

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077289.D
 Acq On : 10 Apr 2023 16:31
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Apr 11 01:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	58567	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	445981	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	487594	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	146024	29.398	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.000%
60) 4-Bromofluorobenzene	12.854	95	242994	28.821	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.067%
63) Toluene-d8	10.566	98	511913	29.864	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	100927	18.127	ug/l	96
3) Chloromethane	2.372	50	128453	17.365	ug/l	99
4) Vinyl Chloride	2.525	62	190201	17.952	ug/l	97
5) Bromomethane	2.966	94	131008	16.409	ug/l	96
6) Chloroethane	3.131	64	119353	16.806	ug/l	97
7) Trichlorofluoromethane	3.501	101	186365	18.891	ug/l	97
8) Diethyl Ether	3.966	74	75767	18.019	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	114980	18.638	ug/l	75
10) 1,1-Dichloroethene	4.348	96	112530	18.234	ug/l	94
11) Methyl Iodide	4.601	142	136204	19.536	ug/l	98
12) Methyl Acetate	5.031	43	158090	17.194	ug/l	92
13) Acrolein	4.295	56	934	0.818	ug/l	97
14) Acrylonitrile	5.731	53	257513	81.936	ug/l	99
15) Acetone	4.431	58	71912	63.071	ug/l	90
16) Carbon Disulfide	4.719	76	290814	17.853	ug/l	98
17) Allyl chloride	5.031	41	133016	16.744	ug/l	98
18) Methylene Chloride	5.290	84	135343	18.885	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	126483	18.849	ug/l	95
20) Diisopropyl ether	6.678	45	337412	17.820	ug/l	97
21) 1,1-Dichloroethane	6.578	63	227705	18.973	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	160184	19.582	ug/l	94
23) tert-Butyl Alcohol	5.525	59	115262	82.479	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	413923	18.630	ug/l	100
25) Chloroform	7.972	83	246158	18.926	ug/l	95
26) Cyclohexane	8.260	56	188739	18.099	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	182031	18.842	ug/l	98
30) 2-Butanone	7.489	43	342632	74.996	ug/l	99
31) 2,2-Dichloropropane	7.501	77	208352	17.568	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	223134	18.767	ug/l	98
33) Carbon Tetrachloride	8.366	117	190387	18.762	ug/l	98
34) Benzene	8.613	78	564037	18.868	ug/l	98
35) Methacrylonitrile	7.783	41	72869	16.931	ug/l	95
36) 1,2-Dichloroethane	8.678	62	173087	18.468	ug/l	97
37) Trichloroethene	9.354	130	135750	18.566	ug/l	99
38) Methylcyclohexane	9.601	83	245455	18.733	ug/l	97
39) 1,2-Dichloropropane	9.625	63	139609	18.813	ug/l	95
40) Dibromomethane	9.713	93	98238	18.373	ug/l	99
41) Bromodichloromethane	9.889	83	201385	18.889	ug/l	99
42) Vinyl Acetate	6.607	43	1117612	84.523	ug/l #	100

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

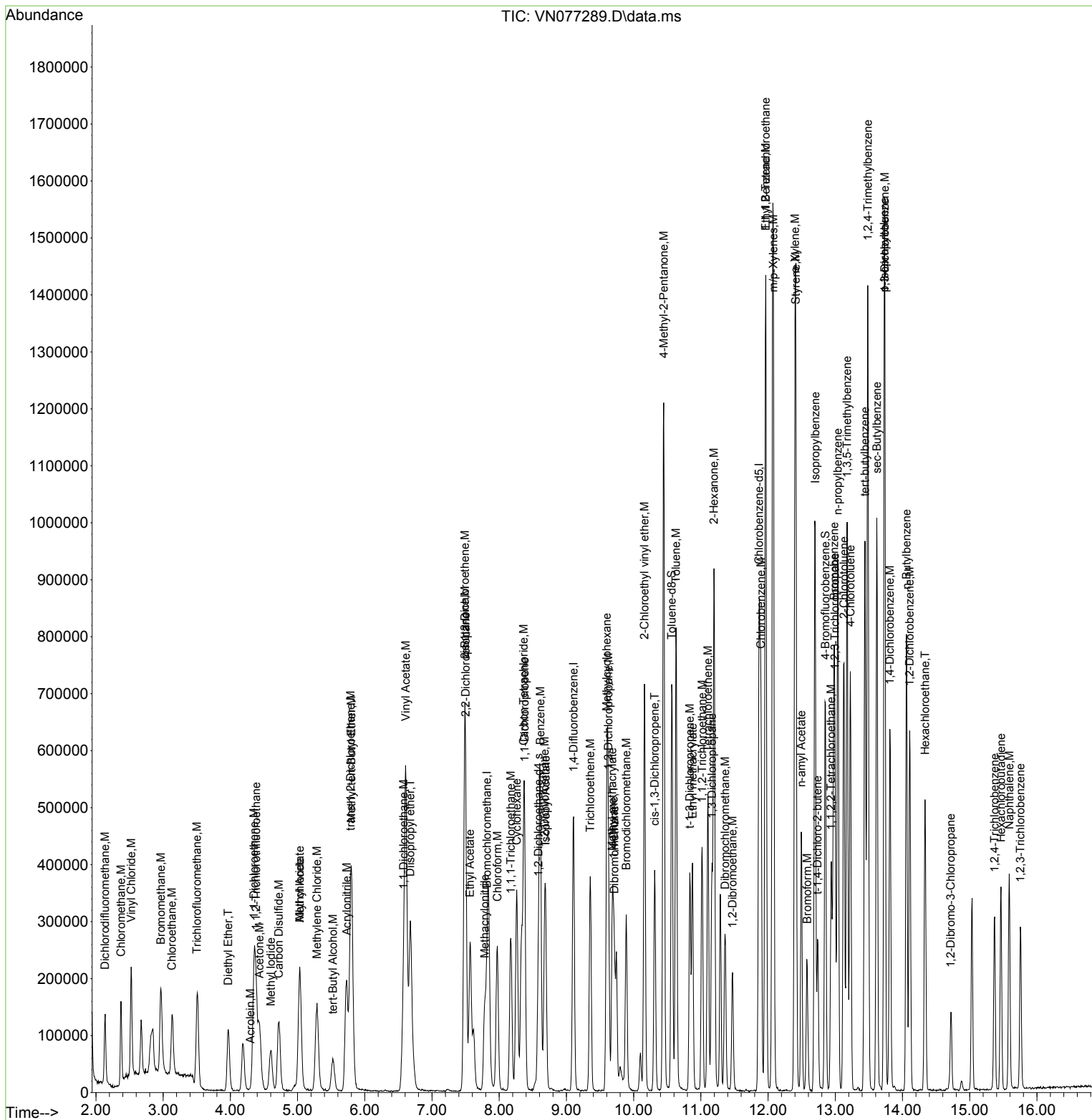
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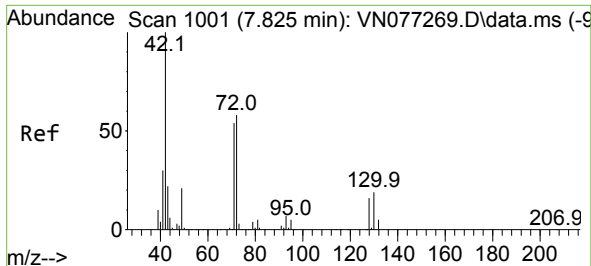
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	136990	16.207	ug/l	96
44) Isopropyl Acetate	8.689	43	269860	17.831	ug/l #	100
45) 1,4-Dioxane	9.701	88	54849	343.644	ug/l	97
46) Methyl methacrylate	9.683	41	110090	16.896	ug/l	93
47) n-amyl Acetate	12.495	43	228340	17.265	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	219499	18.396	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	238902	18.820	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	145368	18.718	ug/l	95
51) Ethyl methacrylate	10.877	69	216316	18.137	ug/l	97
52) 1,3-Dichloropropane	11.166	76	237747	18.342	ug/l	100
53) Dibromochloromethane	11.360	129	157357	19.224	ug/l	99
54) 1,2-Dibromoethane	11.471	107	144377	18.518	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	330531	89.763	ug/l	98
56) Bromoform	12.583	173	95260	17.325	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	773166	84.689	ug/l	99
59) 2-Hexanone	11.195	43	547226	77.547	ug/l	99
61) Tetrachloroethene	11.107	164	111551	19.235	ug/l	97
62) Toluene	10.630	91	640066	18.814	ug/l	99
64) Chlorobenzene	11.895	112	383738	18.566	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	146528	19.279	ug/l	99
66) Ethyl Benzene	11.966	91	706657	18.749	ug/l	99
67) m/p-Xylenes	12.077	106	559575	37.877	ug/l	99
68) o-Xylene	12.401	106	278905	18.871	ug/l	98
69) Styrene	12.413	104	439021	18.540	ug/l	99
70) Isopropylbenzene	12.701	105	702319	18.724	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.936	83	206441	17.973	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	249559	31.962	ug/l	41
73) Bromobenzene	12.983	156	141237	18.534	ug/l	96
74) n-propylbenzene	13.036	91	795846	19.177	ug/l	99
75) 2-Chlorotoluene	13.130	91	466917	18.781	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	589706	19.317	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	65941	16.581	ug/l	97
78) 4-Chlorotoluene	13.224	91	437427	18.621	ug/l	99
79) tert-butylbenzene	13.442	119	509740	19.186	ug/l	100
80) 1,2,4-Trimethylbenzene	13.483	105	561329	18.862	ug/l	98
81) sec-Butylbenzene	13.618	105	723842	19.076	ug/l	100
82) p-Isopropyltoluene	13.730	119	571926	18.813	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	264263	18.290	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	259119	18.484	ug/l	99
85) n-Butylbenzene	14.060	91	461539	18.373	ug/l	99
86) Hexachloroethane	14.336	117	123514	19.100	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	257164	18.164	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	36432	16.552	ug/l	95
89) 1,2,4-Trichlorobenzene	15.371	180	88563	15.903	ug/l	99
90) Hexachlorobutadiene	15.465	225	53207	18.629	ug/l	99
91) Naphthalene	15.589	128	315946	14.851	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	83273	15.325	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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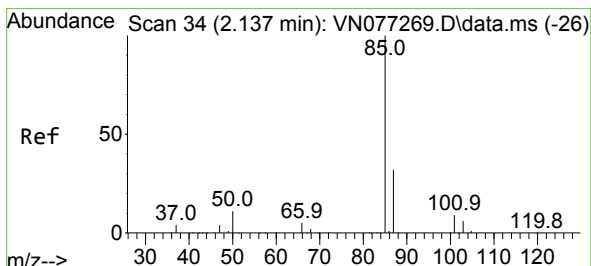
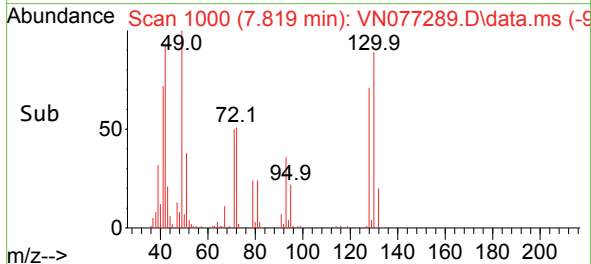
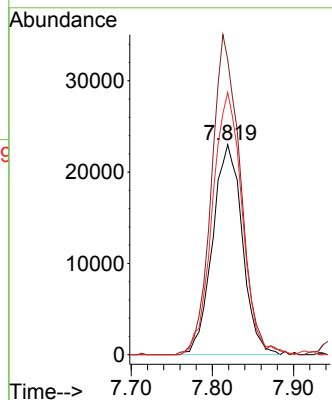
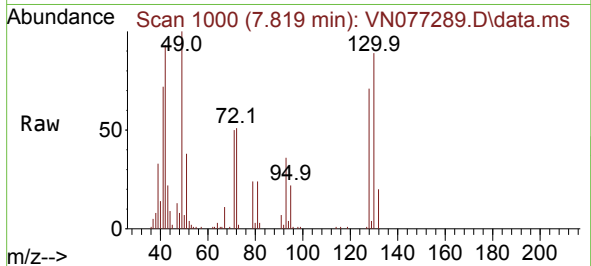




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077289.D
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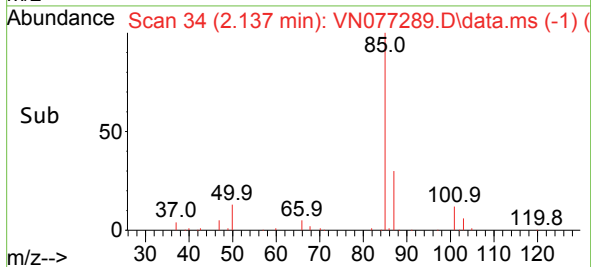
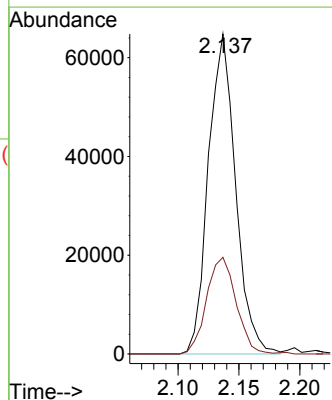
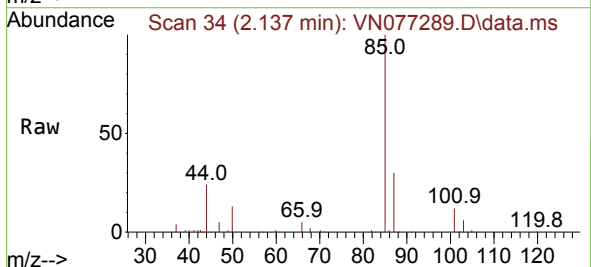
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ClientSampleId :
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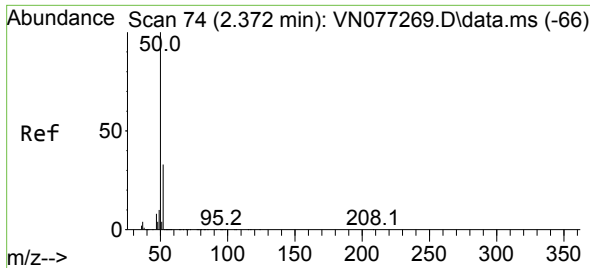
Tgt Ion:128 Resp: 58567
Ion Ratio Lower Upper
128 100
49 145.4 0.0 379.5
130 125.4 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 18.127 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 85 Resp: 100927
Ion Ratio Lower Upper
85 100
87 30.2 16.2 48.6

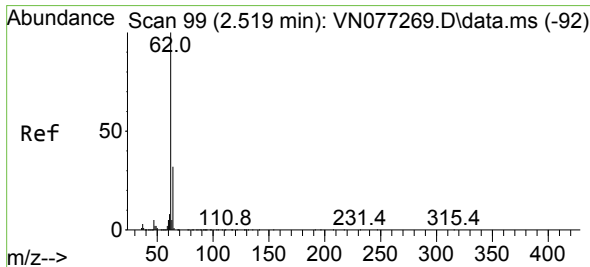
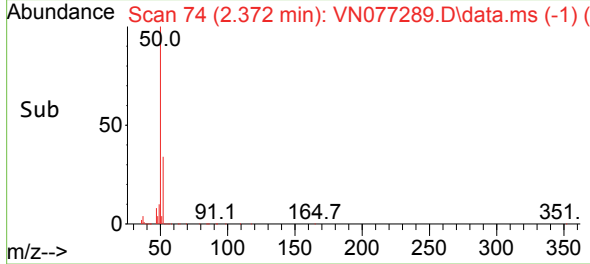
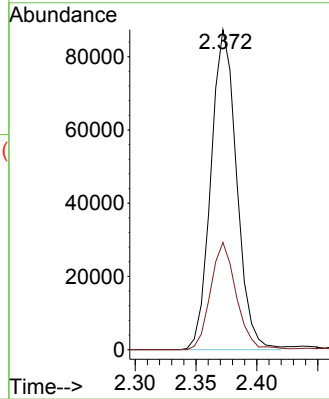
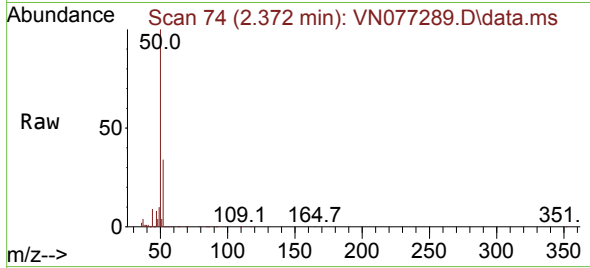




#3
Chloromethane
Concen: 17.365 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

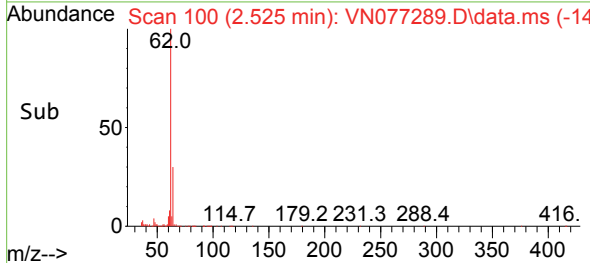
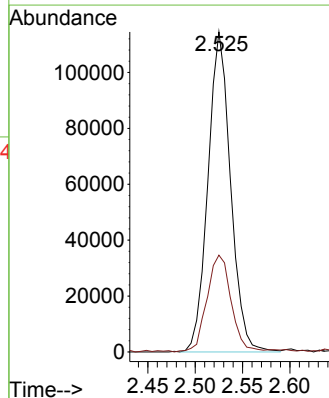
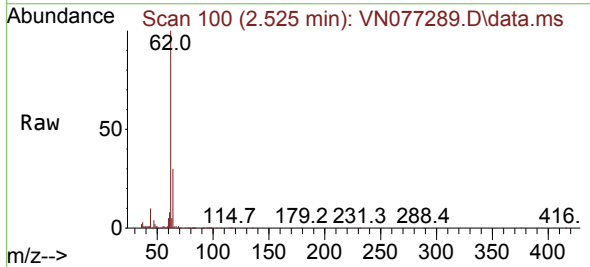
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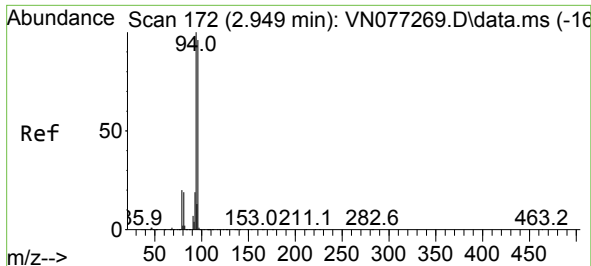
Tgt Ion: 50 Resp: 128453
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6



#4
Vinyl Chloride
Concen: 17.952 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 62 Resp: 190201
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

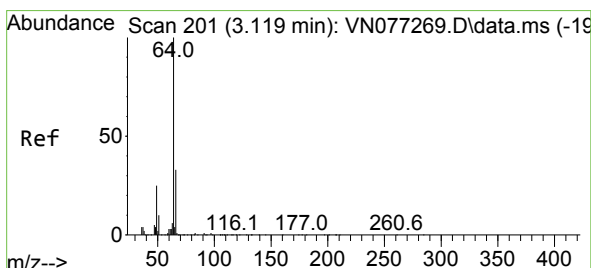
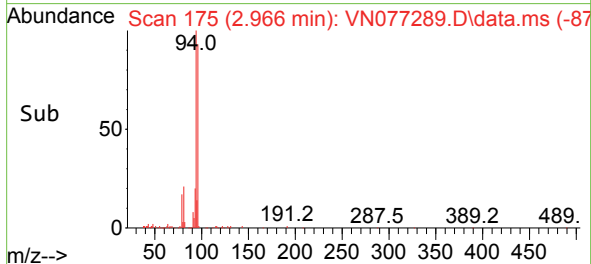
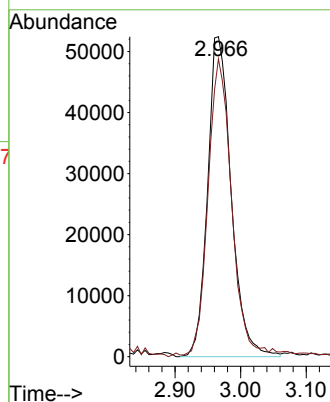
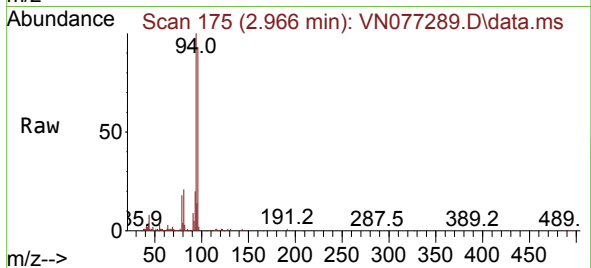




#5
Bromomethane
Concen: 16.409 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

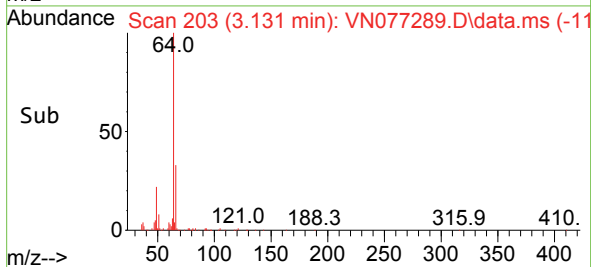
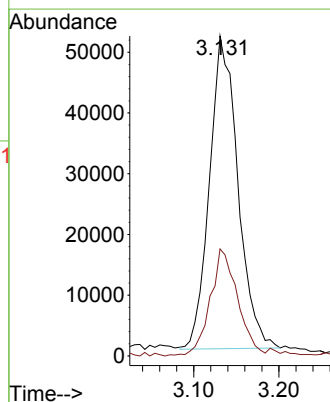
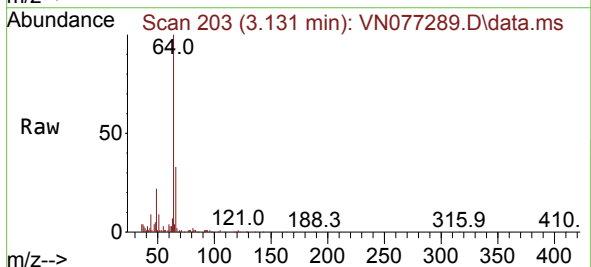
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ClientSampleId :
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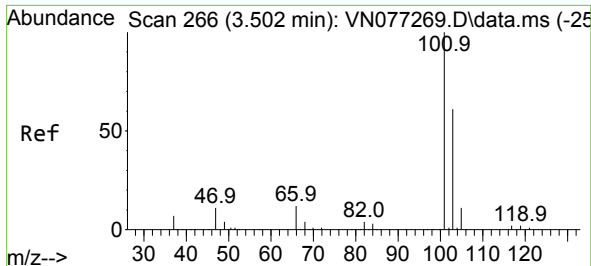
Tgt Ion: 94 Resp: 131008
Ion Ratio Lower Upper
94 100
96 92.5 77.0 115.6



#6
Chloroethane
Concen: 16.806 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 64 Resp: 119353
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5

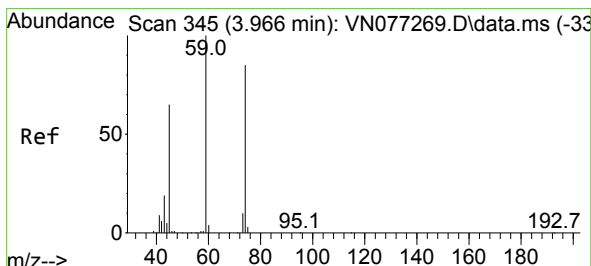
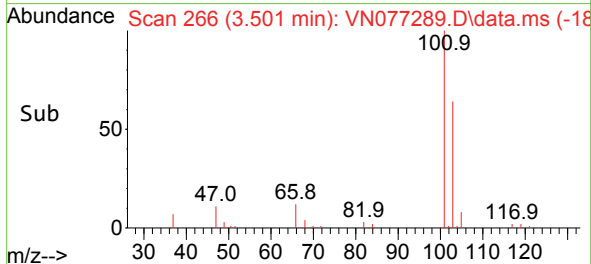
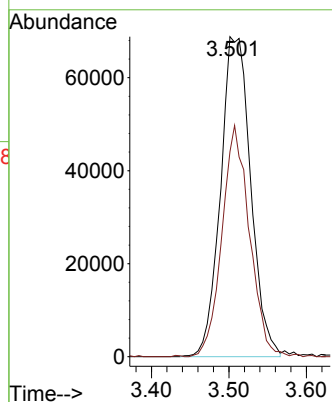
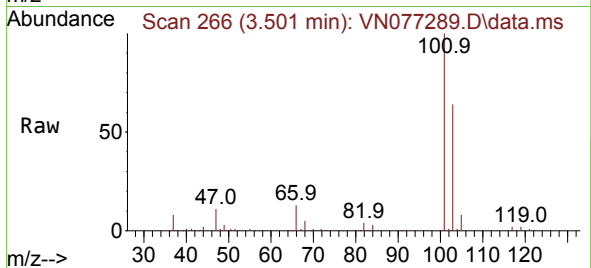




#7
 Trichlorofluoromethane
 Concen: 18.891 ug/l
 RT: 3.501 min Scan# 266
 Delta R.T. -0.001 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

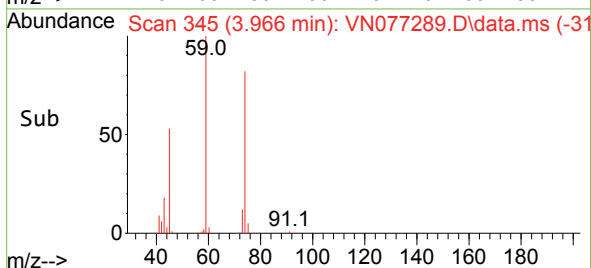
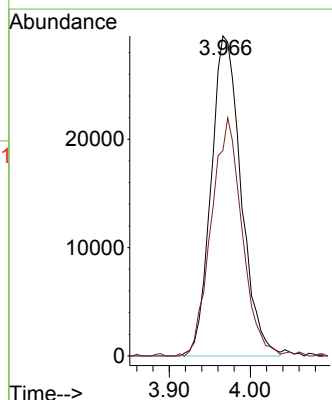
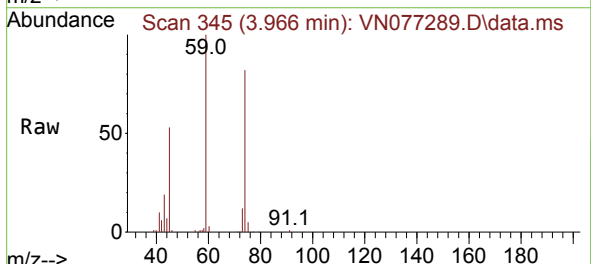
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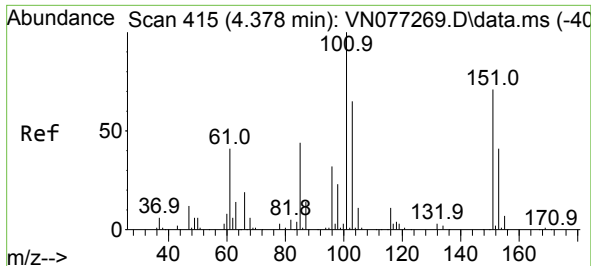
Tgt Ion:101 Resp: 186365
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.9 73.3



#8
 Diethyl Ether
 Concen: 18.019 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion: 74 Resp: 75767
 Ion Ratio Lower Upper
 74 100
 45 76.0 14.8 133.6

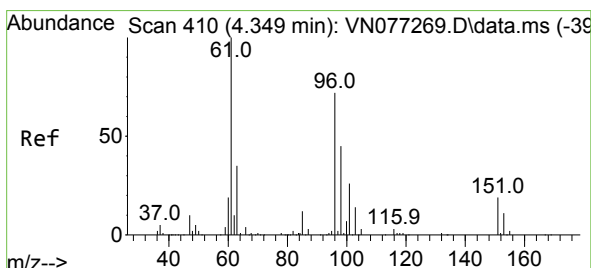
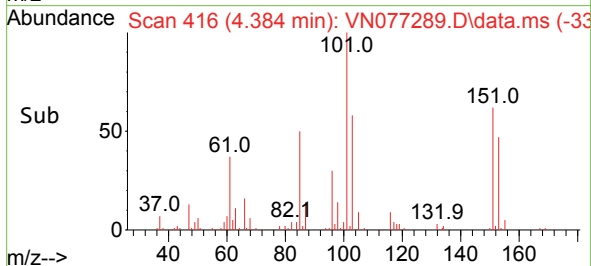
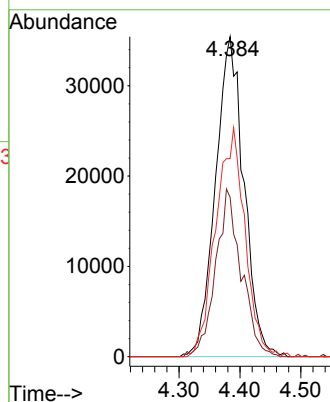
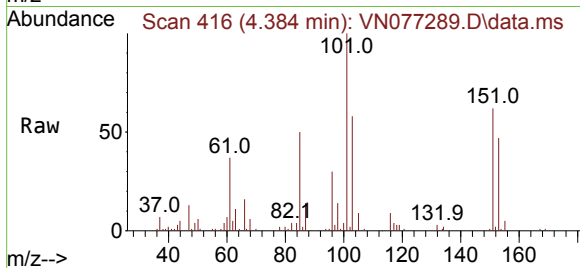




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.638 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

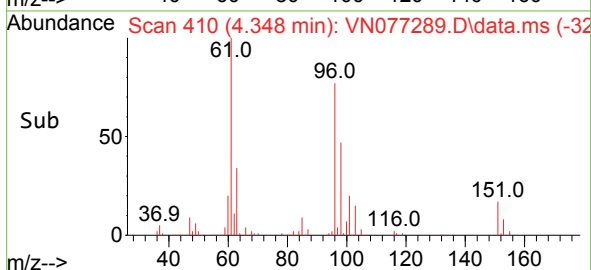
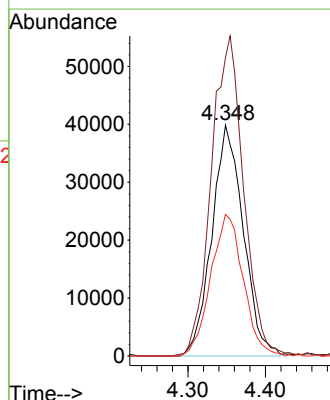
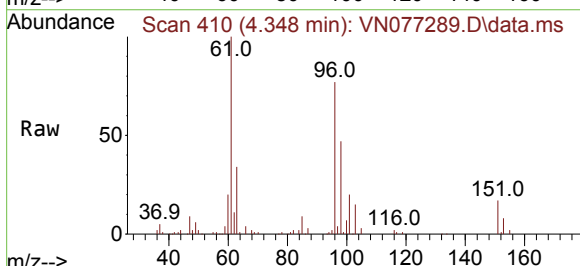
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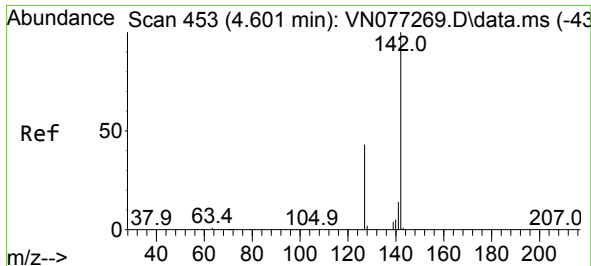
Tgt Ion:101 Resp: 114980
Ion Ratio Lower Upper
101 100
85 47.2 0.0 89.6
151 38.5 0.0 141.6



#10
1,1-Dichloroethene
Concen: 18.234 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 96 Resp: 112530
Ion Ratio Lower Upper
96 100
61 128.5 110.7 166.1
98 61.3 49.6 74.4

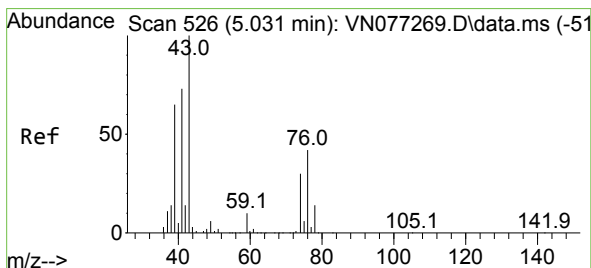
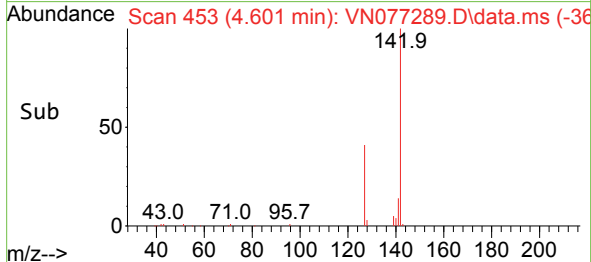
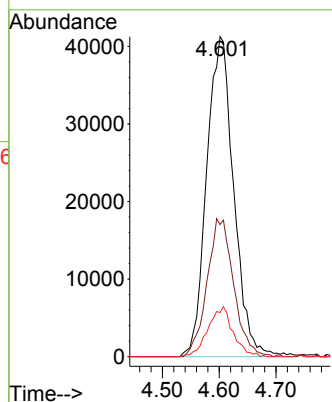
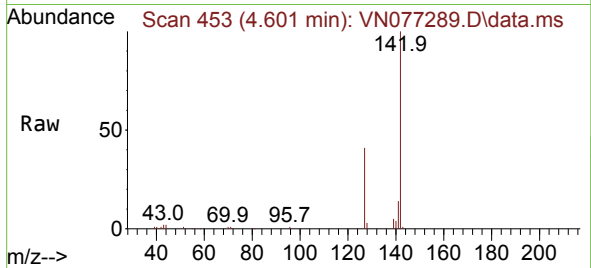




#11
Methyl Iodide
Concen: 19.536 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

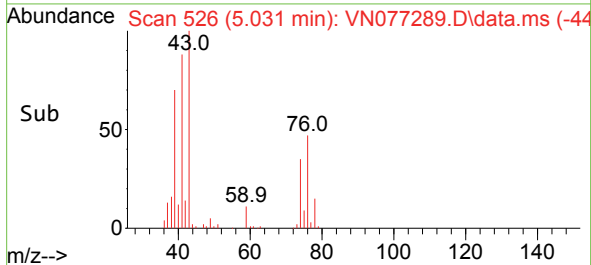
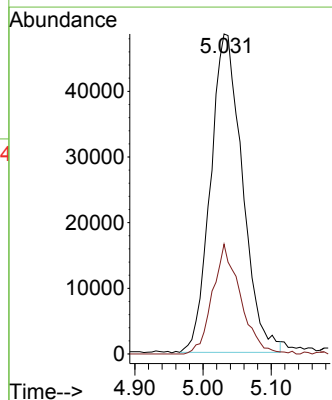
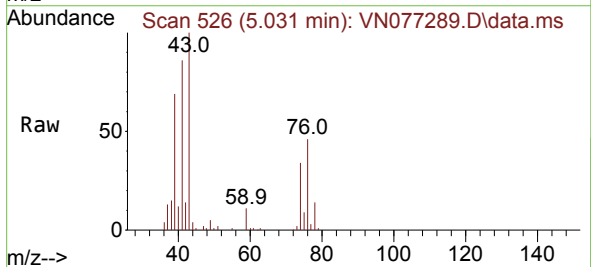
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

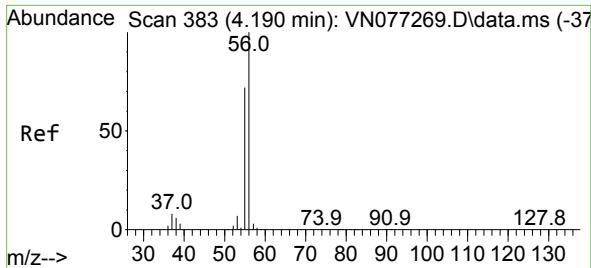
Tgt Ion:142 Resp: 136204
Ion Ratio Lower Upper
142 100
127 41.2 21.3 63.7
141 13.8 7.0 20.9



#12
Methyl Acetate
Concen: 17.194 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 43 Resp: 158090
Ion Ratio Lower Upper
43 100
74 34.7 24.2 36.2





#13

Acrolein

Concen: 0.818 ug/l

RT: 4.295 min Scan# 401

Delta R.T. 0.105 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

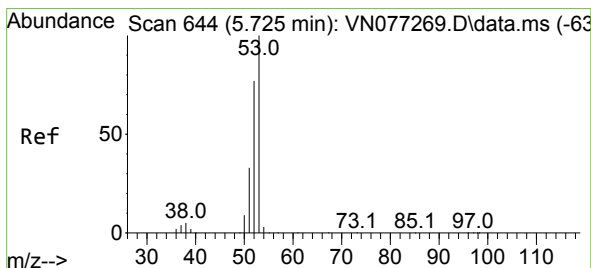
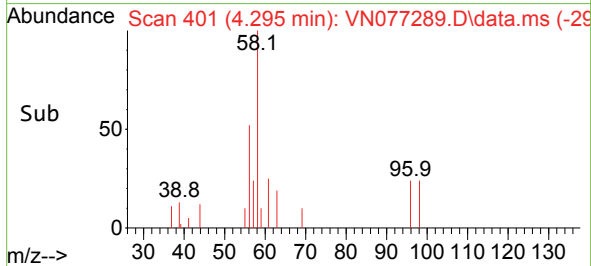
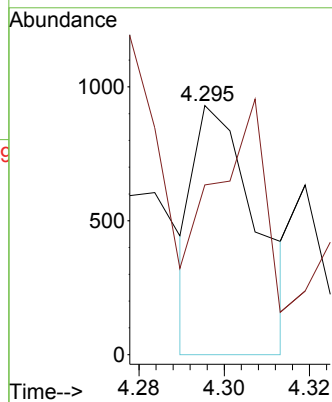
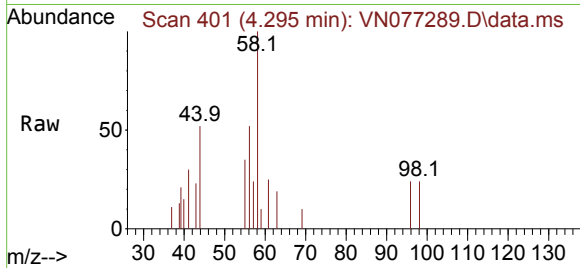
VSTDCCC020EC

Tgt Ion: 56 Resp: 934

Ion Ratio Lower Upper

56 100

55 66.6 55.2 82.8



#14

Acrylonitrile

Concen: 81.936 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.006 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

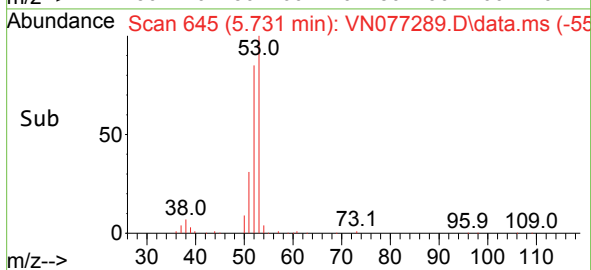
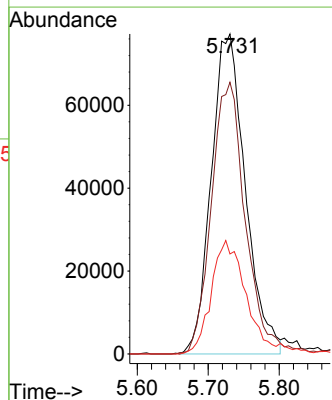
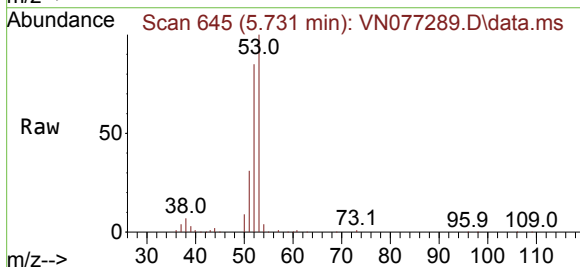
Tgt Ion: 53 Resp: 257513

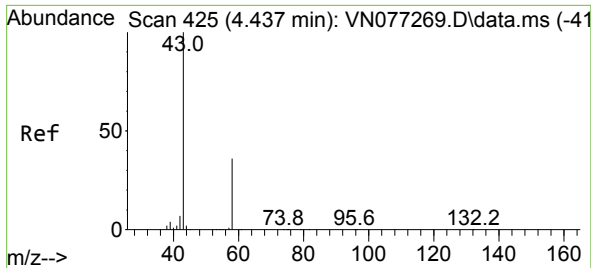
Ion Ratio Lower Upper

53 100

52 83.6 41.0 123.0

51 35.6 17.7 53.1

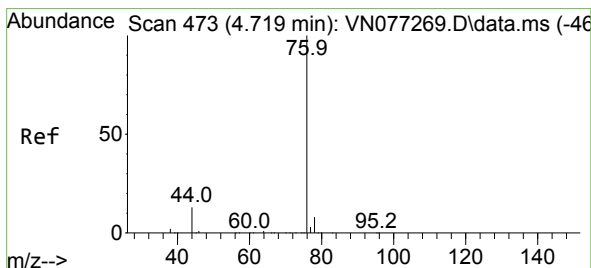
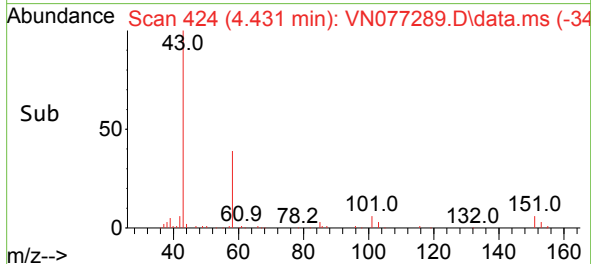
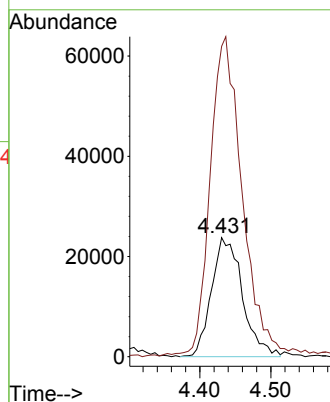
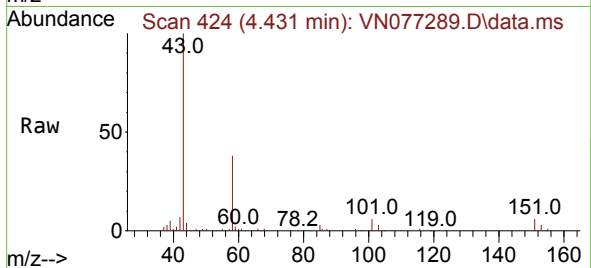




#15
Acetone
Concen: 63.071 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

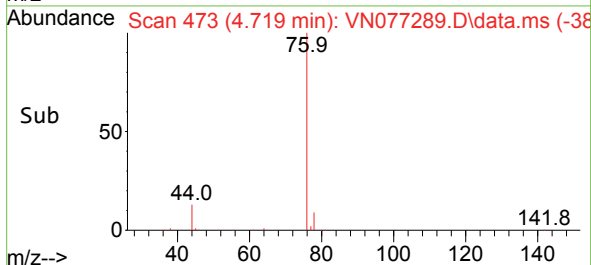
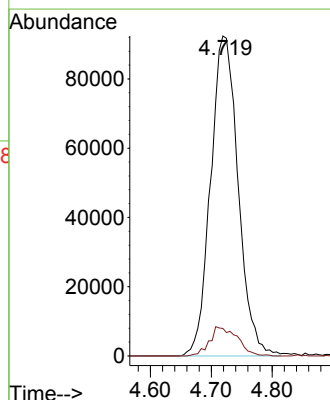
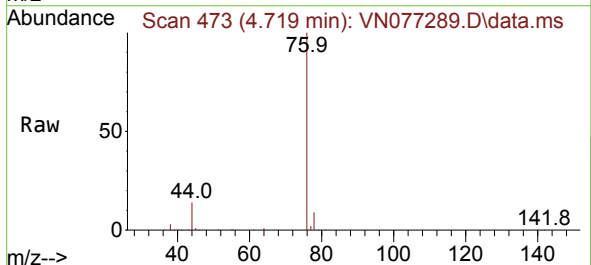
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

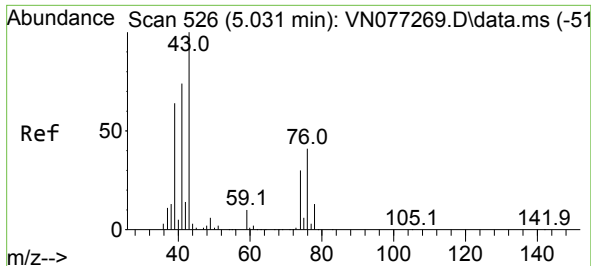
Tgt Ion: 58 Resp: 71912
Ion Ratio Lower Upper
58 100
43 257.7 220.9 331.3



#16
Carbon Disulfide
Concen: 17.853 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 76 Resp: 290814
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5

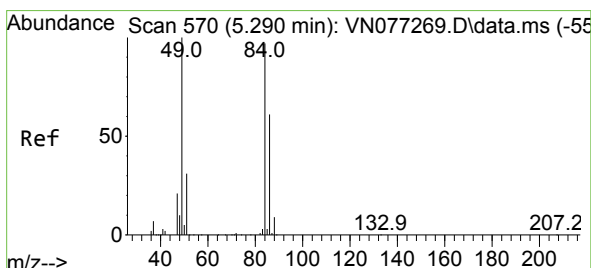
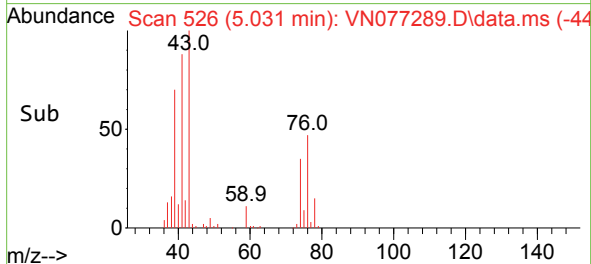
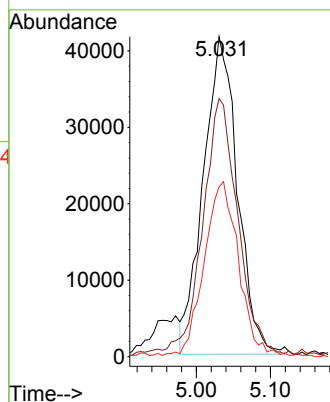
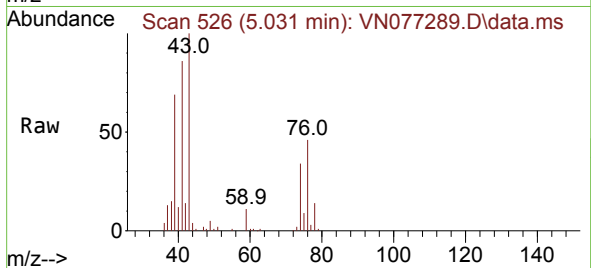




#17
 Allyl chloride
 Concen: 16.744 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

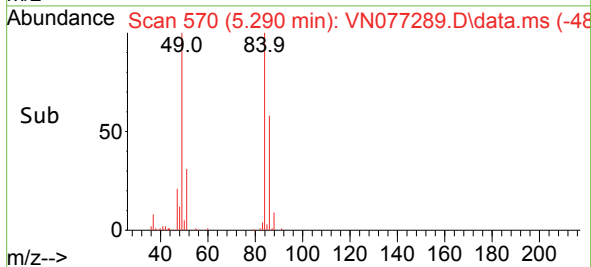
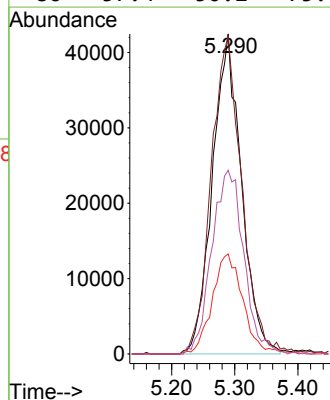
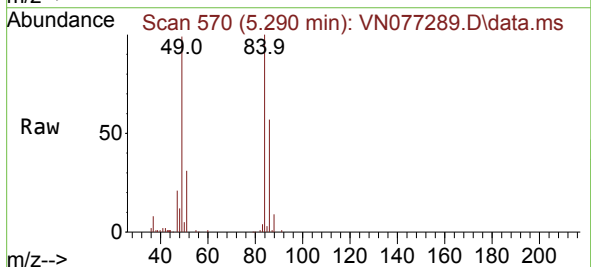
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

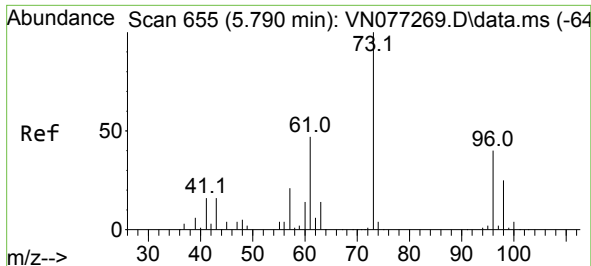
Tgt Ion:	41	Resp:	133016
Ion	Ratio	Lower	Upper
41	100		
39	80.8	40.3	120.9
76	53.6	25.3	75.8



#18
 Methylene Chloride
 Concen: 18.885 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion:	84	Resp:	135343
Ion	Ratio	Lower	Upper
84	100		
49	99.4	82.7	124.1
51	31.3	25.6	38.4
86	57.4	50.2	75.4

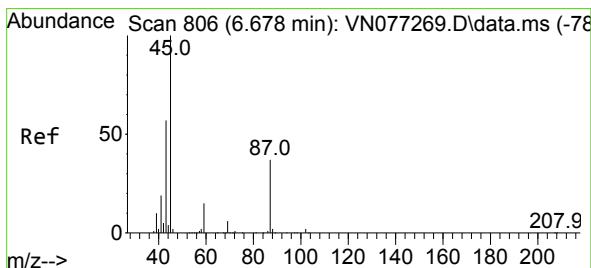
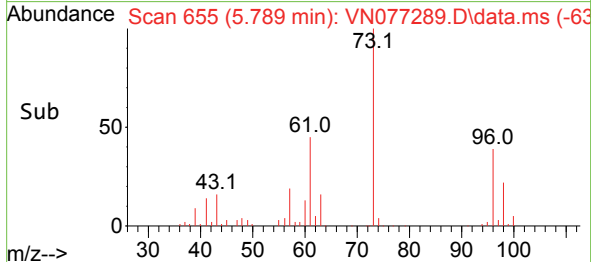
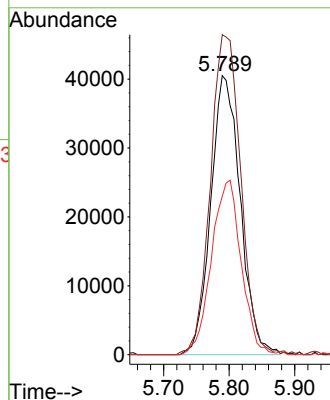
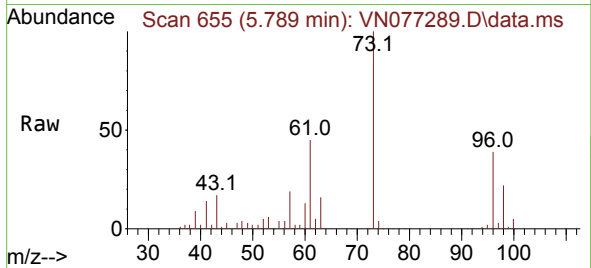




#19
trans-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

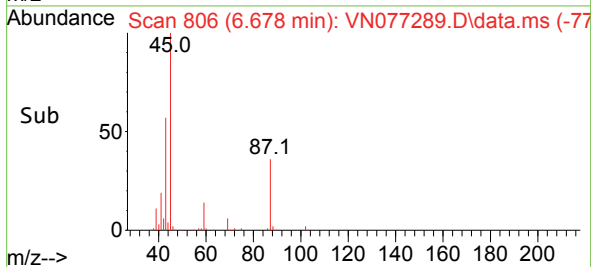
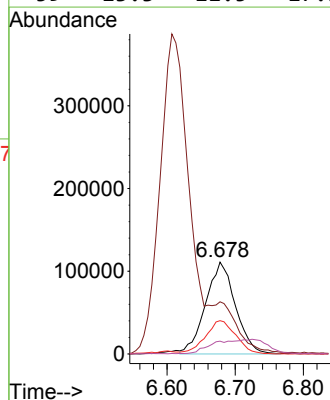
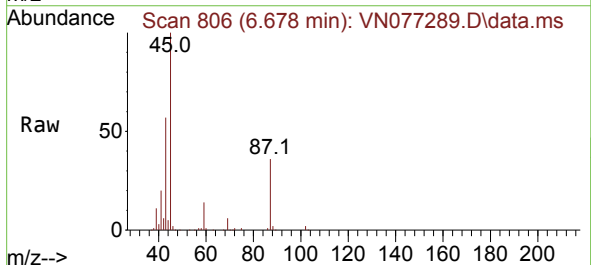
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

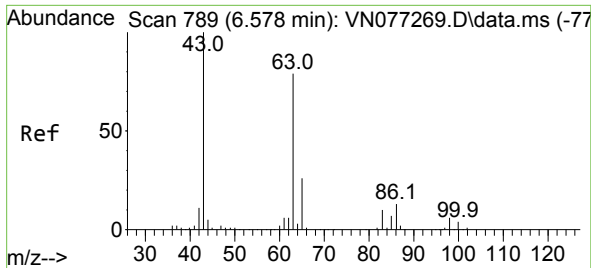
Tgt Ion: 96 Resp: 126483
Ion Ratio Lower Upper
96 100
61 113.9 94.5 141.7
98 56.8 49.8 74.8



#20
Diisopropyl ether
Concen: 17.820 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 45 Resp: 337412
Ion Ratio Lower Upper
45 100
43 55.0 45.9 68.9
87 36.1 30.1 45.1
59 13.3 11.5 17.3

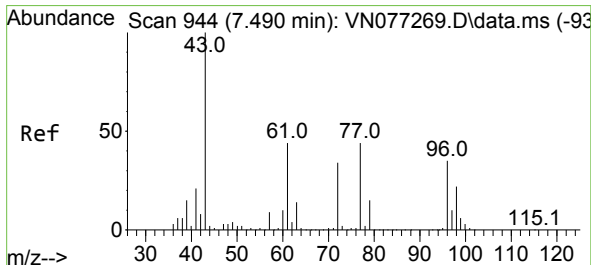
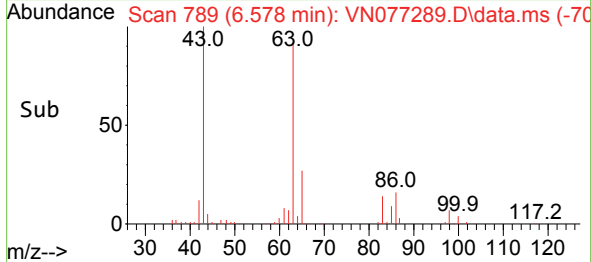
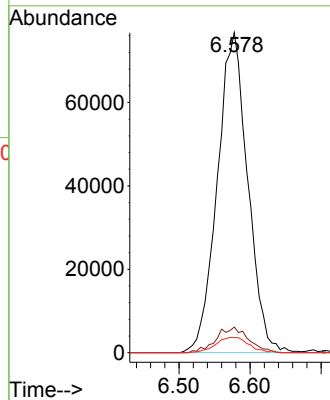
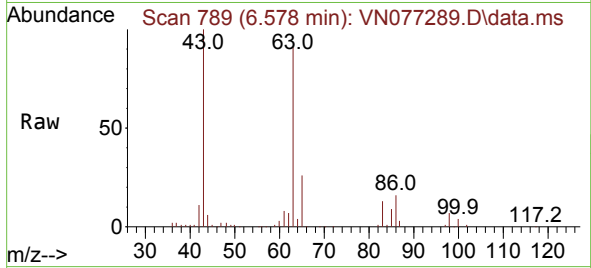




#21
1,1-Dichloroethane
Concen: 18.973 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

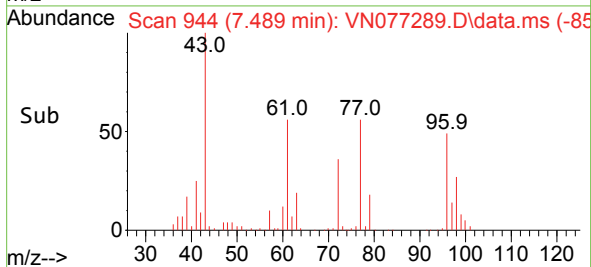
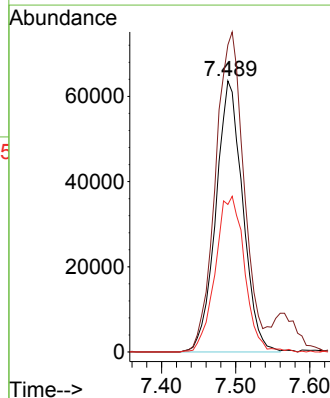
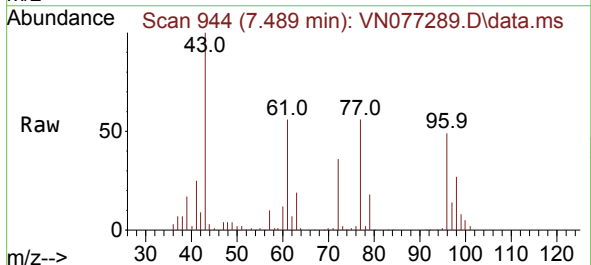
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

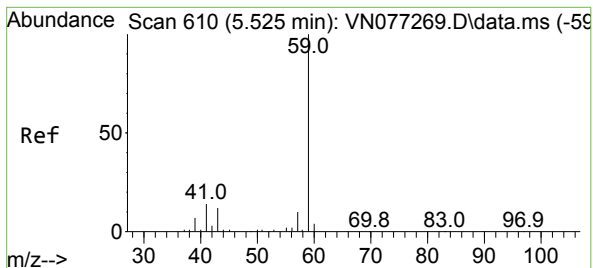
Tgt Ion: 63 Resp: 227705
Ion Ratio Lower Upper
63 100
98 8.0 3.9 11.7
100 4.7 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.582 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 96 Resp: 160184
Ion Ratio Lower Upper
96 100
61 124.3 105.5 158.3
98 61.1 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 82.479 ug/l

RT: 5.525 min Scan# 610

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

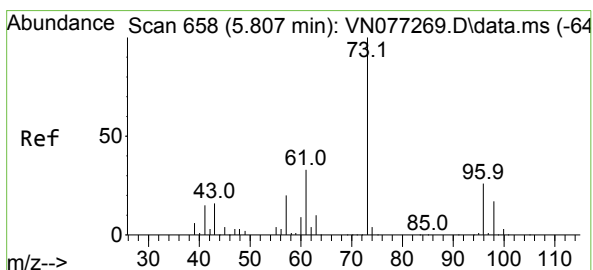
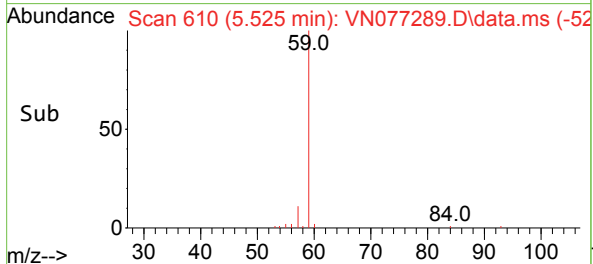
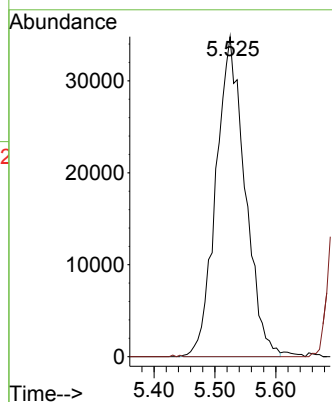
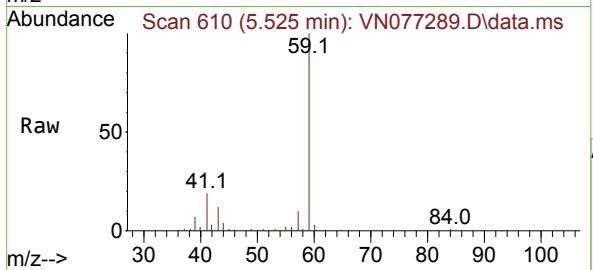
VSTDCCC020EC

Tgt Ion: 59 Resp: 115262

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.630 ug/l

RT: 5.801 min Scan# 657

Delta R.T. -0.006 min

Lab File: VN077289.D

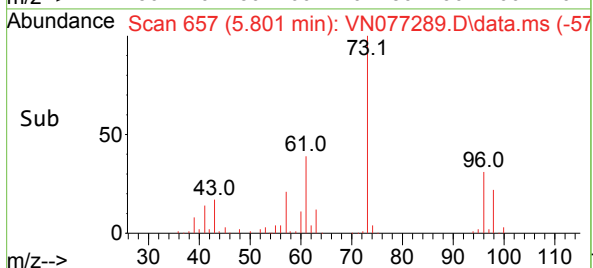
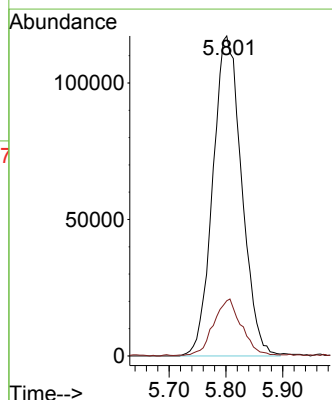
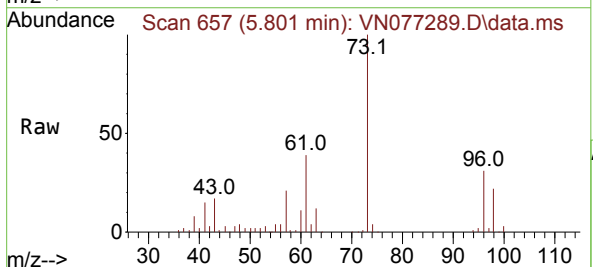
Acq: 10 Apr 2023 16:31

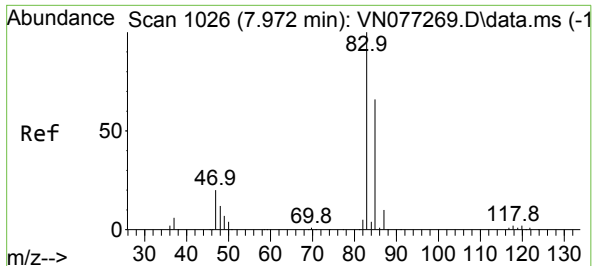
Tgt Ion: 73 Resp: 413923

Ion Ratio Lower Upper

73 100

43 17.0 13.5 20.3





#25

Chloroform

Concen: 18.926 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

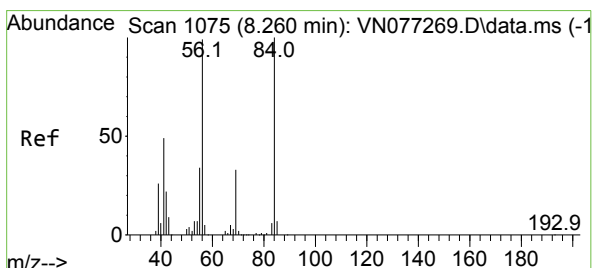
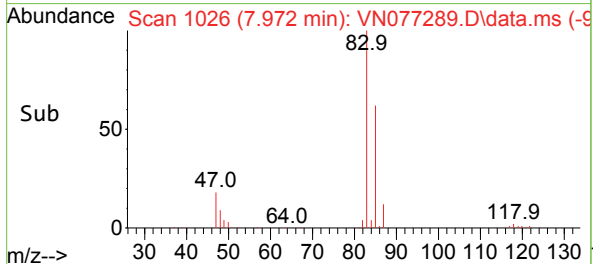
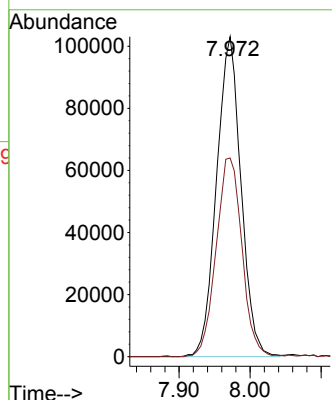
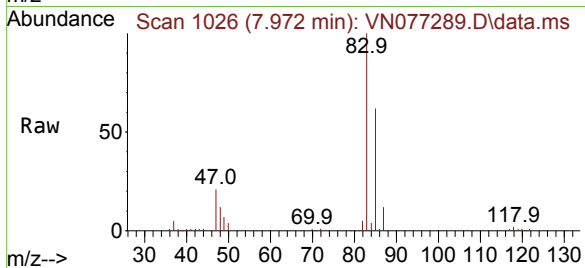
VSTDCCC020EC

Tgt Ion: 83 Resp: 246158

Ion Ratio Lower Upper

83 100

85 62.1 52.9 79.3



#26

Cyclohexane

Concen: 18.099 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

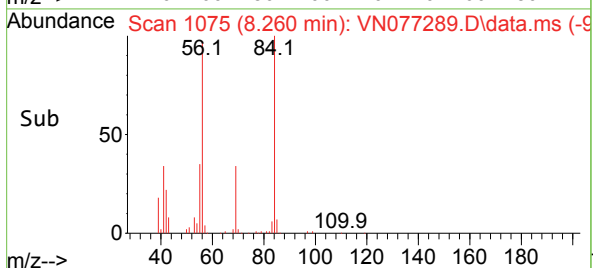
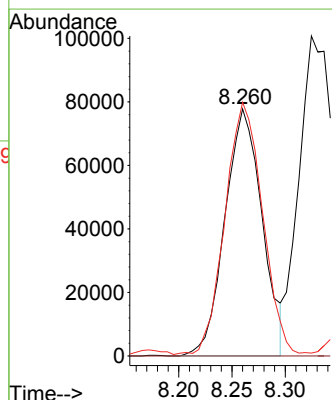
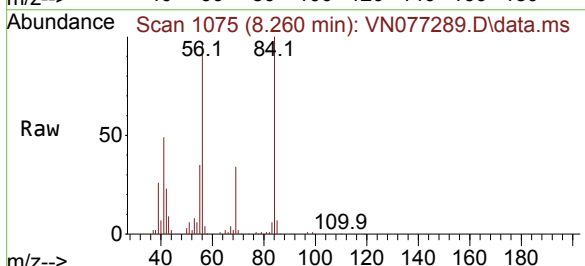
Tgt Ion: 56 Resp: 188739

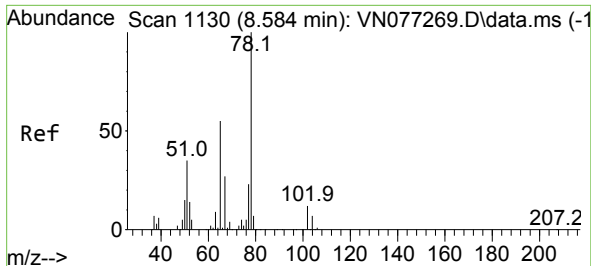
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.8 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.398 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

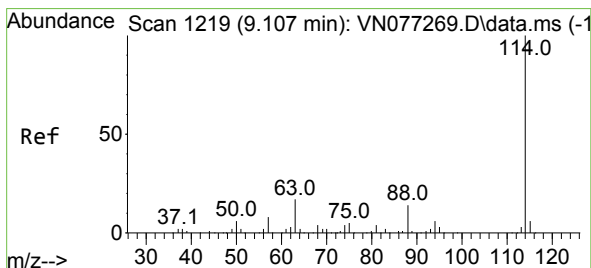
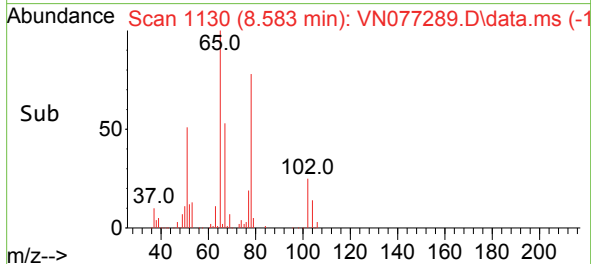
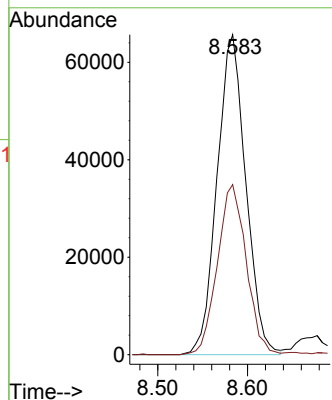
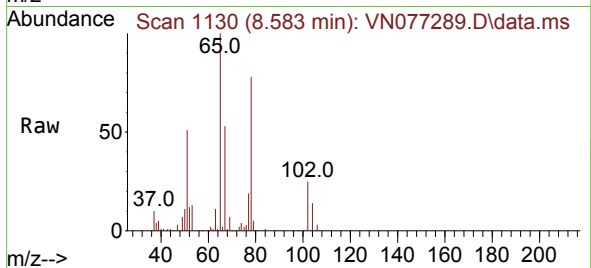
VSTDCCC020EC

Tgt Ion: 65 Resp: 146024

Ion Ratio Lower Upper

65 100

67 53.3 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

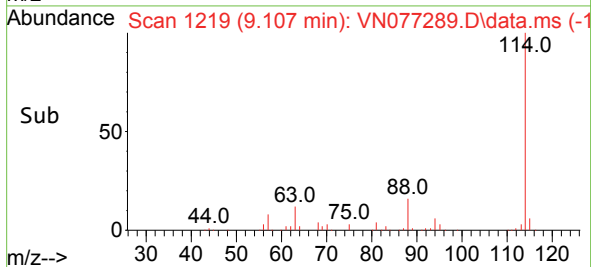
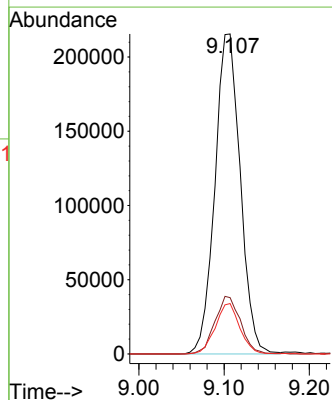
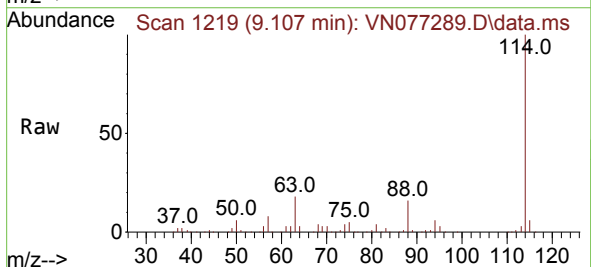
Tgt Ion: 114 Resp: 445981

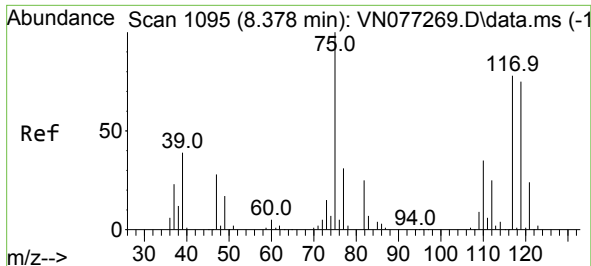
Ion Ratio Lower Upper

114 100

63 18.2 15.0 22.4

88 15.3 11.9 17.9





#29

1,1-Dichloropropene

Concen: 18.842 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

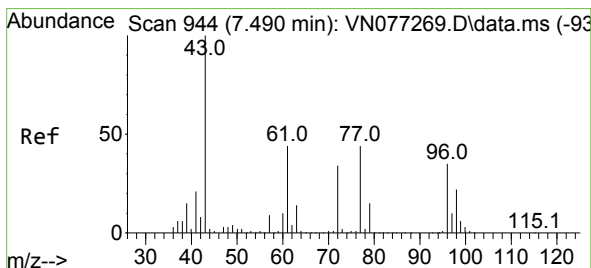
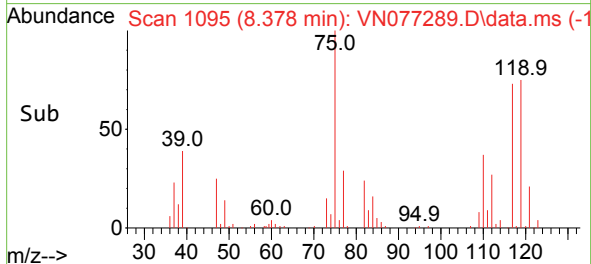
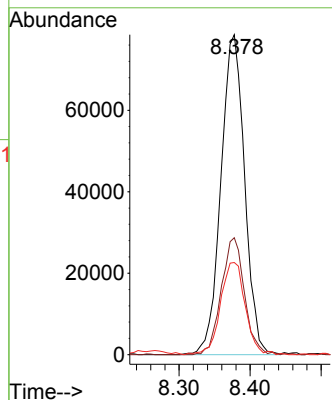
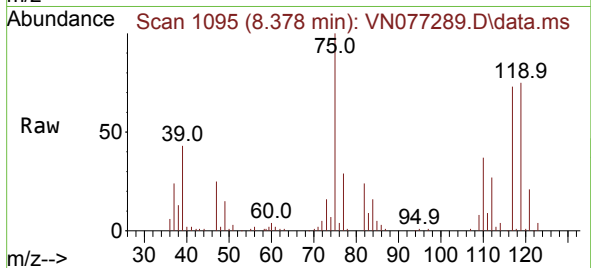
Tgt Ion: 75 Resp: 182031

Ion Ratio Lower Upper

75 100

110 35.4 0.0 72.4

77 29.7 0.0 61.4



#30

2-Butanone

Concen: 74.996 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.001 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

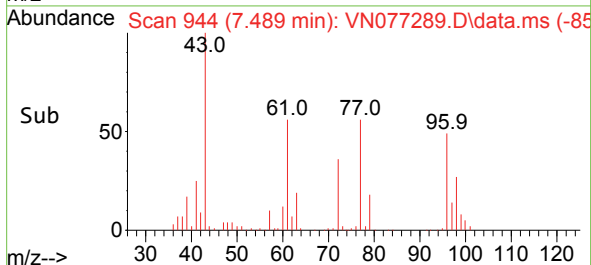
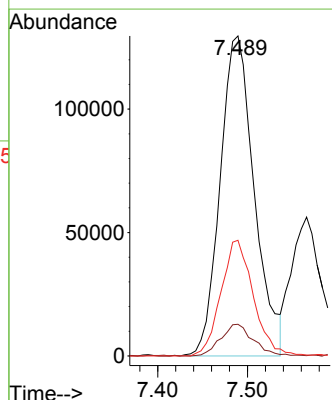
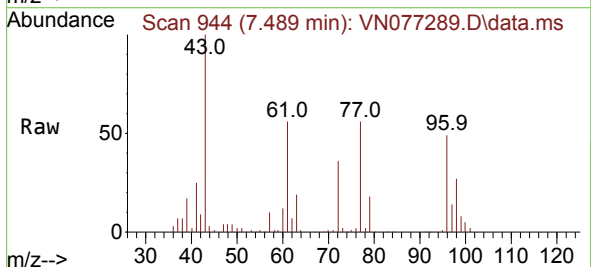
Tgt Ion: 43 Resp: 342632

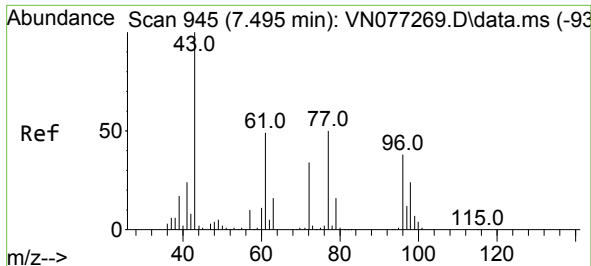
Ion Ratio Lower Upper

43 100

57 9.4 7.5 11.3

72 34.4 26.9 40.3





#31

2,2-Dichloropropane

Concen: 17.568 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

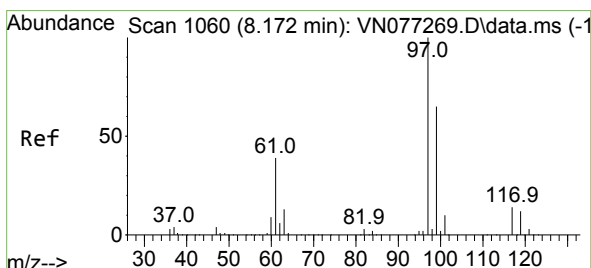
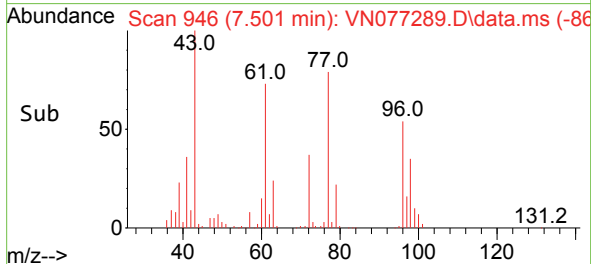
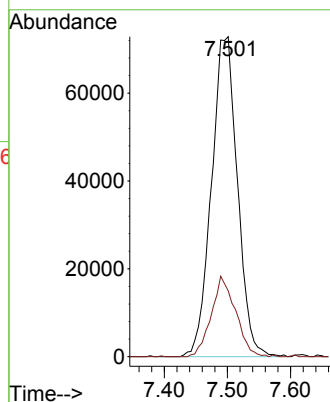
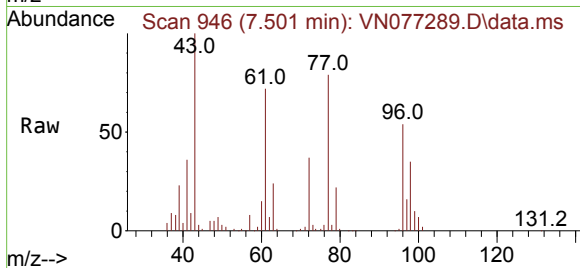
VSTDCCC020EC

Tgt Ion: 77 Resp: 208352

Ion Ratio Lower Upper

77 100

97 23.5 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 18.767 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

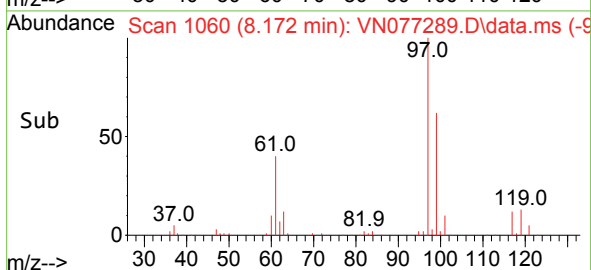
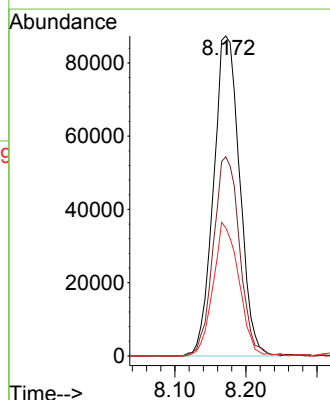
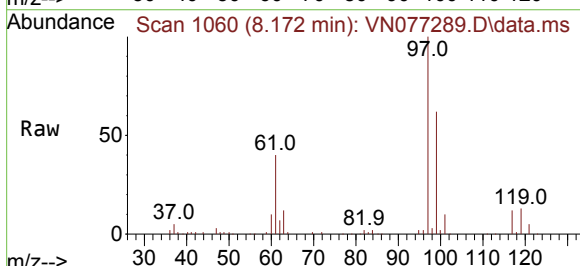
Tgt Ion: 97 Resp: 223134

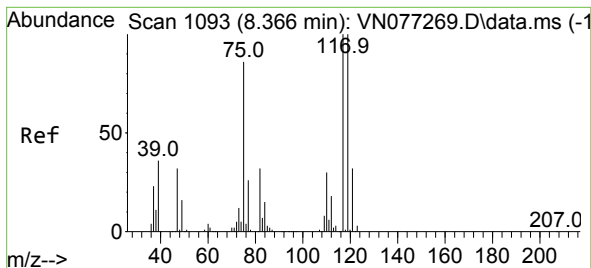
Ion Ratio Lower Upper

97 100

99 62.6 51.6 77.4

61 40.8 32.4 48.6





#33

Carbon Tetrachloride

Concen: 18.762 ug/l

RT: 8.366 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

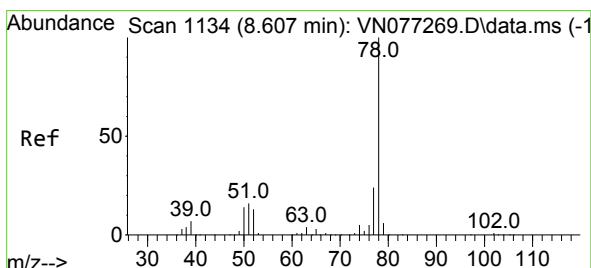
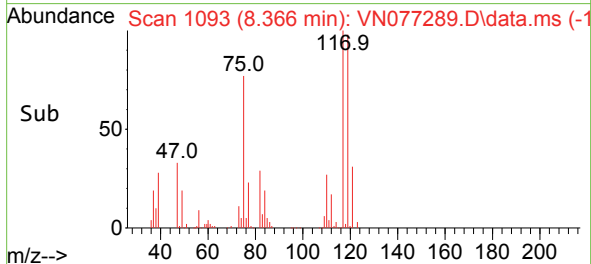
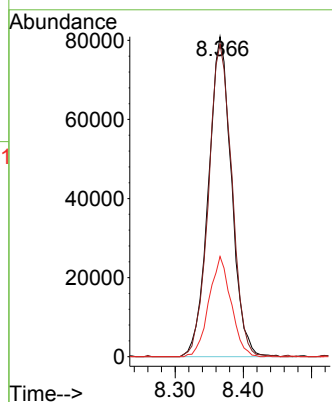
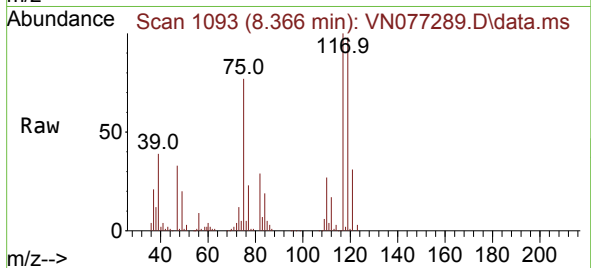
Tgt Ion:117 Resp: 190387

Ion Ratio Lower Upper

117 100

119 97.7 80.2 120.4

121 31.3 26.0 39.0



#34

Benzene

Concen: 18.868 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

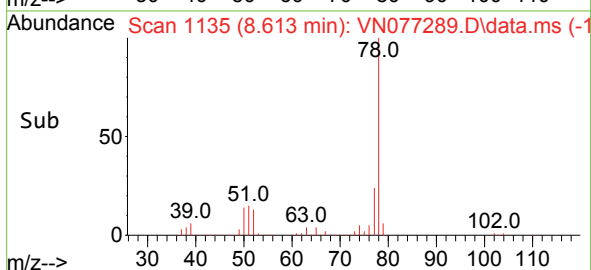
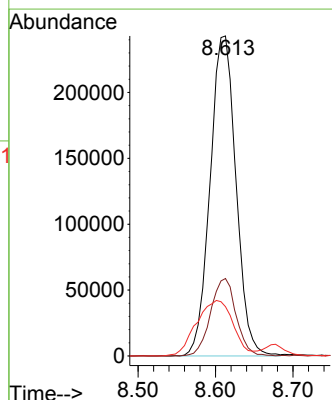
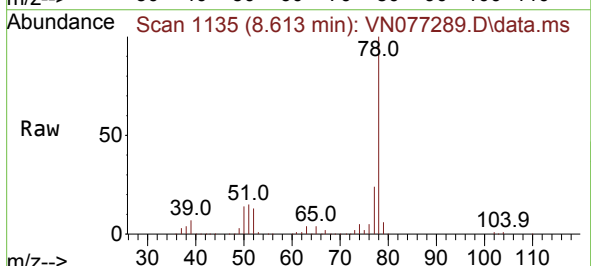
Tgt Ion: 78 Resp: 564037

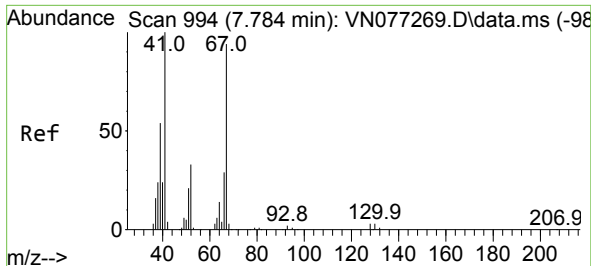
Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

51 13.8 12.6 19.0

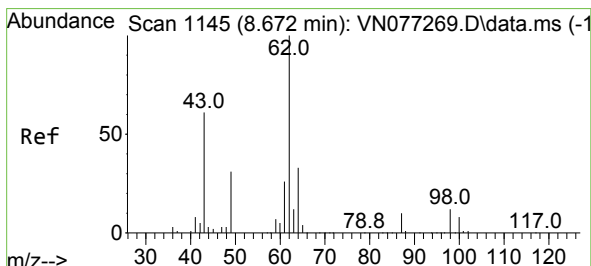
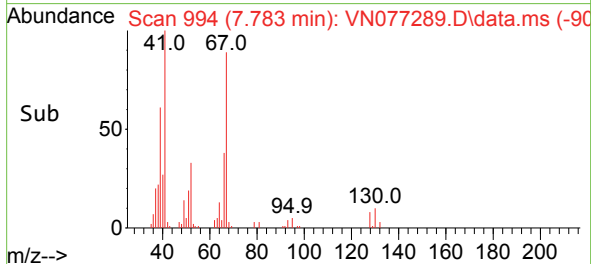
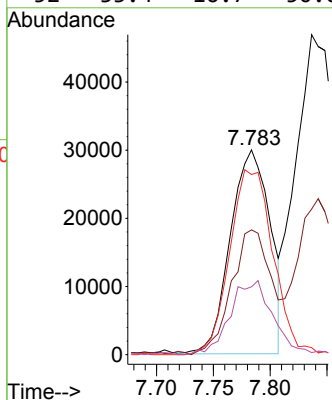
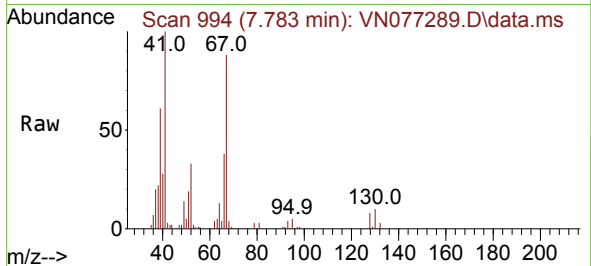




#35
Methacrylonitrile
Concen: 16.931 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

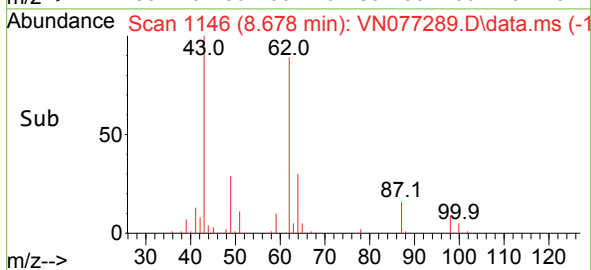
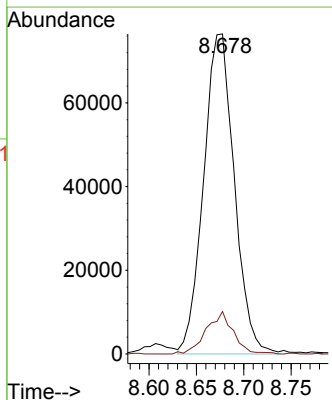
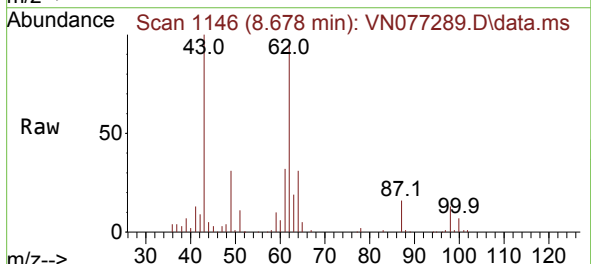
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

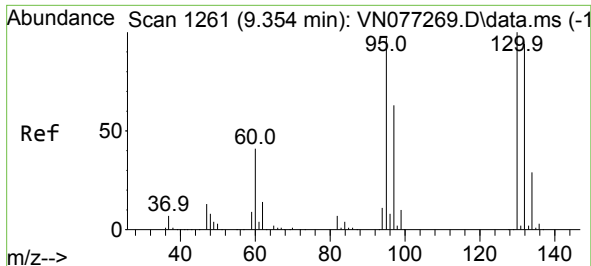
Tgt Ion:	41	Resp:	72869
Ion Ratio	Lower	Upper	
41	100		
39	59.8	27.1	81.2
67	88.6	46.8	140.4
52	33.4	16.7	50.0



#36
1,2-Dichloroethane
Concen: 18.468 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion:	62	Resp:	173087
Ion Ratio	Lower	Upper	
62	100		
98	11.5	8.3	12.5





#37

Trichloroethene

Concen: 18.566 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

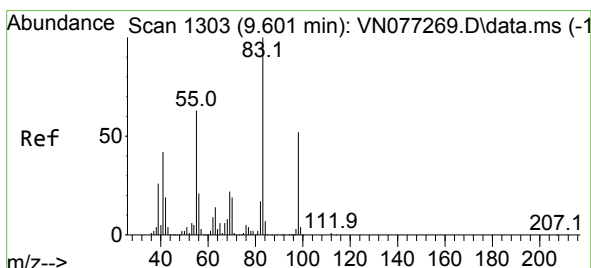
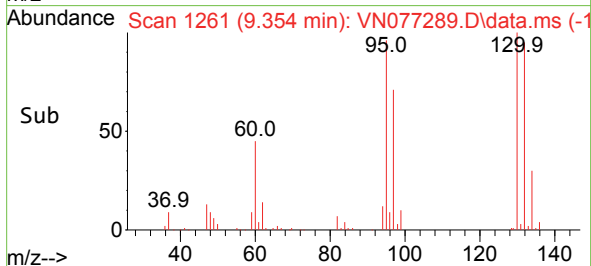
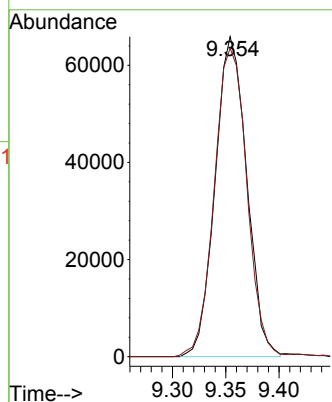
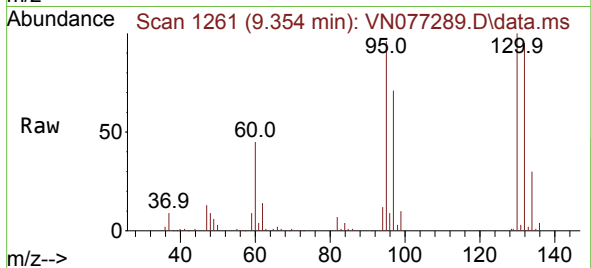
VSTDCCC020EC

Tgt Ion:130 Resp: 135750

Ion Ratio Lower Upper

130 100

95 95.9 77.5 116.3



#38

Methylcyclohexane

Concen: 18.733 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

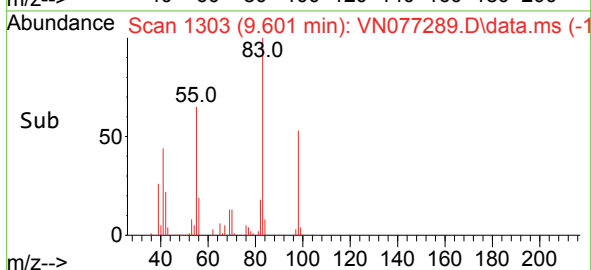
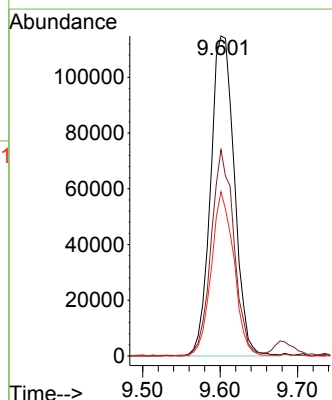
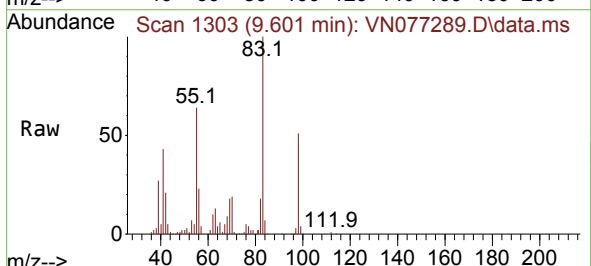
Tgt Ion: 83 Resp: 245455

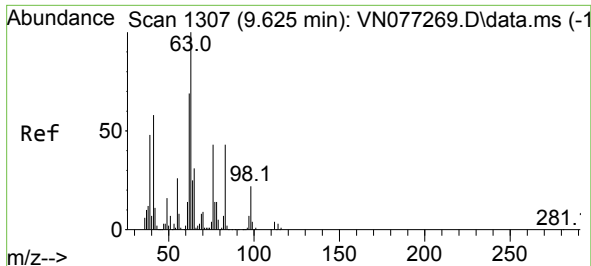
Ion Ratio Lower Upper

83 100

55 61.6 32.0 96.2

98 48.6 25.3 75.9





#39

1,2-Dichloropropane

Concen: 18.813 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

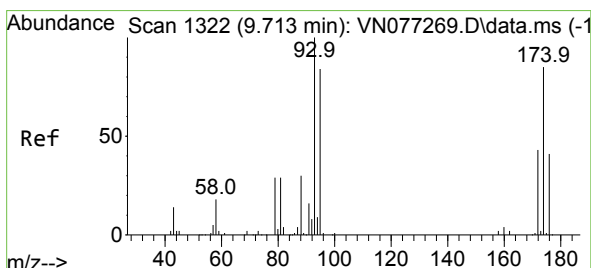
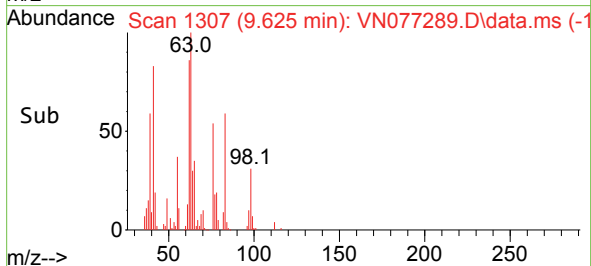
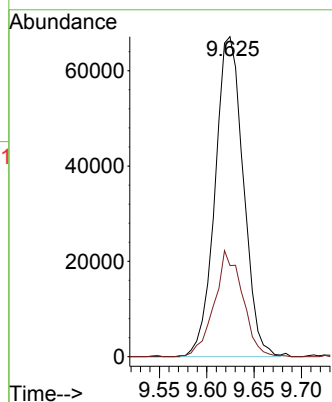
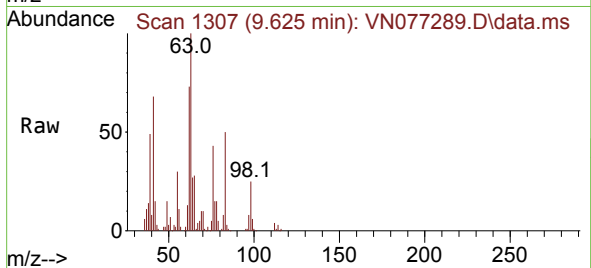
VSTDCCC020EC

Tgt Ion: 63 Resp: 139609

Ion Ratio Lower Upper

63 100

65 28.2 24.8 37.2



#40

Dibromomethane

Concen: 18.373 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

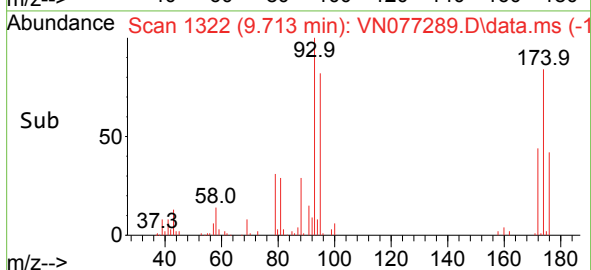
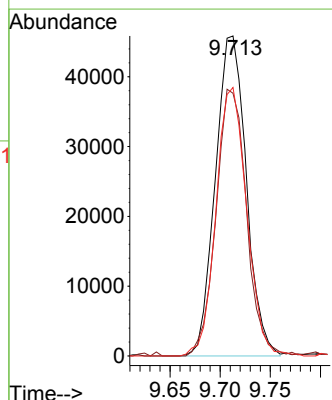
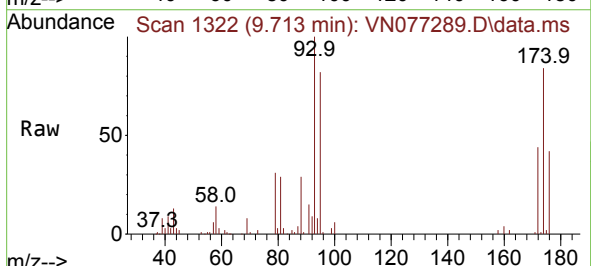
Tgt Ion: 93 Resp: 98238

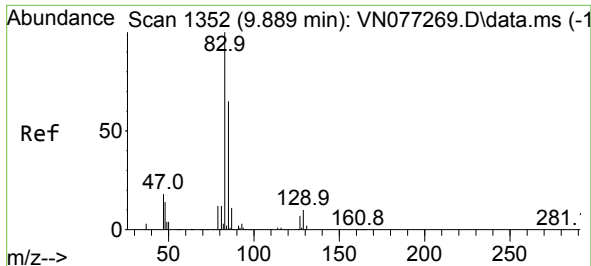
Ion Ratio Lower Upper

93 100

95 81.9 0.0 166.4

174 82.9 0.0 164.8

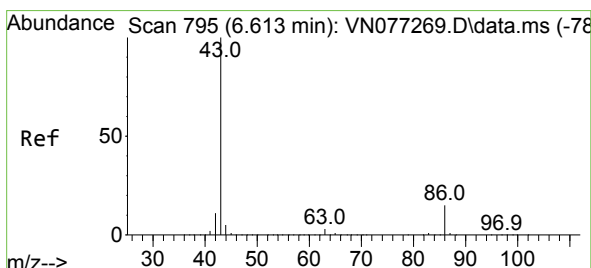
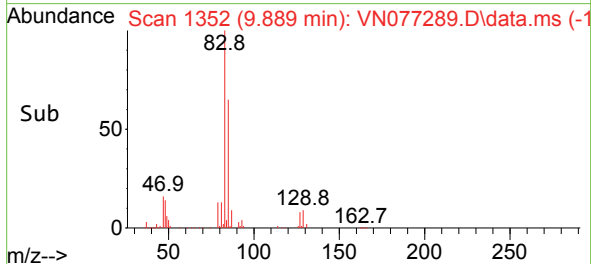
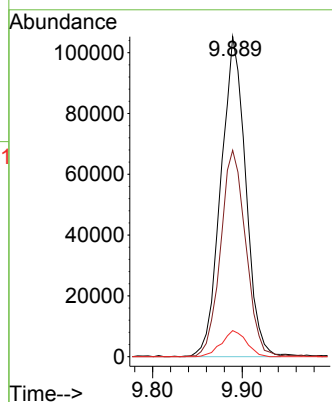
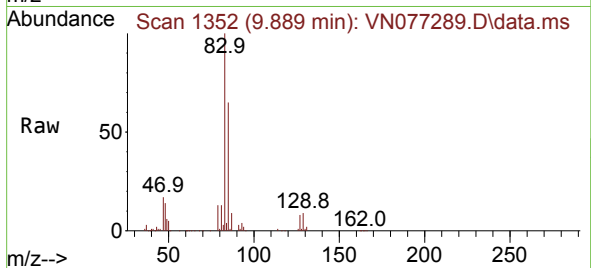




#41
Bromodichloromethane
Concen: 18.889 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

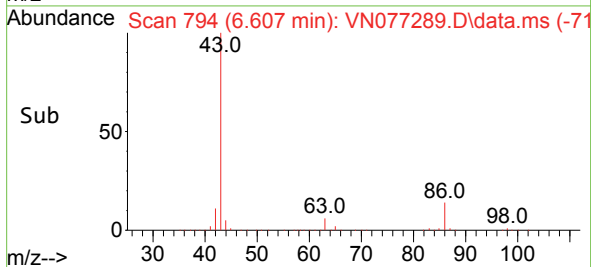
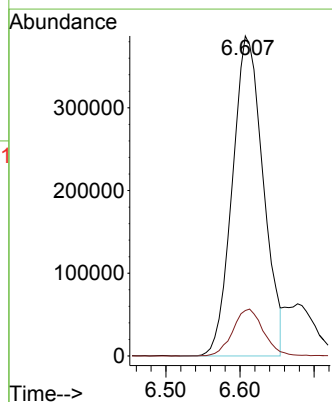
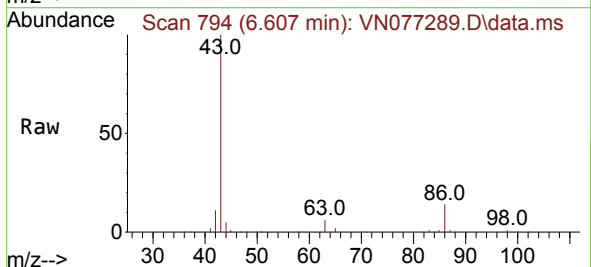
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

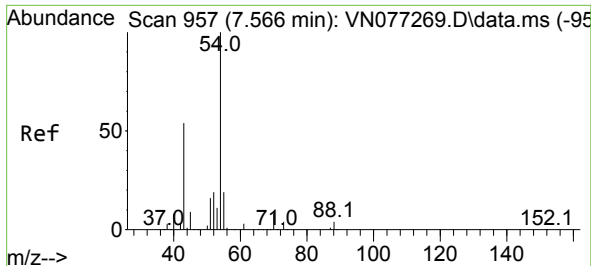
Tgt Ion: 83 Resp: 201385
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5
127 8.1 5.9 8.9



#42
Vinyl Acetate
Concen: 84.523 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 43 Resp: 1117612
Ion Ratio Lower Upper
43 100
86 14.6 0.0 0.0#

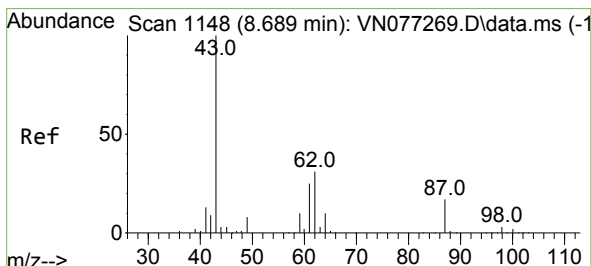
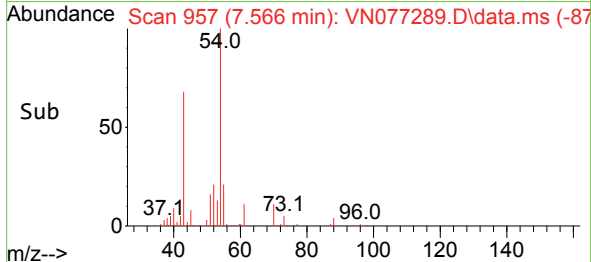
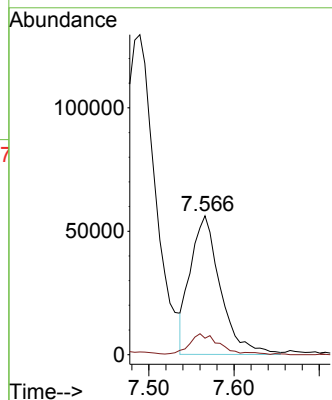
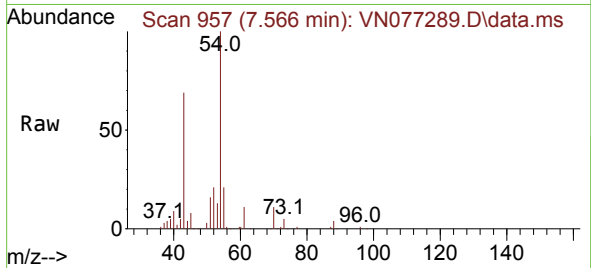




#43
Ethyl Acetate
Concen: 16.207 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

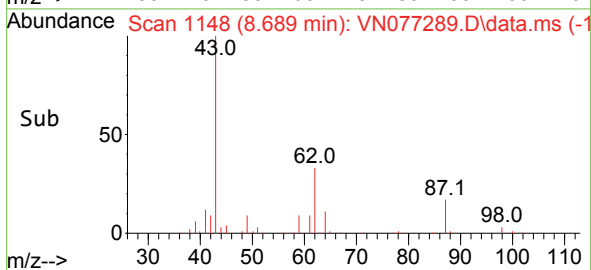
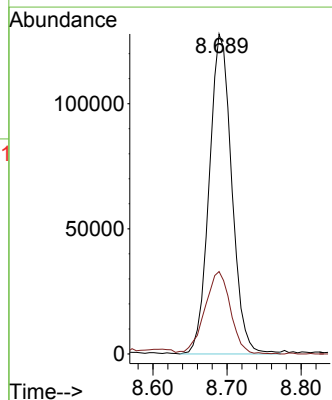
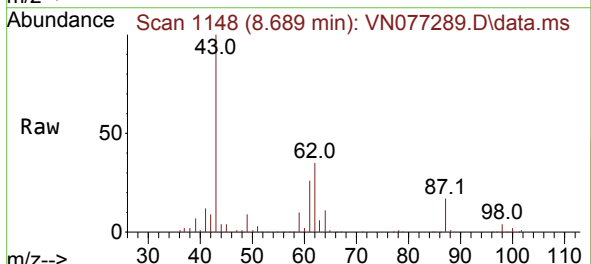
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

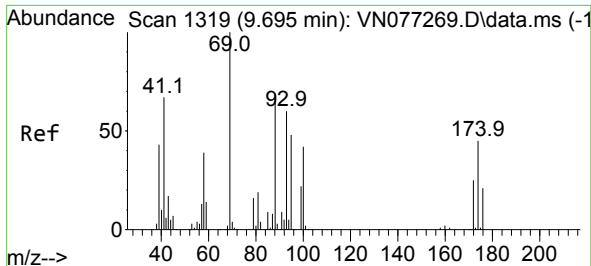
Tgt Ion: 43 Resp: 136990
Ion Ratio Lower Upper
43 100
45 13.8 12.3 18.5



#44
Isopropyl Acetate
Concen: 17.831 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 43 Resp: 269860
Ion Ratio Lower Upper
43 100
61 29.3 0.0 0.0#

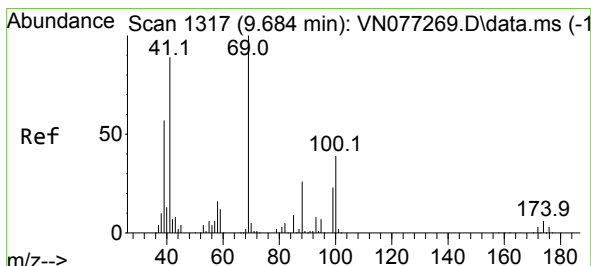
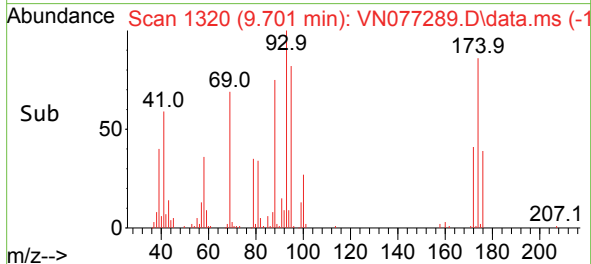
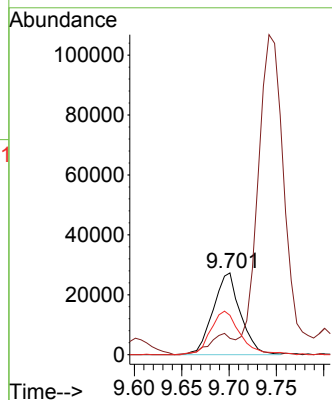
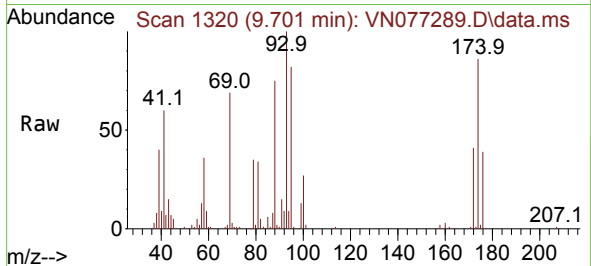




#45
1,4-Dioxane
Concen: 343.644 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

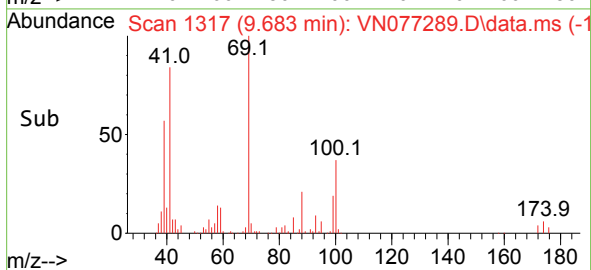
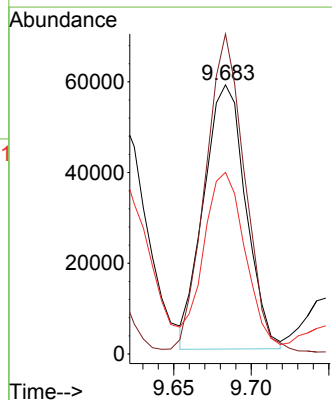
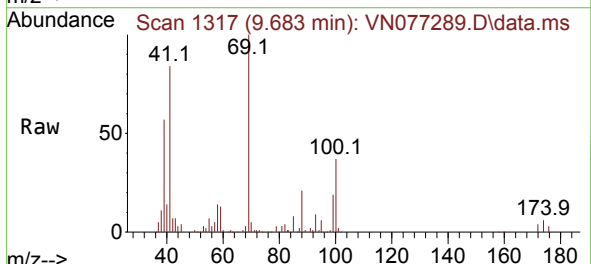
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

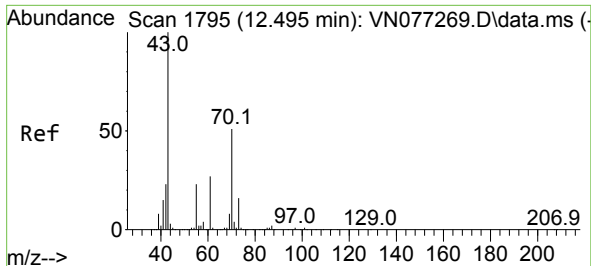
Tgt Ion: 88 Resp: 54849
Ion Ratio Lower Upper
88 100
43 23.3 17.4 26.0
58 57.6 48.2 72.4



#46
Methyl methacrylate
Concen: 16.896 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 41 Resp: 110090
Ion Ratio Lower Upper
41 100
69 120.2 54.5 163.5
39 67.1 33.4 100.2

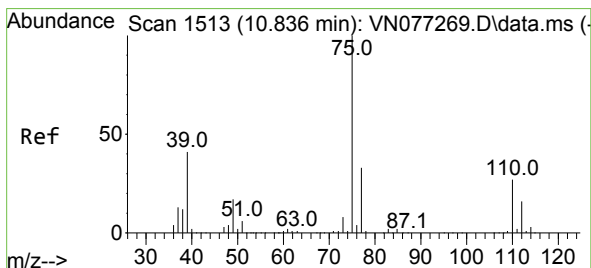
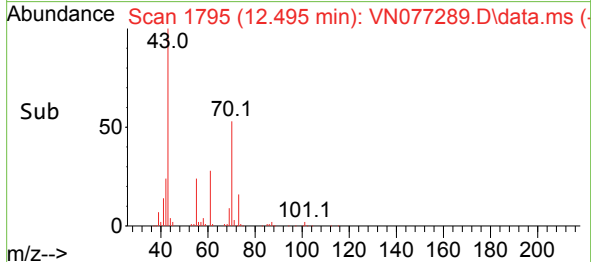
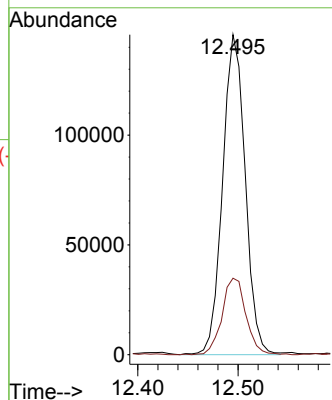
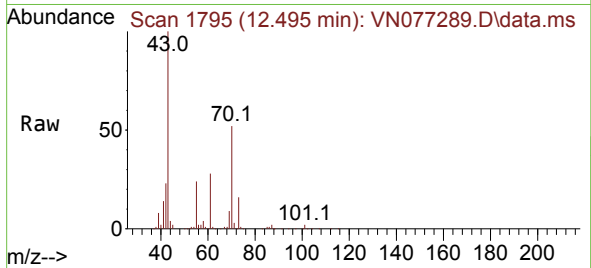




#47
n-amyl acetate
Concen: 17.265 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

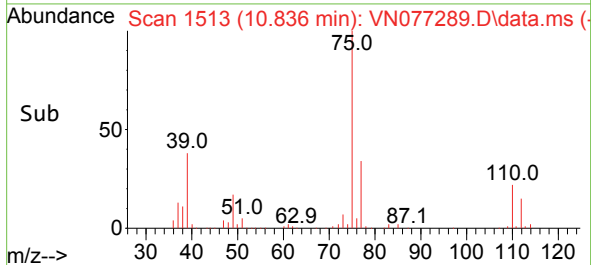
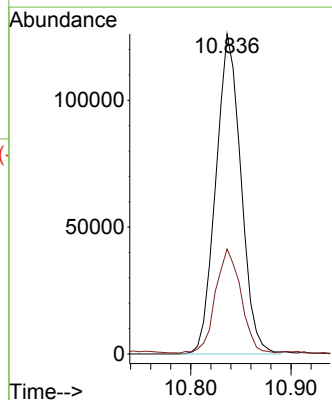
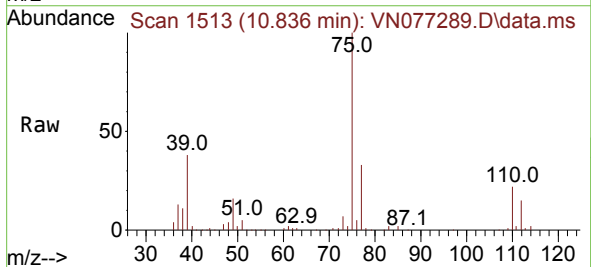
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

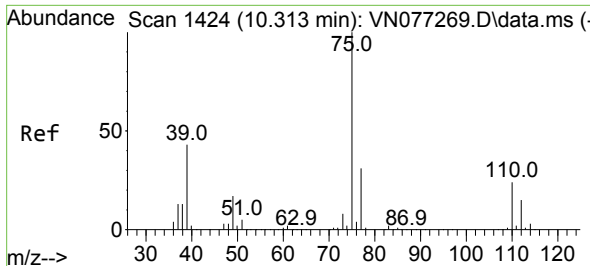
Tgt Ion: 43 Resp: 228340
Ion Ratio Lower Upper
43 100
55 25.2 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 18.396 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 75 Resp: 219499
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7

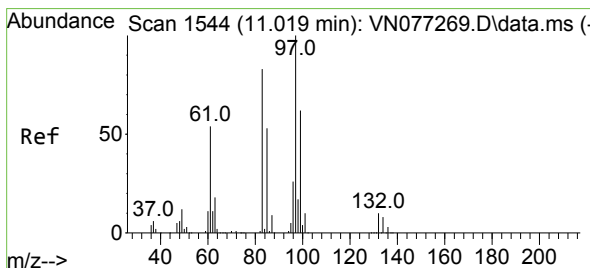
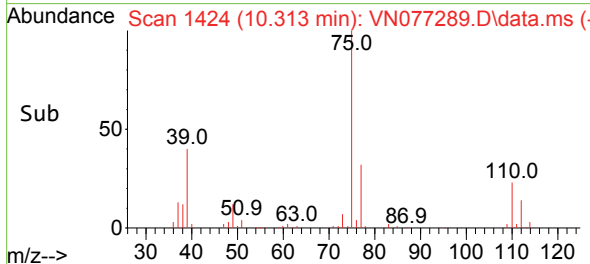
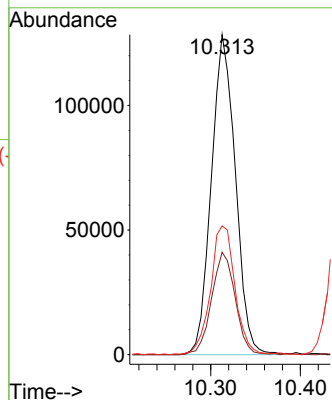
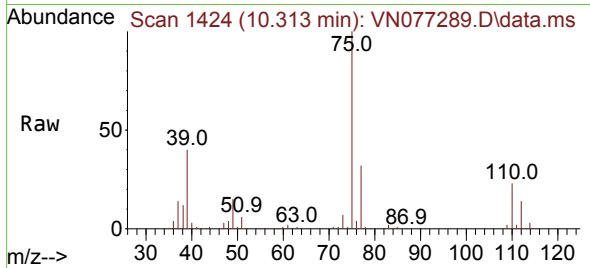




#49
 cis-1,3-Dichloropropene
 Concen: 18.820 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

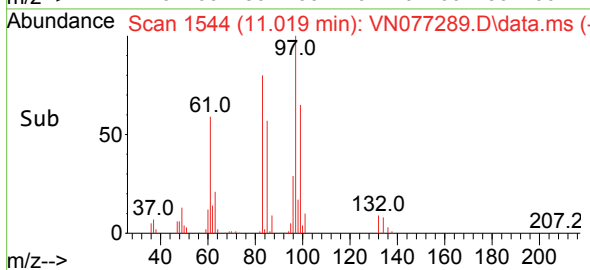
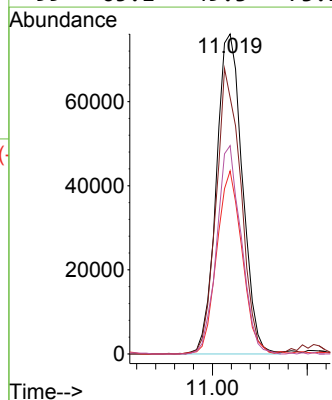
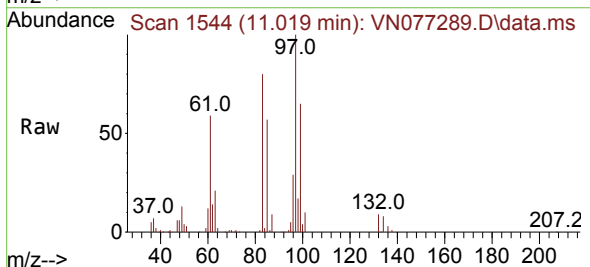
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

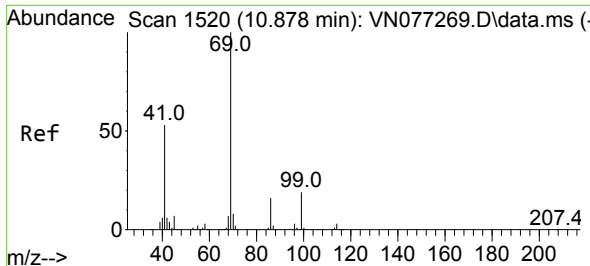
Tgt Ion: 75 Resp: 238902
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6
 39 40.0 34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 18.718 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion: 97 Resp: 145368
 Ion Ratio Lower Upper
 97 100
 83 79.9 66.7 100.1
 85 57.2 42.4 63.6
 99 65.1 49.3 73.9

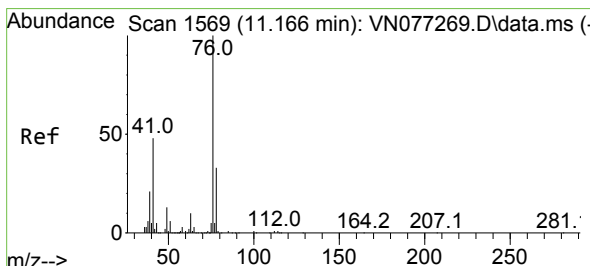
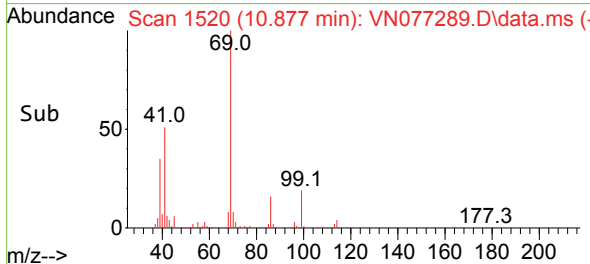
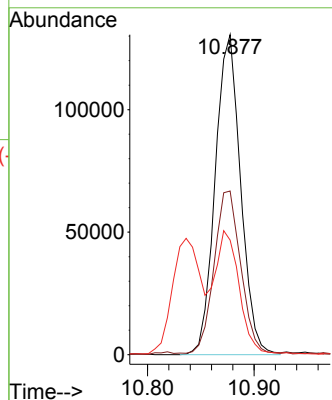
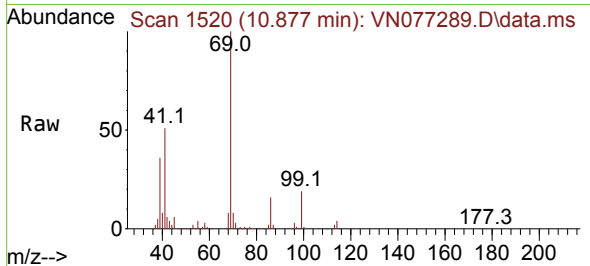




#51
Ethyl methacrylate
Concen: 18.137 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

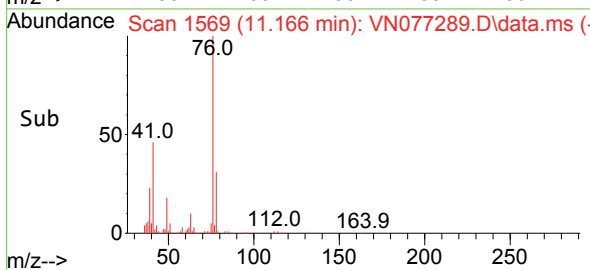
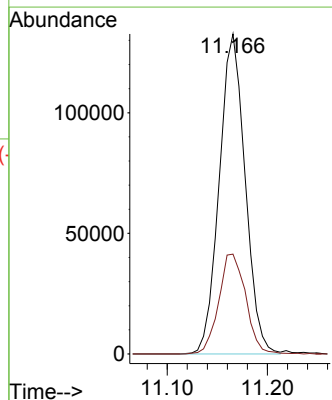
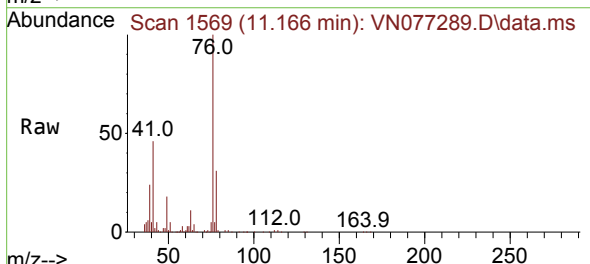
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

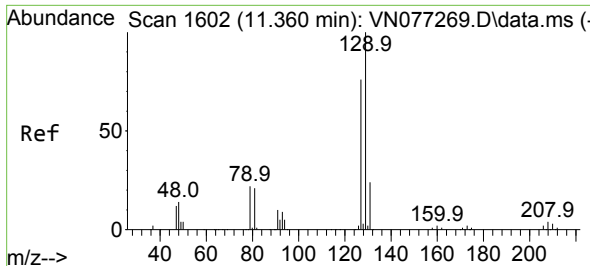
Tgt Ion: 69 Resp: 216316
Ion Ratio Lower Upper
69 100
41 50.8 26.7 80.0
39 35.3 17.0 50.9



#52
1,3-Dichloropropane
Concen: 18.342 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 76 Resp: 237747
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0

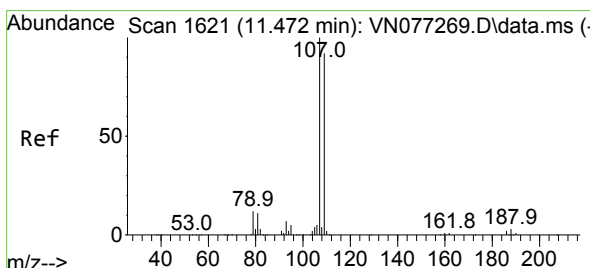
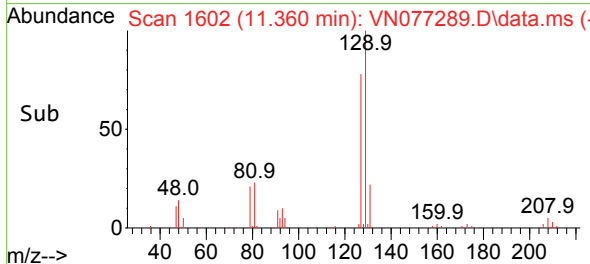
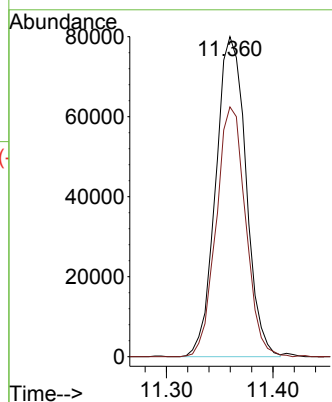
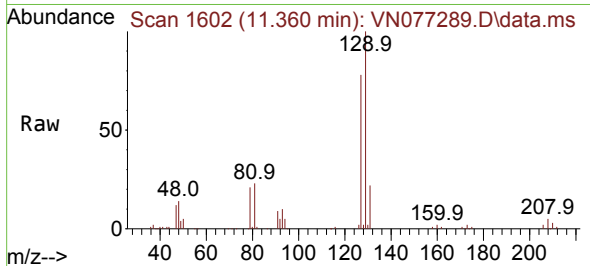




#53
Dibromochloromethane
Concen: 19.224 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

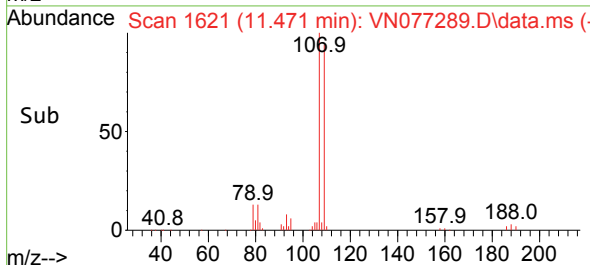
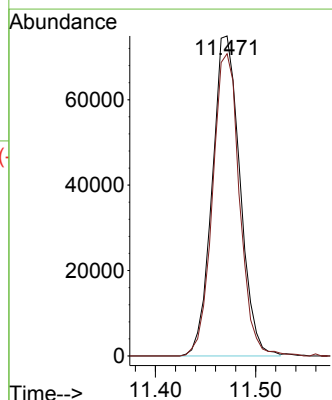
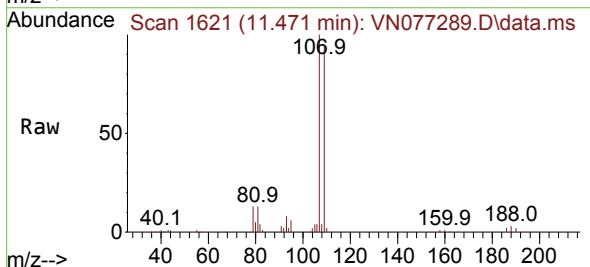
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

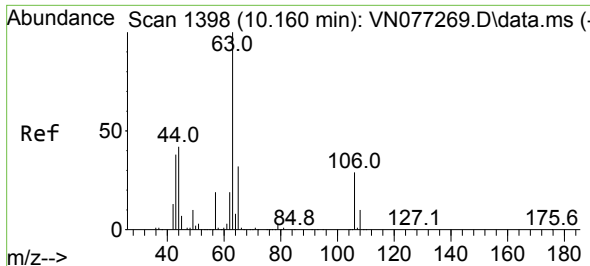
Tgt Ion:129 Resp: 157357
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8



#54
1,2-Dibromoethane
Concen: 18.518 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion:107 Resp: 144377
Ion Ratio Lower Upper
107 100
109 91.3 74.1 111.1

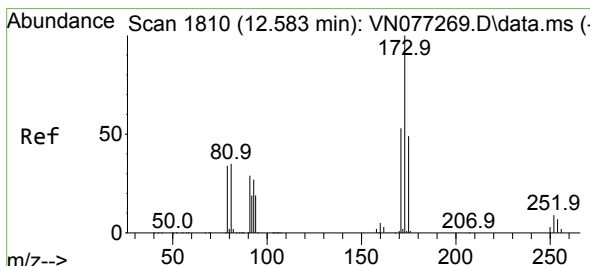
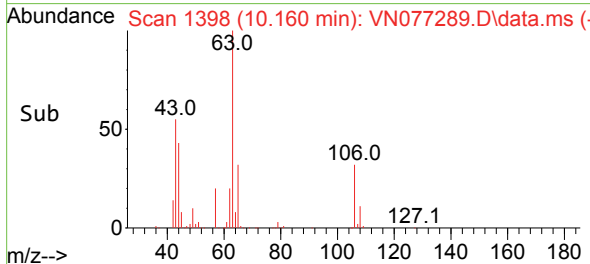
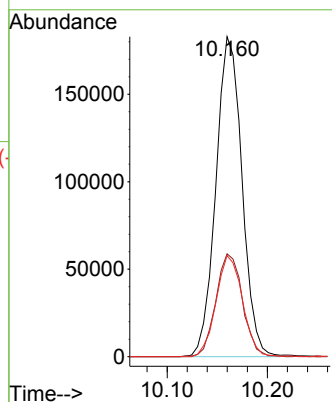
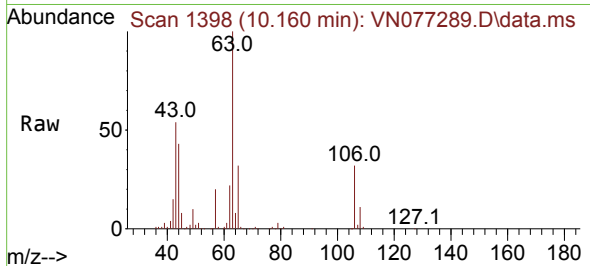




#55
2-Chloroethyl vinyl ether
Concen: 89.763 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

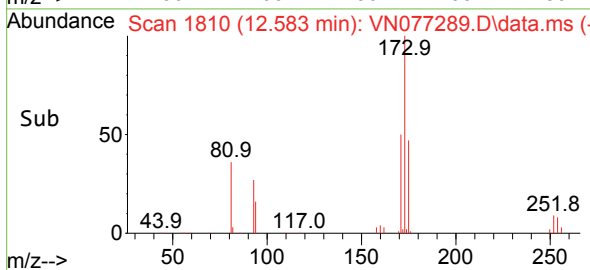
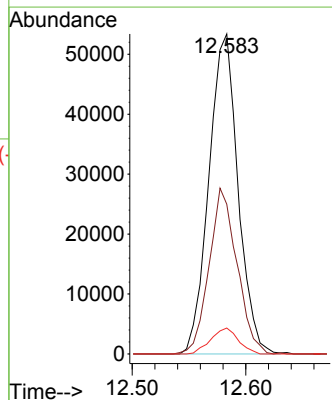
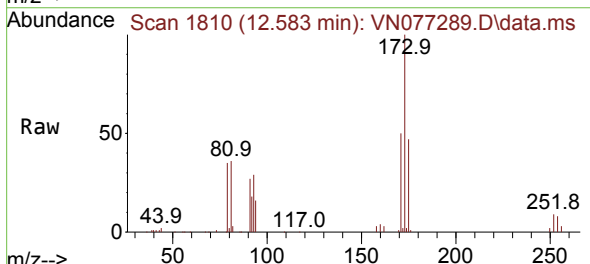
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

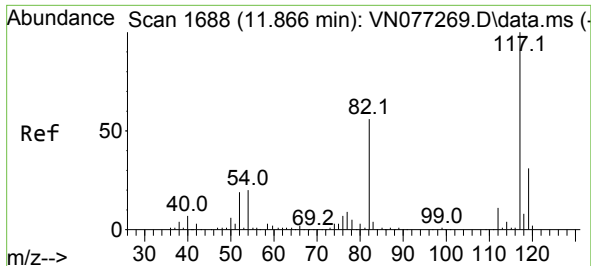
Tgt Ion: 63 Resp: 330531
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 31.9 24.0 36.0



#56
Bromoform
Concen: 17.325 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 173 Resp: 95260
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.2
254 7.7 6.0 9.0

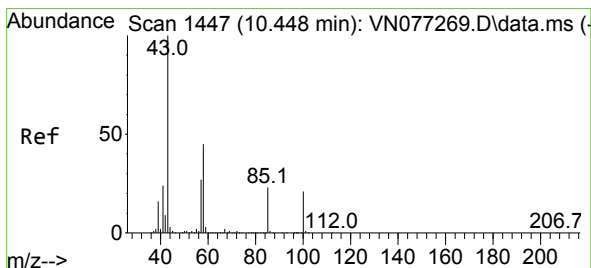
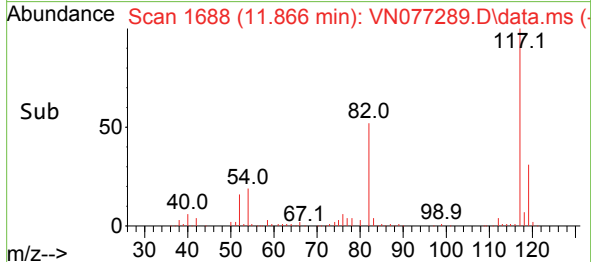
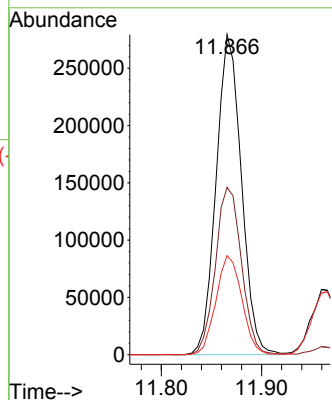
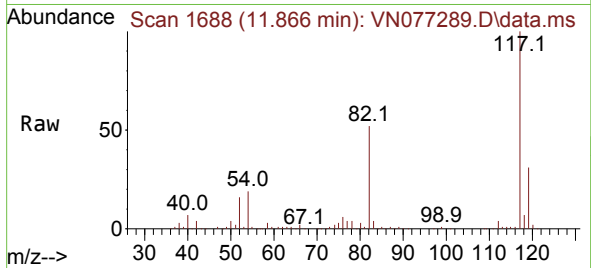




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

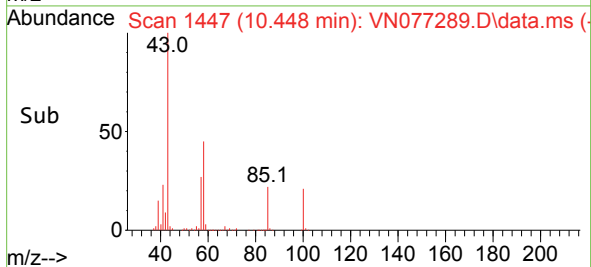
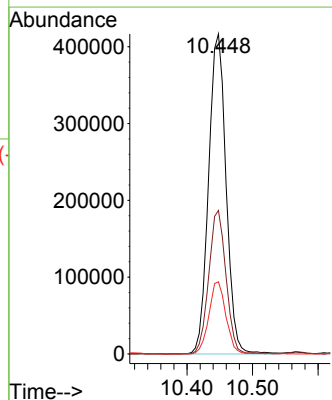
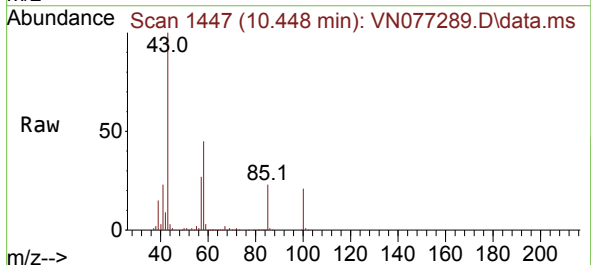
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

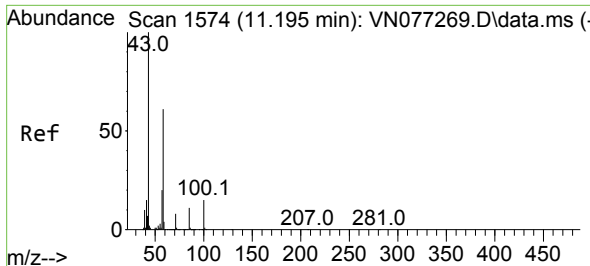
Tgt Ion:117 Resp: 487594
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 31.8 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 84.689 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 43 Resp: 773166
Ion Ratio Lower Upper
43 100
58 44.1 34.7 52.1
85 22.0 17.8 26.8

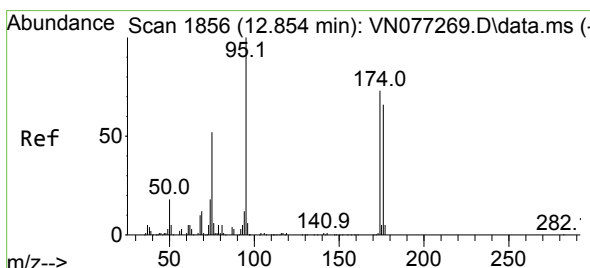
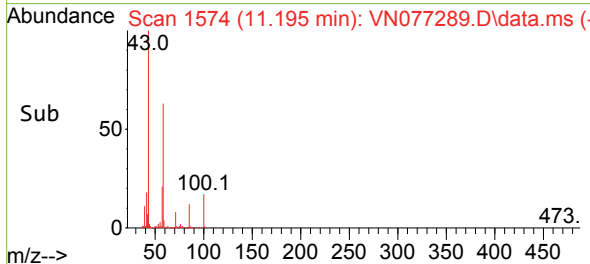
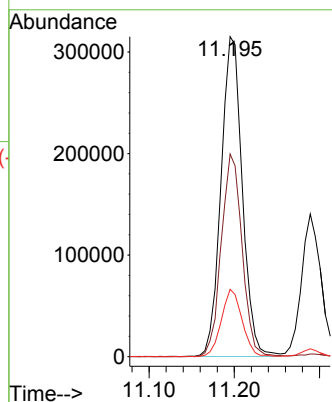
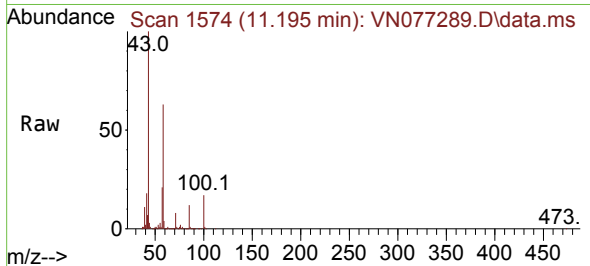




#59
2-Hexanone
Concen: 77.547 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

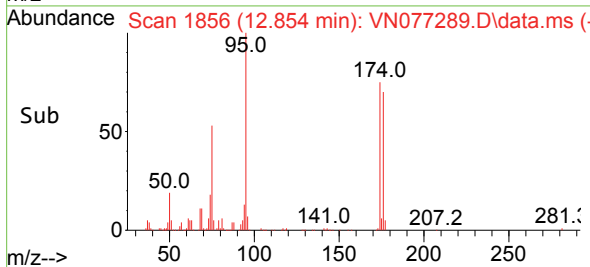
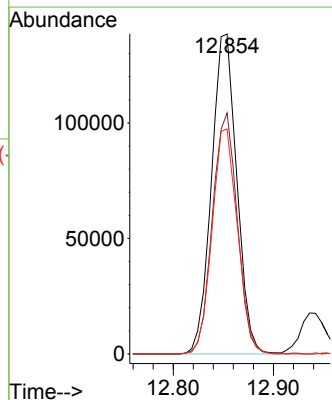
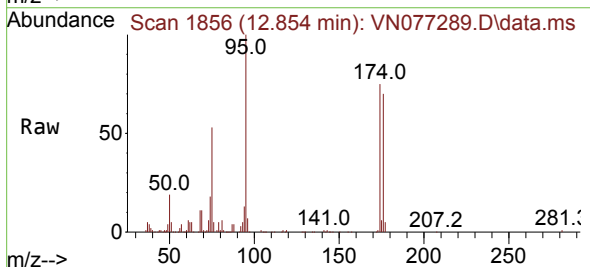
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

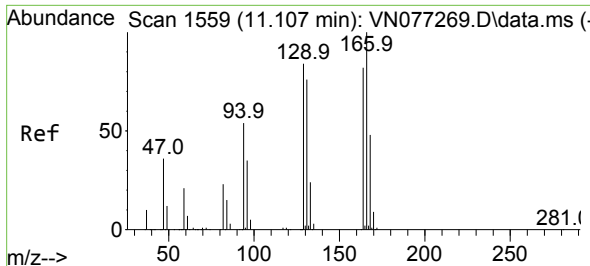
Tgt Ion: 43 Resp: 547226
Ion Ratio Lower Upper
43 100
58 62.2 48.6 73.0
57 20.6 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 28.821 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 95 Resp: 242994
Ion Ratio Lower Upper
95 100
174 73.9 57.8 86.8
176 70.9 54.6 81.8

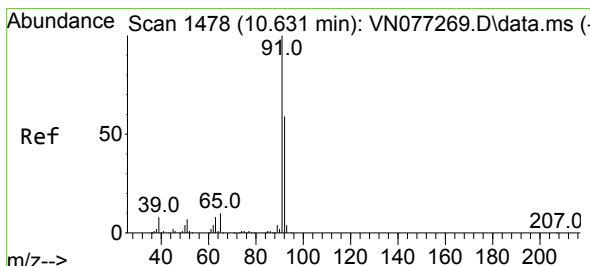
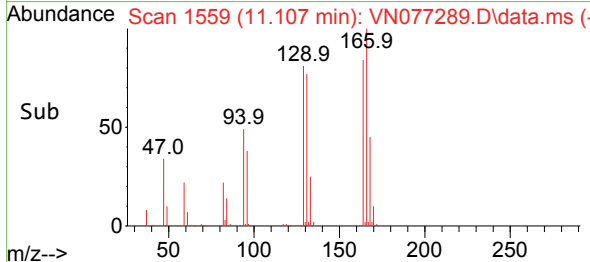
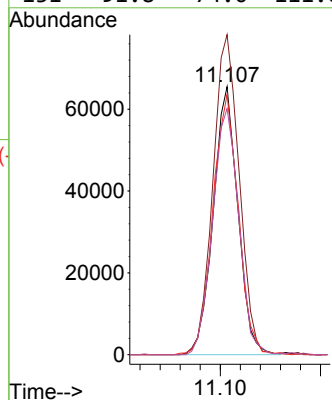
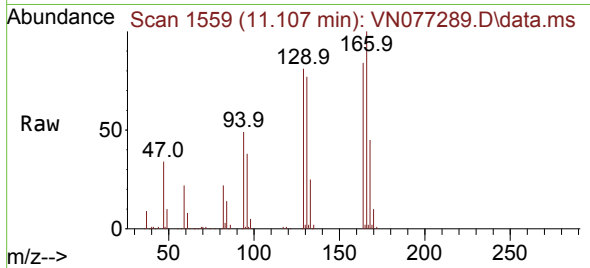




#61
Tetrachloroethene
Concen: 19.235 ug/l
RT: 11.107 min Scan# 111551
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

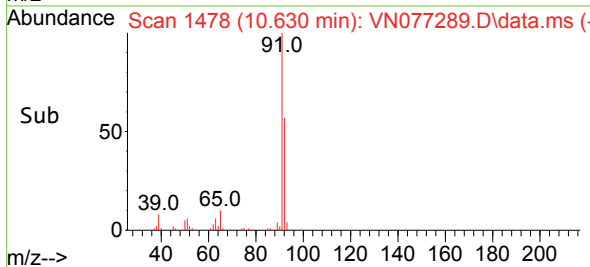
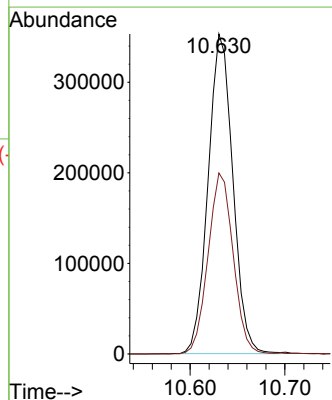
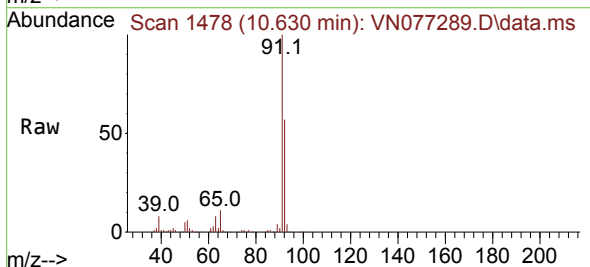
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

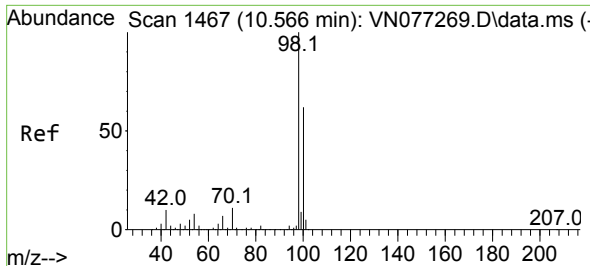
Tgt Ion:164 Resp: 111551
Ion Ratio Lower Upper
164 100
166 119.4 97.9 146.9
129 96.6 82.5 123.7
131 91.8 74.0 111.0



#62
Toluene
Concen: 18.814 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 91 Resp: 640066
Ion Ratio Lower Upper
91 100
92 57.6 46.6 70.0

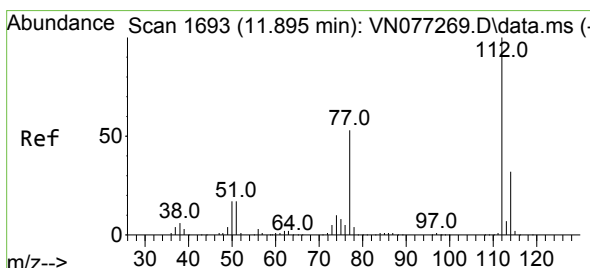
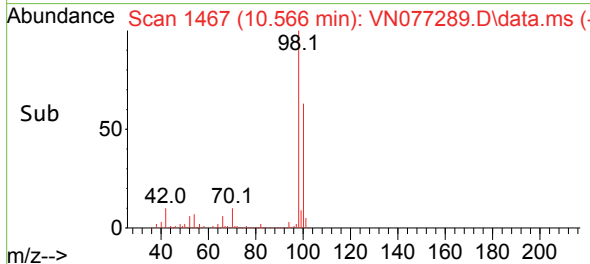
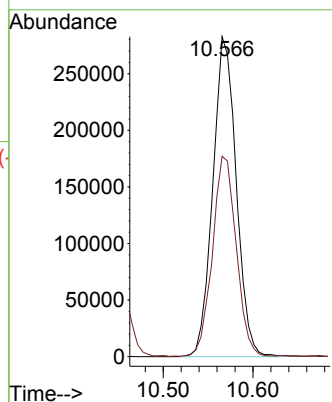
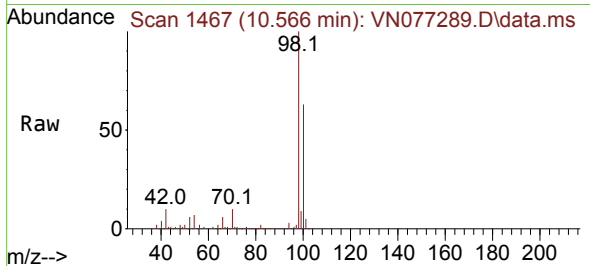




#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

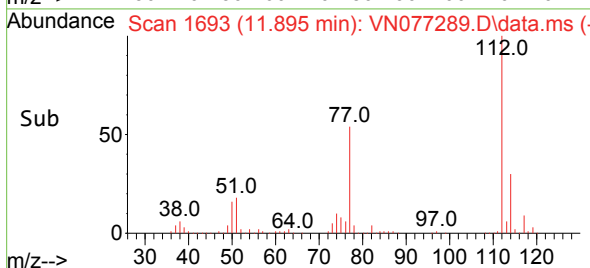
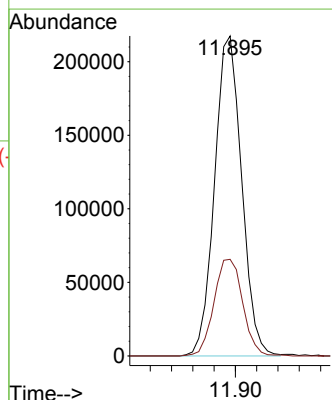
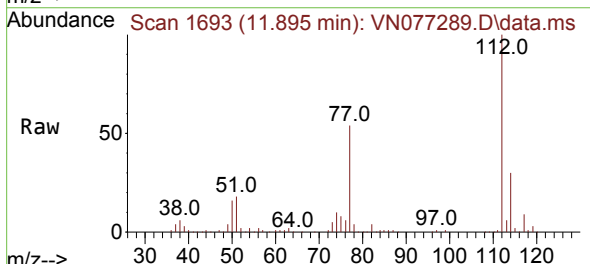
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

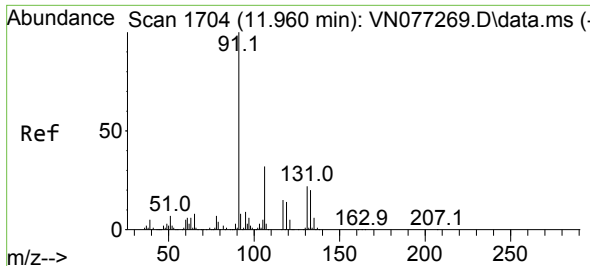
Tgt Ion: 98 Resp: 511913
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



#64
Chlorobenzene
Concen: 18.566 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 112 Resp: 383738
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4

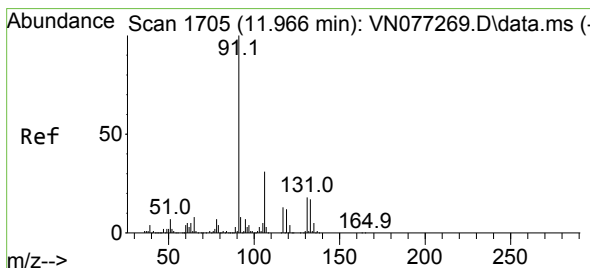
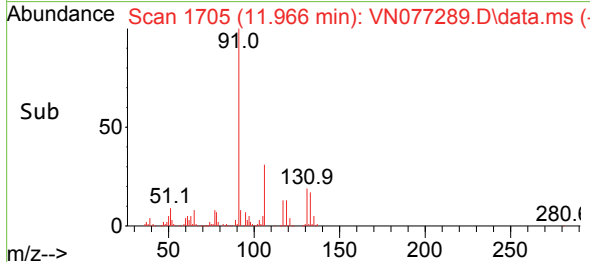
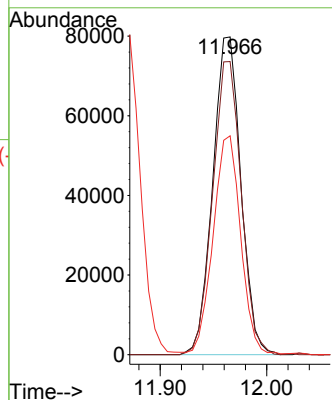
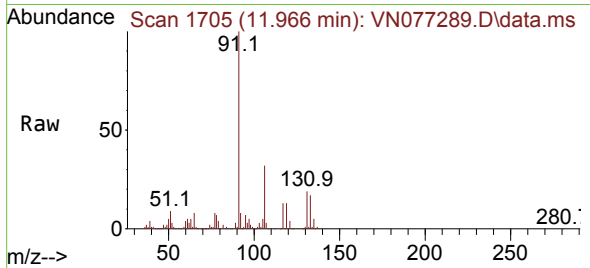




#65
1,1,1,2-Tetrachloroethane
Concen: 19.279 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

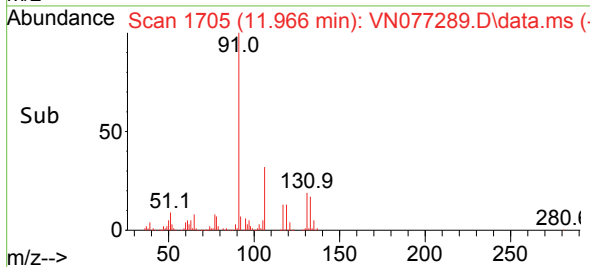
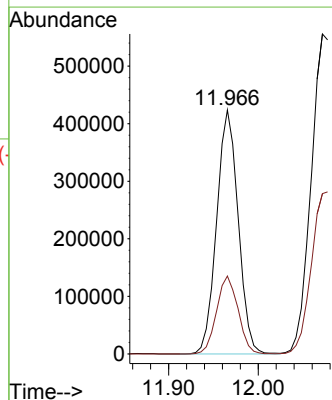
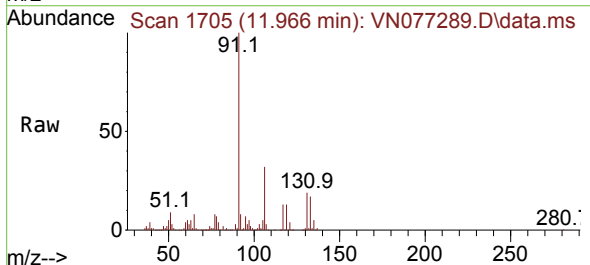
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

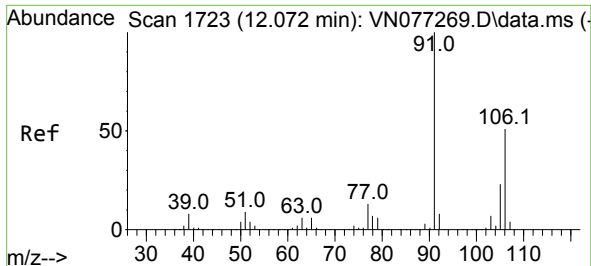
Tgt Ion:131 Resp: 146528
Ion Ratio Lower Upper
131 100
133 93.6 0.0 184.4
119 67.5 0.0 134.8



#66
Ethyl Benzene
Concen: 18.749 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 91 Resp: 706657
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

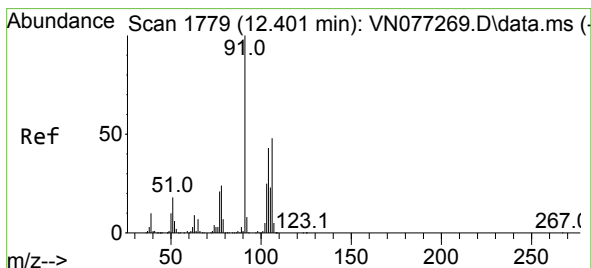
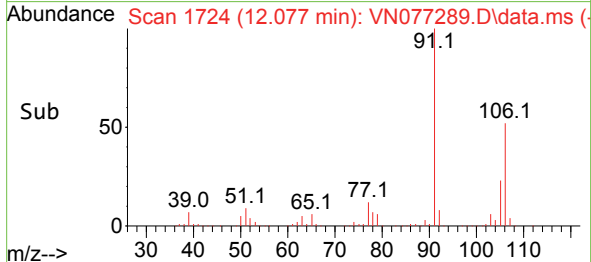
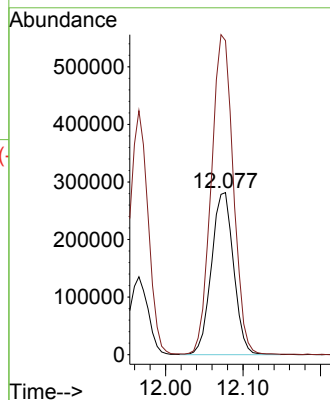
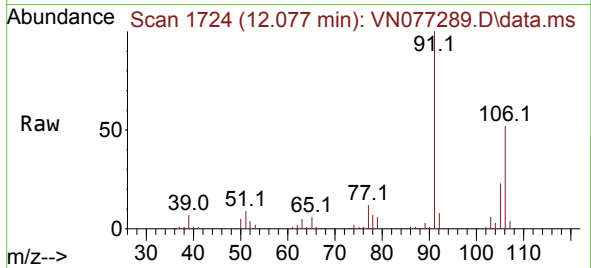




#67
m/p-Xylenes
Concen: 37.877 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

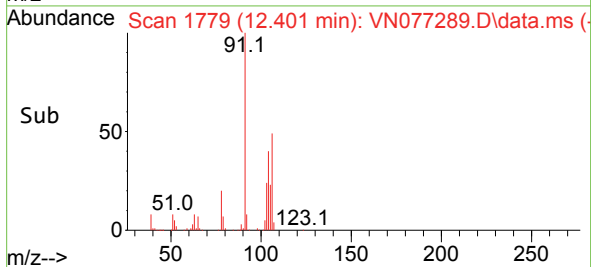
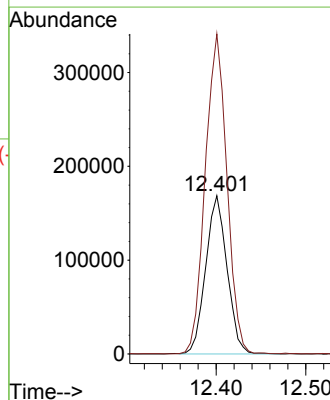
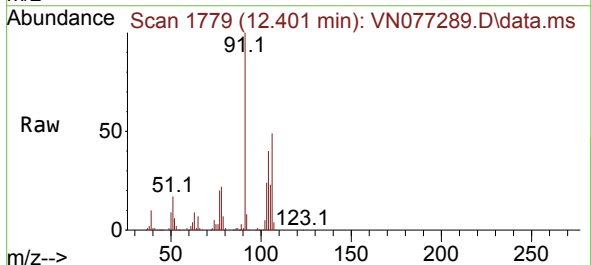
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

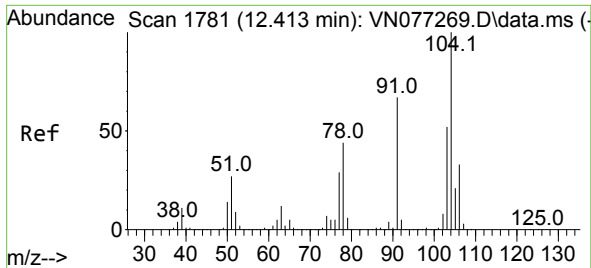
Tgt Ion:106 Resp: 559575
Ion Ratio Lower Upper
106 100
91 196.6 158.0 237.0



#68
o-Xylene
Concen: 18.871 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion:106 Resp: 278905
Ion Ratio Lower Upper
106 100
91 204.8 103.6 310.8

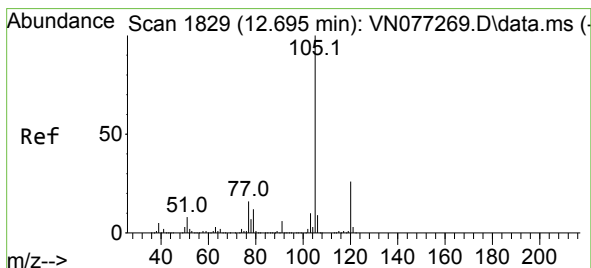
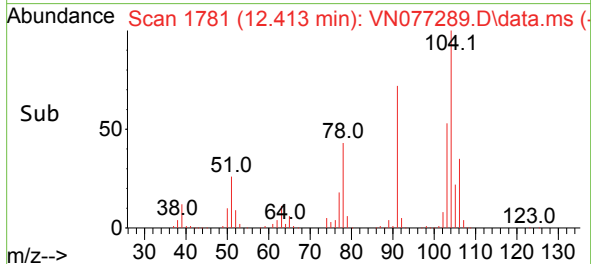
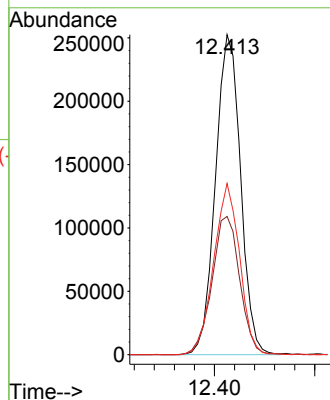
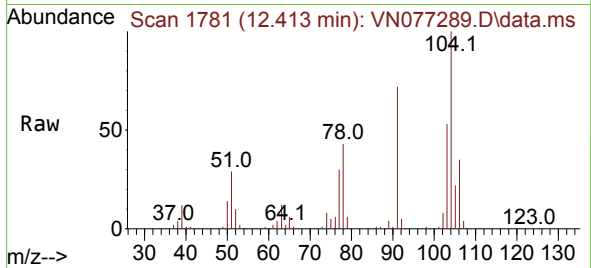




#69
Styrene
Concen: 18.540 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

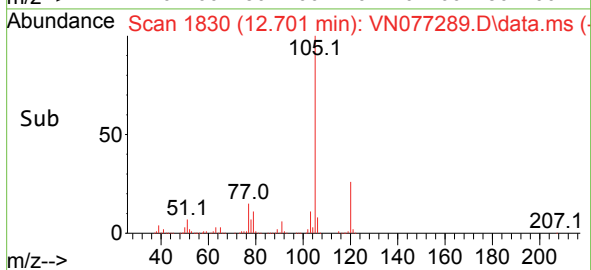
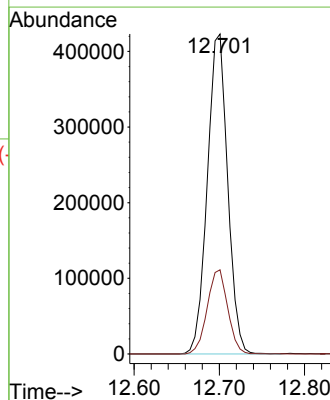
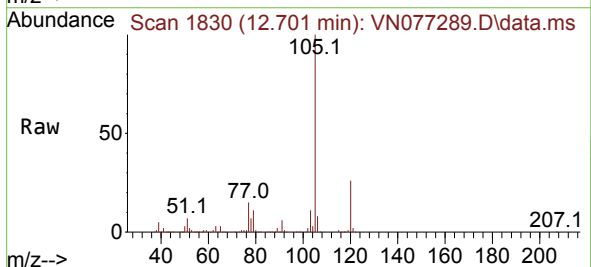
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

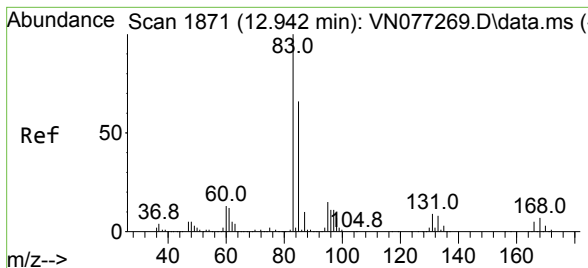
Tgt Ion:104 Resp: 439021
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 55.1 43.6 65.4



#70
Isopropylbenzene
Concen: 18.724 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion:105 Resp: 702319
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1

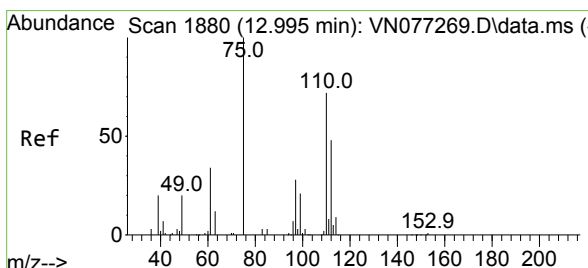
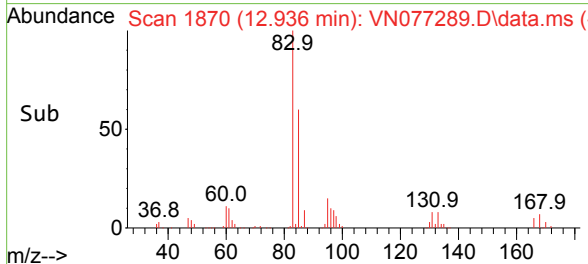
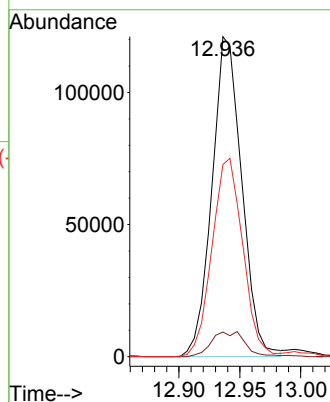
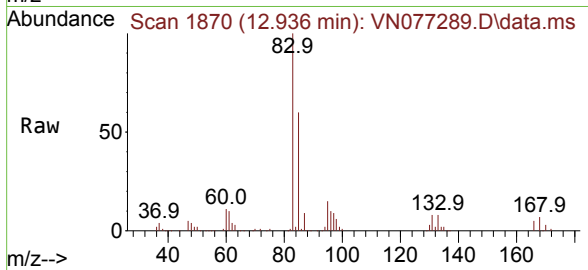




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.973 ug/l
 RT: 12.936 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

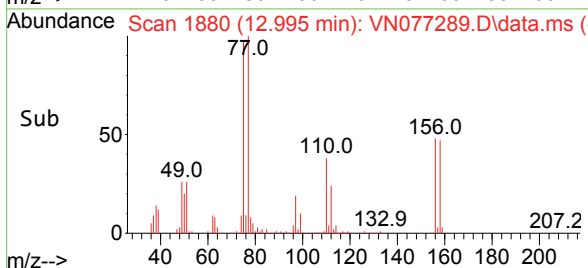
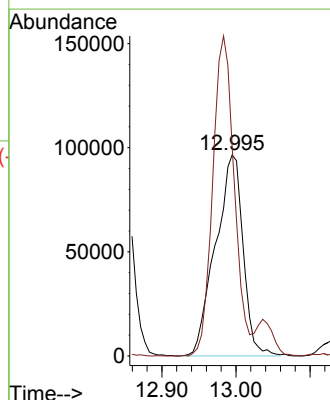
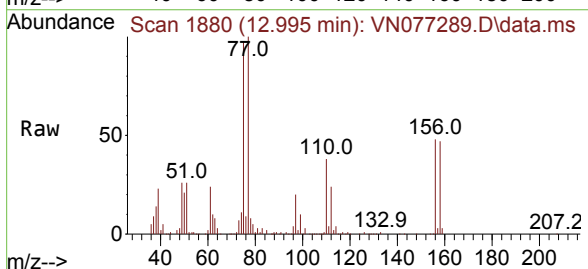
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

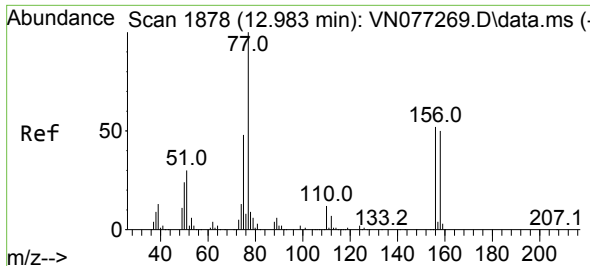
Tgt Ion: 83 Resp: 206441
 Ion Ratio Lower Upper
 83 100
 131 5.4 4.7 14.0
 85 63.9 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 31.962 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion: 75 Resp: 249559
 Ion Ratio Lower Upper
 75 100
 77 123.5 0.0 434.2

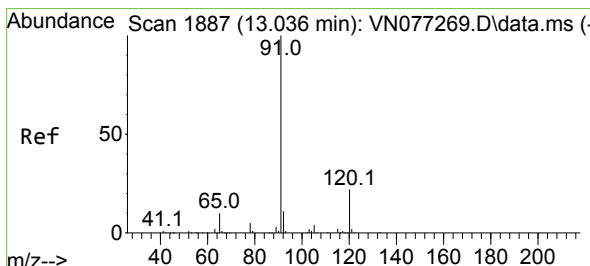
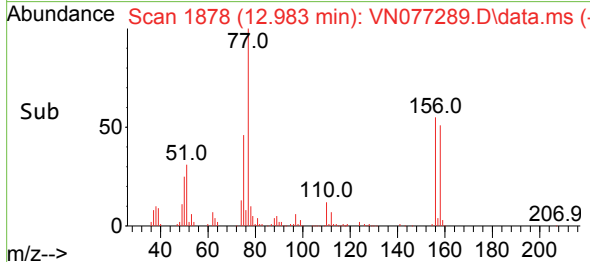
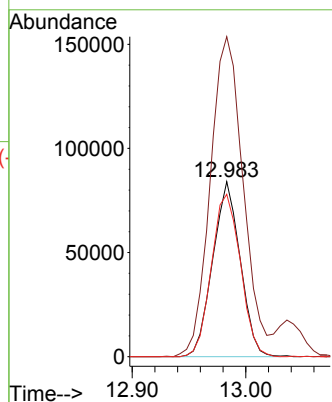
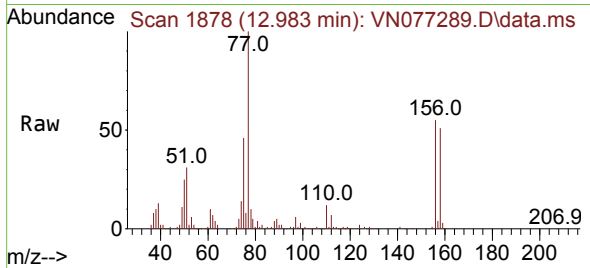




#73
Bromobenzene
Concen: 18.534 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

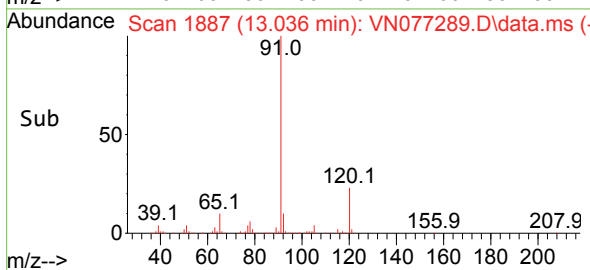
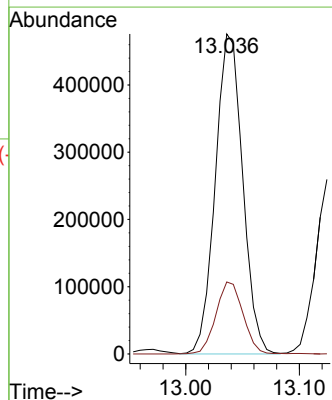
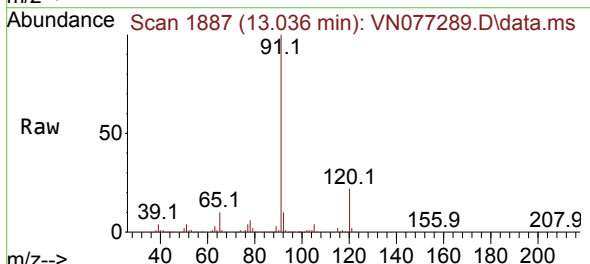
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

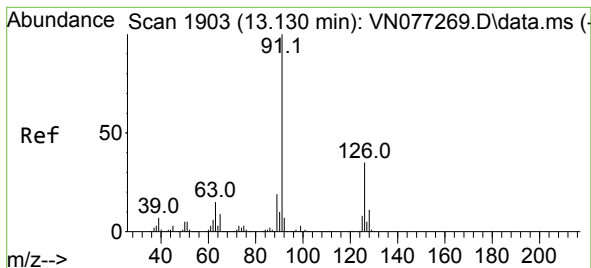
Tgt Ion:156 Resp: 141237
Ion Ratio Lower Upper
156 100
77 218.2 0.0 456.6
158 98.1 0.0 195.6



#74
n-propylbenzene
Concen: 19.177 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 91 Resp: 795846
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.6





#75

2-Chlorotoluene

Concen: 18.781 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

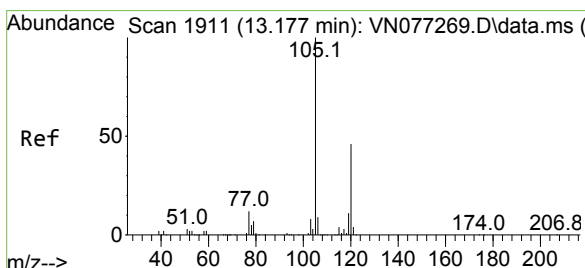
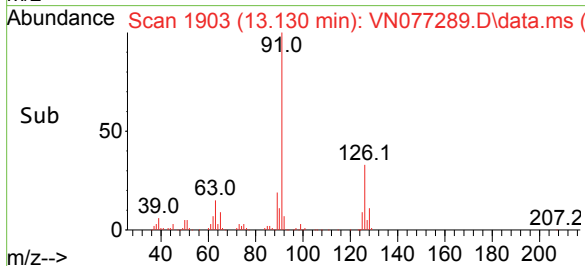
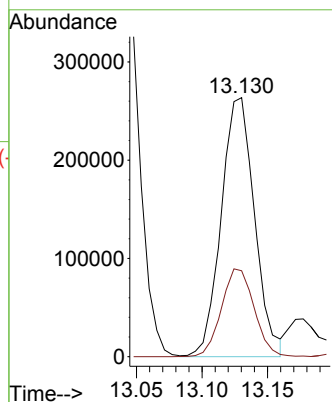
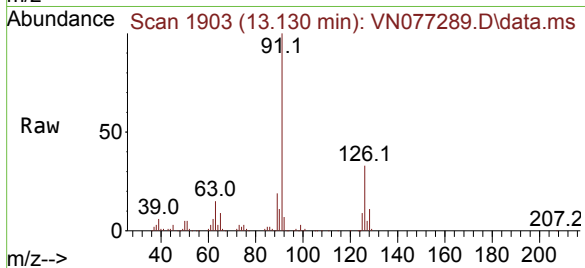
VSTDCCC020EC

Tgt Ion: 91 Resp: 466917

Ion Ratio Lower Upper

91 100

126 33.3 0.0 67.0



#76

1,3,5-Trimethylbenzene

Concen: 19.317 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077289.D

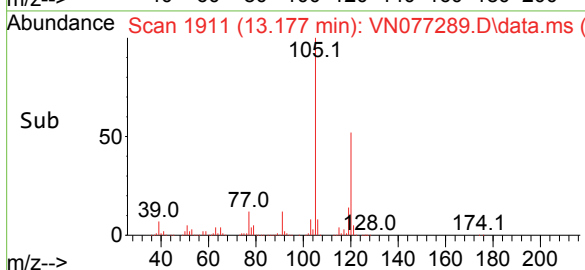
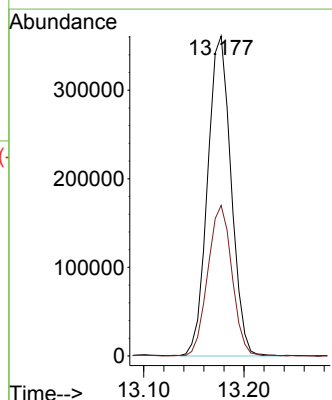
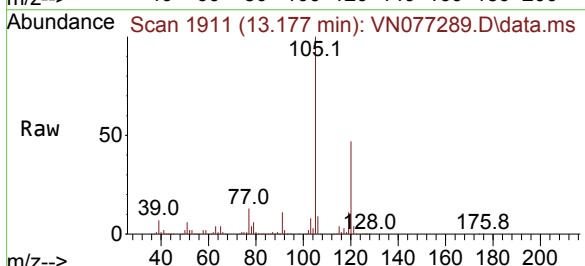
Acq: 10 Apr 2023 16:31

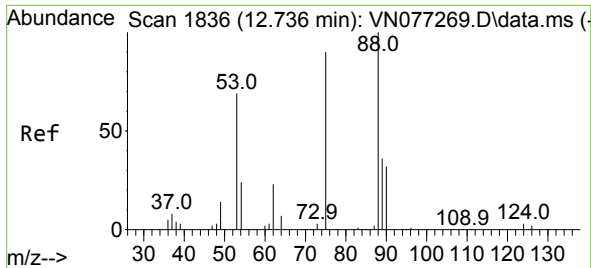
Tgt Ion: 105 Resp: 589706

Ion Ratio Lower Upper

105 100

120 48.0 0.0 94.4

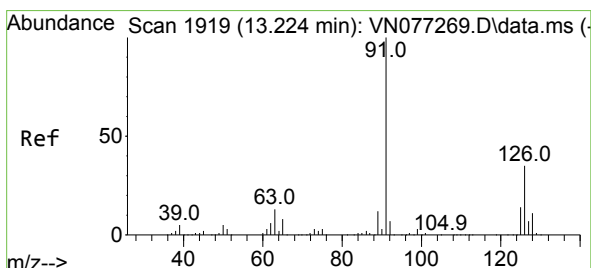
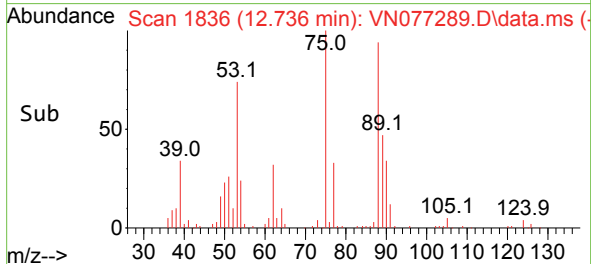
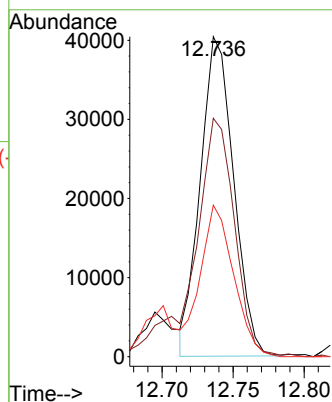
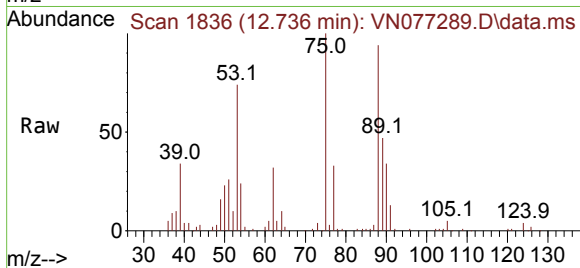




#77
t-1,4-Dichloro-2-butene
Concen: 16.581 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

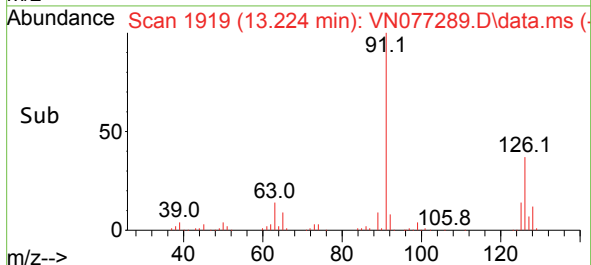
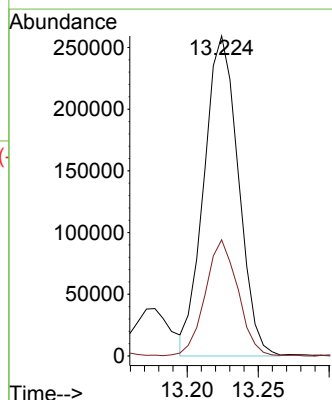
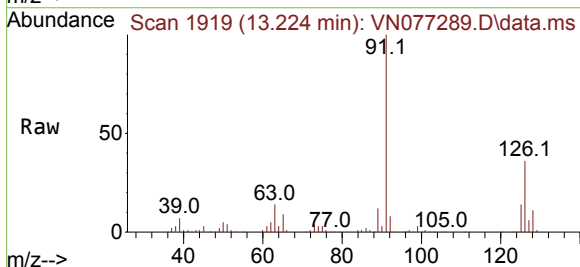
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

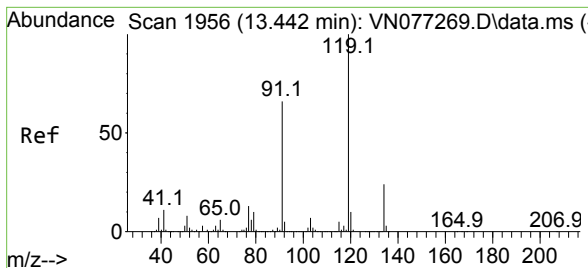
Tgt Ion:	75	Resp:	65941
Ion	Ratio	Lower	Upper
75	100		
53	74.3	38.8	116.4
89	47.5	23.2	69.6



#78
4-Chlorotoluene
Concen: 18.621 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion:	91	Resp:	437427
Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	67.4





#79

tert-butylbenzene

Concen: 19.186 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

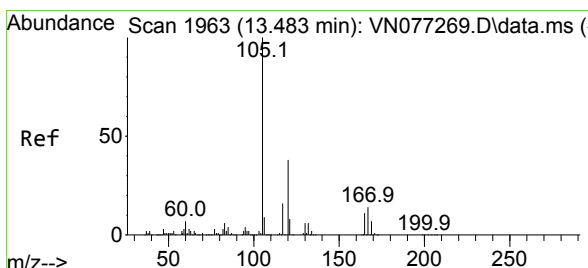
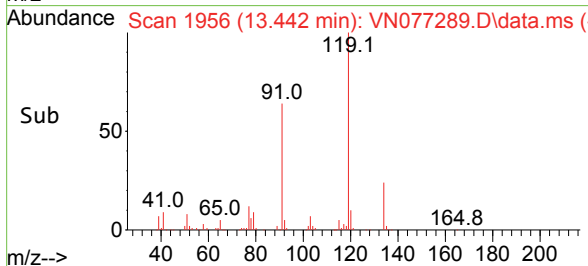
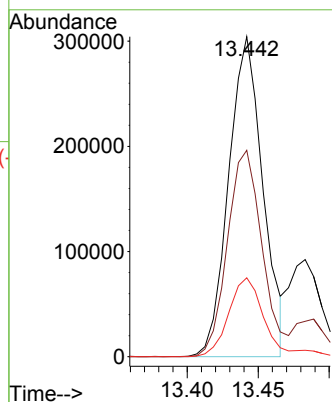
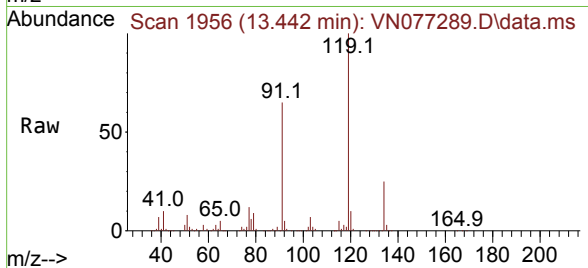
Tgt Ion:119 Resp: 509740

Ion Ratio Lower Upper

119 100

91 65.3 0.0 131.0

134 24.5 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 18.862 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077289.D

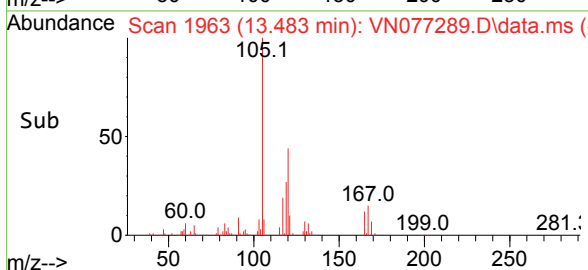
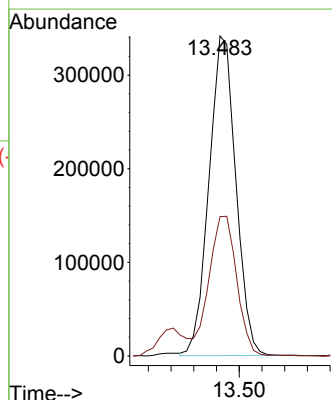
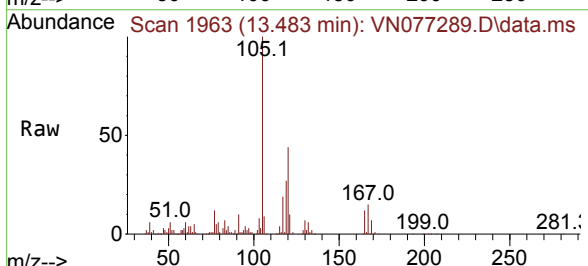
Acq: 10 Apr 2023 16:31

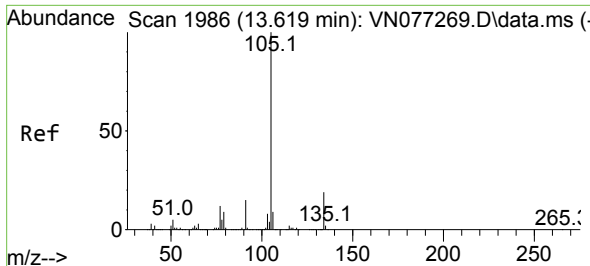
Tgt Ion:105 Resp: 561329

Ion Ratio Lower Upper

105 100

120 44.3 0.0 91.0

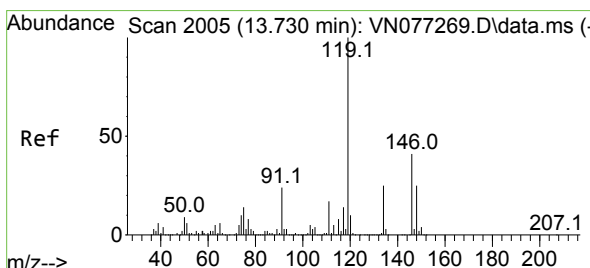
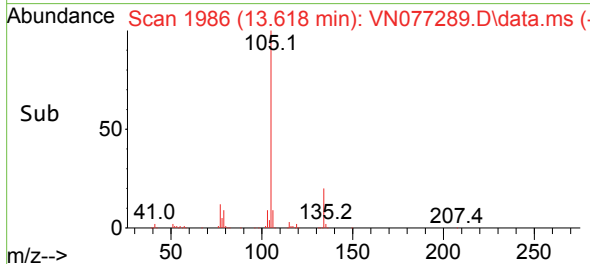
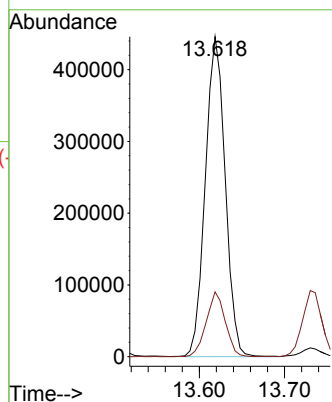
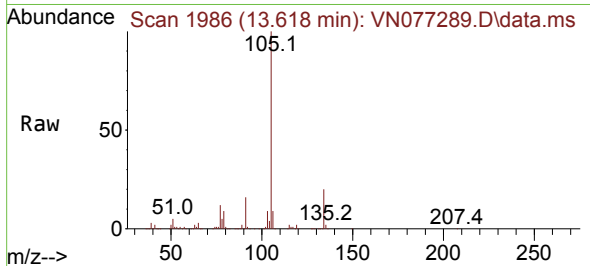




#81
 sec-Butylbenzene
 Concen: 19.076 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

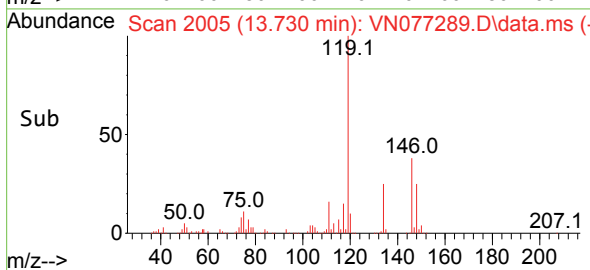
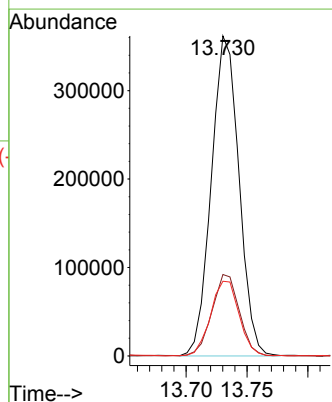
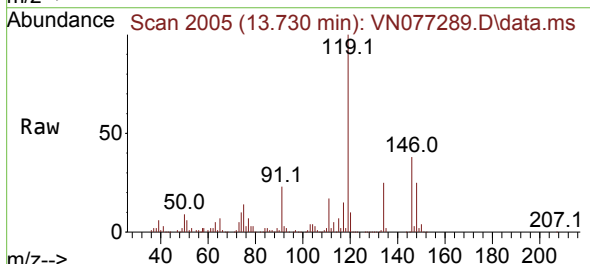
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

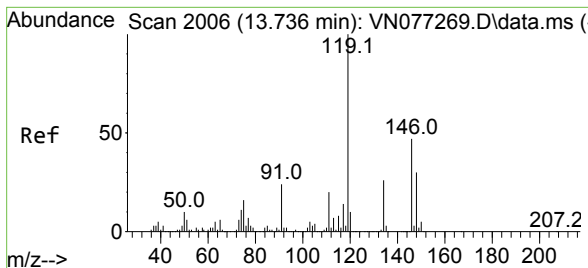
Tgt Ion:105 Resp: 723842
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 18.813 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion:119 Resp: 571926
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.0
 91 24.2 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 18.290 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

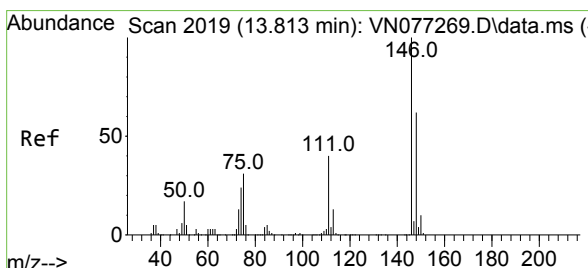
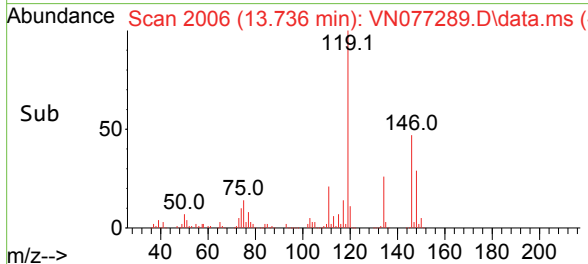
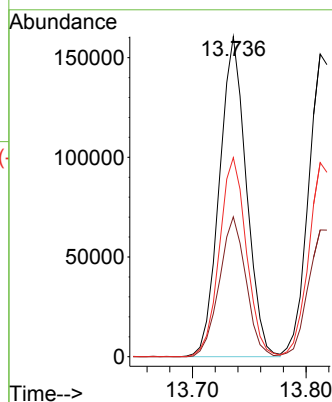
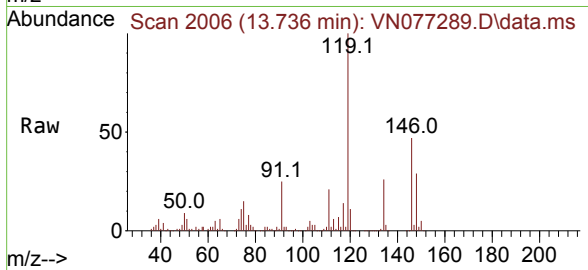
Tgt Ion:146 Resp: 264263

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.2

148 62.4 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 18.484 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

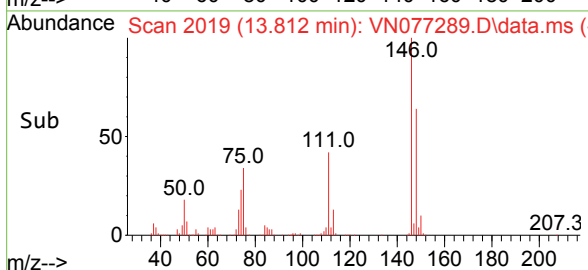
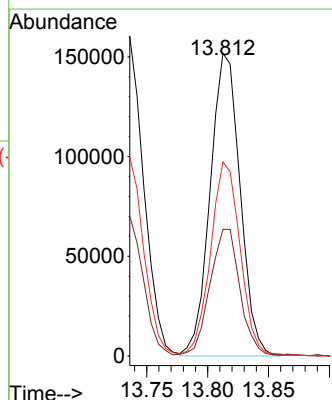
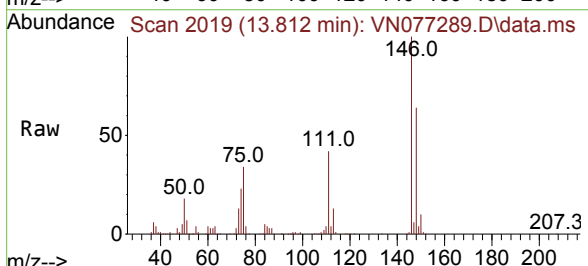
Tgt Ion:146 Resp: 259119

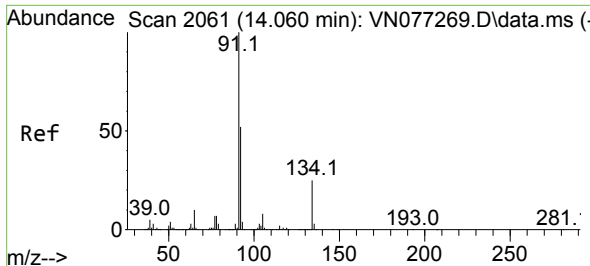
Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

148 63.8 31.6 94.7

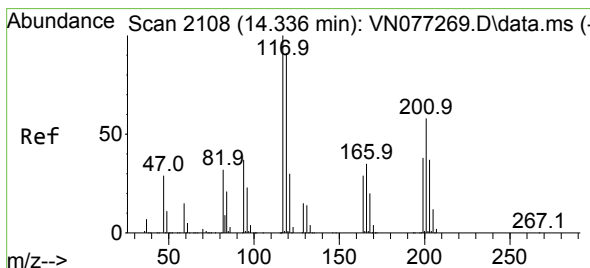
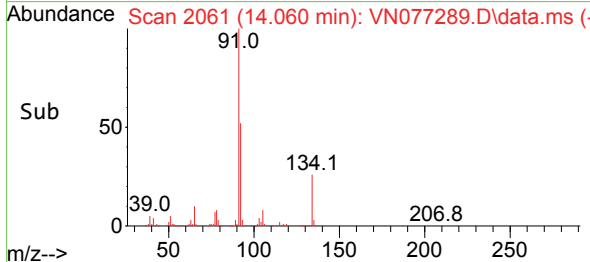
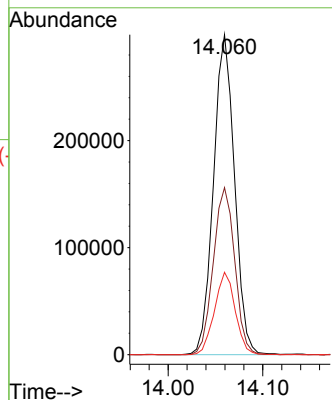
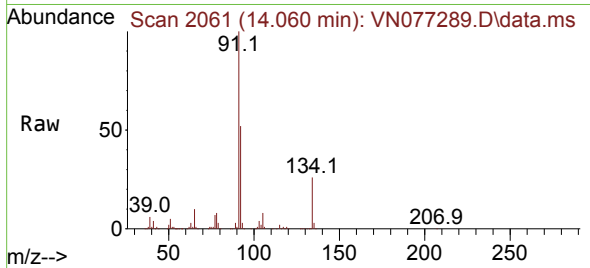




#85
n-Butylbenzene
Concen: 18.373 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

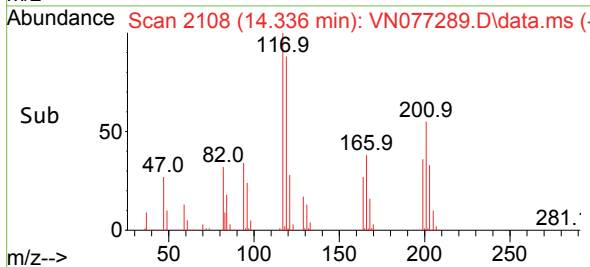
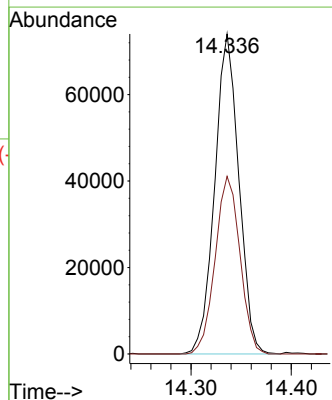
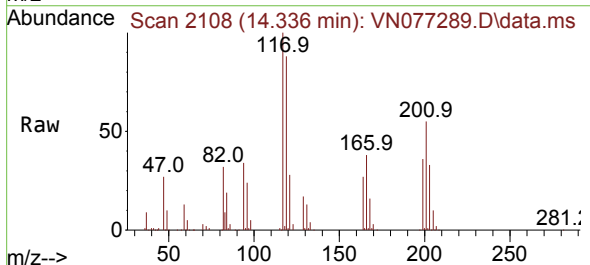
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

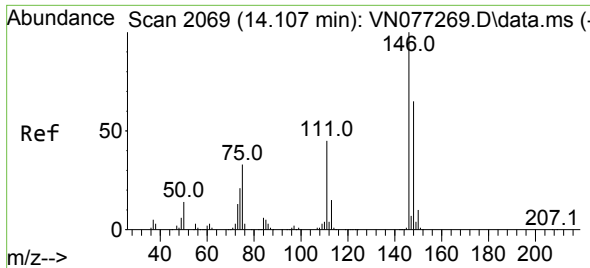
Tgt Ion: 91 Resp: 461539
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.6
134 25.4 0.0 49.4



#86
Hexachloroethane
Concen: 19.100 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 117 Resp: 123514
Ion Ratio Lower Upper
117 100
201 57.1 29.1 87.4

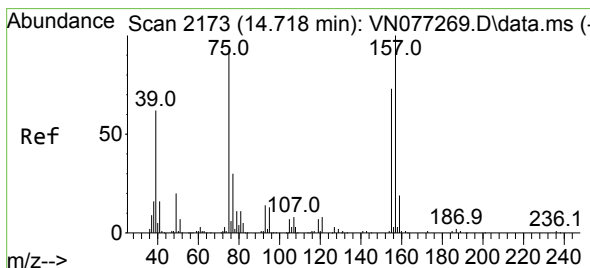
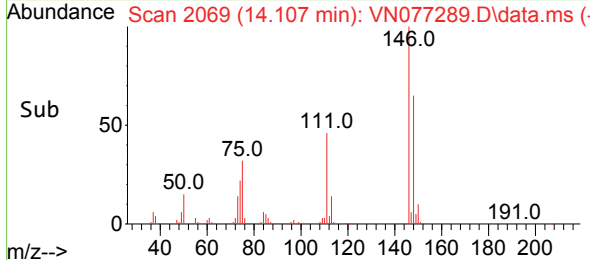
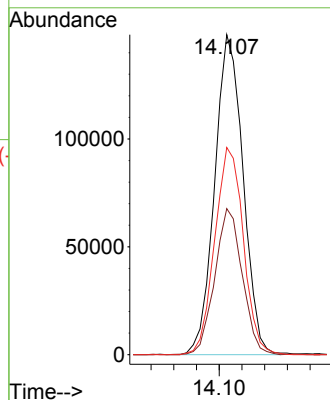
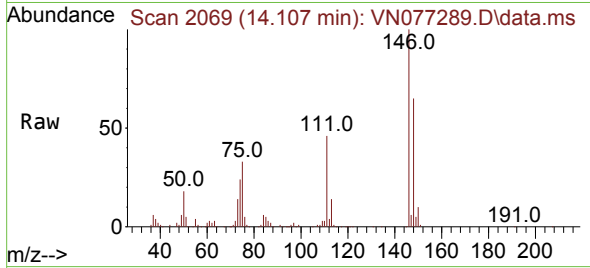




#87
1,2-Dichlorobenzene
Concen: 18.164 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

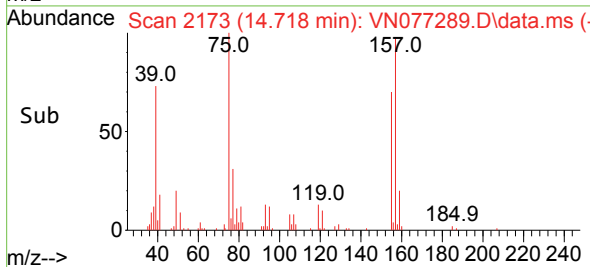
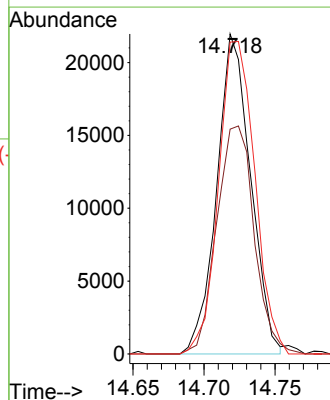
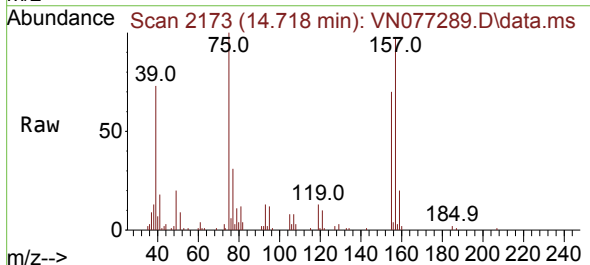
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

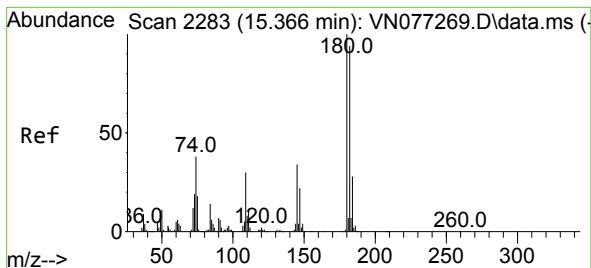
Tgt Ion:146 Resp: 257164
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.5
148 65.4 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.552 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN077289.D
Acq: 10 Apr 2023 16:31

Tgt Ion: 75 Resp: 36432
Ion Ratio Lower Upper
75 100
155 78.8 67.8 101.6
157 104.7 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 15.903 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

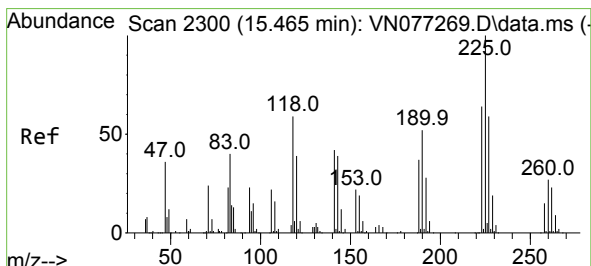
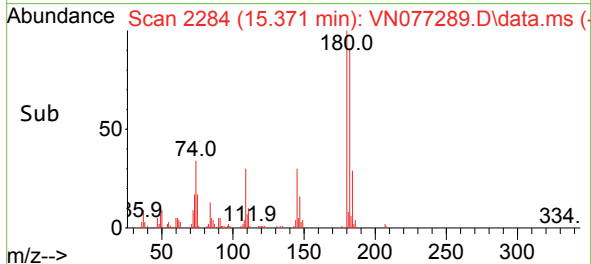
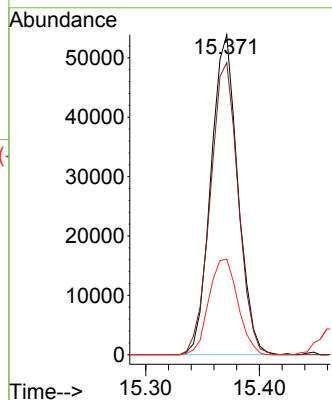
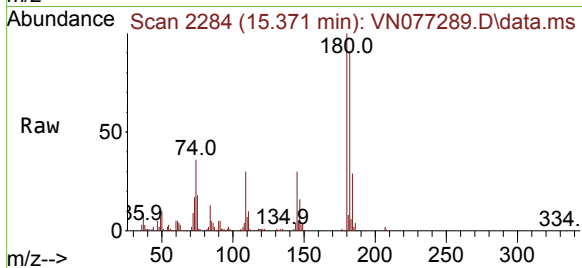
Tgt Ion:180 Resp: 88563

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

145 32.1 26.7 40.1



#90

Hexachlorobutadiene

Concen: 18.629 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077289.D

Acq: 10 Apr 2023 16:31

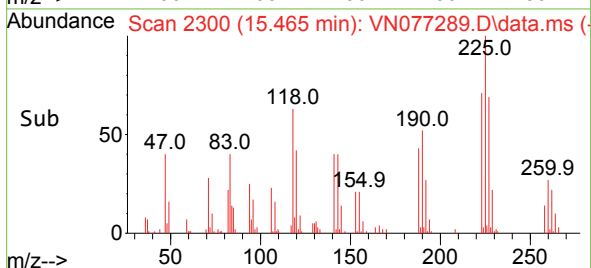
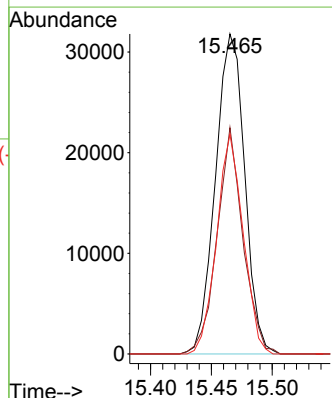
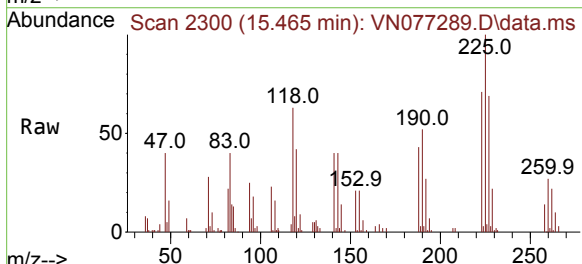
Tgt Ion:225 Resp: 53207

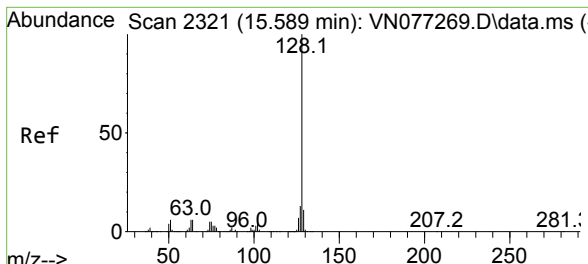
Ion Ratio Lower Upper

225 100

223 62.6 0.0 126.0

227 62.3 0.0 127.2

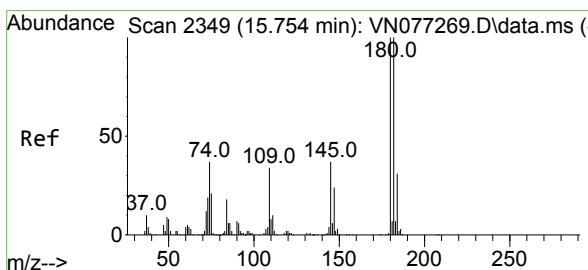
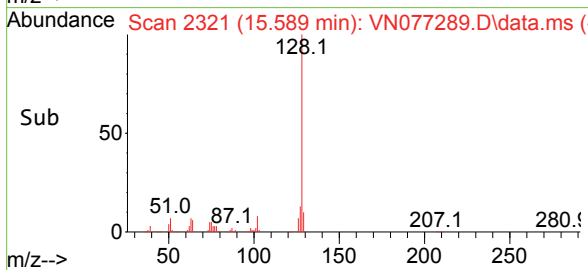
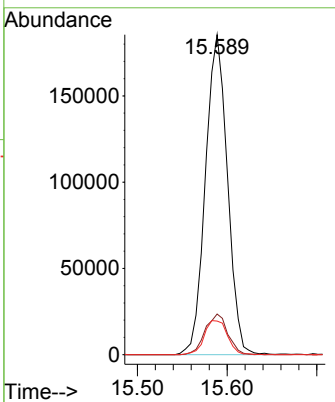
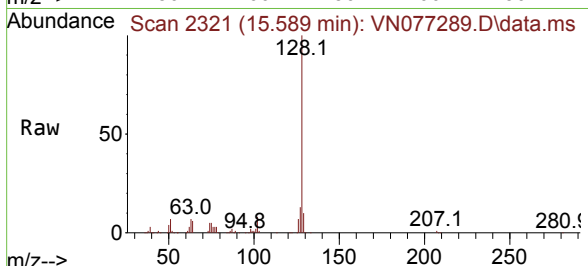




#91
 Naphthalene
 Concen: 14.851 ug/l
 RT: 15.589 min Scan# 2321
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	128	Resp:	315946
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.2	8.9	13.3



#92
 1,2,3-Trichlorobenzene
 Concen: 15.325 ug/l
 RT: 15.754 min Scan# 2349
 Delta R.T. -0.000 min
 Lab File: VN077289.D
 Acq: 10 Apr 2023 16:31

Tgt Ion:	180	Resp:	83273
Ion Ratio	Lower	Upper	
180	100		
182	96.5	0.0	190.4
145	33.5	0.0	72.4

