

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077599.D
 Acq On : 05 May 2023 18:54
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 06 04:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	114303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	655818	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	580767	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	281914	30.458	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.533%	
60) 4-Bromofluorobenzene	12.854	95	260572	28.271	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.233%	
63) Toluene-d8	10.572	98	844240	30.839	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	41022	5.018	ug/l	100
3) Chloromethane	2.372	50	34377	5.409	ug/l	98
4) Vinyl Chloride	2.525	62	40416	5.023	ug/l	94
5) Bromomethane	2.954	94	33201	5.678	ug/l	99
6) Chloroethane	3.131	64	32688	5.923	ug/l	92
7) Trichlorofluoromethane	3.513	101	65010	5.376	ug/l	84
8) Diethyl Ether	3.978	74	22347	5.141	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	34672	5.220	ug/l	75
10) 1,1-Dichloroethene	4.354	96	32511	5.144	ug/l	87
11) Methyl Iodide	4.590	142	37987	4.910	ug/l	89
12) Methyl Acetate	5.037	43	53653	4.894	ug/l	95
13) Acrolein	4.190	56	33233	26.617	ug/l	94
14) Acrylonitrile	5.737	53	84505	26.123	ug/l #	82
15) Acetone	4.437	58	12892	14.818	ug/l	91
16) Carbon Disulfide	5.025	76	4615	0.298	ug/l	100
17) Allyl chloride	5.025	41	17321	2.195	ug/l	98
18) Methylene Chloride	5.290	84	24453	3.211	ug/l	92
19) trans-1,2-Dichloroethene	5.795	96	23579	3.396	ug/l #	82
20) Diisopropyl ether	6.678	45	92989	4.944	ug/l #	94
21) 1,1-Dichloroethane	6.584	63	66944	5.281	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	42630	5.086	ug/l	93
23) tert-Butyl Alcohol	5.531	59	31872	24.498	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	69358	3.023	ug/l	94
25) Chloroform	7.972	83	74082	5.218	ug/l	95
26) Cyclohexane	8.266	56	51666	5.009	ug/l #	95
29) 1,1-Dichloropropene	8.372	75	48360	5.033	ug/l	95
30) 2-Butanone	7.495	43	98888	25.430	ug/l	99
31) 2,2-Dichloropropane	7.495	77	55611	5.252	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	65996	5.233	ug/l	94
33) Carbon Tetrachloride	8.372	117	53783	5.133	ug/l	98
34) Benzene	8.613	78	154503	5.212	ug/l #	92
35) Methacrylonitrile	7.784	41	21813	5.058	ug/l	94
36) 1,2-Dichloroethane	8.672	62	56945	5.400	ug/l	100
37) Trichloroethene	9.354	130	38278	5.290	ug/l	98
38) Methylcyclohexane	9.601	83	60597	5.022	ug/l	98
39) 1,2-Dichloropropane	9.625	63	36797	5.205	ug/l	96
40) Dibromomethane	9.719	93	27988	5.175	ug/l	97
41) Bromodichloromethane	9.889	83	52940	4.942	ug/l	96
42) Vinyl Acetate	6.613	43	286897	25.277	ug/l #	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077599.D
 Acq On : 05 May 2023 18:54
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

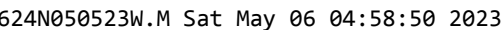
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

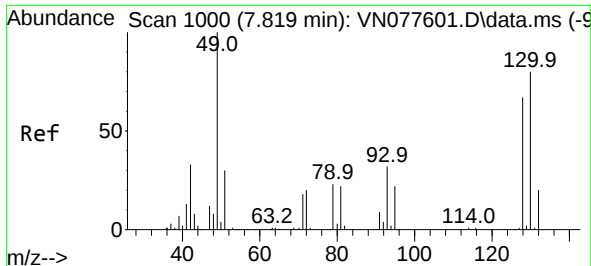
Quant Time: May 06 04:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	32711	4.046	ug/l #	86
44) Isopropyl Acetate	8.695	43	69169	5.031	ug/l	99
45) 1,4-Dioxane	9.701	88	14608	99.932	ug/l	97
46) Methyl methacrylate	9.689	41	31137	4.968	ug/l	89
47) n-amyl Acetate	12.501	43	44836	4.161	ug/l	93
48) t-1,3-Dichloropropene	10.842	75	49891	4.654	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	56493	4.807	ug/l	90
50) 1,1,2-Trichloroethane	11.019	97	40059	5.255	ug/l	94
51) Ethyl methacrylate	10.877	69	54744	4.904	ug/l	94
52) 1,3-Dichloropropane	11.166	76	65652	5.126	ug/l	98
53) Dibromochloromethane	11.366	129	36037	4.645	ug/l	99
54) 1,2-Dibromoethane	11.472	107	38529	4.991	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	82220	22.183	ug/l	98
56) Bromoform	12.583	173	21013	4.497	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	209861	25.900	ug/l	99
59) 2-Hexanone	11.201	43	149507	25.560	ug/l	96
61) Tetrachloroethene	11.107	164	26624	4.960	ug/l	96
62) Toluene	10.630	91	174736	5.351	ug/l	97
64) Chlorobenzene	11.895	112	98600	5.092	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.960	131	35183	4.974	ug/l	93
66) Ethyl Benzene	11.966	91	176827	5.007	ug/l	96
67) m/p-Xylenes	12.072	106	133805	9.936	ug/l	95
68) o-Xylene	12.407	106	66847	4.988	ug/l	93
69) Styrene	12.413	104	100812	4.778	ug/l	98
70) Isopropylbenzene	12.701	105	165822	4.806	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	56019	5.221	ug/l	95
72) 1,2,3-Trichloropropane	12.995	75	62293	6.743	ug/l	68
73) Bromobenzene	12.983	156	35233	4.947	ug/l	98
74) n-propylbenzene	13.042	91	174577	4.560	ug/l	100
75) 2-Chlorotoluene	13.130	91	112719	4.729	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	107872	4.038	ug/l	100
77) t-1,4-Dichloro-2-butene	12.736	75	11121	3.972	ug/l	89
78) 4-Chlorotoluene	13.224	91	103466	4.590	ug/l	100
79) tert-butylbenzene	13.442	119	120366	4.895	ug/l	95
80) 1,2,4-Trimethylbenzene	13.489	105	92324	3.712	ug/l	97
81) sec-Butylbenzene	13.618	105	151051	4.425	ug/l	99
82) p-Isopropyltoluene	13.736	119	108767	4.145	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	58335	4.584	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	54958	4.390	ug/l	96
85) n-Butylbenzene	14.066	91	73086	3.544	ug/l	99
86) Hexachloroethane	14.336	117	22288	4.345	ug/l	95
87) 1,2-Dichlorobenzene	14.113	146	57570	4.478	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	10029	4.930	ug/l #	82
89) 1,2,4-Trichlorobenzene	15.395	180	9063	7.665	ug/l	89
90) Hexachlorobutadiene	15.507	225	12780	4.912	ug/l	93
91) Naphthalene	15.642	128	24618	7.773	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.842	180	7938	7.361	ug/l	87

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

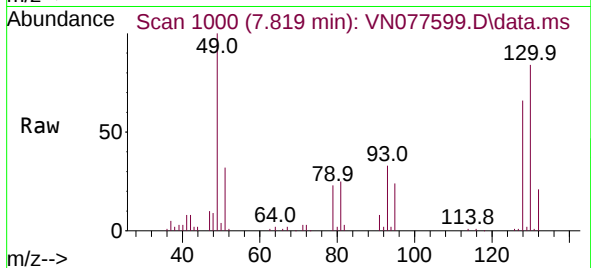
Quant Time: May 06 04:58:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat May 06 04:56:16 2023
Response via : Initial Calibration



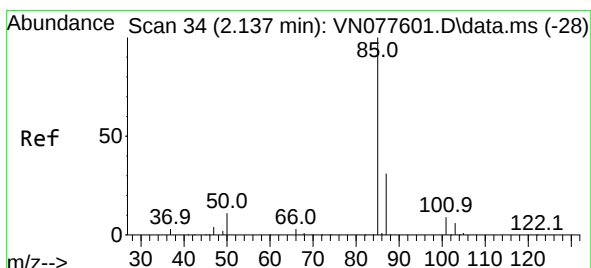
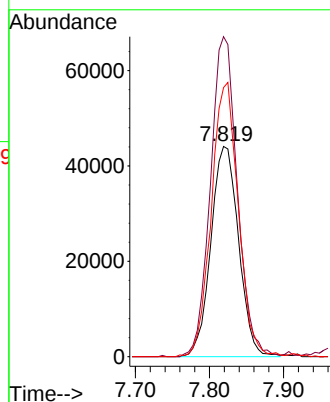
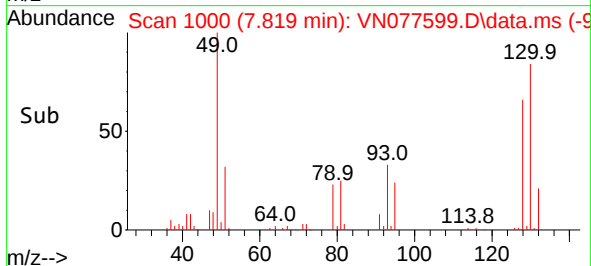


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

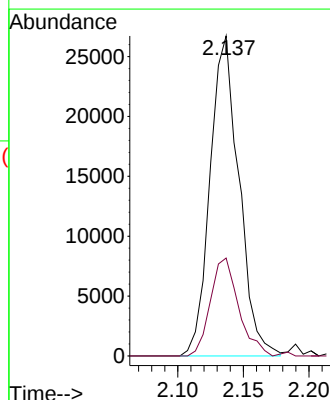
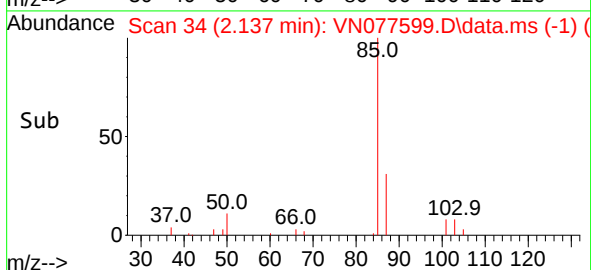
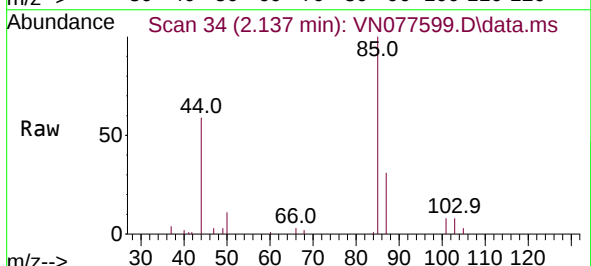


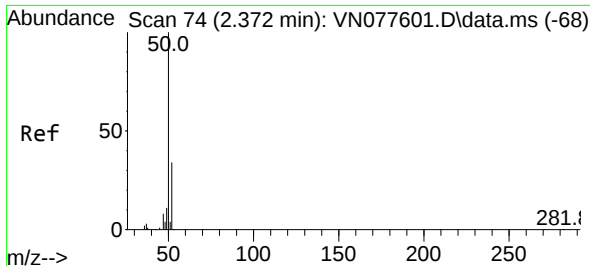
Tgt Ion:128 Resp: 114303
Ion Ratio Lower Upper
128 100
49 148.1 0.0 369.8
130 126.7 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 5.018 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 85 Resp: 41022
Ion Ratio Lower Upper
85 100
87 30.6 15.3 45.9

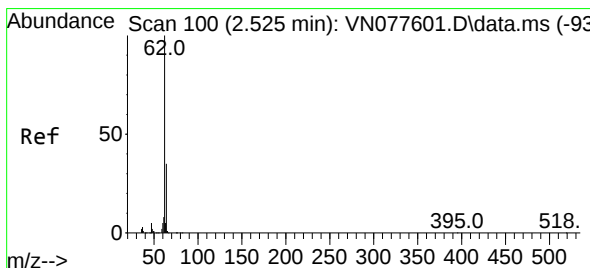
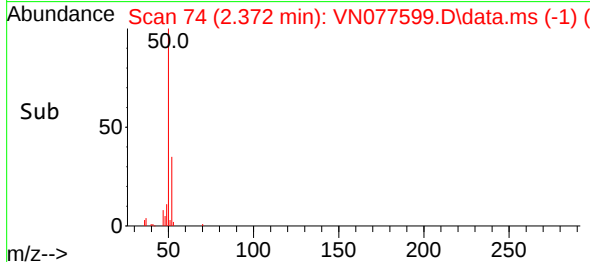
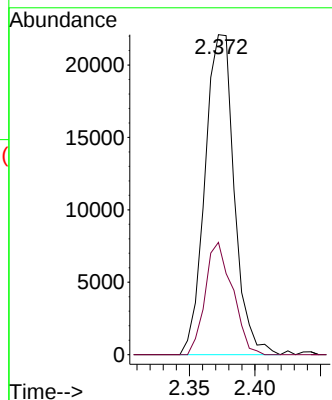
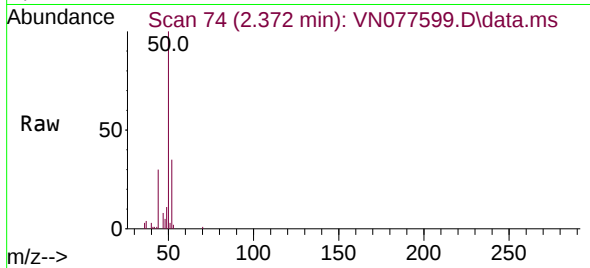




#3
Chloromethane
Concen: 5.409 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

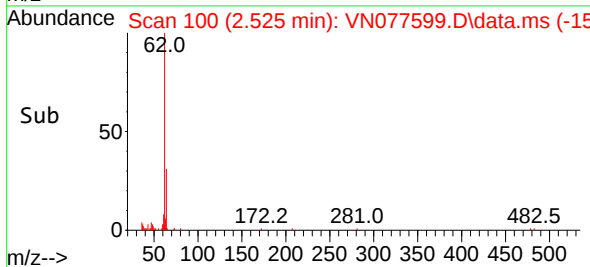
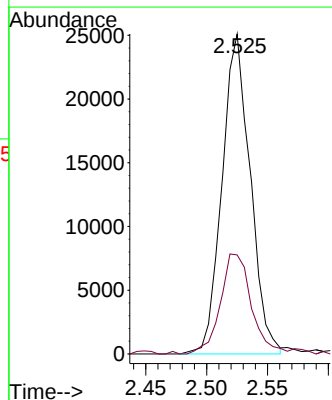
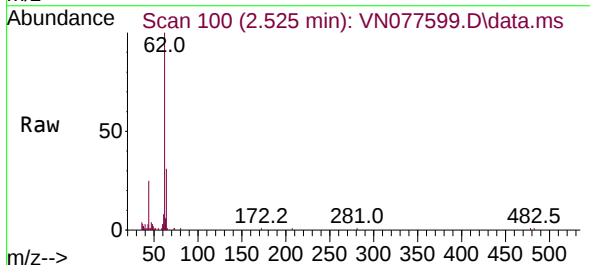
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

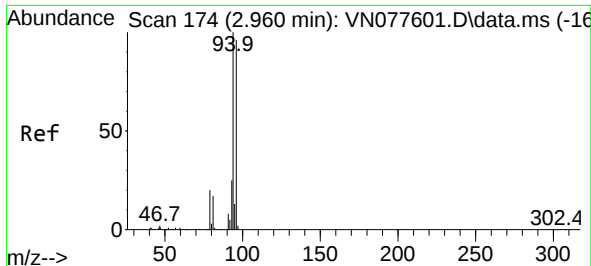
Tgt Ion: 50 Resp: 34377
Ion Ratio Lower Upper
50 100
52 35.1 27.3 40.9



#4
Vinyl Chloride
Concen: 5.023 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 62 Resp: 40416
Ion Ratio Lower Upper
62 100
64 30.9 27.8 41.6

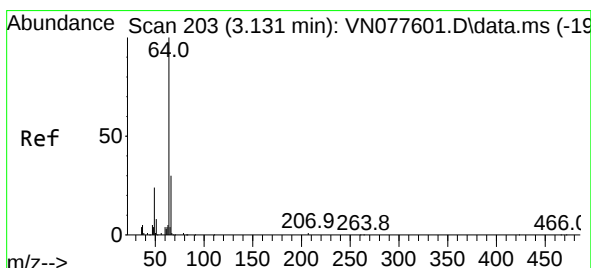
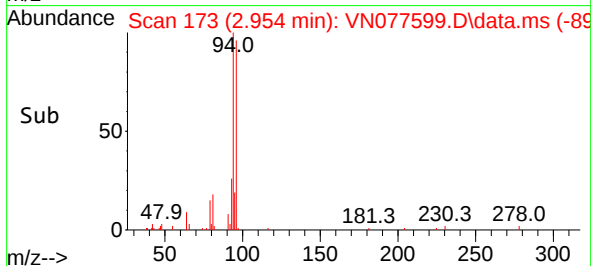
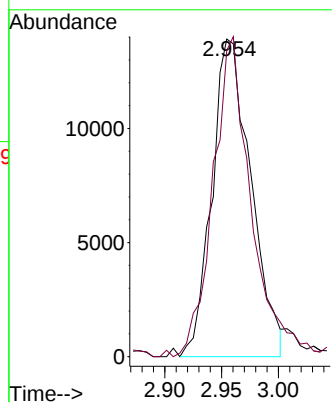
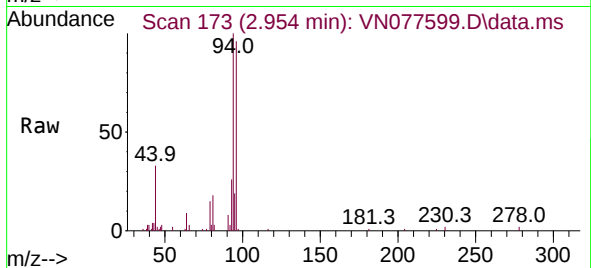




#5
Bromomethane
Concen: 5.678 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

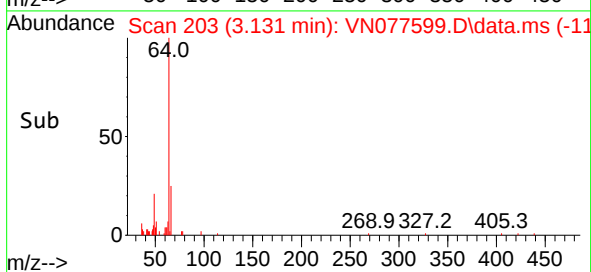
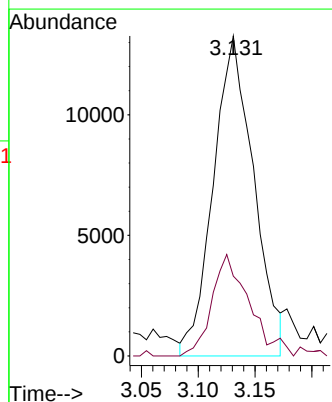
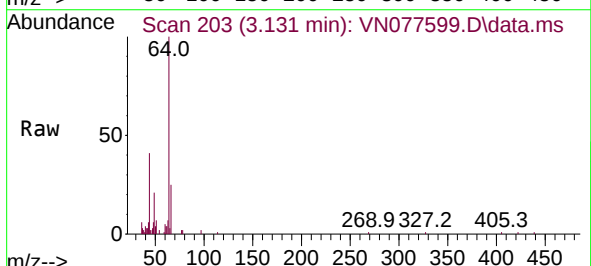
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

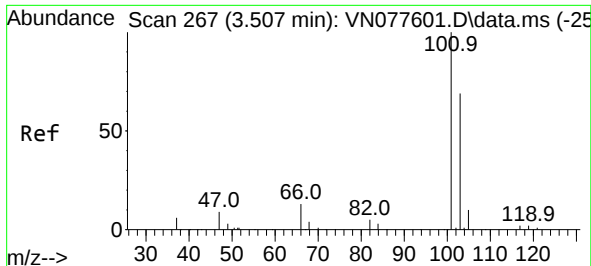
Tgt Ion: 94 Resp: 33201
Ion Ratio Lower Upper
94 100
96 95.3 76.7 115.1



#6
Chloroethane
Concen: 5.923 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 64 Resp: 32688
Ion Ratio Lower Upper
64 100
66 26.0 24.2 36.4

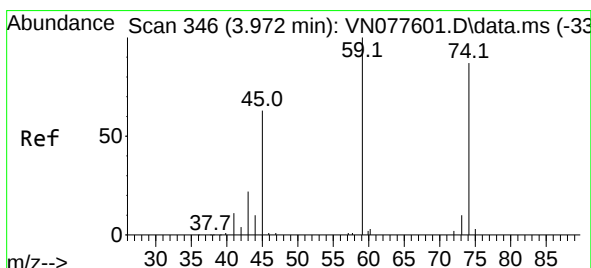
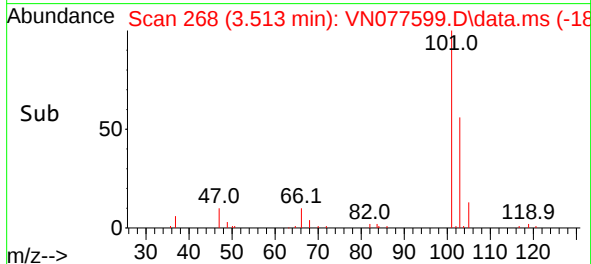
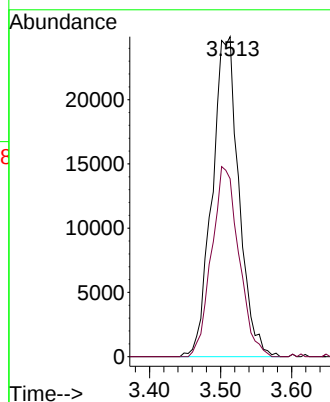
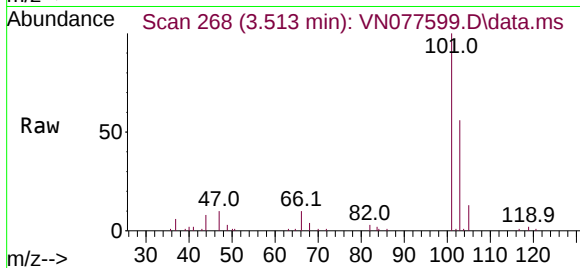




#7
 Trichlorofluoromethane
 Concen: 5.376 ug/l
 RT: 3.513 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

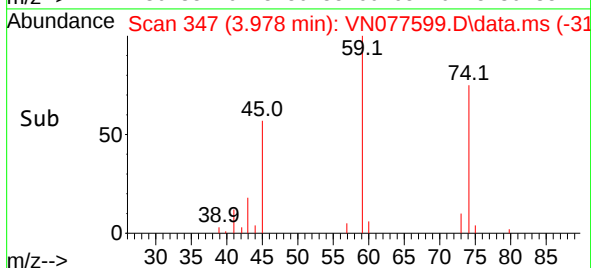
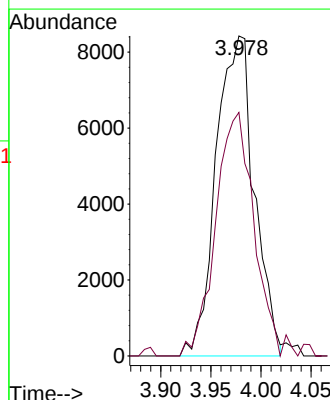
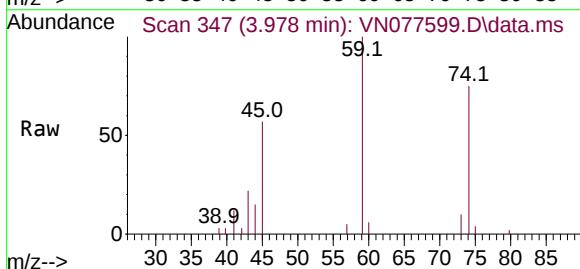
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

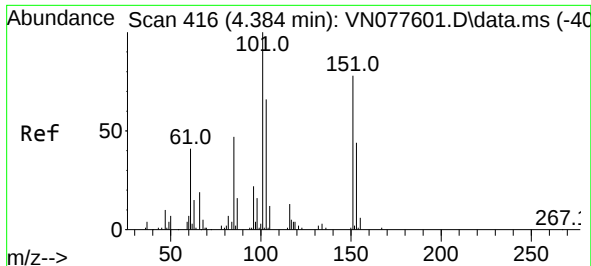
Tgt Ion:101 Resp: 65010
 Ion Ratio Lower Upper
 101 100
 103 55.6 55.0 82.4



#8
 Diethyl Ether
 Concen: 5.141 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Tgt Ion: 74 Resp: 22347
 Ion Ratio Lower Upper
 74 100
 45 75.5 14.8 133.2

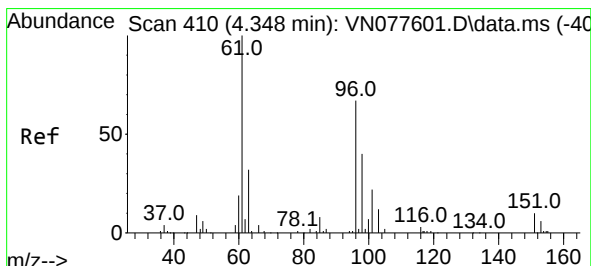
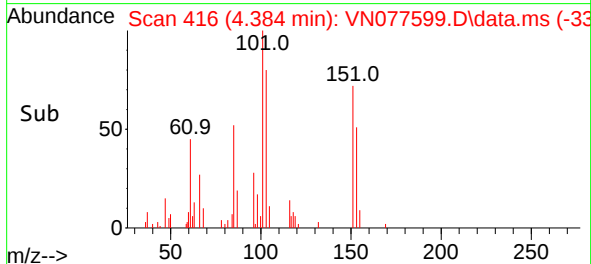
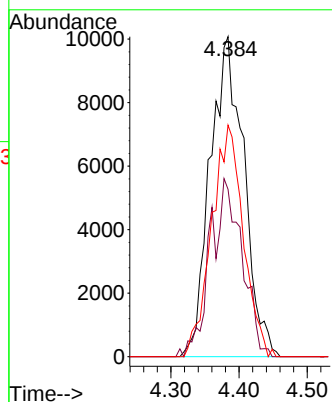
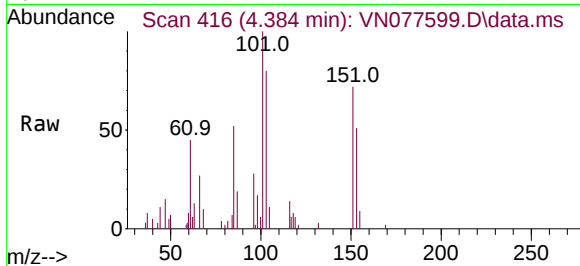




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.220 ug/l
 RT: 4.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

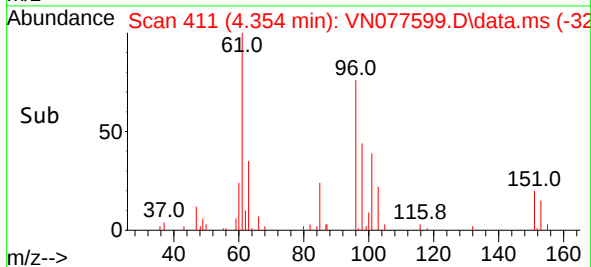
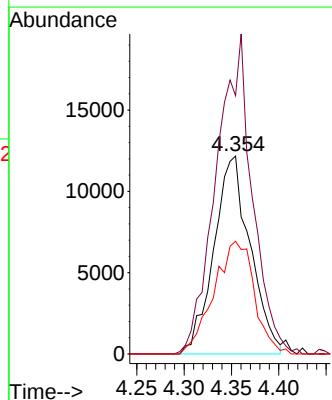
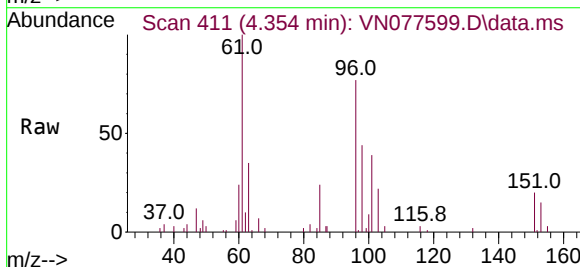
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

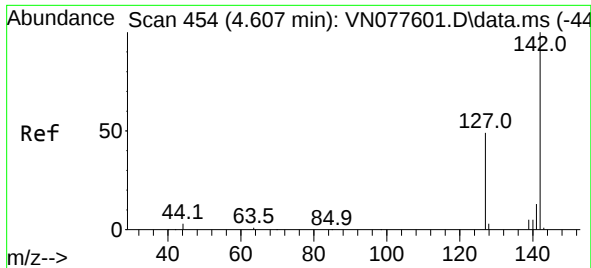
Tgt Ion: 101 Resp: 34672
 Ion Ratio Lower Upper
 101 100
 85 7.0 0.0 92.6
 151 67.6 0.0 137.4



#10
 1,1-Dichloroethene
 Concen: 5.144 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Tgt Ion: 96 Resp: 32511
 Ion Ratio Lower Upper
 96 100
 61 129.2 120.1 180.1
 98 56.9 48.3 72.5

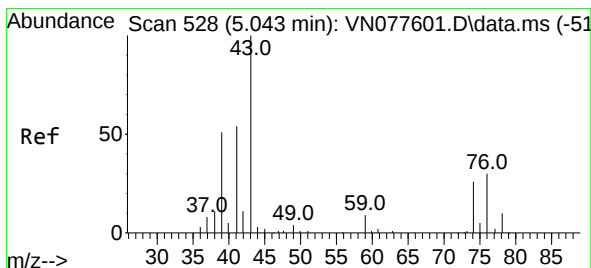
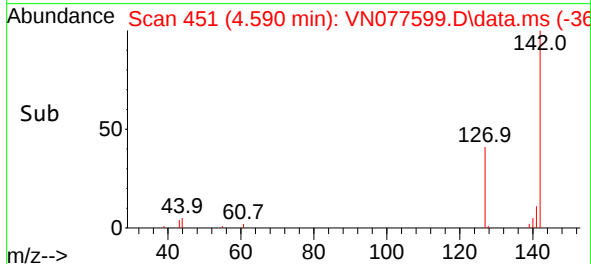
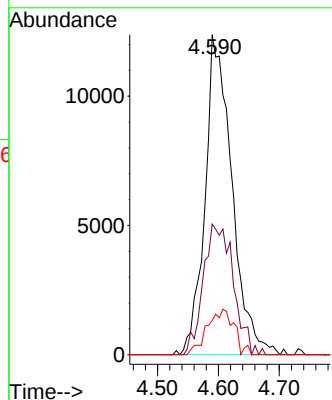
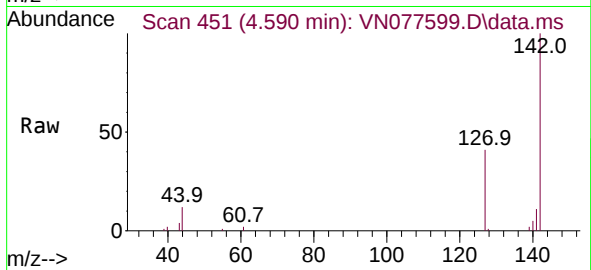




#11
Methyl Iodide
Concen: 4.910 ug/l
RT: 4.590 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

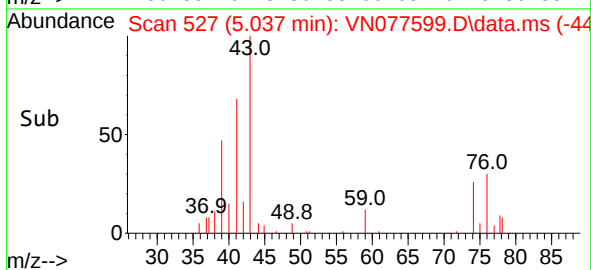
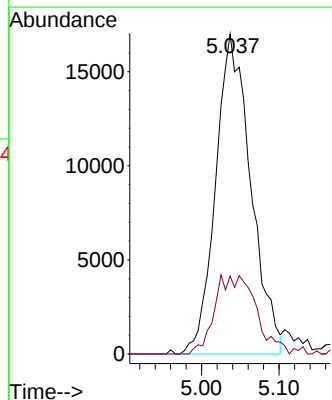
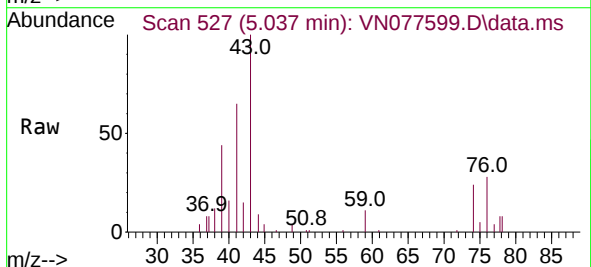
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

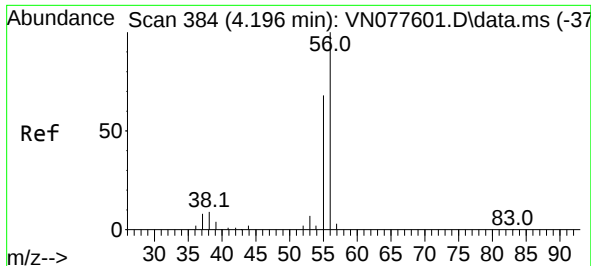
Tgt Ion:142 Resp: 37987
Ion Ratio Lower Upper
142 100
127 40.8 24.6 73.6
141 10.7 6.4 19.2



#12
Methyl Acetate
Concen: 4.894 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 43 Resp: 53653
Ion Ratio Lower Upper
43 100
74 23.2 20.6 31.0





#13

Acrolein

Concen: 26.617 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

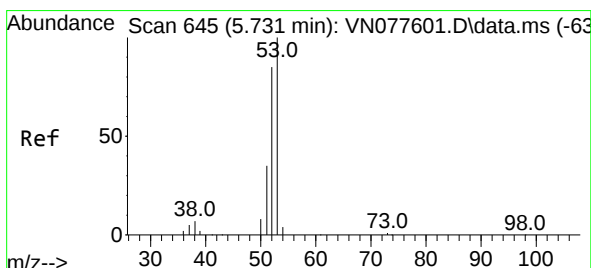
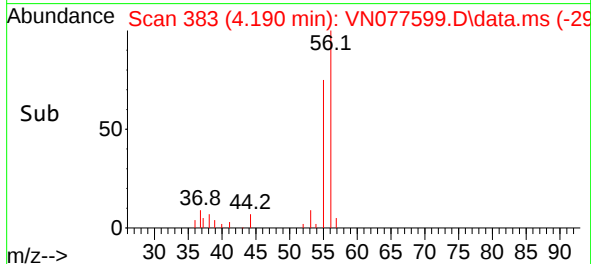
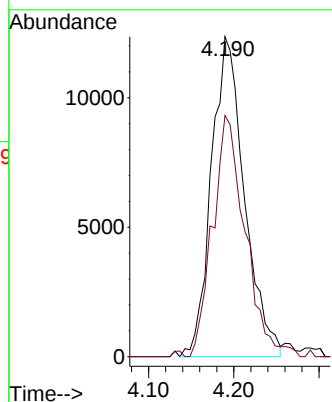
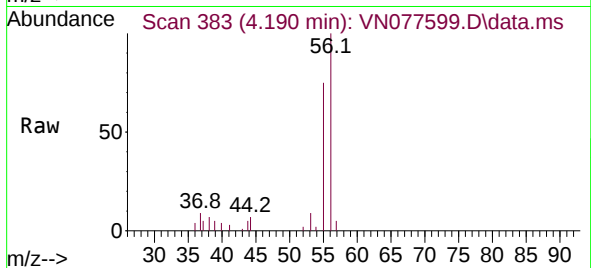
VSTDIC005

Tgt Ion: 56 Resp: 33233

Ion Ratio Lower Upper

56 100

55 73.2 54.8 82.2



#14

Acrylonitrile

Concen: 26.123 ug/l

RT: 5.737 min Scan# 646

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

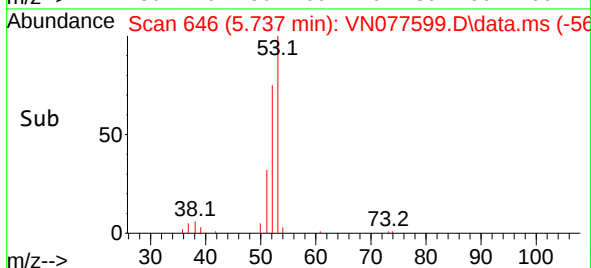
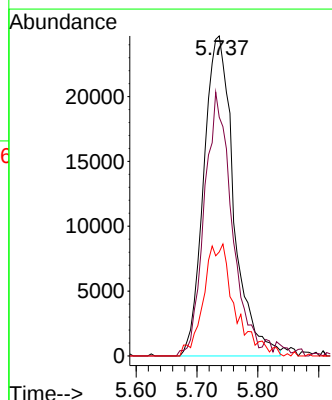
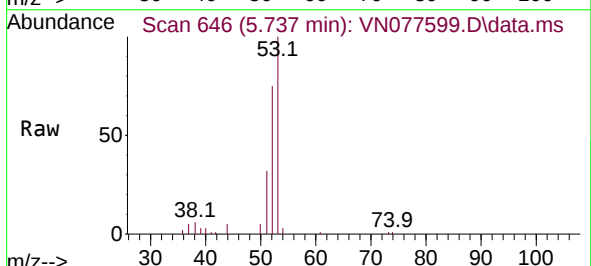
Tgt Ion: 53 Resp: 84505

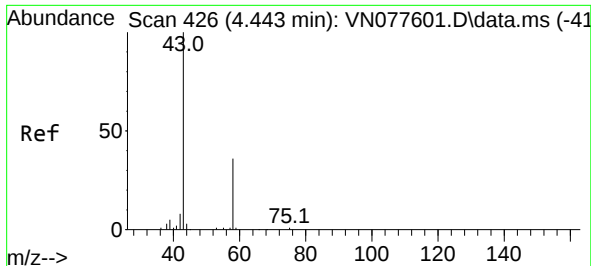
Ion Ratio Lower Upper

53 100

52 75.2 41.6 124.8

51 13.2 17.6 52.9#





#15

Acetone

Concen: 14.818 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

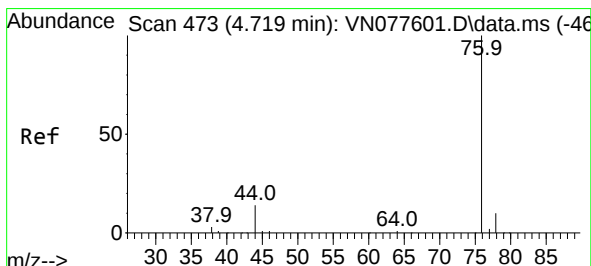
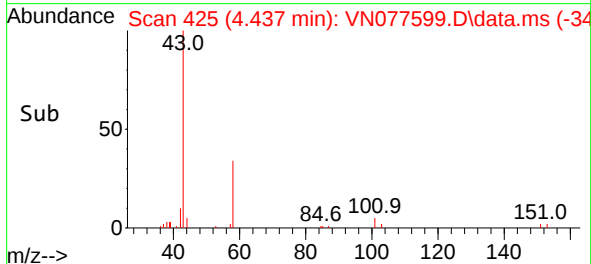
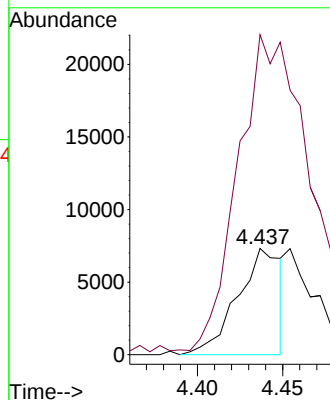
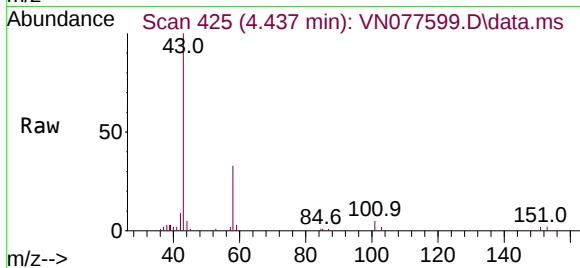
VSTDICC005

Tgt Ion: 58 Resp: 12892

Ion Ratio Lower Upper

58 100

43 296.8 223.2 334.8



#16

Carbon Disulfide

Concen: 0.298 ug/l

RT: 5.025 min Scan# 525

Delta R.T. 0.306 min

Lab File: VN077599.D

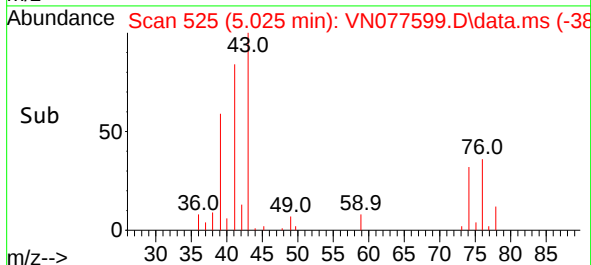
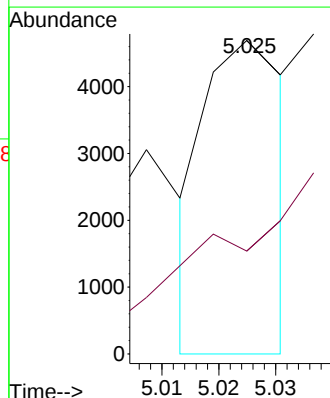
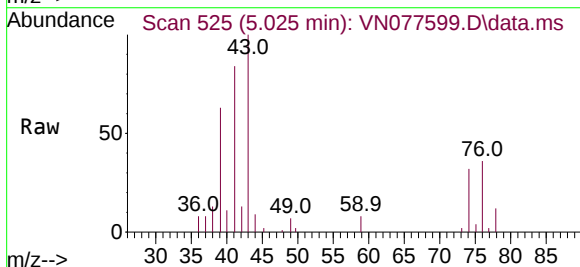
Acq: 05 May 2023 18:54

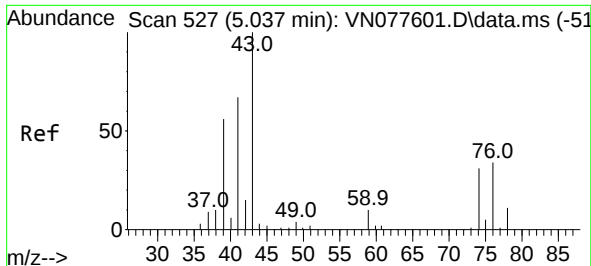
Tgt Ion: 76 Resp: 4615

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4





#17

Allyl chloride

Concen: 2.195 ug/l

RT: 5.025 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

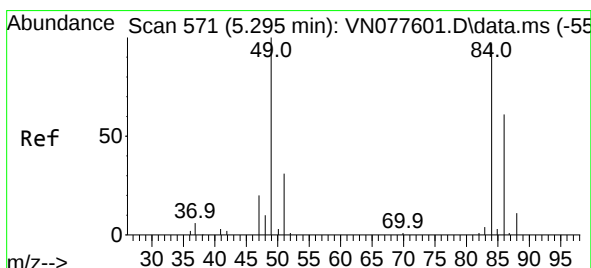
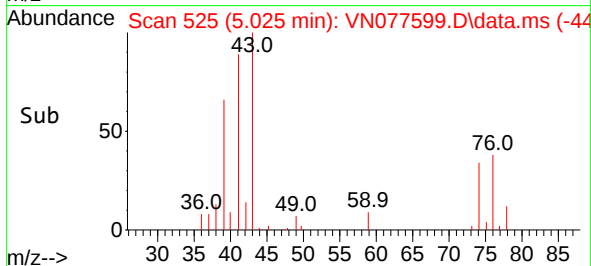
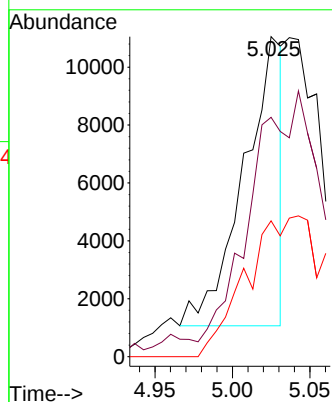
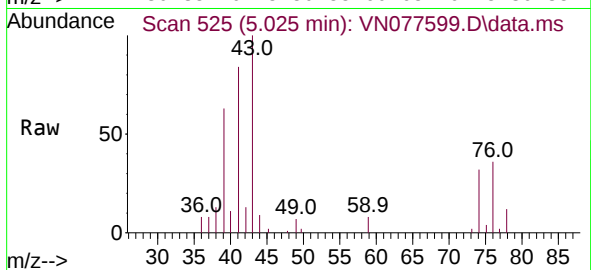
Tgt Ion: 41 Resp: 17321

Ion Ratio Lower Upper

41 100

39 76.7 39.5 118.3

76 47.0 23.4 70.3



#18

Methylene Chloride

Concen: 3.211 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.005 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Tgt Ion: 84 Resp: 24453

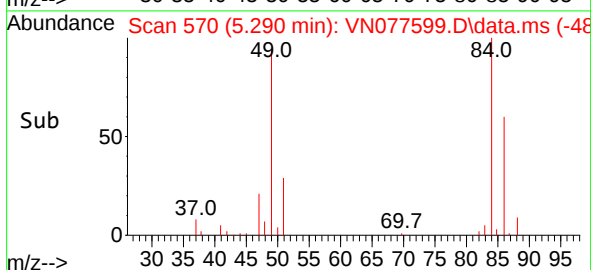
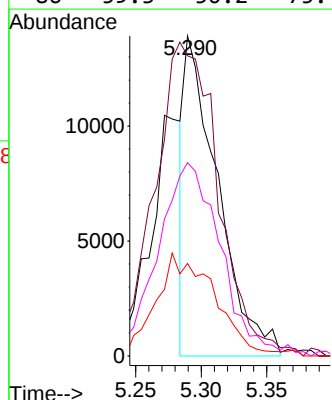
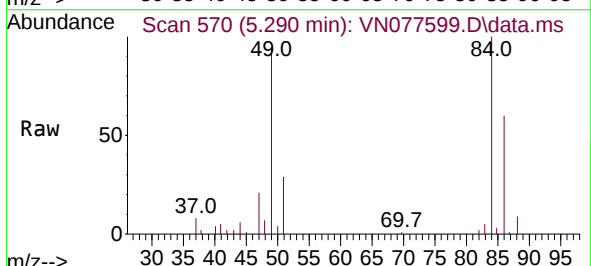
Ion Ratio Lower Upper

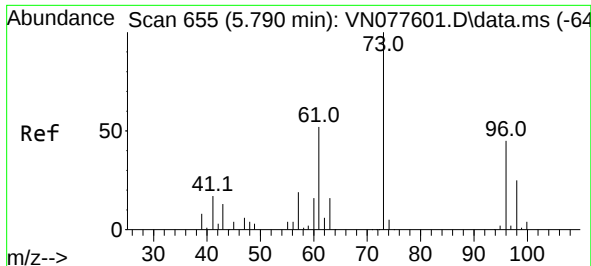
84 100

49 92.1 82.4 123.6

51 27.9 25.1 37.7

86 59.3 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 3.396 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

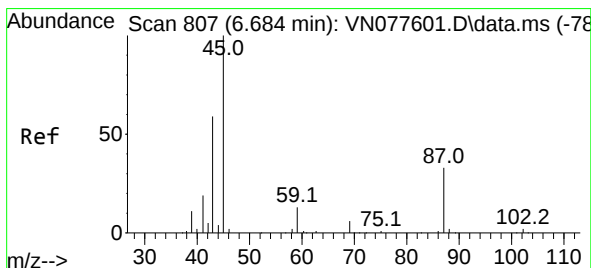
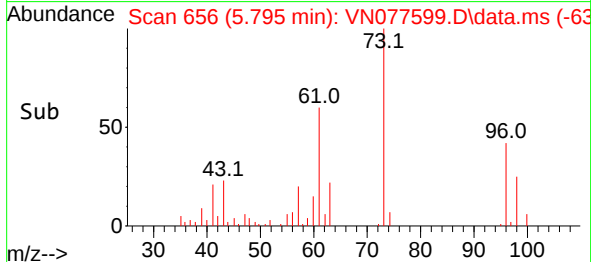
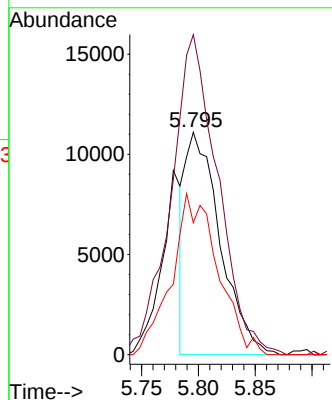
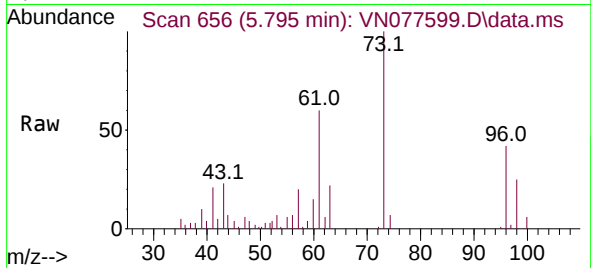
Tgt Ion: 96 Resp: 23579

Ion Ratio Lower Upper

96 100

61 142.4 92.4 138.6#

98 59.4 44.8 67.2



#20

Diisopropyl ether

Concen: 4.944 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Tgt Ion: 45 Resp: 92989

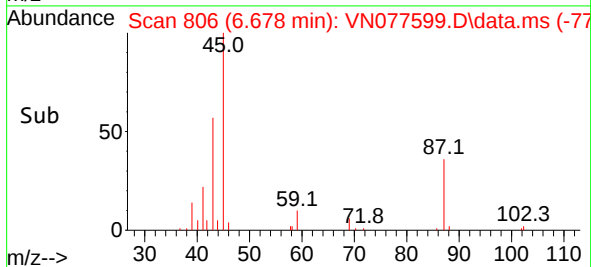
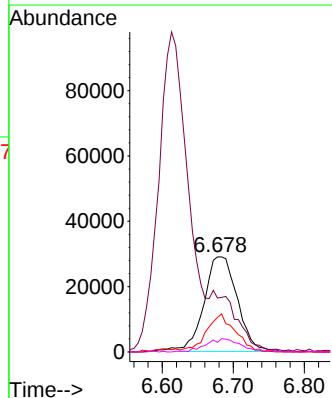
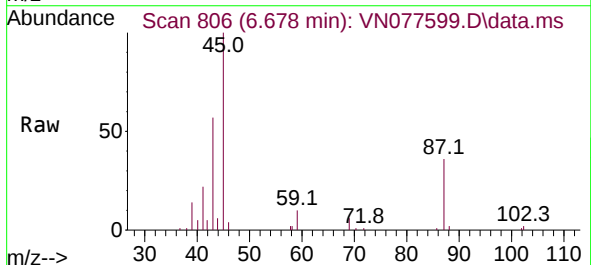
Ion Ratio Lower Upper

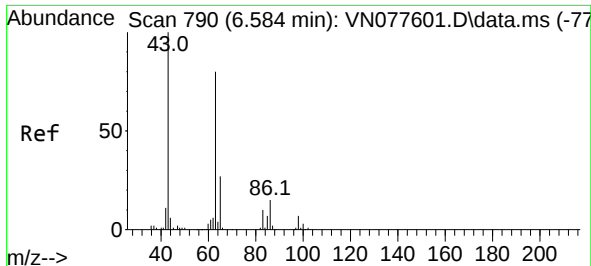
45 100

43 55.0 47.1 70.7

87 36.5 26.2 39.2

59 9.6 10.5 15.7#





#21

1,1-Dichloroethane

Concen: 5.281 ug/l

RT: 6.584 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

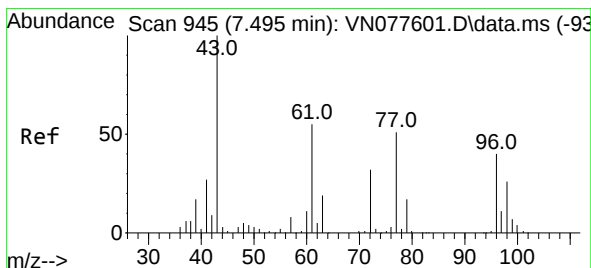
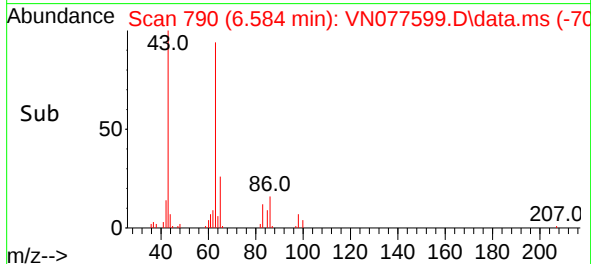
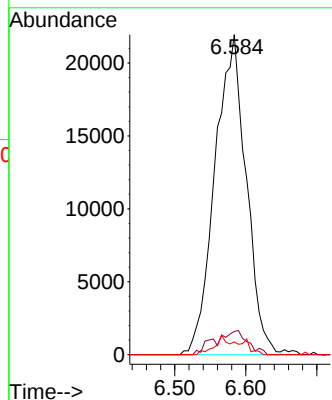
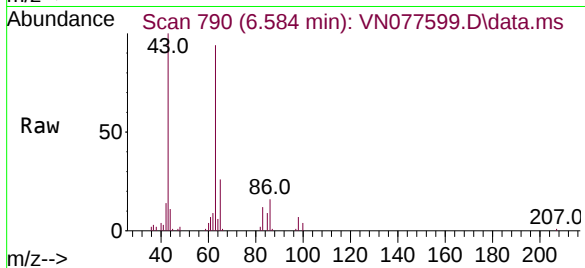
Tgt Ion: 63 Resp: 66944

Ion Ratio Lower Upper

63 100

98 7.2 4.3 13.1

100 4.0 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 5.086 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

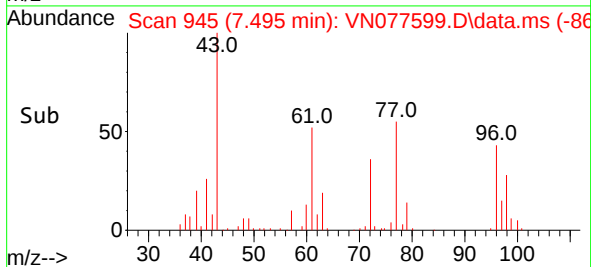
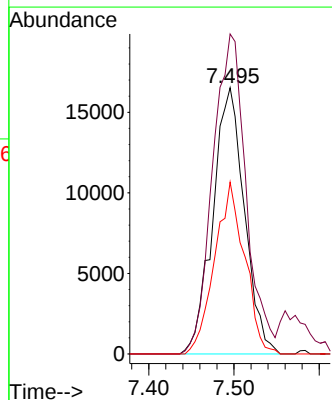
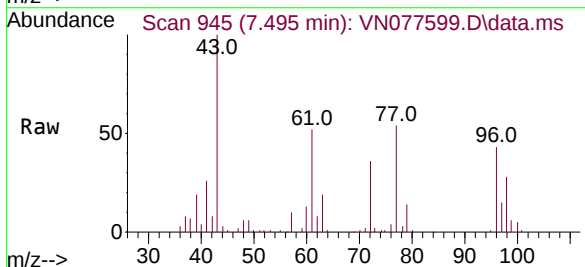
Tgt Ion: 96 Resp: 42630

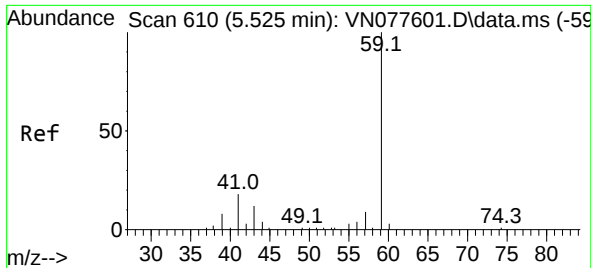
Ion Ratio Lower Upper

96 100

61 126.5 109.4 164.0

98 61.2 51.2 76.8

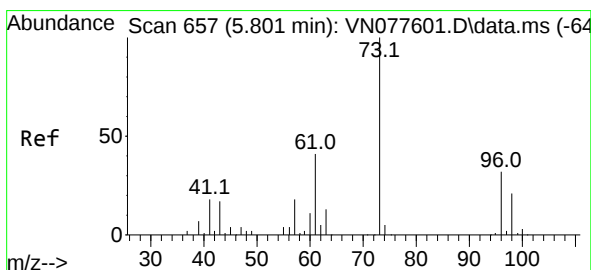
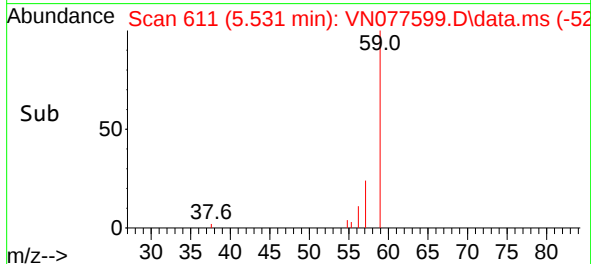
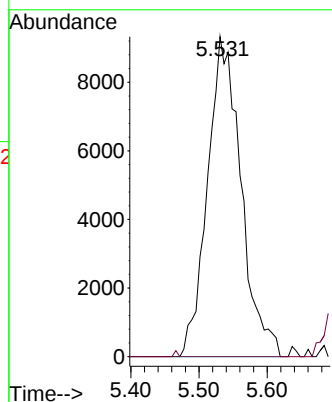
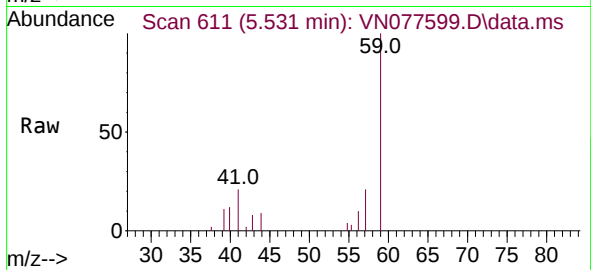




#23
tert-Butyl Alcohol
Concen: 24.498 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

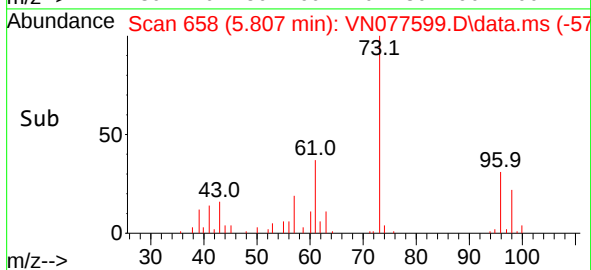
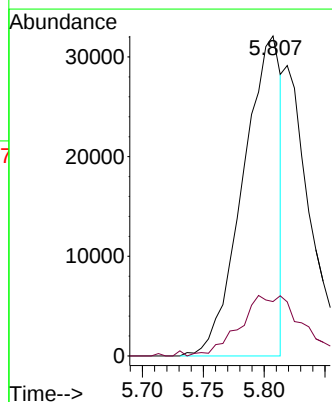
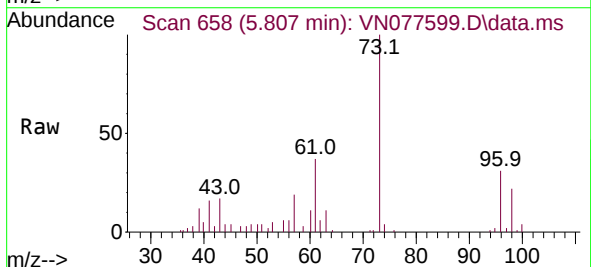
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

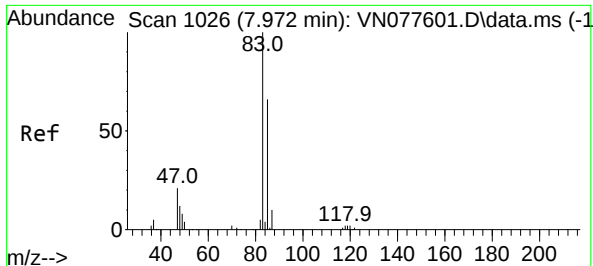
Tgt Ion: 59 Resp: 31872
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 3.023 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 73 Resp: 69358
Ion Ratio Lower Upper
73 100
43 15.5 14.3 21.5





#25

Chloroform

Concen: 5.218 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

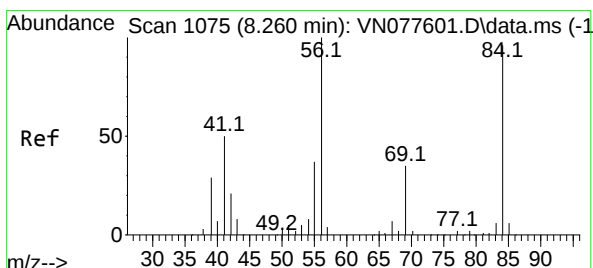
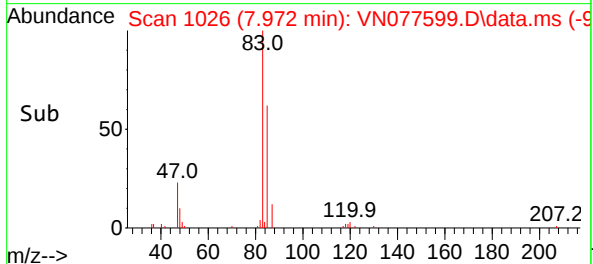
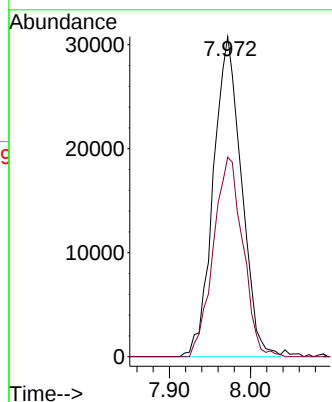
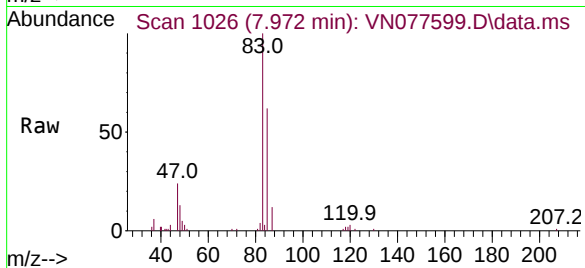
VSTDIC005

Tgt Ion: 83 Resp: 74082

Ion Ratio Lower Upper

83 100

85 62.4 53.0 79.6



#26

Cyclohexane

Concen: 5.009 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

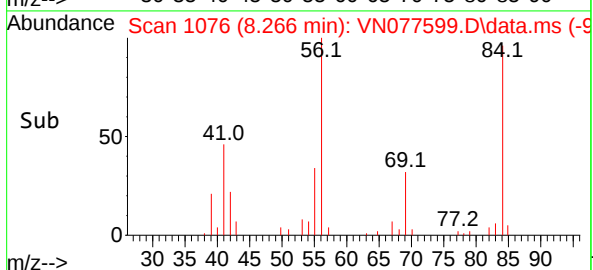
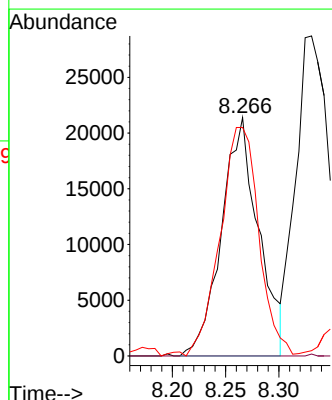
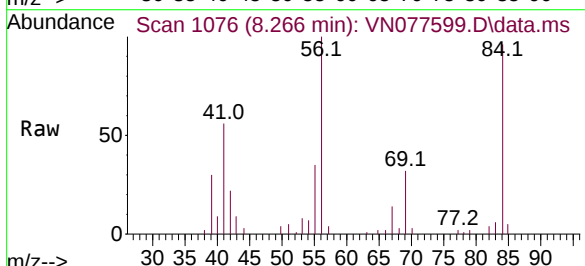
Tgt Ion: 56 Resp: 51666

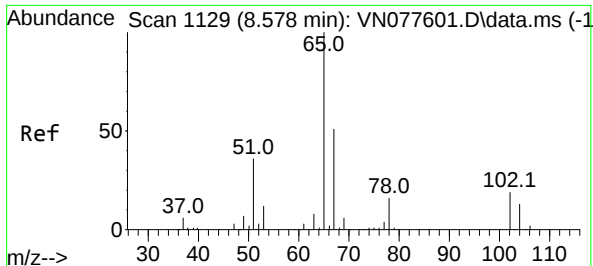
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 100.2 84.6 126.8

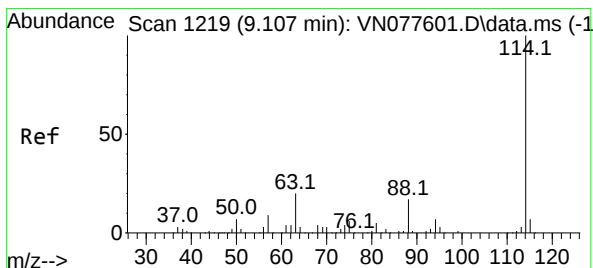
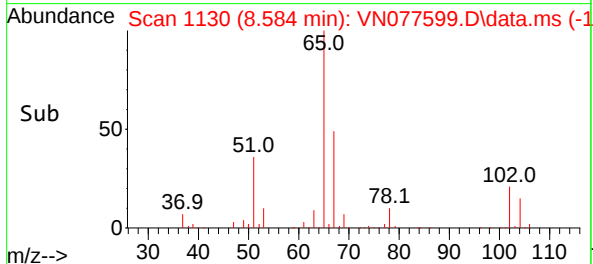
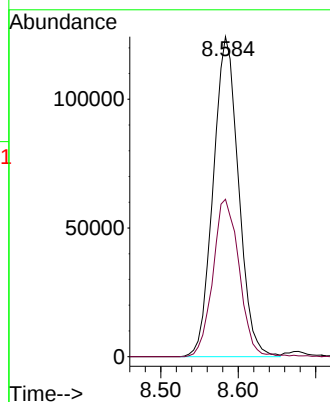
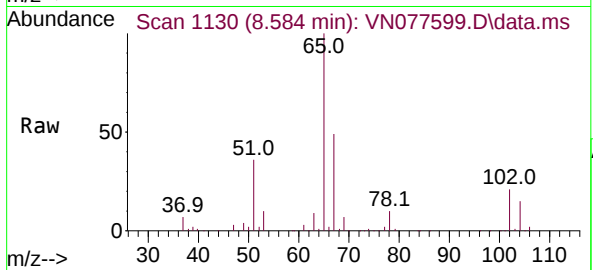




#27
1,2-Dichloroethane-d4
Concen: 30.458 ug/l
RT: 8.584 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

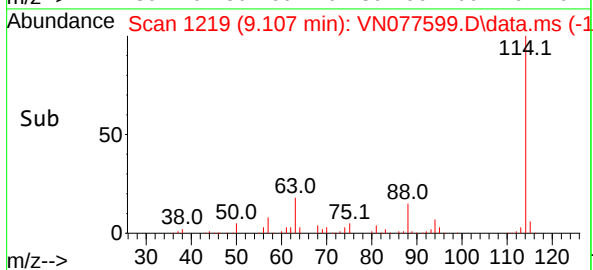
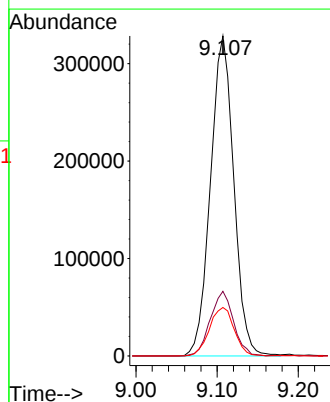
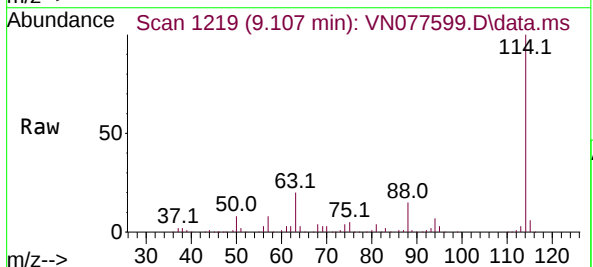
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

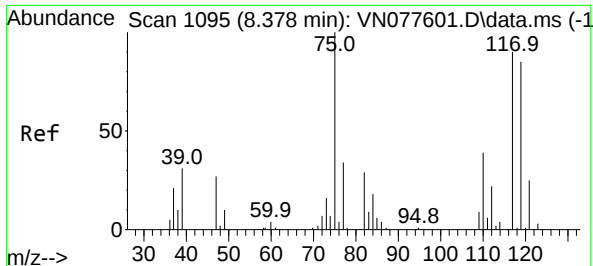
Tgt Ion: 65 Resp: 281914
Ion Ratio Lower Upper
65 100
67 50.6 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 114 Resp: 655818
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 16.1 13.0 19.4





#29

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 8.372 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

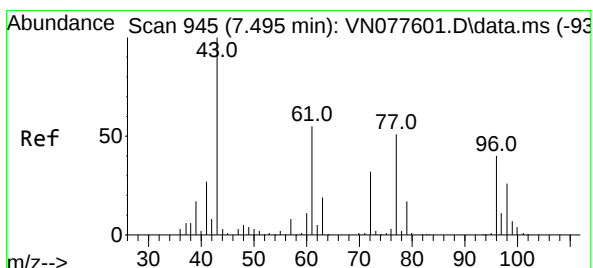
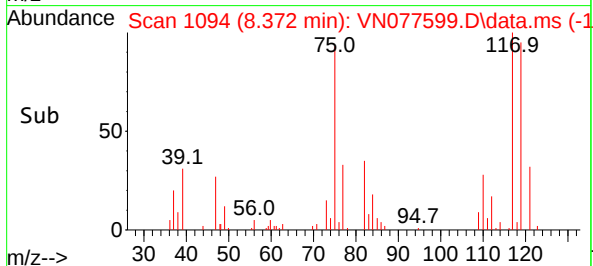
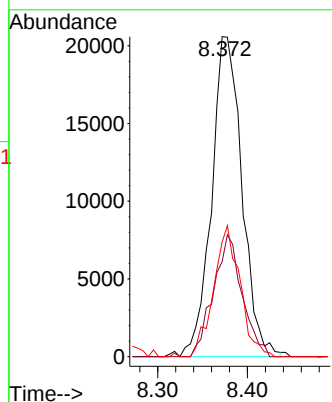
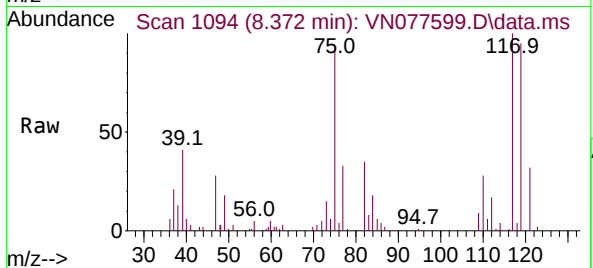
Tgt Ion: 75 Resp: 48360

Ion Ratio Lower Upper

75 100

110 35.9 0.0 69.8

77 35.7 0.0 61.4



#30

2-Butanone

Concen: 25.430 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

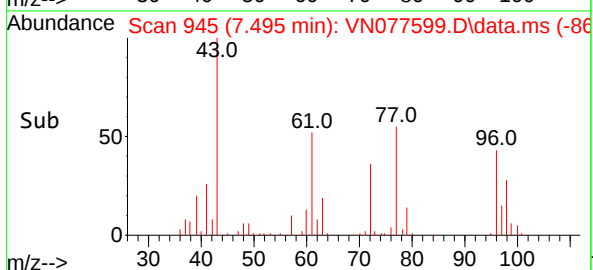
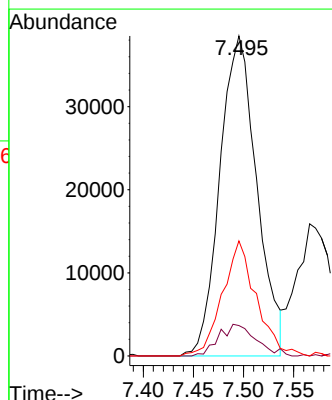
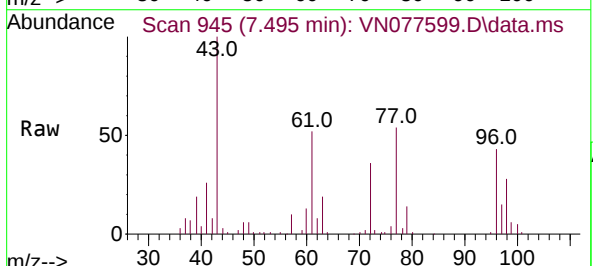
Tgt Ion: 43 Resp: 98888

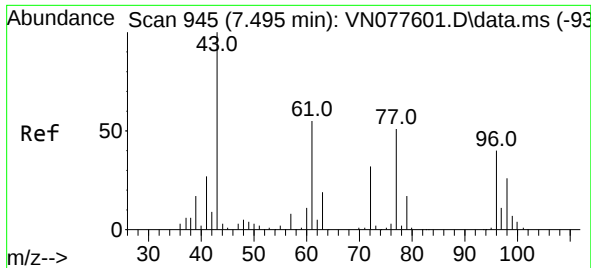
Ion Ratio Lower Upper

43 100

57 9.5 7.2 10.8

72 32.3 26.2 39.2

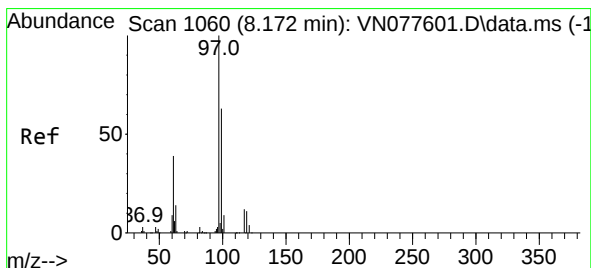
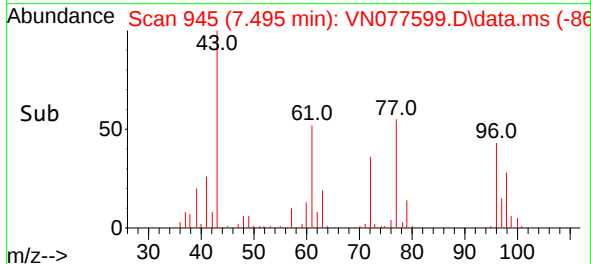
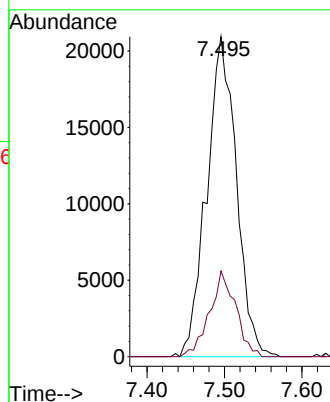
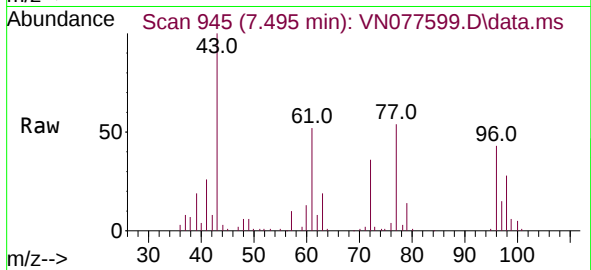




#31
2,2-Dichloropropane
Concen: 5.252 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

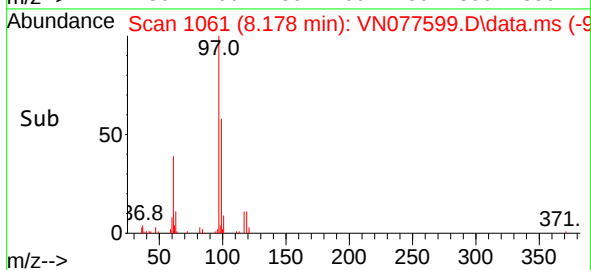
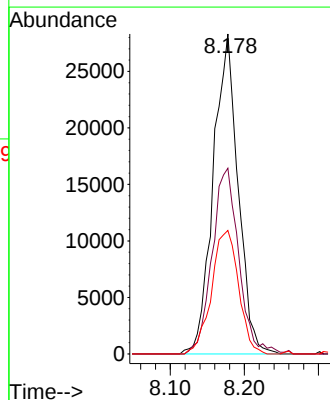
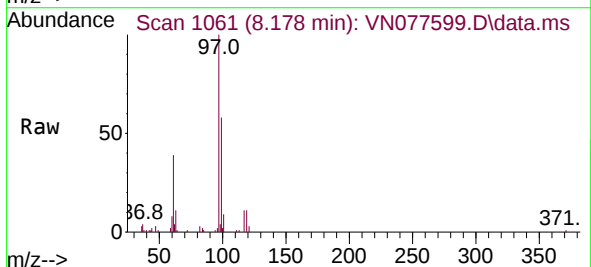
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

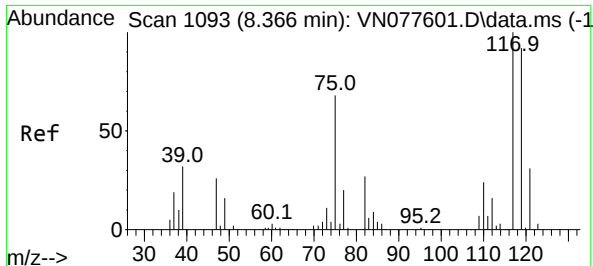
Tgt Ion: 77 Resp: 55611
Ion Ratio Lower Upper
77 100
97 23.6 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 5.233 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 97 Resp: 65996
Ion Ratio Lower Upper
97 100
99 60.6 53.1 79.7
61 41.9 35.1 52.7

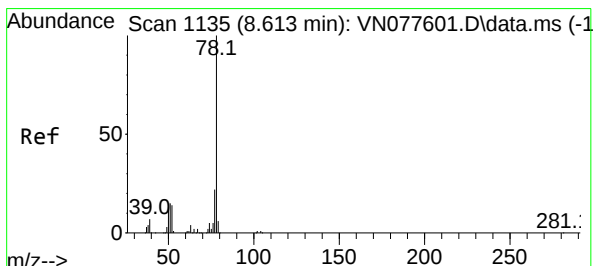
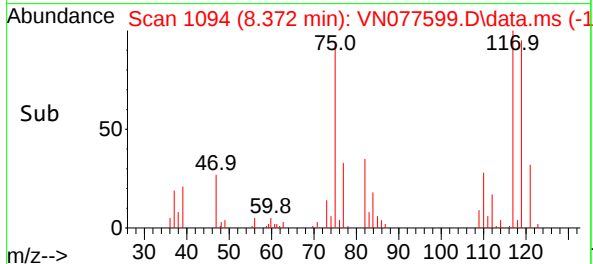
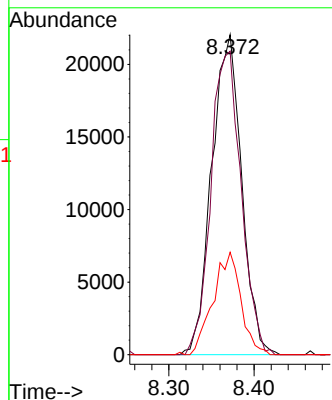
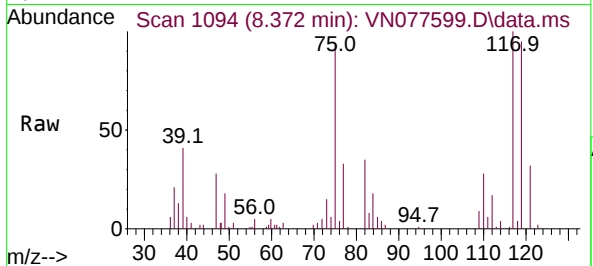




#33
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

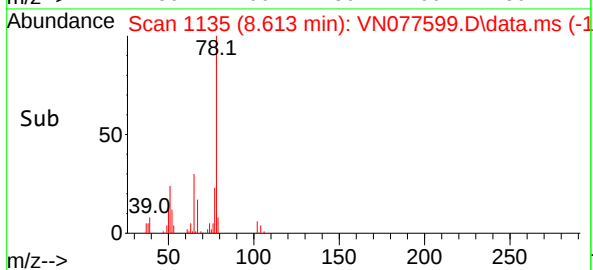
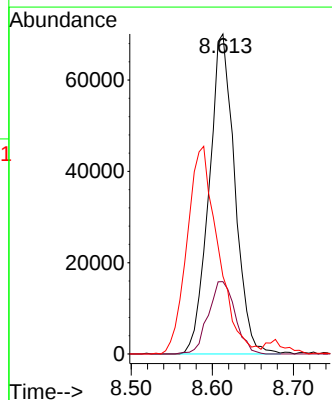
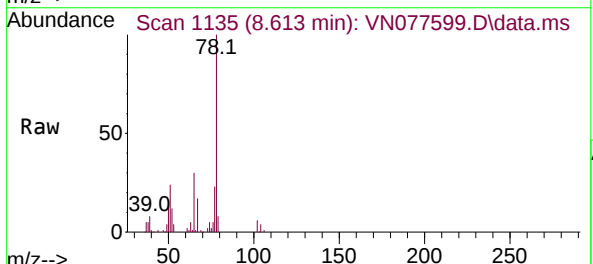
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

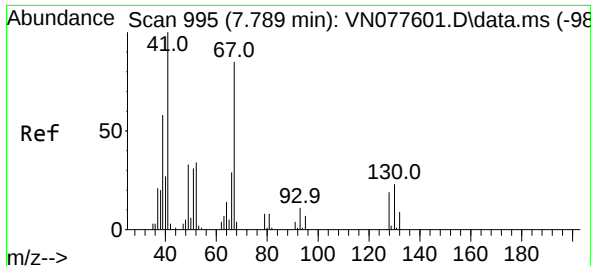
Tgt Ion:117 Resp: 53783
Ion Ratio Lower Upper
117 100
119 94.8 73.9 110.9
121 32.0 25.0 37.4



#34
Benzene
Concen: 5.212 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 78 Resp: 154503
Ion Ratio Lower Upper
78 100
77 22.6 17.2 25.8
51 22.0 12.3 18.5#

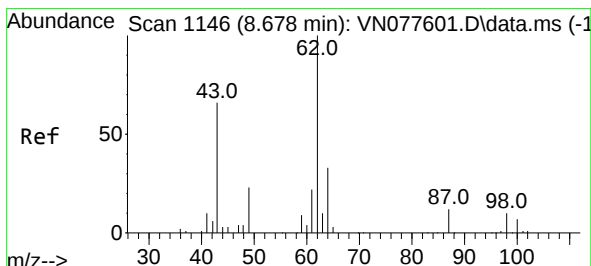
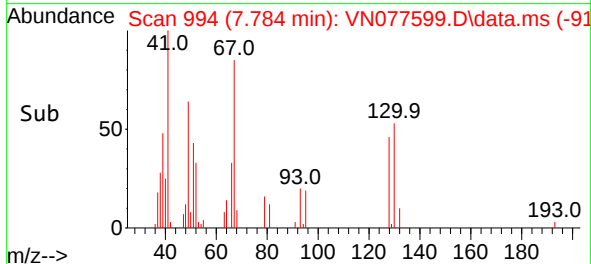
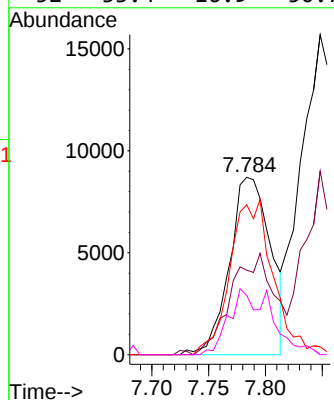
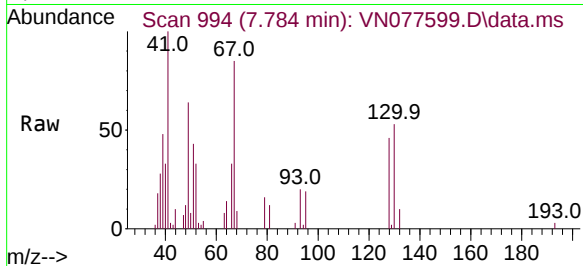




#35
Methacrylonitrile
Concen: 5.058 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

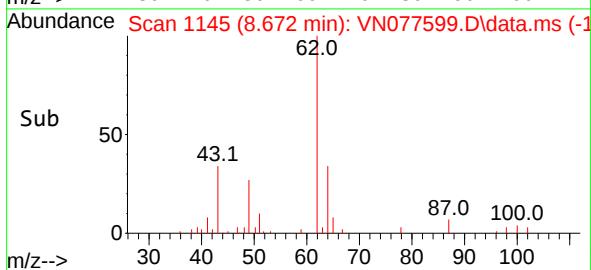
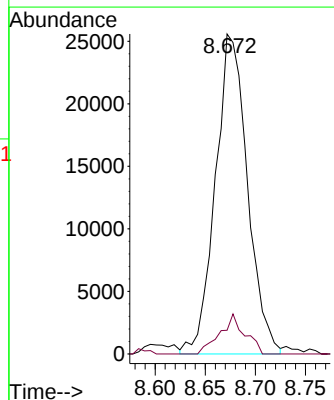
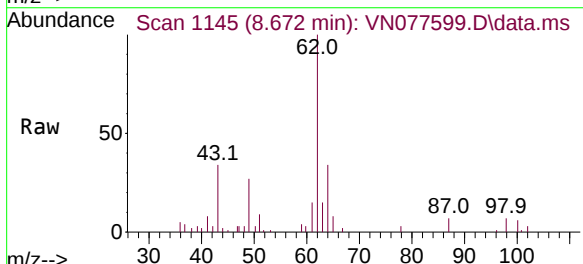
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

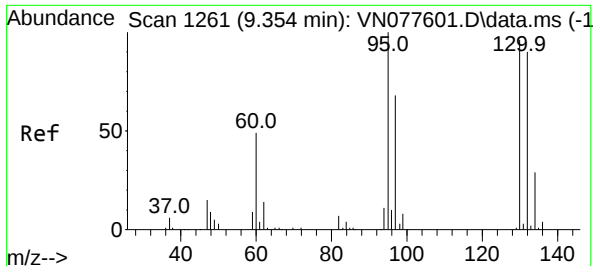
Tgt Ion: 41	Resp: 21813
Ion Ratio	Lower Upper
41 100	
39 45.3	28.7 86.3
67 84.5	42.7 128.1
52 33.4	16.9 50.7



#36
1,2-Dichloroethane
Concen: 5.400 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 62	Resp: 56945
Ion Ratio	Lower Upper
62 100	
98 9.6	7.6 11.4





#37

Trichloroethene

Concen: 5.290 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

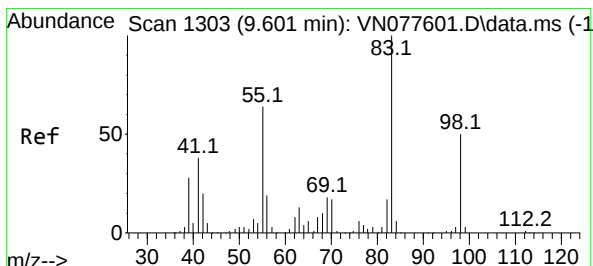
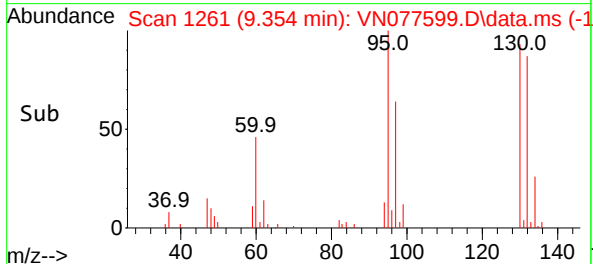
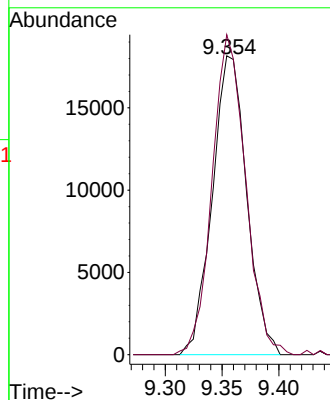
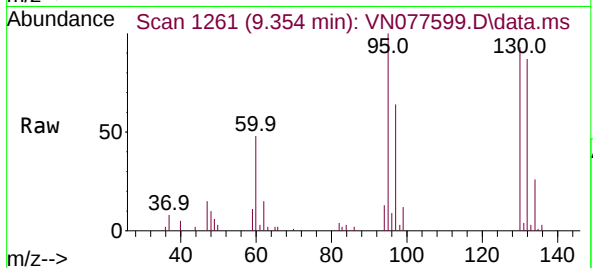
VSTDIC005

Tgt Ion:130 Resp: 38278

Ion Ratio Lower Upper

130 100

95 105.8 83.0 124.6



#38

Methylcyclohexane

Concen: 5.022 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

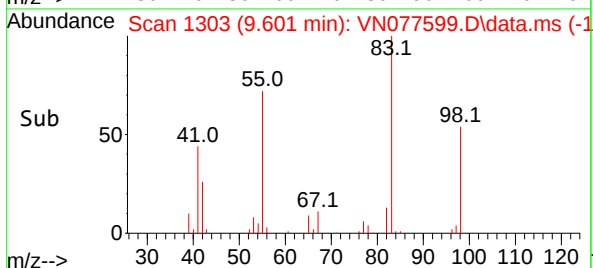
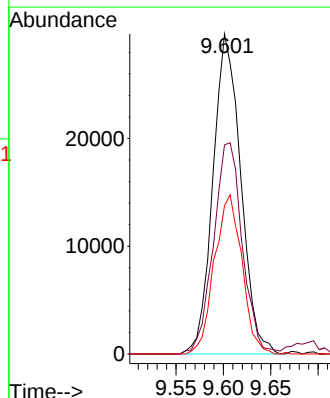
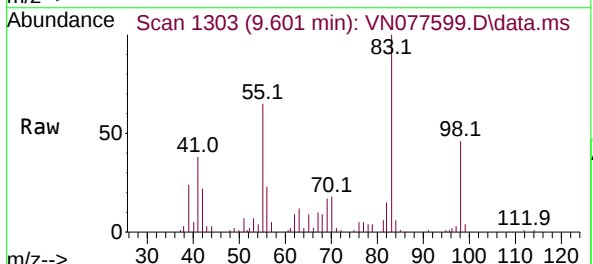
Tgt Ion: 83 Resp: 60597

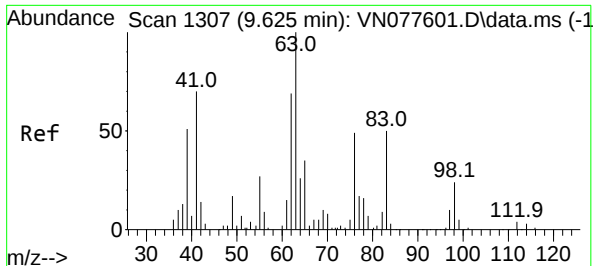
Ion Ratio Lower Upper

83 100

55 68.6 33.6 100.8

98 49.2 25.3 75.8

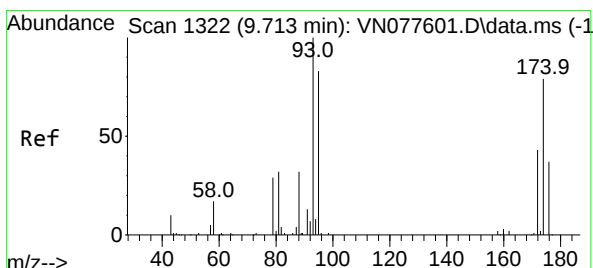
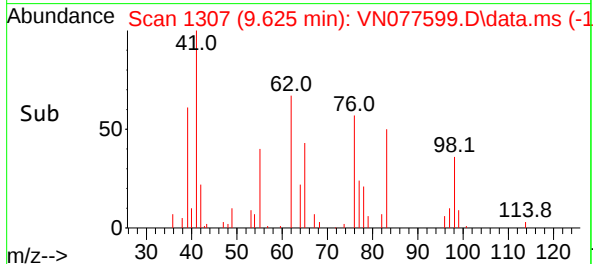
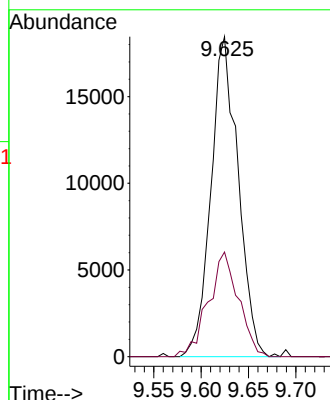
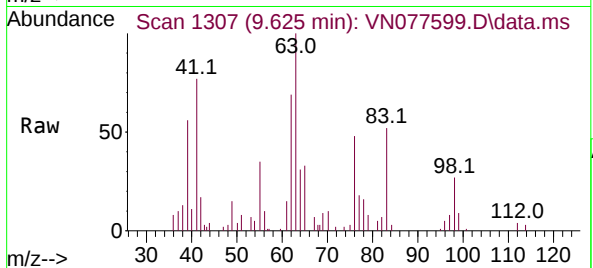




#39
1,2-Dichloropropane
Concen: 5.205 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

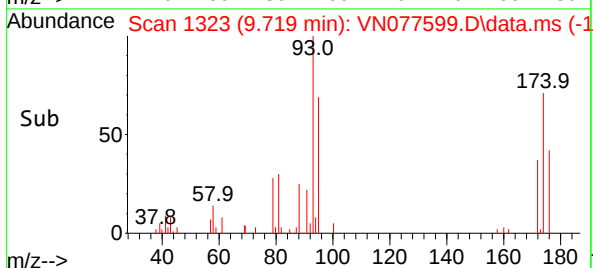
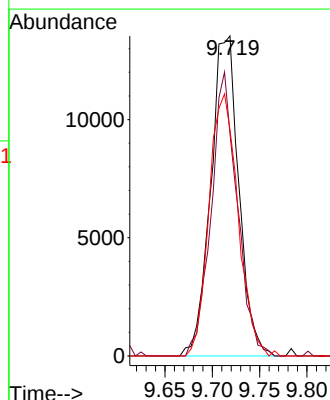
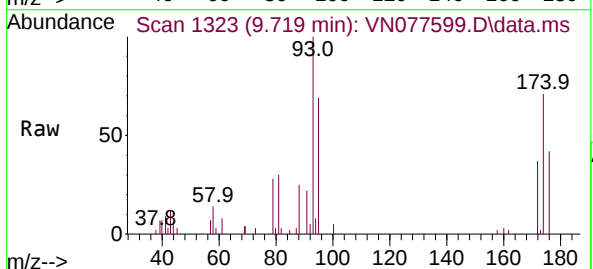
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

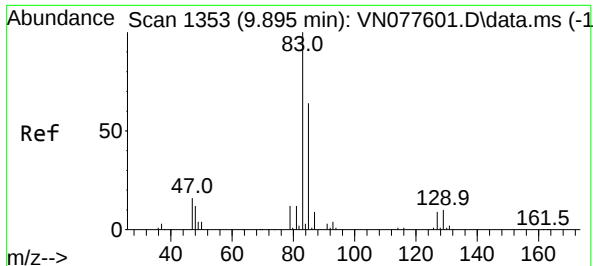
Tgt Ion: 63 Resp: 36797
Ion Ratio Lower Upper
63 100
65 32.7 28.2 42.4



#40
Dibromomethane
Concen: 5.175 ug/l
RT: 9.719 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 93 Resp: 27988
Ion Ratio Lower Upper
93 100
95 82.2 0.0 164.0
174 84.1 0.0 157.0

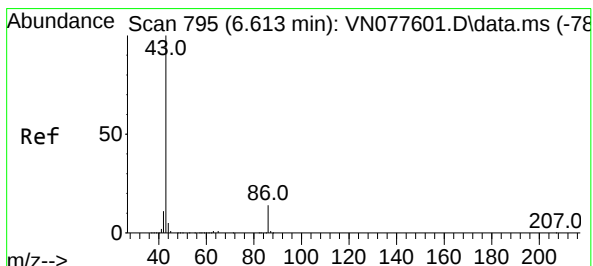
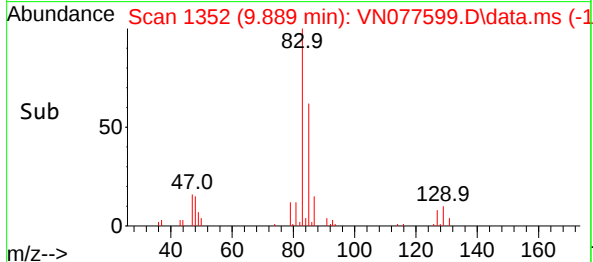
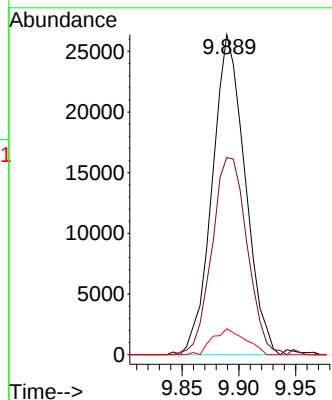
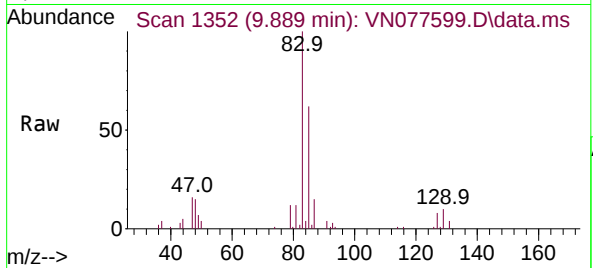




#41
Bromodichloromethane
Concen: 4.942 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

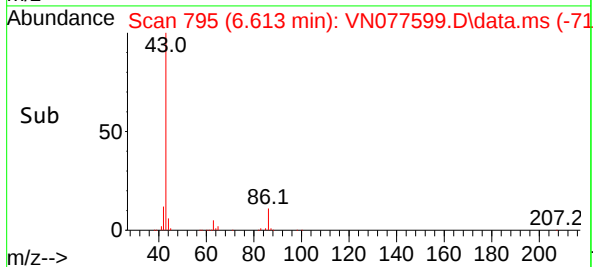
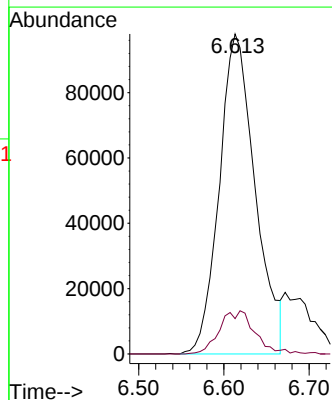
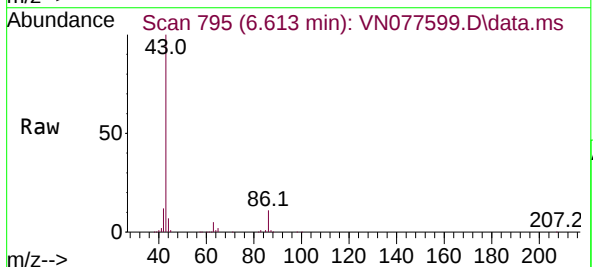
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

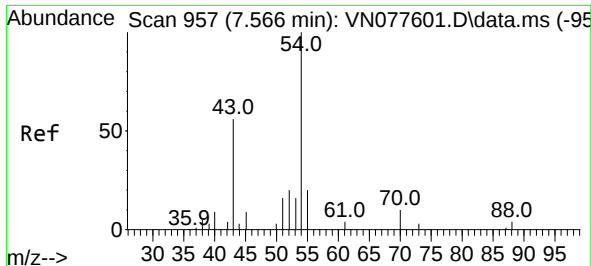
Tgt Ion: 83 Resp: 52940
Ion Ratio Lower Upper
83 100
85 60.8 51.2 76.8
127 8.1 7.3 10.9



#42
Vinyl Acetate
Concen: 25.277 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 43 Resp: 286897
Ion Ratio Lower Upper
43 100
86 6.6 10.3 15.5#

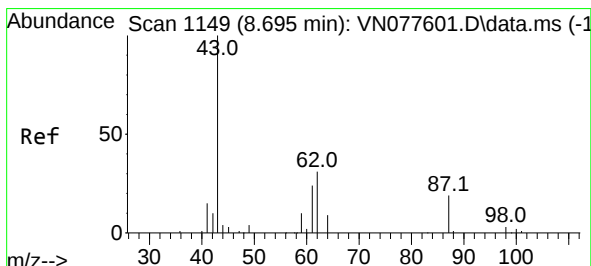
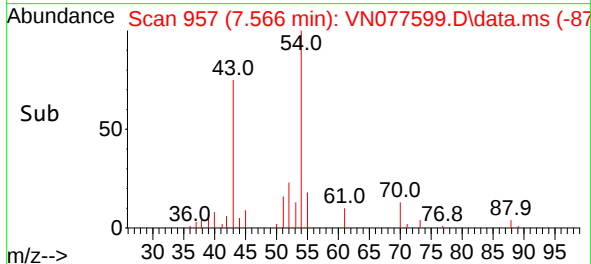
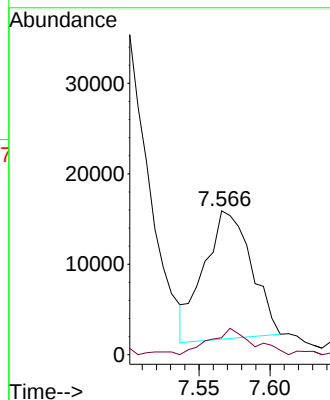
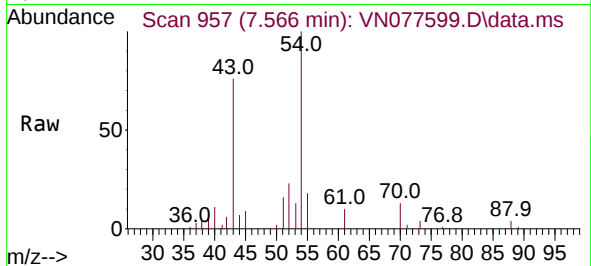




#43
Ethyl Acetate
Concen: 4.046 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

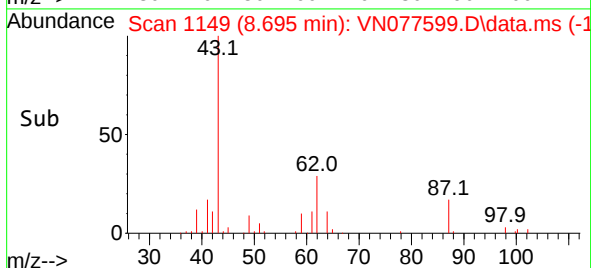
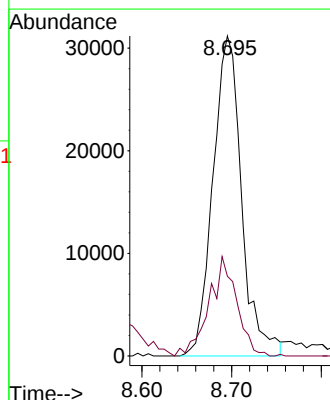
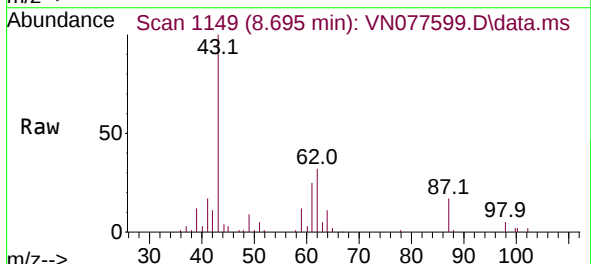
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

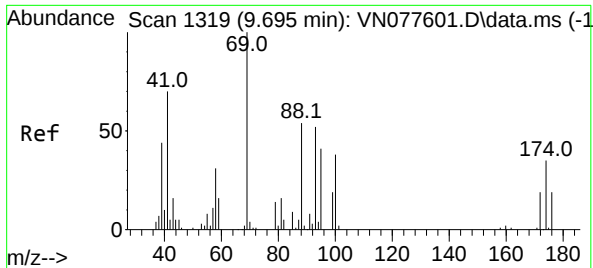
Tgt Ion: 43 Resp: 32711
Ion Ratio Lower Upper
43 100
45 15.4 8.2 12.4#



#44
Isopropyl Acetate
Concen: 5.031 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 43 Resp: 69169
Ion Ratio Lower Upper
43 100
61 29.8 23.2 34.8

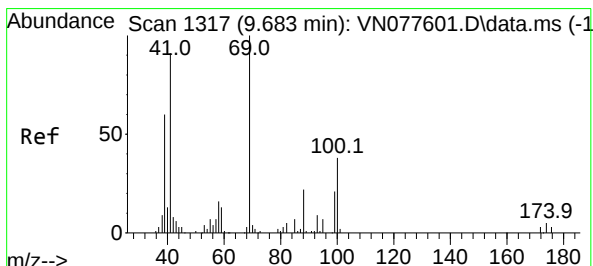
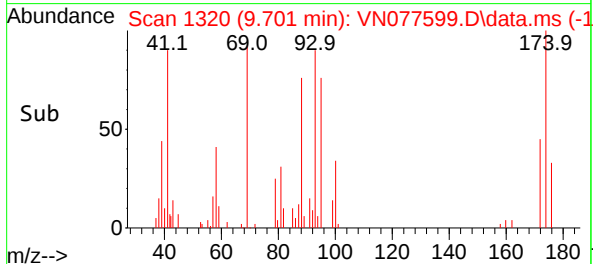
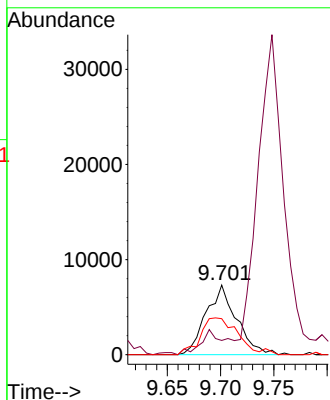
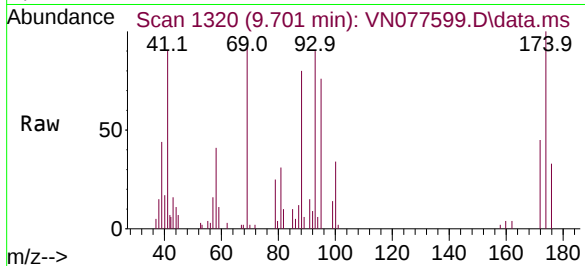




#45
1,4-Dioxane
Concen: 99.932 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

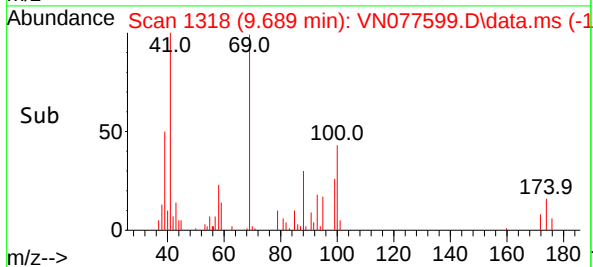
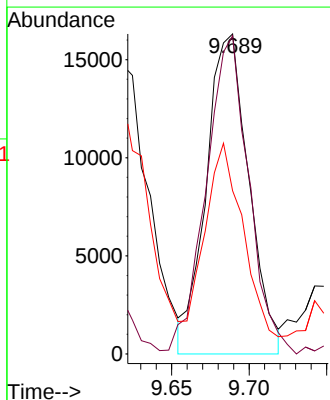
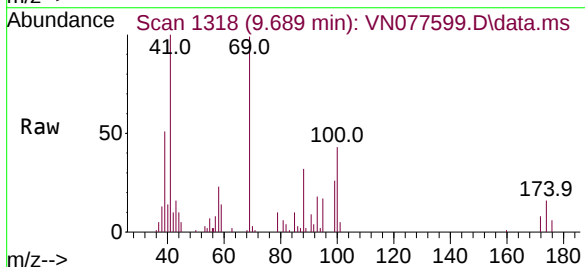
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

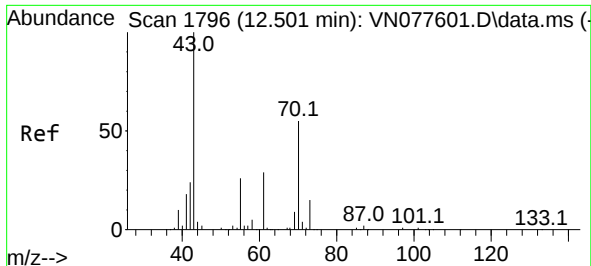
Tgt Ion: 88 Resp: 14608
Ion Ratio Lower Upper
88 100
43 21.5 18.2 27.2
58 57.2 47.5 71.3



#46
Methyl methacrylate
Concen: 4.968 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 41 Resp: 31137
Ion Ratio Lower Upper
41 100
69 100.5 52.0 156.0
39 49.4 33.6 100.6





#47

n-amyl acetate

Concen: 4.161 ug/l

RT: 12.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

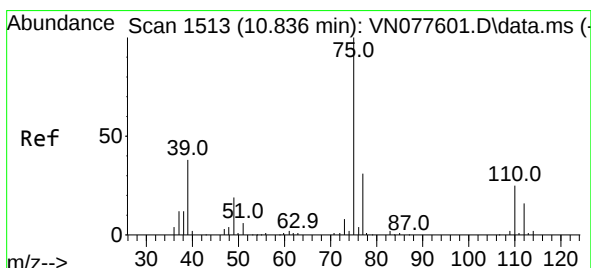
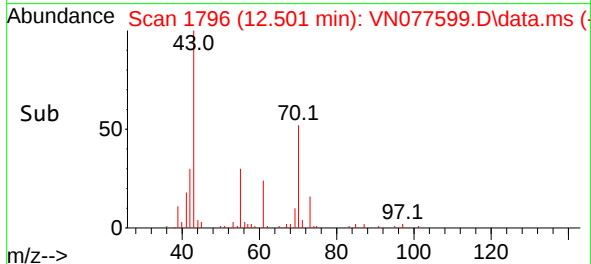
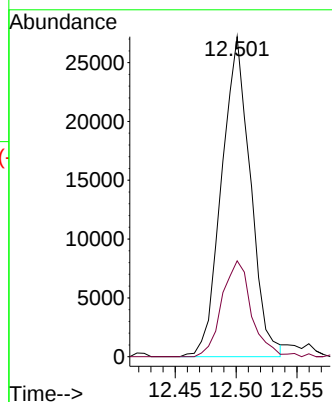
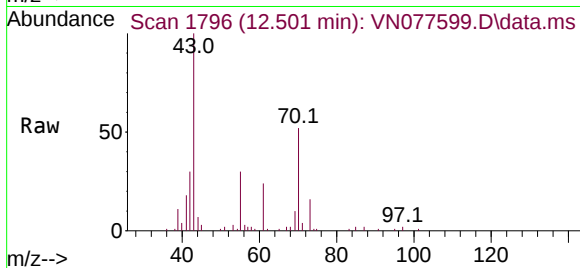
VSTDICC005

Tgt Ion: 43 Resp: 44836

Ion Ratio Lower Upper

43 100

55 30.4 21.4 32.0



#48

t-1,3-Dichloropropene

Concen: 4.654 ug/l

RT: 10.842 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN077599.D

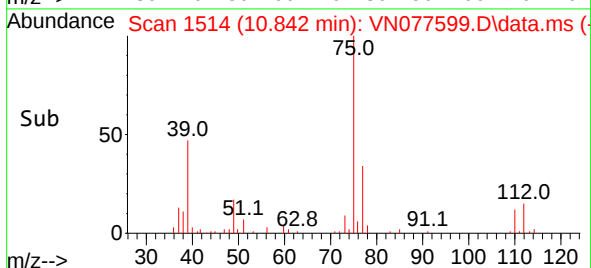
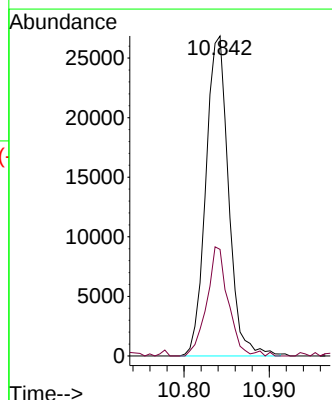
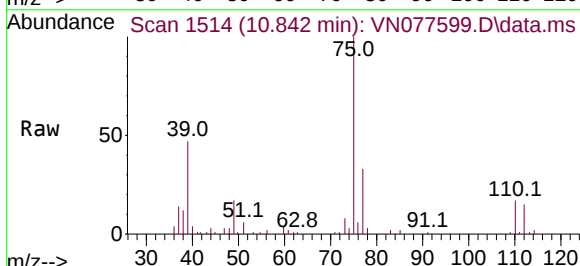
Acq: 05 May 2023 18:54

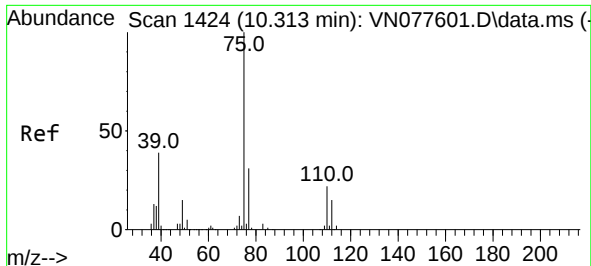
Tgt Ion: 75 Resp: 49891

Ion Ratio Lower Upper

75 100

77 33.3 25.1 37.7

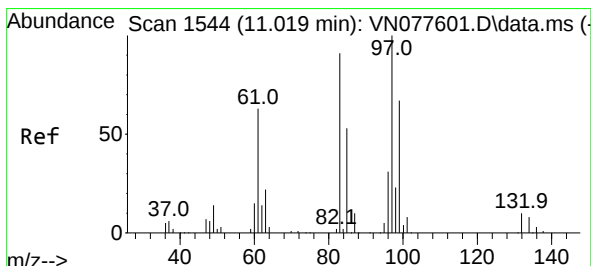
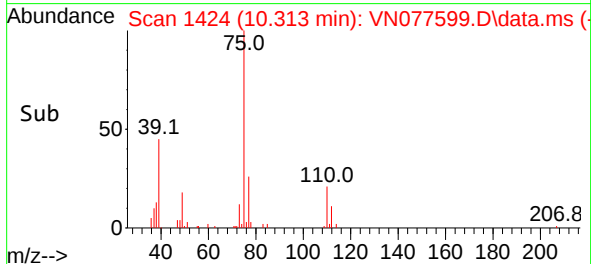
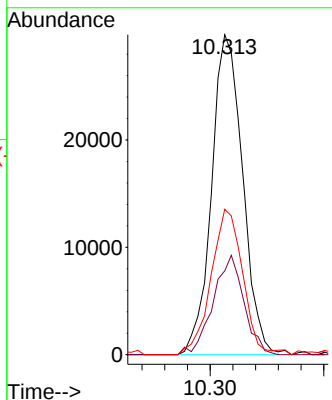
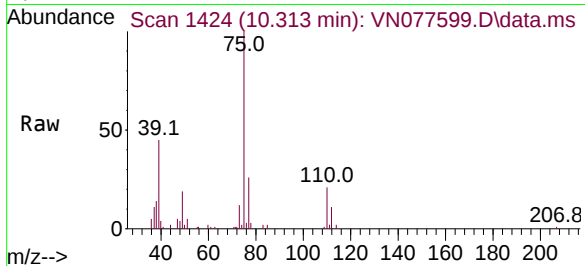




#49
 cis-1,3-Dichloropropene
 Concen: 4.807 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

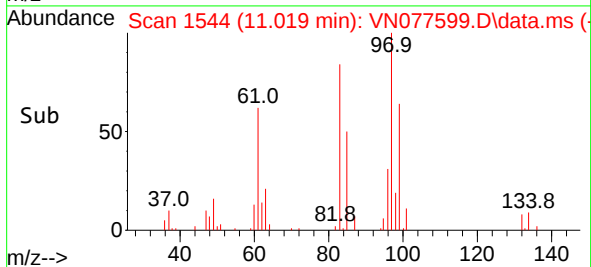
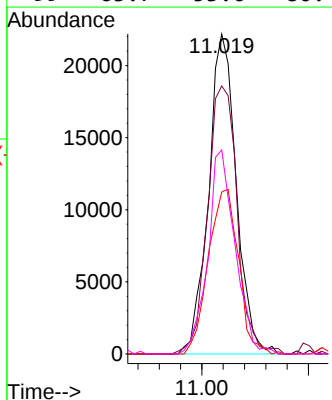
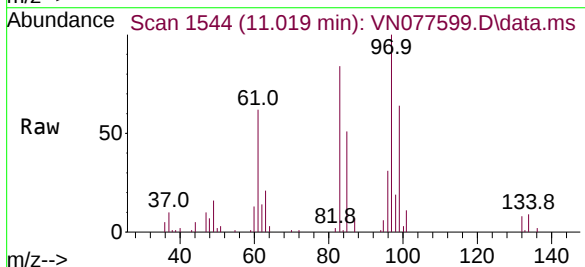
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

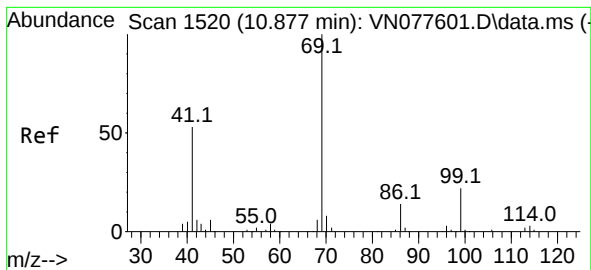
Tgt Ion: 75	Resp: 56493
Ion Ratio	Lower Upper
75 100	
77 26.2	24.7 37.1
39 45.5	31.0 46.6



#50
 1,1,2-Trichloroethane
 Concen: 5.255 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Tgt Ion: 97	Resp: 40059
Ion Ratio	Lower Upper
97 100	
83 82.9	72.6 108.8
85 50.6	42.6 63.8
99 63.7	53.6 80.4

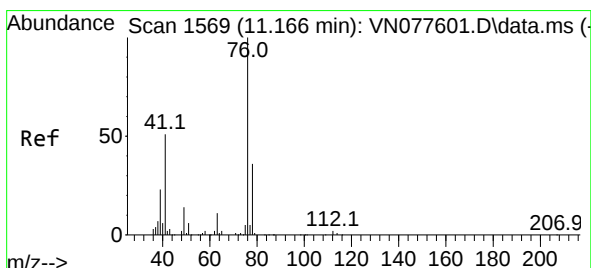
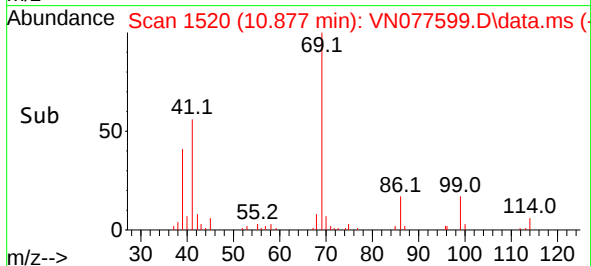
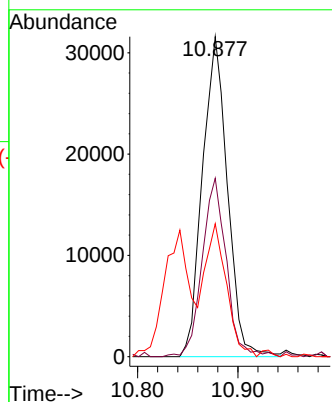
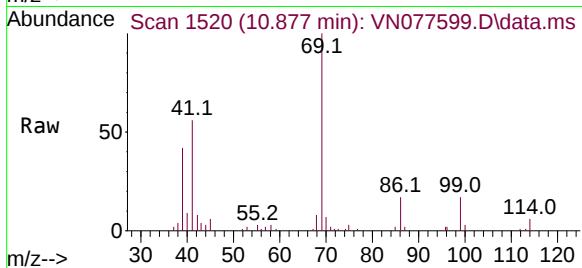




#51
Ethyl methacrylate
Concen: 4.904 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

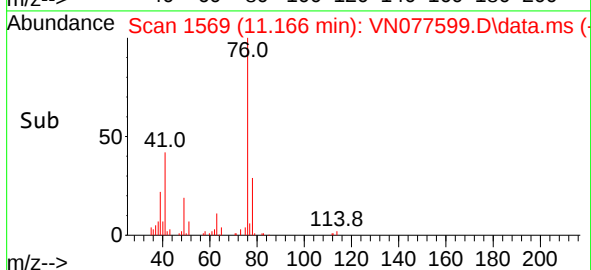
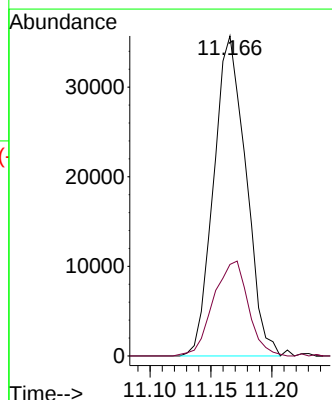
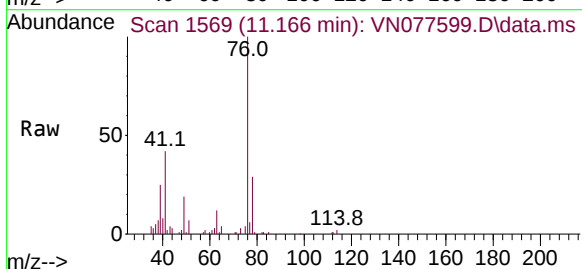
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

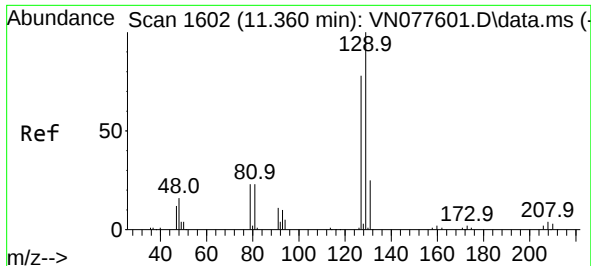
Tgt Ion: 69 Resp: 54744
Ion Ratio Lower Upper
69 100
41 55.7 26.3 78.9
39 41.6 18.1 54.1



#52
1,3-Dichloropropane
Concen: 5.126 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 76 Resp: 65652
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.4

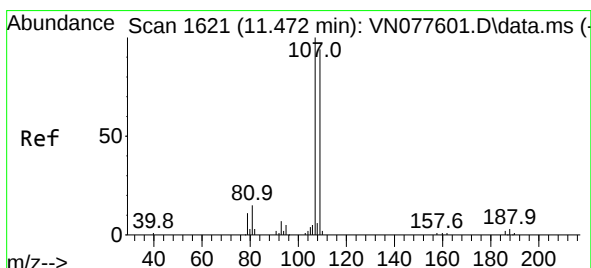
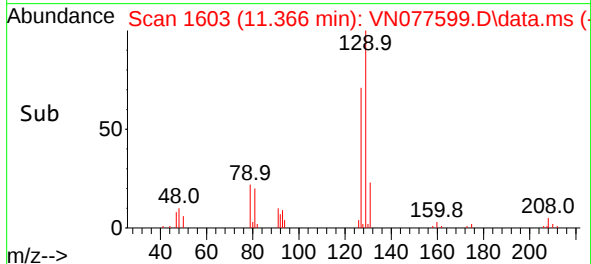
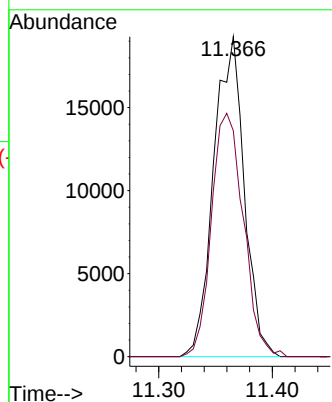
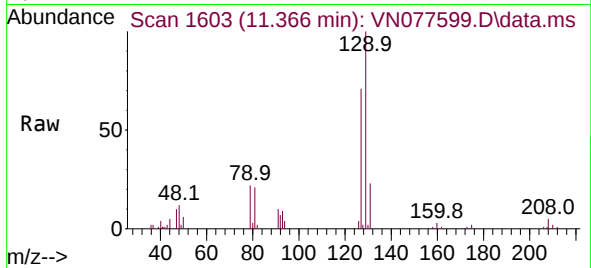




#53
Dibromochloromethane
Concen: 4.645 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

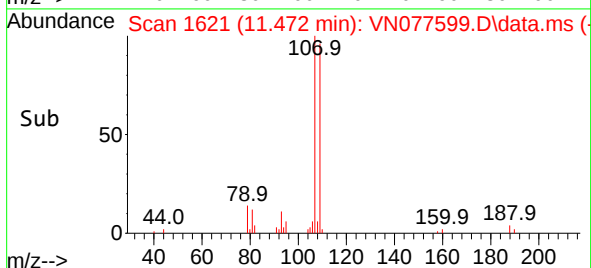
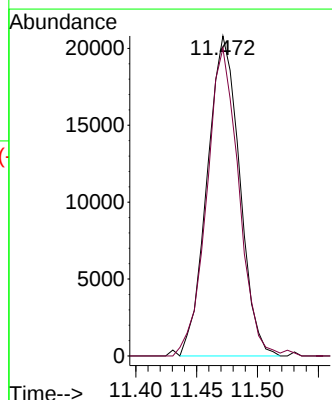
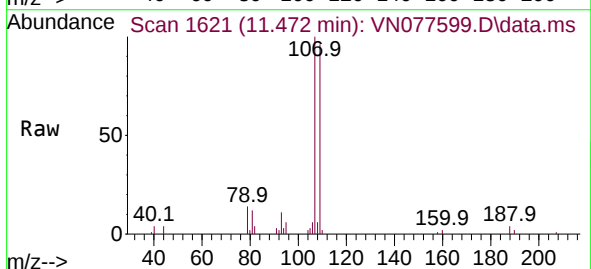
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

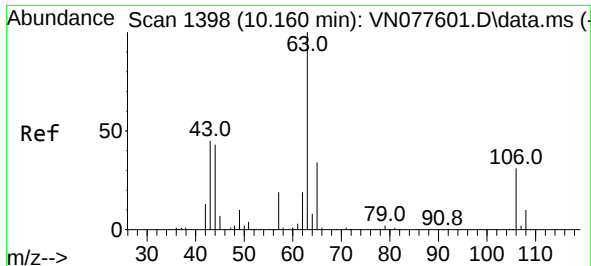
Tgt Ion:129 Resp: 36037
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 4.991 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:107 Resp: 38529
Ion Ratio Lower Upper
107 100
109 94.8 77.4 116.2

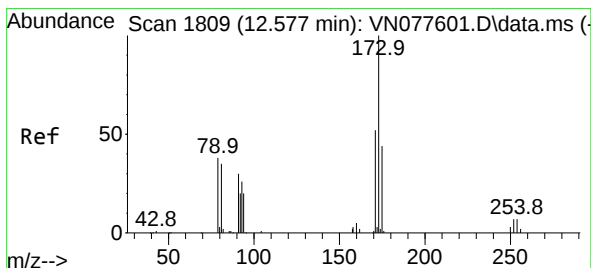
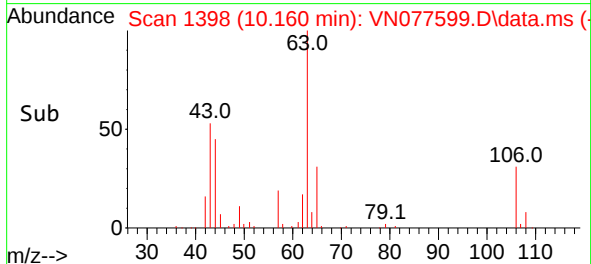
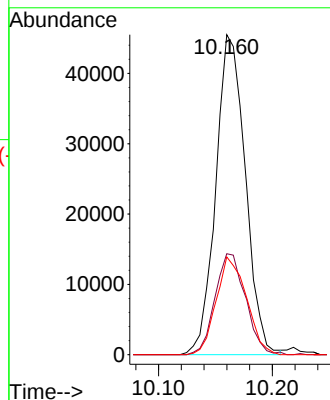
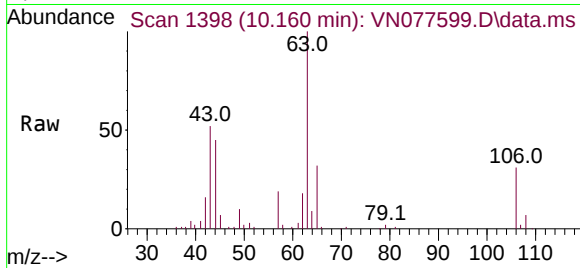




#55
2-Chloroethyl vinyl ether
Concen: 22.183 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

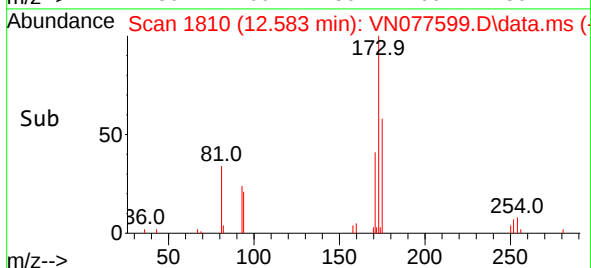
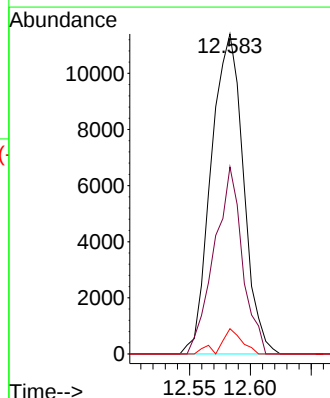
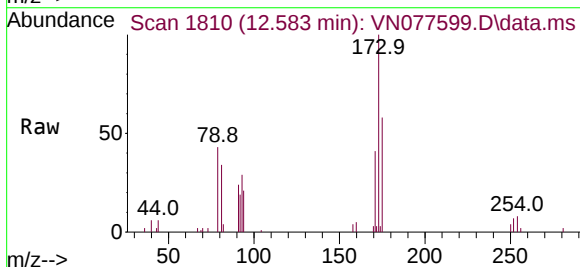
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

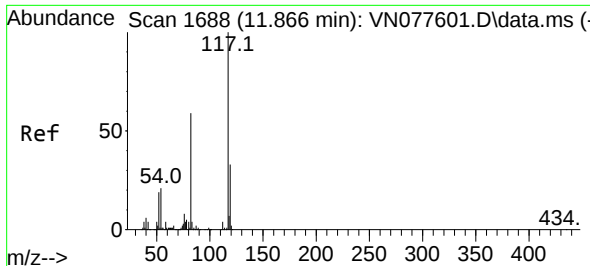
Tgt Ion: 63 Resp: 82220
Ion Ratio Lower Upper
63 100
65 32.3 26.8 40.2
106 31.3 25.6 38.4



#56
Bromoform
Concen: 4.497 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 173 Resp: 21013
Ion Ratio Lower Upper
173 100
175 51.2 39.4 59.2
254 4.4 5.8 8.6#

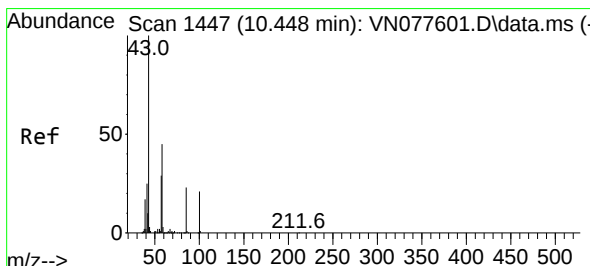
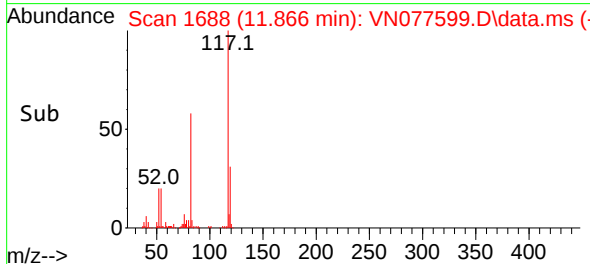
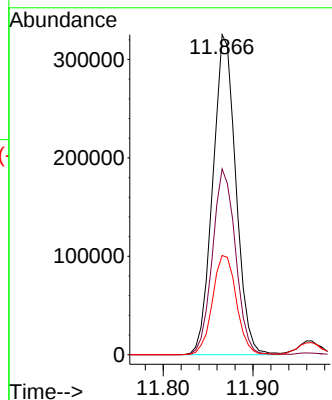
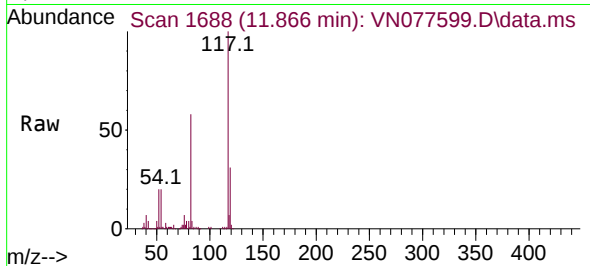




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

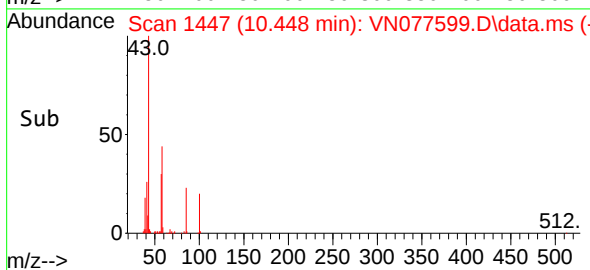
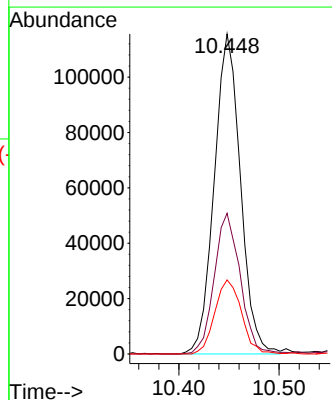
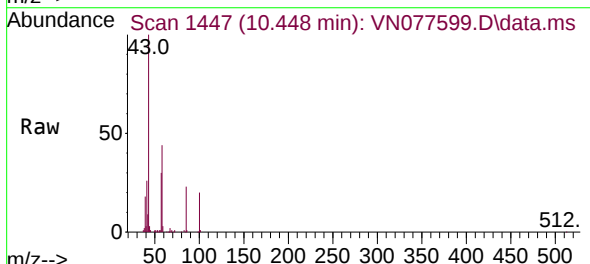
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

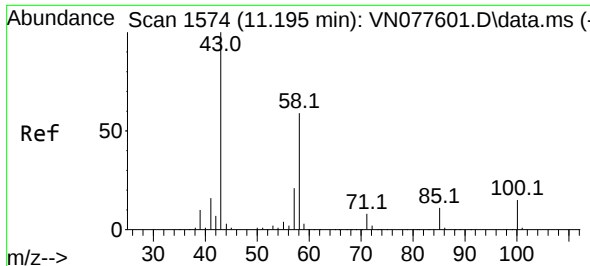
Tgt Ion:117 Resp: 580767
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.1 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 25.900 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 43 Resp: 209861
Ion Ratio Lower Upper
43 100
58 43.7 35.4 53.2
85 23.5 18.2 27.2

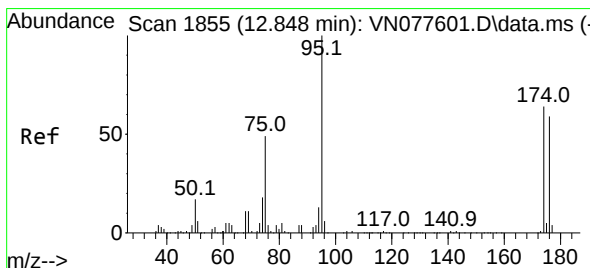
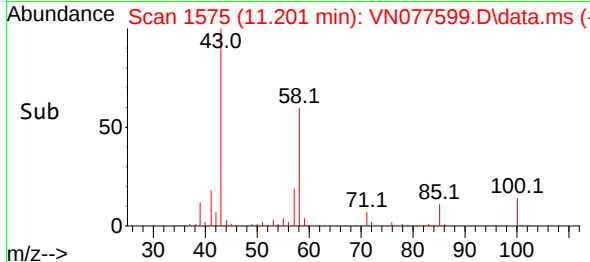
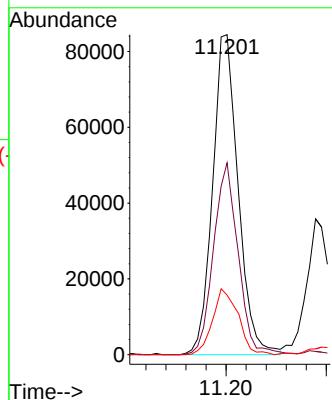
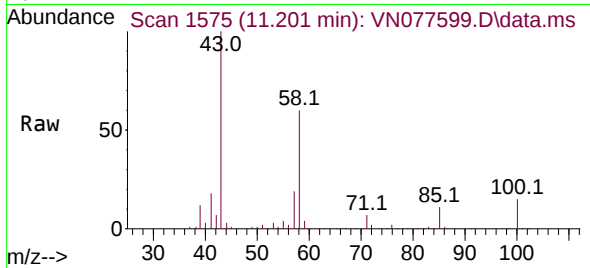




#59
2-Hexanone
Concen: 25.560 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

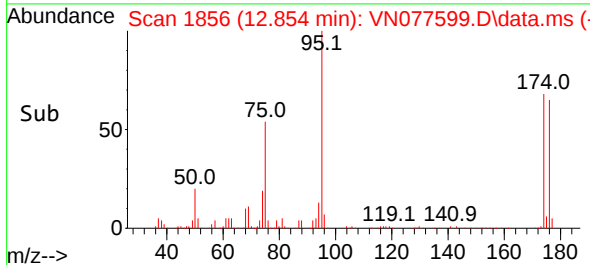
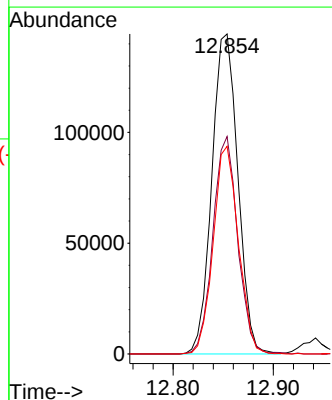
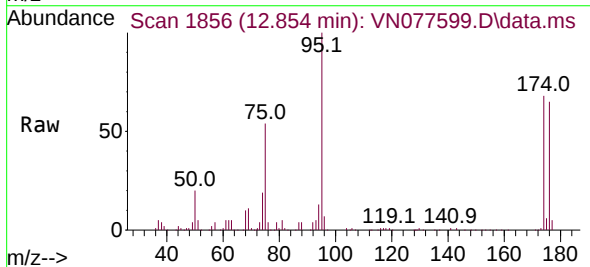
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

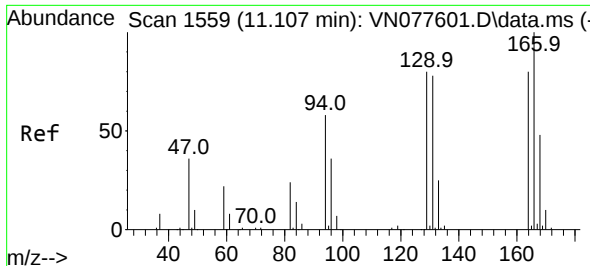
Tgt Ion: 43 Resp: 149507
Ion Ratio Lower Upper
43 100
58 56.4 48.2 72.2
57 20.6 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 28.271 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 95 Resp: 260572
Ion Ratio Lower Upper
95 100
174 64.6 53.4 80.0
176 62.6 50.0 75.0

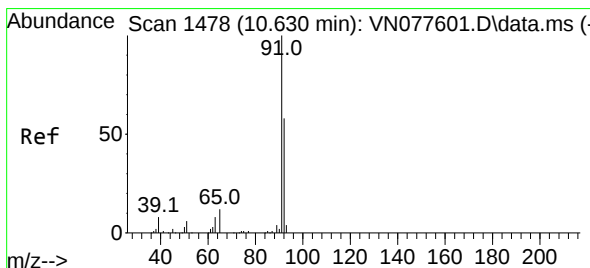
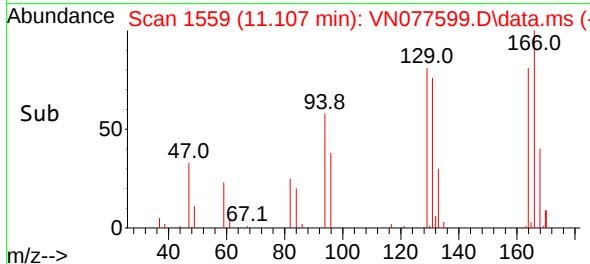
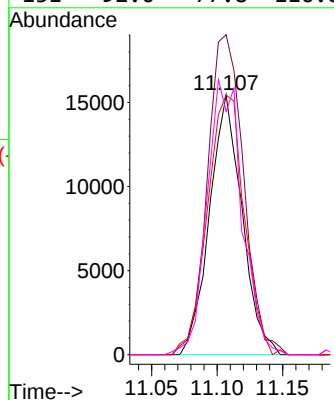
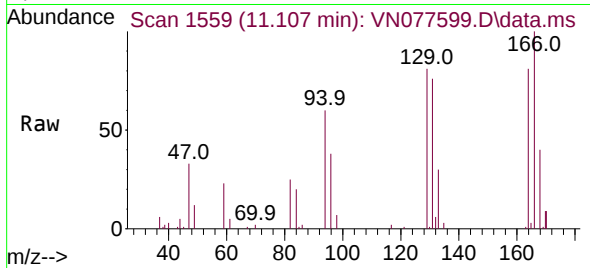




#61
Tetrachloroethene
Concen: 4.960 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

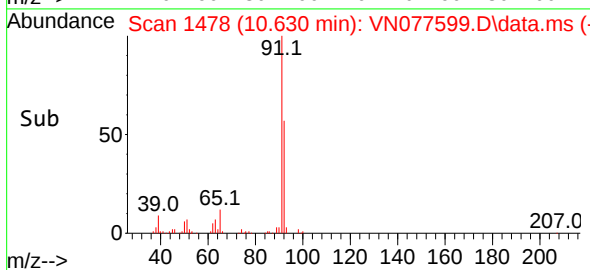
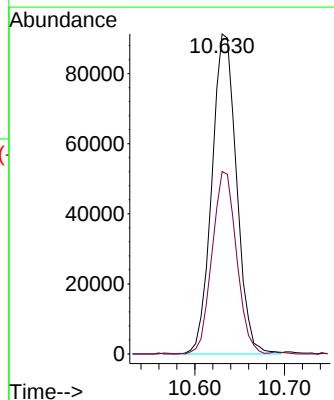
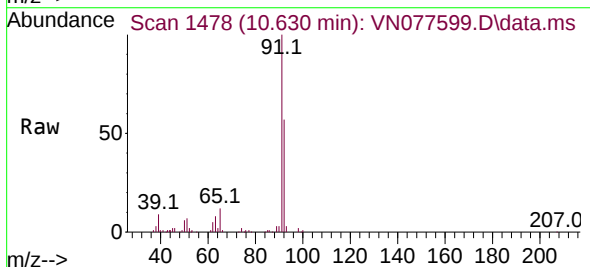
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

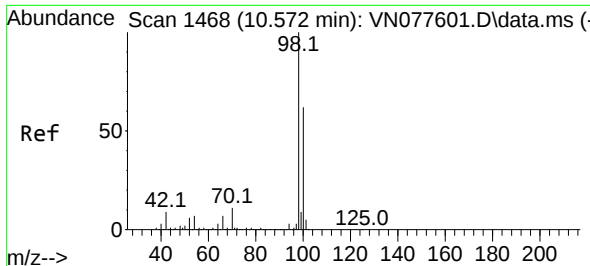
Tgt	Ion:164	Resp:	26624
Ion	Ratio	Lower	Upper
164	100		
166	120.2	100.5	150.7
129	98.0	80.6	120.8
131	92.0	77.8	116.8



#62
Toluene
Concen: 5.351 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91	Resp: 174736
Ion Ratio	Lower Upper
91 100	
92 56.3	47.0 70.6

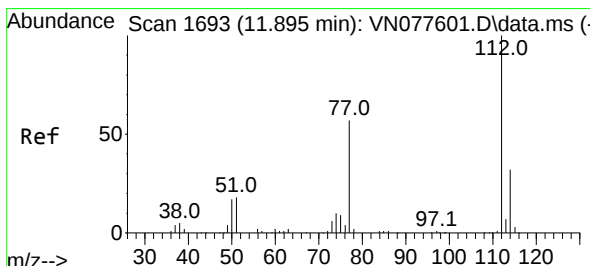
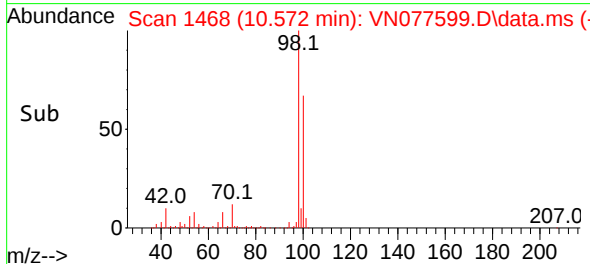
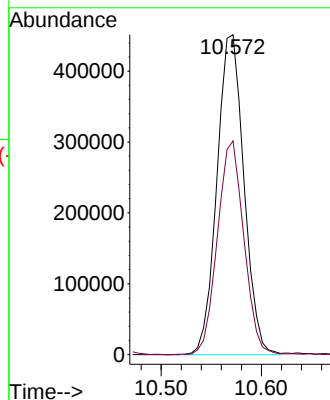
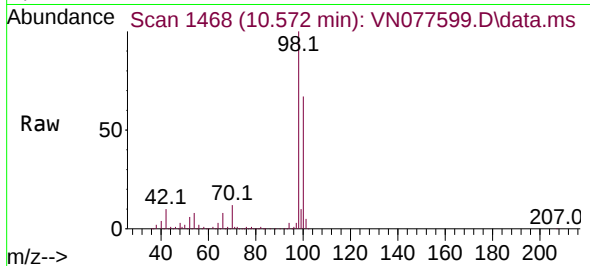




#63
Toluene-d8
Concen: 30.839 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

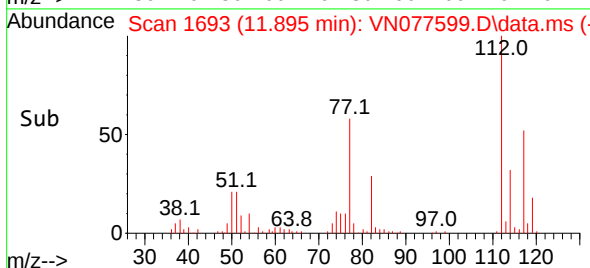
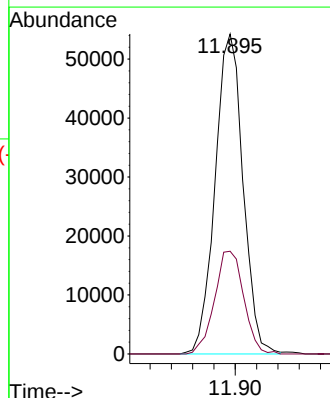
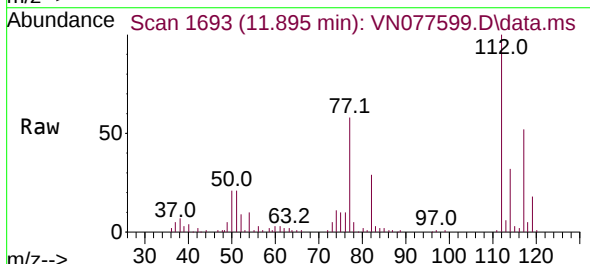
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

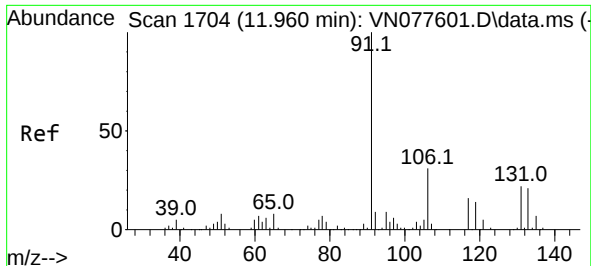
Tgt Ion: 98 Resp: 844240
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#64
Chlorobenzene
Concen: 5.092 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 112 Resp: 98600
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

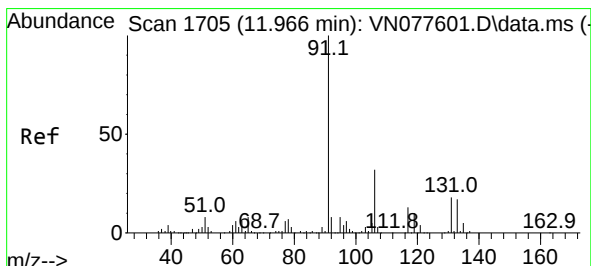
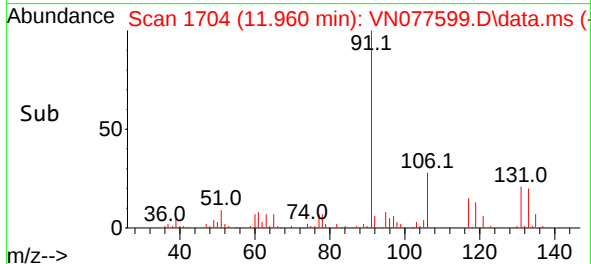
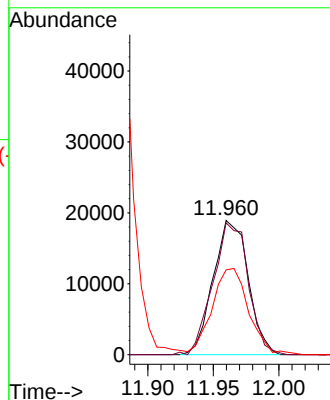
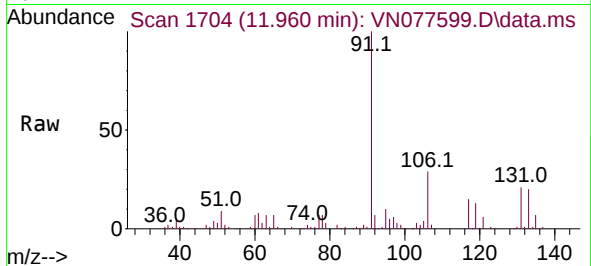




#65
1,1,1,2-Tetrachloroethane
Concen: 4.974 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

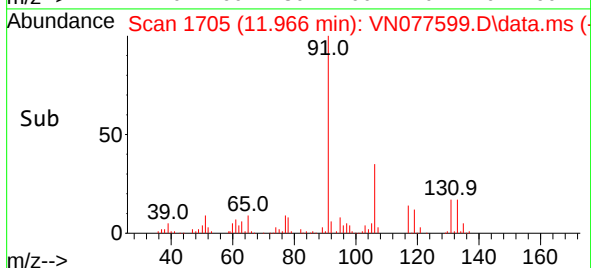
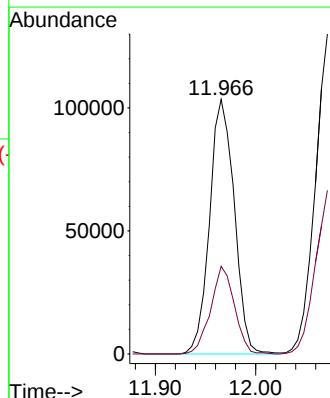
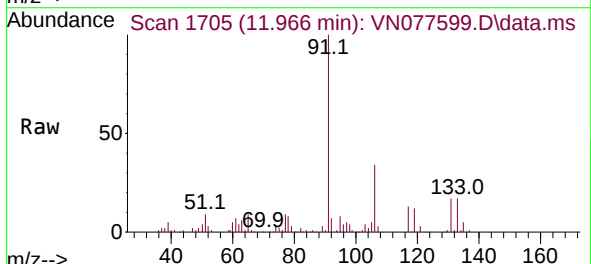
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

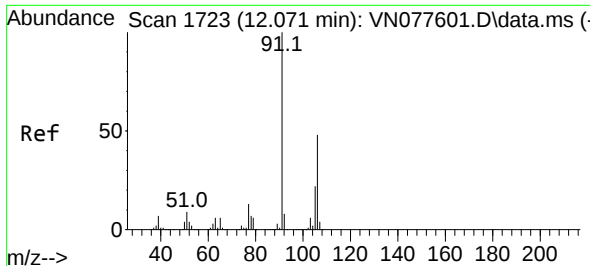
Tgt Ion:131 Resp: 35183
Ion Ratio Lower Upper
131 100
133 98.5 0.0 181.2
119 65.9 0.0 125.0



#66
Ethyl Benzene
Concen: 5.007 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91 Resp: 176827
Ion Ratio Lower Upper
91 100
106 34.5 25.7 38.5

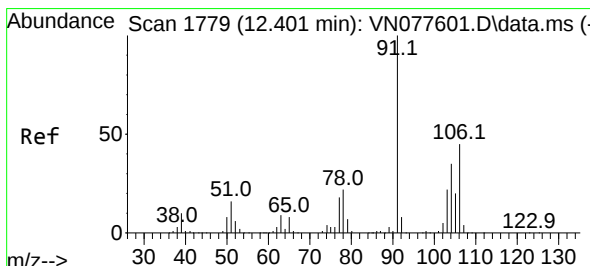
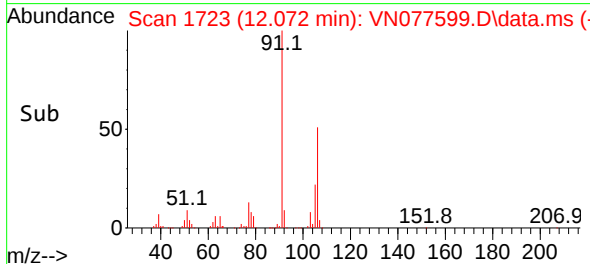
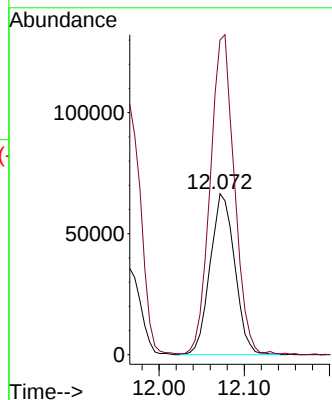
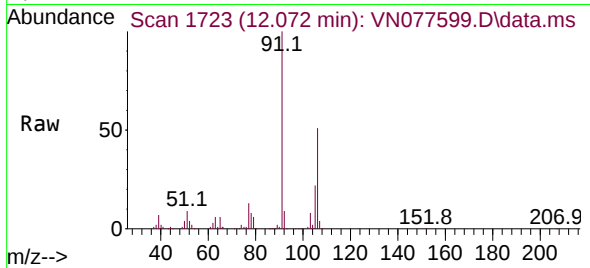




#67
m/p-Xylenes
Concen: 9.936 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

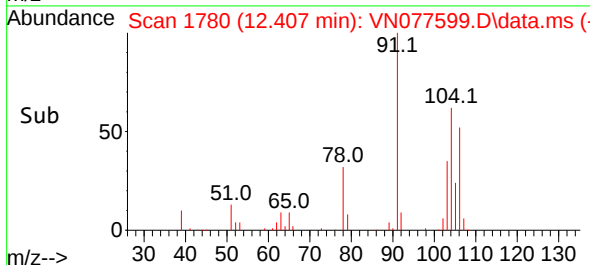
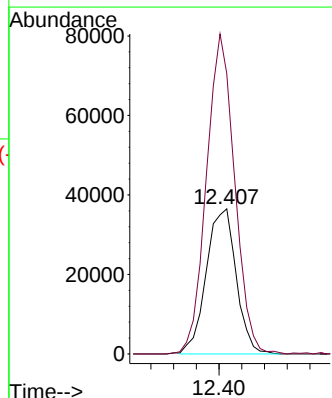
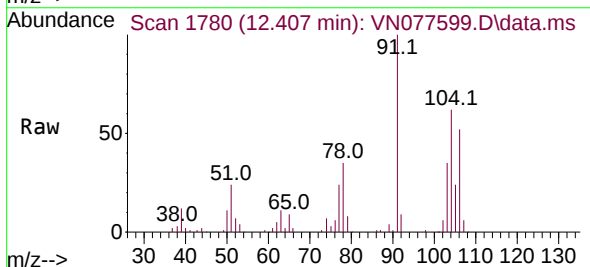
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

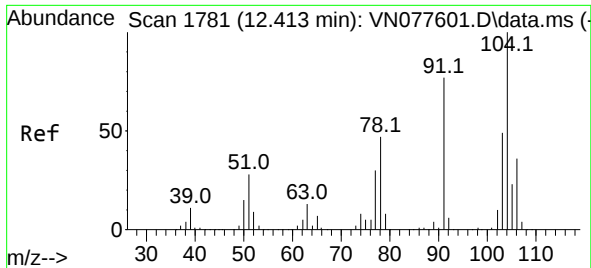
Tgt Ion:106 Resp: 133805
Ion Ratio Lower Upper
106 100
91 195.1 162.6 244.0



#68
o-Xylene
Concen: 4.988 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:106 Resp: 66847
Ion Ratio Lower Upper
106 100
91 207.7 109.5 328.4

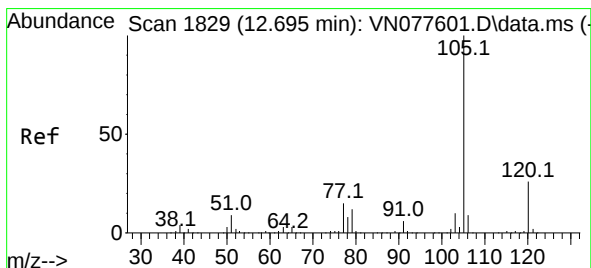
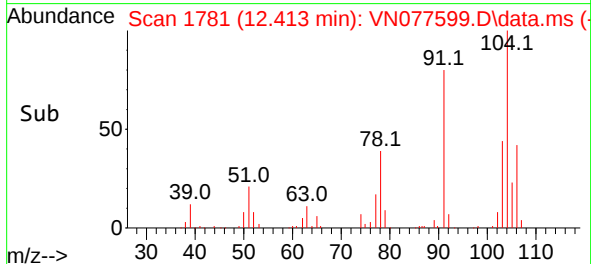
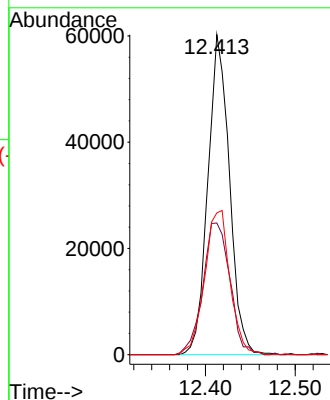
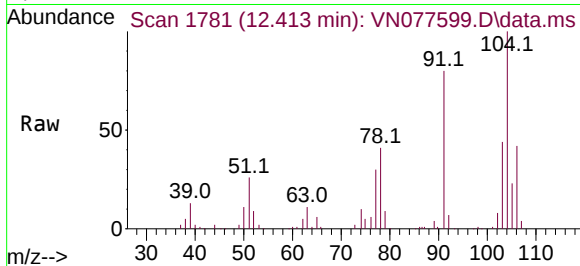




#69
Styrene
Concen: 4.778 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

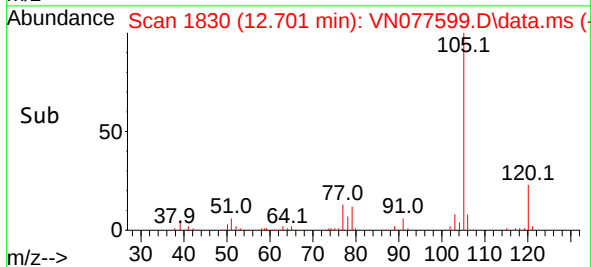
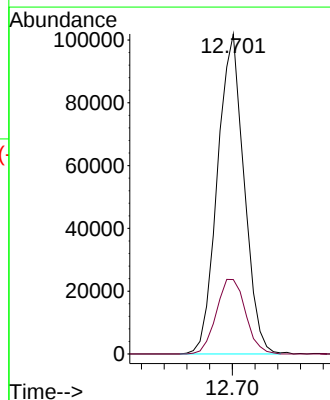
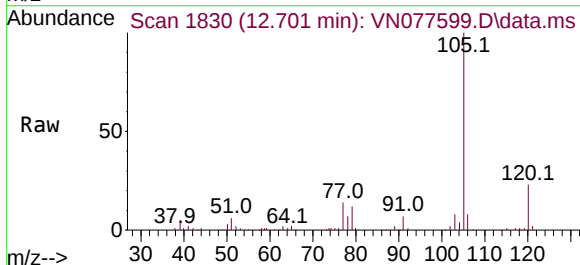
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

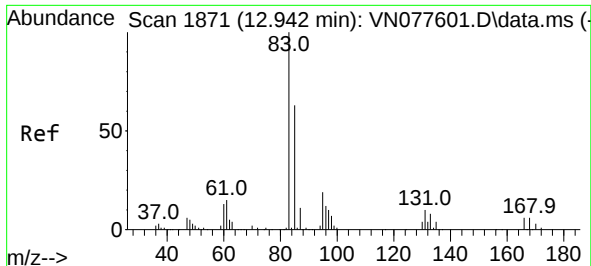
Tgt Ion:104 Resp: 100812
Ion Ratio Lower Upper
104 100
78 51.4 41.3 61.9
103 52.9 44.0 66.0



#70
Isopropylbenzene
Concen: 4.806 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:105 Resp: 165822
Ion Ratio Lower Upper
105 100
120 25.5 18.5 34.3

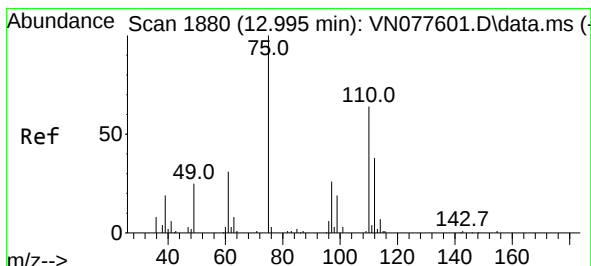
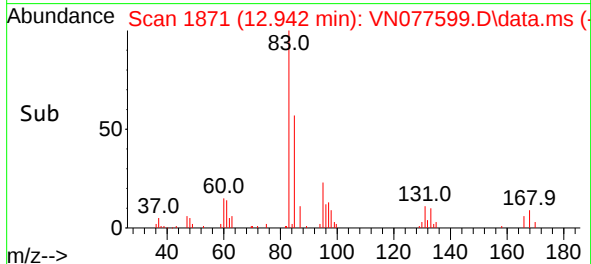
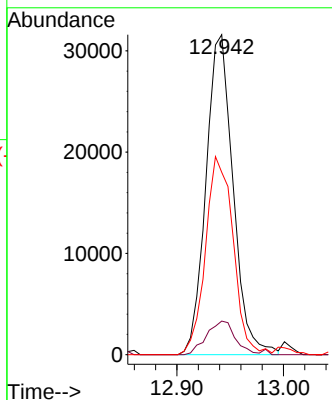
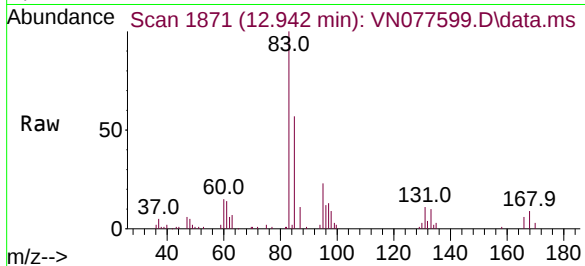




#71
1,1,2-Tetrachloroethane
Concen: 5.221 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

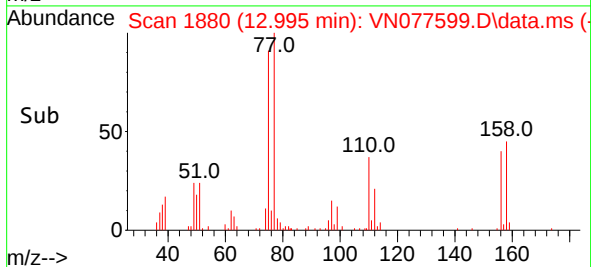
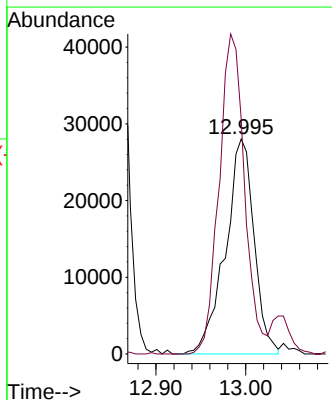
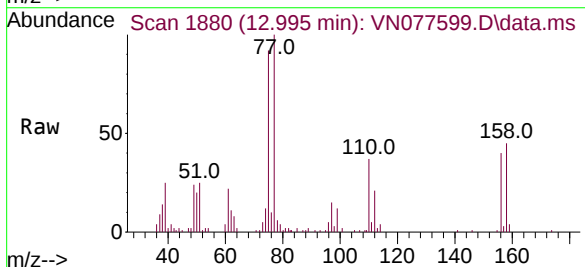
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

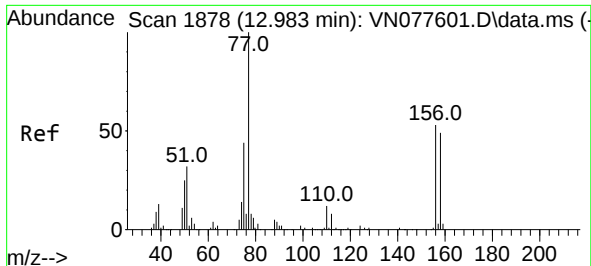
Tgt Ion: 83 Resp: 56019
Ion Ratio Lower Upper
83 100
131 11.1 4.8 14.3
85 63.0 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 6.743 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 75 Resp: 62293
Ion Ratio Lower Upper
75 100
77 132.3 0.0 354.6

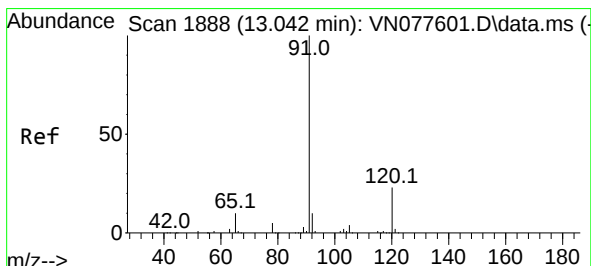
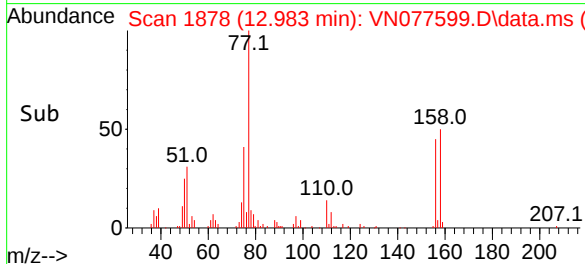
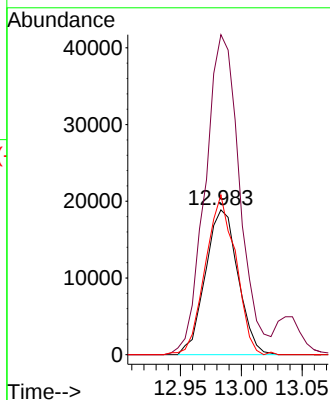
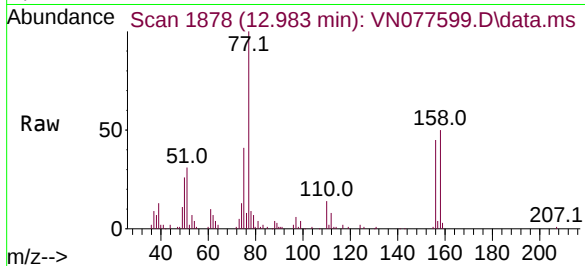




#73
Bromobenzene
Concen: 4.947 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

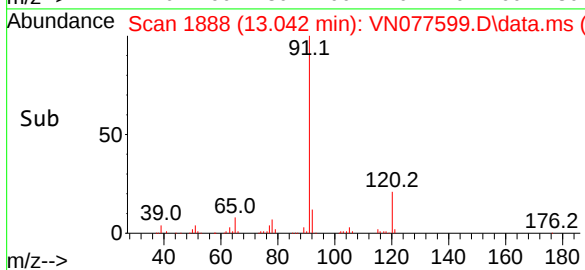
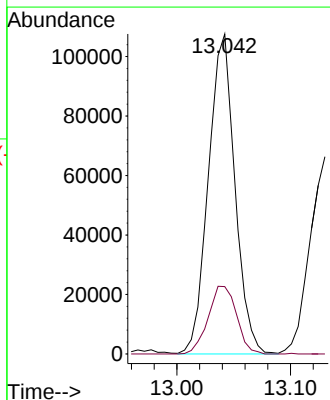
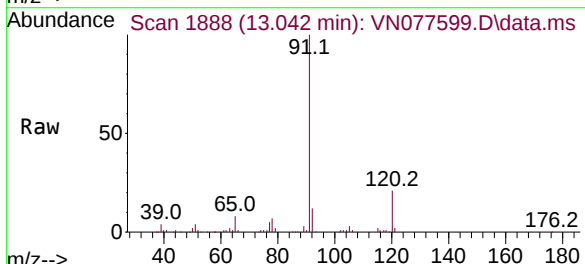
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

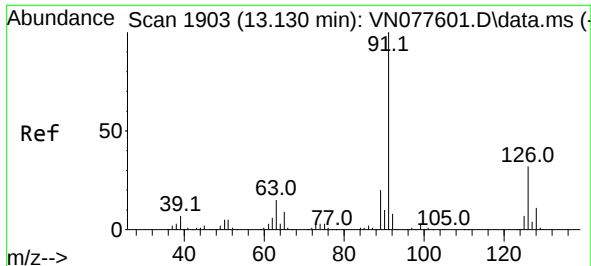
Tgt Ion:156 Resp: 35233
Ion Ratio Lower Upper
156 100
77 234.0 0.0 466.4
158 102.1 0.0 196.2



#74
n-propylbenzene
Concen: 4.560 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91 Resp: 174577
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6

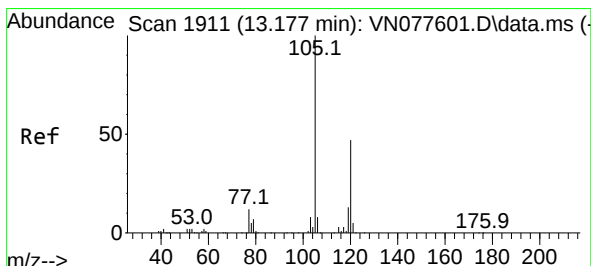
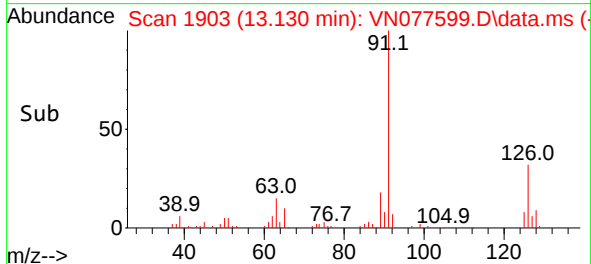
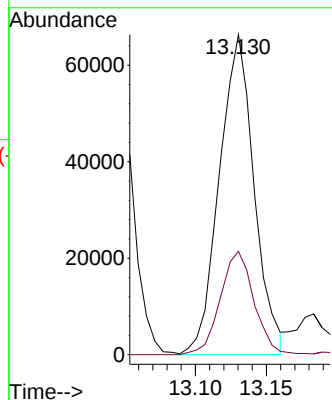
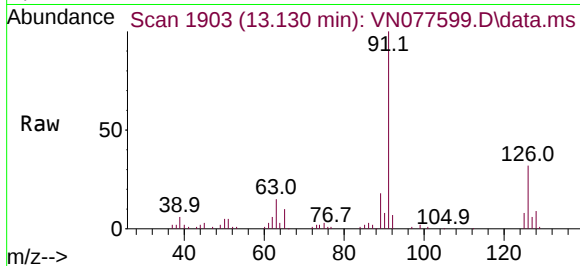




#75
2-Chlorotoluene
Concen: 4.729 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

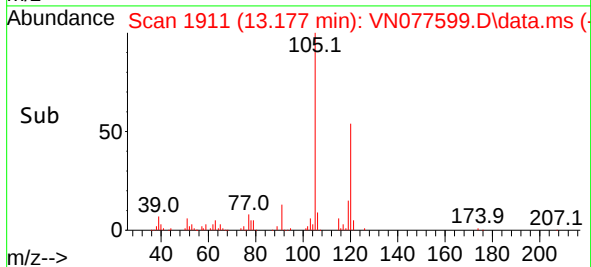
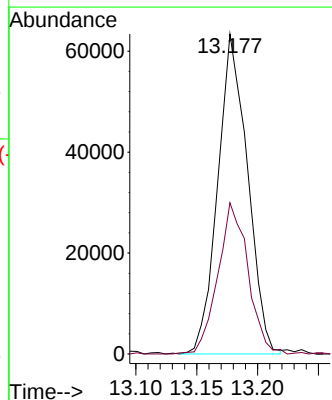
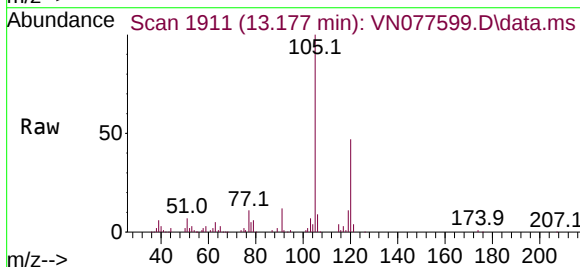
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

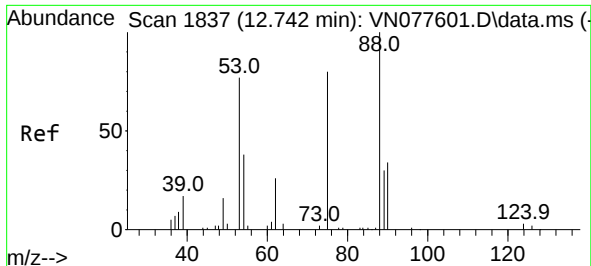
Tgt Ion: 91 Resp: 112719
Ion Ratio Lower Upper
91 100
126 31.4 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 4.038 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 105 Resp: 107872
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.2

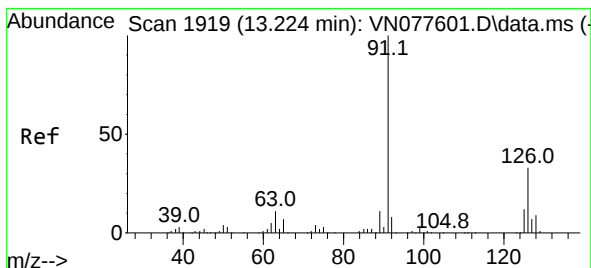
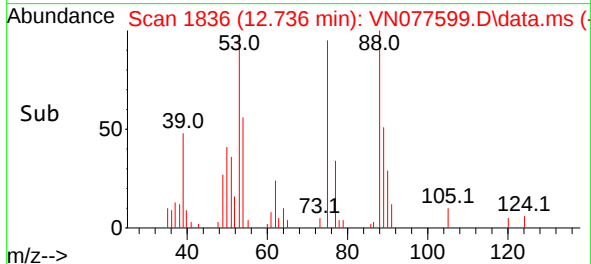
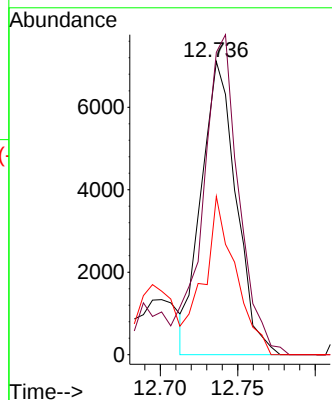
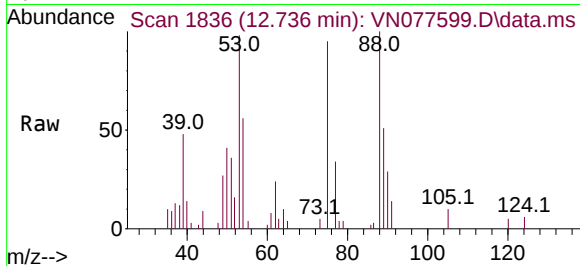




#77
t-1,4-Dichloro-2-butene
Concen: 3.972 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

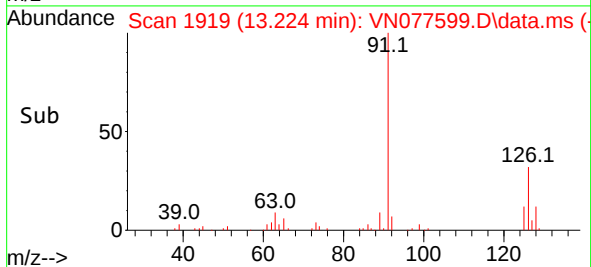
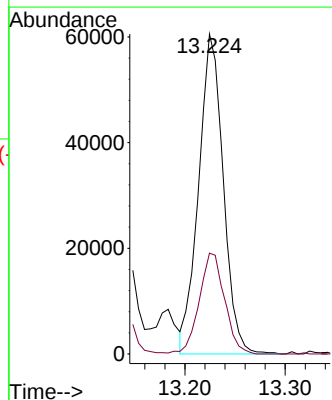
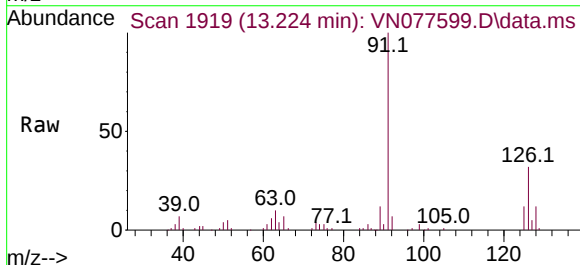
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

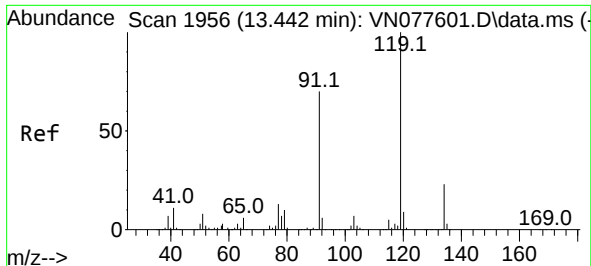
Tgt Ion: 75 Resp: 11121
Ion Ratio Lower Upper
75 100
53 100.7 46.9 140.7
89 54.0 21.0 63.0



#78
4-Chlorotoluene
Concen: 4.590 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91 Resp: 103466
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.6

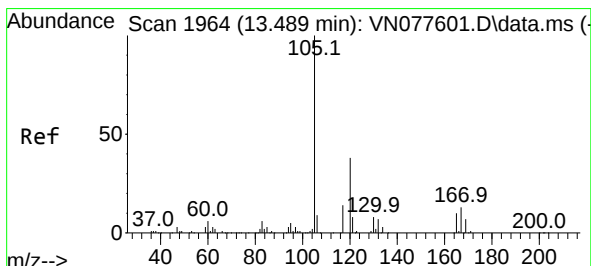
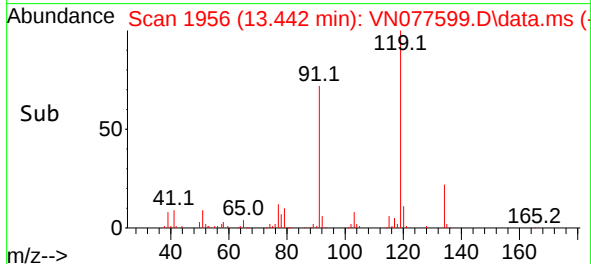
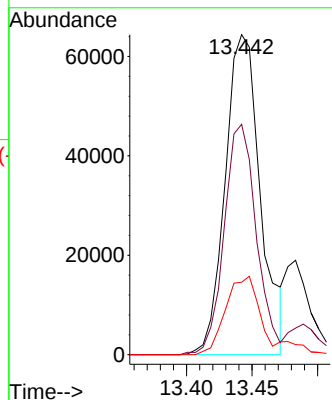
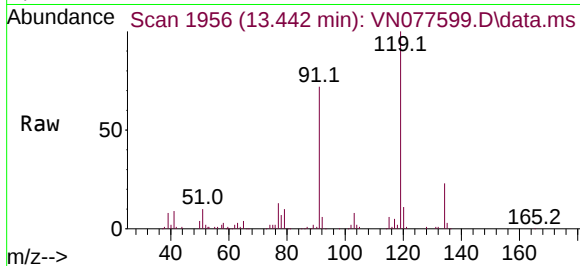




#79
tert-butylbenzene
Concen: 4.895 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

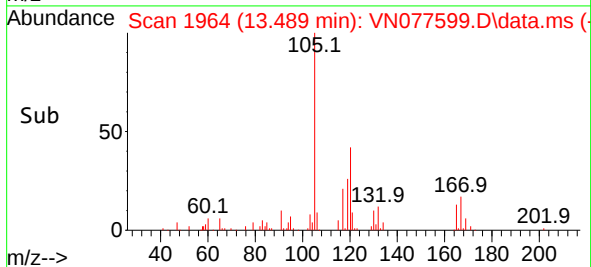
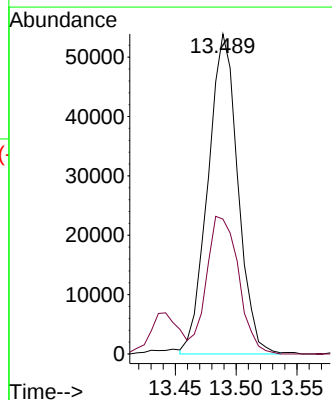
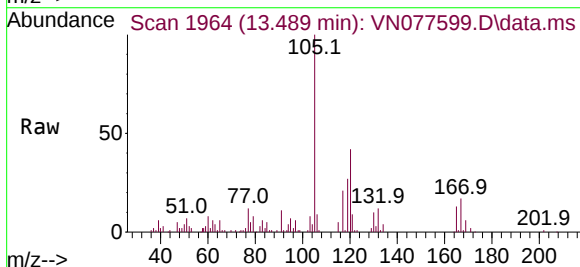
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

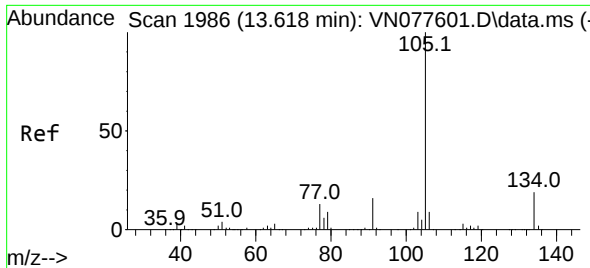
Tgt Ion:119 Resp: 120366
Ion Ratio Lower Upper
119 100
91 65.6 0.0 141.6
134 23.0 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 3.712 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:105 Resp: 92324
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.0

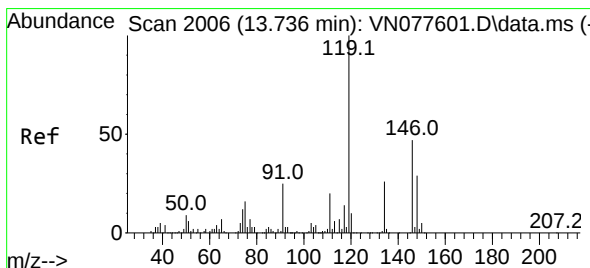
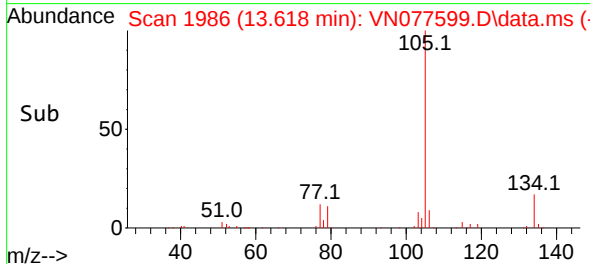
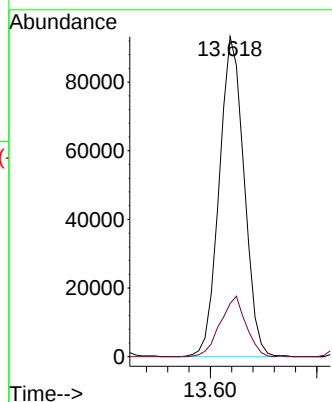
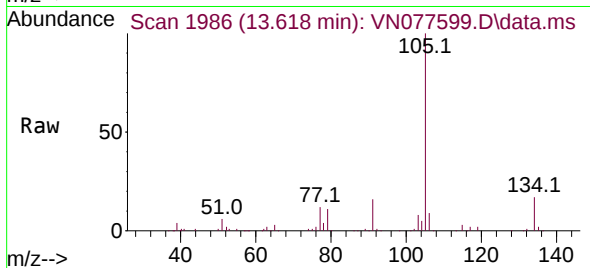




#81
 sec-Butylbenzene
 Concen: 4.425 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

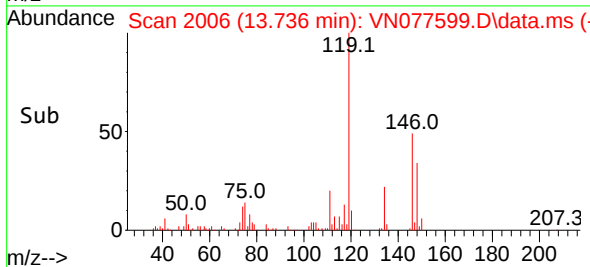
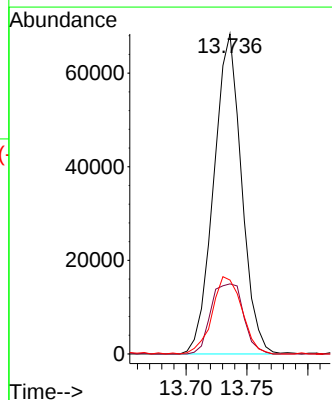
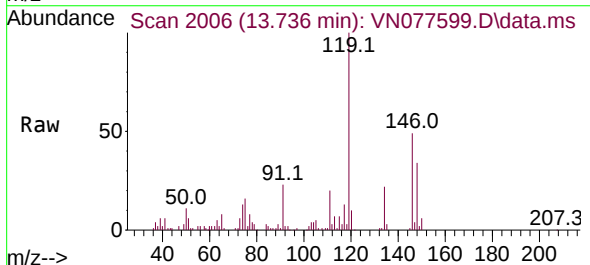
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

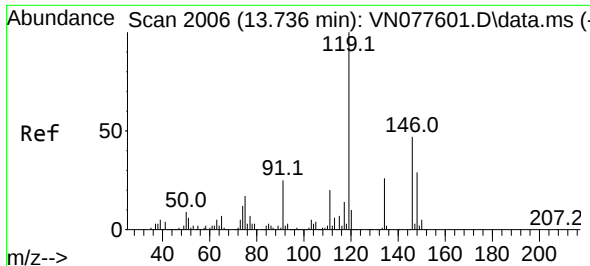
Tgt Ion:105 Resp: 151051
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 4.145 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Tgt Ion:119 Resp: 108767
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 25.8 0.0 51.2

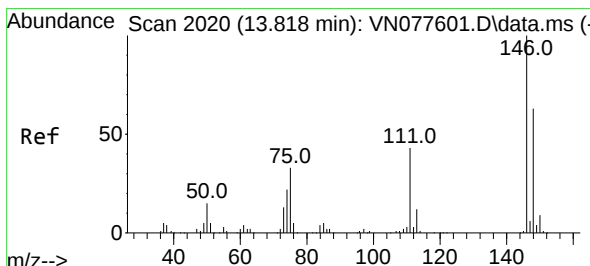
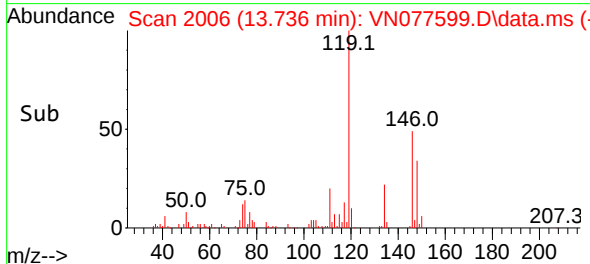
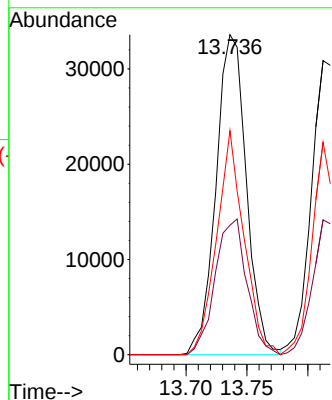
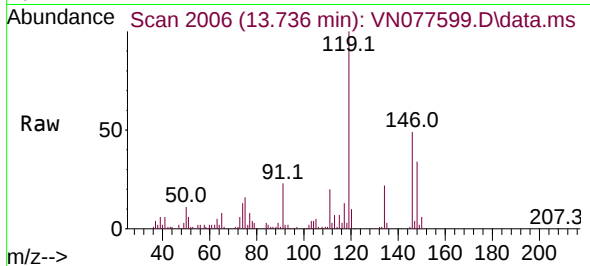




#83
1,3-Dichlorobenzene
Concen: 4.584 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

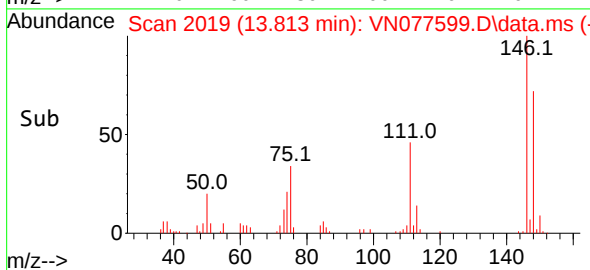
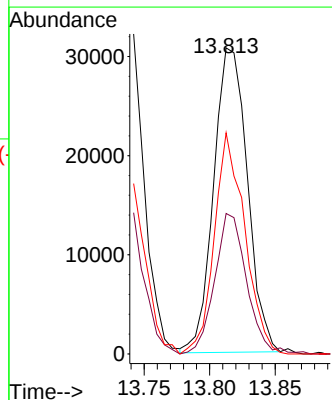
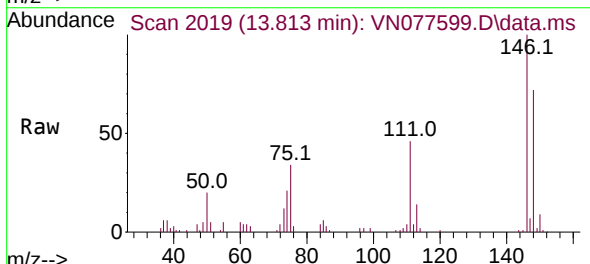
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

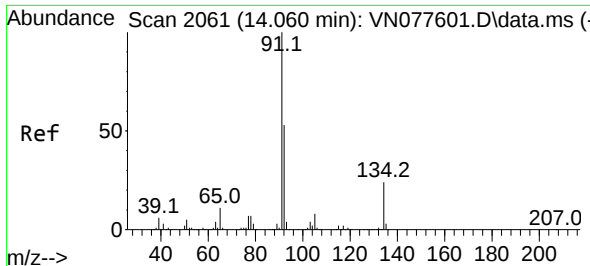
Tgt Ion:146 Resp: 58335
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.1
148 62.9 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 4.390 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:146 Resp: 54958
Ion Ratio Lower Upper
146 100
111 43.6 20.8 62.4
148 65.6 31.1 93.5

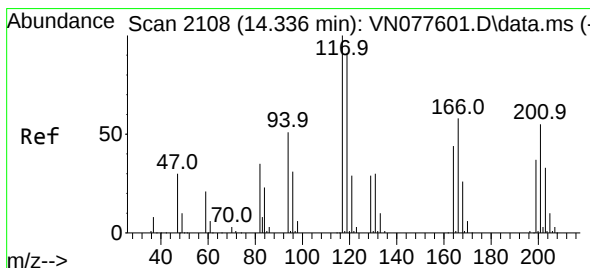
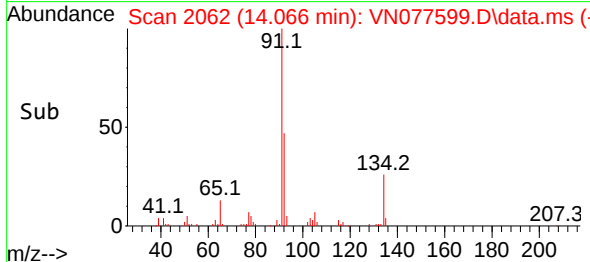
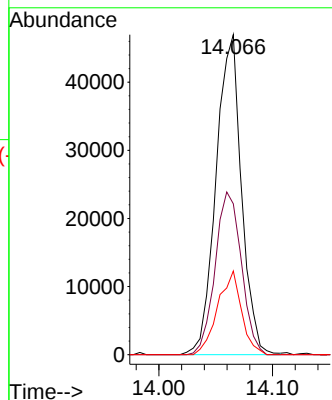
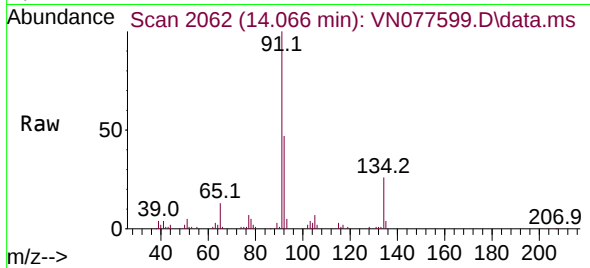




#85
n-Butylbenzene
Concen: 3.544 ug/l
RT: 14.066 min Scan# 2061
Delta R.T. 0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

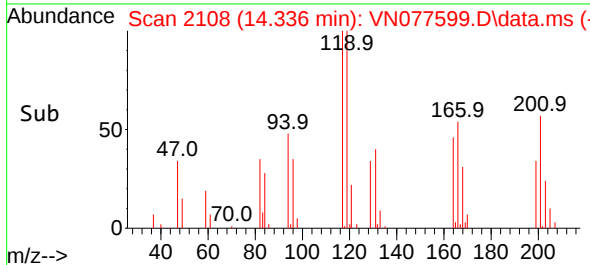
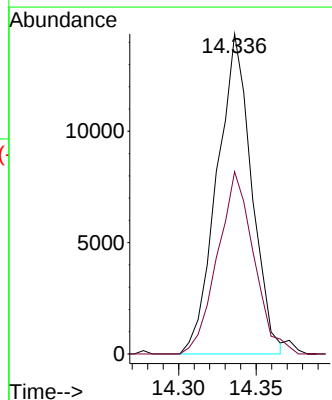
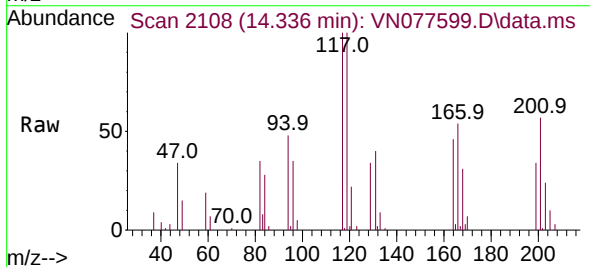
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

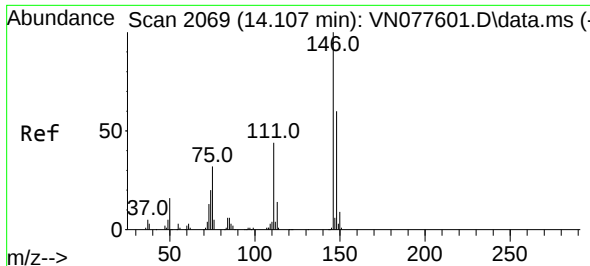
Tgt Ion: 91 Resp: 73086
Ion Ratio Lower Upper
91 100
92 52.5 0.0 107.0
134 24.5 0.0 50.2



#86
Hexachloroethane
Concen: 4.345 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 117 Resp: 22288
Ion Ratio Lower Upper
117 100
201 59.7 28.1 84.4

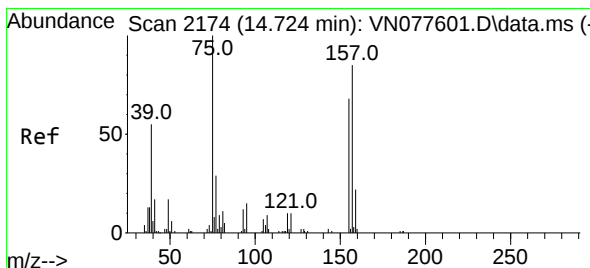
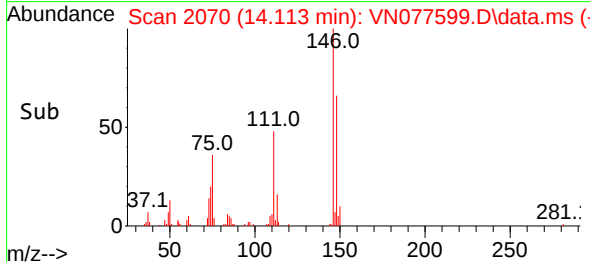
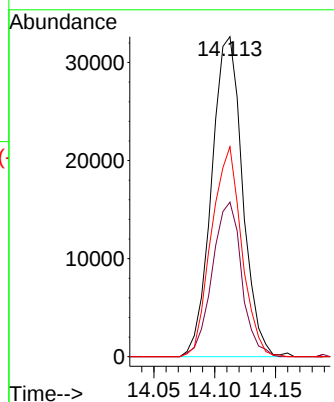
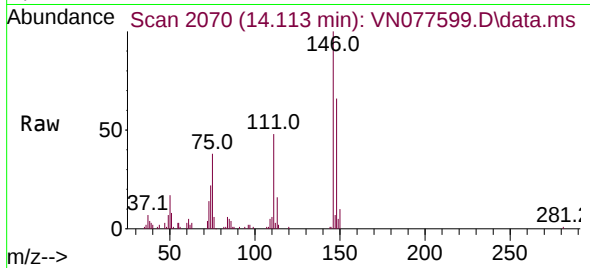




#87
 1,2-Dichlorobenzene
 Concen: 4.478 ug/l
 RT: 14.113 min Scan# 2069
 Delta R.T. 0.006 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

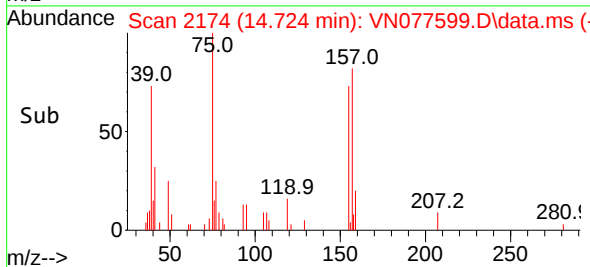
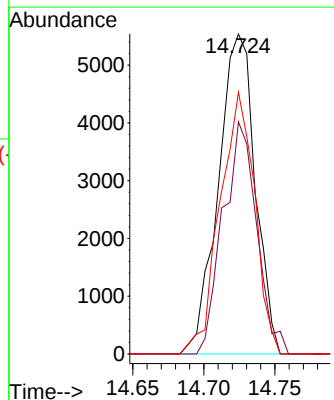
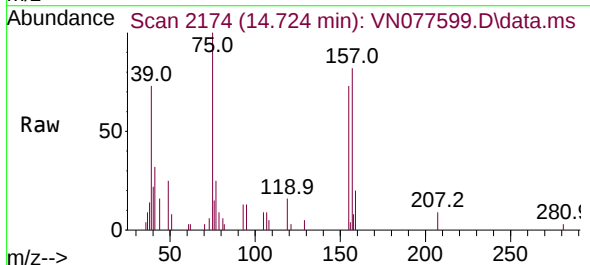
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

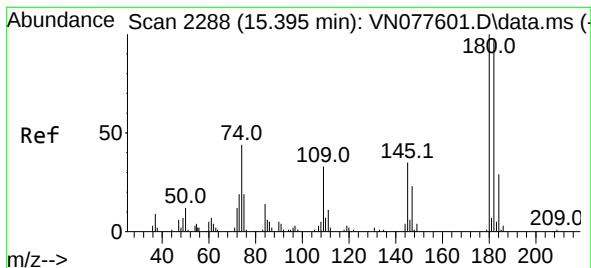
Tgt Ion:146 Resp: 57570
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.7 68.0
 148 64.2 31.0 93.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.930 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Tgt Ion: 75 Resp: 10029
 Ion Ratio Lower Upper
 75 100
 155 66.0 63.1 94.7
 157 75.0 75.5 113.3#





#89

1,2,4-Trichlorobenzene

Concen: 7.665 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

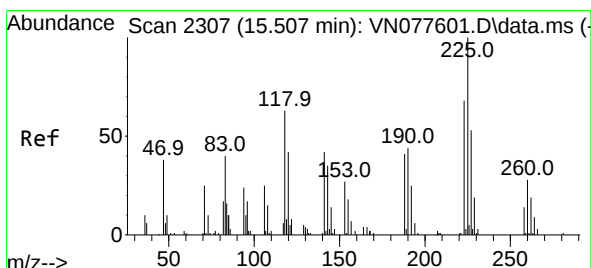
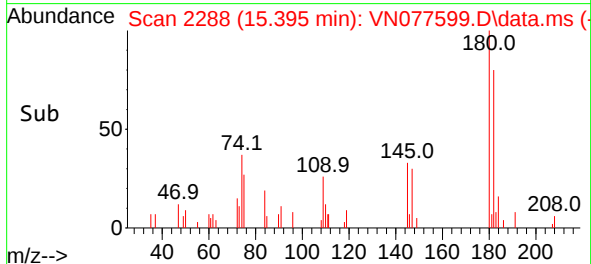
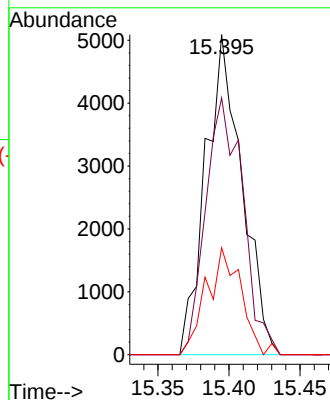
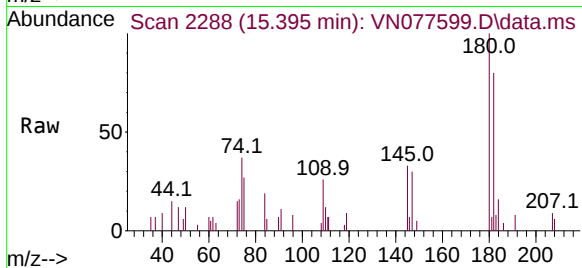
Tgt Ion:180 Resp: 9063

Ion Ratio Lower Upper

180 100

182 81.9 75.1 112.7

145 31.1 28.6 43.0



#90

Hexachlorobutadiene

Concen: 4.912 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

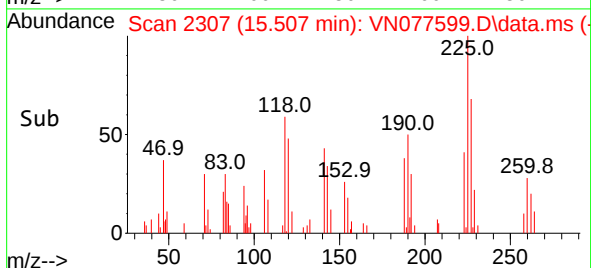
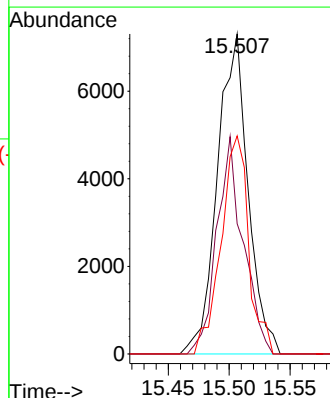
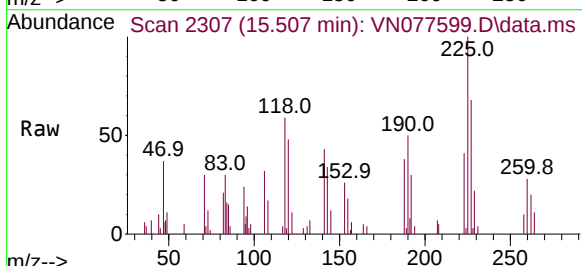
Tgt Ion:225 Resp: 12780

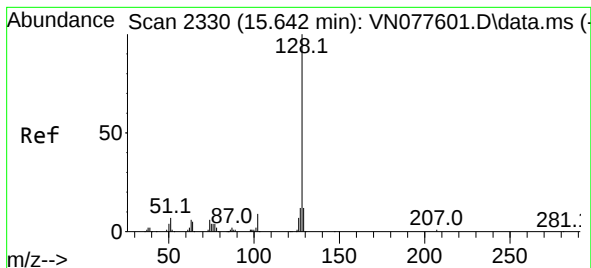
Ion Ratio Lower Upper

225 100

223 58.5 0.0 132.2

227 61.3 0.0 116.2





#91

Naphthalene

Concen: 7.773 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

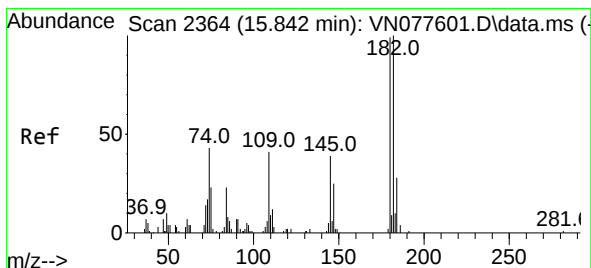
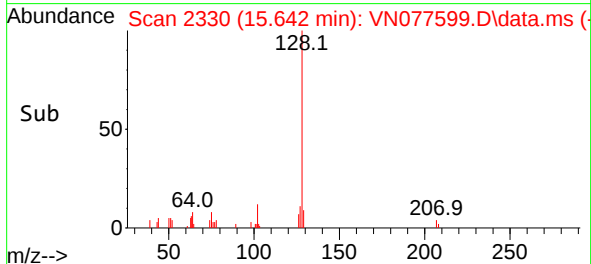
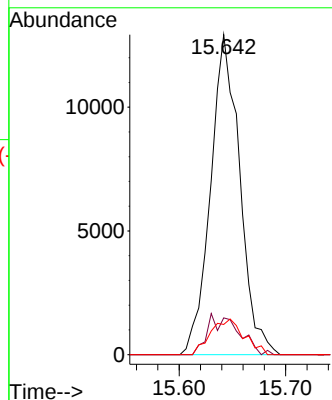
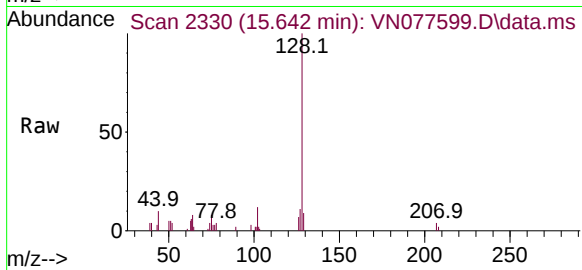
Tgt Ion:128 Resp: 24618

Ion Ratio Lower Upper

128 100

127 8.0 9.6 14.4#

129 12.9 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 7.361 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Tgt Ion:180 Resp: 7938

Ion Ratio Lower Upper

180 100

182 93.0 0.0 193.4

145 16.8 0.0 78.6

