

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082423.D
 Acq On : 31 May 2024 21:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 31 23:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139238	50.761	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.520%	
35) Dibromofluoromethane	8.165	113	98881	53.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.080%	
50) Toluene-d8	10.565	98	358721	50.190	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.847	95	136818	53.633	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110186	43.994	ug/l	99
3) Chloromethane	2.360	50	119601	42.137	ug/l	97
4) Vinyl Chloride	2.512	62	125517	47.038	ug/l	99
5) Bromomethane	2.942	94	65086	42.435	ug/l	99
6) Chloroethane	3.112	64	87125	50.004	ug/l	99
7) Trichlorofluoromethane	3.495	101	179067	51.247	ug/l	99
8) Diethyl Ether	3.959	74	70221	56.412	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	101433	49.694	ug/l	98
10) Methyl Iodide	4.589	142	107407	52.343	ug/l	90
11) Tert butyl alcohol	5.518	59	116594	264.797	ug/l	100
12) 1,1-Dichloroethene	4.342	96	96683	50.961	ug/l #	82
13) Acrolein	4.177	56	105404	323.038	ug/l	100
14) Allyl chloride	5.024	41	193329	47.596	ug/l #	91
15) Acrylonitrile	5.718	53	317626	278.530	ug/l	99
16) Acetone	4.430	43	284113	252.492	ug/l	93
17) Carbon Disulfide	4.712	76	240763	39.292	ug/l	99
18) Methyl Acetate	5.030	43	170678	60.907	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	394146	56.838	ug/l	94
20) Methylene Chloride	5.277	84	114426	50.402	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	100229	48.479	ug/l #	78
22) Diisopropyl ether	6.671	45	463719	54.673	ug/l #	91
23) Vinyl Acetate	6.606	43	1821695	272.414	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	230413	52.705	ug/l	96
25) 2-Butanone	7.483	43	462021	270.816	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	168249	45.948	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	129800	53.198	ug/l	83
28) Bromochloromethane	7.812	49	94256	49.589	ug/l #	75
29) Tetrahydrofuran	7.841	42	304466	277.957	ug/l #	83
30) Chloroform	7.965	83	230113	55.120	ug/l	100
31) Cyclohexane	8.259	56	192071	43.841	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	200939	54.253	ug/l	92
36) 1,1-Dichloropropene	8.371	75	155580	49.761	ug/l	97
37) Ethyl Acetate	7.565	43	182484	52.153	ug/l #	95
38) Carbon Tetrachloride	8.365	117	171589	54.139	ug/l	97
39) Methylcyclohexane	9.600	83	161189	47.033	ug/l #	85
40) Benzene	8.606	78	483604	51.870	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	109960	53.435	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	193583	53.986	ug/l	95
43) Isopropyl Acetate	8.688	43	385701	62.210	ug/l #	86
44) Trichloroethene	9.353	130	106124	50.109	ug/l	94
45) 1,2-Dichloropropane	9.624	63	125763	52.280	ug/l	95
46) Dibromomethane	9.712	93	85319	54.023	ug/l	97
47) Bromodichloromethane	9.888	83	188426	56.515	ug/l	100
48) Methyl methacrylate	9.683	41	162498	55.004	ug/l #	82
49) 1,4-Dioxane	9.694	88	47533	1148.197	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1016729	288.626	ug/l	90
52) Toluene	10.630	92	300747	53.752	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	193617	56.150	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	198973	54.513	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	112936	55.544	ug/l	99
56) Ethyl methacrylate	10.877	69	204768	59.317	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	207599	54.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	492432	276.555	ug/l	90
59) 2-Hexanone	11.194	43	742544	287.885	ug/l	89
60) Dibromochloromethane	11.359	129	137165	61.129	ug/l	98
61) 1,2-Dibromoethane	11.471	107	116022	55.554	ug/l	99
64) Tetrachloroethene	11.106	164	94837	46.034	ug/l	97
65) Chlorobenzene	11.894	112	326664	53.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	117659	58.172	ug/l	98
67) Ethyl Benzene	11.965	91	594098	54.086	ug/l	97
68) m/p-Xylenes	12.071	106	441532	109.676	ug/l	94
69) o-Xylene	12.400	106	217798	55.850	ug/l	94
70) Styrene	12.412	104	375165	57.919	ug/l	97
71) Bromoform	12.582	173	91871	57.011	ug/l #	100
73) Isopropylbenzene	12.694	105	557978	51.415	ug/l	99
74) N-amyl acetate	12.494	43	318978	53.435	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	168961	54.010	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	232256	80.779	ug/l	64
77) Bromobenzene	12.982	156	133264	51.527	ug/l	88
78) n-propylbenzene	13.035	91	662322	51.538	ug/l	97
79) 2-Chlorotoluene	13.124	91	405679	50.272	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	461975	52.645	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	61777	50.255	ug/l #	73
82) 4-Chlorotoluene	13.224	91	412571	52.291	ug/l	94
83) tert-Butylbenzene	13.441	119	402174	52.387	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	475591	52.974	ug/l	97
85) sec-Butylbenzene	13.618	105	555497	52.204	ug/l	97
86) p-Isopropyltoluene	13.729	119	461699	53.388	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	240515	51.331	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	243438	50.905	ug/l	99
89) n-Butylbenzene	14.059	91	399235	51.363	ug/l	99
90) Hexachloroethane	14.335	117	87098	54.360	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	233611	52.672	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	35821	55.731	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	123393	49.633	ug/l	97
94) Hexachlorobutadiene	15.500	225	52740	48.346	ug/l	99
95) Naphthalene	15.641	128	451214	57.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	127568	51.257	ug/l	98

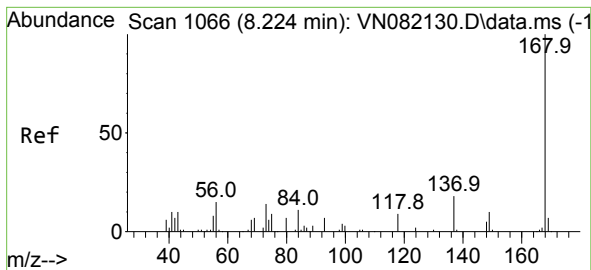
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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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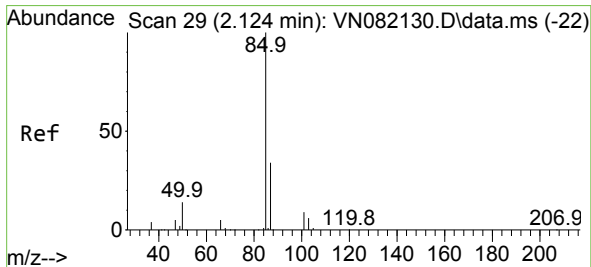
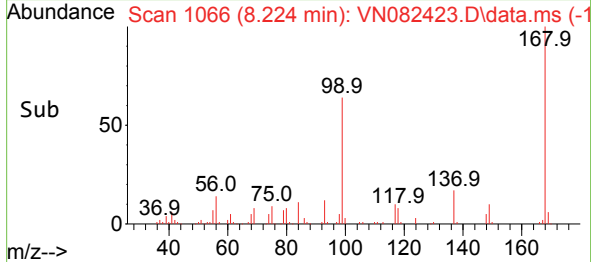
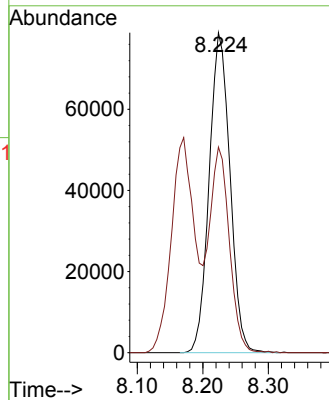
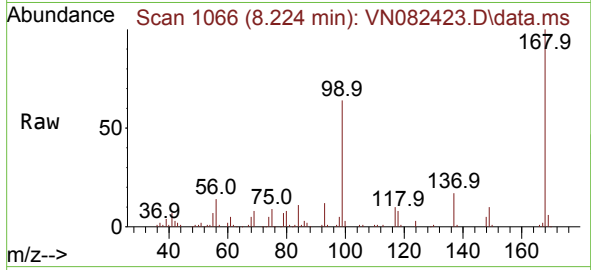
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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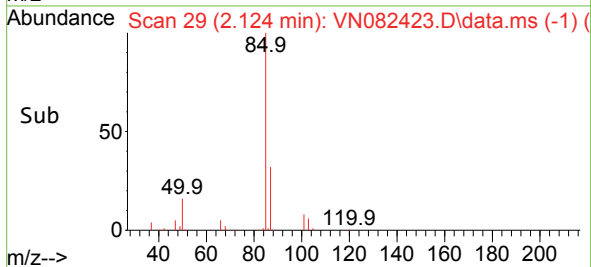
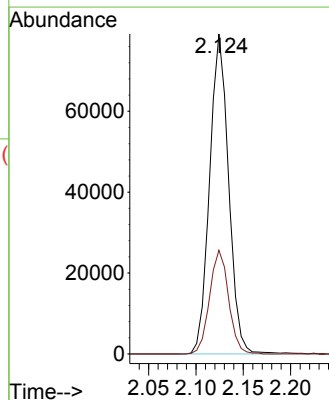
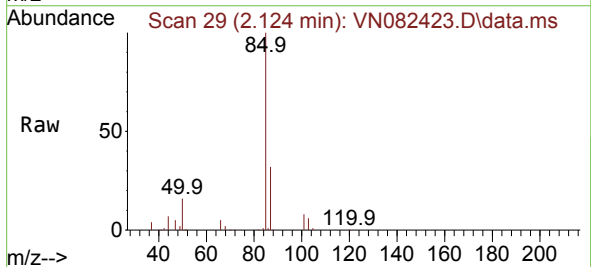
Instrument :
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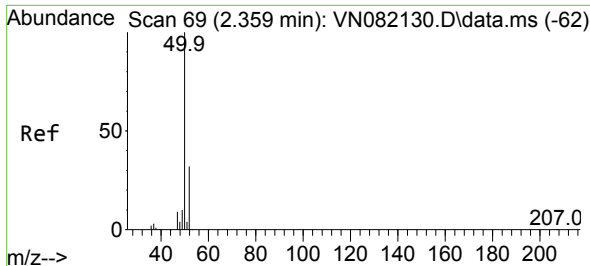
Tgt Ion:168 Resp: 173716
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 43.994 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 85 Resp: 110186
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4

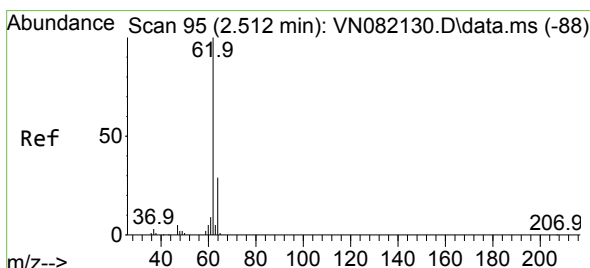
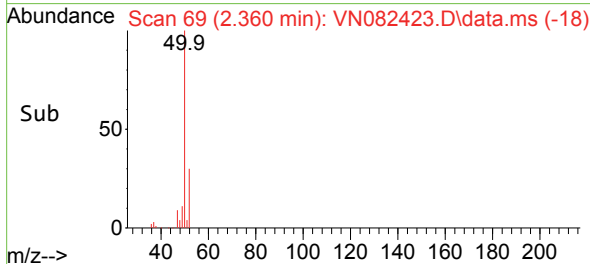
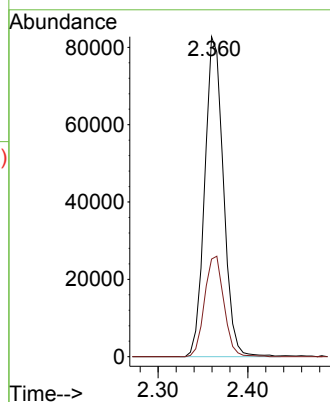
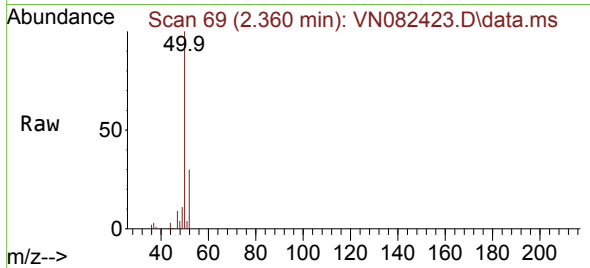




#3
Chloromethane
Concen: 42.137 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

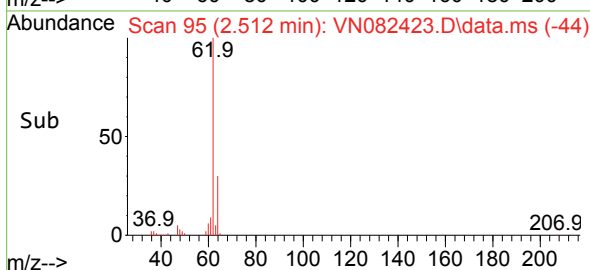
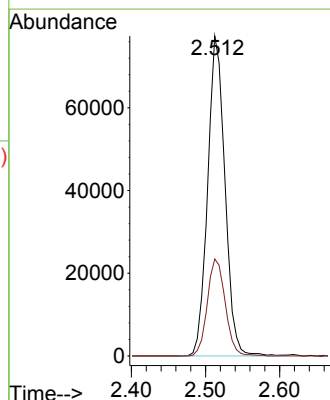
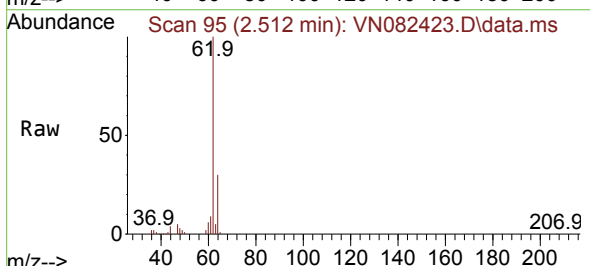
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ClientSampleId :
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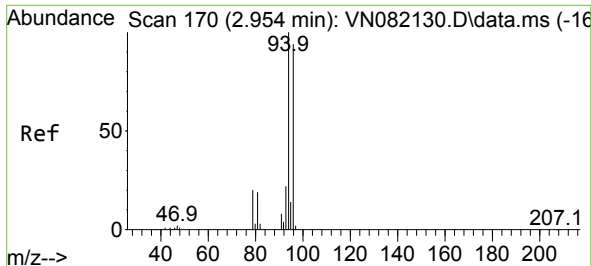
Tgt Ion: 50 Resp: 119601
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



#4
Vinyl Chloride
Concen: 47.038 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 62 Resp: 125517
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0

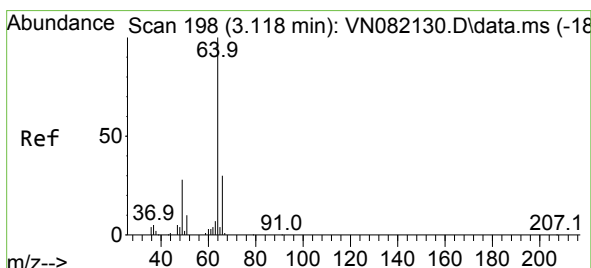
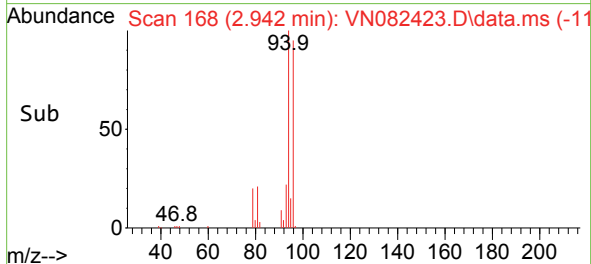
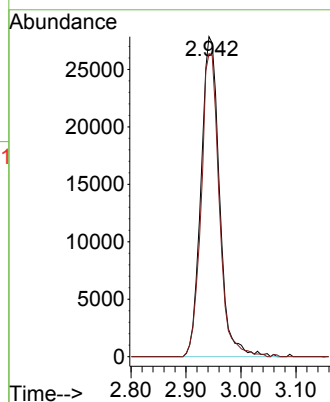
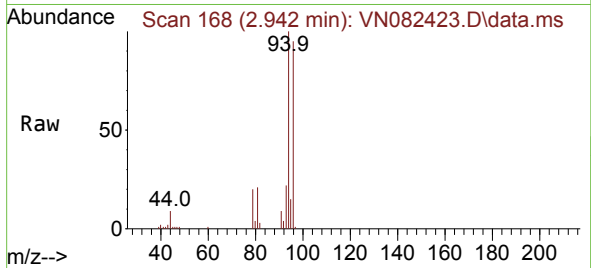




#5
Bromomethane
Concen: 42.435 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

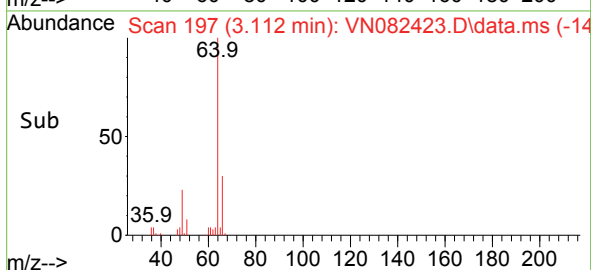
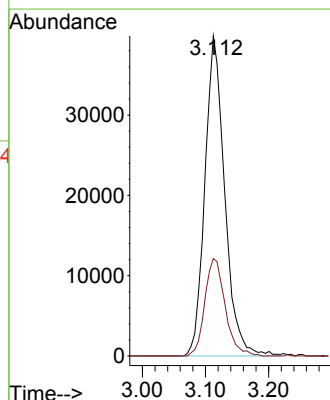
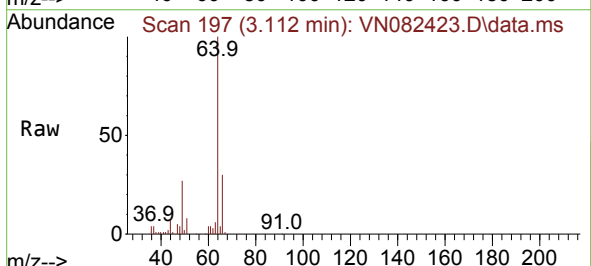
Instrument :
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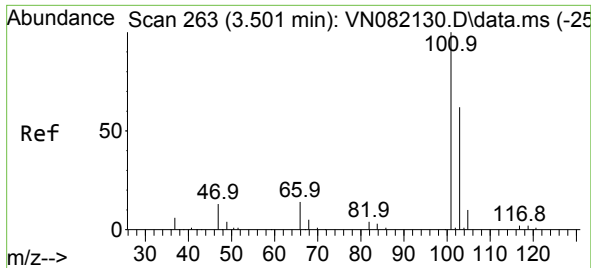
Tgt Ion: 94 Resp: 65086
Ion Ratio Lower Upper
94 100
96 94.7 74.8 112.2



#6
Chloroethane
Concen: 50.004 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 64 Resp: 87125
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1

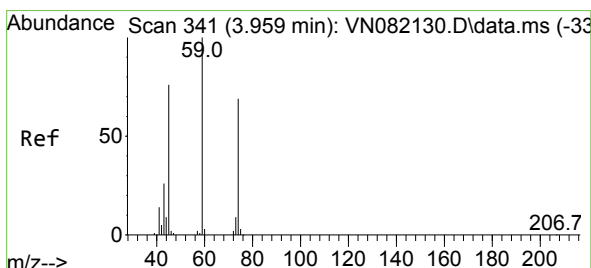
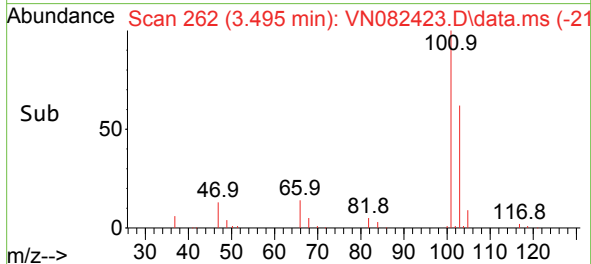
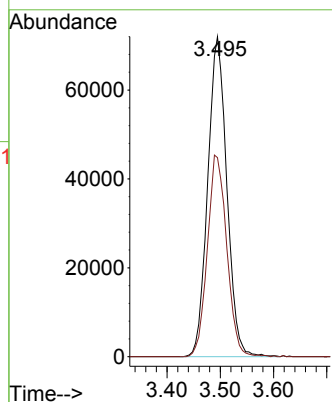
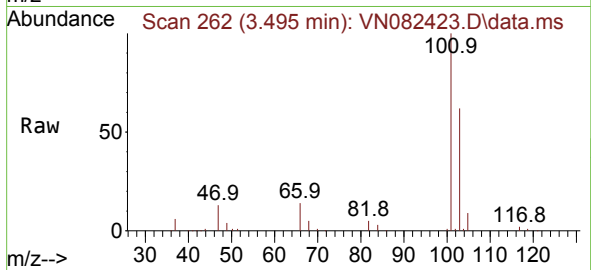




#7
 Trichlorofluoromethane
 Concen: 51.247 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

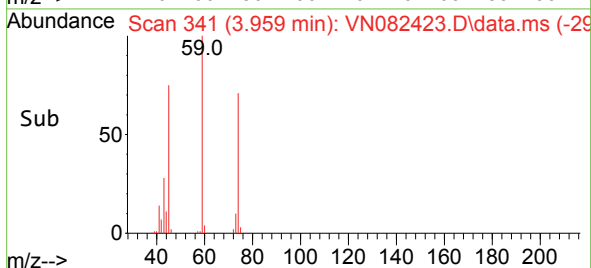
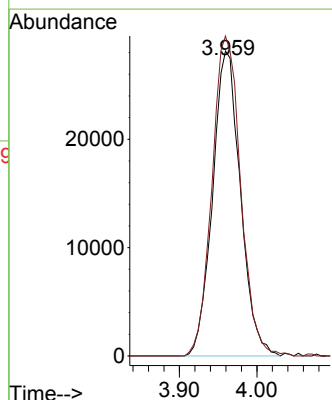
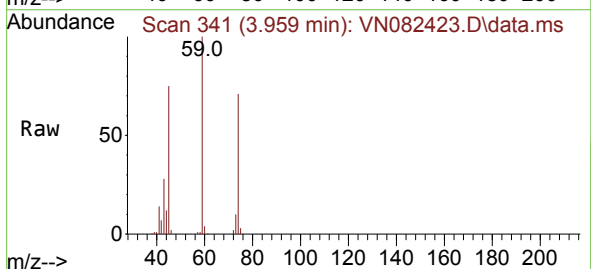
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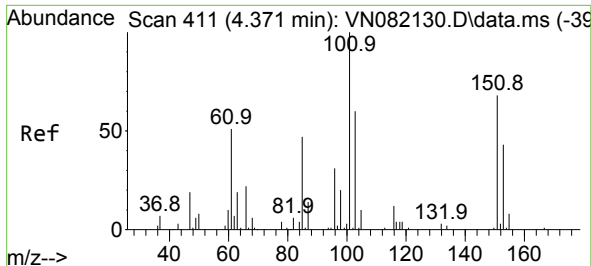
Tgt Ion:101 Resp: 179067
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.6 75.8



#8
 Diethyl Ether
 Concen: 56.412 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

Tgt Ion: 74 Resp: 70221
 Ion Ratio Lower Upper
 74 100
 45 108.1 42.4 127.3

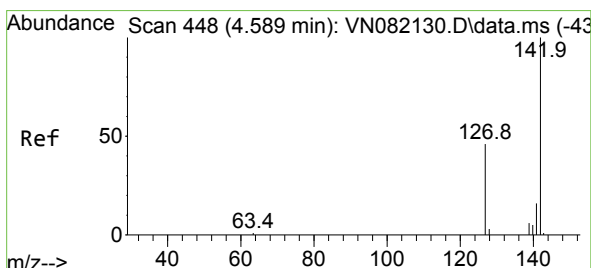
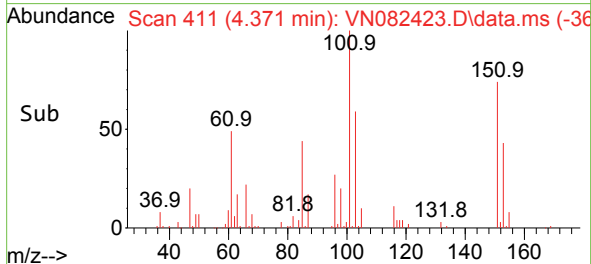
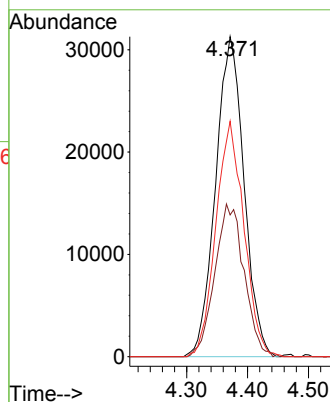
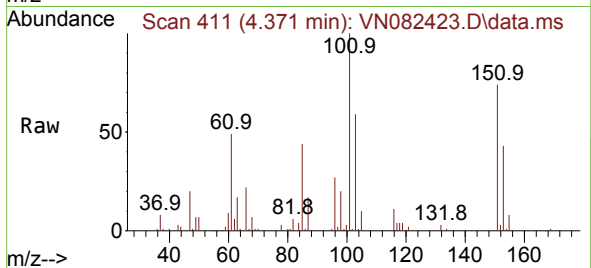




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.694 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082423.D
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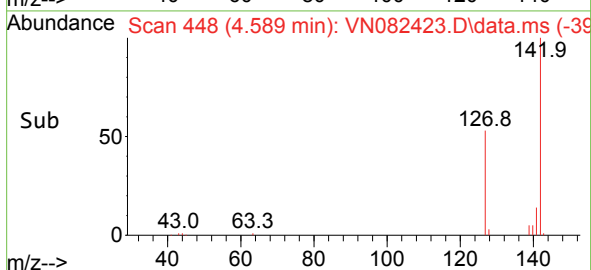
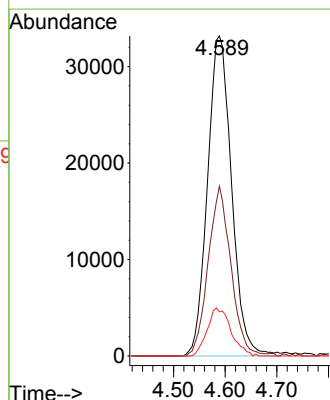
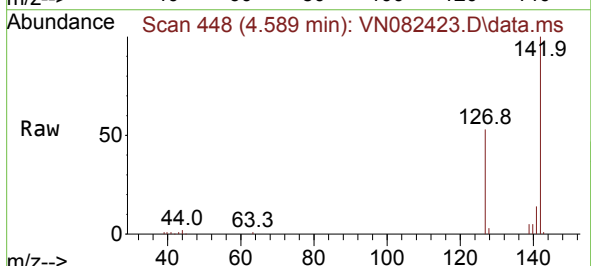
Instrument :
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ClientSampleId :
VSTDCCC050EC

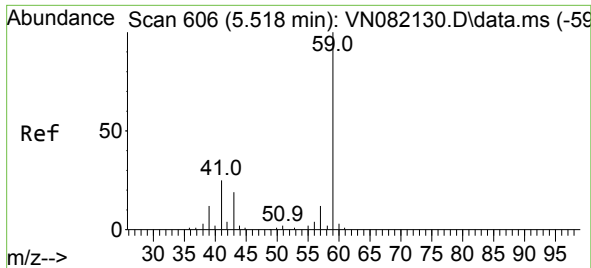
Tgt Ion:101 Resp: 101433
Ion Ratio Lower Upper
101 100
85 49.2 37.3 55.9
151 72.7 59.2 88.8



#10
Methyl Iodide
Concen: 52.343 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:142 Resp: 107407
Ion Ratio Lower Upper
142 100
127 53.1 35.8 53.6
141 13.8 11.4 17.2

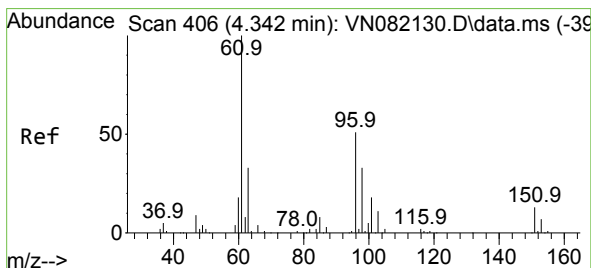
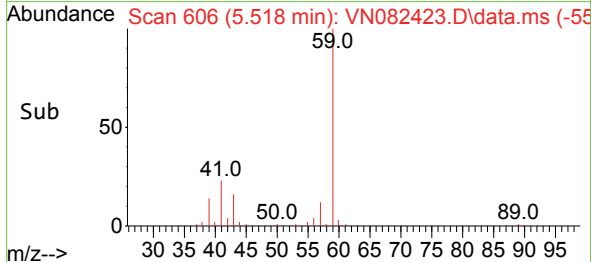
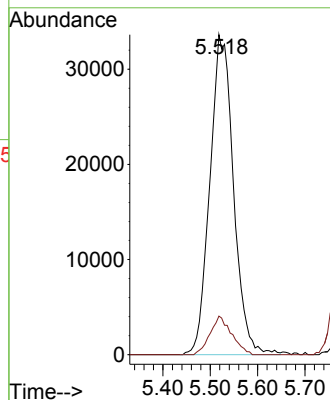
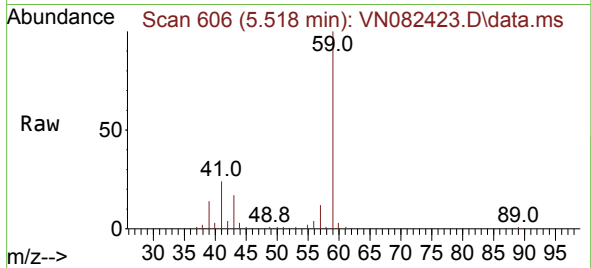




#11
Tert butyl alcohol
Concen: 264.797 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

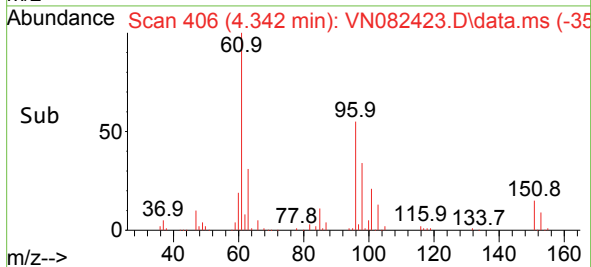
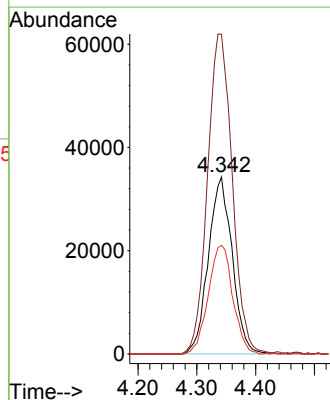
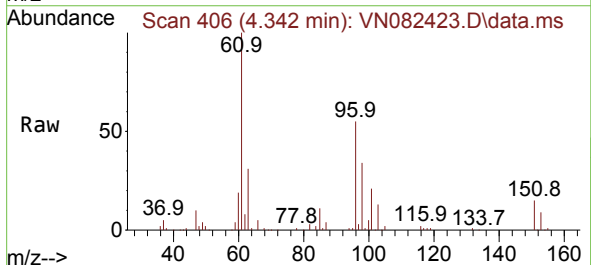
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

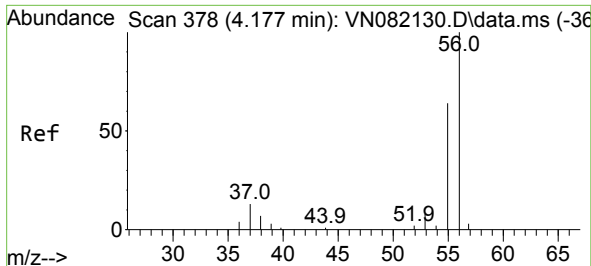
Tgt Ion: 59 Resp: 116594
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 50.961 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 96 Resp: 96683
Ion Ratio Lower Upper
96 100
61 180.6 119.7 179.5#
98 61.4 49.6 74.4

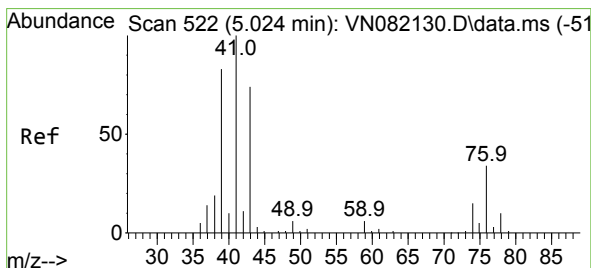
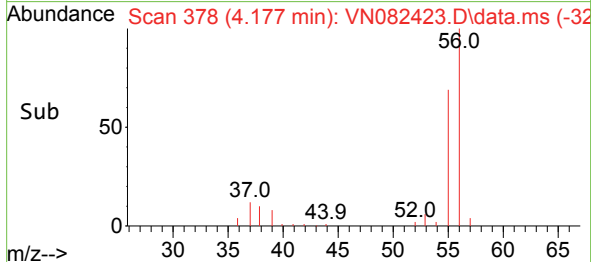
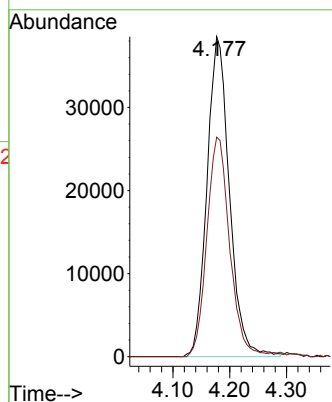
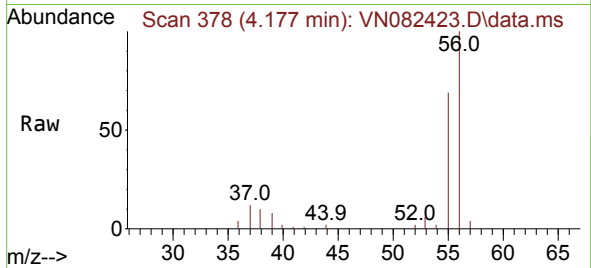




#13
Acrolein
Concen: 323.038 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

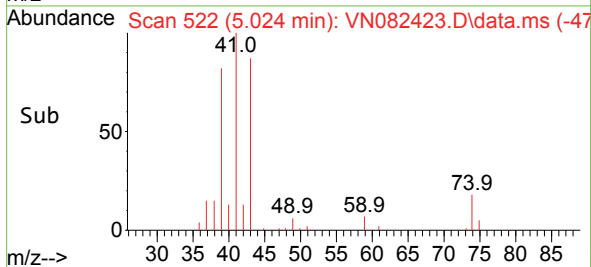
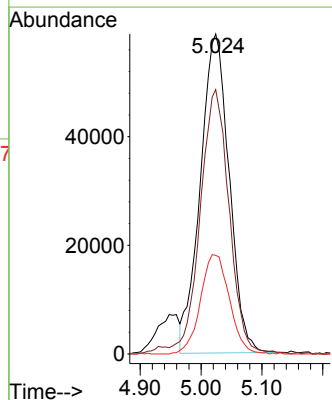
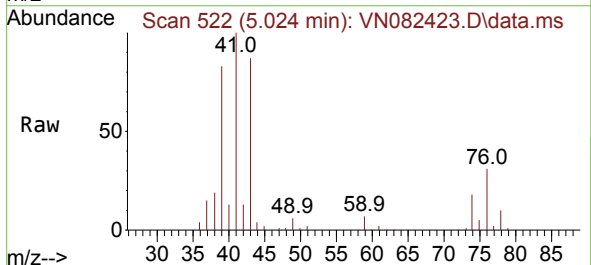
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

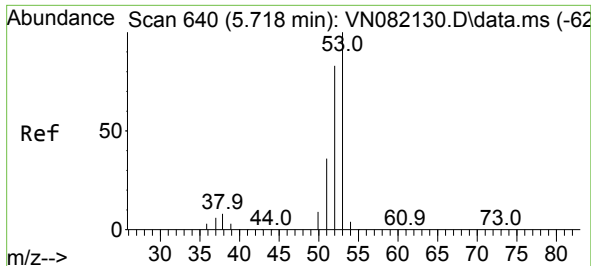
Tgt Ion: 56 Resp: 105404
Ion Ratio Lower Upper
56 100
55 69.5 55.8 83.8



#14
Allyl chloride
Concen: 47.596 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 41 Resp: 193329
Ion Ratio Lower Upper
41 100
39 82.9 65.4 98.0
76 31.2 37.3 55.9#

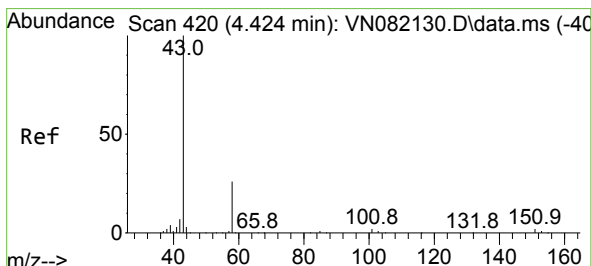
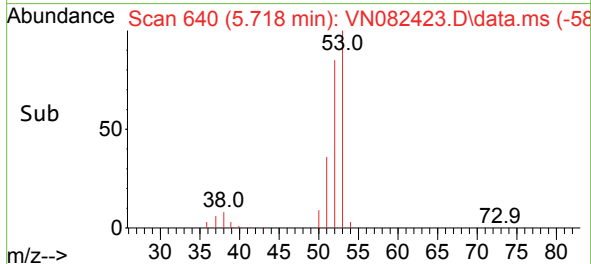
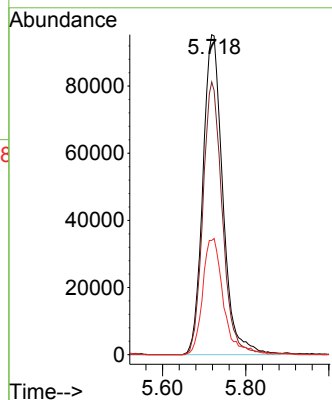
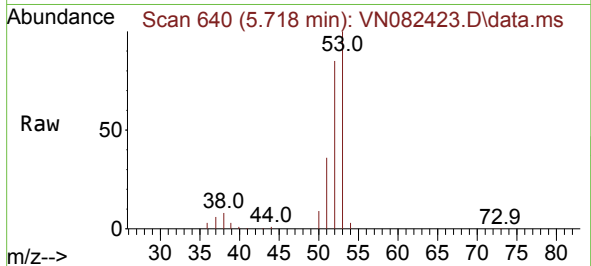




#15
Acrylonitrile
Concen: 278.530 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

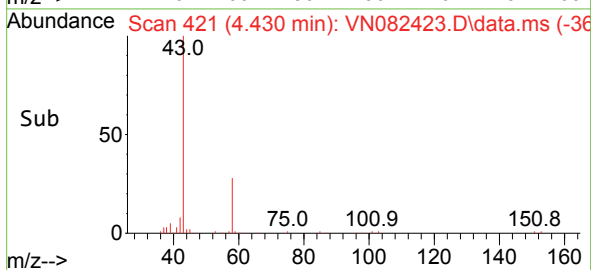
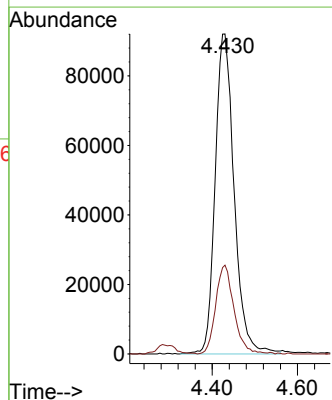
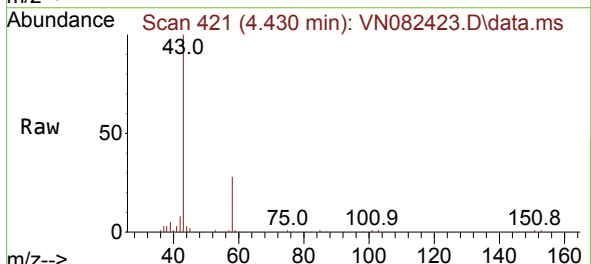
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

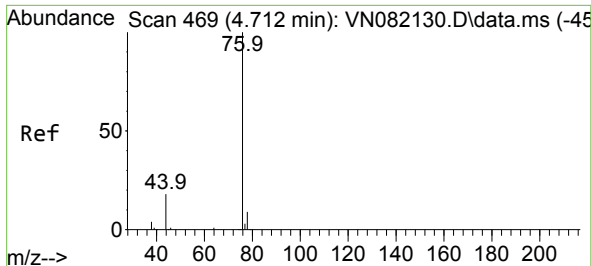
Tgt Ion: 53 Resp: 317626
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.8 29.4 44.2



#16
Acetone
Concen: 252.492 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 43 Resp: 284113
Ion Ratio Lower Upper
43 100
58 27.6 25.2 37.8

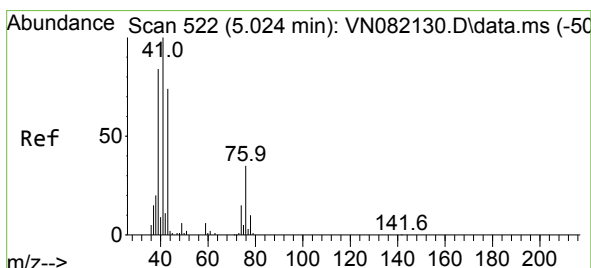
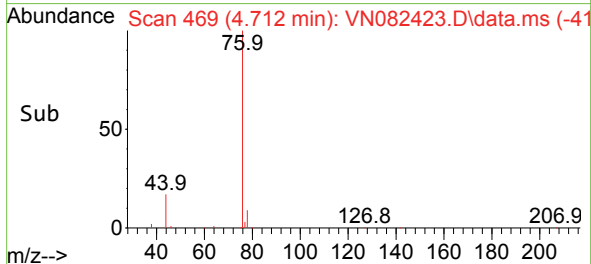
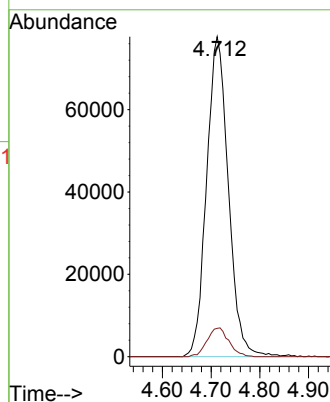
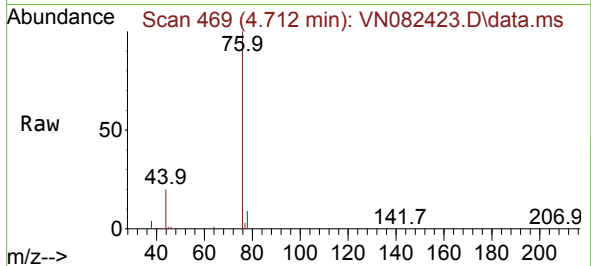




#17
Carbon Disulfide
Concen: 39.292 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

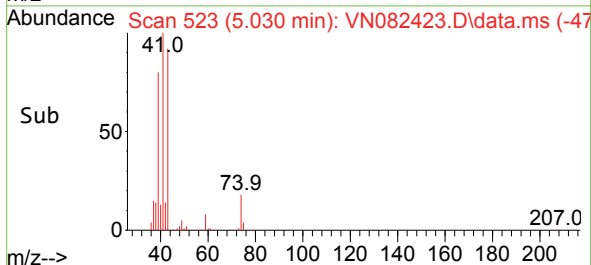
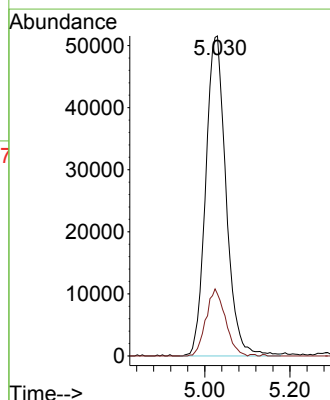
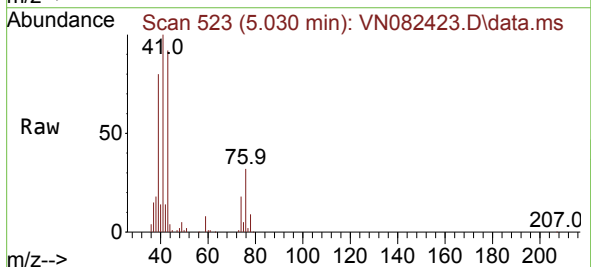
Instrument :
MSVOA_N
ClientSampleId :
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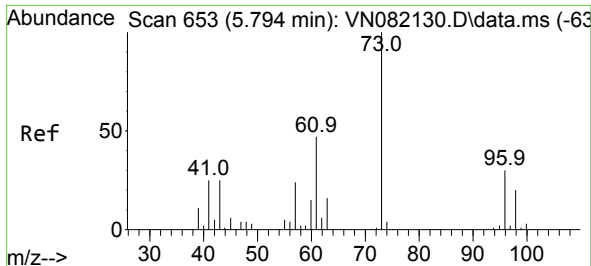
Tgt Ion: 76 Resp: 240763
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 60.907 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 43 Resp: 170678
Ion Ratio Lower Upper
43 100
74 20.0 22.2 33.2#

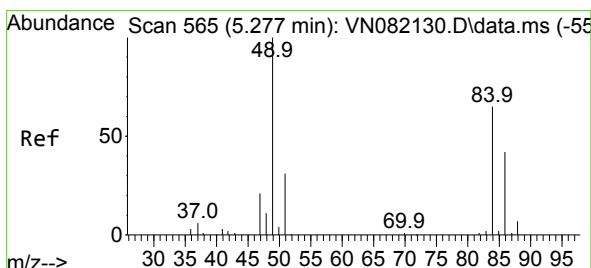
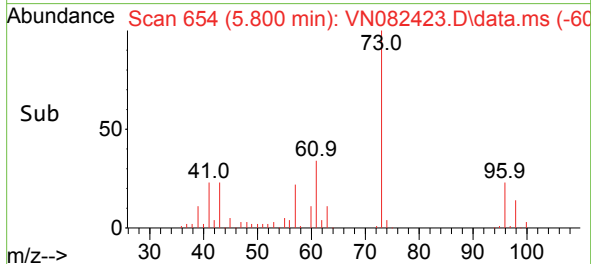
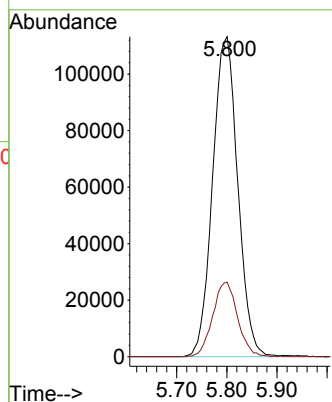
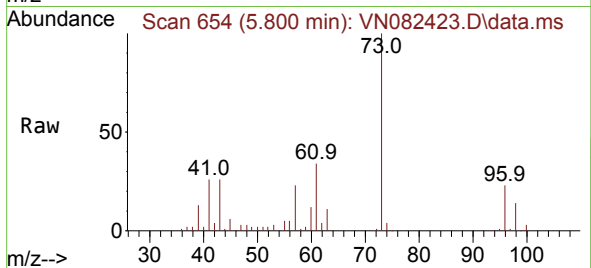




#19
Methyl tert-butyl Ether
Concen: 56.838 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

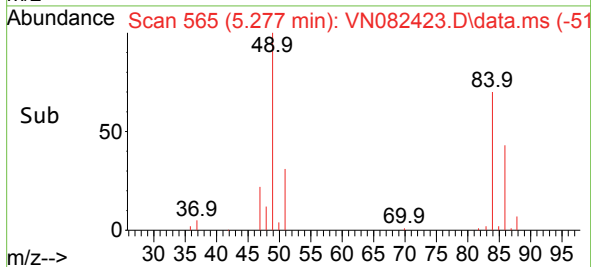
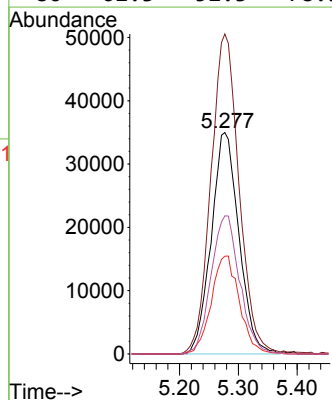
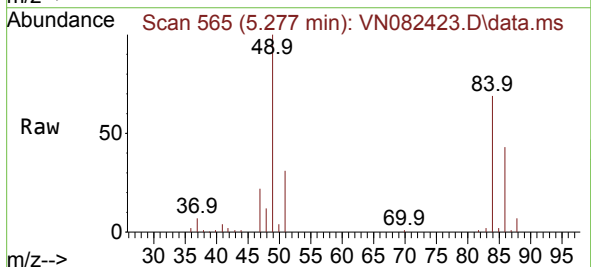
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

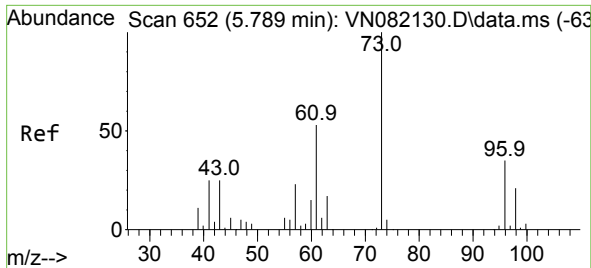
Tgt Ion: 73 Resp: 394146
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7



#20
Methylene Chloride
Concen: 50.402 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 84 Resp: 114426
Ion Ratio Lower Upper
84 100
49 144.5 84.9 127.3#
51 44.1 27.0 40.6#
86 62.3 52.3 78.5

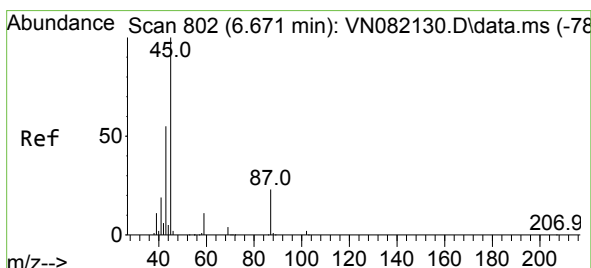
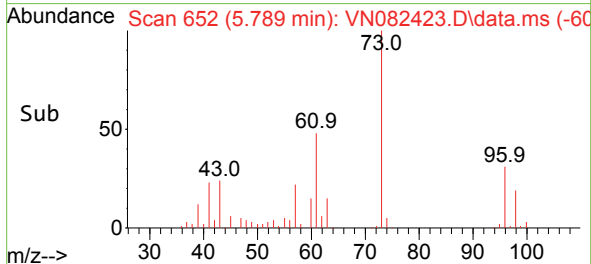
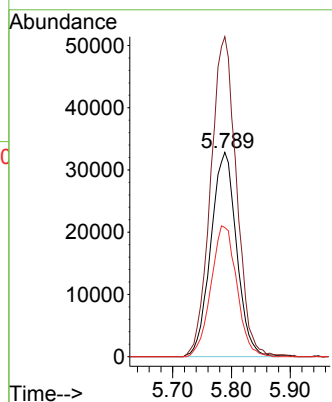
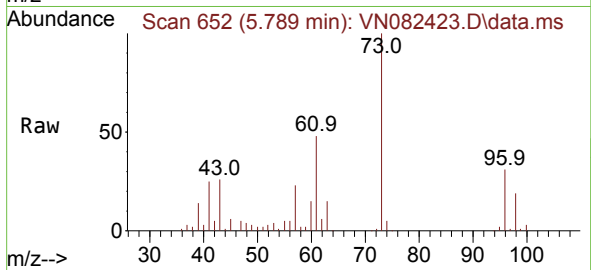




#21
trans-1,2-Dichloroethene
Concen: 48.479 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

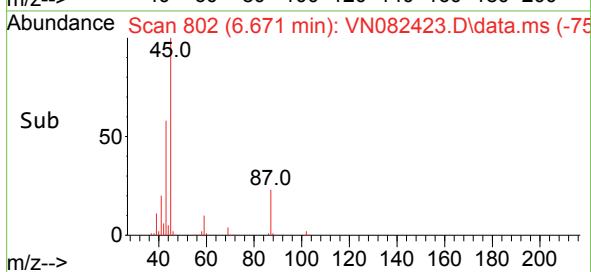
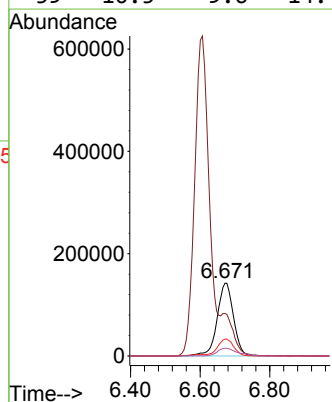
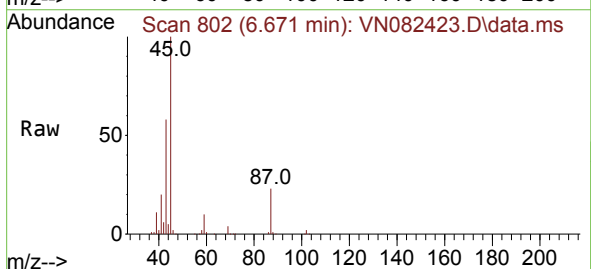
Instrument :
MSVOA_N
ClientSampleId :
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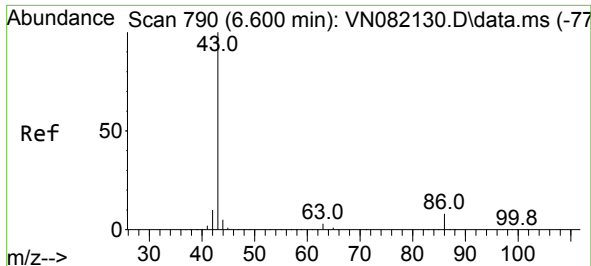
Tgt Ion: 96 Resp: 100229
Ion Ratio Lower Upper
96 100
61 156.6 96.5 144.7#
98 63.2 51.3 76.9



#22
Diisopropyl ether
Concen: 54.673 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 45 Resp: 463719
Ion Ratio Lower Upper
45 100
43 57.8 44.1 66.1
87 23.0 27.0 40.6#
59 10.5 9.6 14.4

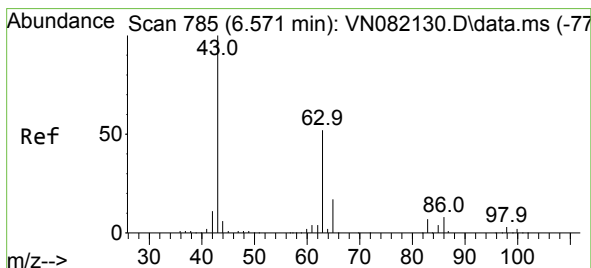
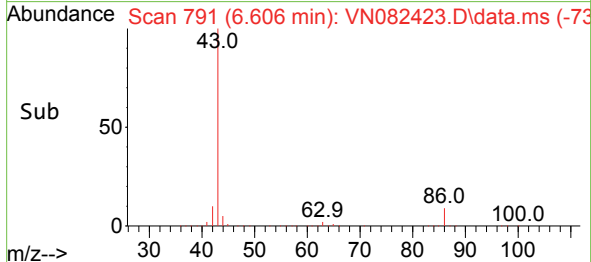
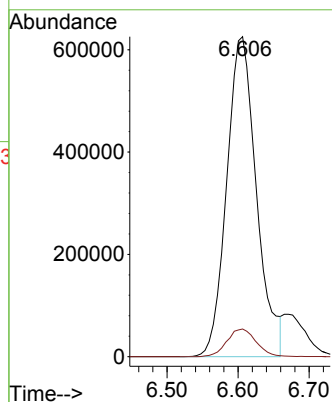
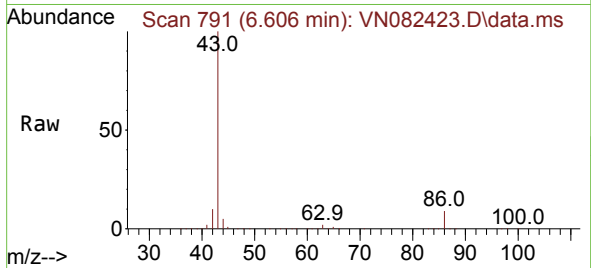




#23
 Vinyl Acetate
 Concen: 272.414 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

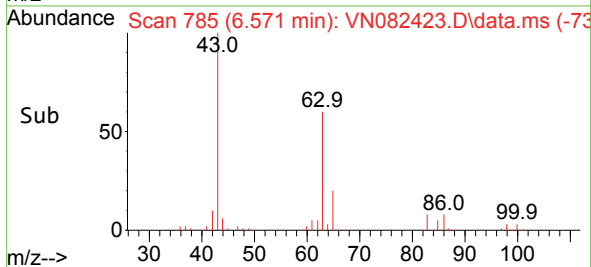
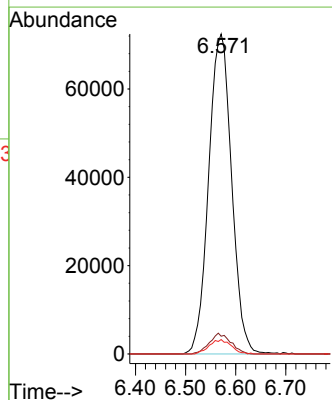
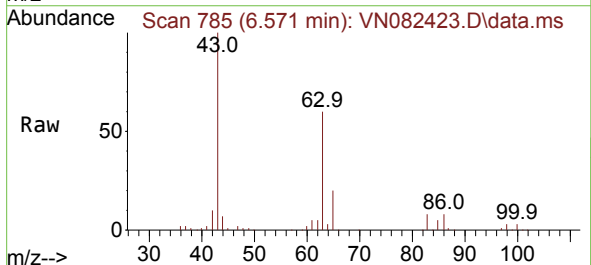
Instrument :
 MSVOA_N
 ClientSampleId :
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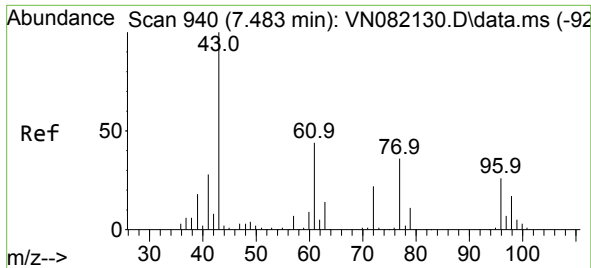
Tgt Ion: 43 Resp: 1821695
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 52.705 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

Tgt Ion: 63 Resp: 230413
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 4.5 2.6 7.8

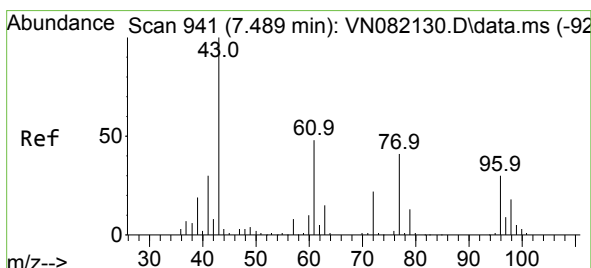
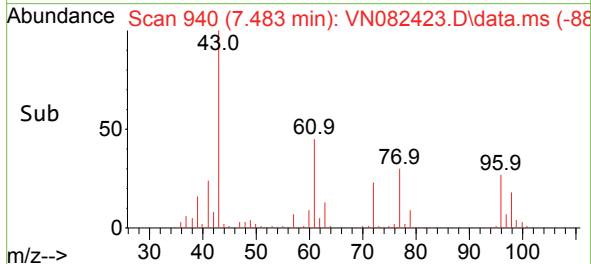
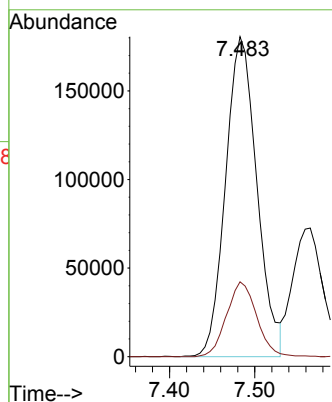
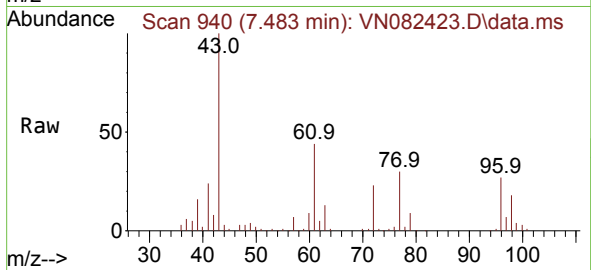




#25
2-Butanone
Concen: 270.816 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

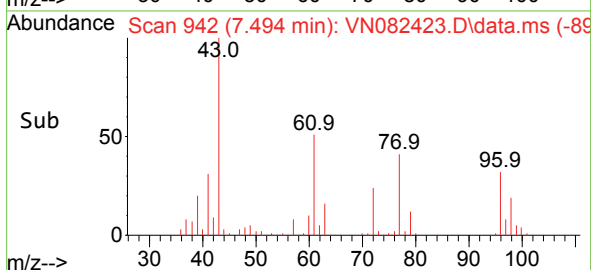
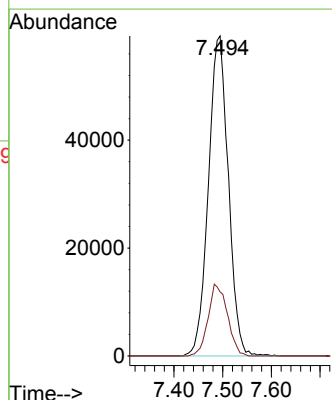
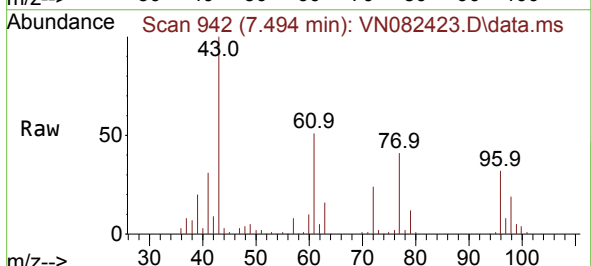
Instrument :
MSVOA_N
ClientSampleId :
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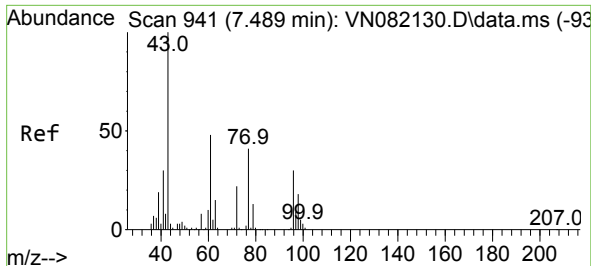
Tgt Ion: 43 Resp: 462021
Ion Ratio Lower Upper
43 100
72 23.4 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 45.948 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 77 Resp: 168249
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.9

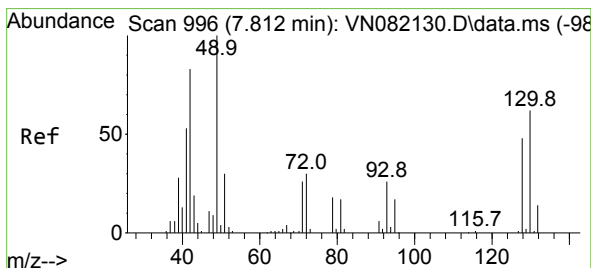
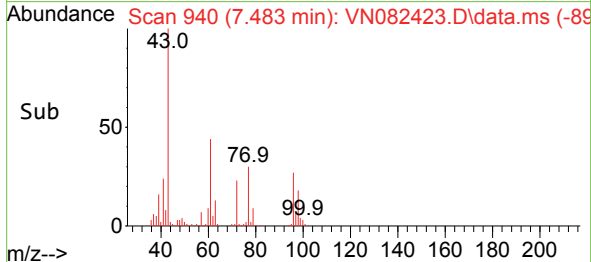
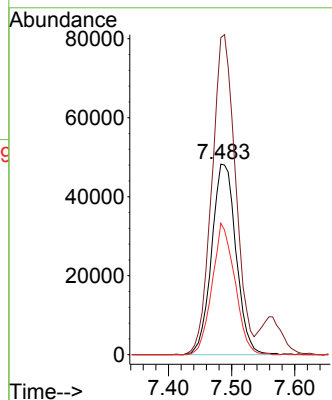
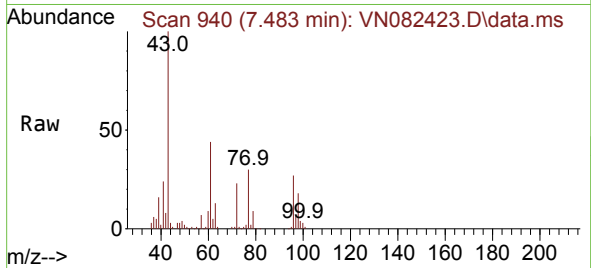




#27
 cis-1,2-Dichloroethene
 Concen: 53.198 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

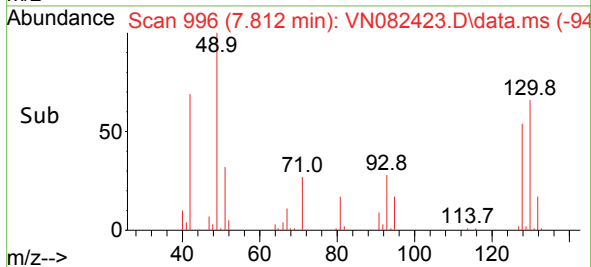
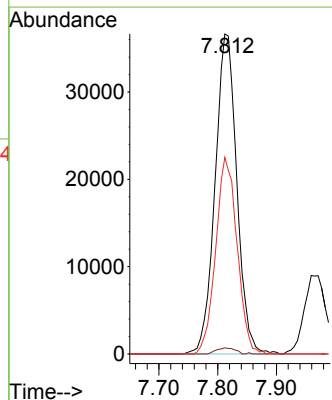
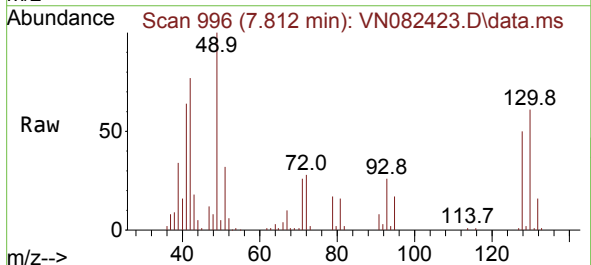
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

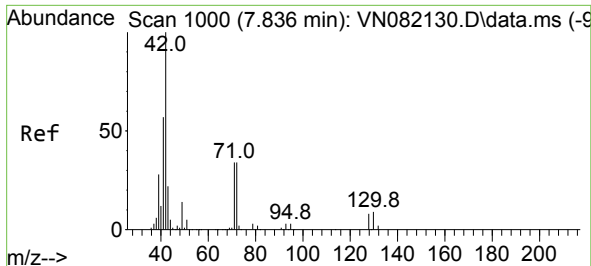
Tgt Ion: 96 Resp: 129800
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 268.0
 98 64.1 0.0 126.8



#28
 Bromochloromethane
 Concen: 49.589 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

Tgt Ion: 49 Resp: 94256
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 60.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 277.957 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

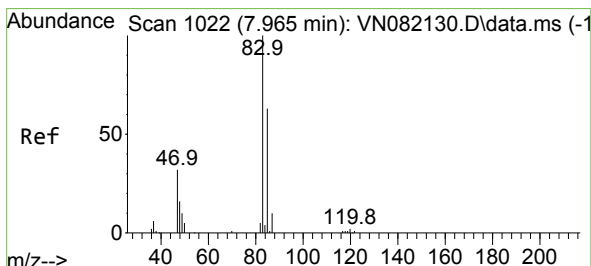
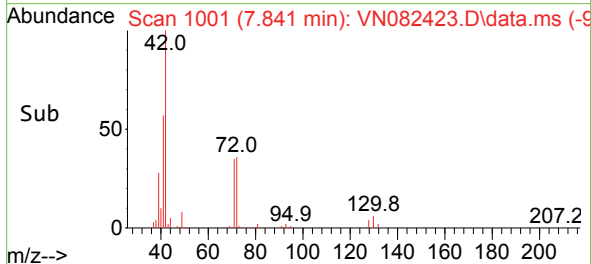
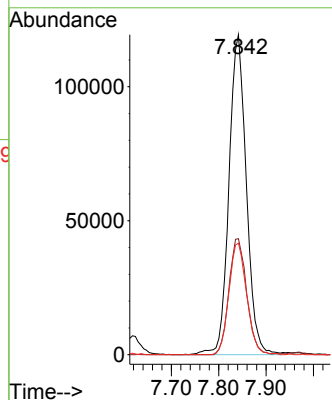
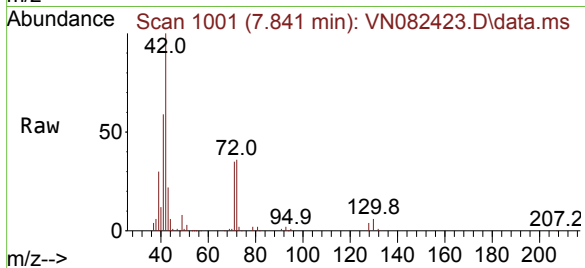
Tgt Ion: 42 Resp: 304466

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9#

71 35.7 37.4 56.0#



#30

Chloroform

Concen: 55.120 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082423.D

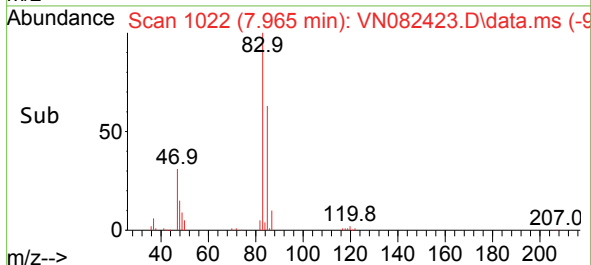
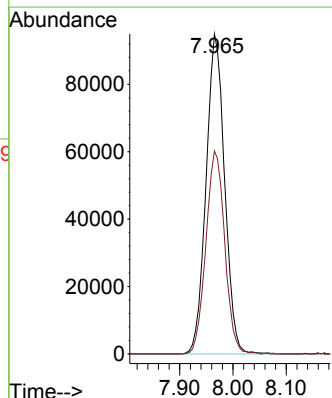
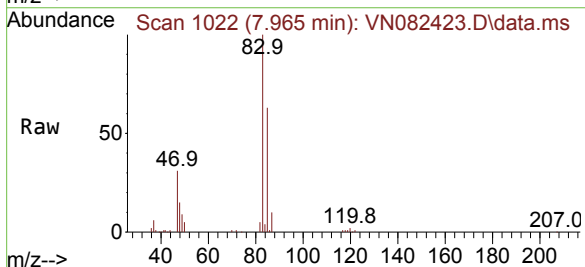
Acq: 31 May 2024 21:12

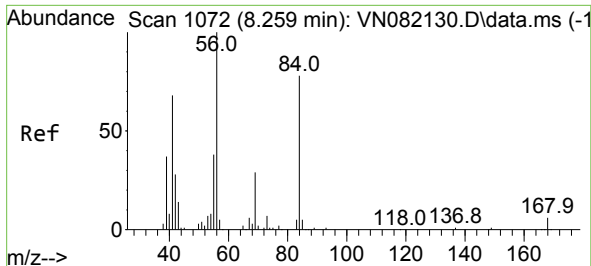
Tgt Ion: 83 Resp: 230113

Ion Ratio Lower Upper

83 100

85 63.5 50.7 76.1

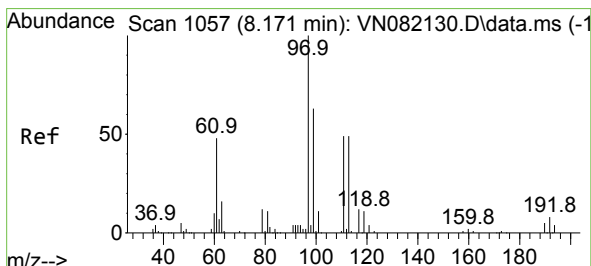
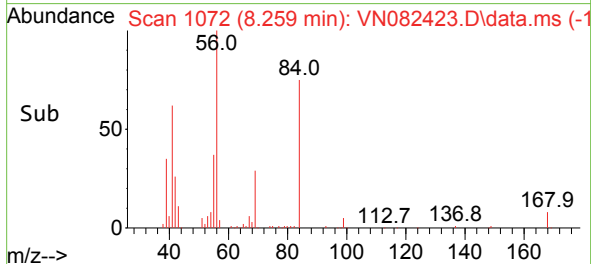
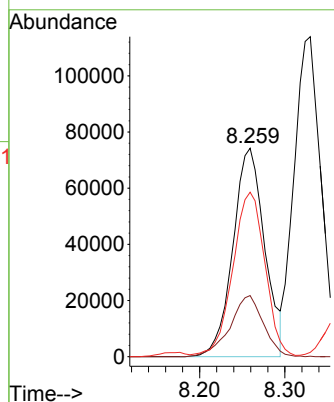
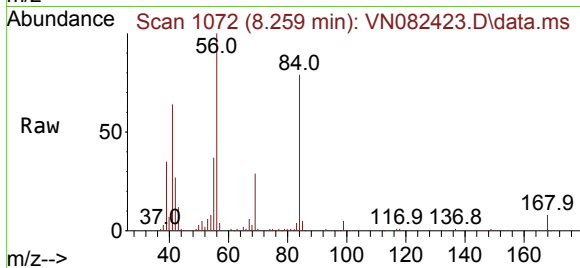




#31
Cyclohexane
Concen: 43.841 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

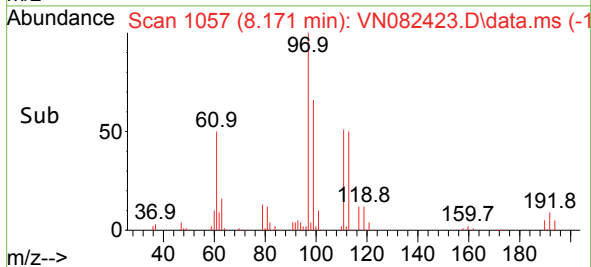
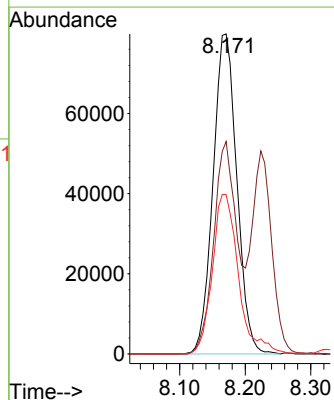
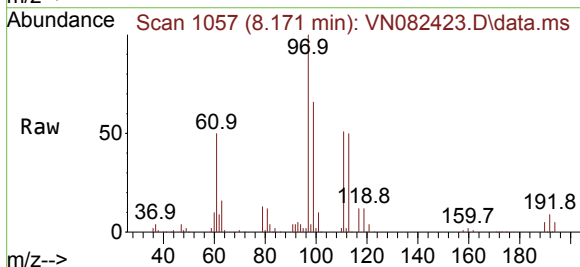
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

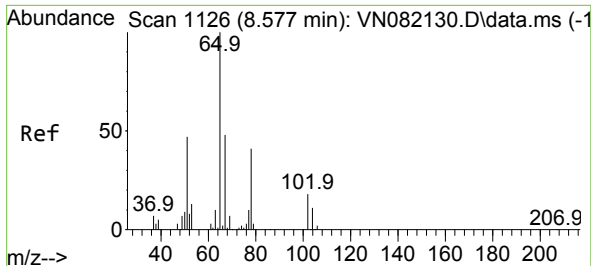
Tgt Ion: 56 Resp: 192071
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 76.8 77.0 115.4#



#32
1,1,1-Trichloroethane
Concen: 54.253 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 97 Resp: 200939
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 54.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.761 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

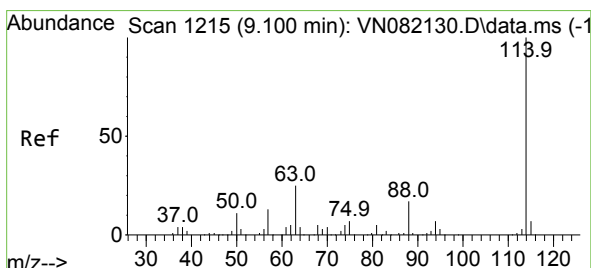
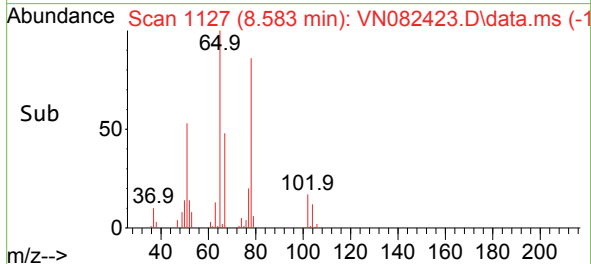
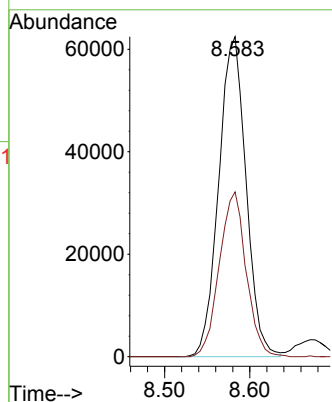
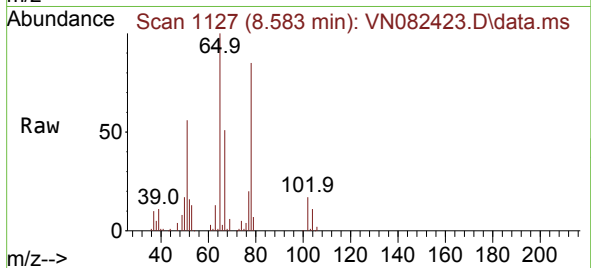
VSTDCCC050EC

Tgt Ion: 65 Resp: 139238

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

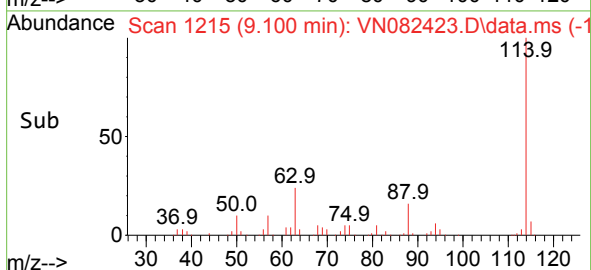
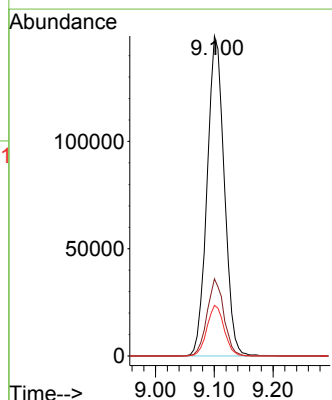
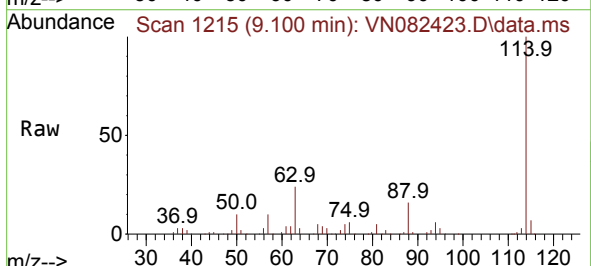
Tgt Ion: 114 Resp: 303047

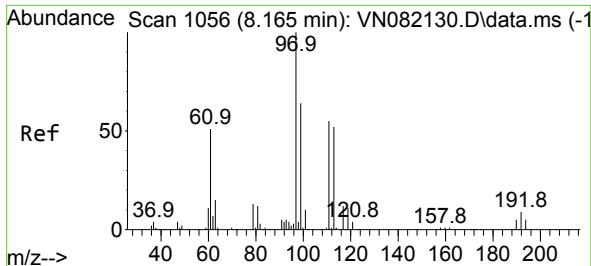
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.8 0.0 31.4

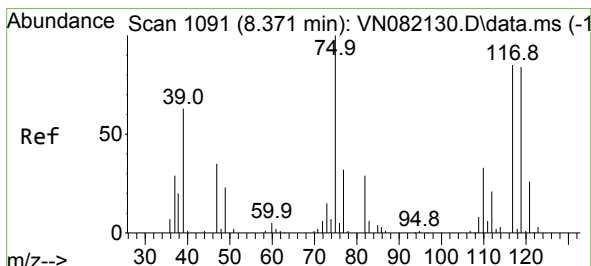
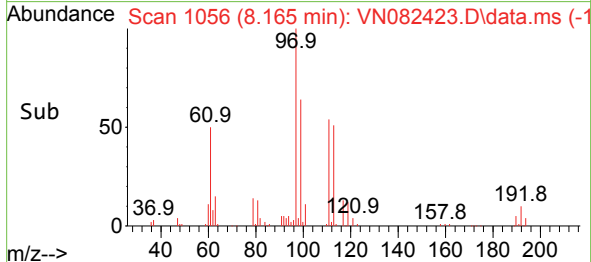
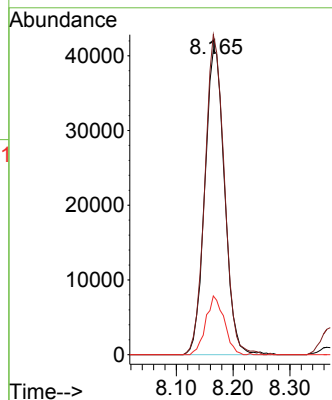
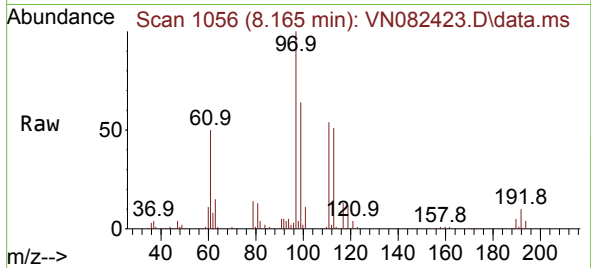




#35
Dibromofluoromethane
Concen: 53.042 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

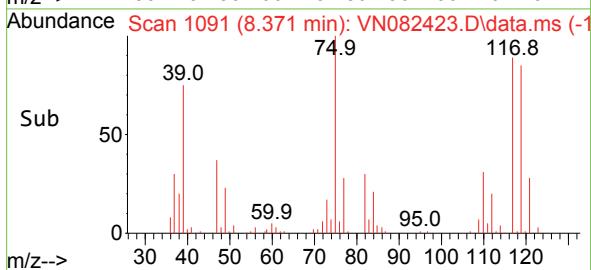
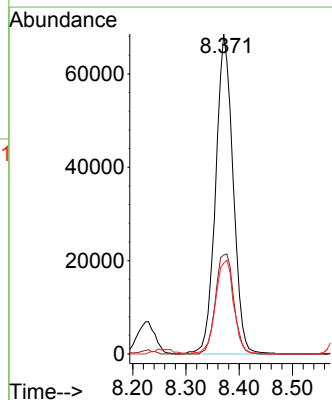
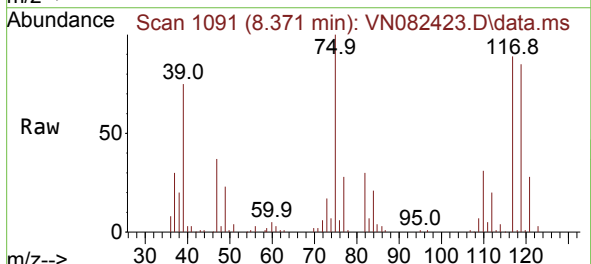
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

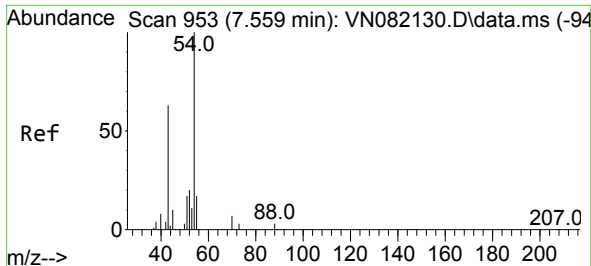
Tgt Ion:113 Resp: 98881
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 17.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 49.761 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 75 Resp: 155580
Ion Ratio Lower Upper
75 100
110 32.7 17.8 53.5
77 30.6 25.0 37.4

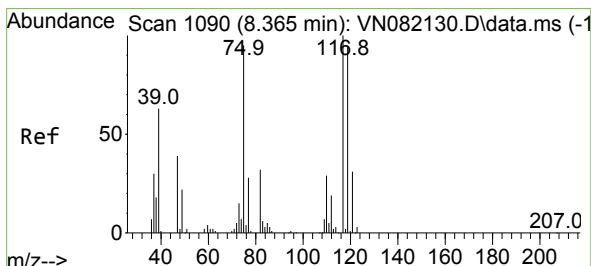
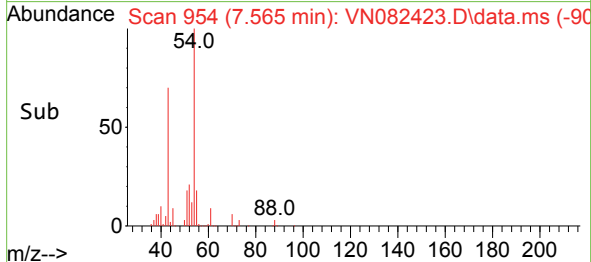
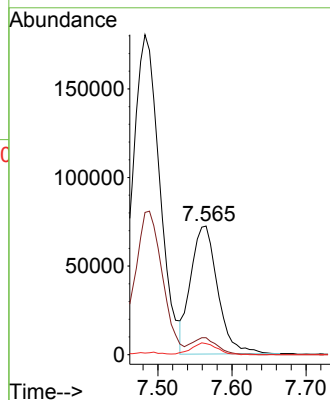
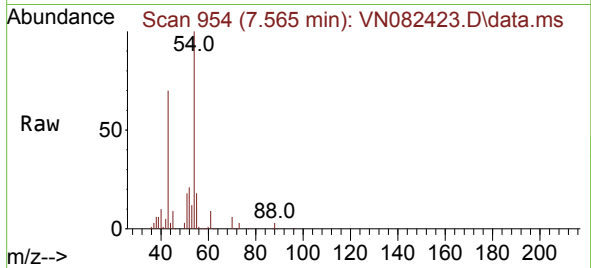




#37
Ethyl Acetate
Concen: 52.153 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

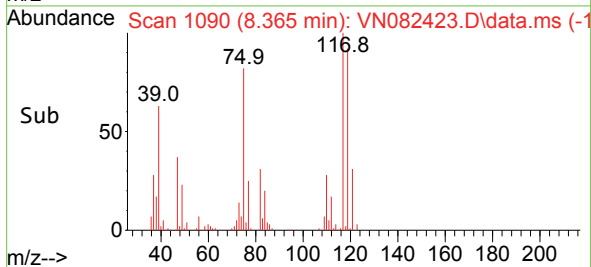
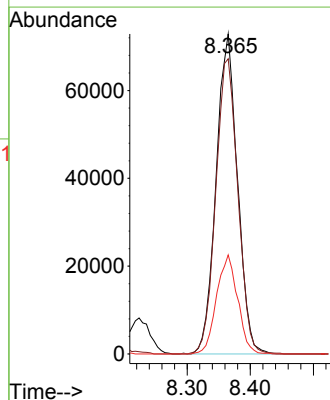
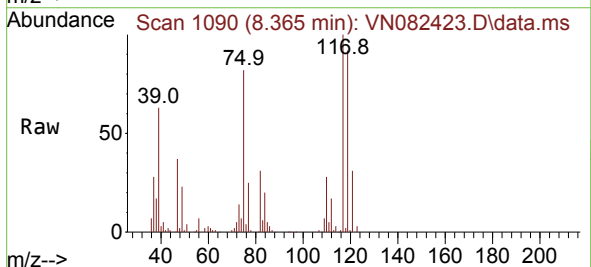
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

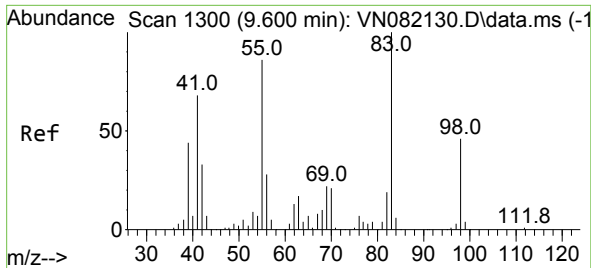
Tgt Ion: 43 Resp: 182484
Ion Ratio Lower Upper
43 100
61 12.7 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 54.139 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 117 Resp: 171589
Ion Ratio Lower Upper
117 100
119 92.3 76.5 114.7
121 30.9 23.9 35.9

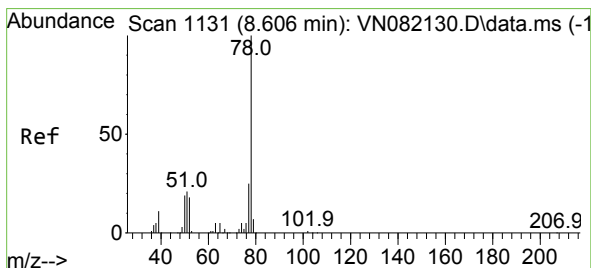
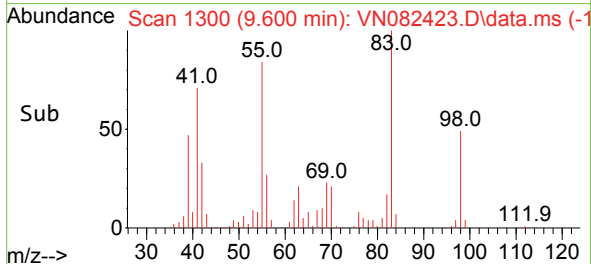
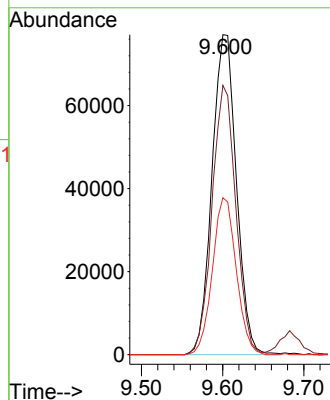
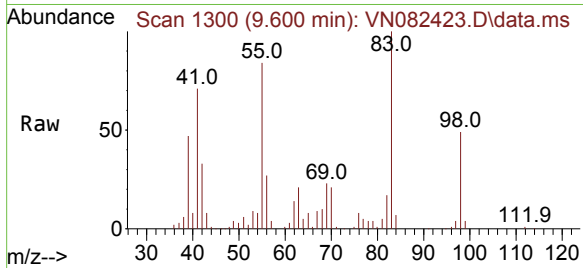




#39
Methylcyclohexane
Concen: 47.033 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

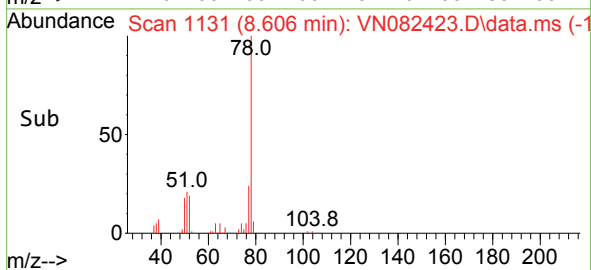
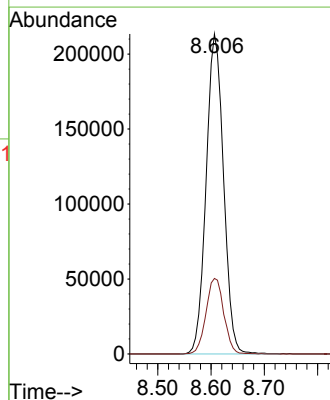
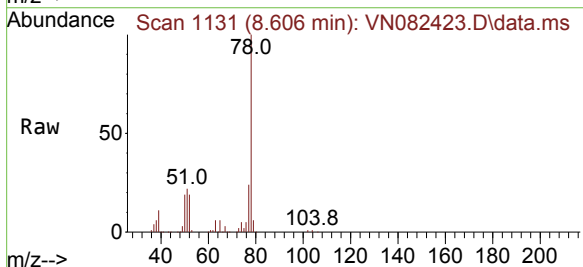
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

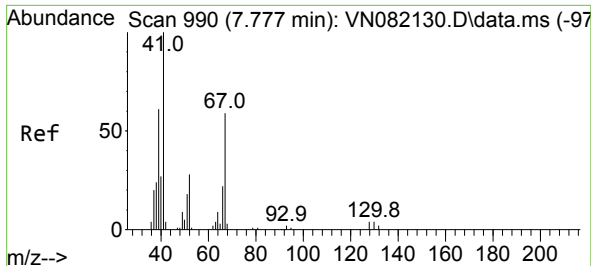
Tgt Ion: 83 Resp: 161189
Ion Ratio Lower Upper
83 100
55 84.2 53.0 79.6#
98 49.1 37.1 55.7



#40
Benzene
Concen: 51.870 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

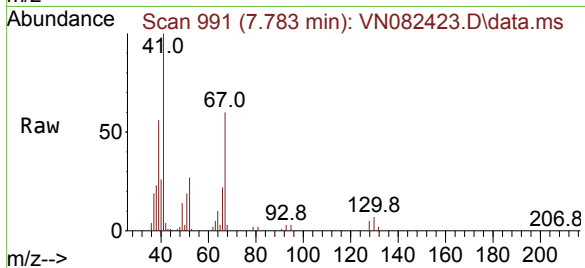
Tgt Ion: 78 Resp: 483604
Ion Ratio Lower Upper
78 100
77 23.6 20.0 30.0



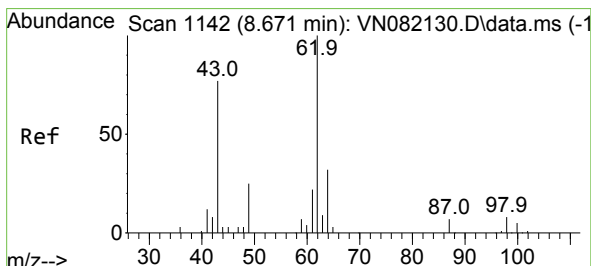
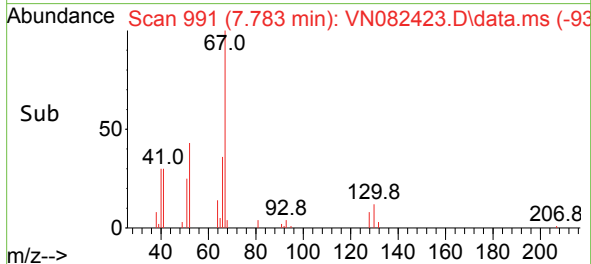
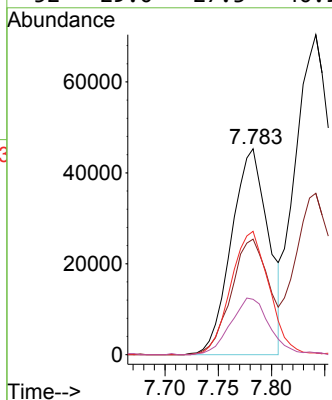


#41
Methacrylonitrile
Concen: 53.435 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

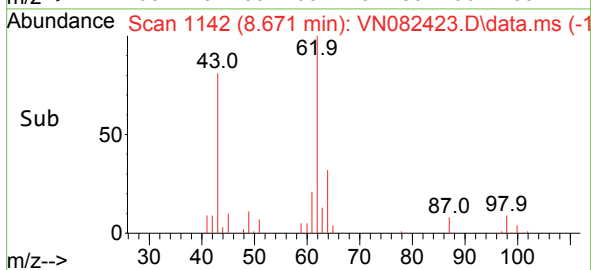
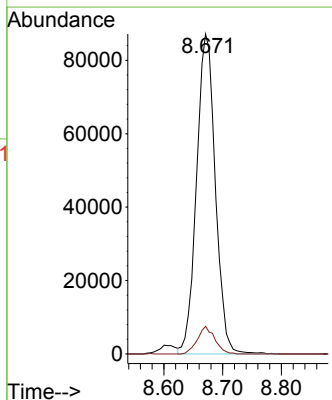
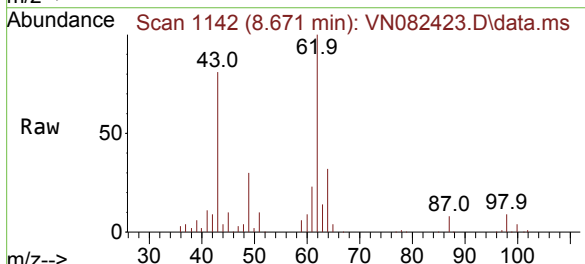


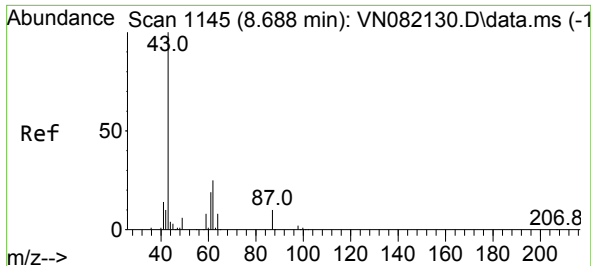
Tgt Ion:	41	Resp:	109960
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.6	69.8
67	62.0	67.3	100.9
52	29.0	27.3	40.9



#42
1,2-Dichloroethane
Concen: 53.986 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:	62	Resp:	193583
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.6

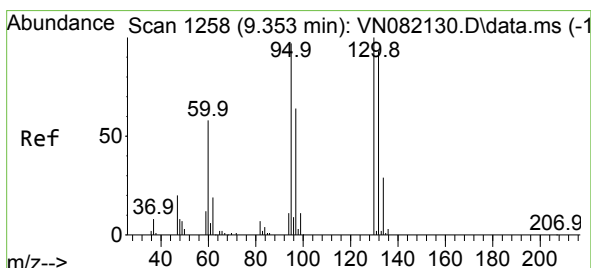
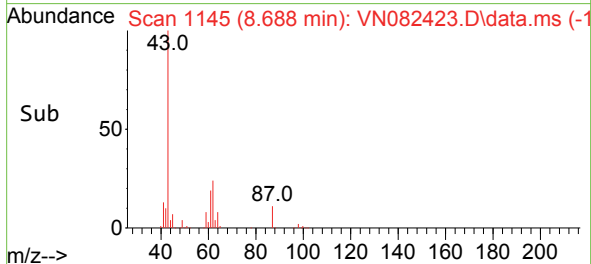
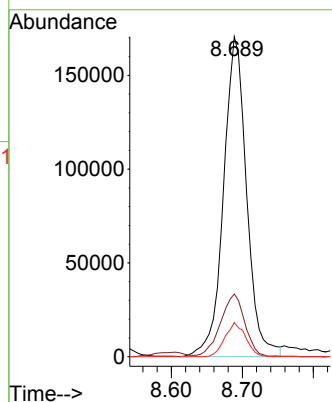
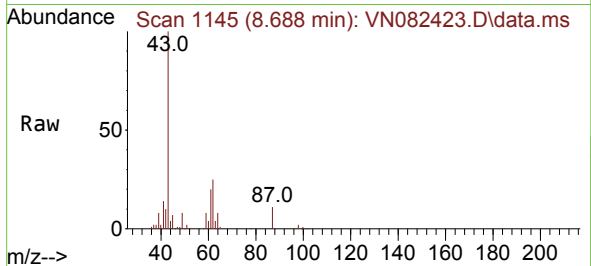




#43
Isopropyl Acetate
Concen: 62.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

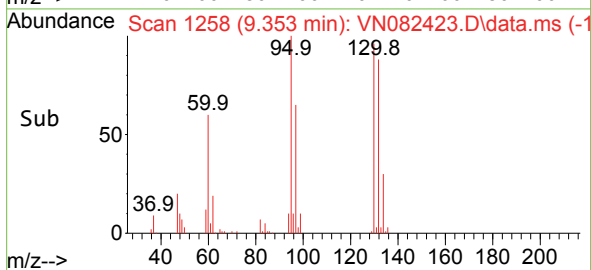
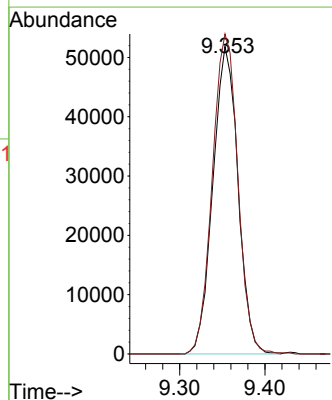
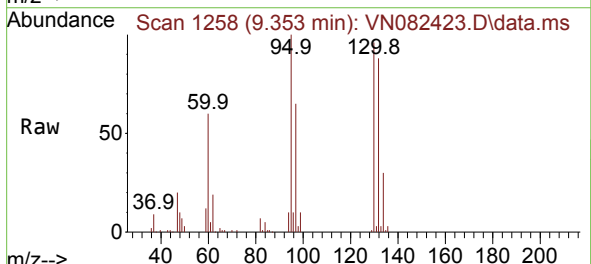
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

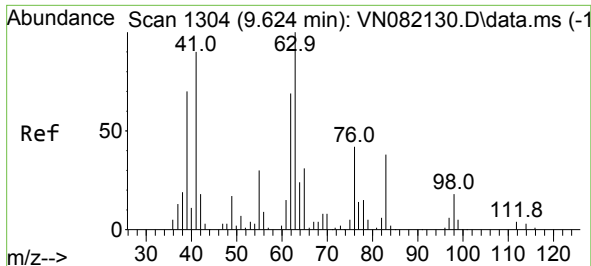
Tgt Ion: 43 Resp: 385701
Ion Ratio Lower Upper
43 100
61 20.8 22.8 34.2#
87 9.5 12.0 18.0#



#44
Trichloroethene
Concen: 50.109 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:130 Resp: 106124
Ion Ratio Lower Upper
130 100
95 104.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 52.280 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

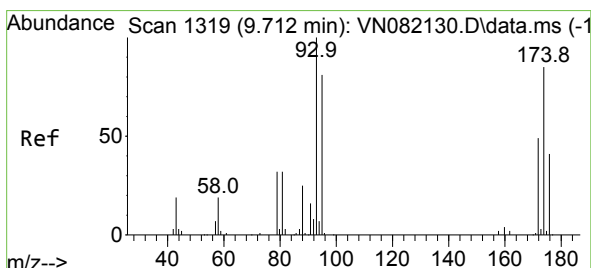
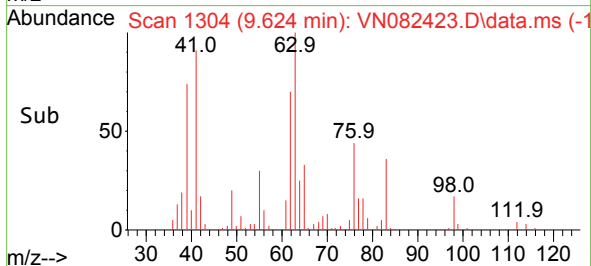
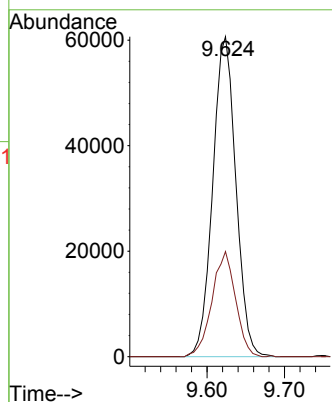
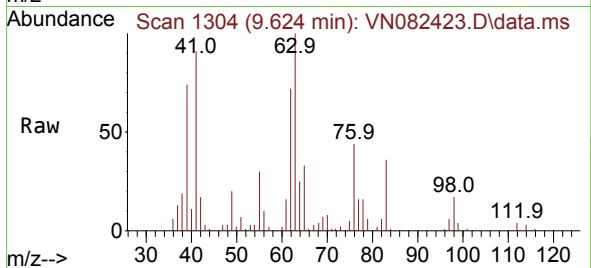
VSTDCCC050EC

Tgt Ion: 63 Resp: 125763

Ion Ratio Lower Upper

63 100

65 32.8 24.1 36.1



#46

Dibromomethane

Concen: 54.023 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

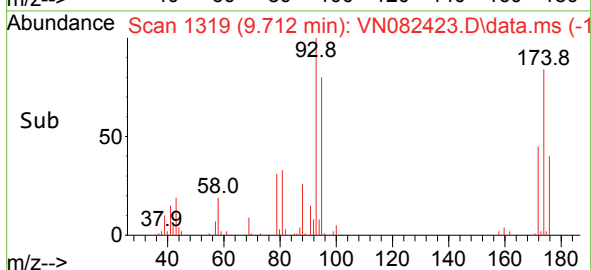
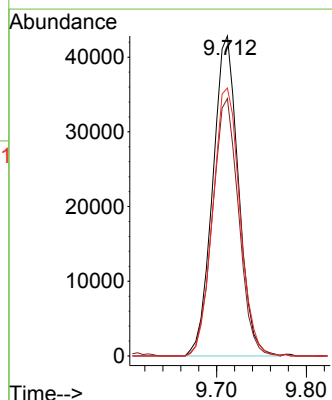
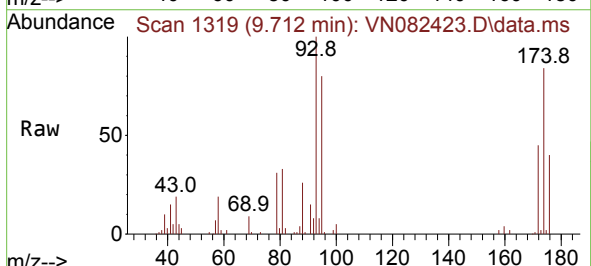
Tgt Ion: 93 Resp: 85319

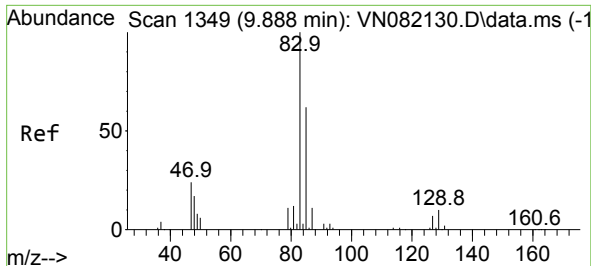
Ion Ratio Lower Upper

93 100

95 81.8 64.8 97.2

174 87.9 73.4 110.0

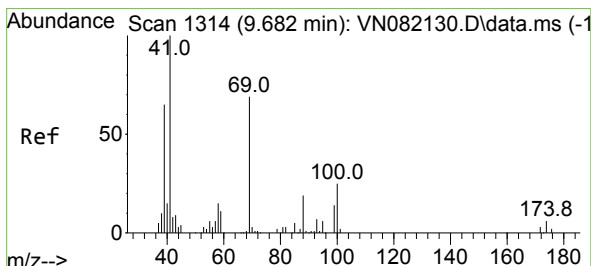
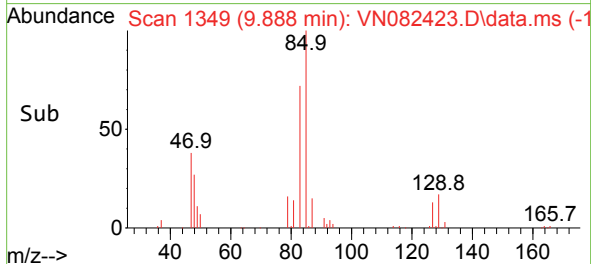
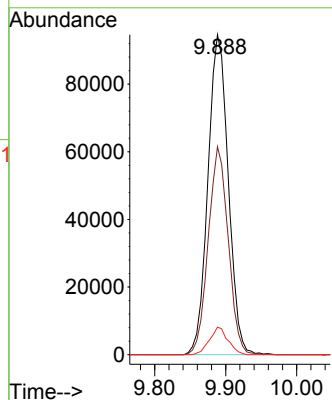
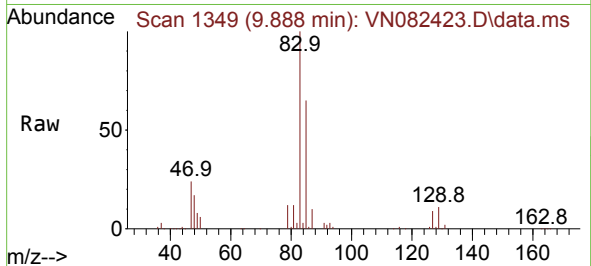




#47
Bromodichloromethane
Concen: 56.515 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

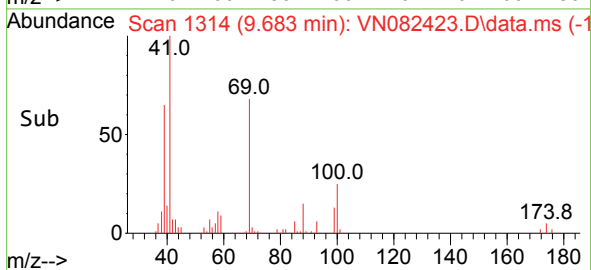
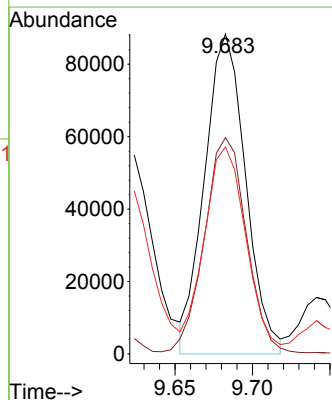
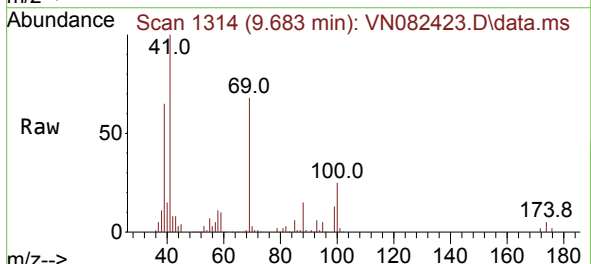
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

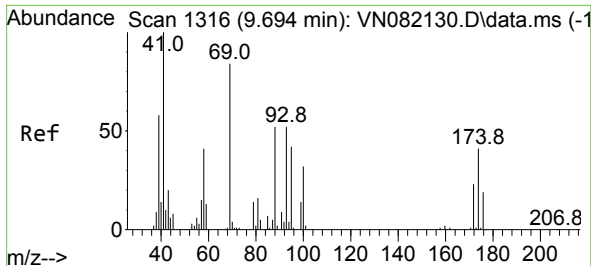
Tgt Ion: 83 Resp: 188426
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 8.6 7.5 11.3



#48
Methyl methacrylate
Concen: 55.004 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 41 Resp: 162498
Ion Ratio Lower Upper
41 100
69 70.1 77.9 116.9#
39 66.4 50.9 76.3





#49

1,4-Dioxane

Concen: 1148.197 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

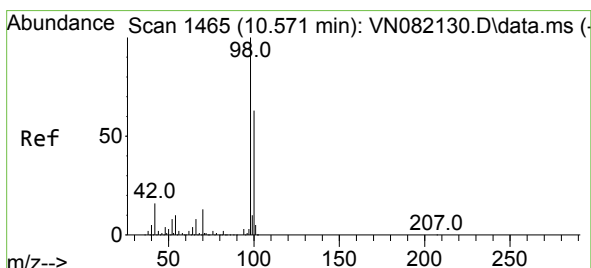
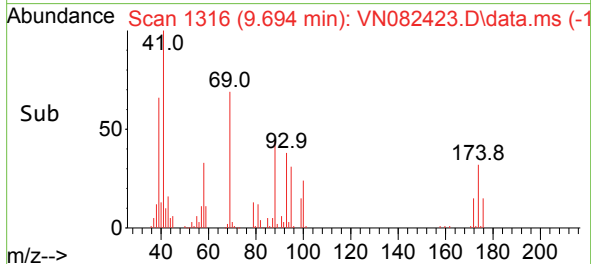
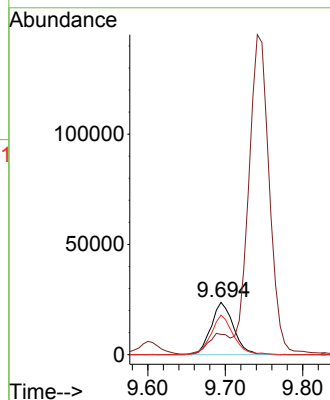
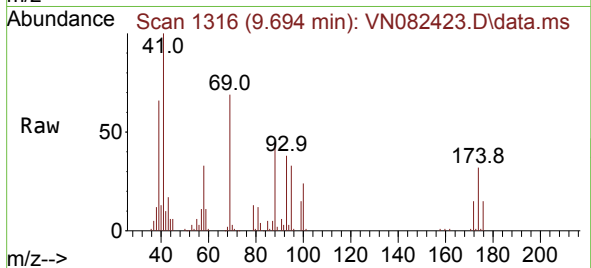
Tgt Ion: 88 Resp: 47533

Ion Ratio Lower Upper

88 100

43 37.3 19.0 28.6#

58 75.3 50.6 76.0



#50

Toluene-d8

Concen: 50.190 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082423.D

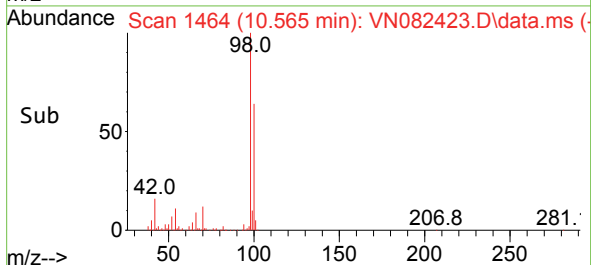
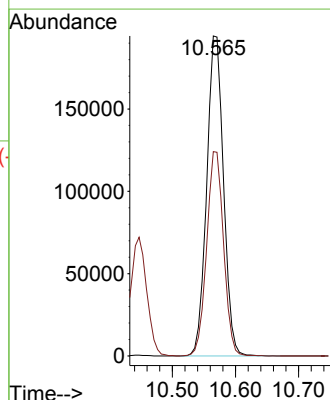
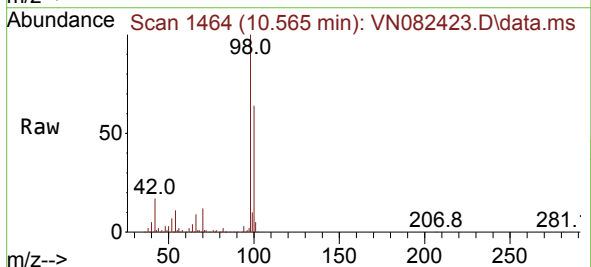
Acq: 31 May 2024 21:12

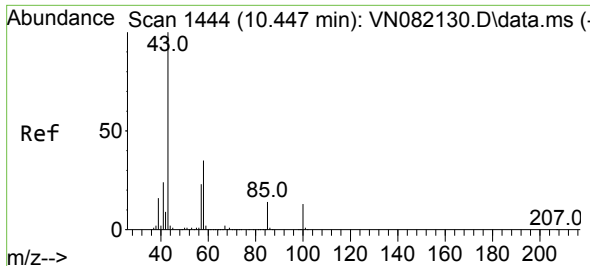
Tgt Ion: 98 Resp: 358721

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

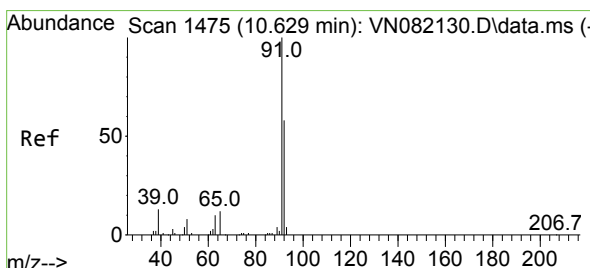
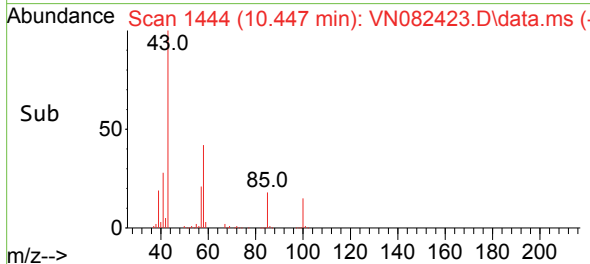
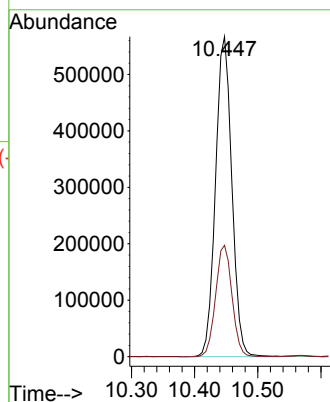
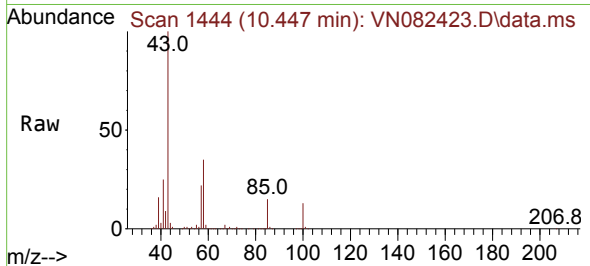




#51
4-Methyl-2-Pentanone
Concen: 288.626 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

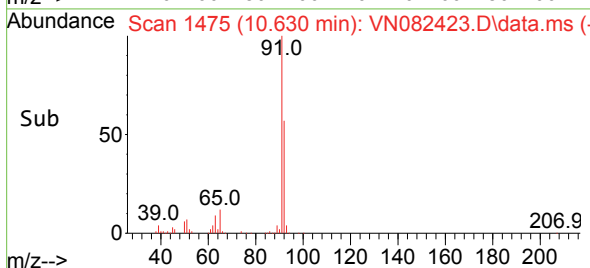
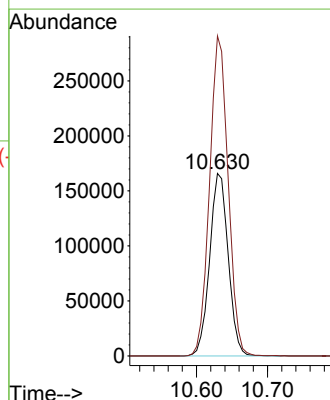
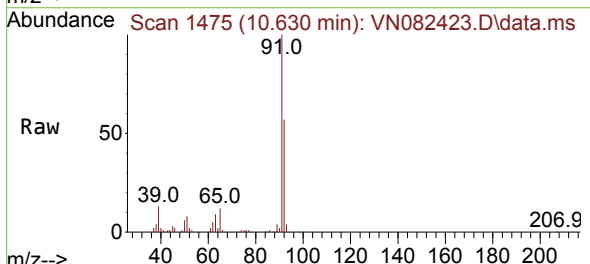
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

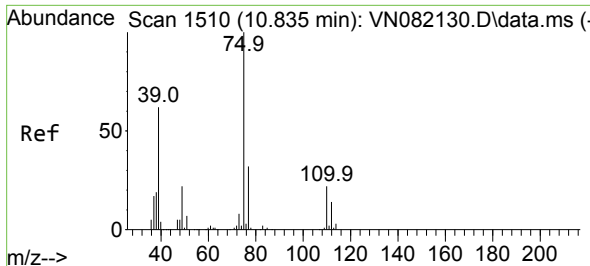
Tgt Ion: 43 Resp: 1016729
Ion Ratio Lower Upper
43 100
58 35.0 33.2 49.8



#52
Toluene
Concen: 53.752 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 92 Resp: 300747
Ion Ratio Lower Upper
92 100
91 175.2 136.7 205.1

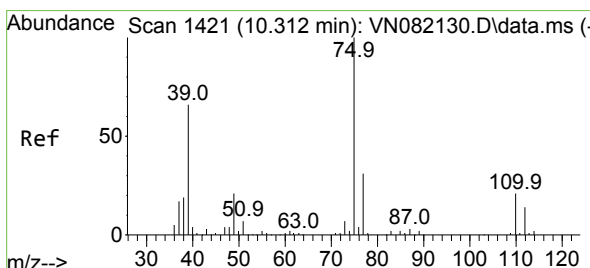
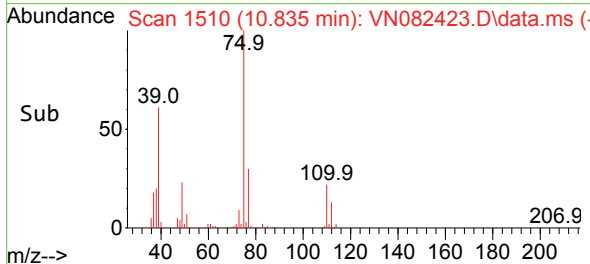
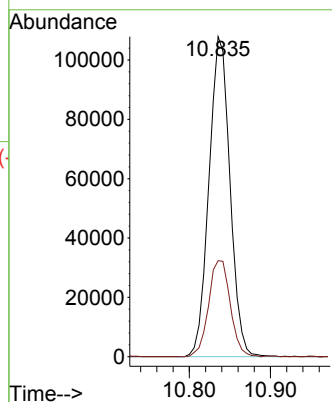
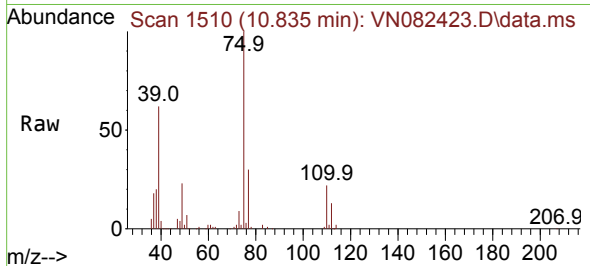




#53
t-1,3-Dichloropropene
Concen: 56.150 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

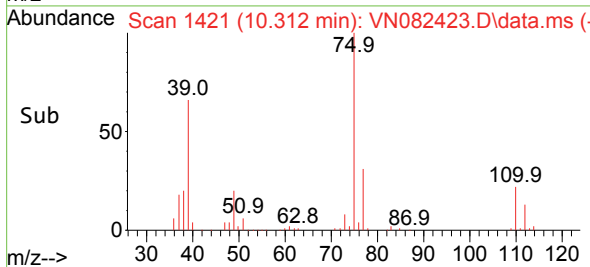
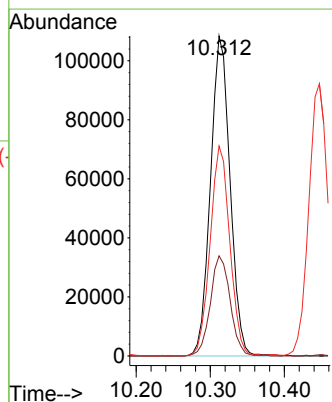
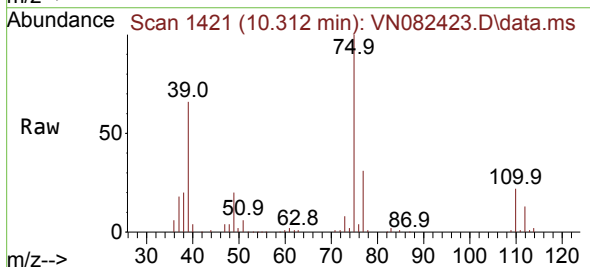
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

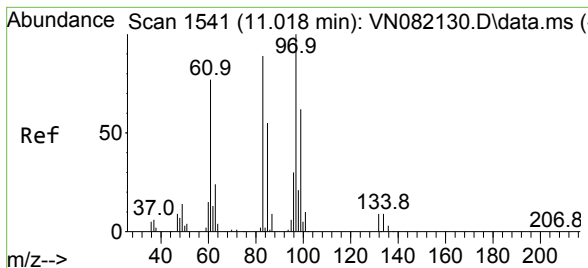
Tgt Ion: 75 Resp: 193617
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 54.513 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 75 Resp: 198973
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 65.6 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 55.544 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 112936

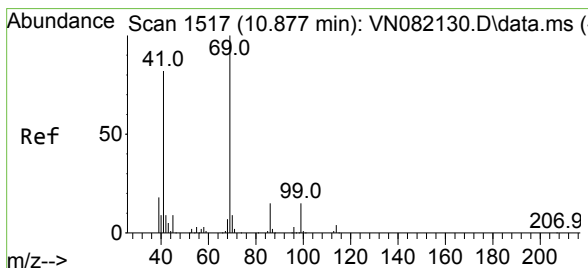
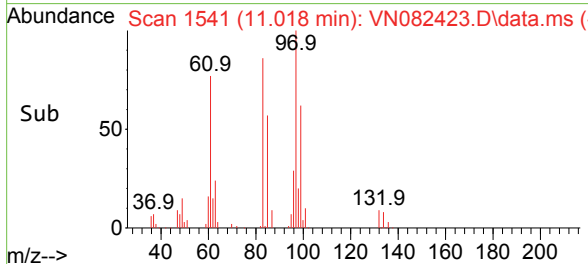
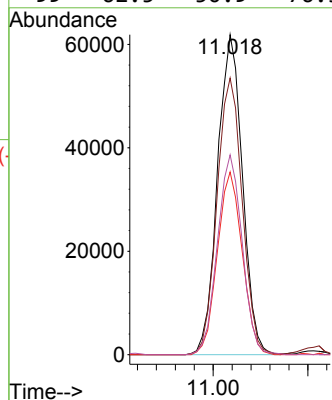
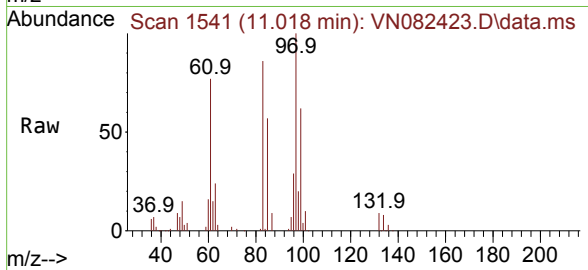
Ion Ratio Lower Upper

97 100

83 86.5 70.4 105.6

85 57.1 45.6 68.4

99 62.5 50.9 76.3



#56

Ethyl methacrylate

Concen: 59.317 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

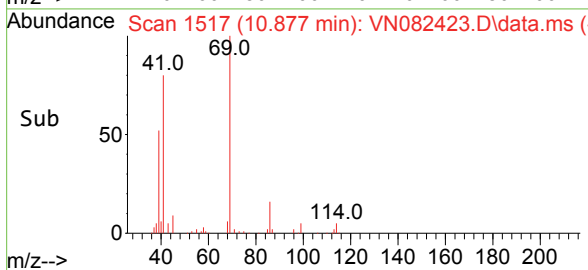
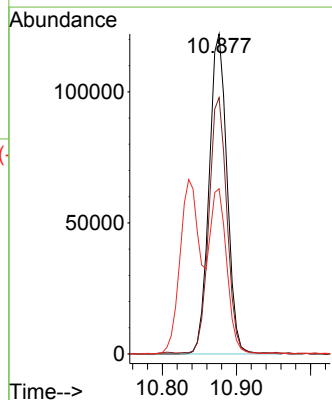
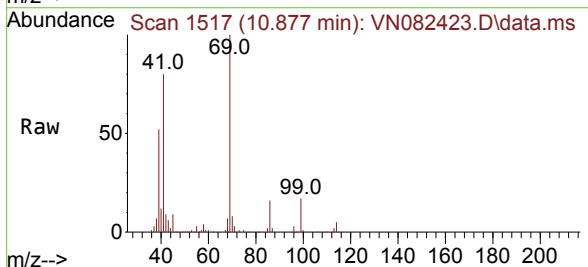
Tgt Ion: 69 Resp: 204768

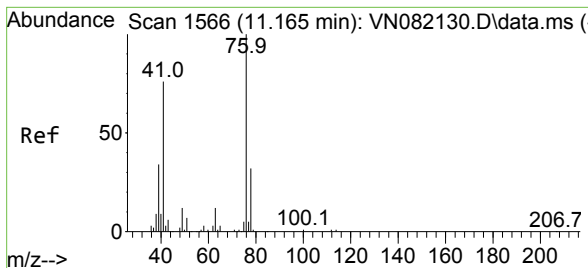
Ion Ratio Lower Upper

69 100

41 79.5 46.6 70.0#

39 46.9 26.5 39.7#

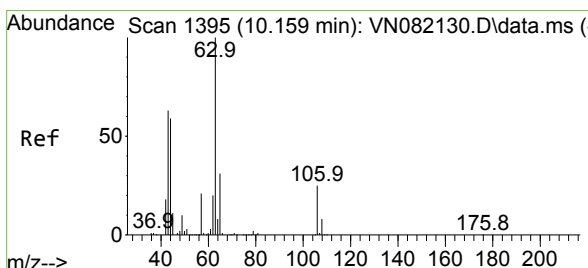
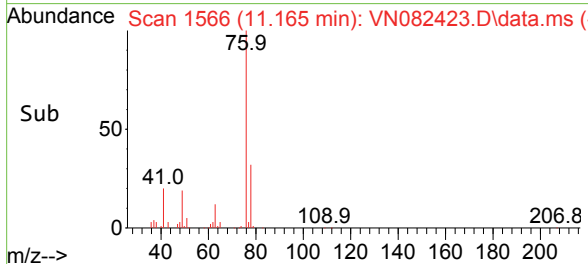
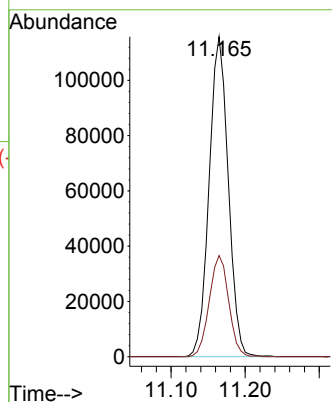
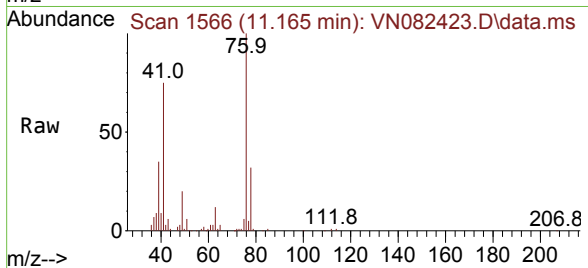




#57
1,3-Dichloropropane
Concen: 54.607 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

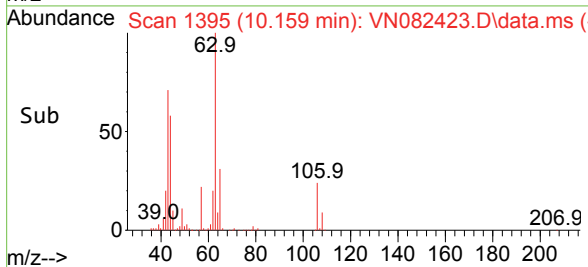
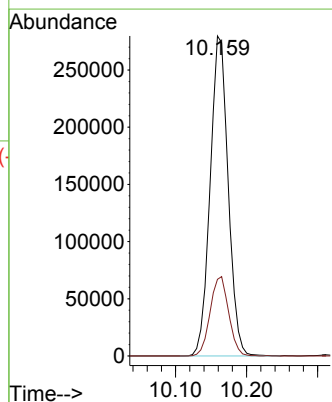
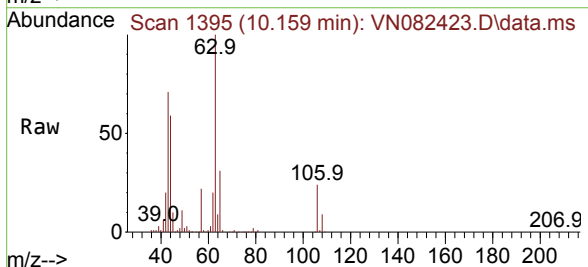
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

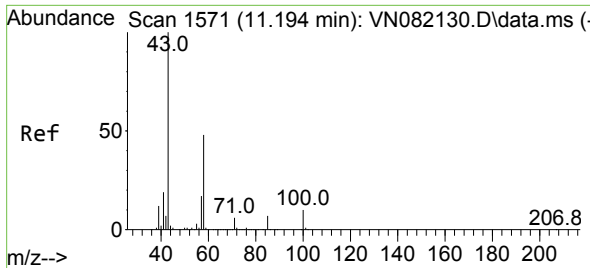
Tgt Ion: 76 Resp: 207599
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 276.555 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 63 Resp: 492432
Ion Ratio Lower Upper
63 100
106 25.5 24.6 36.8

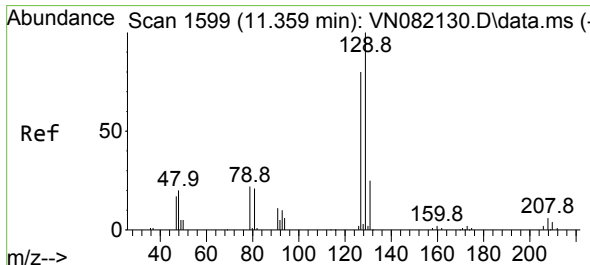
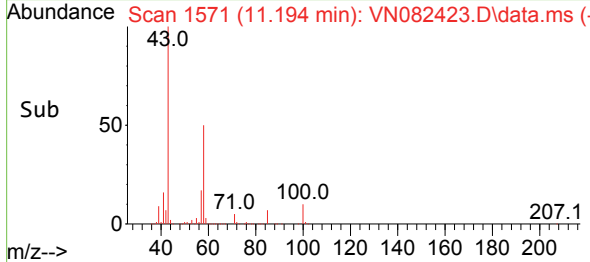
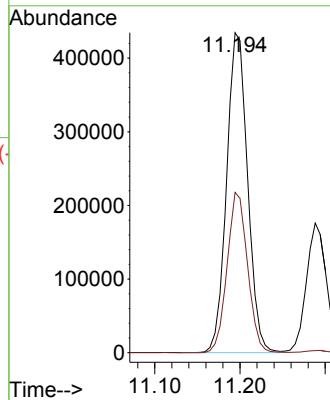
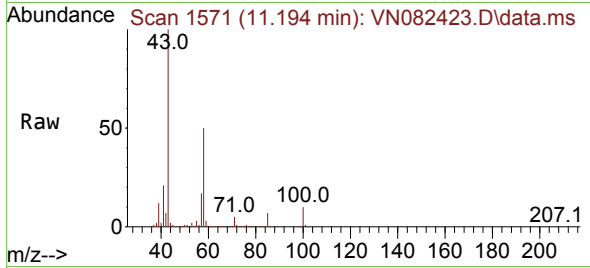




#59
2-Hexanone
Concen: 287.885 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

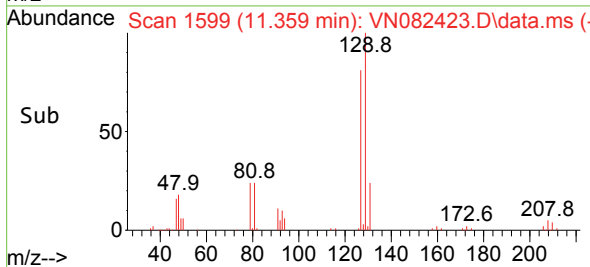
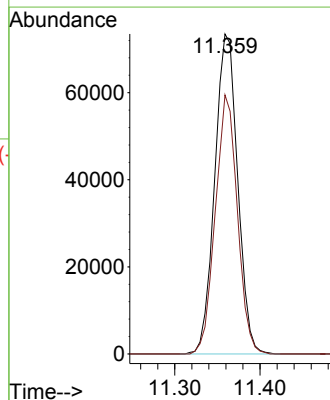
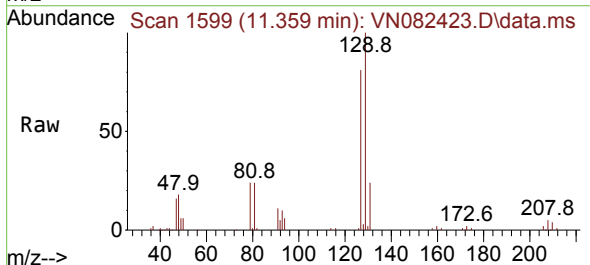
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

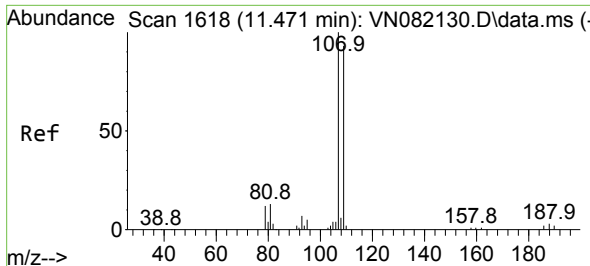
Tgt Ion: 43 Resp: 742544
Ion Ratio Lower Upper
43 100
58 48.8 28.3 84.9



#60
Dibromochloromethane
Concen: 61.129 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 129 Resp: 137165
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

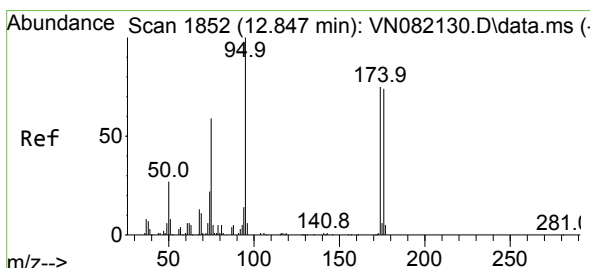
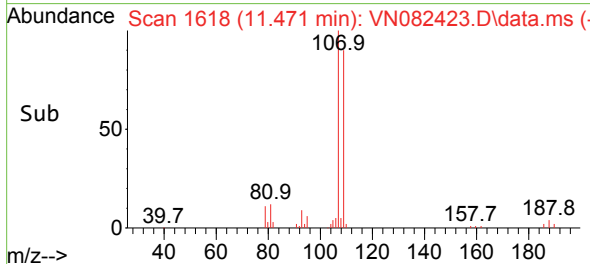
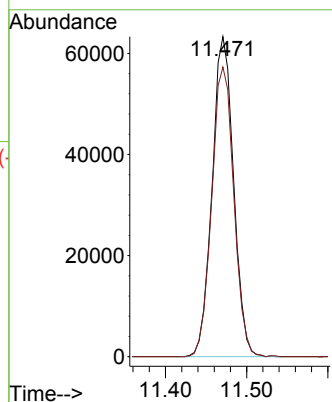
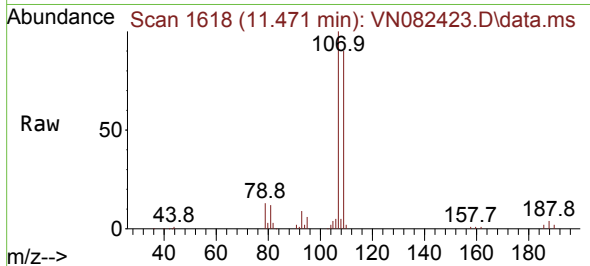




#61
1,2-Dibromoethane
Concen: 55.554 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

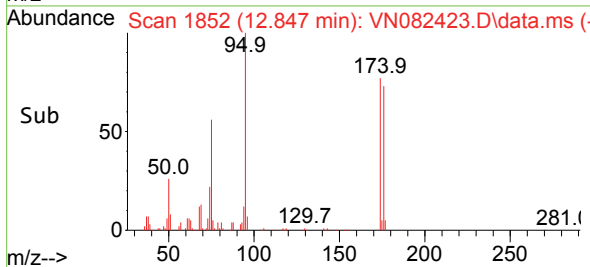
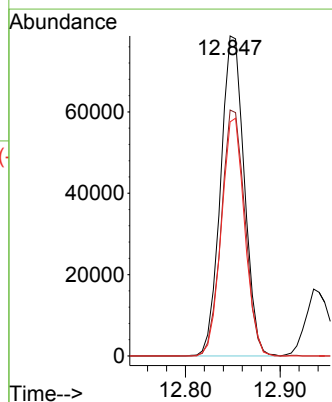
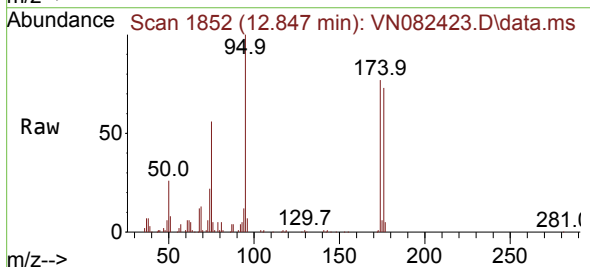
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

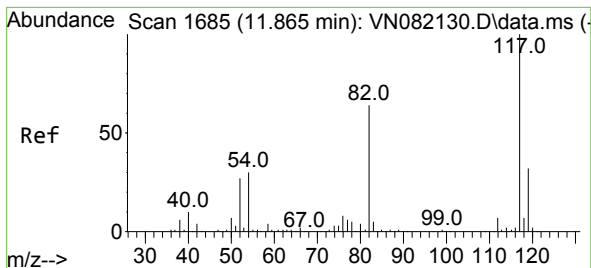
Tgt Ion:107 Resp: 116022
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.633 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 95 Resp: 136818
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.0 0.0 152.8

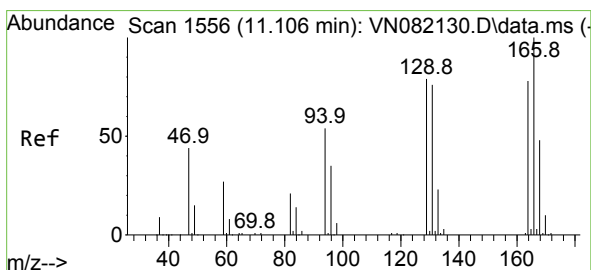
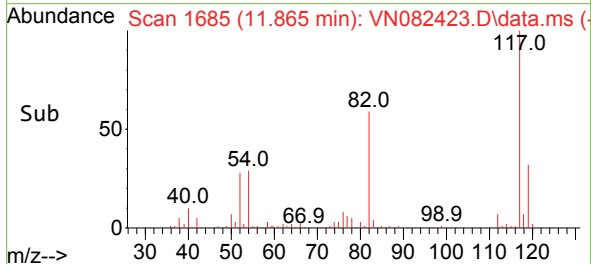
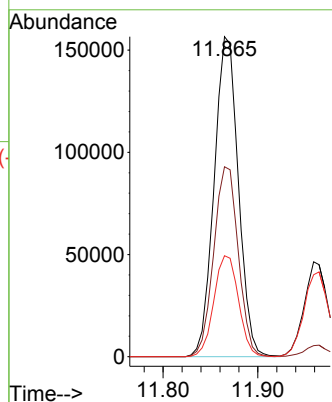
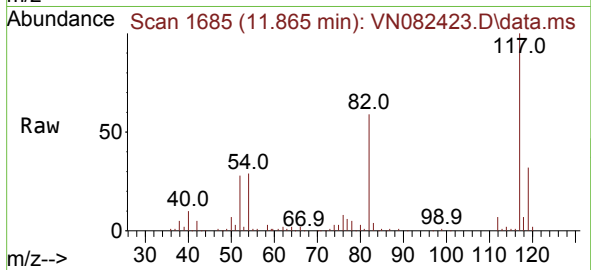




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

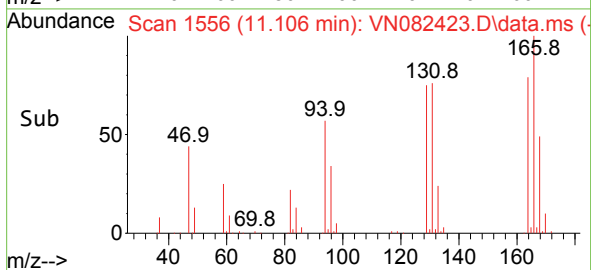
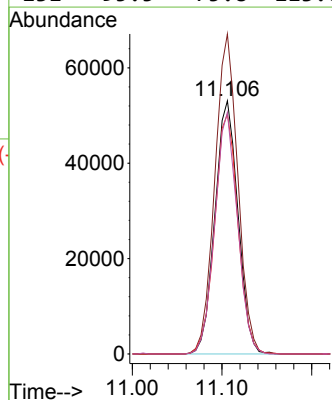
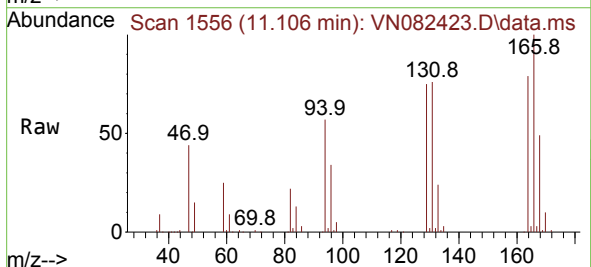
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

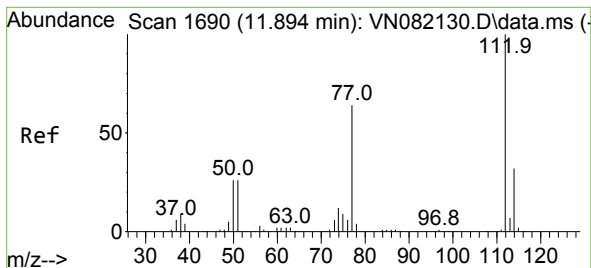
Tgt Ion:117 Resp: 277952
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 46.034 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:164 Resp: 94837
Ion Ratio Lower Upper
164 100
166 126.4 97.6 146.4
129 94.7 73.7 110.5
131 95.5 75.8 113.6

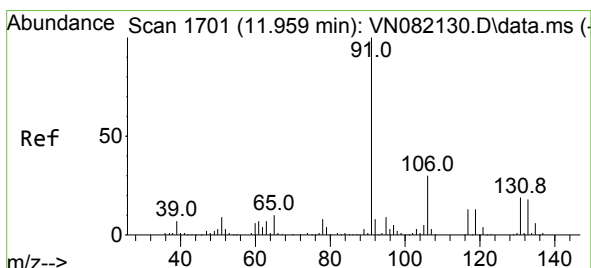
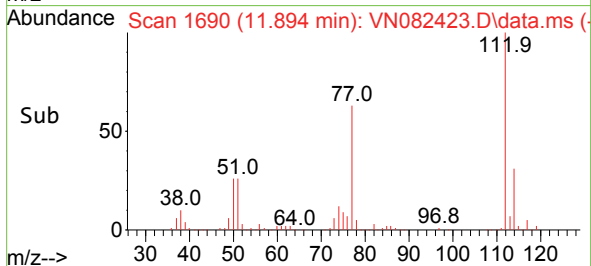
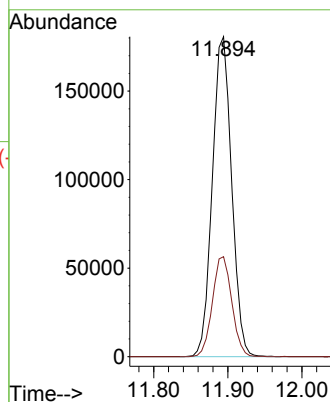
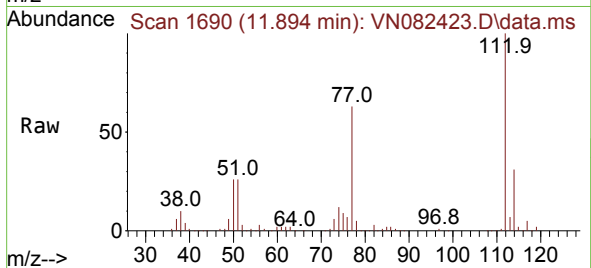




#65
Chlorobenzene
Concen: 53.200 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

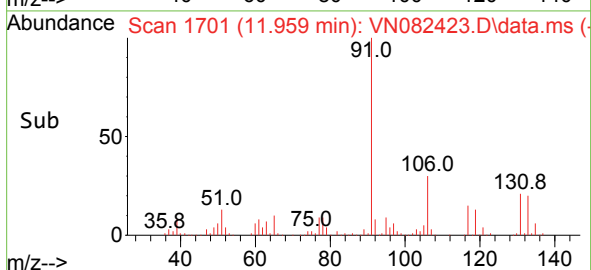
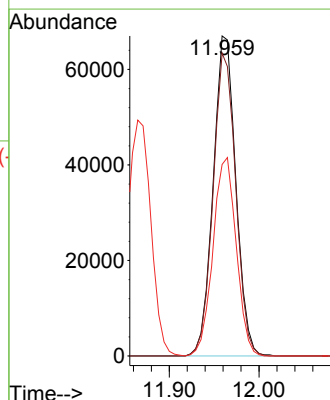
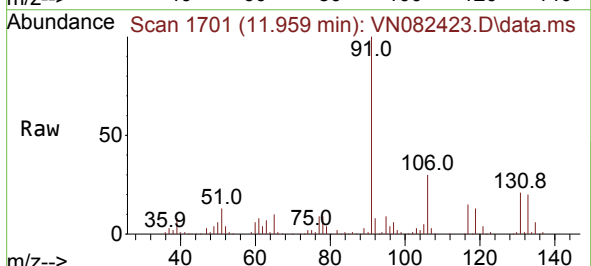
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

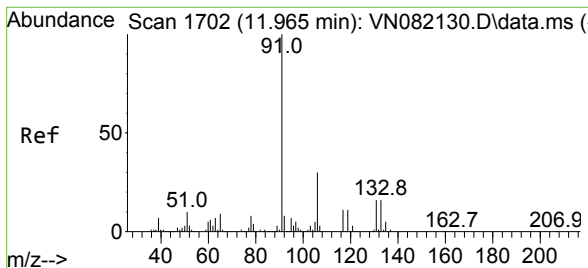
Tgt Ion:112 Resp: 326664
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.172 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:131 Resp: 117659
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 63.6 32.9 98.7





#67

Ethyl Benzene

Concen: 54.086 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

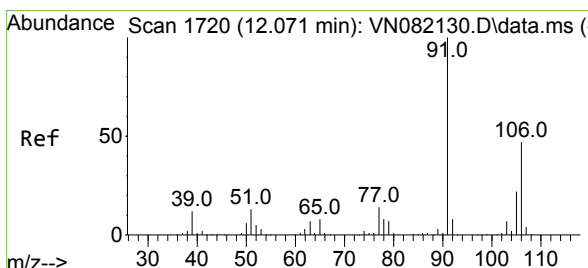
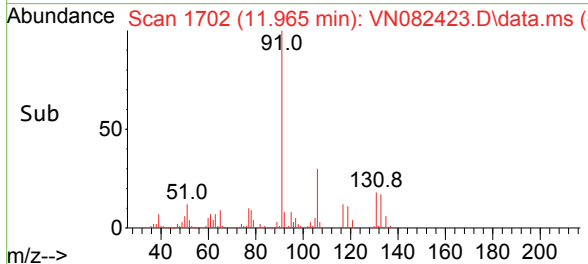
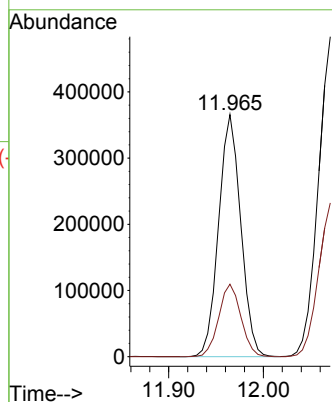
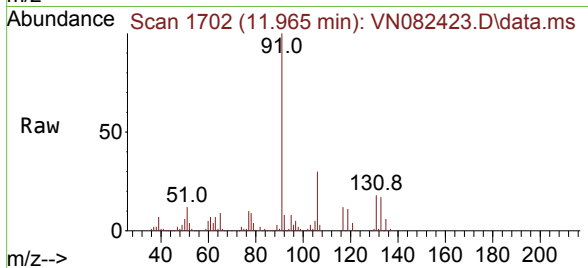
VSTDCCC050EC

Tgt Ion: 91 Resp: 594098

Ion Ratio Lower Upper

91 100

106 30.0 25.3 37.9



#68

m/p-Xylenes

Concen: 109.676 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082423.D

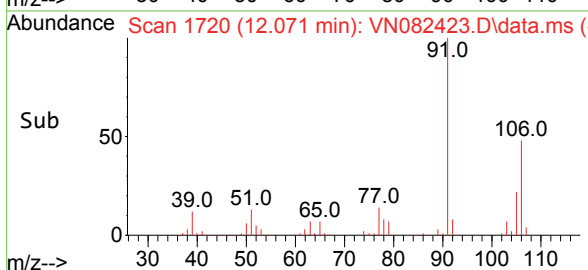
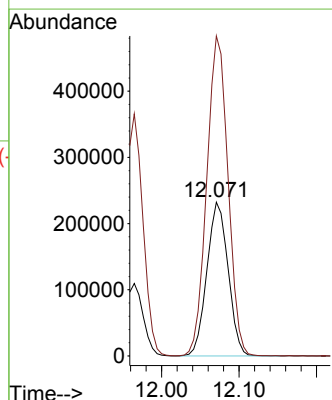
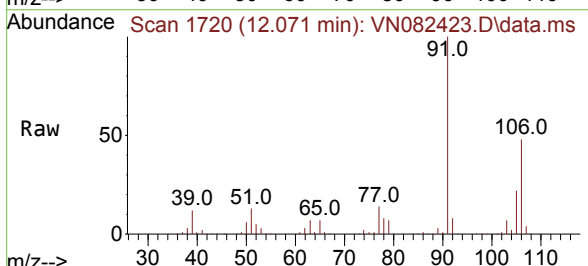
Acq: 31 May 2024 21:12

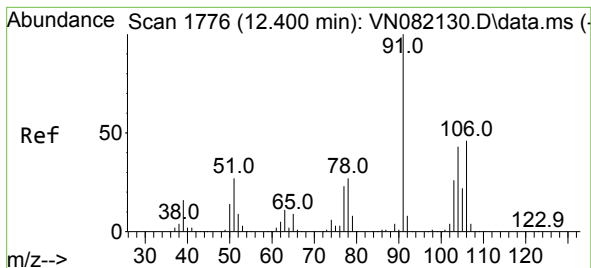
Tgt Ion: 106 Resp: 441532

Ion Ratio Lower Upper

106 100

91 208.6 159.4 239.0

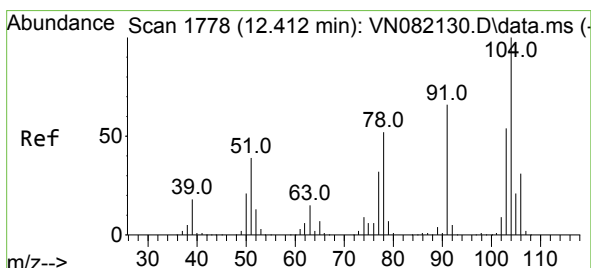
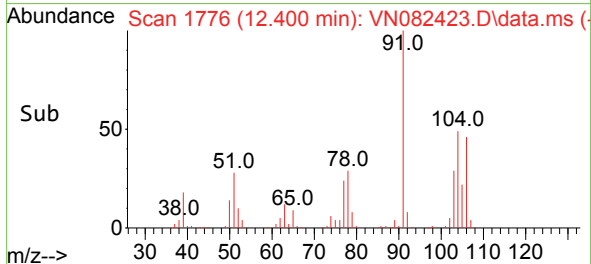
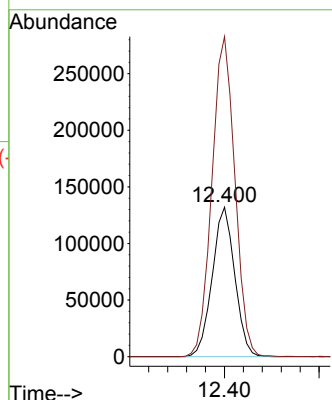
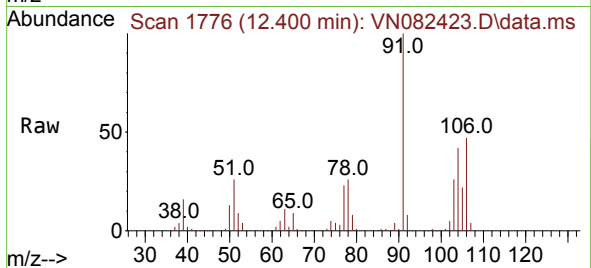




#69
o-Xylene
Concen: 55.850 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

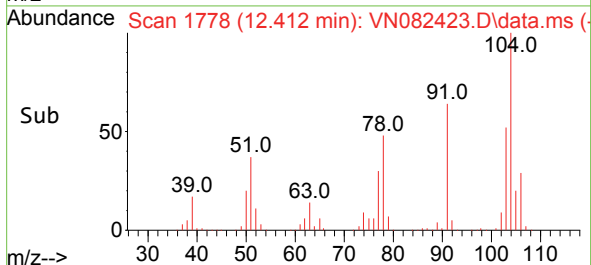
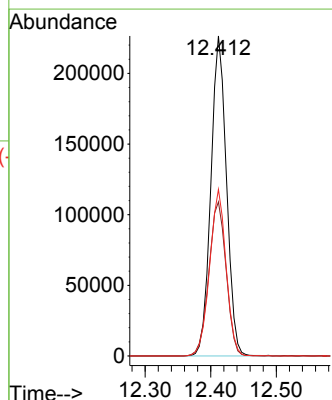
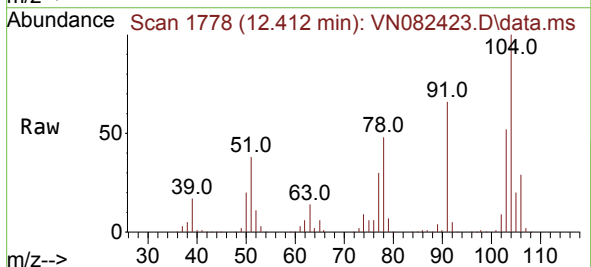
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

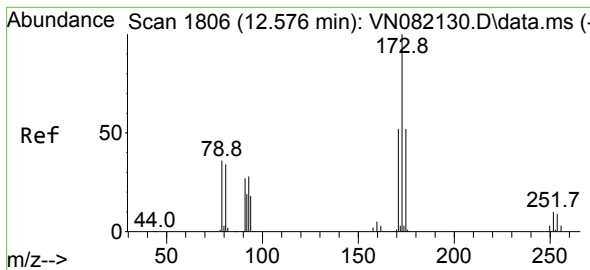
Tgt Ion:106 Resp: 217798
Ion Ratio Lower Upper
106 100
91 218.9 104.7 314.1



#70
Styrene
Concen: 57.919 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:104 Resp: 375165
Ion Ratio Lower Upper
104 100
78 53.2 38.6 58.0
103 54.6 43.8 65.6

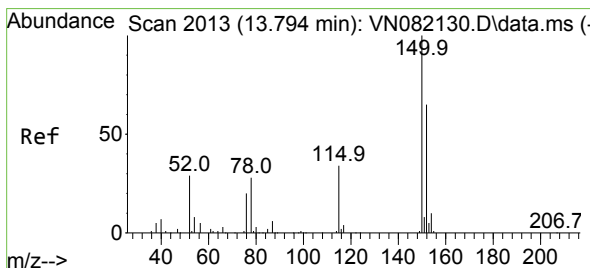
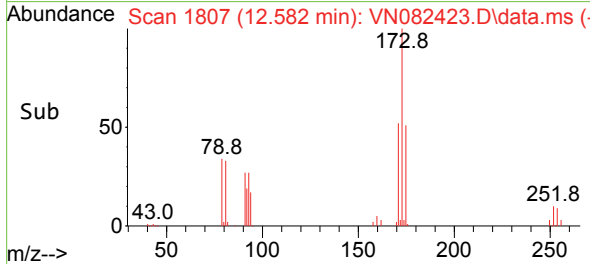
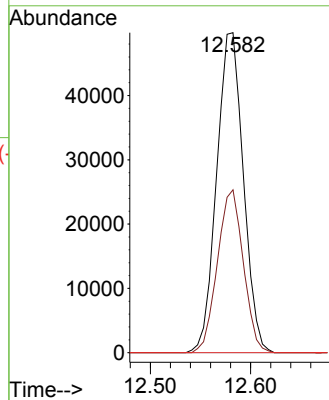
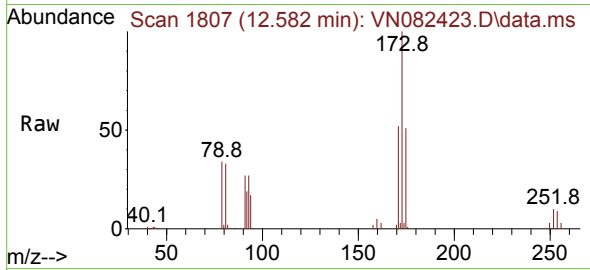




#71
Bromoform
Concen: 57.011 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

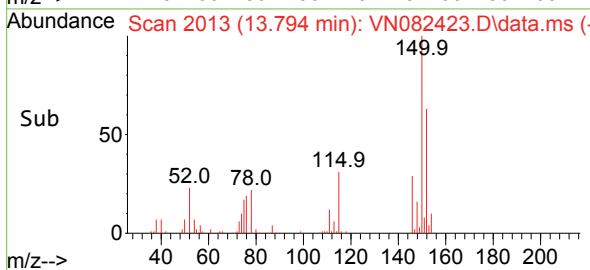
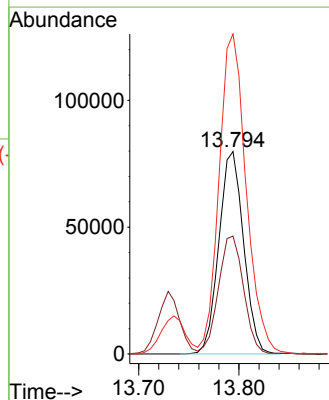
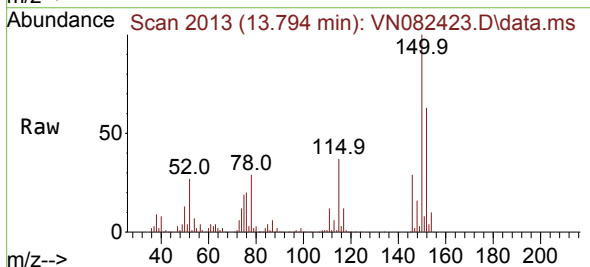
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC

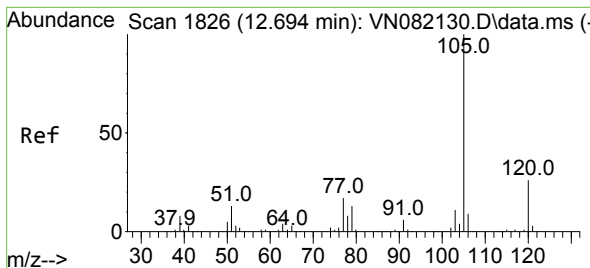
Tgt Ion:173 Resp: 91871
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:152 Resp: 136604
Ion Ratio Lower Upper
152 100
115 59.4 30.4 91.3
150 172.8 0.0 353.2





#73

Isopropylbenzene

Concen: 51.415 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

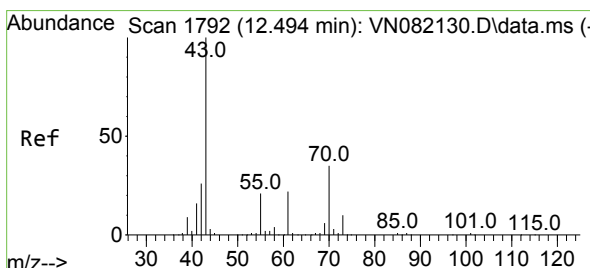
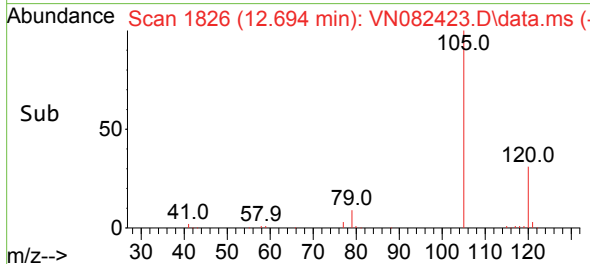
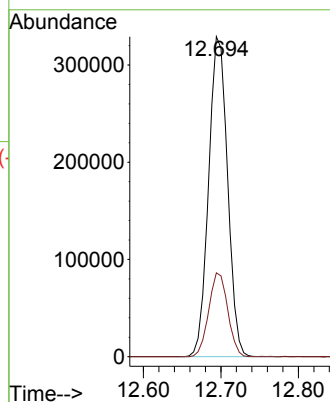
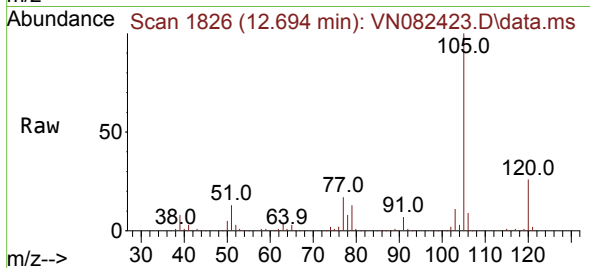
VSTDCCC050EC

Tgt Ion:105 Resp: 557978

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.435 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Tgt Ion: 43 Resp: 318978

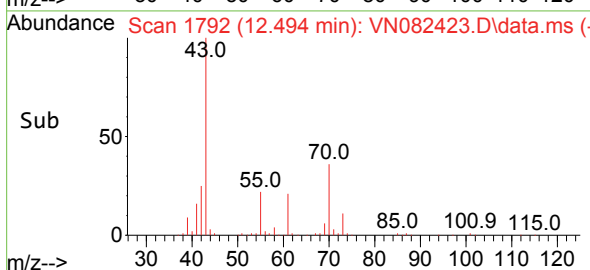
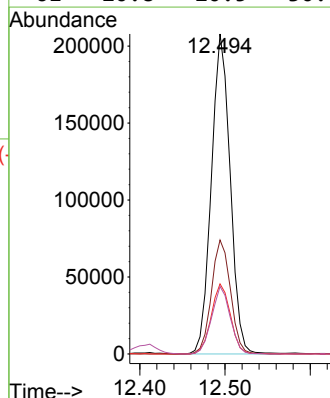
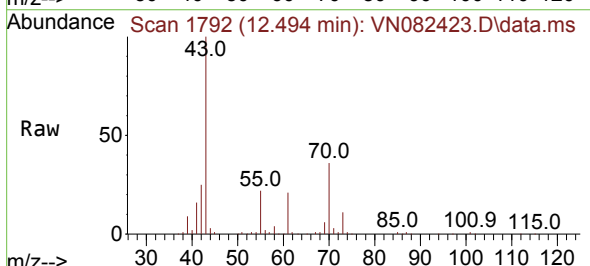
Ion Ratio Lower Upper

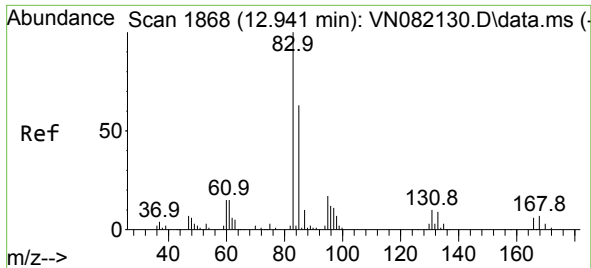
43 100

70 35.9 39.0 58.4#

55 22.2 21.3 31.9

61 20.8 20.5 30.7

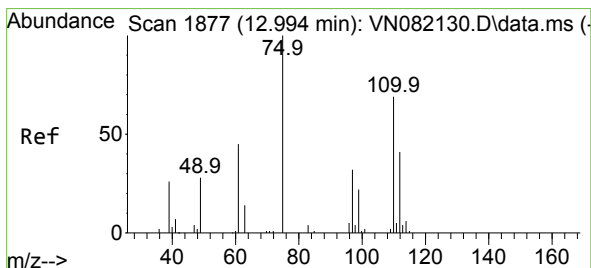
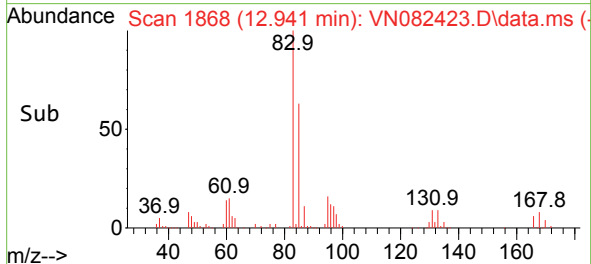
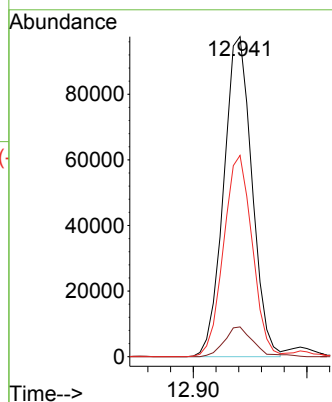
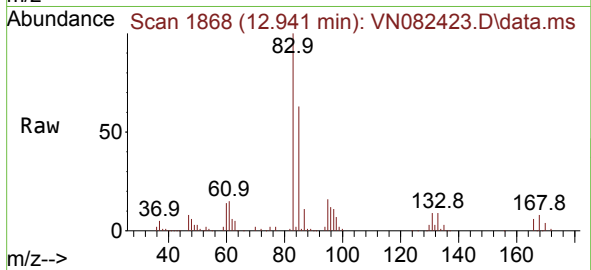




#75
1,1,2,2-Tetrachloroethane
Concen: 54.010 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

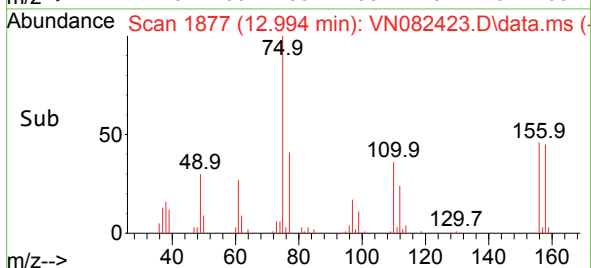
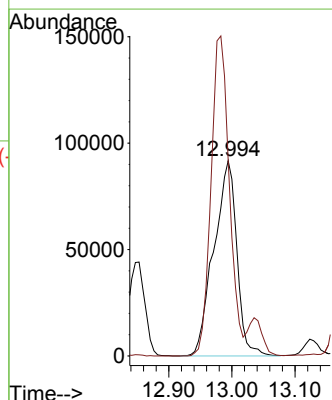
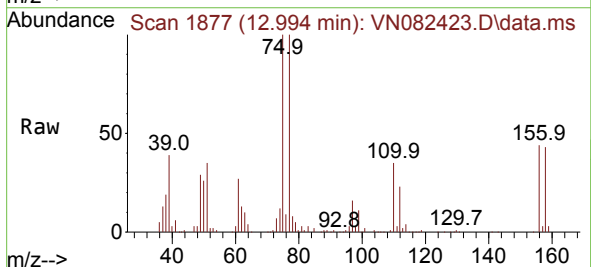
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

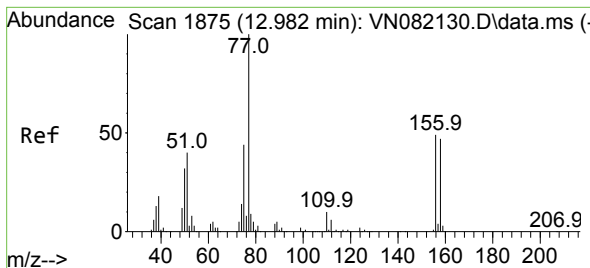
Tgt Ion: 83 Resp: 168961
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.4
85 63.8 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 80.779 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 75 Resp: 232256
Ion Ratio Lower Upper
75 100
77 130.2 90.5 271.3





#77

Bromobenzene

Concen: 51.527 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

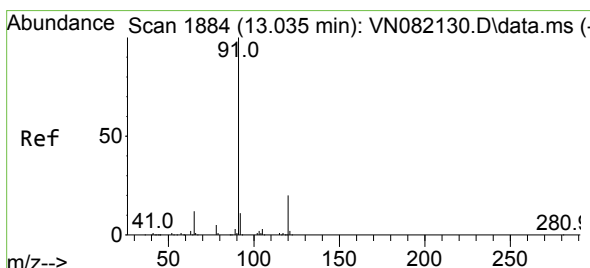
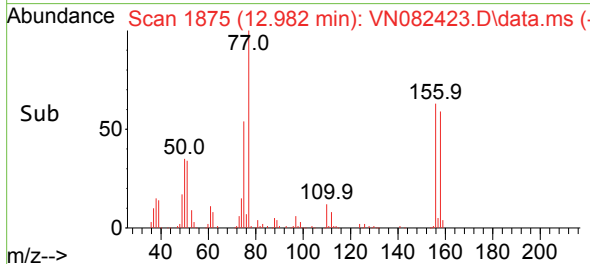
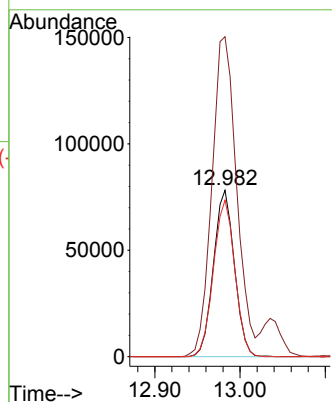
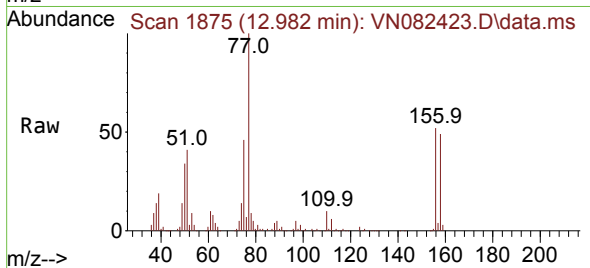
Tgt Ion:156 Resp: 133264

Ion Ratio Lower Upper

156 100

77 226.9 100.2 300.6

158 96.1 49.1 147.3



#78

n-propylbenzene

Concen: 51.538 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082423.D

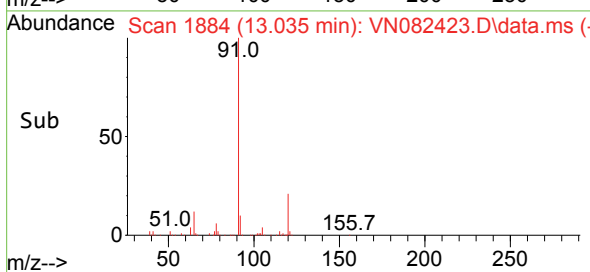
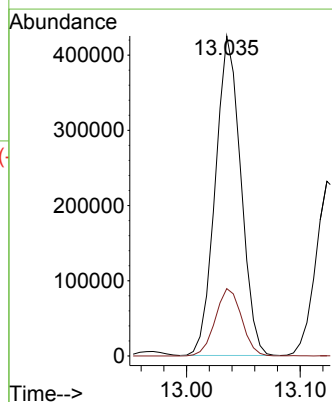
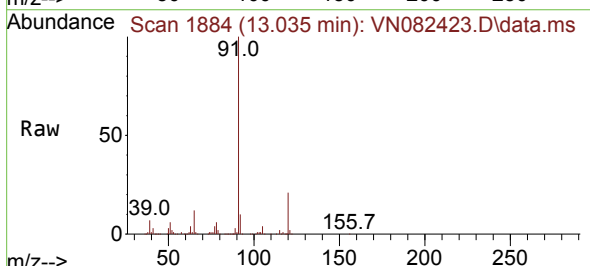
Acq: 31 May 2024 21:12

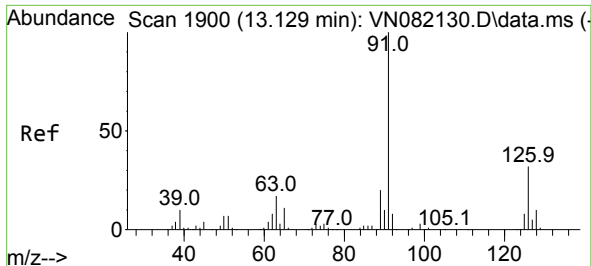
Tgt Ion: 91 Resp: 662322

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0

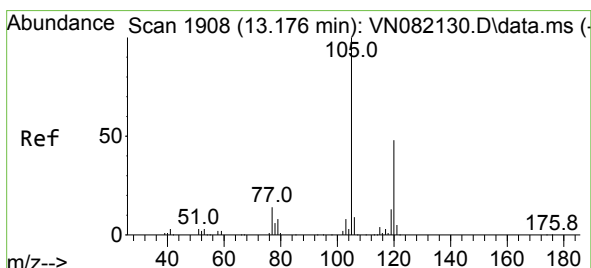
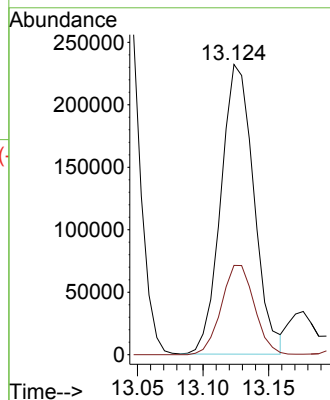
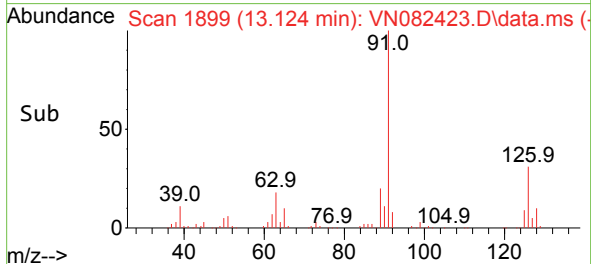
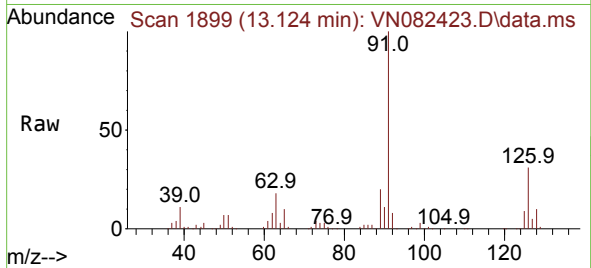




#79
2-Chlorotoluene
Concen: 50.272 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

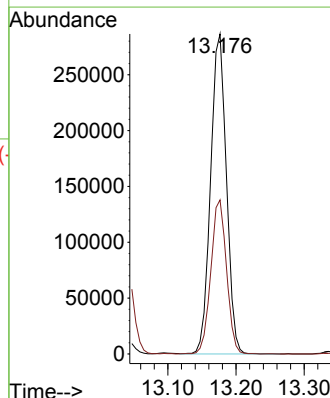
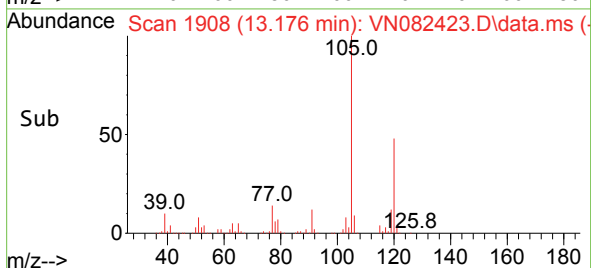
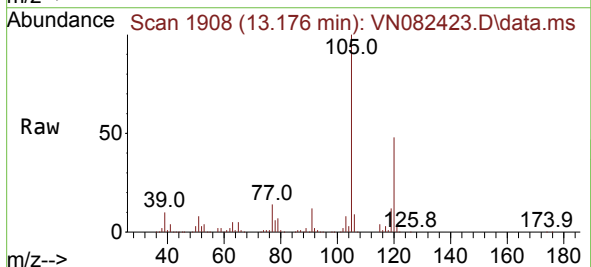
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

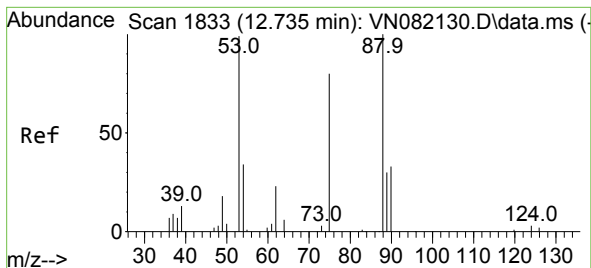
Tgt Ion: 91 Resp: 405679
Ion Ratio Lower Upper
91 100
126 30.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 52.645 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:105 Resp: 461975
Ion Ratio Lower Upper
105 100
120 47.8 24.8 74.3

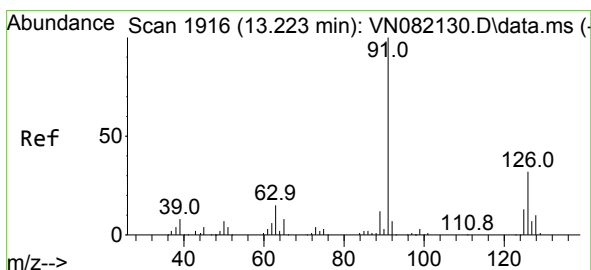
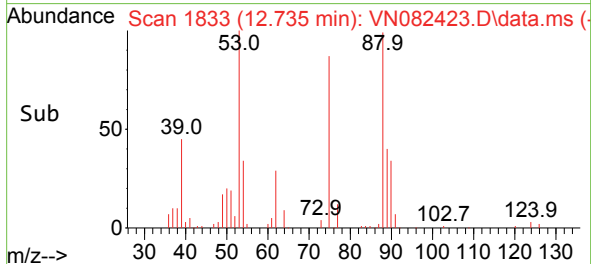
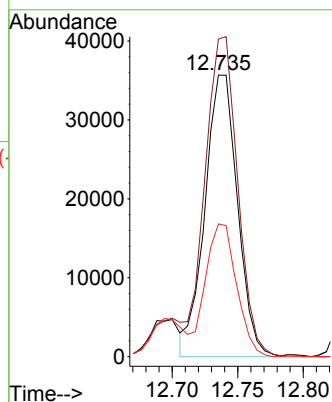
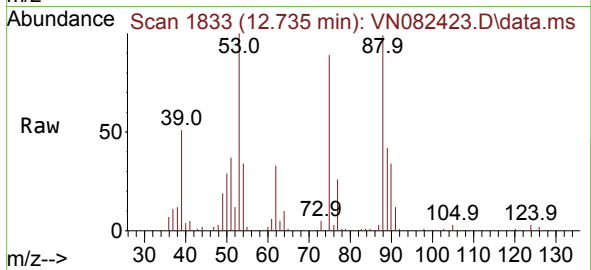




#81
trans-1,4-Dichloro-2-butene
Concen: 50.255 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

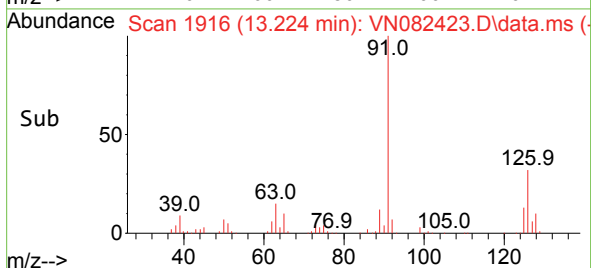
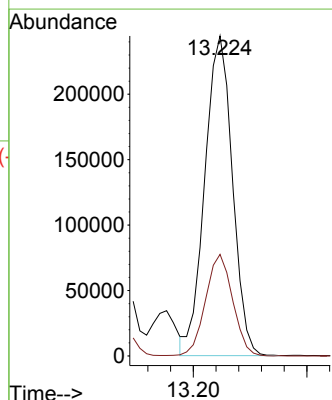
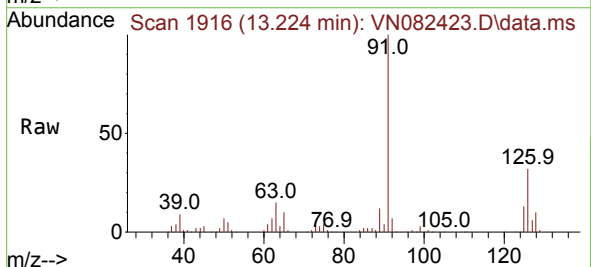
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

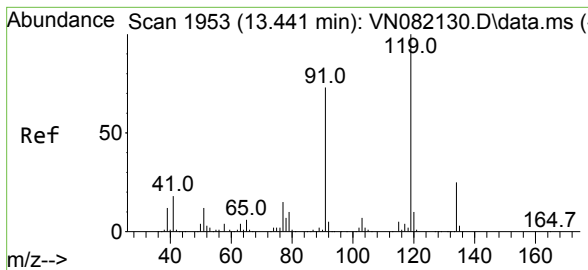
Tgt Ion: 75 Resp: 61777
Ion Ratio Lower Upper
75 100
53 127.7 72.9 109.3#
89 45.2 39.1 58.7



#82
4-Chlorotoluene
Concen: 52.291 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion: 91 Resp: 412571
Ion Ratio Lower Upper
91 100
126 31.3 17.4 52.3

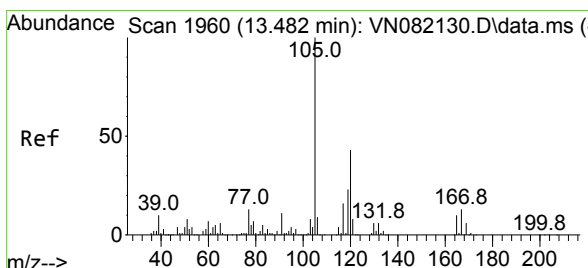
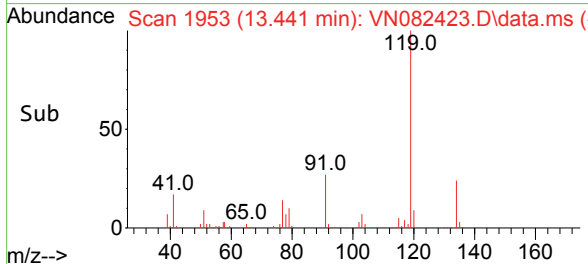
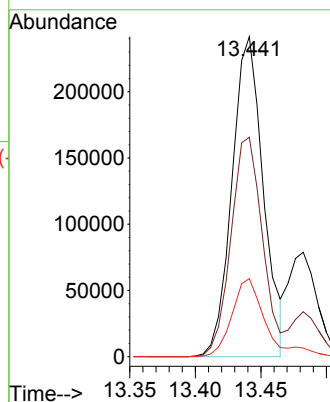
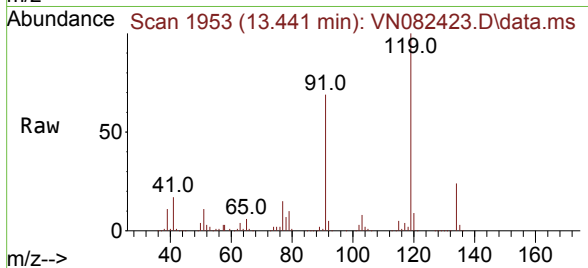




#83
tert-Butylbenzene
Concen: 52.387 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

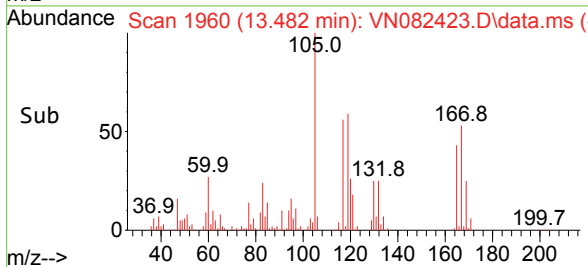
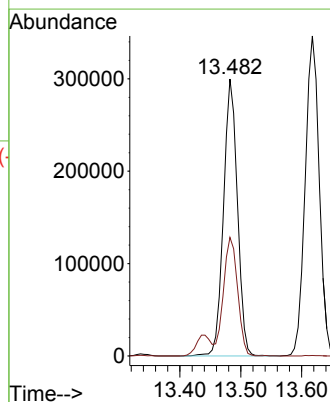
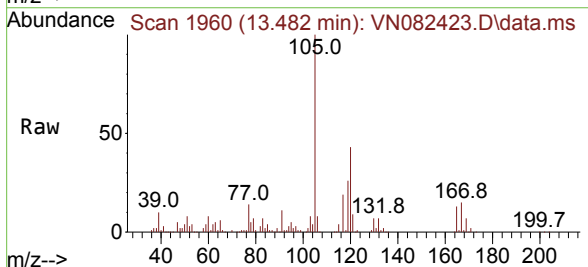
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

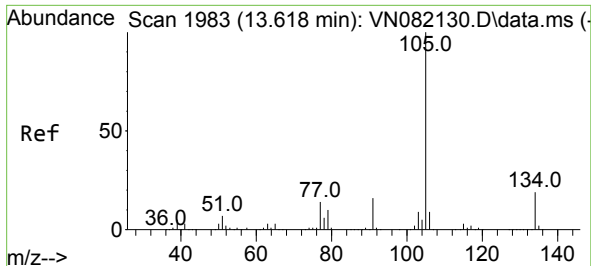
Tgt Ion:119 Resp: 402174
Ion Ratio Lower Upper
119 100
91 68.8 32.6 97.8
134 26.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 52.974 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:105 Resp: 475591
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.7

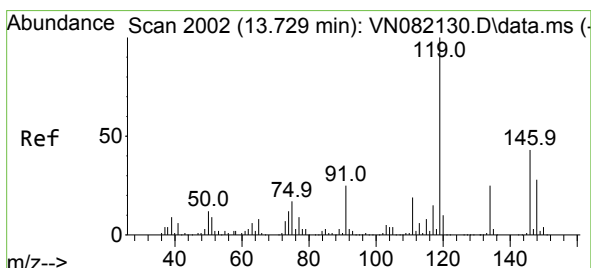
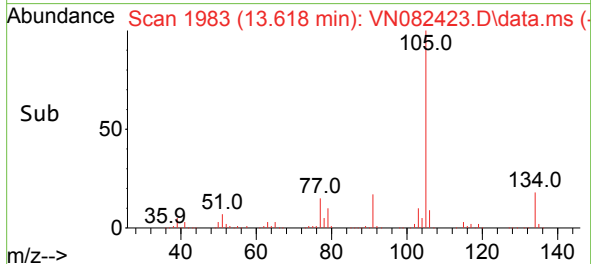
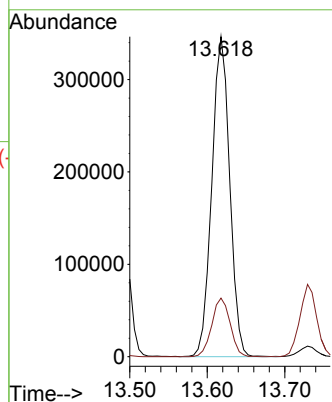
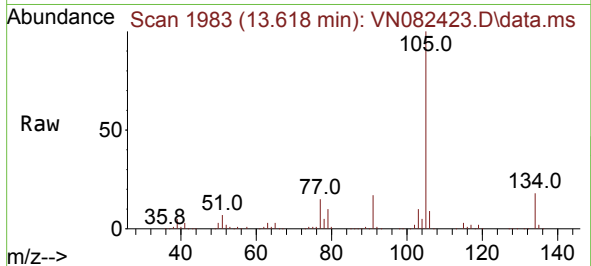




#85
 sec-Butylbenzene
 Concen: 52.204 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

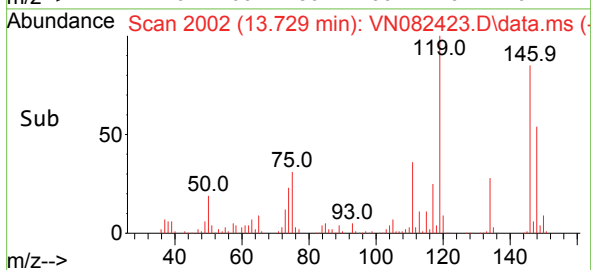
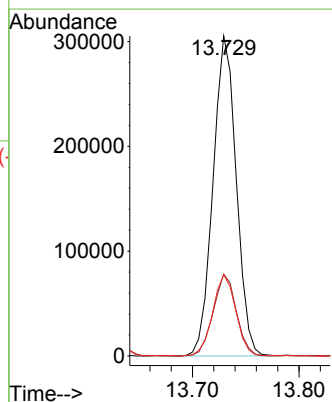
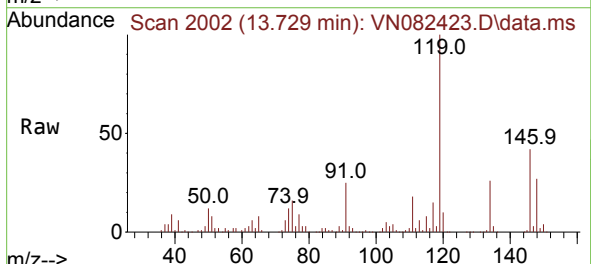
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

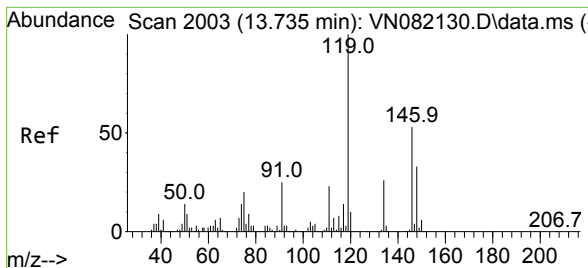
Tgt Ion:105 Resp: 555497
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.388 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082423.D
 Acq: 31 May 2024 21:12

Tgt Ion:119 Resp: 461699
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.331 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

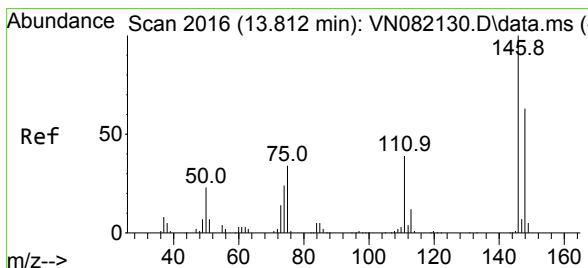
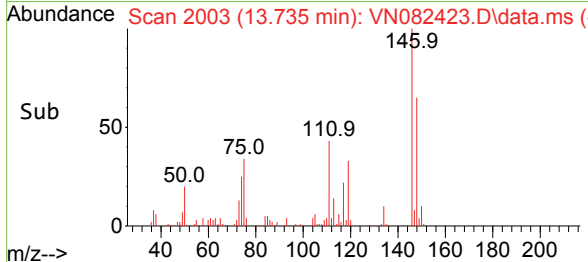
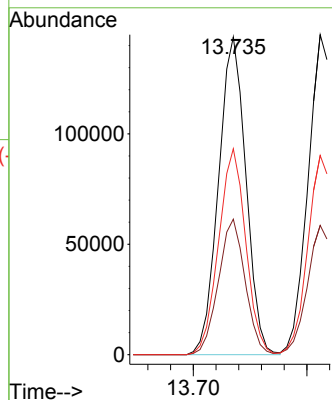
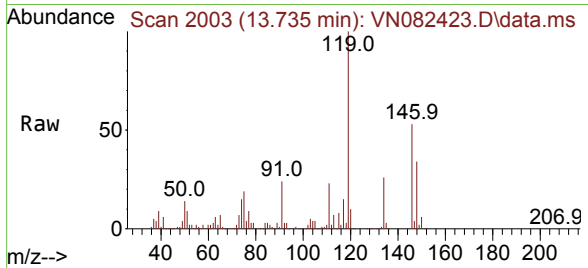
Tgt Ion:146 Resp: 240515

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 50.905 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

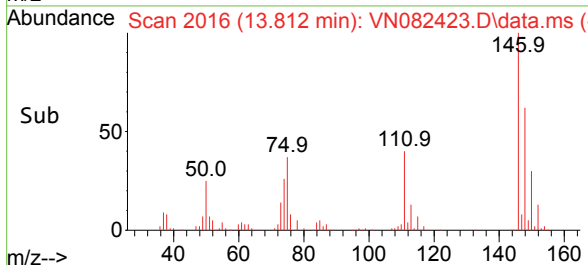
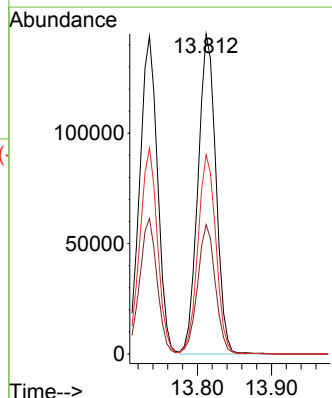
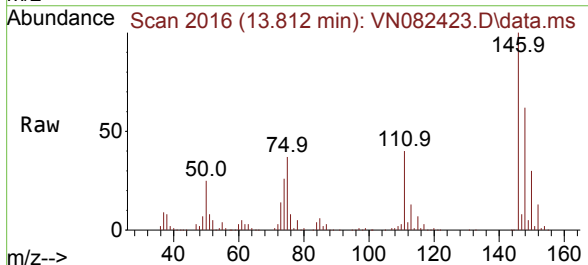
Tgt Ion:146 Resp: 243438

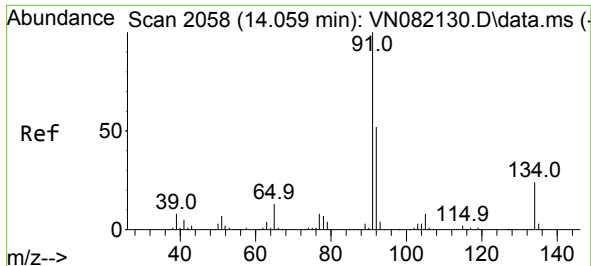
Ion Ratio Lower Upper

146 100

111 40.4 19.3 57.9

148 62.4 31.3 93.9





#89

n-Butylbenzene

Concen: 51.363 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

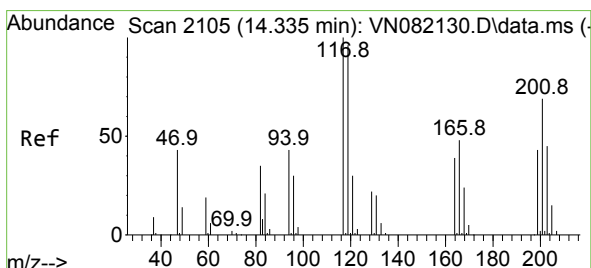
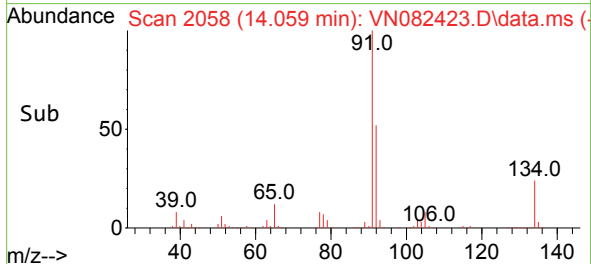
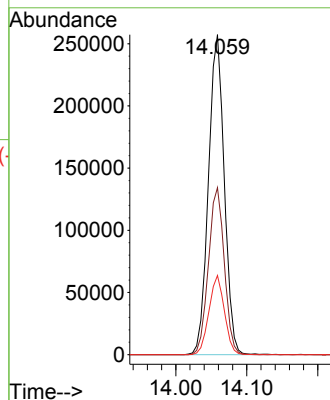
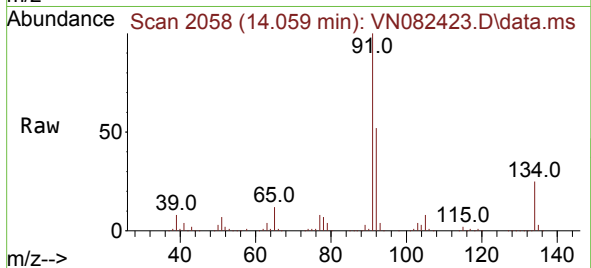
Tgt Ion: 91 Resp: 399235

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 24.2 13.2 39.5



#90

Hexachloroethane

Concen: 54.360 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082423.D

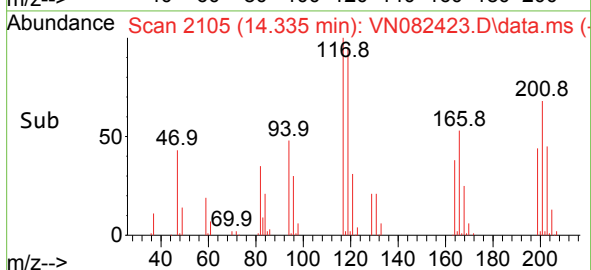
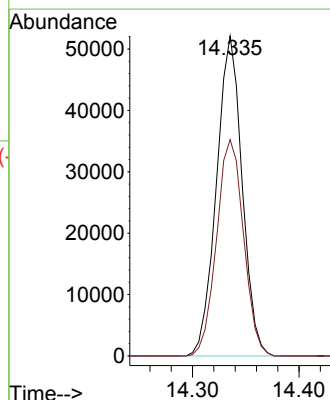
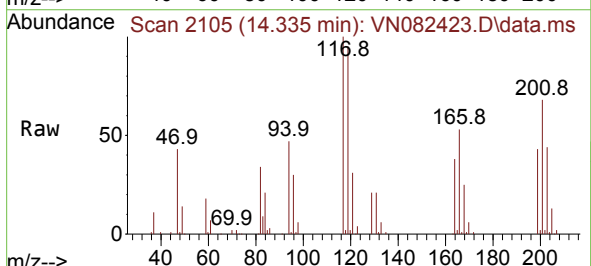
Acq: 31 May 2024 21:12

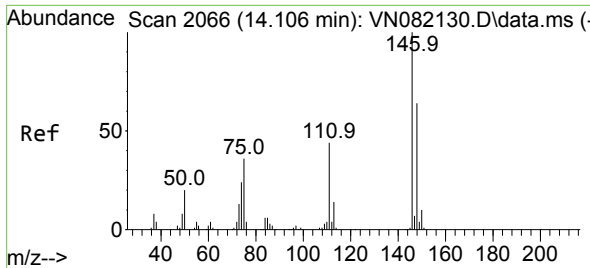
Tgt Ion: 117 Resp: 87098

Ion Ratio Lower Upper

117 100

201 71.0 33.3 99.8

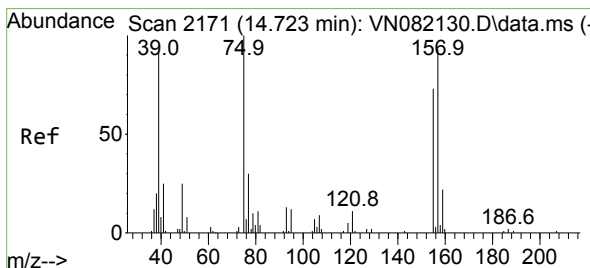
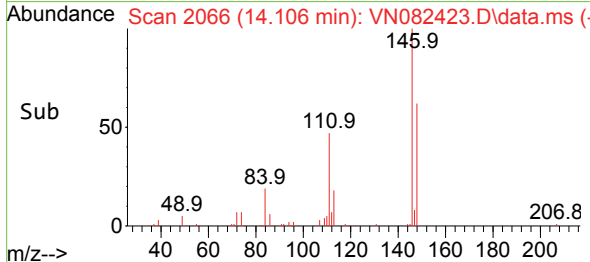
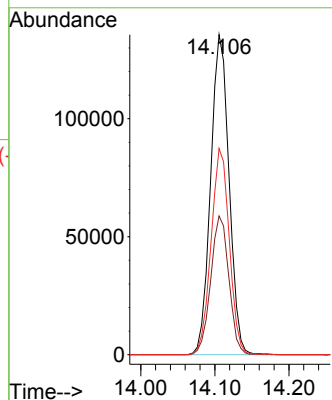
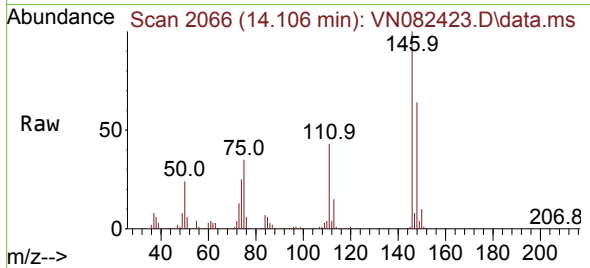




#91
1,2-Dichlorobenzene
Concen: 52.672 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

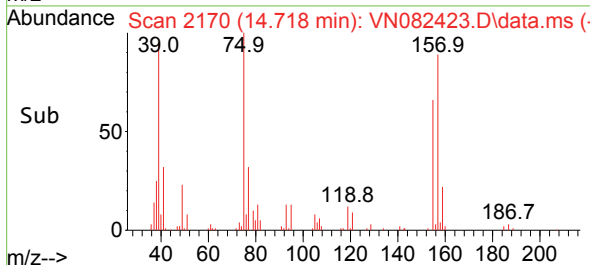
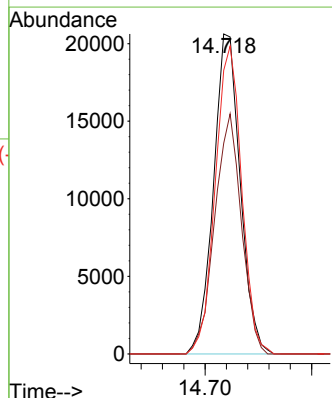
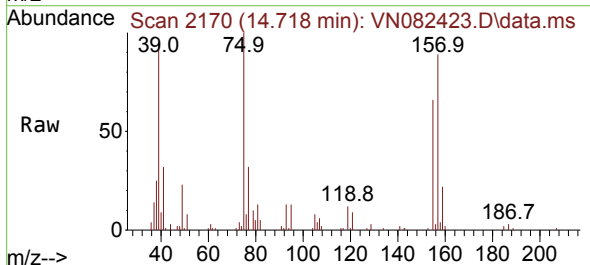
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

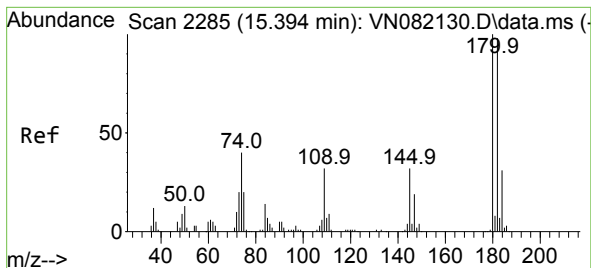
Tgt Ion:	146	Resp:	233611
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	64.0
148	63.9	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.731 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:	75	Resp:	35821
Ion Ratio	Lower	Upper	
75	100		
155	75.3	42.6	128.0
157	95.1	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 49.633 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

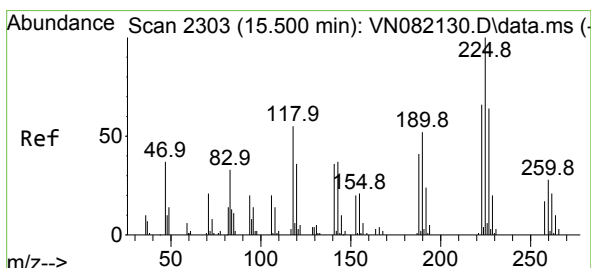
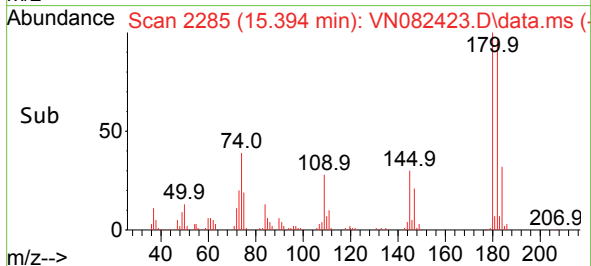
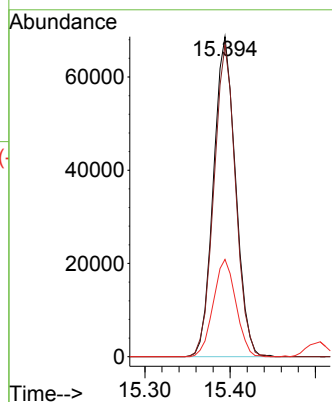
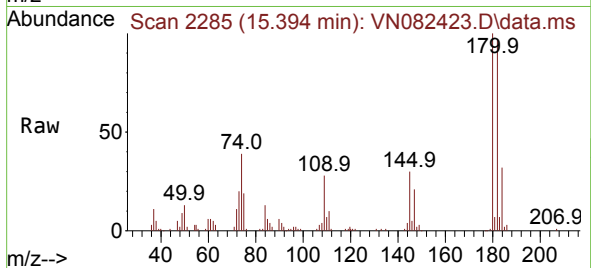
Tgt Ion:180 Resp: 123393

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.0

145 31.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 48.346 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082423.D

Acq: 31 May 2024 21:12

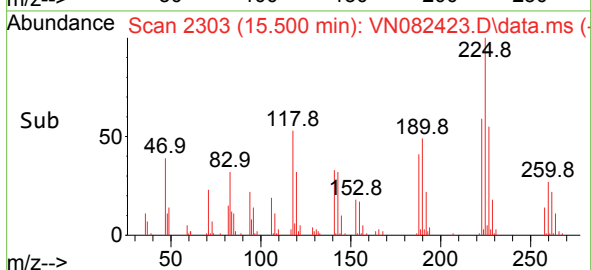
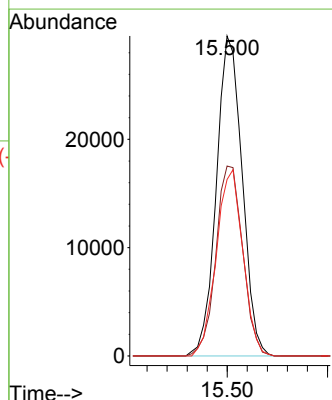
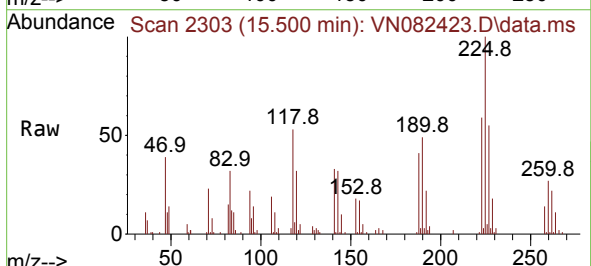
Tgt Ion:225 Resp: 52740

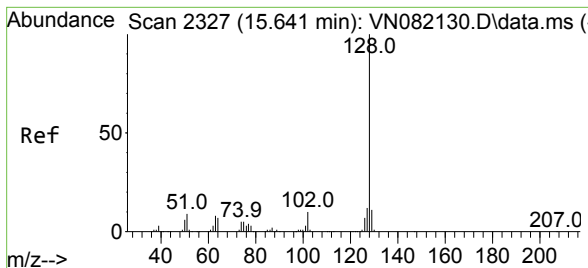
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

227 60.0 30.6 91.6

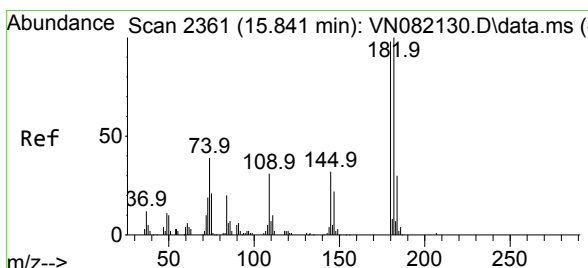
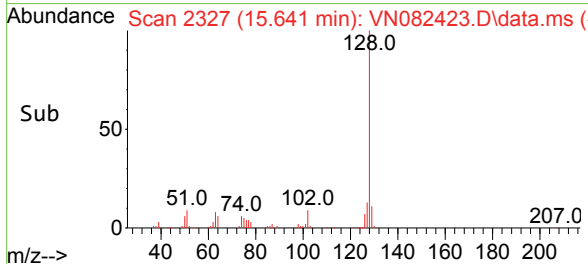
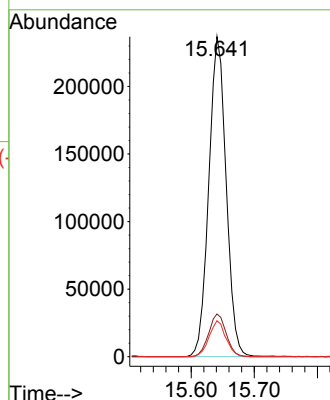
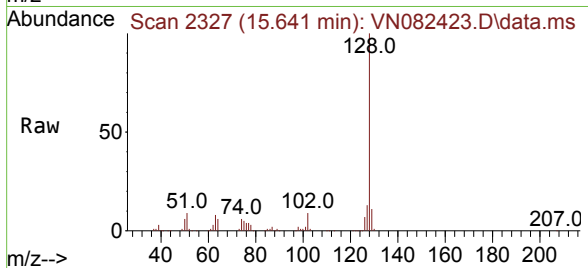




#95
Naphthalene
Concen: 57.915 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 451214
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.257 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082423.D
Acq: 31 May 2024 21:12

Tgt Ion:180 Resp: 127568
Ion Ratio Lower Upper
180 100
182 94.1 46.0 137.8
145 32.9 17.1 51.3

