

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080723\
 Data File : VN078785.D
 Acq On : 07 Aug 2023 19:40
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 08 05:16:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	163328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	49992	20.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	40.840%#
35) Dibromofluoromethane	8.177	113	41077	20.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	41.420%#
50) Toluene-d8	10.577	98	153619	21.051	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	42.100%#
62) 4-Bromofluorobenzene	12.853	95	43377	19.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	47648	19.768	ug/l	94
3) Chloromethane	2.371	50	55098	19.597	ug/l	96
4) Vinyl Chloride	2.518	62	51919	19.557	ug/l	97
5) Bromomethane	2.954	94	36808	19.577	ug/l	97
6) Chloroethane	3.124	64	34073	19.520	ug/l	91
7) Trichlorofluoromethane	3.501	101	69706	19.115	ug/l	95
8) Diethyl Ether	3.965	74	26146	19.650	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.377	101	37742	19.871	ug/l	97
10) Methyl Iodide	4.595	142	46936	19.244	ug/l	97
11) Tert butyl alcohol	5.547	59	41420	96.387	ug/l	96
12) 1,1-Dichloroethene	4.342	96	37819	19.813	ug/l #	87
13) Acrolein	4.195	56	33640	92.521	ug/l	96
14) Allyl chloride	5.030	41	60087	18.906	ug/l	92
15) Acrylonitrile	5.742	53	108009	96.515	ug/l	98
16) Acetone	4.448	43	91914	97.563	ug/l #	88
17) Carbon Disulfide	4.718	76	106465	19.553	ug/l	97
18) Methyl Acetate	5.042	43	83988	19.849	ug/l #	81
19) Methyl tert-butyl Ether	5.812	73	125882	19.523	ug/l #	90
20) Methylene Chloride	5.289	84	45006	19.289	ug/l #	81
21) trans-1,2-Dichloroethene	5.800	96	41137	19.258	ug/l	92
22) Diisopropyl ether	6.683	45	149261	19.548	ug/l #	88
23) Vinyl Acetate	6.618	43	476057	99.352	ug/l #	84
24) 1,1-Dichloroethane	6.583	63	81183	19.552	ug/l	95
25) 2-Butanone	7.494	43	156073	97.832	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	55370	19.096	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	47350	19.307	ug/l	87
28) Bromochloromethane	7.818	49	42672	18.966	ug/l #	73
29) Tetrahydrofuran	7.847	42	103252	96.718	ug/l #	71
30) Chloroform	7.977	83	80327	19.209	ug/l	99
31) Cyclohexane	8.265	56	69944	19.442	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	70917	19.952	ug/l	95
36) 1,1-Dichloropropene	8.377	75	58432	18.994	ug/l	95
37) Ethyl Acetate	7.577	43	64648	19.764	ug/l #	90
38) Carbon Tetrachloride	8.371	117	61350	19.345	ug/l	99
39) Methylcyclohexane	9.606	83	55730	19.394	ug/l	90
40) Benzene	8.612	78	177861	19.114	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34398	18.914	ug/l #	81
42) 1,2-Dichloroethane	8.683	62	63197	18.896	ug/l	98
43) Isopropyl Acetate	8.694	43	107926	19.570	ug/l #	88
44) Trichloroethene	9.359	130	43893	19.261	ug/l	98
45) 1,2-Dichloropropane	9.630	63	49370	19.792	ug/l	95
46) Dibromomethane	9.718	93	32268	19.436	ug/l	98
47) Bromodichloromethane	9.894	83	63706	19.279	ug/l	94
48) Methyl methacrylate	9.688	41	47258	18.546	ug/l #	79
49) 1,4-Dioxane	9.712	88	16542	399.786	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	325294	96.301	ug/l #	85
52) Toluene	10.635	92	110213	19.394	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	62863	18.619	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	70178	19.131	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	42893	18.989	ug/l	95
56) Ethyl methacrylate	10.882	69	64117	19.574	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	73923	18.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	109939	93.488	ug/l #	87
59) 2-Hexanone	11.206	43	227322	95.041	ug/l	84
60) Dibromochloromethane	11.365	129	43082	18.172	ug/l	93
61) 1,2-Dibromoethane	11.476	107	43087	19.258	ug/l	97
64) Tetrachloroethene	11.106	164	38100	19.738	ug/l	97
65) Chlorobenzene	11.894	112	111978	19.627	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	42290	19.138	ug/l	96
67) Ethyl Benzene	11.971	91	196994	19.385	ug/l	98
68) m/p-Xylenes	12.076	106	149309	39.825	ug/l	100
69) o-Xylene	12.406	106	72344	19.657	ug/l	97
70) Styrene	12.418	104	113455	19.643	ug/l	99
71) Bromoform	12.582	173	29559	19.179	ug/l #	96
73) Isopropylbenzene	12.700	105	177449	19.768	ug/l	99
74) N-amyl acetate	12.500	43	79631	19.556	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	60058	19.687	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	71482	28.988	ug/l	66
77) Bromobenzene	12.988	156	40069	19.024	ug/l	98
78) n-propylbenzene	13.041	91	191997	19.460	ug/l	97
79) 2-Chlorotoluene	13.129	91	125379	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	141173	19.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	16234	17.666	ug/l #	72
82) 4-Chlorotoluene	13.223	91	113922	19.646	ug/l	97
83) tert-Butylbenzene	13.447	119	121006	20.204	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	138524	20.044	ug/l	99
85) sec-Butylbenzene	13.618	105	153986	19.663	ug/l	98
86) p-Isopropyltoluene	13.735	119	122989	19.751	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	67629	20.104	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	66292	19.880	ug/l	100
89) n-Butylbenzene	14.065	91	94235	20.169	ug/l	97
90) Hexachloroethane	14.341	117	24762	19.186	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	64816	20.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9422	20.135	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	16052	17.629	ug/l	100
94) Hexachlorobutadiene	15.512	225	12762	19.506	ug/l	91
95) Naphthalene	15.647	128	54036	17.779	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	21010	19.378	ug/l	99

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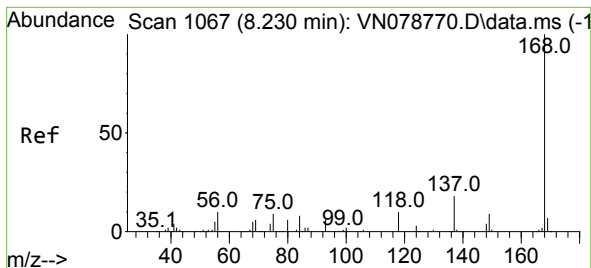
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1067

Delta R.T. 0.005 min

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MSVOA_N

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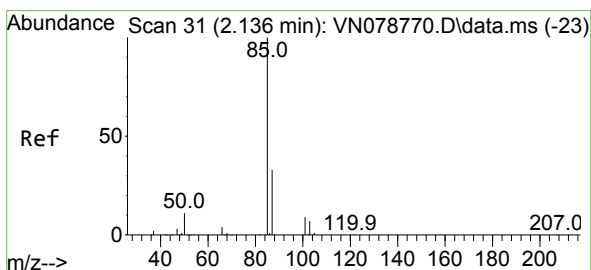
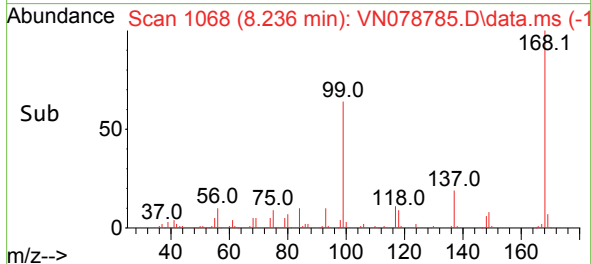
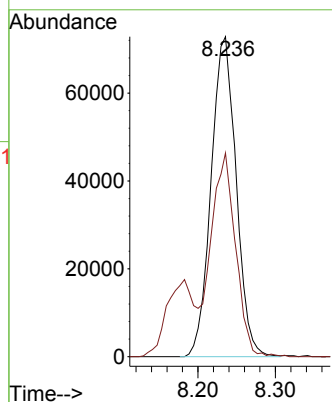
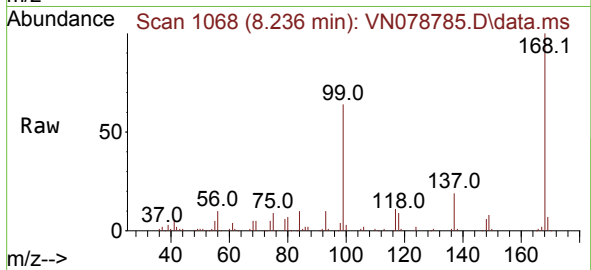
VSTDIC020

Tgt Ion:168 Resp: 163328

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.768 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078785.D

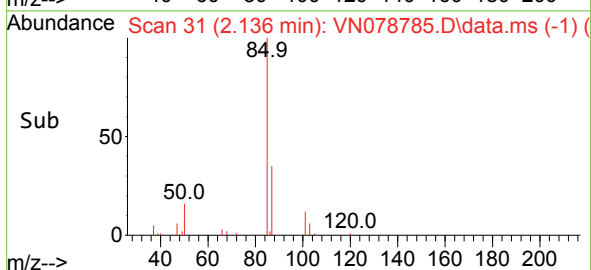
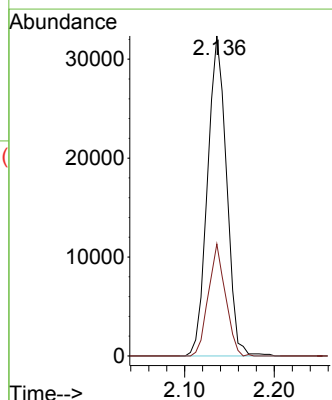
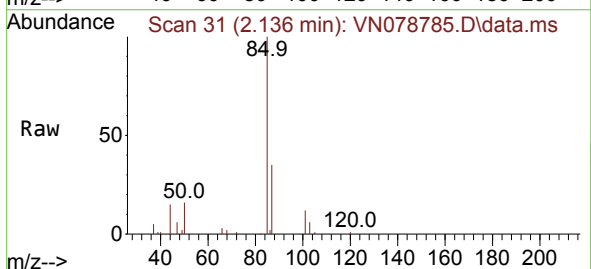
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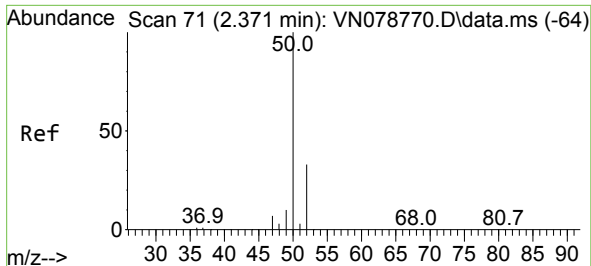
Tgt Ion: 85 Resp: 47648

Ion Ratio Lower Upper

85 100

87 35.0 15.8 47.4

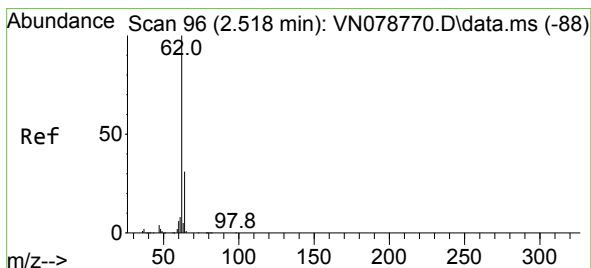
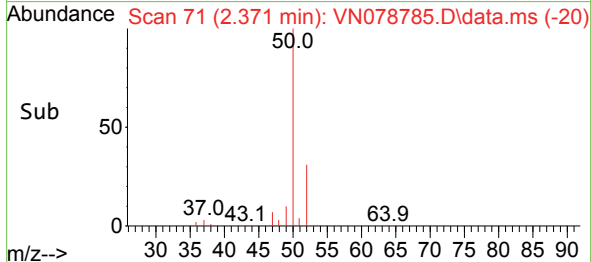
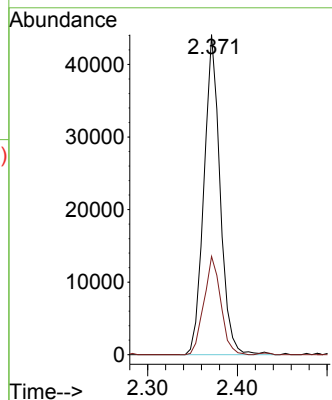
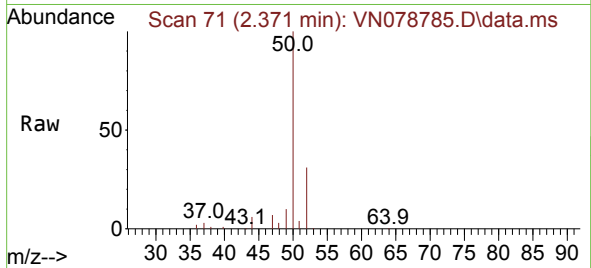




#3
Chloromethane
Concen: 19.597 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
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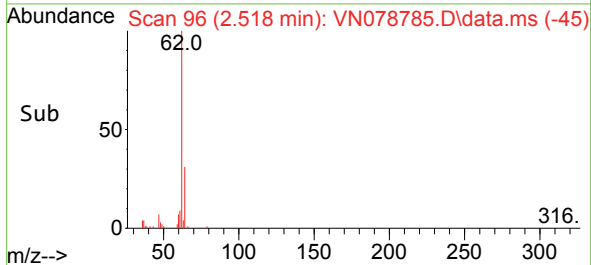
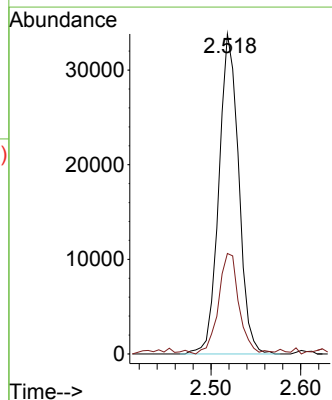
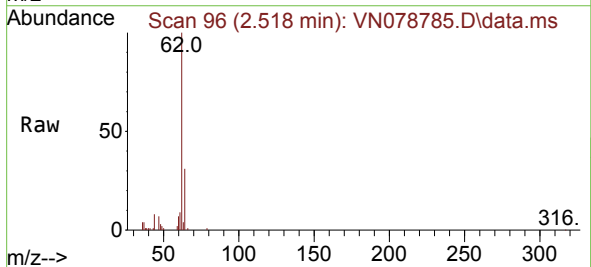
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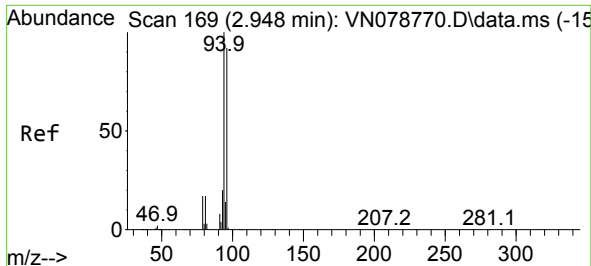
Tgt Ion: 50 Resp: 55098
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7



#4
Vinyl Chloride
Concen: 19.557 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078785.D
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Tgt Ion: 62 Resp: 51919
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

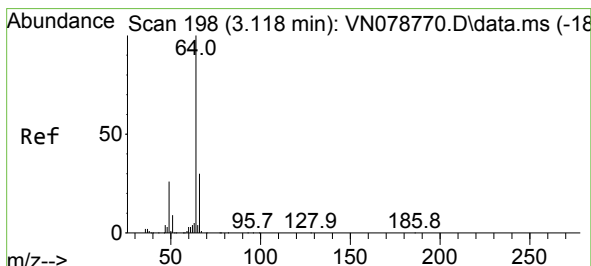
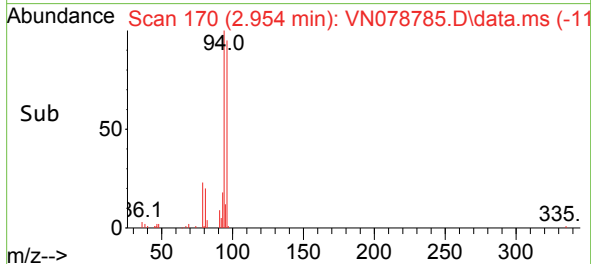
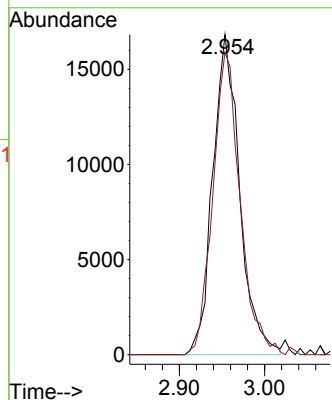
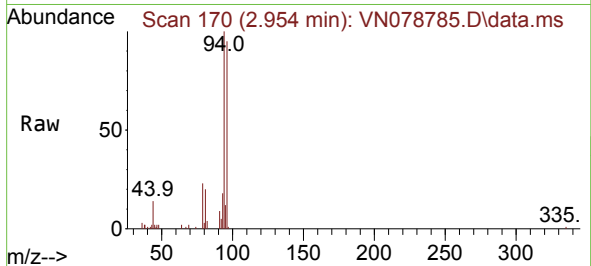




#5
Bromomethane
Concen: 19.577 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
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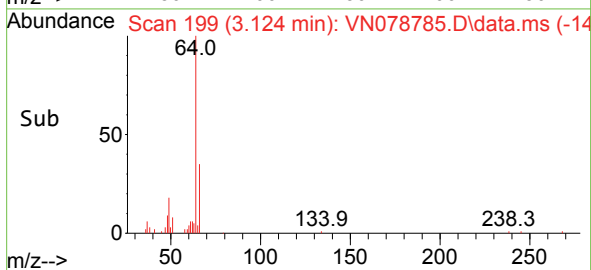
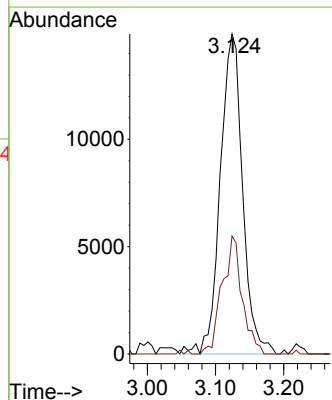
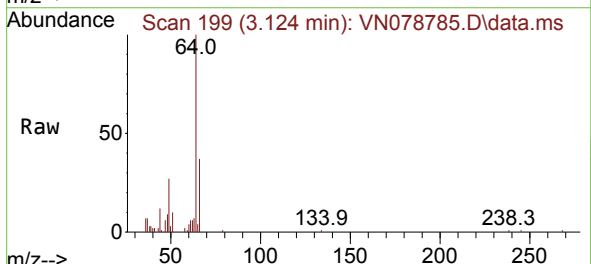
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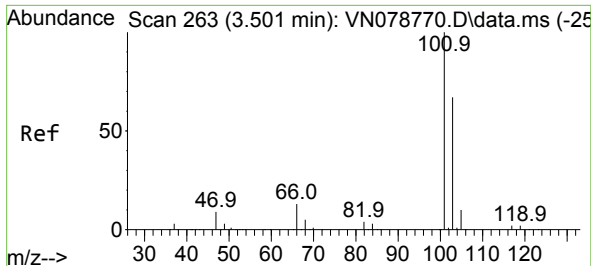
Tgt Ion: 94 Resp: 36808
Ion Ratio Lower Upper
94 100
96 94.6 73.1 109.7



#6
Chloroethane
Concen: 19.520 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 64 Resp: 34073
Ion Ratio Lower Upper
64 100
66 36.8 25.4 38.2

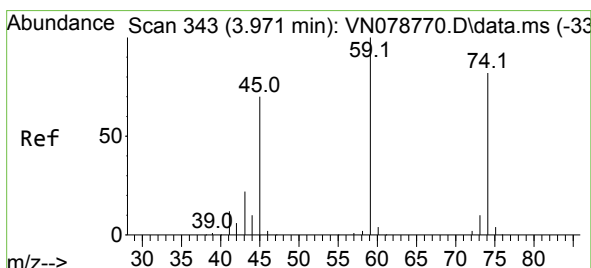
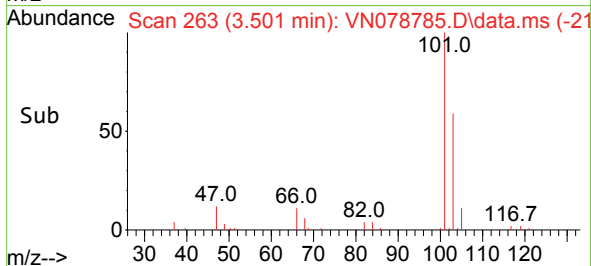
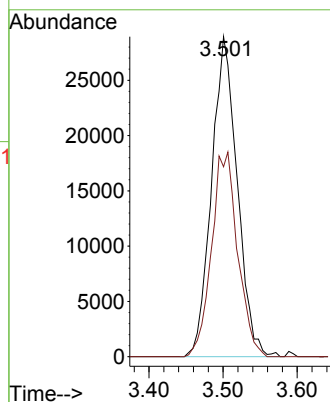
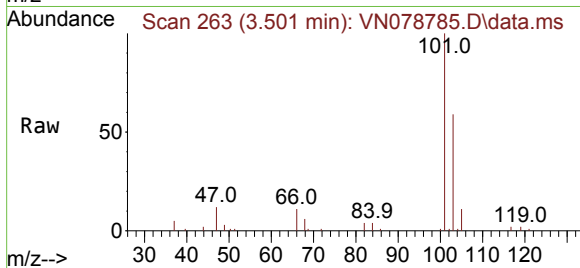




#7
Trichlorofluoromethane
Concen: 19.115 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078785.D
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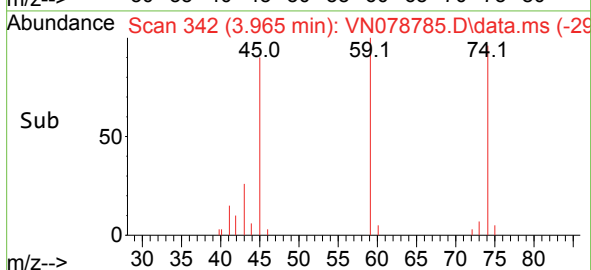
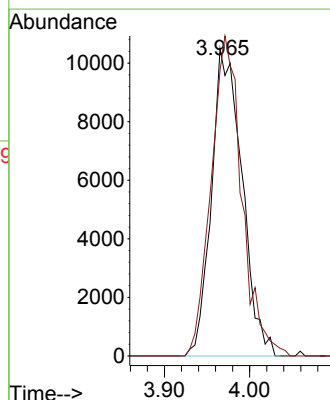
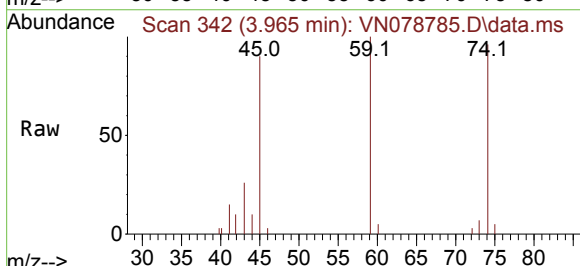
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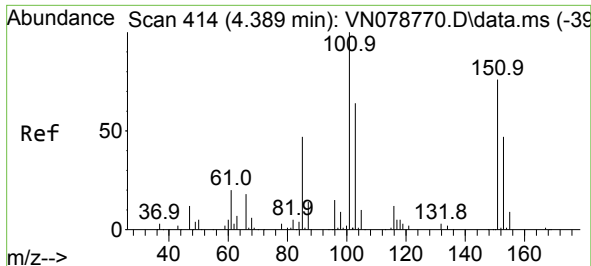
Tgt Ion:101 Resp: 69706
Ion Ratio Lower Upper
101 100
103 59.4 50.7 76.1



#8
Diethyl Ether
Concen: 19.650 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078785.D
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Tgt Ion: 74 Resp: 26146
Ion Ratio Lower Upper
74 100
45 104.8 34.4 103.3#

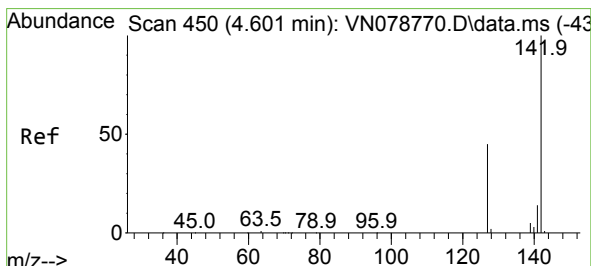
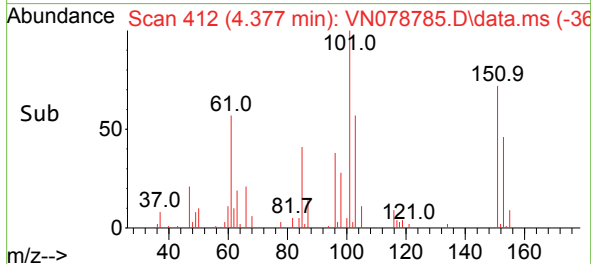
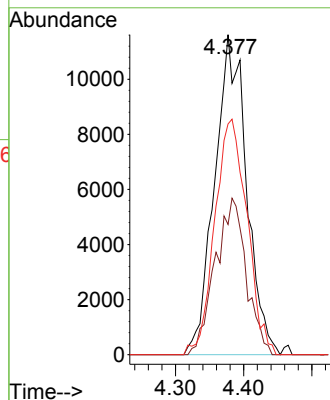
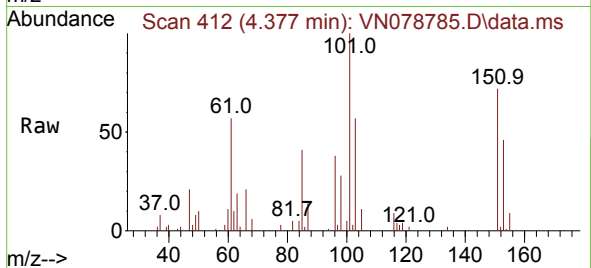




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.871 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.012 min
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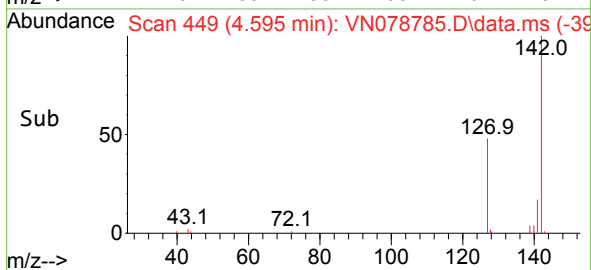
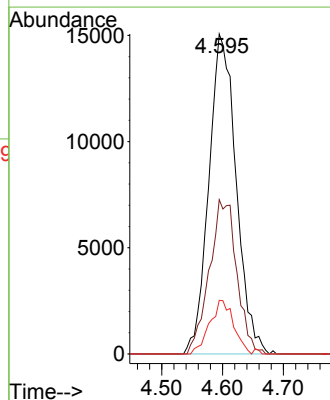
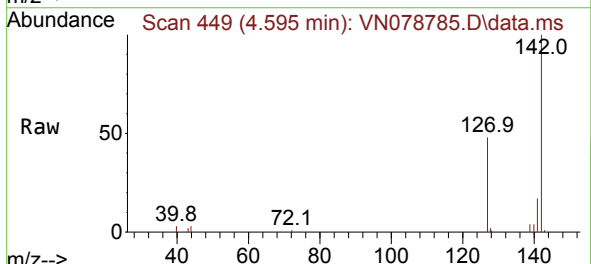
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

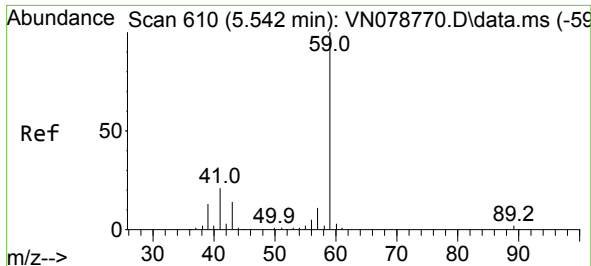
Tgt Ion:101 Resp: 37742
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 19.244 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:142 Resp: 46936
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 16.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 96.387 ug/l

RT: 5.547 min Scan# 610

Delta R.T. 0.005 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

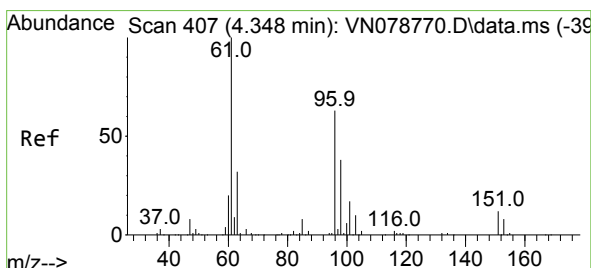
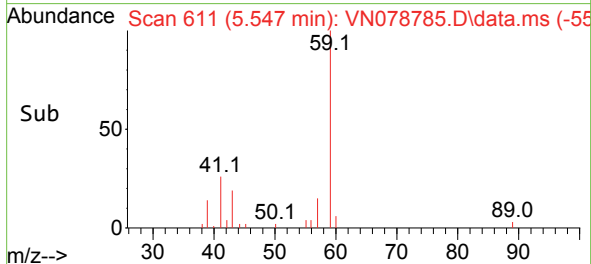
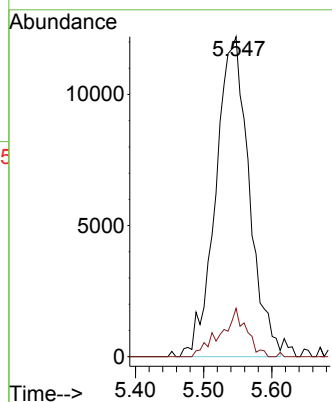
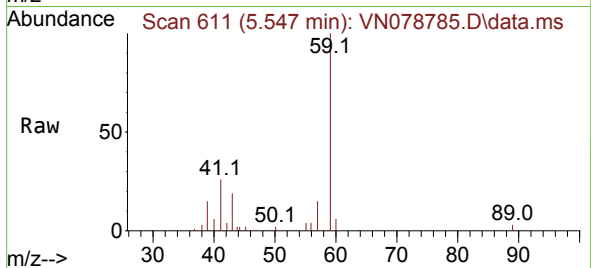
VSTDIC020

Tgt Ion: 59 Resp: 41420

Ion Ratio Lower Upper

59 100

57 11.7 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.813 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

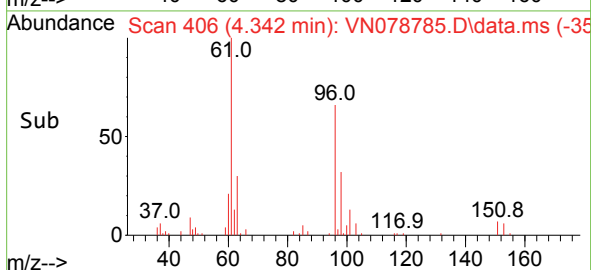
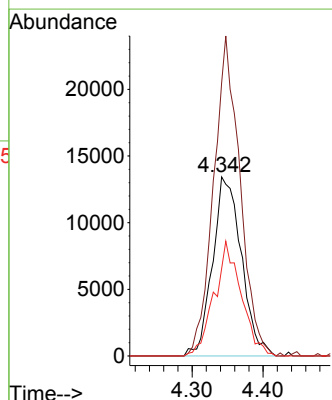
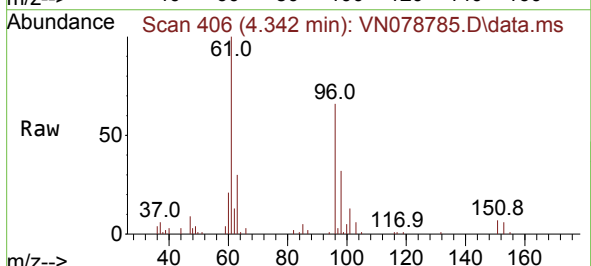
Tgt Ion: 96 Resp: 37819

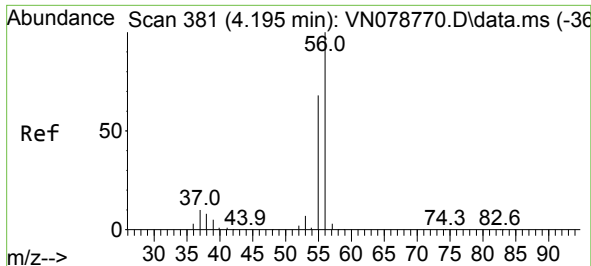
Ion Ratio Lower Upper

96 100

61 152.5 112.7 169.1

98 48.8 51.2 76.8#





#13

Acrolein

Concen: 92.521 ug/l

RT: 4.195 min Scan# 381

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

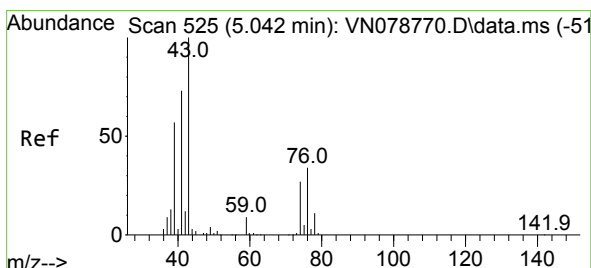
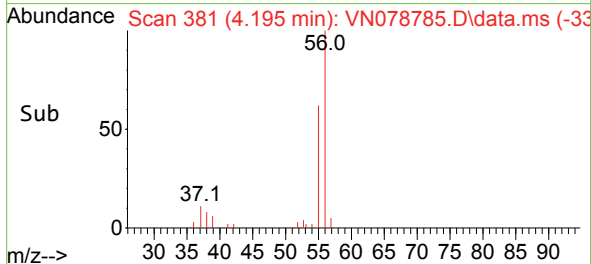
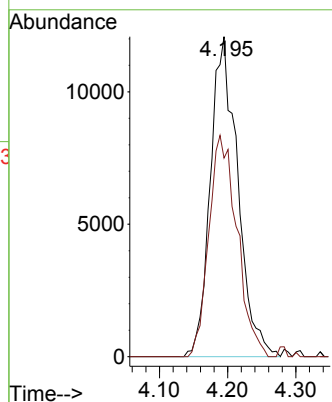
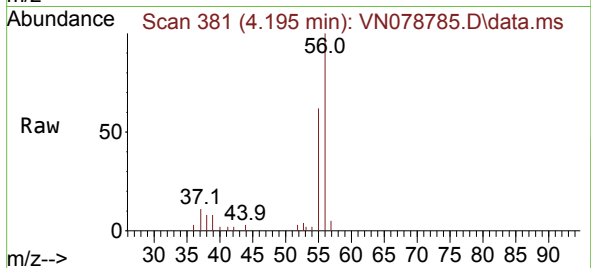
VSTDIC020

Tgt Ion: 56 Resp: 33640

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 18.906 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

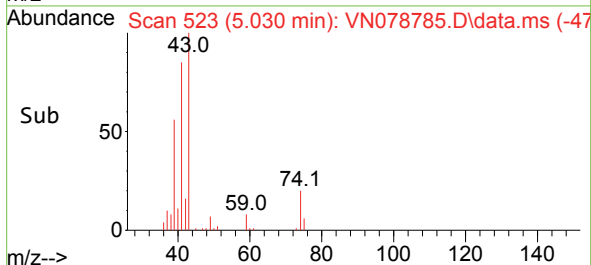
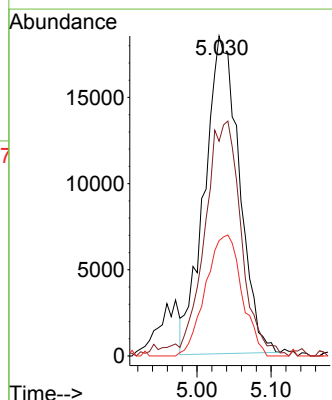
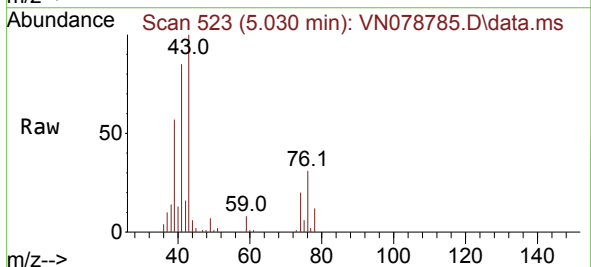
Tgt Ion: 41 Resp: 60087

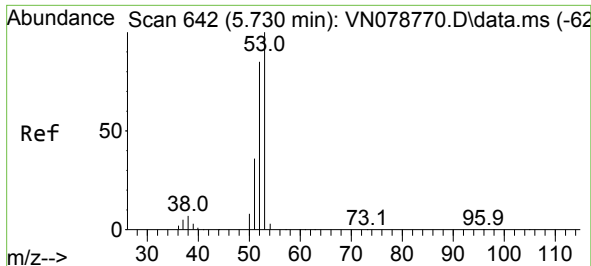
Ion Ratio Lower Upper

41 100

39 77.8 58.8 88.2

76 39.6 39.1 58.7

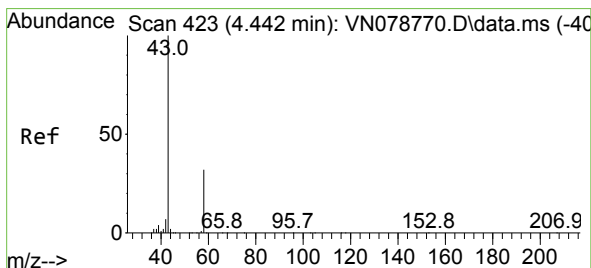
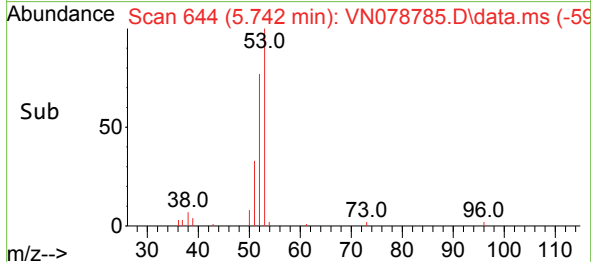
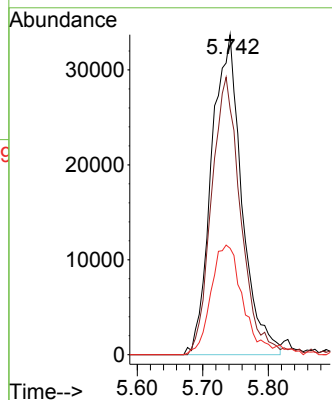
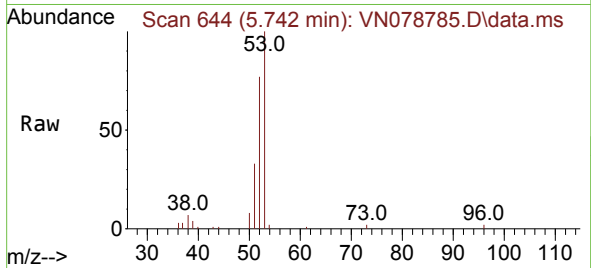




#15
Acrylonitrile
Concen: 96.515 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

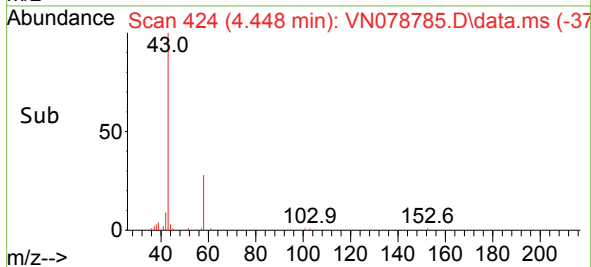
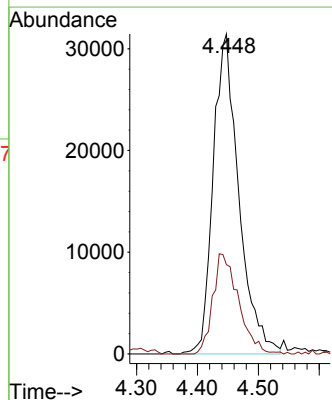
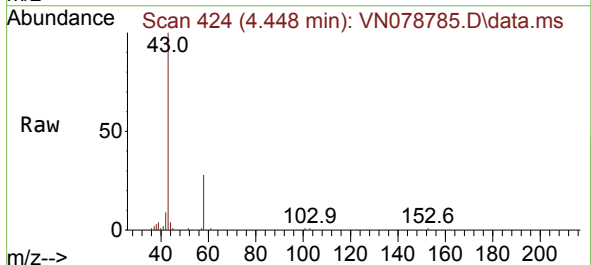
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MSVOA_N
ClientSampleId :
VSTDICC020

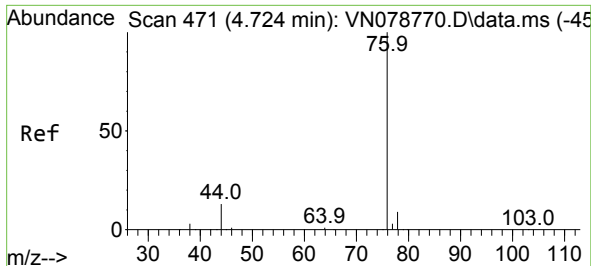
Tgt Ion: 53 Resp: 108009
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 97.563 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 43 Resp: 91914
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#

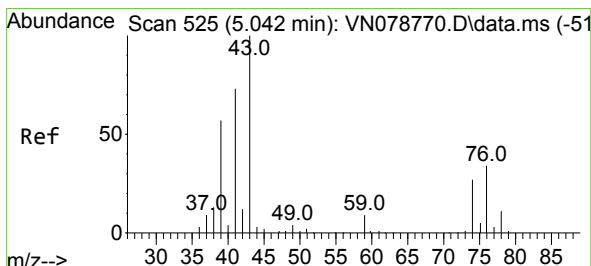
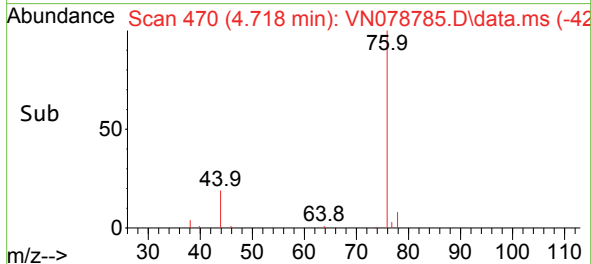
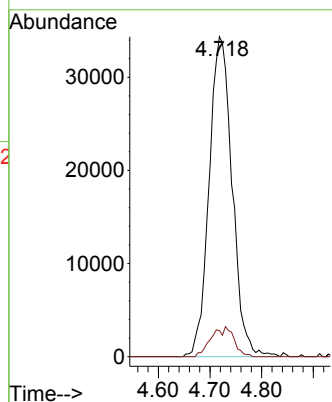
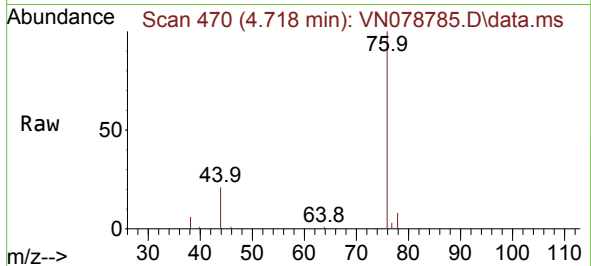




#17
Carbon Disulfide
Concen: 19.553 ug/l
RT: 4.718 min Scan# 471
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

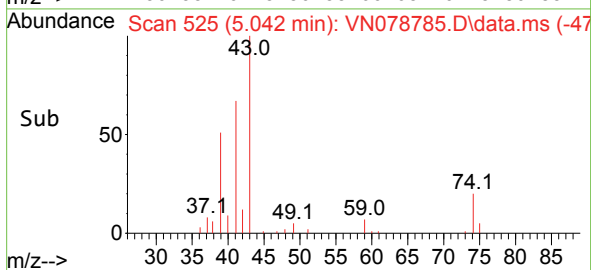
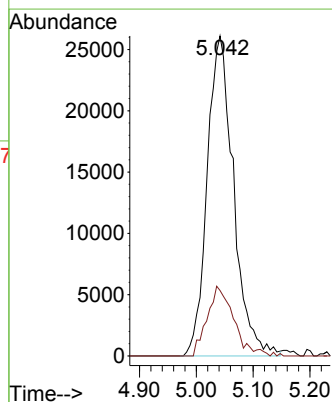
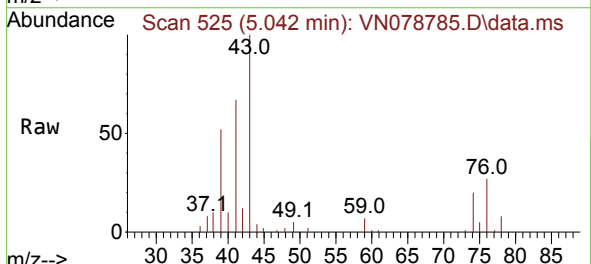
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

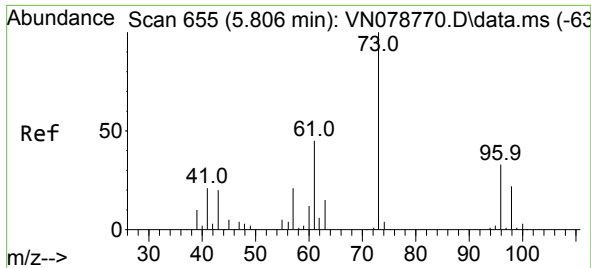
Tgt Ion: 76 Resp: 106465
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 19.849 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 43 Resp: 83988
Ion Ratio Lower Upper
43 100
74 21.9 26.2 39.4#

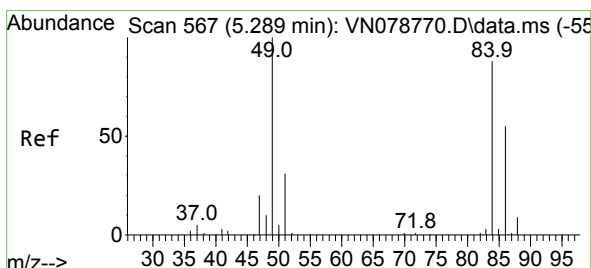
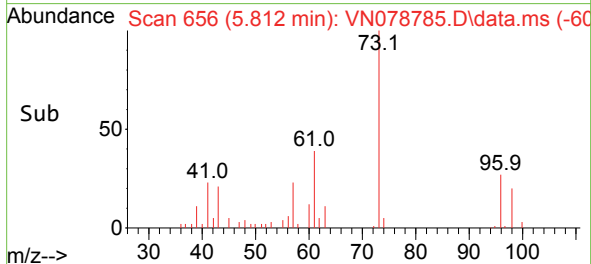
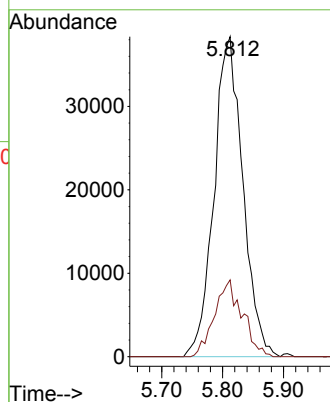
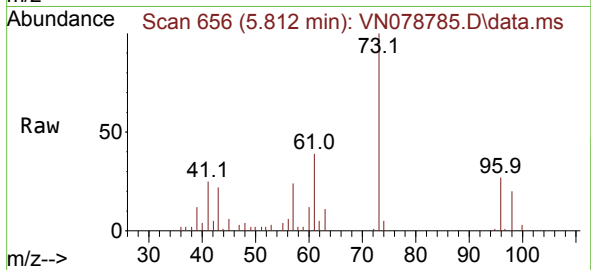




#19
Methyl tert-butyl Ether
Concen: 19.523 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

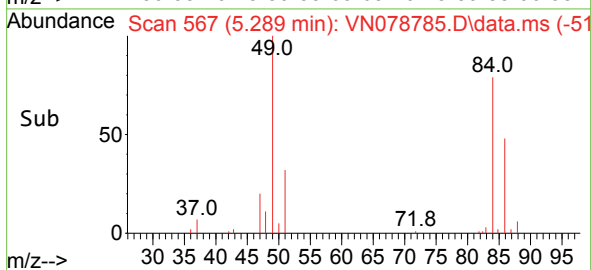
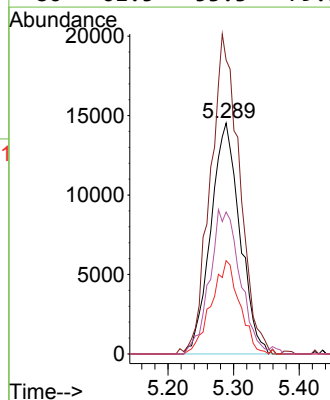
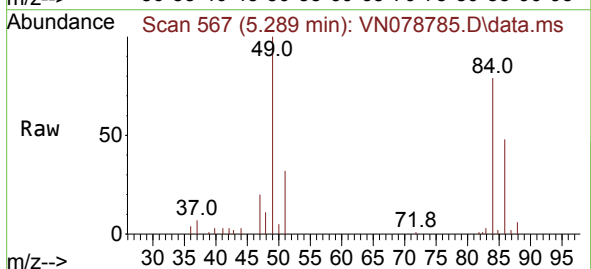
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

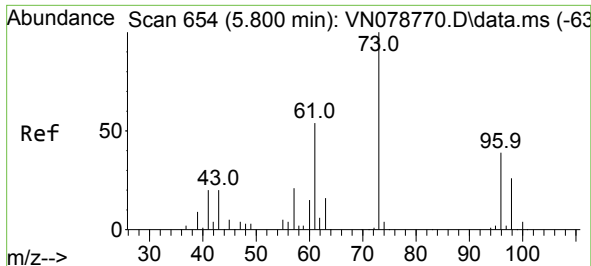
Tgt Ion: 73 Resp: 125882
Ion Ratio Lower Upper
73 100
57 24.0 15.6 23.4#



#20
Methylene Chloride
Concen: 19.289 ug/l
RT: 5.289 min Scan# 567
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 84 Resp: 45006
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5#
51 40.4 25.2 37.8#
86 61.5 53.3 79.9

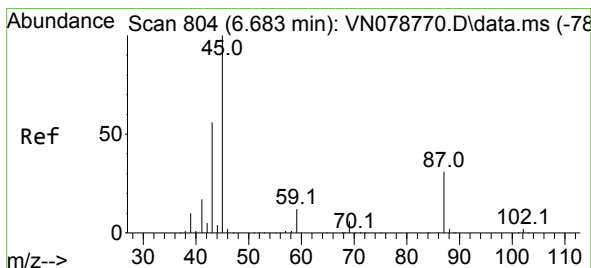
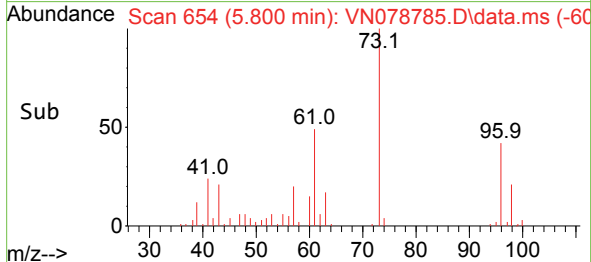
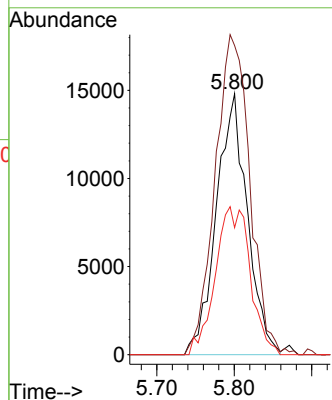
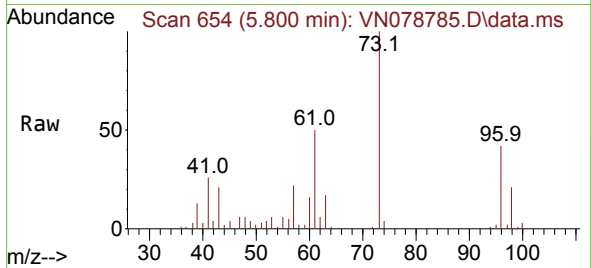




#21
trans-1,2-Dichloroethene
Concen: 19.258 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

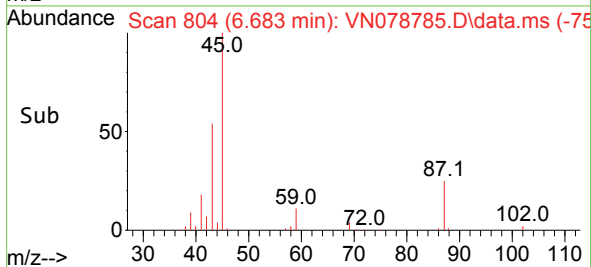
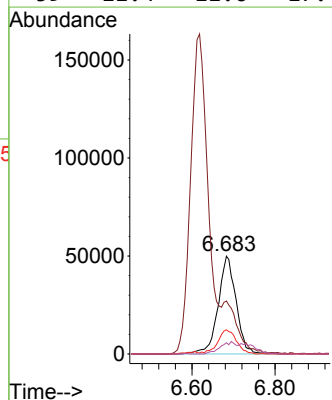
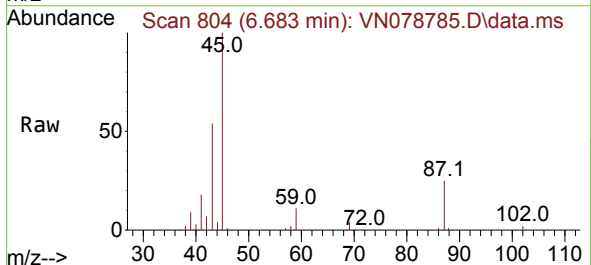
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

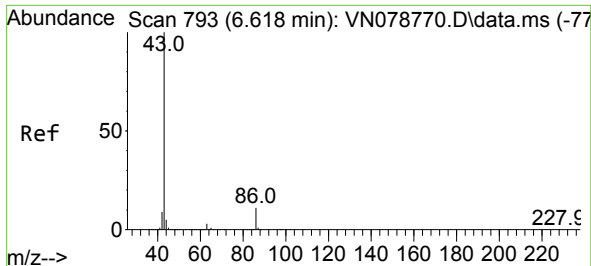
Tgt Ion: 96 Resp: 41137
Ion Ratio Lower Upper
96 100
61 118.4 90.1 135.1
98 48.7 46.4 69.6



#22
Diisopropyl ether
Concen: 19.548 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 45 Resp: 149261
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 24.7 31.8 47.8#
59 11.4 11.6 17.4#

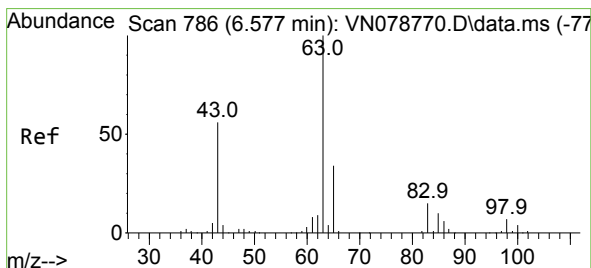
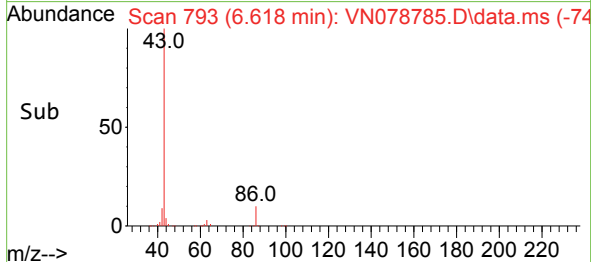
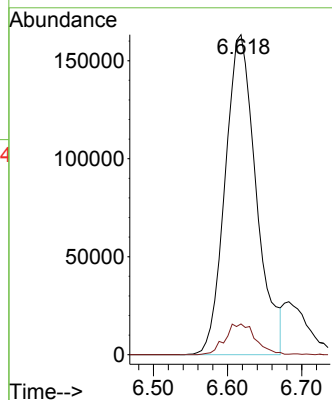
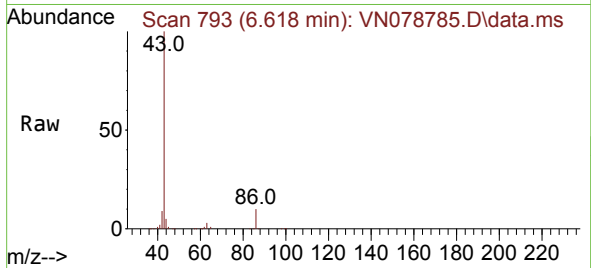




#23
 Vinyl Acetate
 Concen: 99.352 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

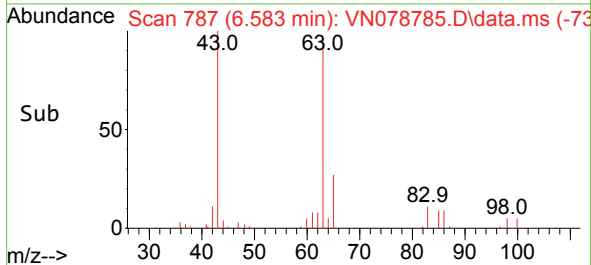
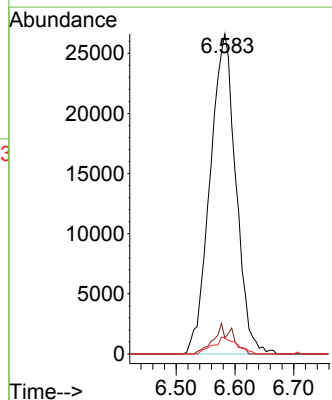
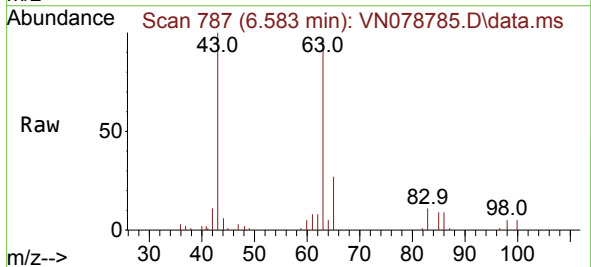
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

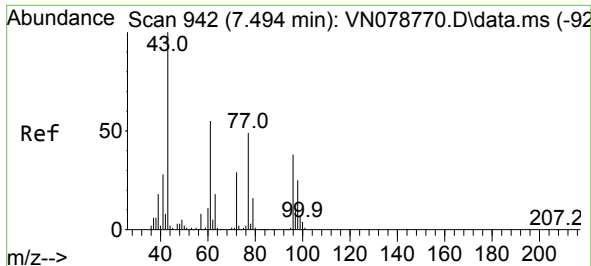
Tgt Ion: 43 Resp: 476057
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.552 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion: 63 Resp: 81183
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.9 11.7
 100 5.1 2.5 7.4

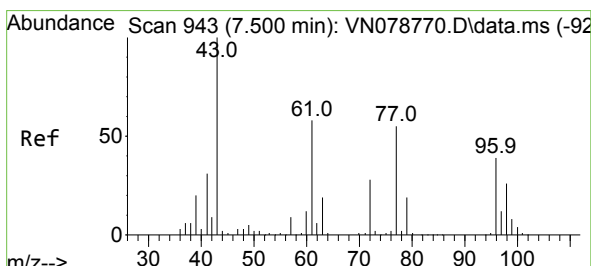
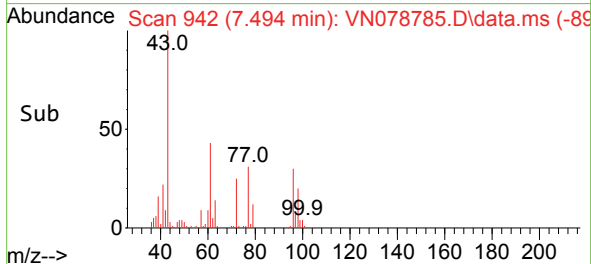
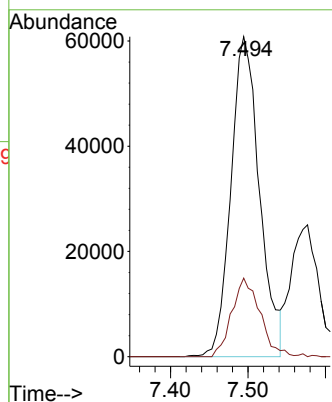
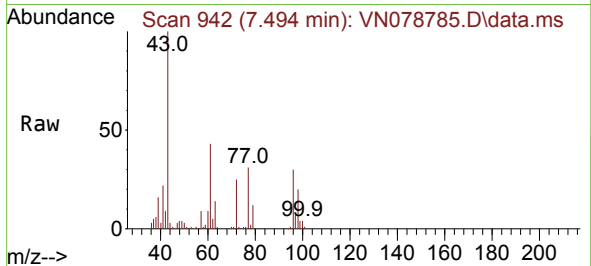




#25
2-Butanone
Concen: 97.832 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

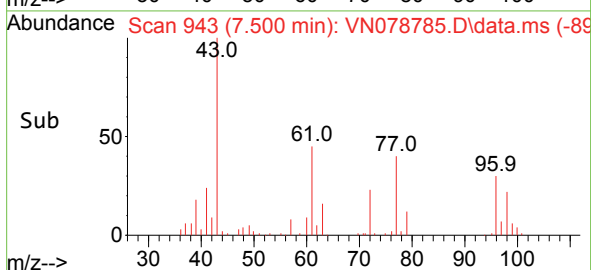
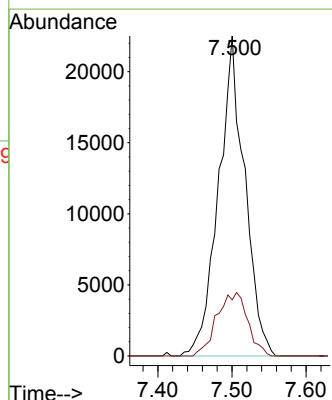
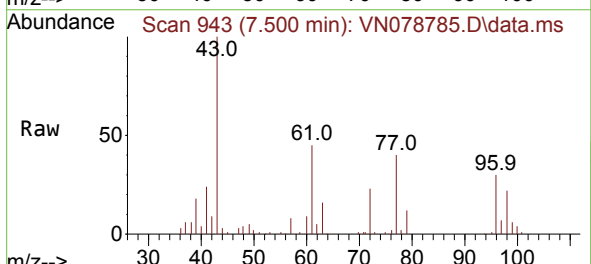
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

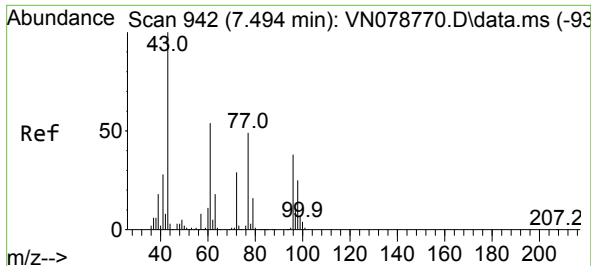
Tgt Ion: 43 Resp: 156073
Ion Ratio Lower Upper
43 100
72 24.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.096 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 77 Resp: 55370
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6

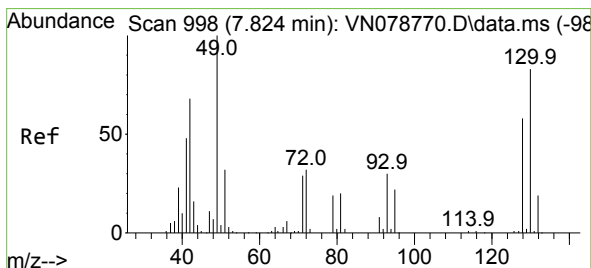
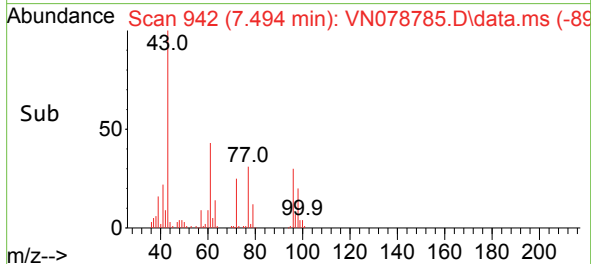
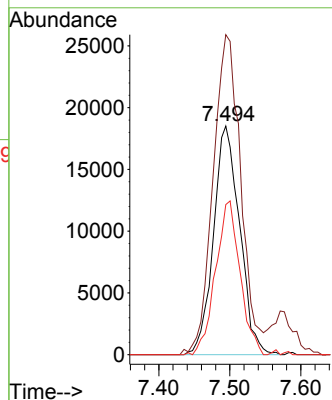
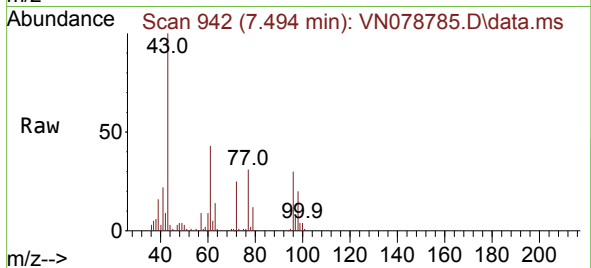




#27
 cis-1,2-Dichloroethene
 Concen: 19.307 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

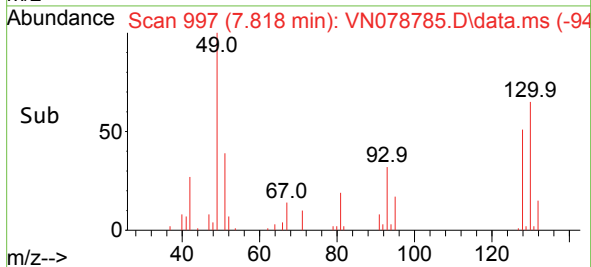
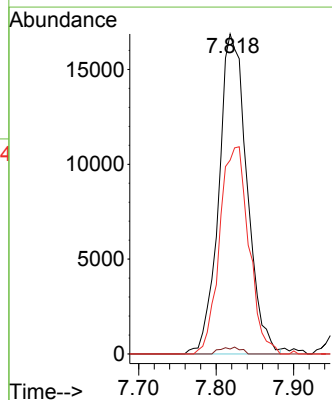
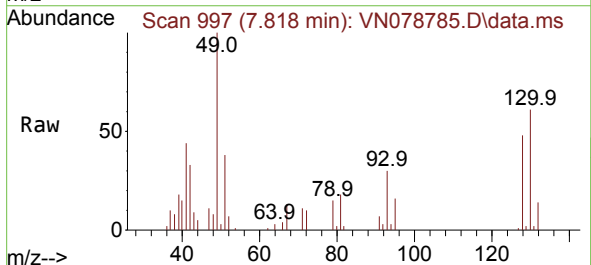
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

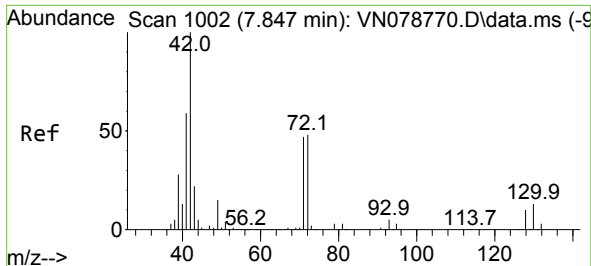
Tgt Ion: 96 Resp: 47350
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 255.2
 98 62.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.966 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion: 49 Resp: 42672
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 67.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 96.718 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

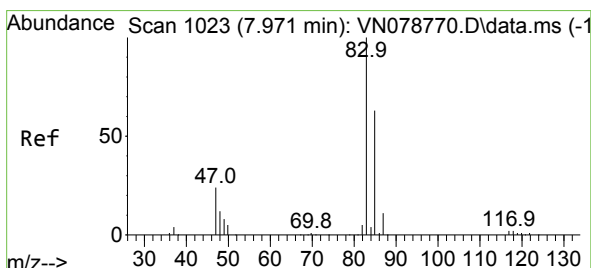
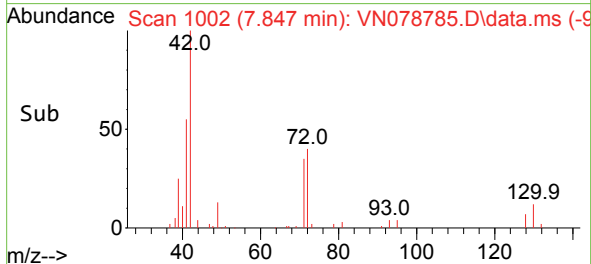
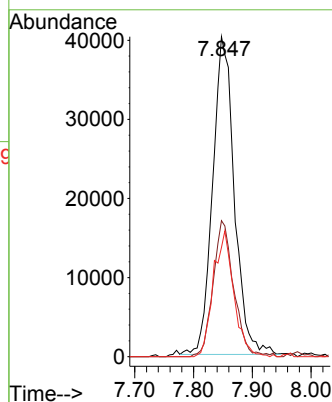
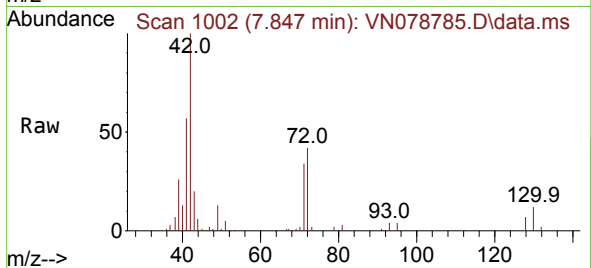
Tgt Ion: 42 Resp: 103252

Ion Ratio Lower Upper

42 100

72 40.8 49.8 74.6#

71 37.1 47.4 71.2#



#30

Chloroform

Concen: 19.209 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078785.D

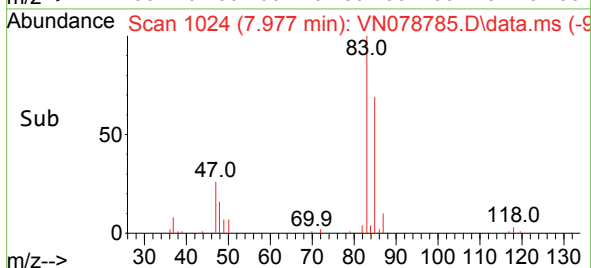
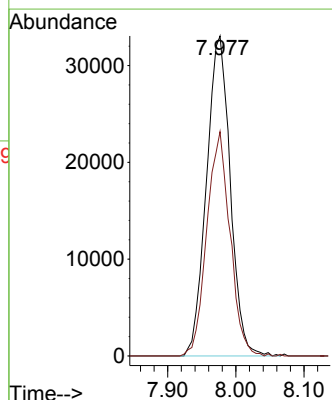
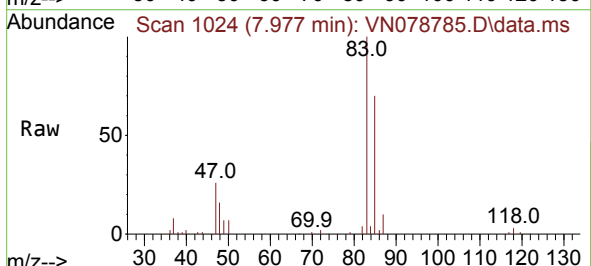
Acq: 07 Aug 2023 19:40

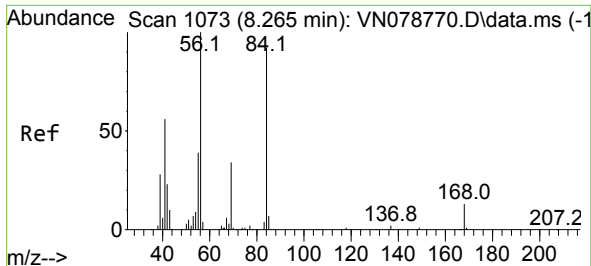
Tgt Ion: 83 Resp: 80327

Ion Ratio Lower Upper

83 100

85 70.1 55.4 83.0

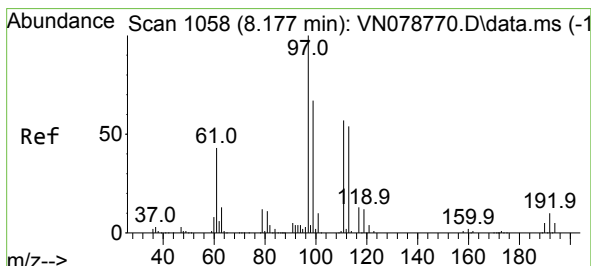
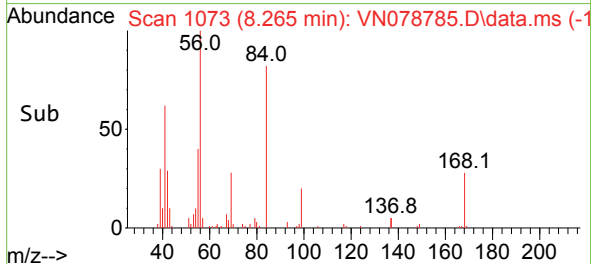
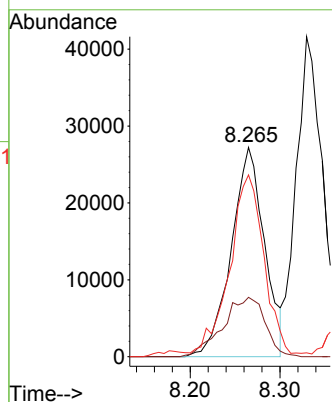
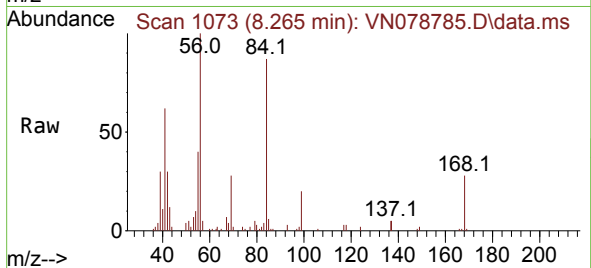




#31
Cyclohexane
Concen: 19.442 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

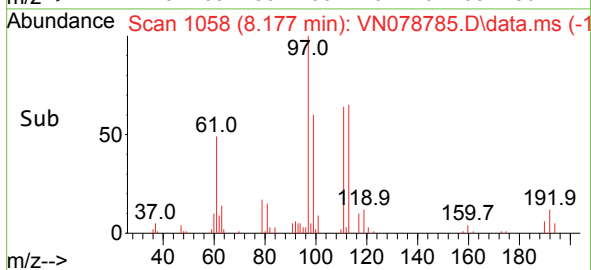
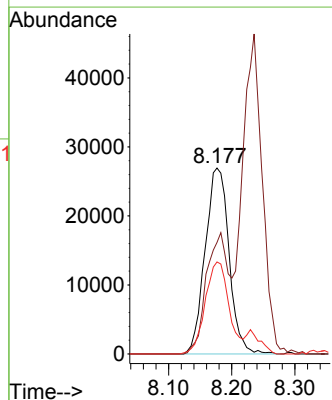
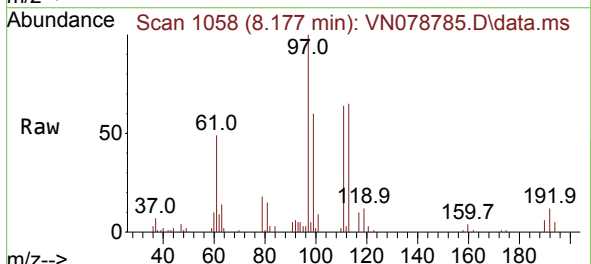
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

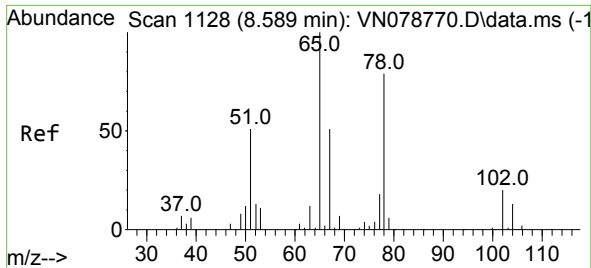
Tgt Ion: 56 Resp: 69944
Ion Ratio Lower Upper
56 100
69 28.4 26.8 40.2
84 84.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.952 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 97 Resp: 70917
Ion Ratio Lower Upper
97 100
99 61.1 50.3 75.5
61 49.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 20.417 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

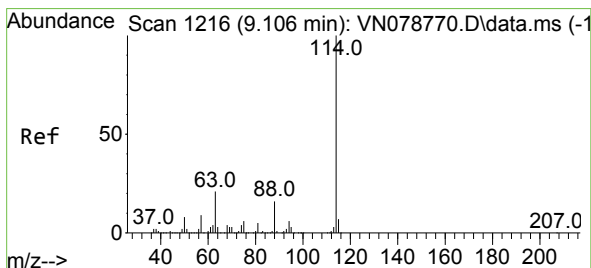
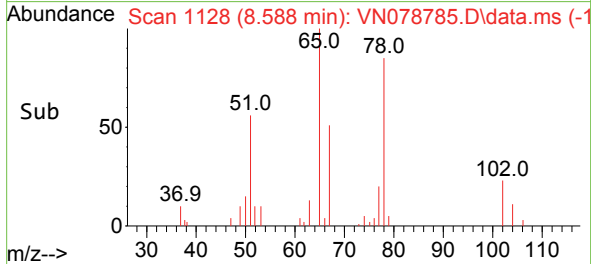
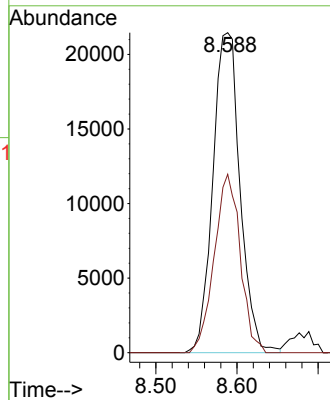
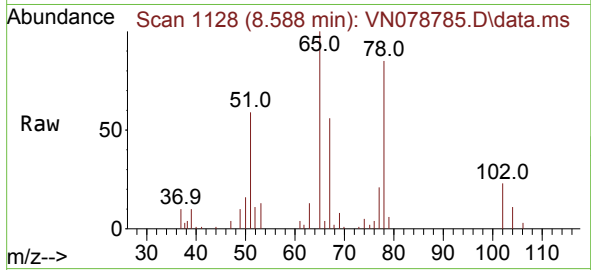
VSTDIC020

Tgt Ion: 65 Resp: 49992

Ion Ratio Lower Upper

65 100

67 53.2 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: VN078785.D

Acq: 07 Aug 2023 19:40

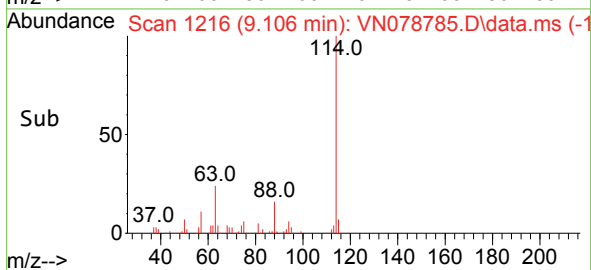
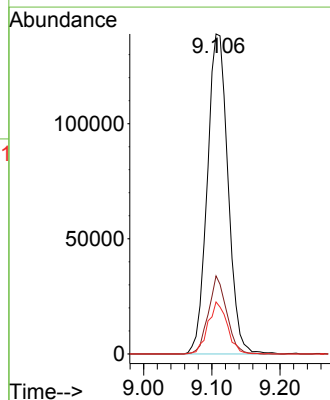
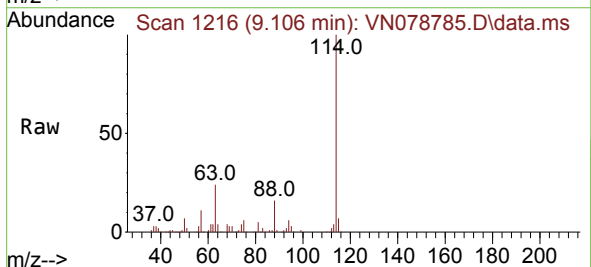
Tgt Ion: 114 Resp: 293639

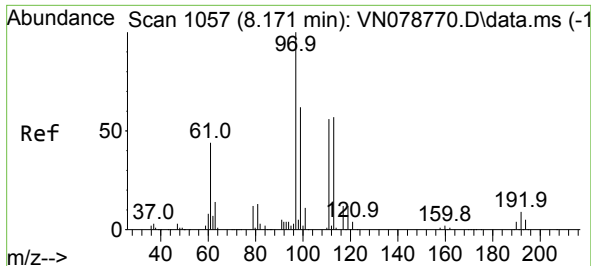
Ion Ratio Lower Upper

114 100

63 24.4 0.0 36.4

88 16.3 0.0 30.6

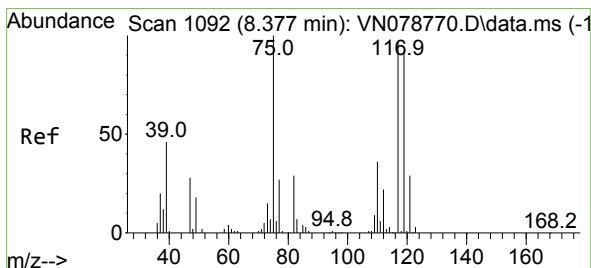
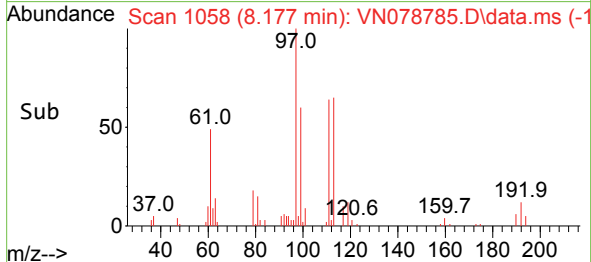
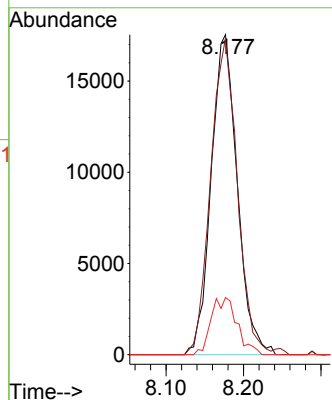
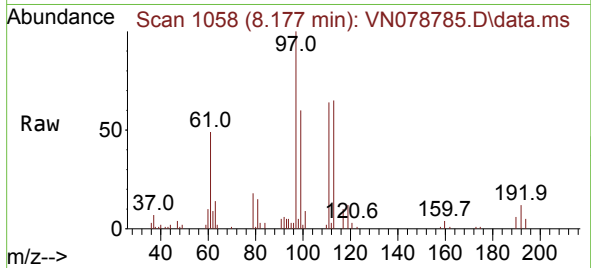




#35
Dibromofluoromethane
Concen: 20.715 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

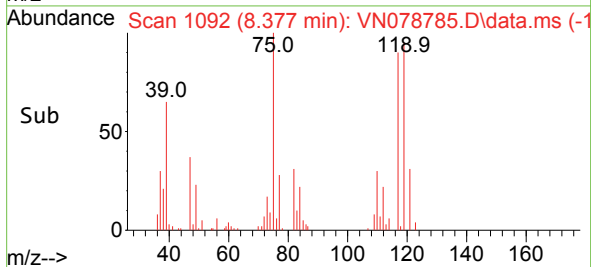
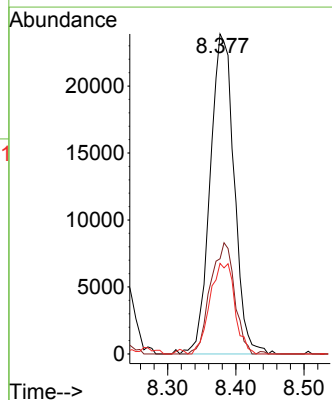
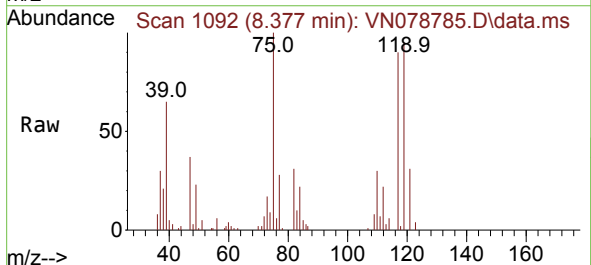
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

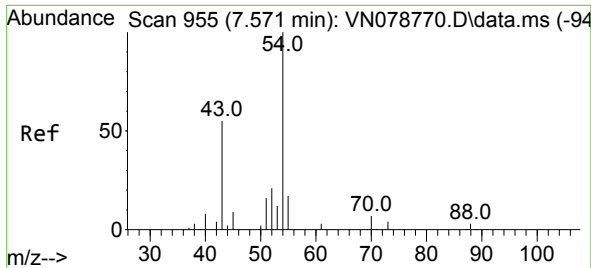
Tgt Ion:113 Resp: 41077
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.994 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 75 Resp: 58432
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 29.3 25.0 37.4

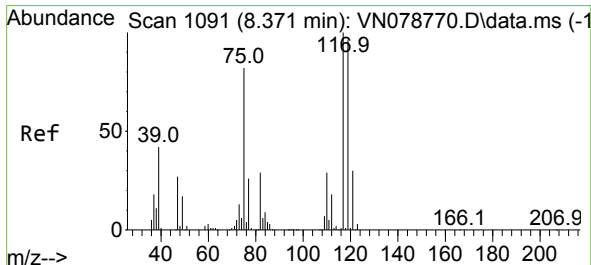
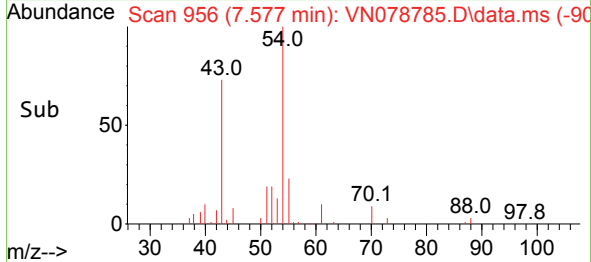
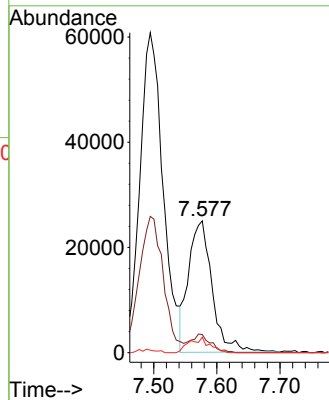
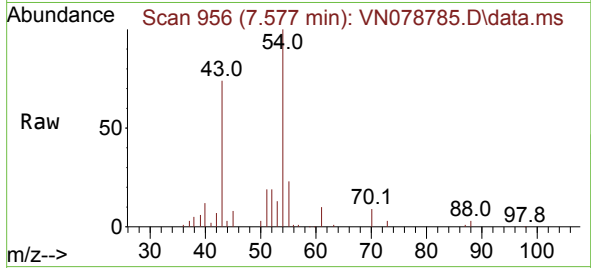




#37
Ethyl Acetate
Concen: 19.764 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

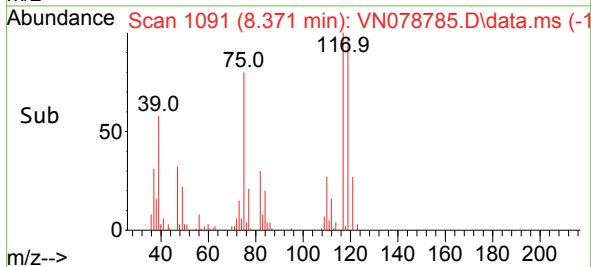
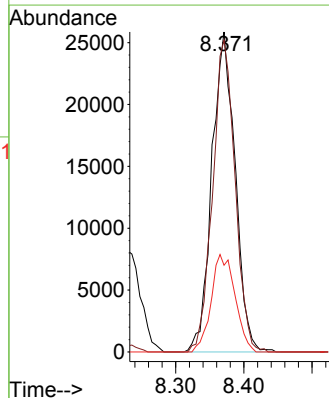
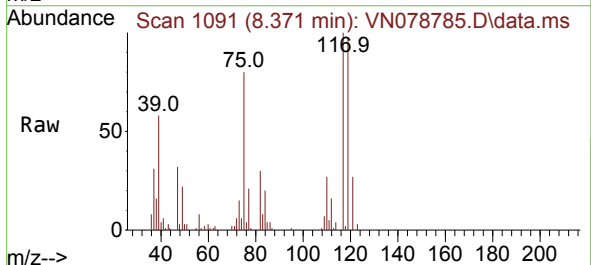
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

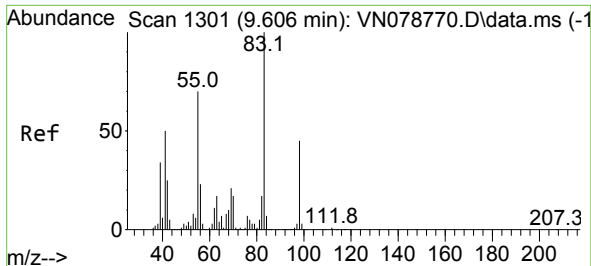
Tgt Ion: 43 Resp: 64648
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8#
70 10.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.345 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 117 Resp: 61350
Ion Ratio Lower Upper
117 100
119 97.4 77.3 115.9
121 27.1 23.3 34.9

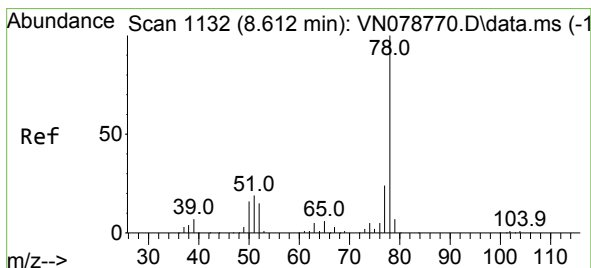
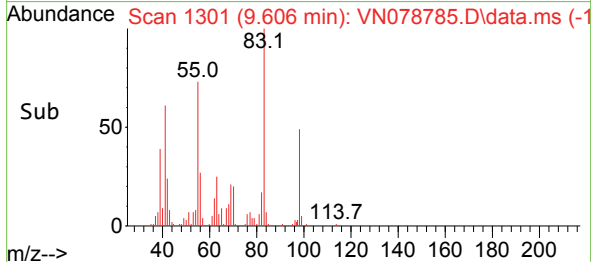
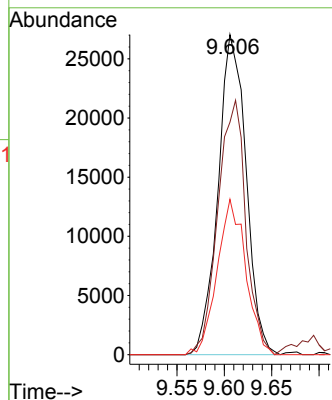
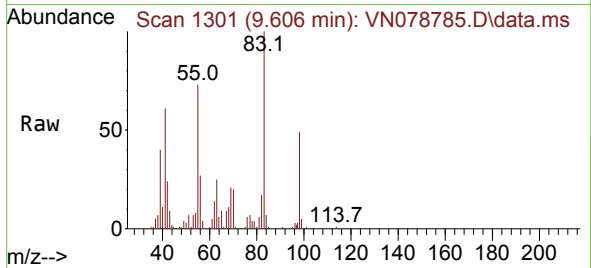




#39
Methylcyclohexane
Concen: 19.394 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

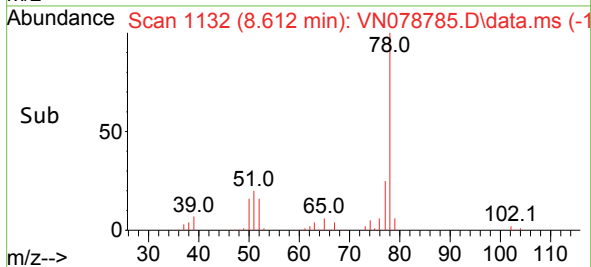
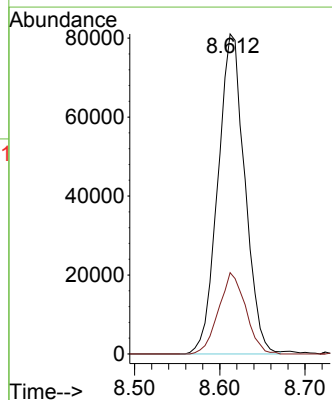
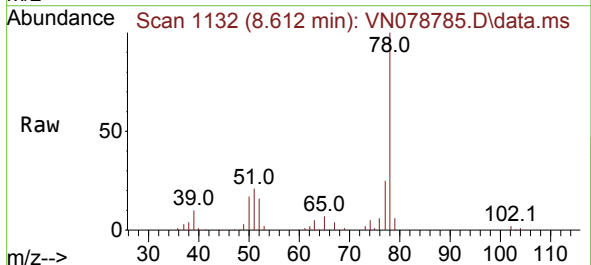
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

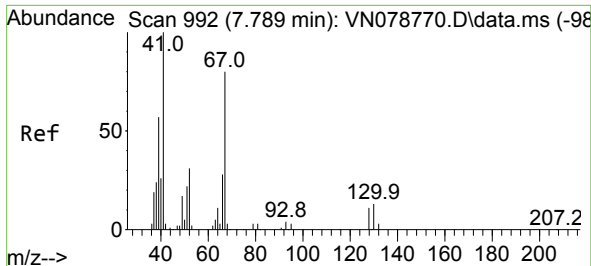
Tgt Ion: 83 Resp: 55730
Ion Ratio Lower Upper
83 100
55 72.6 49.1 73.7
98 48.5 40.6 61.0



#40
Benzene
Concen: 19.114 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 78 Resp: 177861
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6

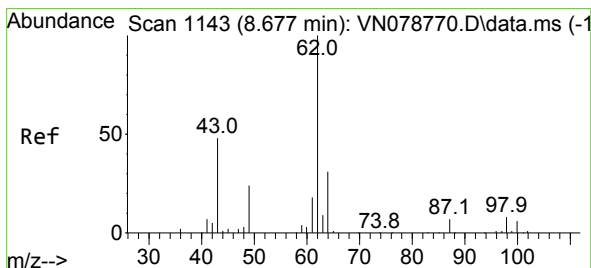
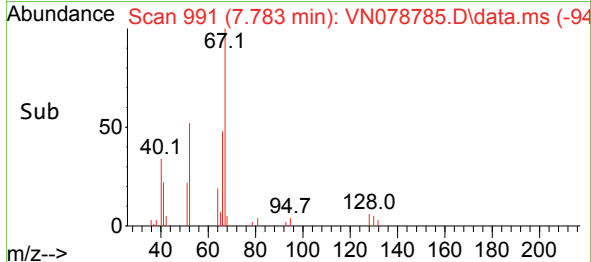
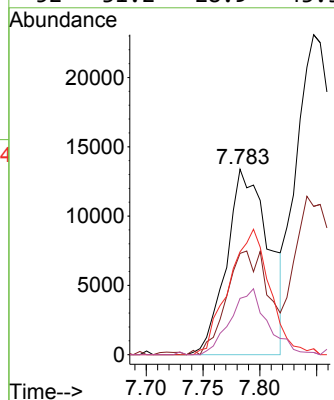
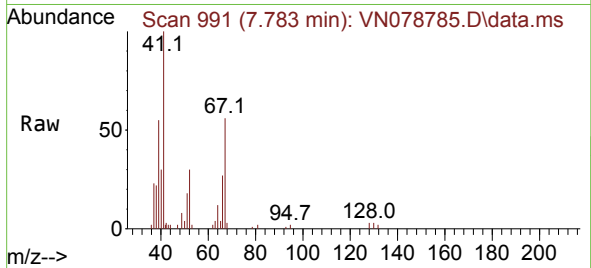




#41
Methacrylonitrile
Concen: 18.914 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

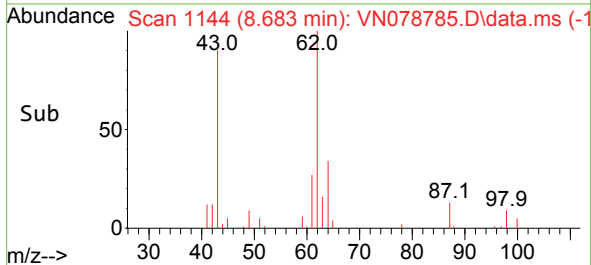
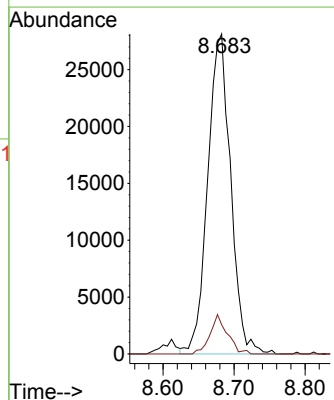
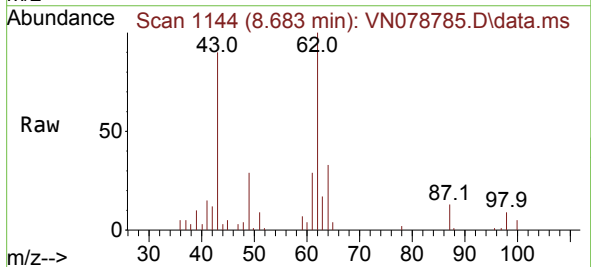
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

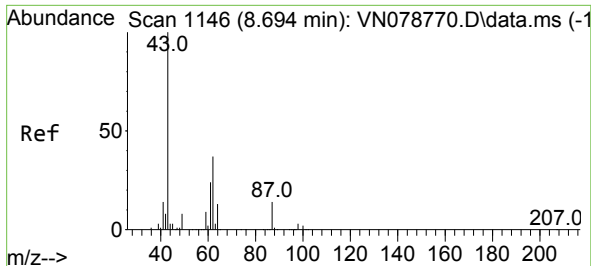
Tgt Ion:	41	Resp:	34398
Ion	Ratio	Lower	Upper
41	100		
39	56.1	42.6	64.0
67	66.2	77.5	116.3
52	31.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.896 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:	62	Resp:	63197
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

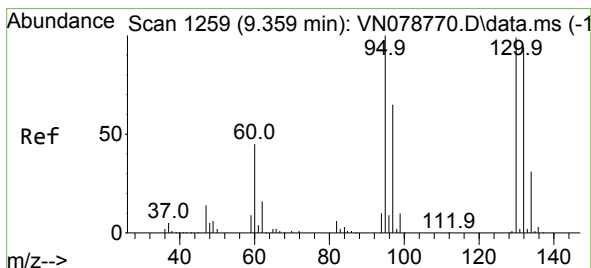
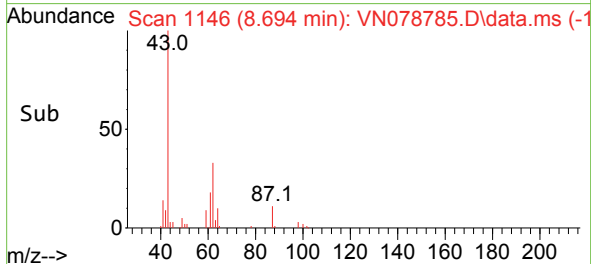
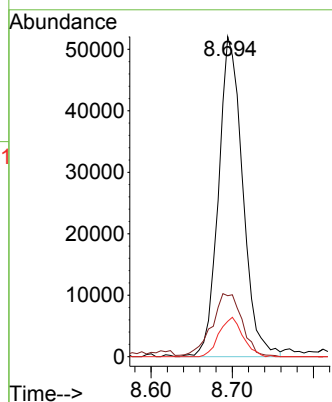
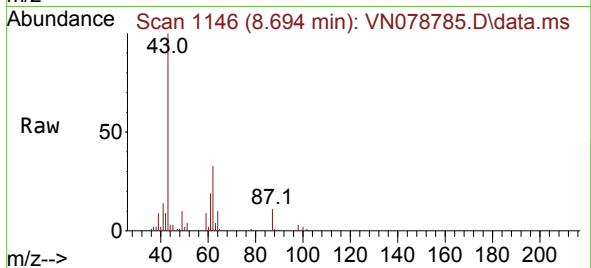




#43
Isopropyl Acetate
Concen: 19.570 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

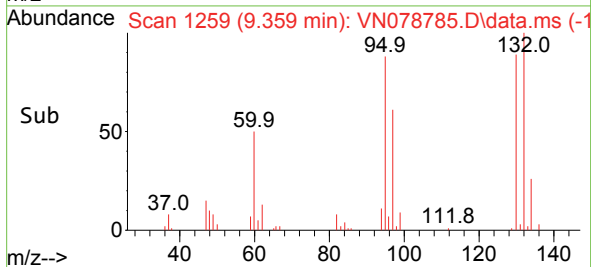
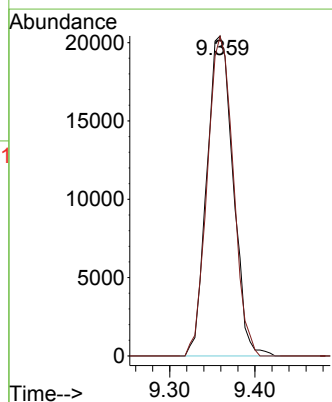
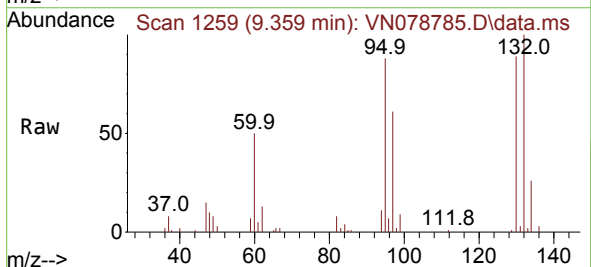
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

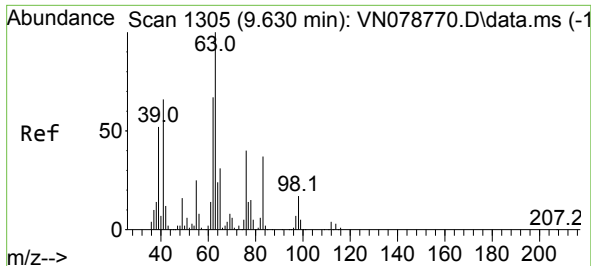
Tgt Ion: 43 Resp: 107926
Ion Ratio Lower Upper
43 100
61 24.7 24.7 37.1#
87 12.1 14.6 21.8#



#44
Trichloroethene
Concen: 19.261 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:130 Resp: 43893
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.792 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

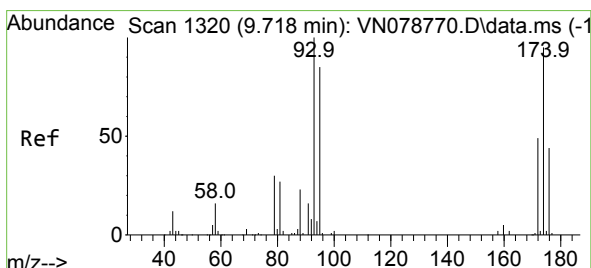
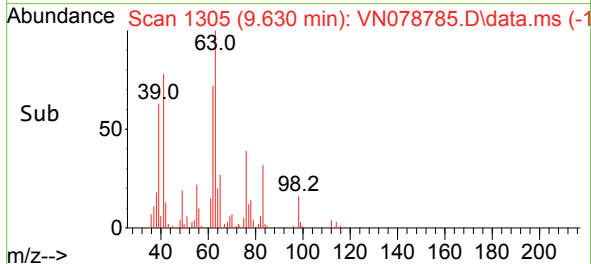
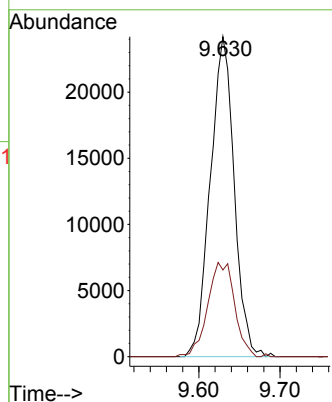
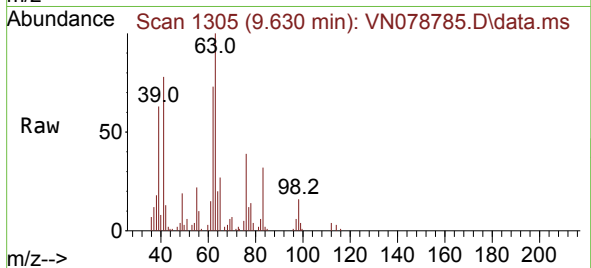
VSTDICC020

Tgt Ion: 63 Resp: 49370

Ion Ratio Lower Upper

63 100

65 27.1 23.9 35.9



#46

Dibromomethane

Concen: 19.436 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

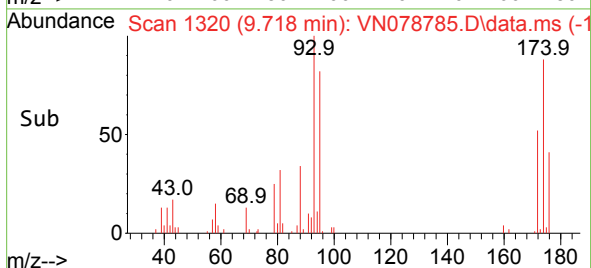
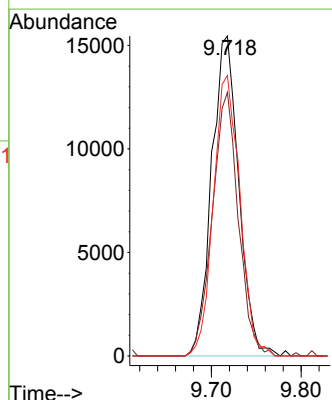
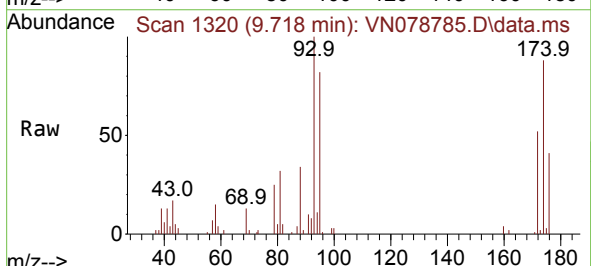
Tgt Ion: 93 Resp: 32268

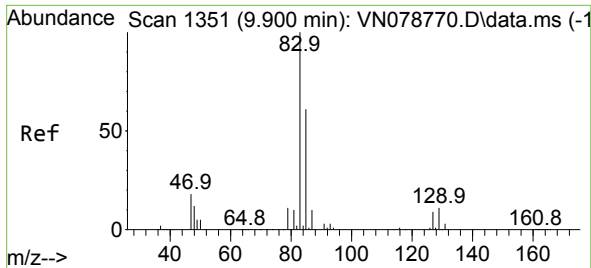
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

174 86.1 65.6 98.4

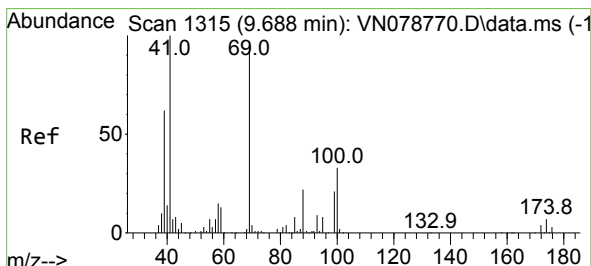
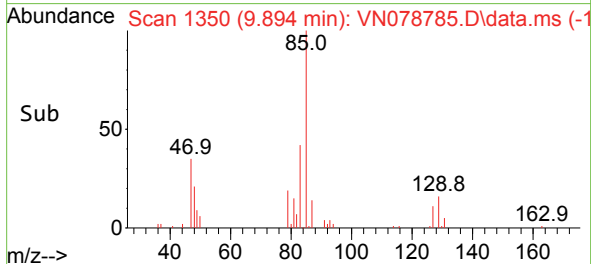
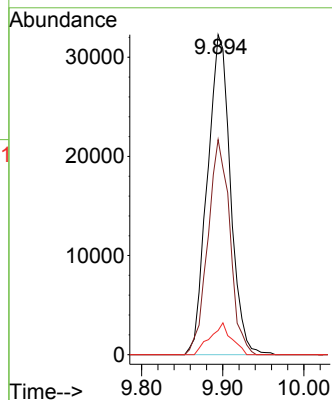
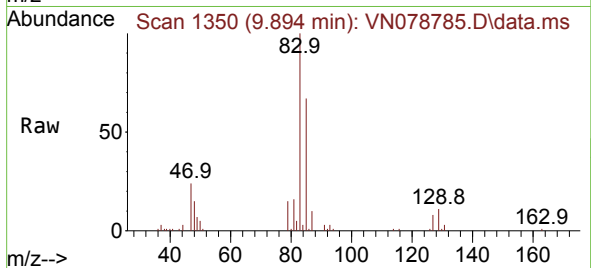




#47
Bromodichloromethane
Concen: 19.279 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

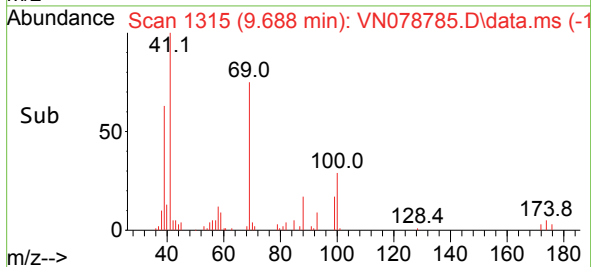
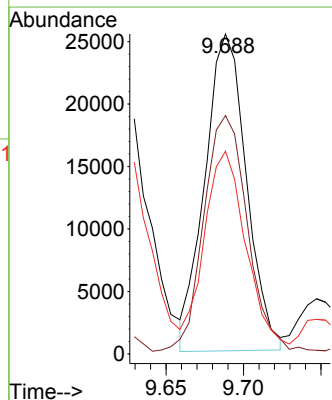
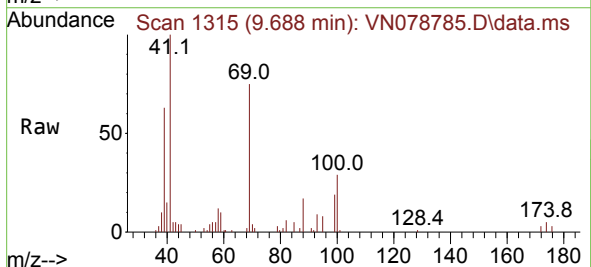
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

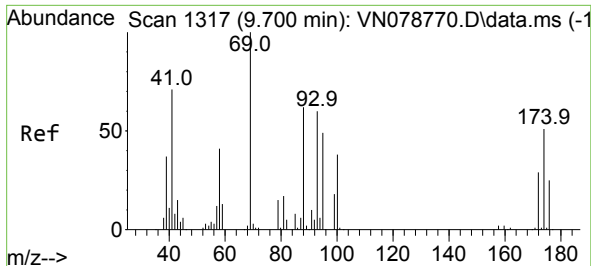
Tgt Ion: 83 Resp: 63706
Ion Ratio Lower Upper
83 100
85 67.2 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 18.546 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 41 Resp: 47258
Ion Ratio Lower Upper
41 100
69 79.7 90.4 135.6#
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 399.786 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

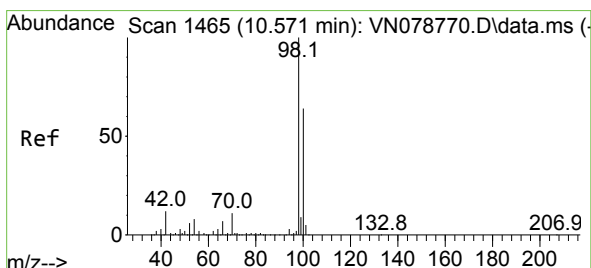
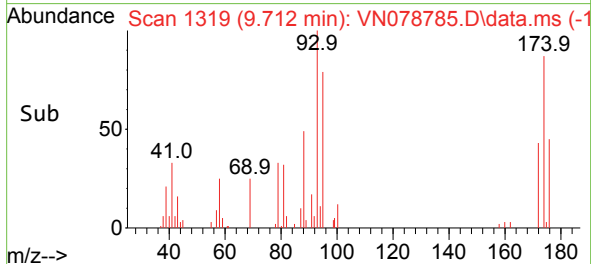
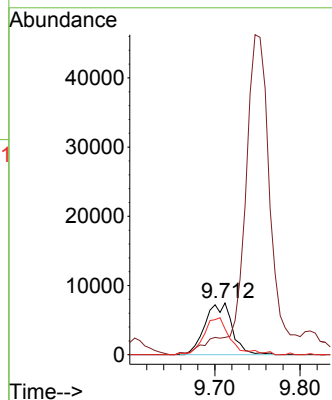
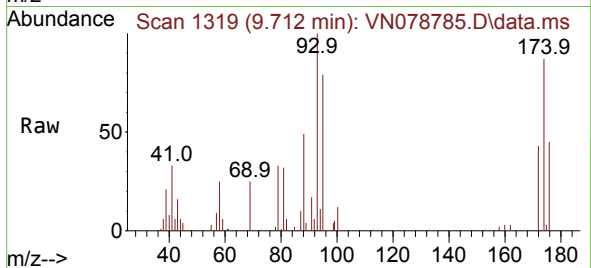
Tgt Ion: 88 Resp: 16542

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 69.4 47.0 70.4



#50

Toluene-d8

Concen: 21.051 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078785.D

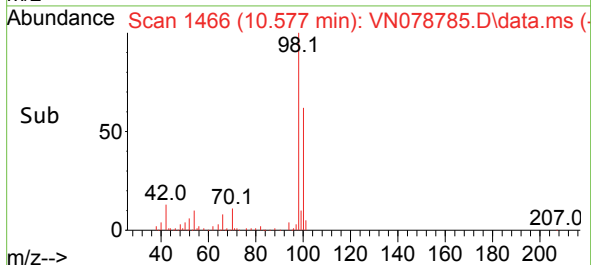
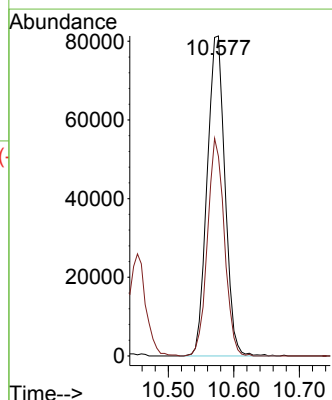
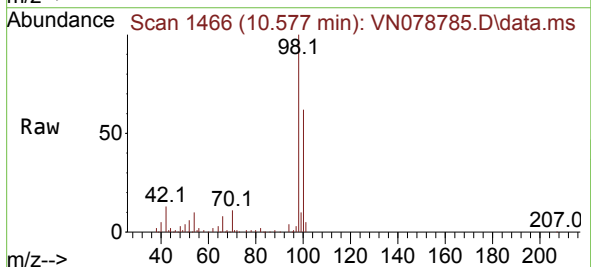
Acq: 07 Aug 2023 19:40

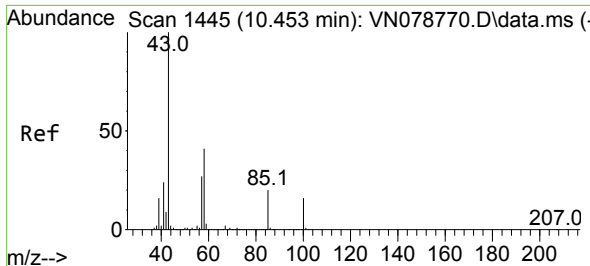
Tgt Ion: 98 Resp: 153619

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

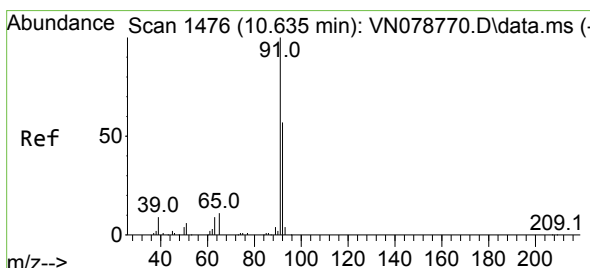
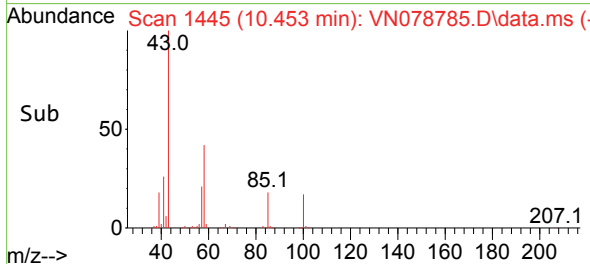
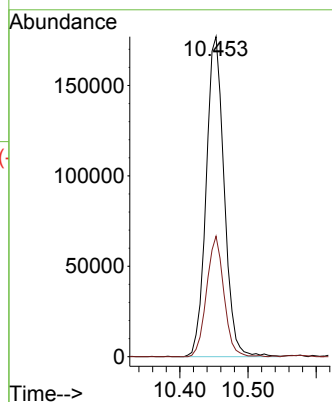
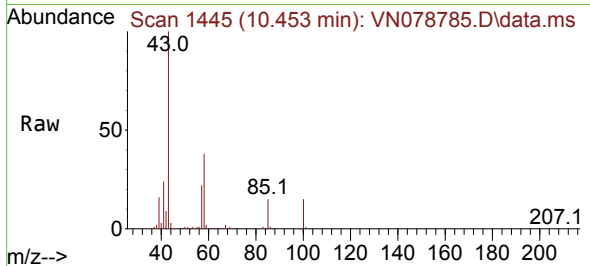




#51
4-Methyl-2-Pentanone
Concen: 96.301 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

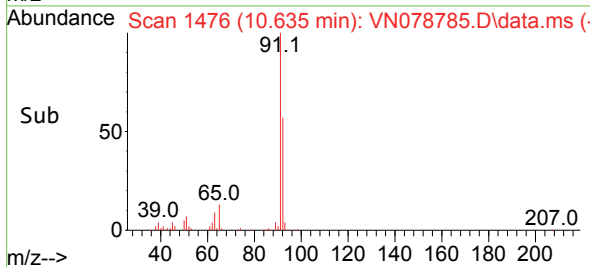
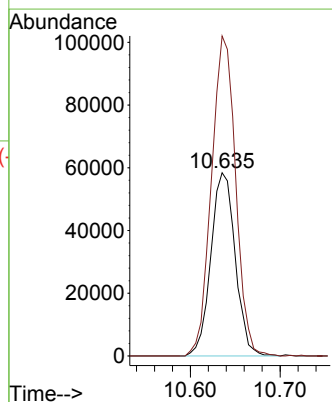
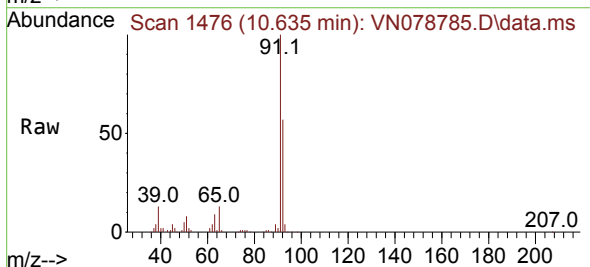
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

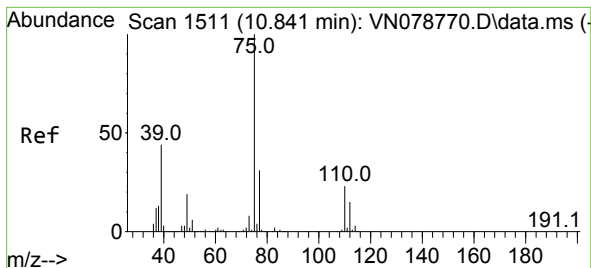
Tgt Ion: 43 Resp: 325294
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 19.394 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 92 Resp: 110213
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0

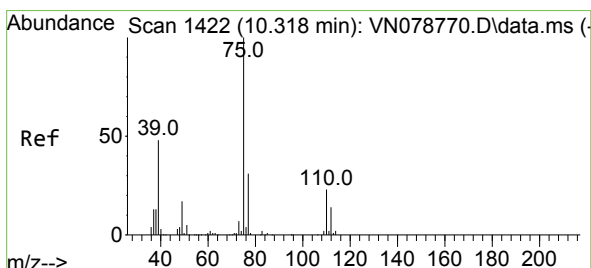
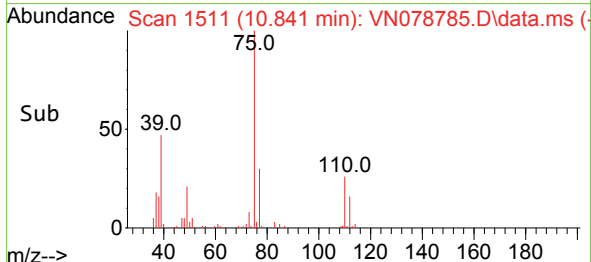
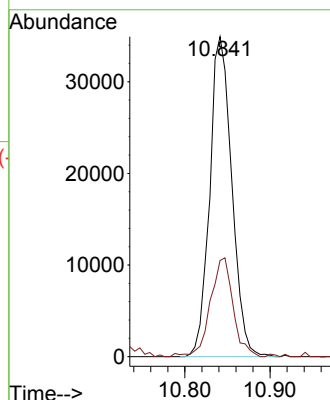
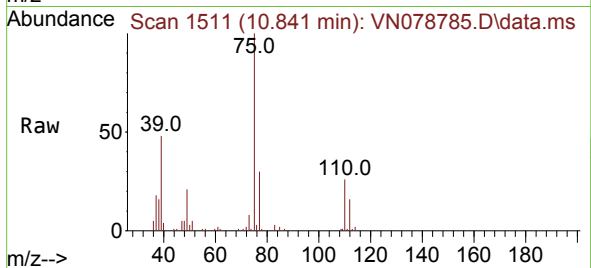




#53
t-1,3-Dichloropropene
Concen: 18.619 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

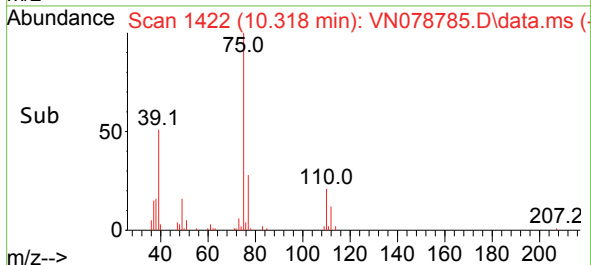
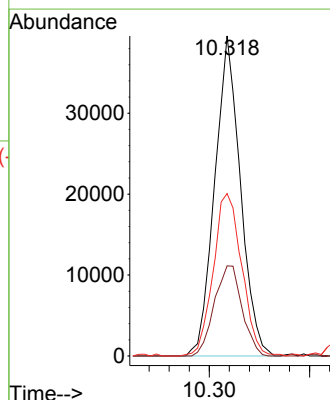
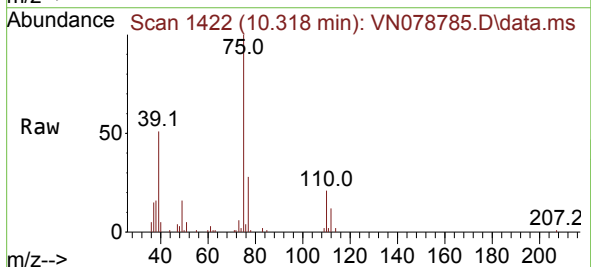
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

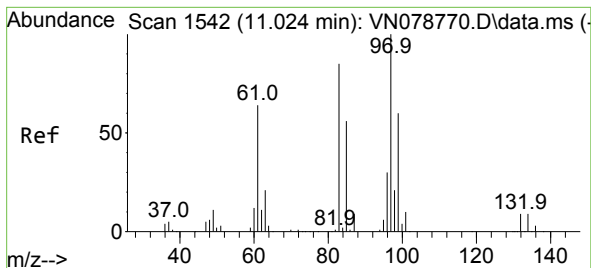
Tgt Ion: 75 Resp: 62863
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.131 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 75 Resp: 70178
Ion Ratio Lower Upper
75 100
77 28.1 26.1 39.1
39 50.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 18.989 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 42893

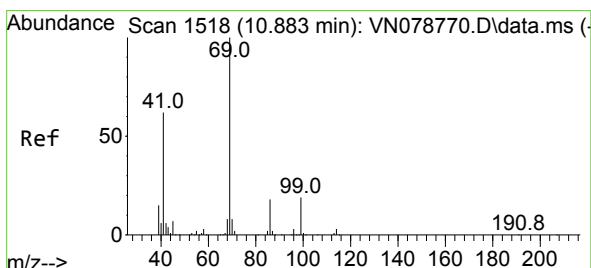
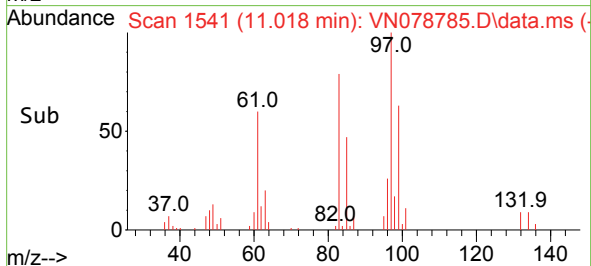
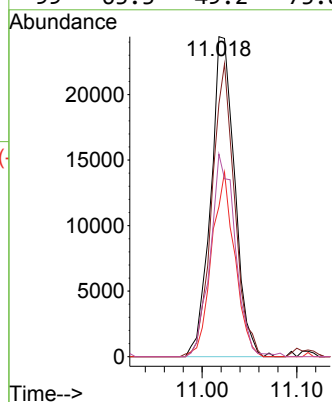
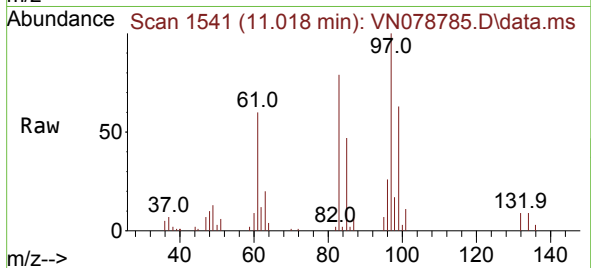
Ion Ratio Lower Upper

97 100

83 79.0 65.1 97.7

85 46.8 43.4 65.2

99 63.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.574 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

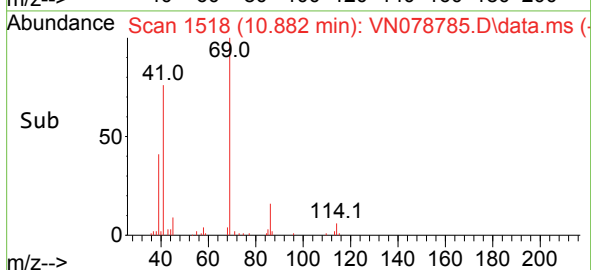
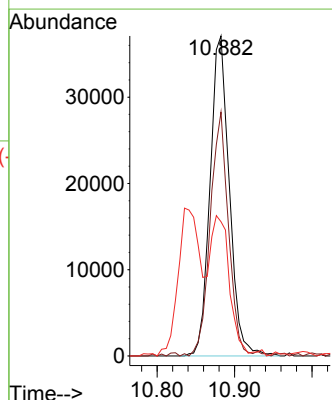
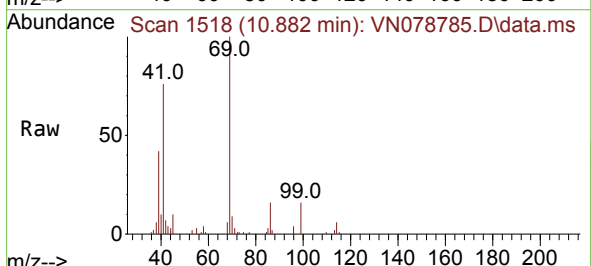
Tgt Ion: 69 Resp: 64117

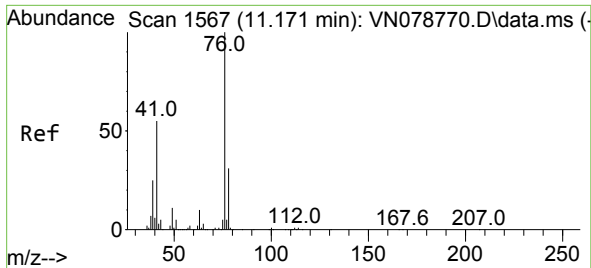
Ion Ratio Lower Upper

69 100

41 72.2 39.6 59.4#

39 44.5 28.6 43.0#

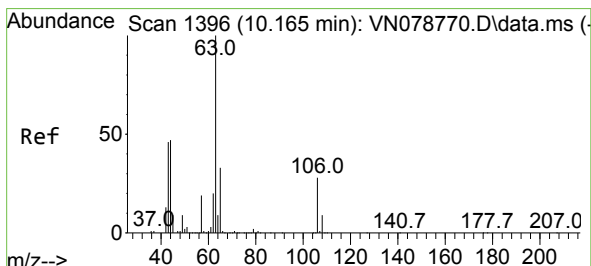
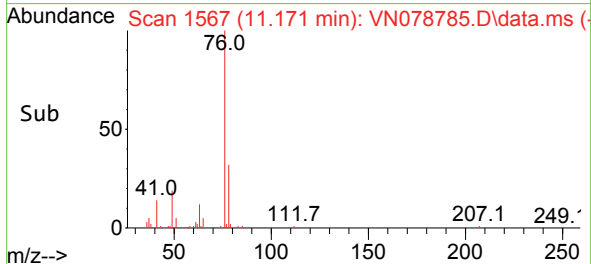
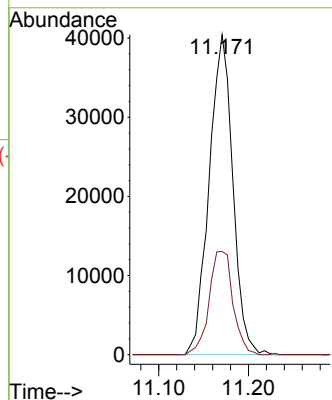
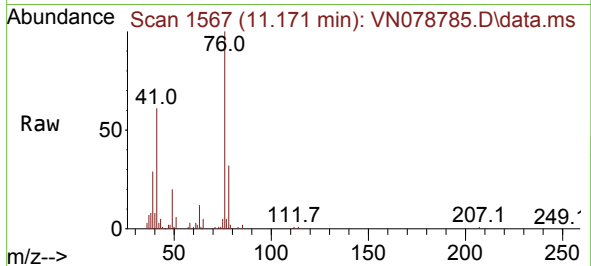




#57
1,3-Dichloropropane
Concen: 18.823 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

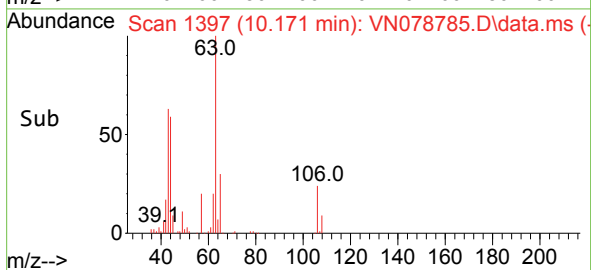
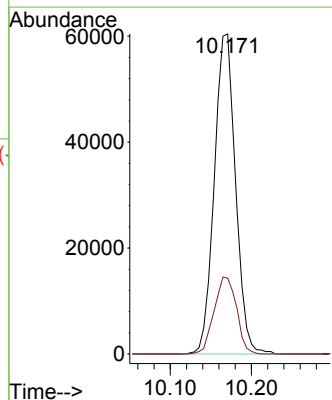
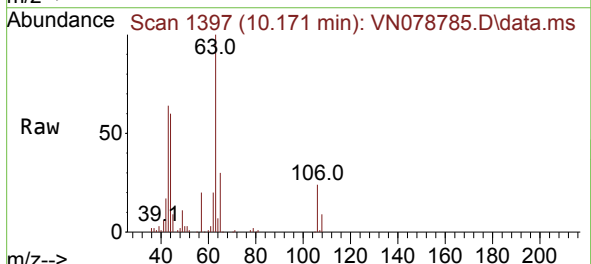
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

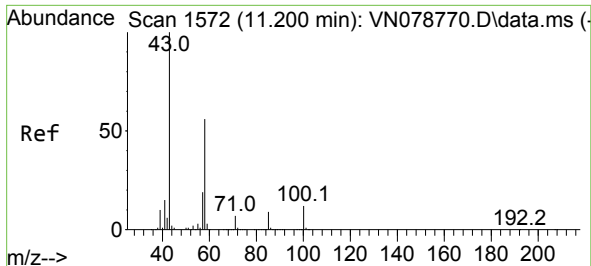
Tgt Ion: 76 Resp: 73923
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 93.488 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 63 Resp: 109939
Ion Ratio Lower Upper
63 100
106 25.3 26.2 39.4#

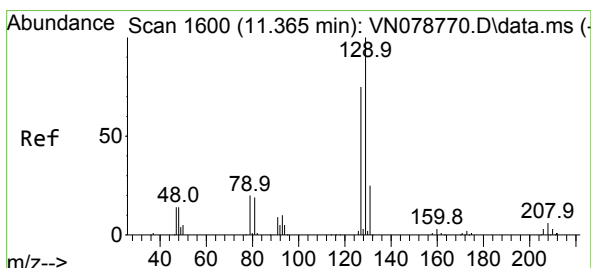
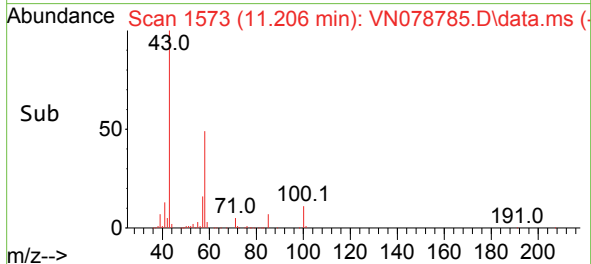
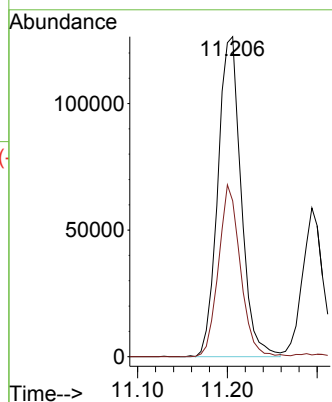
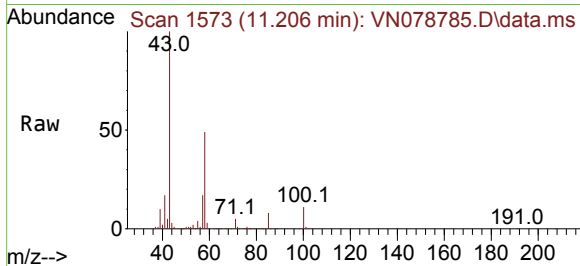




#59
2-Hexanone
Concen: 95.041 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

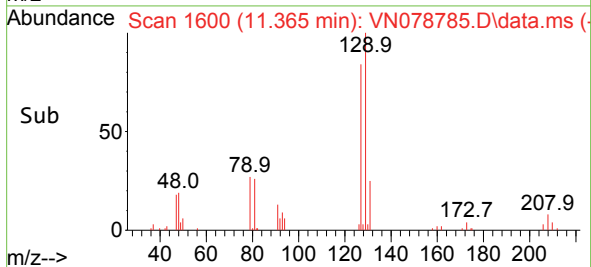
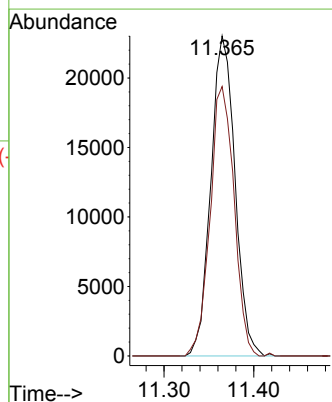
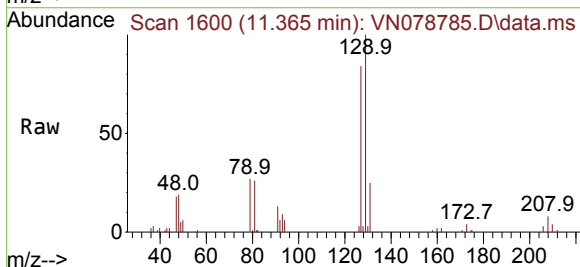
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

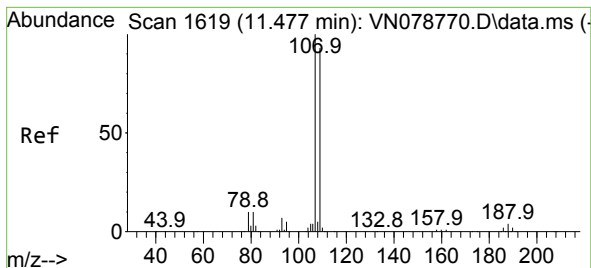
Tgt Ion: 43 Resp: 227322
Ion Ratio Lower Upper
43 100
58 50.6 31.7 95.1



#60
Dibromochloromethane
Concen: 18.172 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 129 Resp: 43082
Ion Ratio Lower Upper
129 100
127 83.3 38.6 116.0

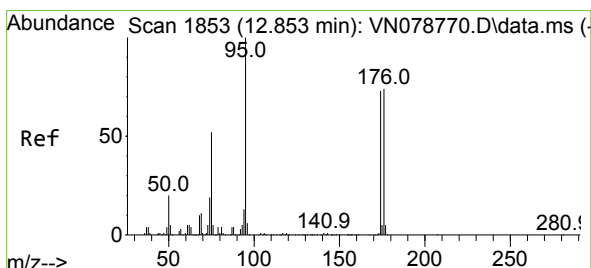
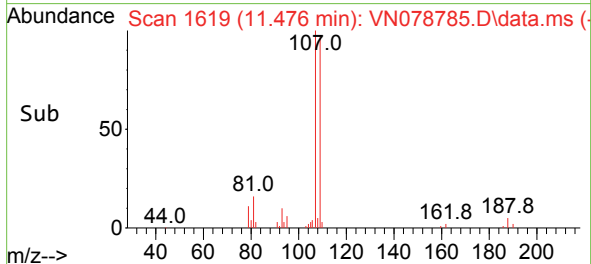
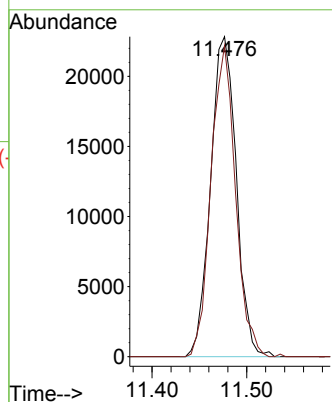
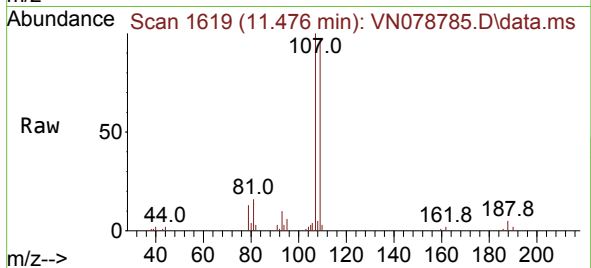




#61
1,2-Dibromoethane
Concen: 19.258 ug/l
RT: 11.476 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

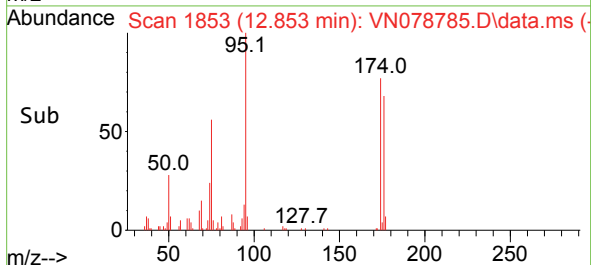
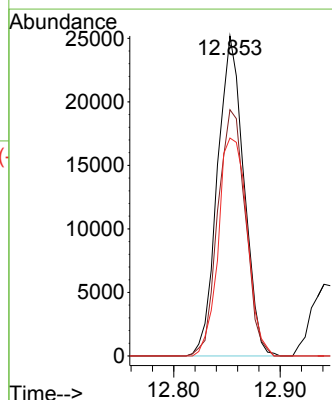
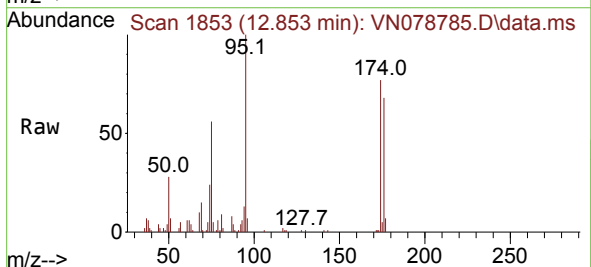
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

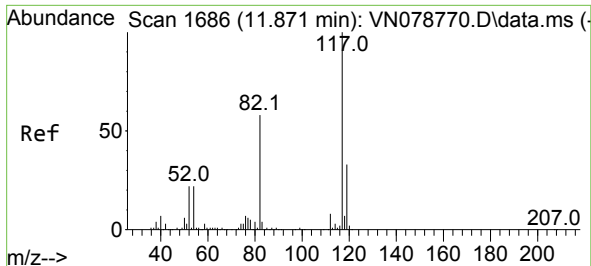
Tgt Ion:107 Resp: 43087
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 19.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 95 Resp: 43377
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 74.2 0.0 135.8

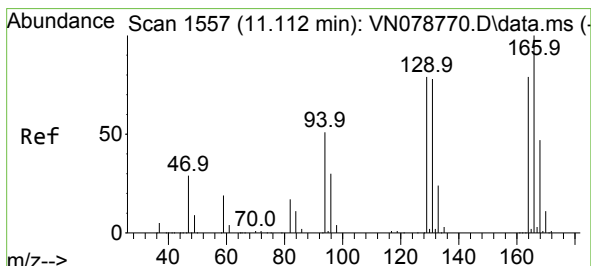
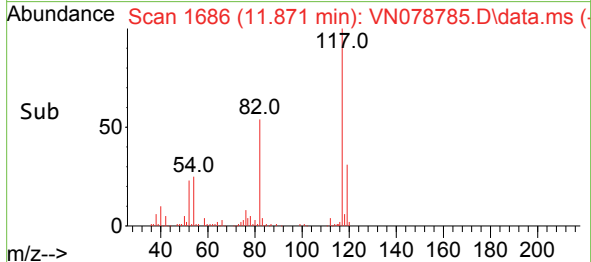
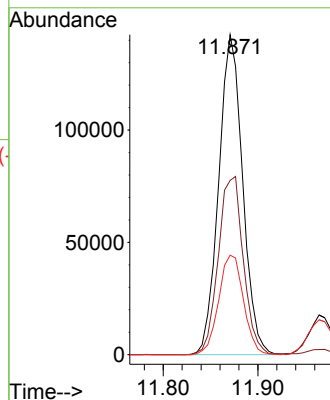
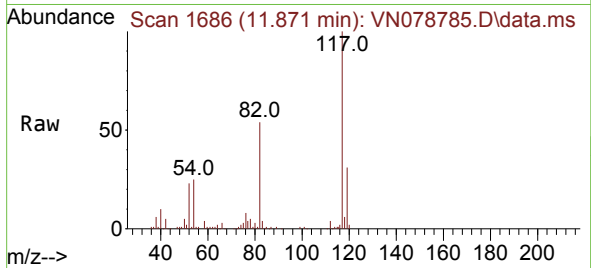




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

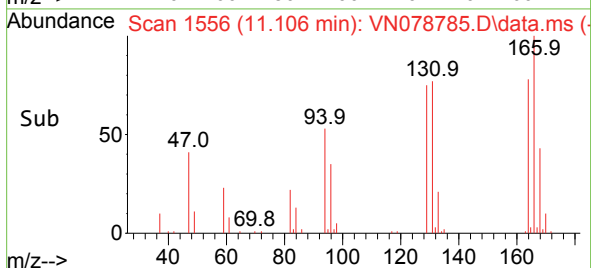
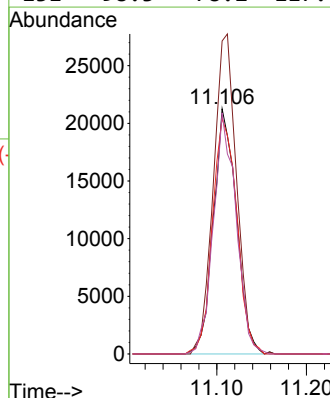
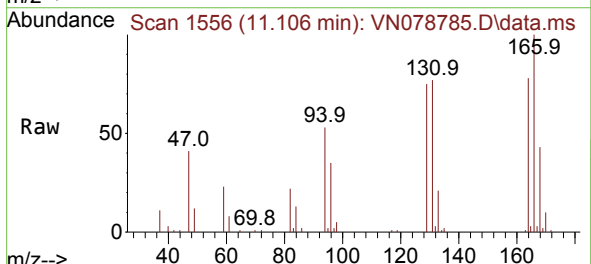
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

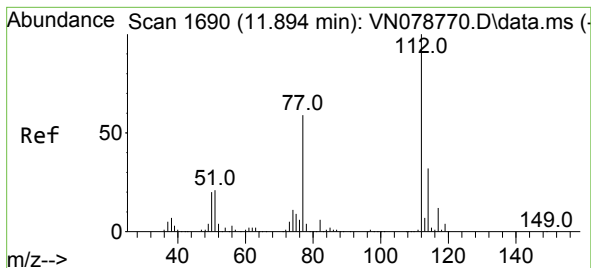
Tgt Ion:117 Resp: 250521
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 19.738 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:164 Resp: 38100
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 96.1 82.4 123.6
131 98.3 78.2 117.4

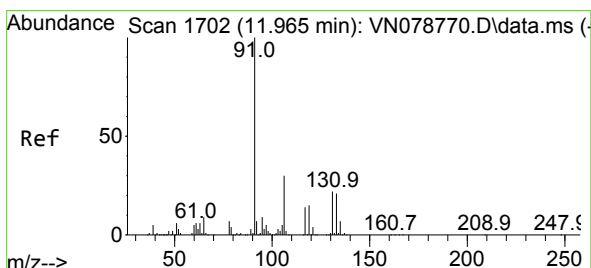
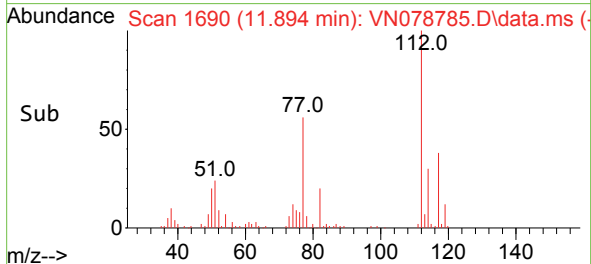
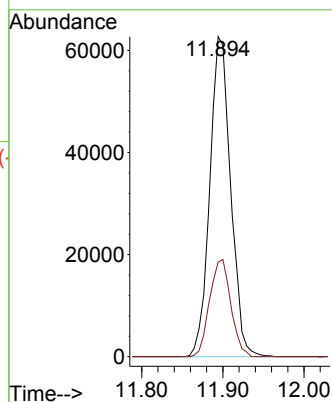
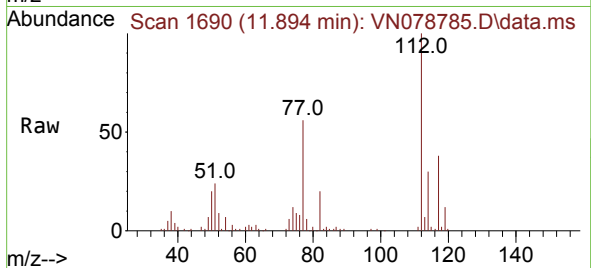




#65
Chlorobenzene
Concen: 19.627 ug/l
RT: 11.894 min Scan# 111978
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

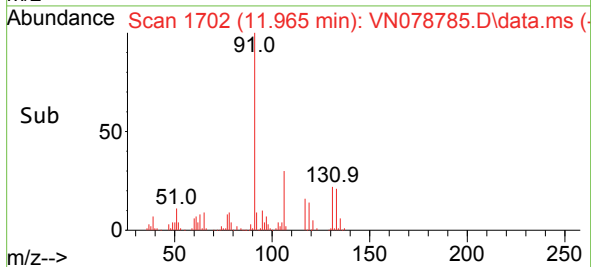
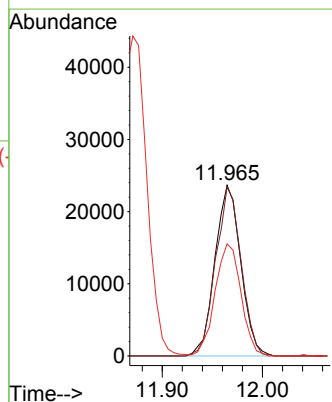
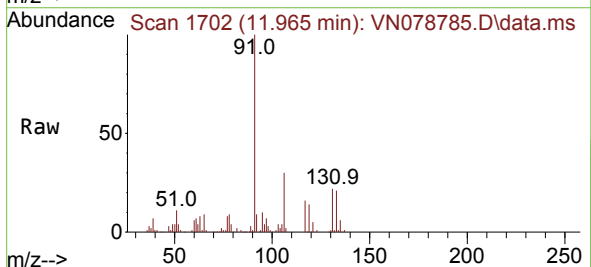
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

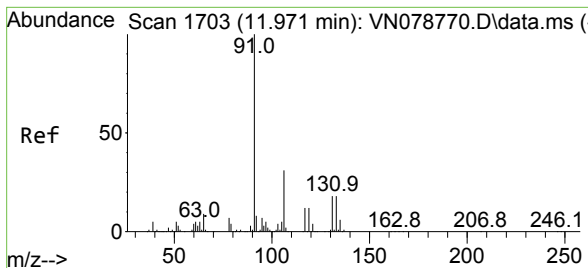
Tgt Ion:112 Resp: 111978
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.138 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:131 Resp: 42290
Ion Ratio Lower Upper
131 100
133 97.9 46.4 139.1
119 65.9 34.1 102.2

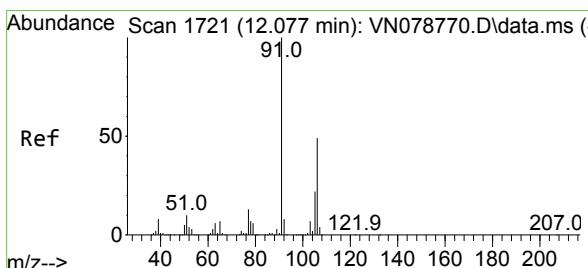
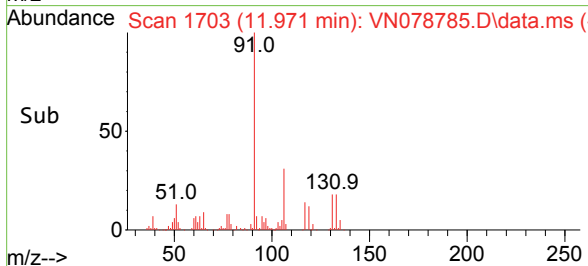
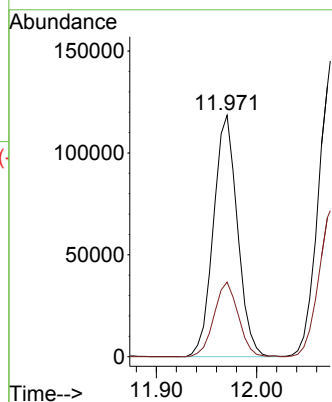
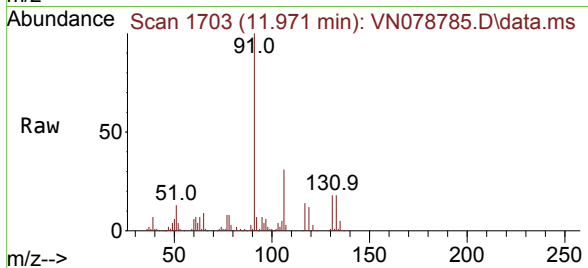




#67
Ethyl Benzene
Concen: 19.385 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

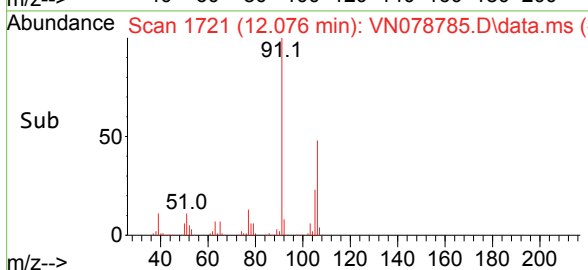
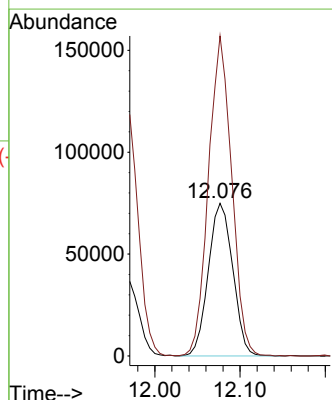
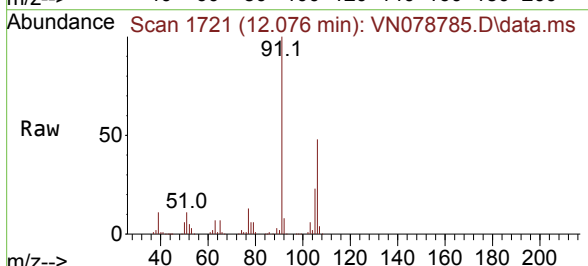
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

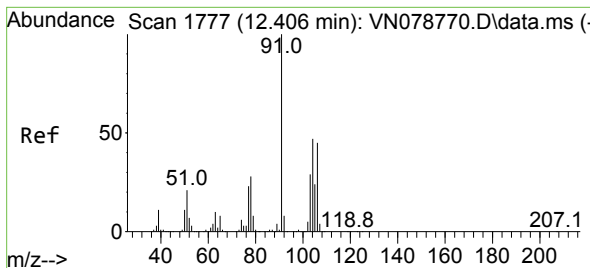
Tgt Ion: 91 Resp: 196994
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 39.825 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 106 Resp: 149309
Ion Ratio Lower Upper
106 100
91 199.4 159.6 239.4

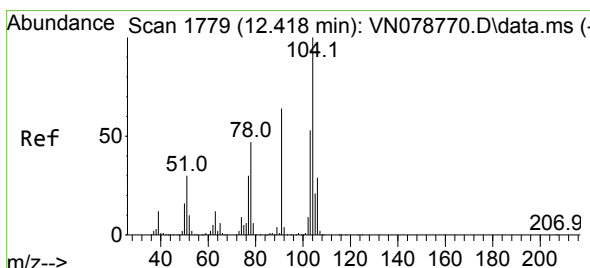
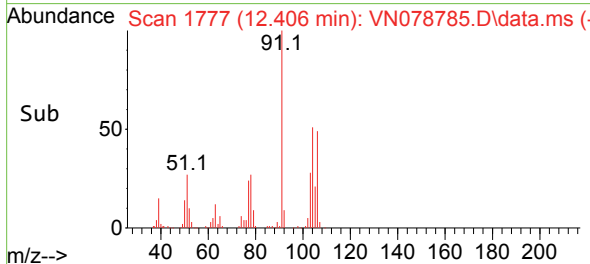
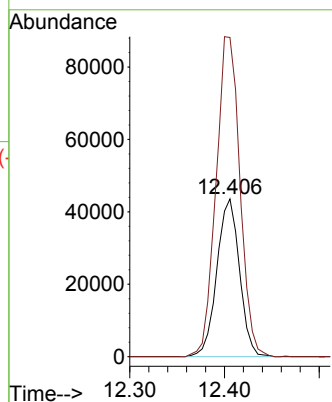
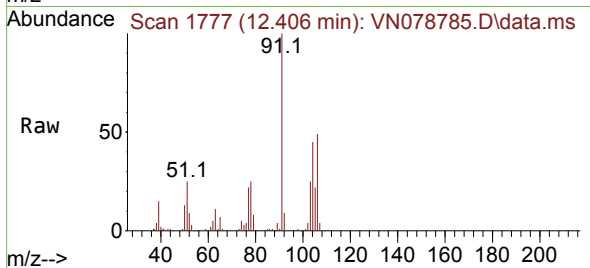




#69
o-Xylene
Concen: 19.657 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

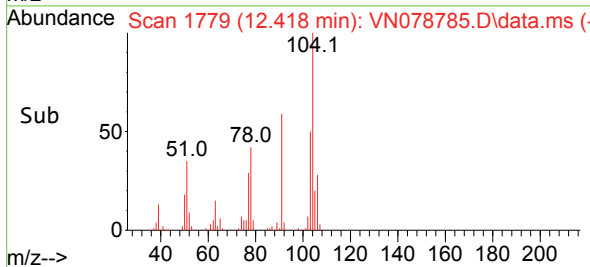
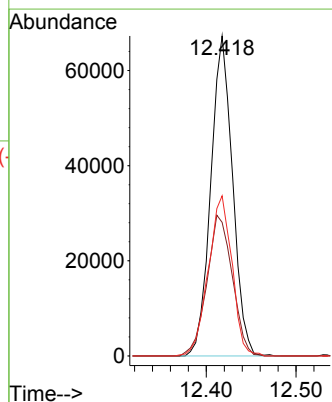
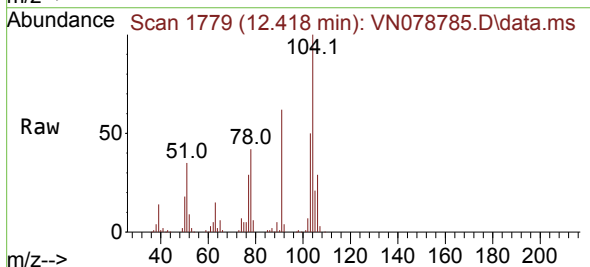
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

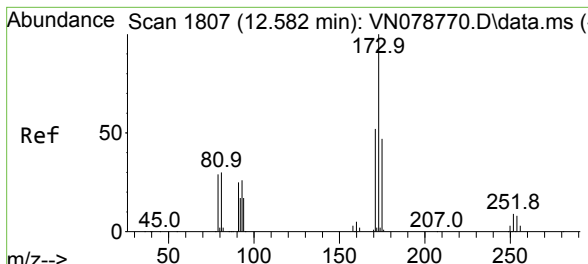
Tgt Ion:106 Resp: 72344
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5



#70
Styrene
Concen: 19.643 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:104 Resp: 113455
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 54.3 43.2 64.8

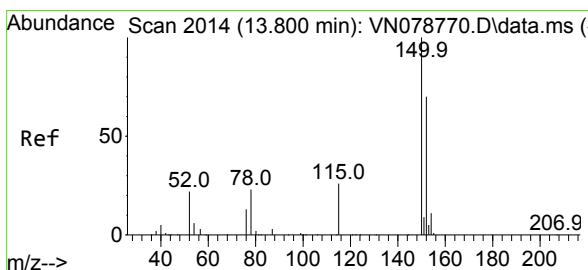
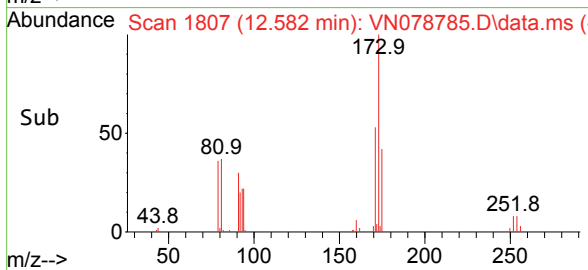
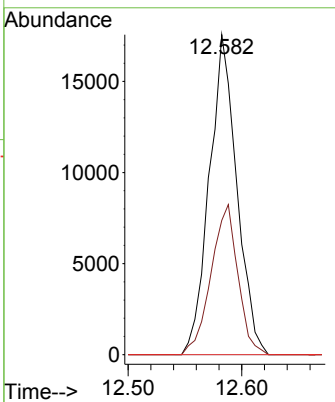
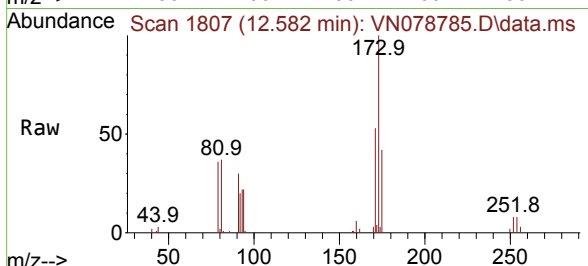




#71
 Bromoform
 Concen: 19.179 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

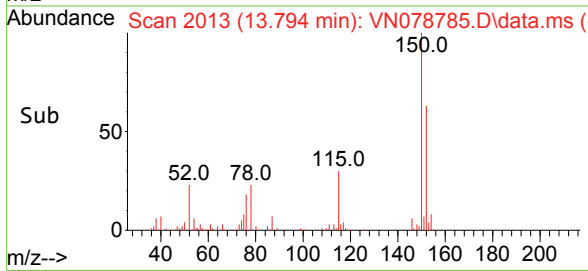
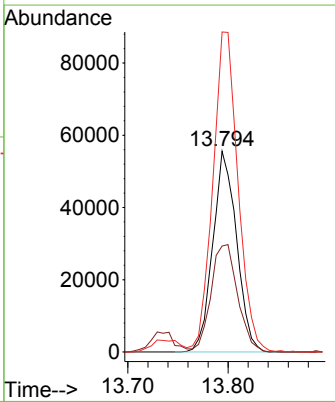
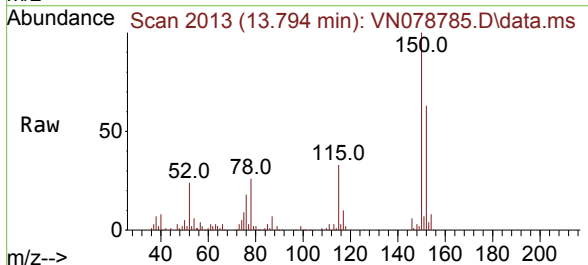
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

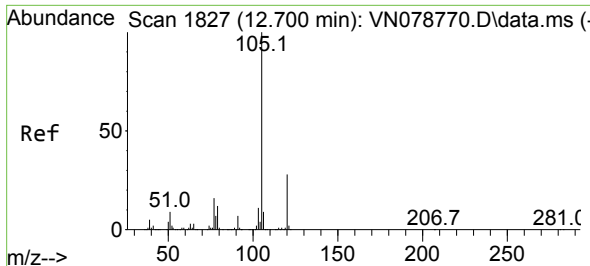
Tgt Ion:	173	Resp:	29559
Ion Ratio	Lower	Upper	
173	100		
175	45.8	24.3	73.0
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion:	152	Resp:	91206
Ion Ratio	Lower	Upper	
152	100		
115	60.3	32.3	96.8
150	169.3	0.0	355.8

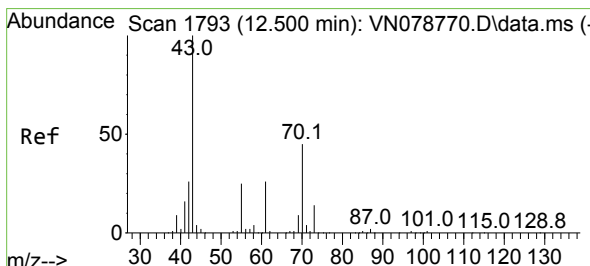
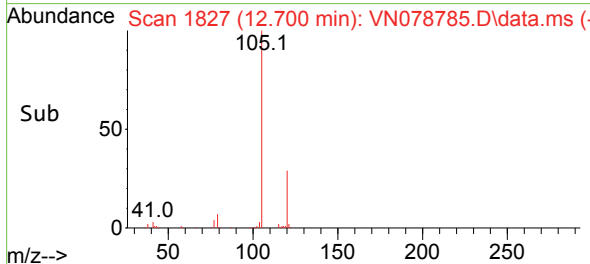
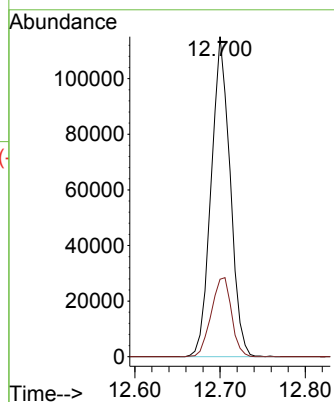
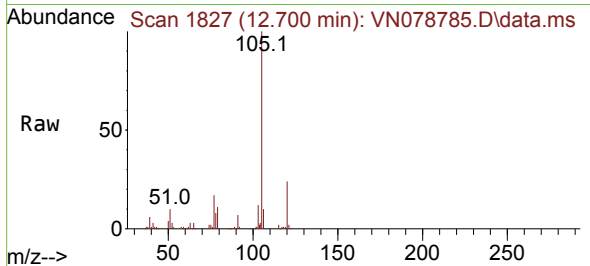




#73
Isopropylbenzene
Concen: 19.768 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

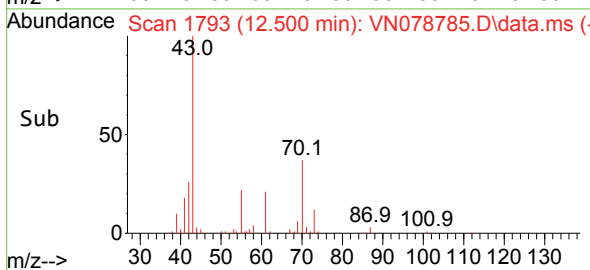
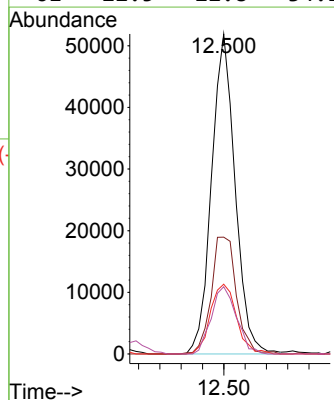
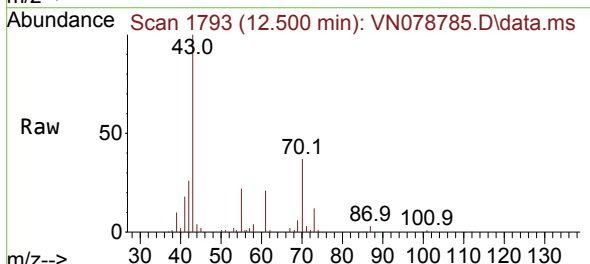
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

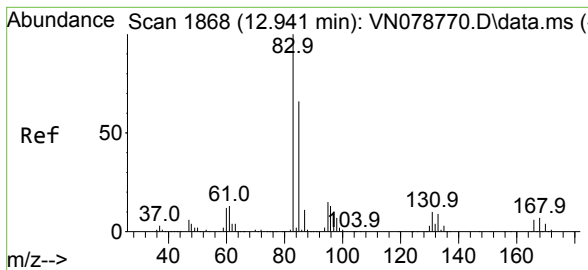
Tgt Ion:105 Resp: 177449
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 19.556 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 43 Resp: 79631
Ion Ratio Lower Upper
43 100
70 39.3 43.4 65.2#
55 24.2 21.4 32.0
61 22.5 22.8 34.2#

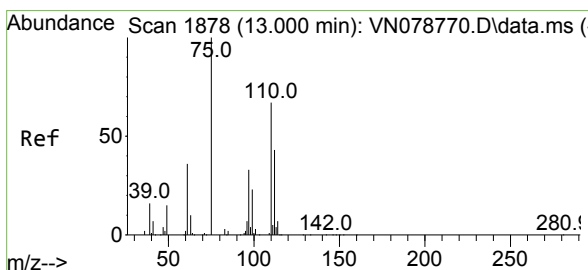
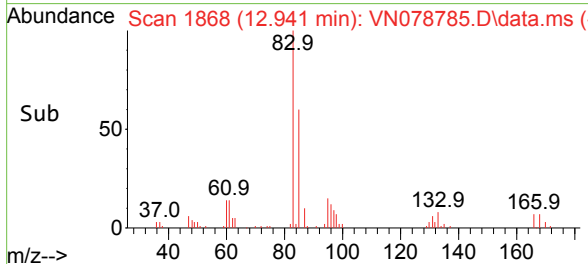
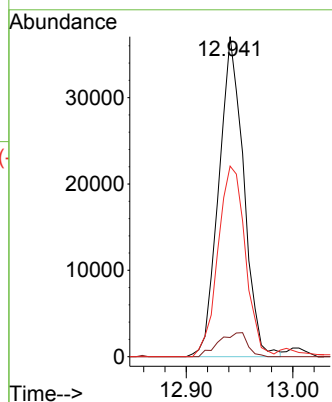
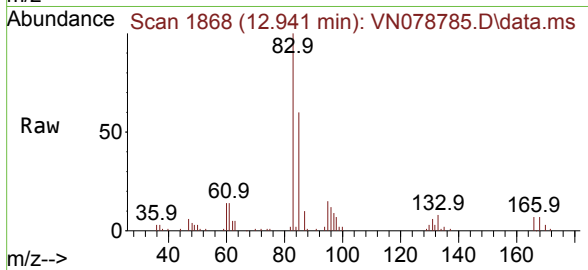




#75
1,1,2,2-Tetrachloroethane
Concen: 19.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

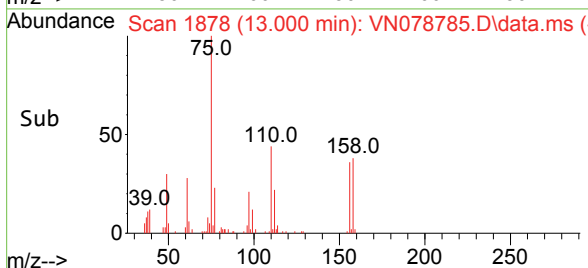
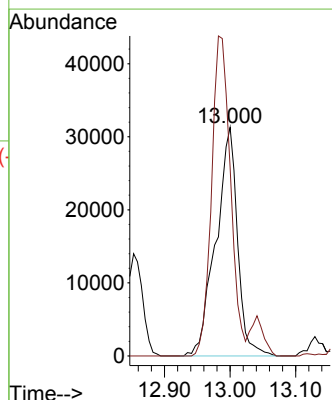
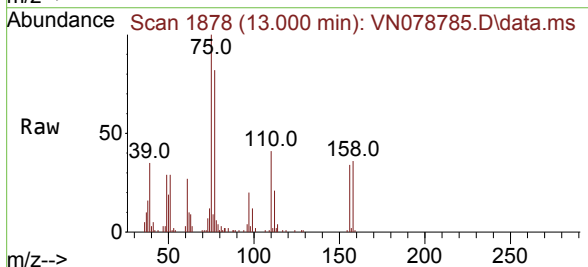
Instrument : MSVOA_N
ClientSampleId : VSTDIC020

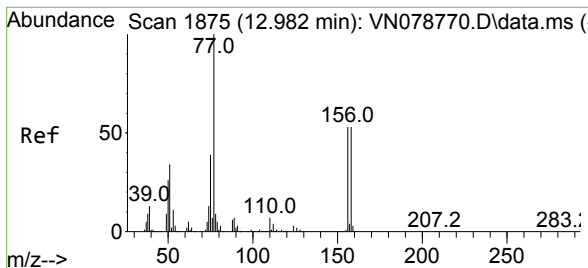
Tgt Ion: 83 Resp: 60058
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 65.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.988 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 75 Resp: 71482
Ion Ratio Lower Upper
75 100
77 122.3 84.5 253.5





#77

Bromobenzene

Concen: 19.024 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

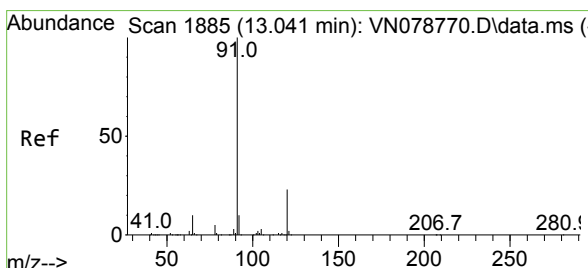
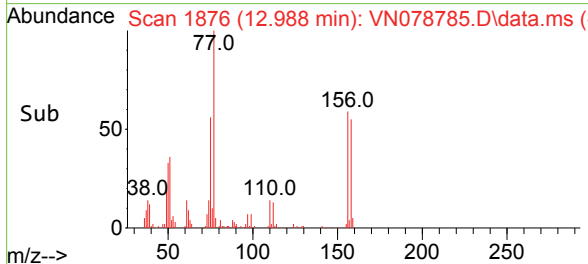
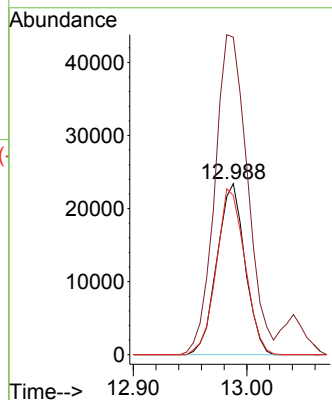
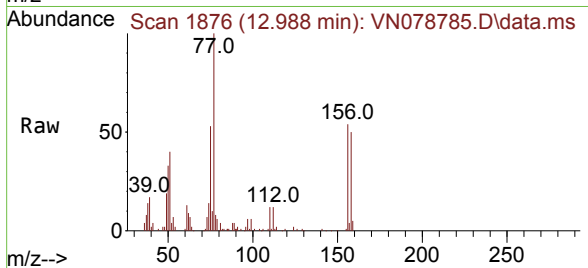
Tgt Ion:156 Resp: 40069

Ion Ratio Lower Upper

156 100

77 218.2 107.7 323.3

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.460 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078785.D

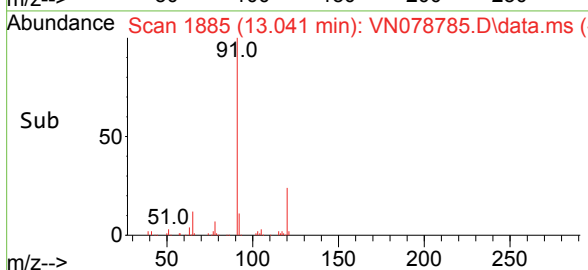
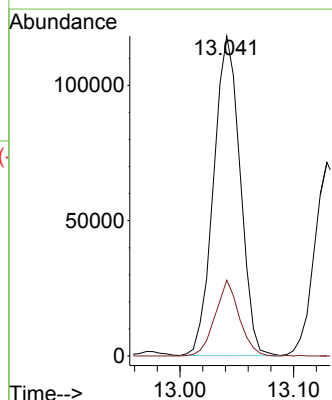
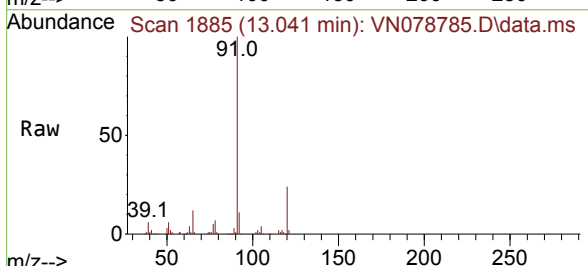
Acq: 07 Aug 2023 19:40

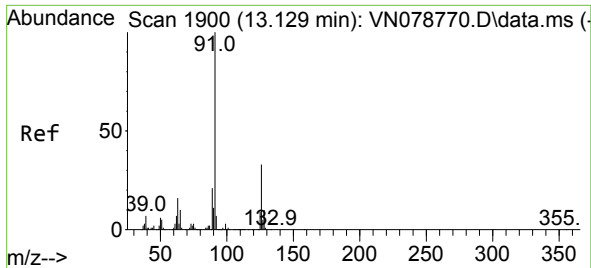
Tgt Ion: 91 Resp: 191997

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

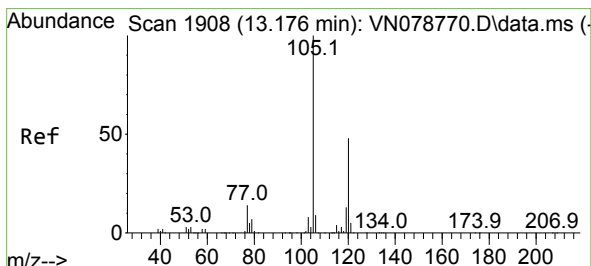
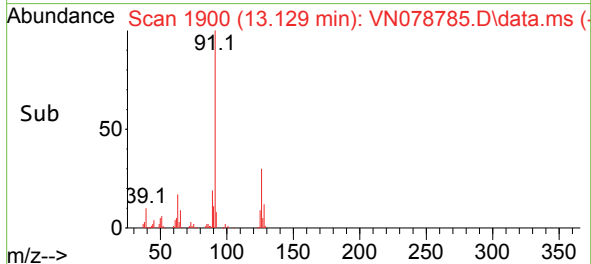
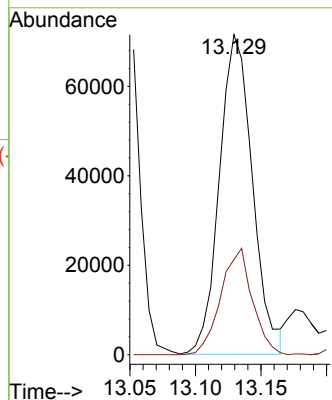
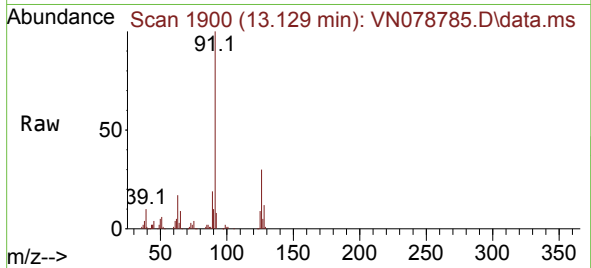




#79
2-Chlorotoluene
Concen: 19.780 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

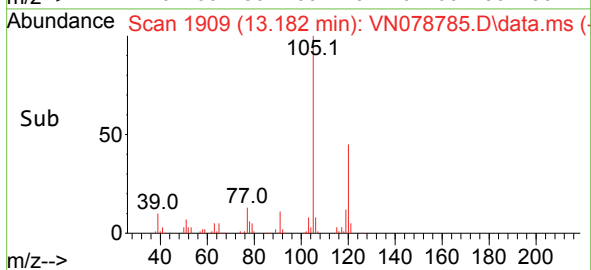
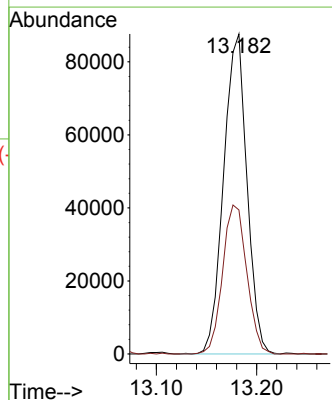
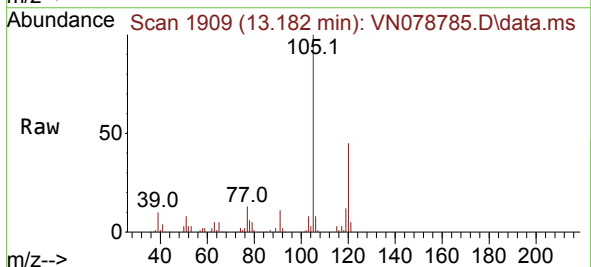
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

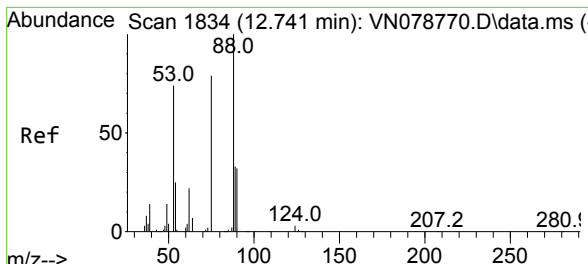
Tgt Ion: 91 Resp: 125379
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.632 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 105 Resp: 141173
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

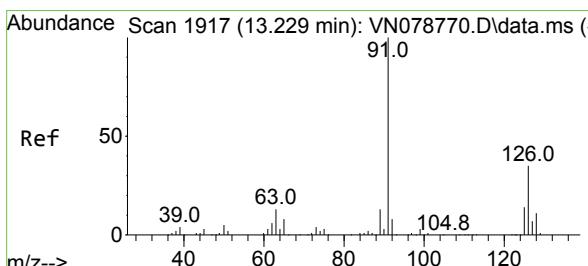
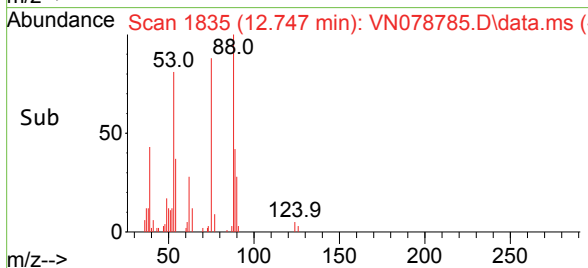
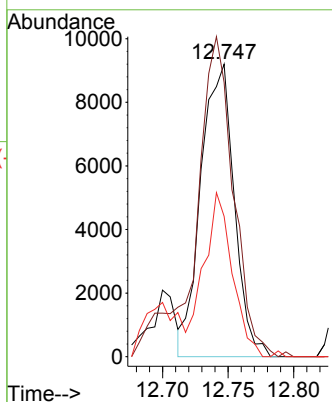
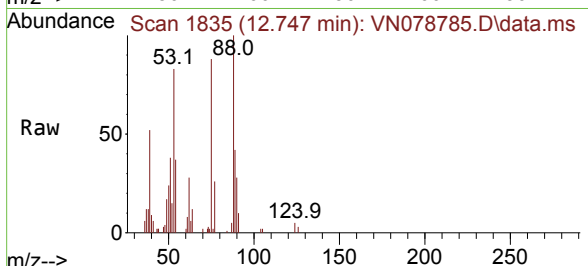




#81
trans-1,4-Dichloro-2-butene
Concen: 17.666 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

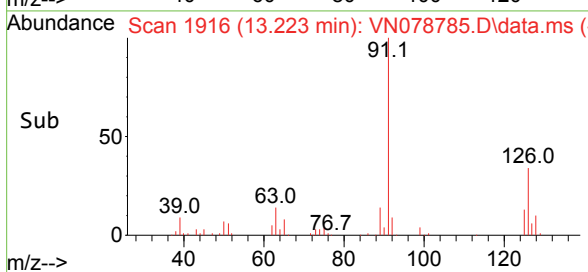
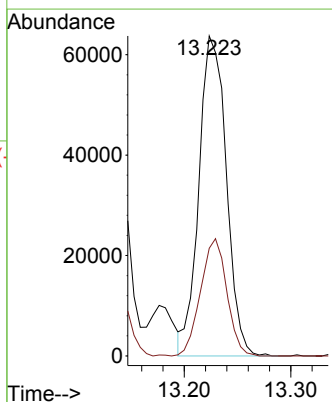
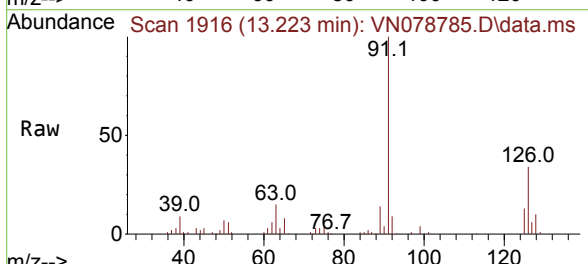
Instrument : MSVOA_N
ClientSampleId : VSTDIC020

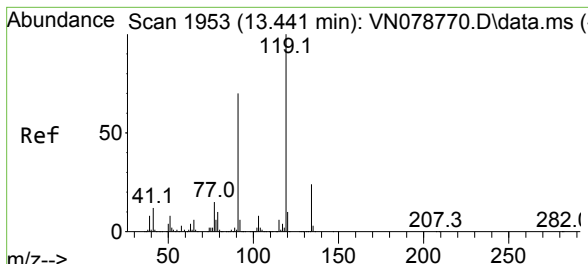
Tgt Ion:	75	Resp:	16234
Ion	Ratio	Lower	Upper
75	100		
53	124.7	67.4	101.2#
89	48.1	38.8	58.2



#82
4-Chlorotoluene
Concen: 19.646 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:	91	Resp:	113922
Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.7	50.0

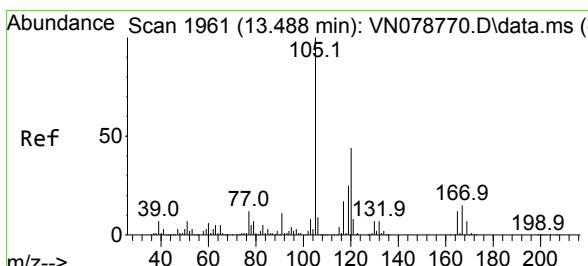
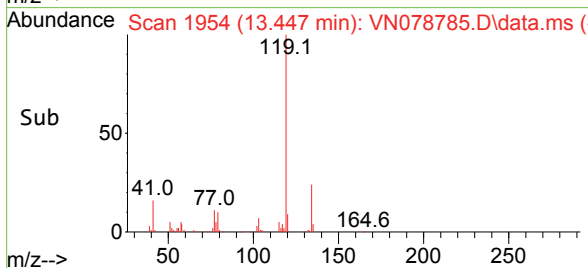
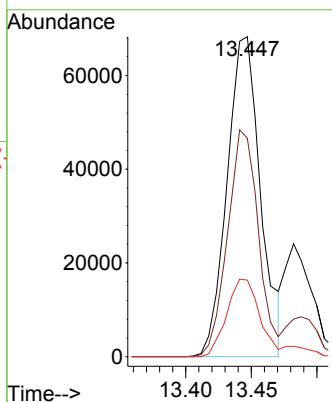
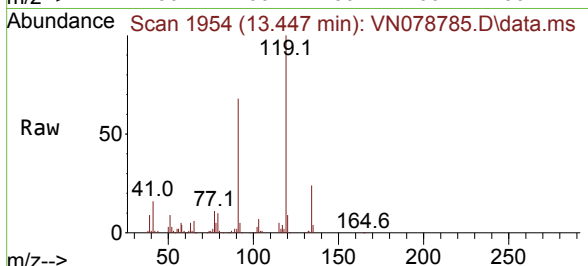




#83
 tert-Butylbenzene
 Concen: 20.204 ug/l
 RT: 13.447 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

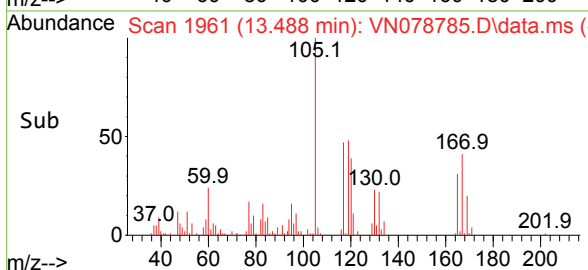
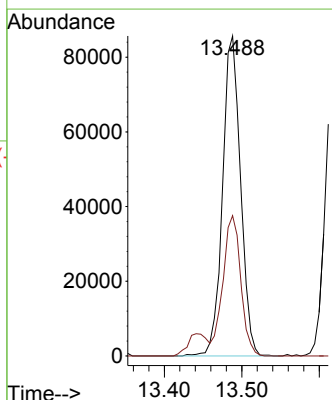
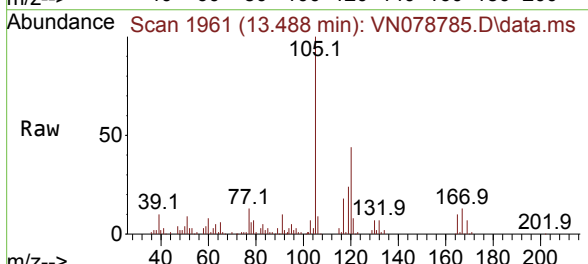
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

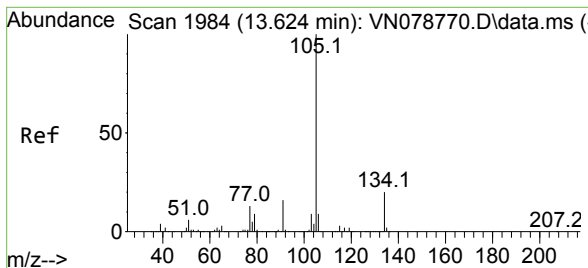
Tgt Ion:	119	Resp:	121006
Ion	Ratio	Lower	Upper
119	100		
91	65.6	33.9	101.7
134	26.4	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.044 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion:	105	Resp:	138524
Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.0	66.0





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

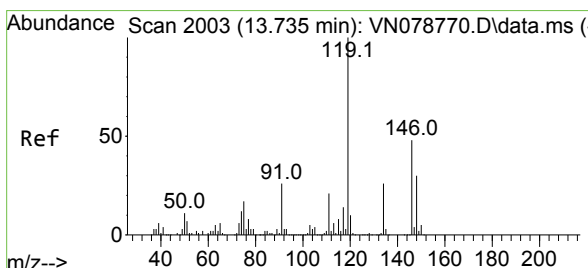
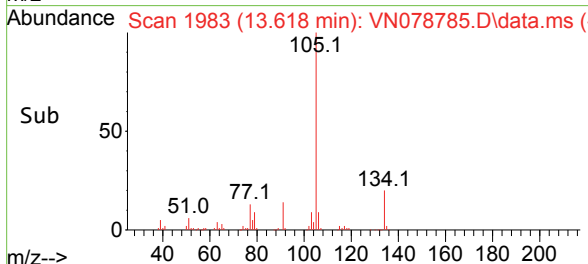
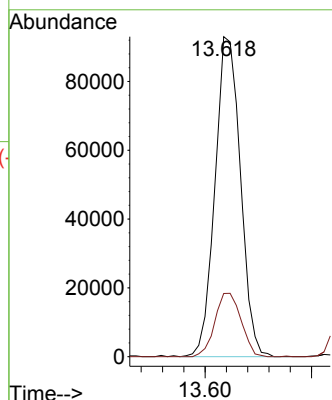
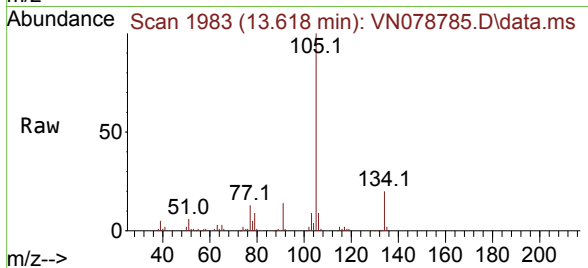
VSTDICC020

Tgt Ion:105 Resp: 153986

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.751 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078785.D

Acq: 07 Aug 2023 19:40

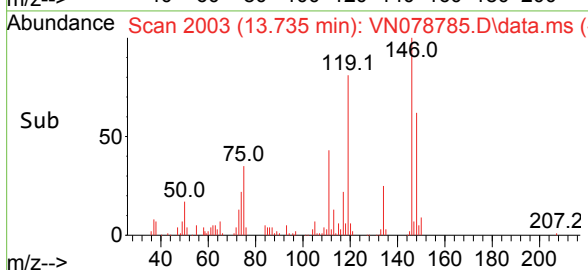
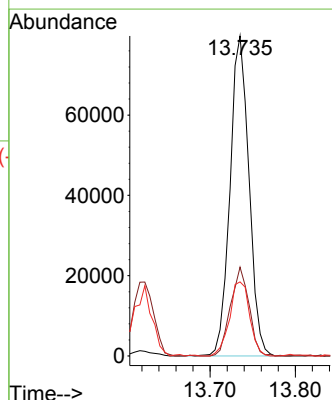
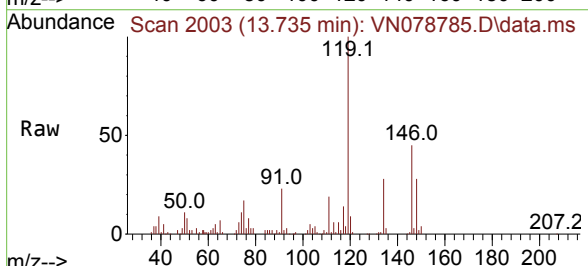
Tgt Ion:119 Resp: 122989

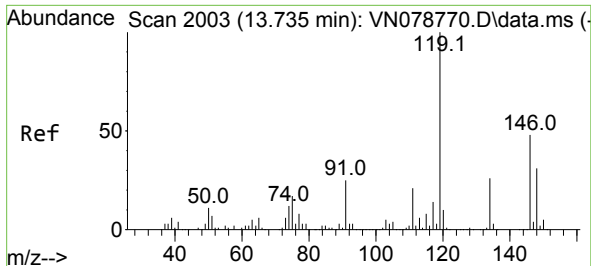
Ion Ratio Lower Upper

119 100

134 27.1 12.6 37.8

91 24.6 12.4 37.2

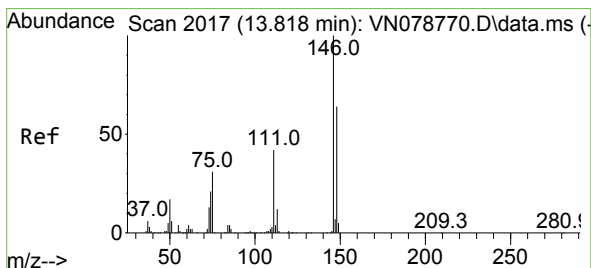
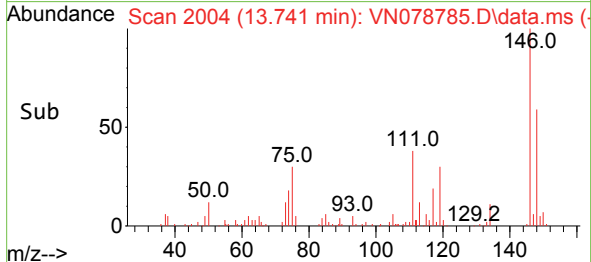
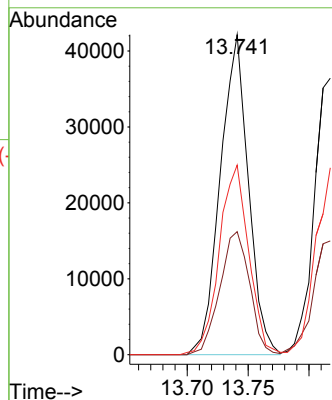
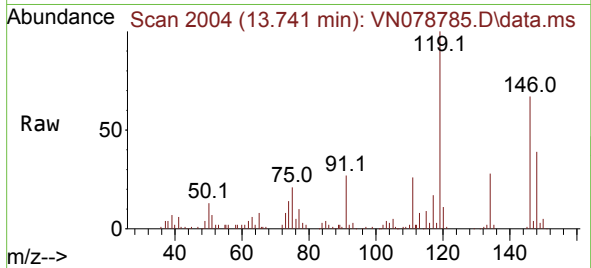




#87
1,3-Dichlorobenzene
Concen: 20.104 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

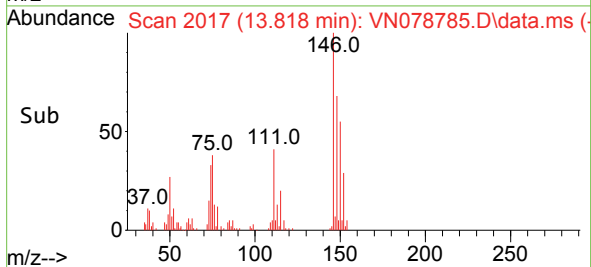
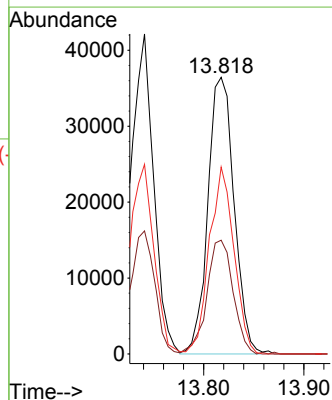
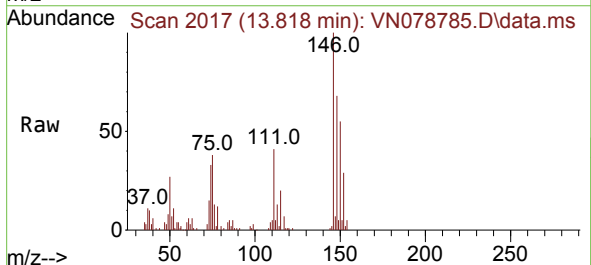
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

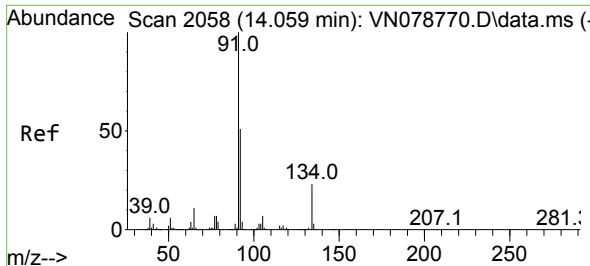
Tgt Ion:146 Resp: 67629
Ion Ratio Lower Upper
146 100
111 40.8 22.1 66.3
148 62.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.880 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:146 Resp: 66292
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 63.5 31.6 94.8

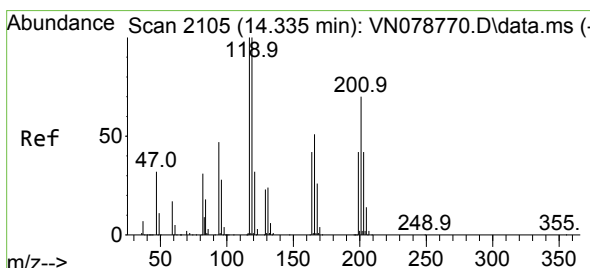
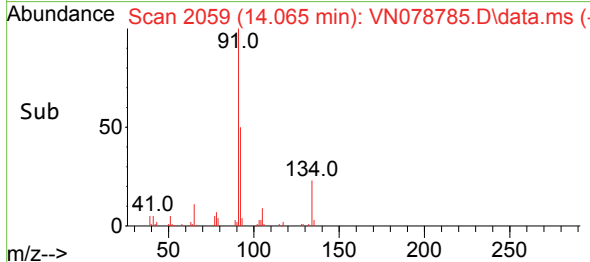
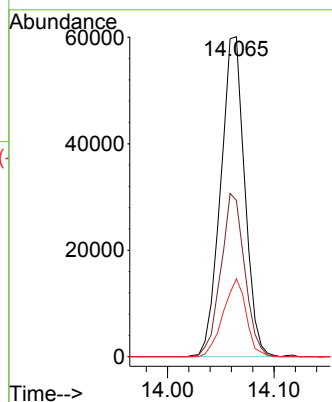
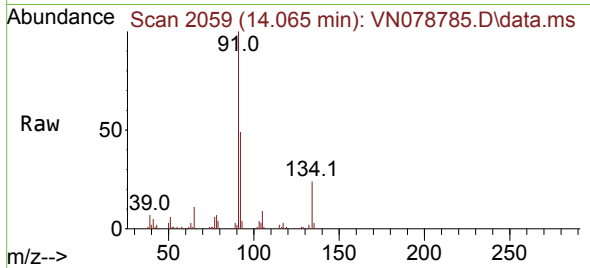




#89
n-Butylbenzene
Concen: 20.169 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

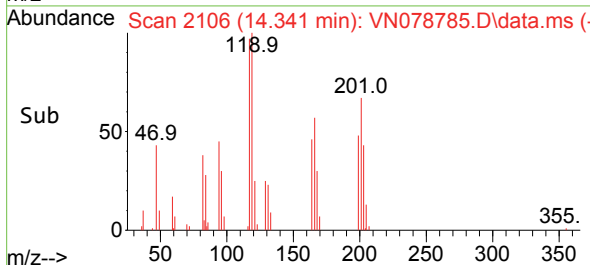
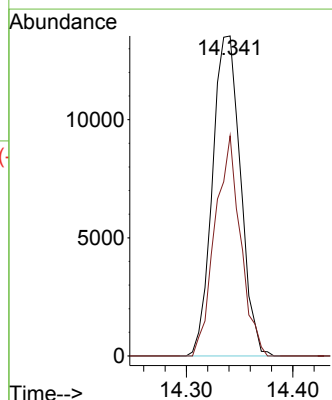
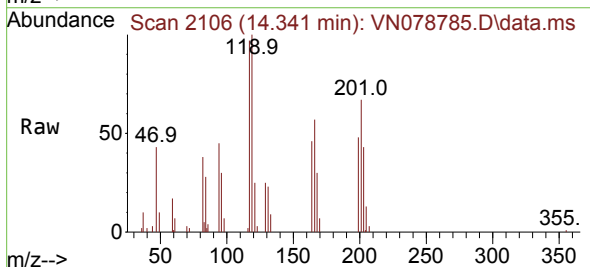
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

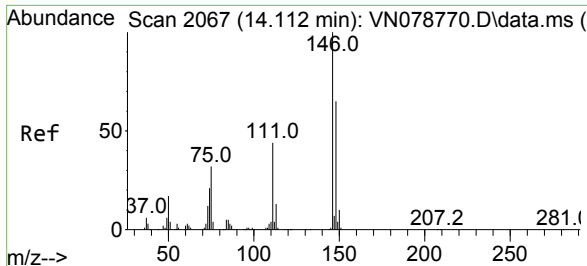
Tgt Ion: 91 Resp: 94235
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 23.4 12.6 37.6



#90
Hexachloroethane
Concen: 19.186 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion: 117 Resp: 24762
Ion Ratio Lower Upper
117 100
201 62.8 29.3 88.0

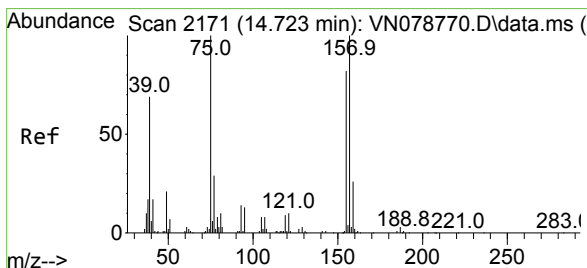
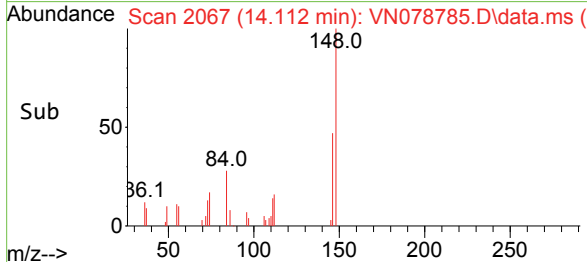
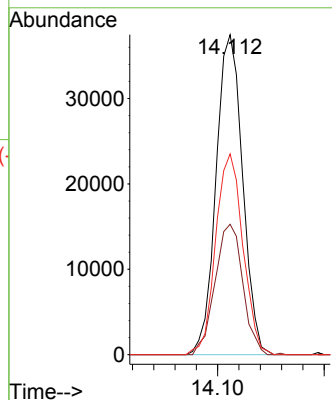
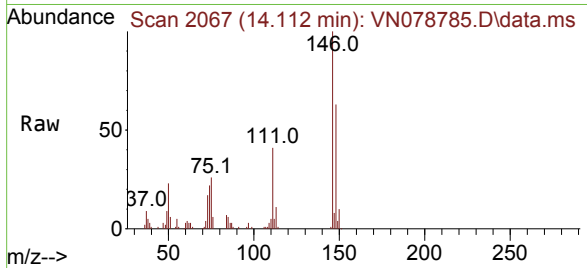




#91
 1,2-Dichlorobenzene
 Concen: 20.001 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

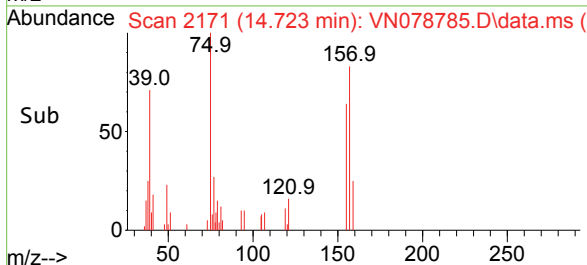
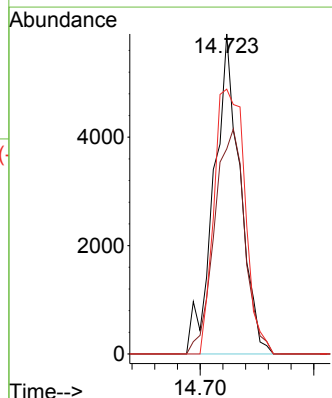
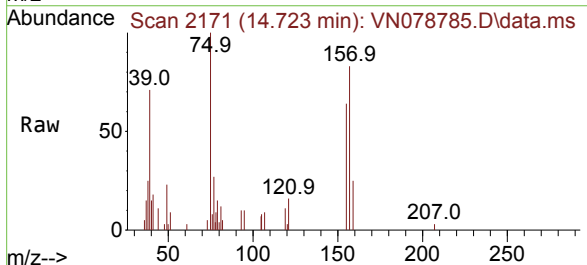
Instrument :
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 ClientSampleId :
 VSTDIC020

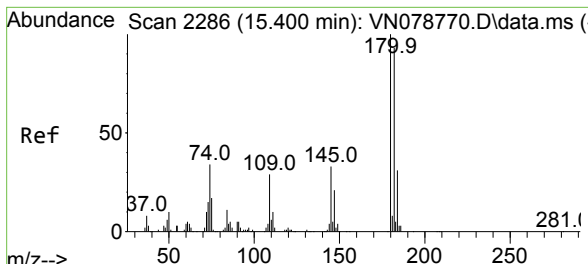
Tgt Ion:146 Resp: 64816
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 64.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.135 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion: 75 Resp: 9422
 Ion Ratio Lower Upper
 75 100
 155 81.7 39.1 117.2
 157 98.0 50.3 150.9

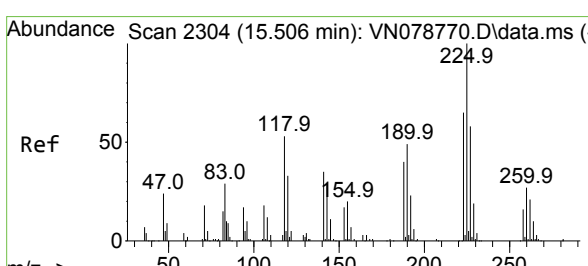
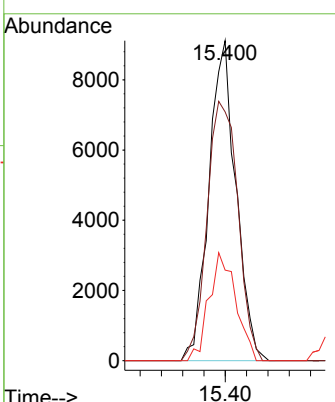
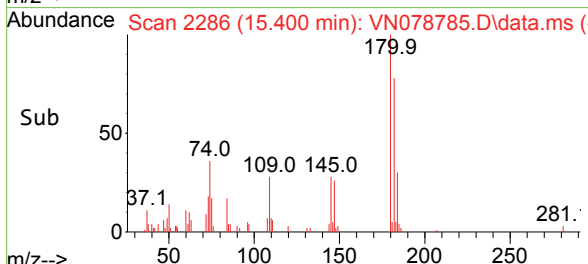
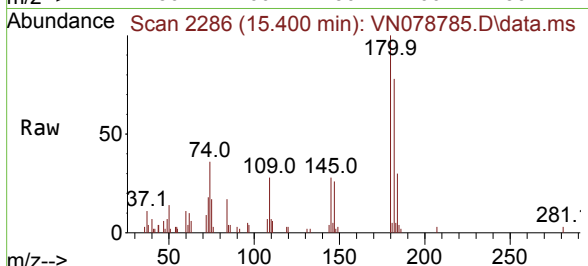




#93
 1,2,4-Trichlorobenzene
 Concen: 17.629 ug/l
 RT: 15.400 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

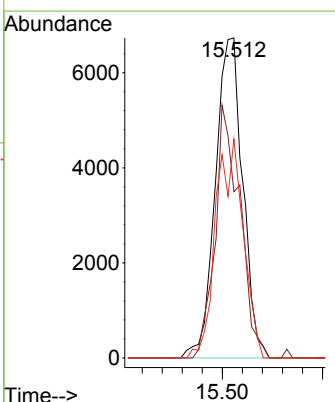
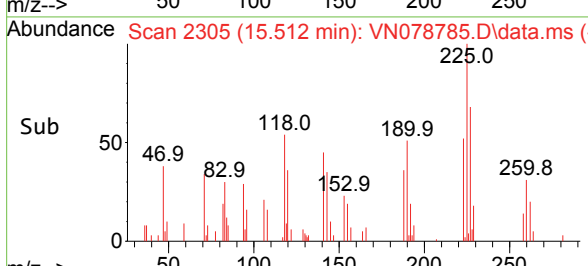
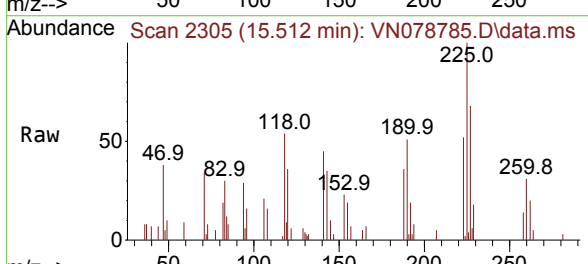
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

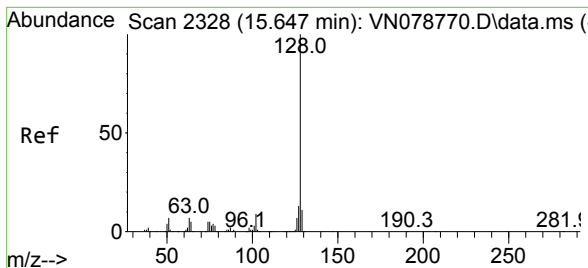
Tgt Ion:	180	Resp:	16052
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.1	138.2
145	33.4	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 19.506 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.005 min
 Lab File: VN078785.D
 Acq: 07 Aug 2023 19:40

Tgt Ion:	225	Resp:	12762
Ion Ratio	Lower	Upper	
225	100		
223	71.3	31.3	93.8
227	69.0	31.9	95.9

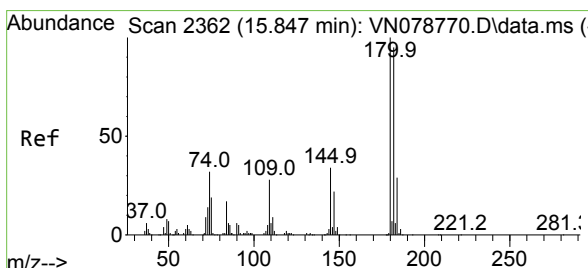
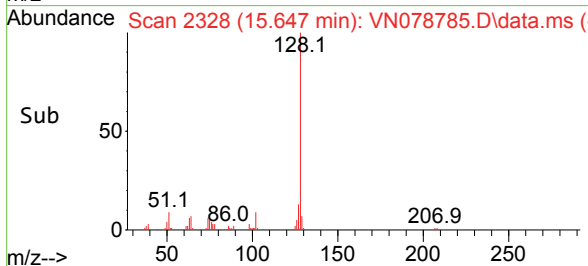
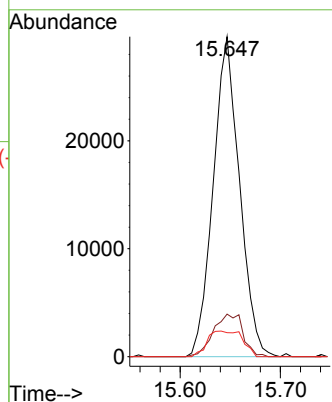
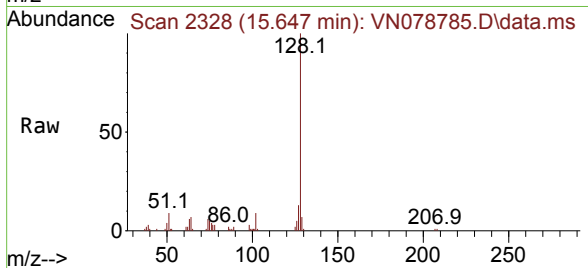




#95
Naphthalene
Concen: 17.779 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	54036
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.0	15.0
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.378 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078785.D
Acq: 07 Aug 2023 19:40

Tgt Ion:	180	Resp:	21010
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.2	138.6
145	33.9	17.5	52.6

