

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077433.D
 Acq On : 24 Apr 2023 12:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 25 02:03:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	616841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1148703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1015798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	369948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42481	5.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.560%#
35) Dibromofluoromethane	8.172	113	36333	5.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.560%#
50) Toluene-d8	10.566	98	130517	4.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.920%#
62) 4-Bromofluorobenzene	12.848	95	39616	4.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.180%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	30017	4.098	ug/l	98
3) Chloromethane	2.372	50	30987	5.011	ug/l #	88
4) Vinyl Chloride	2.525	62	39157	4.754	ug/l	96
5) Bromomethane	2.943	94	37001	4.745	ug/l	97
6) Chloroethane	3.125	64	30526	4.878	ug/l #	88
7) Trichlorofluoromethane	3.501	101	56566	4.672	ug/l	96
8) Diethyl Ether	3.966	74	22083	5.020	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	34202	4.858	ug/l	99
10) Methyl Iodide	4.601	142	40096	4.672	ug/l	95
11) Tert butyl alcohol	5.537	59	35102	29.543	ug/l	95
12) 1,1-Dichloroethene	4.343	96	34021	4.916	ug/l	87
13) Acrolein	4.190	56	35665	28.007	ug/l	96
14) Allyl chloride	5.031	41	38369	5.013	ug/l #	82
15) Acrylonitrile	5.731	53	72544	24.748	ug/l	97
16) Acetone	4.448	43	65426	25.550	ug/l	99
17) Carbon Disulfide	4.719	76	83394	4.768	ug/l	96
18) Methyl Acetate	5.031	43	49970	5.053	ug/l	98
19) Methyl tert-butyl Ether	5.813	73	111631	4.876	ug/l	98
20) Methylene Chloride	5.284	84	40726	5.015	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	37341	5.017	ug/l #	79
22) Diisopropyl ether	6.678	45	88257	5.025	ug/l #	97
23) Vinyl Acetate	6.613	43	287724	26.229	ug/l	98
24) 1,1-Dichloroethane	6.572	63	63191	5.082	ug/l	99
25) 2-Butanone	7.489	43	94958	26.145	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	58988	4.893	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41815	4.743	ug/l	93
28) Bromochloromethane	7.813	49	24672	5.196	ug/l	94
29) Tetrahydrofuran	7.848	42	57918	25.451	ug/l	98
30) Chloroform	7.978	83	69639	4.970	ug/l	92
31) Cyclohexane	8.260	56	63538	4.730	ug/l #	85
32) 1,1,1-Trichloroethane	8.172	97	64057	4.972	ug/l #	83
36) 1,1-Dichloropropene	8.378	75	48848	4.897	ug/l	98
37) Ethyl Acetate	7.560	43	36885	4.866	ug/l	97
38) Carbon Tetrachloride	8.366	117	52713	4.790	ug/l	96
39) Methylcyclohexane	9.601	83	60244	4.584	ug/l	94
40) Benzene	8.613	78	152547	5.020	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20272	5.135	ug/l	94
42) 1,2-Dichloroethane	8.672	62	52999	5.078	ug/l	99
43) Isopropyl Acetate	8.695	43	67790	5.170	ug/l	98
44) Trichloroethene	9.354	130	39974	5.138	ug/l	90
45) 1,2-Dichloropropane	9.619	63	35396	4.973	ug/l	97
46) Dibromomethane	9.713	93	28513	4.937	ug/l	95
47) Bromodichloromethane	9.889	83	54248	4.856	ug/l	98
48) Methyl methacrylate	9.689	41	28370	4.753	ug/l	93
49) 1,4-Dioxane	9.695	88	16982	113.428	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	197918	25.733	ug/l	99
52) Toluene	10.630	92	95517	4.798	ug/l	97
53) t-1,3-Dichloropropene	10.842	75	54504	4.818	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	61764	5.016	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	39803	4.972	ug/l	92
56) Ethyl methacrylate	10.877	69	55629	4.960	ug/l	98
57) 1,3-Dichloropropane	11.166	76	65932	5.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	85642	22.574	ug/l	100
59) 2-Hexanone	11.201	43	140934	25.209	ug/l	98
60) Dibromochloromethane	11.366	129	40649	4.893	ug/l	98
61) 1,2-Dibromoethane	11.471	107	40742	4.985	ug/l	98
64) Tetrachloroethene	11.107	164	29497	4.851	ug/l	97
65) Chlorobenzene	11.895	112	103678	4.823	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	38096	4.871	ug/l	98
67) Ethyl Benzene	11.966	91	186095	4.918	ug/l	98
68) m/p-Xylenes	12.077	106	143213	9.738	ug/l	98
69) o-Xylene	12.401	106	68852	4.760	ug/l	97
70) Styrene	12.413	104	107574	4.755	ug/l	98
71) Bromoform	12.577	173	24972	4.881	ug/l #	97
73) Isopropylbenzene	12.695	105	183572	5.347	ug/l	100
74) N-amyl acetate	12.501	43	52277	5.144	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	57812	5.360	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	67751	7.707	ug/l	65
77) Bromobenzene	12.983	156	40003	5.347	ug/l	93
78) n-propylbenzene	13.036	91	186276	4.907	ug/l	100
79) 2-Chlorotoluene	13.130	91	119449	5.104	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	123430	4.841	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	18294	6.178	ug/l	91
82) 4-Chlorotoluene	13.224	91	107865	4.932	ug/l	98
83) tert-Butylbenzene	13.442	119	126759	5.120	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	110517	4.642	ug/l	99
85) sec-Butylbenzene	13.618	105	176225	5.186	ug/l	99
86) p-Isopropyltoluene	13.730	119	126244	4.828	ug/l	99
87) 1,3-Dichlorobenzene	13.742	146	65007	4.886	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	65202	4.967	ug/l	94
89) n-Butylbenzene	14.060	91	88560	4.377	ug/l	96
90) Hexachloroethane	14.336	117	28645	4.959	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	64806	4.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	10380	5.204	ug/l	91
93) 1,2,4-Trichlorobenzene	15.365	180	12299	5.160	ug/l	97
94) Hexachlorobutadiene	15.465	225	14174	5.315	ug/l	93
95) Naphthalene	15.589	128	37085	4.719	ug/l	97
96) 1,2,3-Trichlorobenzene	15.759	180	11839	5.057	ug/l	95

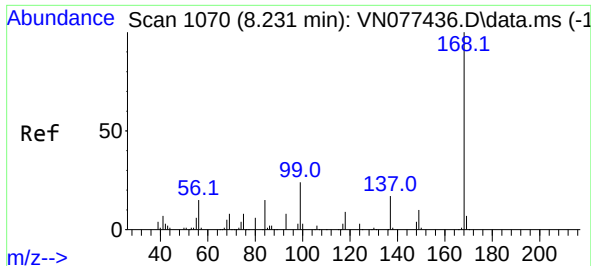
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
Data File : VN077433.D
Acq On : 24 Apr 2023 12:03
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

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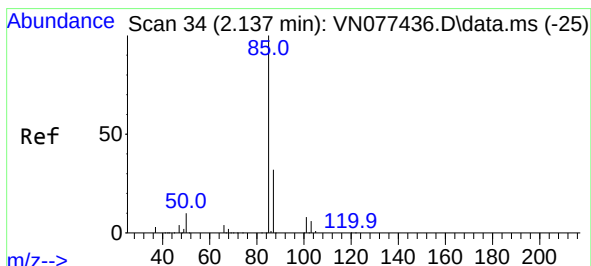
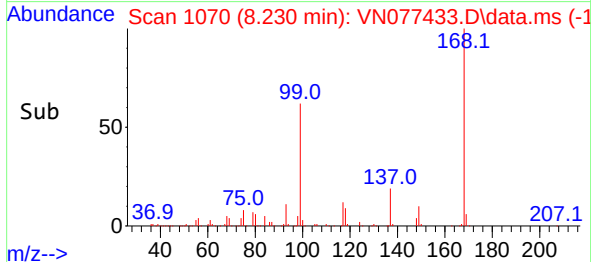
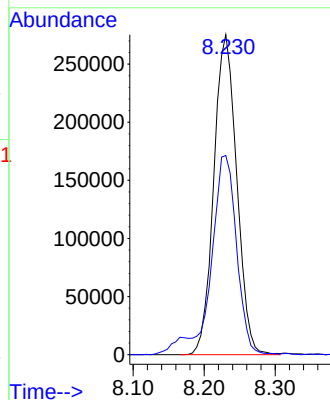
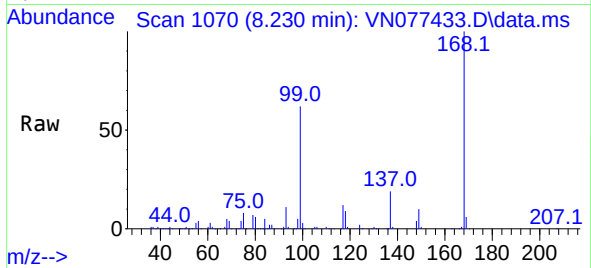
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

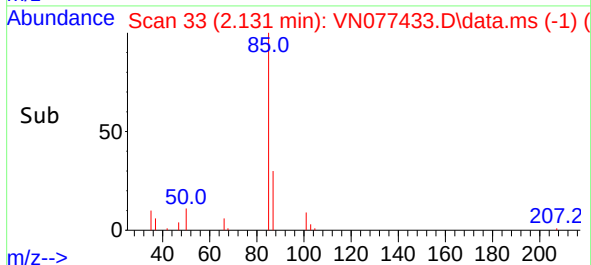
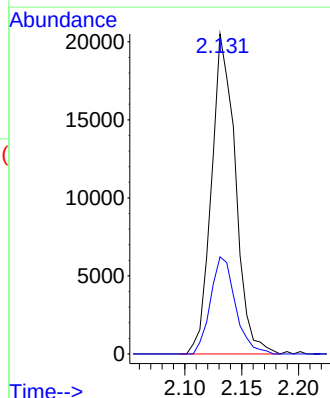
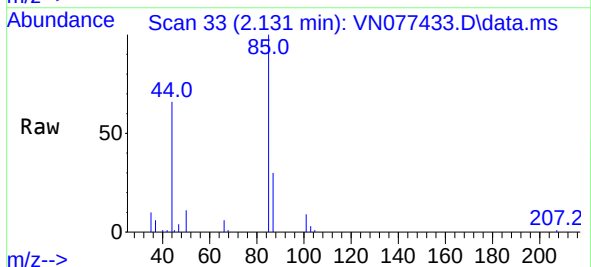
Instrument :
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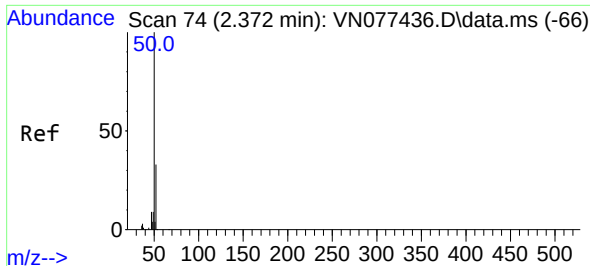
Tgt Ion:168 Resp: 616841
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 4.098 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 85 Resp: 30017
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4

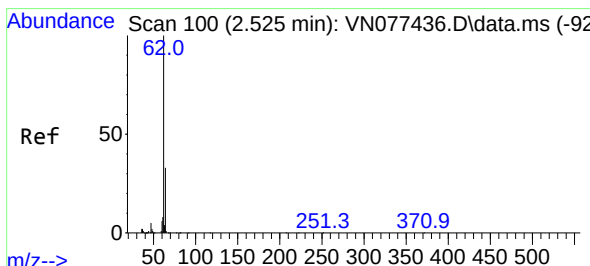
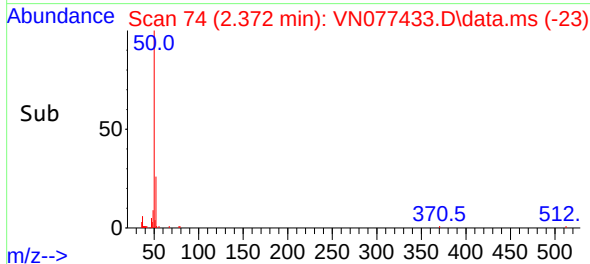
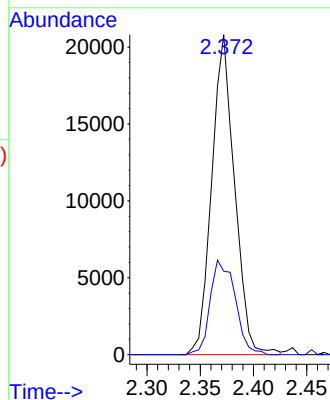
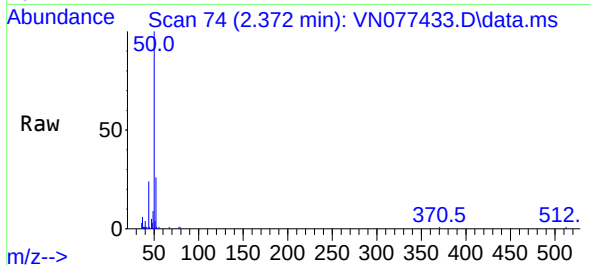




#3
Chloromethane
Concen: 5.011 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

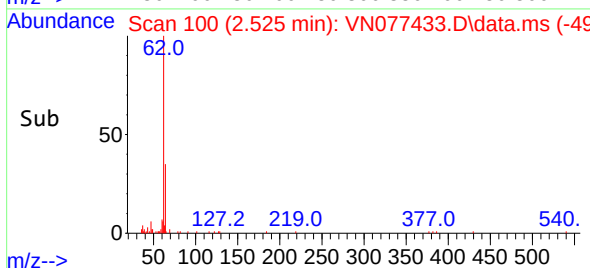
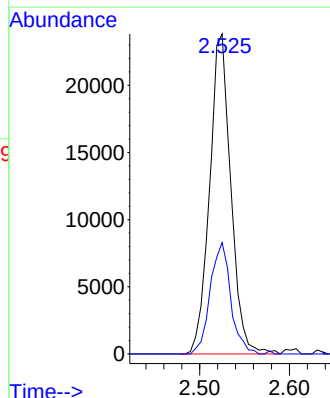
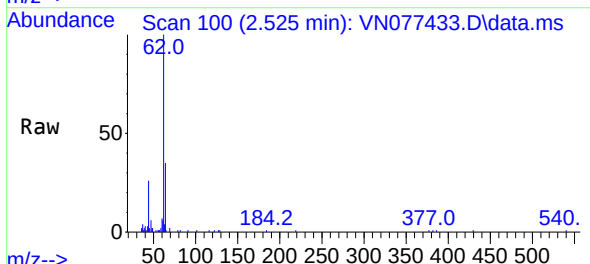
Instrument :
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ClientSampleId :
VSTDIC005

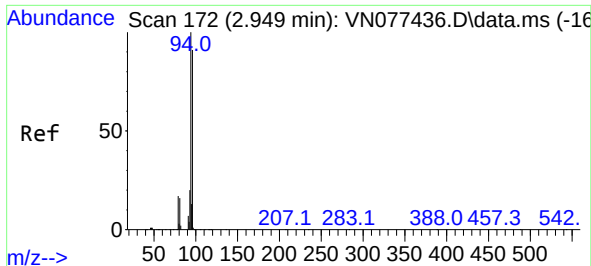
Tgt Ion: 50 Resp: 30987
Ion Ratio Lower Upper
50 100
52 26.1 26.5 39.7#



#4
Vinyl Chloride
Concen: 4.754 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 62 Resp: 39157
Ion Ratio Lower Upper
62 100
64 34.8 26.2 39.2

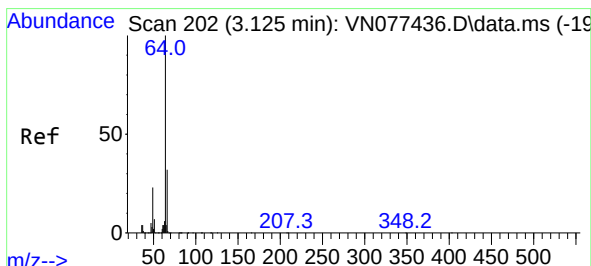
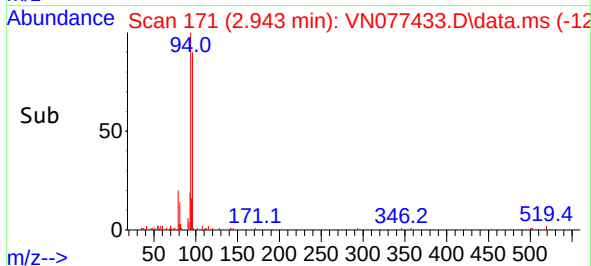
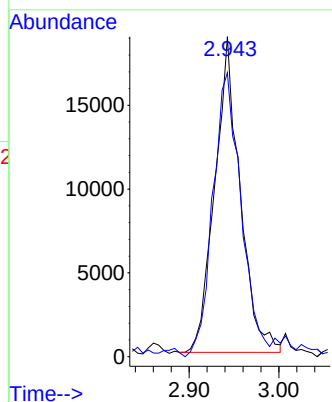
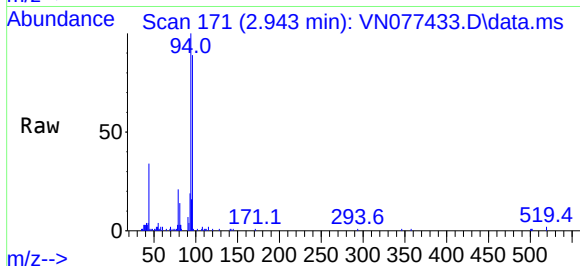




#5
Bromomethane
Concen: 4.745 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

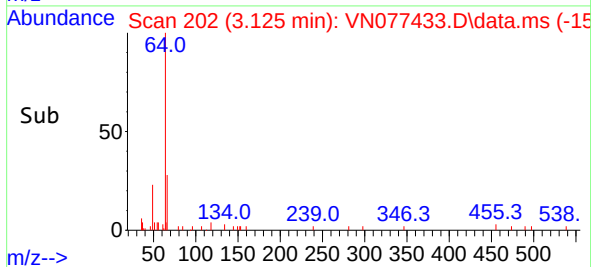
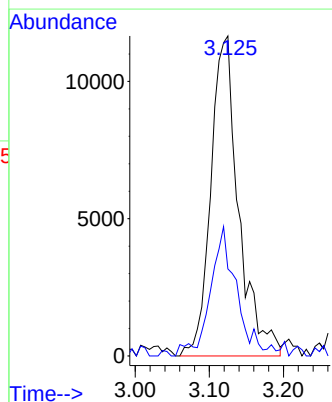
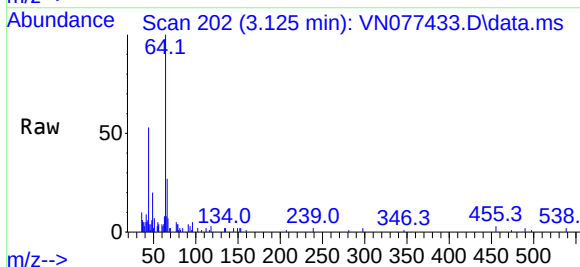
Instrument :
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ClientSampleId :
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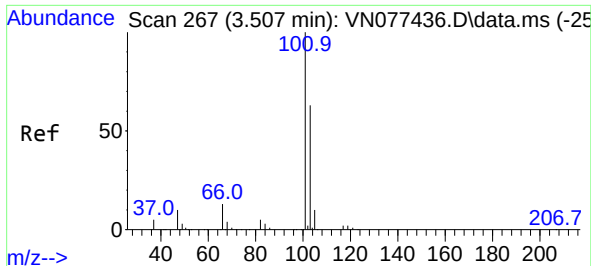
Tgt Ion: 94 Resp: 37001
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 4.878 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 64 Resp: 30526
Ion Ratio Lower Upper
64 100
66 25.3 25.4 38.2#

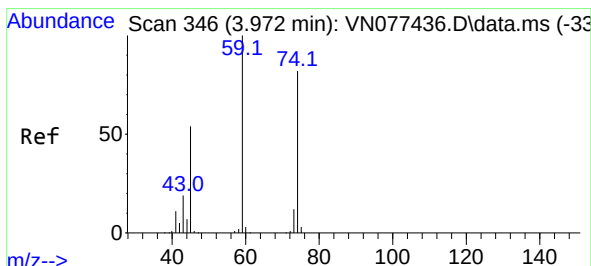
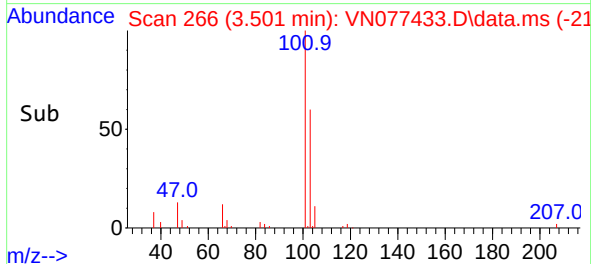
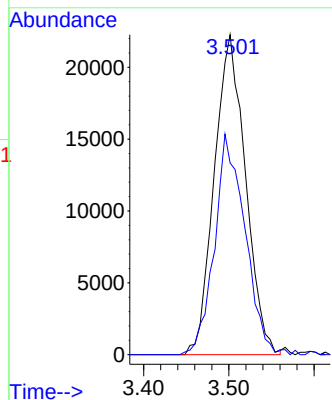
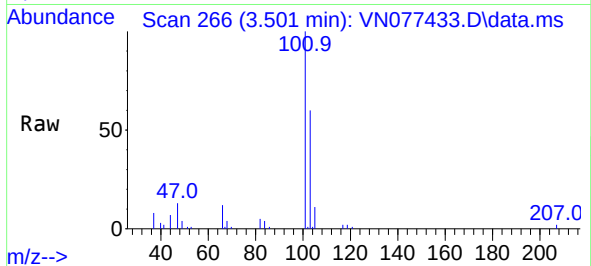




#7
Trichlorofluoromethane
Concen: 4.672 ug/l
RT: 3.501 min Scan# 206
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

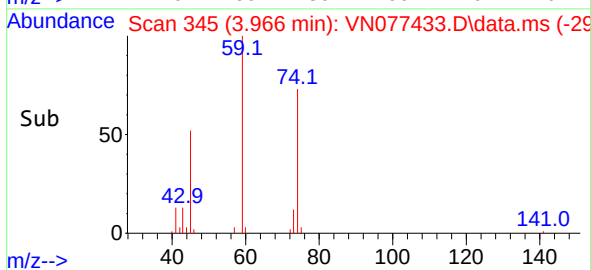
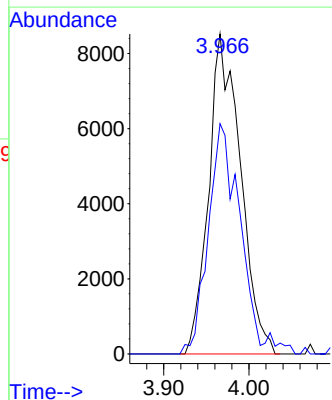
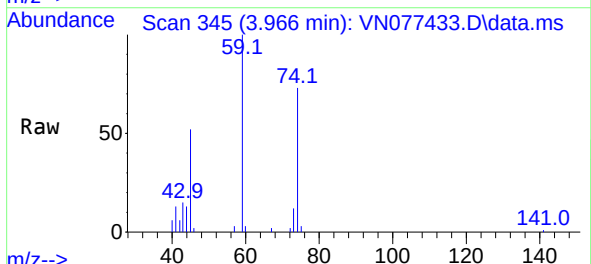
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

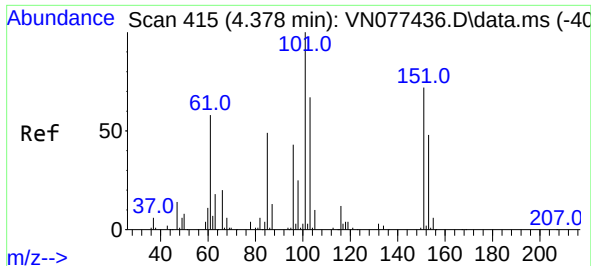
Tgt Ion:101 Resp: 56566
Ion Ratio Lower Upper
101 100
103 59.9 50.7 76.1



#8
Diethyl Ether
Concen: 5.020 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 74 Resp: 22083
Ion Ratio Lower Upper
74 100
45 70.4 34.4 103.3



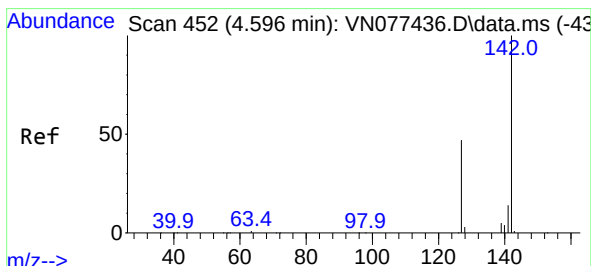
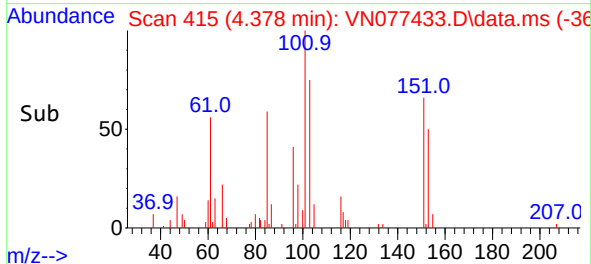
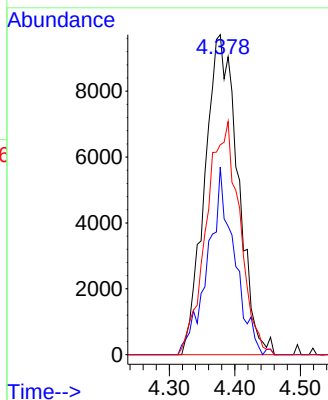
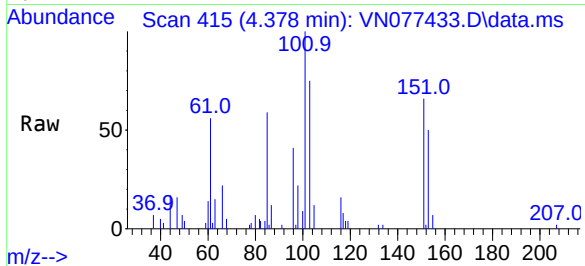


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.858 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 34202

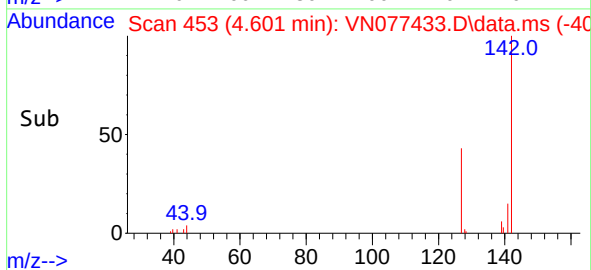
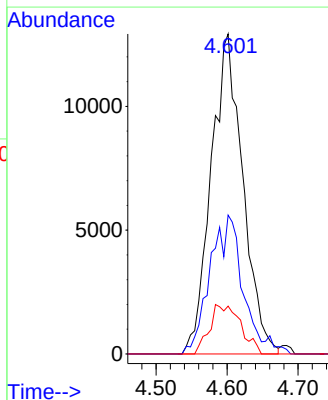
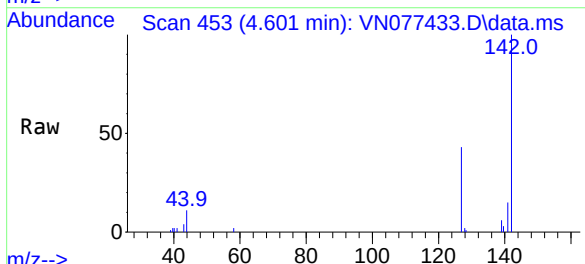
Ion	Ratio	Lower	Upper
101	100		
85	46.4	36.6	55.0
151	72.8	57.6	86.4

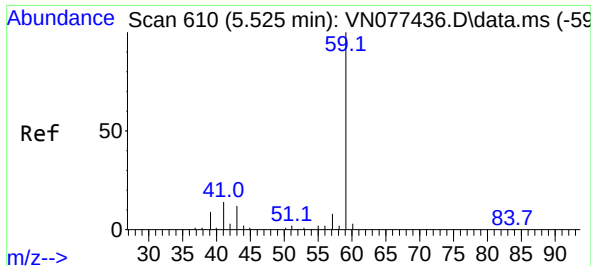


#10
Methyl Iodide
Concen: 4.672 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:142 Resp: 40096

Ion	Ratio	Lower	Upper
142	100		
127	43.4	37.6	56.4
141	14.9	11.4	17.0

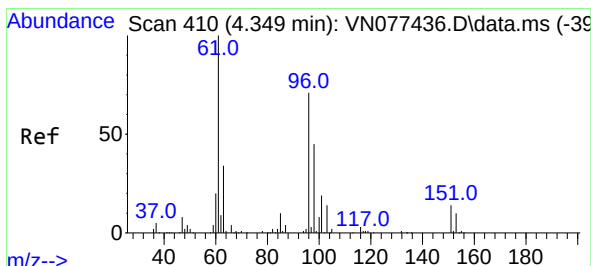
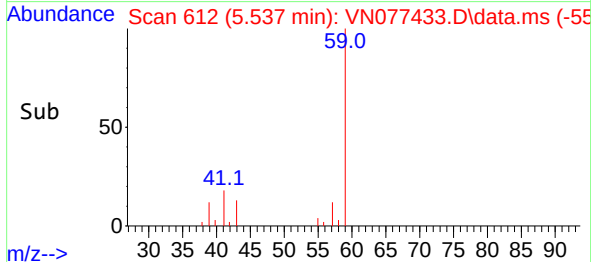
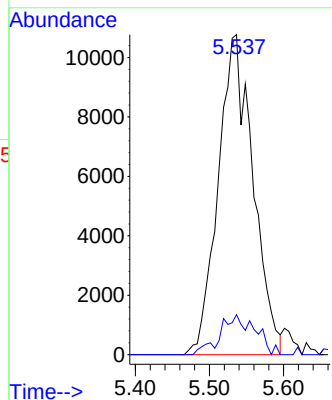
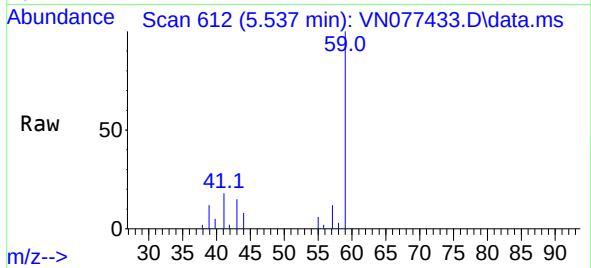




#11
Tert butyl alcohol
Concen: 29.543 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

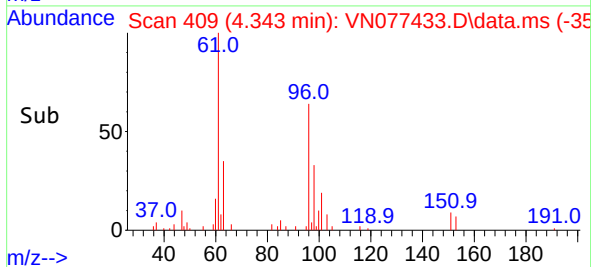
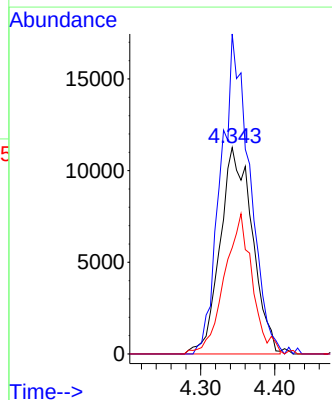
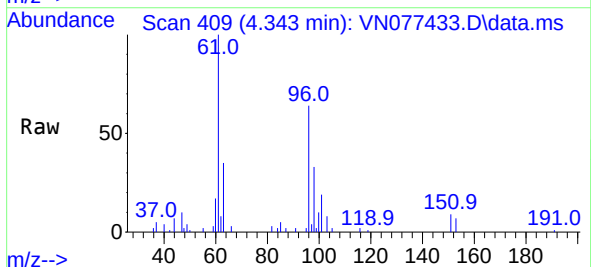
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

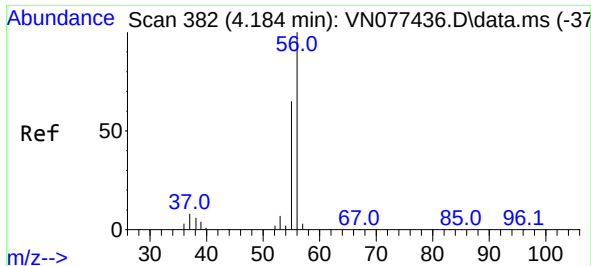
Tgt Ion: 59 Resp: 35102
Ion Ratio Lower Upper
59 100
57 8.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 4.916 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 96 Resp: 34021
Ion Ratio Lower Upper
96 100
61 155.1 112.7 169.1
98 51.5 51.2 76.8

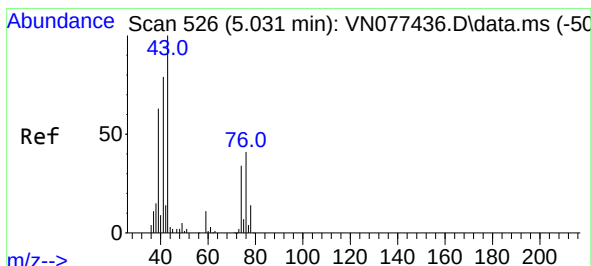
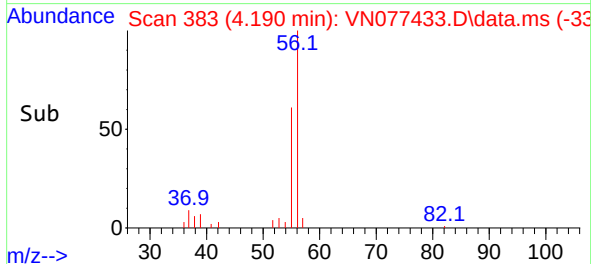
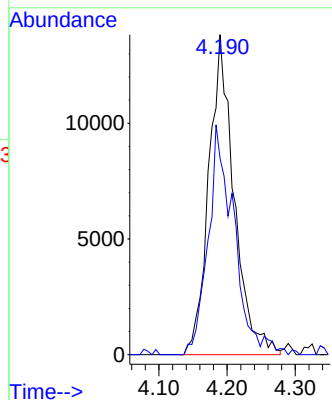
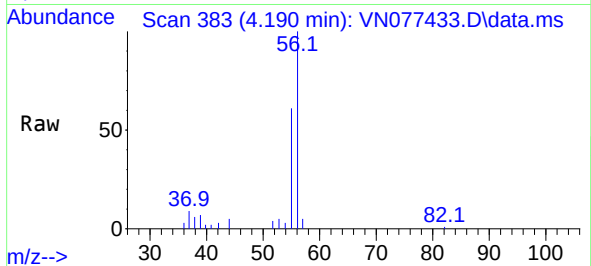




#13
Acrolein
Concen: 28.007 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

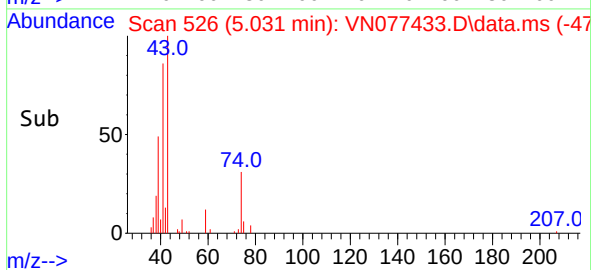
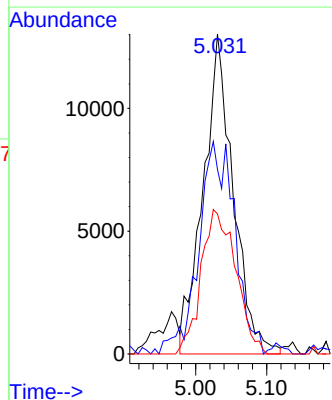
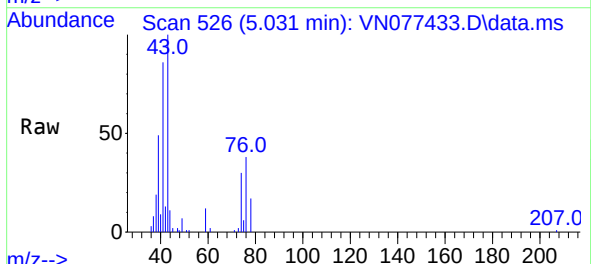
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

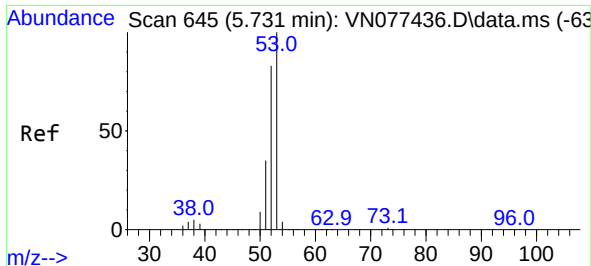
Tgt Ion: 56 Resp: 35665
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7



#14
Allyl chloride
Concen: 5.013 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 41 Resp: 38369
Ion Ratio Lower Upper
41 100
39 50.5 58.8 88.2#
76 52.0 39.1 58.7

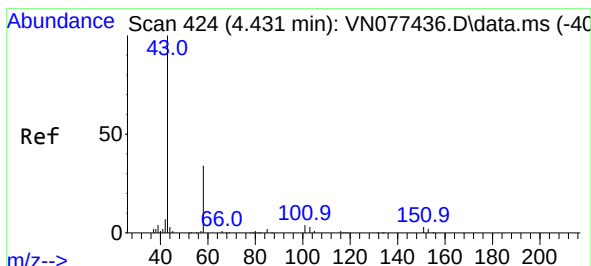
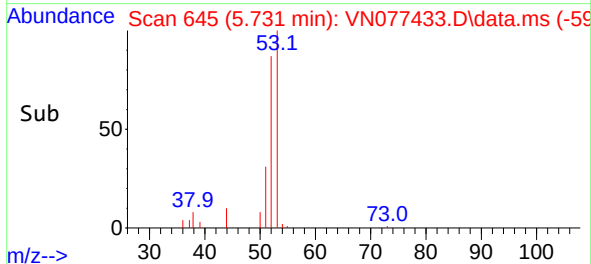
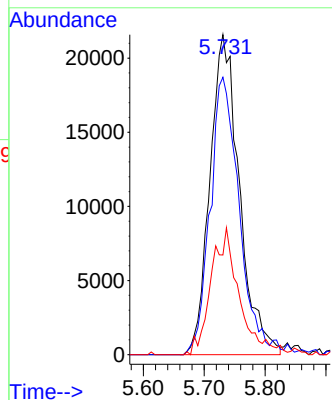
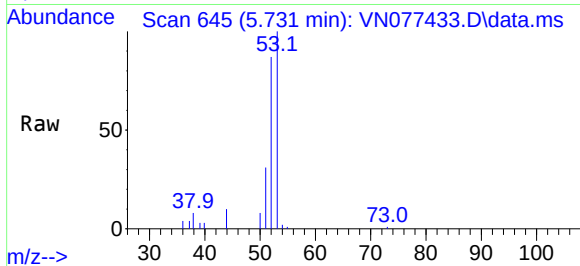




#15
Acrylonitrile
Concen: 24.748 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

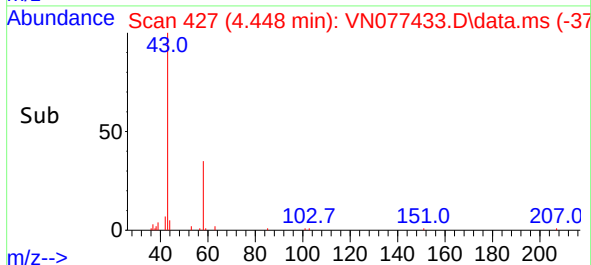
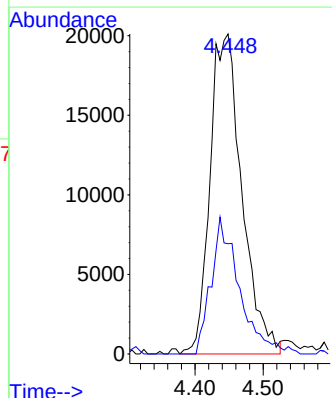
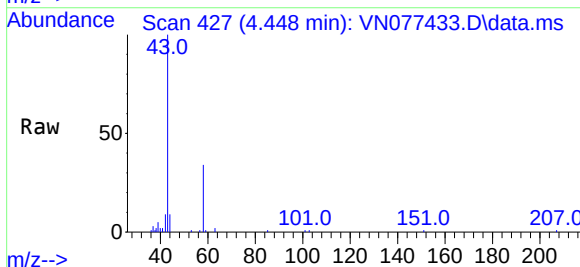
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

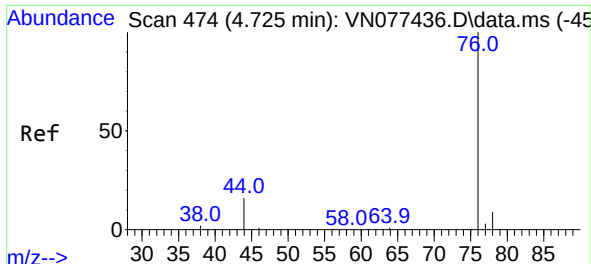
Tgt Ion:	53	Resp:	72544
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.3	97.9
51	38.0	28.9	43.3



#16
Acetone
Concen: 25.550 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:	43	Resp:	65426
Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.0	42.0

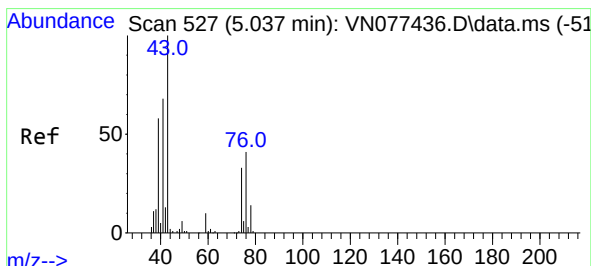
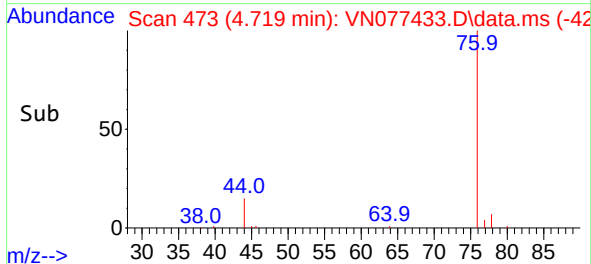
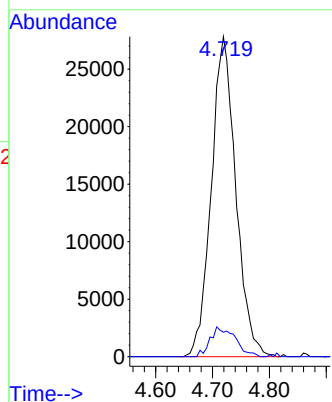
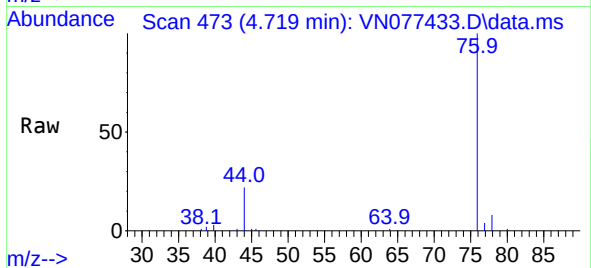




#17
Carbon Disulfide
Concen: 4.768 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

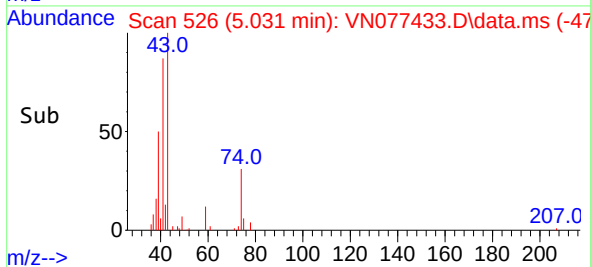
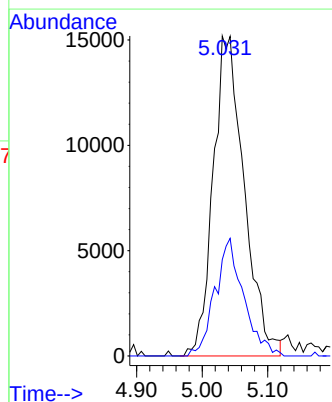
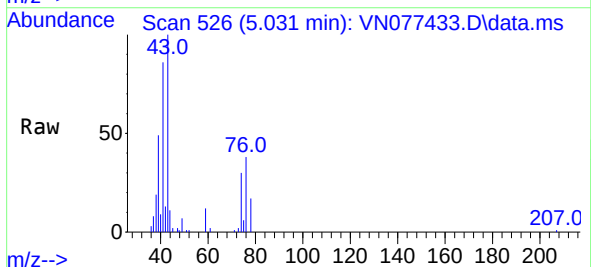
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

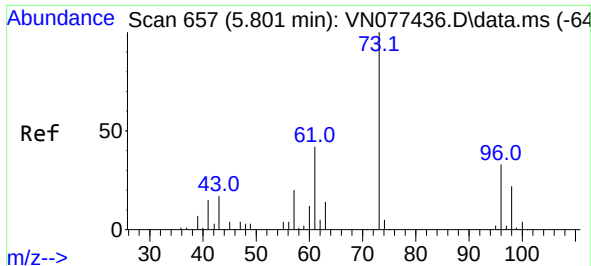
Tgt Ion: 76 Resp: 83394
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 5.053 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 43 Resp: 49970
Ion Ratio Lower Upper
43 100
74 33.7 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 4.876 ug/l

RT: 5.813 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

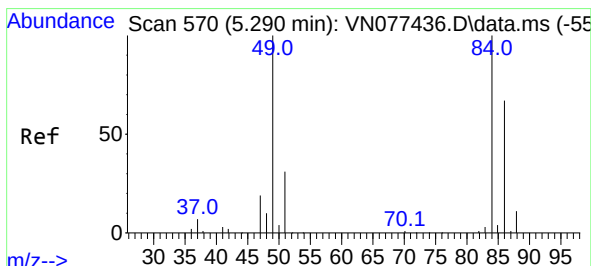
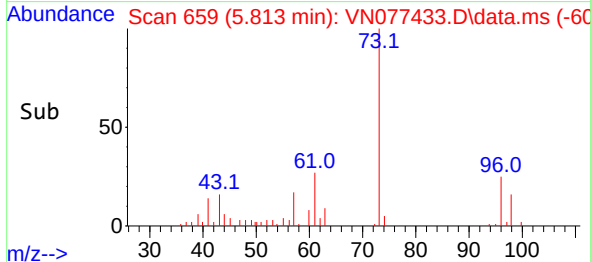
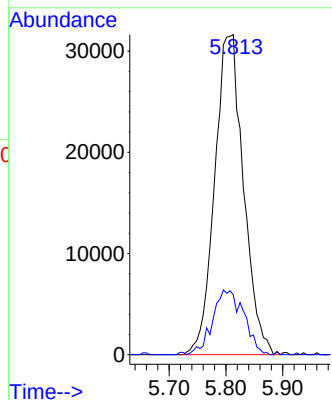
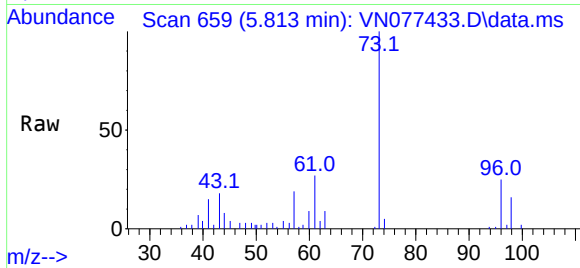
VSTDIC005

Tgt Ion: 73 Resp: 111631

Ion Ratio Lower Upper

73 100

57 18.7 15.6 23.4



#20

Methylene Chloride

Concen: 5.015 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Tgt Ion: 84 Resp: 40726

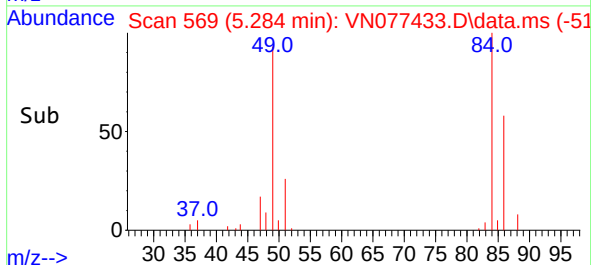
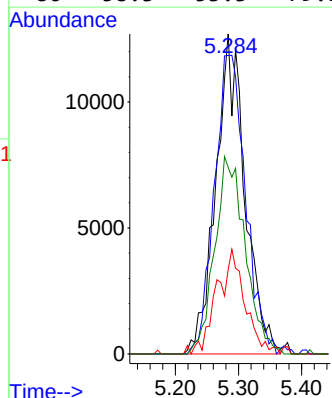
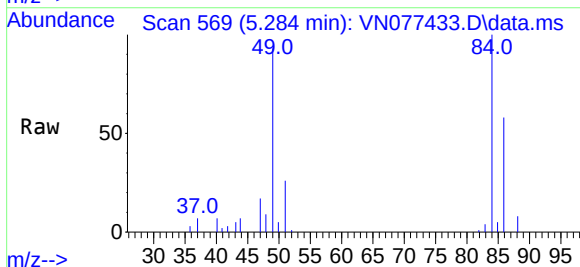
Ion Ratio Lower Upper

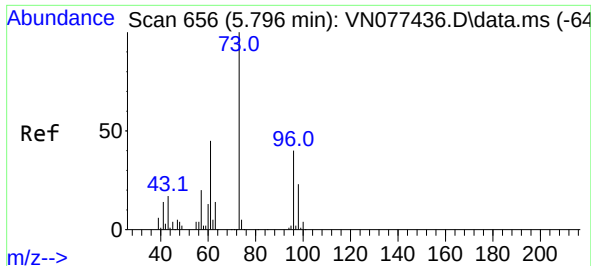
84 100

49 93.3 79.7 119.5

51 26.4 25.2 37.8

86 58.3 53.3 79.9

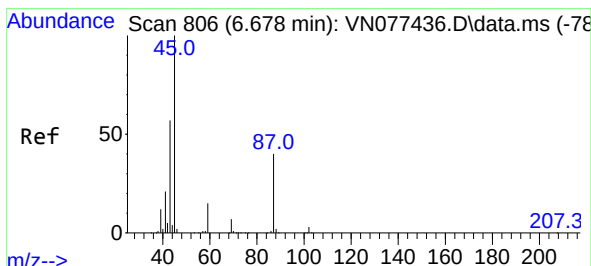
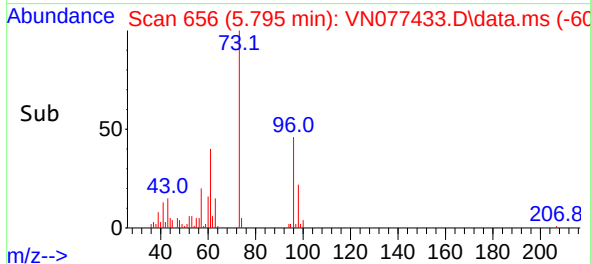
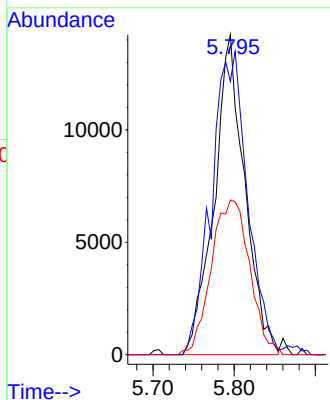
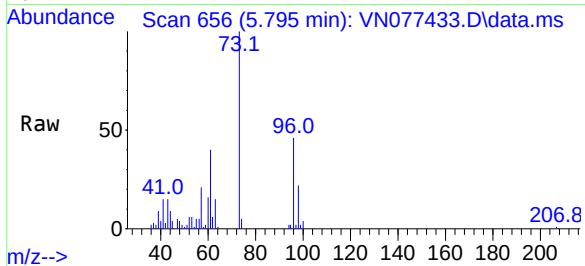




#21
trans-1,2-Dichloroethene
Concen: 5.017 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

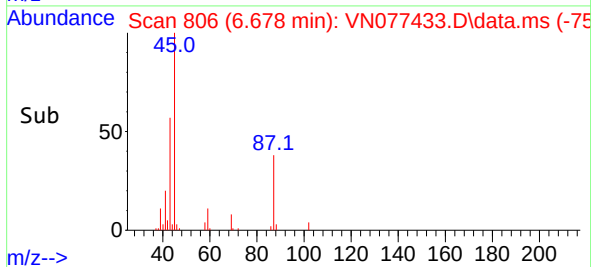
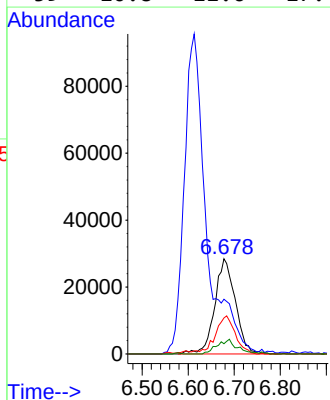
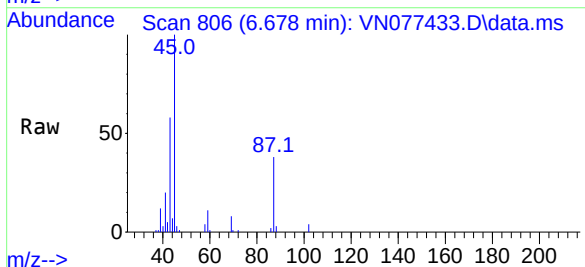
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

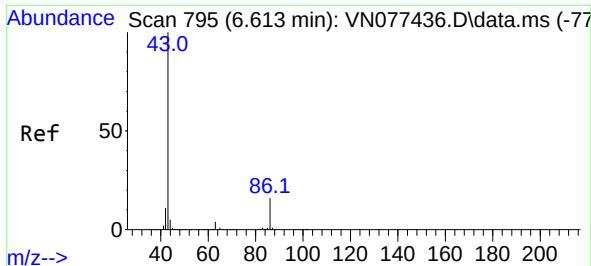
Tgt Ion: 96 Resp: 37341
Ion Ratio Lower Upper
96 100
61 85.4 90.1 135.1#
98 48.3 46.4 69.6



#22
Diisopropyl ether
Concen: 5.025 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 45 Resp: 88257
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 37.8 31.8 47.8
59 10.8 11.6 17.4#

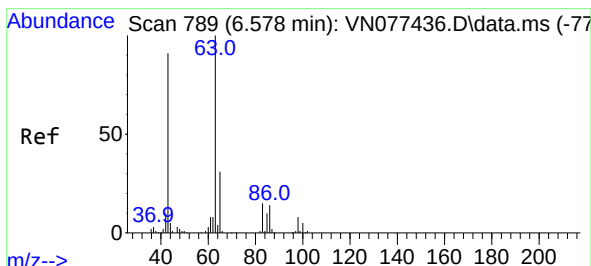
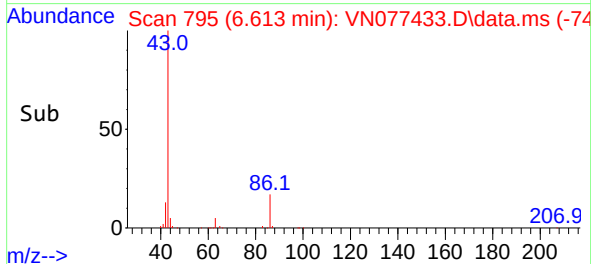
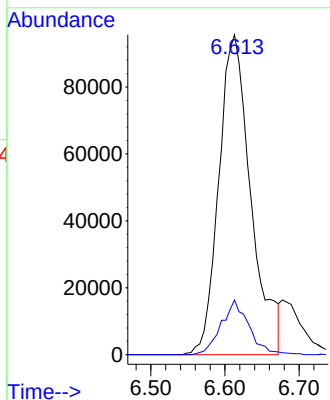
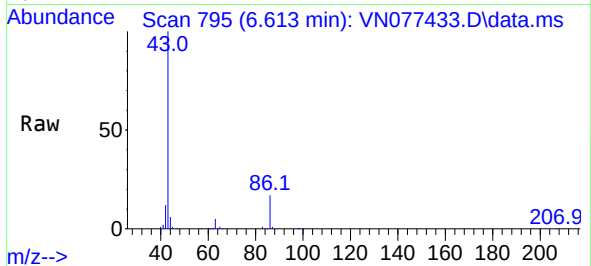




#23
 Vinyl Acetate
 Concen: 26.229 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

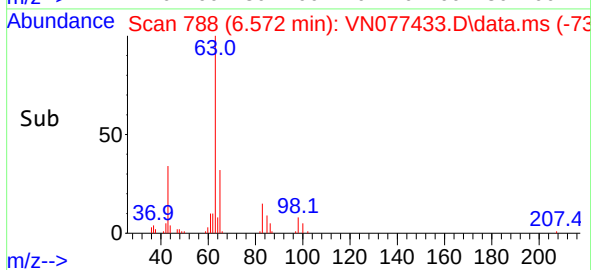
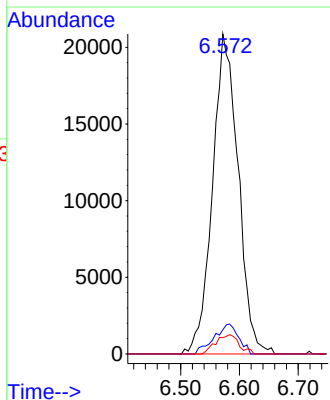
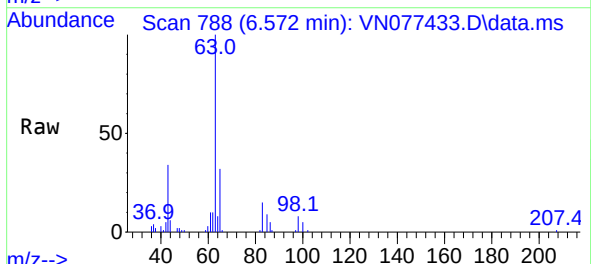
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

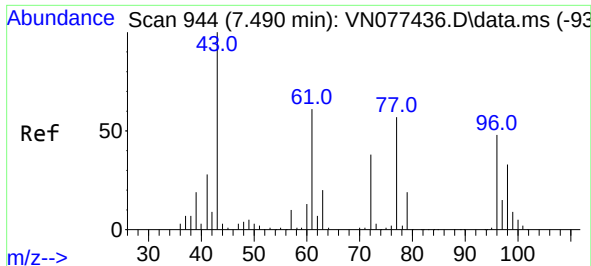
Tgt Ion: 43 Resp: 287724
 Ion Ratio Lower Upper
 43 100
 86 17.1 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 5.082 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

Tgt Ion: 63 Resp: 63191
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 26.145 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

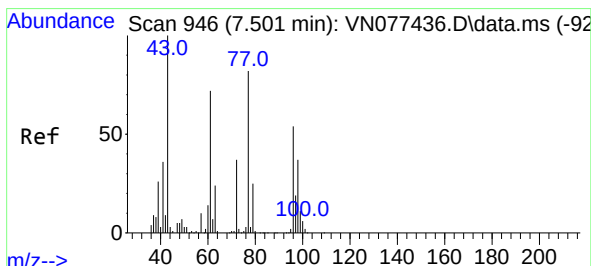
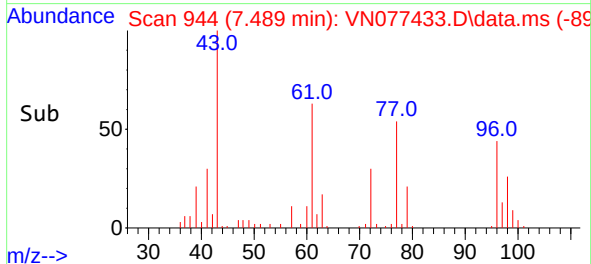
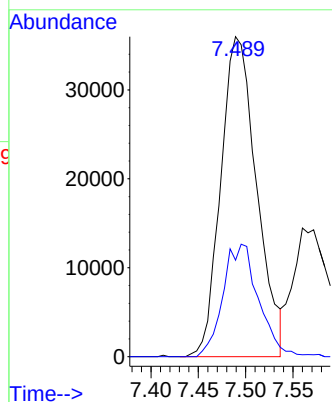
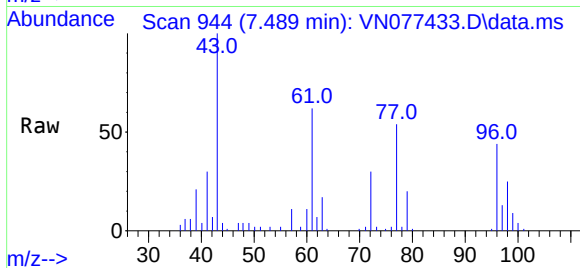
VSTDIC005

Tgt Ion: 43 Resp: 94958

Ion Ratio Lower Upper

43 100

72 30.2 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 4.893 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077433.D

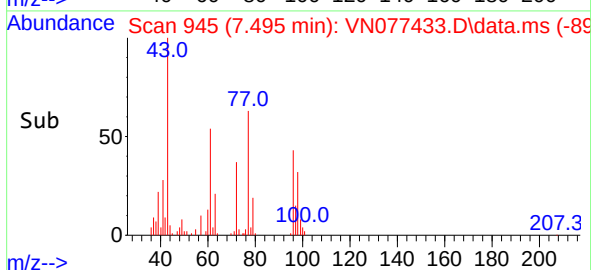
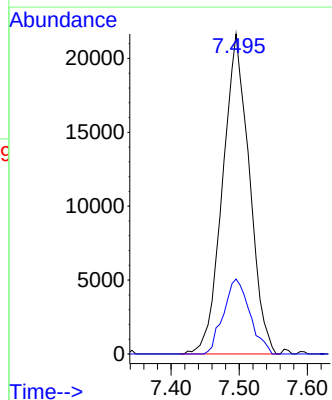
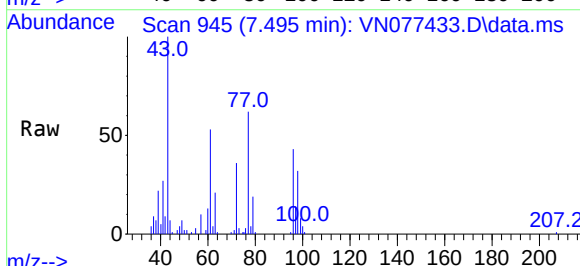
Acq: 24 Apr 2023 12:03

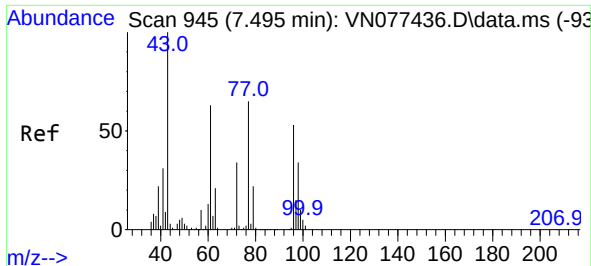
Tgt Ion: 77 Resp: 58988

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 4.743 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

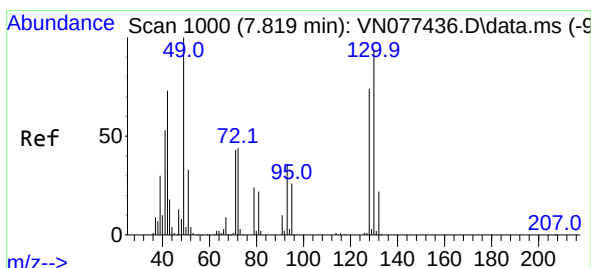
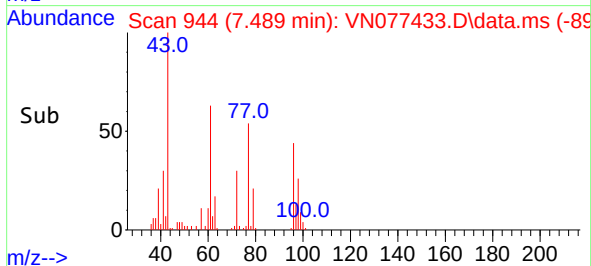
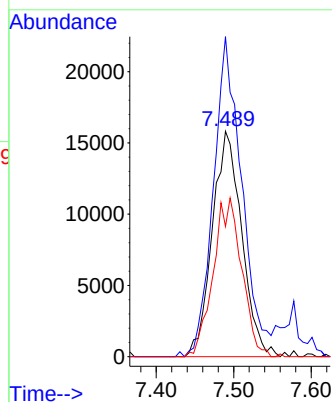
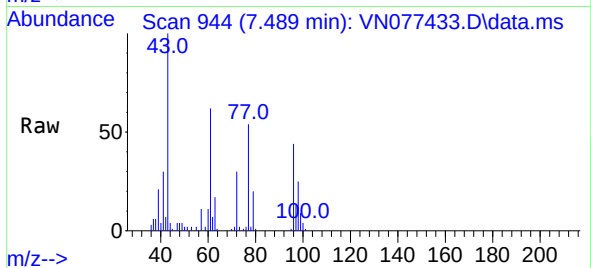
Tgt Ion: 96 Resp: 41815

Ion Ratio Lower Upper

96 100

61 136.5 0.0 255.2

98 68.0 0.0 128.8



#28

Bromochloromethane

Concen: 5.196 ug/l

RT: 7.813 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

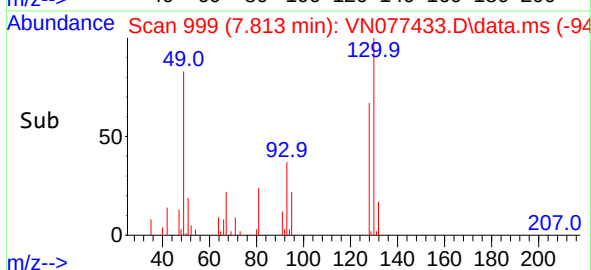
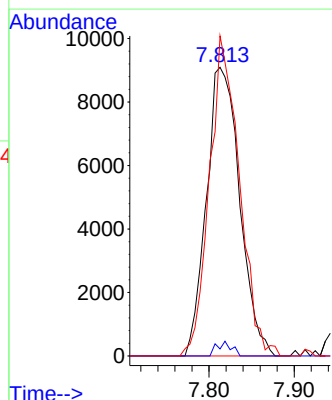
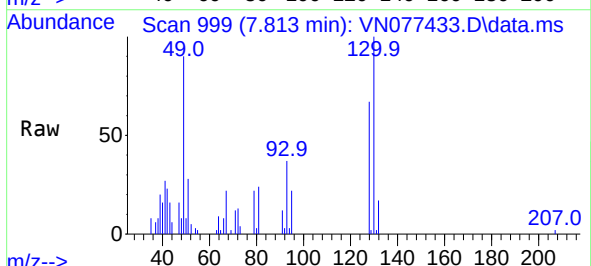
Tgt Ion: 49 Resp: 24672

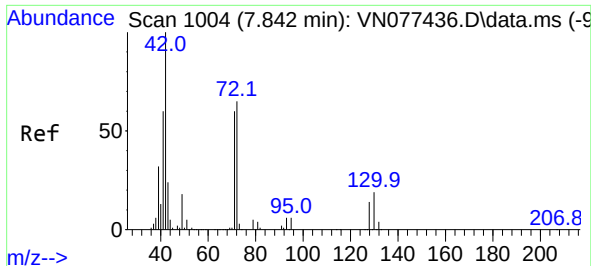
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 99.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 25.451 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

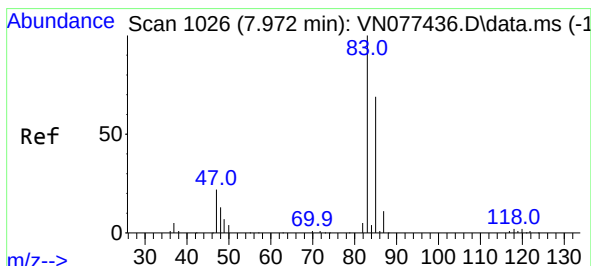
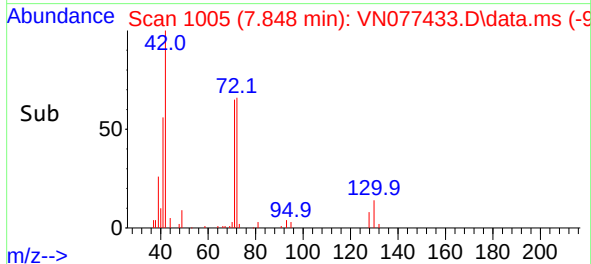
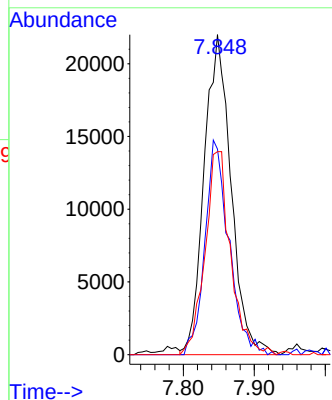
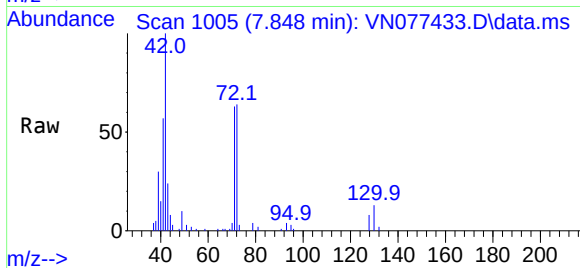
Tgt Ion: 42 Resp: 57918

Ion Ratio Lower Upper

42 100

72 60.0 49.8 74.6

71 60.4 47.4 71.2



#30

Chloroform

Concen: 4.970 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN077433.D

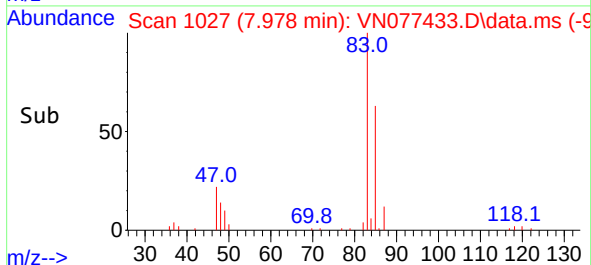
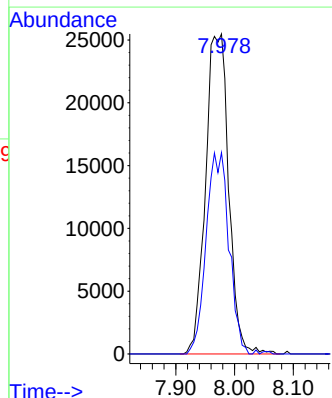
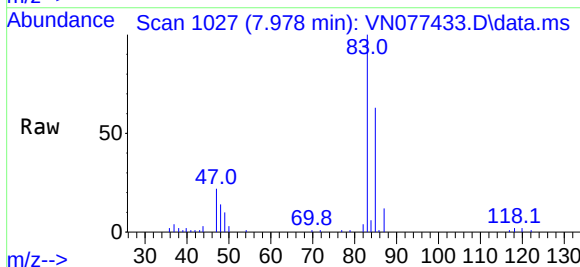
Acq: 24 Apr 2023 12:03

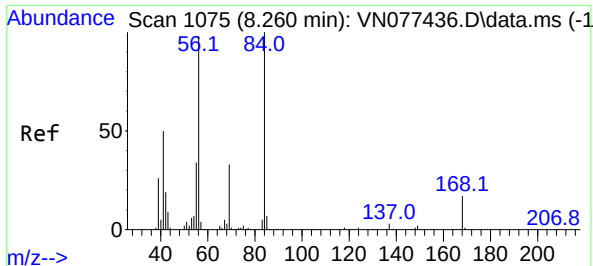
Tgt Ion: 83 Resp: 69639

Ion Ratio Lower Upper

83 100

85 62.9 55.4 83.0

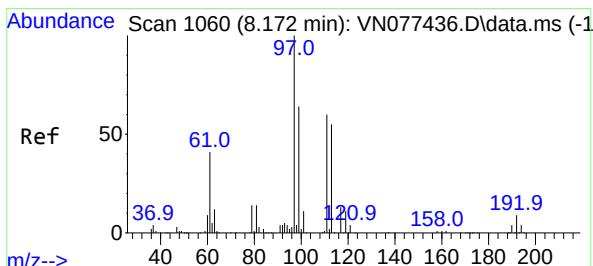
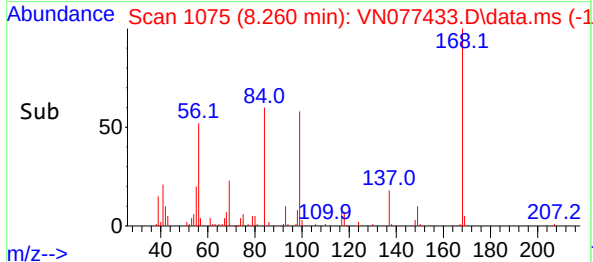
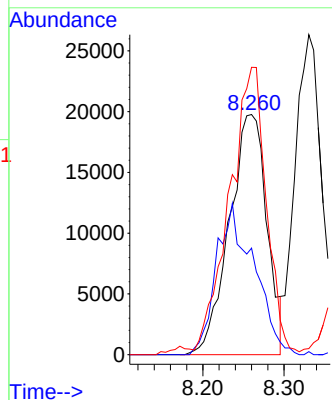
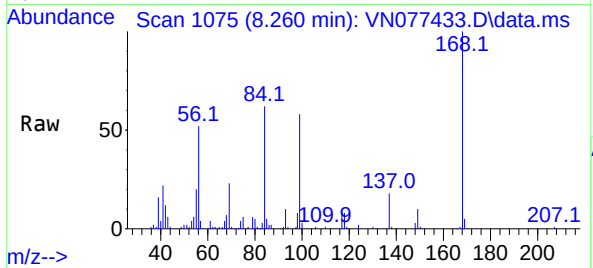




#31
Cyclohexane
Concen: 4.730 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

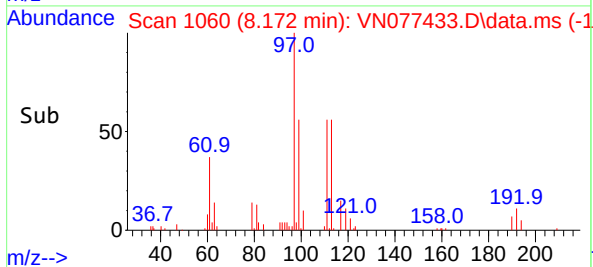
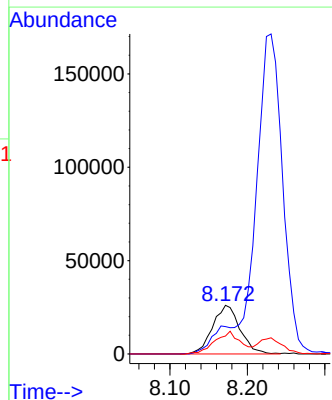
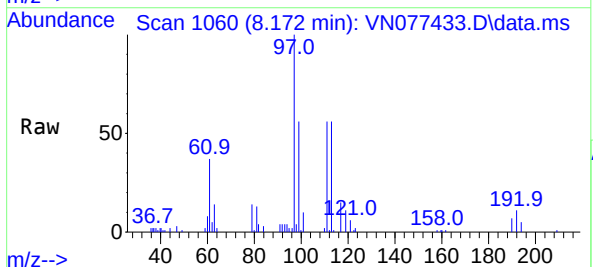
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

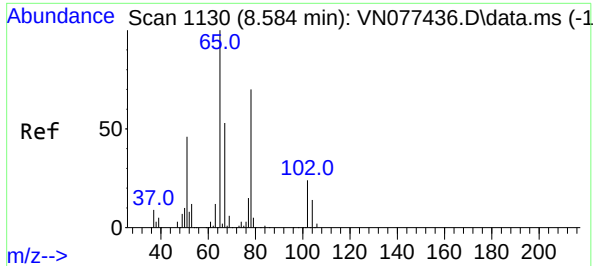
Tgt Ion: 56 Resp: 63538
Ion Ratio Lower Upper
56 100
69 44.3 26.8 40.2#
84 116.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 4.972 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 97 Resp: 64057
Ion Ratio Lower Upper
97 100
99 41.0 50.3 75.5#
61 44.1 34.7 52.1

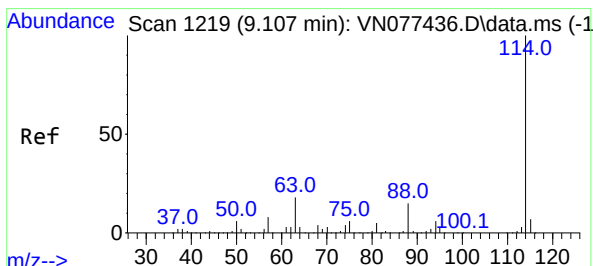
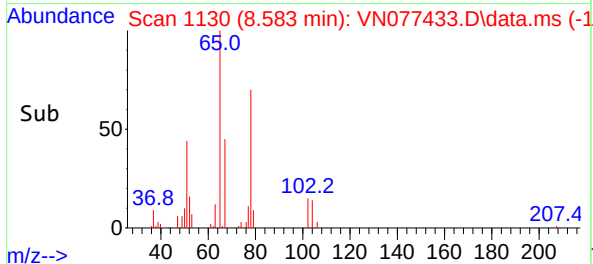
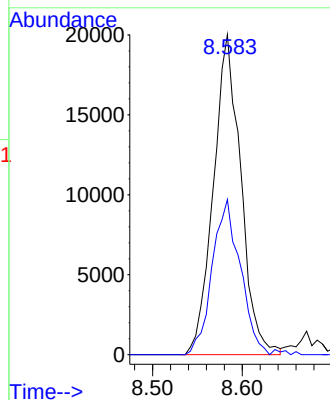
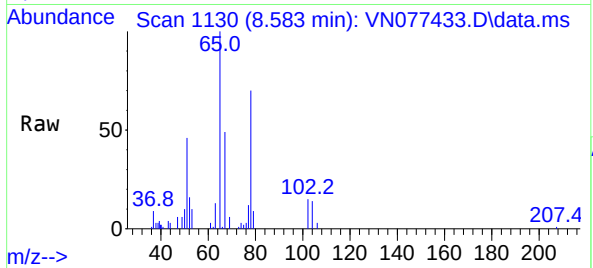




#33
1,2-Dichloroethane-d4
Concen: 5.281 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

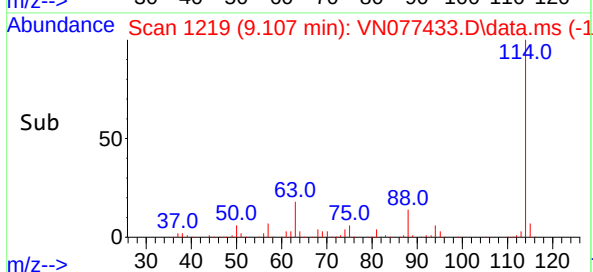
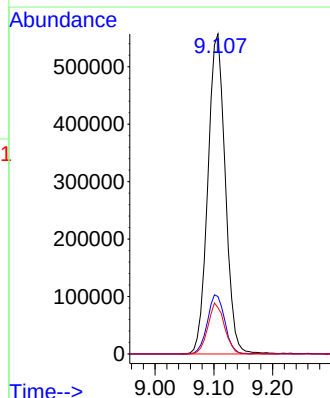
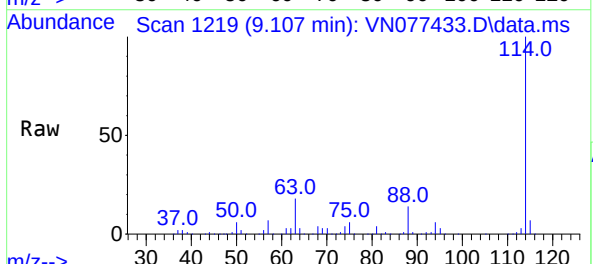
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

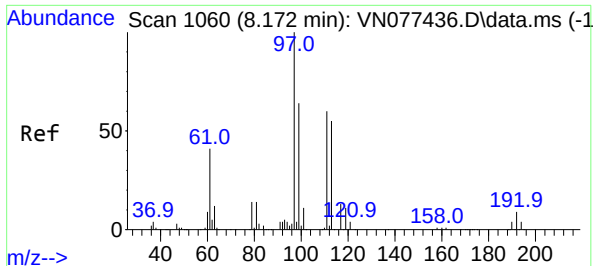
Tgt Ion: 65 Resp: 42481
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:114 Resp: 1148703
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.4
88 14.5 0.0 30.6

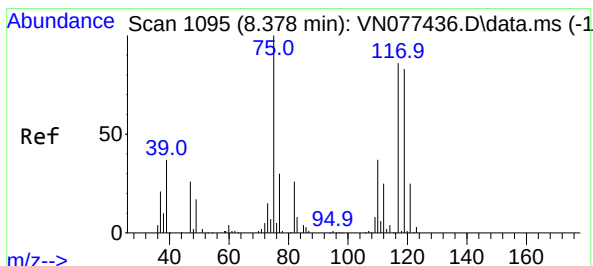
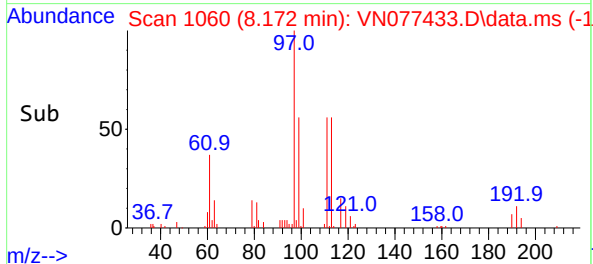
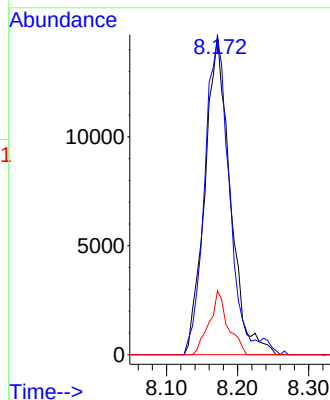
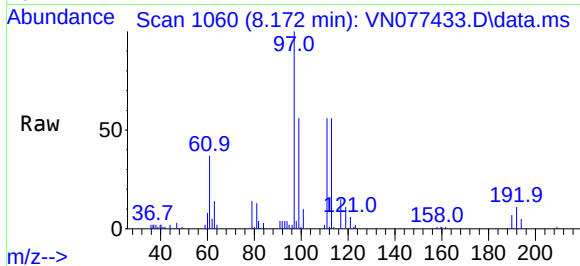




#35
Dibromofluoromethane
Concen: 5.277 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

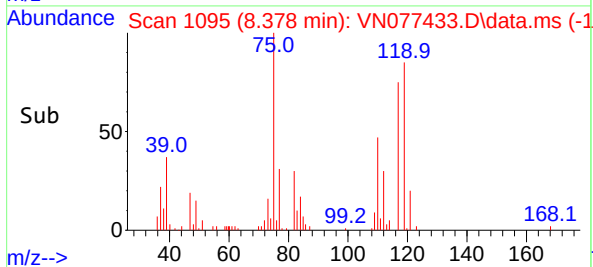
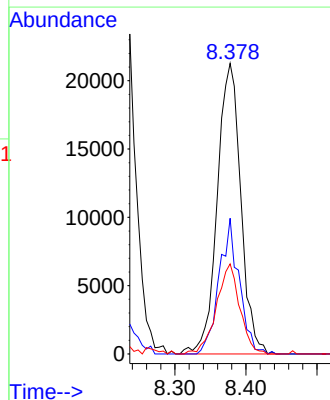
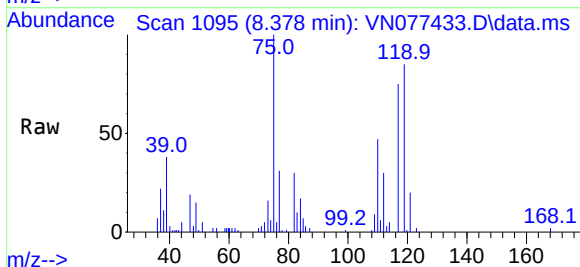
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

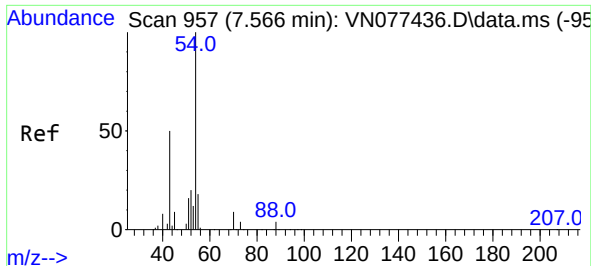
Tgt Ion:113 Resp: 36333
Ion Ratio Lower Upper
113 100
111 97.0 82.6 123.8
192 14.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 75 Resp: 48848
Ion Ratio Lower Upper
75 100
110 40.0 19.1 57.3
77 30.8 25.0 37.4

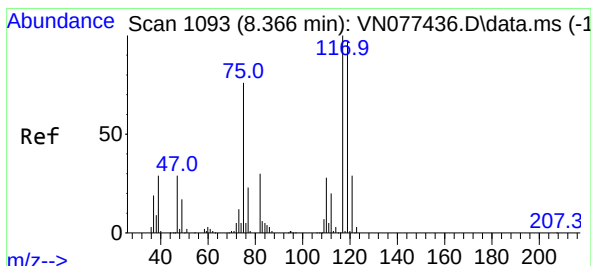
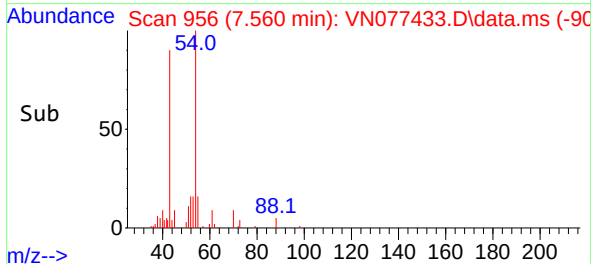
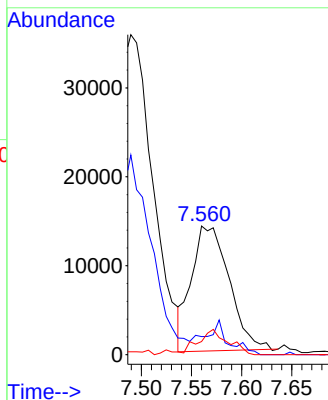
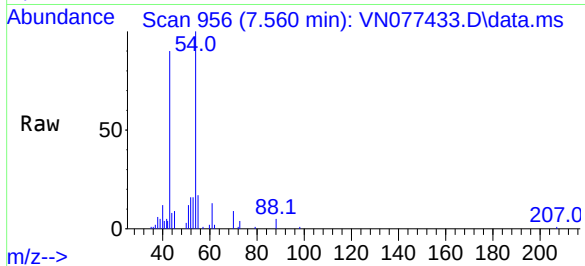




#37
Ethyl Acetate
Concen: 4.866 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

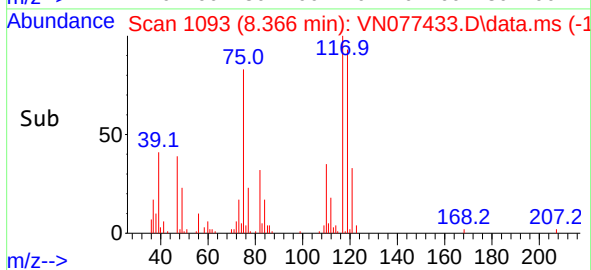
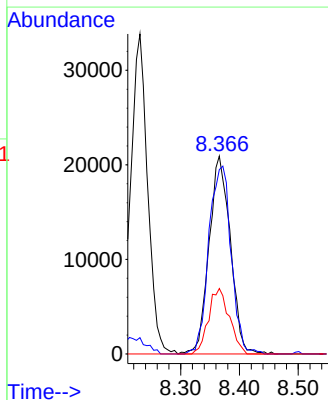
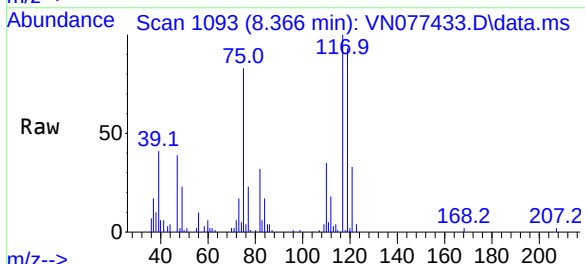
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

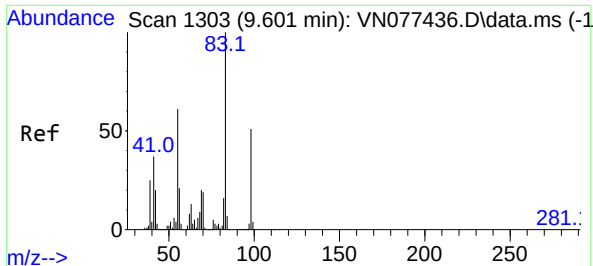
Tgt Ion: 43 Resp: 36885
Ion Ratio Lower Upper
43 100
61 17.2 13.2 19.8
70 16.1 11.3 16.9



#38
Carbon Tetrachloride
Concen: 4.790 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 117 Resp: 52713
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 33.1 23.3 34.9





#39

Methylcyclohexane

Concen: 4.584 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

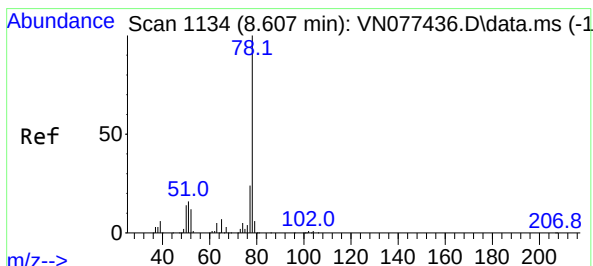
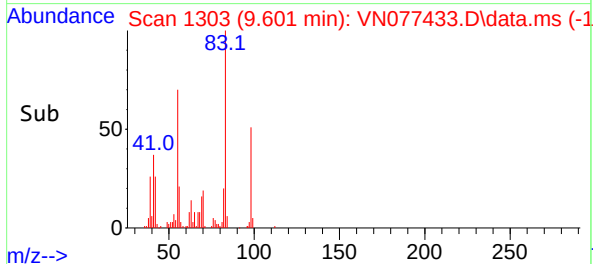
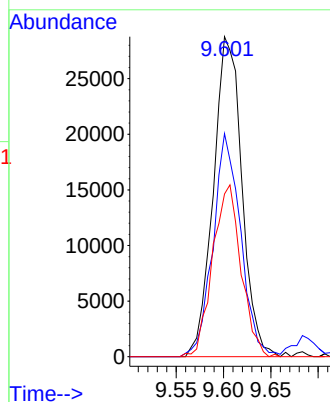
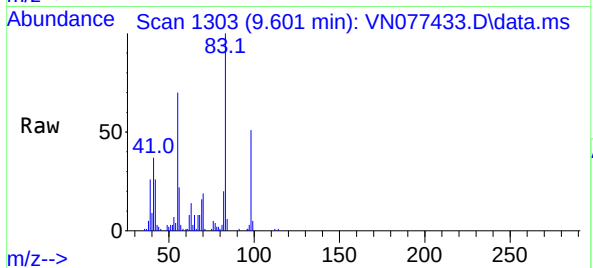
Tgt Ion: 83 Resp: 60244

Ion Ratio Lower Upper

83 100

55 69.7 49.1 73.7

98 50.9 40.6 61.0



#40

Benzene

Concen: 5.020 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077433.D

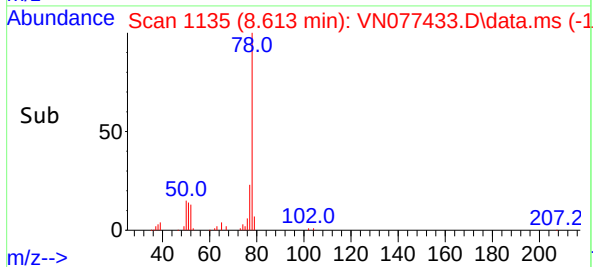
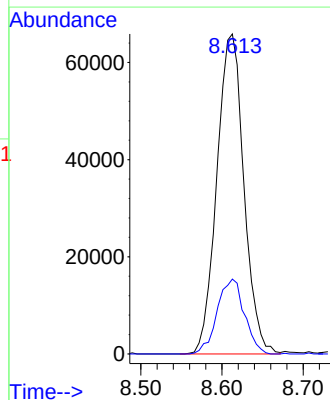
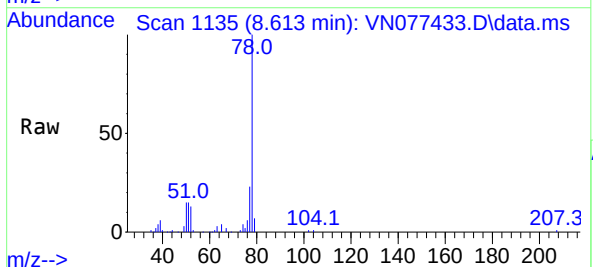
Acq: 24 Apr 2023 12:03

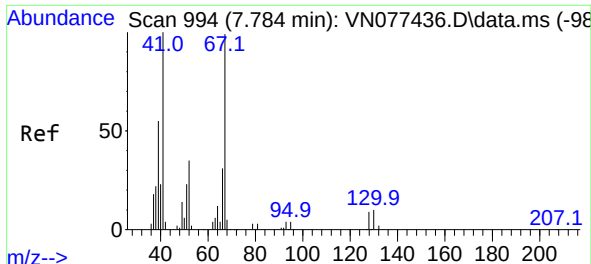
Tgt Ion: 78 Resp: 152547

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



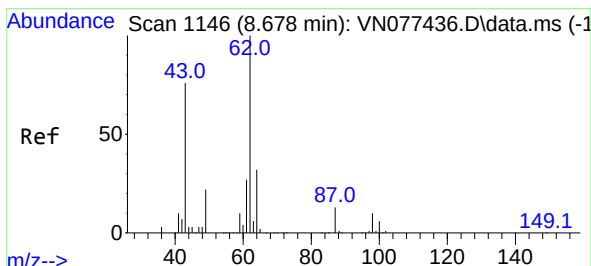
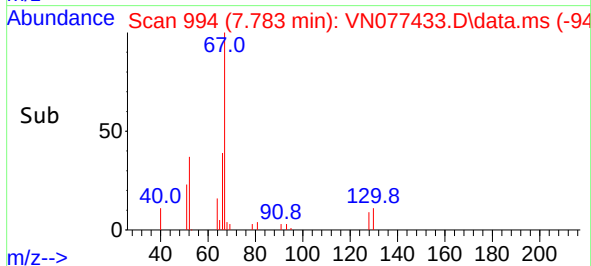
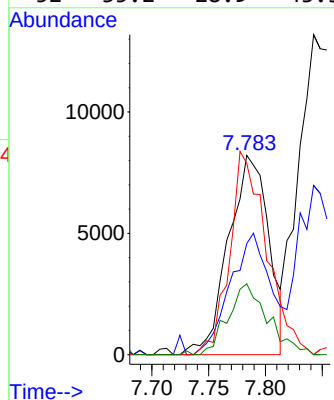
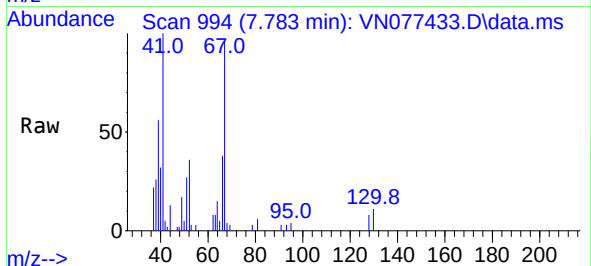


#41
Methacrylonitrile
Concen: 5.135 ug/l
RT: 7.783 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 20272

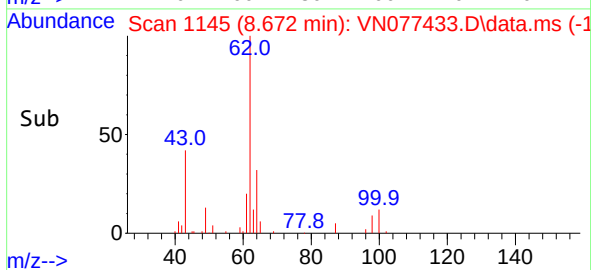
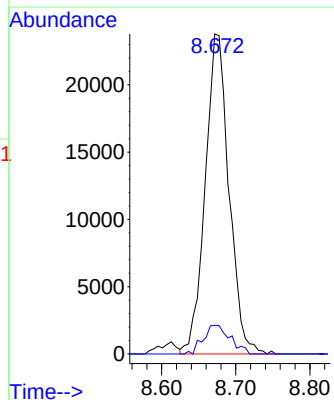
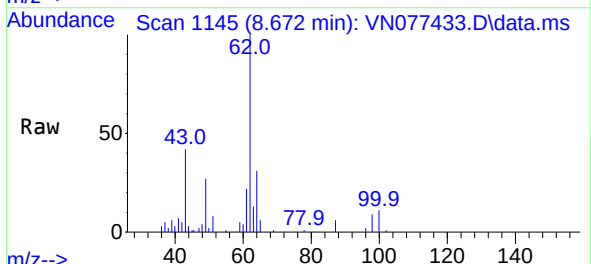
Ion	Ratio	Lower	Upper
41	100		
39	62.8	42.6	64.0
67	93.8	77.5	116.3
52	35.2	28.9	43.3

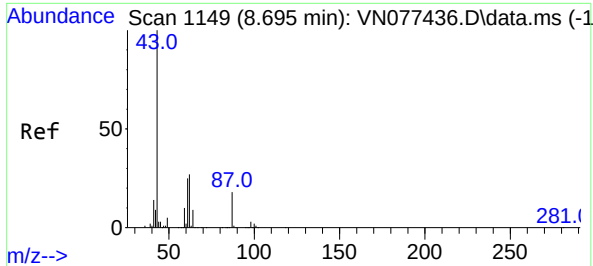


#42
1,2-Dichloroethane
Concen: 5.078 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 62 Resp: 52999

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8

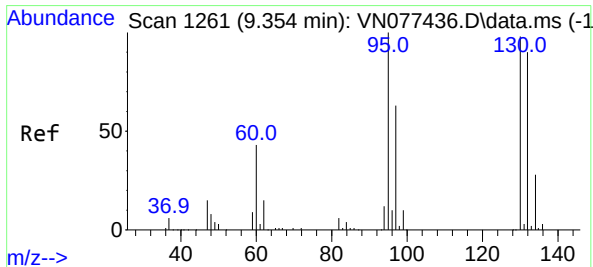
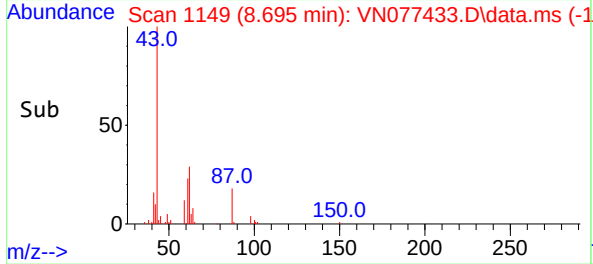
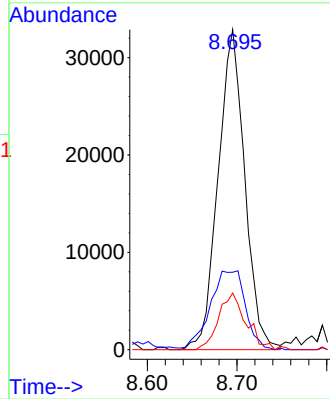
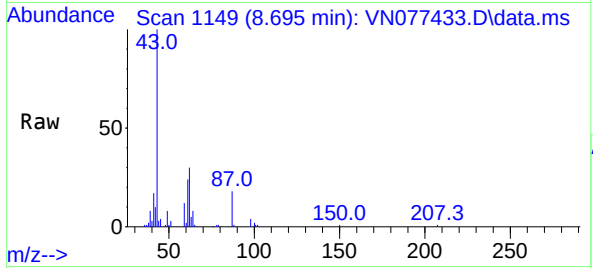




#43
Isopropyl Acetate
Concen: 5.170 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

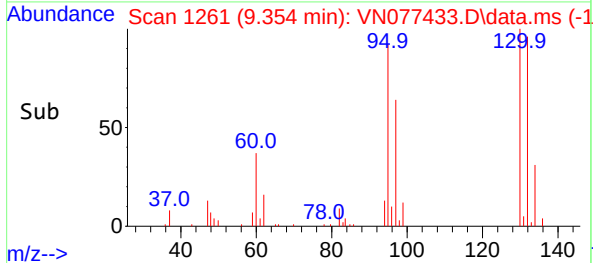
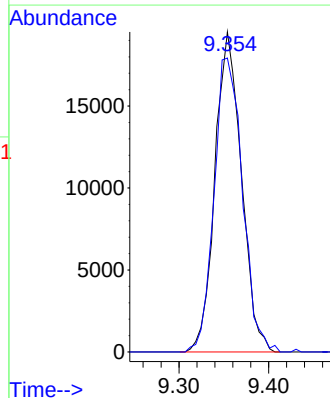
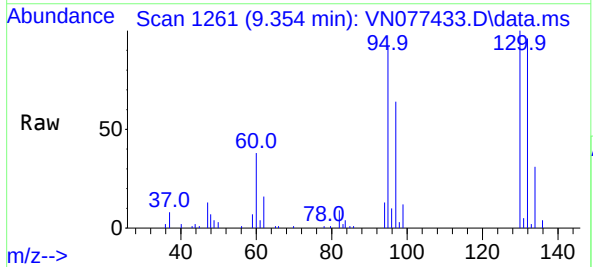
Instrument : MSVOA_N
ClientSampleId : VSTDIC005

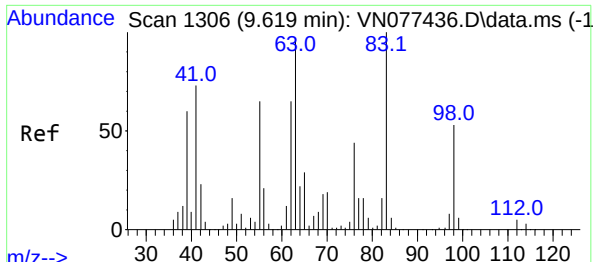
Tgt Ion:	43	Resp:	67790
Ion	Ratio	Lower	Upper
43	100		
61	32.7	24.7	37.1
87	18.4	14.6	21.8



#44
Trichloroethene
Concen: 5.138 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:	130	Resp:	39974
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	204.6

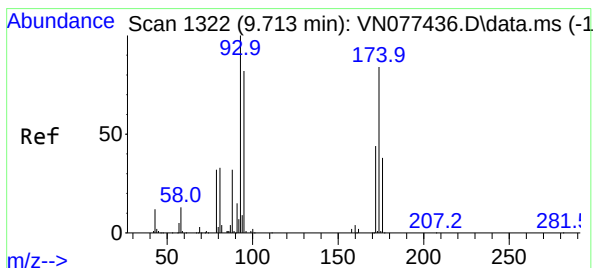
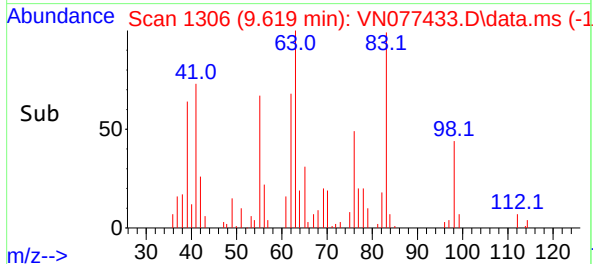
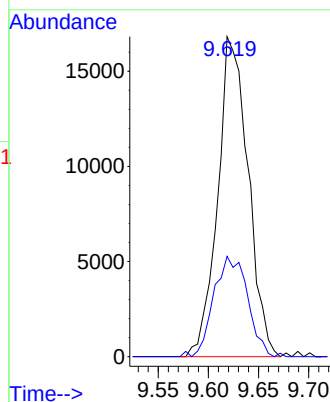
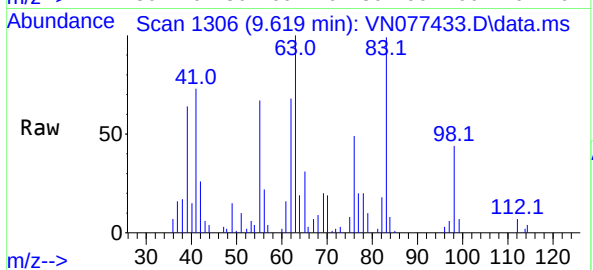




#45
1,2-Dichloropropane
Concen: 4.973 ug/l
RT: 9.619 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

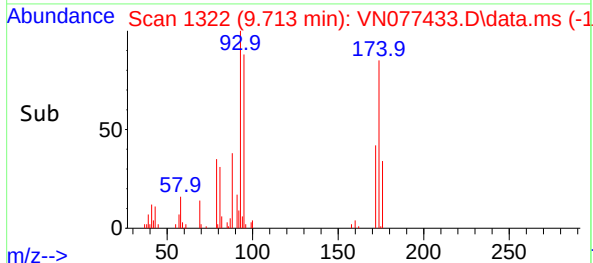
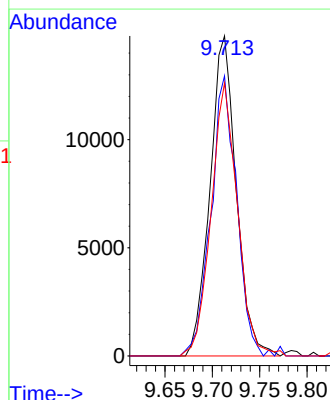
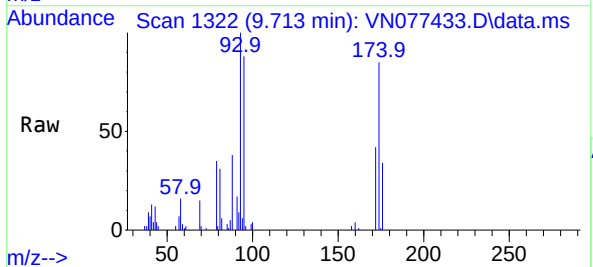
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

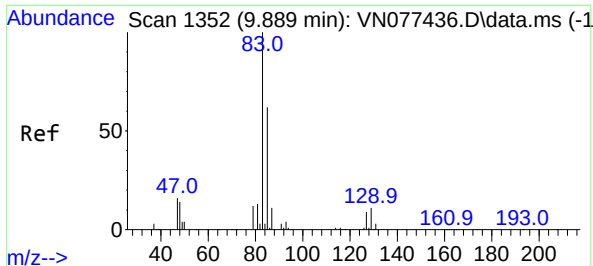
Tgt Ion: 63 Resp: 35396
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9



#46
Dibromomethane
Concen: 4.937 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 93 Resp: 28513
Ion Ratio Lower Upper
93 100
95 85.5 63.8 95.8
174 85.6 65.6 98.4

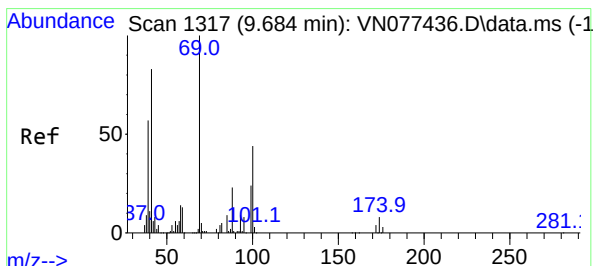
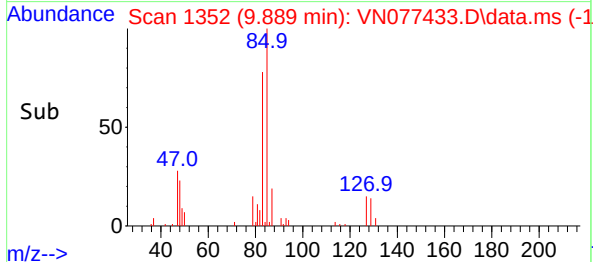
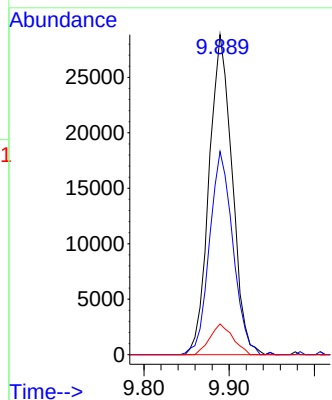
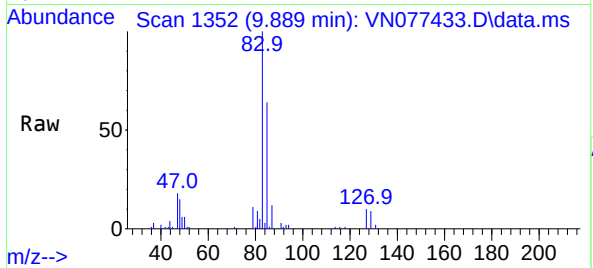




#47
Bromodichloromethane
Concen: 4.856 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

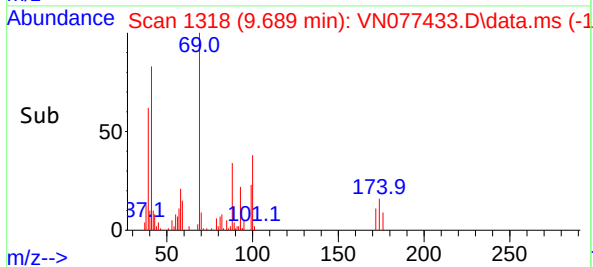
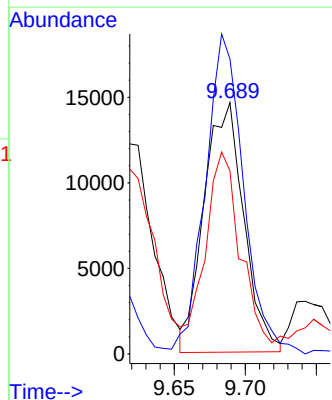
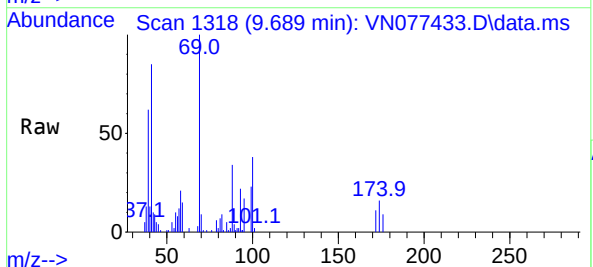
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

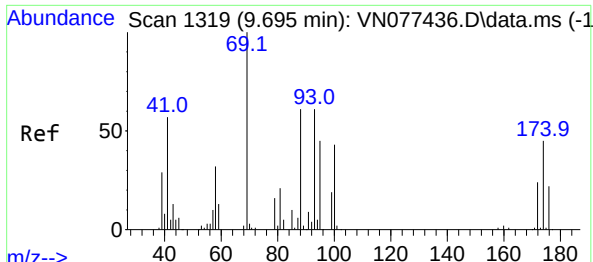
Tgt Ion: 83 Resp: 54248
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 9.6 7.0 10.6



#48
Methyl methacrylate
Concen: 4.753 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 41 Resp: 28370
Ion Ratio Lower Upper
41 100
69 123.3 90.4 135.6
39 71.0 54.6 81.8

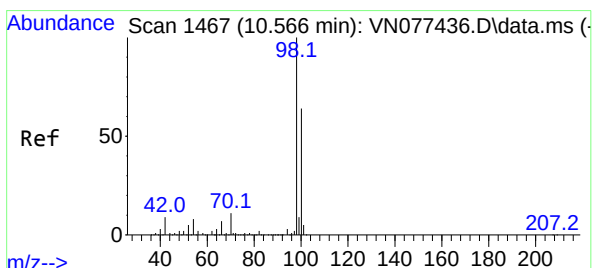
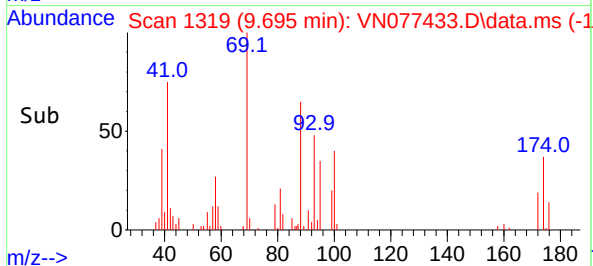
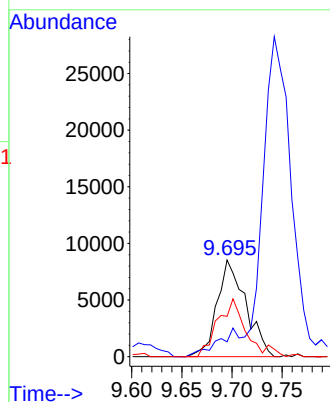
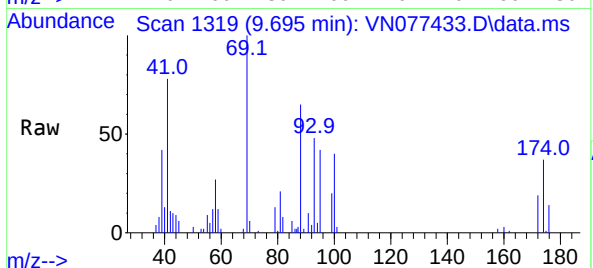




#49
1,4-Dioxane
Concen: 113.428 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

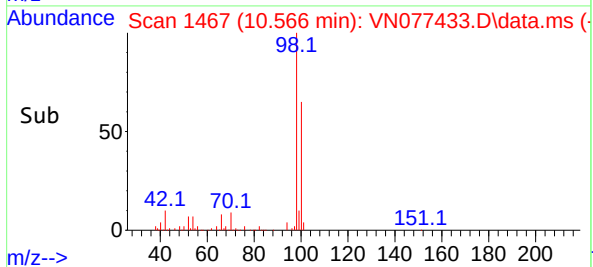
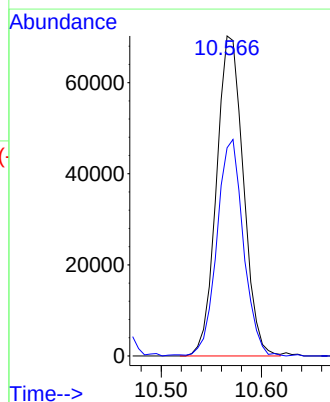
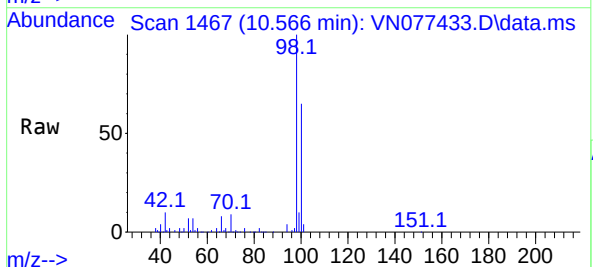
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

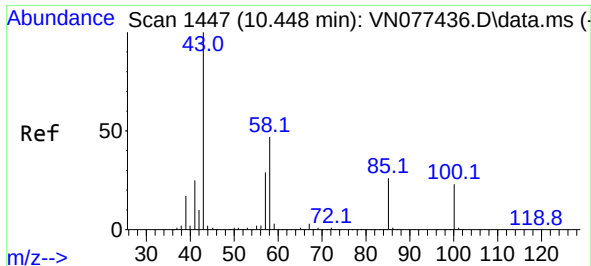
Tgt Ion: 88 Resp: 16982
Ion Ratio Lower Upper
88 100
43 21.7 17.0 25.6
58 55.0 47.0 70.4



#50
Toluene-d8
Concen: 4.957 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 98 Resp: 130517
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

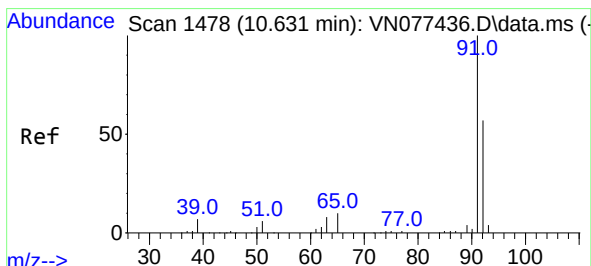
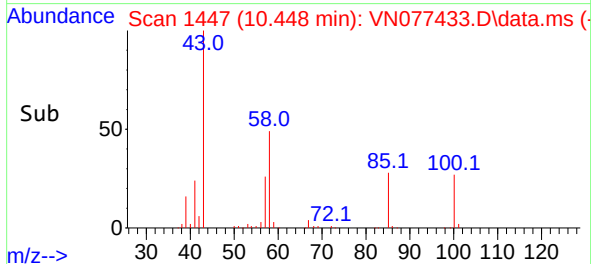
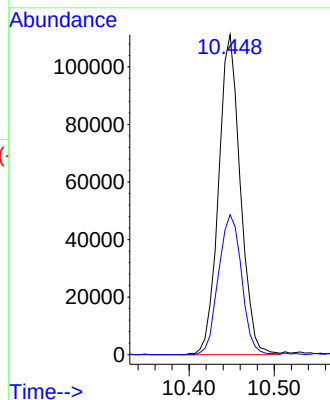
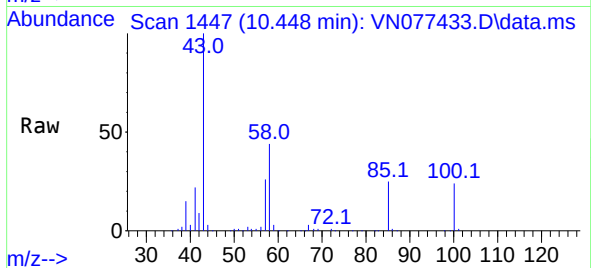




#51
4-Methyl-2-Pentanone
Concen: 25.733 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

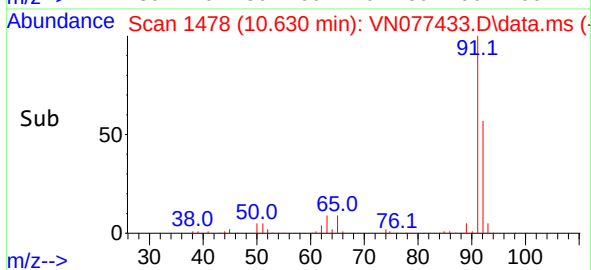
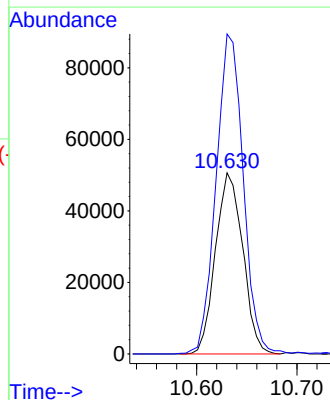
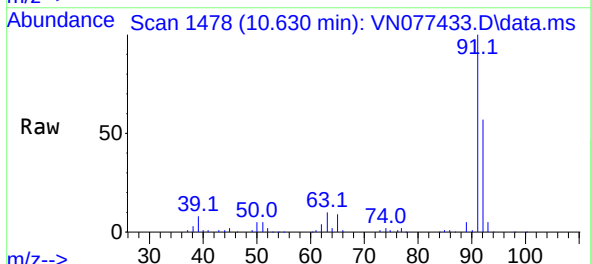
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

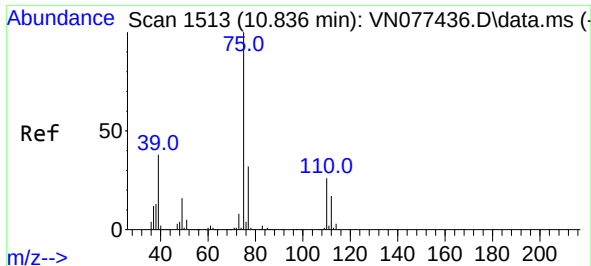
Tgt Ion: 43 Resp: 197918
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8



#52
Toluene
Concen: 4.798 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 92 Resp: 95517
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0

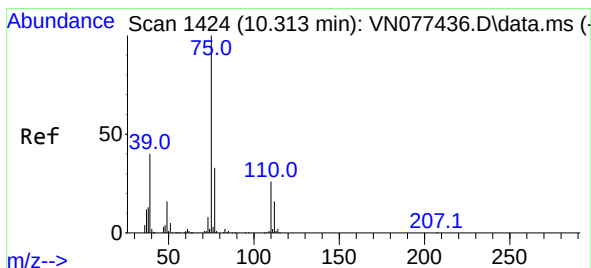
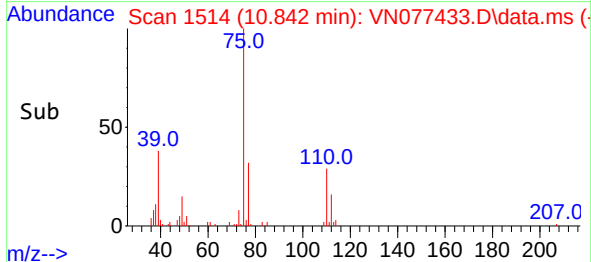
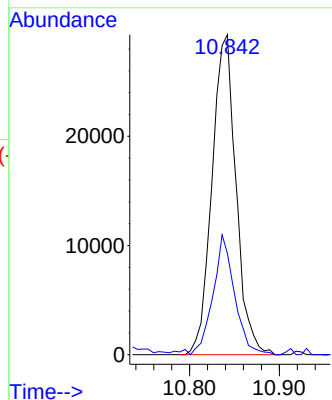
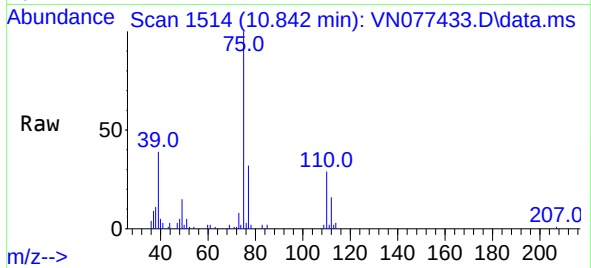




#53
 t-1,3-Dichloropropene
 Concen: 4.818 ug/l
 RT: 10.842 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

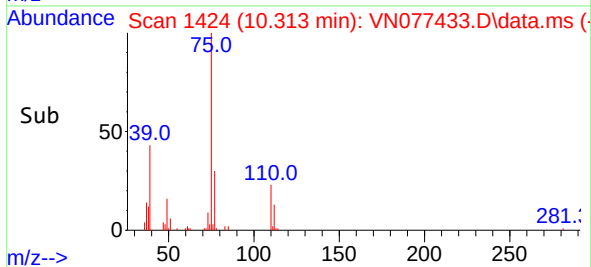
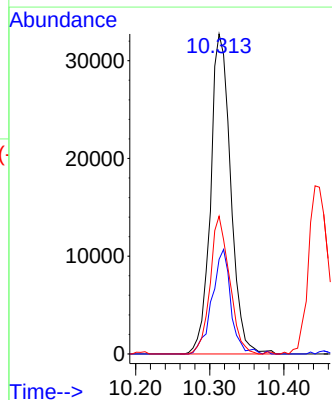
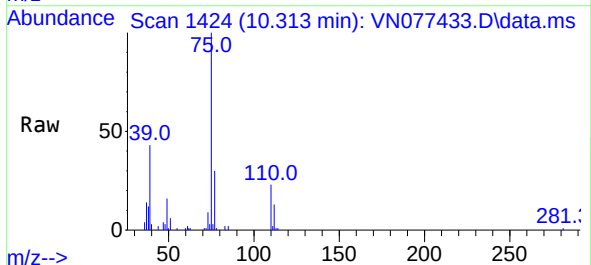
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

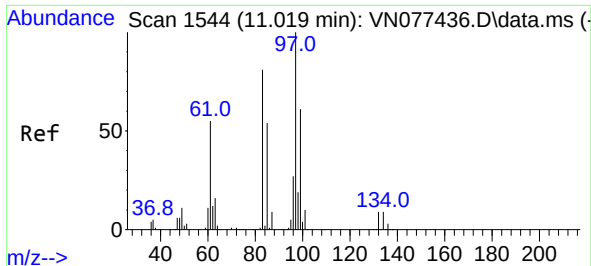
Tgt Ion: 75 Resp: 54504
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 5.016 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

Tgt Ion: 75 Resp: 61764
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.1 39.1
 39 43.1 31.6 47.4



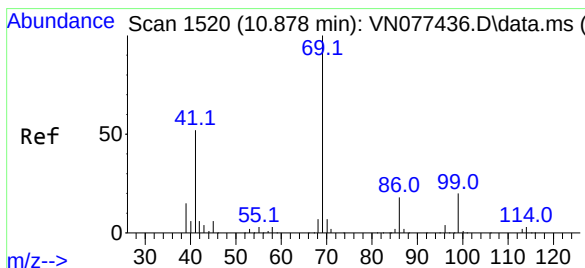
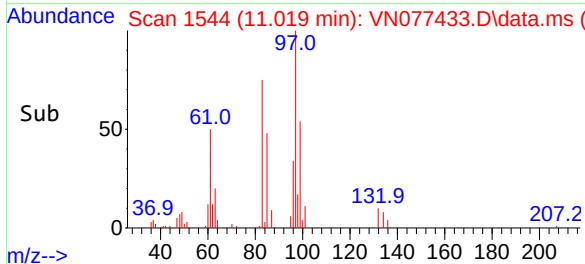
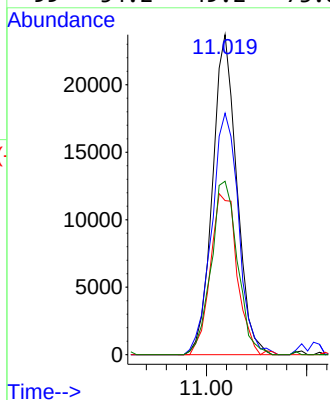
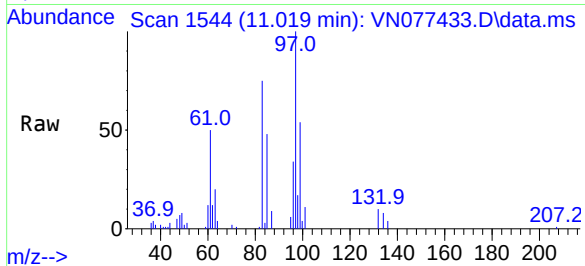


#55
1,1,2-Trichloroethane
Concen: 4.972 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 39803

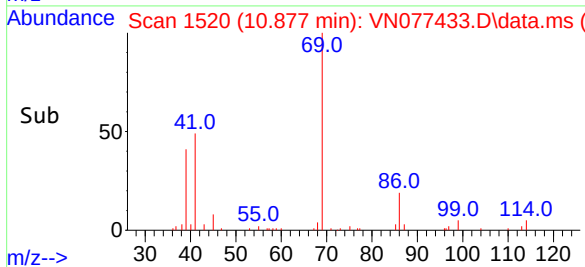
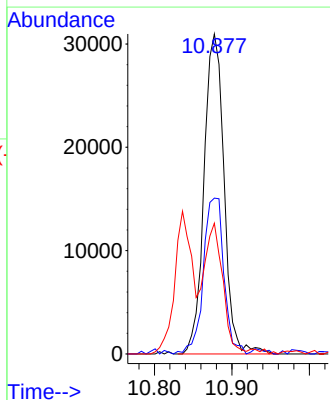
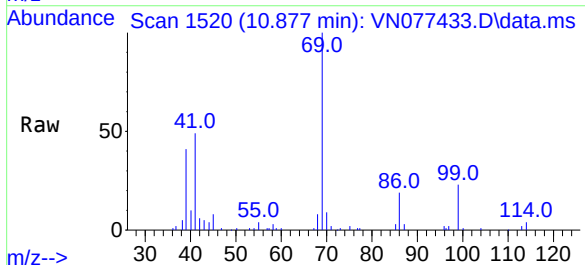
Ion	Ratio	Lower	Upper
97	100		
83	75.5	65.1	97.7
85	48.2	43.4	65.2
99	54.2	49.2	73.8

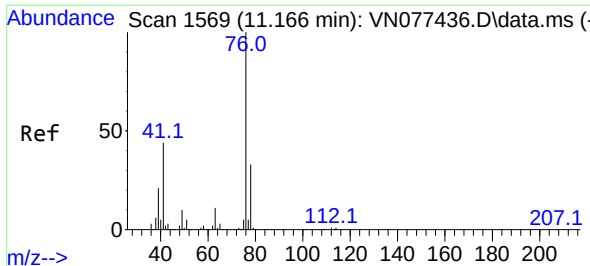


#56
Ethyl methacrylate
Concen: 4.960 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 69 Resp: 55629

Ion	Ratio	Lower	Upper
69	100		
41	50.0	39.6	59.4
39	37.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 5.171 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

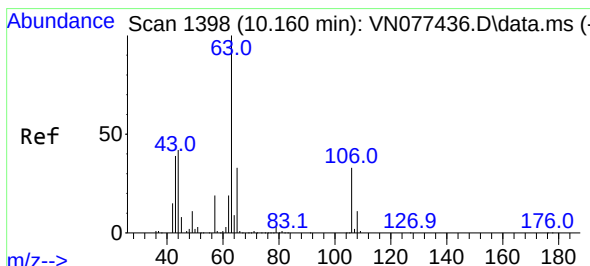
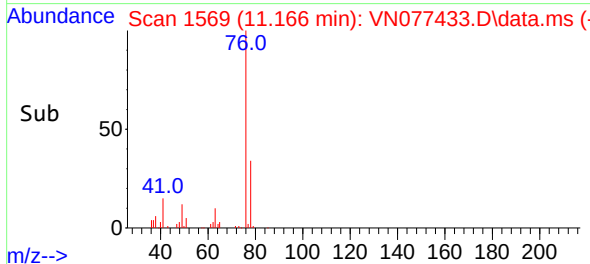
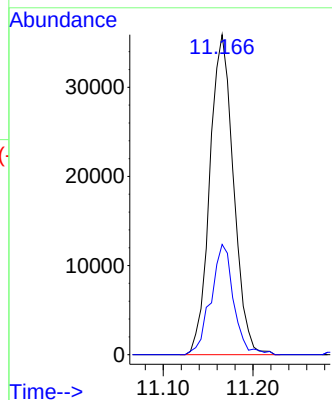
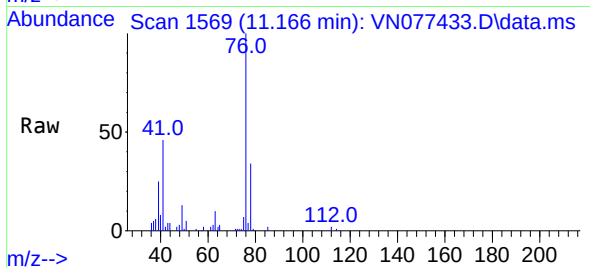
VSTDICC005

Tgt Ion: 76 Resp: 65932

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 22.574 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077433.D

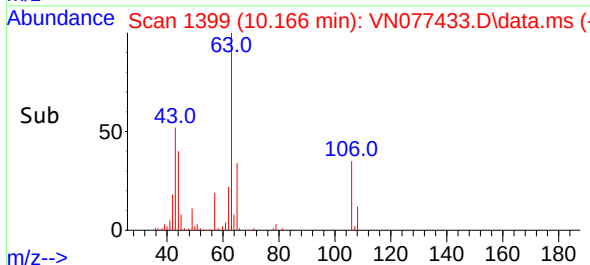
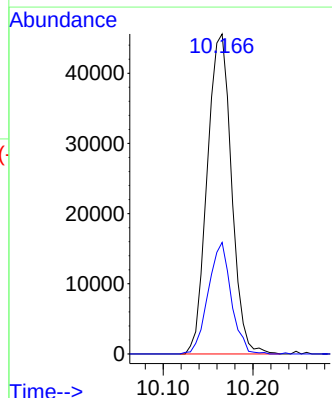
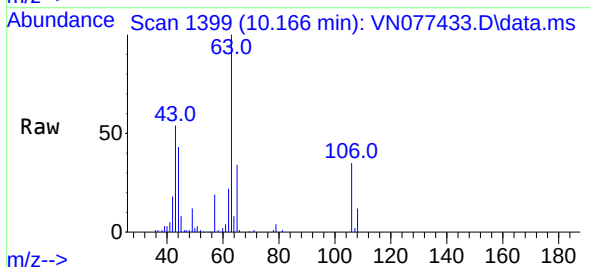
Acq: 24 Apr 2023 12:03

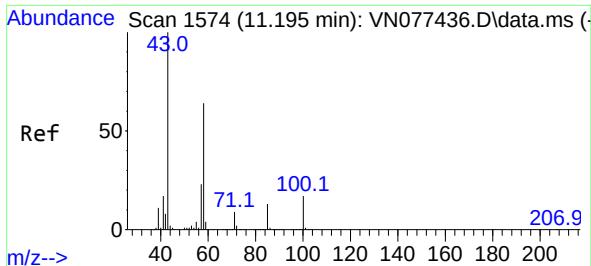
Tgt Ion: 63 Resp: 85642

Ion Ratio Lower Upper

63 100

106 32.9 26.2 39.4

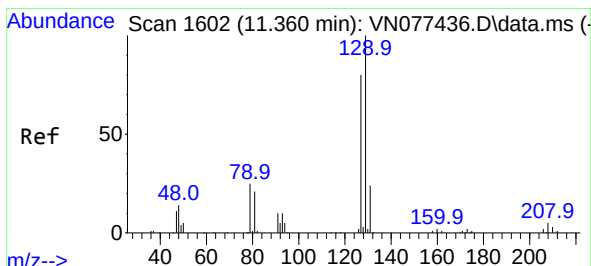
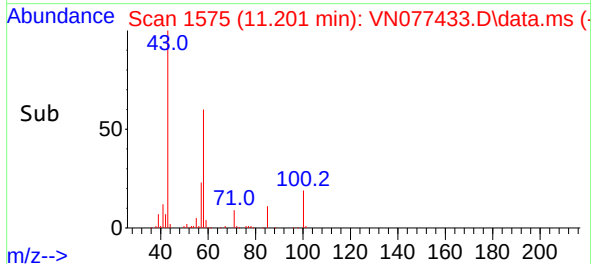
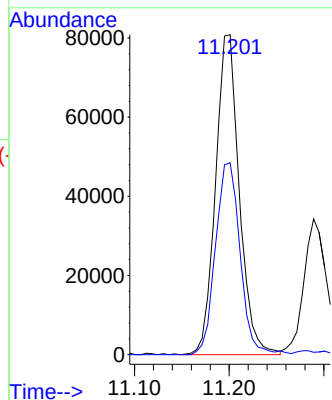
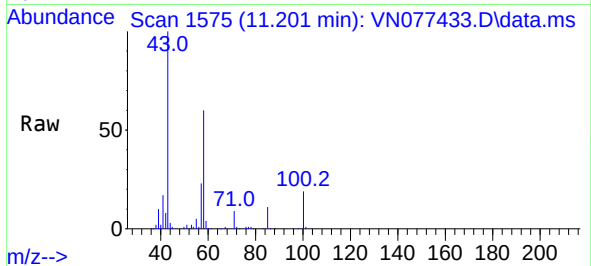




#59
2-Hexanone
Concen: 25.209 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

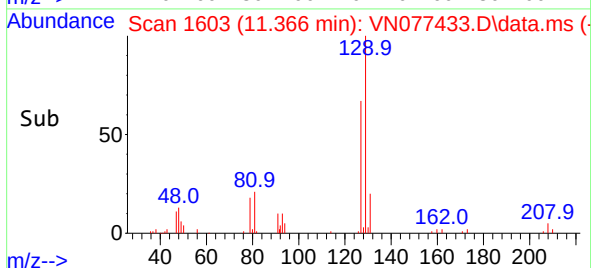
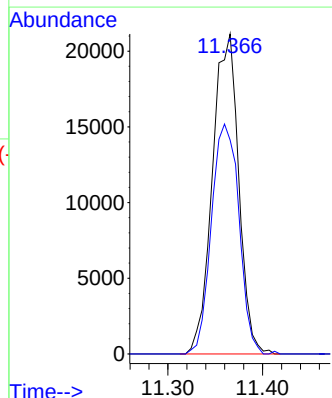
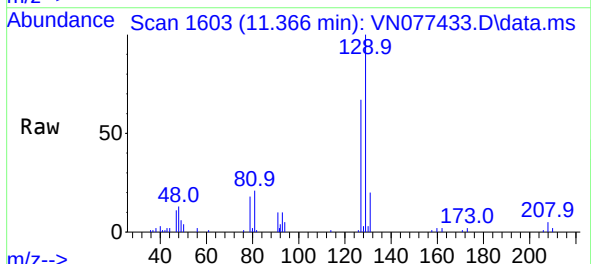
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

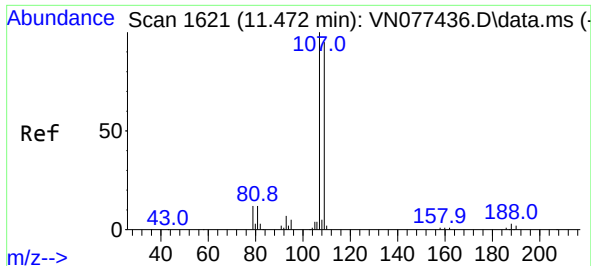
Tgt Ion: 43 Resp: 140934
Ion Ratio Lower Upper
43 100
58 62.2 31.7 95.1



#60
Dibromochloromethane
Concen: 4.893 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 129 Resp: 40649
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0

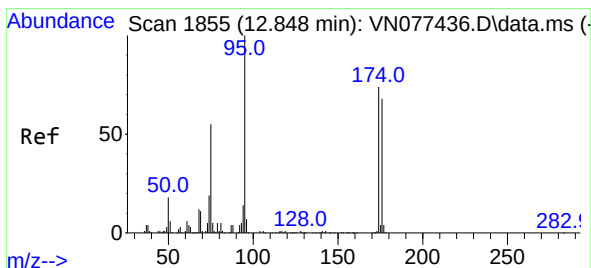
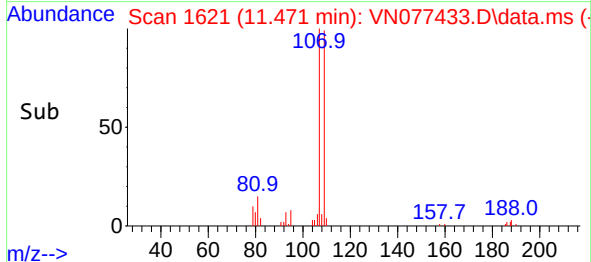
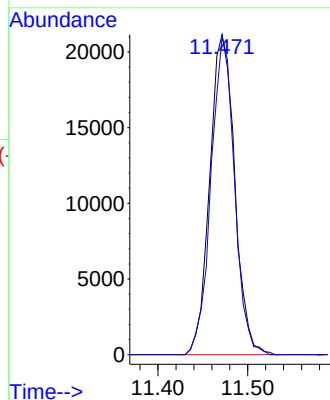
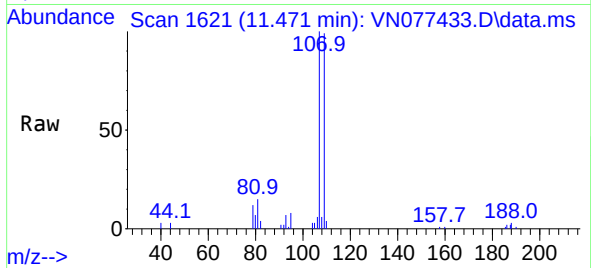




#61
1,2-Dibromoethane
Concen: 4.985 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

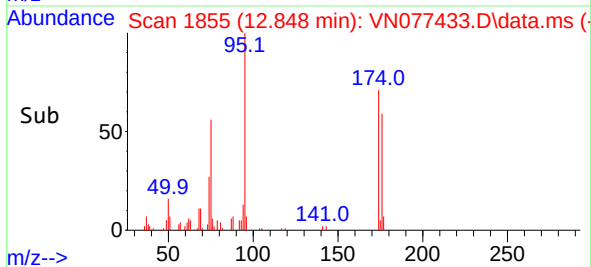
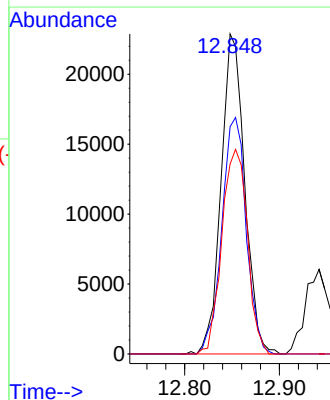
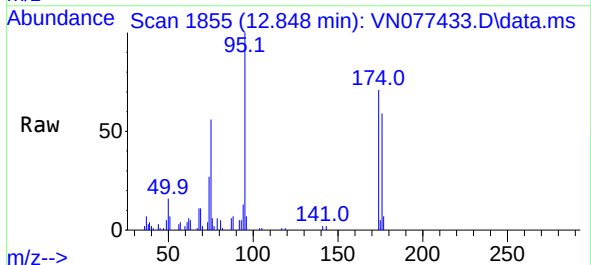
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

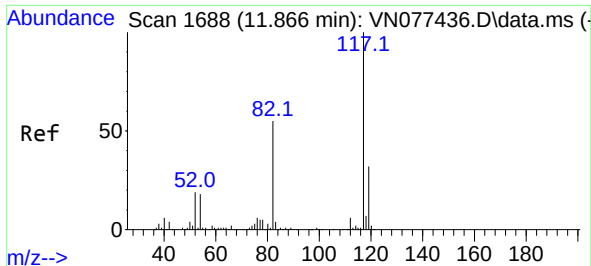
Tgt Ion:107 Resp: 40742
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 4.590 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 95 Resp: 39616
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 69.0 0.0 135.8

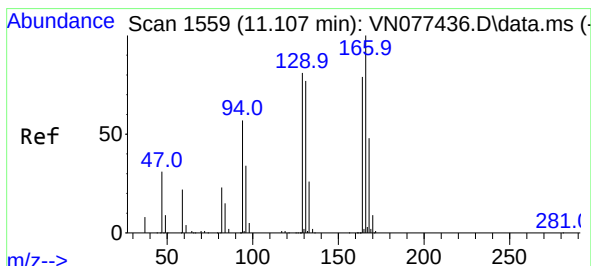
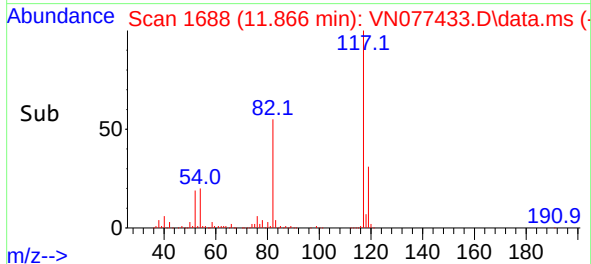
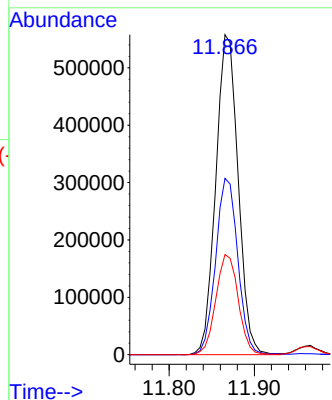
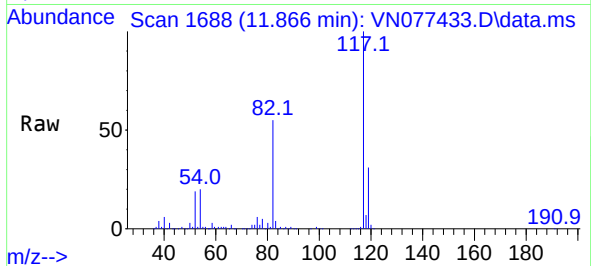




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

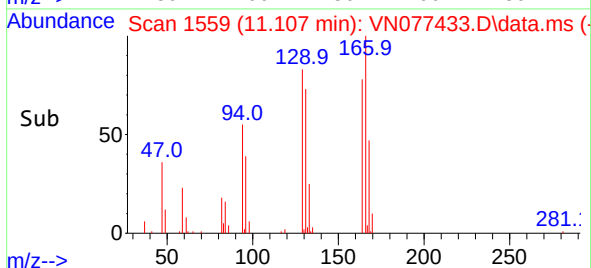
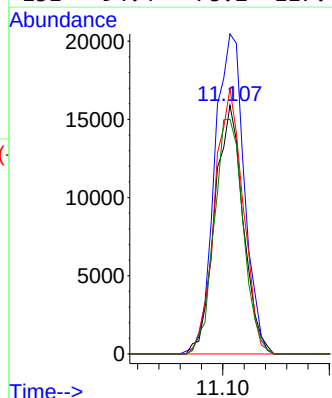
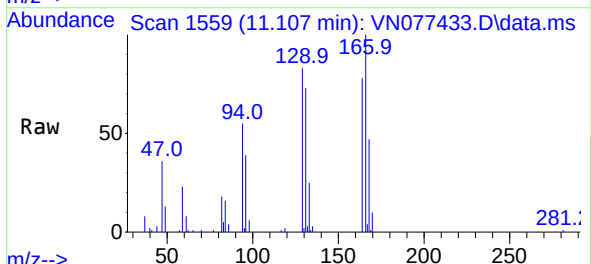
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

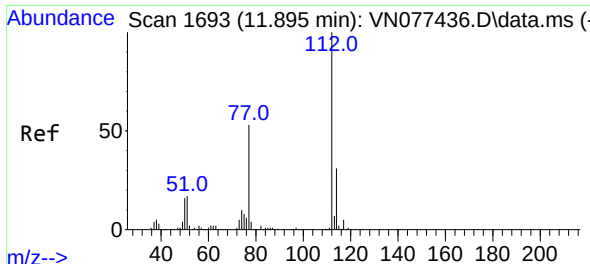
Tgt Ion:117 Resp: 1015798
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 4.851 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:164 Resp: 29497
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 106.7 82.4 123.6
131 94.4 78.2 117.4

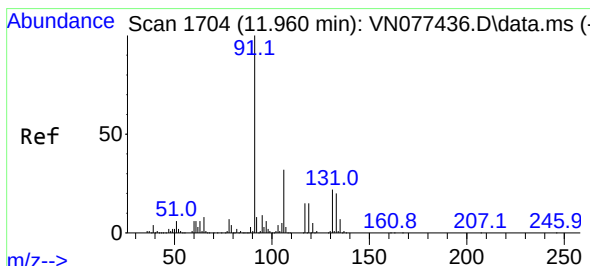
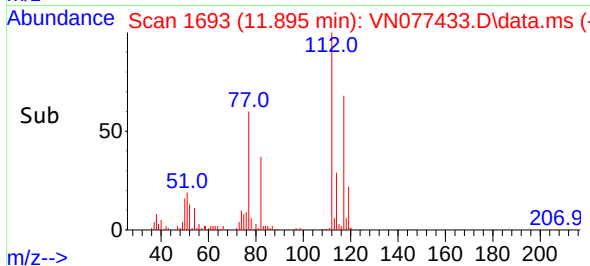
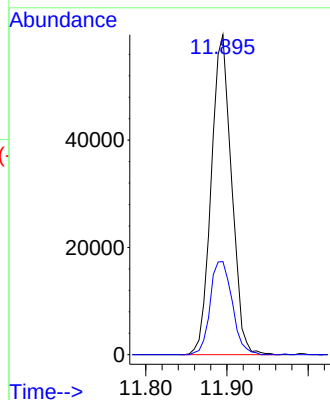
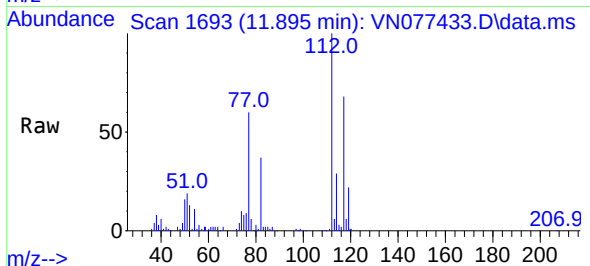




#65
Chlorobenzene
Concen: 4.823 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

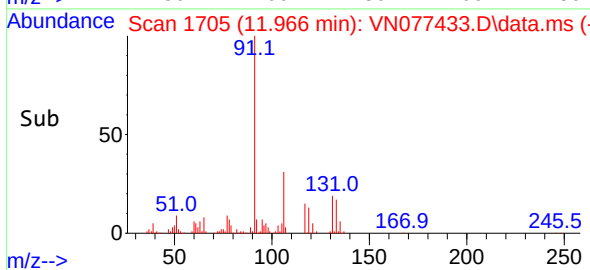
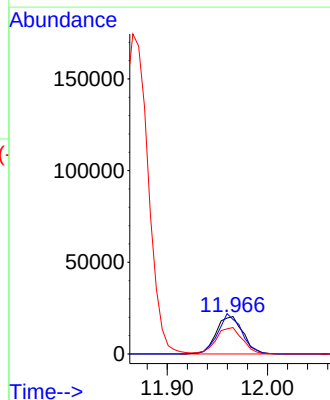
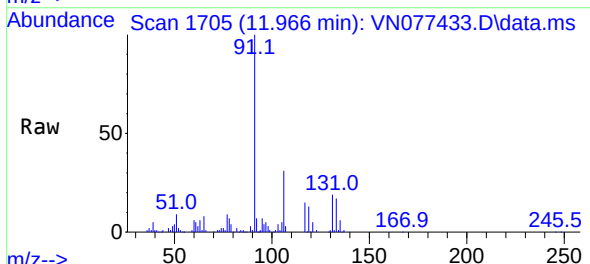
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

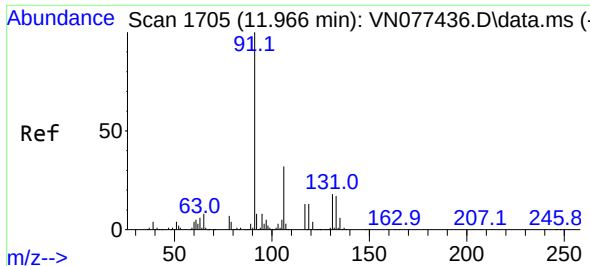
Tgt Ion:112 Resp: 103678
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:131 Resp: 38096
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 69.6 34.1 102.2

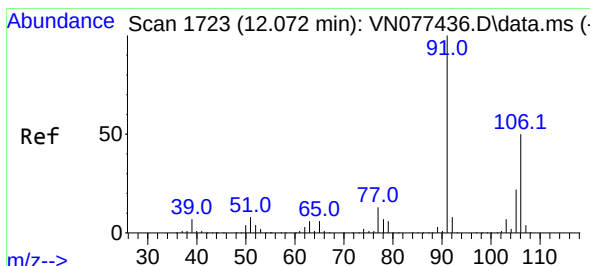
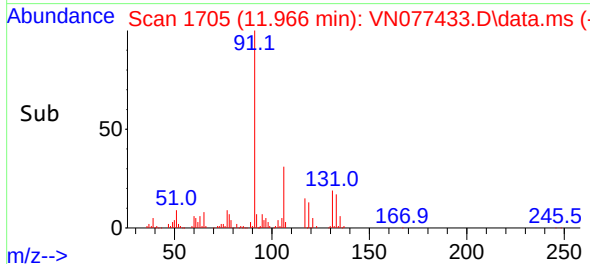
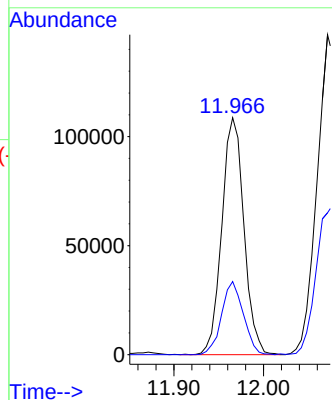
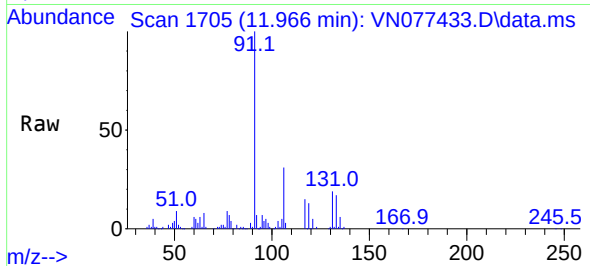




#67
Ethyl Benzene
Concen: 4.918 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

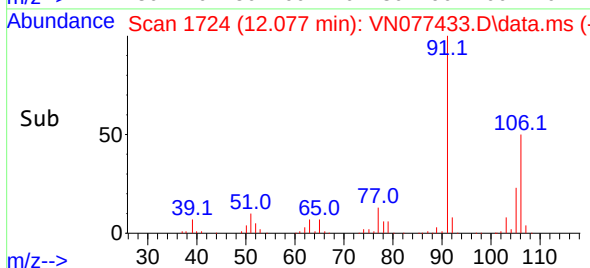
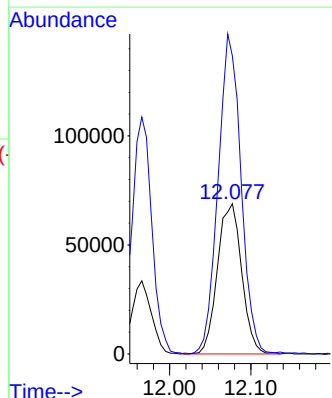
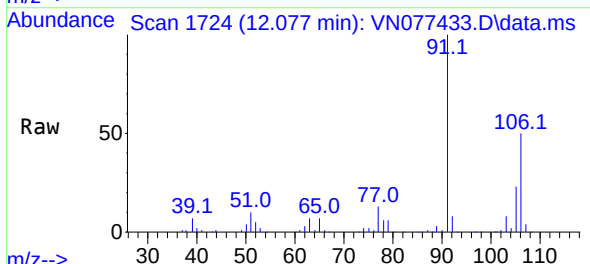
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

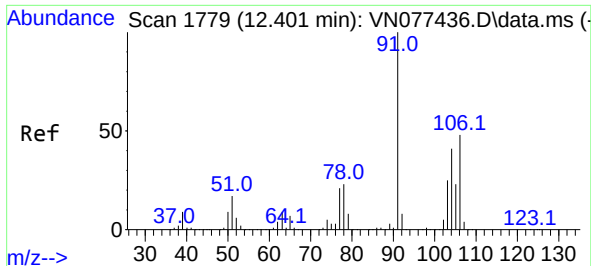
Tgt Ion: 91 Resp: 186095
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 9.738 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:106 Resp: 143213
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4

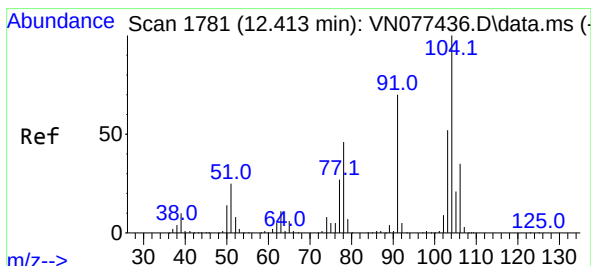
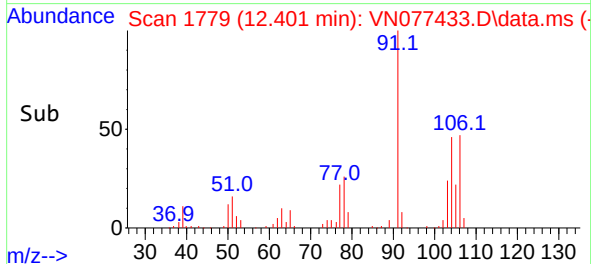
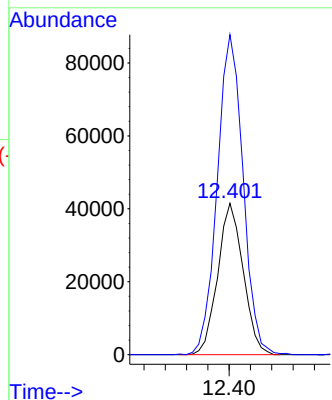
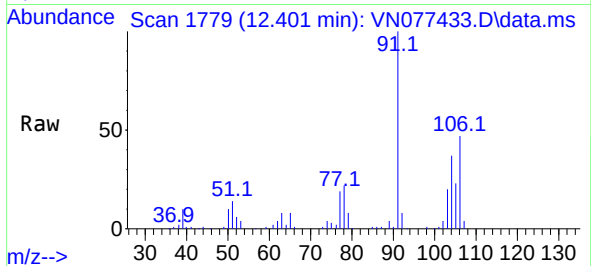




#69
o-Xylene
Concen: 4.760 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

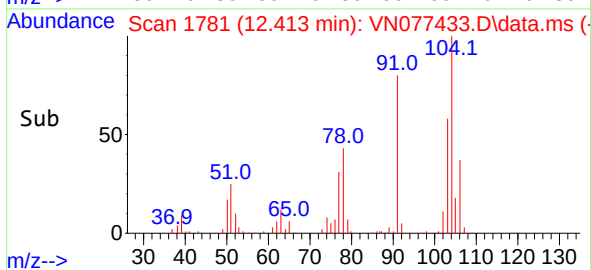
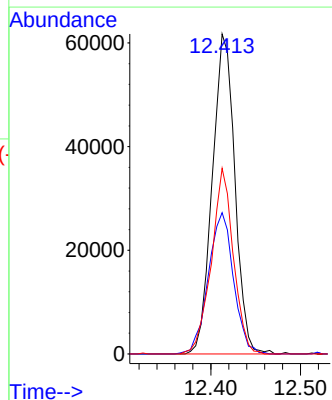
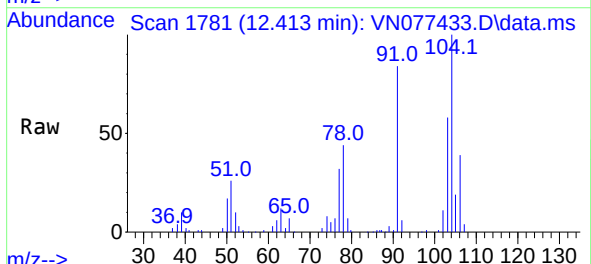
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

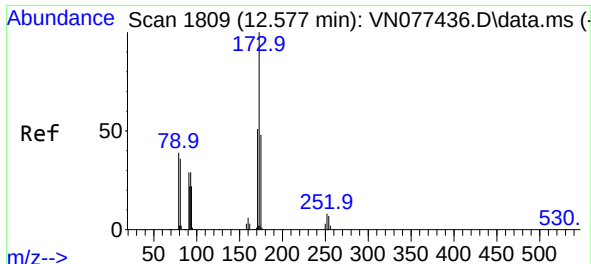
Tgt Ion:106 Resp: 68852
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5



#70
Styrene
Concen: 4.755 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:104 Resp: 107574
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 56.8 43.2 64.8

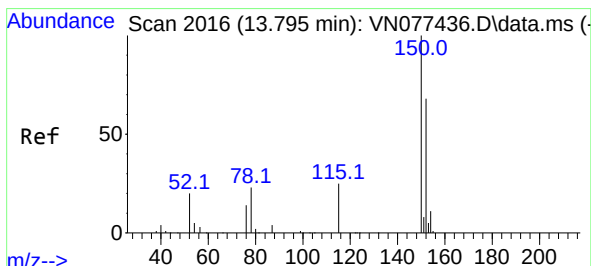
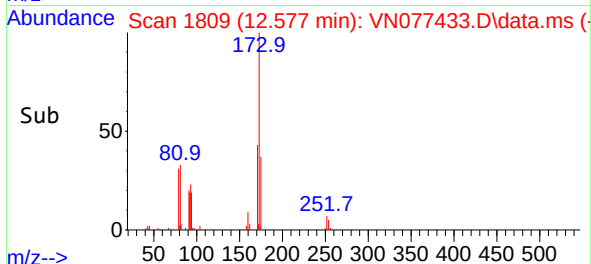
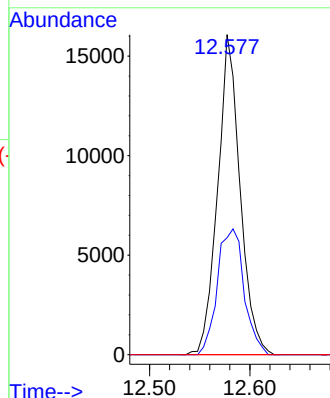
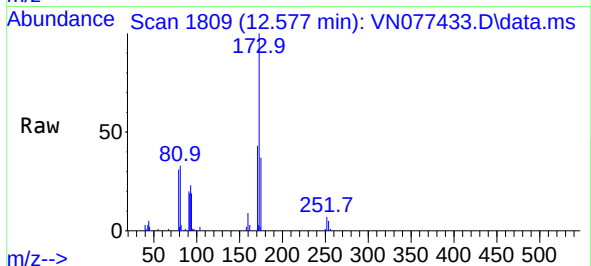




#71
Bromoform
Concen: 4.881 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

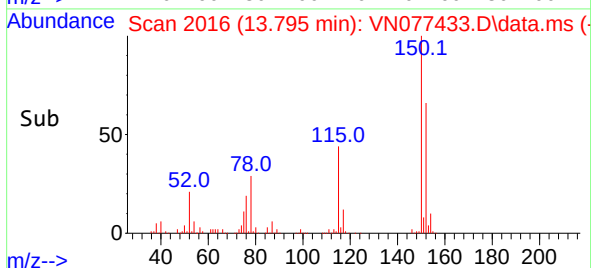
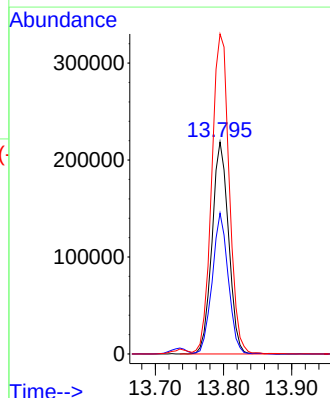
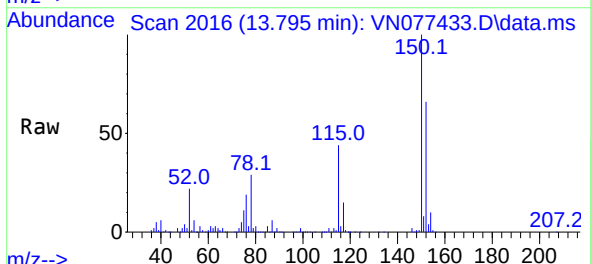
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

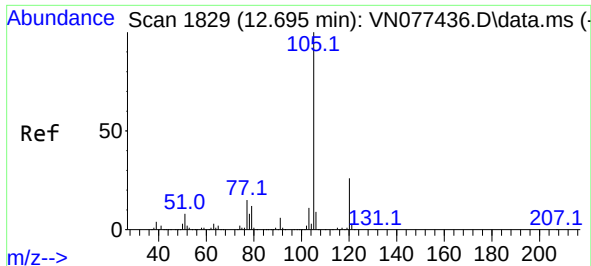
Tgt Ion:173 Resp: 24972
Ion Ratio Lower Upper
173 100
175 46.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:152 Resp: 369948
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.4 0.0 355.8

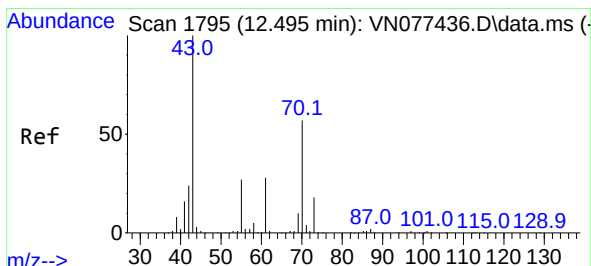
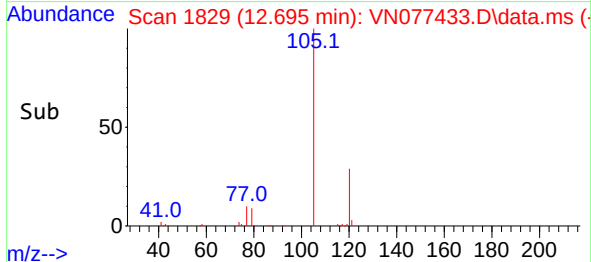
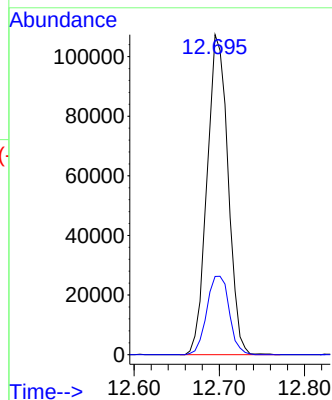
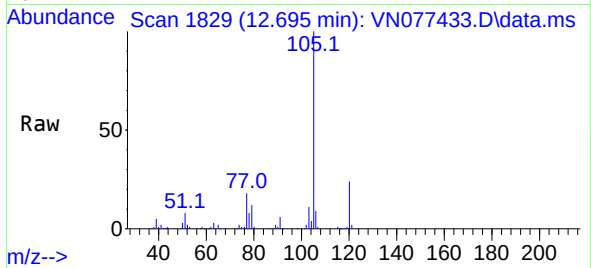




#73
Isopropylbenzene
Concen: 5.347 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

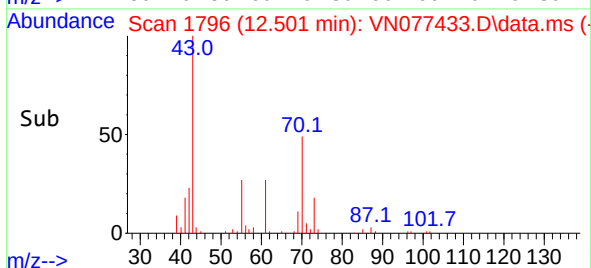
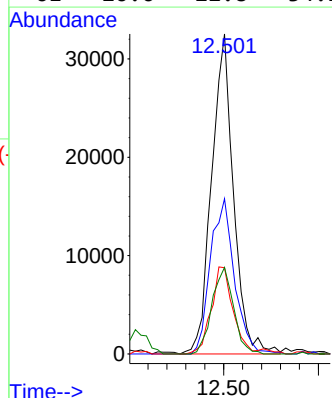
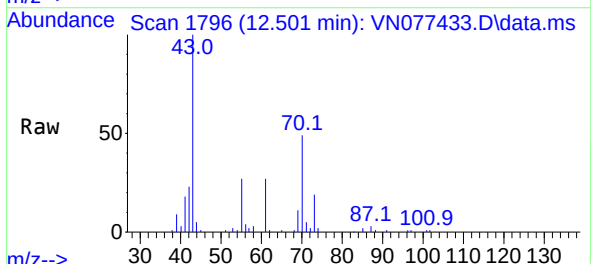
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

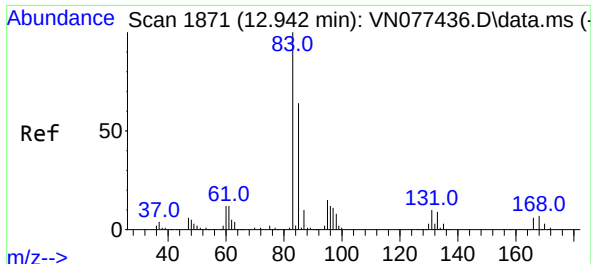
Tgt Ion:105 Resp: 183572
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 5.144 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 43 Resp: 52277
Ion Ratio Lower Upper
43 100
70 53.2 43.4 65.2
55 27.1 21.4 32.0
61 26.6 22.8 34.2

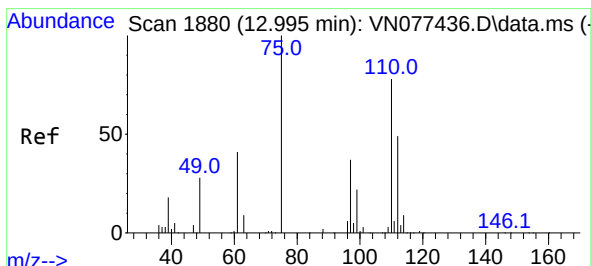
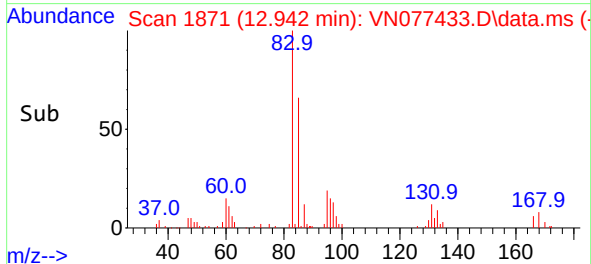
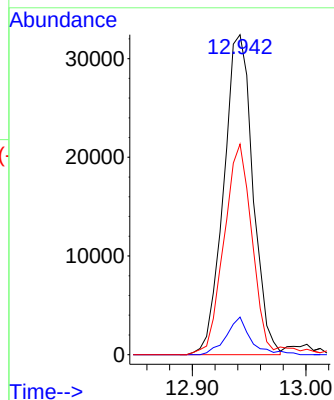
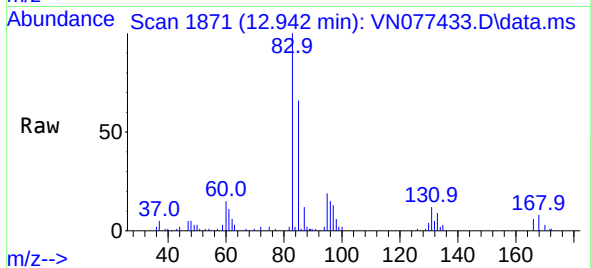




#75
1,1,2,2-Tetrachloroethane
Concen: 5.360 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

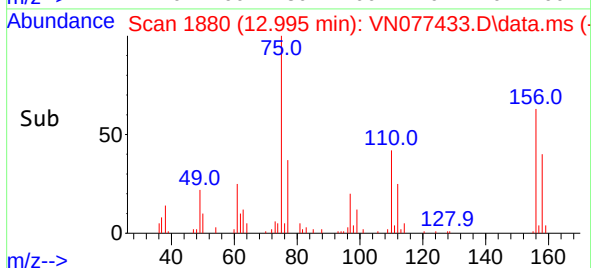
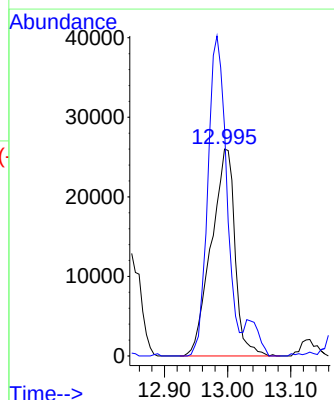
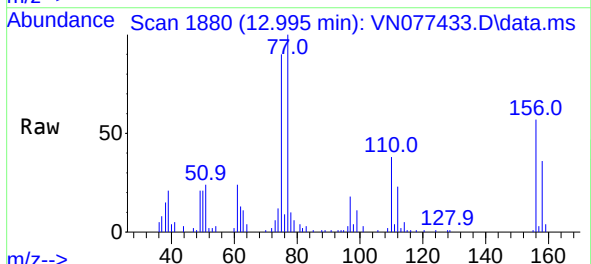
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

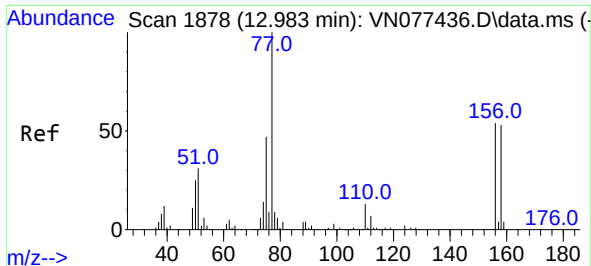
Tgt Ion: 83 Resp: 57812
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 7.707 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 75 Resp: 67751
Ion Ratio Lower Upper
75 100
77 121.5 84.5 253.5

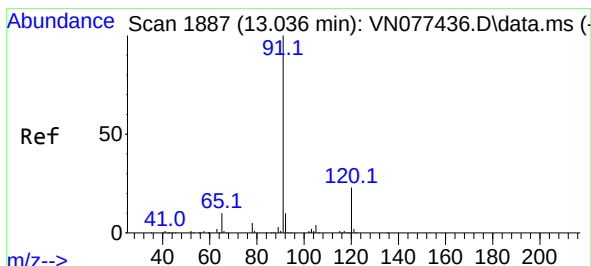
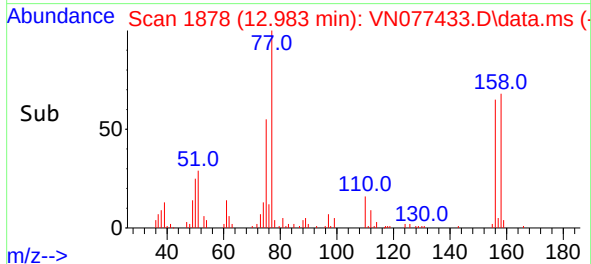
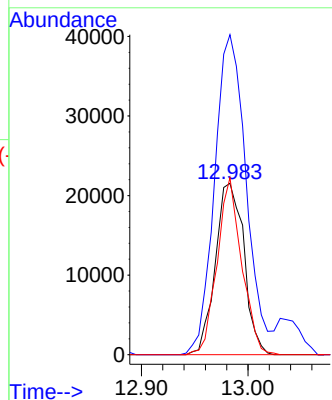
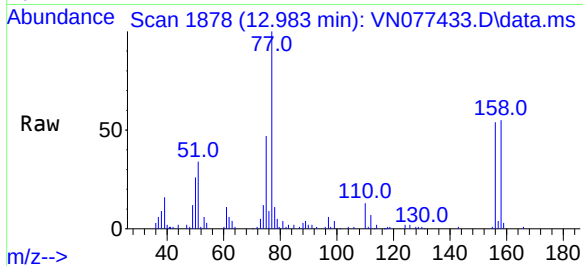




#77
Bromobenzene
Concen: 5.347 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

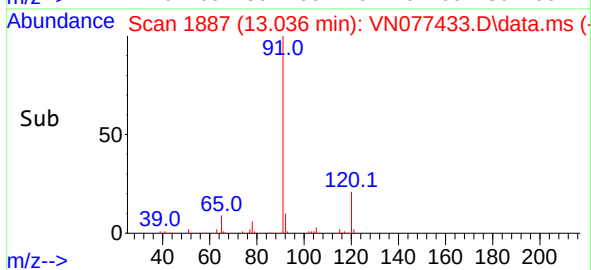
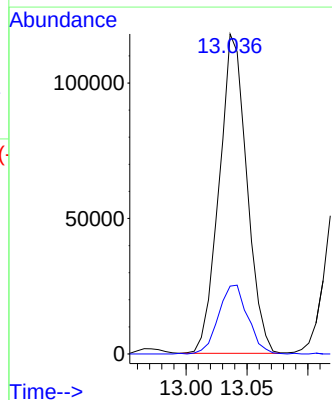
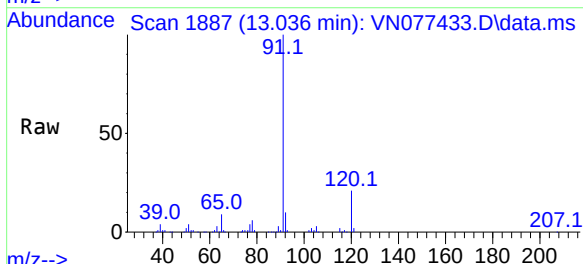
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

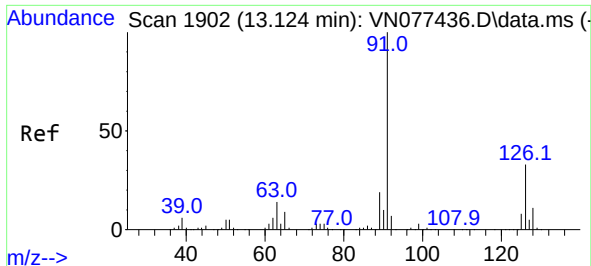
Tgt Ion:156 Resp: 40003
Ion Ratio Lower Upper
156 100
77 205.8 107.7 323.3
158 89.0 48.4 145.3



#78
n-propylbenzene
Concen: 4.907 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 91 Resp: 186276
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.104 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

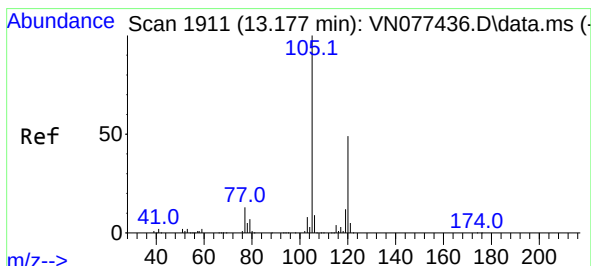
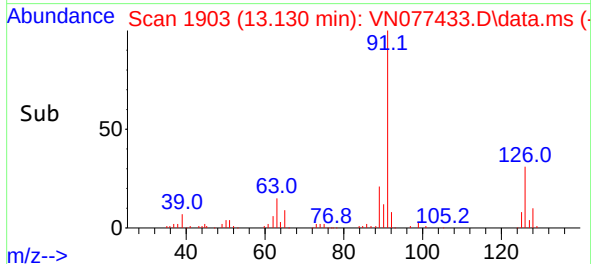
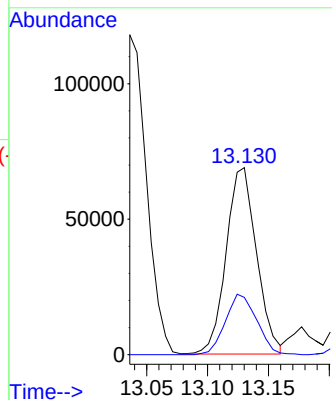
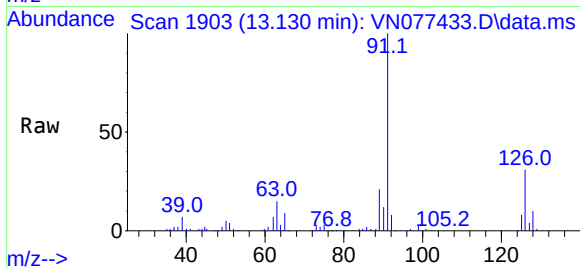
VSTDICC005

Tgt Ion: 91 Resp: 119449

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 4.841 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077433.D

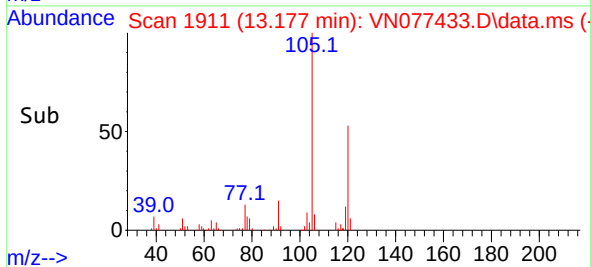
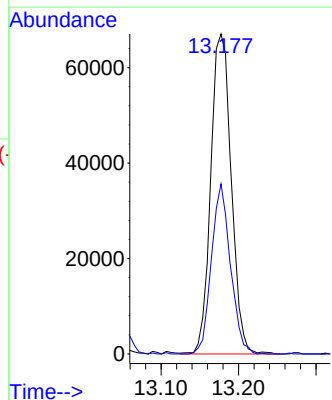
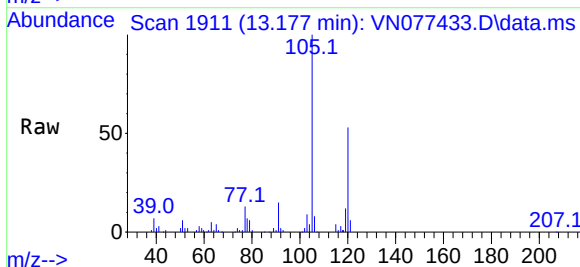
Acq: 24 Apr 2023 12:03

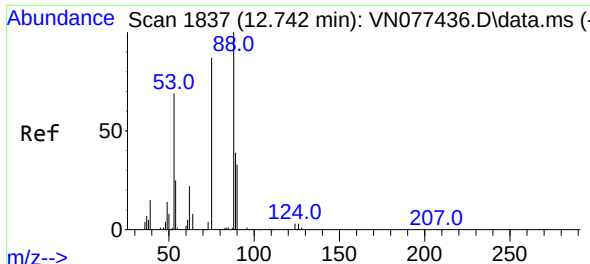
Tgt Ion:105 Resp: 123430

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3

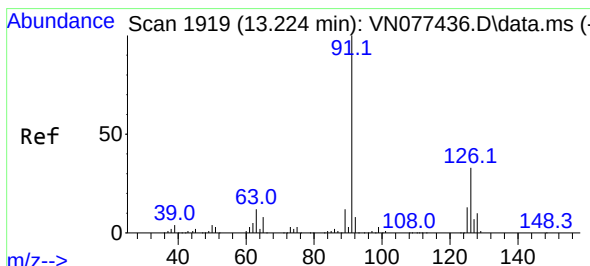
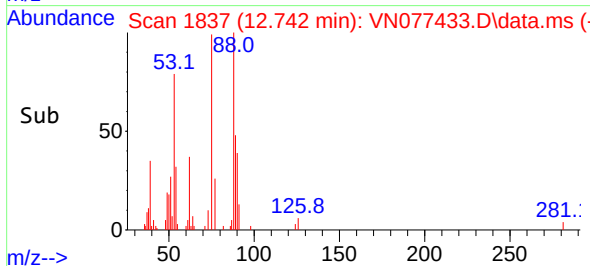
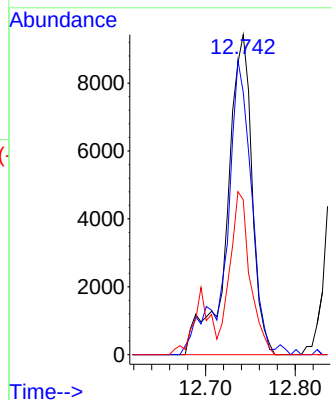
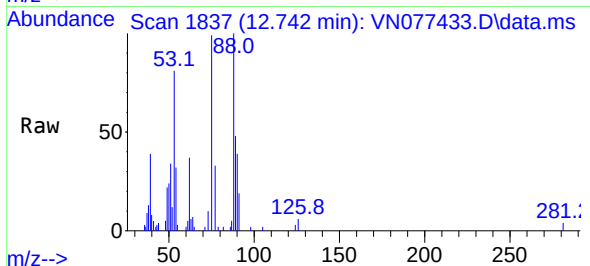




#81
trans-1,4-Dichloro-2-butene
Concen: 6.178 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

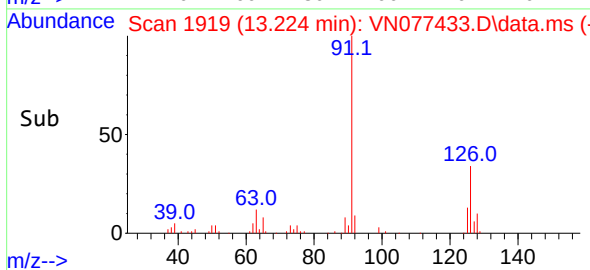
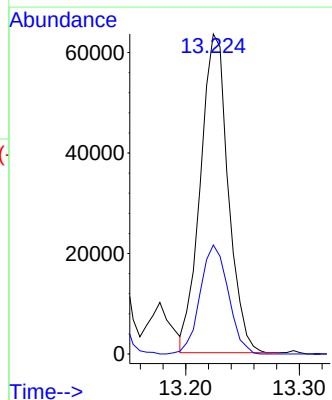
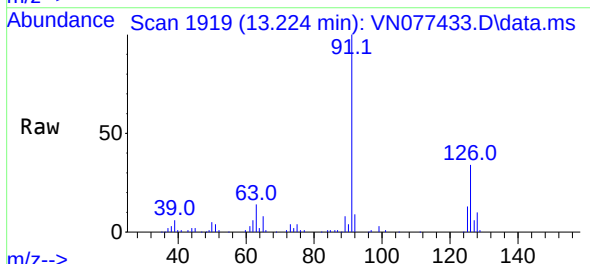
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

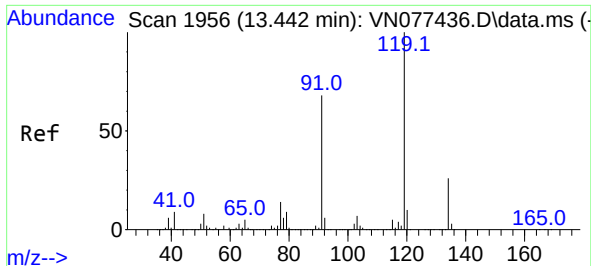
Tgt Ion: 75 Resp: 18294
Ion Ratio Lower Upper
75 100
53 91.8 67.4 101.2
89 41.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 4.932 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 91 Resp: 107865
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

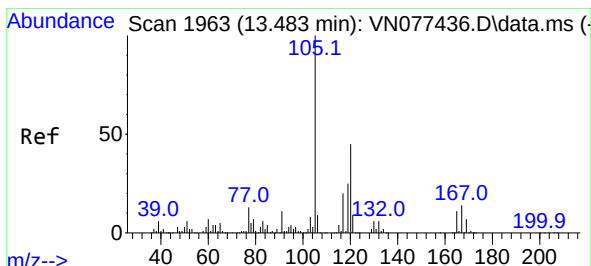
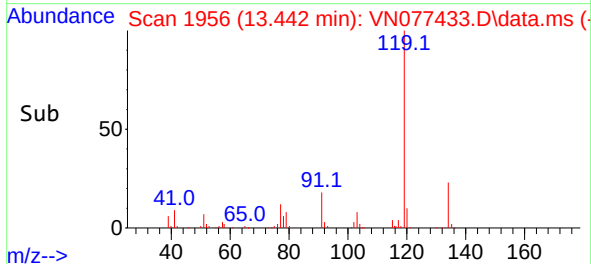
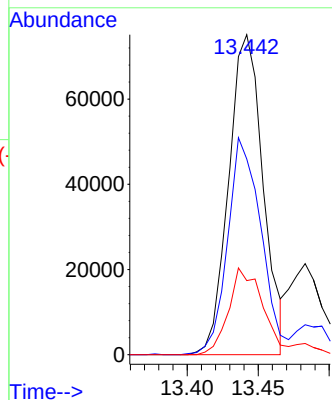
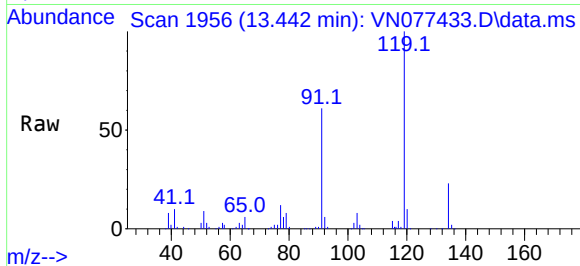




#83
tert-Butylbenzene
Concen: 5.120 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

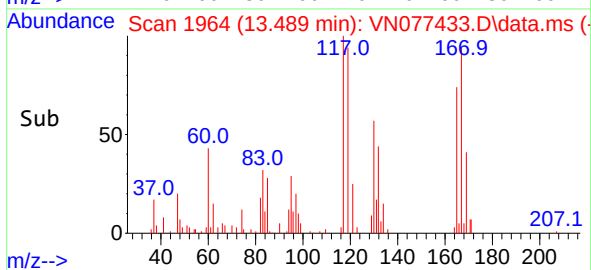
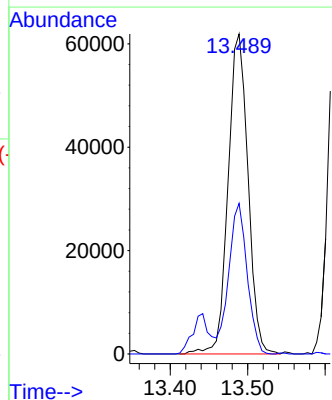
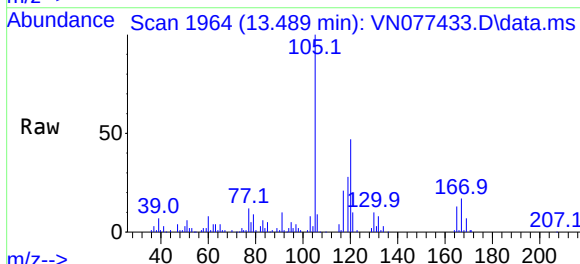
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

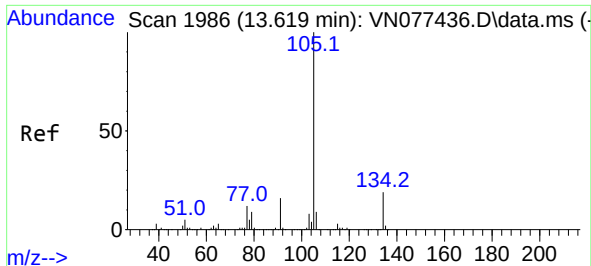
Tgt Ion:119 Resp: 126759
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 26.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 4.642 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:105 Resp: 110517
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0

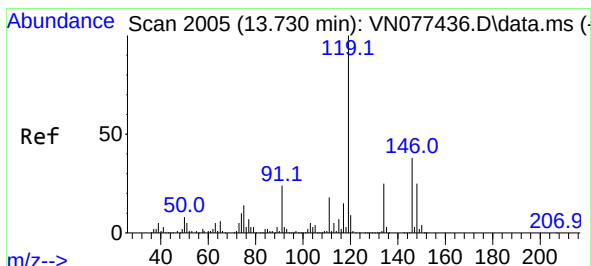
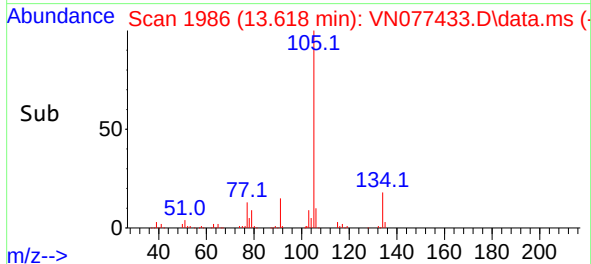
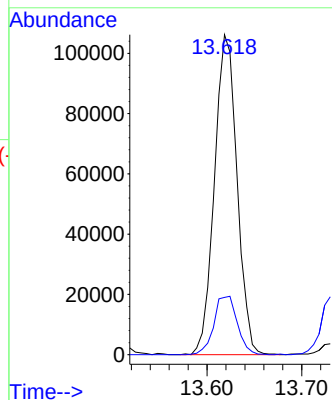
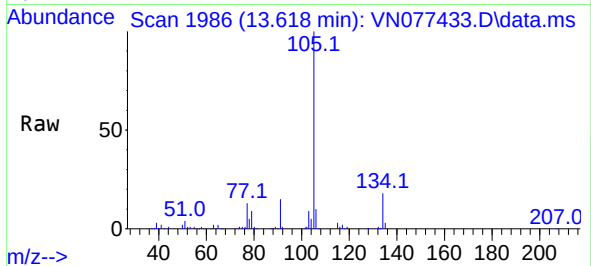




#85
 sec-Butylbenzene
 Concen: 5.186 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

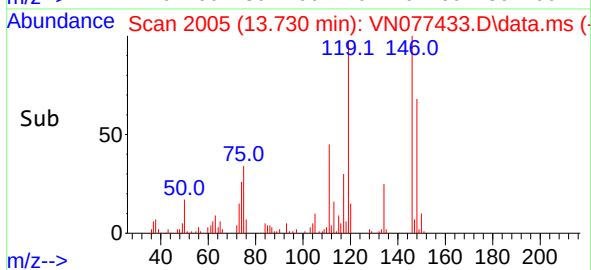
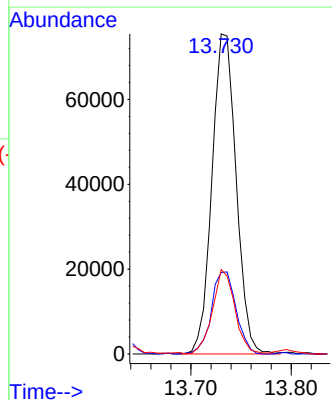
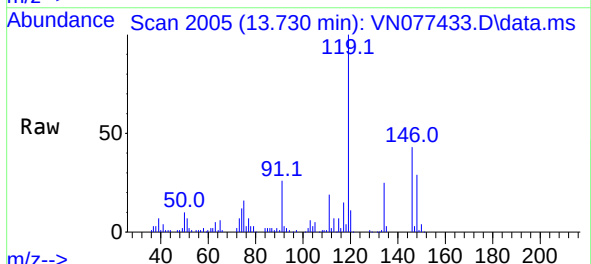
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

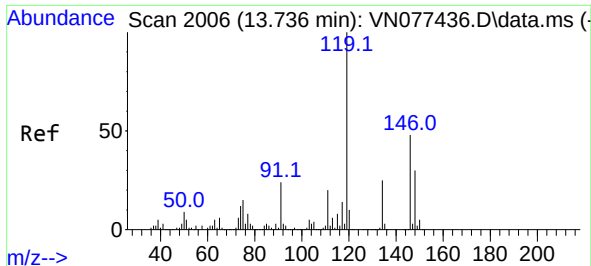
Tgt Ion:105 Resp: 176225
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.828 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077433.D
 Acq: 24 Apr 2023 12:03

Tgt Ion:119 Resp: 126244
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.886 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

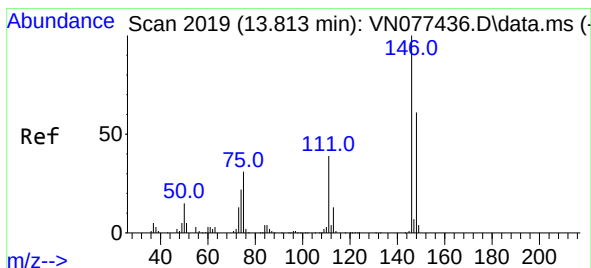
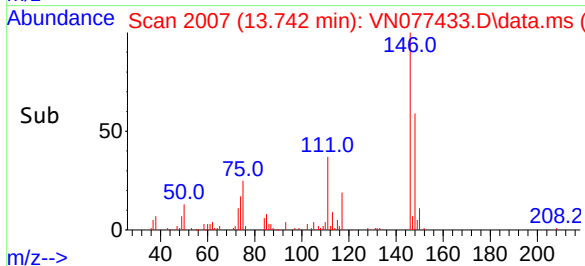
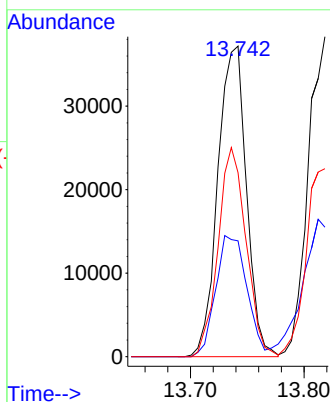
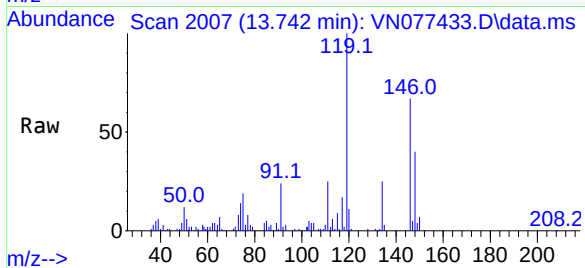
Tgt Ion:146 Resp: 65007

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.3

148 66.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 4.967 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

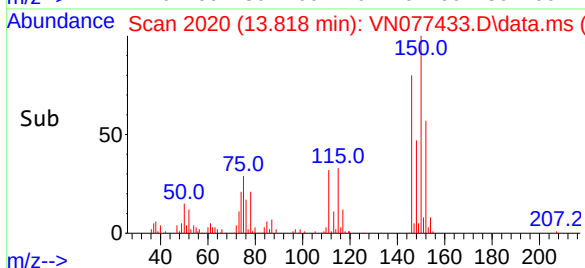
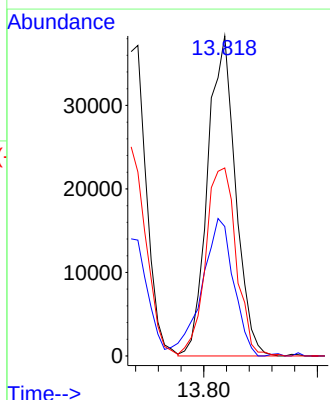
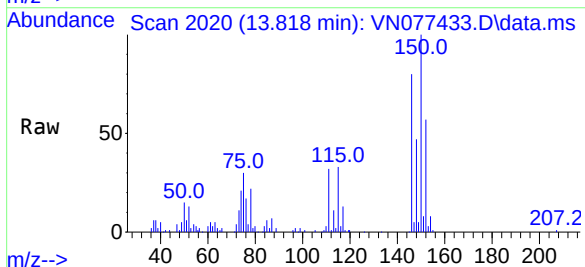
Tgt Ion:146 Resp: 65202

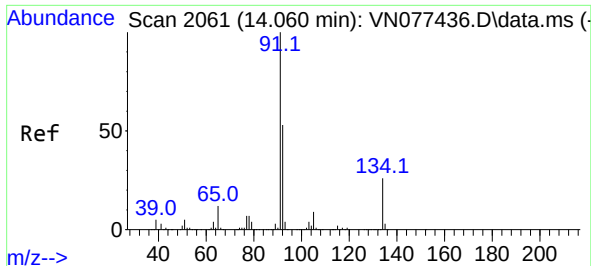
Ion Ratio Lower Upper

146 100

111 48.5 20.6 61.8

148 64.7 31.6 94.8

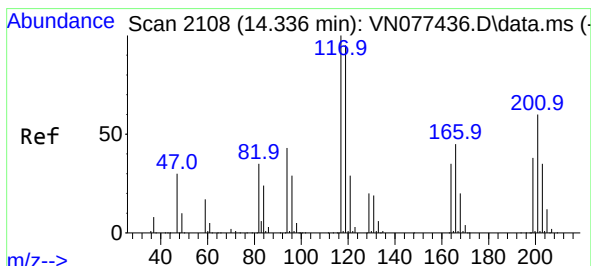
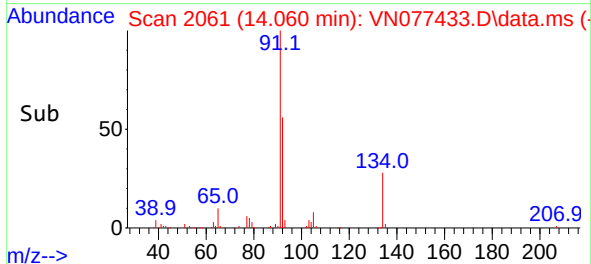
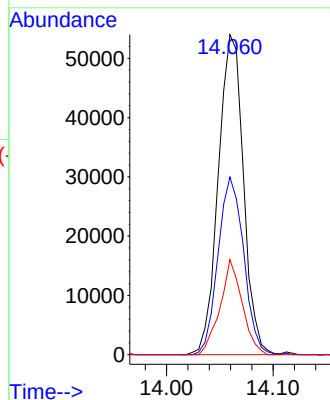
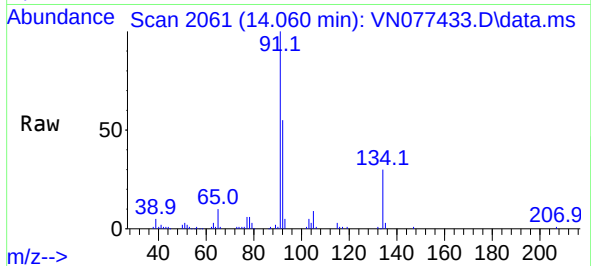




#89
n-Butylbenzene
Concen: 4.377 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

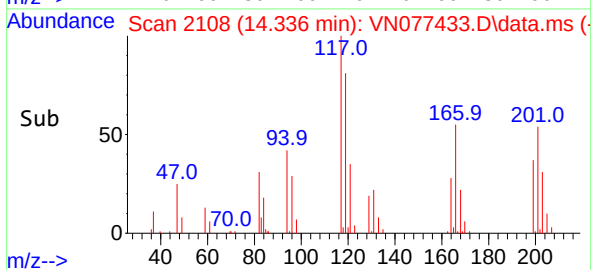
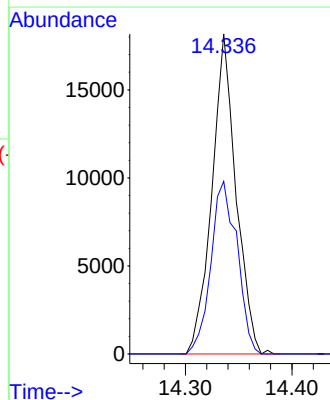
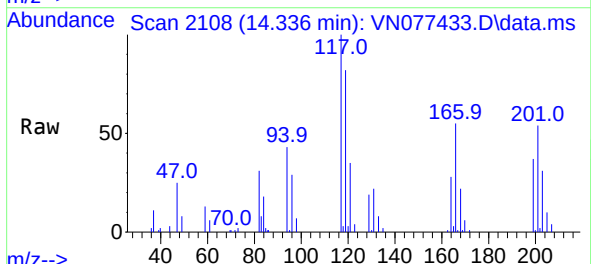
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

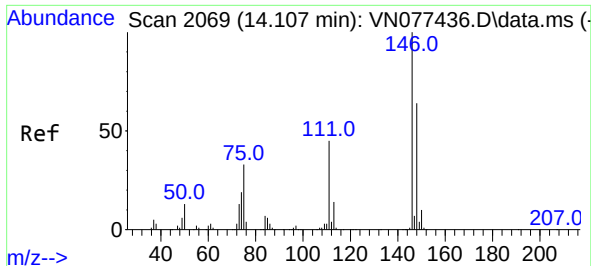
Tgt Ion: 91 Resp: 88560
Ion Ratio Lower Upper
91 100
92 56.6 26.4 79.0
134 26.2 12.6 37.6



#90
Hexachloroethane
Concen: 4.959 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 117 Resp: 28645
Ion Ratio Lower Upper
117 100
201 58.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 4.911 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

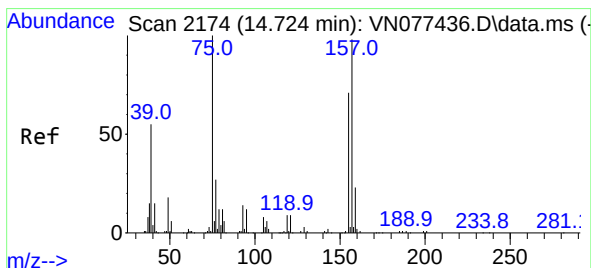
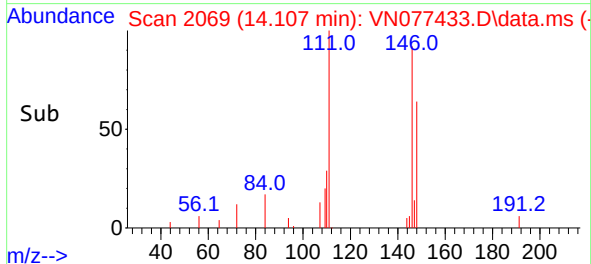
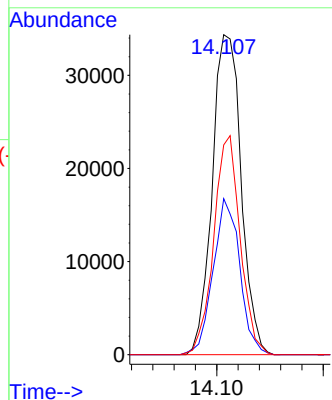
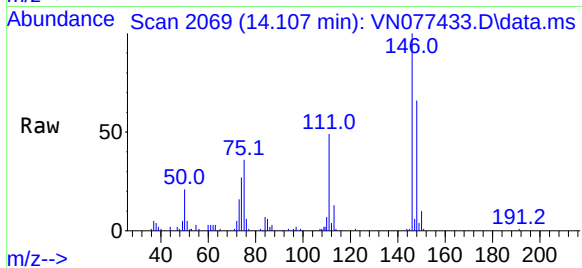
Tgt Ion:146 Resp: 64806

Ion Ratio Lower Upper

146 100

111 44.9 22.0 66.0

148 62.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.204 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN077433.D

Acq: 24 Apr 2023 12:03

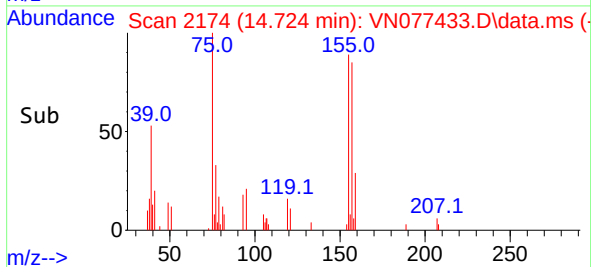
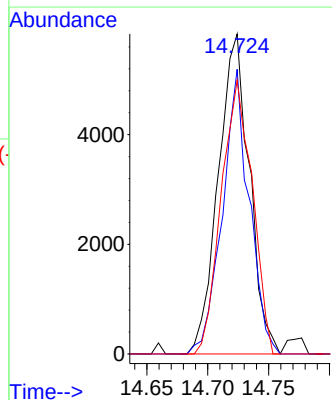
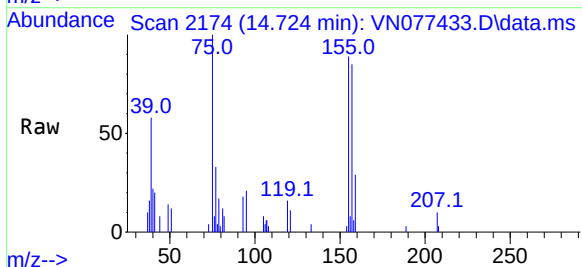
Tgt Ion: 75 Resp: 10380

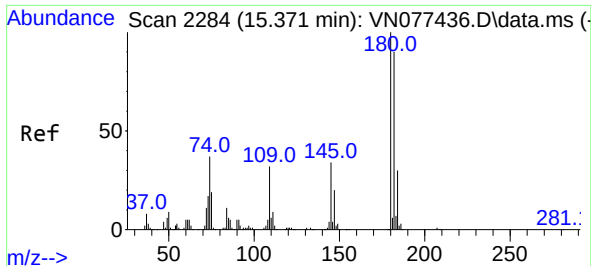
Ion Ratio Lower Upper

75 100

155 76.6 39.1 117.2

157 85.2 50.3 150.9

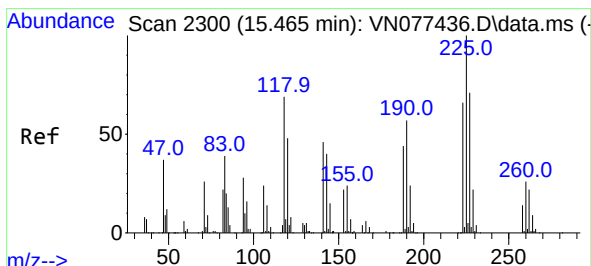
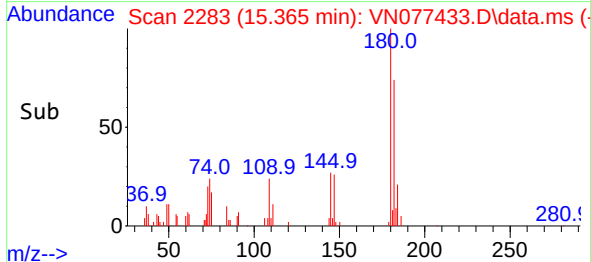
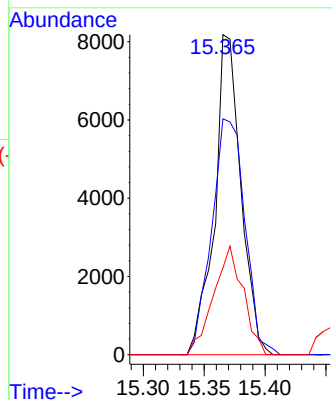
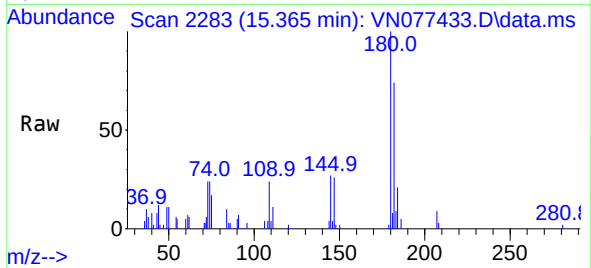




#93
1,2,4-Trichlorobenzene
Concen: 5.160 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

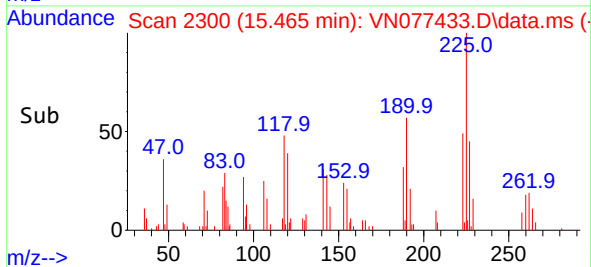
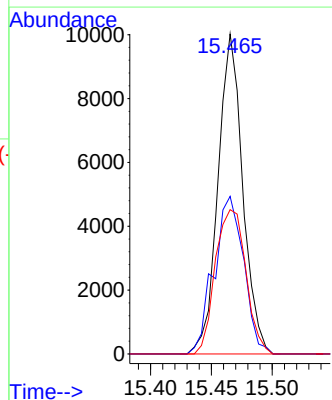
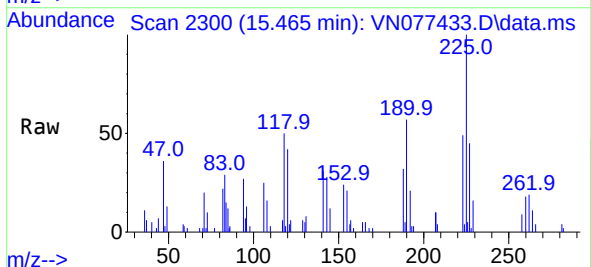
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

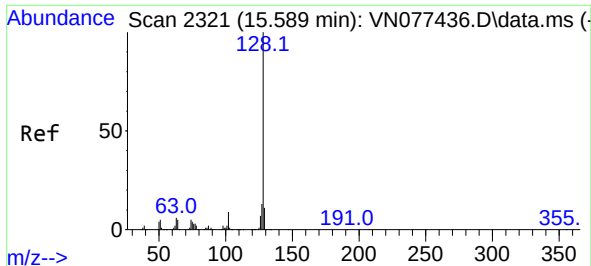
Tgt Ion:	180	Resp:	12299
Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.1	138.2
145	38.3	16.6	49.8



#94
Hexachlorobutadiene
Concen: 5.315 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:	225	Resp:	14174
Ion	Ratio	Lower	Upper
225	100		
223	59.1	31.3	93.8
227	55.7	31.9	95.9

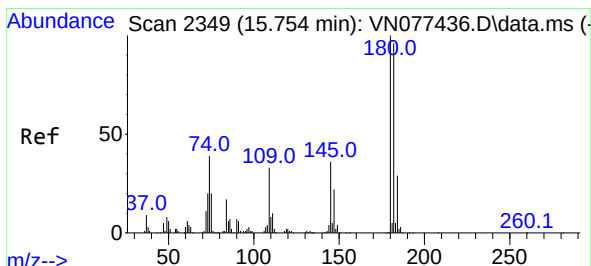
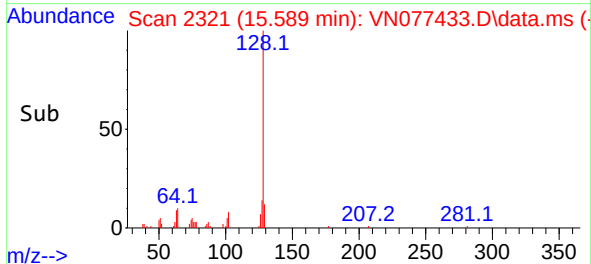
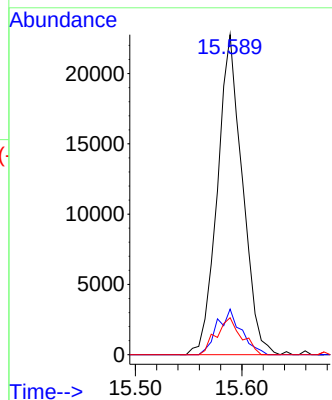
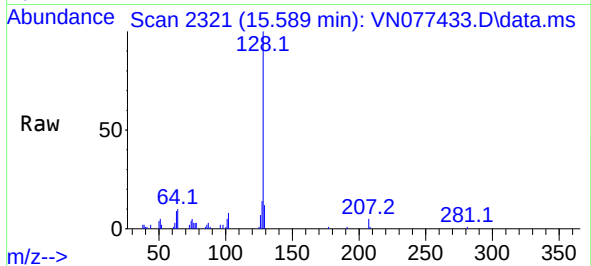




#95
Naphthalene
Concen: 4.719 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	37085
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.057 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077433.D
Acq: 24 Apr 2023 12:03

Tgt Ion:	180	Resp:	11839
Ion	Ratio	Lower	Upper
180	100		
182	89.9	46.2	138.6
145	28.1	17.5	52.6

