

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076440.D
 Acq On : 27 Jan 2023 15:34
 Operator : JC\MD
 Sample : VN0127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Quant Time: Jan 27 22:39:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	336861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222133	58.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.780%			
35) Dibromofluoromethane	8.171	113	186736	54.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.420%			
50) Toluene-d8	10.571	98	679936	53.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.880%			
62) 4-Bromofluorobenzene	12.853	95	239806	58.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61283	17.753	ug/l	100
3) Chloromethane	2.377	50	73637	20.603	ug/l	97
4) Vinyl Chloride	2.530	62	99189	22.633	ug/l	97
5) Bromomethane	2.971	94	72571	20.221	ug/l	99
6) Chloroethane	3.130	64	66827	20.335	ug/l	92
7) Trichlorofluoromethane	3.512	101	140715	23.338	ug/l	99
8) Diethyl Ether	3.977	74	40061	19.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.395	101	63943	18.734	ug/l	98
10) Methyl Iodide	4.600	142	92527	17.747	ug/l	97
11) Tert butyl alcohol	5.530	59	47000	93.162	ug/l	98
12) 1,1-Dichloroethene	4.348	96	56499	17.511	ug/l	94
13) Acrolein	4.201	56	67720	112.243	ug/l	100
14) Allyl chloride	5.042	41	78201	20.798	ug/l	92
15) Acrylonitrile	5.736	53	141825	98.788	ug/l	98
16) Acetone	4.442	43	135544	112.061	ug/l	97
17) Carbon Disulfide	4.730	76	125018	15.561	ug/l	99
18) Methyl Acetate	5.042	43	82933	20.239	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	210222	20.014	ug/l	99
20) Methylene Chloride	5.289	84	68688	18.823	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	62611	17.912	ug/l	97
22) Diisopropyl ether	6.683	45	187749	21.174	ug/l	98
23) Vinyl Acetate	6.618	43	598257	104.395	ug/l	98
24) 1,1-Dichloroethane	6.583	63	114794	19.422	ug/l	99
25) 2-Butanone	7.494	43	184338	99.821	ug/l	95
26) 2,2-Dichloropropane	7.500	77	96838	19.439	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	76490	18.762	ug/l	95
28) Bromochloromethane	7.818	49	51872	21.652	ug/l	96
29) Tetrahydrofuran	7.847	42	115952	101.735	ug/l	96
30) Chloroform	7.977	83	130400	19.939	ug/l	99
31) Cyclohexane	8.265	56	102004	17.605	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	114599	19.193	ug/l	92
36) 1,1-Dichloropropene	8.377	75	85528	17.634	ug/l	98
37) Ethyl Acetate	7.565	43	77538	19.953	ug/l	99
38) Carbon Tetrachloride	8.371	117	101840	18.828	ug/l	99
39) Methylcyclohexane	9.606	83	104754	17.686	ug/l	94
40) Benzene	8.612	78	274996	18.961	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39057	19.174	ug/l	95
42) 1,2-Dichloroethane	8.677	62	102597	20.676	ug/l	98
43) Isopropyl Acetate	8.694	43	126336	19.962	ug/l	98
44) Trichloroethene	9.353	130	71626	17.461	ug/l	96
45) 1,2-Dichloropropane	9.624	63	69066	19.890	ug/l	98
46) Dibromomethane	9.712	93	50702	19.339	ug/l	97
47) Bromodichloromethane	9.894	83	103085	20.273	ug/l	99
48) Methyl methacrylate	9.682	41	61946	20.675	ug/l	95
49) 1,4-Dioxane	9.694	88	23529	372.167	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	385574	103.780	ug/l	98
52) Toluene	10.635	92	180852	18.647	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	101379	20.915	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	107788	19.329	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	75518	20.370	ug/l	95
56) Ethyl methacrylate	10.877	69	100227	20.941	ug/l	98
57) 1,3-Dichloropropane	11.165	76	122278	20.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	147209	91.109	ug/l	99
59) 2-Hexanone	11.200	43	279209	103.706	ug/l	97
60) Dibromochloromethane	11.365	129	80902	20.731	ug/l	100
61) 1,2-Dibromoethane	11.471	107	72724	19.653	ug/l	100
64) Tetrachloroethene	11.106	164	73563	16.450	ug/l	95
65) Chlorobenzene	11.894	112	196038	18.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75987	19.483	ug/l	100
67) Ethyl Benzene	11.965	91	342690	19.102	ug/l	99
68) m/p-Xylenes	12.076	106	274026	38.092	ug/l	99
69) o-Xylene	12.400	106	135863	19.232	ug/l	99
70) Styrene	12.412	104	217056	19.242	ug/l	98
71) Bromoform	12.582	173	55979	19.875	ug/l #	99
73) Isopropylbenzene	12.700	105	352750	19.549	ug/l	99
74) N-amyl acetate	12.500	43	105343	20.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104059	20.061	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122500	28.420	ug/l	85
77) Bromobenzene	12.982	156	83695	19.497	ug/l	97
78) n-propylbenzene	13.035	91	399273	19.611	ug/l	98
79) 2-Chlorotoluene	13.129	91	243184	19.465	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	303556	20.081	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	26060	18.590	ug/l	91
82) 4-Chlorotoluene	13.129	91	243184	19.465	ug/l	100
83) tert-Butylbenzene	13.441	119	272542	20.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	300446	19.821	ug/l	99
85) sec-Butylbenzene	13.618	105	375489	20.127	ug/l	98
86) p-Isopropyltoluene	13.735	119	303493	19.783	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153957	18.103	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	150322	18.644	ug/l	98
89) n-Butylbenzene	14.059	91	232860	19.121	ug/l	100
90) Hexachloroethane	14.341	117	50127	18.932	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	151166	17.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16489	18.287	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67068	17.263	ug/l	99
94) Hexachlorobutadiene	15.506	225	38534	17.143	ug/l	98
95) Naphthalene	15.647	128	192599	17.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66748	17.868	ug/l	99

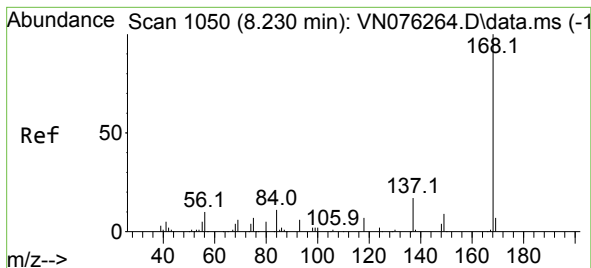
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

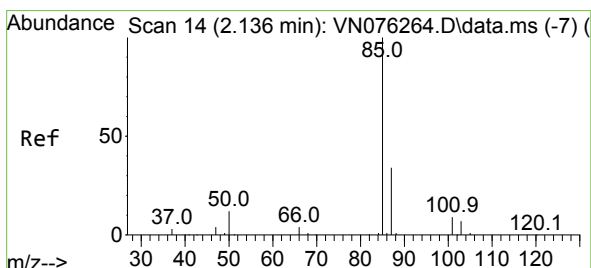
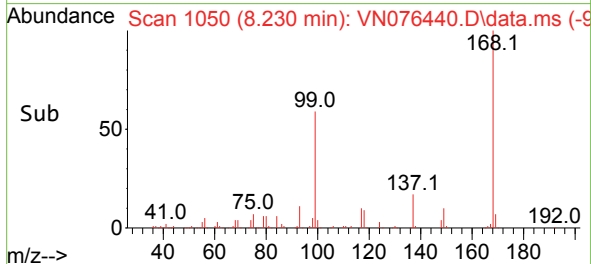
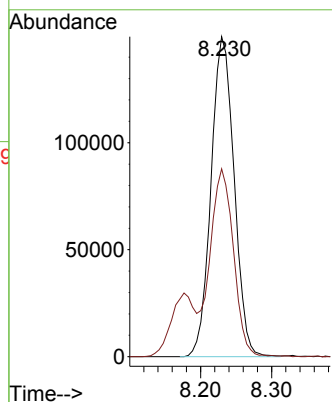
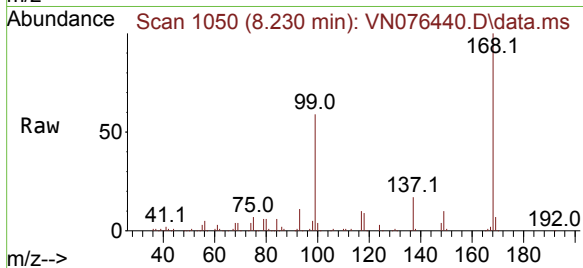
VN0127MBSD01

Tgt Ion:168 Resp: 336861

Ion Ratio Lower Upper

168 100

99 58.5 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 17.753 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076440.D

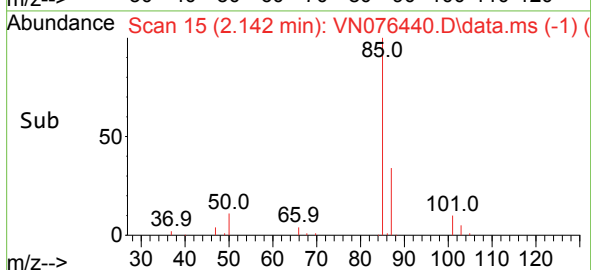
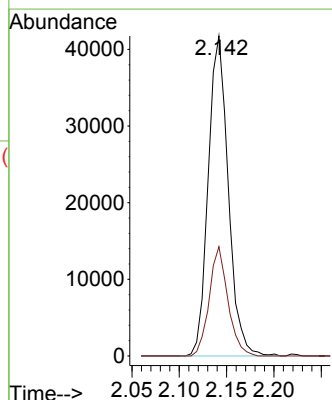
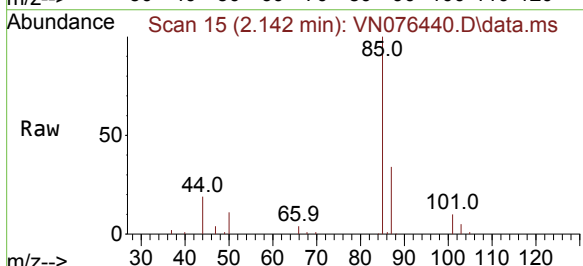
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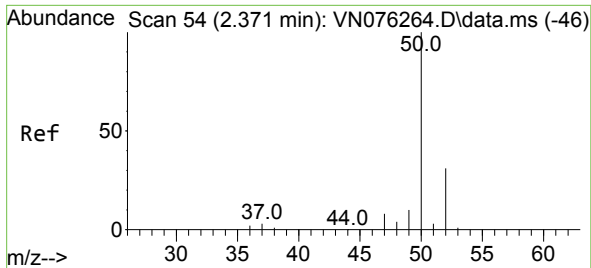
Tgt Ion: 85 Resp: 61283

Ion Ratio Lower Upper

85 100

87 34.1 17.1 51.2

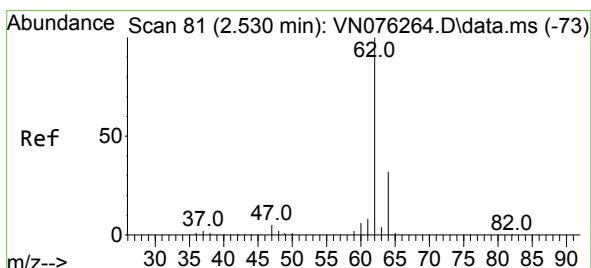
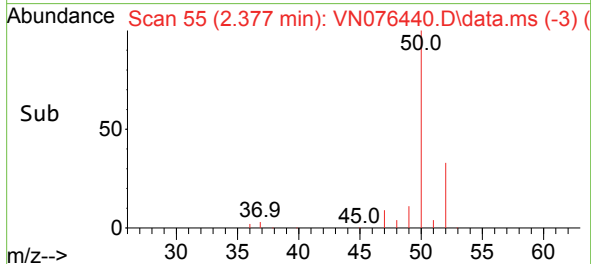
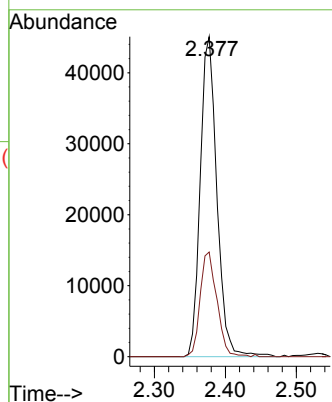
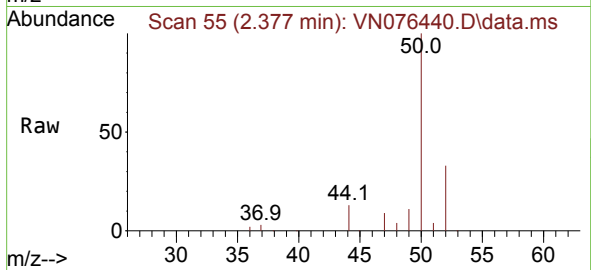




#3
Chloromethane
Concen: 20.603 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076440.D
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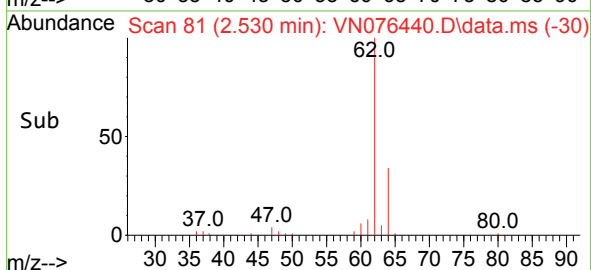
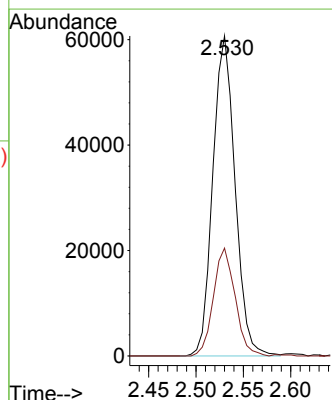
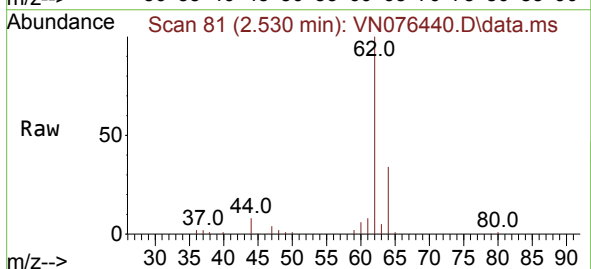
Instrument :
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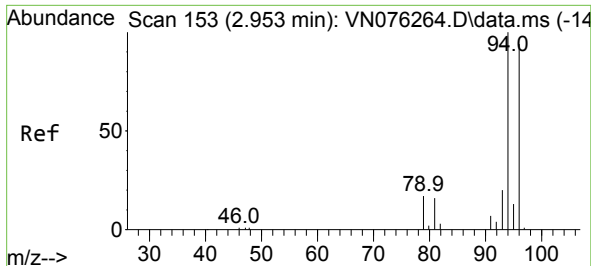
Tgt Ion: 50 Resp: 73637
Ion Ratio Lower Upper
50 100
52 32.7 24.8 37.2



#4
Vinyl Chloride
Concen: 22.633 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 62 Resp: 99189
Ion Ratio Lower Upper
62 100
64 33.7 25.8 38.6

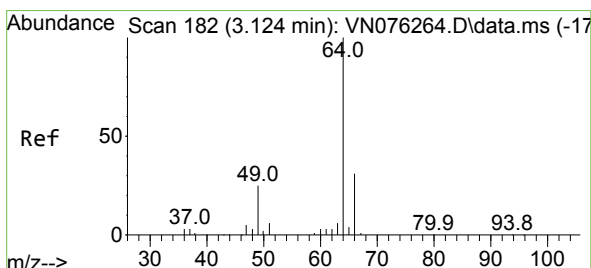
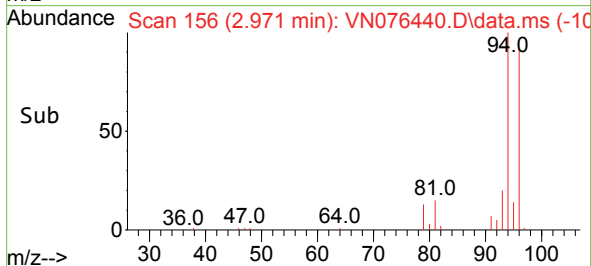
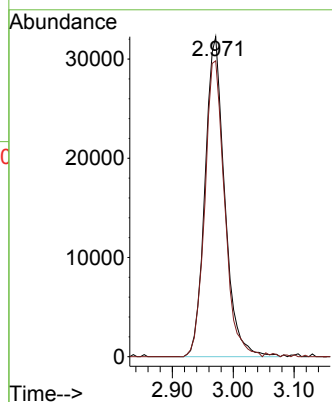
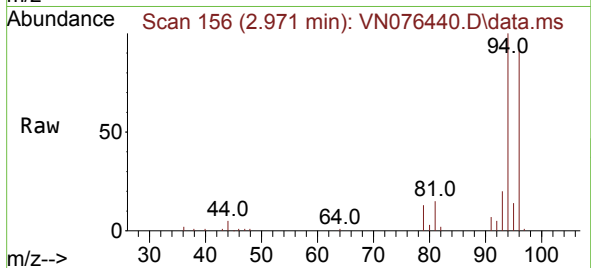




#5
Bromomethane
Concen: 20.221 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

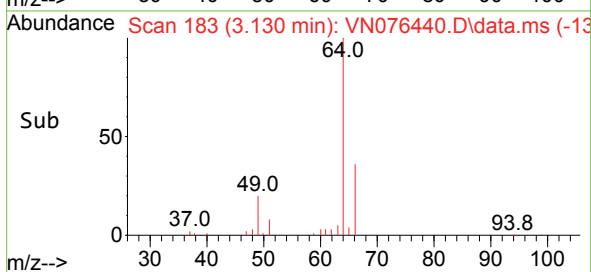
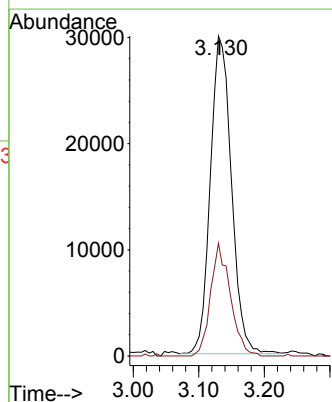
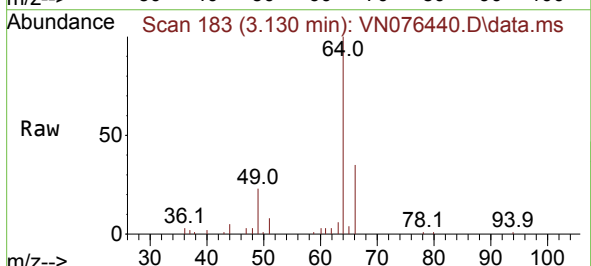
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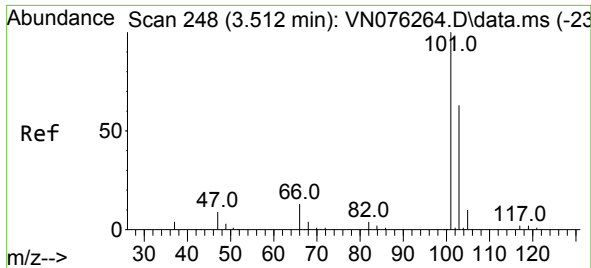
Tgt Ion: 94 Resp: 72571
Ion Ratio Lower Upper
94 100
96 92.5 75.1 112.7



#6
Chloroethane
Concen: 20.335 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 64 Resp: 66827
Ion Ratio Lower Upper
64 100
66 35.5 24.8 37.2

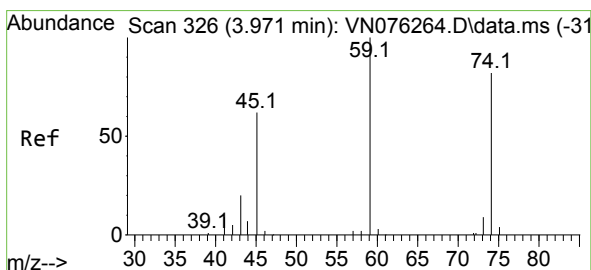
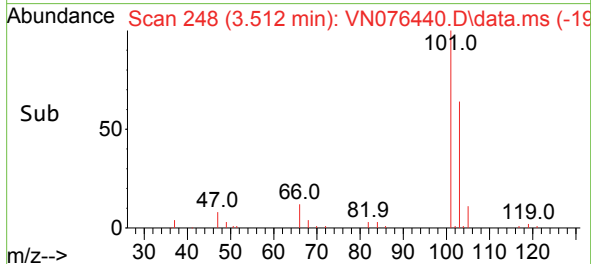
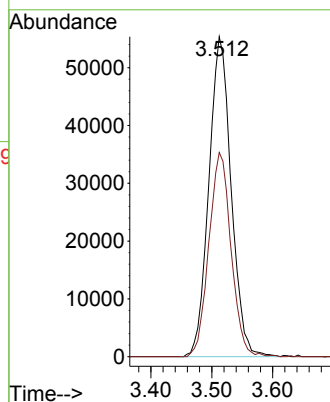
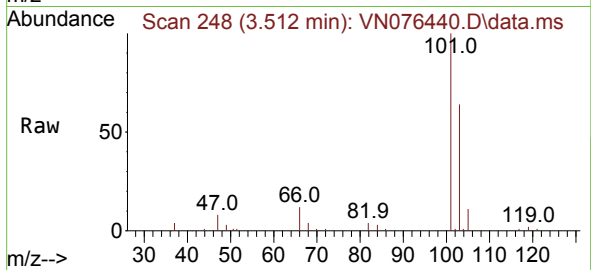




#7
 Trichlorofluoromethane
 Concen: 23.338 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

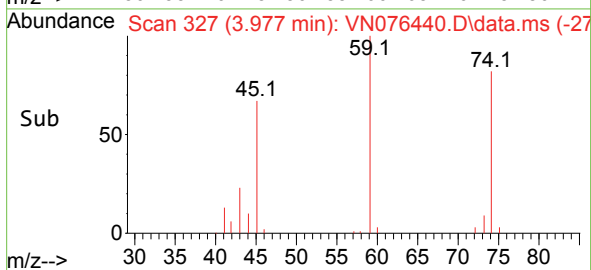
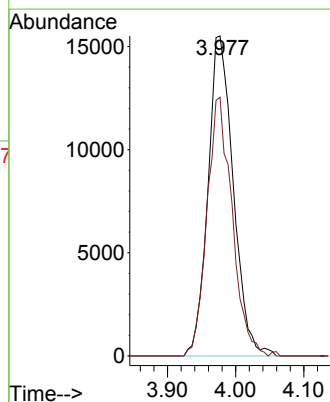
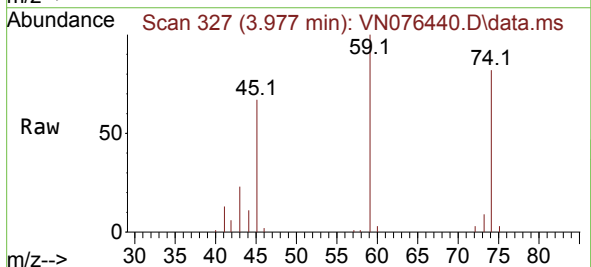
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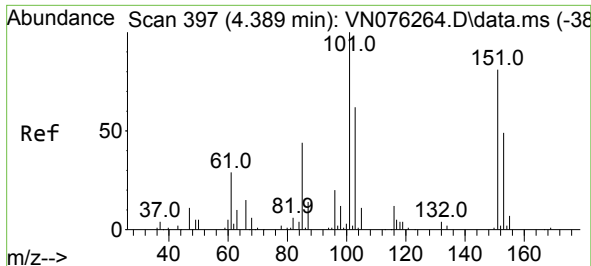
Tgt Ion:101 Resp: 140715
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 19.810 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

Tgt Ion: 74 Resp: 40061
 Ion Ratio Lower Upper
 74 100
 45 80.3 37.8 113.3

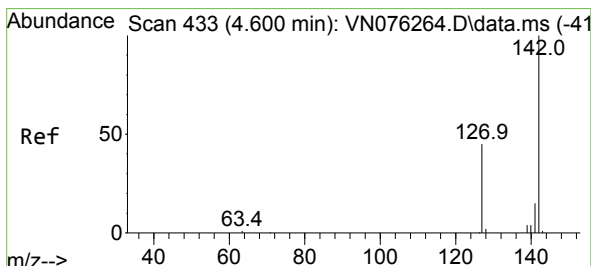
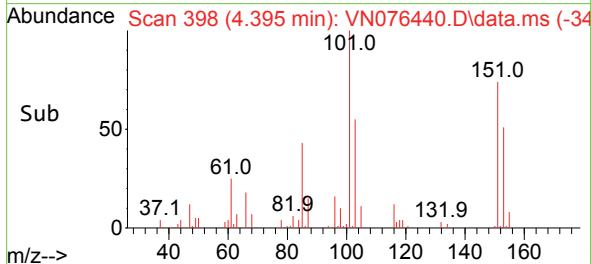
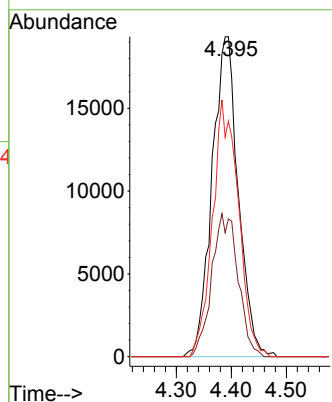
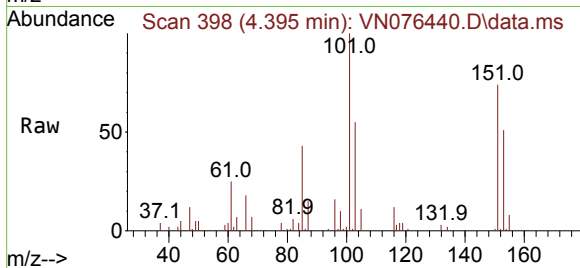




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.734 ug/l
RT: 4.395 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN076440.D
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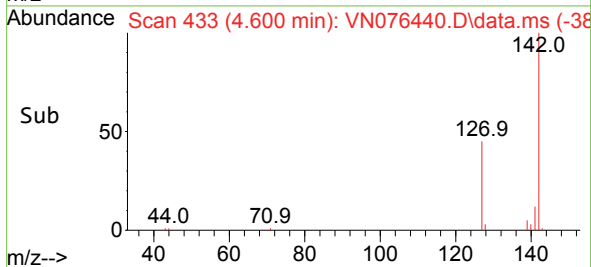
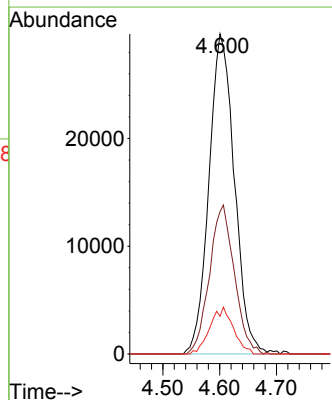
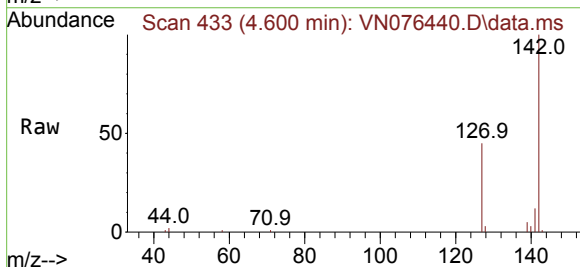
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

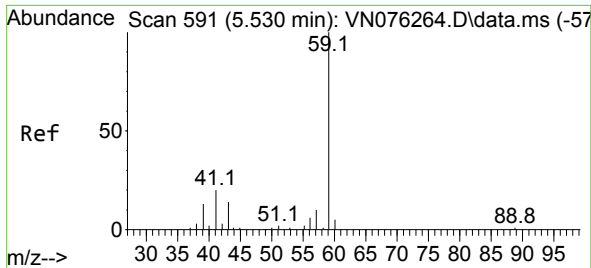
Tgt Ion:101 Resp: 63943
Ion Ratio Lower Upper
101 100
85 44.9 35.5 53.3
151 79.3 65.5 98.3



#10
Methyl Iodide
Concen: 17.747 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion:142 Resp: 92527
Ion Ratio Lower Upper
142 100
127 45.4 35.0 52.4
141 13.5 11.5 17.3

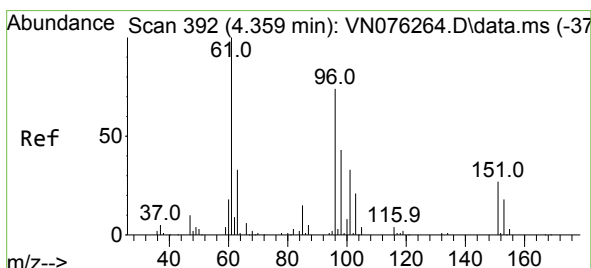
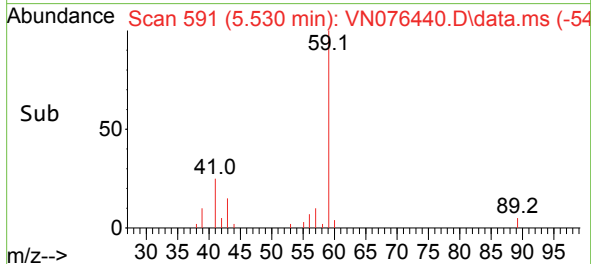
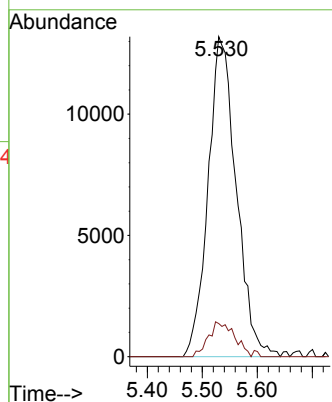
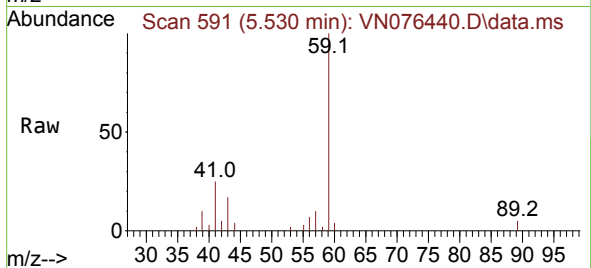




#11
Tert butyl alcohol
Concen: 93.162 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

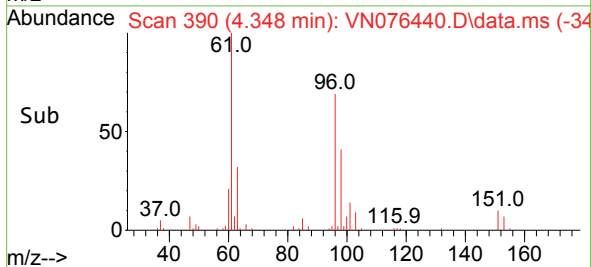
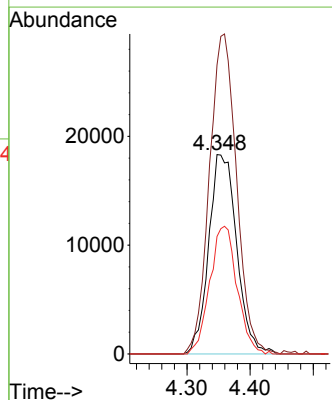
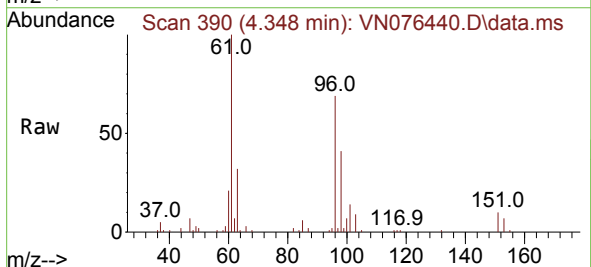
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

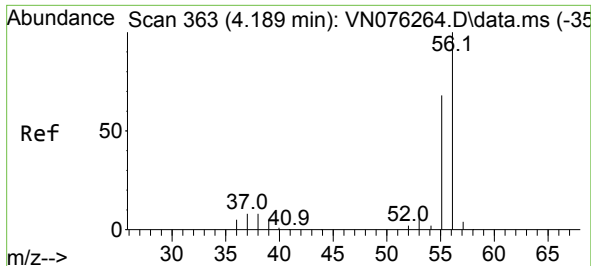
Tgt Ion: 59 Resp: 47000
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.511 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.011 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 96 Resp: 56499
Ion Ratio Lower Upper
96 100
61 144.8 108.2 162.4
98 58.9 47.0 70.6





#13

Acrolein

Concen: 112.243 ug/l

RT: 4.201 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

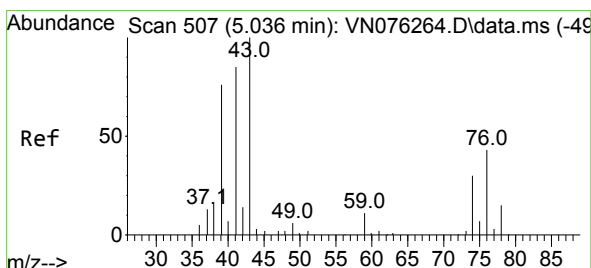
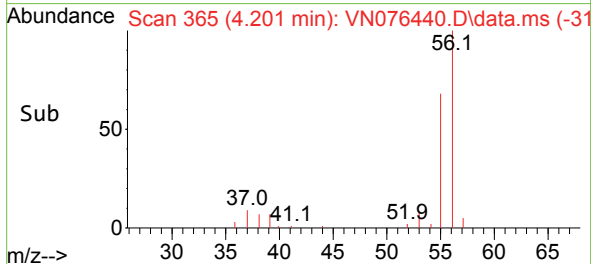
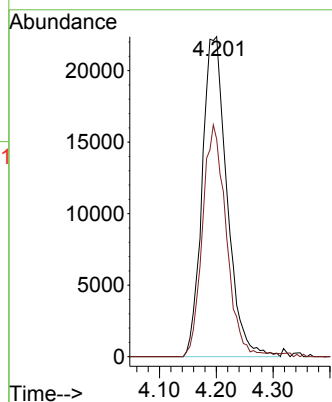
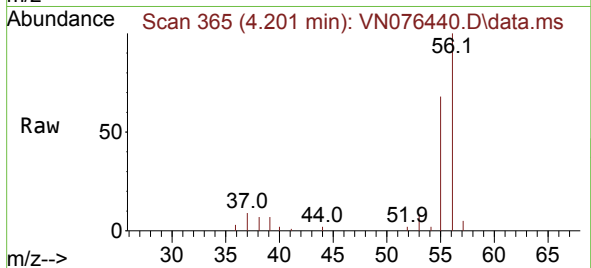
VN0127MBS01

Tgt Ion: 56 Resp: 67720

Ion Ratio Lower Upper

56 100

55 69.5 55.8 83.6



#14

Allyl chloride

Concen: 20.798 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

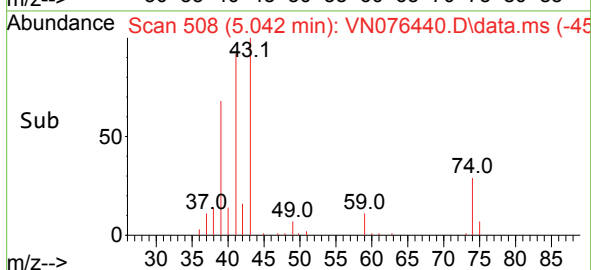
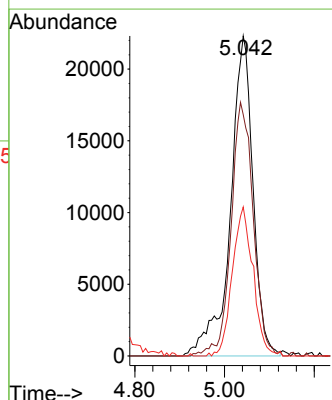
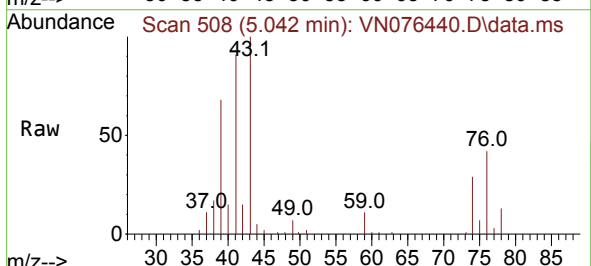
Tgt Ion: 41 Resp: 78201

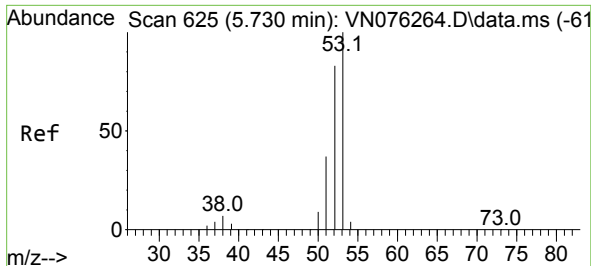
Ion Ratio Lower Upper

41 100

39 77.8 67.4 101.0

76 42.7 39.8 59.8

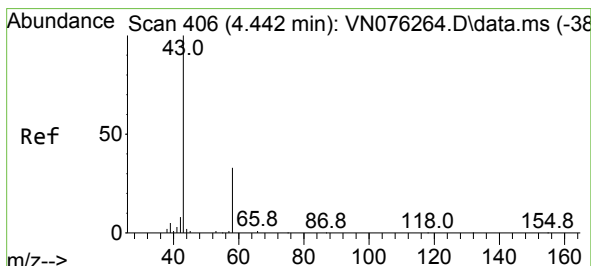
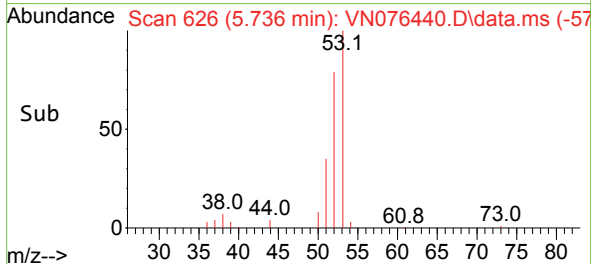
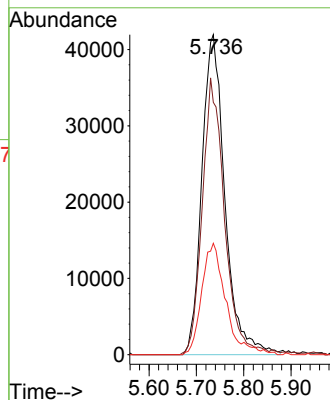
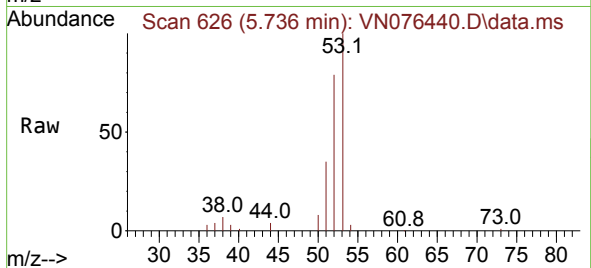




#15
Acrylonitrile
Concen: 98.788 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

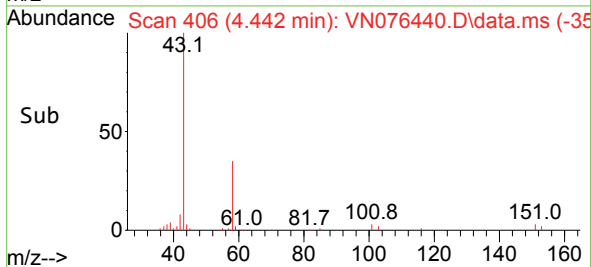
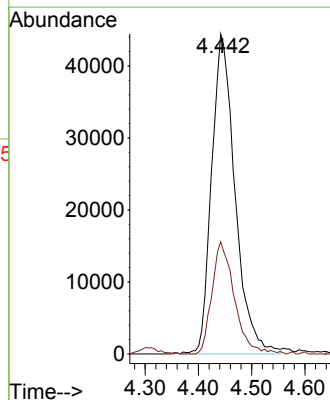
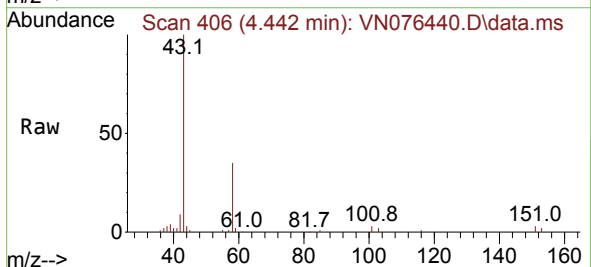
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

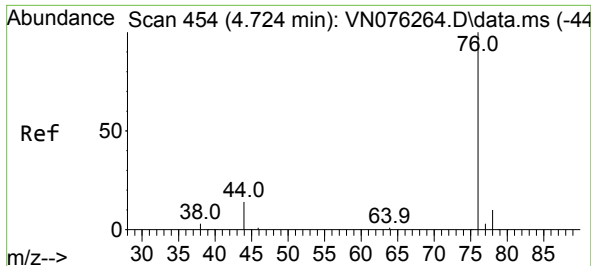
Tgt Ion: 53 Resp: 141825
Ion Ratio Lower Upper
53 100
52 82.9 64.7 97.1
51 36.3 29.2 43.8



#16
Acetone
Concen: 112.061 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 43 Resp: 135544
Ion Ratio Lower Upper
43 100
58 35.1 26.7 40.1

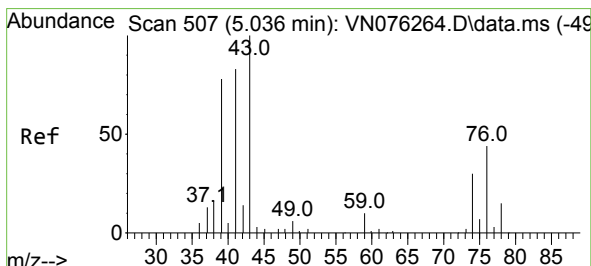
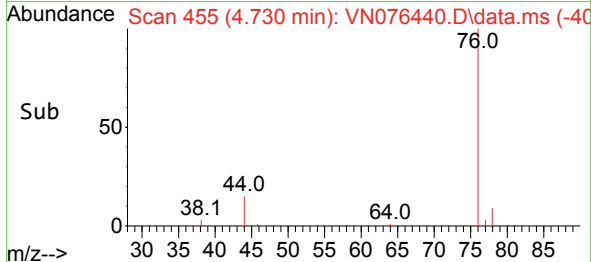
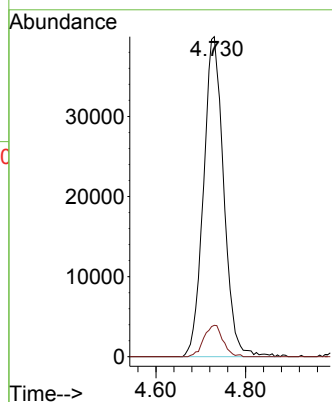
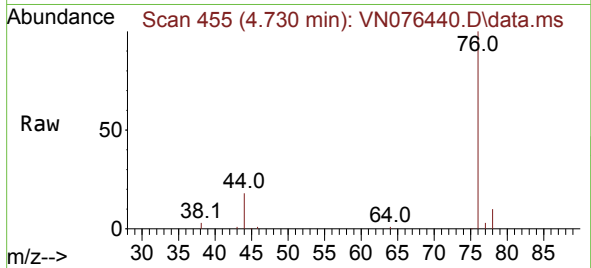




#17
Carbon Disulfide
Concen: 15.561 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

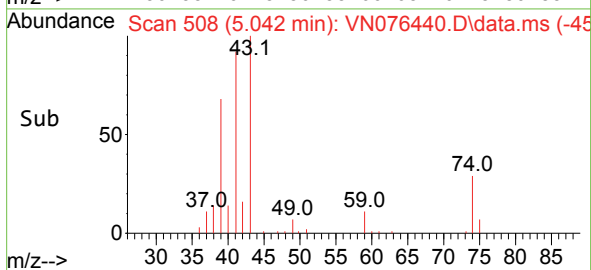
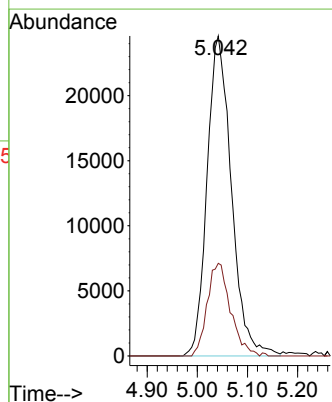
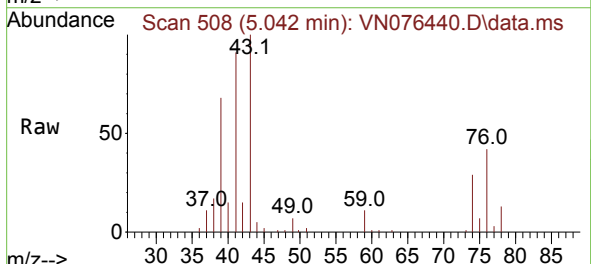
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

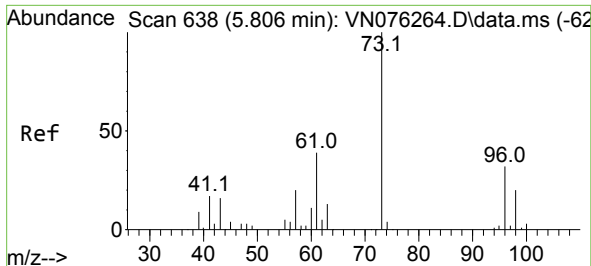
Tgt Ion: 76 Resp: 125018
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0



#18
Methyl Acetate
Concen: 20.239 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 43 Resp: 82933
Ion Ratio Lower Upper
43 100
74 27.6 23.3 34.9

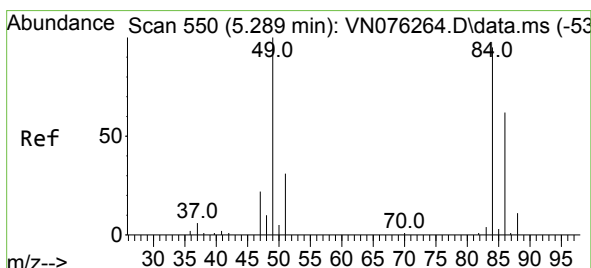
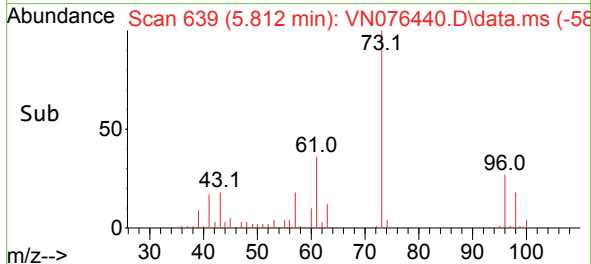
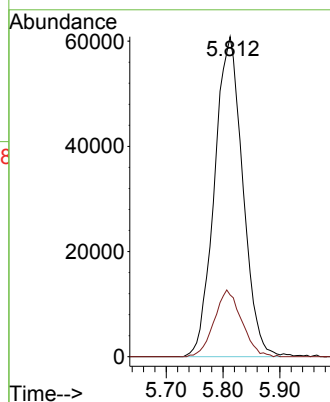
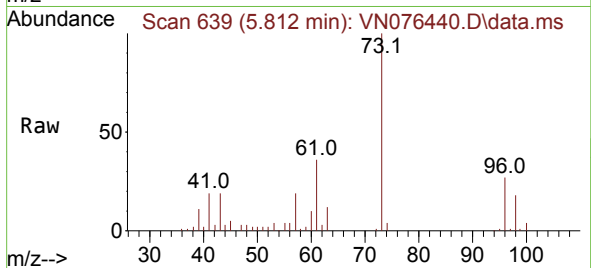




#19
Methyl tert-butyl Ether
Concen: 20.014 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

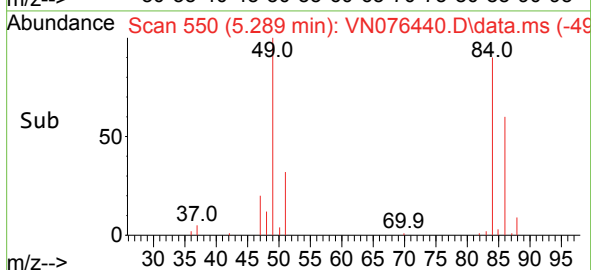
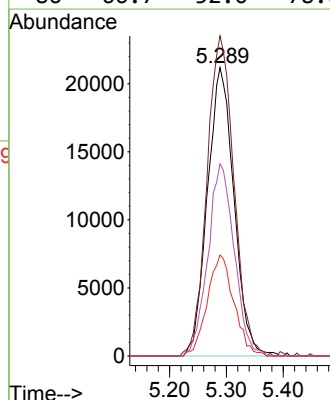
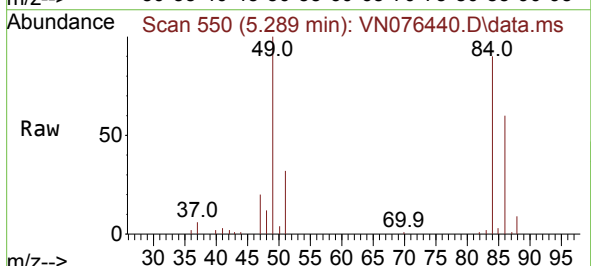
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

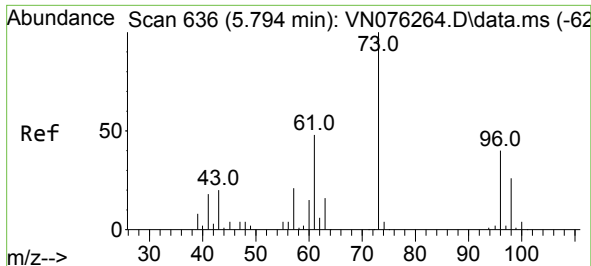
Tgt Ion: 73 Resp: 210222
Ion Ratio Lower Upper
73 100
57 19.3 15.9 23.9



#20
Methylene Chloride
Concen: 18.823 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 84 Resp: 68688
Ion Ratio Lower Upper
84 100
49 111.0 84.5 126.7
51 35.0 26.0 39.0
86 66.7 52.0 78.0

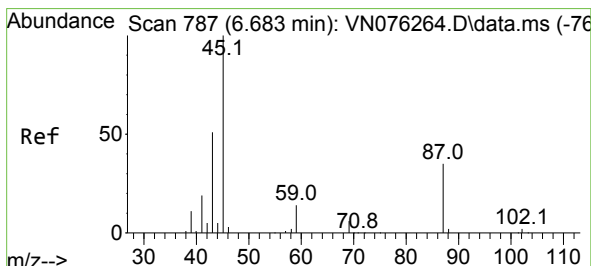
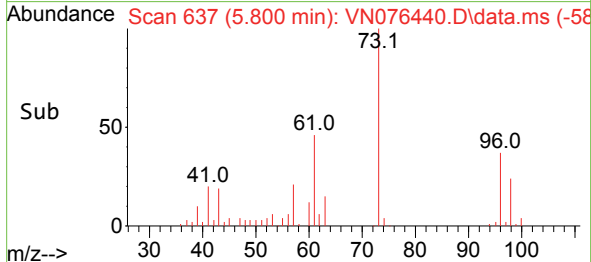
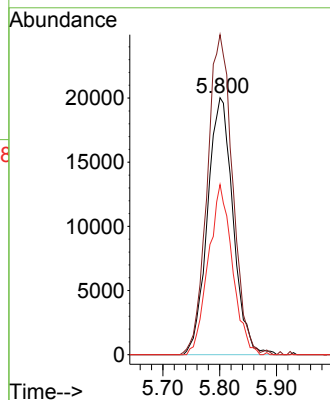
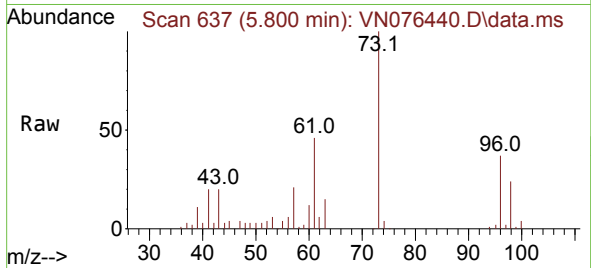




#21
trans-1,2-Dichloroethene
Concen: 17.912 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

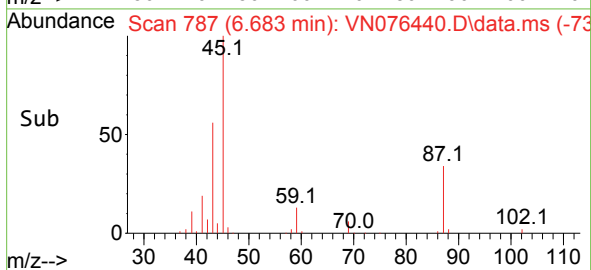
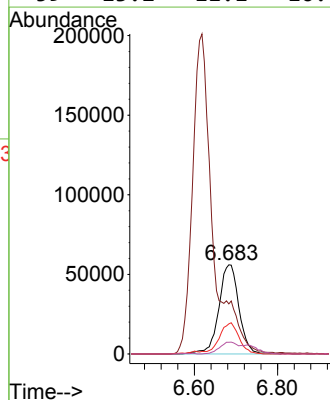
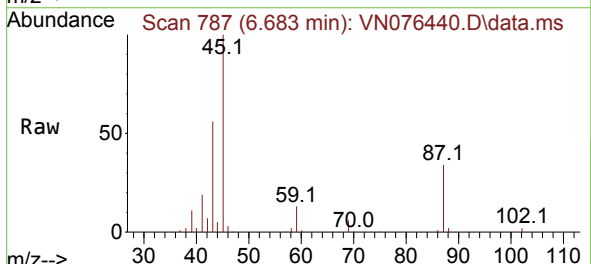
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

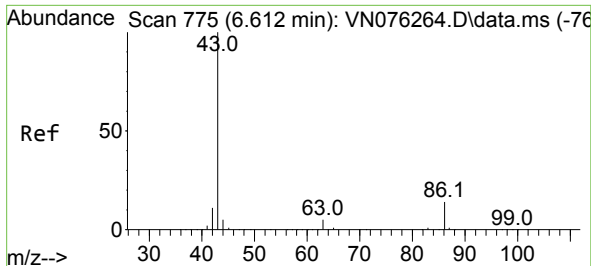
Tgt Ion: 96 Resp: 62611
Ion Ratio Lower Upper
96 100
61 124.5 97.0 145.4
98 66.2 51.9 77.9



#22
Diisopropyl ether
Concen: 21.174 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 45 Resp: 187749
Ion Ratio Lower Upper
45 100
43 54.6 44.4 66.6
87 33.7 28.4 42.6
59 13.2 11.1 16.7

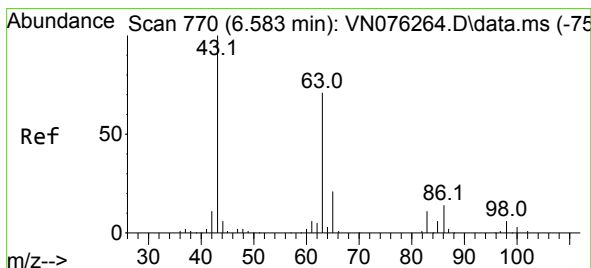
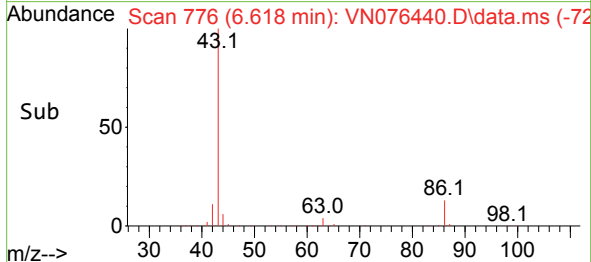
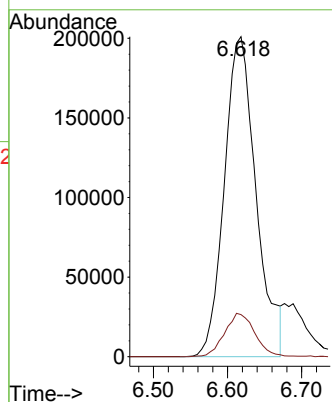
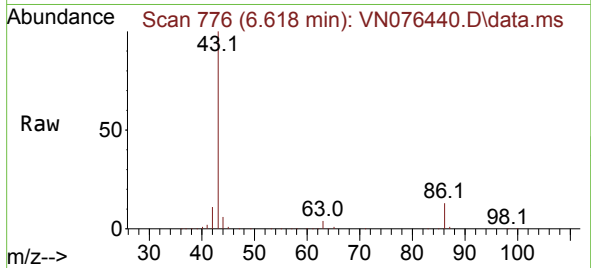




#23
 Vinyl Acetate
 Concen: 104.395 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

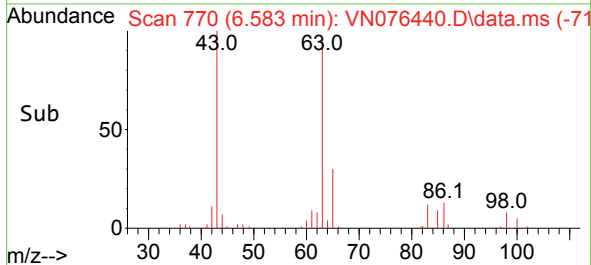
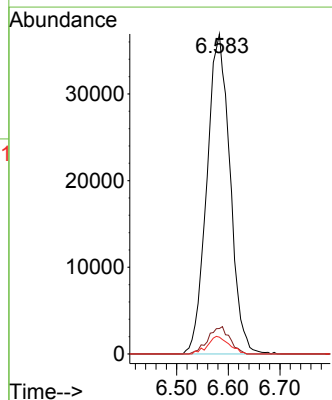
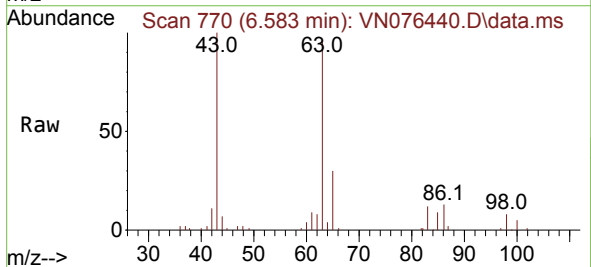
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

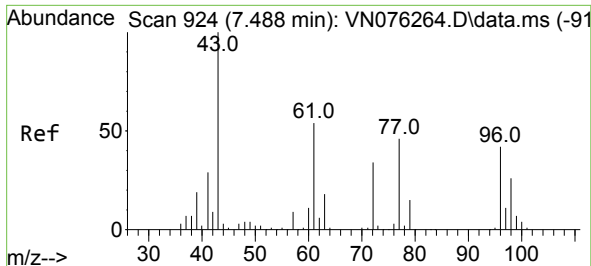
Tgt Ion: 43 Resp: 598257
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.422 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

Tgt Ion: 63 Resp: 114794
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 99.821 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

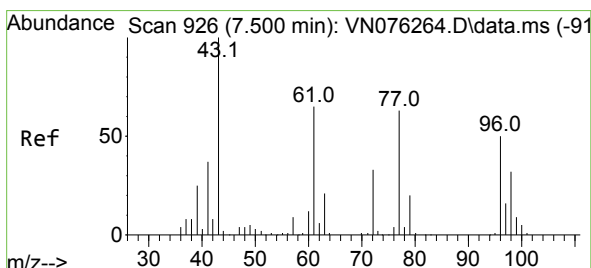
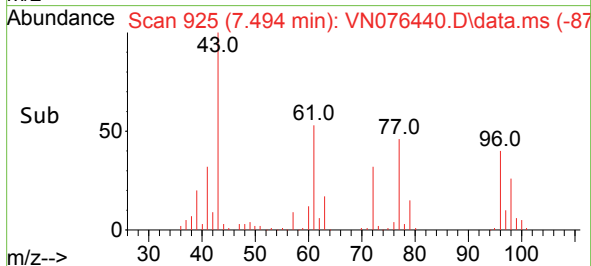
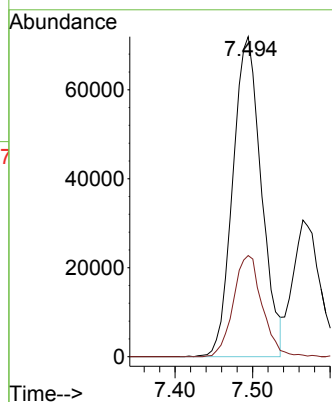
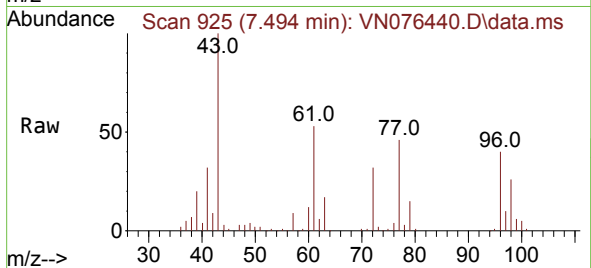
VN0127MBSD01

Tgt Ion: 43 Resp: 184338

Ion Ratio Lower Upper

43 100

72 31.6 27.4 41.2



#26

2,2-Dichloropropane

Concen: 19.439 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076440.D

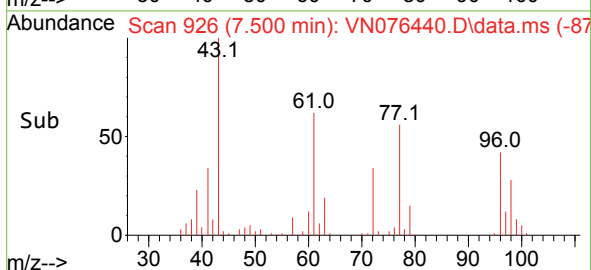
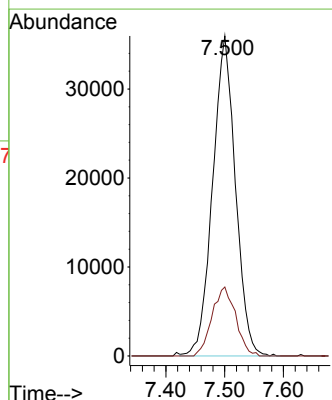
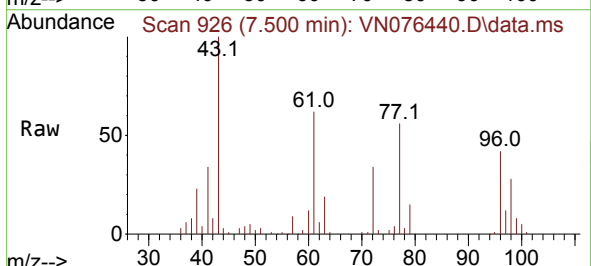
Acq: 27 Jan 2023 15:34

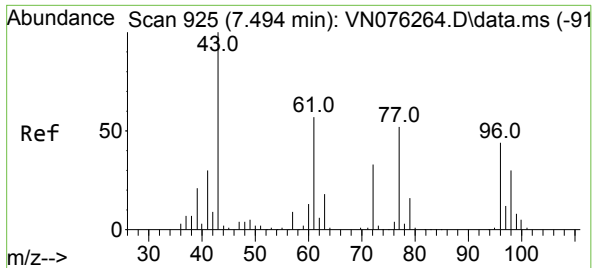
Tgt Ion: 77 Resp: 96838

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 18.762 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

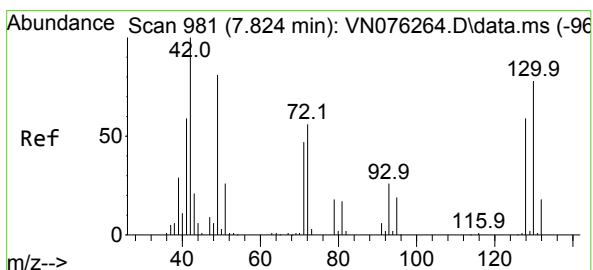
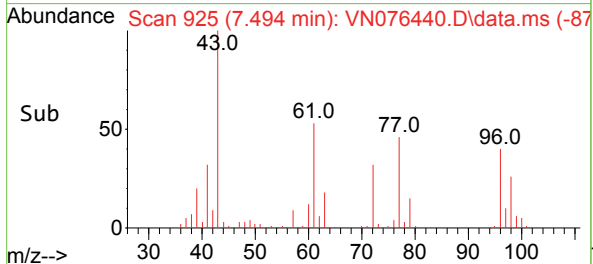
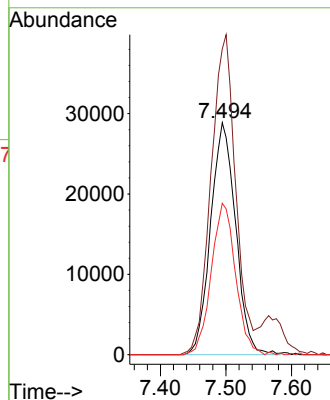
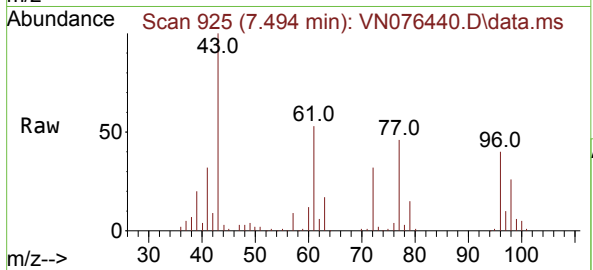
Tgt Ion: 96 Resp: 76490

Ion Ratio Lower Upper

96 100

61 136.8 0.0 259.6

98 63.2 0.0 129.4



#28

Bromochloromethane

Concen: 21.652 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

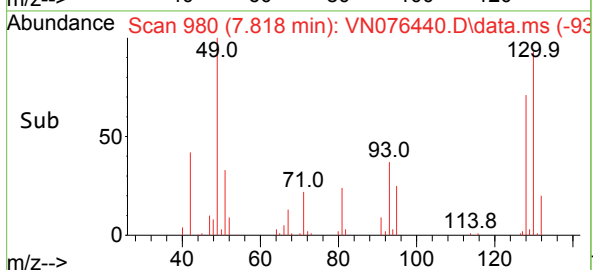
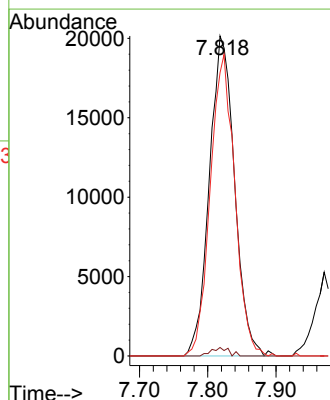
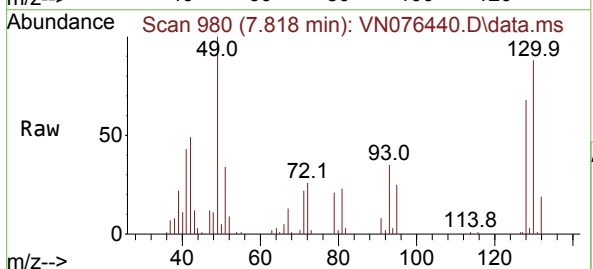
Tgt Ion: 49 Resp: 51872

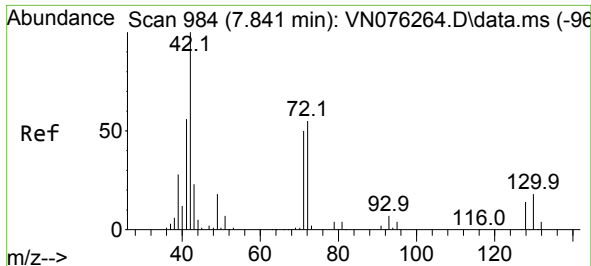
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

130 91.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 101.735 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

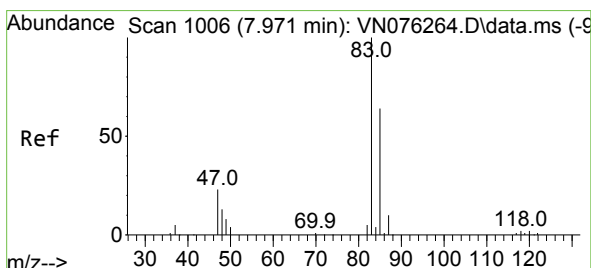
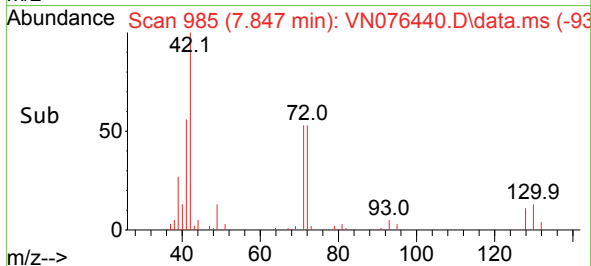
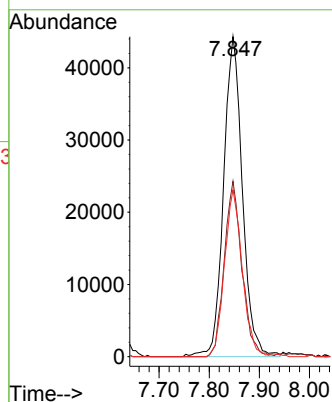
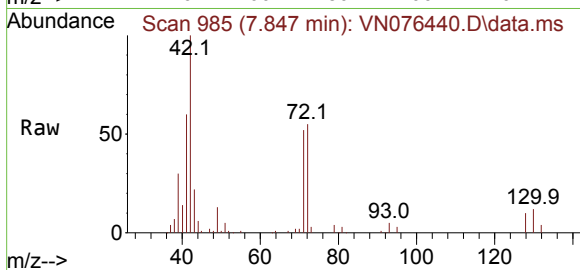
Tgt Ion: 42 Resp: 115952

Ion Ratio Lower Upper

42 100

72 51.4 44.0 66.0

71 49.1 41.1 61.7



#30

Chloroform

Concen: 19.939 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN076440.D

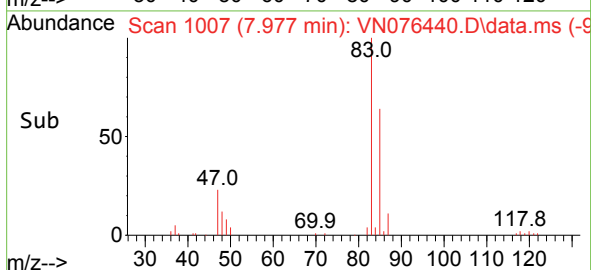
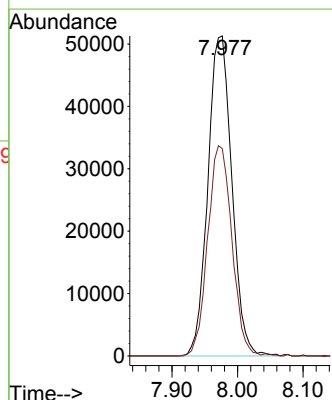
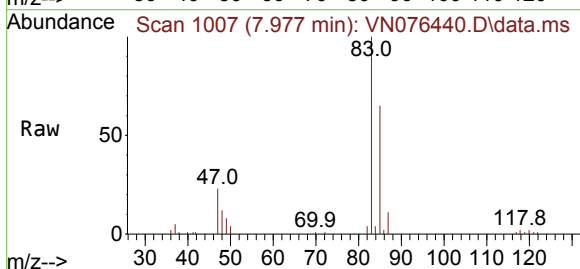
Acq: 27 Jan 2023 15:34

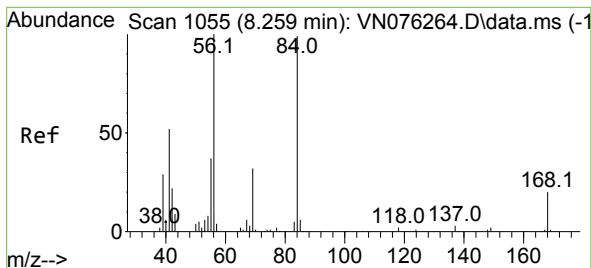
Tgt Ion: 83 Resp: 130400

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.6





#31

Cyclohexane

Concen: 17.605 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

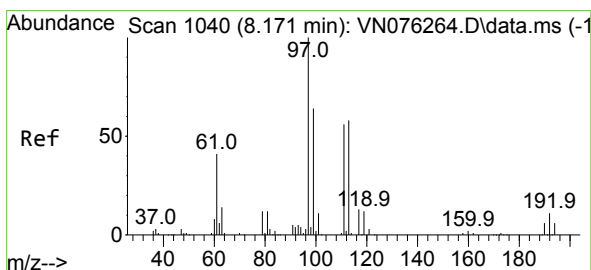
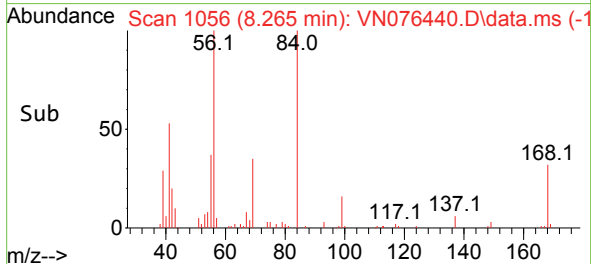
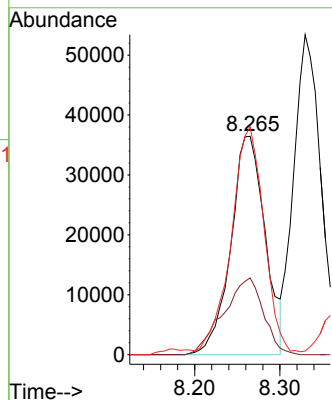
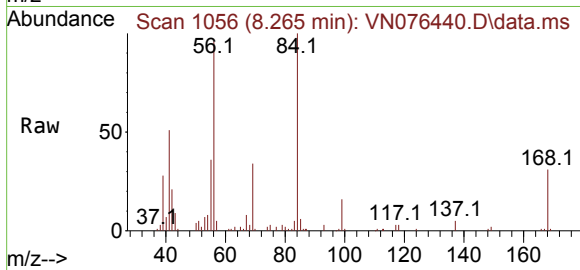
Tgt Ion: 56 Resp: 102004

Ion Ratio Lower Upper

56 100

69 35.2 25.8 38.8

84 102.3 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 19.193 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

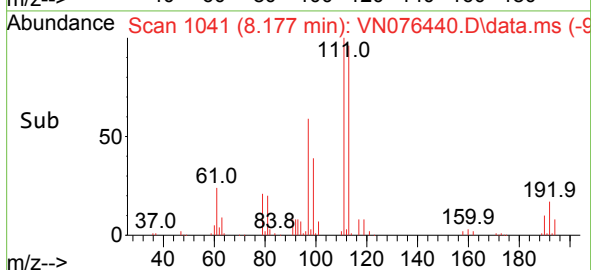
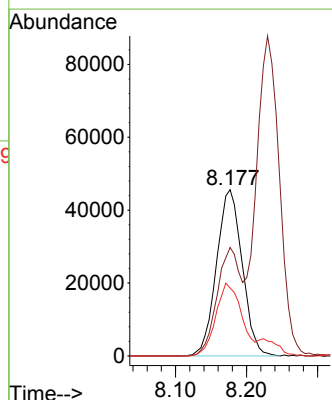
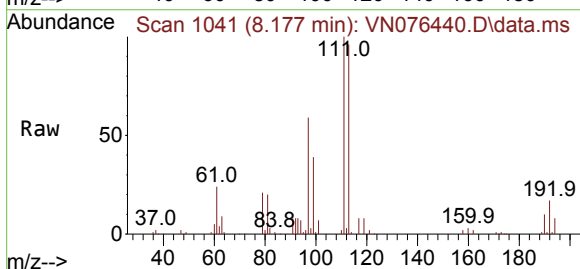
Tgt Ion: 97 Resp: 114599

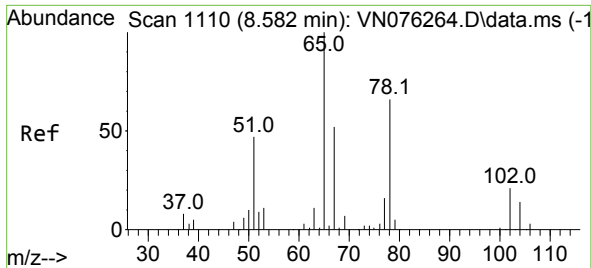
Ion Ratio Lower Upper

97 100

99 59.3 55.0 82.4

61 44.1 36.2 54.4

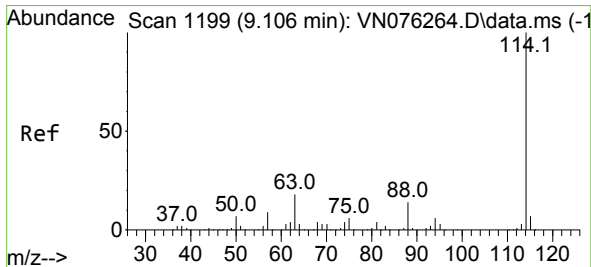
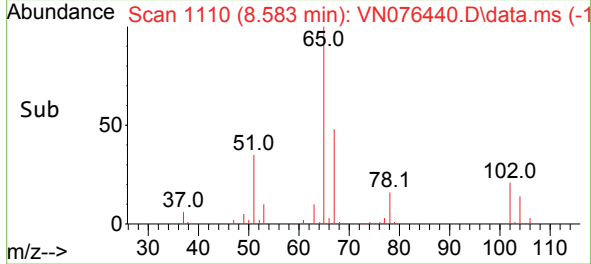
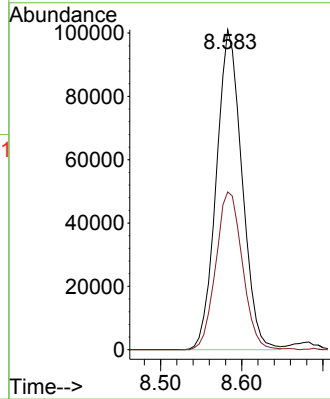
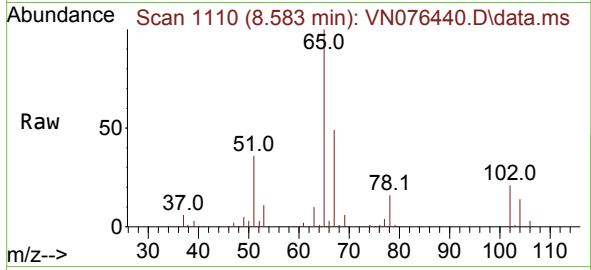




#33
1,2-Dichloroethane-d4
Concen: 58.893 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

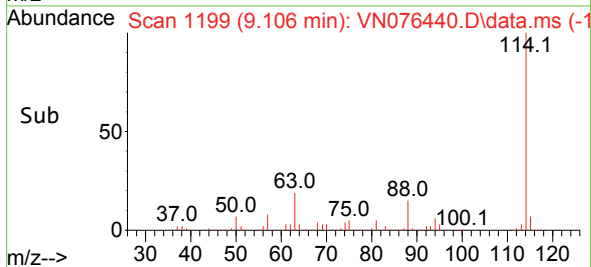
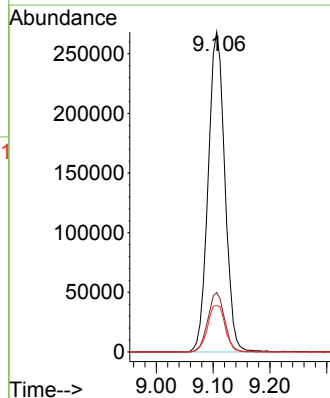
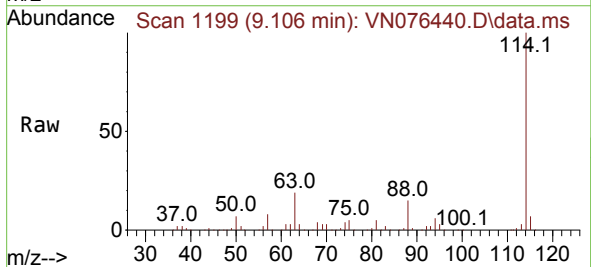
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

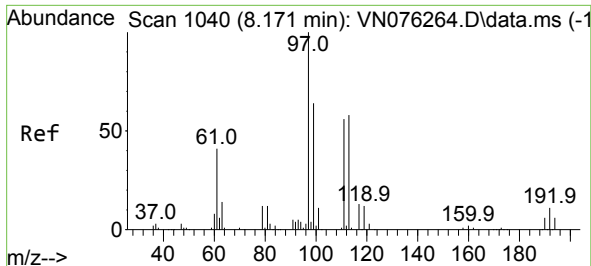
Tgt Ion: 65 Resp: 222133
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 114 Resp: 545665
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.8
88 14.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 54.707 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

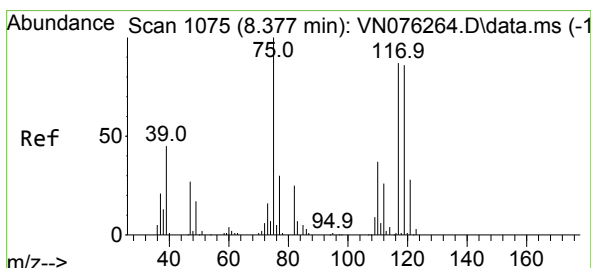
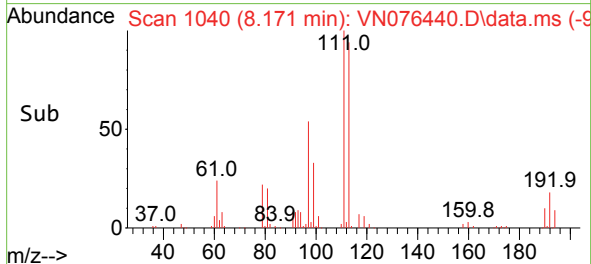
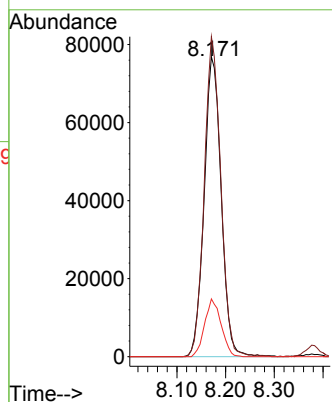
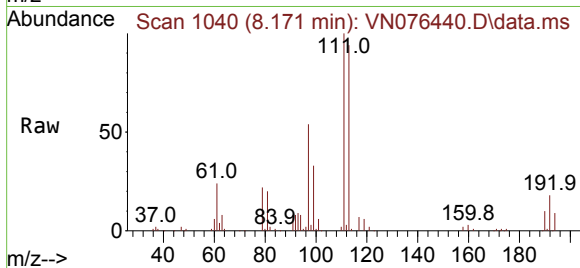
Tgt Ion:113 Resp: 186736

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 18.6 15.6 23.4



#36

1,1-Dichloropropene

Concen: 17.634 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

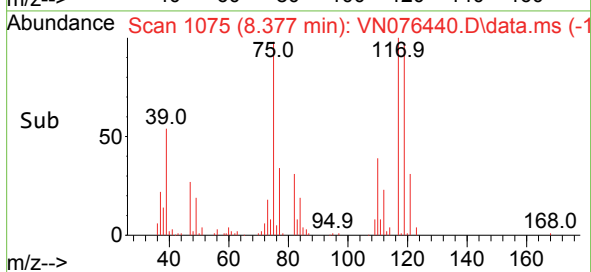
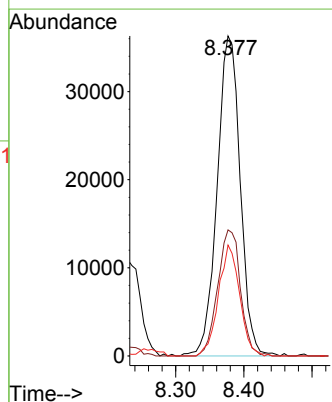
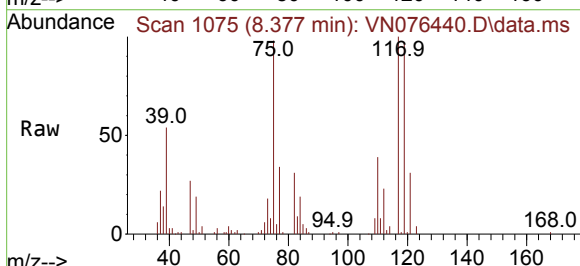
Tgt Ion: 75 Resp: 85528

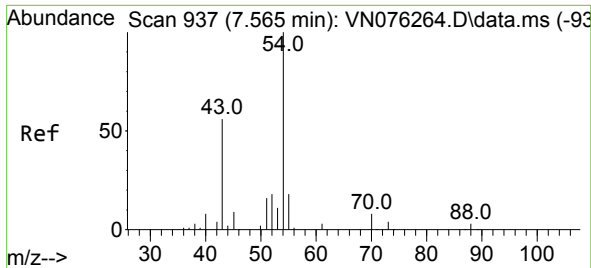
Ion Ratio Lower Upper

75 100

110 38.8 18.8 56.3

77 32.0 25.0 37.4

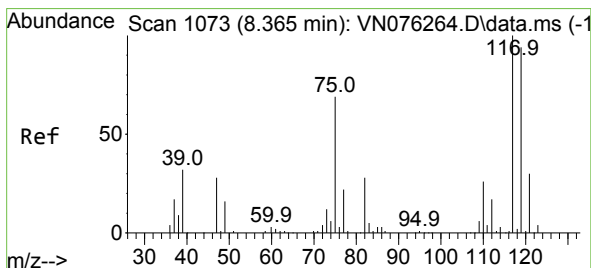
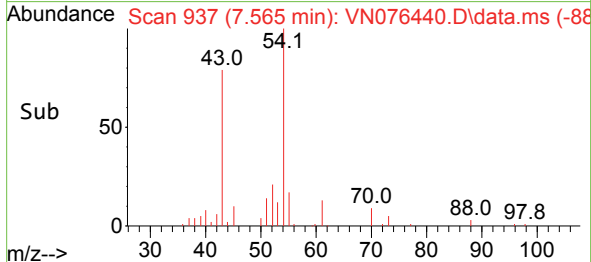
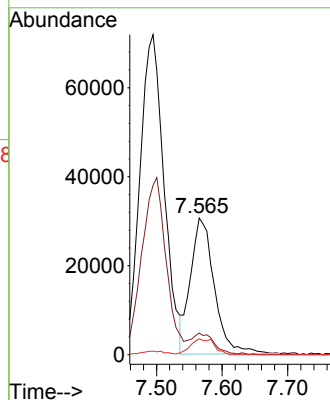
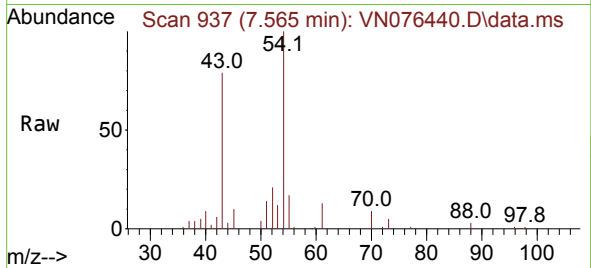




#37
Ethyl Acetate
Concen: 19.953 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

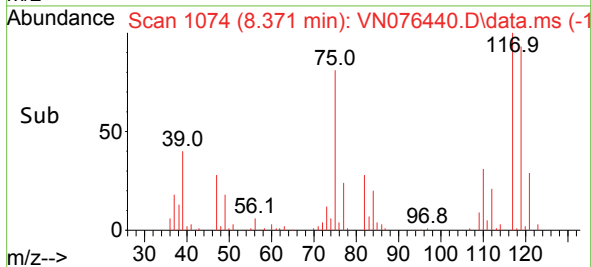
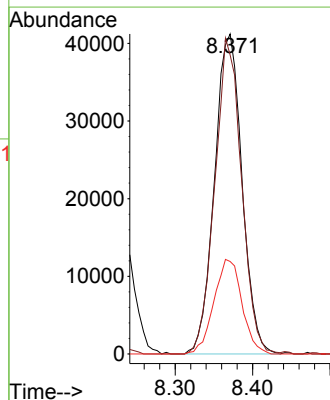
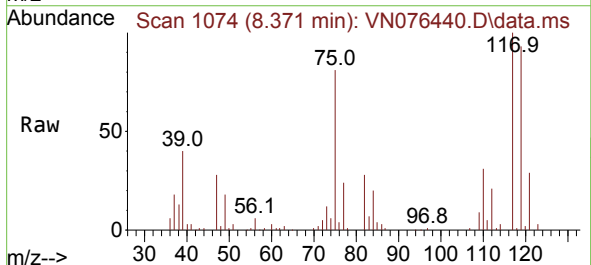
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

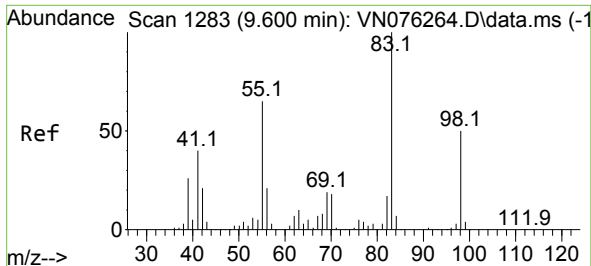
Tgt Ion: 43 Resp: 77538
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 18.828 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 117 Resp: 101840
Ion Ratio Lower Upper
117 100
119 93.5 75.4 113.0
121 28.9 24.2 36.2

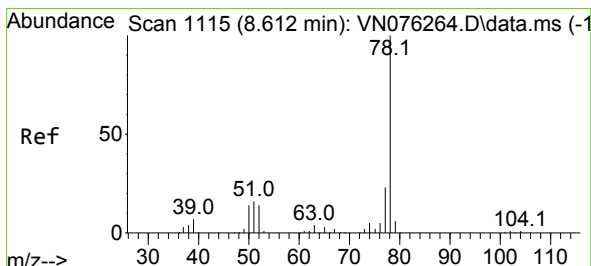
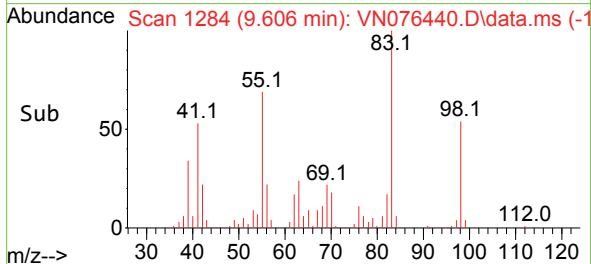
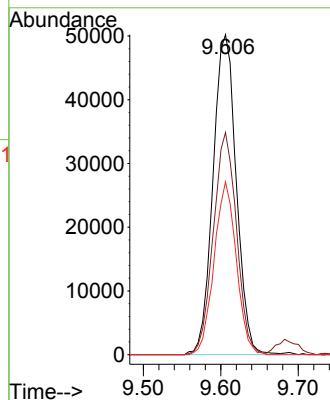
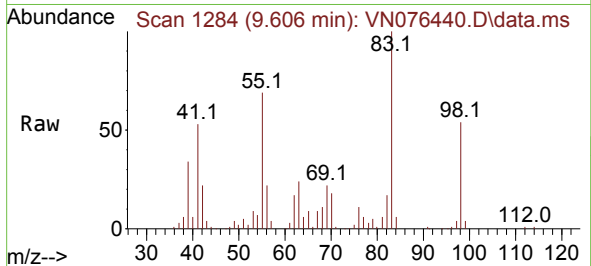




#39
Methylcyclohexane
Concen: 17.686 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

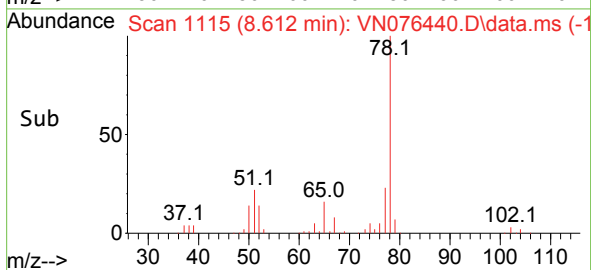
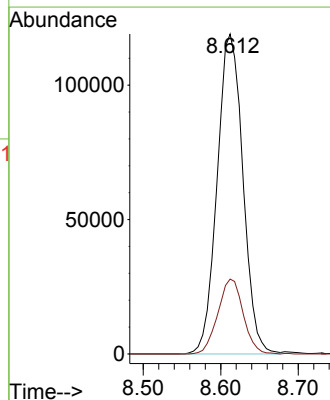
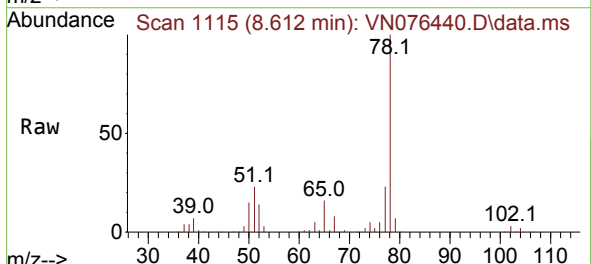
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

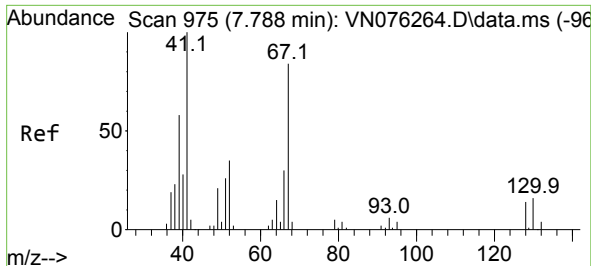
Tgt Ion: 83 Resp: 104754
Ion Ratio Lower Upper
83 100
55 69.5 51.7 77.5
98 54.0 40.0 60.0



#40
Benzene
Concen: 18.961 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 78 Resp: 274996
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

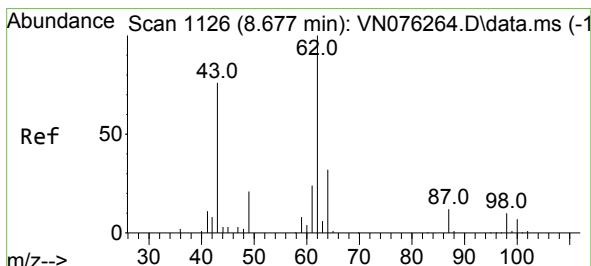
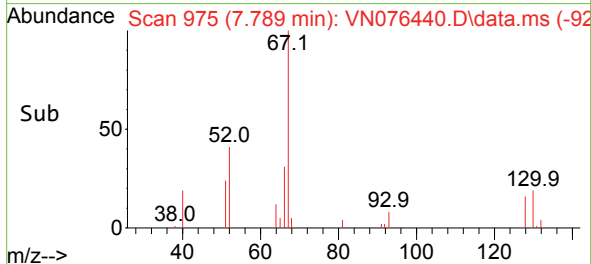
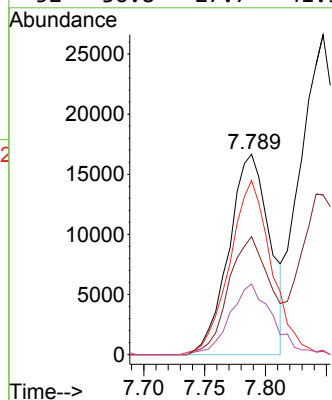
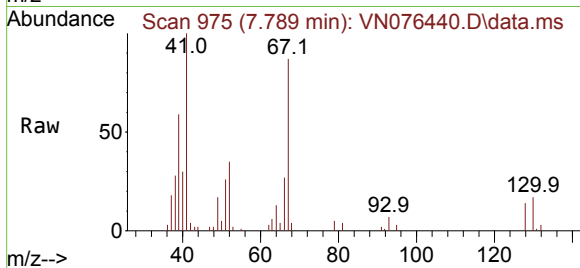




#41
Methacrylonitrile
Concen: 19.174 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

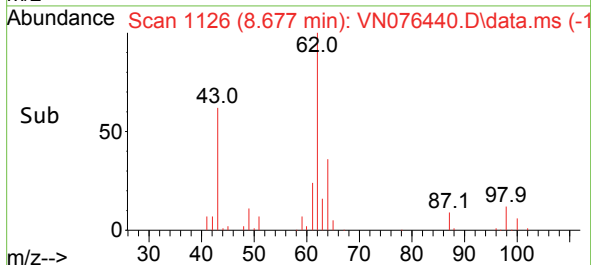
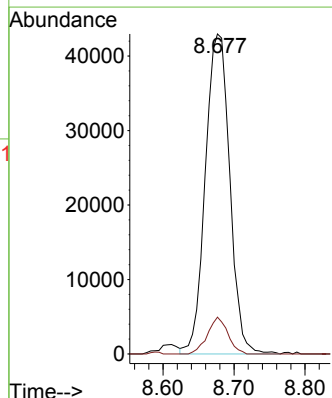
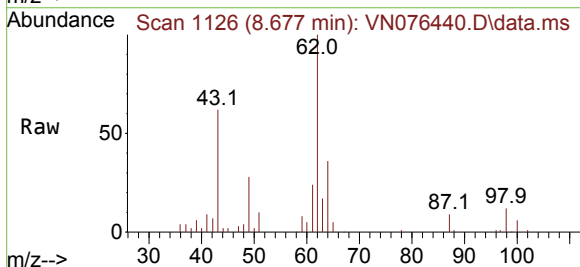
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

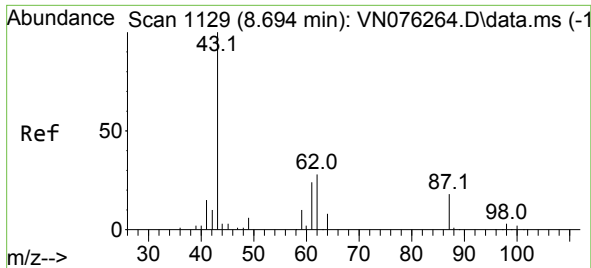
Tgt Ion:	41	Resp:	39057
Ion	Ratio	Lower	Upper
41	100		
39	59.3	42.4	63.6
67	88.9	68.8	103.2
52	36.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.676 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion:	62	Resp:	102597
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4

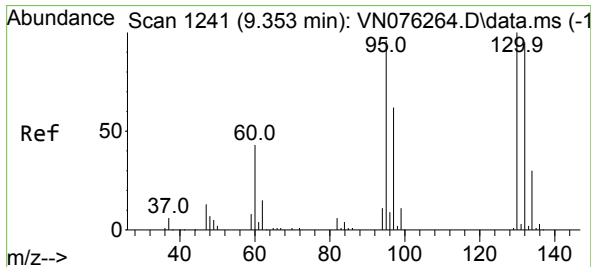
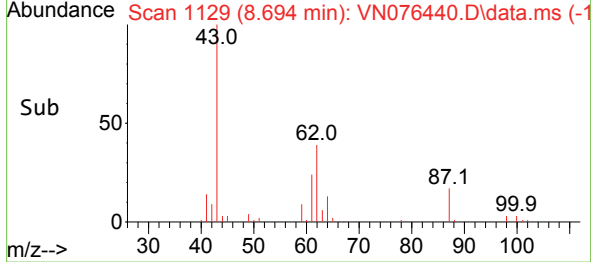
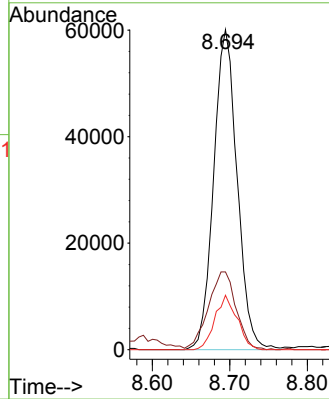
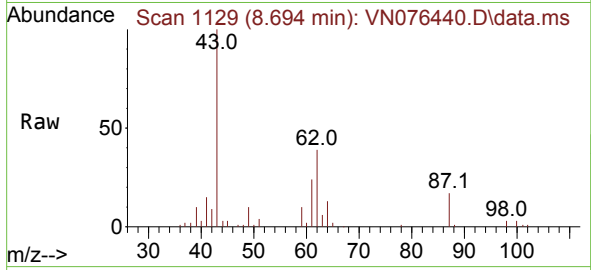




#43
Isopropyl Acetate
Concen: 19.962 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

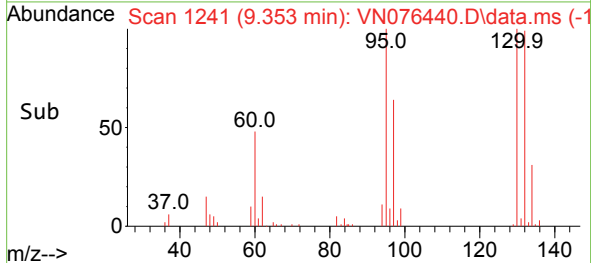
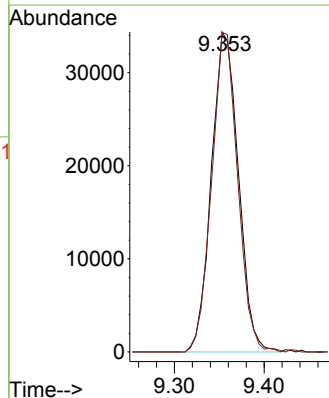
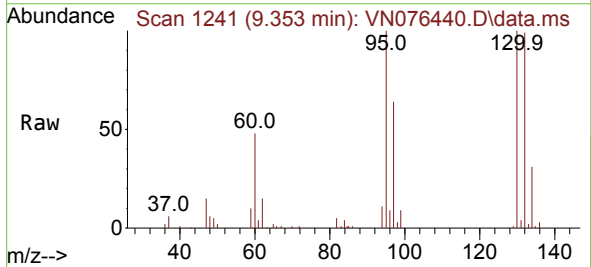
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

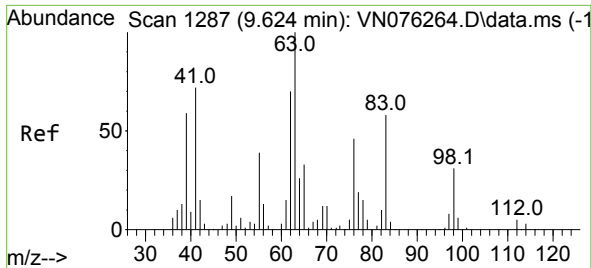
Tgt Ion: 43	Resp: 126336
Ion Ratio	Lower Upper
43	100
61	28.8 23.5 35.3
87	16.0 13.8 20.6



#44
Trichloroethene
Concen: 17.461 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 130	Resp: 71626
Ion Ratio	Lower Upper
130	100
95	99.9 0.0 192.0

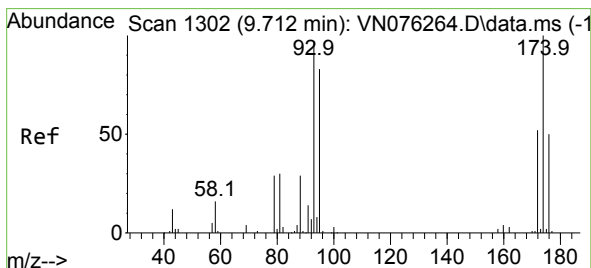
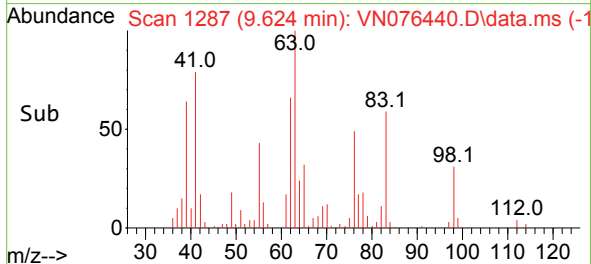
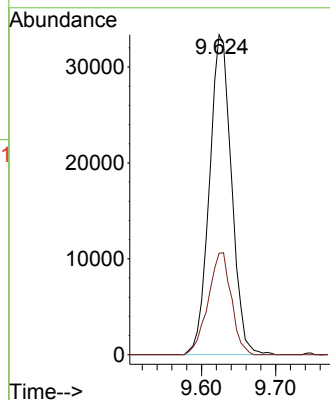
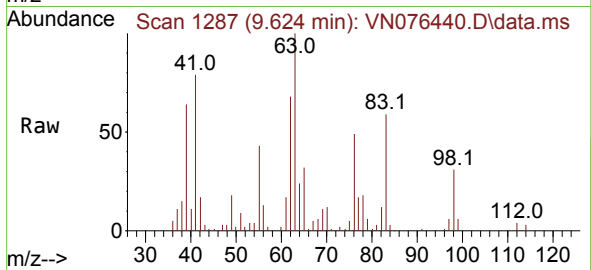




#45
1,2-Dichloropropane
Concen: 19.890 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

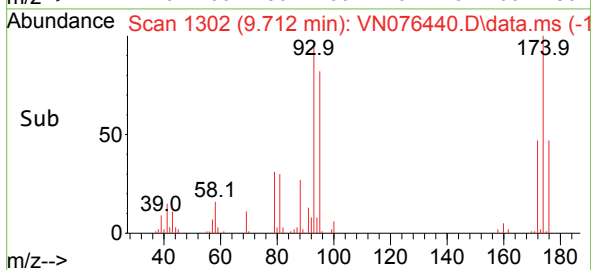
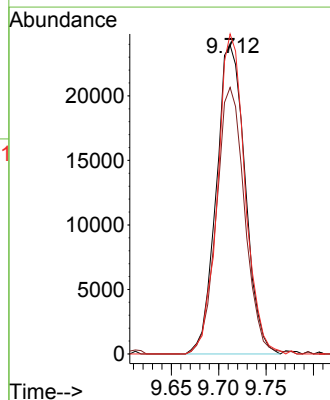
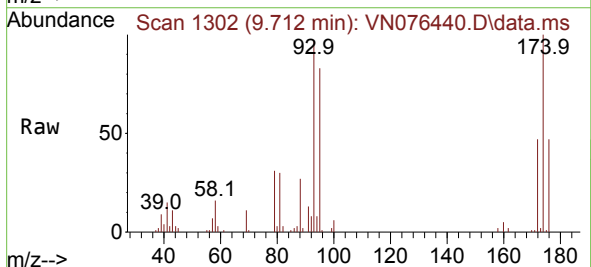
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

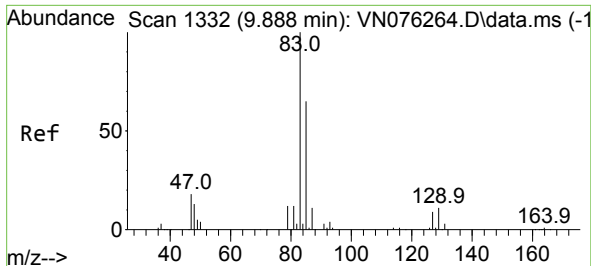
Tgt Ion: 63 Resp: 69066
Ion Ratio Lower Upper
63 100
65 31.7 26.4 39.6



#46
Dibromomethane
Concen: 19.339 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 93 Resp: 50702
Ion Ratio Lower Upper
93 100
95 84.4 66.0 99.0
174 98.4 81.3 121.9

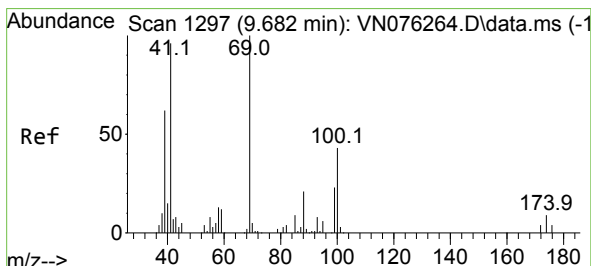
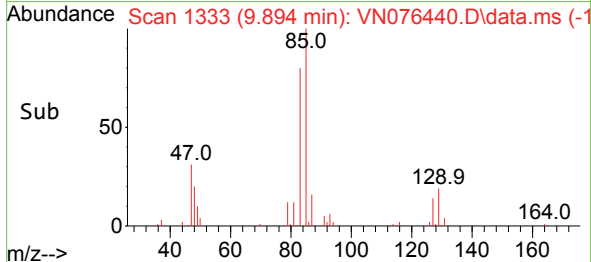
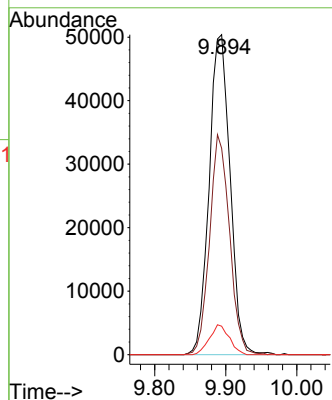
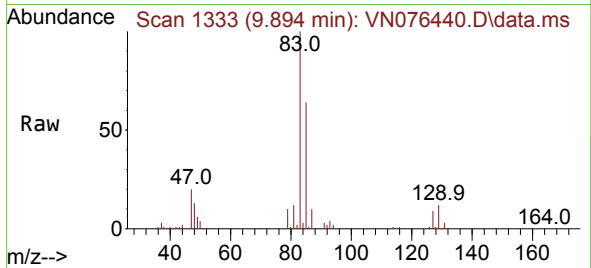




#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

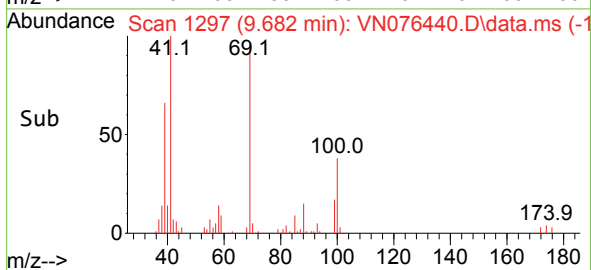
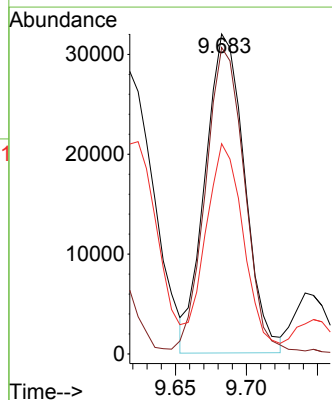
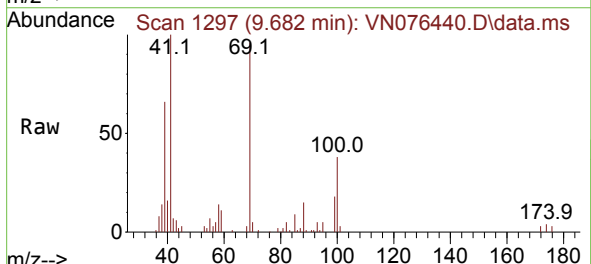
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

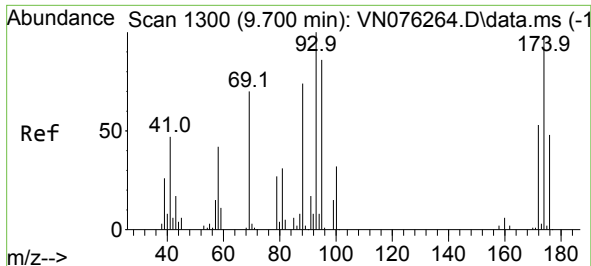
Tgt Ion: 83 Resp: 103085
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.675 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 41 Resp: 61946
Ion Ratio Lower Upper
41 100
69 96.0 80.8 121.2
39 64.7 54.4 81.6





#49

1,4-Dioxane

Concen: 372.167 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

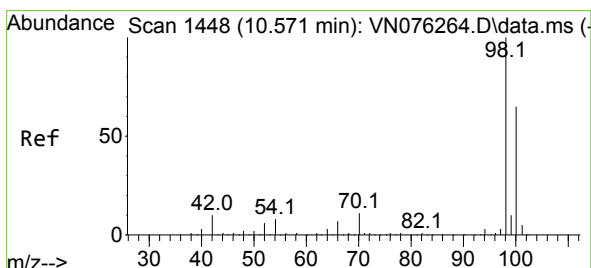
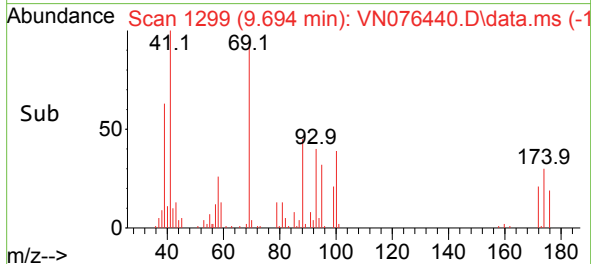
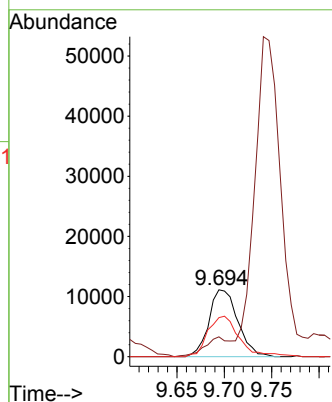
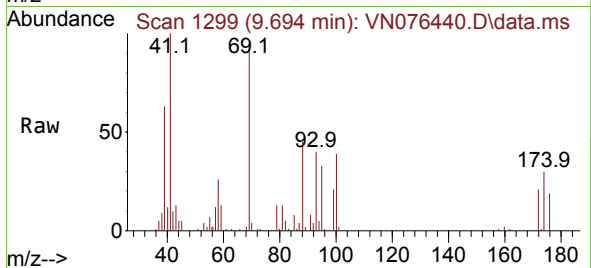
Tgt Ion: 88 Resp: 23529

Ion Ratio Lower Upper

88 100

43 24.7 18.1 27.1

58 66.2 46.5 69.7



#50

Toluene-d8

Concen: 53.938 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076440.D

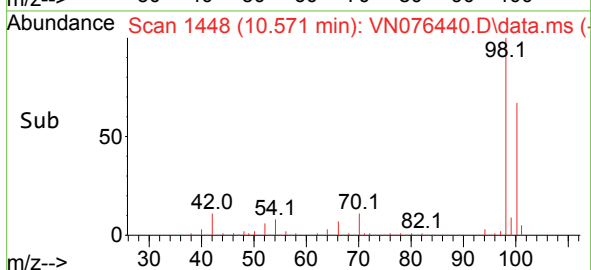
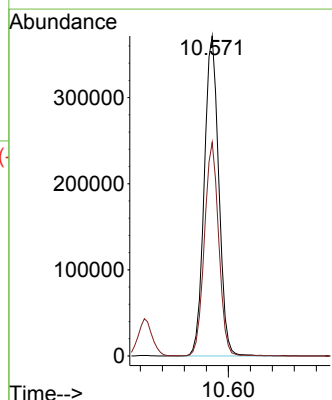
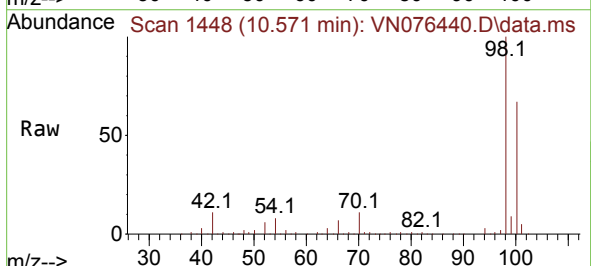
Acq: 27 Jan 2023 15:34

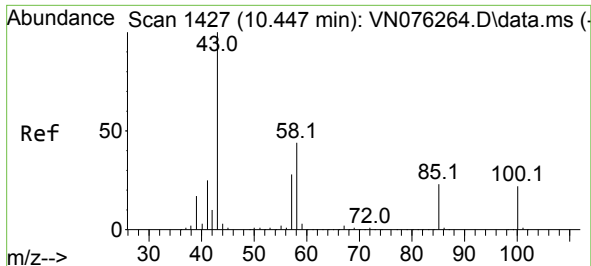
Tgt Ion: 98 Resp: 679936

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 103.780 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

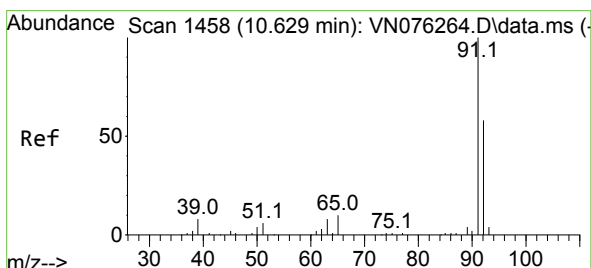
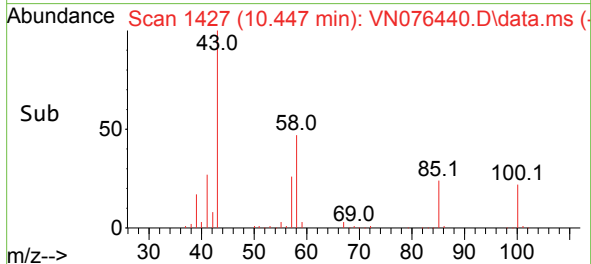
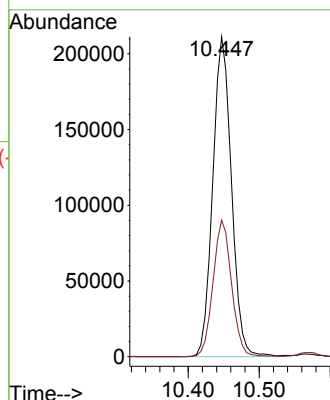
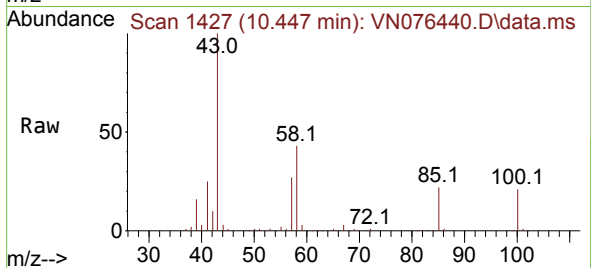
VN0127MBS01

Tgt Ion: 43 Resp: 385574

Ion Ratio Lower Upper

43 100

58 42.3 35.1 52.7



#52

Toluene

Concen: 18.647 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN076440.D

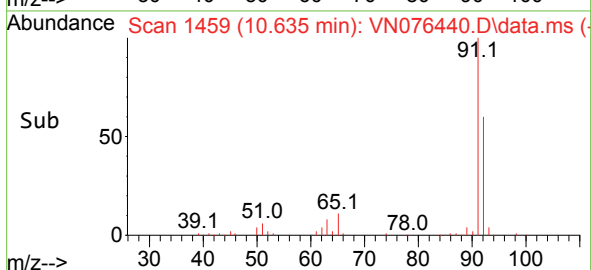
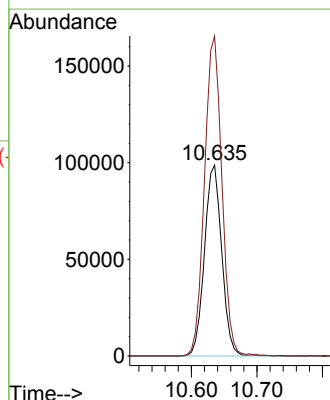
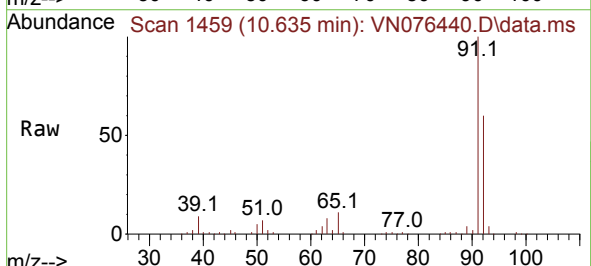
Acq: 27 Jan 2023 15:34

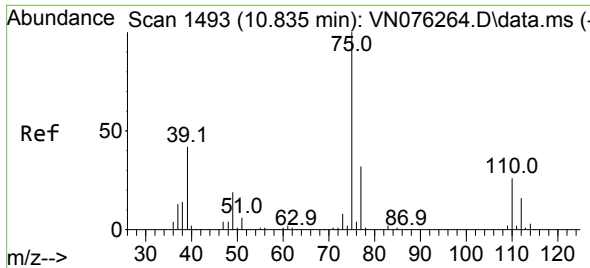
Tgt Ion: 92 Resp: 180852

Ion Ratio Lower Upper

92 100

91 169.2 136.6 205.0

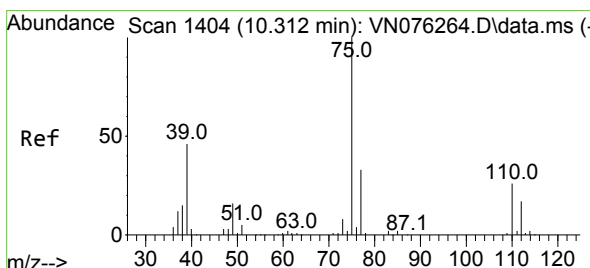
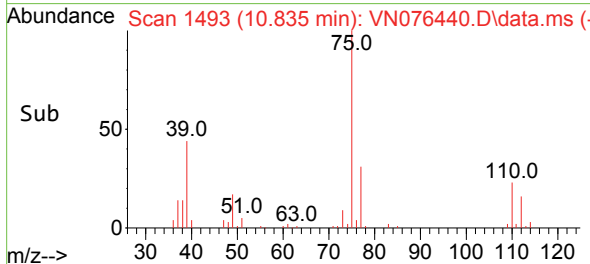
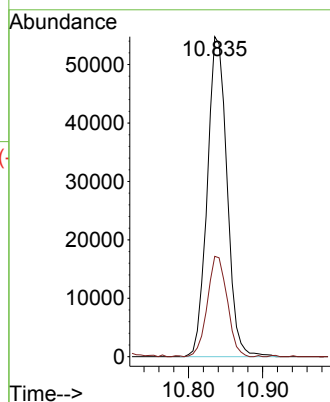
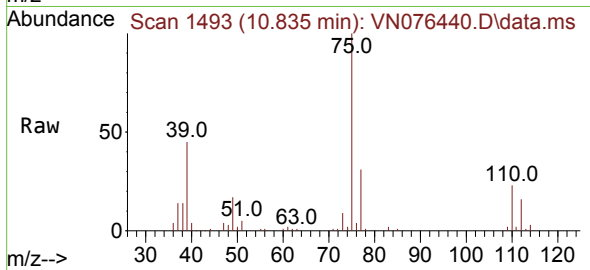




#53
 t-1,3-Dichloropropene
 Concen: 20.915 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

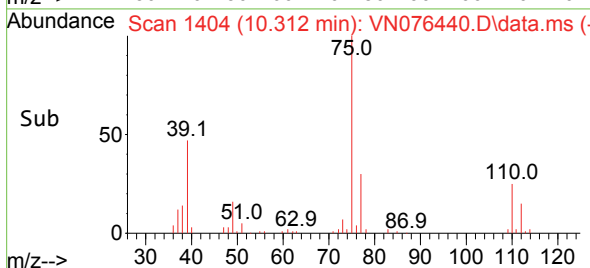
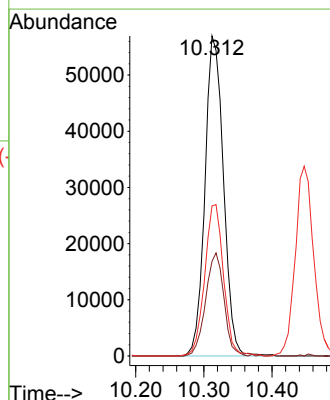
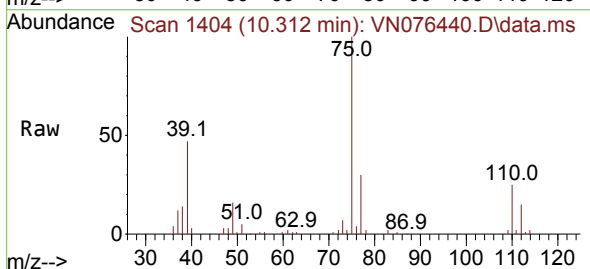
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

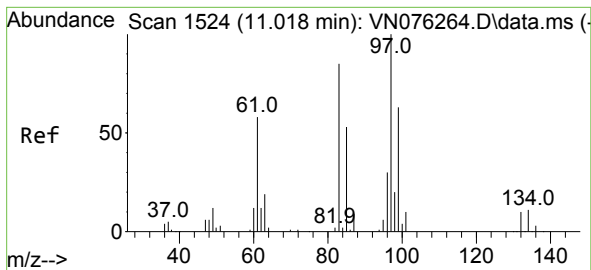
Tgt Ion: 75 Resp: 101379
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.329 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

Tgt Ion: 75 Resp: 107788
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.5 39.7
 39 46.9 37.1 55.7

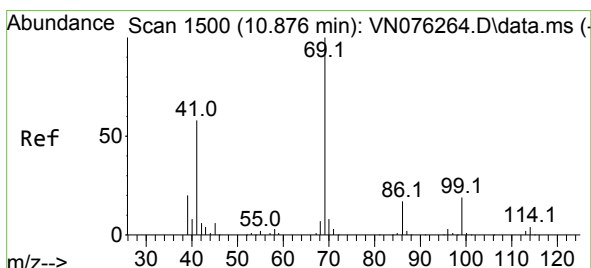
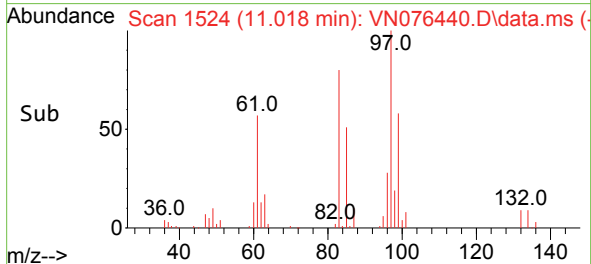
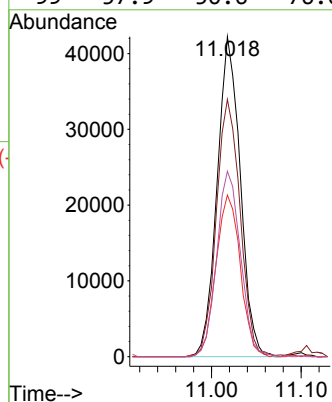
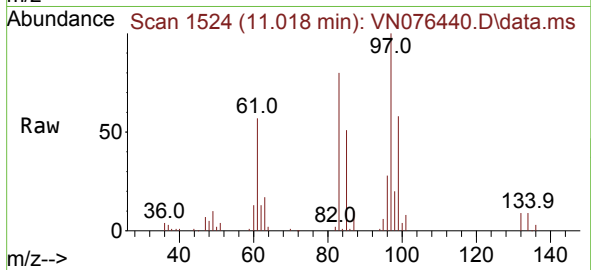




#55
1,1,2-Trichloroethane
Concen: 20.370 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

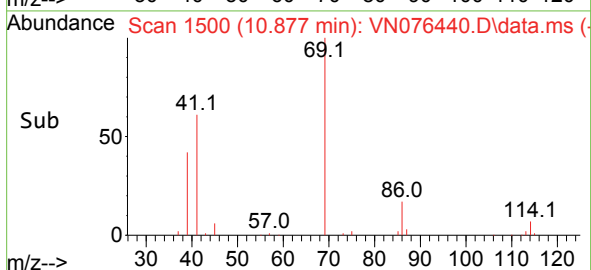
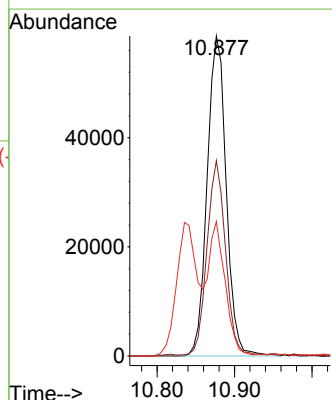
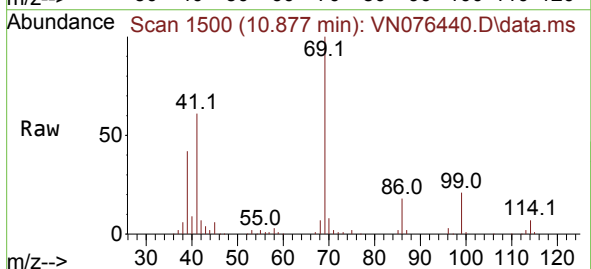
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

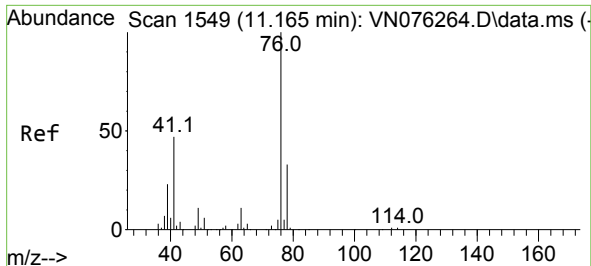
Tgt Ion: 97	Resp: 75518
Ion Ratio	Lower Upper
97 100	
83 80.4	67.8 101.6
85 50.5	42.3 63.5
99 57.9	50.6 76.0



#56
Ethyl methacrylate
Concen: 20.941 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 69	Resp: 100227
Ion Ratio	Lower Upper
69 100	
41 58.7	45.3 67.9
39 36.7	29.3 43.9





#57

1,3-Dichloropropane

Concen: 20.297 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

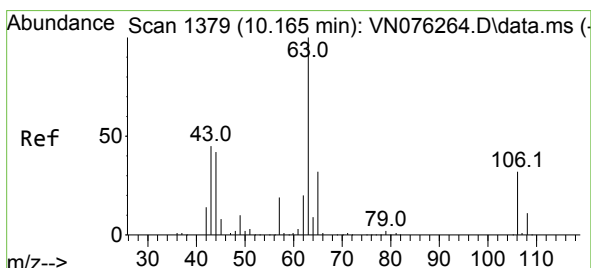
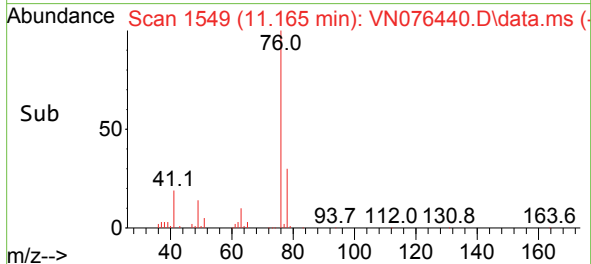
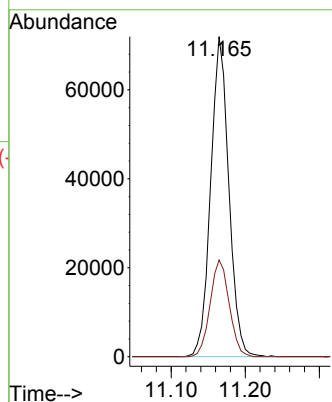
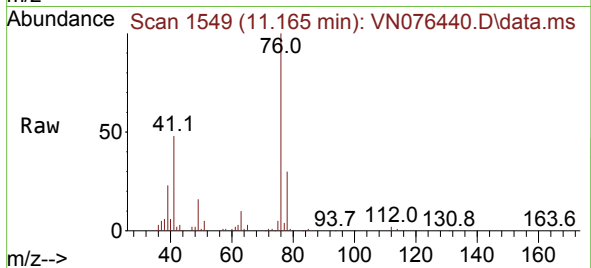
VN0127MBS01

Tgt Ion: 76 Resp: 122278

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.109 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076440.D

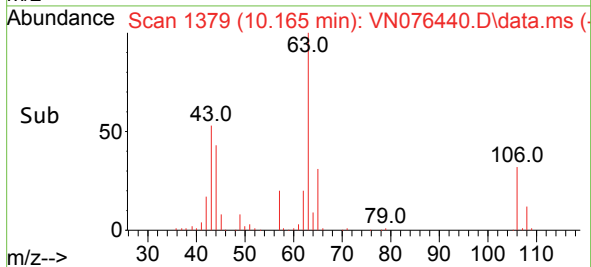
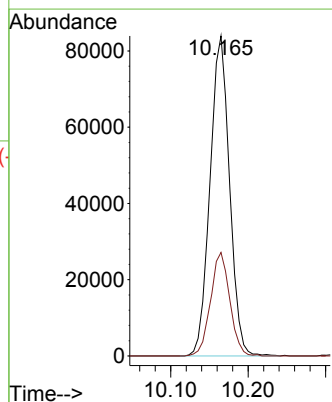
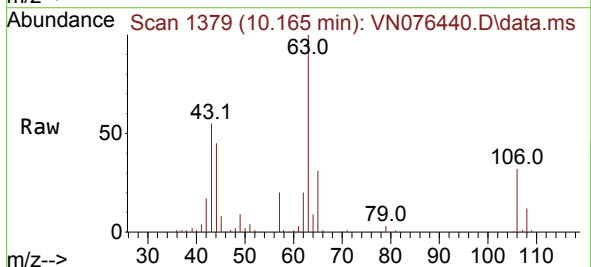
Acq: 27 Jan 2023 15:34

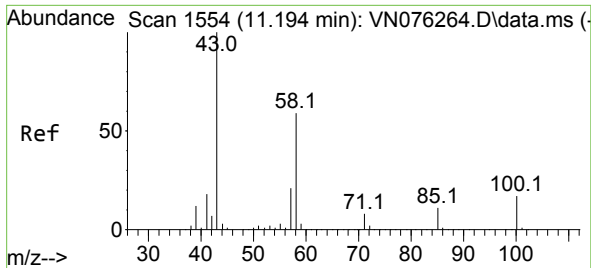
Tgt Ion: 63 Resp: 147209

Ion Ratio Lower Upper

63 100

106 31.9 26.2 39.2

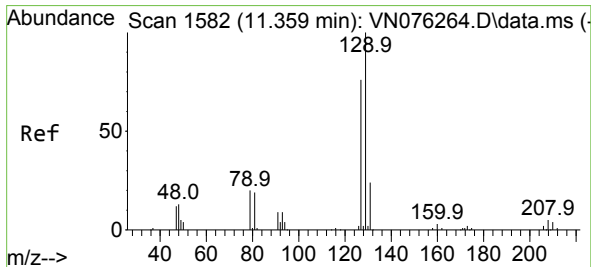
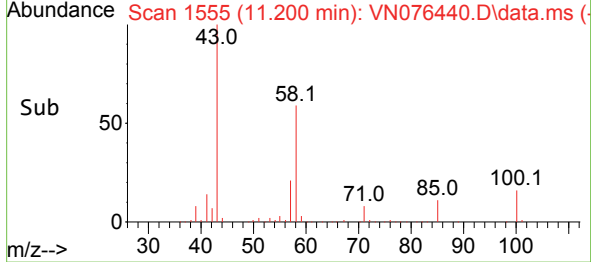
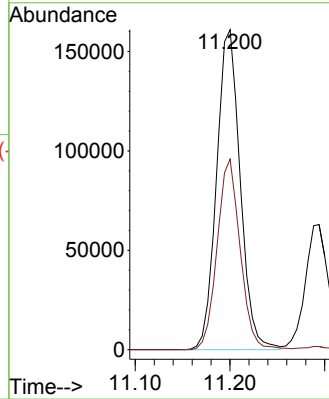
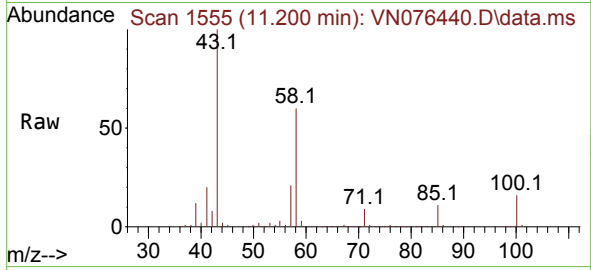




#59
2-Hexanone
Concen: 103.706 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

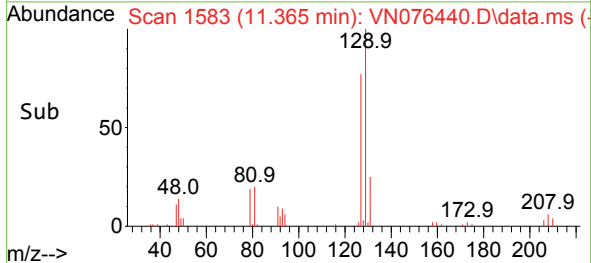
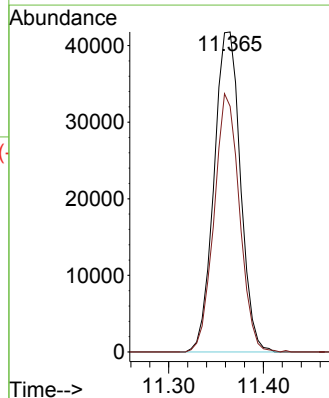
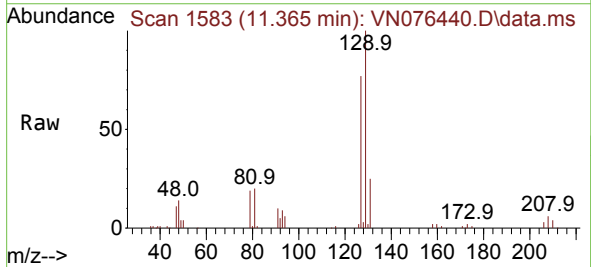
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

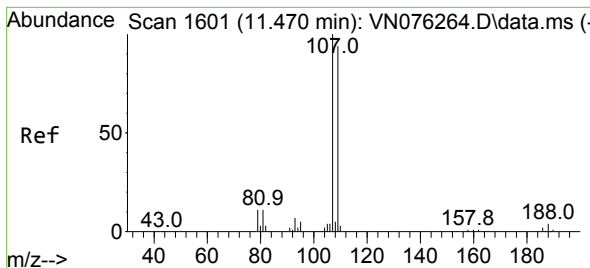
Tgt Ion: 43 Resp: 279209
Ion Ratio Lower Upper
43 100
58 58.0 30.1 90.3



#60
Dibromochloromethane
Concen: 20.731 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 129 Resp: 80902
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.653 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

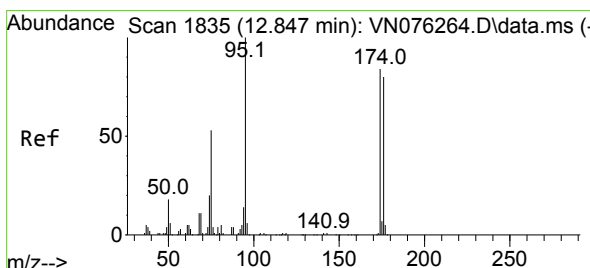
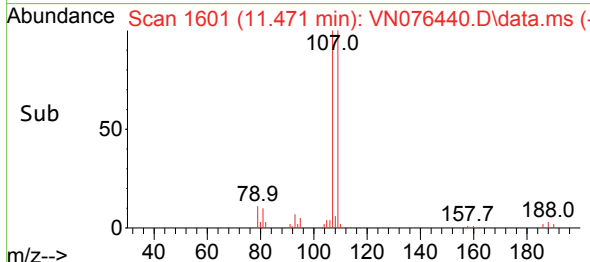
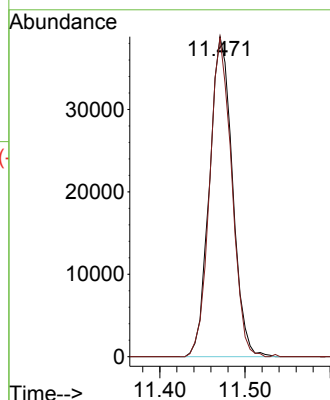
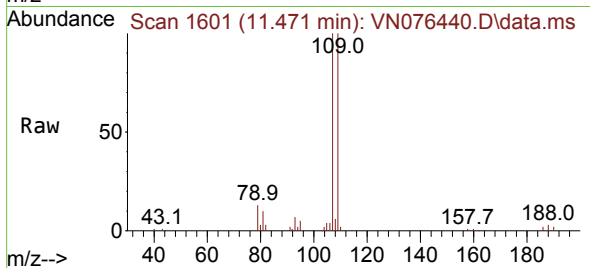
VN0127MBSD01

Tgt Ion:107 Resp: 72724

Ion Ratio Lower Upper

107 100

109 95.4 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 58.272 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

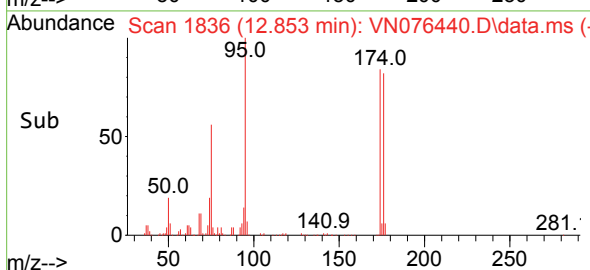
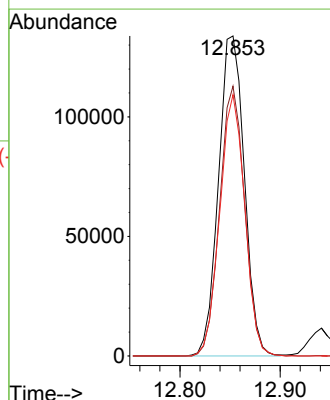
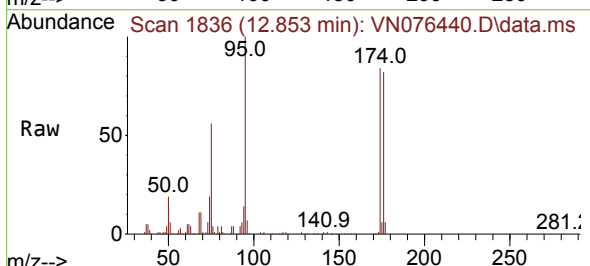
Tgt Ion: 95 Resp: 239806

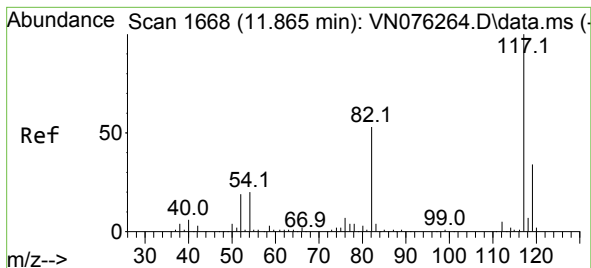
Ion Ratio Lower Upper

95 100

174 81.2 0.0 174.6

176 79.0 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

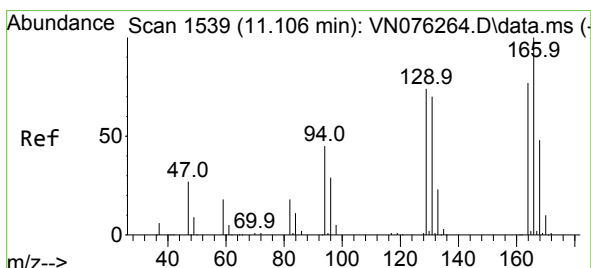
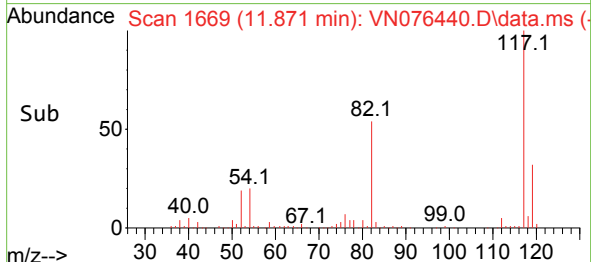
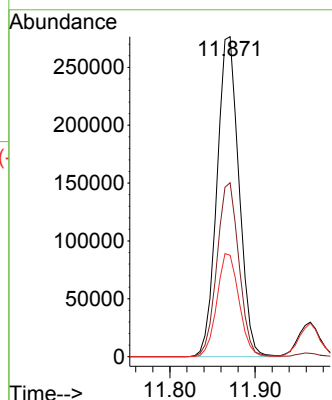
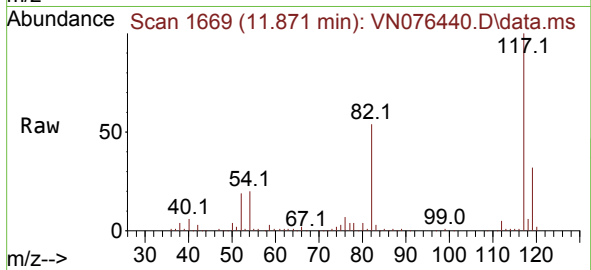
Tgt Ion:117 Resp: 495882

Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.2

119 31.7 26.9 40.3



#64

Tetrachloroethene

Concen: 16.450 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Tgt Ion:164 Resp: 73563

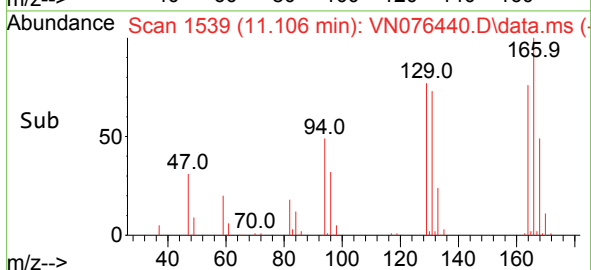
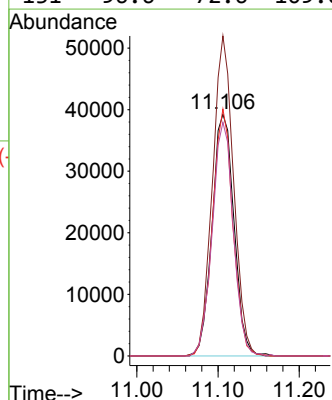
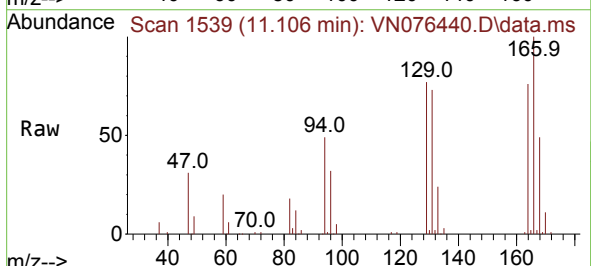
Ion Ratio Lower Upper

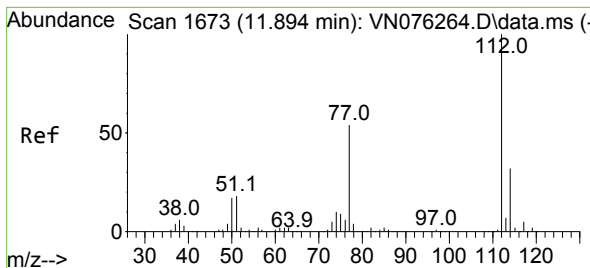
164 100

166 132.4 104.0 156.0

129 102.1 76.6 114.8

131 96.6 72.6 109.0

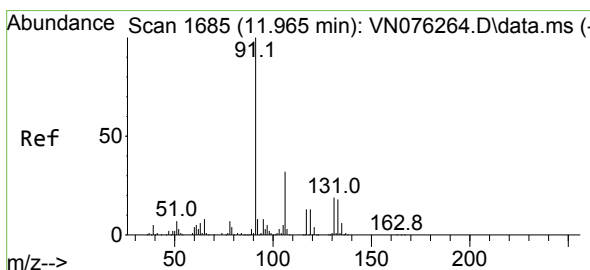
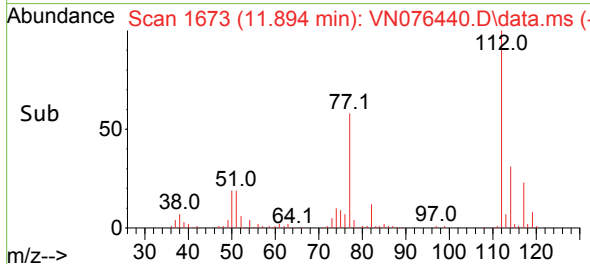
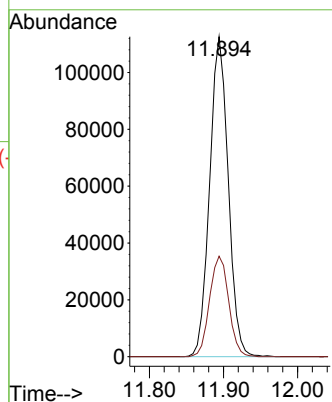
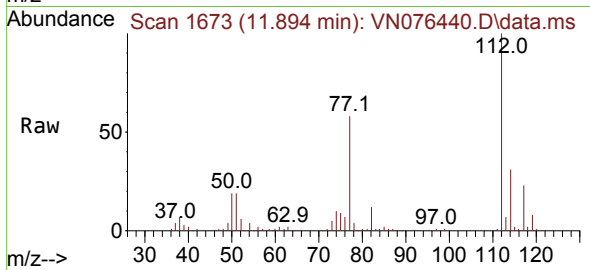




#65
Chlorobenzene
Concen: 18.702 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

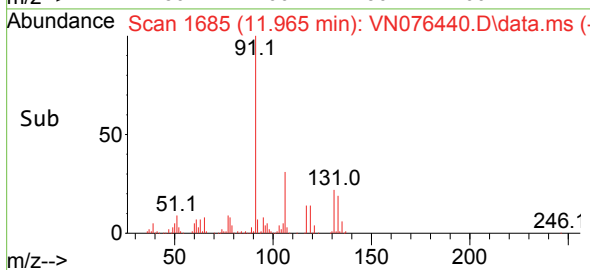
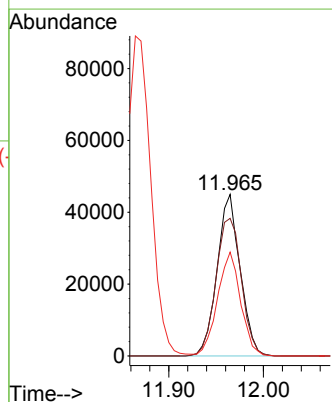
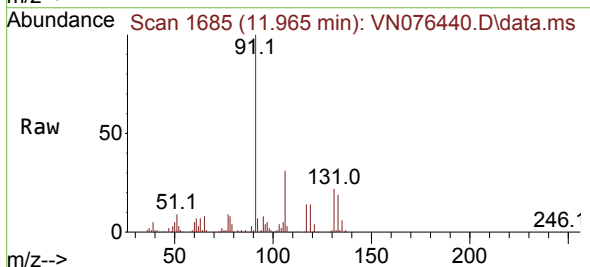
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

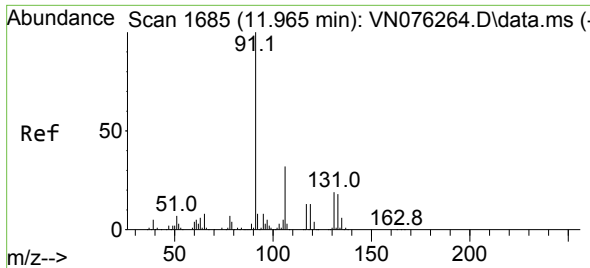
Tgt Ion:112 Resp: 196038
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.483 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion:131 Resp: 75987
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 64.8 32.3 96.8

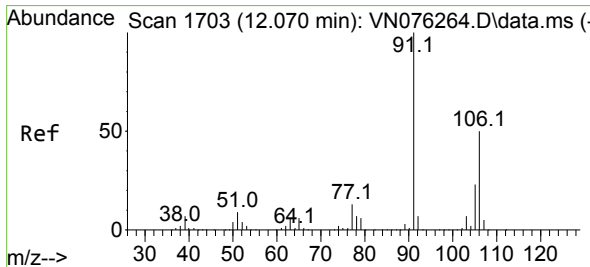
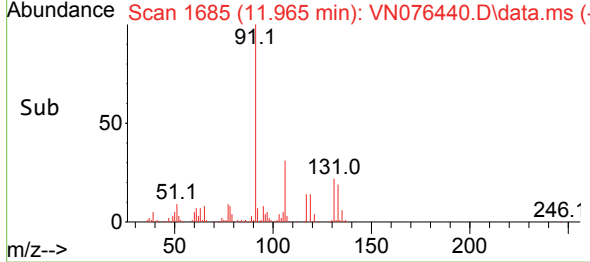
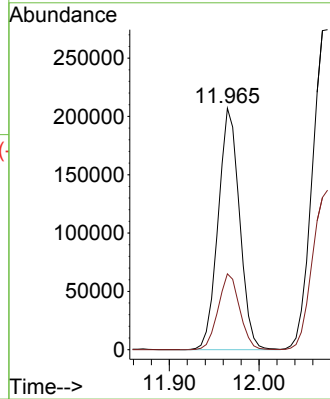
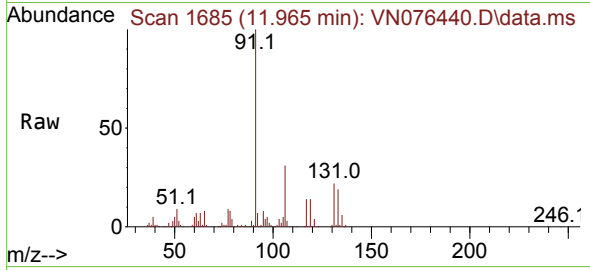




#67
Ethyl Benzene
Concen: 19.102 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

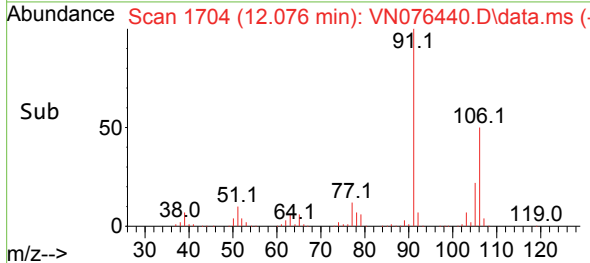
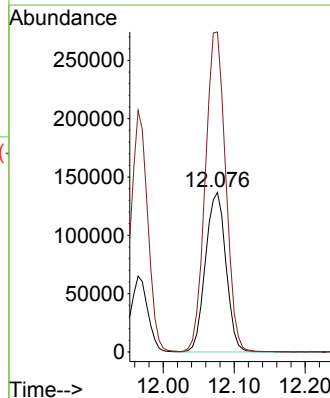
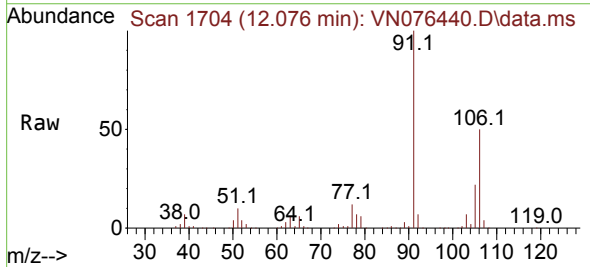
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

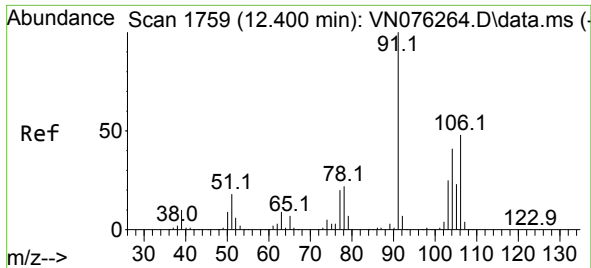
Tgt Ion: 91 Resp: 342690
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 38.092 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 106 Resp: 274026
Ion Ratio Lower Upper
106 100
91 199.1 157.5 236.3

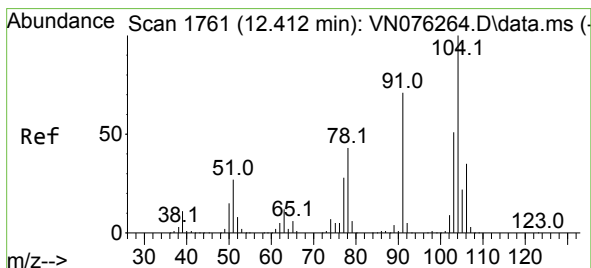
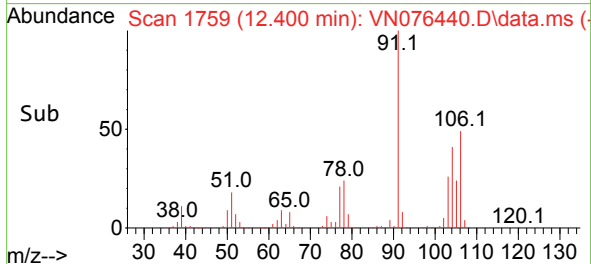
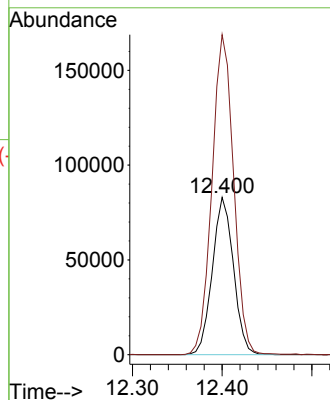
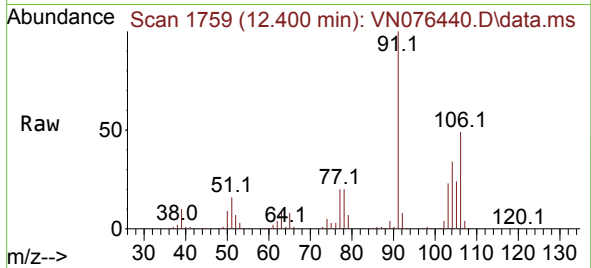




#69
o-Xylene
Concen: 19.232 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

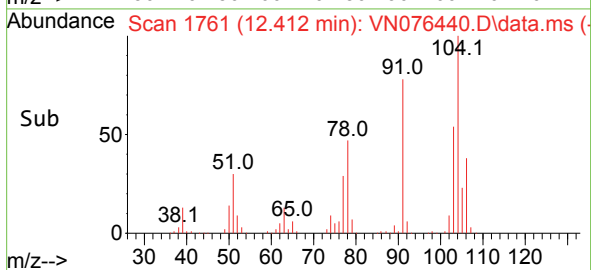
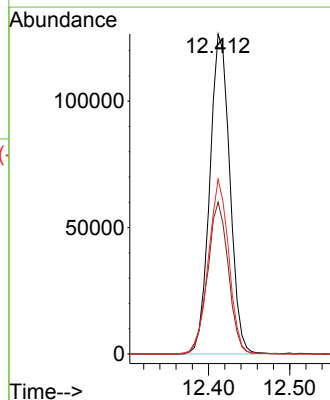
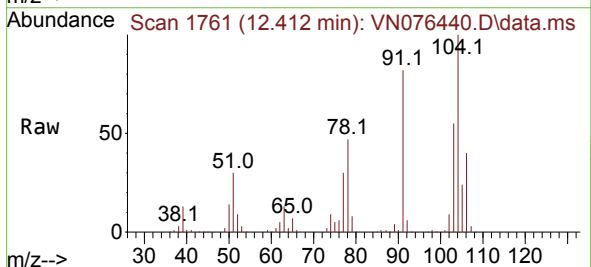
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

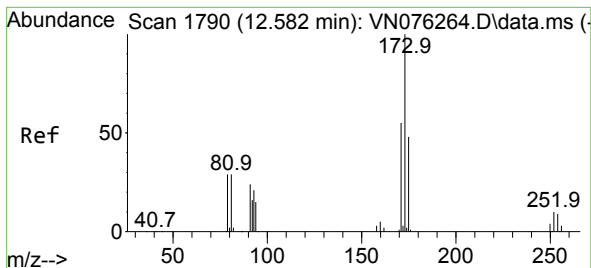
Tgt Ion:106 Resp: 135863
Ion Ratio Lower Upper
106 100
91 208.4 103.2 309.4



#70
Styrene
Concen: 19.242 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion:104 Resp: 217056
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.875 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

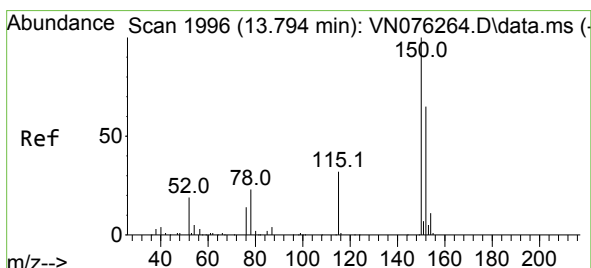
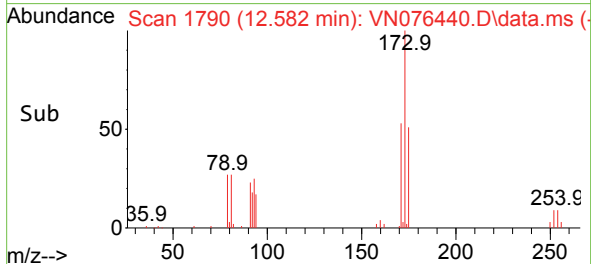
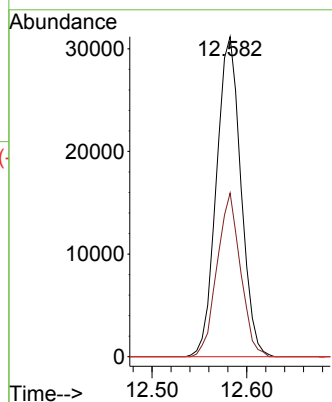
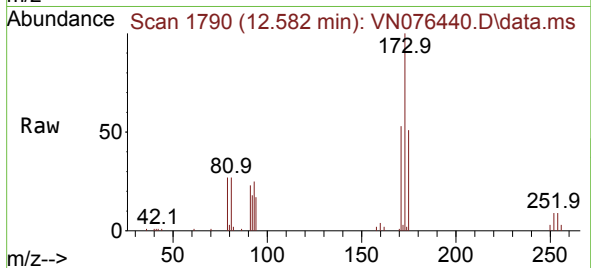
Tgt Ion:173 Resp: 55979

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

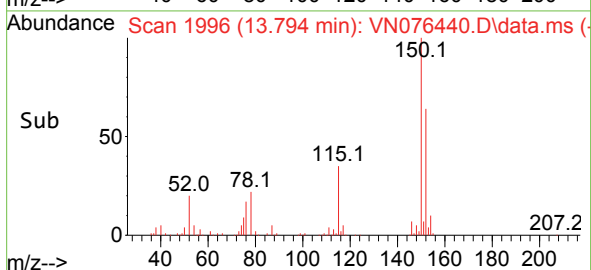
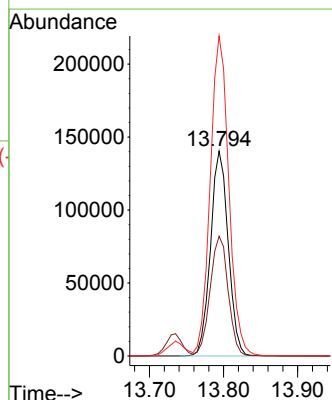
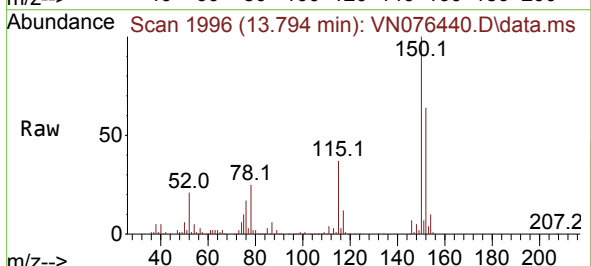
Tgt Ion:152 Resp: 233246

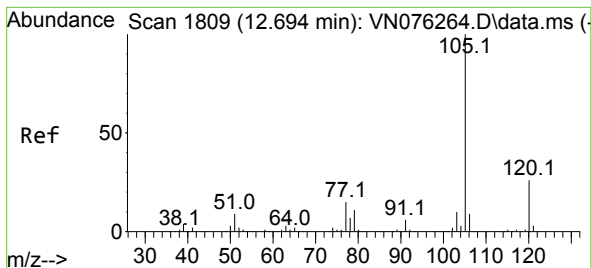
Ion Ratio Lower Upper

152 100

115 59.4 29.6 88.9

150 163.6 0.0 351.4





#73

Isopropylbenzene

Concen: 19.549 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

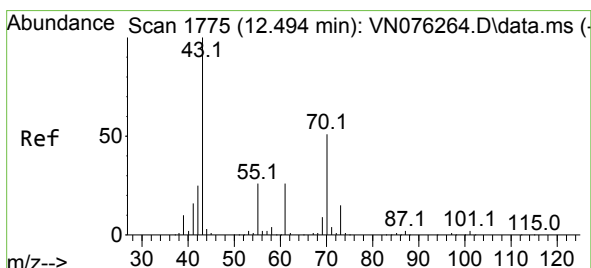
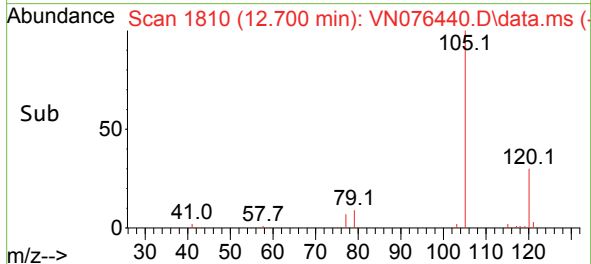
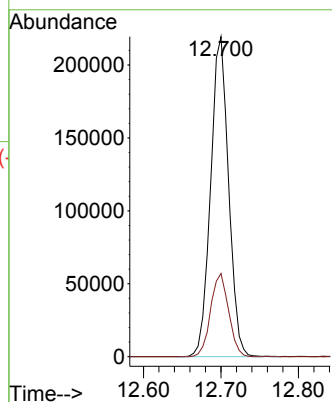
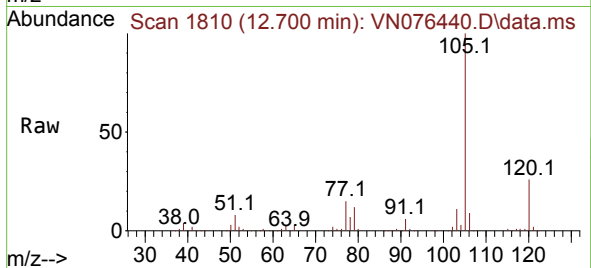
VN0127MBS01

Tgt Ion:105 Resp: 352750

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 20.296 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Tgt Ion: 43 Resp: 105343

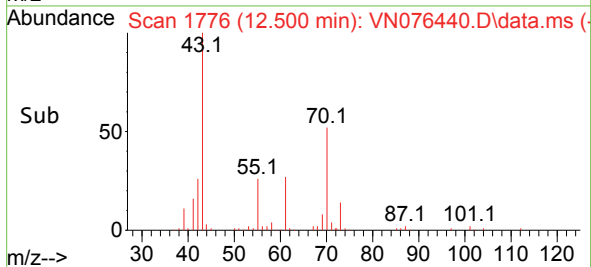
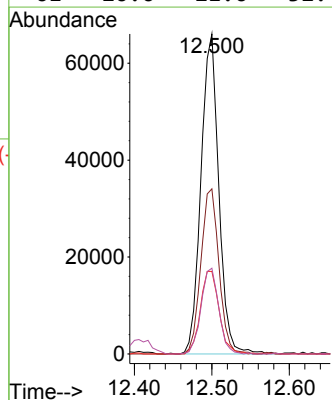
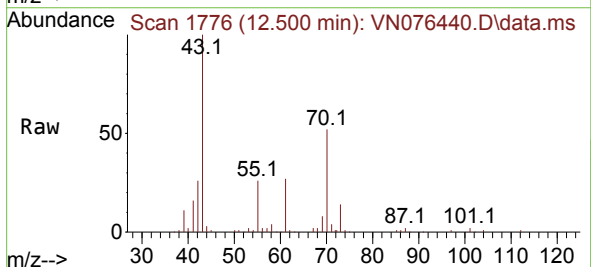
Ion Ratio Lower Upper

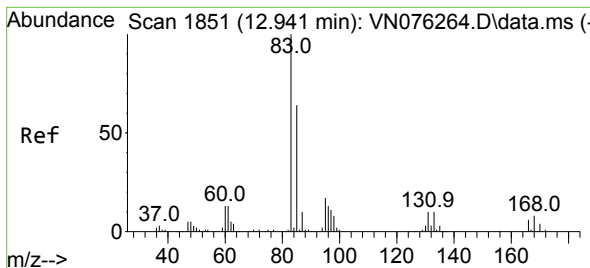
43 100

70 52.4 41.2 61.8

55 27.2 21.0 31.6

61 26.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.061 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

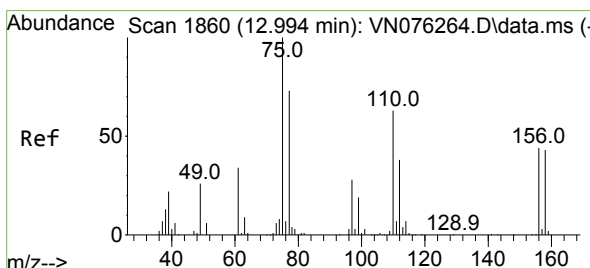
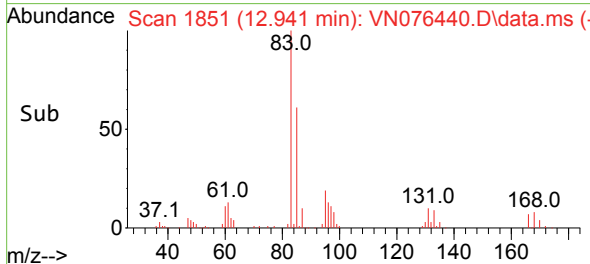
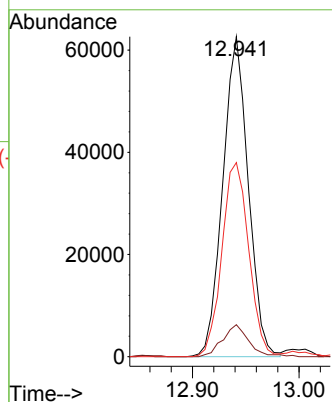
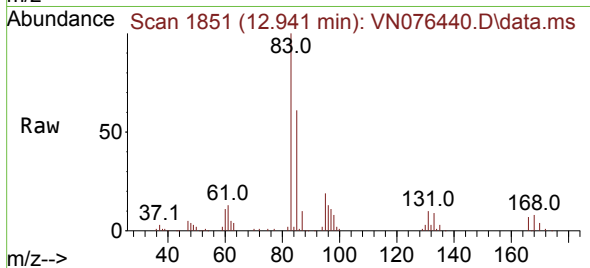
Tgt Ion: 83 Resp: 104059

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

85 63.9 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 28.420 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076440.D

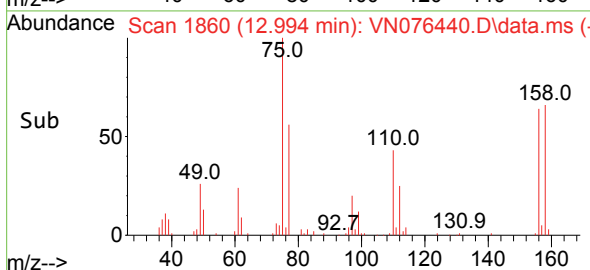
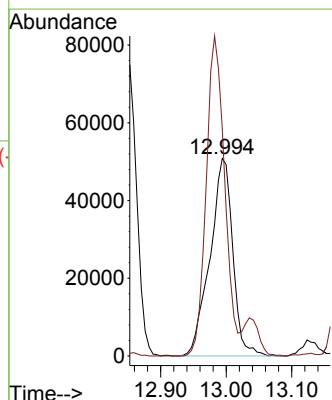
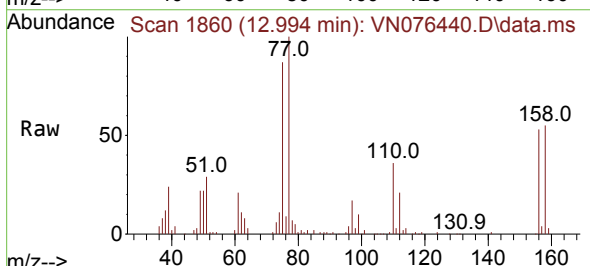
Acq: 27 Jan 2023 15:34

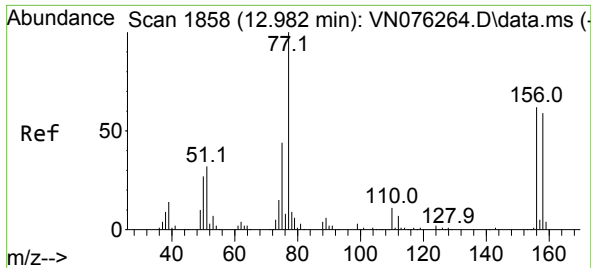
Tgt Ion: 75 Resp: 122500

Ion Ratio Lower Upper

75 100

77 131.2 75.2 225.6

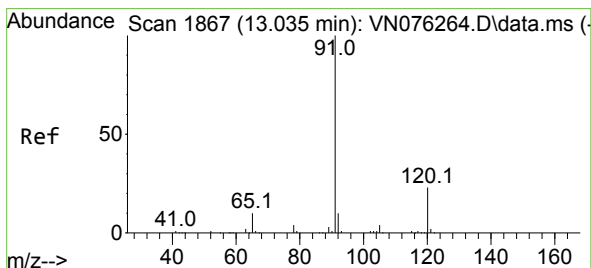
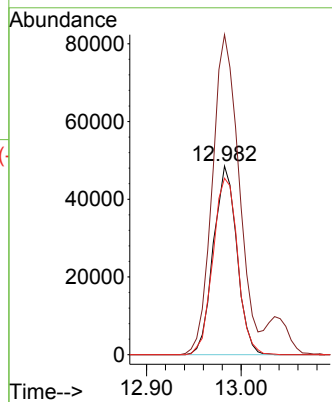
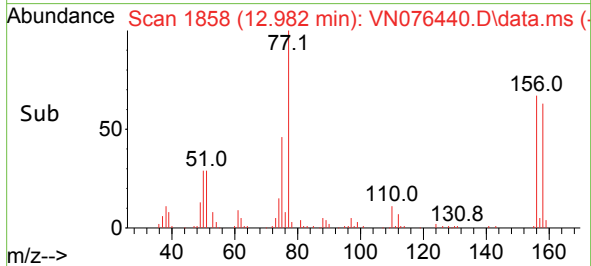
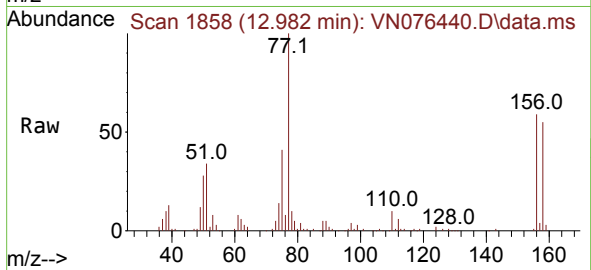




#77
Bromobenzene
Concen: 19.497 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

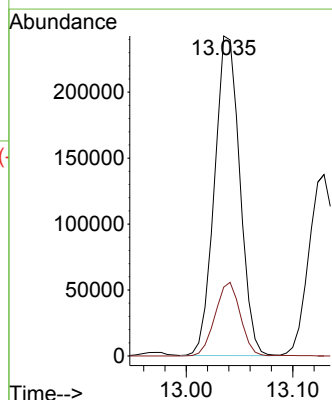
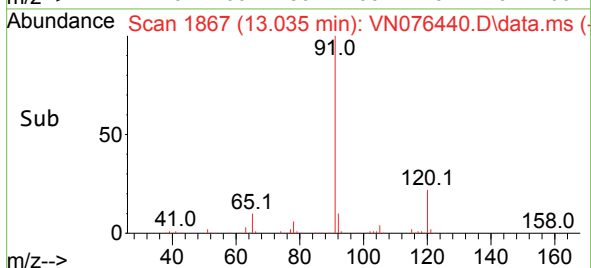
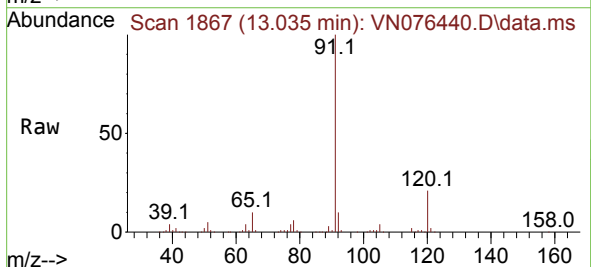
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

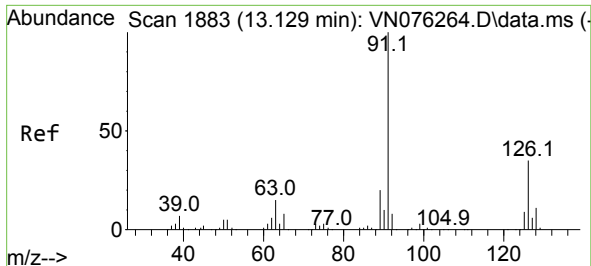
Tgt Ion:156 Resp: 83695
Ion Ratio Lower Upper
156 100
77 192.0 93.4 280.2
158 98.7 48.4 145.2



#78
n-propylbenzene
Concen: 19.611 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 91 Resp: 399273
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5

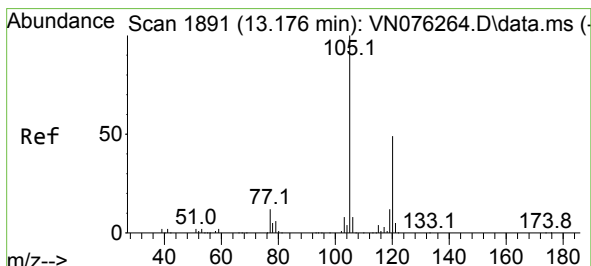
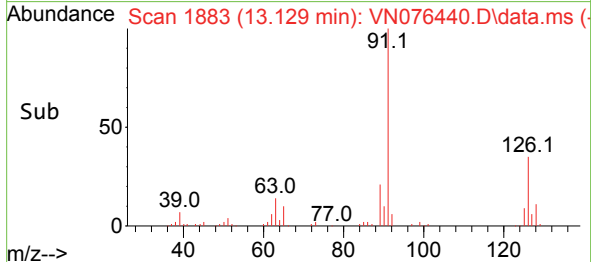
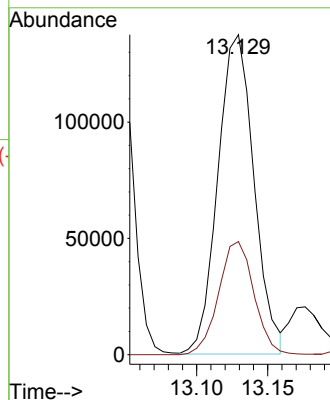
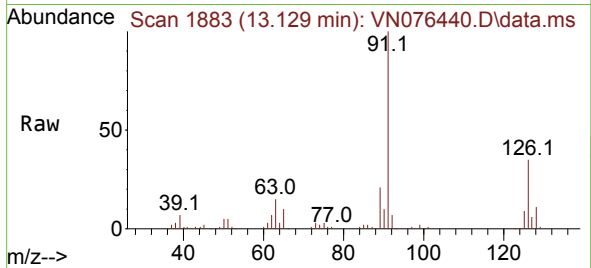




#79
2-Chlorotoluene
Concen: 19.465 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

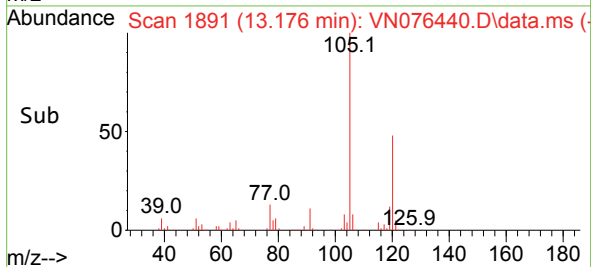
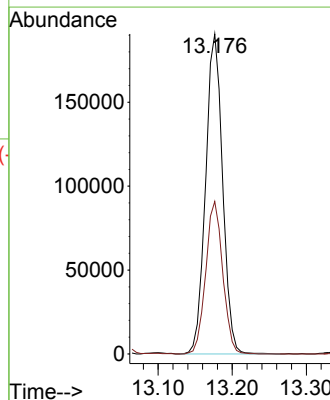
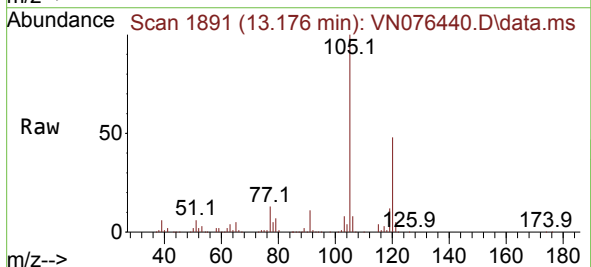
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

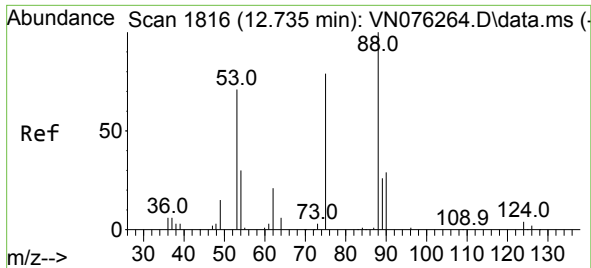
Tgt Ion: 91 Resp: 243184
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 105 Resp: 303556
Ion Ratio Lower Upper
105 100
120 47.7 25.0 75.0

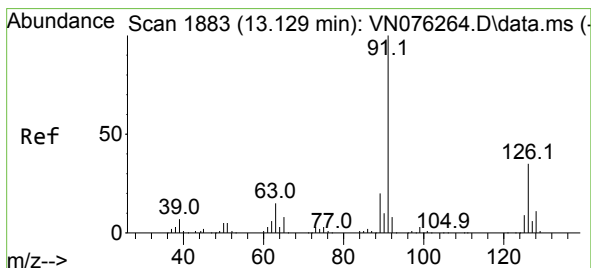
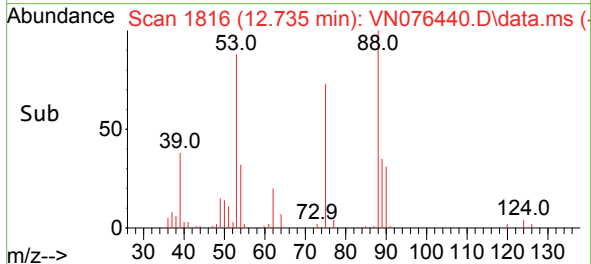
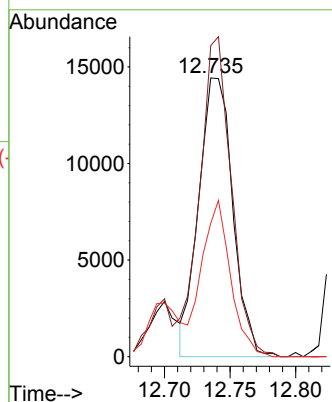
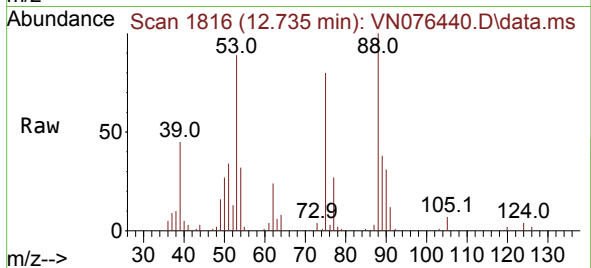




#81
trans-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

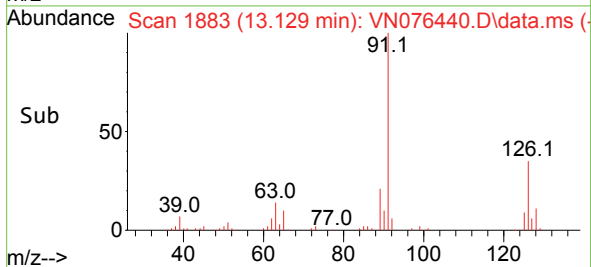
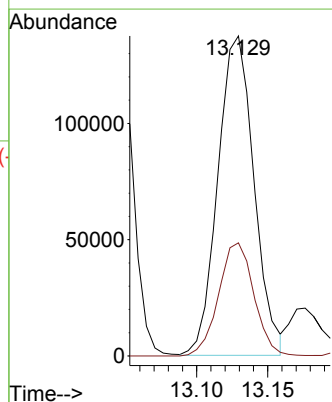
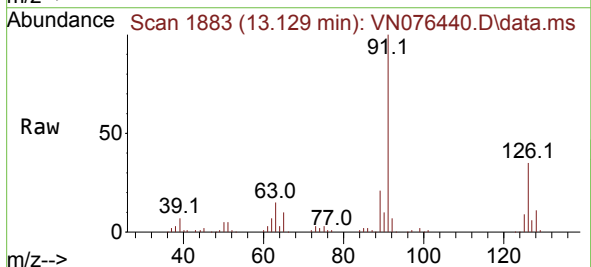
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

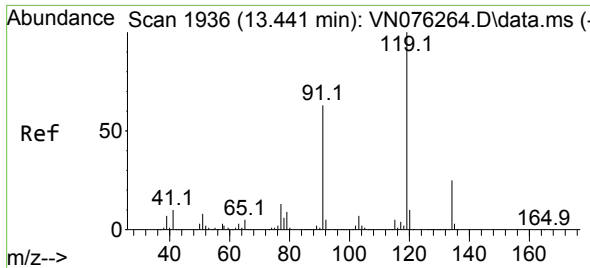
Tgt Ion: 75 Resp: 26060
Ion Ratio Lower Upper
75 100
53 107.9 75.8 113.8
89 46.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.465 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 91 Resp: 243184
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2

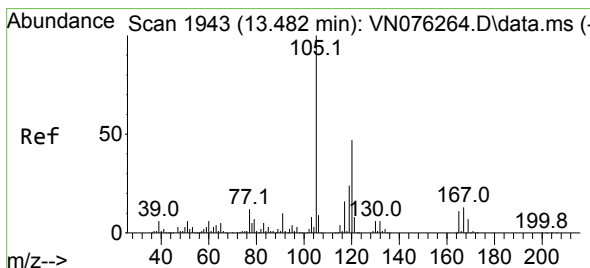
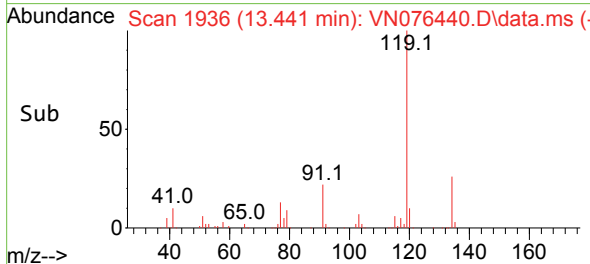
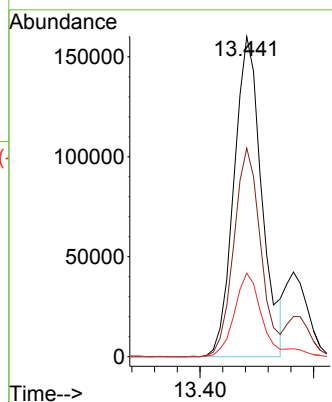
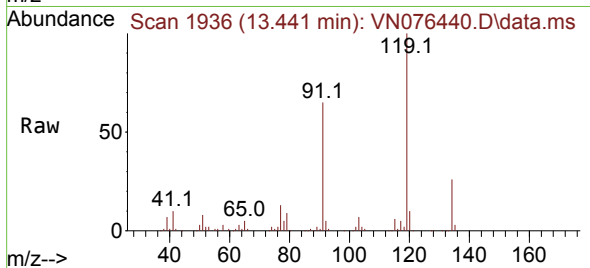




#83
tert-Butylbenzene
Concen: 20.271 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

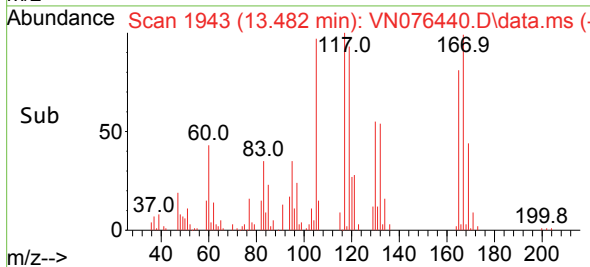
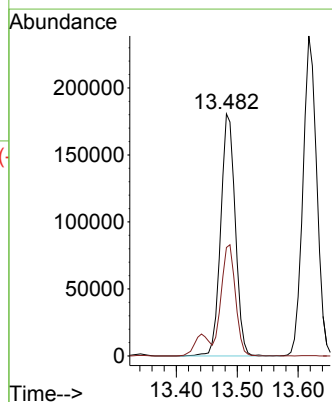
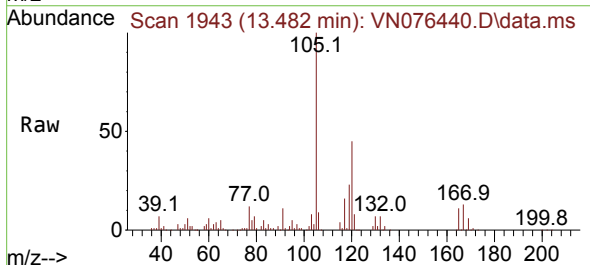
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

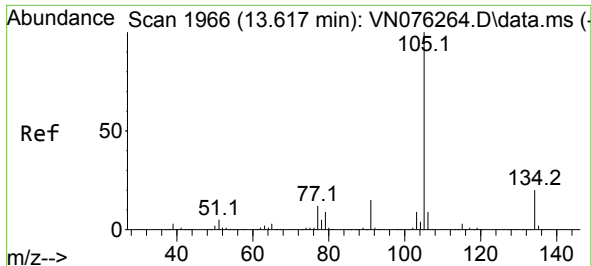
Tgt Ion:119 Resp: 272542
Ion Ratio Lower Upper
119 100
91 63.1 32.2 96.6
134 26.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.821 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion:105 Resp: 300446
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.5

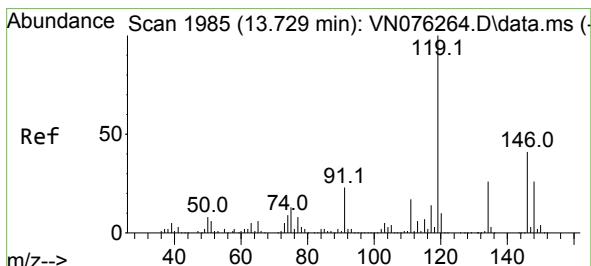
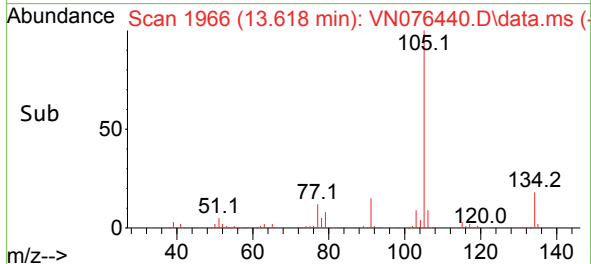
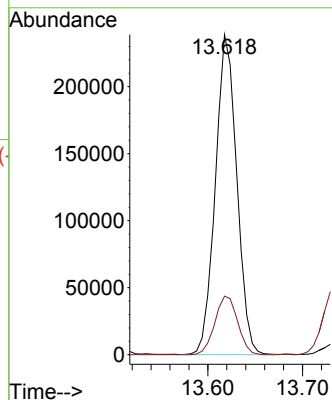
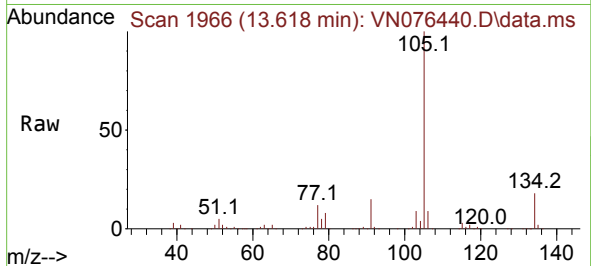




#85
 sec-Butylbenzene
 Concen: 20.127 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

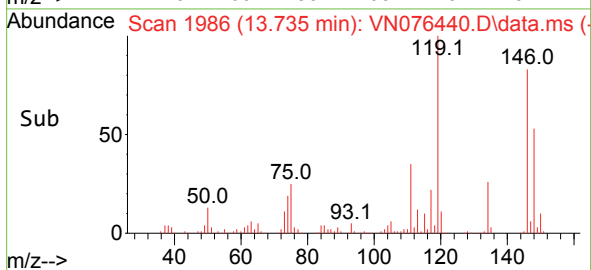
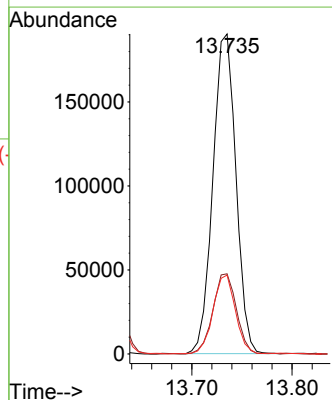
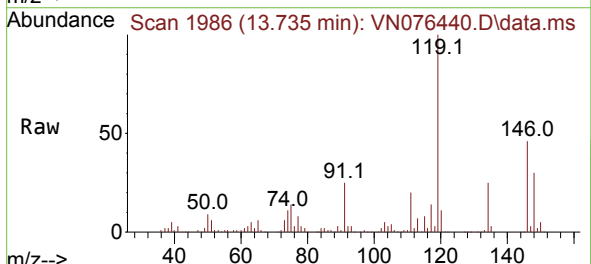
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

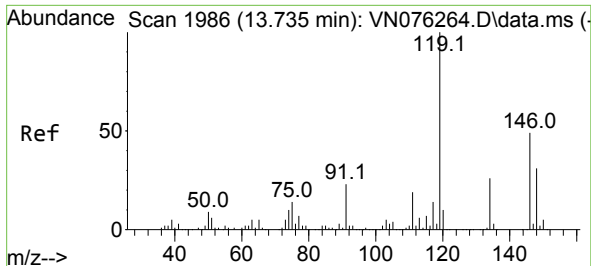
Tgt Ion:105 Resp: 375489
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.783 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

Tgt Ion:119 Resp: 303493
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 24.3 11.8 35.3

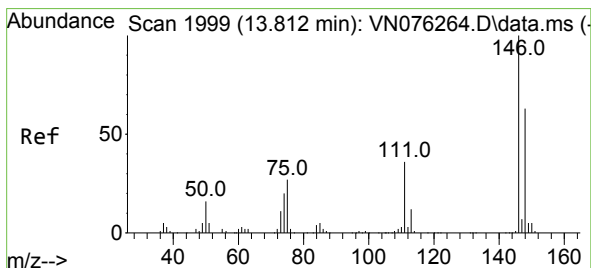
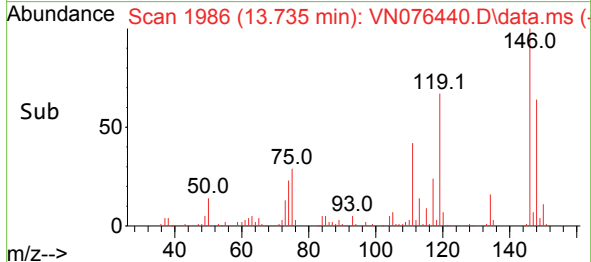
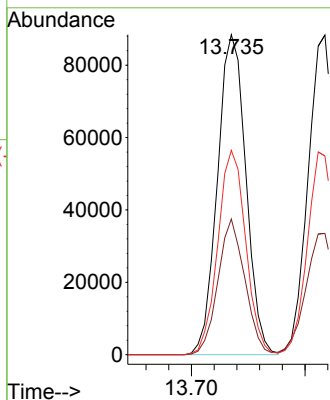
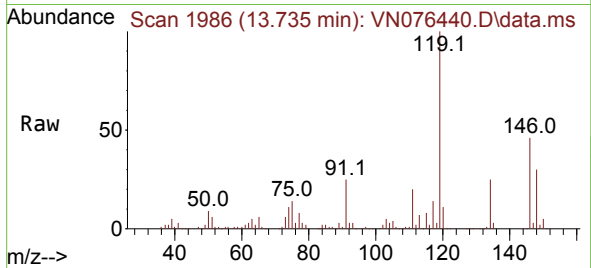




#87
 1,3-Dichlorobenzene
 Concen: 18.103 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

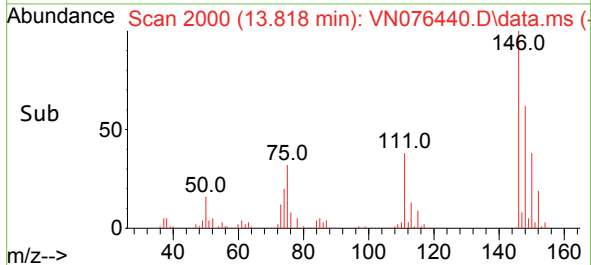
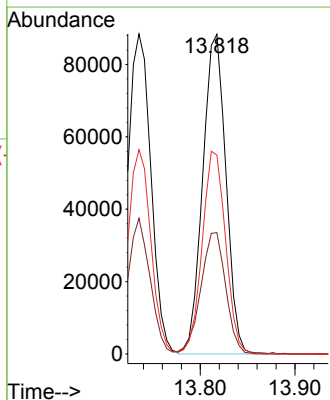
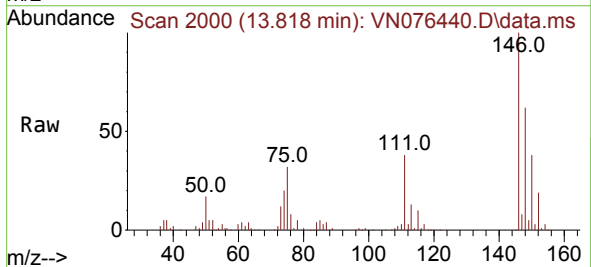
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

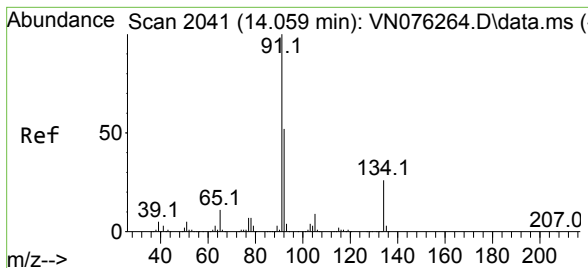
Tgt Ion:146 Resp: 153957
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 62.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.644 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN076440.D
 Acq: 27 Jan 2023 15:34

Tgt Ion:146 Resp: 150322
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.5
 148 64.0 31.9 95.9

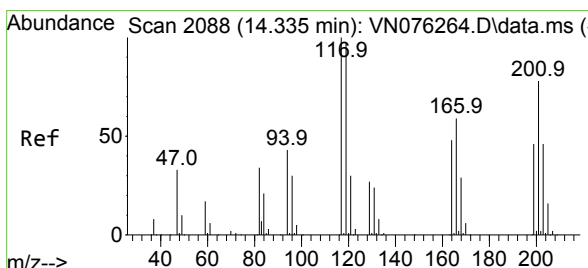
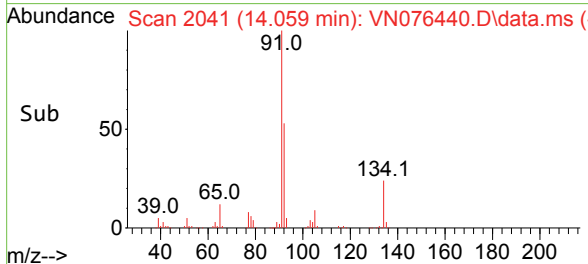
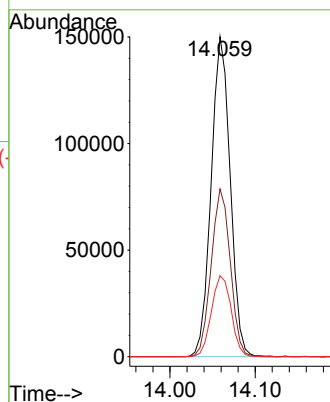
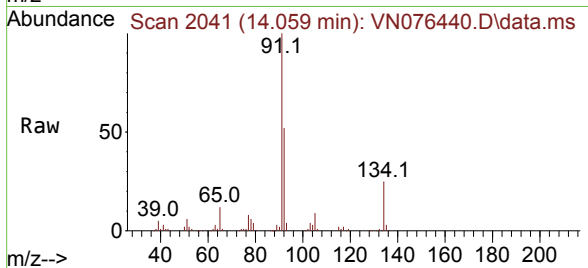




#89
n-Butylbenzene
Concen: 19.121 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

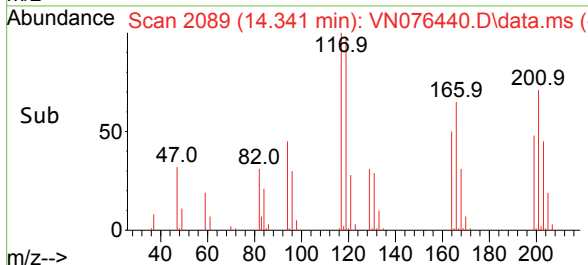
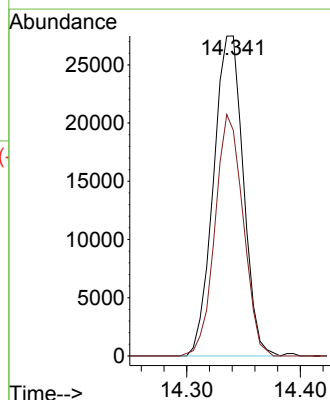
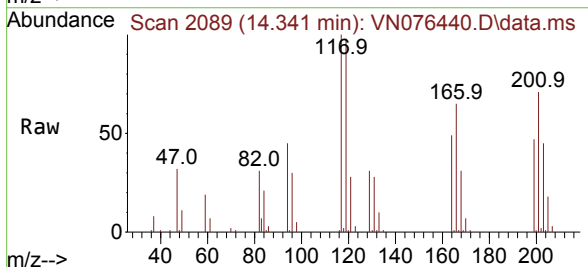
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

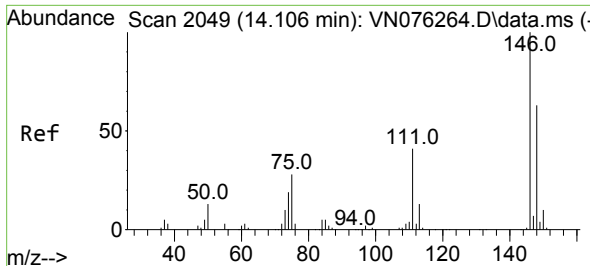
Tgt Ion: 91 Resp: 232860
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.2 13.2 39.5



#90
Hexachloroethane
Concen: 18.932 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 117 Resp: 50127
Ion Ratio Lower Upper
117 100
201 71.3 37.3 111.9

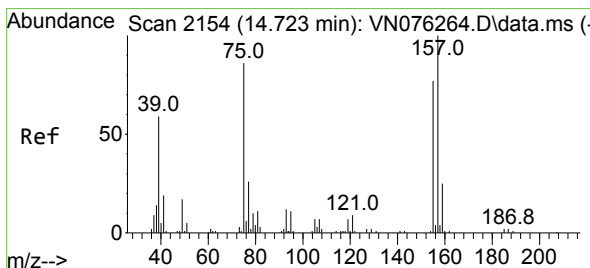
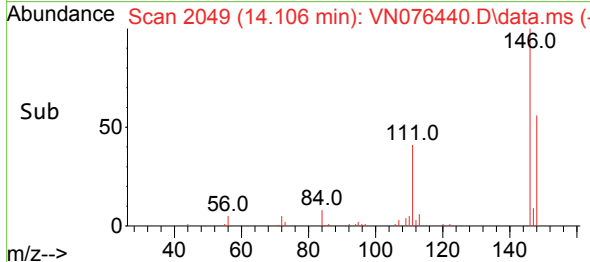
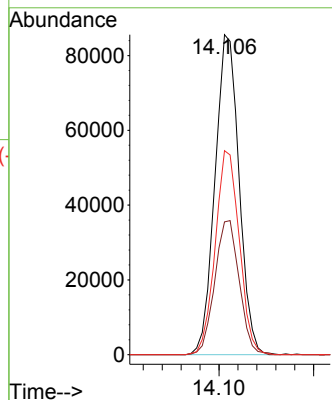
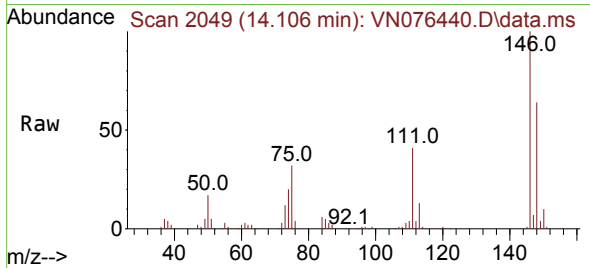




#91
1,2-Dichlorobenzene
Concen: 17.846 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

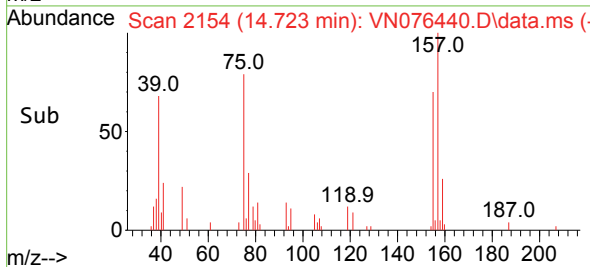
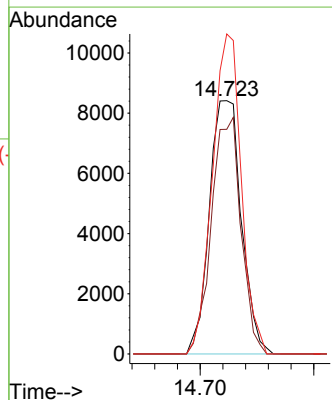
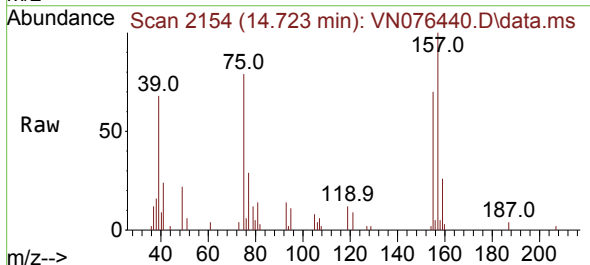
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

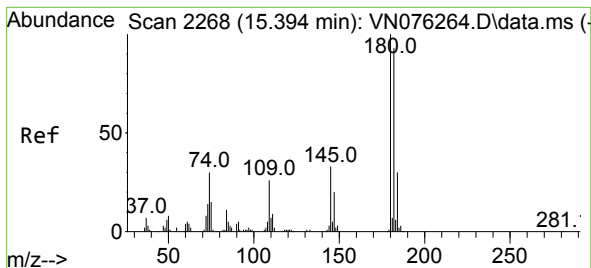
Tgt Ion:146 Resp: 151166
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.8
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.287 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076440.D
Acq: 27 Jan 2023 15:34

Tgt Ion: 75 Resp: 16489
Ion Ratio Lower Upper
75 100
155 85.9 45.0 135.0
157 114.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 17.263 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

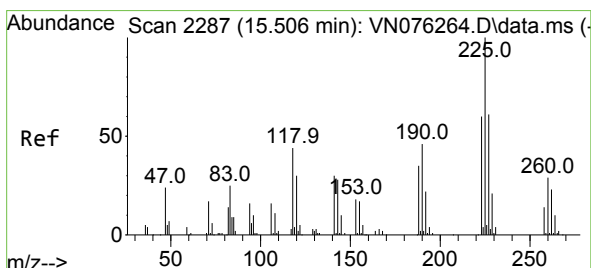
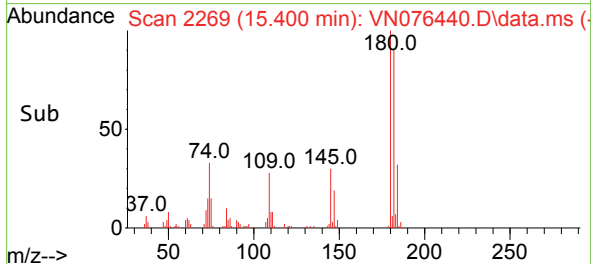
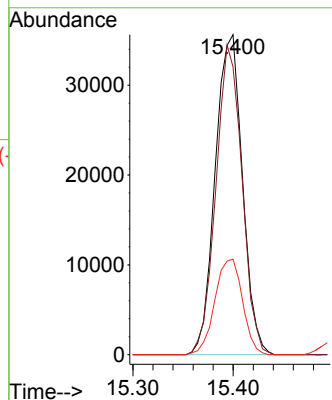
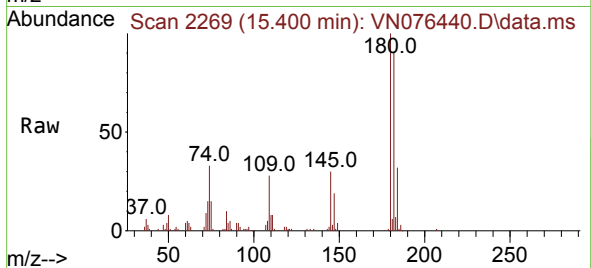
Tgt Ion:180 Resp: 67068

Ion Ratio Lower Upper

180 100

182 92.8 47.0 141.2

145 30.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 17.143 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

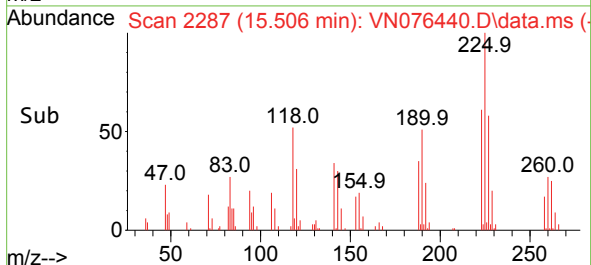
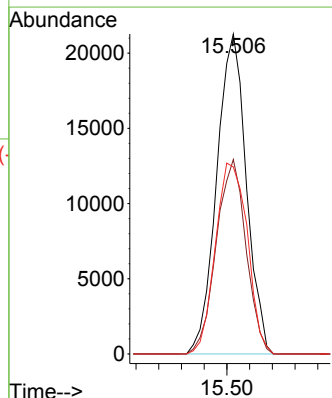
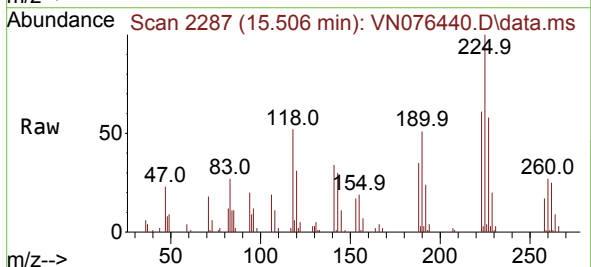
Tgt Ion:225 Resp: 38534

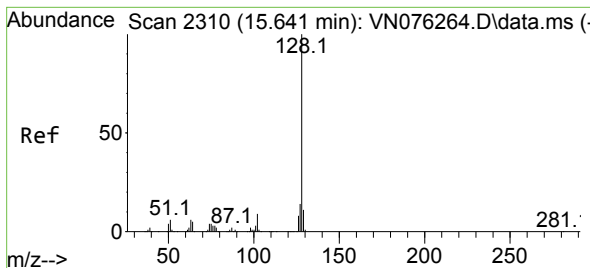
Ion Ratio Lower Upper

225 100

223 60.9 30.8 92.3

227 64.3 30.9 92.8





#95

Naphthalene

Concen: 17.147 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

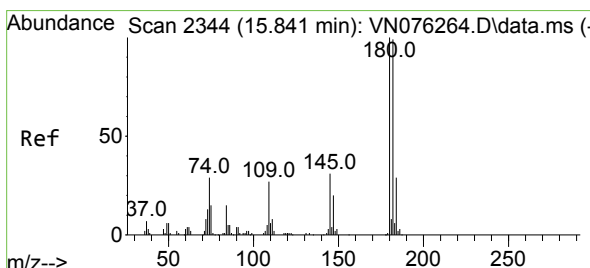
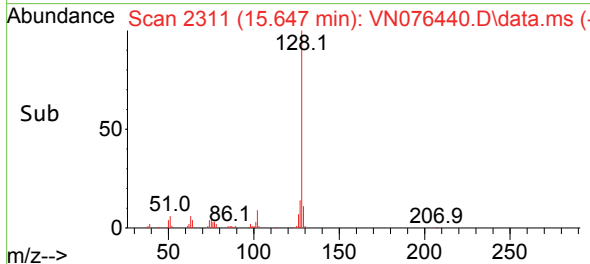
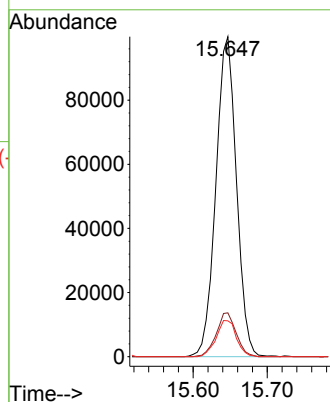
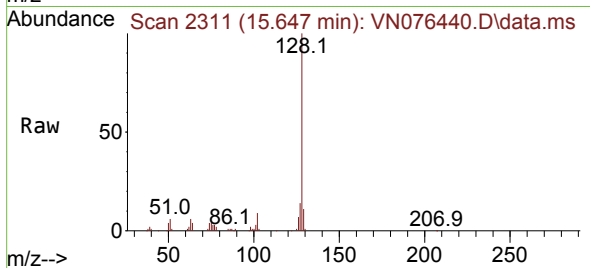
Tgt Ion:128 Resp: 192599

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.868 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076440.D

Acq: 27 Jan 2023 15:34

Tgt Ion:180 Resp: 66748

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.5

145 31.4 15.9 47.6

