

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079813.D
 Acq On : 02 Nov 2023 21:32
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 03 04:08:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	287456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	504213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240256	54.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	8.171	113	183415	51.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	10.571	98	712062	54.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.853	95	247904	56.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	191976	55.445	ug/l	99
3) Chloromethane	2.359	50	224602	52.268	ug/l	97
4) Vinyl Chloride	2.512	62	244422	53.928	ug/l	99
5) Bromomethane	2.948	94	154121	55.966	ug/l	94
6) Chloroethane	3.112	64	173679	48.497	ug/l	97
7) Trichlorofluoromethane	3.495	101	294894	52.312	ug/l	97
8) Diethyl Ether	3.959	74	113563	53.086	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.365	101	171155	52.375	ug/l	98
10) Methyl Iodide	4.595	142	193456	51.839	ug/l	94
11) Tert butyl alcohol	5.524	59	134560	240.690	ug/l	99
12) 1,1-Dichloroethene	4.342	96	164586	53.193	ug/l #	82
13) Acrolein	4.177	56	134852	329.126	ug/l	97
14) Allyl chloride	5.018	41	264805	55.877	ug/l #	90
15) Acrylonitrile	5.718	53	482382	276.877	ug/l	98
16) Acetone	4.424	43	404867	263.185	ug/l	91
17) Carbon Disulfide	4.712	76	451702	50.611	ug/l	99
18) Methyl Acetate	5.024	43	400503	54.417	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	581872	54.622	ug/l	95
20) Methylene Chloride	5.277	84	204264	52.623	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	185864	53.860	ug/l #	77
22) Diisopropyl ether	6.671	45	657597	59.877	ug/l #	90
23) Vinyl Acetate	6.606	43	1777190	293.368	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	383265	57.417	ug/l	97
25) 2-Butanone	7.483	43	648620	287.933	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	280526	50.815	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	222468	53.894	ug/l	85
28) Bromochloromethane	7.812	49	182207	56.011	ug/l #	74
29) Tetrahydrofuran	7.841	42	438166	298.963	ug/l #	74
30) Chloroform	7.971	83	392982	54.198	ug/l	96
31) Cyclohexane	8.259	56	311787	53.876	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	333914	56.519	ug/l	94
36) 1,1-Dichloropropene	8.377	75	289682	56.852	ug/l	94
37) Ethyl Acetate	7.565	43	269836	57.743	ug/l #	93
38) Carbon Tetrachloride	8.365	117	288922	56.263	ug/l	98
39) Methylcyclohexane	9.606	83	275122	57.374	ug/l #	88
40) Benzene	8.606	78	846286	55.453	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	148644	59.901	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	309881	58.129	ug/l	97
43) Isopropyl Acetate	8.688	43	448335	54.707	ug/l #	91
44) Trichloroethene	9.353	130	202513	53.475	ug/l	100
45) 1,2-Dichloropropane	9.624	63	230702	59.152	ug/l	96
46) Dibromomethane	9.712	93	147521	55.395	ug/l	94
47) Bromodichloromethane	9.888	83	310827	54.728	ug/l	98
48) Methyl methacrylate	9.682	41	216357	60.274	ug/l #	82
49) 1,4-Dioxane	9.694	88	66903	1054.793	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1405405	304.609	ug/l	89
52) Toluene	10.635	92	523436	57.853	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	322492	57.922	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	345413	56.917	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	204853	56.292	ug/l	91
56) Ethyl methacrylate	10.876	69	308431	59.419	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	366333	57.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	748036	284.328	ug/l	89
59) 2-Hexanone	11.200	43	1014936	287.554	ug/l	87
60) Dibromochloromethane	11.365	129	224477	57.627	ug/l	99
61) 1,2-Dibromoethane	11.471	107	203299	55.660	ug/l	98
64) Tetrachloroethene	11.106	164	166444	54.786	ug/l	98
65) Chlorobenzene	11.894	112	546604	53.718	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	204528	55.788	ug/l	98
67) Ethyl Benzene	11.965	91	1004121	56.639	ug/l	96
68) m/p-Xylenes	12.076	106	754763	114.287	ug/l	96
69) o-Xylene	12.400	106	358324	56.346	ug/l	91
70) Styrene	12.412	104	613148	59.995	ug/l	97
71) Bromoform	12.582	173	146671	56.341	ug/l #	100
73) Isopropylbenzene	12.700	105	910255	54.513	ug/l	99
74) N-amyl acetate	12.500	43	394766	54.163	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	305989	51.684	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	376239	72.838	ug/l	73
77) Bromobenzene	12.982	156	218565	53.463	ug/l	95
78) n-propylbenzene	13.041	91	1094371	57.231	ug/l	97
79) 2-Chlorotoluene	13.129	91	660749	54.091	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	750649	57.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	92207	48.568	ug/l	87
82) 4-Chlorotoluene	13.223	91	665732	54.843	ug/l	99
83) tert-Butylbenzene	13.441	119	610478	57.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	753435	58.945	ug/l	100
85) sec-Butylbenzene	13.617	105	858338	58.258	ug/l	100
86) p-Isopropyltoluene	13.735	119	705070	58.696	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	398691	52.424	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	399766	51.787	ug/l	99
89) n-Butylbenzene	14.059	91	604564	58.434	ug/l	99
90) Hexachloroethane	14.335	117	133324	56.043	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	386556	53.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53713	53.499	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	184049	53.916	ug/l	96
94) Hexachlorobutadiene	15.506	225	85096	54.990	ug/l	100
95) Naphthalene	15.641	128	604523	52.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	183173	54.741	ug/l	98

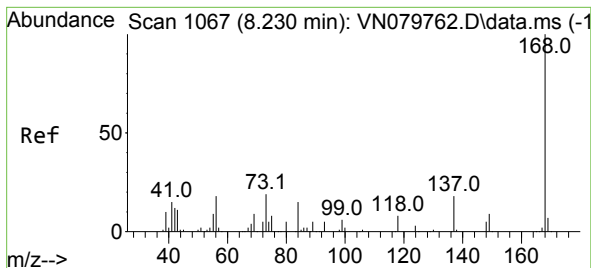
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

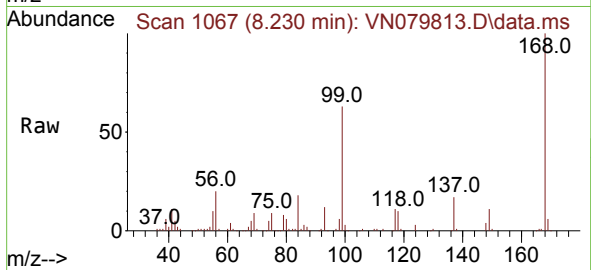
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

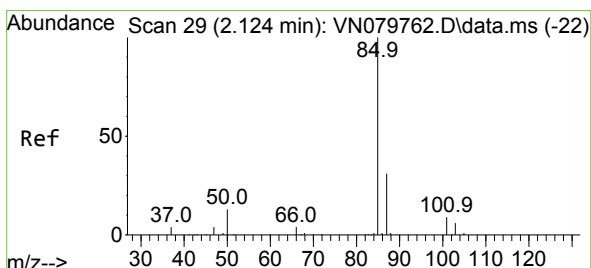
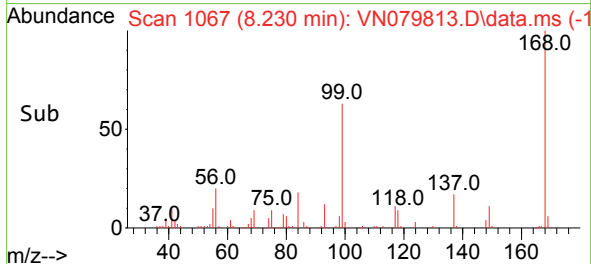
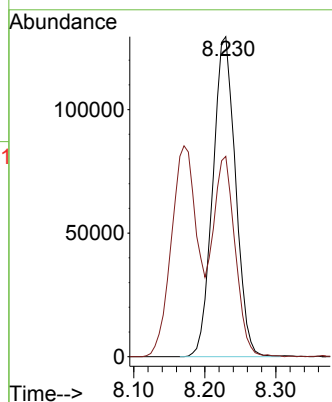


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Instrument :
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ClientSampleId :
VSTDCCC050EC

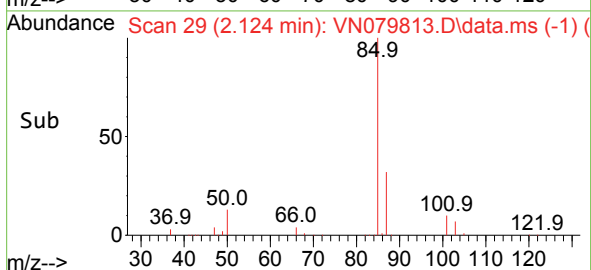
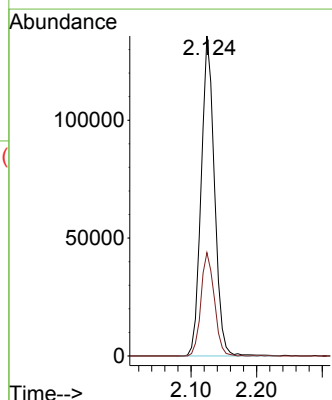
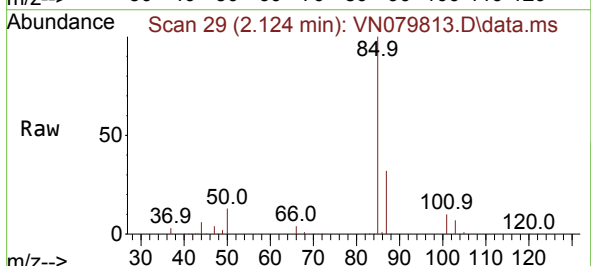


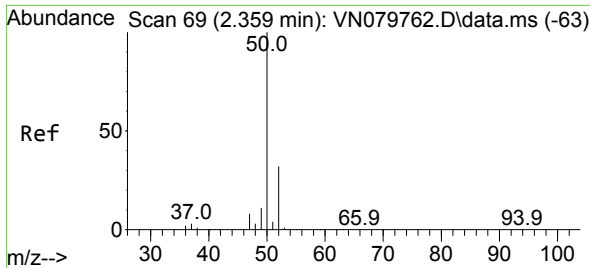
Tgt Ion:168 Resp: 287456
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 55.445 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 85 Resp: 191976
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4

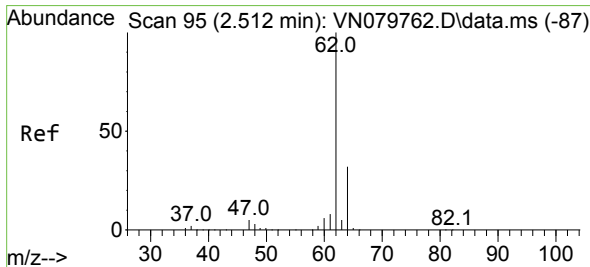
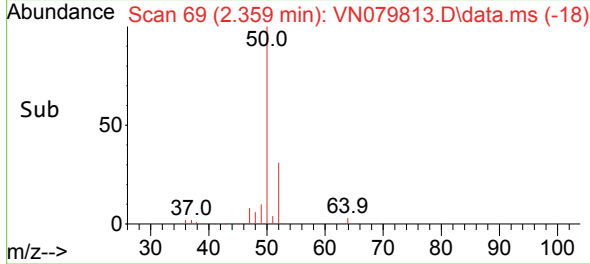
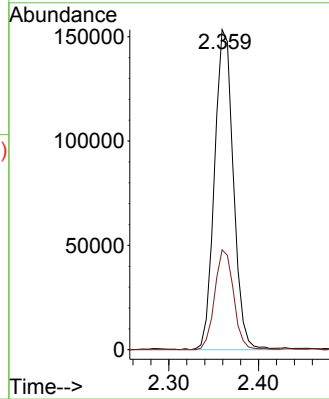
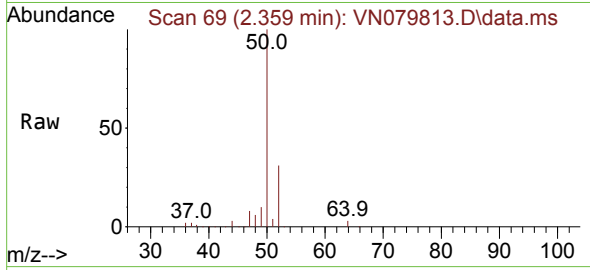




#3
Chloromethane
Concen: 52.268 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

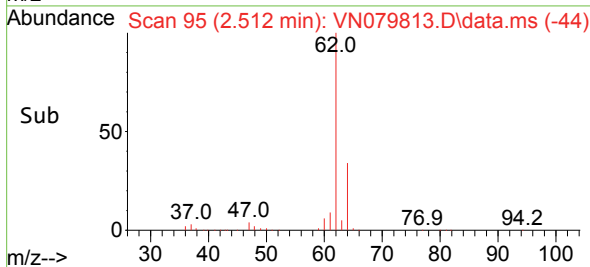
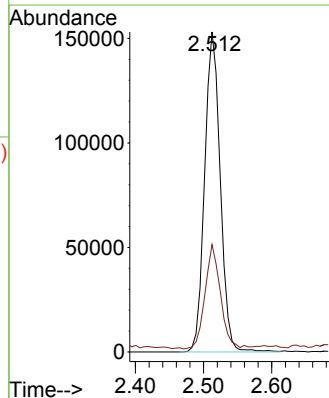
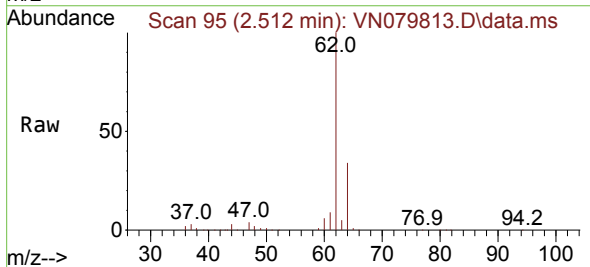
Instrument :
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ClientSampleId :
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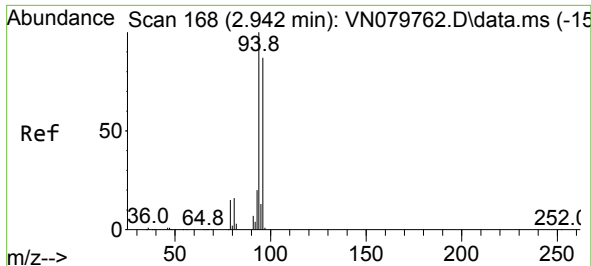
Tgt Ion: 50 Resp: 224602
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7



#4
Vinyl Chloride
Concen: 53.928 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 62 Resp: 244422
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

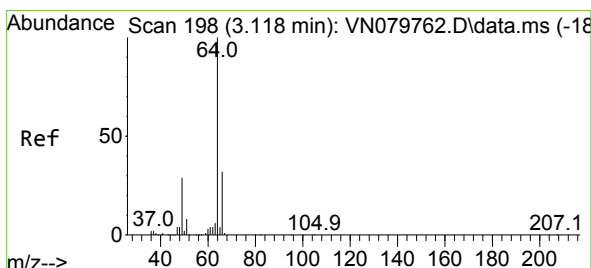
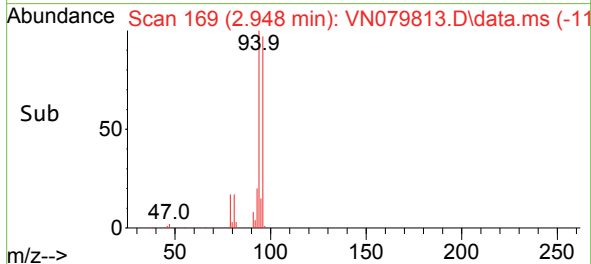
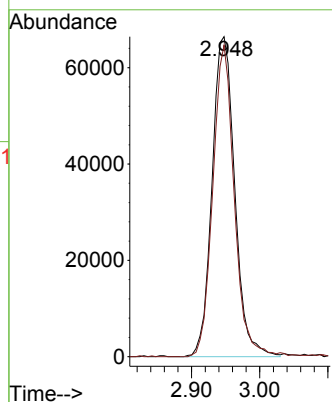
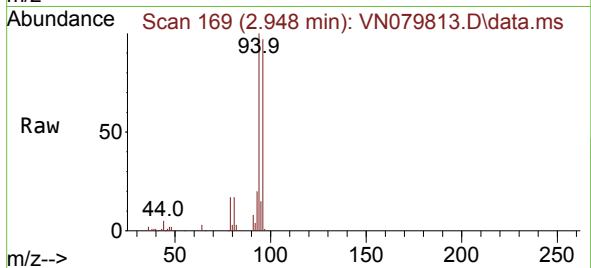




#5
Bromomethane
Concen: 55.966 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

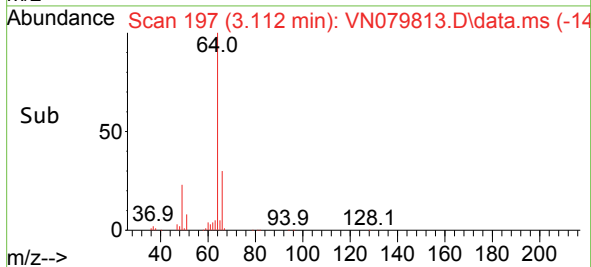
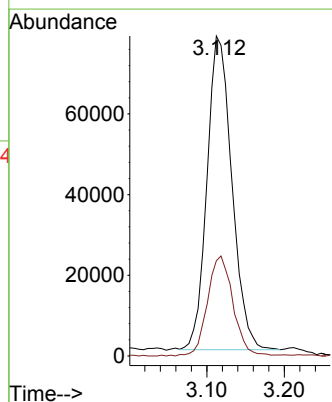
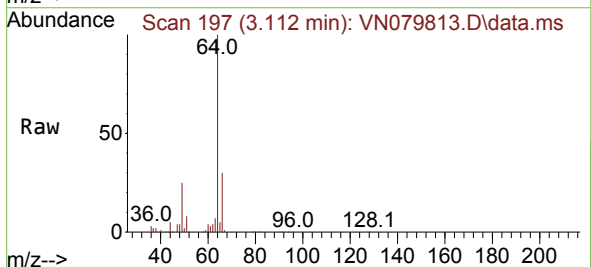
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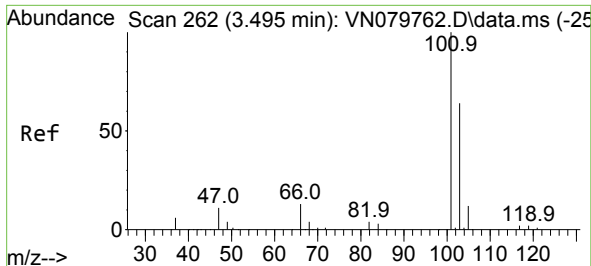
Tgt Ion: 94 Resp: 154121
Ion Ratio Lower Upper
94 100
96 97.3 73.1 109.7



#6
Chloroethane
Concen: 48.497 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 64 Resp: 173679
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2

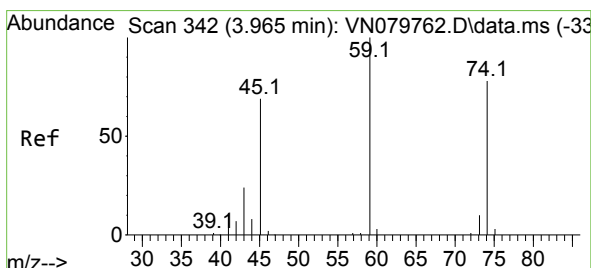
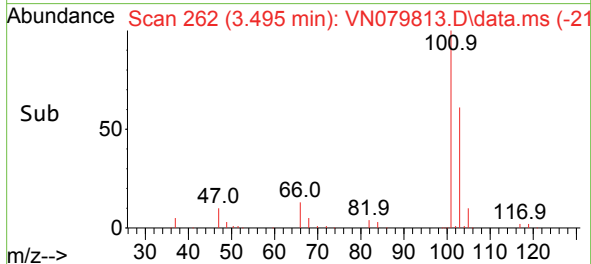
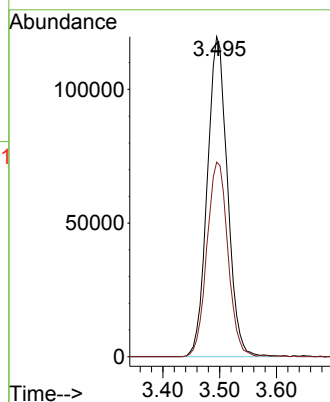
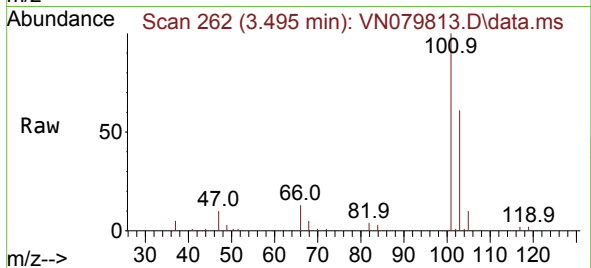




#7
Trichlorofluoromethane
Concen: 52.312 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

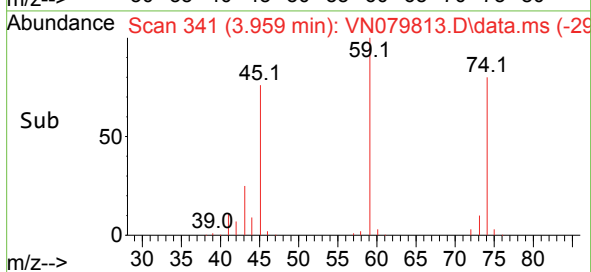
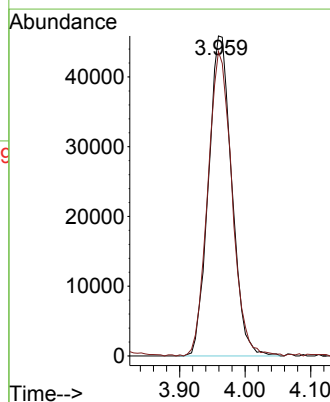
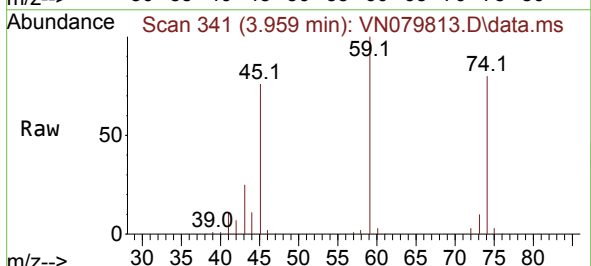
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

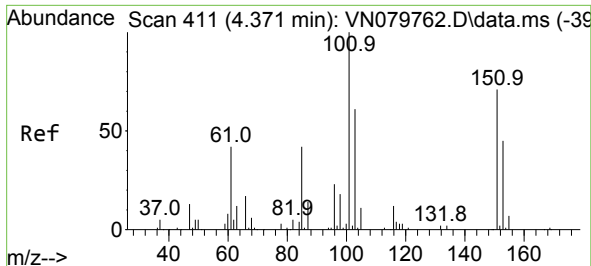
Tgt Ion:101 Resp: 294894
Ion Ratio Lower Upper
101 100
103 60.8 50.7 76.1



#8
Diethyl Ether
Concen: 53.086 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 74 Resp: 113563
Ion Ratio Lower Upper
74 100
45 98.4 34.4 103.3

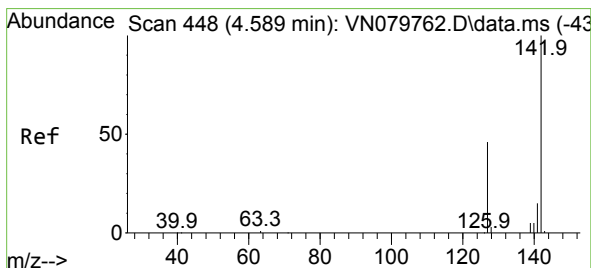
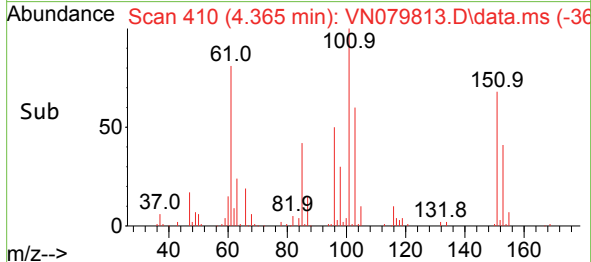
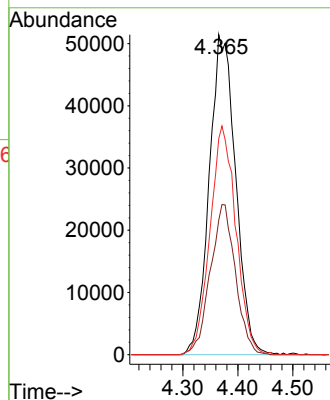
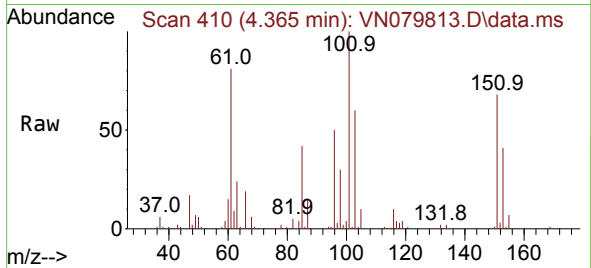




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.375 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079813.D
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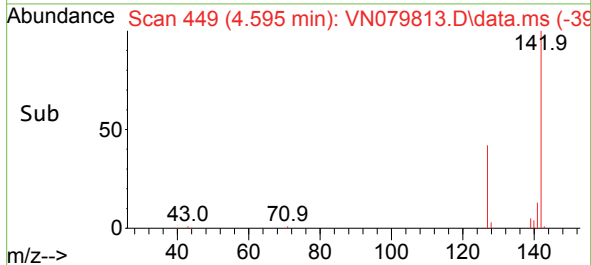
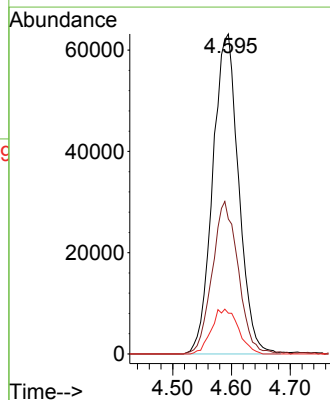
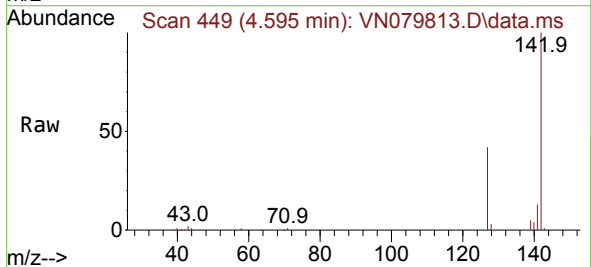
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

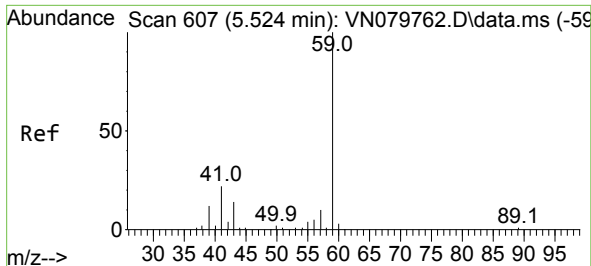
Tgt Ion:101 Resp: 171155
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 70.5 57.6 86.4



#10
Methyl Iodide
Concen: 51.839 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:142 Resp: 193456
Ion Ratio Lower Upper
142 100
127 42.2 37.6 56.4
141 12.8 11.4 17.0

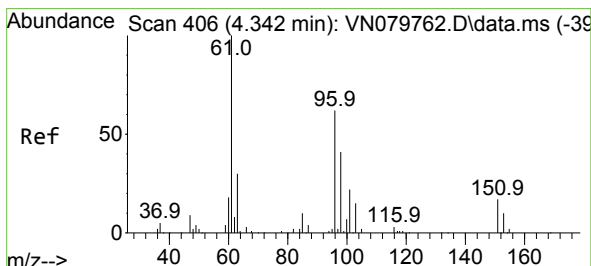
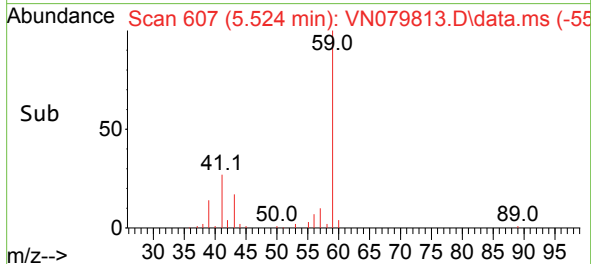
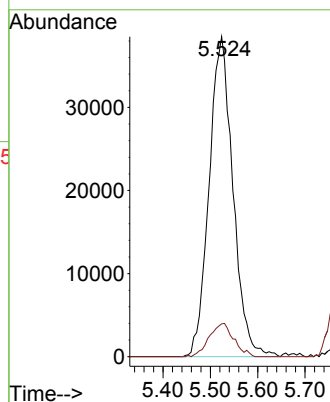
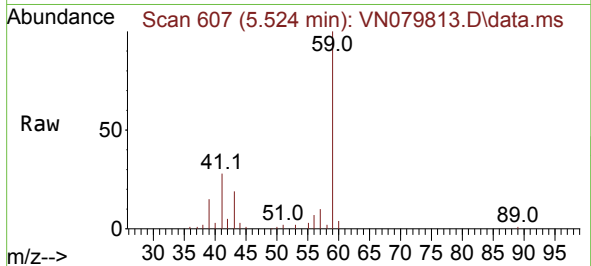




#11
Tert butyl alcohol
Concen: 240.690 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

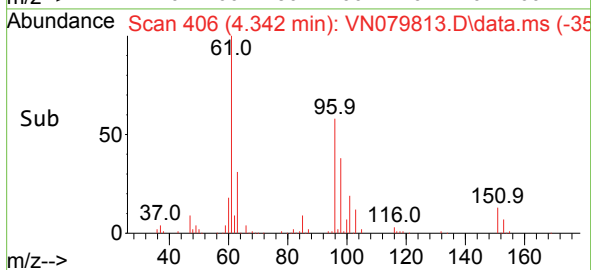
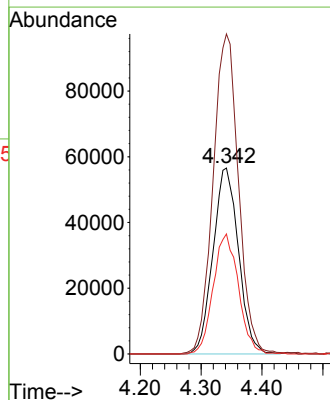
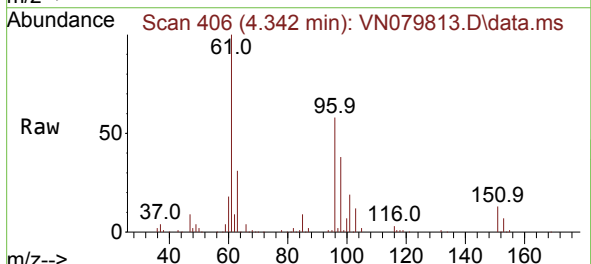
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

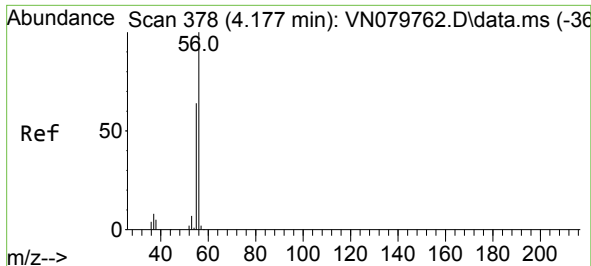
Tgt Ion: 59 Resp: 134560
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.193 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 96 Resp: 164586
Ion Ratio Lower Upper
96 100
61 172.1 112.7 169.1#
98 64.6 51.2 76.8





#13

Acrolein

Concen: 329.126 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

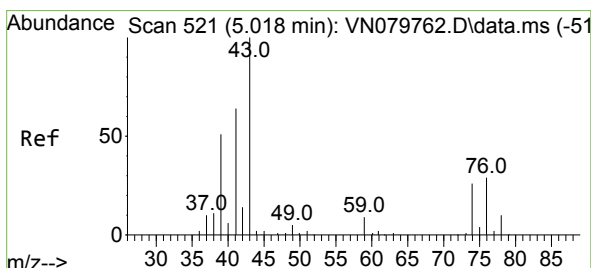
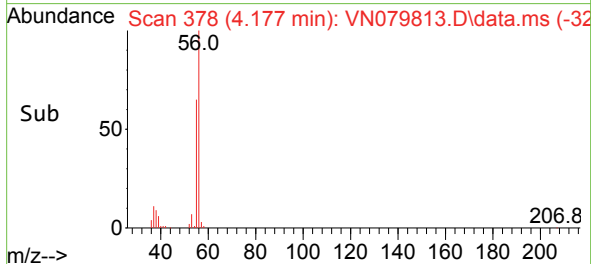
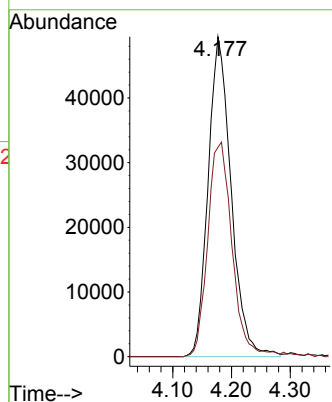
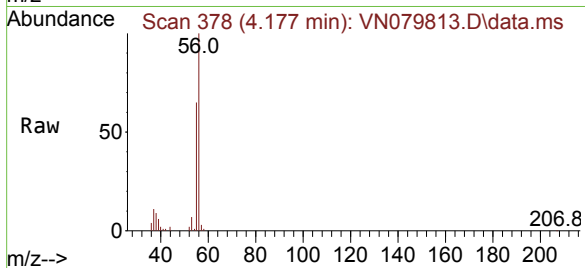
VSTDCCC050EC

Tgt Ion: 56 Resp: 134852

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 55.877 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

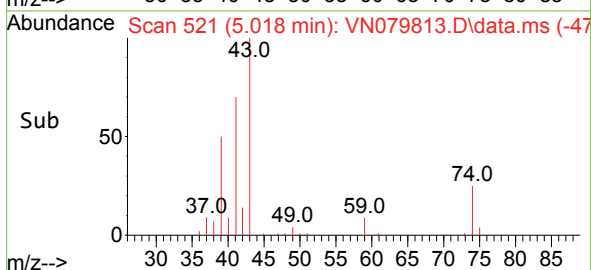
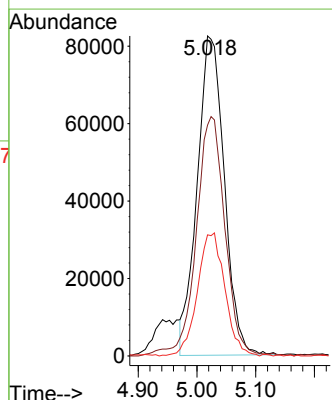
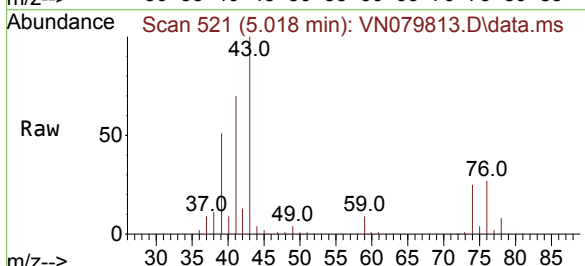
Tgt Ion: 41 Resp: 264805

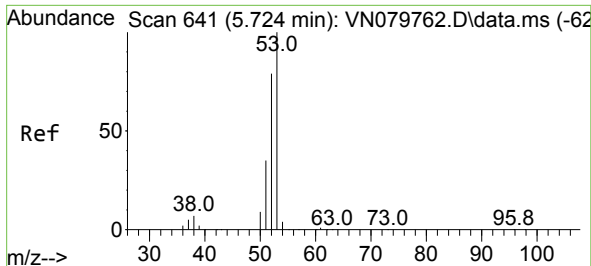
Ion Ratio Lower Upper

41 100

39 79.6 58.8 88.2

76 39.0 39.1 58.7#

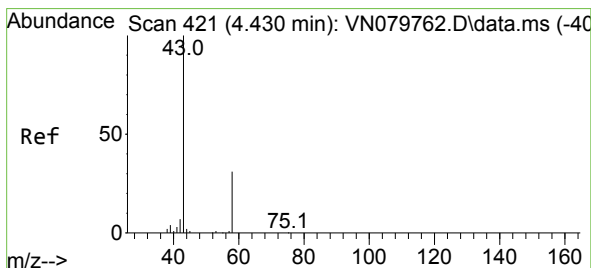
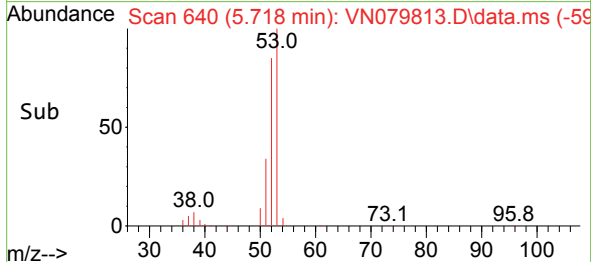
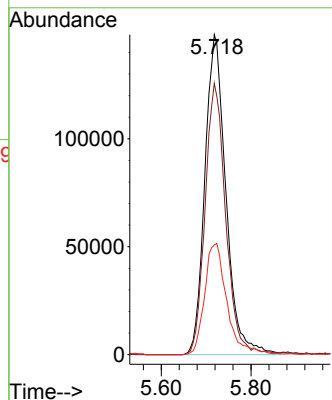
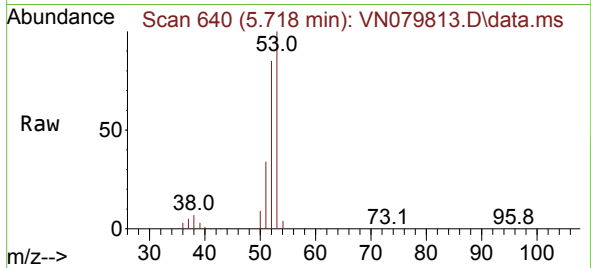




#15
Acrylonitrile
Concen: 276.877 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

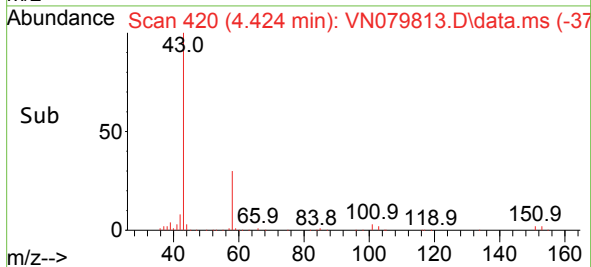
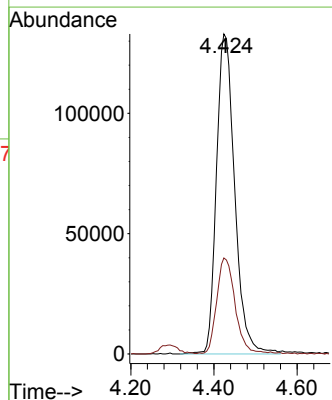
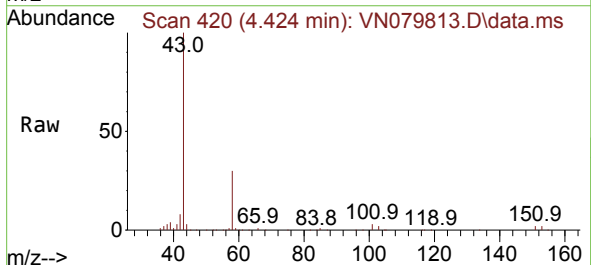
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

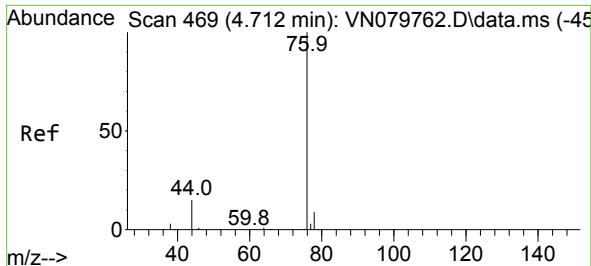
Tgt Ion: 53 Resp: 482382
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 263.185 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 43 Resp: 404867
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

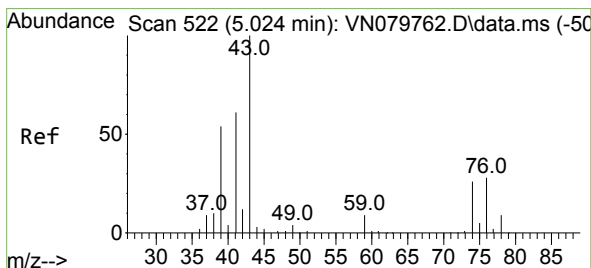
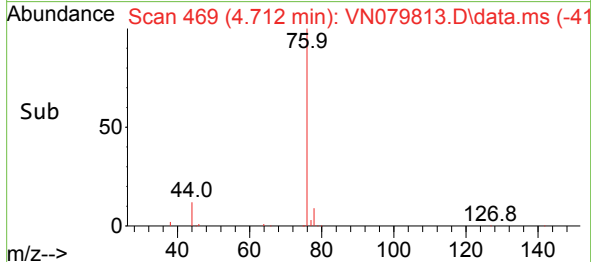
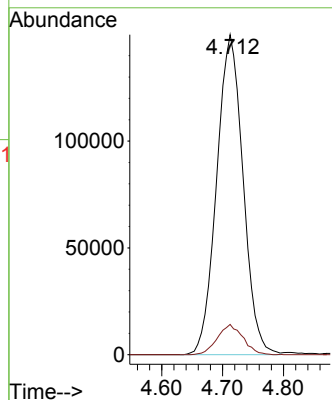
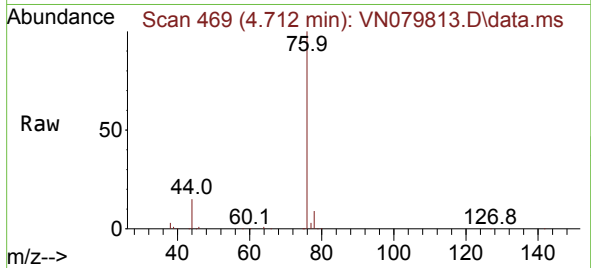




#17
Carbon Disulfide
Concen: 50.611 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

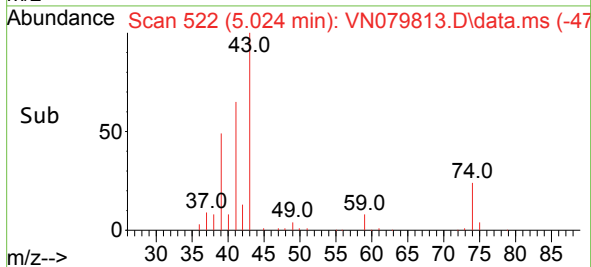
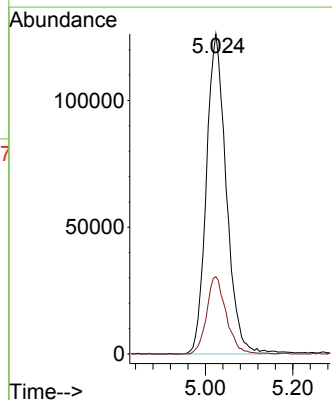
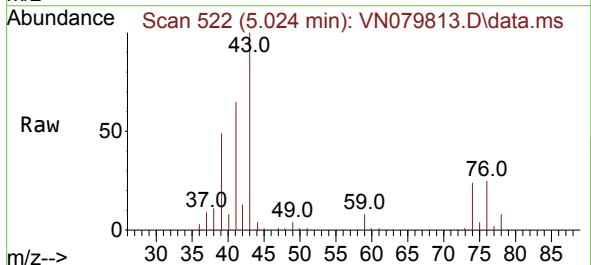
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

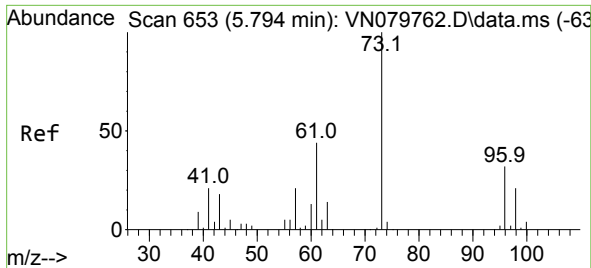
Tgt Ion: 76 Resp: 451702
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 54.417 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 43 Resp: 400503
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#

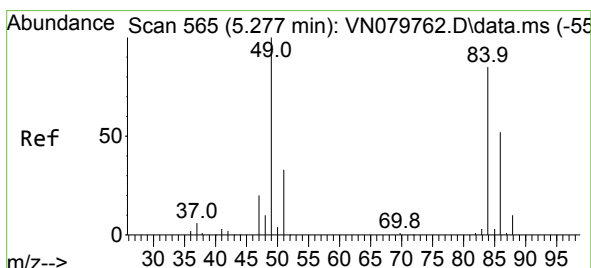
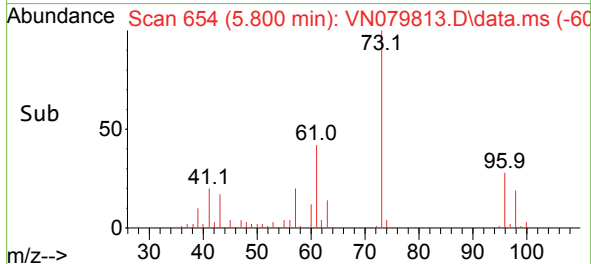
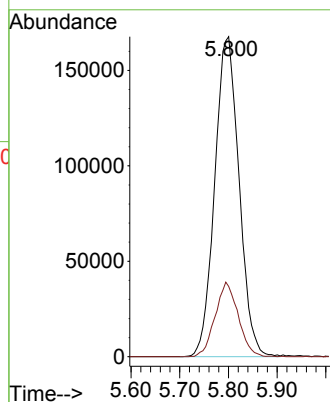
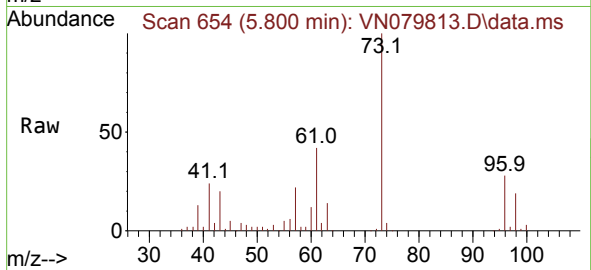




#19
Methyl tert-butyl Ether
Concen: 54.622 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

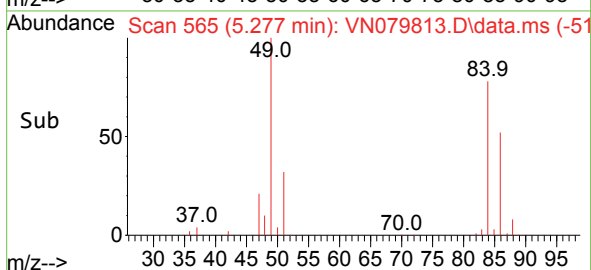
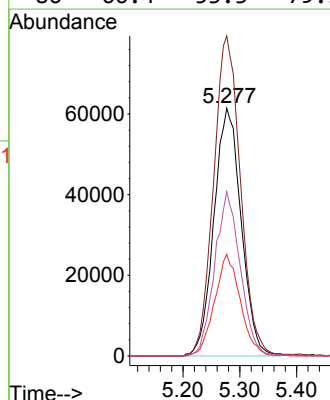
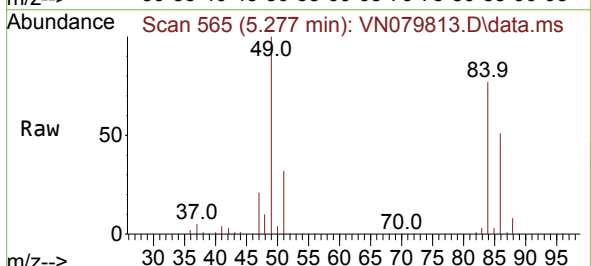
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

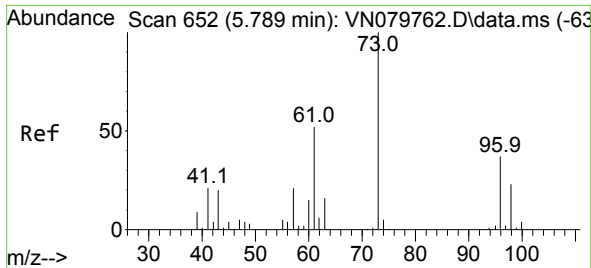
Tgt Ion: 73 Resp: 581872
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4



#20
Methylene Chloride
Concen: 52.623 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 84 Resp: 204264
Ion Ratio Lower Upper
84 100
49 129.2 79.7 119.5#
51 41.0 25.2 37.8#
86 66.4 53.3 79.9

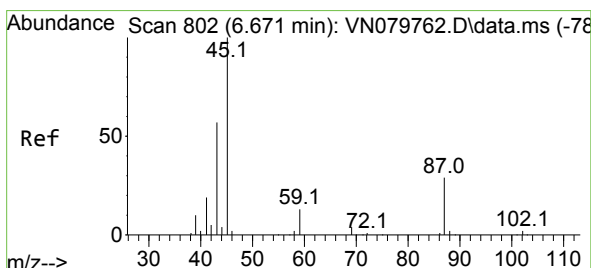
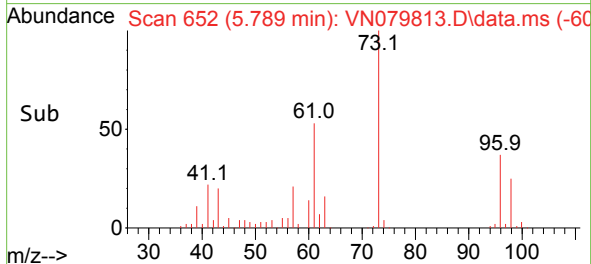
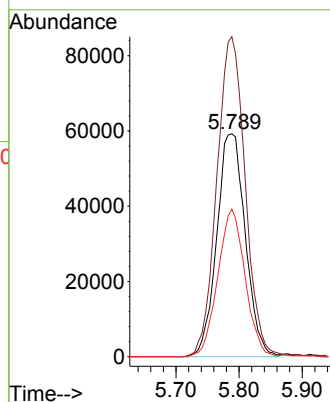
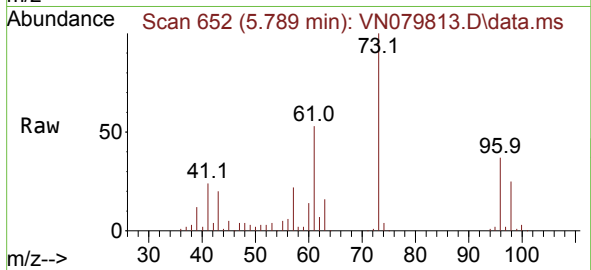




#21
trans-1,2-Dichloroethene
Concen: 53.860 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

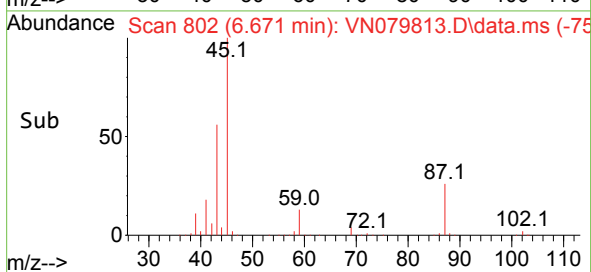
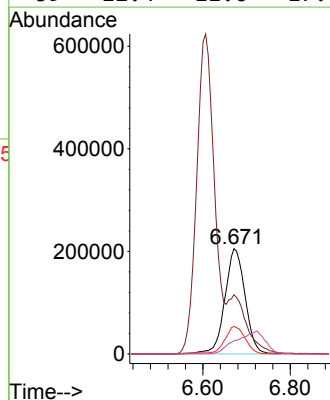
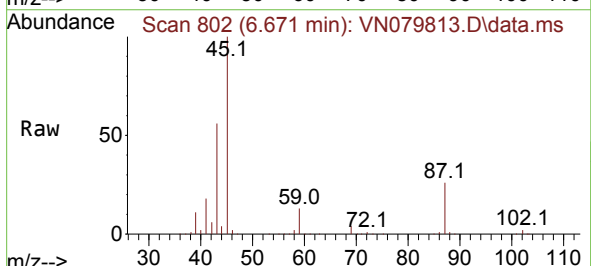
Instrument :
MSVOA_N
ClientSampleId :
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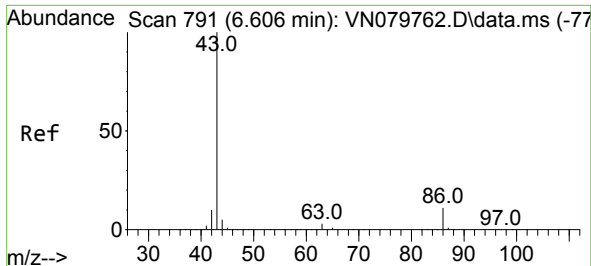
Tgt Ion: 96 Resp: 185864
Ion Ratio Lower Upper
96 100
61 143.6 90.1 135.1#
98 66.2 46.4 69.6



#22
Diisopropyl ether
Concen: 59.877 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 45 Resp: 657597
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 26.0 31.8 47.8#
59 12.4 11.6 17.4

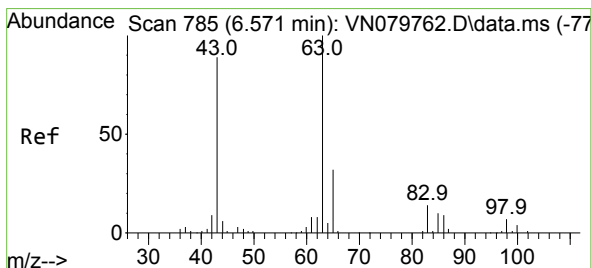
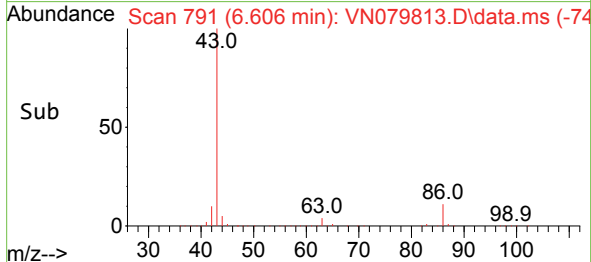
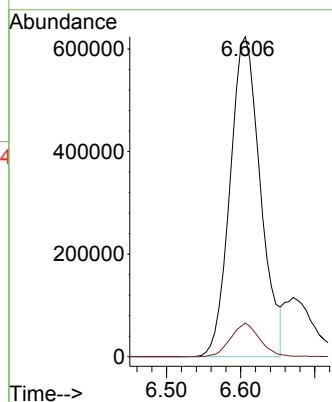
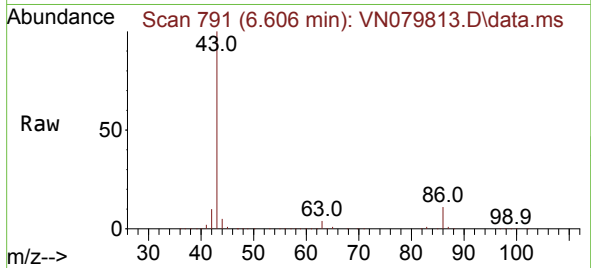




#23
 Vinyl Acetate
 Concen: 293.368 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

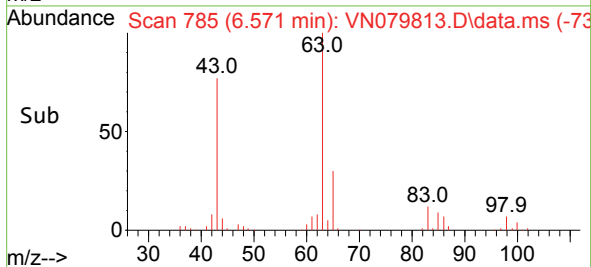
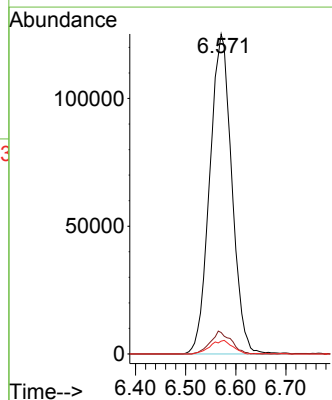
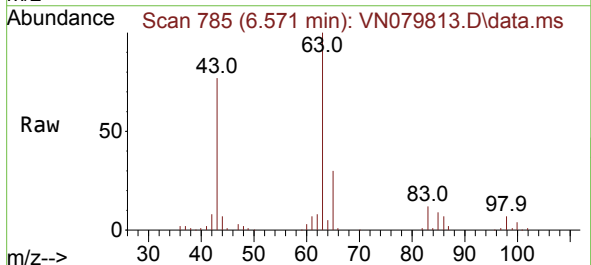
Instrument :
 MSVOA_N
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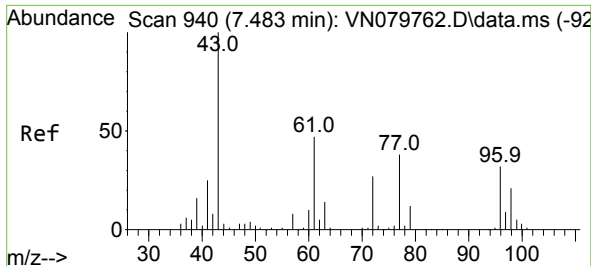
Tgt Ion: 43 Resp: 1777190
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 57.417 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

Tgt Ion: 63 Resp: 383265
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.0 2.5 7.4

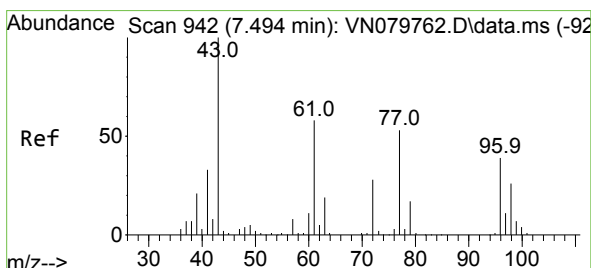
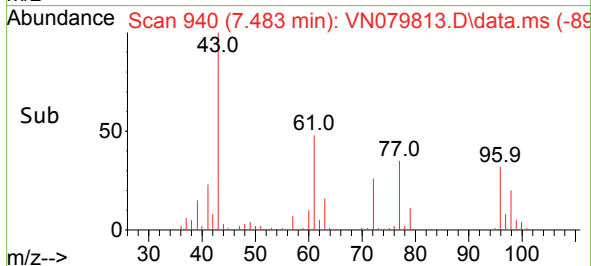
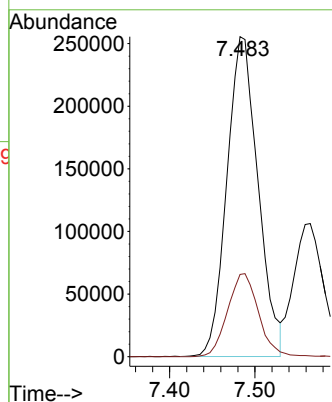
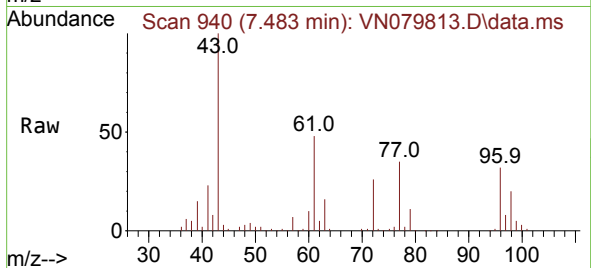




#25
2-Butanone
Concen: 287.933 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

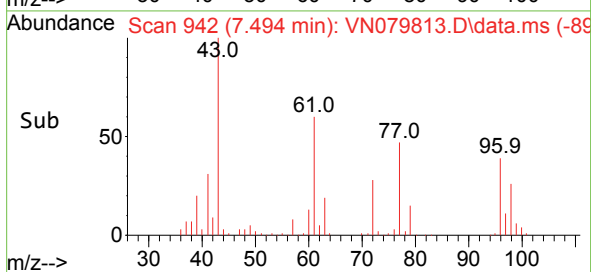
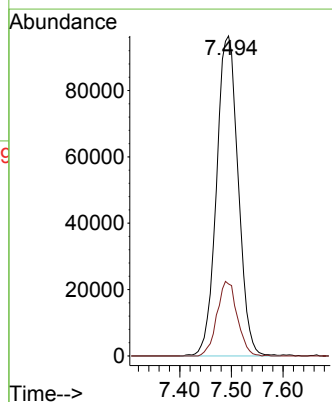
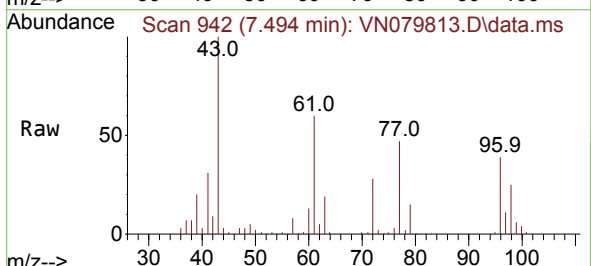
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

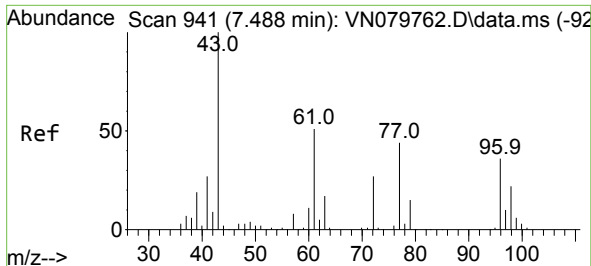
Tgt Ion: 43 Resp: 648620
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.815 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 77 Resp: 280526
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6

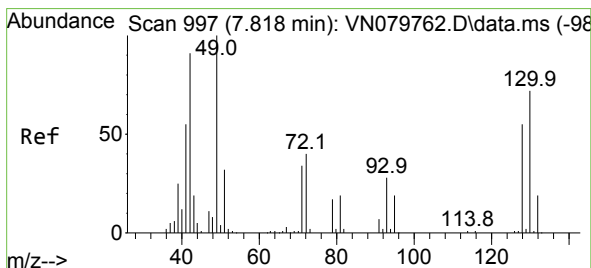
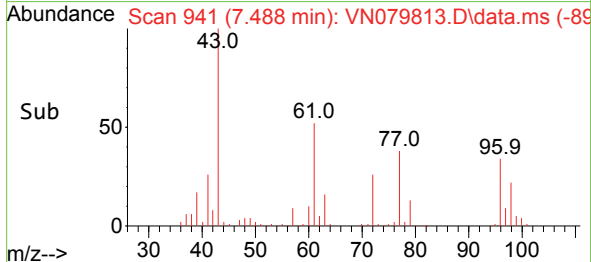
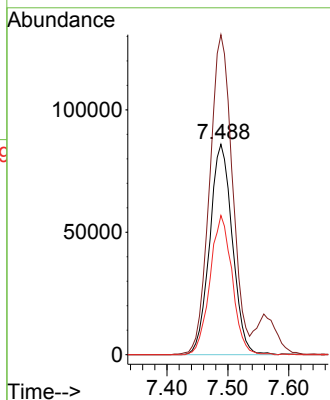
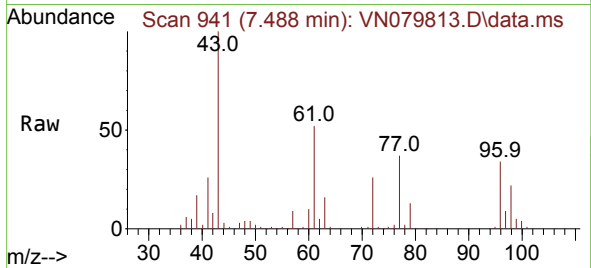




#27
 cis-1,2-Dichloroethene
 Concen: 53.894 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

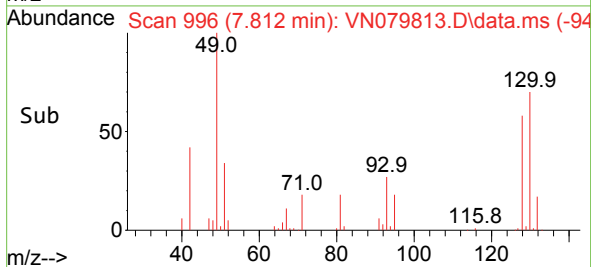
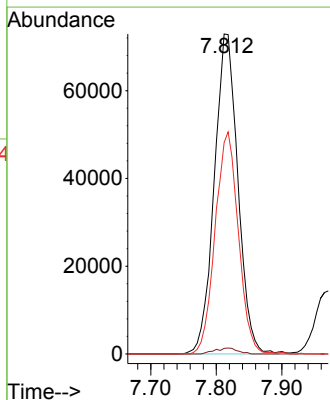
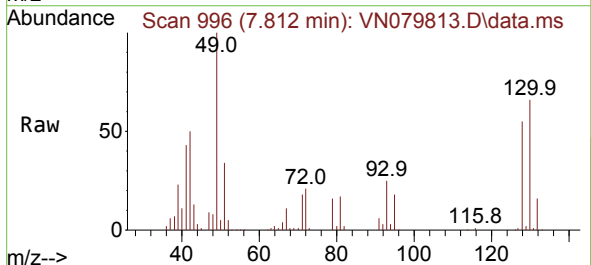
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

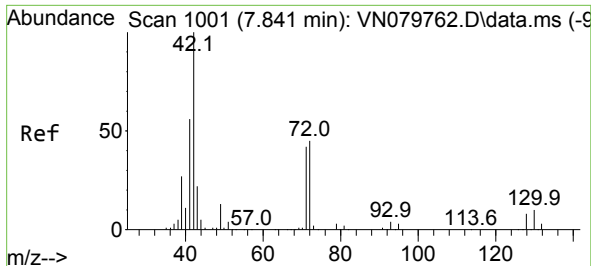
Tgt Ion: 96 Resp: 222468
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 255.2
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 56.011 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

Tgt Ion: 49 Resp: 182207
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 298.963 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

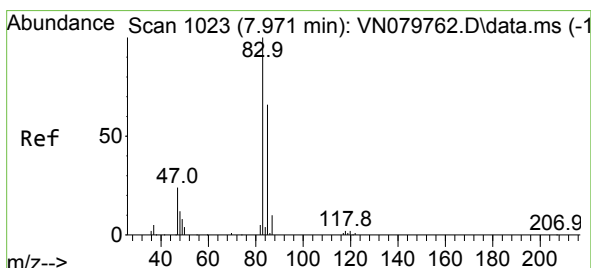
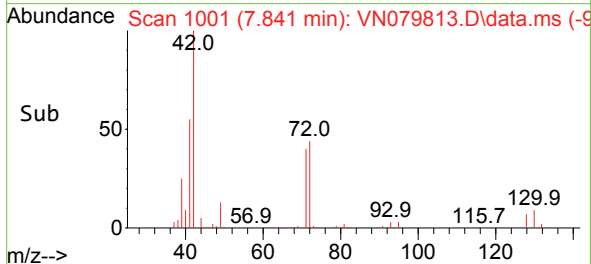
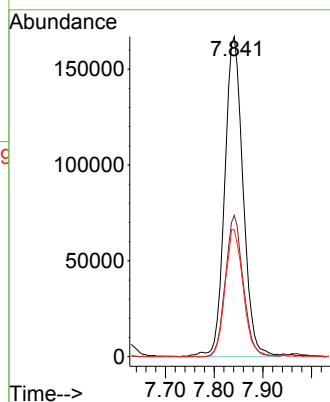
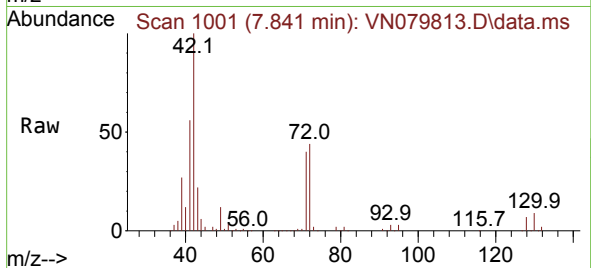
Tgt Ion: 42 Resp: 438166

Ion Ratio Lower Upper

42 100

72 42.9 49.8 74.6#

71 39.1 47.4 71.2#



#30

Chloroform

Concen: 54.198 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079813.D

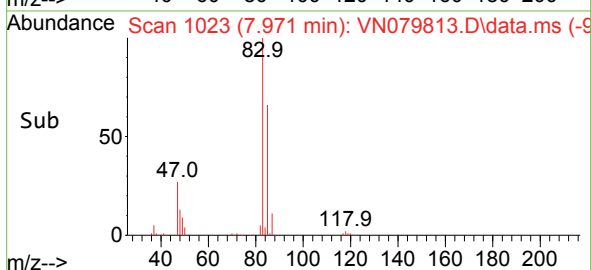
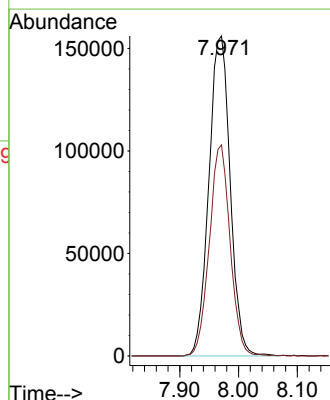
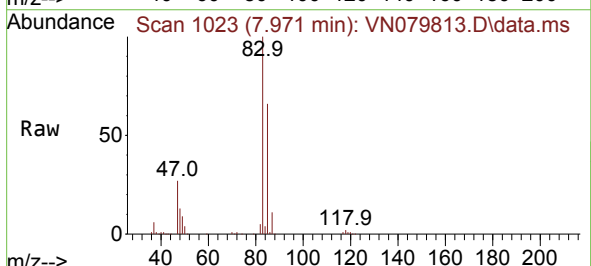
Acq: 02 Nov 2023 21:32

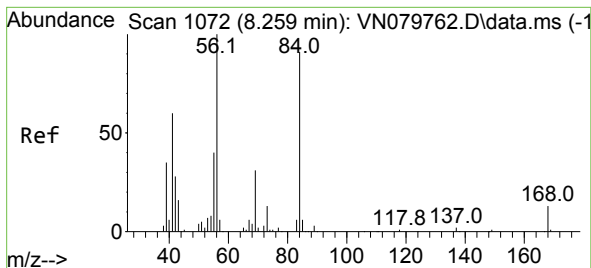
Tgt Ion: 83 Resp: 392982

Ion Ratio Lower Upper

83 100

85 66.0 55.4 83.0





#31

Cyclohexane

Concen: 53.876 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

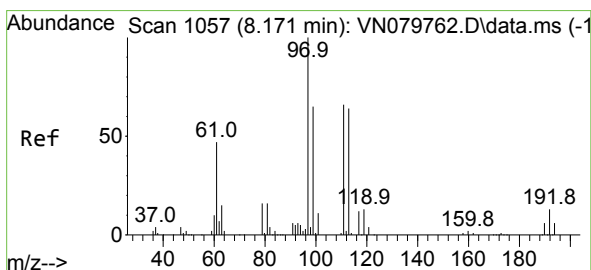
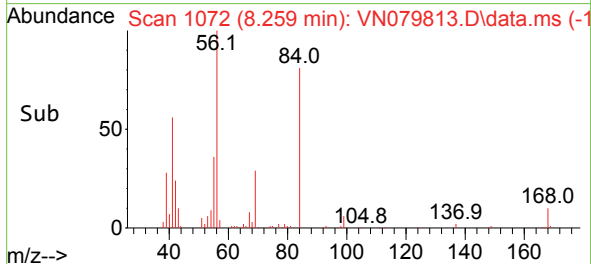
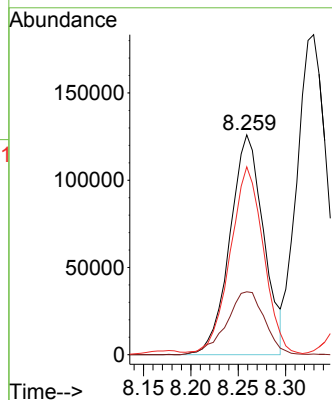
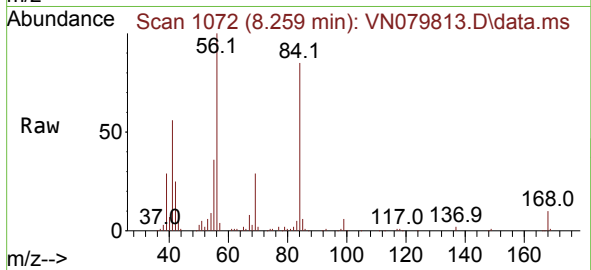
Tgt Ion: 56 Resp: 311787

Ion Ratio Lower Upper

56 100

69 28.6 26.8 40.2

84 84.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 56.519 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

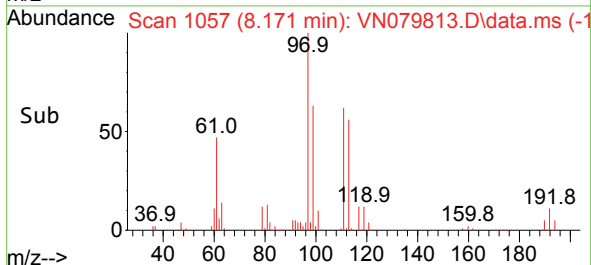
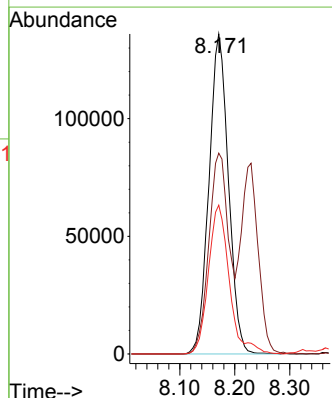
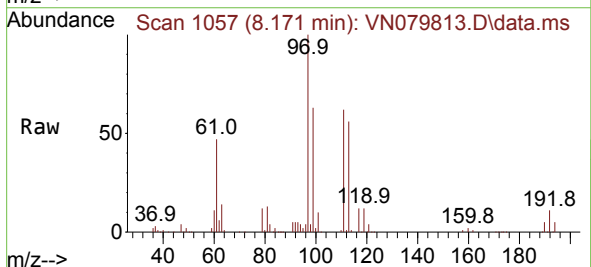
Tgt Ion: 97 Resp: 333914

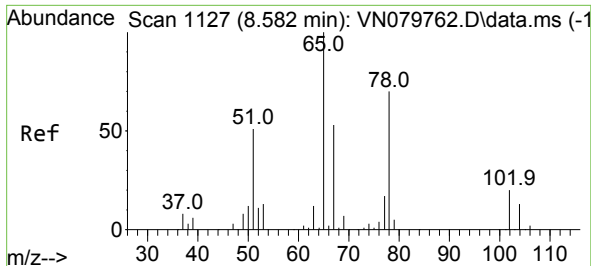
Ion Ratio Lower Upper

97 100

99 64.9 50.3 75.5

61 50.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.859 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

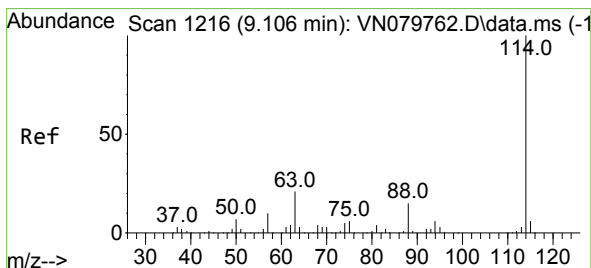
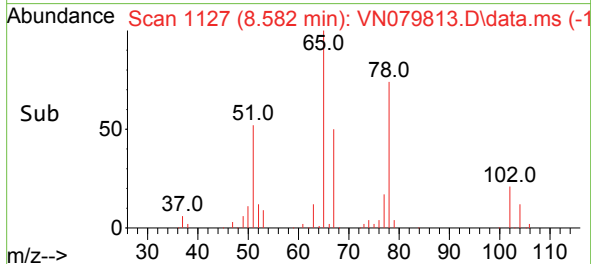
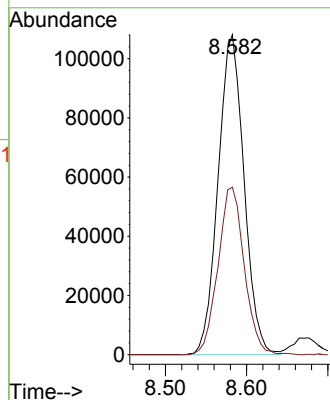
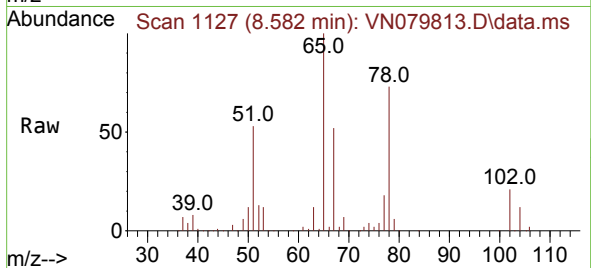
VSTDCCC050EC

Tgt Ion: 65 Resp: 240256

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

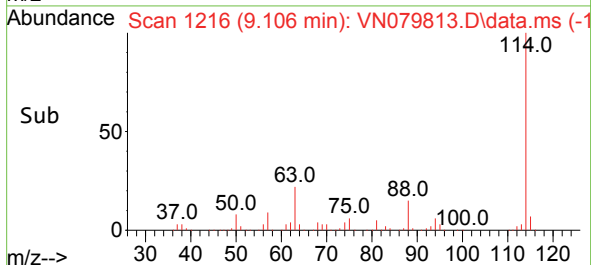
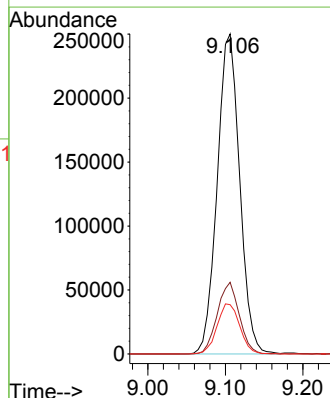
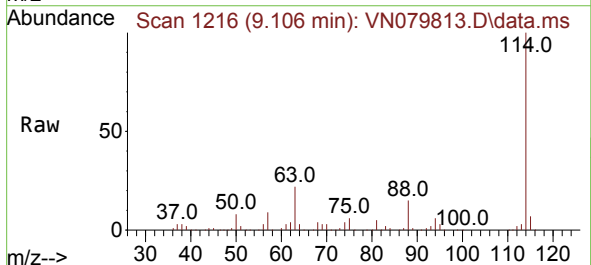
Tgt Ion: 114 Resp: 504213

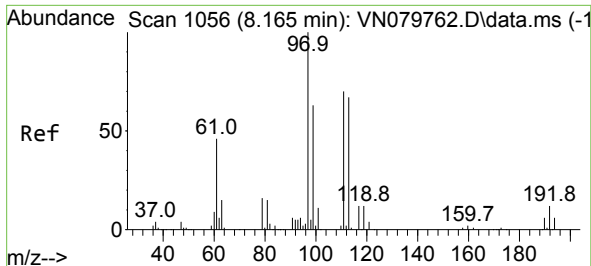
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.4 0.0 30.6

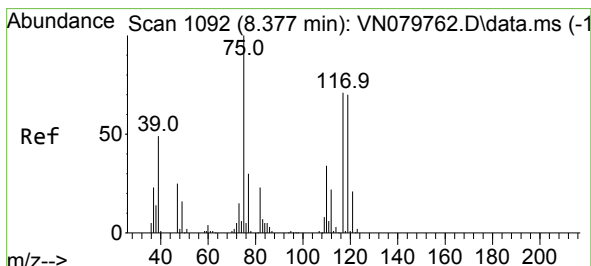
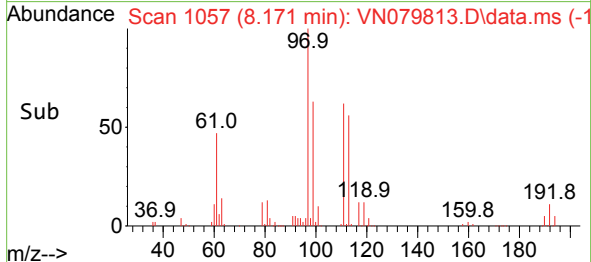
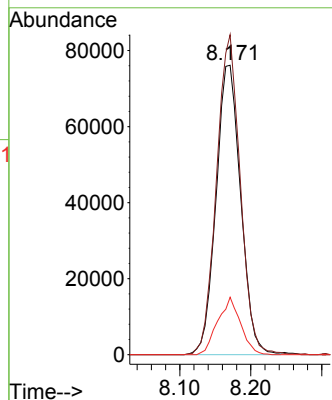
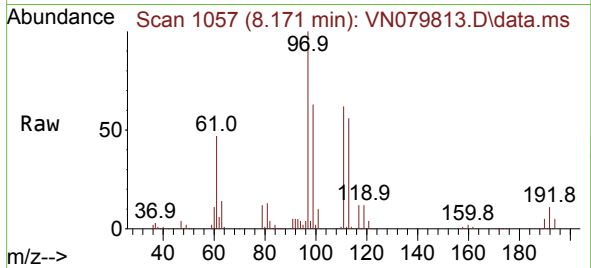




#35
Dibromofluoromethane
Concen: 51.397 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

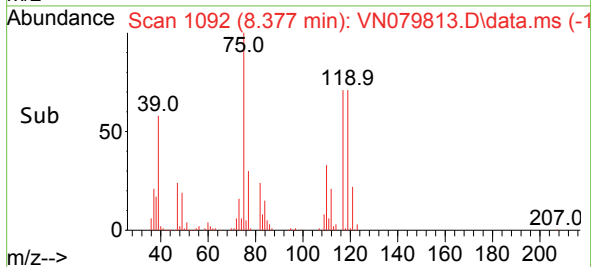
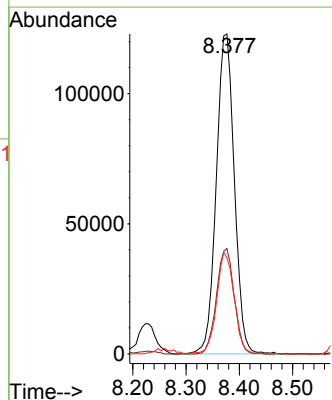
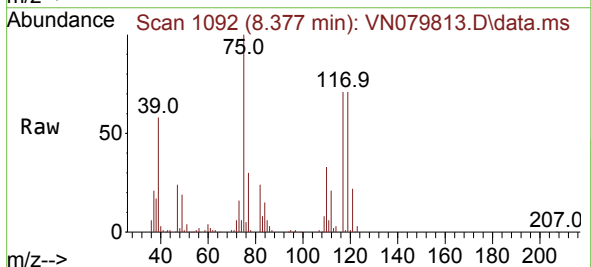
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

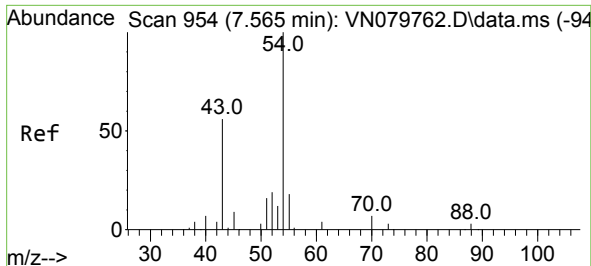
Tgt Ion:113 Resp: 183415
Ion Ratio Lower Upper
113 100
111 106.5 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 56.852 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 75 Resp: 289682
Ion Ratio Lower Upper
75 100
110 32.3 19.1 57.3
77 30.6 25.0 37.4

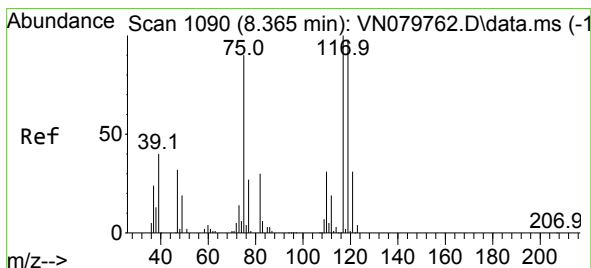
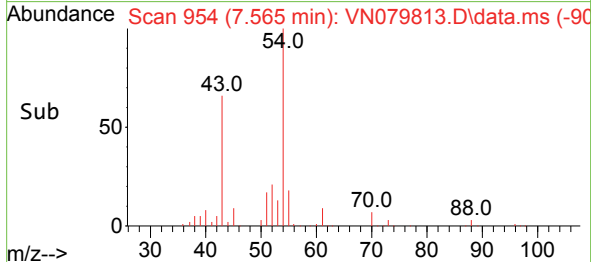
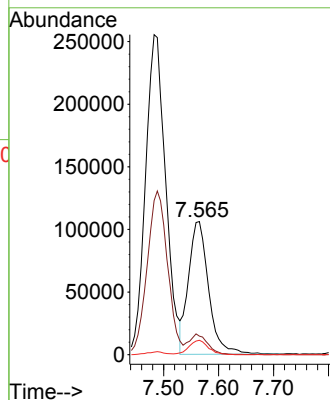
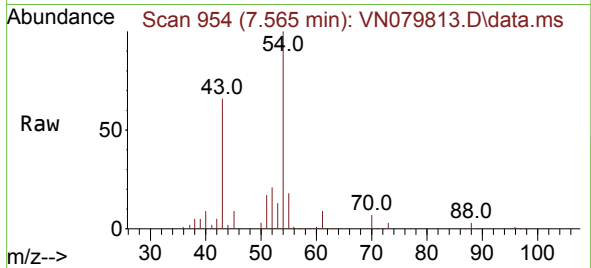




#37
Ethyl Acetate
Concen: 57.743 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

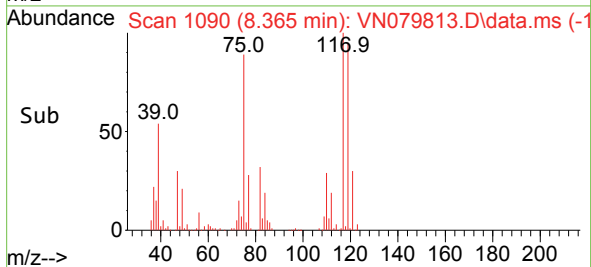
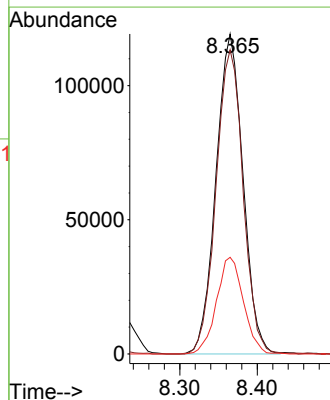
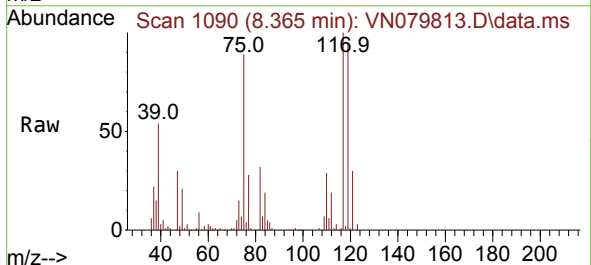
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

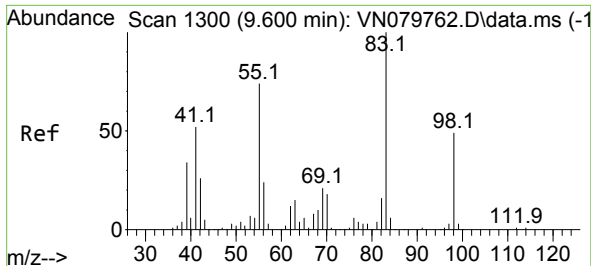
Tgt Ion: 43 Resp: 269836
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 10.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 56.263 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 117 Resp: 288922
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 57.374 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

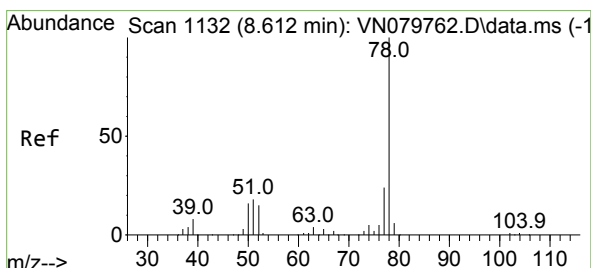
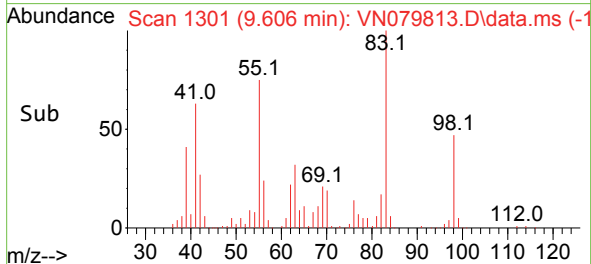
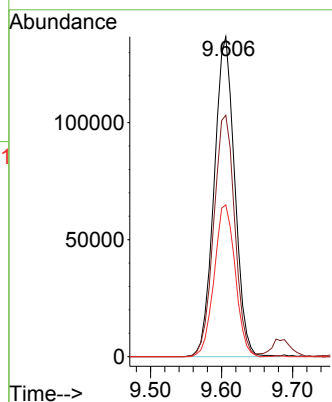
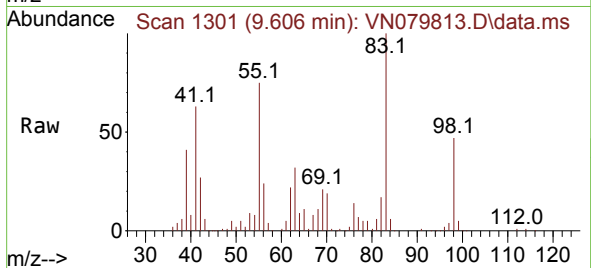
Tgt Ion: 83 Resp: 275122

Ion Ratio Lower Upper

83 100

55 75.5 49.1 73.7#

98 47.4 40.6 61.0



#40

Benzene

Concen: 55.453 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079813.D

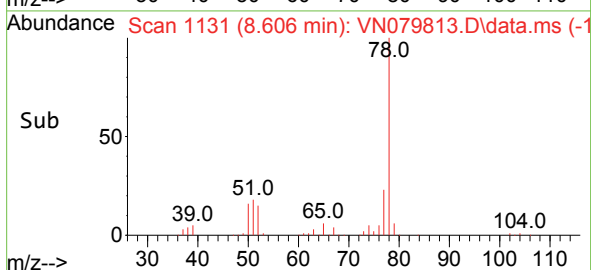
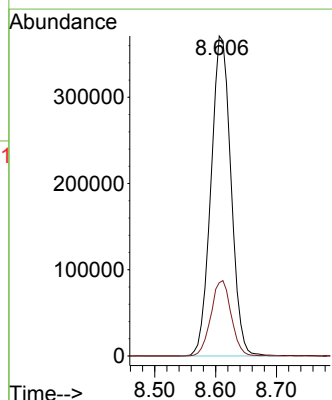
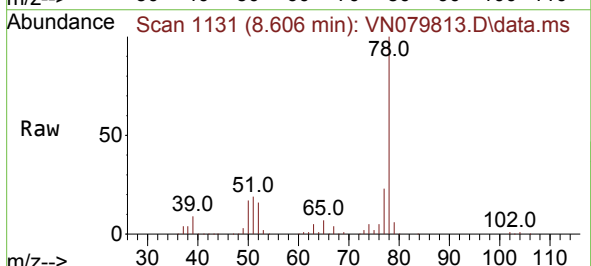
Acq: 02 Nov 2023 21:32

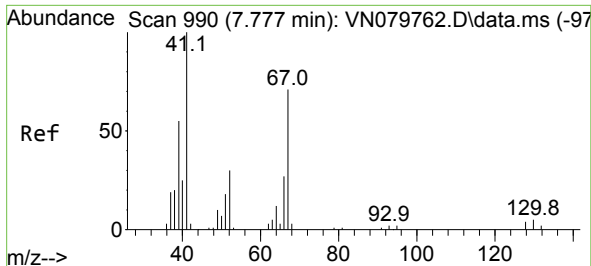
Tgt Ion: 78 Resp: 846286

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

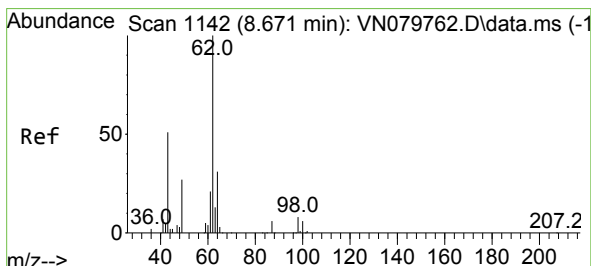
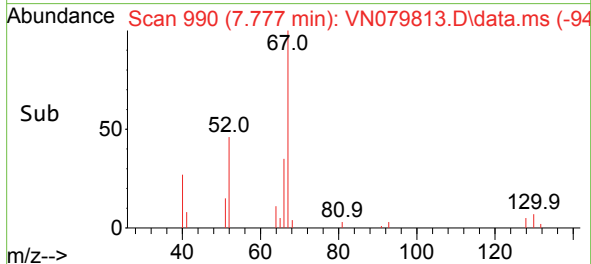
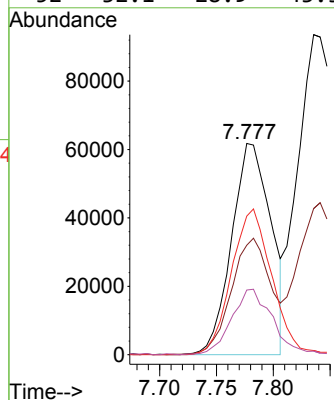
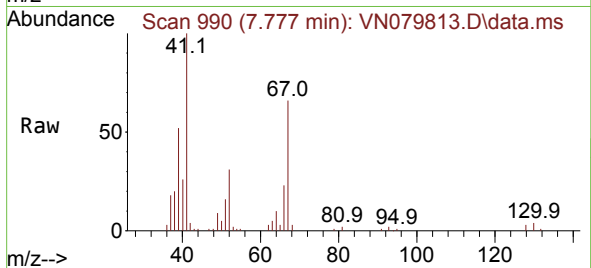




#41
Methacrylonitrile
Concen: 59.901 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

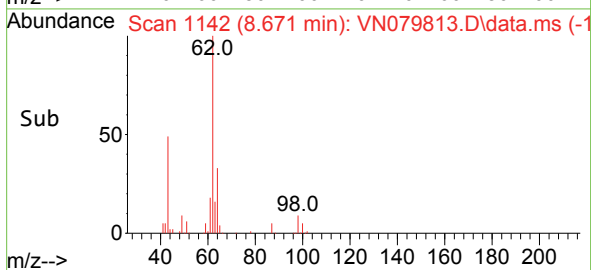
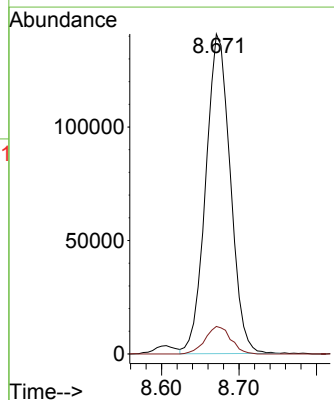
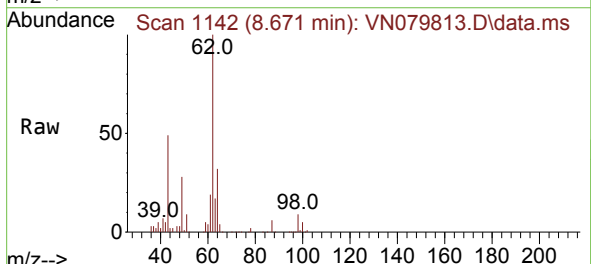
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

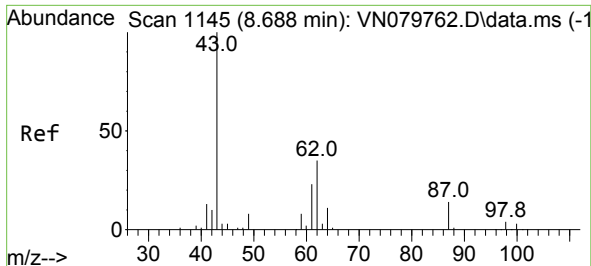
Tgt Ion:	41	Resp:	148644
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	64.0
67	71.1	77.5	116.3
52	32.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 58.129 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:	62	Resp:	309881
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

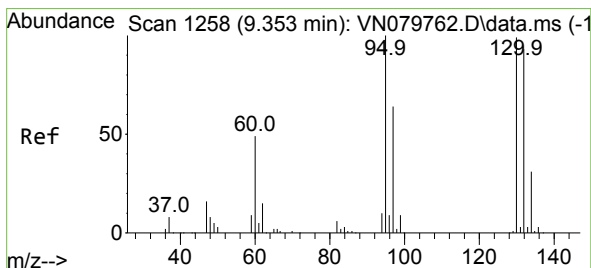
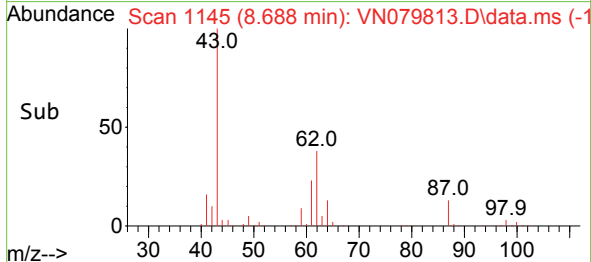
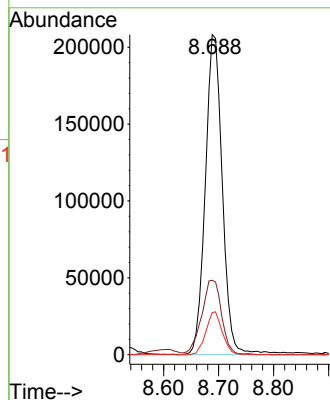
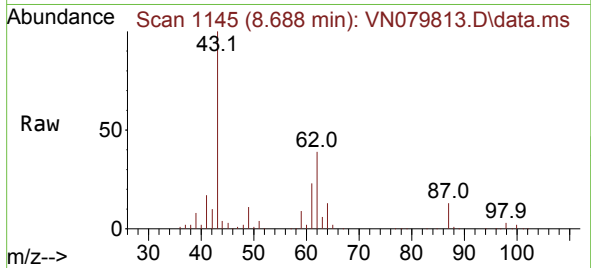




#43
Isopropyl Acetate
Concen: 54.707 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

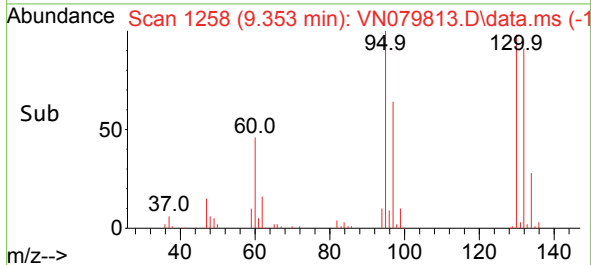
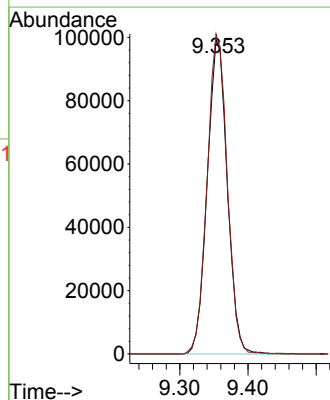
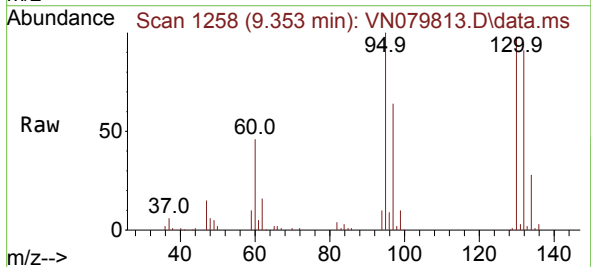
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

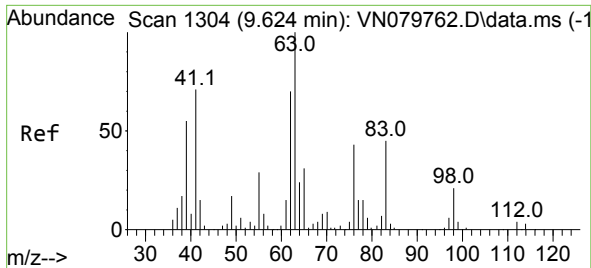
Tgt Ion: 43 Resp: 448335
Ion Ratio Lower Upper
43 100
61 27.3 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 53.475 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:130 Resp: 202513
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6

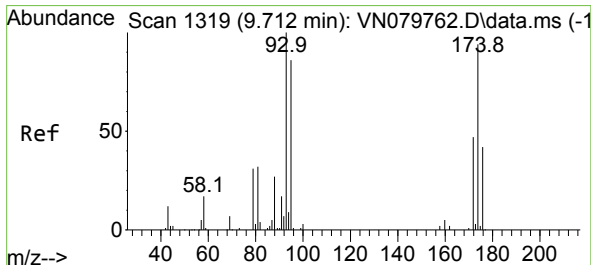
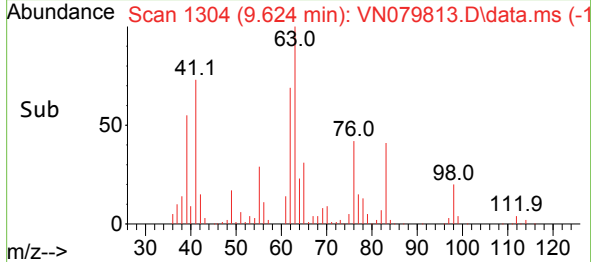
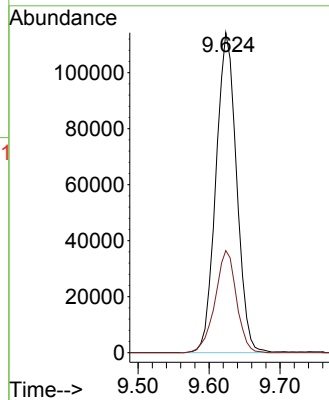
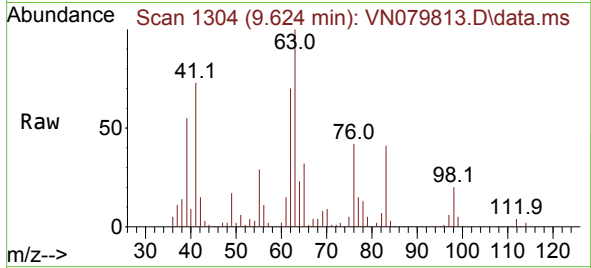




#45
1,2-Dichloropropane
Concen: 59.152 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

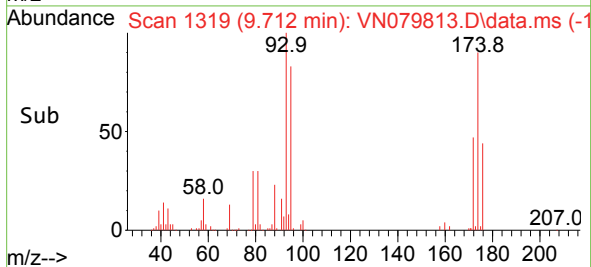
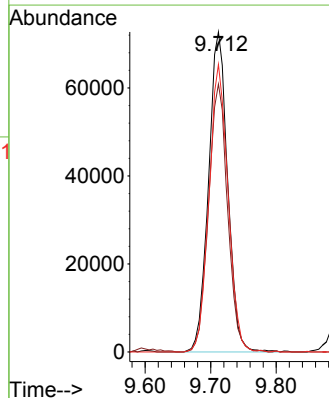
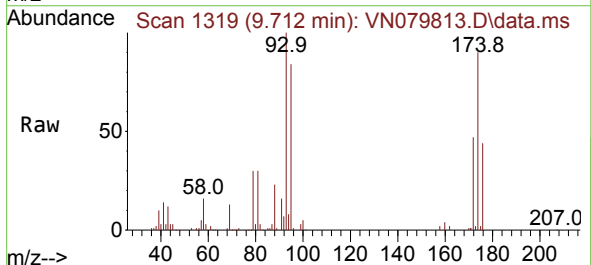
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

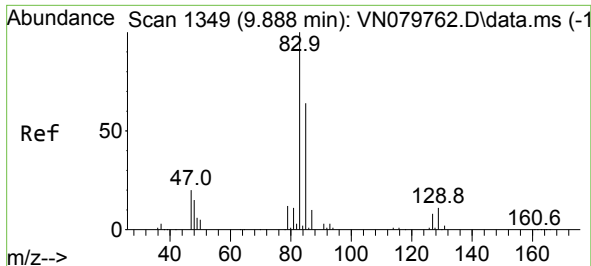
Tgt Ion: 63 Resp: 230702
Ion Ratio Lower Upper
63 100
65 31.9 23.9 35.9



#46
Dibromomethane
Concen: 55.395 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 93 Resp: 147521
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 89.5 65.6 98.4





#47

Bromodichloromethane

Concen: 54.728 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

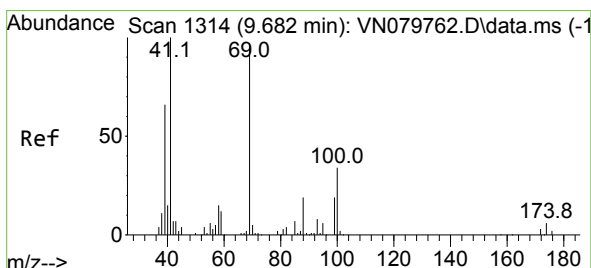
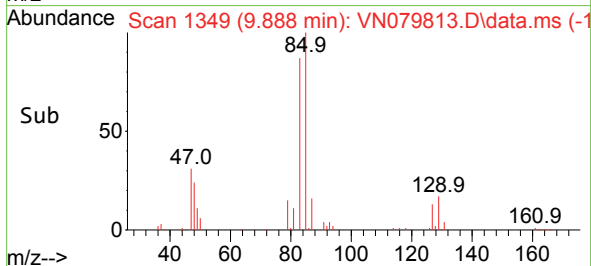
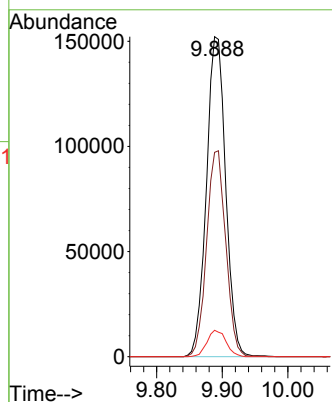
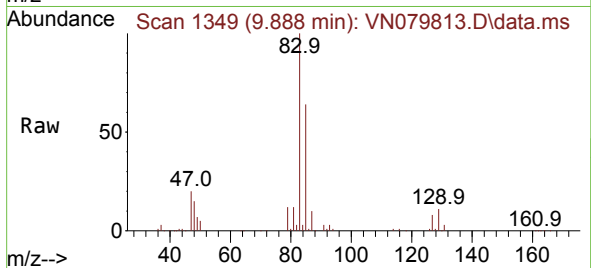
Tgt Ion: 83 Resp: 310827

Ion Ratio Lower Upper

83 100

85 63.9 49.6 74.4

127 8.2 7.0 10.6



#48

Methyl methacrylate

Concen: 60.274 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

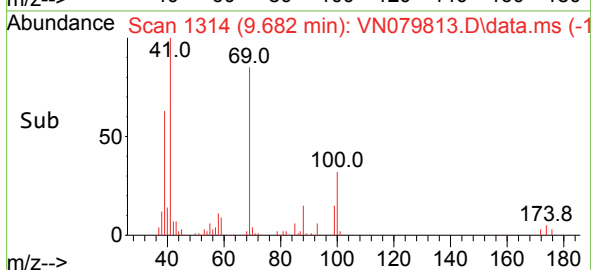
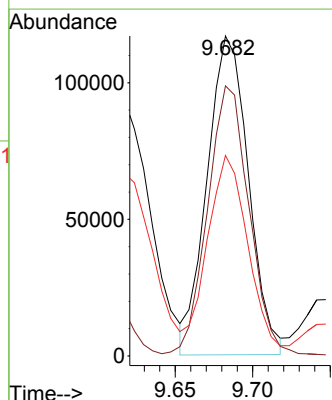
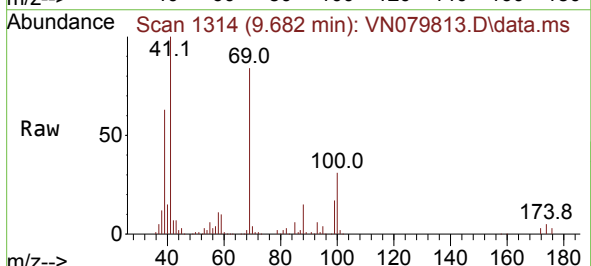
Tgt Ion: 41 Resp: 216357

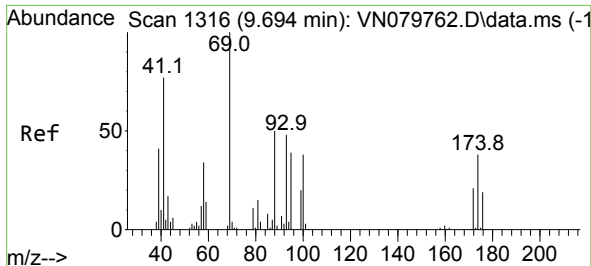
Ion Ratio Lower Upper

41 100

69 85.4 90.4 135.6#

39 63.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1054.793 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

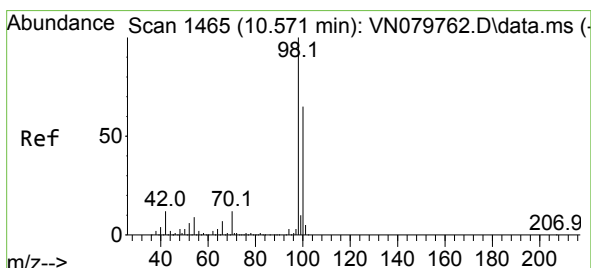
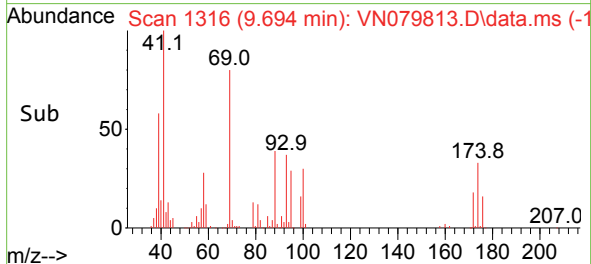
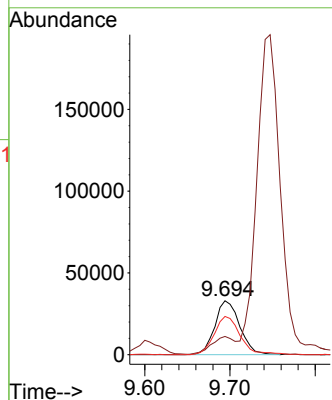
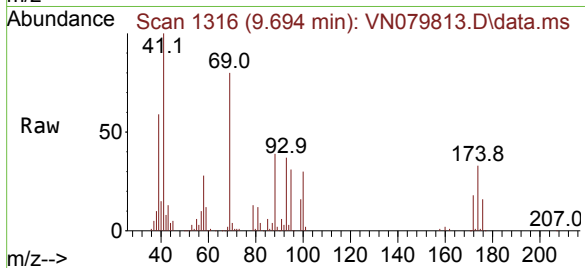
Tgt Ion: 88 Resp: 66903

Ion Ratio Lower Upper

88 100

43 29.5 17.0 25.6#

58 74.6 47.0 70.4#



#50

Toluene-d8

Concen: 54.201 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079813.D

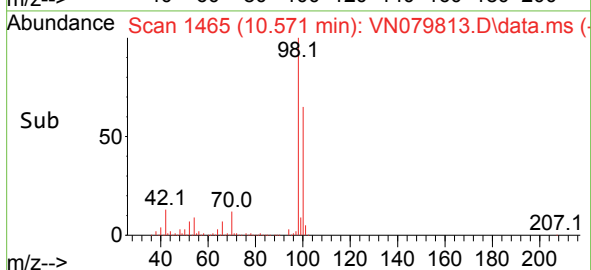
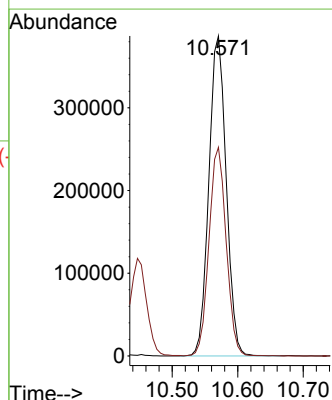
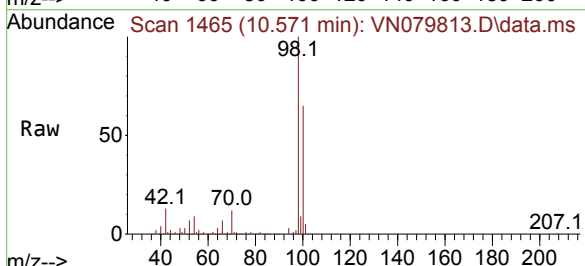
Acq: 02 Nov 2023 21:32

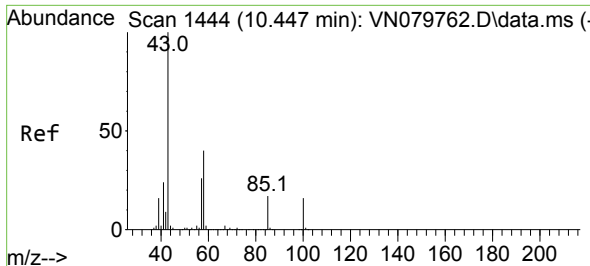
Tgt Ion: 98 Resp: 712062

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

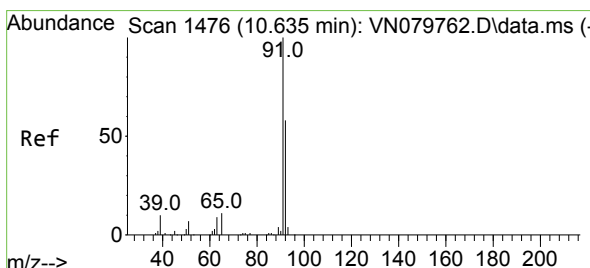
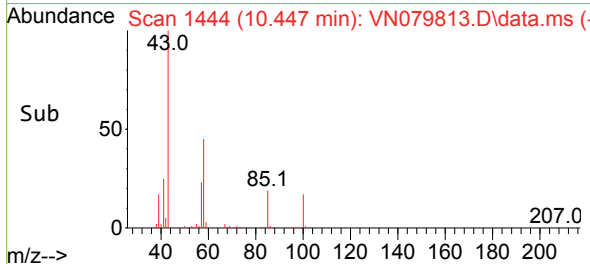
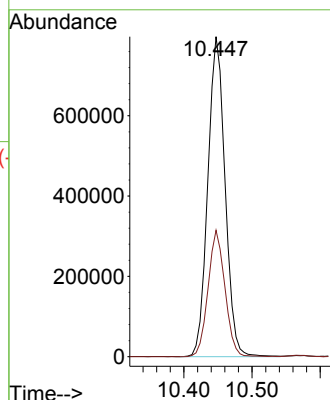
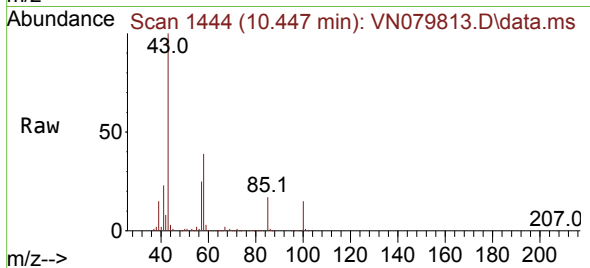




#51
4-Methyl-2-Pentanone
Concen: 304.609 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

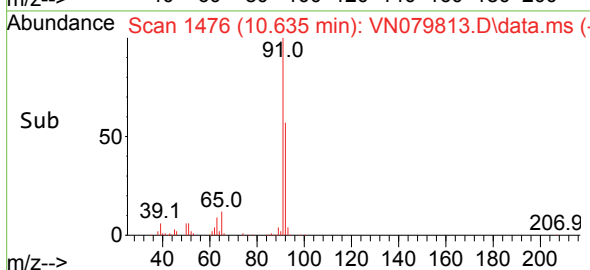
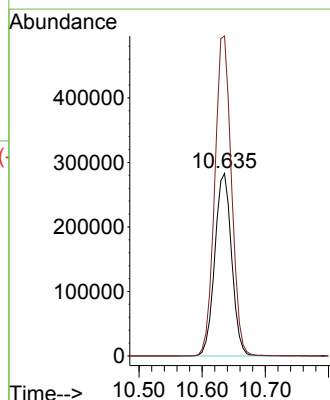
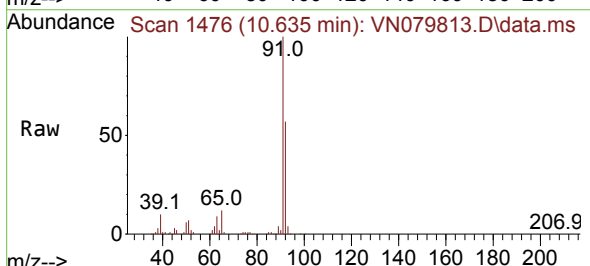
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

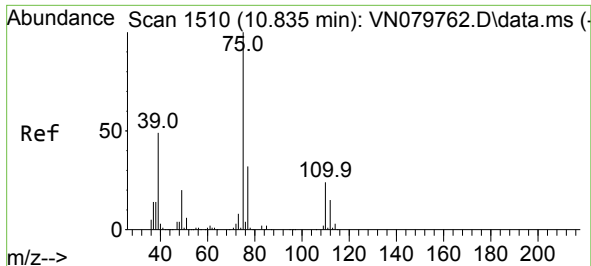
Tgt Ion: 43 Resp: 1405405
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 57.853 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 92 Resp: 523436
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

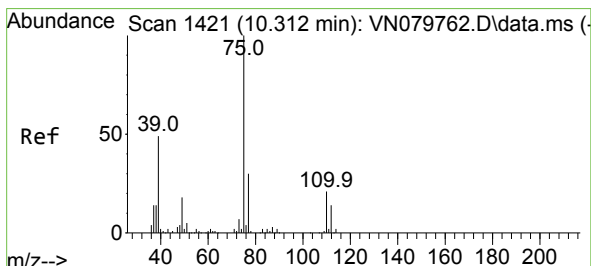
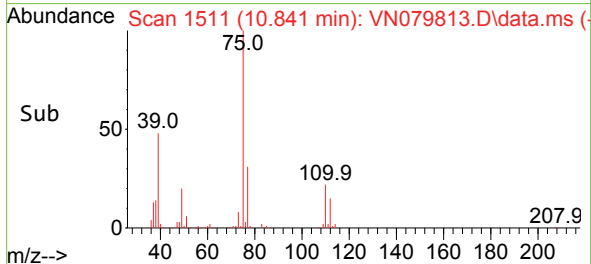
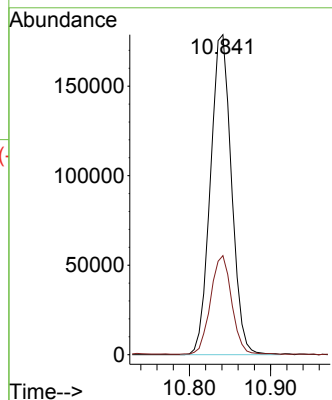
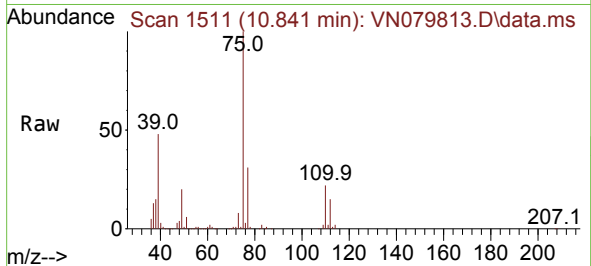




#53
t-1,3-Dichloropropene
Concen: 57.922 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

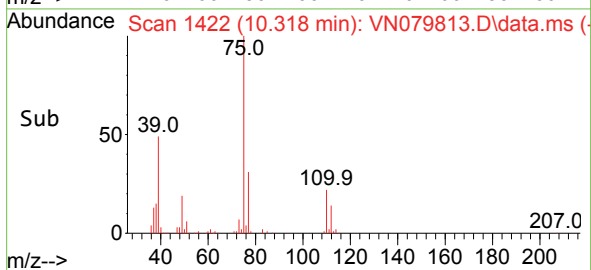
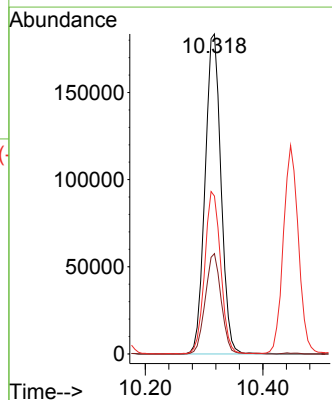
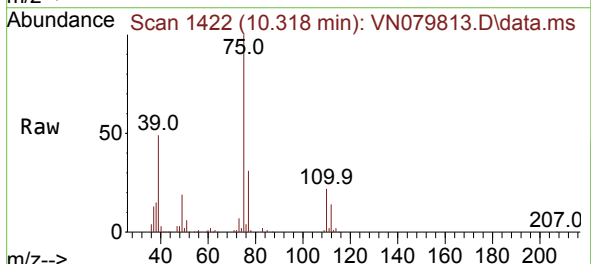
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

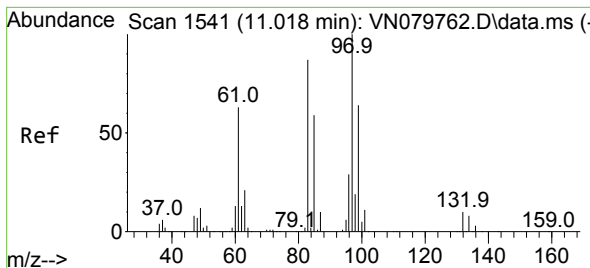
Tgt Ion: 75 Resp: 322492
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 56.917 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 75 Resp: 345413
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 49.4 31.6 47.4#



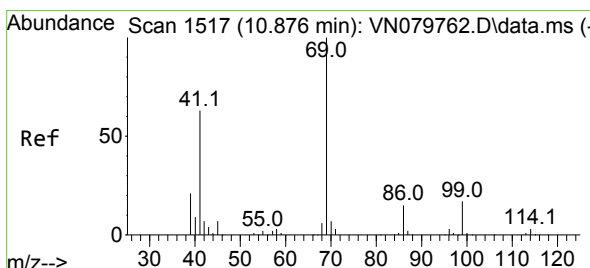
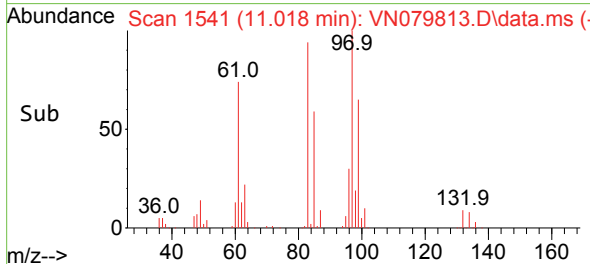
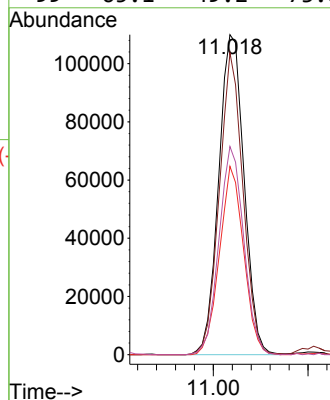
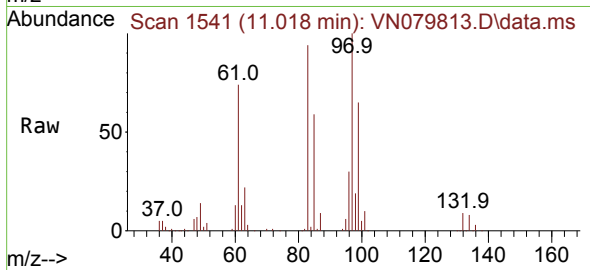


#55
1,1,2-Trichloroethane
Concen: 56.292 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 204853

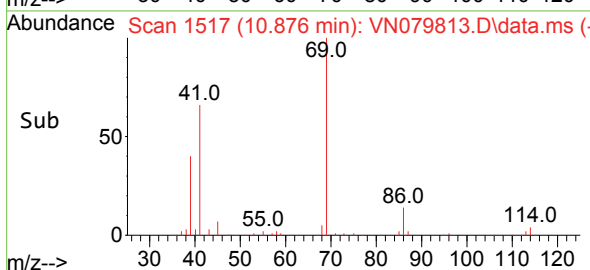
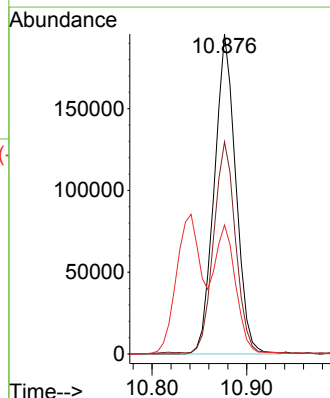
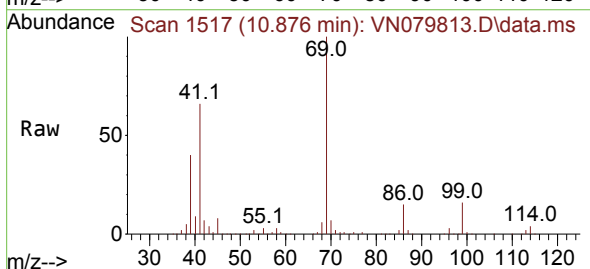
Ion	Ratio	Lower	Upper
97	100		
83	94.4	65.1	97.7
85	58.9	43.4	65.2
99	65.1	49.2	73.8

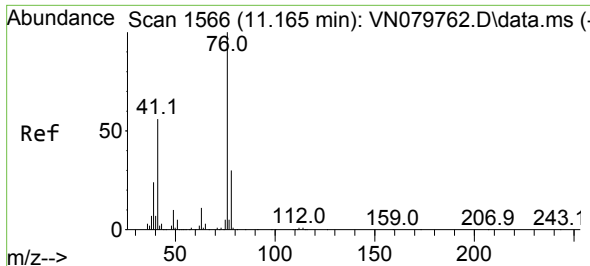


#56
Ethyl methacrylate
Concen: 59.419 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 69 Resp: 308431

Ion	Ratio	Lower	Upper
69	100		
41	67.2	39.6	59.4#
39	39.2	28.6	43.0

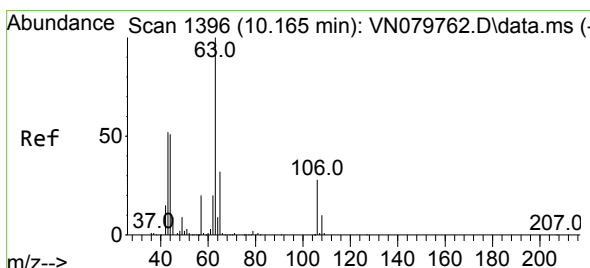
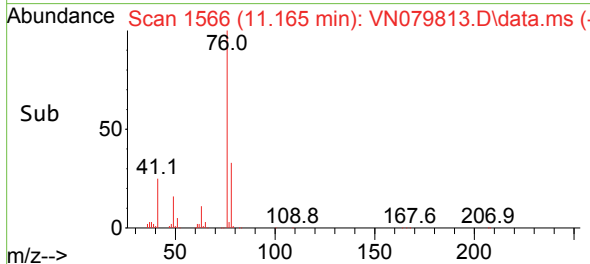
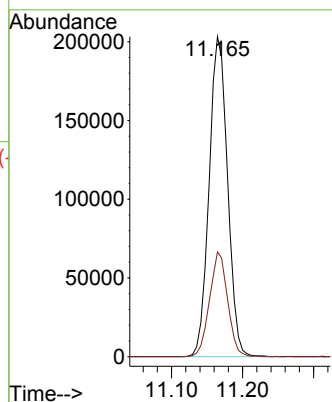
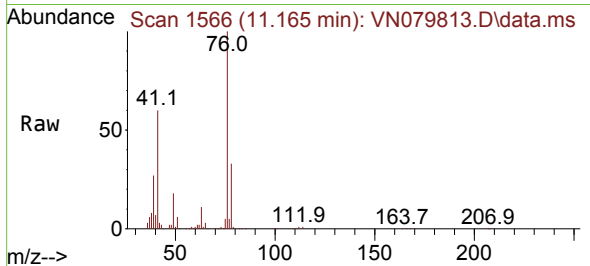




#57
1,3-Dichloropropane
Concen: 57.110 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

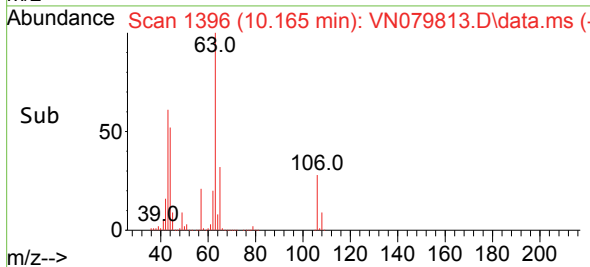
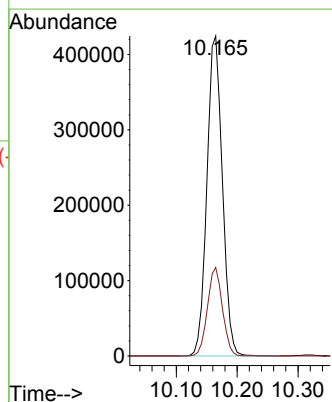
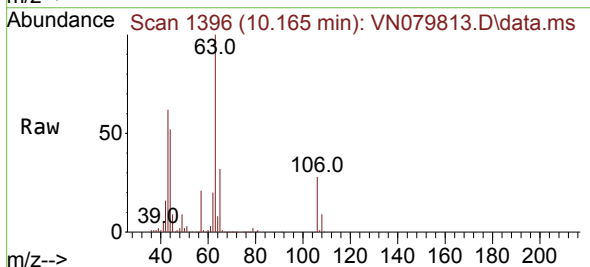
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

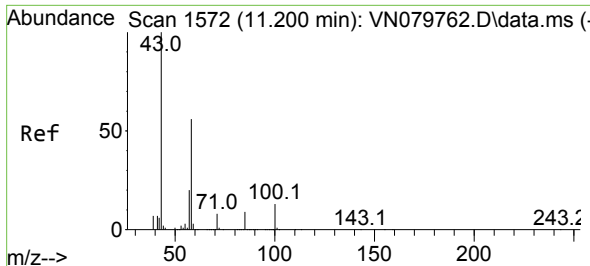
Tgt Ion: 76 Resp: 366333
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 284.328 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 63 Resp: 748036
Ion Ratio Lower Upper
63 100
106 26.8 26.2 39.4

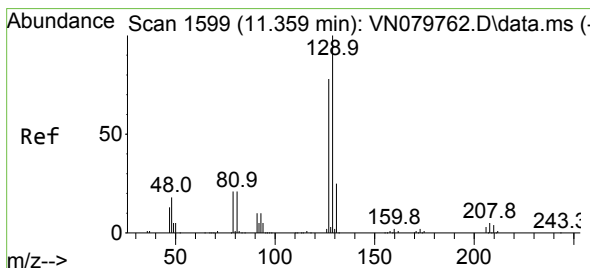
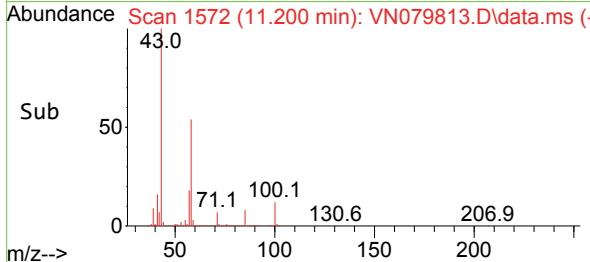
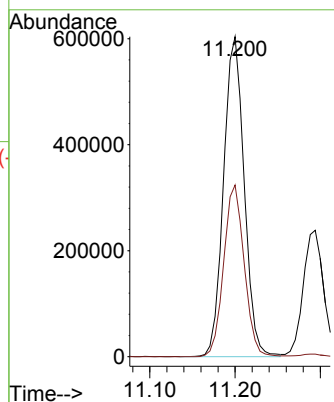
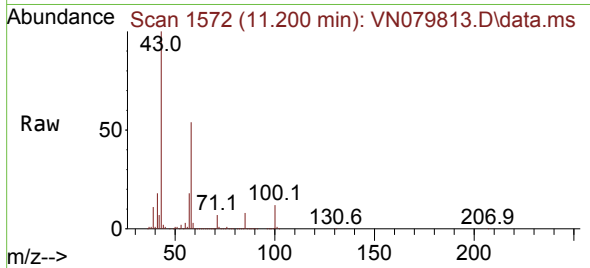




#59
2-Hexanone
Concen: 287.554 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

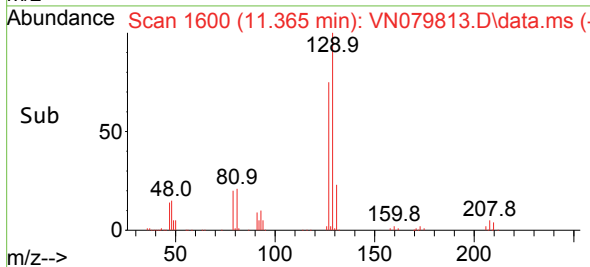
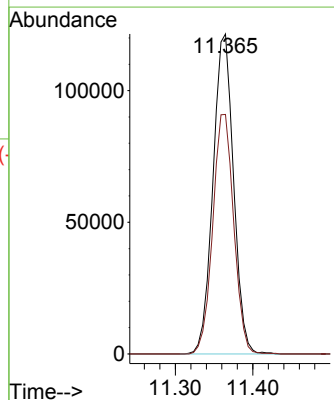
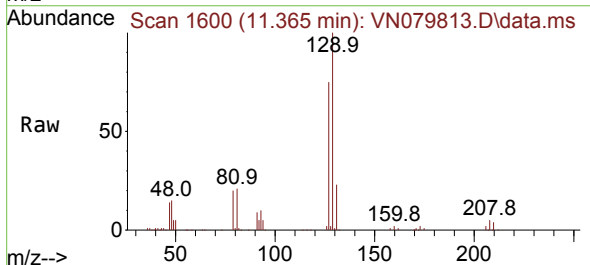
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

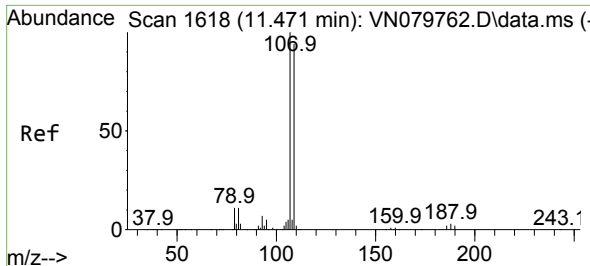
Tgt Ion: 43 Resp: 1014936
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1



#60
Dibromochloromethane
Concen: 57.627 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:129 Resp: 224477
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

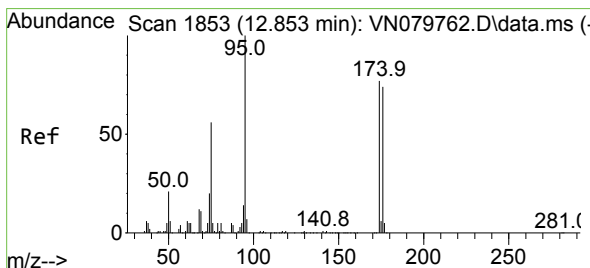
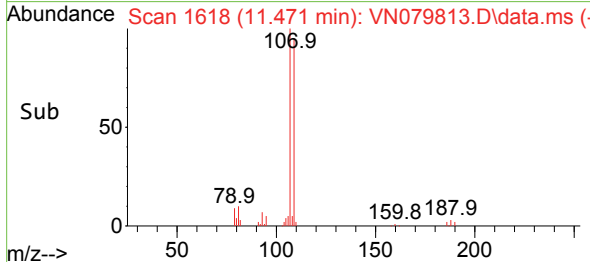
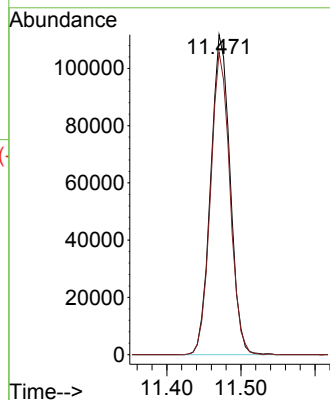
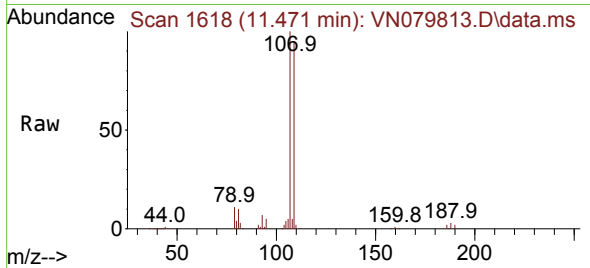




#61
1,2-Dibromoethane
Concen: 55.660 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

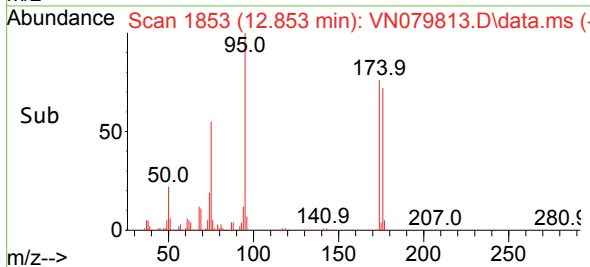
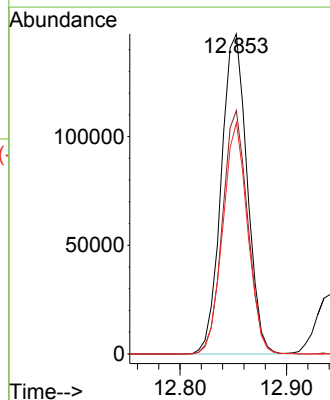
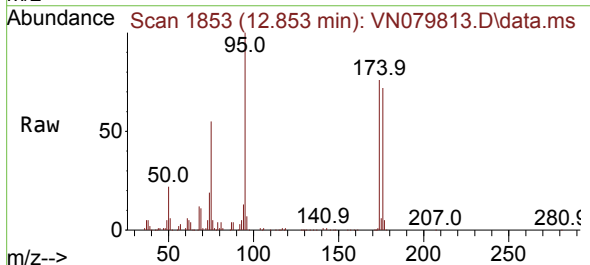
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

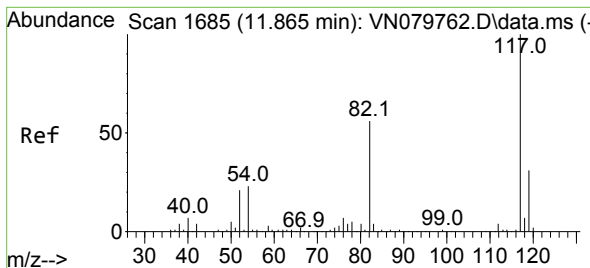
Tgt Ion:107 Resp: 203299
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.898 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 95 Resp: 247904
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 69.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

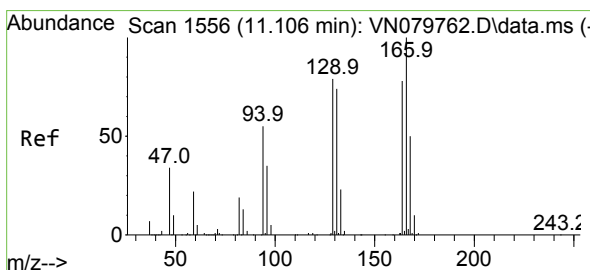
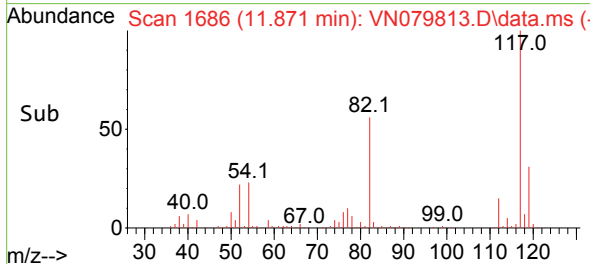
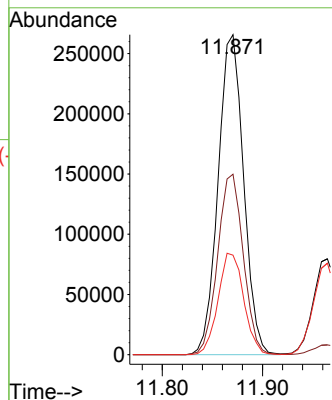
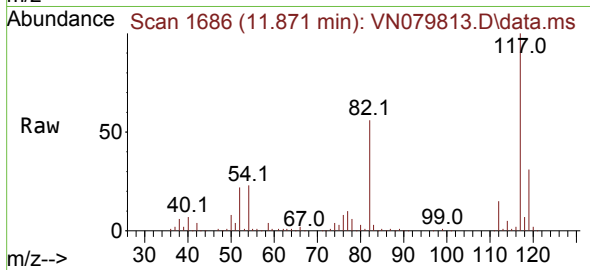
Tgt Ion:117 Resp: 469091

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 54.786 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Tgt Ion:164 Resp: 166444

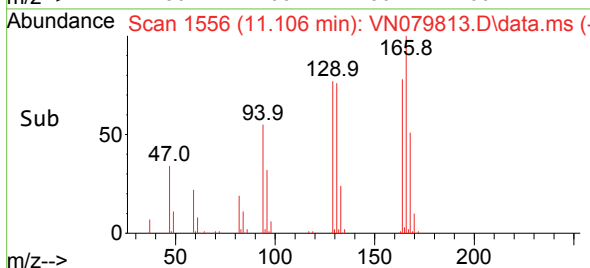
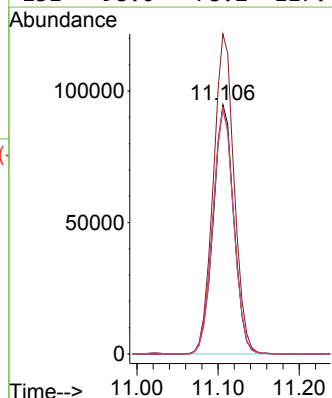
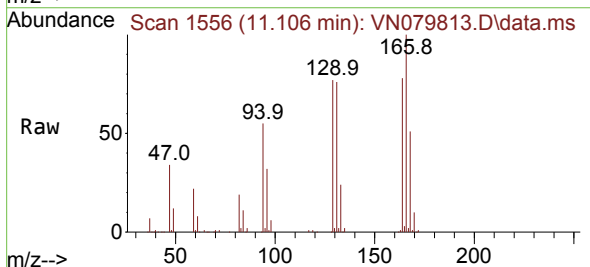
Ion Ratio Lower Upper

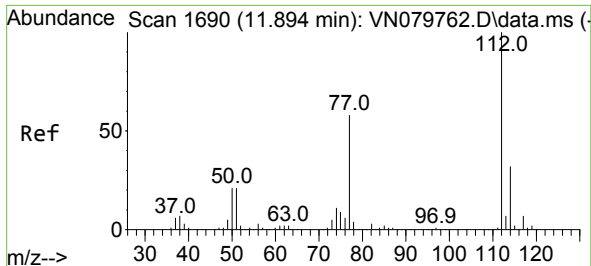
164 100

166 128.5 101.4 152.0

129 99.1 82.4 123.6

131 98.0 78.2 117.4

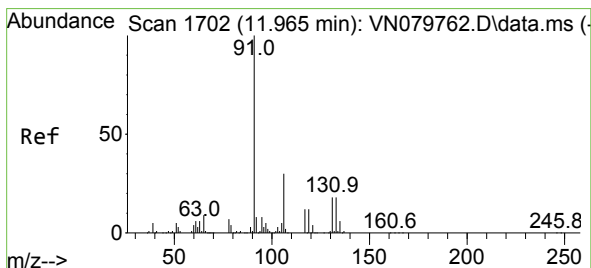
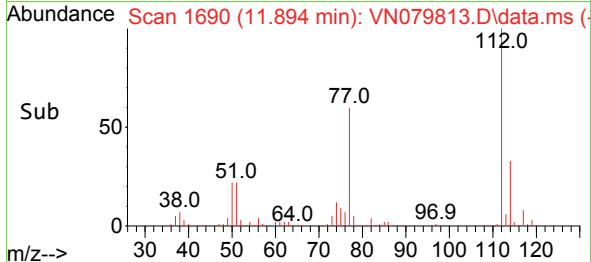
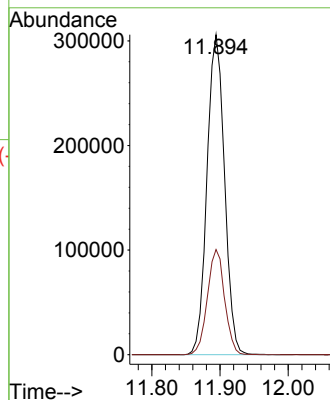
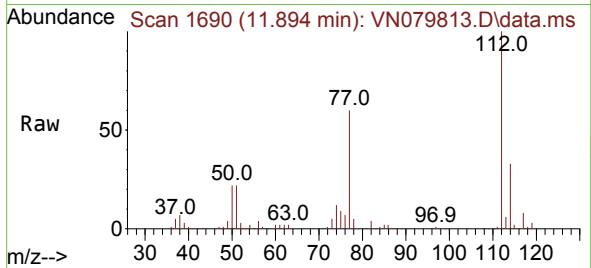




#65
Chlorobenzene
Concen: 53.718 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

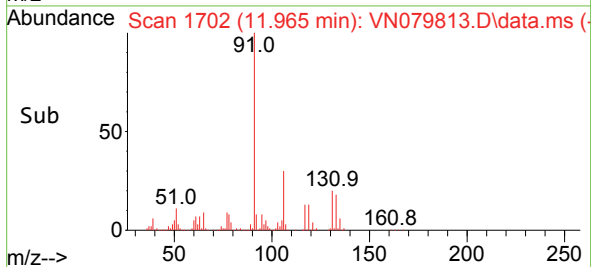
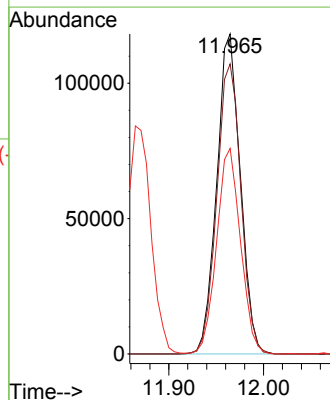
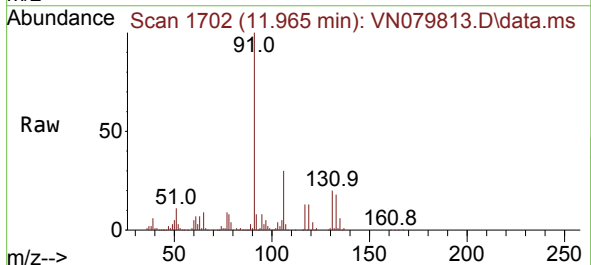
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

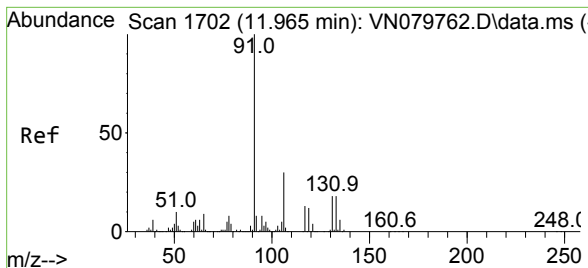
Tgt Ion:112 Resp: 546604
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.788 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:131 Resp: 204528
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 56.639 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

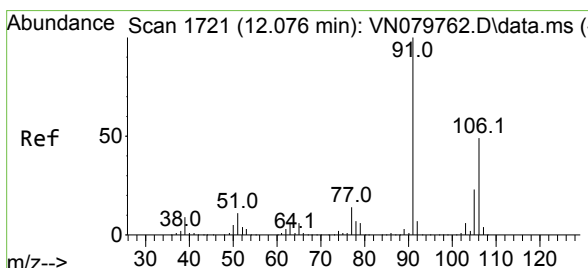
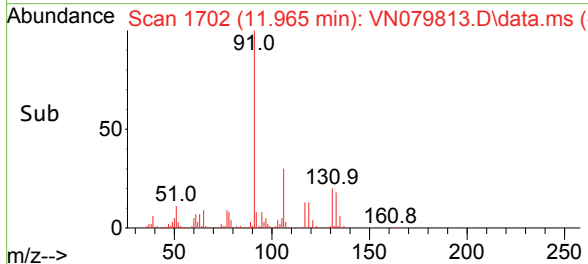
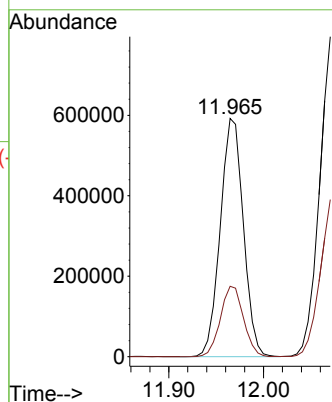
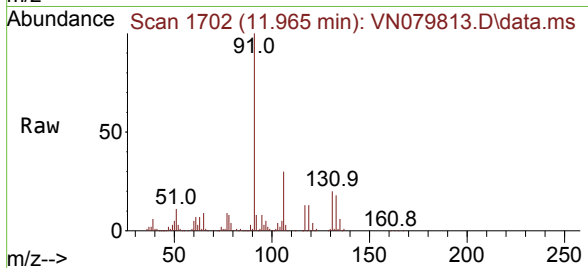
VSTDCCC050EC

Tgt Ion: 91 Resp: 1004121

Ion Ratio Lower Upper

91 100

106 29.6 25.6 38.4



#68

m/p-Xylenes

Concen: 114.287 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN079813.D

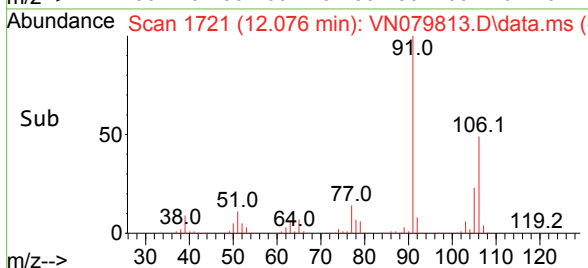
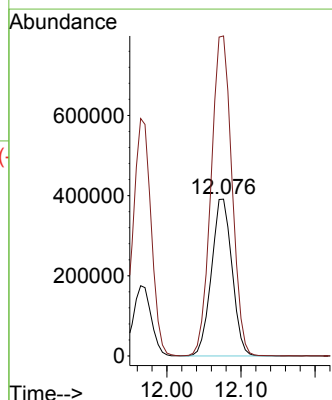
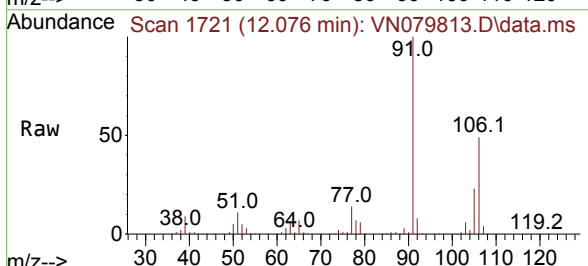
Acq: 02 Nov 2023 21:32

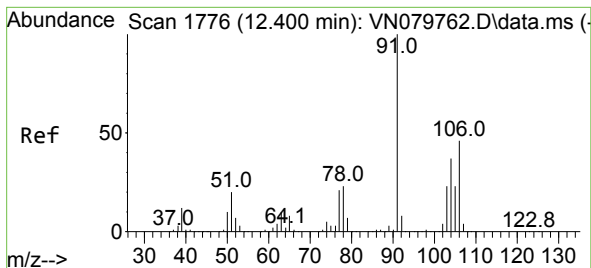
Tgt Ion:106 Resp: 754763

Ion Ratio Lower Upper

106 100

91 206.3 159.6 239.4

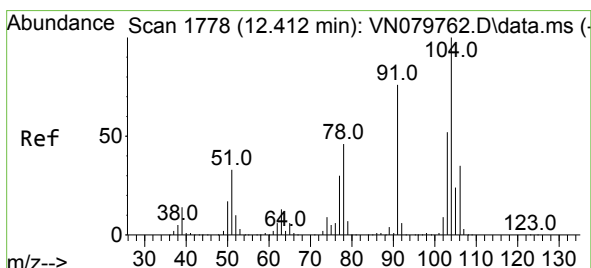
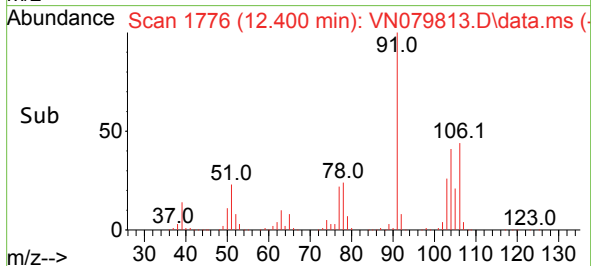
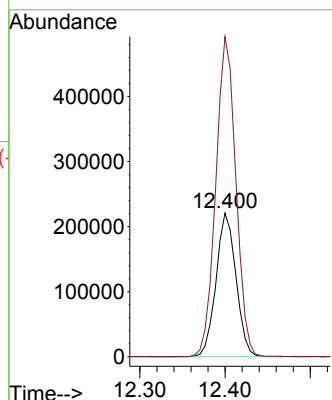
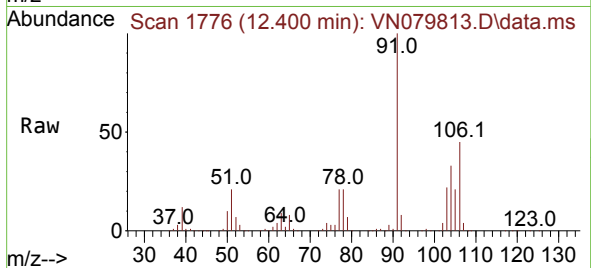




#69
o-Xylene
Concen: 56.346 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

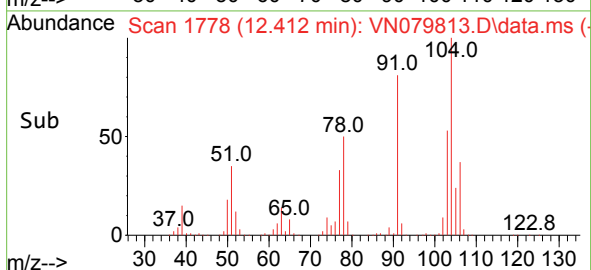
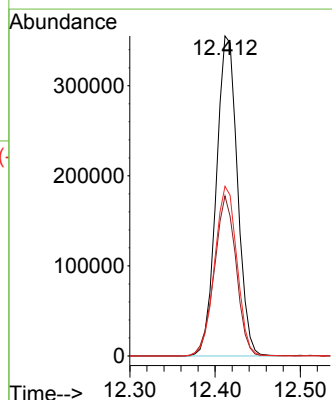
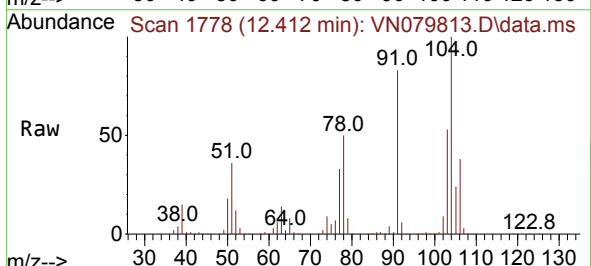
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

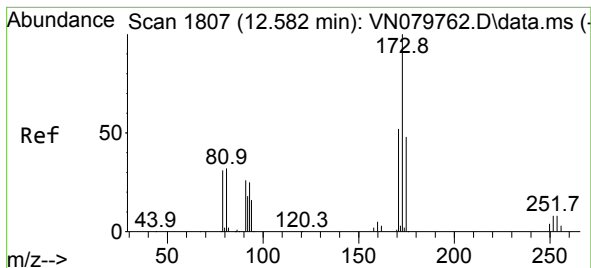
Tgt Ion:106 Resp: 358324
Ion Ratio Lower Upper
106 100
91 225.1 105.2 315.5



#70
Styrene
Concen: 59.995 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:104 Resp: 613148
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 56.341 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

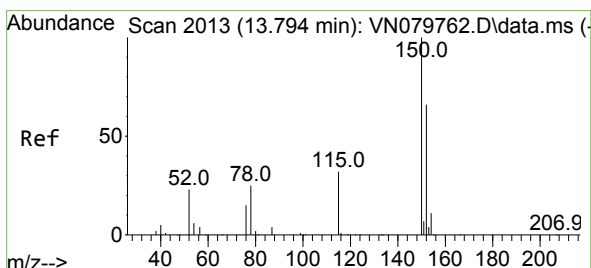
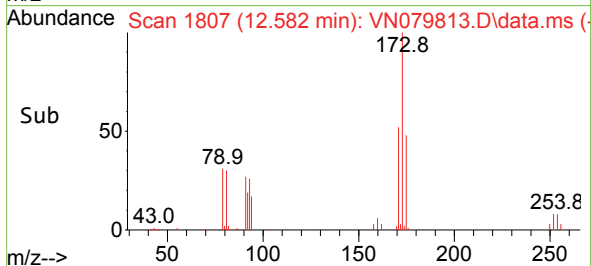
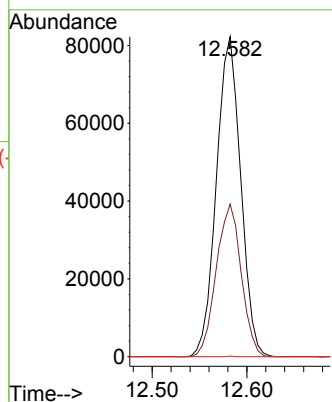
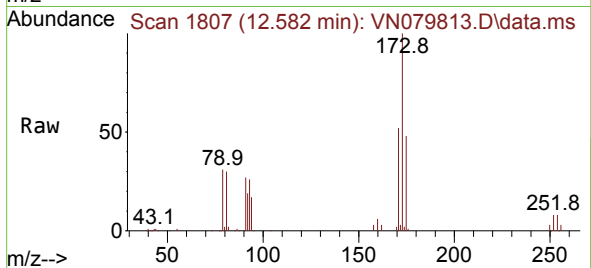
Tgt Ion:173 Resp: 146671

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

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: VN079813.D

Acq: 02 Nov 2023 21:32

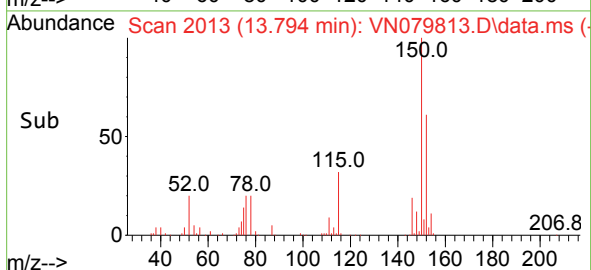
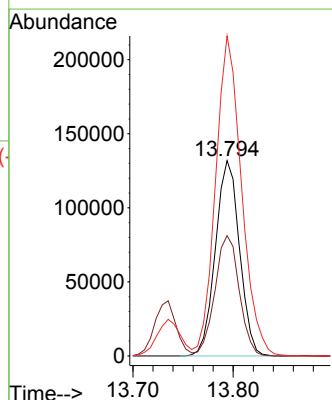
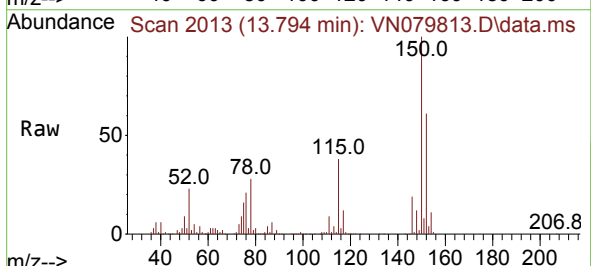
Tgt Ion:152 Resp: 220019

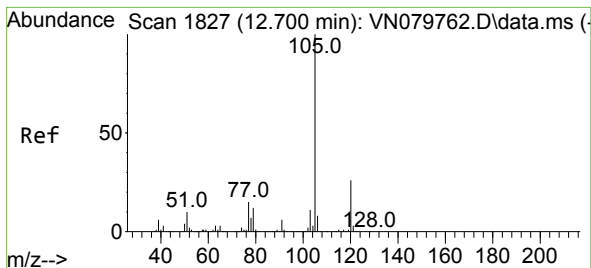
Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 176.5 0.0 355.8





#73

Isopropylbenzene

Concen: 54.513 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

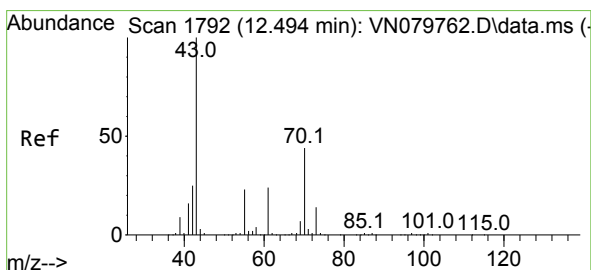
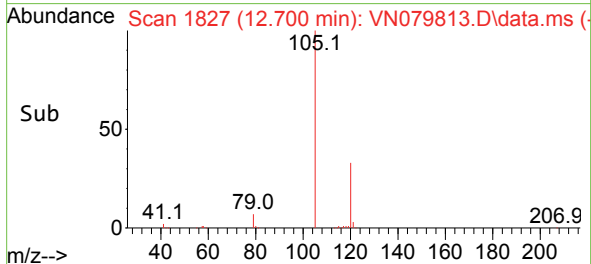
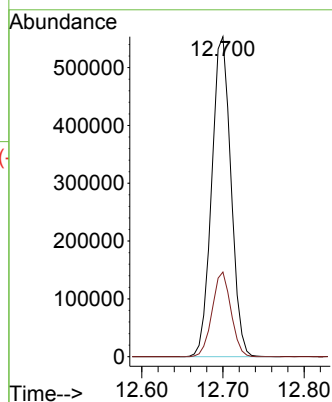
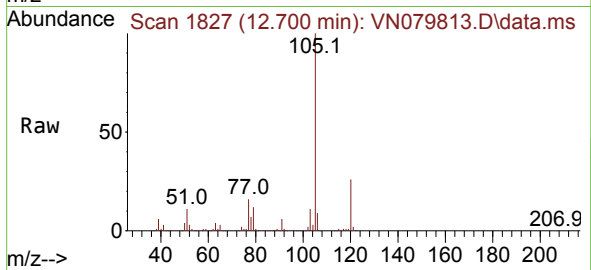
VSTDCCC050EC

Tgt Ion:105 Resp: 910255

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 54.163 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Tgt Ion: 43 Resp: 394766

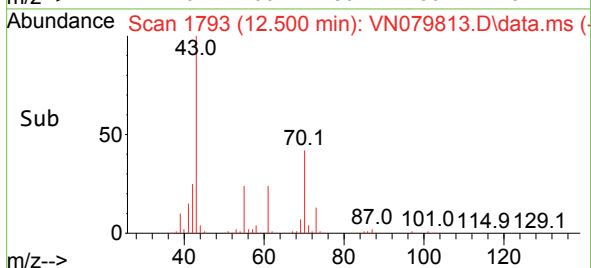
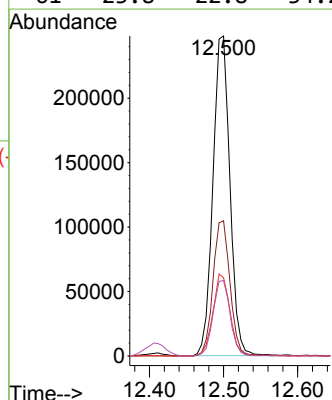
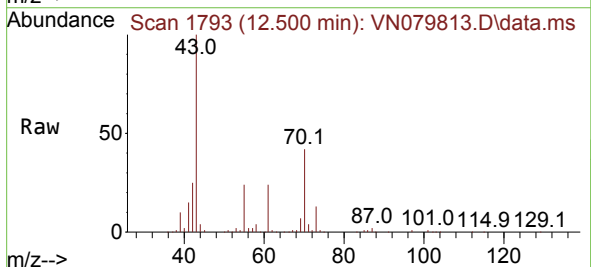
Ion Ratio Lower Upper

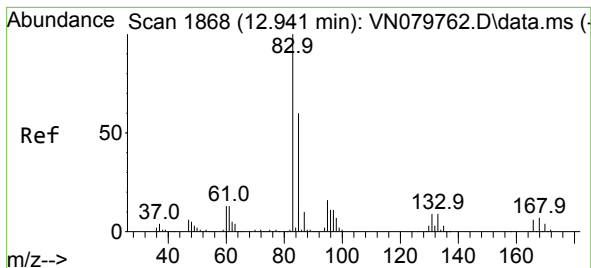
43 100

70 42.4 43.4 65.2#

55 25.8 21.4 32.0

61 23.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.684 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

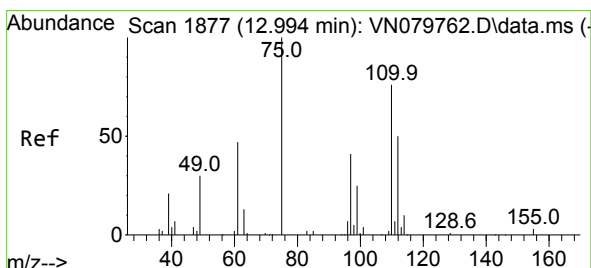
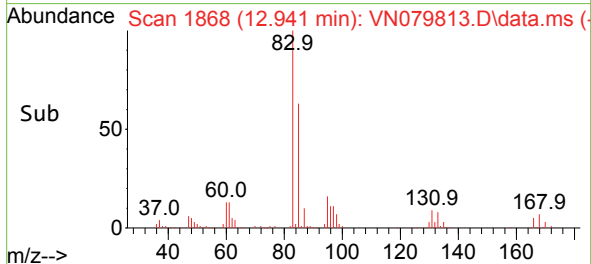
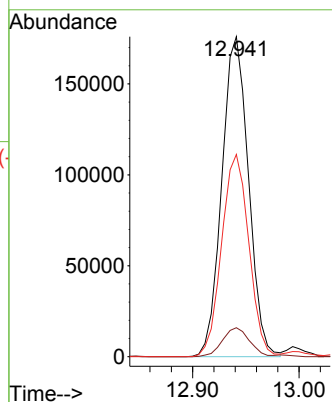
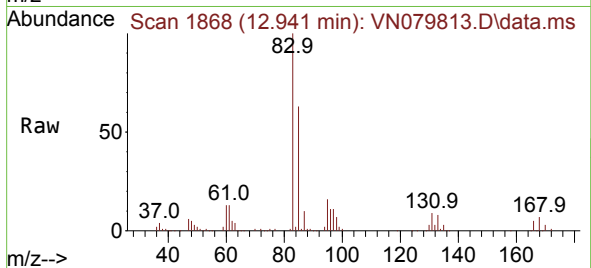
Tgt Ion: 83 Resp: 305989

Ion Ratio Lower Upper

83 100

131 9.2 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 72.838 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079813.D

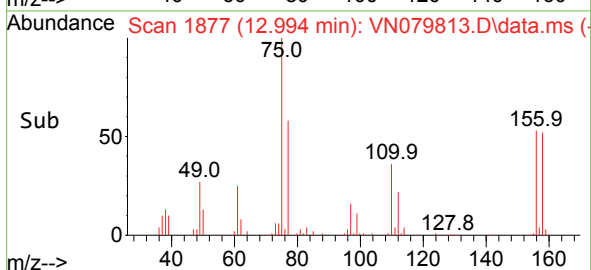
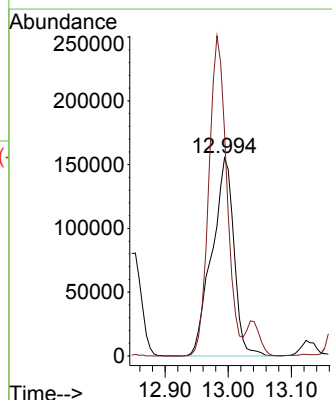
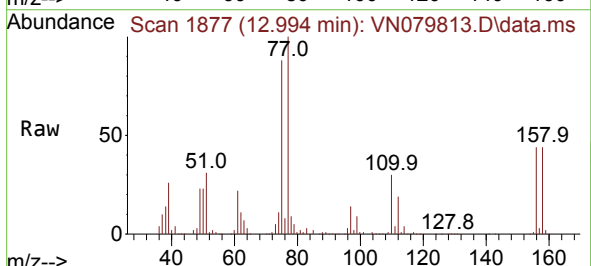
Acq: 02 Nov 2023 21:32

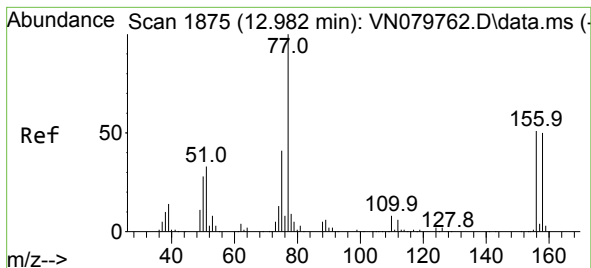
Tgt Ion: 75 Resp: 376239

Ion Ratio Lower Upper

75 100

77 131.8 84.5 253.5





#77

Bromobenzene

Concen: 53.463 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

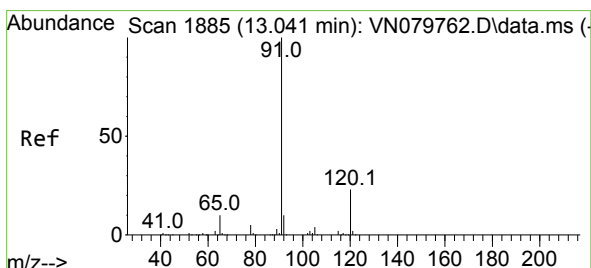
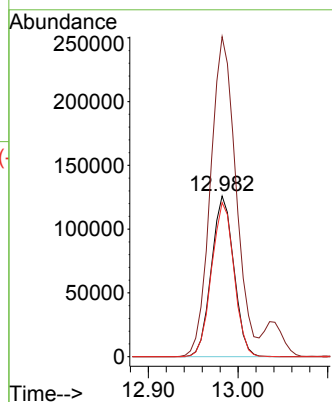
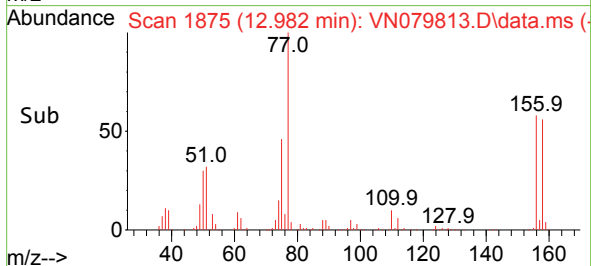
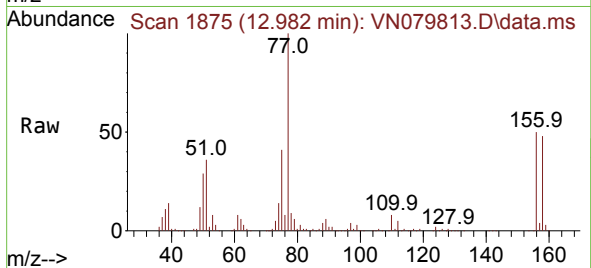
Tgt Ion:156 Resp: 218565

Ion Ratio Lower Upper

156 100

77 226.9 107.7 323.3

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 57.231 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079813.D

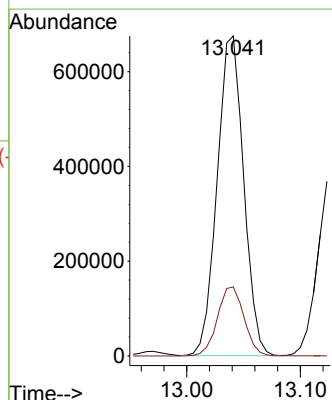
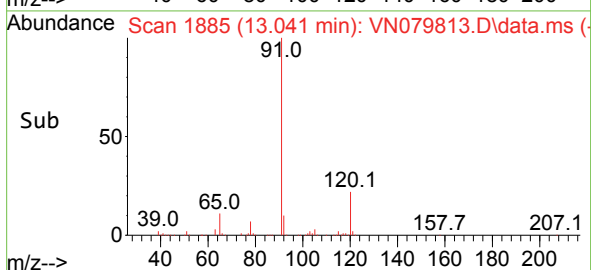
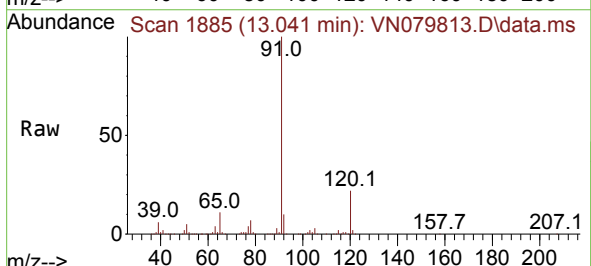
Acq: 02 Nov 2023 21:32

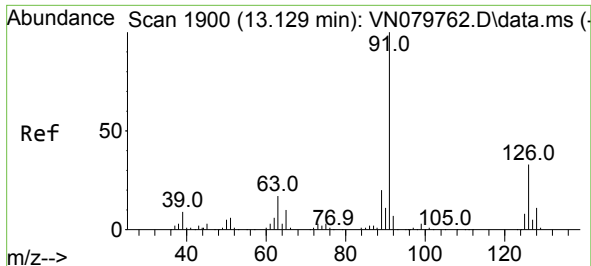
Tgt Ion: 91 Resp: 1094371

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

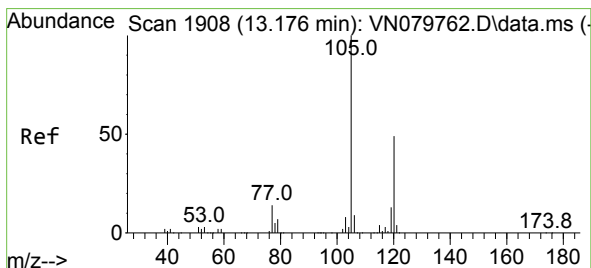
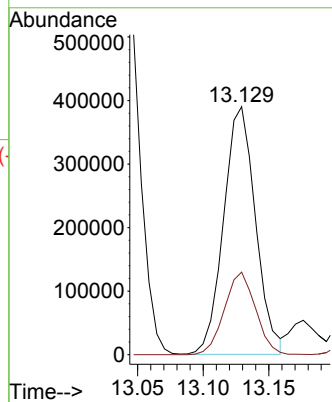
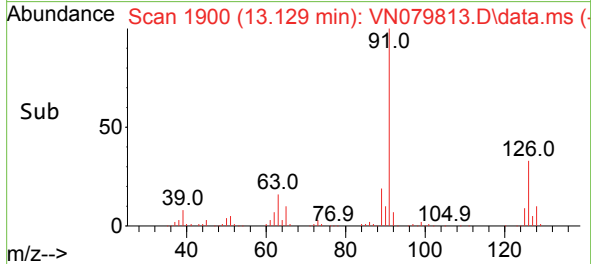
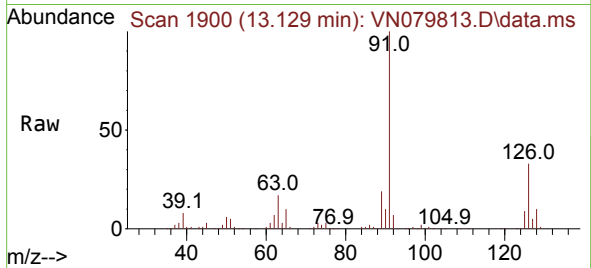




#79
2-Chlorotoluene
Concen: 54.091 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

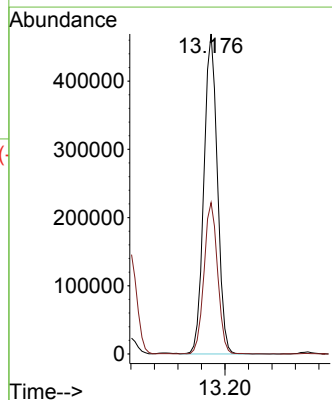
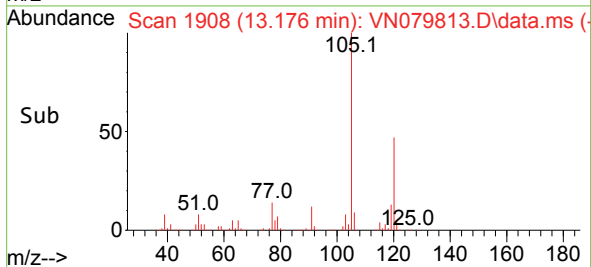
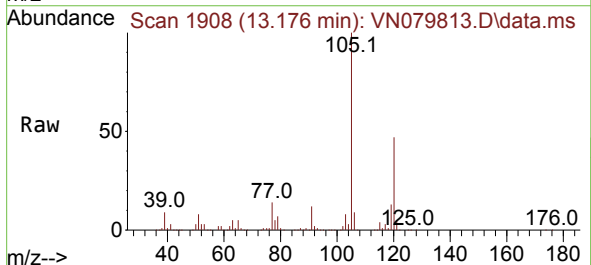
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

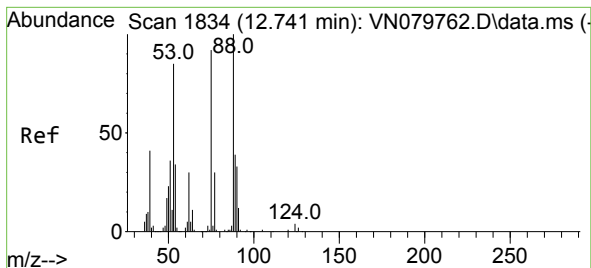
Tgt Ion: 91 Resp: 660749
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 57.780 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 105 Resp: 750649
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

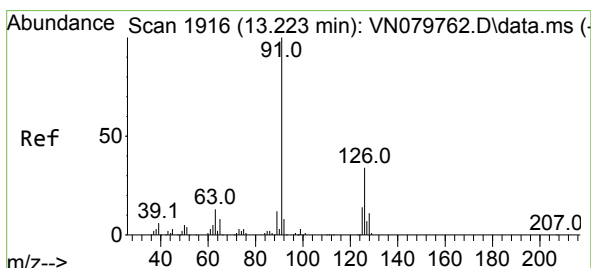
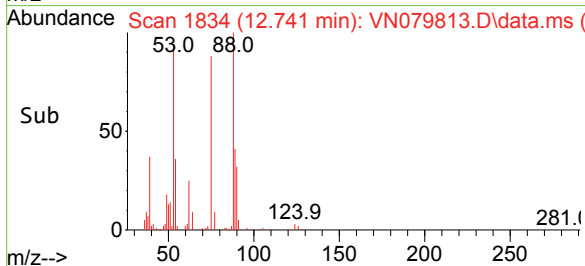
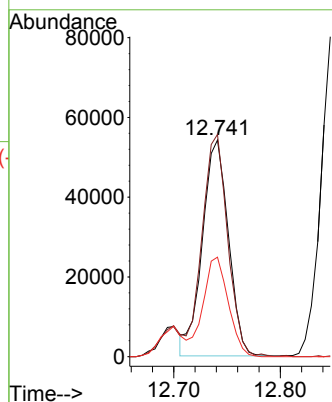
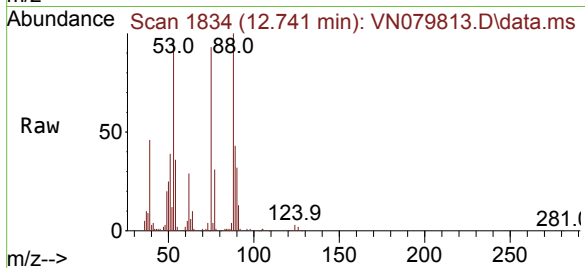




#81
trans-1,4-Dichloro-2-butene
Concen: 48.568 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

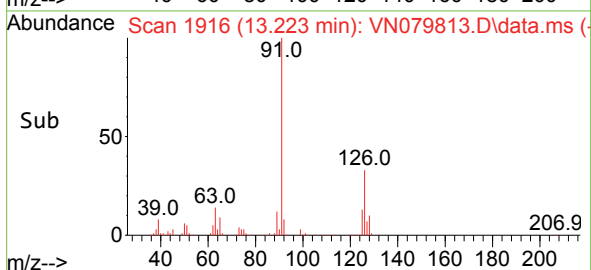
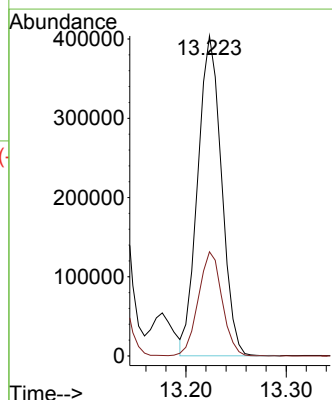
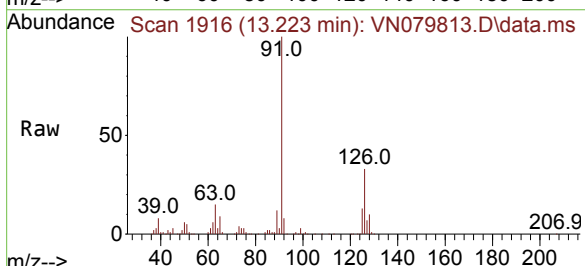
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

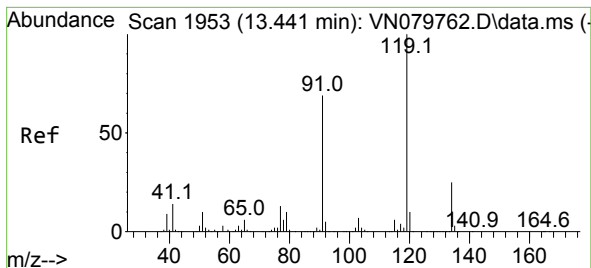
Tgt Ion: 75 Resp: 92207
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 44.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.843 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 91 Resp: 665732
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 57.406 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

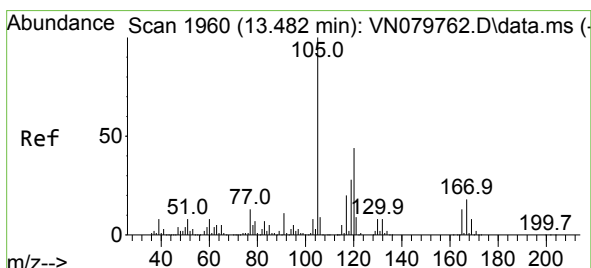
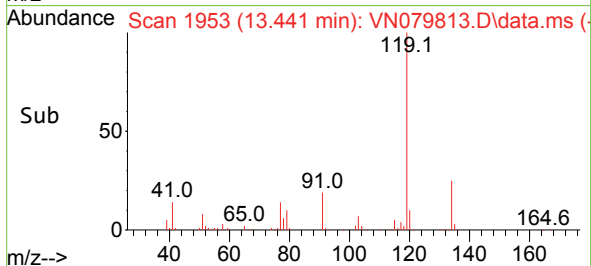
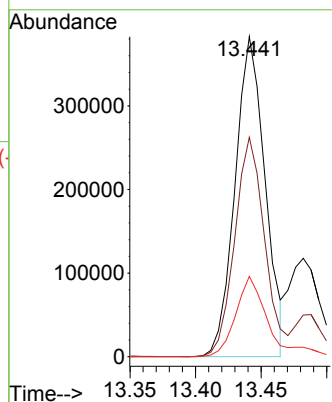
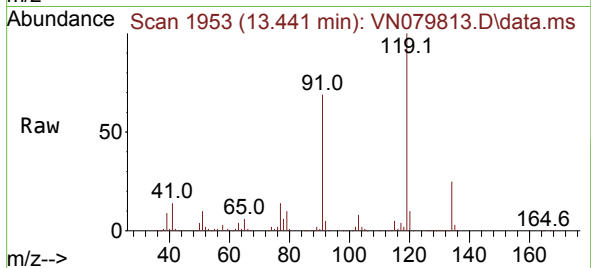
Tgt Ion:119 Resp: 610478

Ion Ratio Lower Upper

119 100

91 68.6 33.9 101.7

134 26.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 58.945 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079813.D

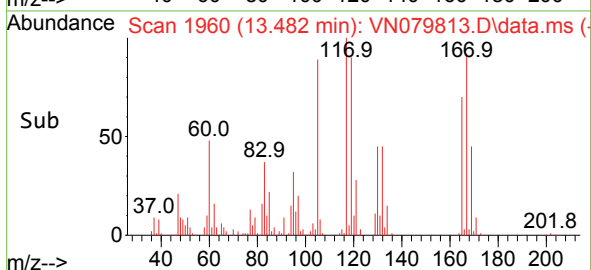
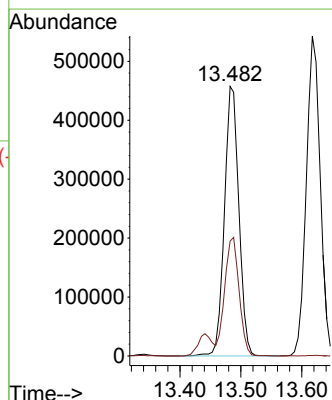
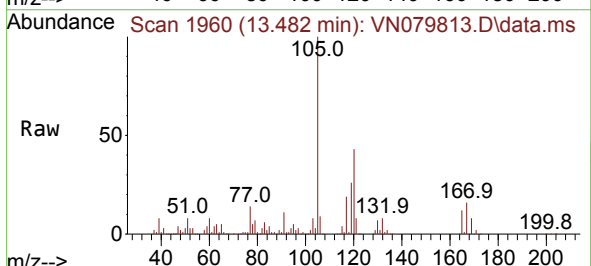
Acq: 02 Nov 2023 21:32

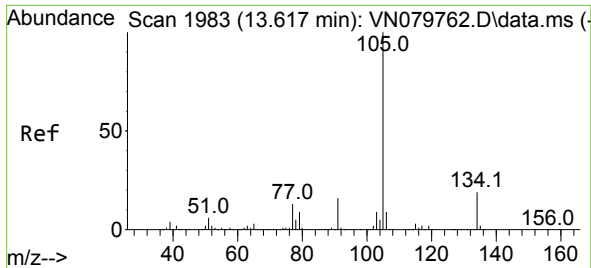
Tgt Ion:105 Resp: 753435

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

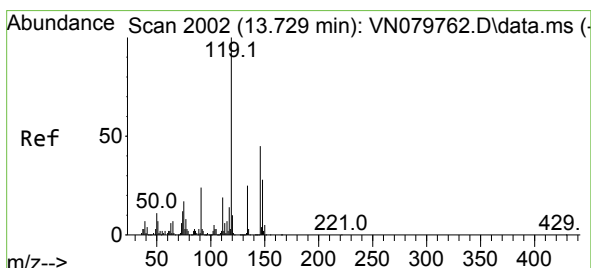
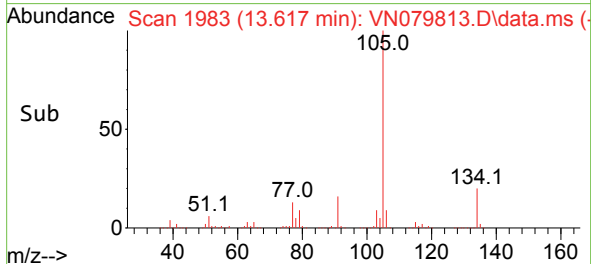
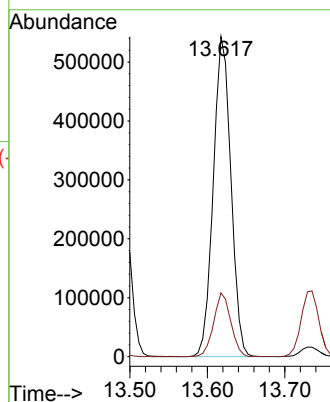
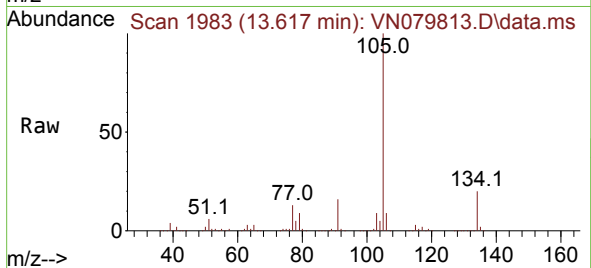




#85
 sec-Butylbenzene
 Concen: 58.258 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

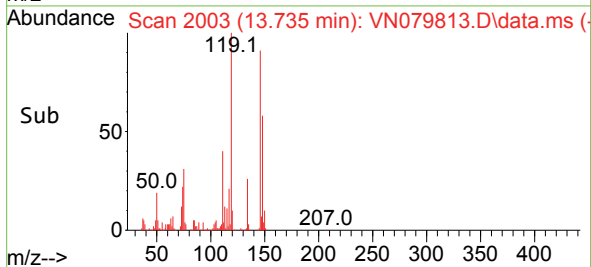
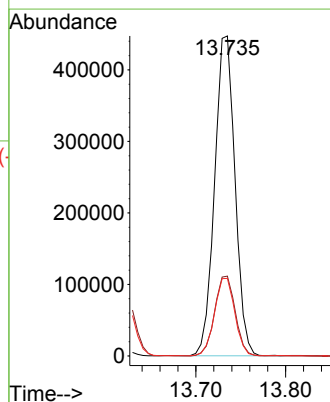
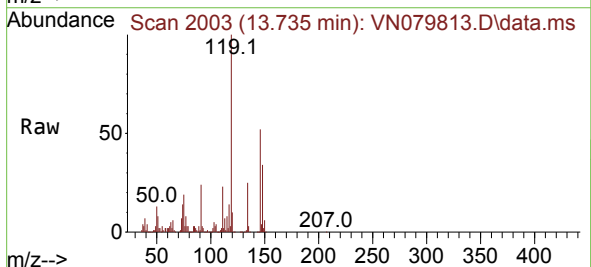
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

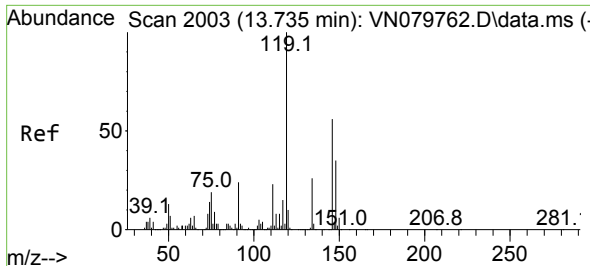
Tgt Ion:105 Resp: 858338
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 58.696 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

Tgt Ion:119 Resp: 705070
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.2 12.4 37.2

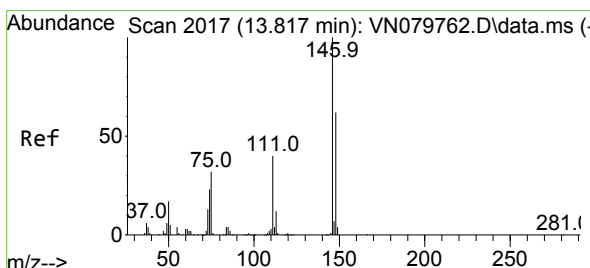
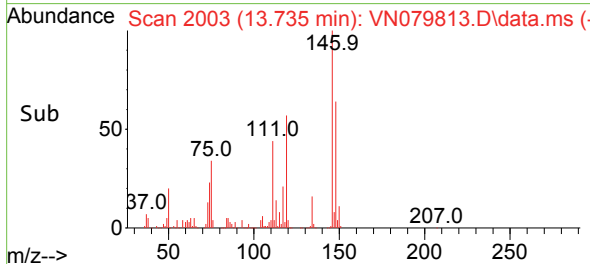
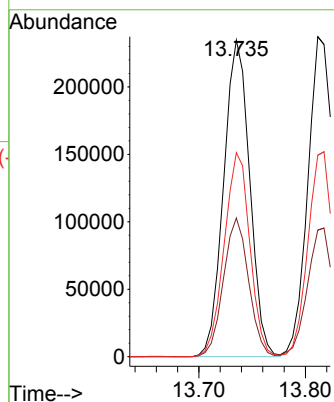
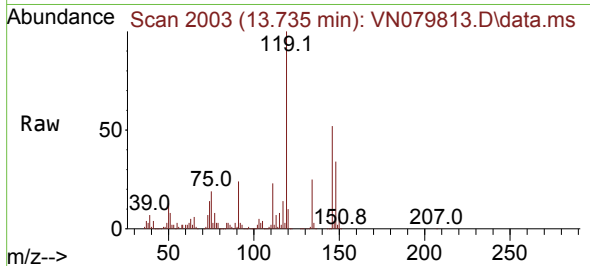




#87
1,3-Dichlorobenzene
Concen: 52.424 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

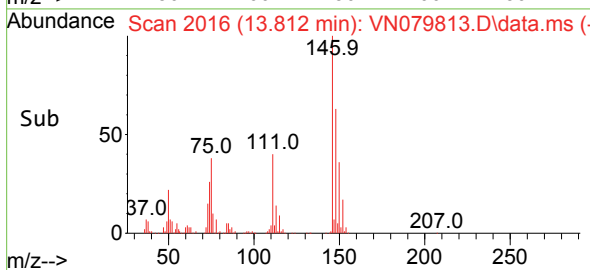
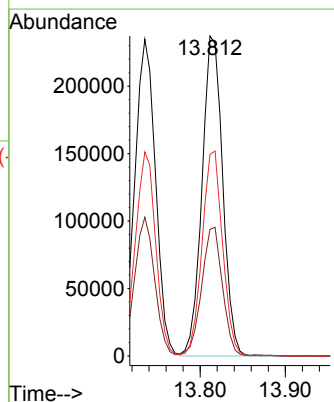
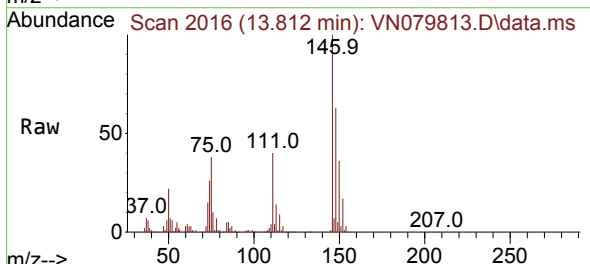
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

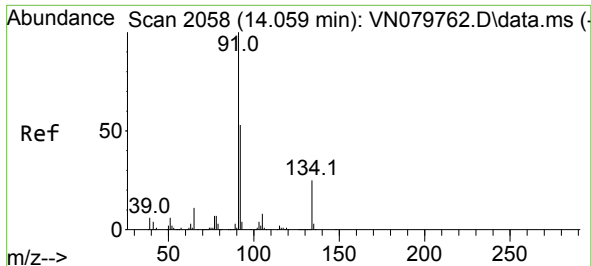
Tgt Ion:146 Resp: 398691
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 51.787 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion:146 Resp: 399766
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.3 31.6 94.8

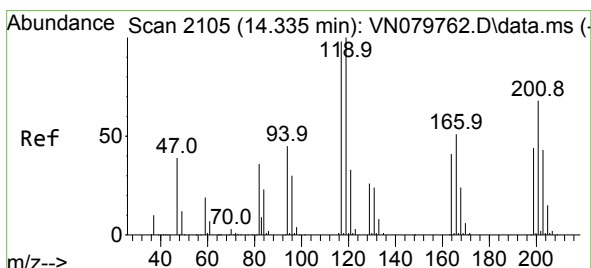
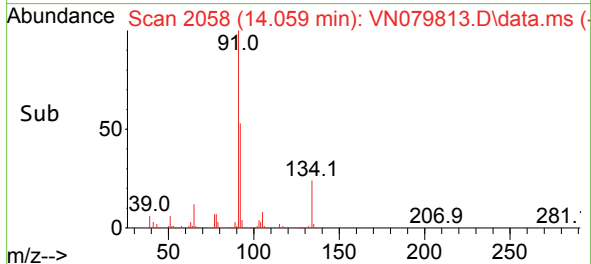
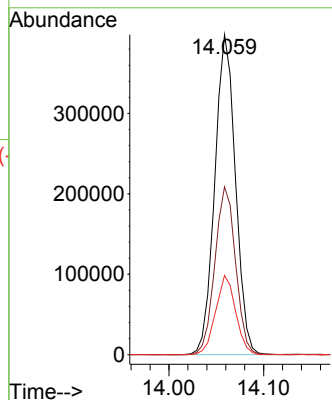
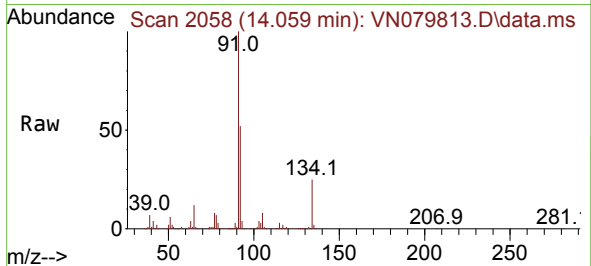




#89
n-Butylbenzene
Concen: 58.434 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

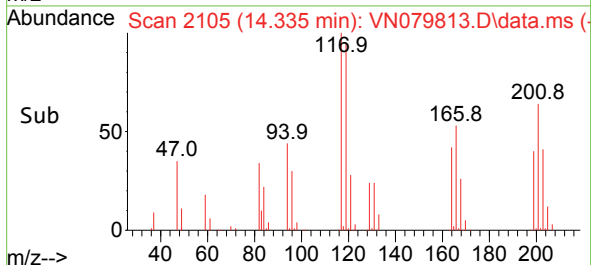
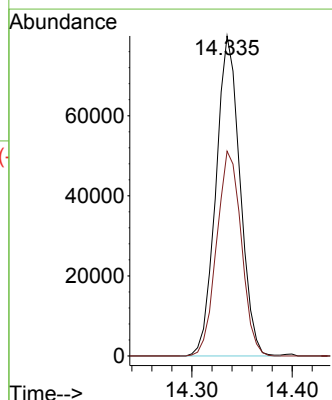
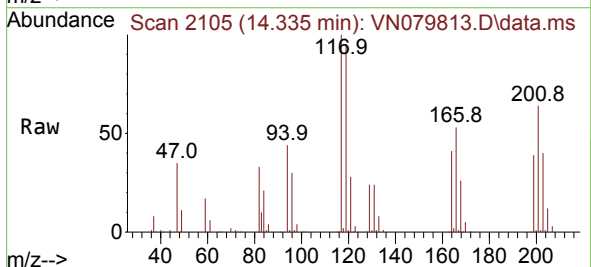
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

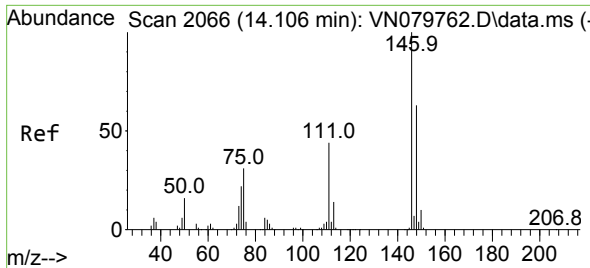
Tgt Ion: 91 Resp: 604564
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 24.0 12.6 37.6



#90
Hexachloroethane
Concen: 56.043 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 117 Resp: 133324
Ion Ratio Lower Upper
117 100
201 65.6 29.3 88.0

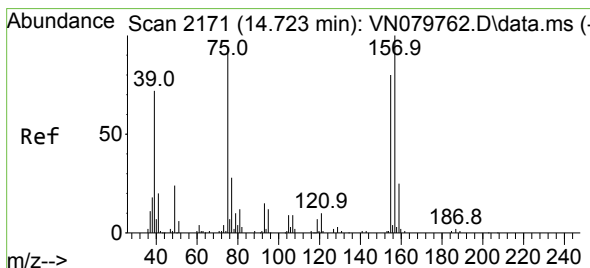
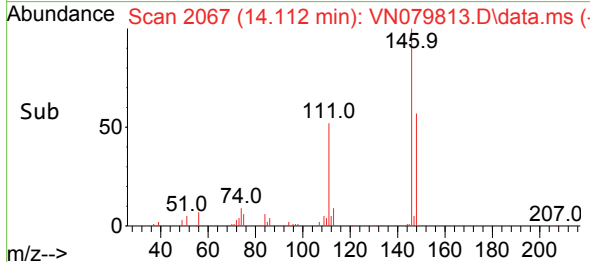
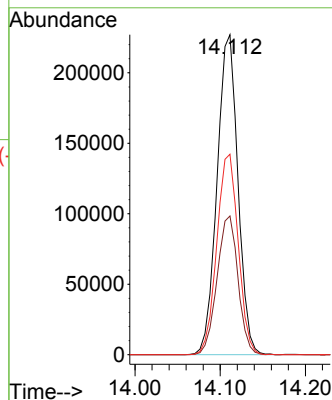
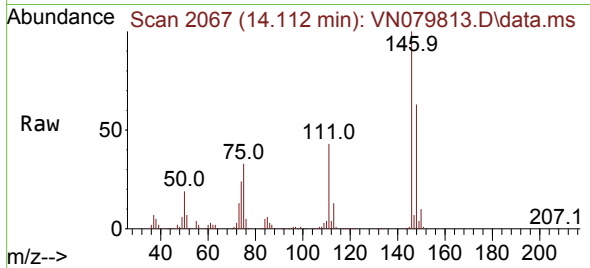




#91
1,2-Dichlorobenzene
Concen: 53.844 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

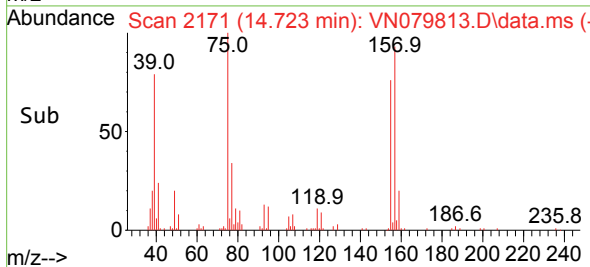
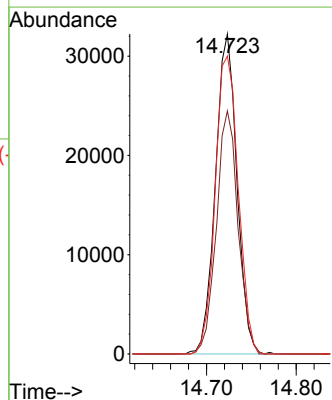
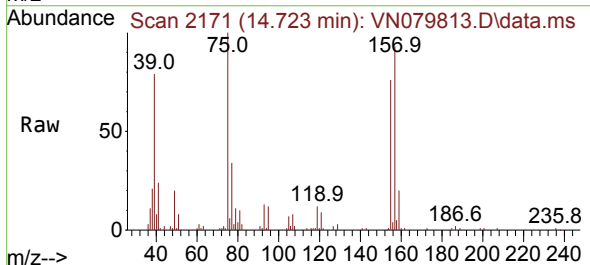
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

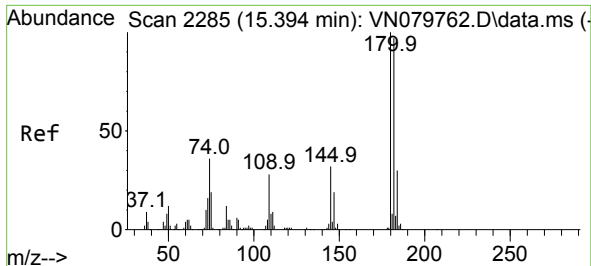
Tgt Ion:146 Resp: 386556
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.499 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079813.D
Acq: 02 Nov 2023 21:32

Tgt Ion: 75 Resp: 53713
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.2
157 99.4 50.3 150.9

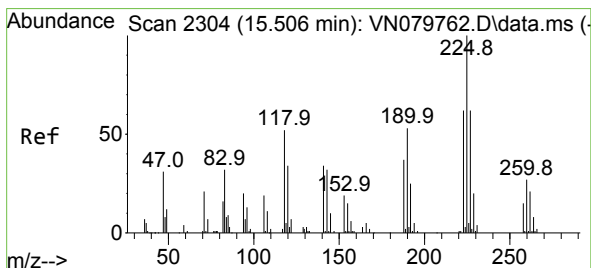
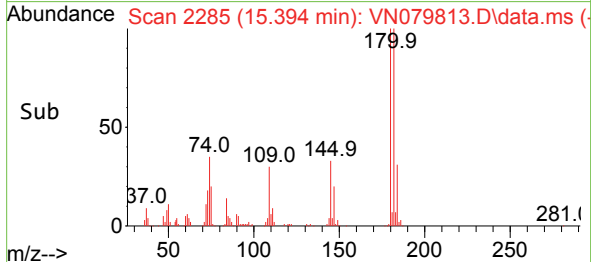
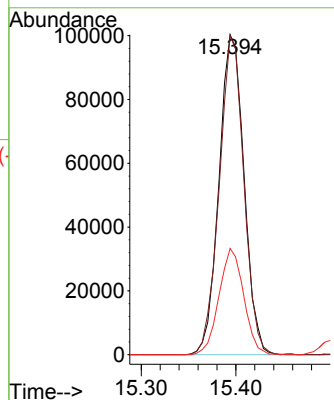
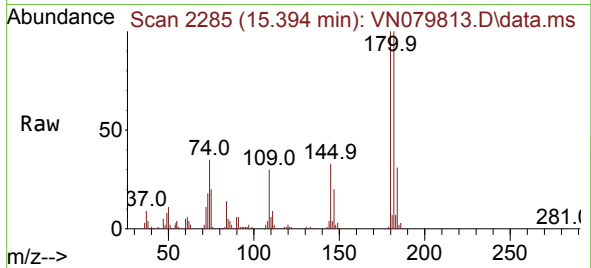




#93
 1,2,4-Trichlorobenzene
 Concen: 53.916 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

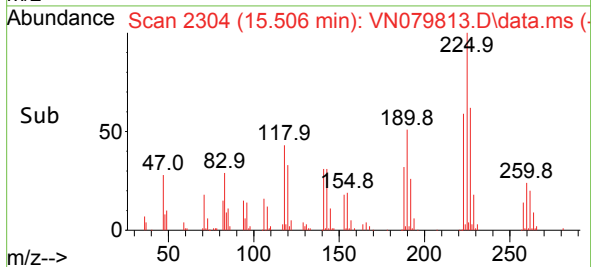
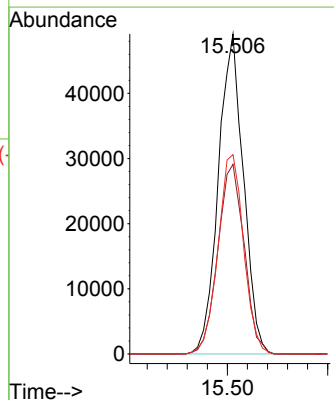
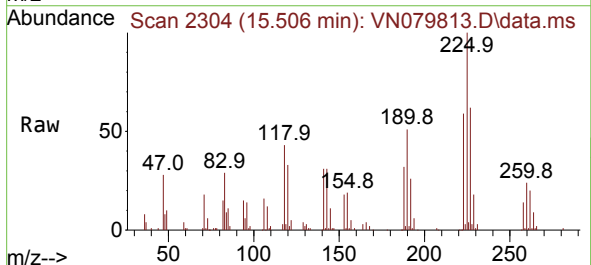
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

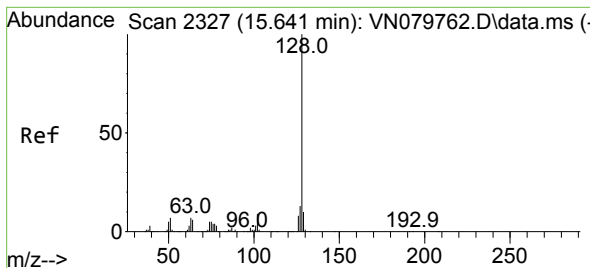
Tgt Ion:180 Resp: 184049
 Ion Ratio Lower Upper
 180 100
 182 97.6 46.1 138.2
 145 32.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 54.990 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079813.D
 Acq: 02 Nov 2023 21:32

Tgt Ion:225 Resp: 85096
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 63.6 31.9 95.9





#95

Naphthalene

Concen: 52.220 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

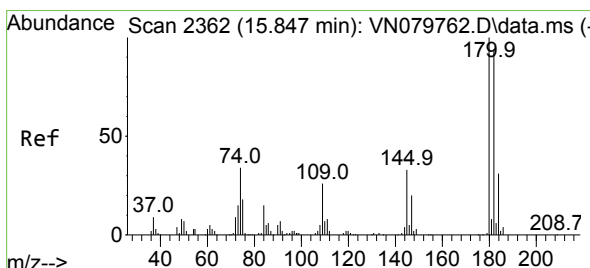
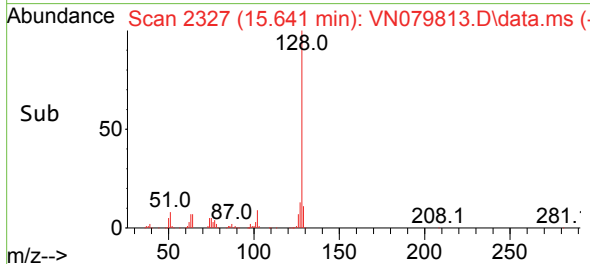
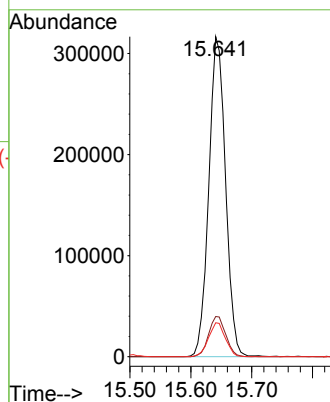
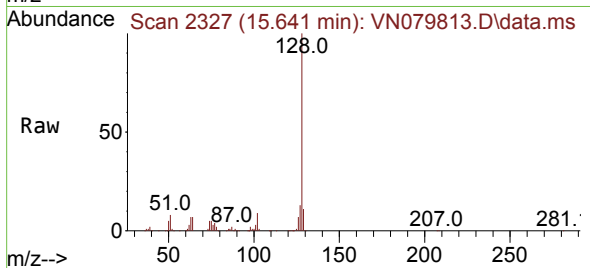
Tgt Ion:128 Resp: 604523

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.741 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079813.D

Acq: 02 Nov 2023 21:32

Tgt Ion:180 Resp: 183173

Ion Ratio Lower Upper

180 100

182 94.4 46.2 138.6

145 34.2 17.5 52.6

