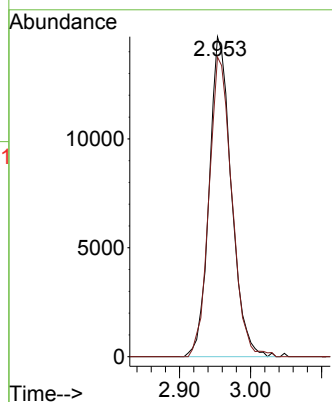
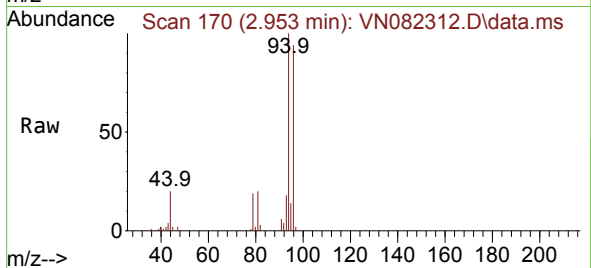




#5
Bromomethane
Concen: 19.452 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

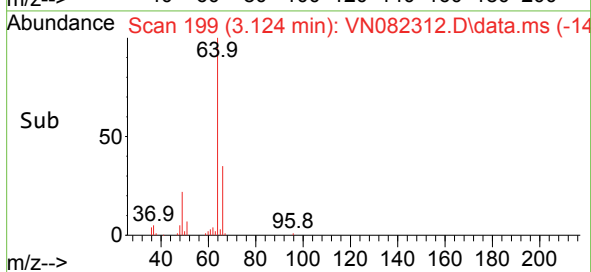
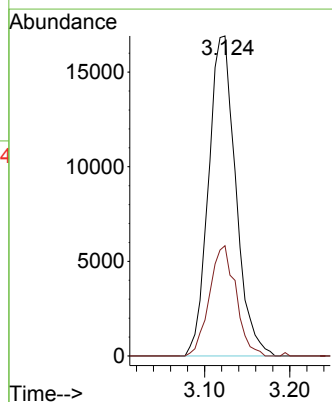
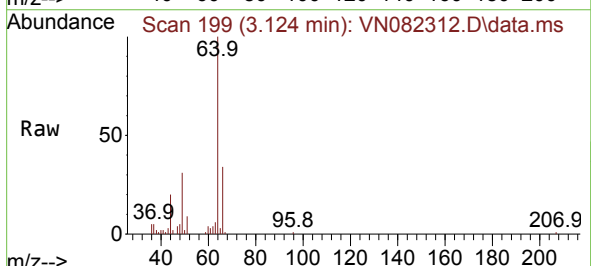
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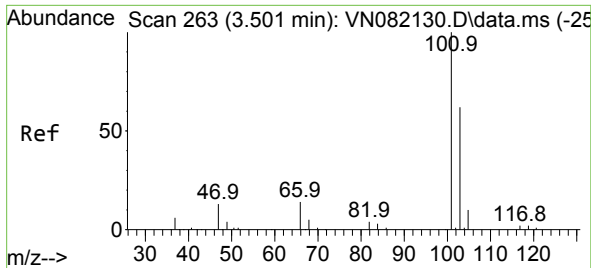
Tgt Ion: 94 Resp: 31818
Ion Ratio Lower Upper
94 100
96 93.6 74.8 112.2



#6
Chloroethane
Concen: 20.209 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 64 Resp: 37552
Ion Ratio Lower Upper
64 100
66 34.4 24.7 37.1

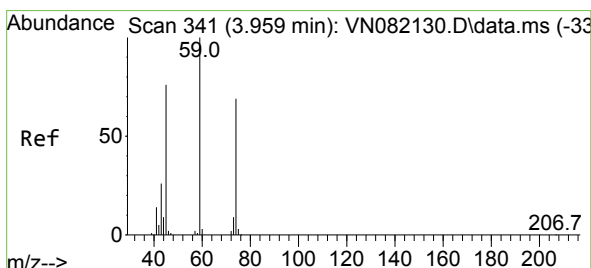
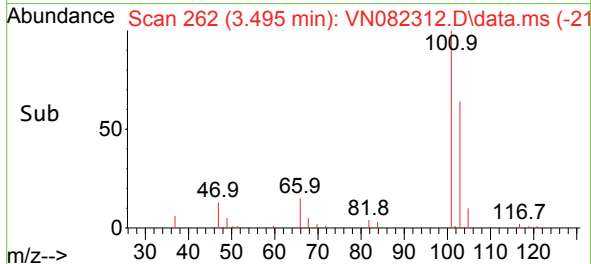
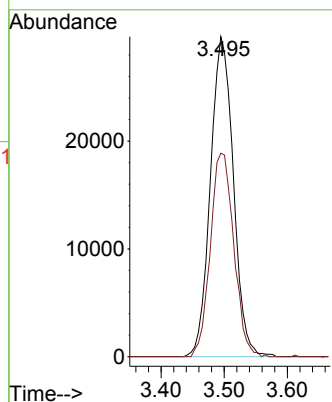
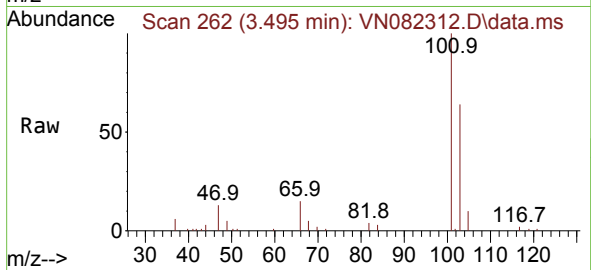




#7
Trichlorofluoromethane
Concen: 20.117 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082312.D
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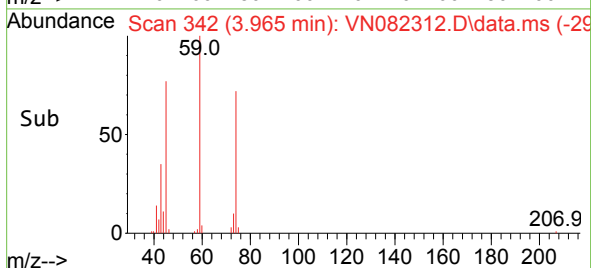
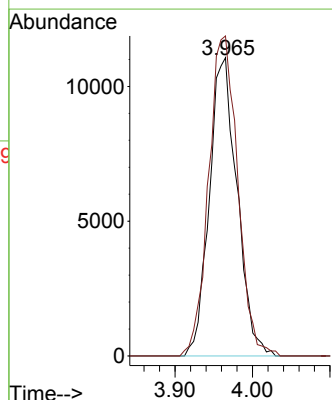
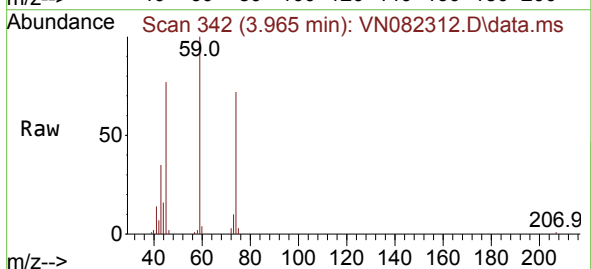
Instrument :
MSVOA_N
ClientSampleId :

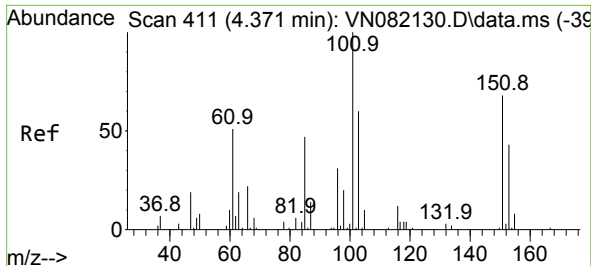
Tgt Ion:101 Resp: 74965
Ion Ratio Lower Upper
101 100
103 63.6 50.6 75.8



#8
Diethyl Ether
Concen: 20.793 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 74 Resp: 27603
Ion Ratio Lower Upper
74 100
45 112.2 42.4 127.3

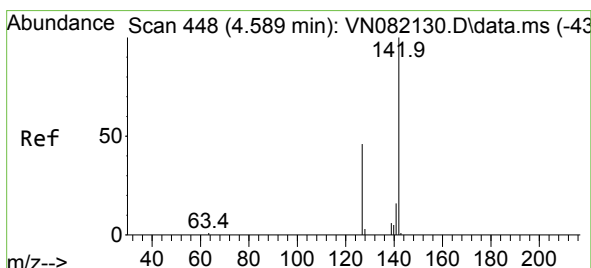
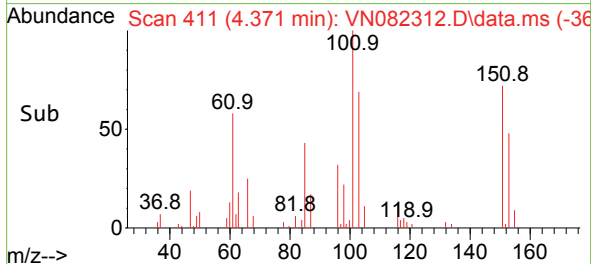
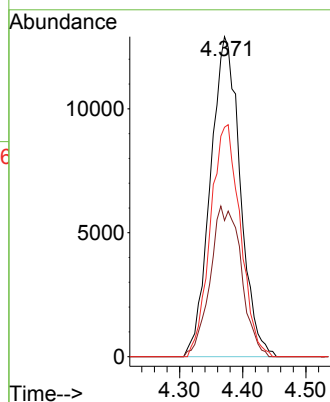
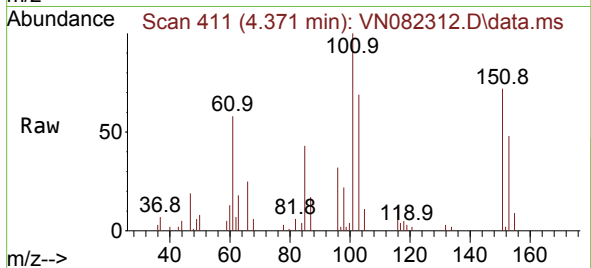




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.411 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082312.D
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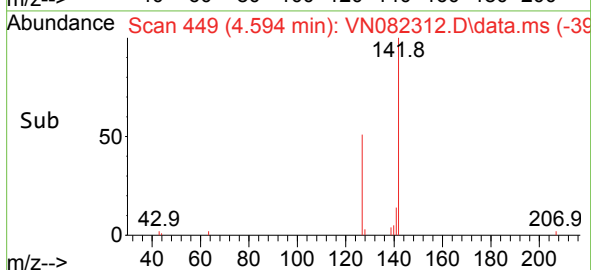
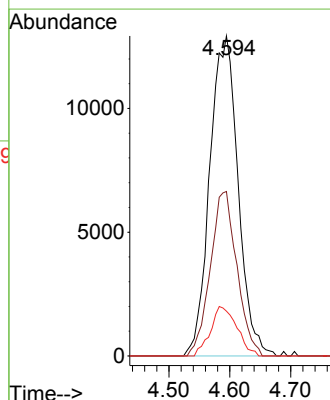
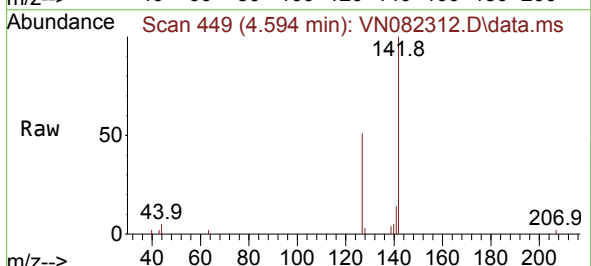
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 42254
Ion Ratio Lower Upper
101 100
85 49.1 37.3 55.9
151 72.6 59.2 88.8



#10
Methyl Iodide
Concen: 19.084 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:142 Resp: 41762
Ion Ratio Lower Upper
142 100
127 51.4 35.8 53.6
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 108.562 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

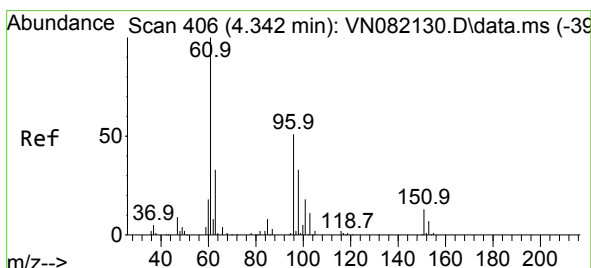
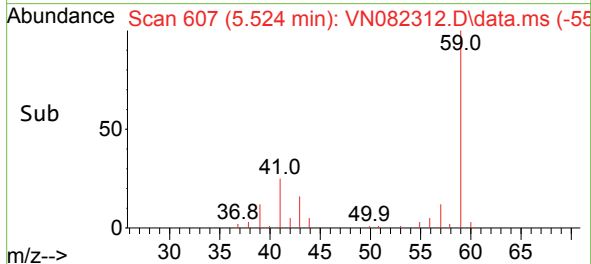
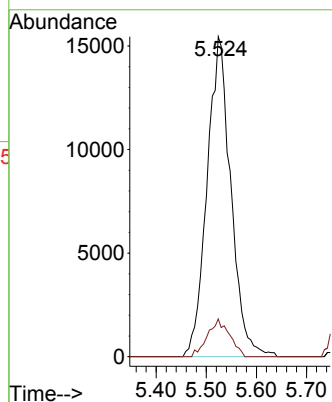
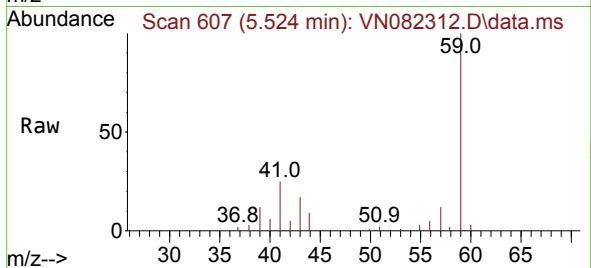
ClientSampleId :

Tgt Ion: 59 Resp: 50978

Ion Ratio Lower Upper

59 100

57 10.8 8.9 13.3



#12

1,1-Dichloroethene

Concen: 20.159 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

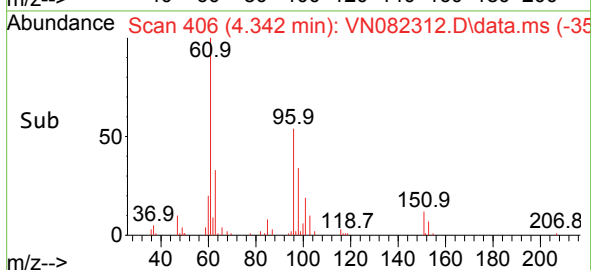
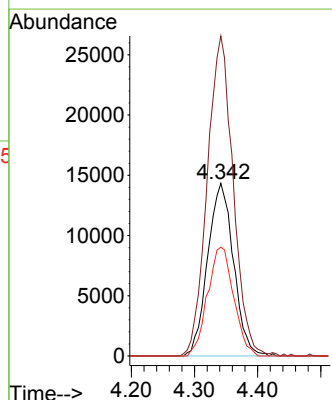
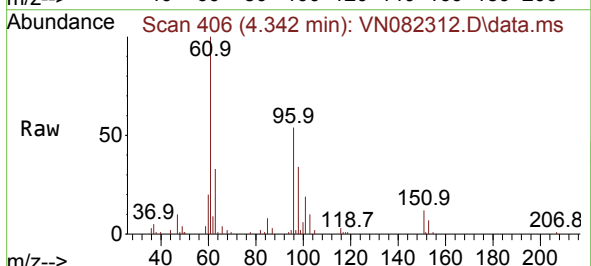
Tgt Ion: 96 Resp: 40787

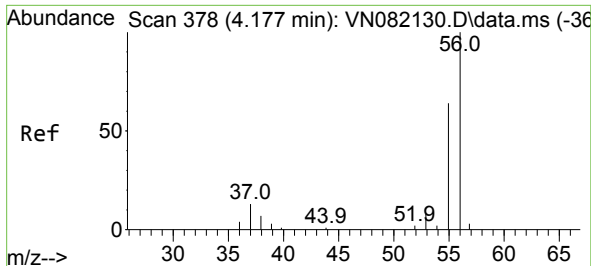
Ion Ratio Lower Upper

96 100

61 185.4 119.7 179.5#

98 63.0 49.6 74.4





#13

Acrolein

Concen: 96.013 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

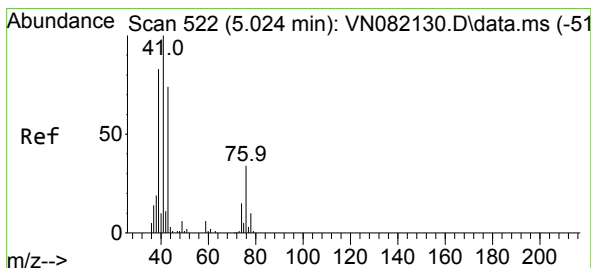
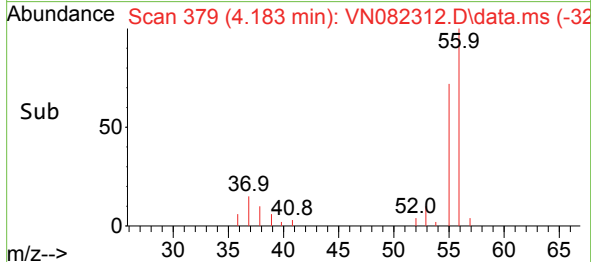
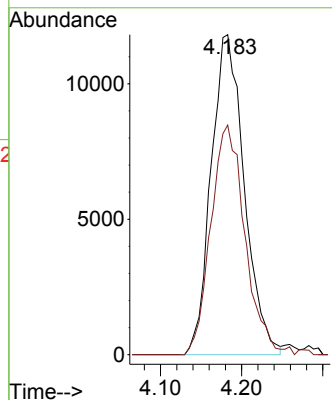
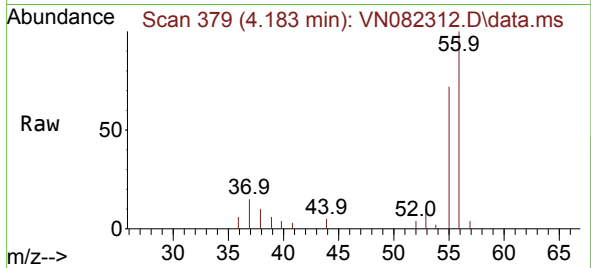
ClientSampleId :

Tgt Ion: 56 Resp: 33410

Ion Ratio Lower Upper

56 100

55 74.0 55.8 83.8



#14

Allyl chloride

Concen: 18.584 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

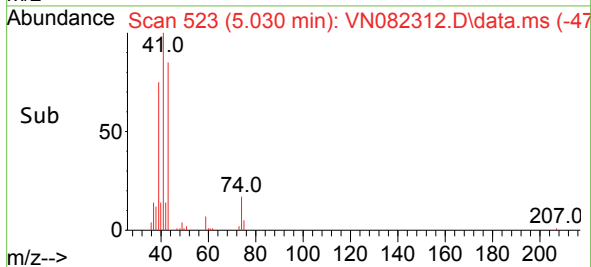
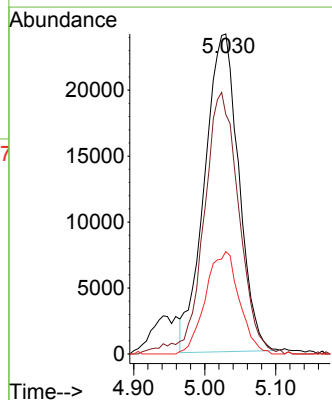
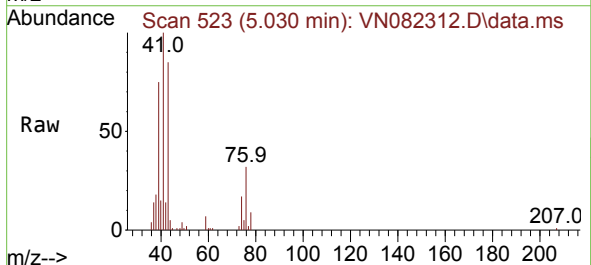
Tgt Ion: 41 Resp: 80503

Ion Ratio Lower Upper

41 100

39 84.6 65.4 98.0

76 31.8 37.3 55.9#

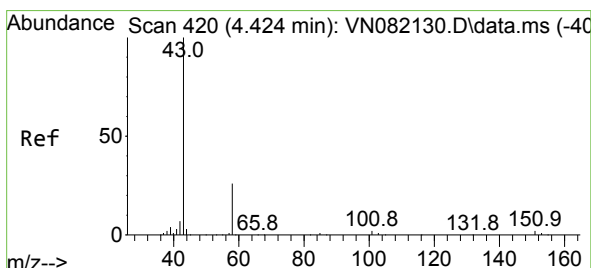
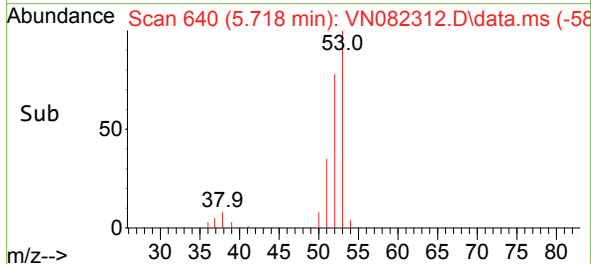
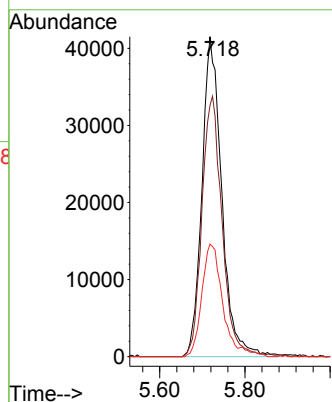
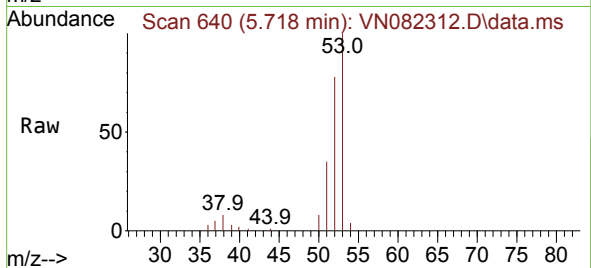




#15
Acrylonitrile
Concen: 110.195 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

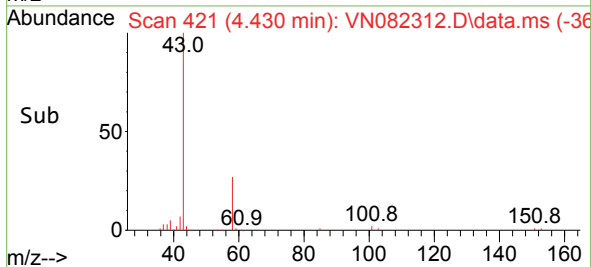
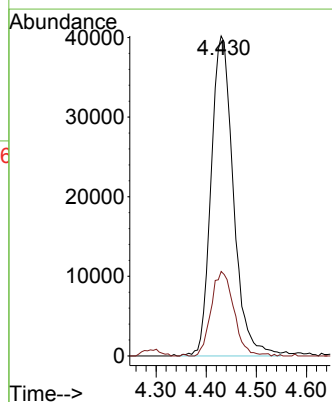
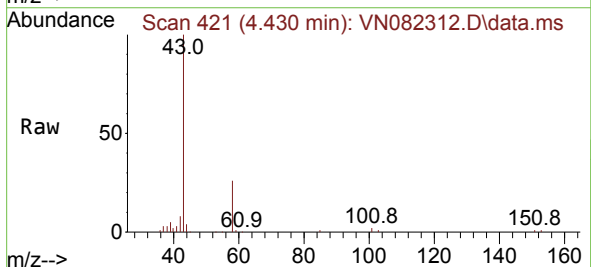
Instrument :
MSVOA_N
ClientSampleId :

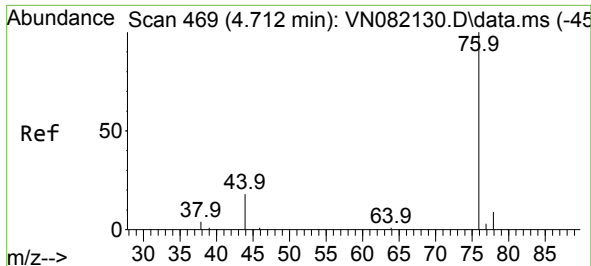
Tgt Ion: 53 Resp: 134013
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 37.3 29.4 44.2



#16
Acetone
Concen: 103.402 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

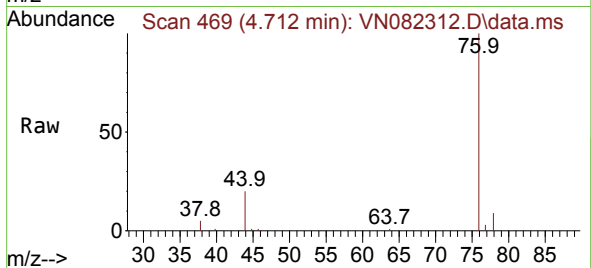
Tgt Ion: 43 Resp: 124083
Ion Ratio Lower Upper
43 100
58 26.4 25.2 37.8



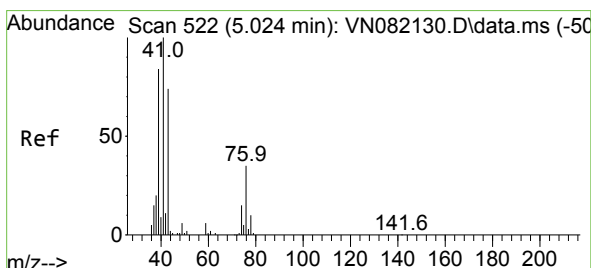
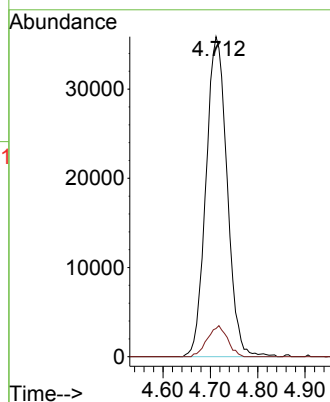
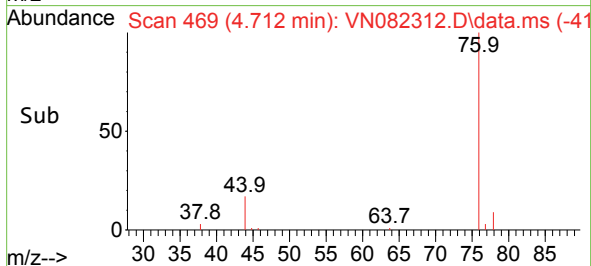


#17
Carbon Disulfide
Concen: 17.019 ug/l
RT: 4.712 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

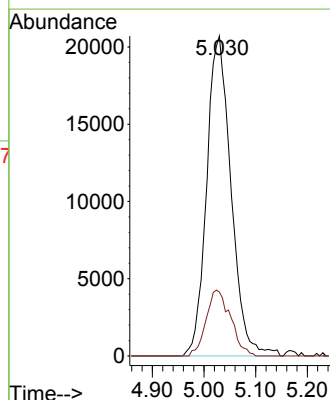
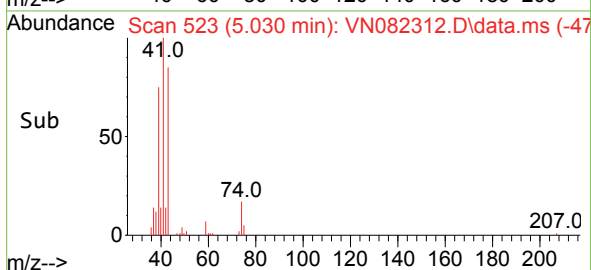
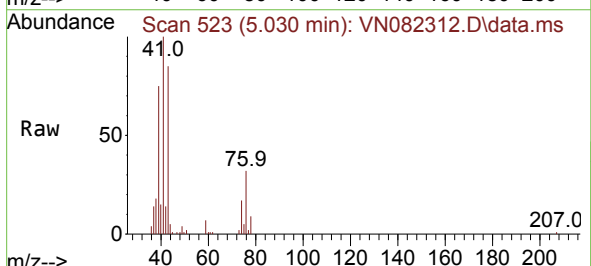


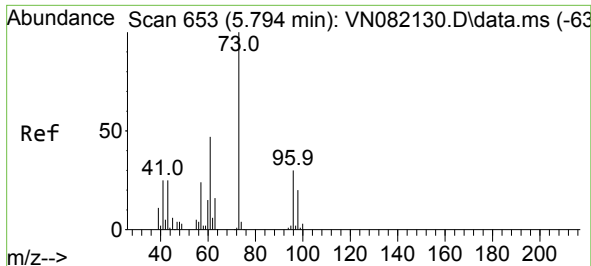
Tgt Ion: 76 Resp: 111217
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 22.724 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 43 Resp: 67910
Ion Ratio Lower Upper
43 100
74 20.7 22.2 33.2#

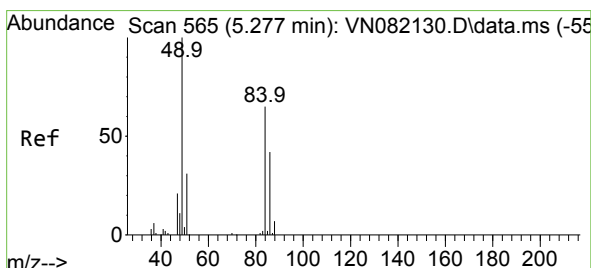
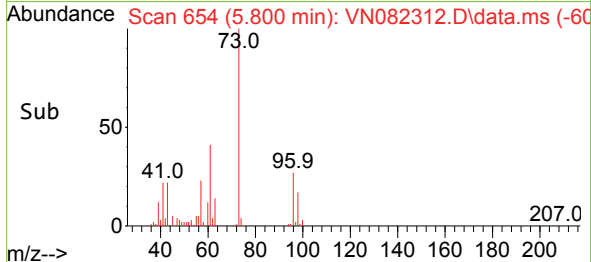
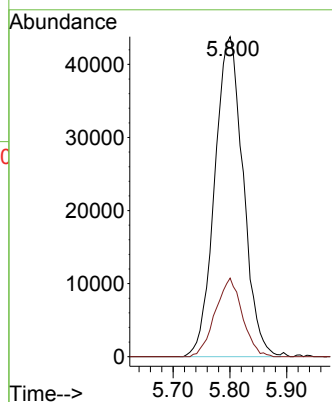
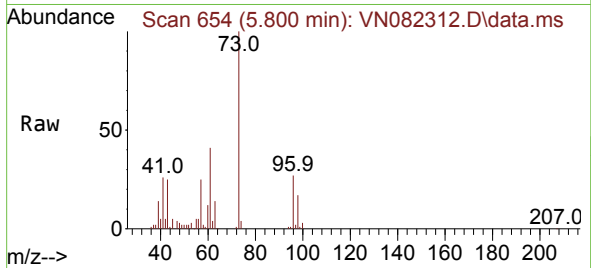




#19
Methyl tert-butyl Ether
Concen: 20.601 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

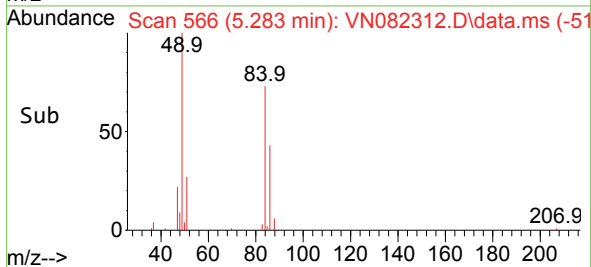
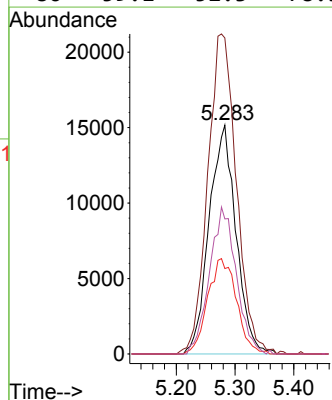
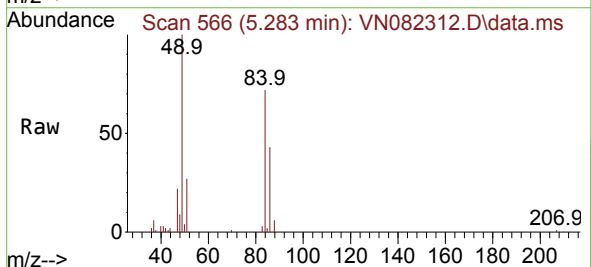
Instrument :
MSVOA_N
ClientSampleId :

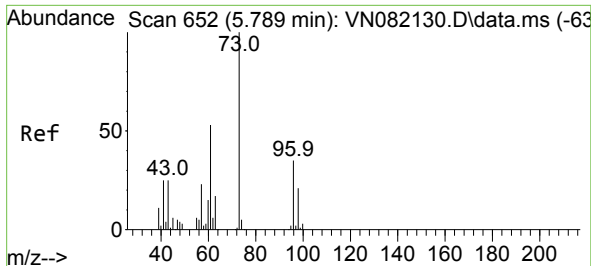
Tgt Ion: 73 Resp: 152354
Ion Ratio Lower Upper
73 100
57 24.6 16.5 24.7



#20
Methylene Chloride
Concen: 19.962 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 84 Resp: 48330
Ion Ratio Lower Upper
84 100
49 137.0 84.9 127.3#
51 37.3 27.0 40.6
86 59.1 52.3 78.5

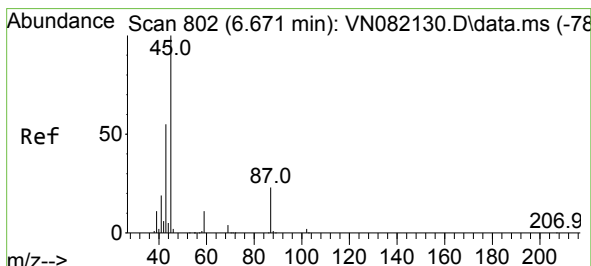
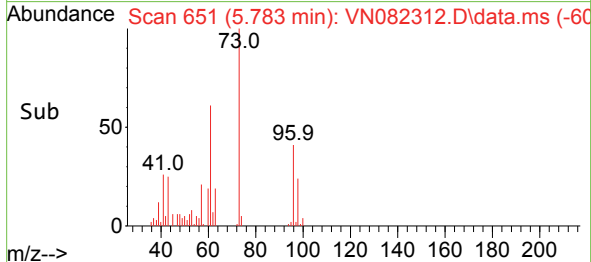
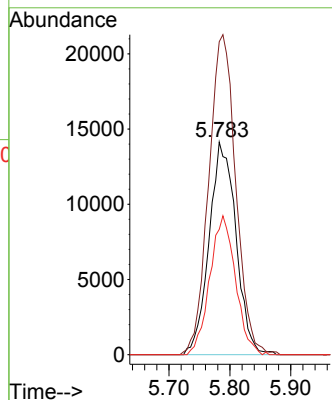
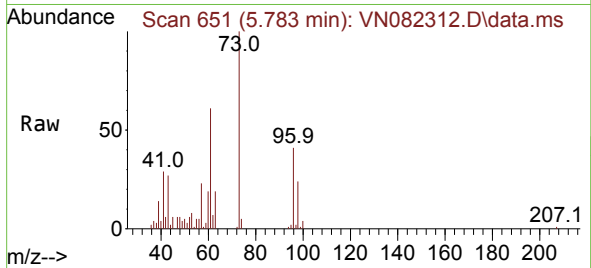




#21
trans-1,2-Dichloroethene
Concen: 19.667 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

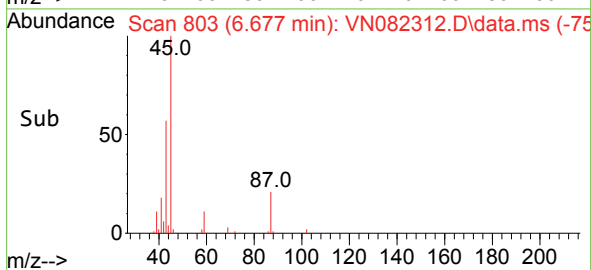
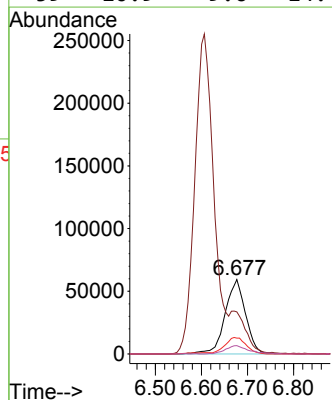
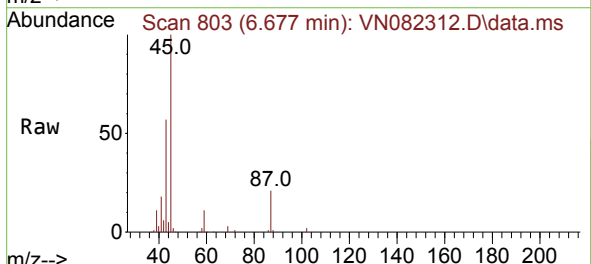
Instrument :
MSVOA_N
ClientSampleId :

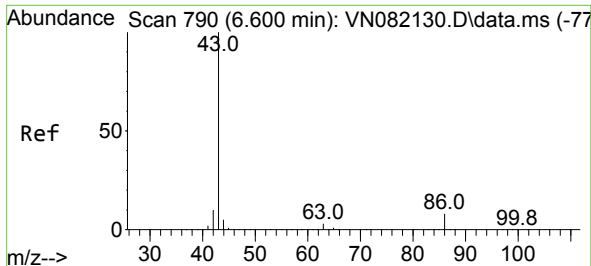
Tgt Ion: 96 Resp: 43362
Ion Ratio Lower Upper
96 100
61 147.2 96.5 144.7#
98 58.9 51.3 76.9



#22
Diisopropyl ether
Concen: 20.197 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 45 Resp: 182687
Ion Ratio Lower Upper
45 100
43 55.6 44.1 66.1
87 21.4 27.0 40.6#
59 10.9 9.6 14.4

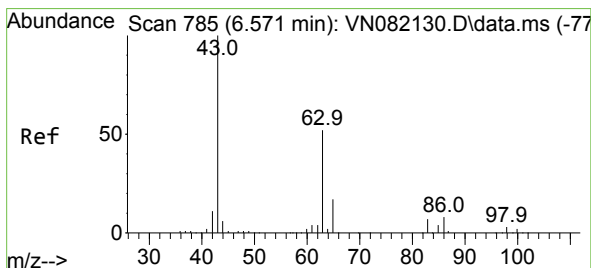
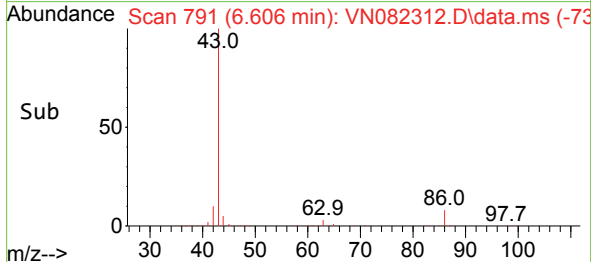
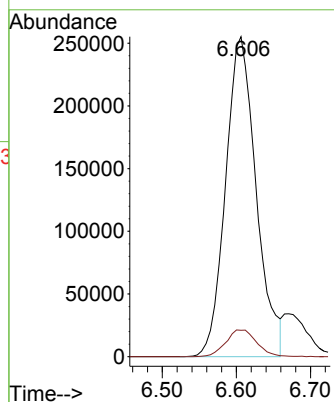
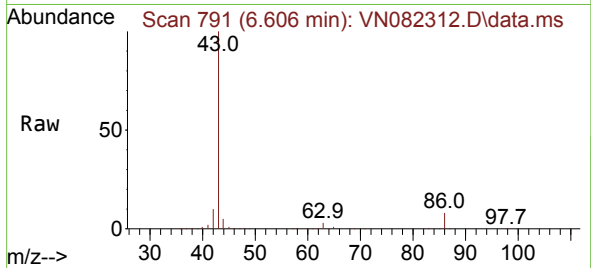




#23
 Vinyl Acetate
 Concen: 102.689 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

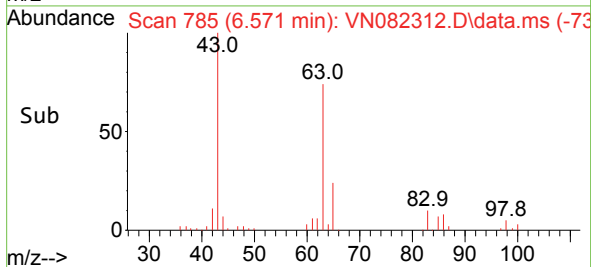
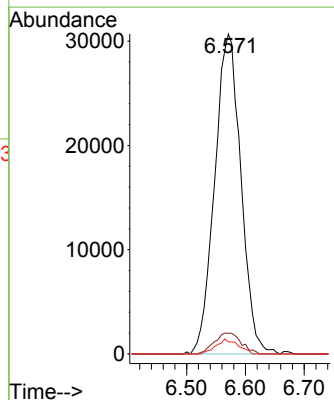
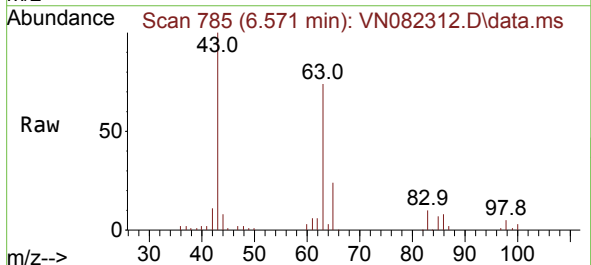
Instrument :
 MSVOA_N
 ClientSampleId :

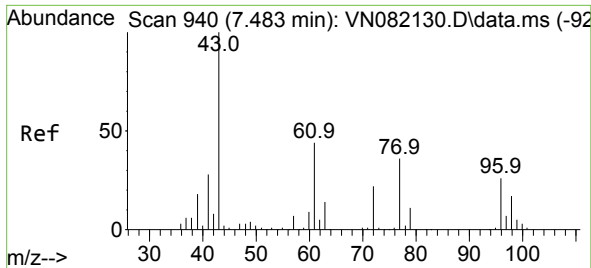
Tgt Ion: 43 Resp: 732338
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 20.390 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

Tgt Ion: 63 Resp: 95065
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.8 2.6 7.8

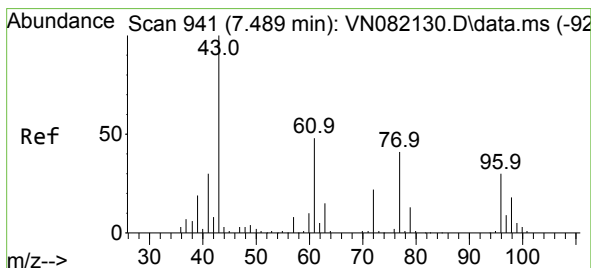
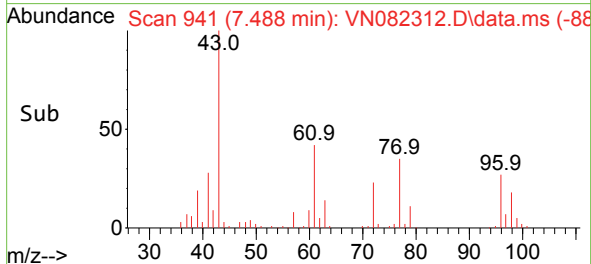
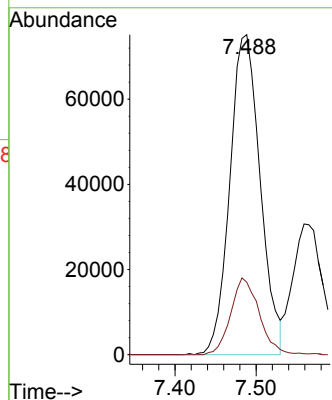
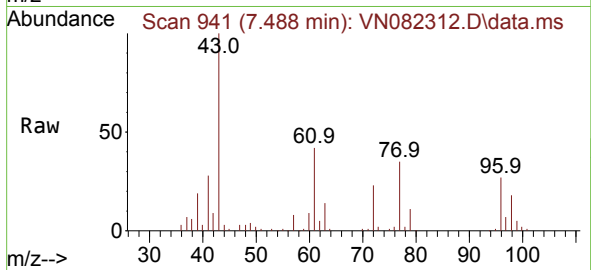




#25
2-Butanone
Concen: 107.502 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

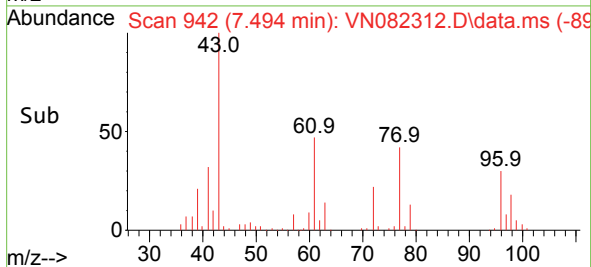
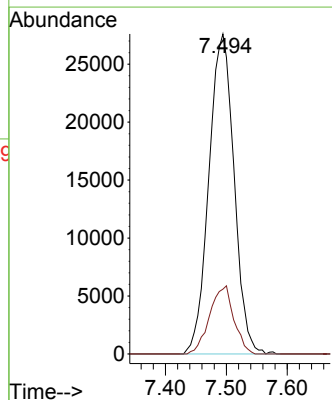
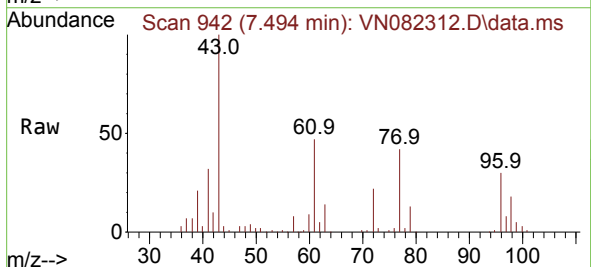
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 195589
Ion Ratio Lower Upper
43 100
72 22.7 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 20.285 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

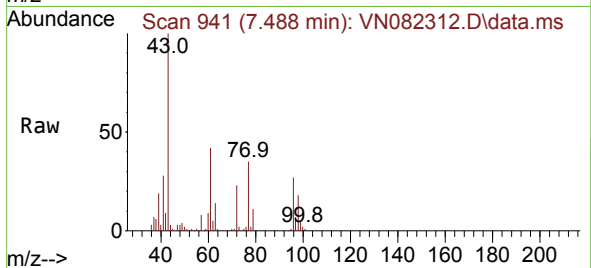
Tgt Ion: 77 Resp: 79215
Ion Ratio Lower Upper
77 100
97 20.4 11.3 33.9



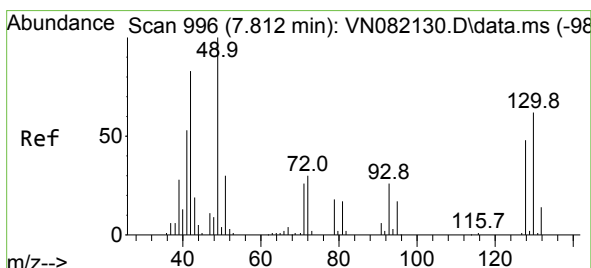
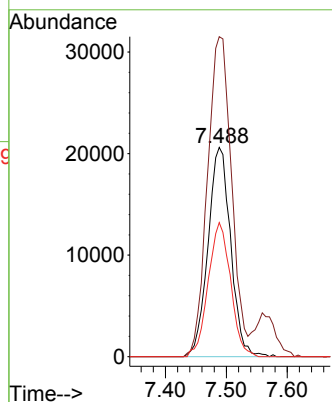
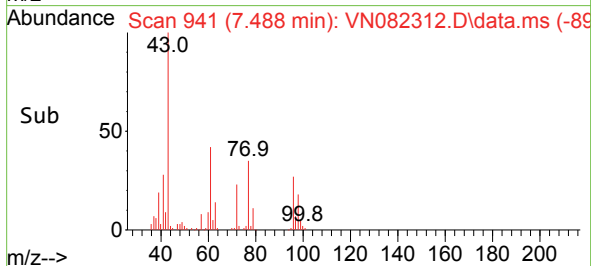


#27
 cis-1,2-Dichloroethene
 Concen: 20.481 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

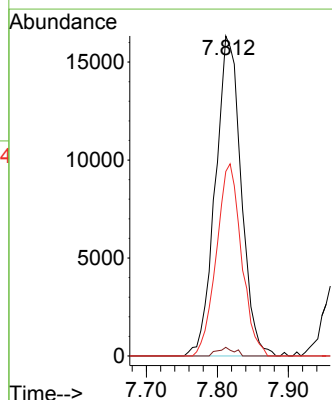
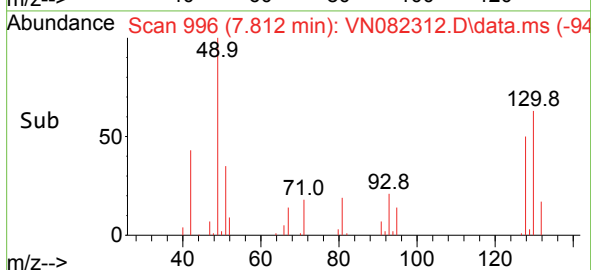
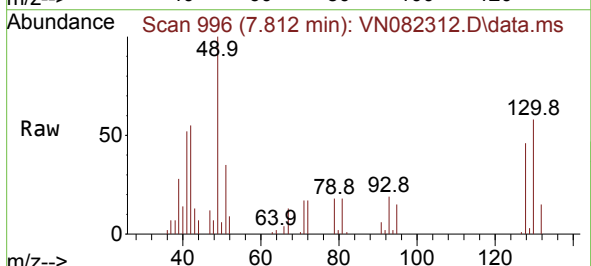


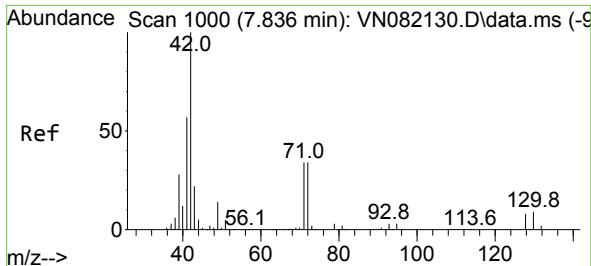
Tgt Ion: 96 Resp: 53293
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 268.0
 98 63.4 0.0 126.8



#28
 Bromochloromethane
 Concen: 19.683 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

Tgt Ion: 49 Resp: 41115
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 58.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 112.269 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

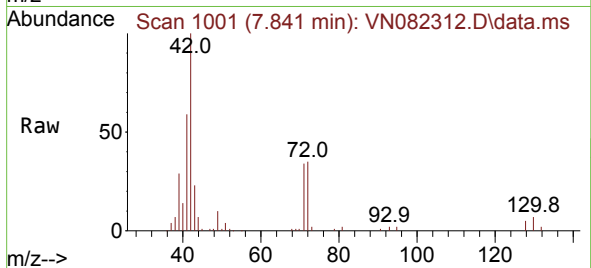
Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :



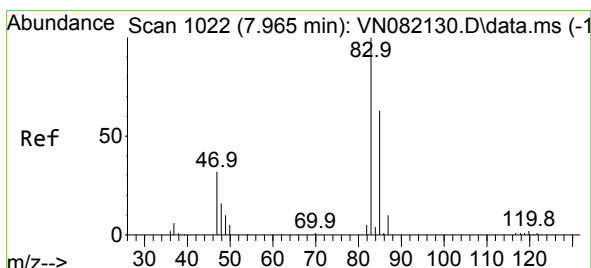
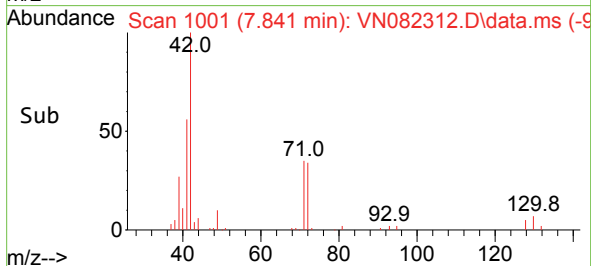
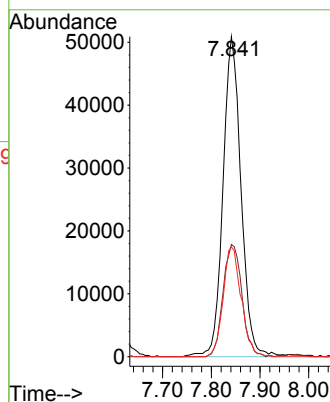
Tgt Ion: 42 Resp: 131148

Ion Ratio Lower Upper

42 100

72 36.6 39.3 58.9#

71 34.4 37.4 56.0#



#30

Chloroform

Concen: 20.606 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082312.D

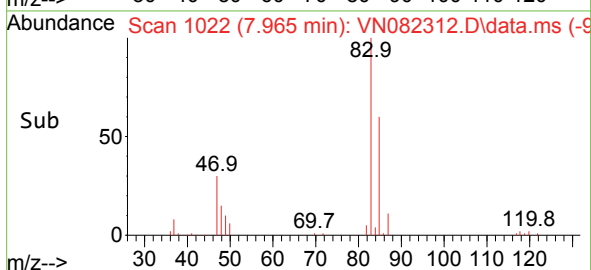
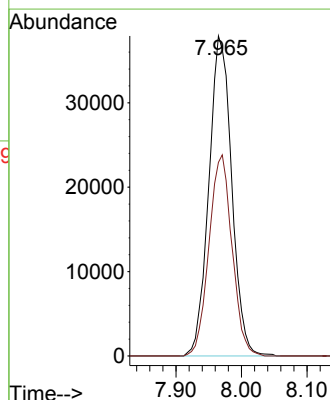
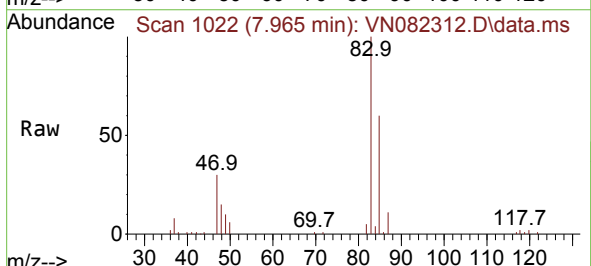
Acq: 23 May 2024 11:18

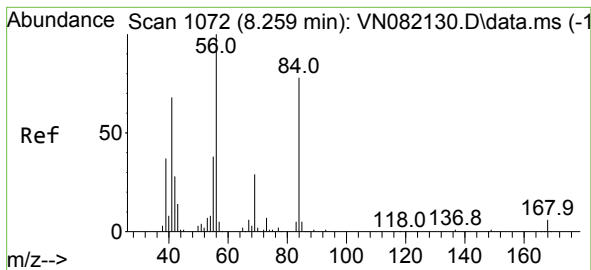
Tgt Ion: 83 Resp: 91742

Ion Ratio Lower Upper

83 100

85 60.5 50.7 76.1





#31

Cyclohexane

Concen: 18.214 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082312.D

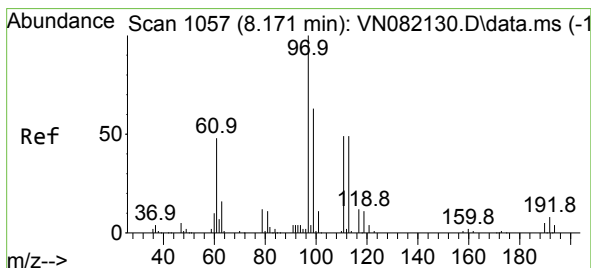
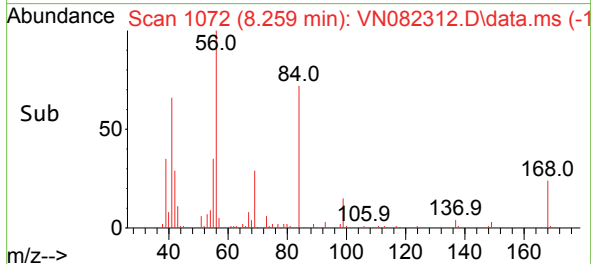
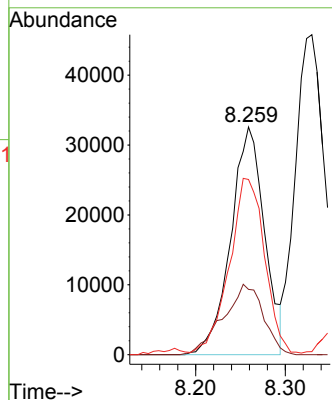
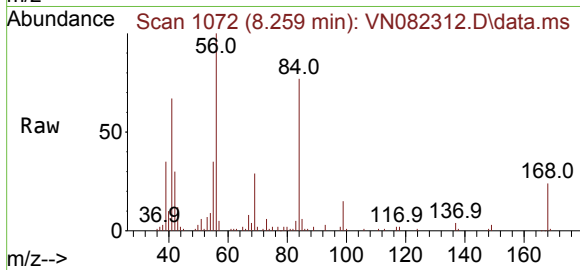
Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	56	Resp:	85100
Ion Ratio	Lower	Upper	
56	100		
69	28.7	24.4	36.6
84	75.2	77.0	115.4



#32

1,1,1-Trichloroethane

Concen: 20.260 ug/l

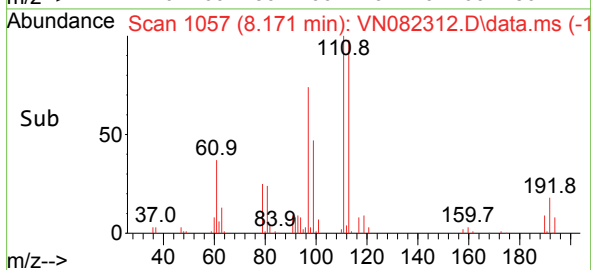
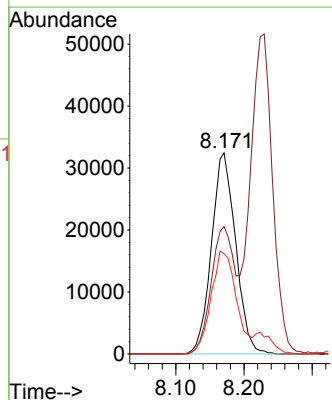
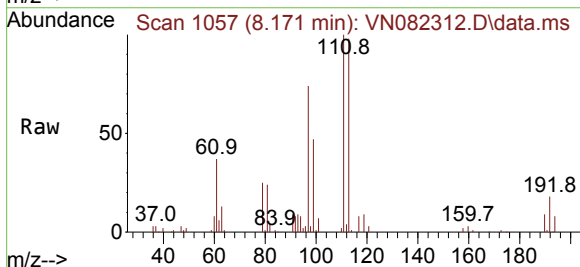
RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Tgt Ion:	97	Resp:	80022
Ion Ratio	Lower	Upper	
97	100		
99	58.9	50.3	75.5
61	54.0	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 50.778 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

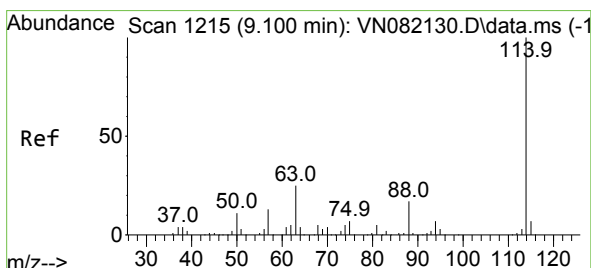
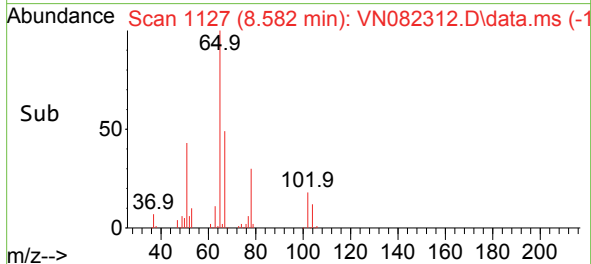
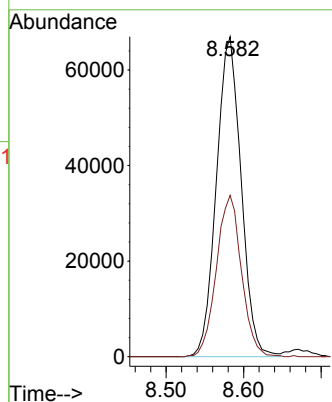
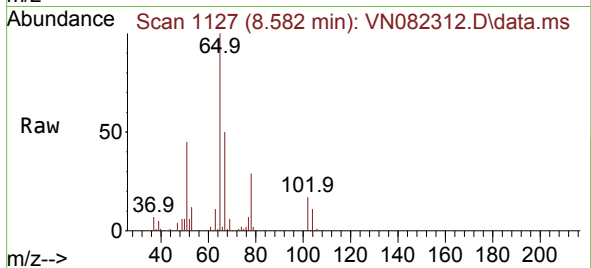
ClientSampleId :

Tgt Ion: 65 Resp: 148540

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

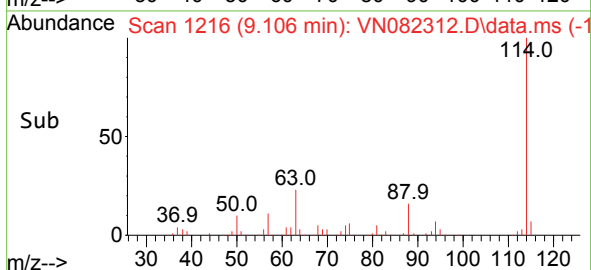
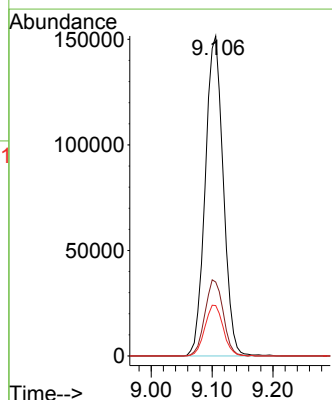
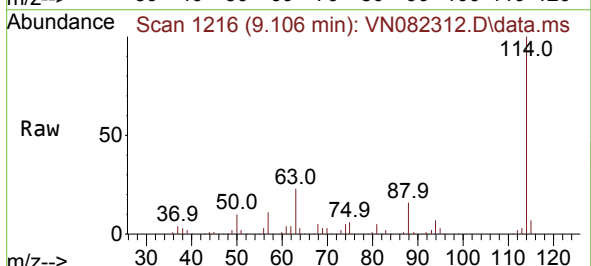
Tgt Ion: 114 Resp: 311657

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

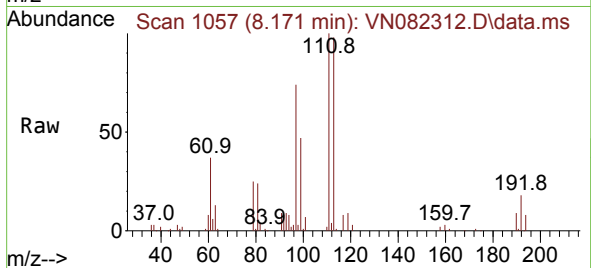
88 15.8 0.0 31.4



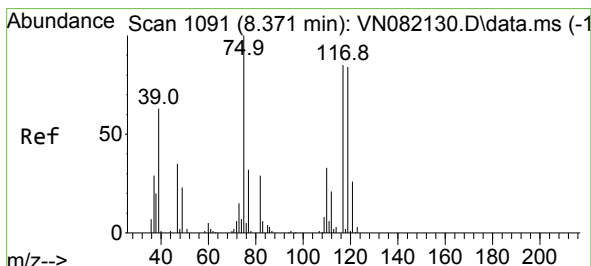
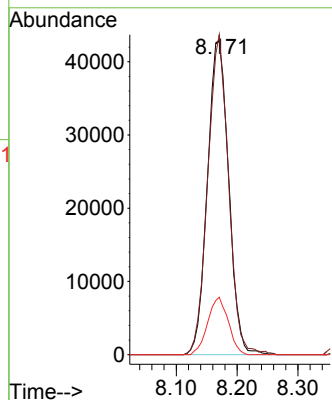
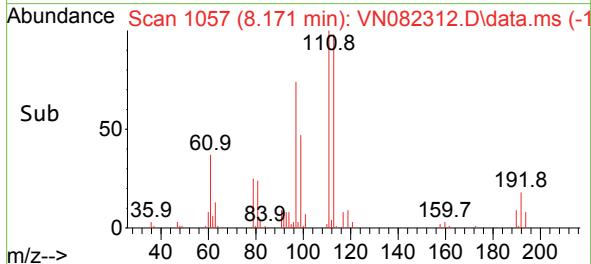


#35
 Dibromofluoromethane
 Concen: 54.412 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :

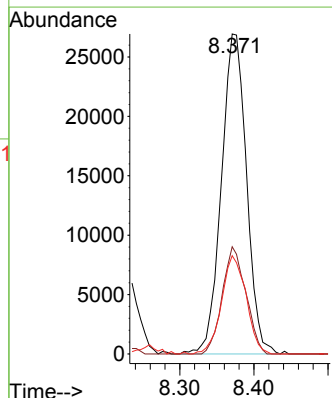
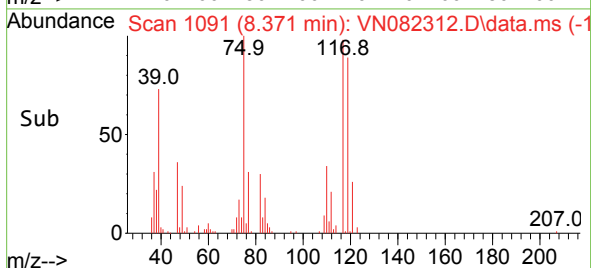
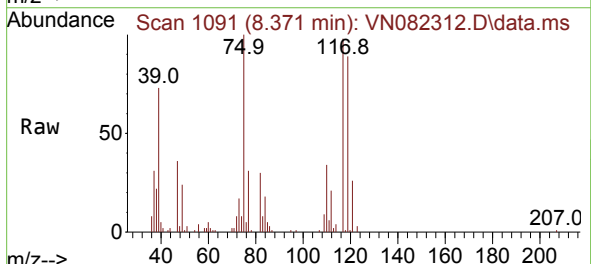


Tgt Ion:113 Resp: 104318
 Ion Ratio Lower Upper
 113 100
 111 99.2 83.4 125.2
 192 17.7 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 19.765 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

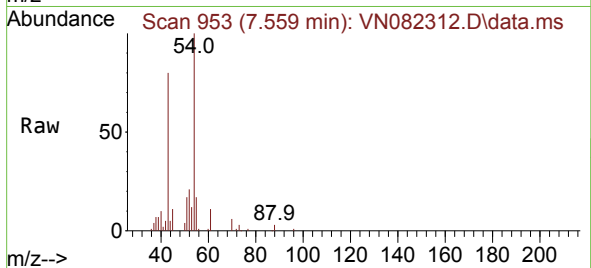
Tgt Ion: 75 Resp: 63553
 Ion Ratio Lower Upper
 75 100
 110 31.3 17.8 53.5
 77 29.9 25.0 37.4



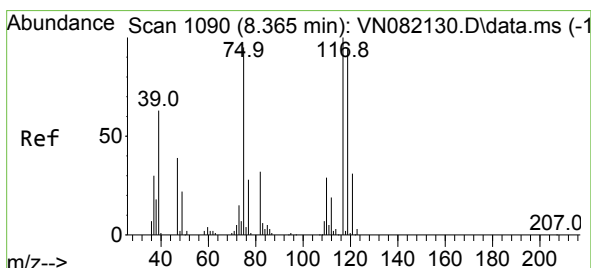
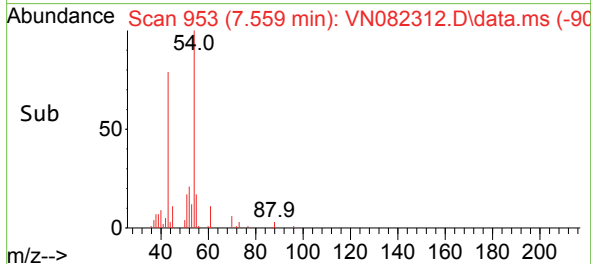
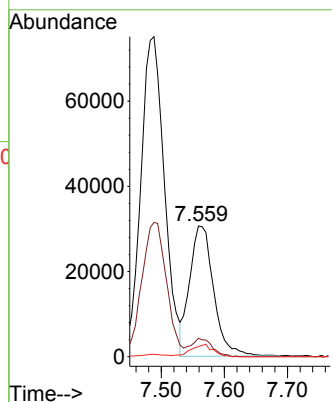


#37
Ethyl Acetate
Concen: 22.518 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

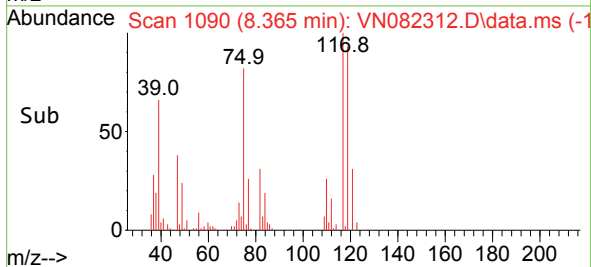
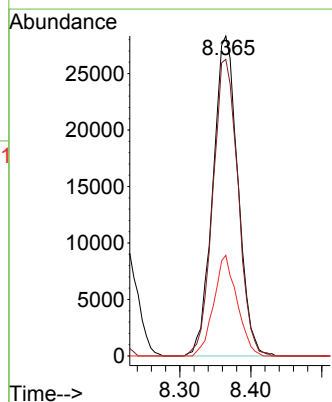
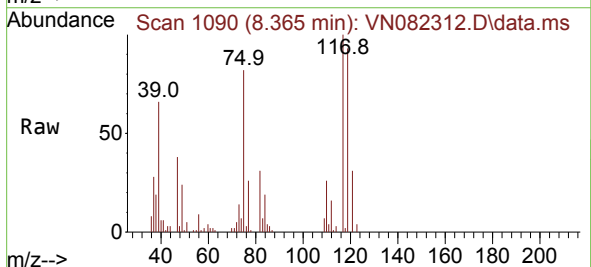


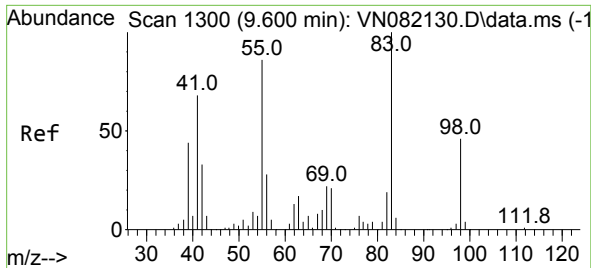
Tgt Ion: 43 Resp: 81029
Ion Ratio Lower Upper
43 100
61 11.6 11.3 16.9
70 8.5 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 21.179 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 117 Resp: 69033
Ion Ratio Lower Upper
117 100
119 92.7 76.5 114.7
121 31.5 23.9 35.9

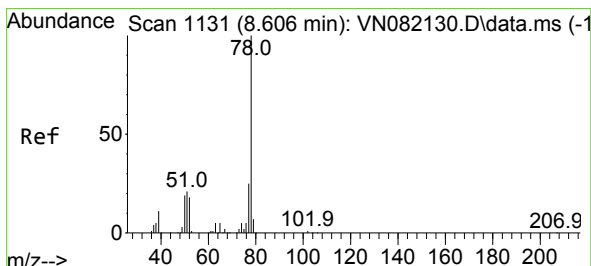
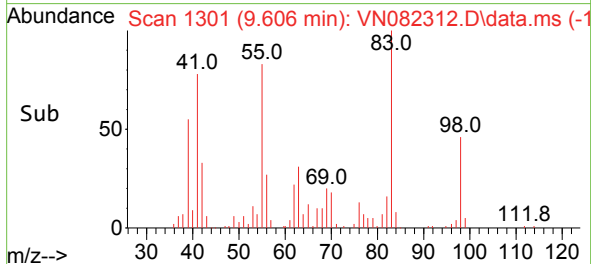
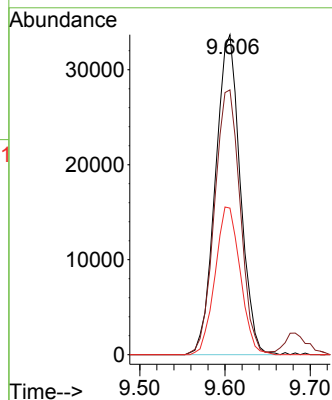
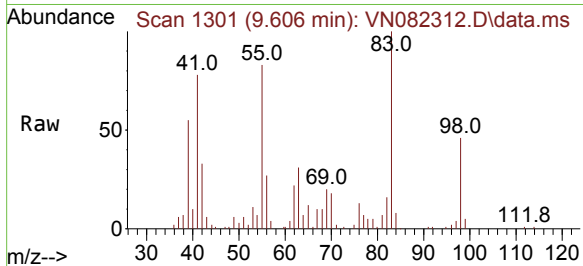




#39
Methylcyclohexane
Concen: 19.404 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

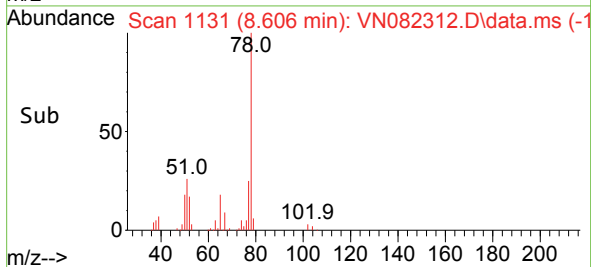
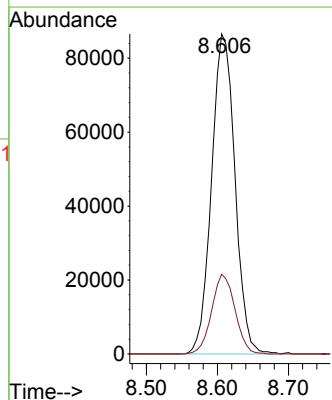
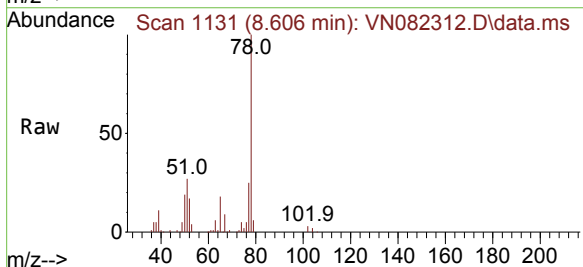
Instrument :
MSVOA_N
ClientSampleId :

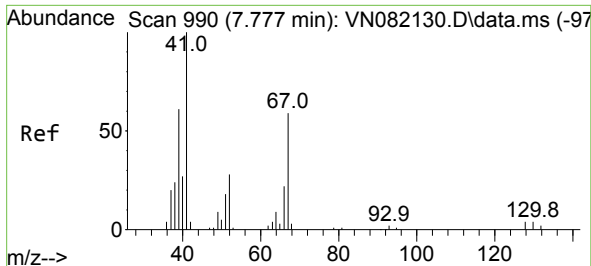
Tgt Ion: 83 Resp: 68391
Ion Ratio Lower Upper
83 100
55 82.7 53.0 79.6#
98 45.8 37.1 55.7



#40
Benzene
Concen: 20.658 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

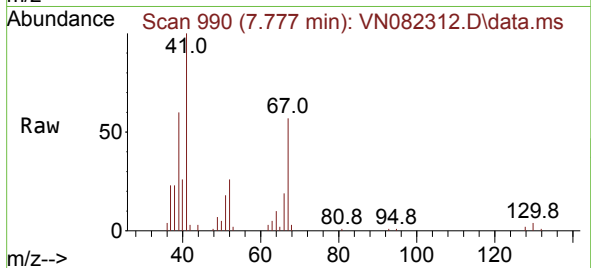
Tgt Ion: 78 Resp: 198072
Ion Ratio Lower Upper
78 100
77 24.9 20.0 30.0



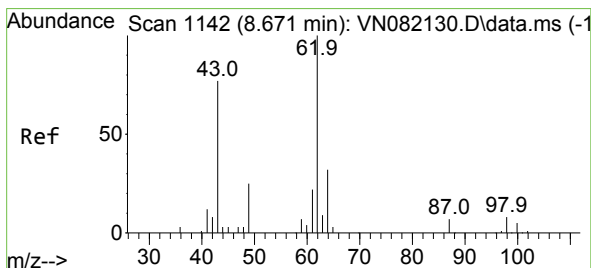
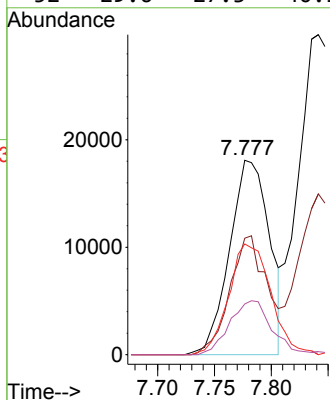
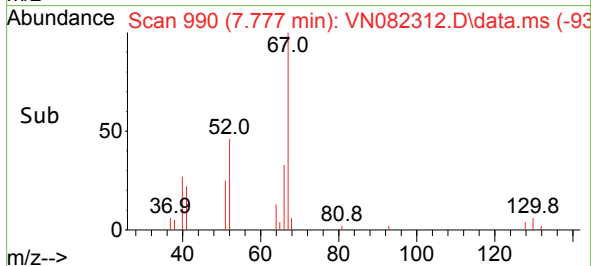


#41
Methacrylonitrile
Concen: 20.813 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

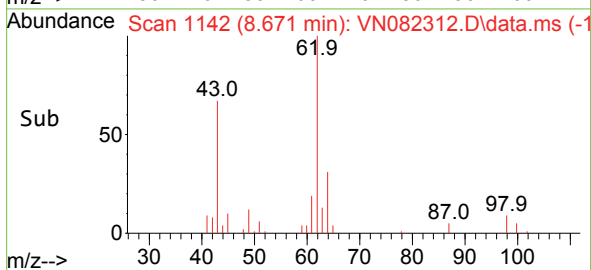
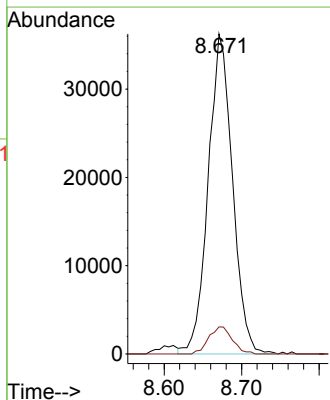
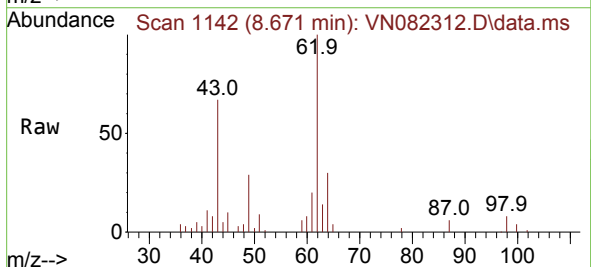


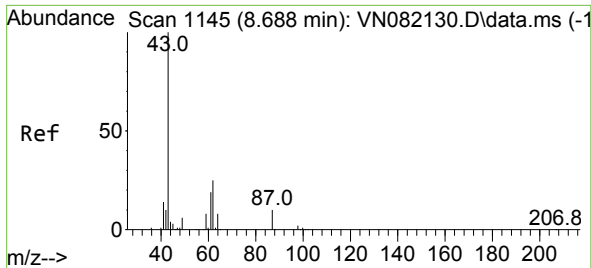
Tgt Ion:	41	Resp:	44046
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.6	69.8
67	60.3	67.3	100.9
52	29.6	27.3	40.9



#42
1,2-Dichloroethane
Concen: 21.402 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

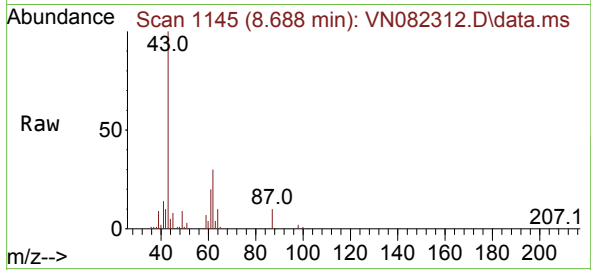
Tgt Ion:	62	Resp:	78925
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.6



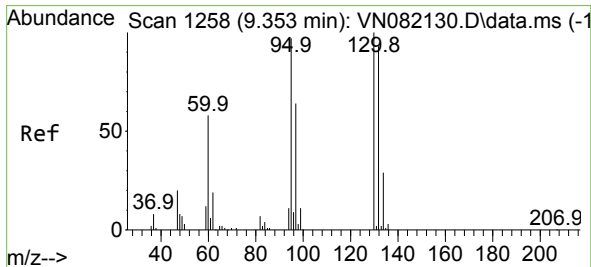
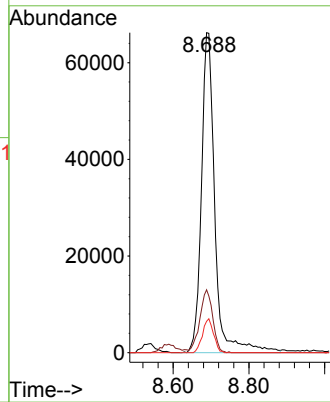
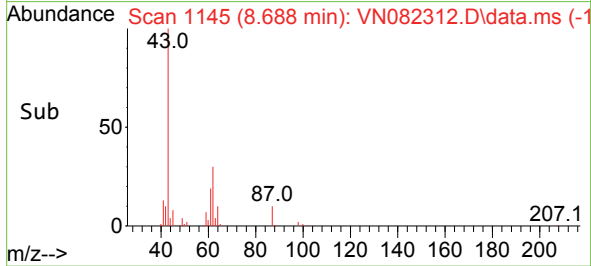


#43
Isopropyl Acetate
Concen: 25.522 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

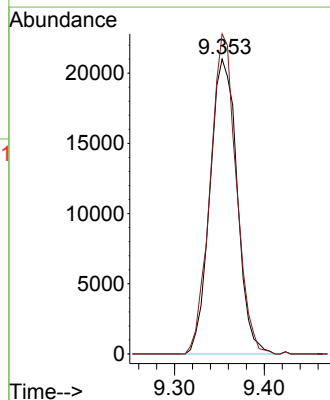
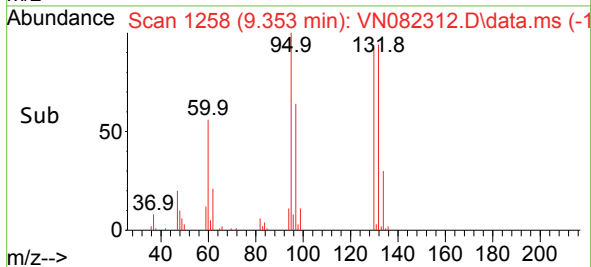
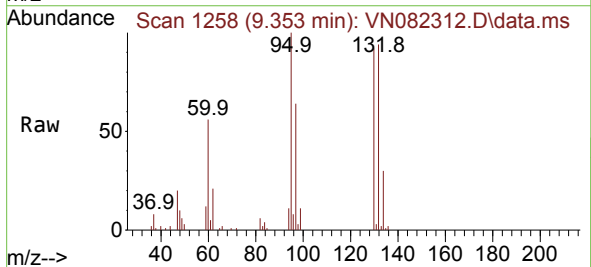


Tgt Ion: 43 Resp: 162735
Ion Ratio Lower Upper
43 100
61 19.0 22.8 34.2#
87 8.7 12.0 18.0#



#44
Trichloroethene
Concen: 20.245 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:130 Resp: 44095
Ion Ratio Lower Upper
130 100
95 108.5 0.0 195.4

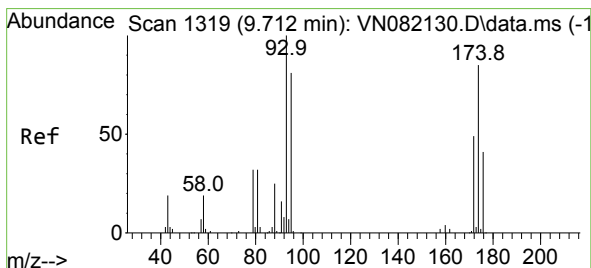
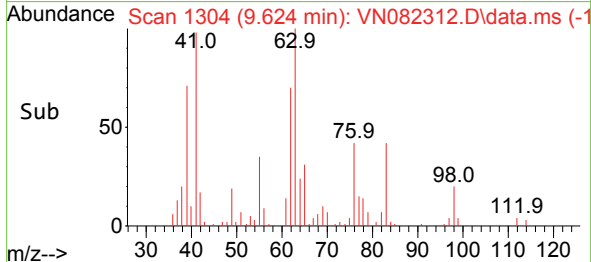
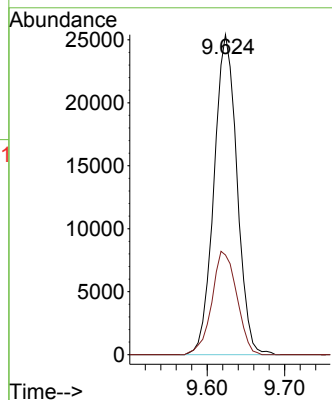
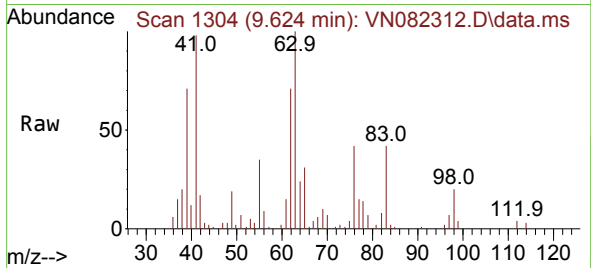




#45
1,2-Dichloropropane
Concen: 21.154 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

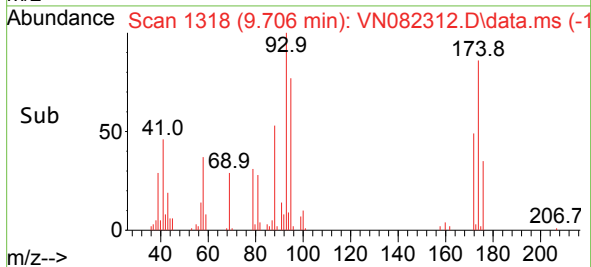
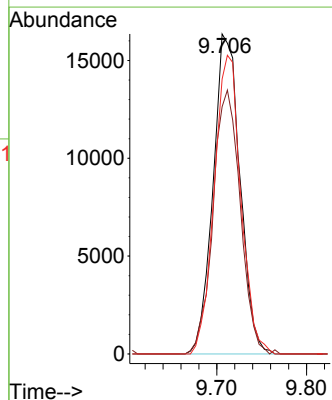
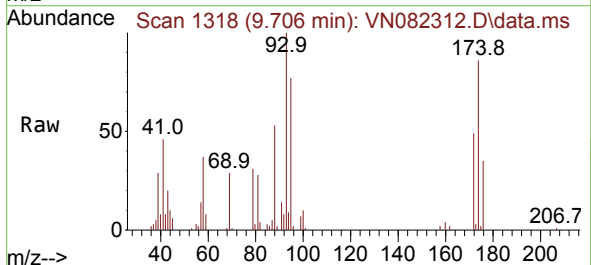
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 52334
Ion Ratio Lower Upper
63 100
65 31.1 24.1 36.1



#46
Dibromomethane
Concen: 20.938 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 93 Resp: 34008
Ion Ratio Lower Upper
93 100
95 83.6 64.8 97.2
174 92.7 73.4 110.0





#47

Bromodichloromethane

Concen: 21.396 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

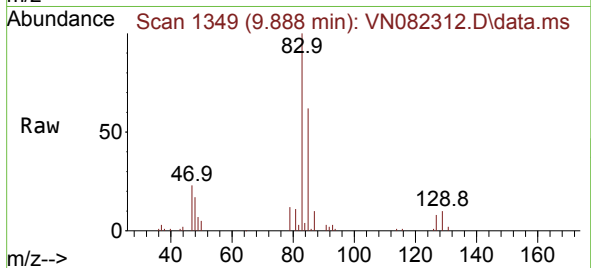
Lab File: VN082312.D

Acq: 23 May 2024 11:18

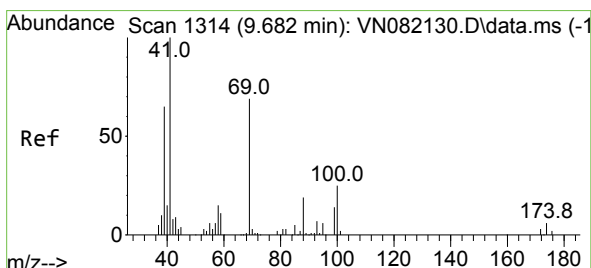
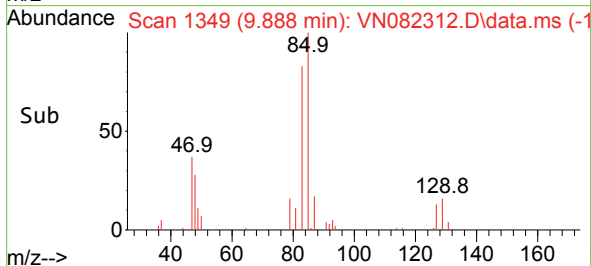
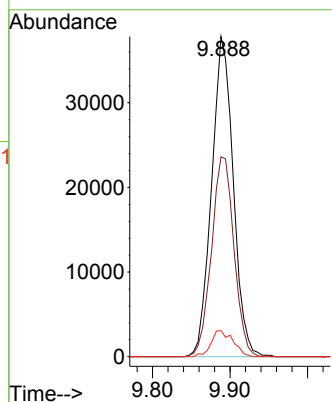
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp: 73362
Ion Ratio	Lower Upper
83	100
85	62.5 51.9 77.9
127	8.2 7.5 11.3



#48

Methyl methacrylate

Concen: 22.211 ug/l

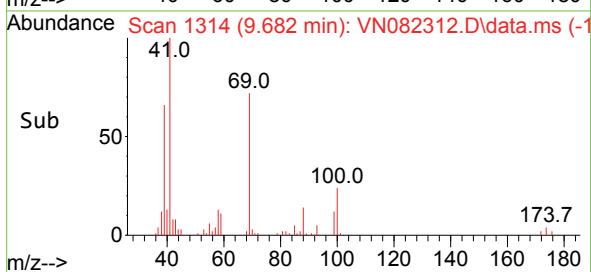
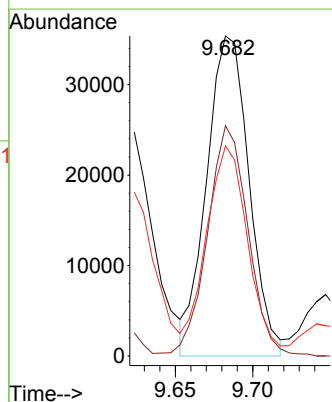
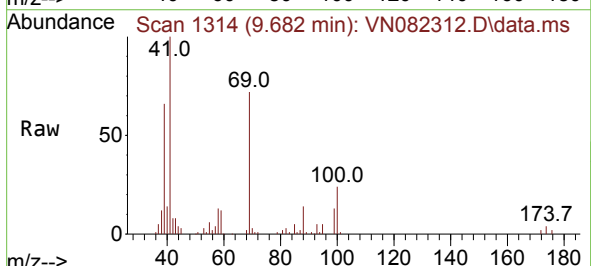
RT: 9.682 min Scan# 1314

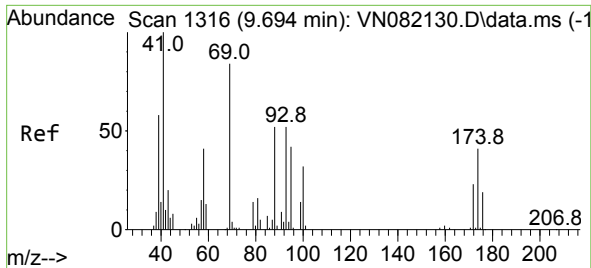
Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

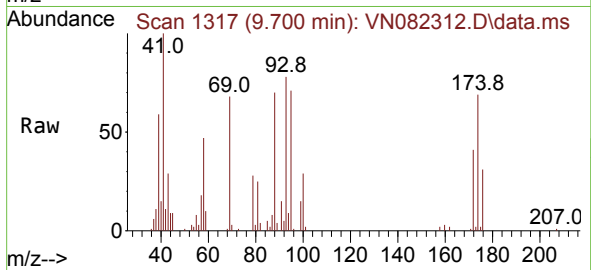
Tgt Ion: 41	Resp: 67482
Ion Ratio	Lower Upper
41	100
69	68.5 77.9 116.9#
39	64.3 50.9 76.3



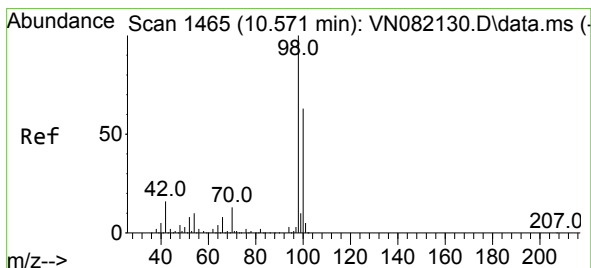
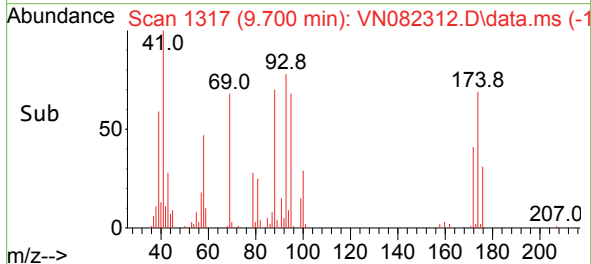
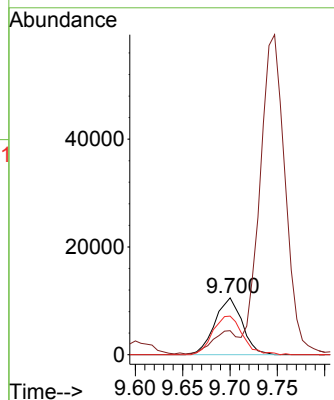


#49
1,4-Dioxane
Concen: 499.482 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

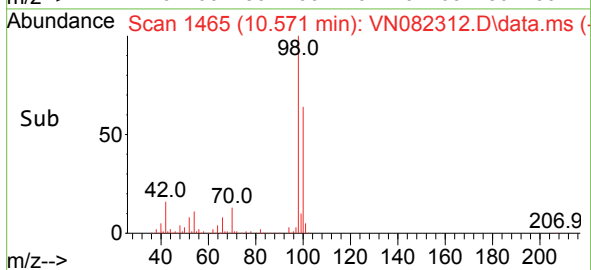
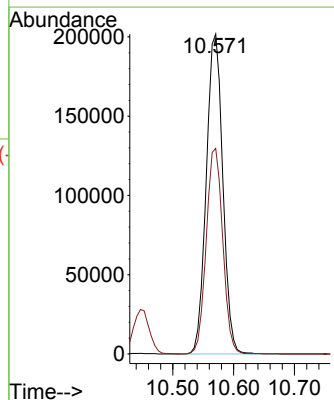
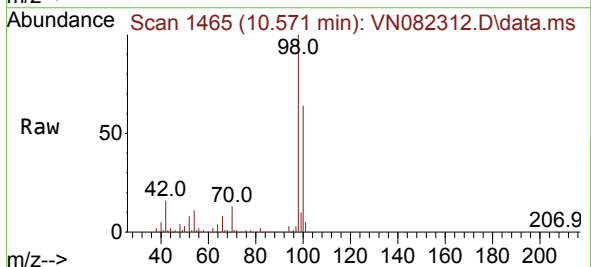


Tgt Ion: 88 Resp: 21265
Ion Ratio Lower Upper
88 100
43 40.1 19.0 28.6#
58 73.2 50.6 76.0



#50
Toluene-d8
Concen: 51.656 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

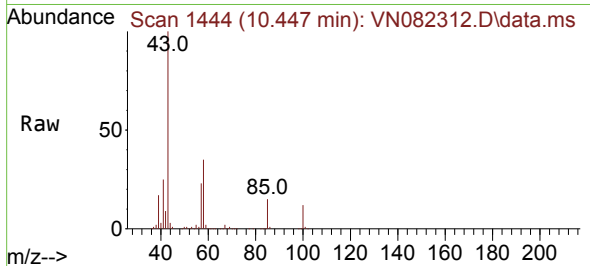
Tgt Ion: 98 Resp: 379683
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



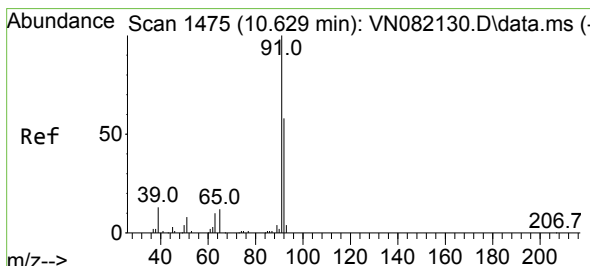
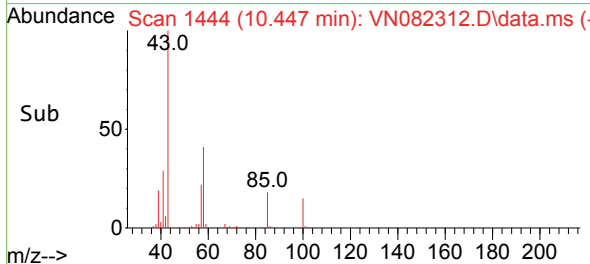
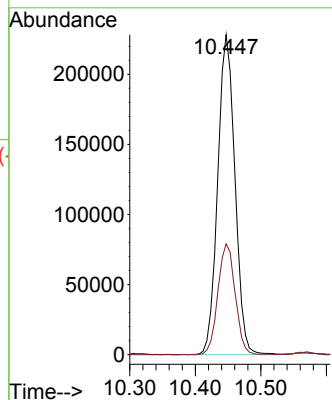


#51
4-Methyl-2-Pentanone
Concen: 114.721 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

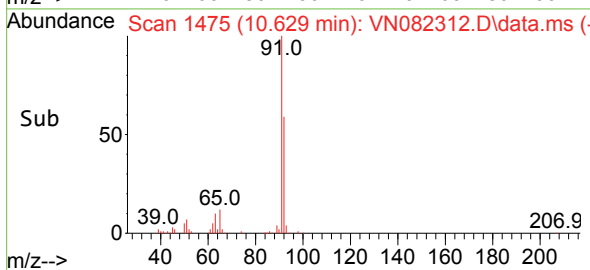
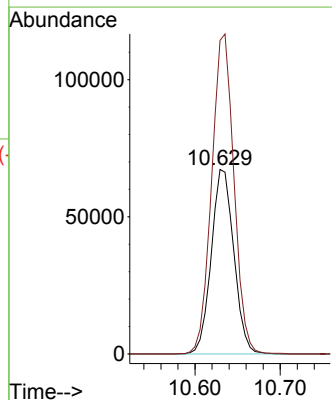
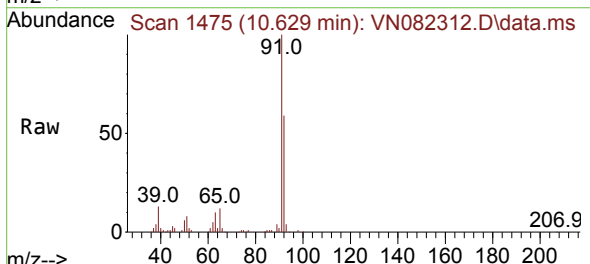


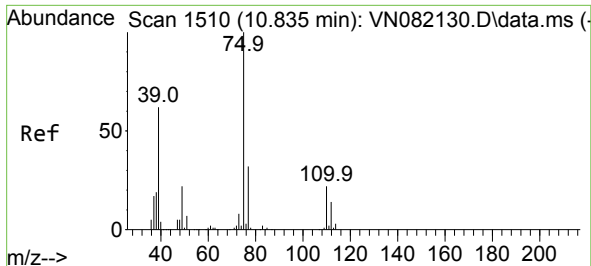
Tgt Ion: 43 Resp: 415604
Ion Ratio Lower Upper
43 100
58 34.8 33.2 49.8



#52
Toluene
Concen: 21.464 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 92 Resp: 123507
Ion Ratio Lower Upper
92 100
91 171.7 136.7 205.1

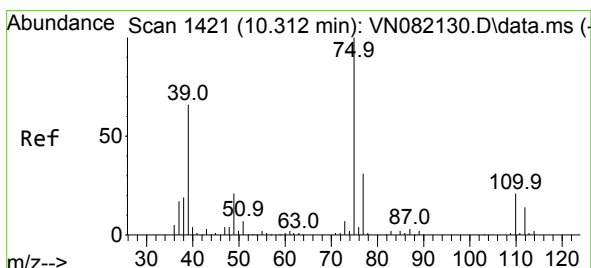
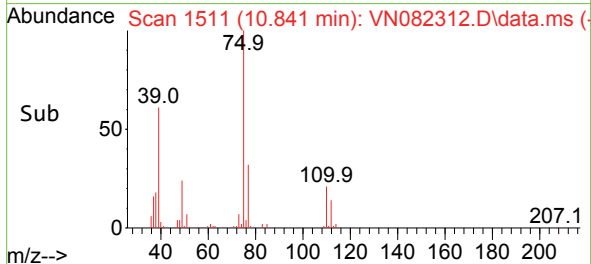
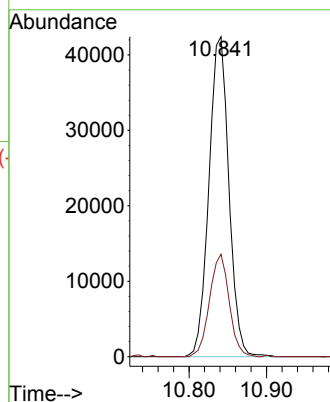
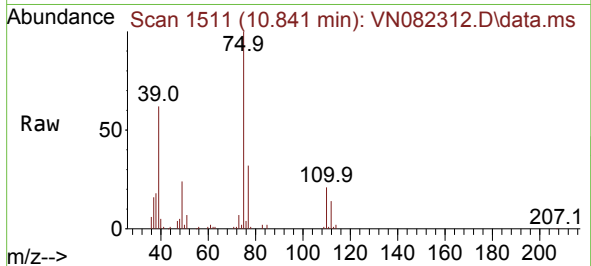




#53
 t-1,3-Dichloropropene
 Concen: 21.393 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

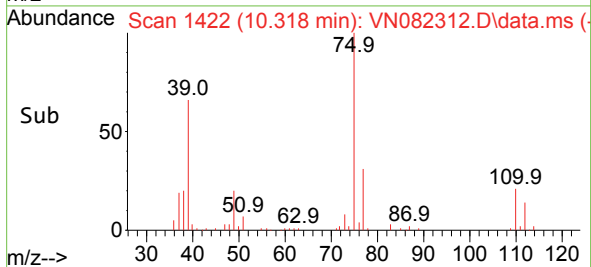
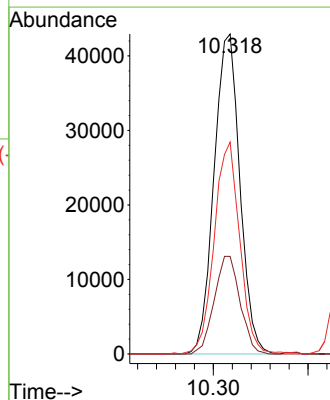
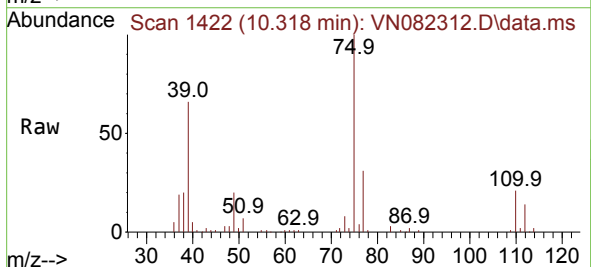
Instrument :
 MSVOA_N
 ClientSampleId :

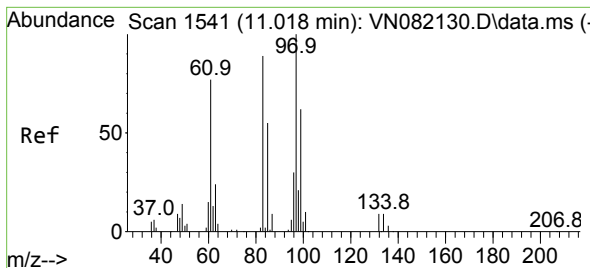
Tgt Ion: 75 Resp: 75864
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.655 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

Tgt Ion: 75 Resp: 81287
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 66.2 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 22.236 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

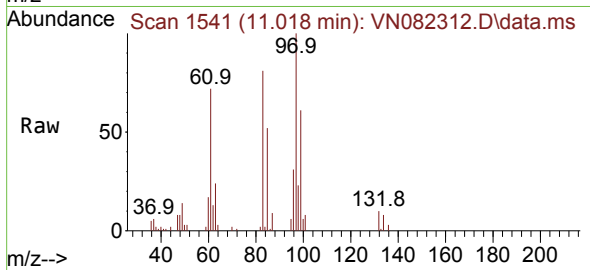
Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 46496

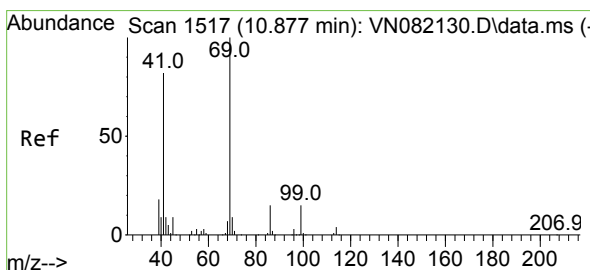
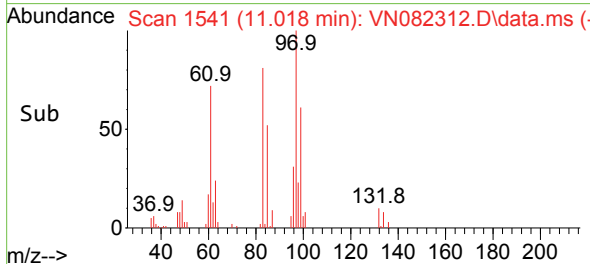
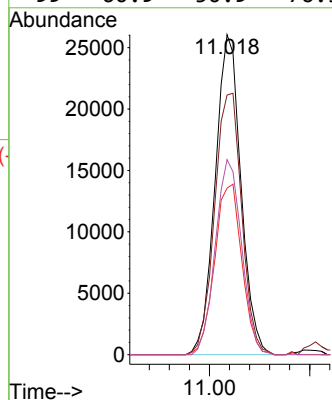
Ion Ratio Lower Upper

97 100

83 81.1 70.4 105.6

85 52.1 45.6 68.4

99 60.9 50.9 76.3



#56

Ethyl methacrylate

Concen: 21.782 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

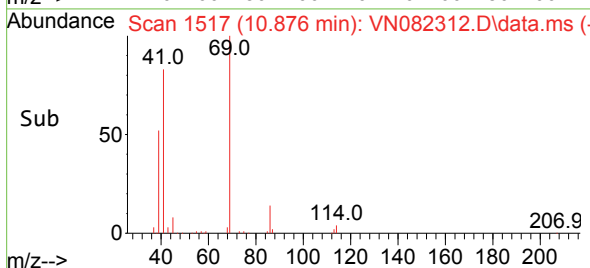
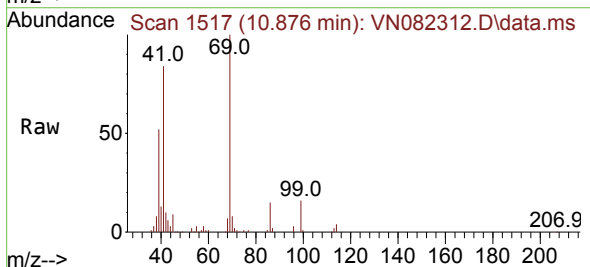
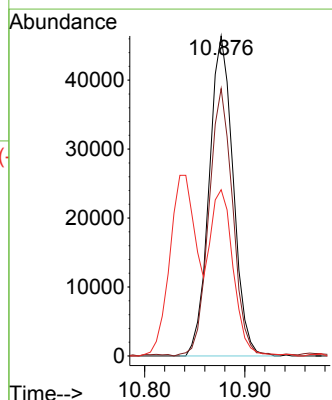
Tgt Ion: 69 Resp: 77329

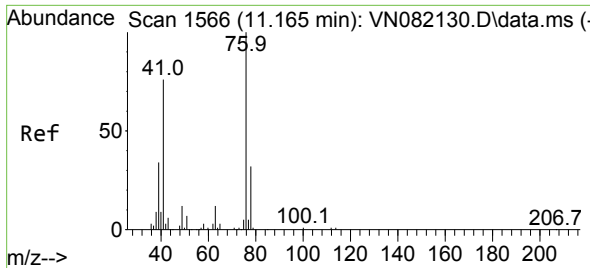
Ion Ratio Lower Upper

69 100

41 83.1 46.6 70.0#

39 50.0 26.5 39.7#

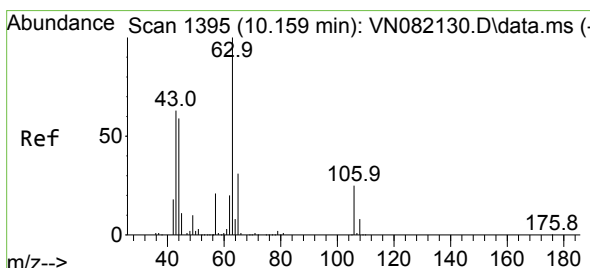
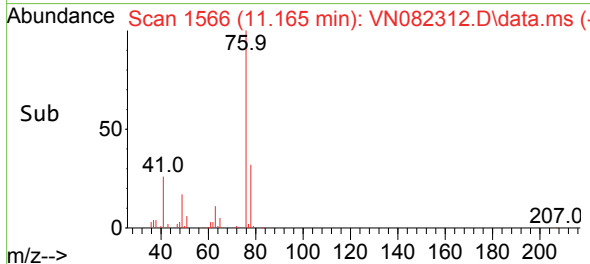
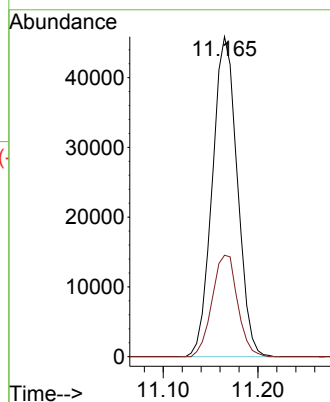
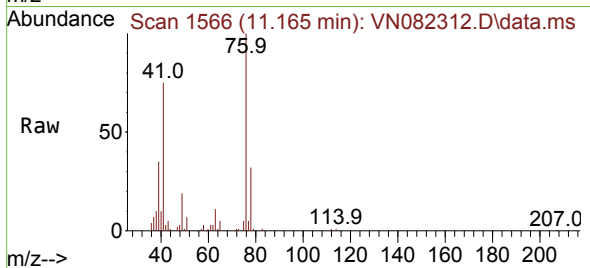




#57
1,3-Dichloropropane
Concen: 21.476 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

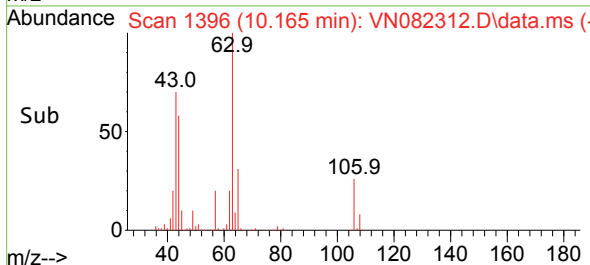
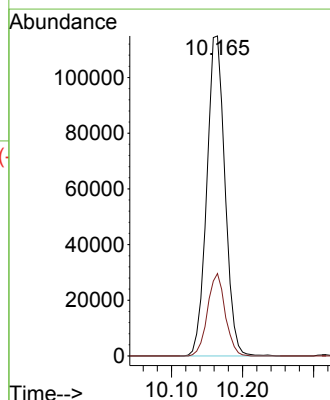
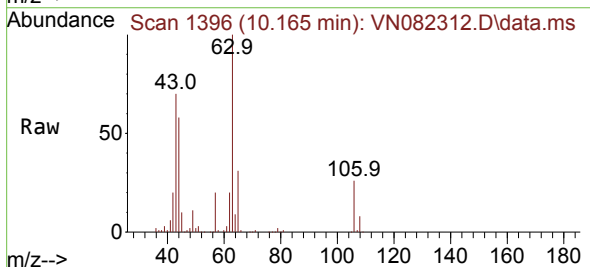
Instrument :
MSVOA_N
ClientSampleId :

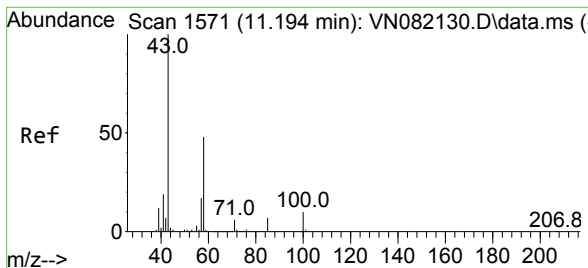
Tgt Ion: 76 Resp: 83965
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 111.508 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 63 Resp: 204192
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8

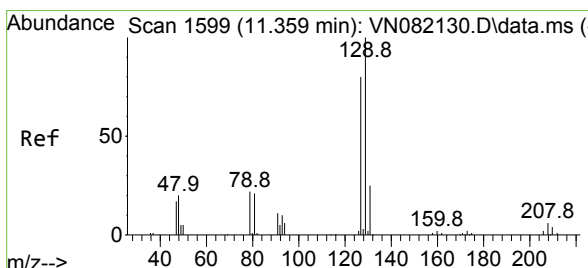
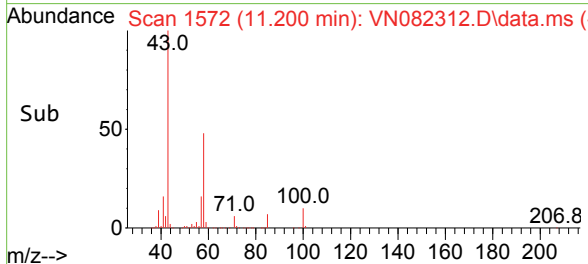
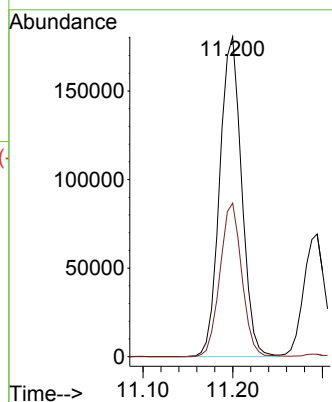
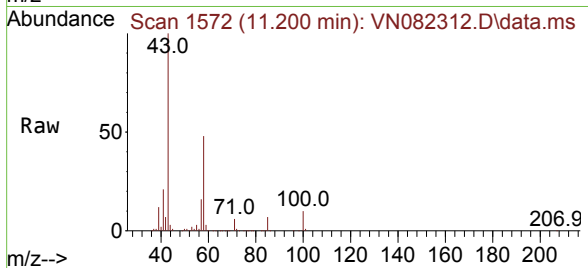




#59
2-Hexanone
Concen: 115.568 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

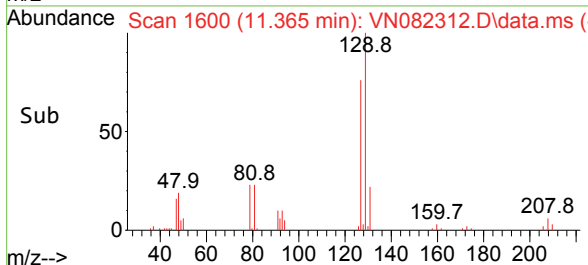
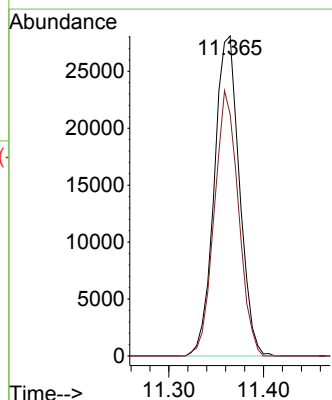
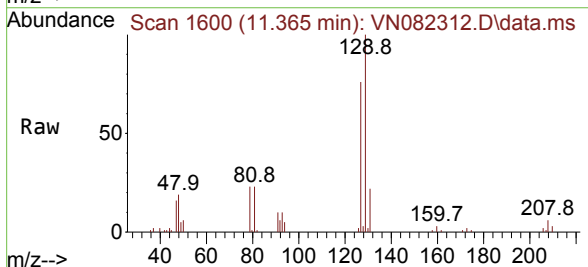
Instrument :
MSVOA_N
ClientSampleId :

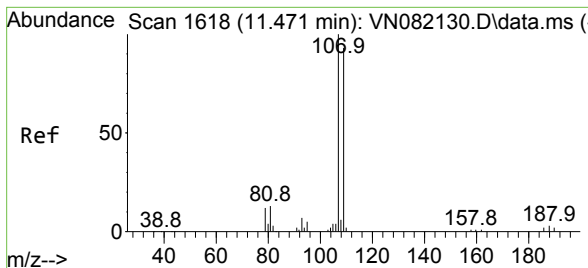
Tgt Ion: 43 Resp: 306554
Ion Ratio Lower Upper
43 100
58 47.8 28.3 84.9



#60
Dibromochloromethane
Concen: 22.451 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 129 Resp: 51808
Ion Ratio Lower Upper
129 100
127 79.6 38.3 114.8

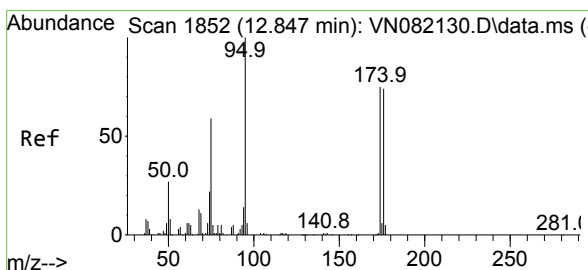
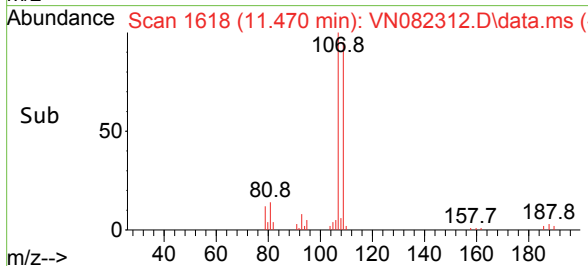
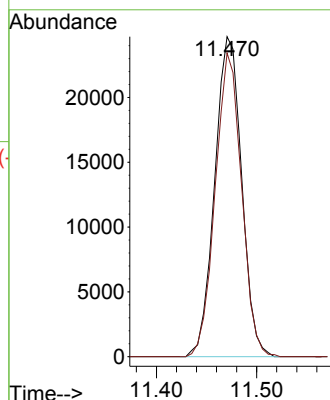
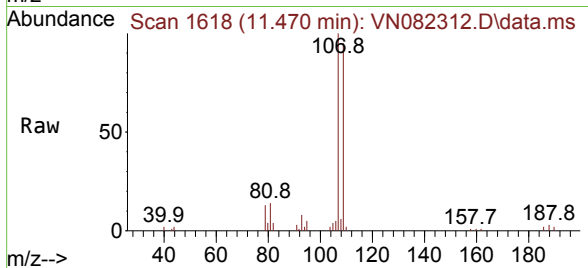




#61
1,2-Dibromoethane
Concen: 21.436 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

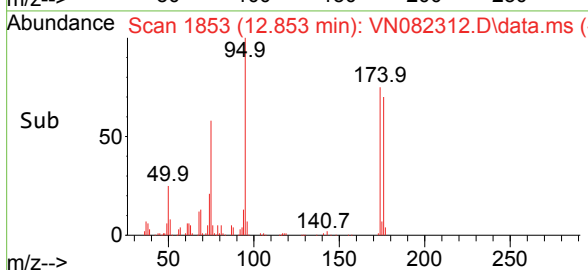
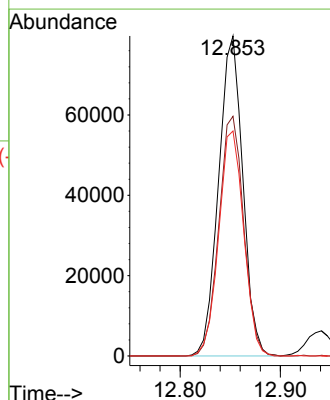
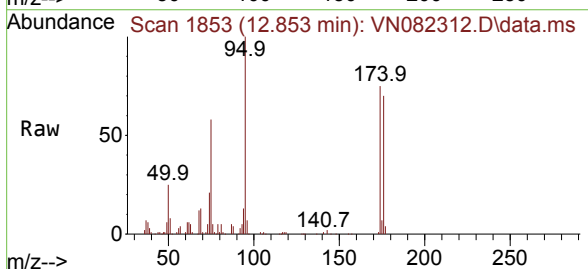
Instrument :
MSVOA_N
ClientSampleId :

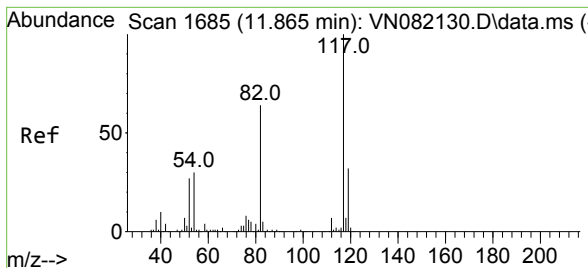
Tgt Ion:107 Resp: 46040
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 95 Resp: 133498
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 72.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

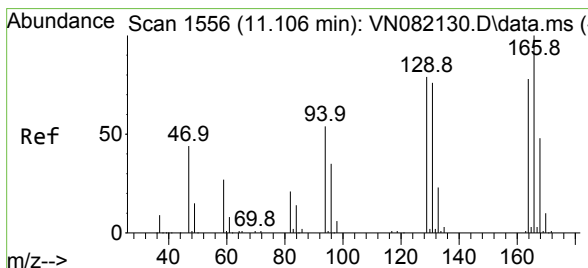
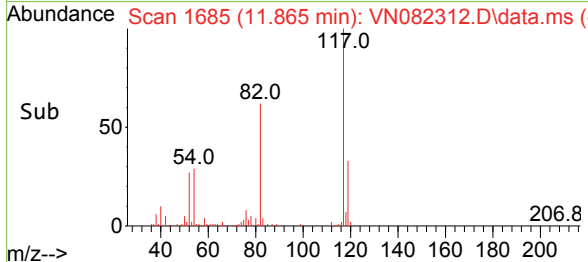
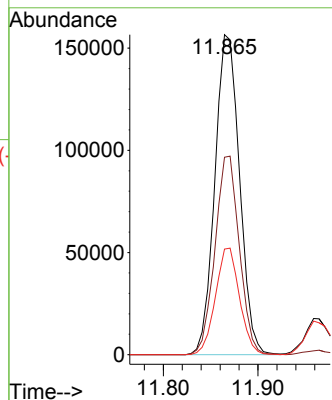
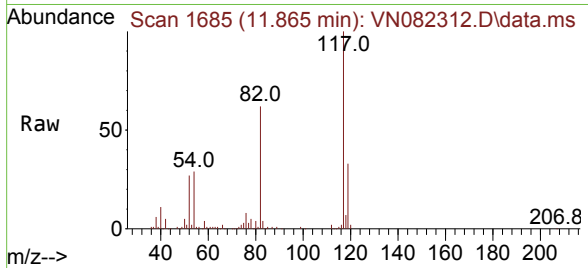
Tgt Ion:117 Resp: 284014

Ion Ratio Lower Upper

117 100

82 61.7 44.6 66.8

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 21.422 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Tgt Ion:164 Resp: 45095

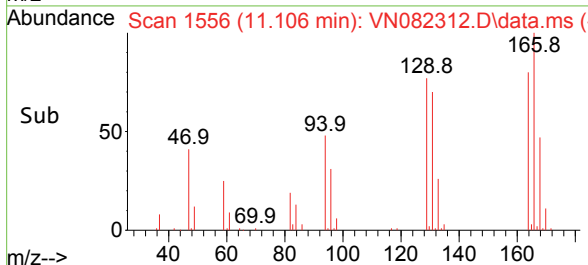
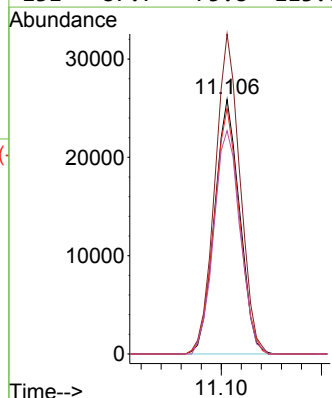
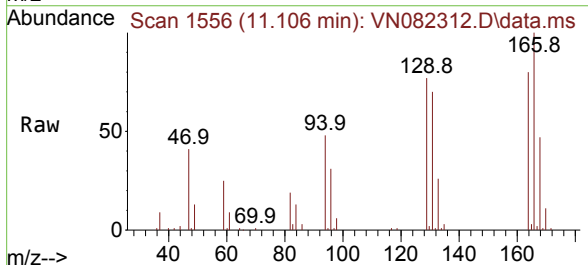
Ion Ratio Lower Upper

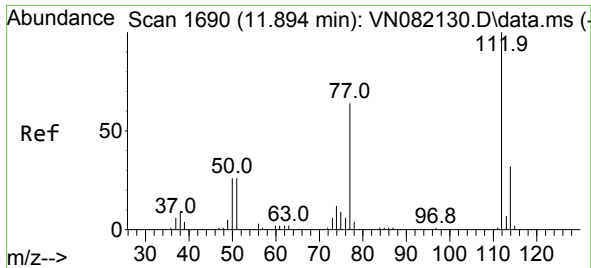
164 100

166 125.7 97.6 146.4

129 96.4 73.7 110.5

131 87.7 75.8 113.6

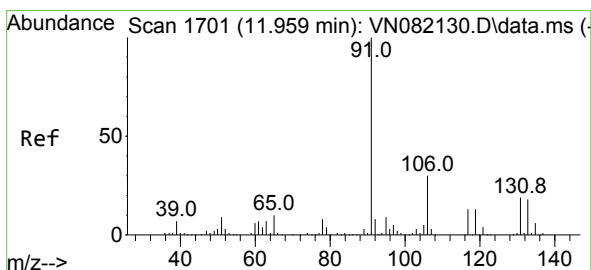
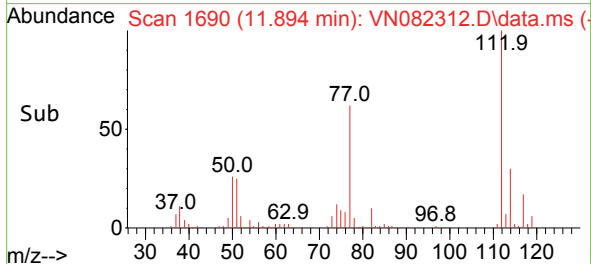
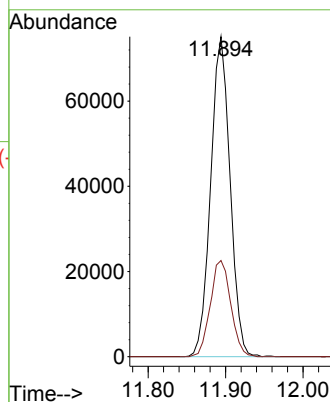
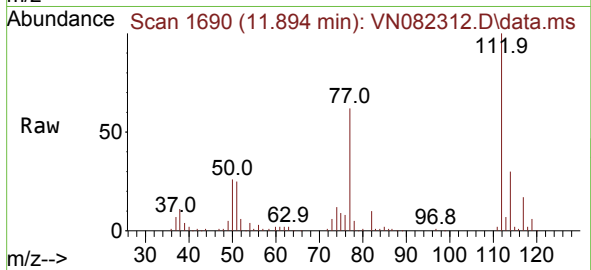




#65
Chlorobenzene
Concen: 20.885 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

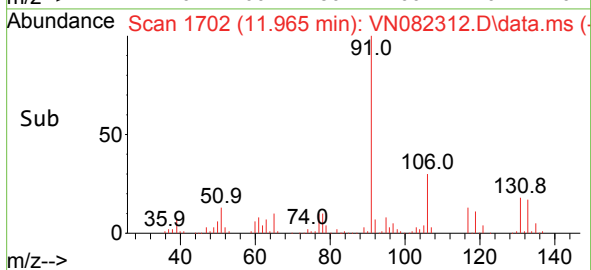
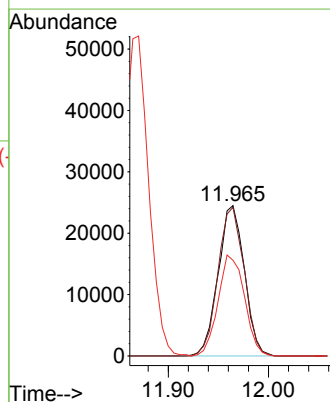
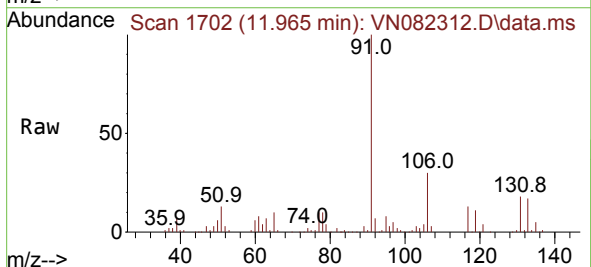
Instrument :
MSVOA_N
ClientSampleId :

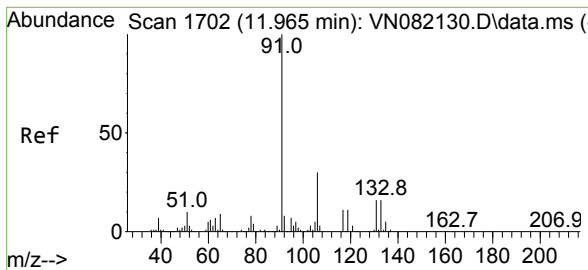
Tgt Ion:112 Resp: 131040
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.503 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:131 Resp: 44441
Ion Ratio Lower Upper
131 100
133 98.8 47.5 142.6
119 67.6 32.9 98.7

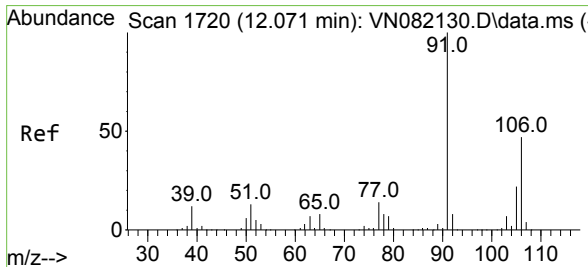
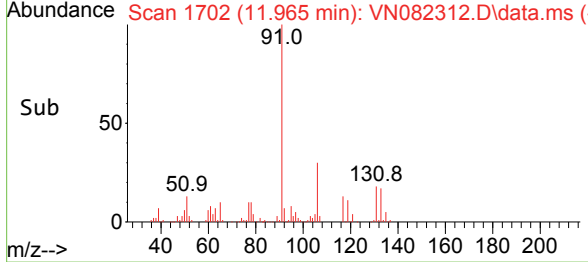
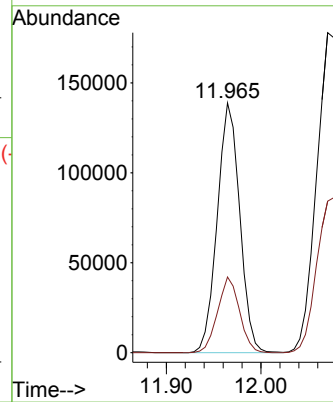
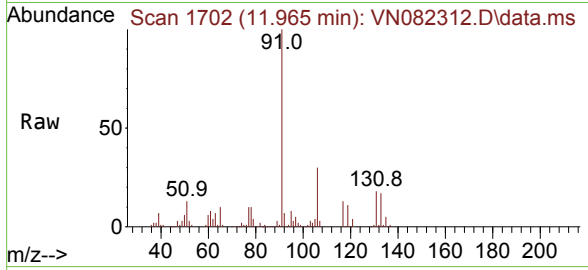




#67
Ethyl Benzene
Concen: 20.410 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

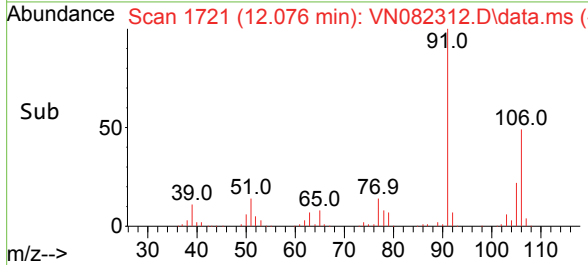
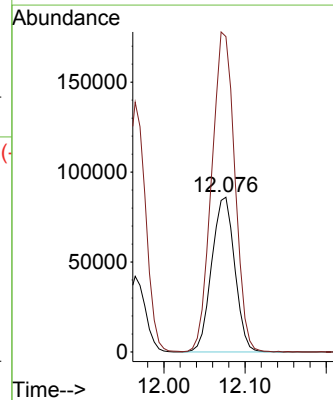
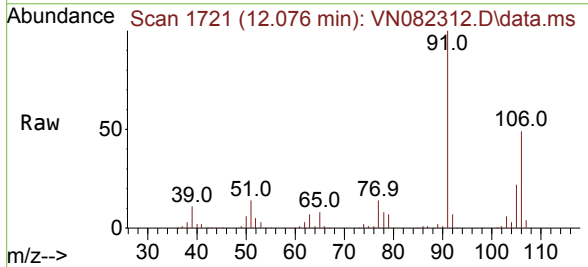
Instrument :
MSVOA_N
ClientSampleId :

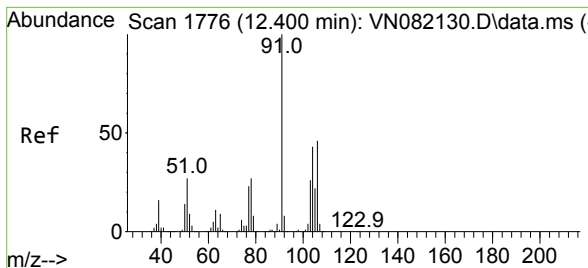
Tgt Ion: 91 Resp: 229075
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9



#68
m/p-Xylenes
Concen: 41.209 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:106 Resp: 169519
Ion Ratio Lower Upper
106 100
91 208.0 159.4 239.0

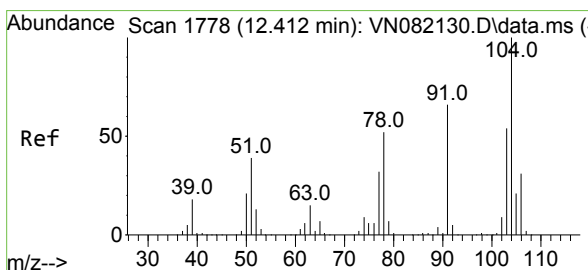
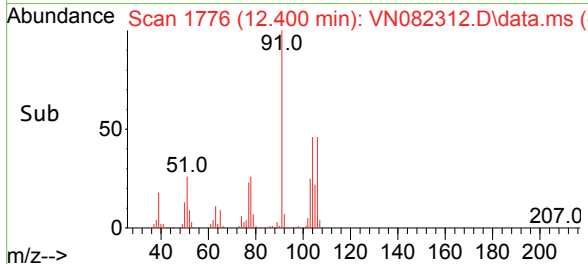
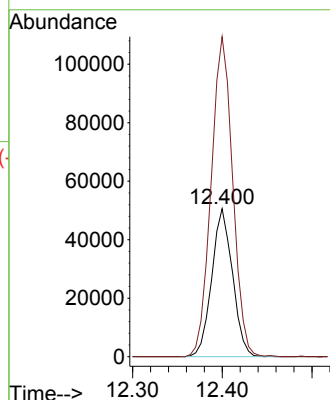
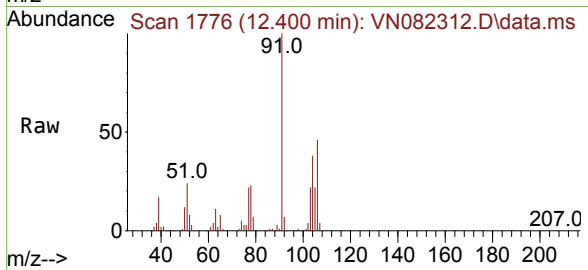




#69
o-Xylene
Concen: 20.378 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

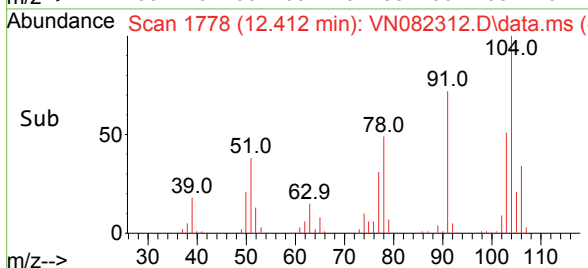
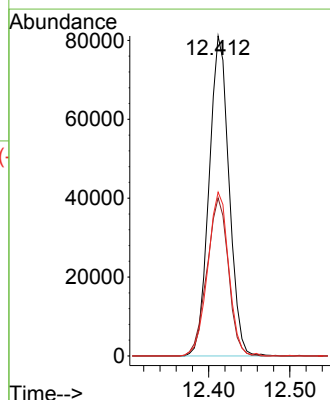
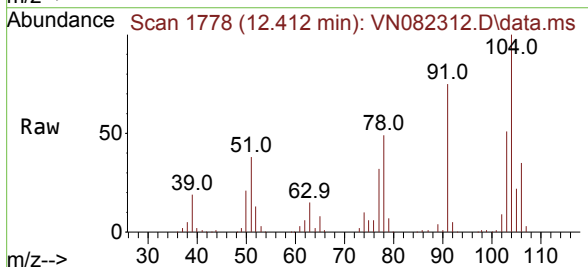
Instrument :
MSVOA_N
ClientSampleId :

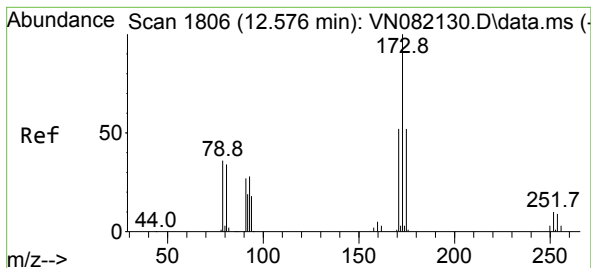
Tgt Ion:106 Resp: 81199
Ion Ratio Lower Upper
106 100
91 224.8 104.7 314.1



#70
Styrene
Concen: 20.923 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:104 Resp: 138480
Ion Ratio Lower Upper
104 100
78 52.9 38.6 58.0
103 53.9 43.8 65.6





#71

Bromoform

Concen: 21.127 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082312.D

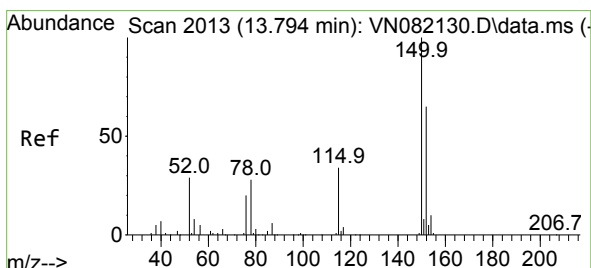
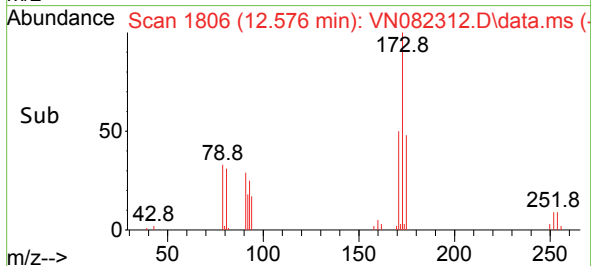
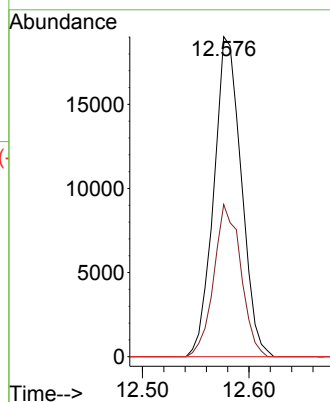
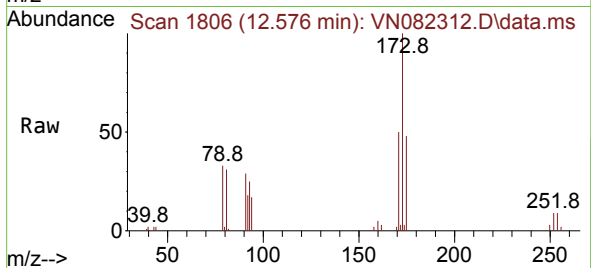
Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	34053
Ion Ratio	Lower	Upper
173	100	
175	46.8	24.6 74.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

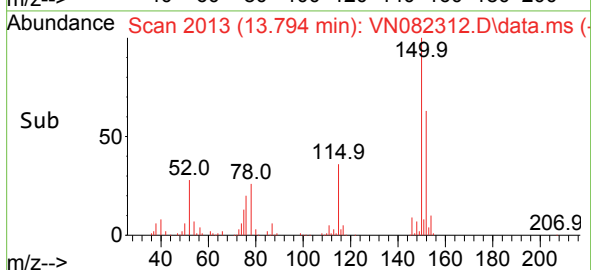
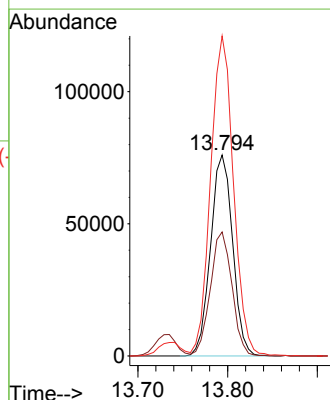
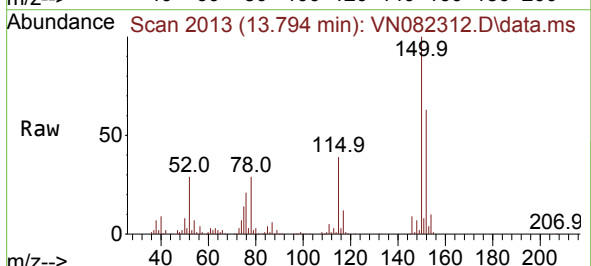
RT: 13.794 min Scan# 2013

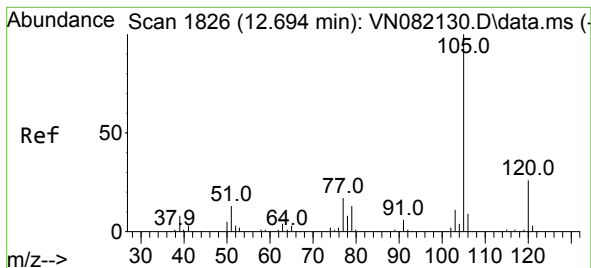
Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Tgt Ion:152	Resp:	129883
Ion Ratio	Lower	Upper
152	100	
115	60.5	30.4 91.3
150	164.9	0.0 353.2





#73

Isopropylbenzene

Concen: 20.292 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

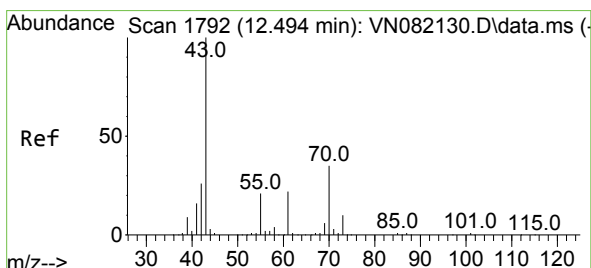
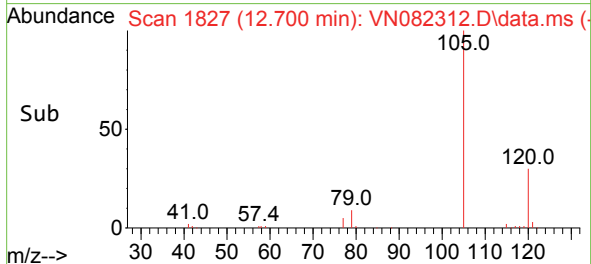
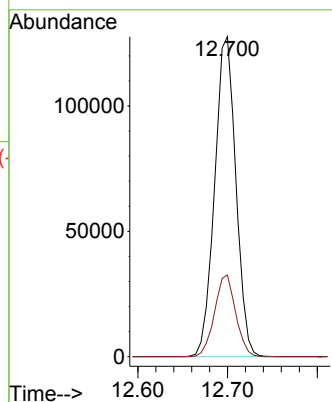
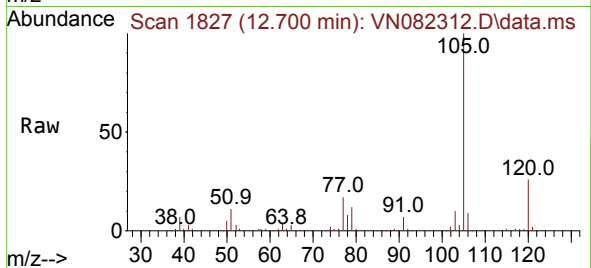
ClientSampleId :

Tgt Ion:105 Resp: 209386

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.191 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Tgt Ion: 43 Resp: 114597

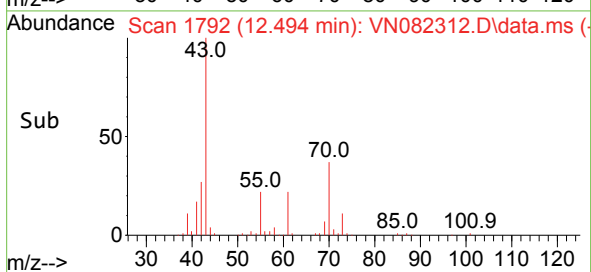
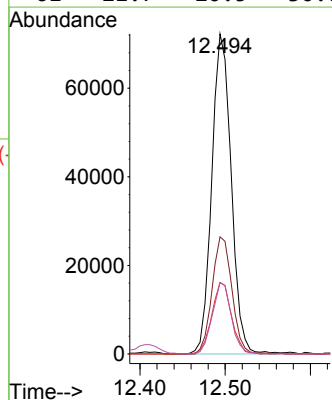
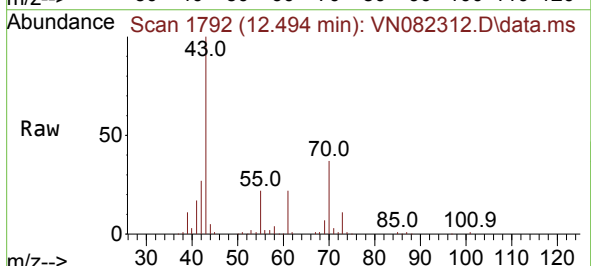
Ion Ratio Lower Upper

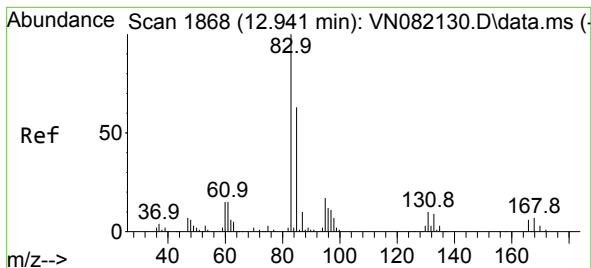
43 100

70 37.3 39.0 58.4#

55 22.6 21.3 31.9

61 21.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.942 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082312.D

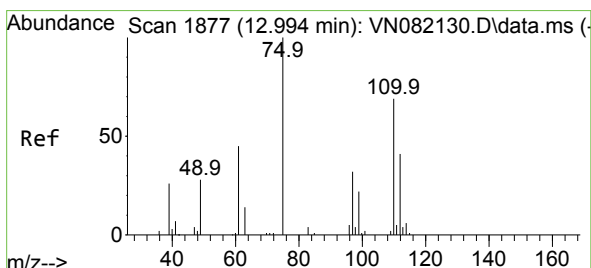
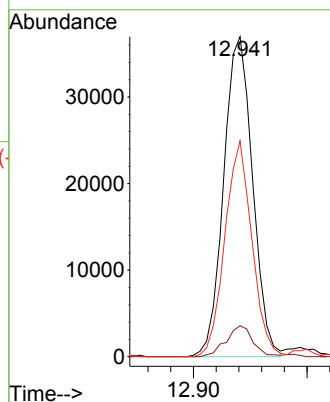
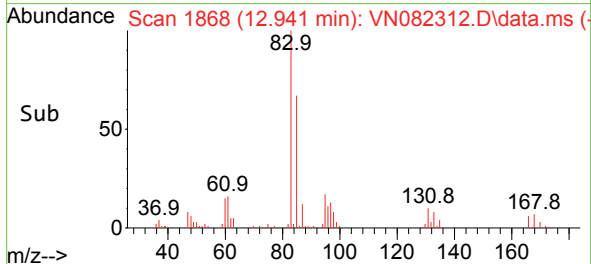
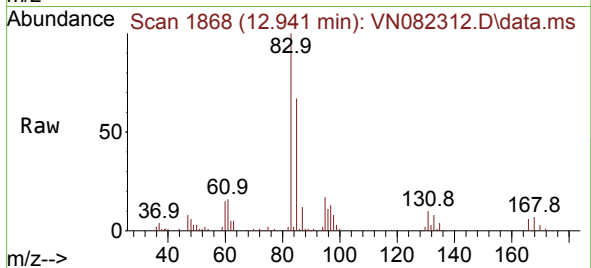
Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	65266
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.5	16.4
85	63.2	32.9	98.6



#76

1,2,3-Trichloropropane

Concen: 33.406 ug/l

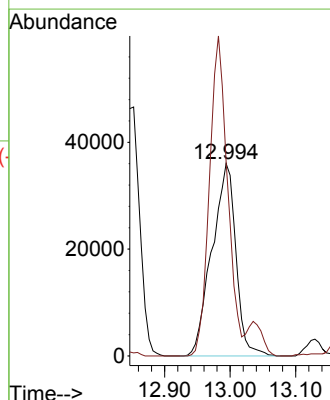
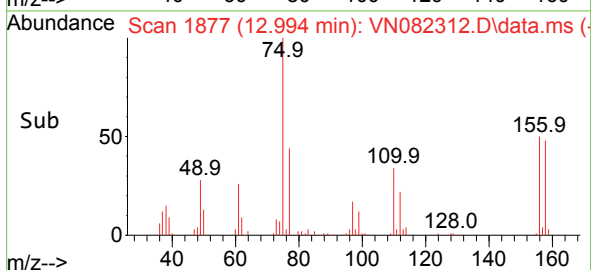
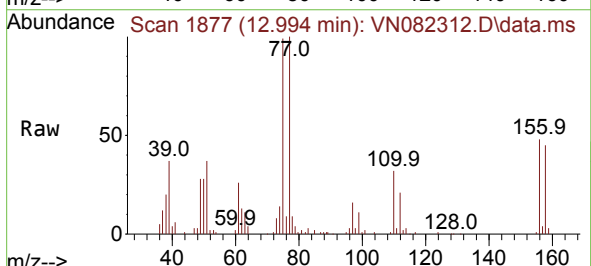
RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Tgt Ion:	75	Resp:	91324
Ion Ratio	Lower	Upper	
75	100		
77	127.4	90.5	271.3

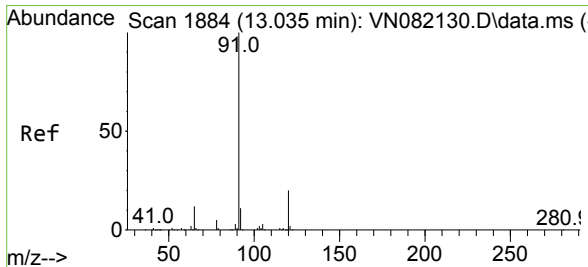
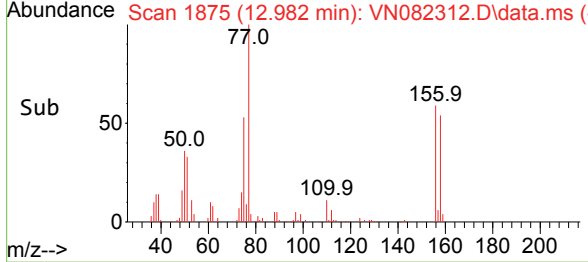
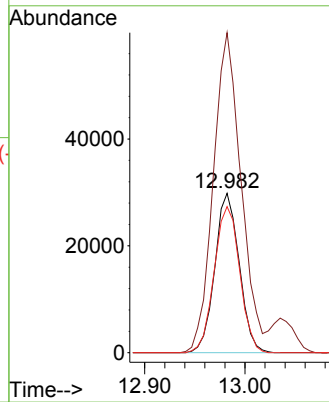
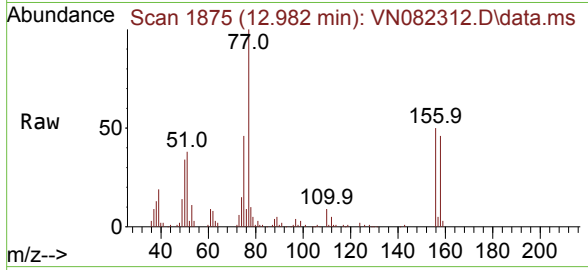




#77
Bromobenzene
Concen: 20.485 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

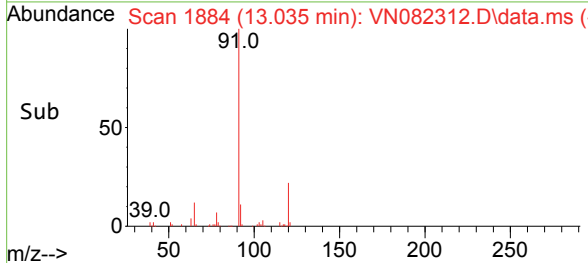
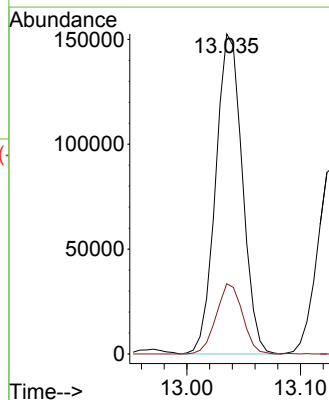
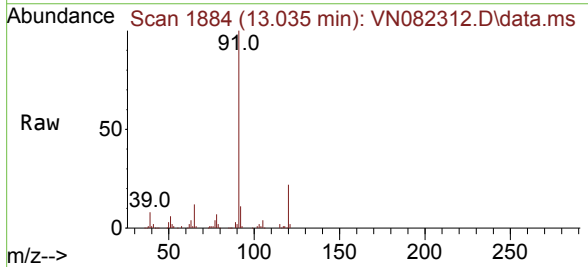
Instrument :
MSVOA_N
ClientSampleId :

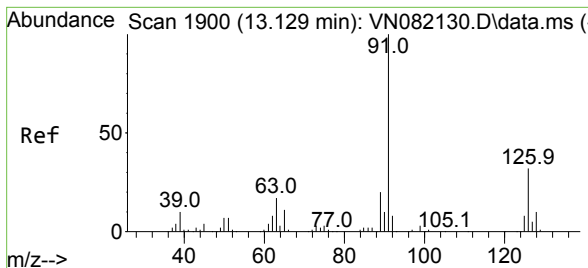
Tgt Ion:156 Resp: 50374
Ion Ratio Lower Upper
156 100
77 231.0 100.2 300.6
158 95.9 49.1 147.3



#78
n-propylbenzene
Concen: 20.356 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 91 Resp: 248728
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0

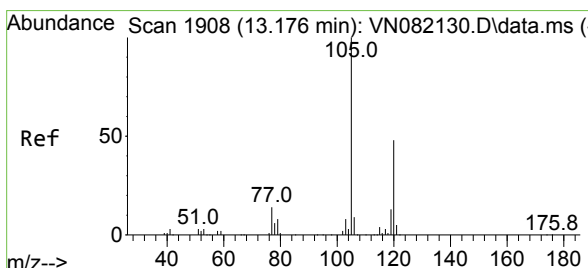
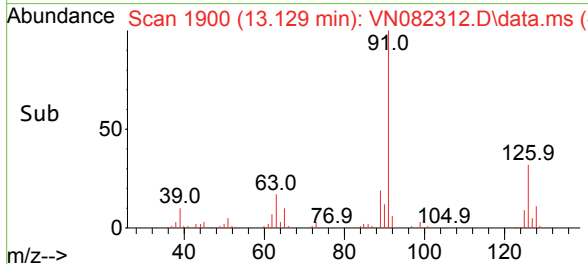
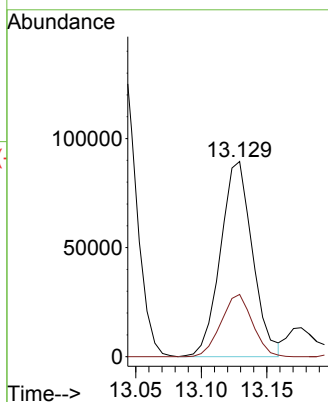
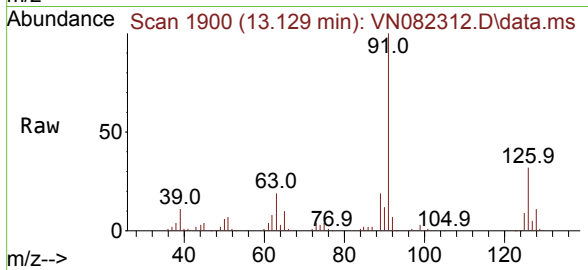




#79
2-Chlorotoluene
Concen: 19.861 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

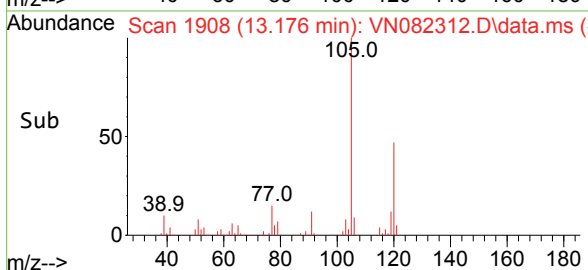
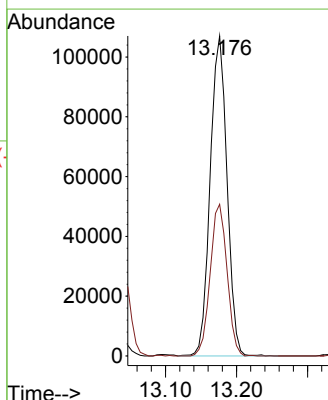
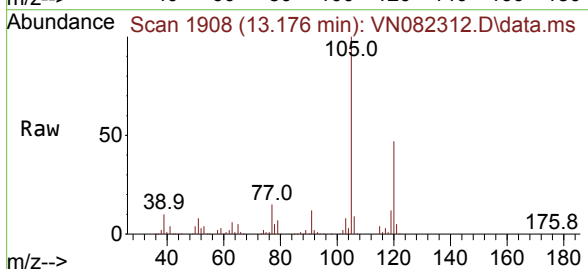
Instrument :
MSVOA_N
ClientSampleId :

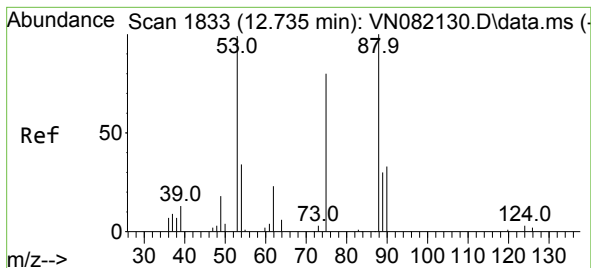
Tgt Ion: 91 Resp: 152383
Ion Ratio Lower Upper
91 100
126 31.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 21.082 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

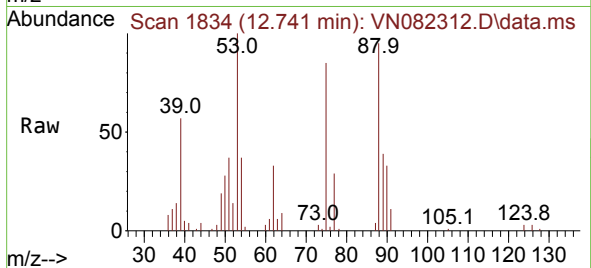
Tgt Ion:105 Resp: 175897
Ion Ratio Lower Upper
105 100
120 47.5 24.8 74.3



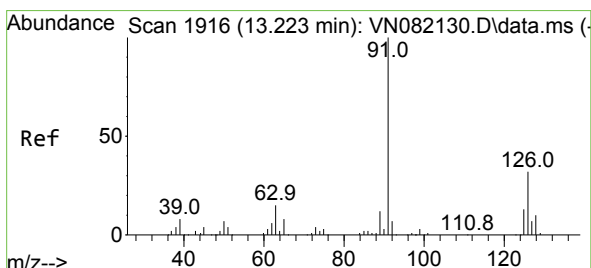
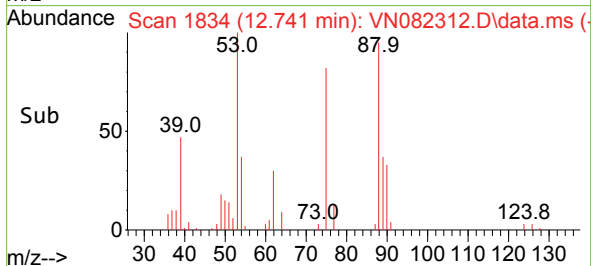
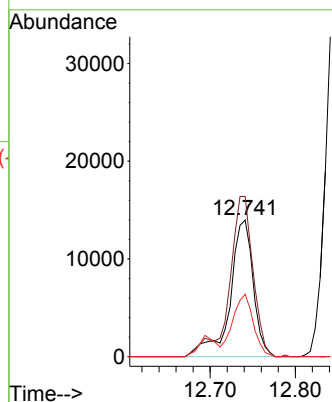


#81
trans-1,4-Dichloro-2-butene
Concen: 22.584 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

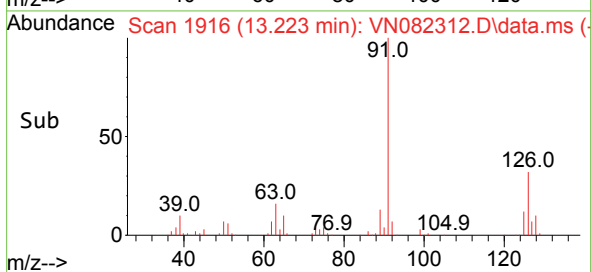
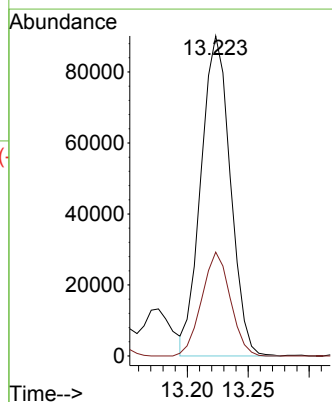
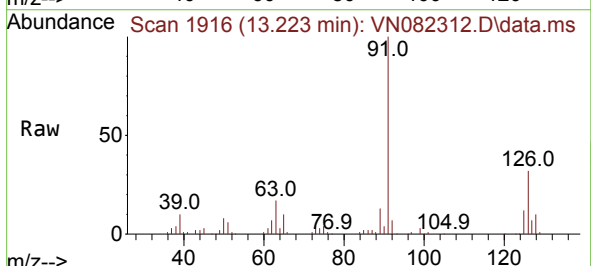


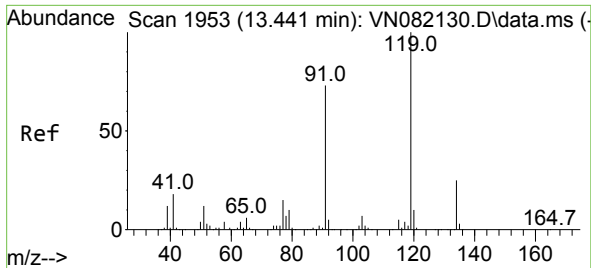
Tgt Ion: 75 Resp: 26396
Ion Ratio Lower Upper
75 100
53 120.2 72.9 109.3#
89 40.9 39.1 58.7



#82
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion: 91 Resp: 151043
Ion Ratio Lower Upper
91 100
126 31.5 17.4 52.3

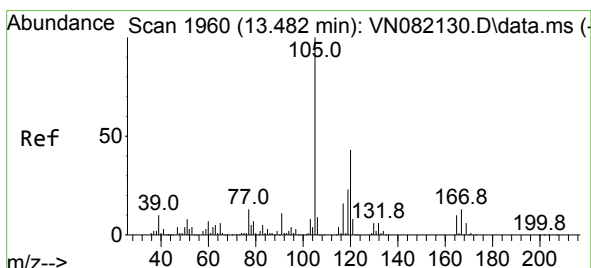
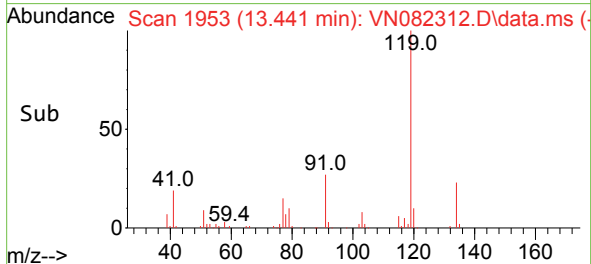
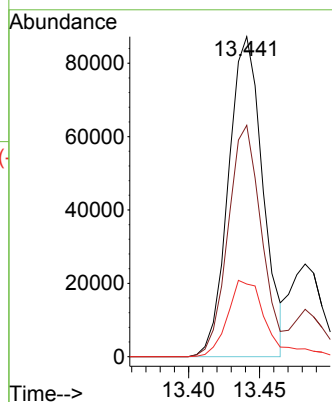
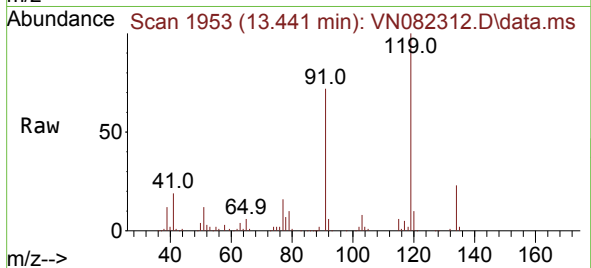




#83
tert-Butylbenzene
Concen: 20.129 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

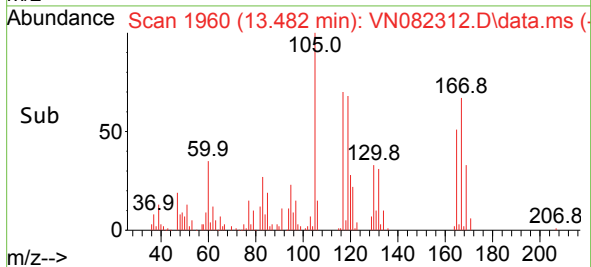
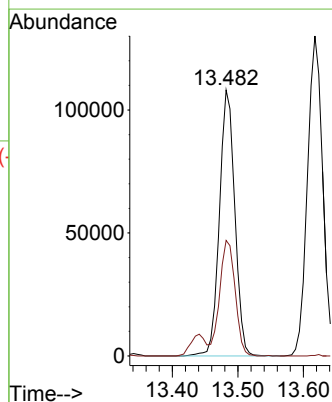
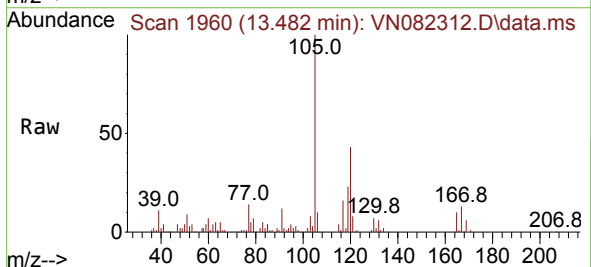
Instrument :
MSVOA_N
ClientSampleId :

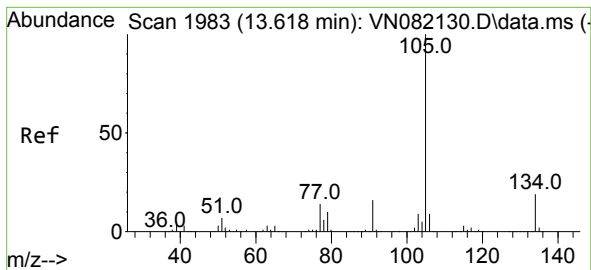
Tgt Ion:119 Resp: 146925
Ion Ratio Lower Upper
119 100
91 71.7 32.6 97.8
134 27.0 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 20.580 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:105 Resp: 175671
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.719 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

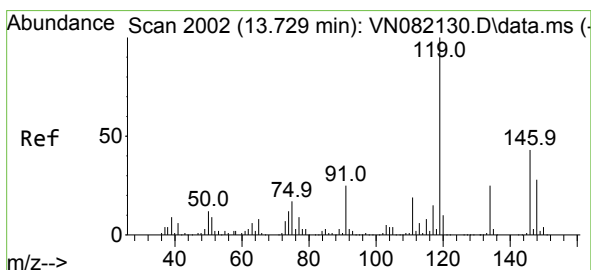
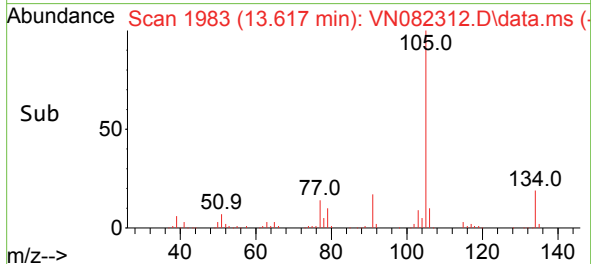
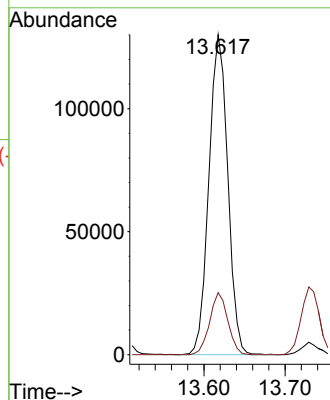
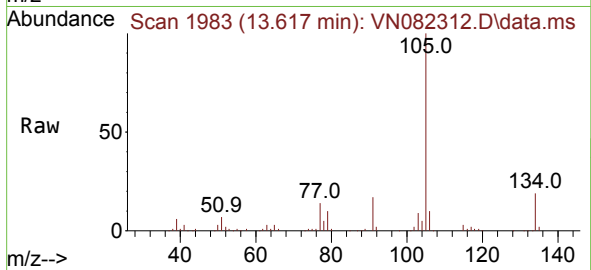
ClientSampleId :

Tgt Ion:105 Resp: 209626

Ion Ratio Lower Upper

105 100

134 18.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.832 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

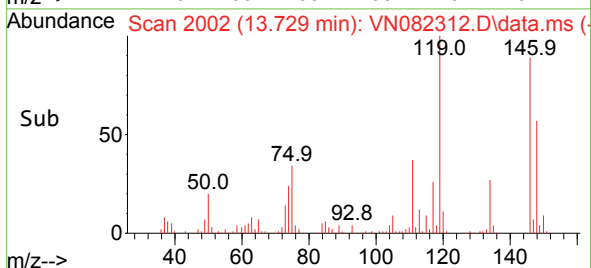
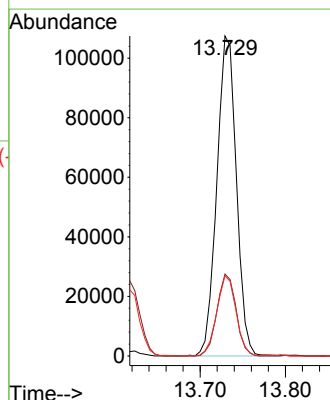
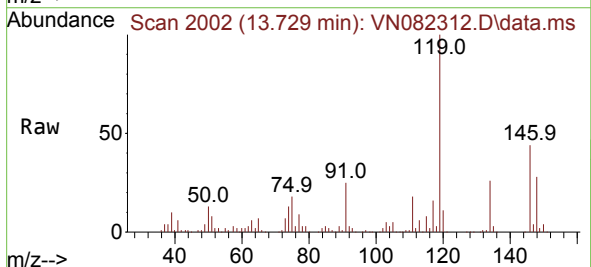
Tgt Ion:119 Resp: 171287

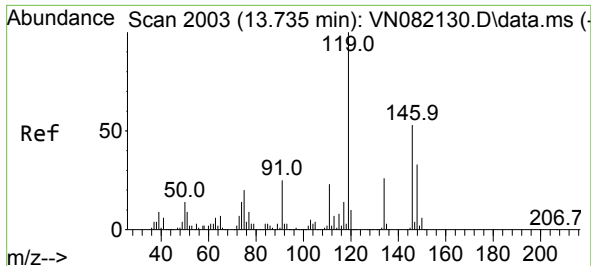
Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.5

91 24.8 11.8 35.3

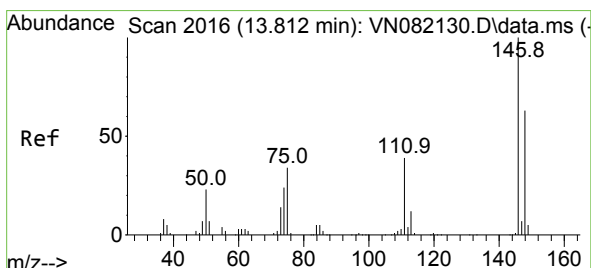
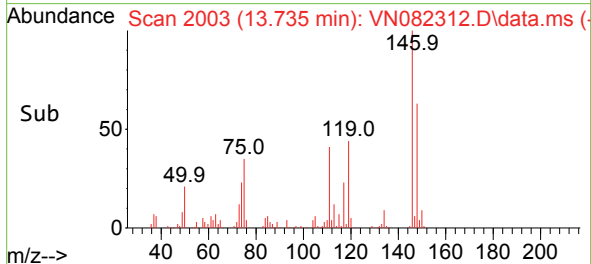
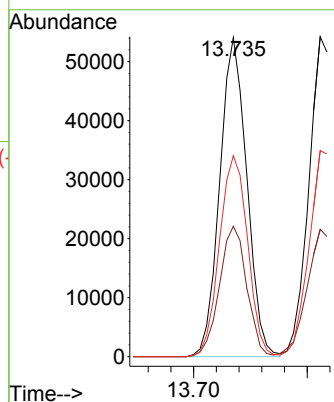
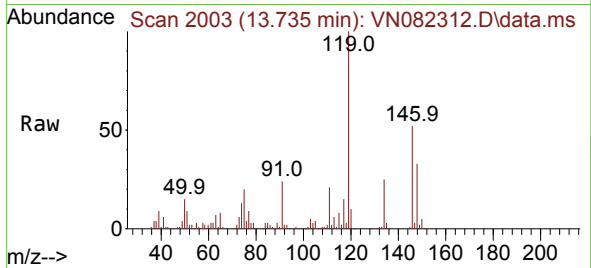




#87
1,3-Dichlorobenzene
Concen: 20.076 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

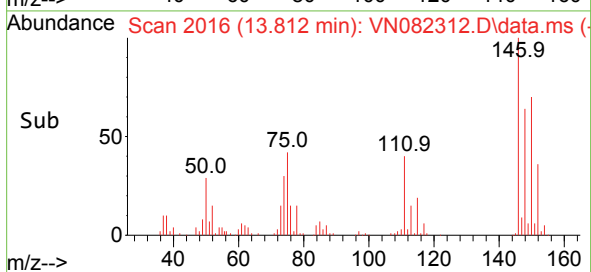
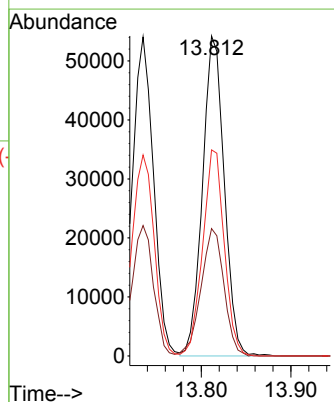
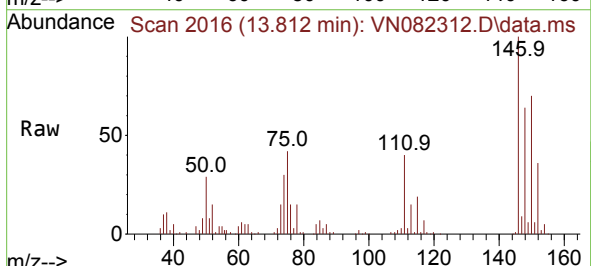
Instrument :
MSVOA_N
ClientSampleId :

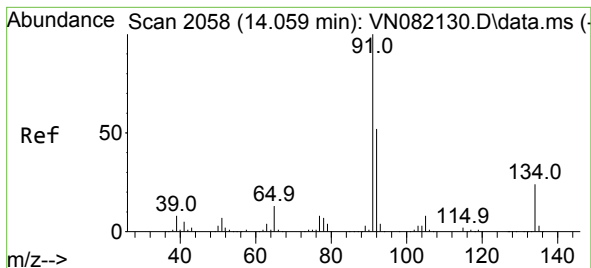
Tgt Ion:146 Resp: 89440
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 65.6 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 20.051 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:146 Resp: 91170
Ion Ratio Lower Upper
146 100
111 42.0 19.3 57.9
148 64.1 31.3 93.9





#89

n-Butylbenzene

Concen: 19.419 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082312.D

Acq: 23 May 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

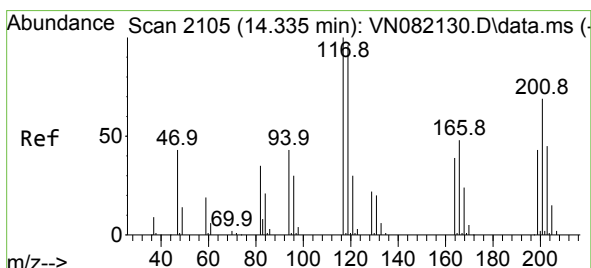
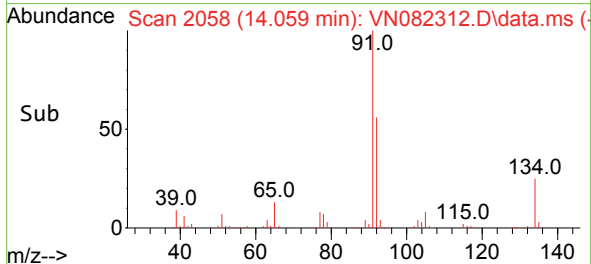
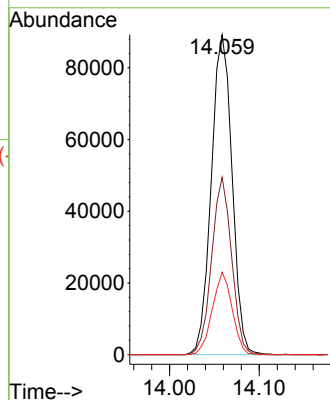
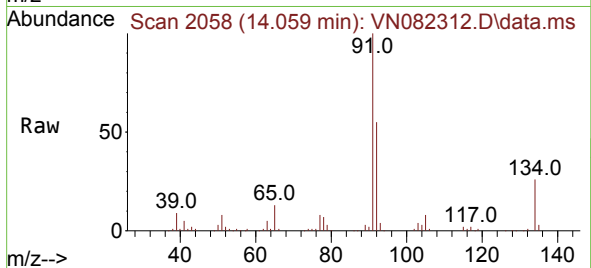
Tgt Ion: 91 Resp: 143512

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.5

134 24.7 13.2 39.5



#90

Hexachloroethane

Concen: 20.678 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082312.D

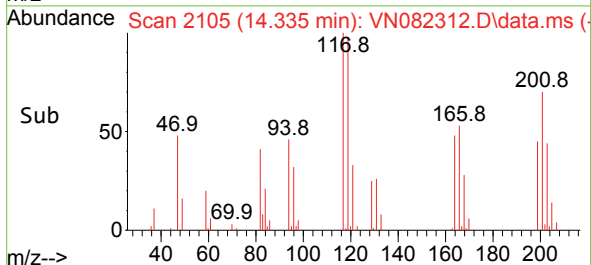
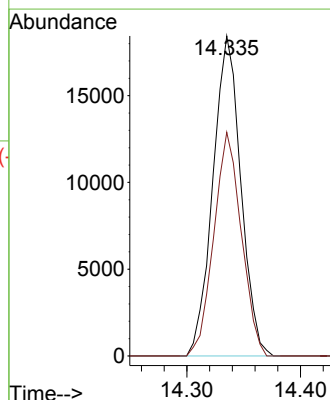
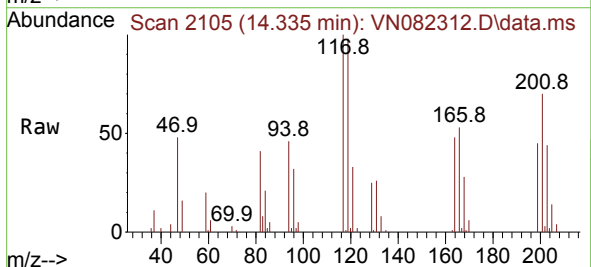
Acq: 23 May 2024 11:18

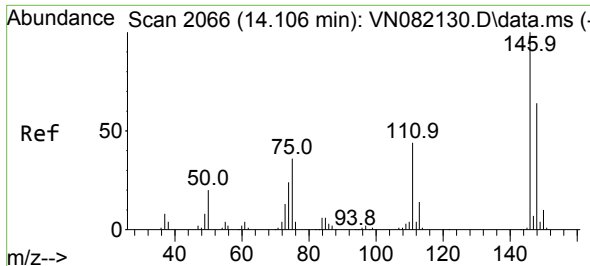
Tgt Ion: 117 Resp: 31501

Ion Ratio Lower Upper

117 100

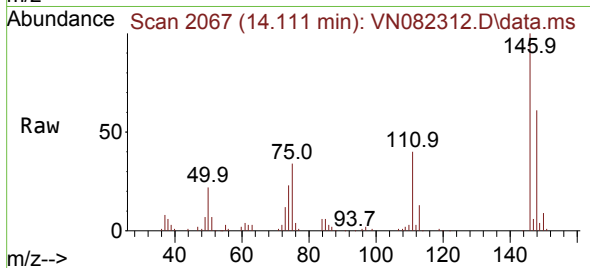
201 68.8 33.3 99.8



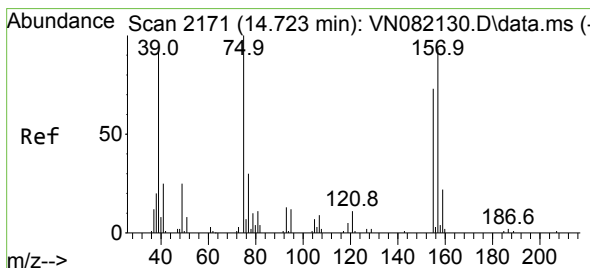
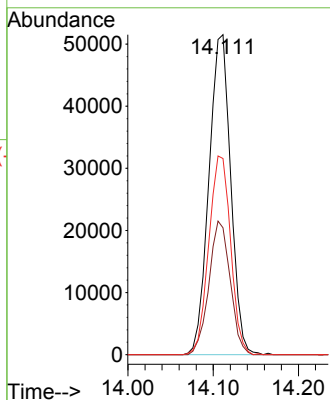
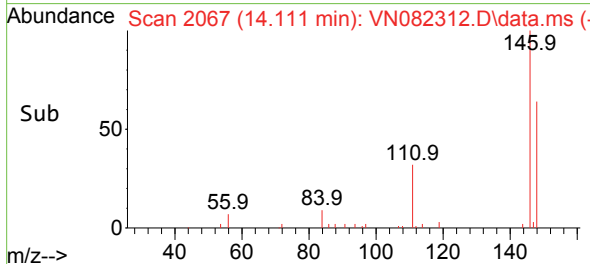


#91
1,2-Dichlorobenzene
Concen: 21.688 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

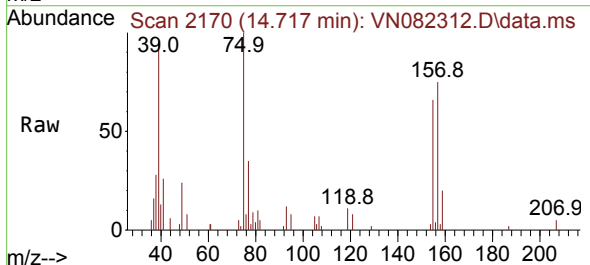
Instrument :
MSVOA_N
ClientSampleId :



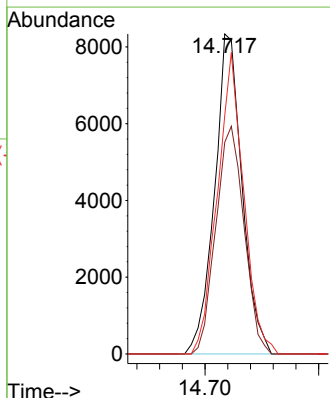
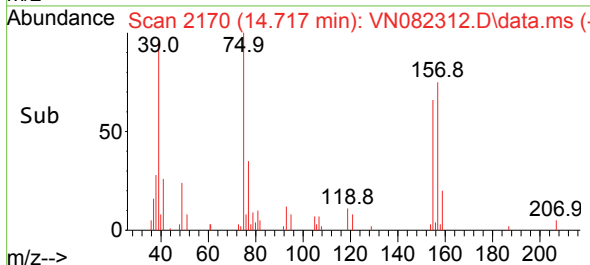
Tgt Ion:146 Resp: 91460
Ion Ratio Lower Upper
146 100
111 40.8 21.3 64.0
148 62.2 31.8 95.4

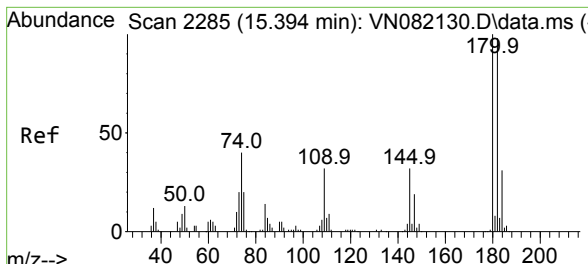


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.954 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18



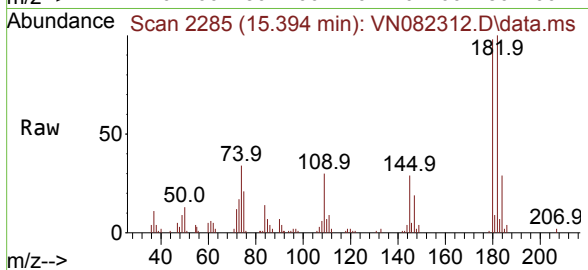
Tgt Ion: 75 Resp: 14028
Ion Ratio Lower Upper
75 100
155 72.9 42.6 128.0
157 90.2 53.0 159.0



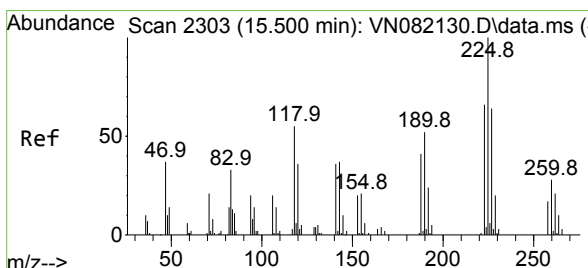
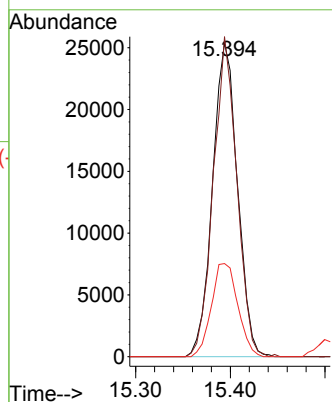
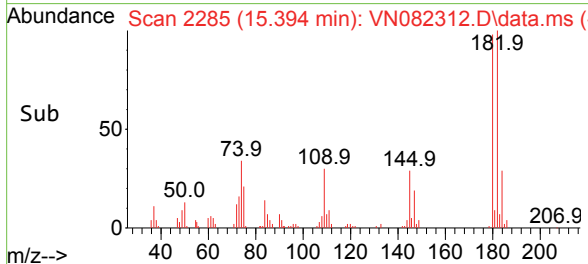


#93
 1,2,4-Trichlorobenzene
 Concen: 19.608 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18

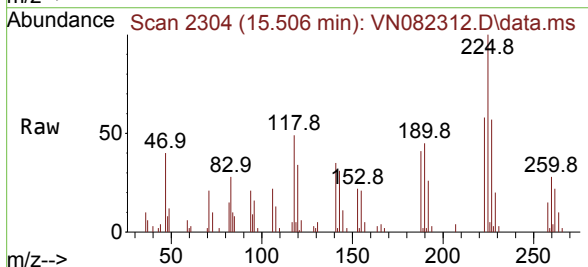
Instrument :
 MSVOA_N
 ClientSampleId :



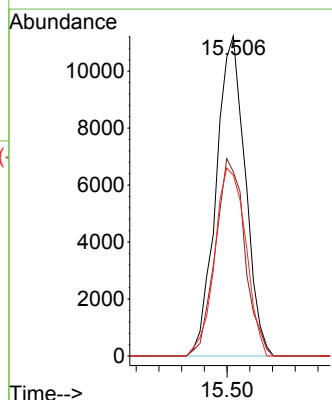
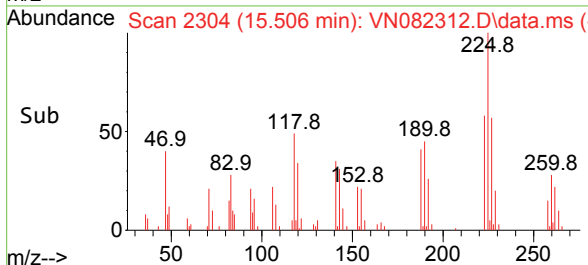
Tgt Ion:180 Resp: 46348
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.7 140.0
 145 31.4 16.2 48.6

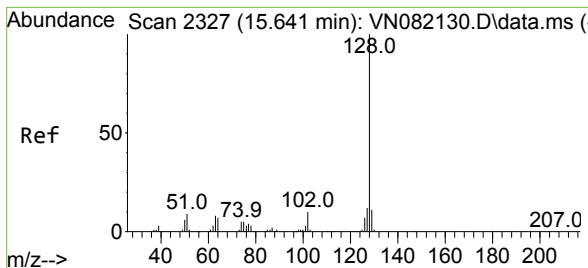


#94
 Hexachlorobutadiene
 Concen: 19.262 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN082312.D
 Acq: 23 May 2024 11:18



Tgt Ion:225 Resp: 19979
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 62.7 30.6 91.6

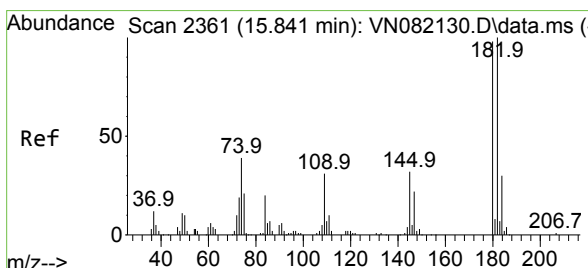
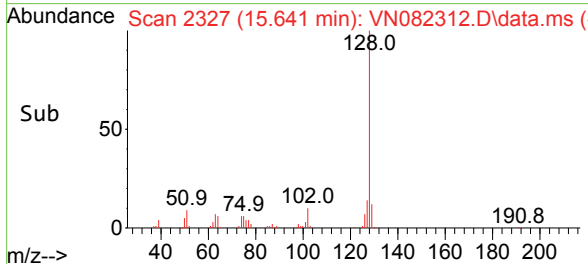
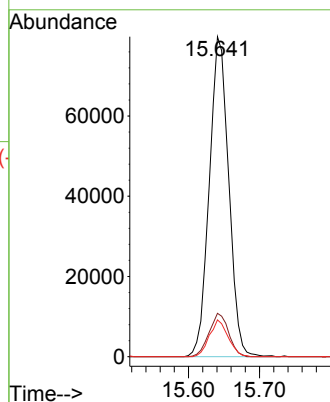
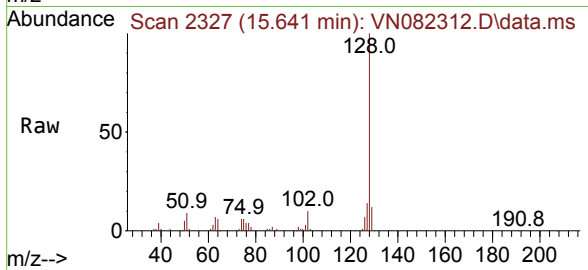




#95
Naphthalene
Concen: 20.436 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 151381
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.173 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082312.D
Acq: 23 May 2024 11:18

Tgt Ion:180 Resp: 47737
Ion Ratio Lower Upper
180 100
182 91.3 46.0 137.8
145 34.0 17.1 51.3

