

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080598.D
 Acq On : 27 Dec 2023 12:59
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 02:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	469700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	833824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	648721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	31116	5.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.320%#
35) Dibromofluoromethane	8.171	113	28370	5.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.520%#
50) Toluene-d8	10.565	98	99737	5.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.600%#
62) 4-Bromofluorobenzene	12.847	95	28764	4.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.080%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28207	5.406	ug/l	94
3) Chloromethane	2.359	50	40042	5.744	ug/l	98
4) Vinyl Chloride	2.512	62	32444	5.588	ug/l	98
5) Bromomethane	2.947	94	12848	5.823	ug/l	87
6) Chloroethane	3.112	64	18004	4.967	ug/l	99
7) Trichlorofluoromethane	3.500	101	44484	5.366	ug/l	99
8) Diethyl Ether	3.965	74	14807	5.201	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	23189	5.124	ug/l #	68
10) Methyl Iodide	4.588	142	15928	5.094	ug/l	93
11) Tert butyl alcohol	5.512	59	20932	25.824	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	23486	5.410	ug/l	95
13) Acrolein	4.177	56	25022	27.303	ug/l	95
14) Allyl chloride	5.018	41	32368	4.911	ug/l	94
15) Acrylonitrile	5.718	53	54508	23.578	ug/l	97
16) Acetone	4.424	43	44837	27.377	ug/l	100
17) Carbon Disulfide	4.712	76	65880	5.643	ug/l #	95
18) Methyl Acetate	5.030	43	41724	4.595	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	75034	4.801	ug/l	98
20) Methylene Chloride	5.271	84	26571	5.085	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	27547	5.252	ug/l	98
22) Diisopropyl ether	6.671	45	78822	5.385	ug/l #	93
23) Vinyl Acetate	6.606	43	235185	28.590	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	54113	5.515	ug/l	96
25) 2-Butanone	7.482	43	87786	28.678	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	45777	5.360	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	34350	5.506	ug/l	90
28) Bromochloromethane	7.818	49	25811	5.658	ug/l #	80
29) Tetrahydrofuran	7.841	42	55868	27.985	ug/l #	82
30) Chloroform	7.971	83	55963	5.681	ug/l	98
31) Cyclohexane	8.259	56	45536	5.586	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	48318	5.440	ug/l	94
36) 1,1-Dichloropropene	8.376	75	38654	4.657	ug/l	95
37) Ethyl Acetate	7.565	43	26155	4.176	ug/l	97
38) Carbon Tetrachloride	8.365	117	37924	4.467	ug/l	96
39) Methylcyclohexane	9.606	83	32743	4.810	ug/l	87
40) Benzene	8.606	78	126178	5.546	ug/l	99

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 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 28 02:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 01:54:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20906	5.481	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	38123	4.957	ug/l	98
43) Isopropyl Acetate	8.688	43	53706	5.291	ug/l #	96
44) Trichloroethene	9.353	130	31073	5.016	ug/l	93
45) 1,2-Dichloropropane	9.623	63	27097	4.804	ug/l	99
46) Dibromomethane	9.706	93	21317	5.617	ug/l	89
47) Bromodichloromethane	9.888	83	39911	5.017	ug/l	98
48) Methyl methacrylate	9.682	41	30277	5.372	ug/l #	84
49) 1,4-Dioxane	9.694	88	9936	110.295	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	161143	27.911	ug/l	95
52) Toluene	10.629	92	76085	5.766	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	39112	4.877	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	50249	5.598	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	26613	5.084	ug/l	96
56) Ethyl methacrylate	10.876	69	24938	4.864	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	44141	4.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	89112	24.611	ug/l	95
59) 2-Hexanone	11.194	43	118510	27.235	ug/l	92
60) Dibromochloromethane	11.359	129	28693	4.923	ug/l	96
61) 1,2-Dibromoethane	11.470	107	27353	5.183	ug/l	96
64) Tetrachloroethene	11.106	164	22590	5.211	ug/l	92
65) Chlorobenzene	11.894	112	70702	5.239	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	26130	5.034	ug/l	95
67) Ethyl Benzene	11.964	91	115724	5.129	ug/l	100
68) m/p-Xylenes	12.076	106	84747	10.123	ug/l	97
69) o-Xylene	12.400	106	41680	5.069	ug/l	99
70) Styrene	12.412	104	58389	4.884	ug/l	98
71) Bromoform	12.582	173	18713	5.096	ug/l #	97
73) Isopropylbenzene	12.700	105	100009	5.274	ug/l	100
74) N-amyl acetate	12.500	43	35562	5.316	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	36563	5.588	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	45063	7.563	ug/l	73
77) Bromobenzene	12.982	156	26184	5.199	ug/l	94
78) n-propylbenzene	13.035	91	113360	5.228	ug/l	96
79) 2-Chlorotoluene	13.129	91	73262	5.176	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	79465	4.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11502	5.229	ug/l #	58
82) 4-Chlorotoluene	13.223	91	75689	5.228	ug/l	100
83) tert-Butylbenzene	13.441	119	66279	4.953	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	81994	5.058	ug/l	99
85) sec-Butylbenzene	13.617	105	87707	4.953	ug/l	99
86) p-Isopropyltoluene	13.729	119	74895	5.102	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	47008	5.179	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	47590	5.216	ug/l	94
89) n-Butylbenzene	14.058	91	62552	4.727	ug/l	99
90) Hexachloroethane	14.335	117	13930	5.040	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	44955	5.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6882	5.096	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	23816	5.153	ug/l	95
94) Hexachlorobutadiene	15.500	225	11907	4.992	ug/l	98
95) Naphthalene	15.641	128	69538	4.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	22598	4.836	ug/l	99

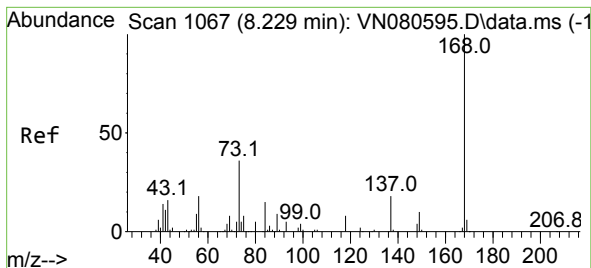
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
Data File : VN080598.D
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Operator : JC\MD
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Thu Dec 28 01:54:24 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

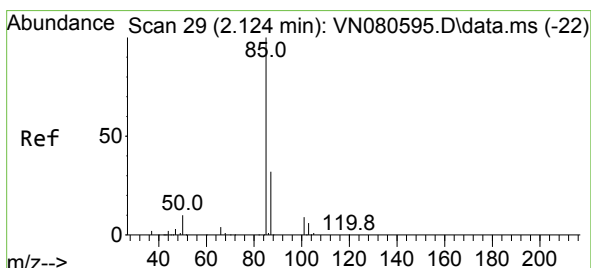
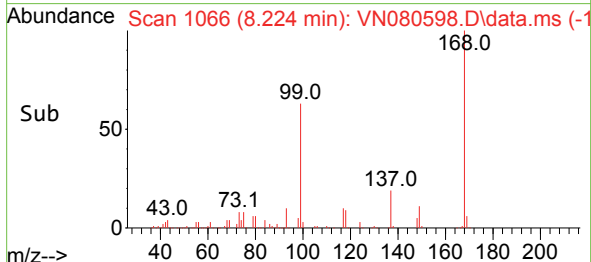
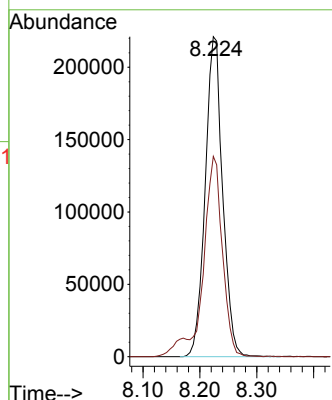
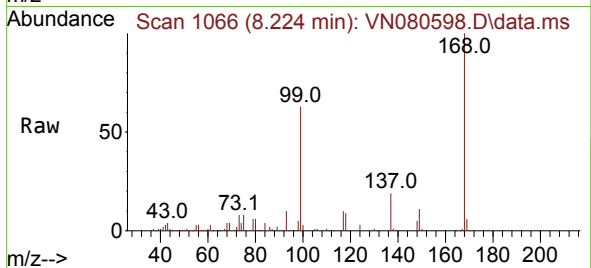
VSTDICC005

Tgt Ion:168 Resp: 469700

Ion Ratio Lower Upper

168 100

99 62.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 5.406 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080598.D

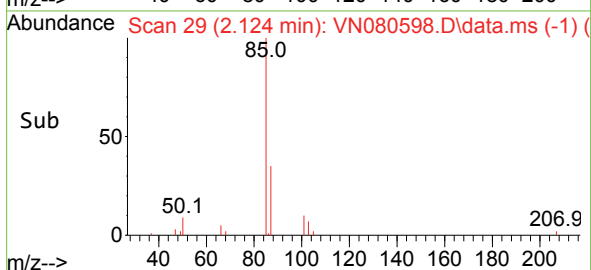
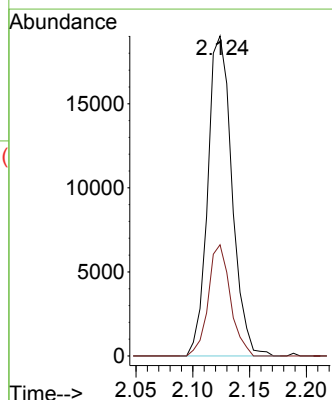
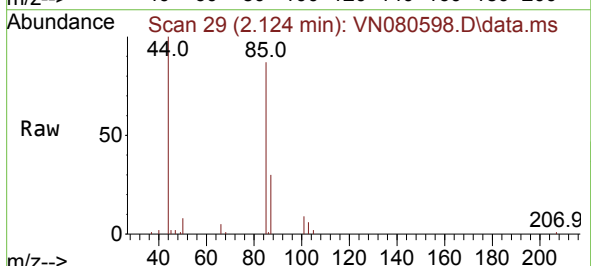
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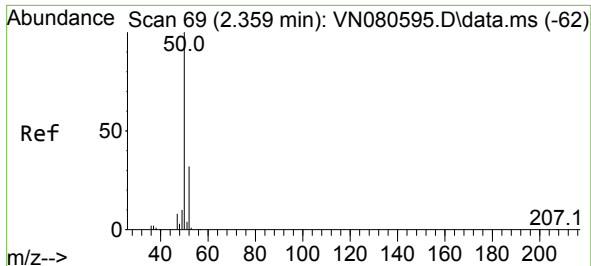
Tgt Ion: 85 Resp: 28207

Ion Ratio Lower Upper

85 100

87 34.8 15.8 47.4

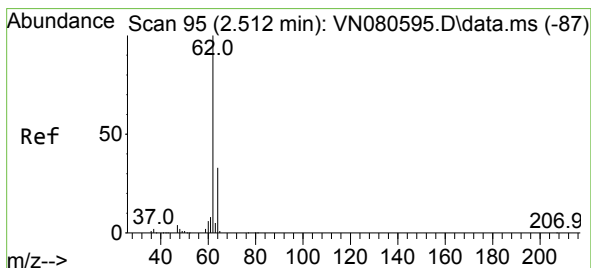
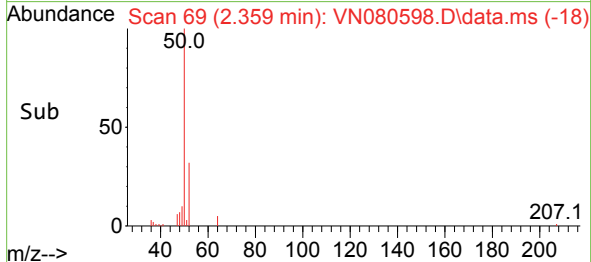
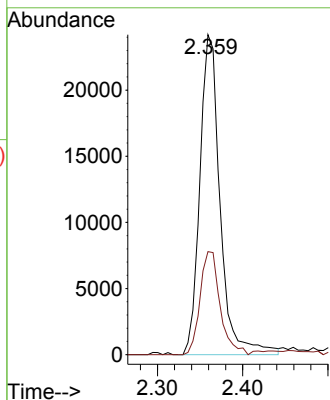
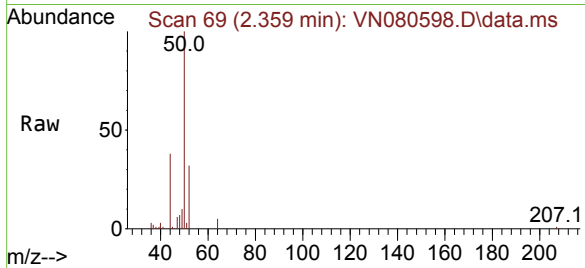




#3
Chloromethane
Concen: 5.744 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

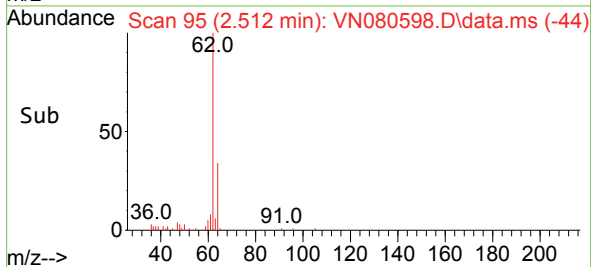
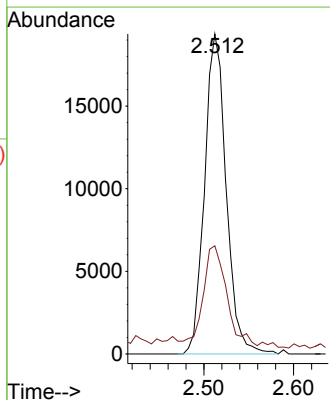
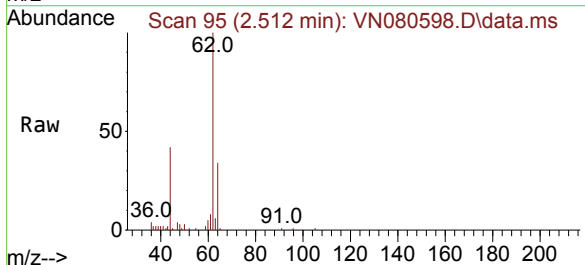
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

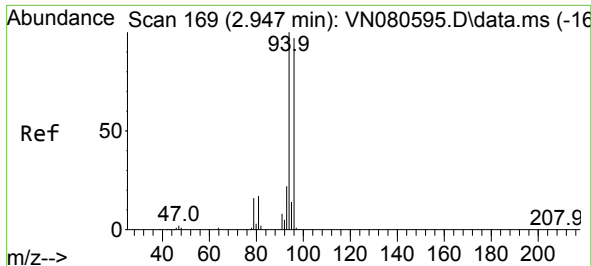
Tgt Ion: 50 Resp: 40042
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 5.588 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 62 Resp: 32444
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

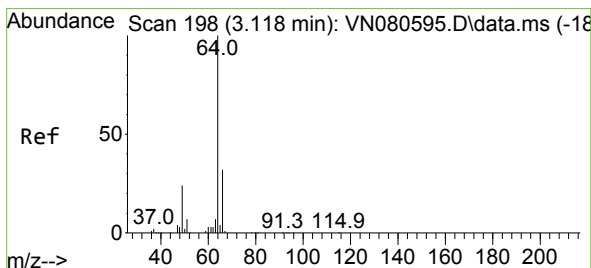
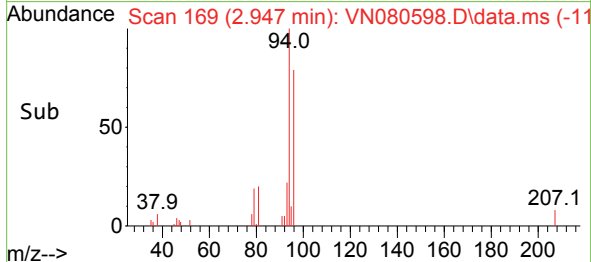
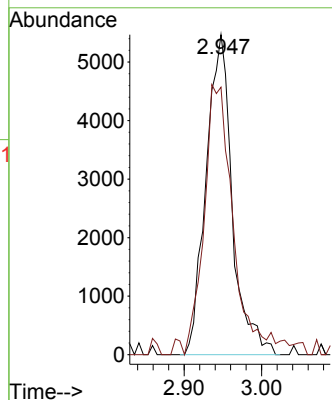
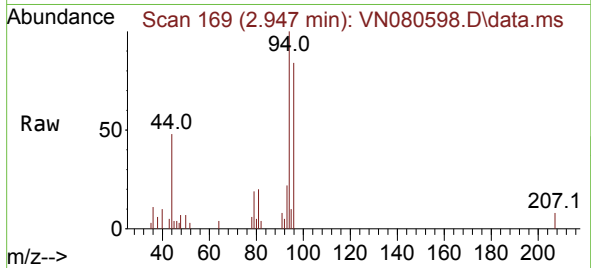




#5
Bromomethane
Concen: 5.823 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

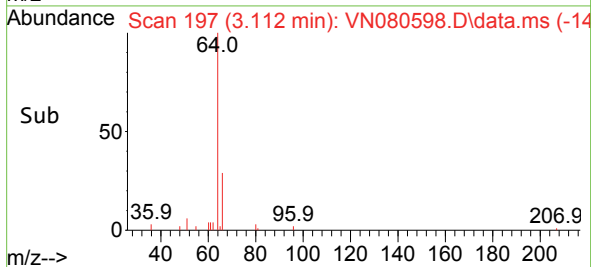
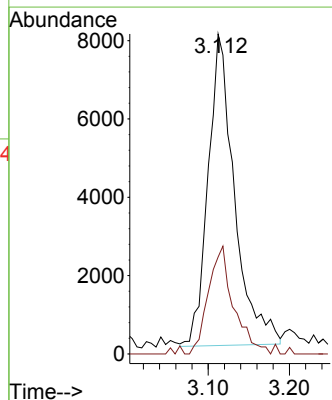
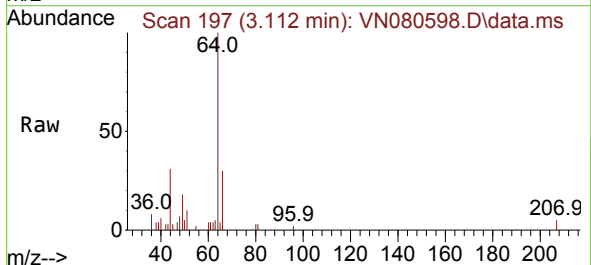
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

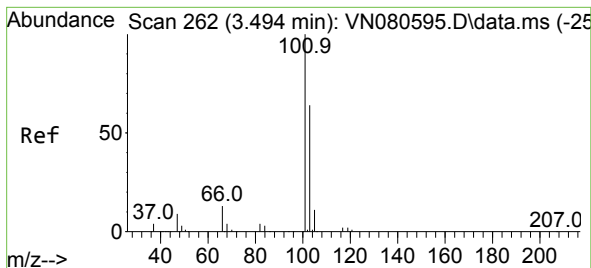
Tgt Ion: 94 Resp: 12848
Ion Ratio Lower Upper
94 100
96 79.3 73.1 109.7



#6
Chloroethane
Concen: 4.967 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 64 Resp: 18004
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





#7

Trichlorofluoromethane

Concen: 5.366 ug/l

RT: 3.500 min Scan# 2

Delta R.T. 0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

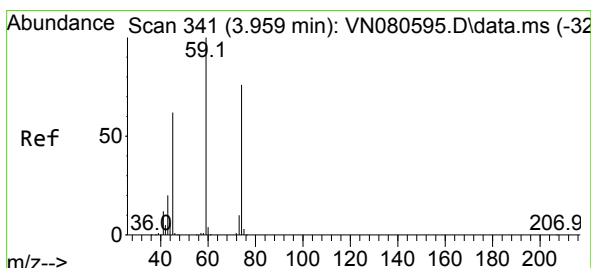
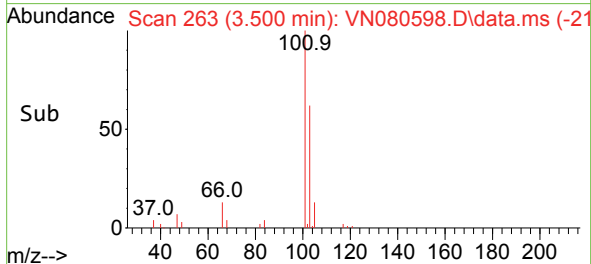
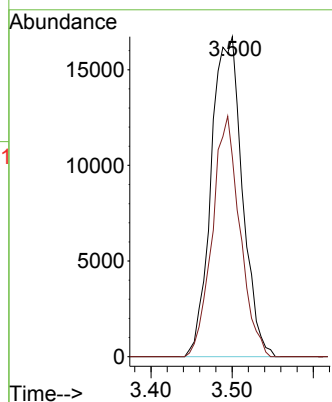
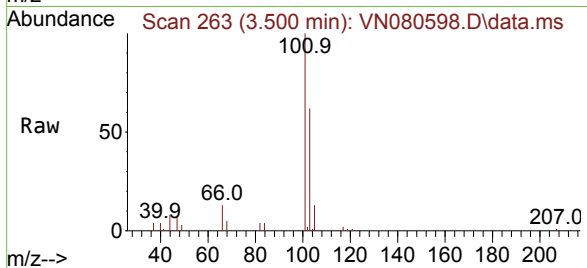
VSTDIC005

Tgt Ion:101 Resp: 44484

Ion Ratio Lower Upper

101 100

103 62.4 50.7 76.1



#8

Diethyl Ether

Concen: 5.201 ug/l

RT: 3.965 min Scan# 342

Delta R.T. 0.006 min

Lab File: VN080598.D

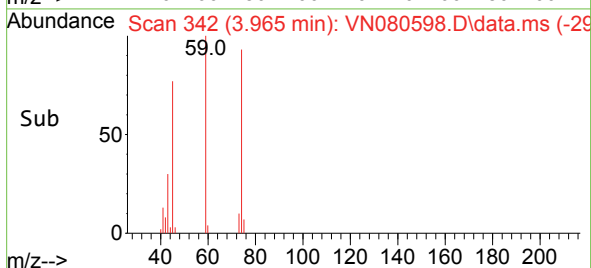
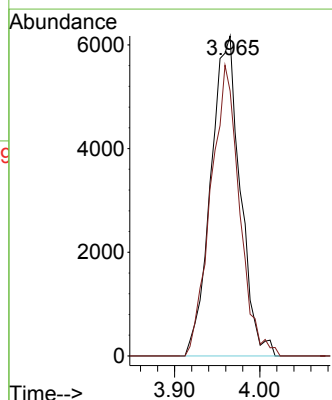
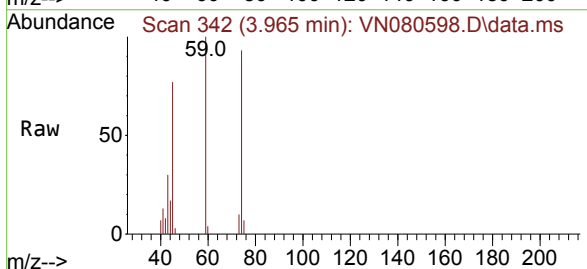
Acq: 27 Dec 2023 12:59

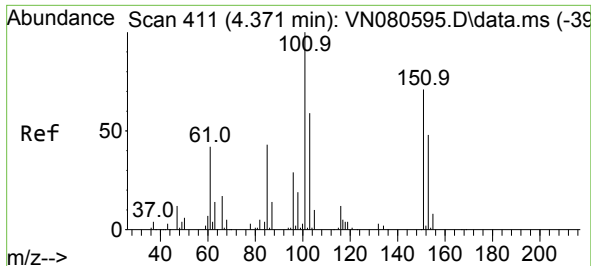
Tgt Ion: 74 Resp: 14807

Ion Ratio Lower Upper

74 100

45 88.8 34.4 103.3

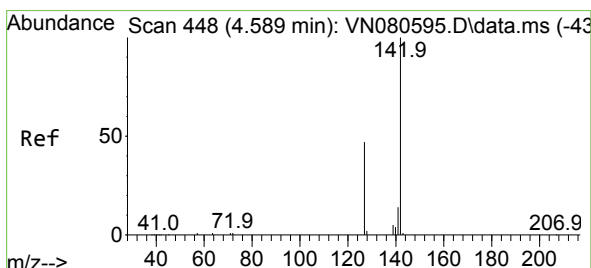
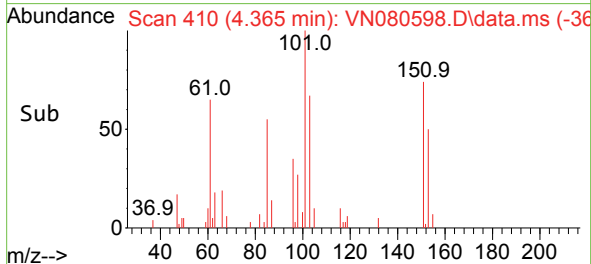
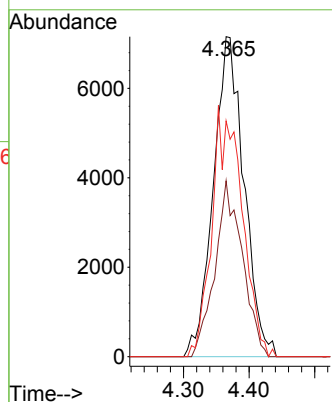
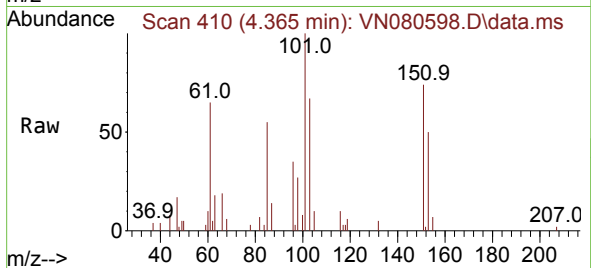




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.124 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080598.D
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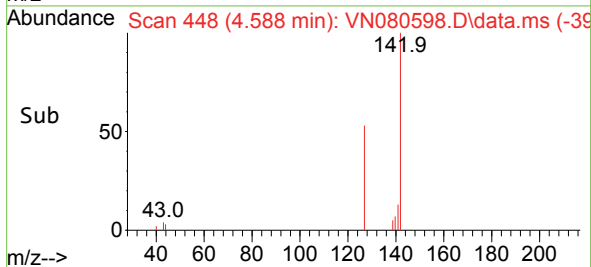
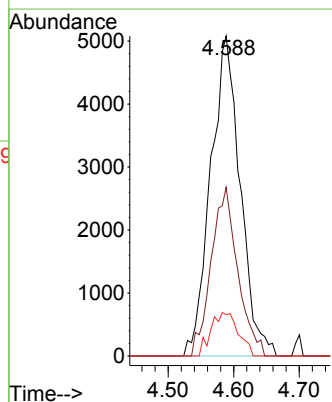
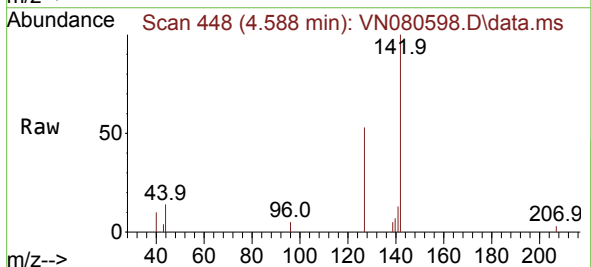
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

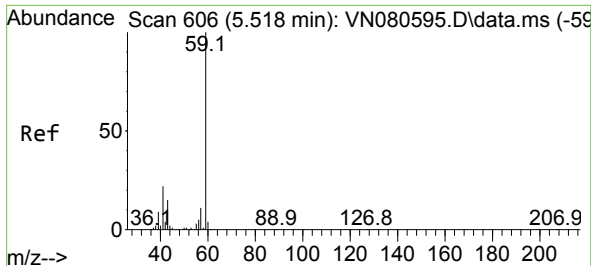
Tgt Ion:101 Resp: 23189
Ion Ratio Lower Upper
101 100
85 49.3 36.6 55.0
151 30.7 57.6 86.4#



#10
Methyl Iodide
Concen: 5.094 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.001 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:142 Resp: 15928
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 12.9 11.4 17.0

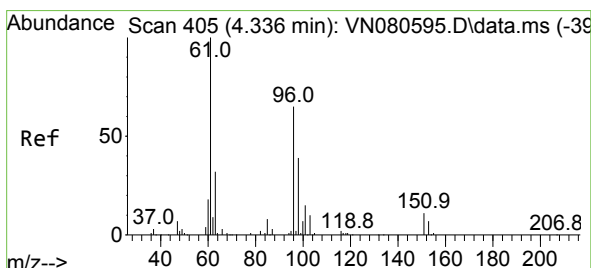
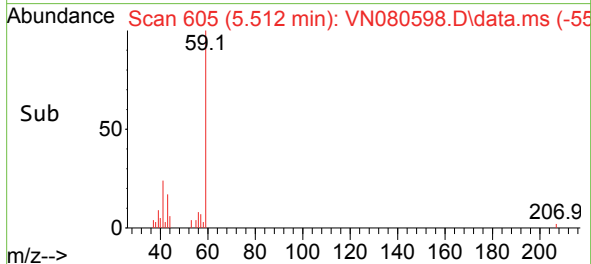
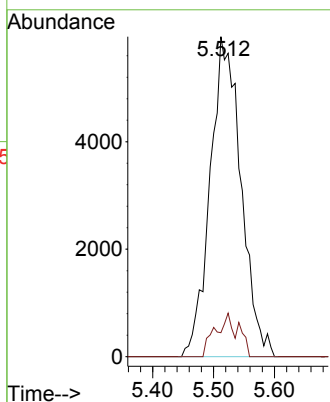
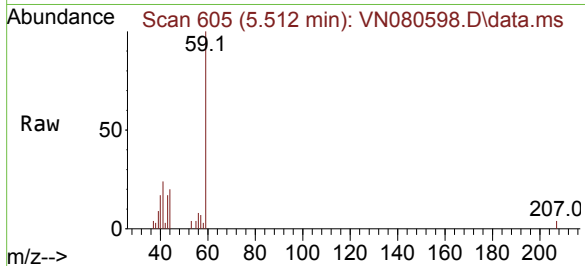




#11
Tert butyl alcohol
Concen: 25.824 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

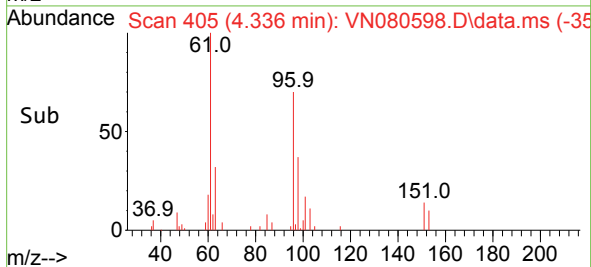
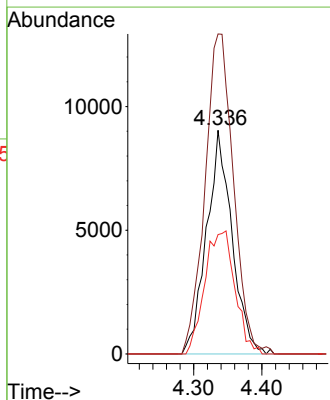
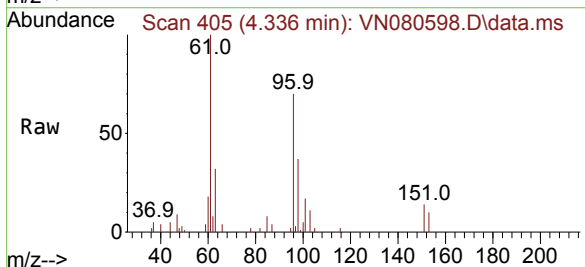
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

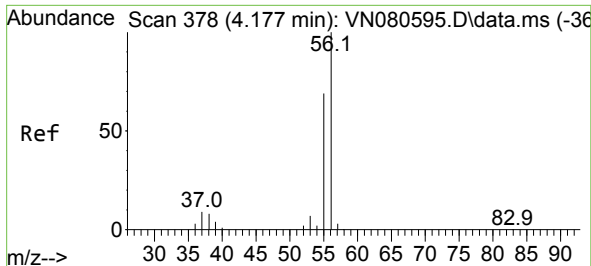
Tgt Ion: 59 Resp: 20932
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 5.410 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 96 Resp: 23486
Ion Ratio Lower Upper
96 100
61 143.1 112.7 169.1
98 53.3 51.2 76.8





#13

Acrolein

Concen: 27.303 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

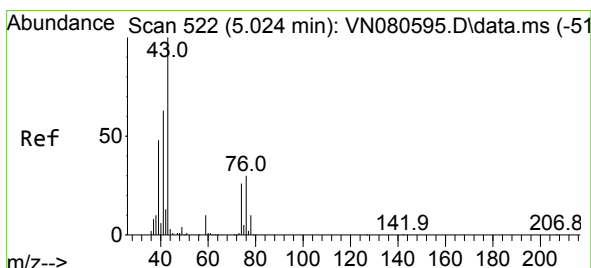
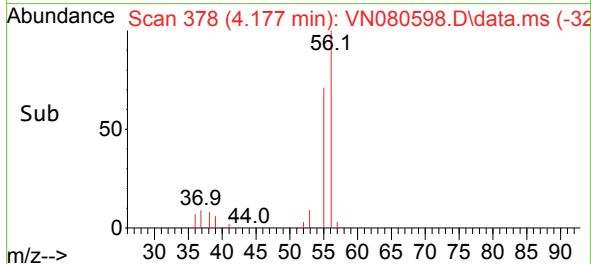
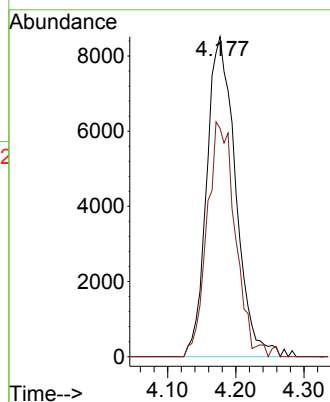
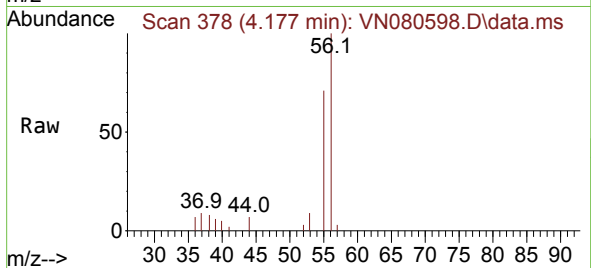
VSTDICC005

Tgt Ion: 56 Resp: 25022

Ion Ratio Lower Upper

56 100

55 71.8 54.5 81.7



#14

Allyl chloride

Concen: 4.911 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

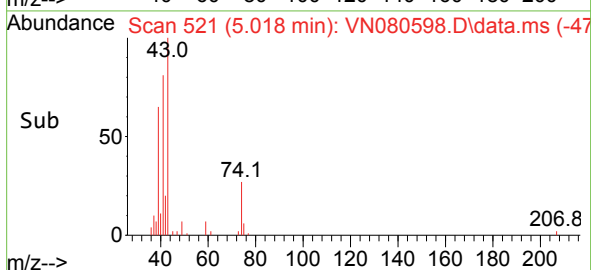
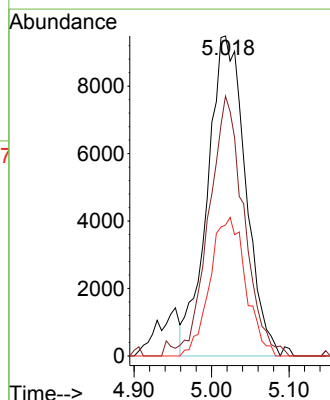
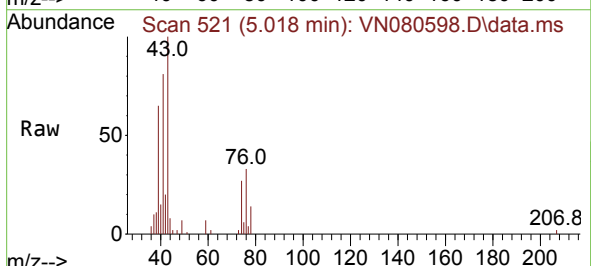
Tgt Ion: 41 Resp: 32368

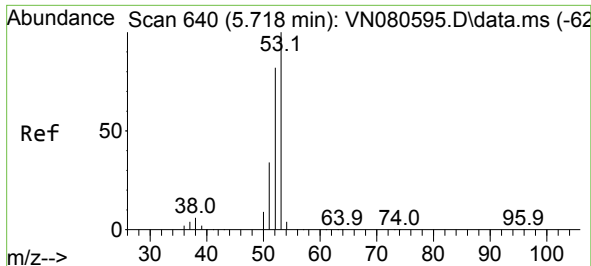
Ion Ratio Lower Upper

41 100

39 74.6 58.8 88.2

76 40.7 39.1 58.7

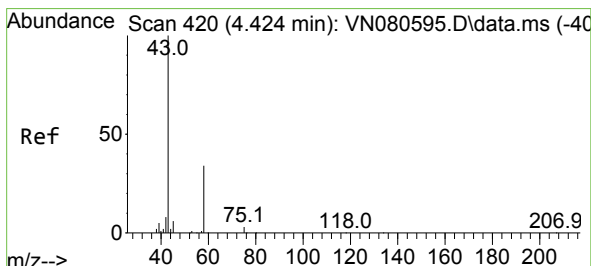
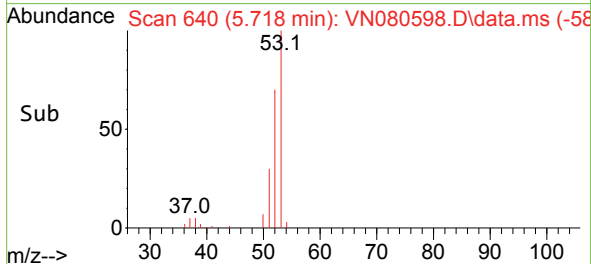
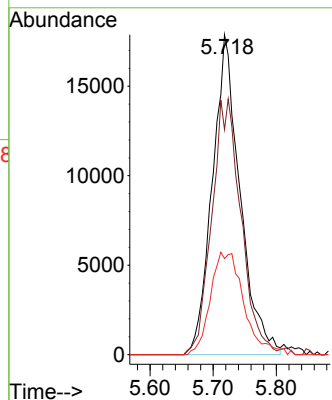
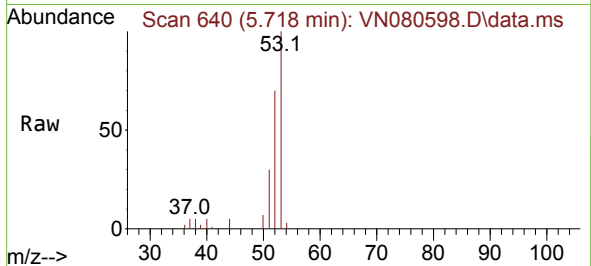




#15
Acrylonitrile
Concen: 23.578 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

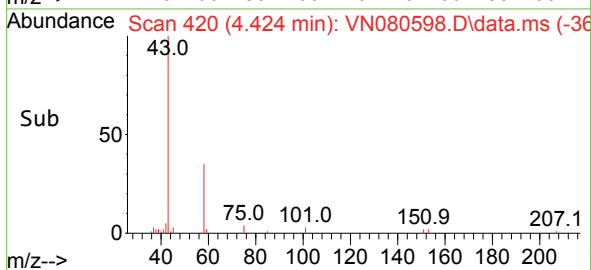
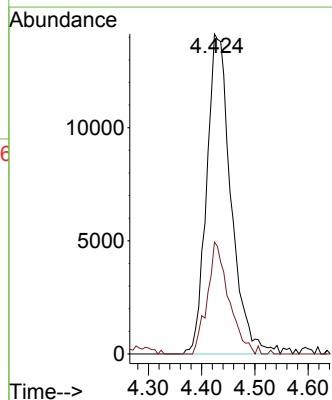
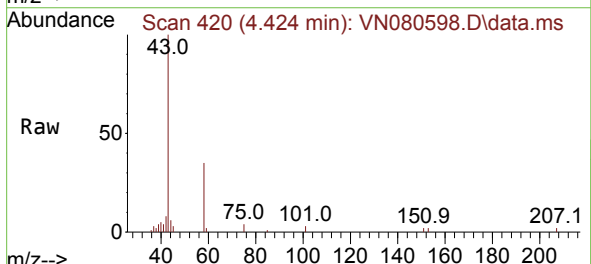
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

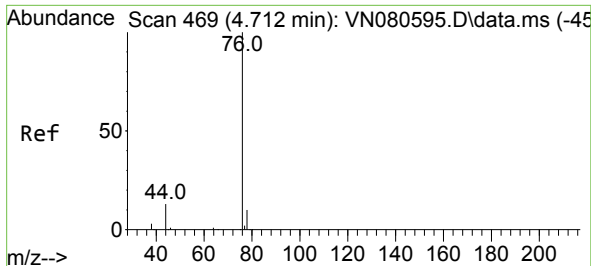
Tgt Ion:	53	Resp:	54508
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.3	97.9
51	38.7	28.9	43.3



#16
Acetone
Concen: 27.377 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:	43	Resp:	44837
Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

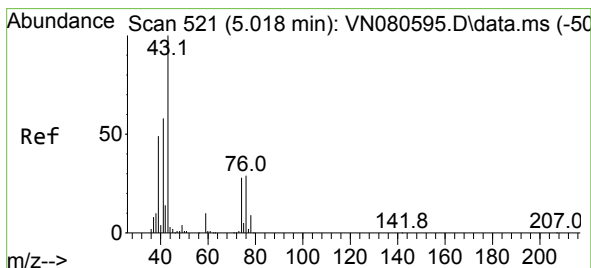
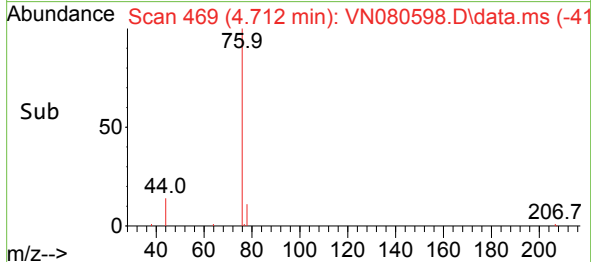
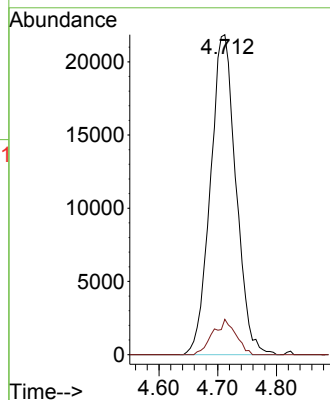
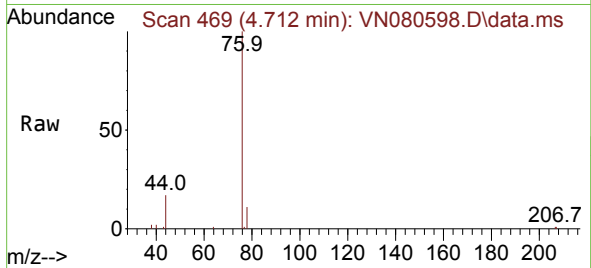




#17
Carbon Disulfide
Concen: 5.643 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

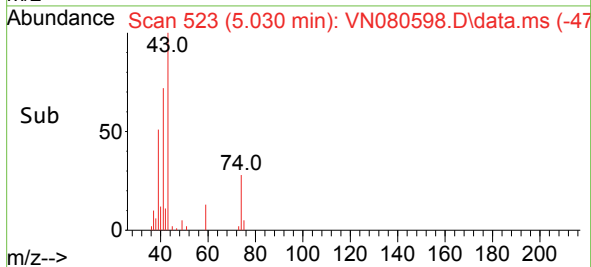
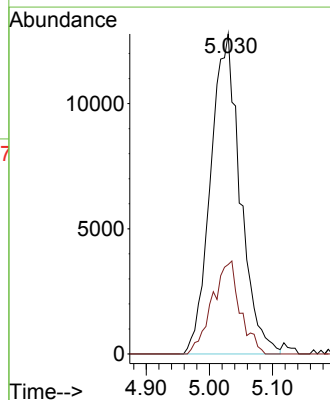
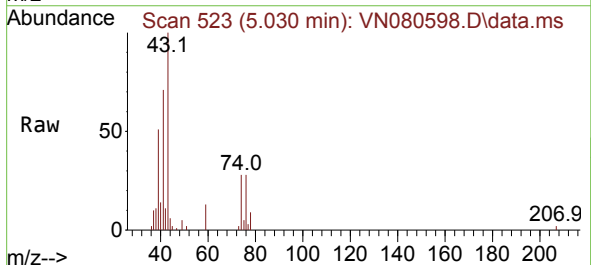
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

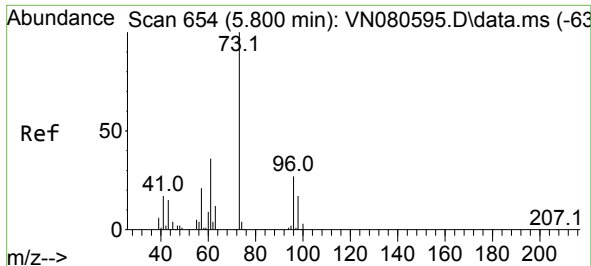
Tgt Ion: 76 Resp: 65880
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0#



#18
Methyl Acetate
Concen: 4.595 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 43 Resp: 41724
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4

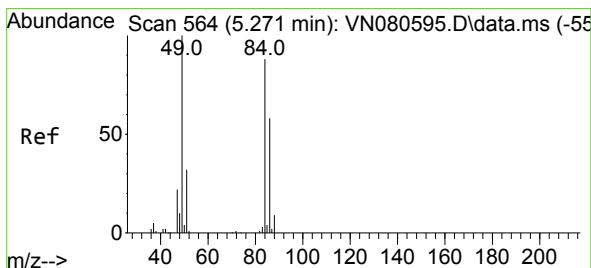
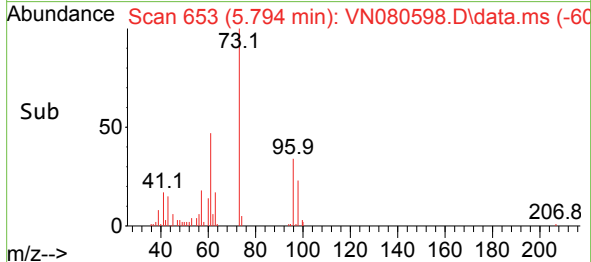
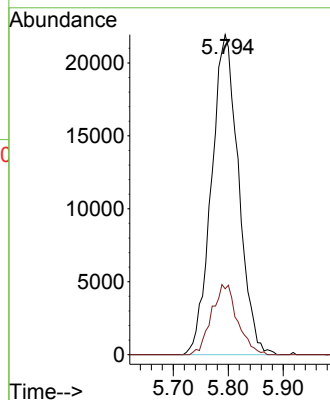
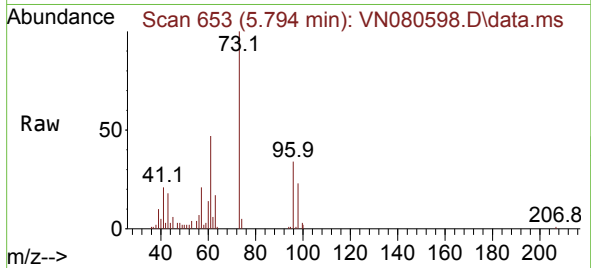




#19
Methyl tert-butyl Ether
Concen: 4.801 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

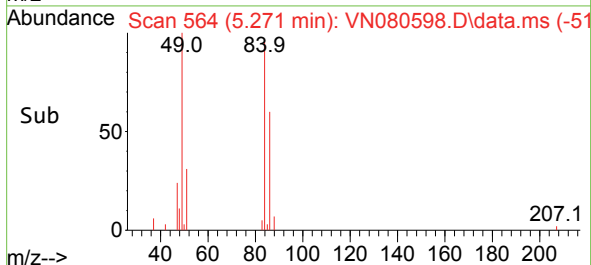
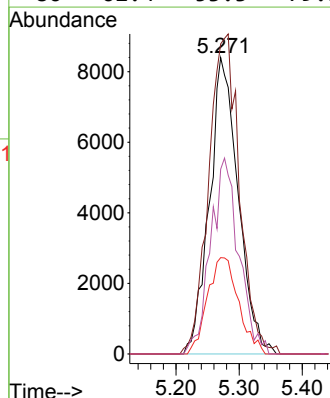
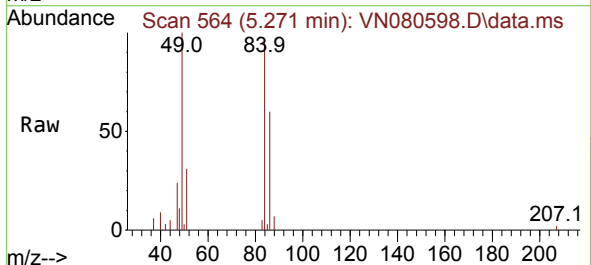
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

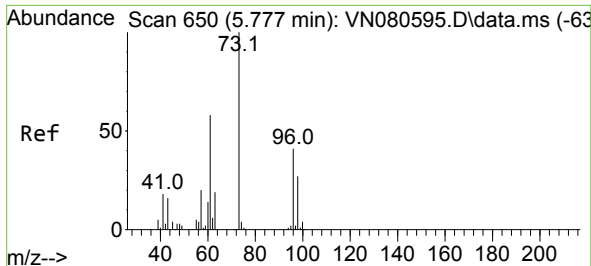
Tgt Ion: 73 Resp: 75034
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 5.085 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 84 Resp: 26571
Ion Ratio Lower Upper
84 100
49 104.6 79.7 119.5
51 32.5 25.2 37.8
86 62.4 53.3 79.9

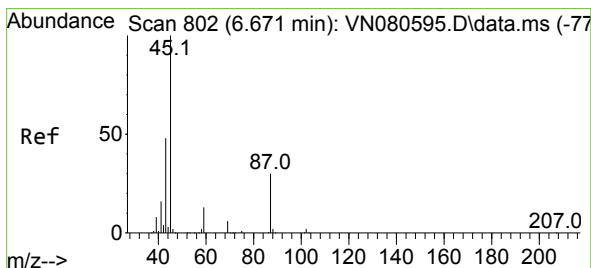
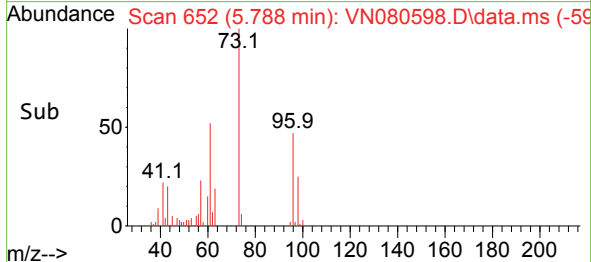
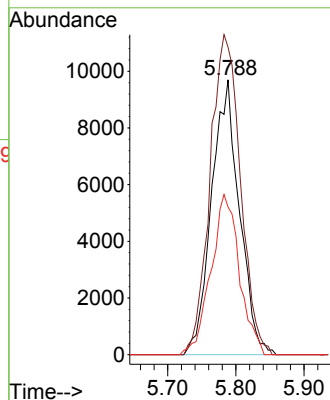
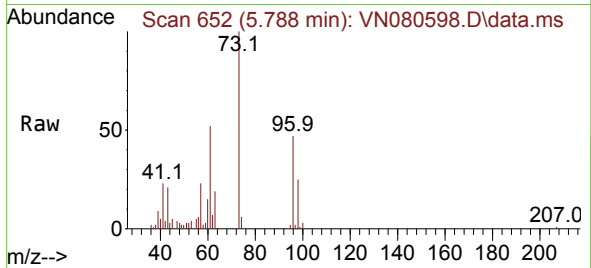




#21
trans-1,2-Dichloroethene
Concen: 5.252 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

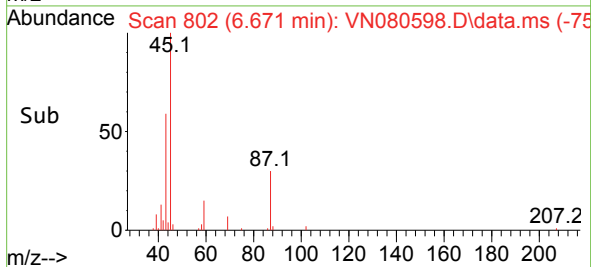
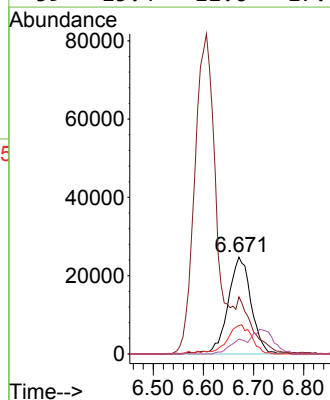
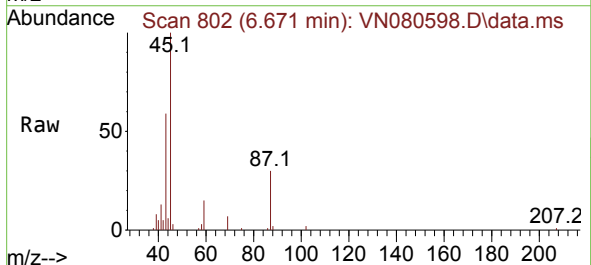
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

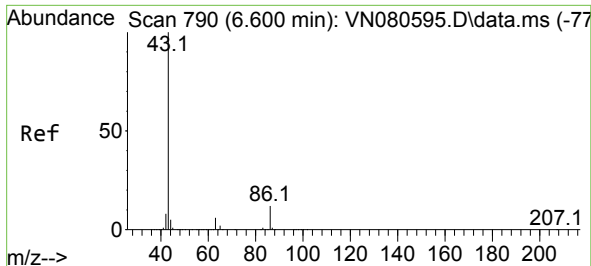
Tgt Ion: 96 Resp: 27547
Ion Ratio Lower Upper
96 100
61 111.8 90.1 135.1
98 53.7 46.4 69.6



#22
Diisopropyl ether
Concen: 5.385 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 45 Resp: 78822
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 29.5 31.8 47.8#
59 15.4 11.6 17.4

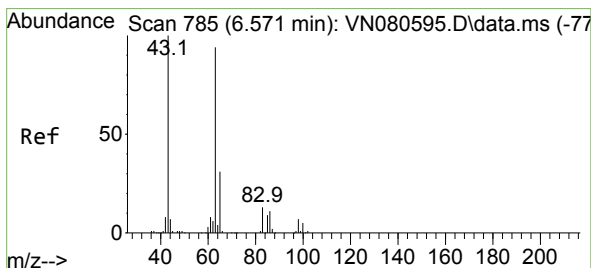
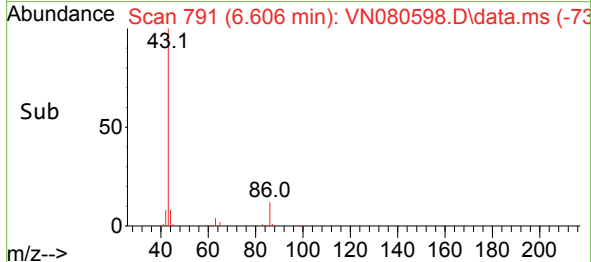
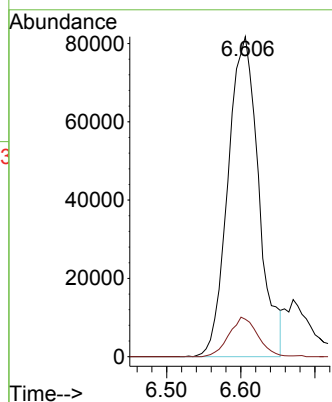
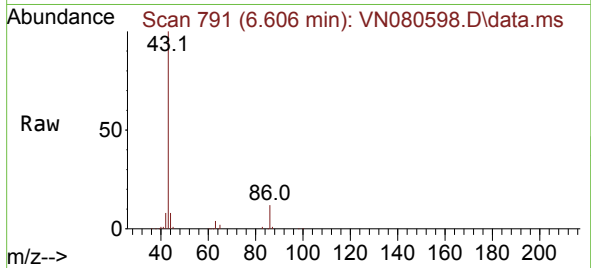




#23
 Vinyl Acetate
 Concen: 28.590 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

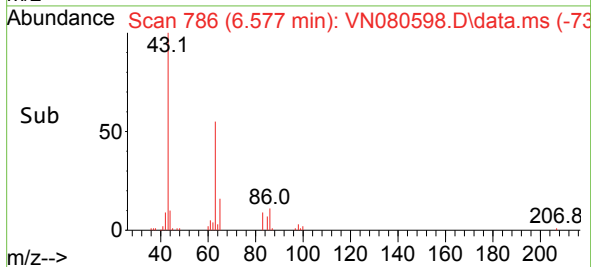
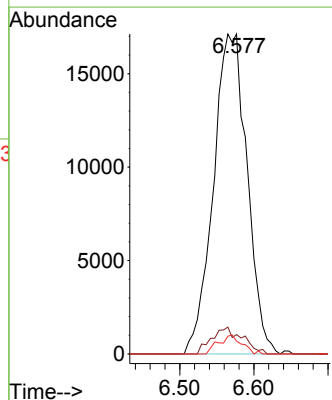
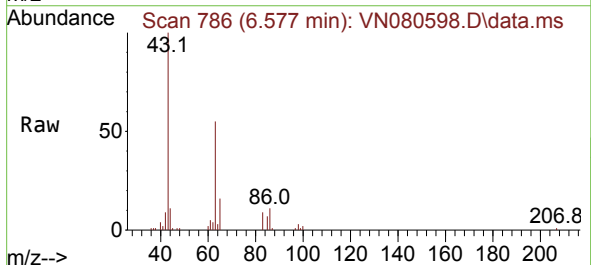
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

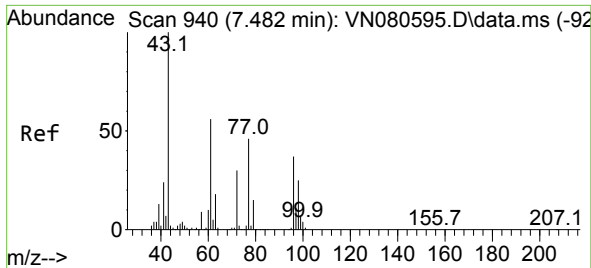
Tgt Ion: 43 Resp: 235185
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 5.515 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion: 63 Resp: 54113
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.0 2.5 7.4

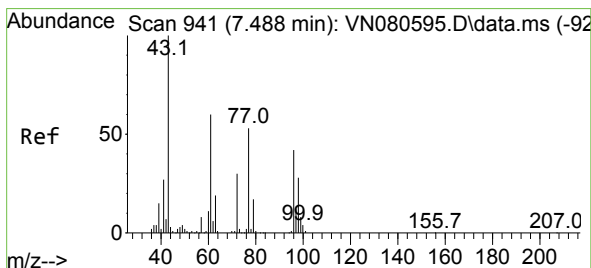
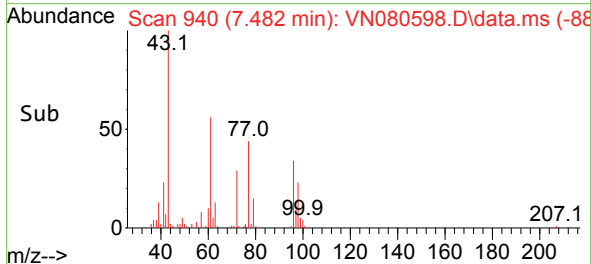
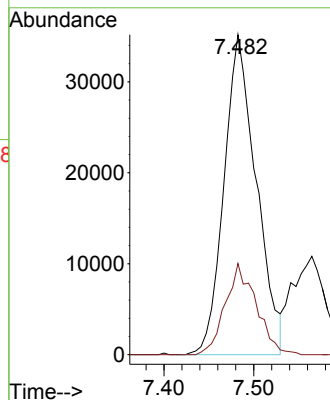
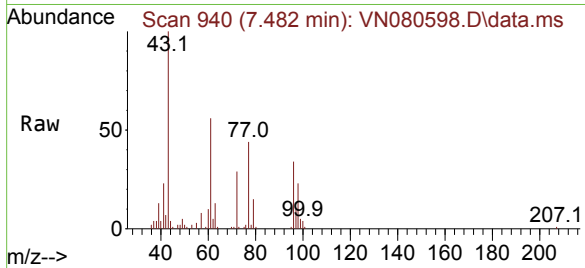




#25
2-Butanone
Concen: 28.678 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

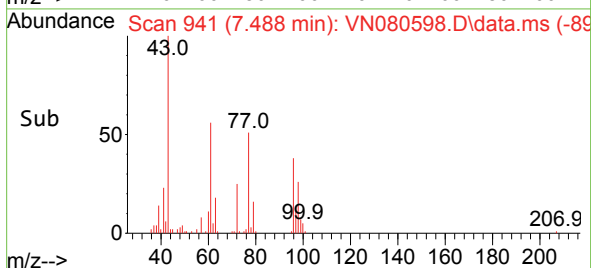
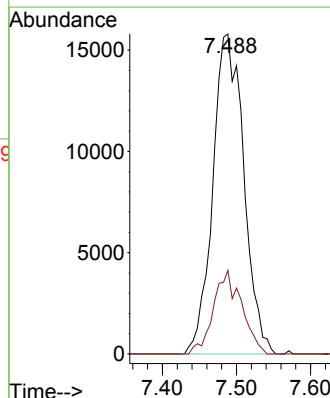
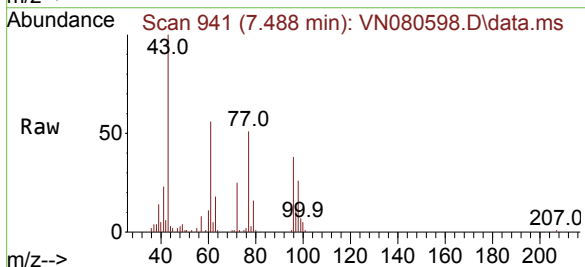
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

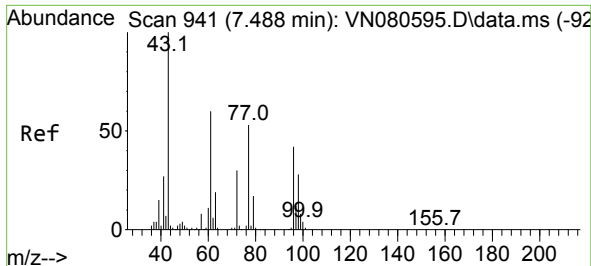
Tgt Ion: 43 Resp: 87786
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 5.360 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 77 Resp: 45777
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6

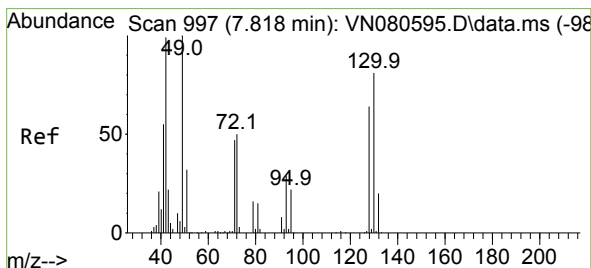
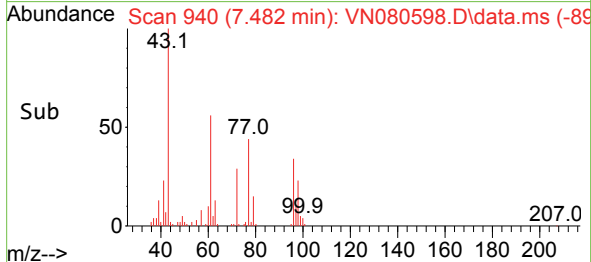
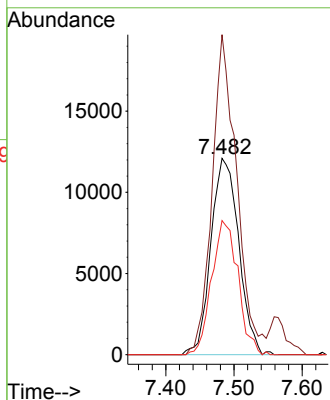
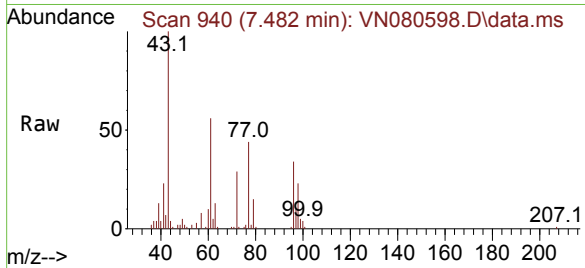




#27
 cis-1,2-Dichloroethene
 Concen: 5.506 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

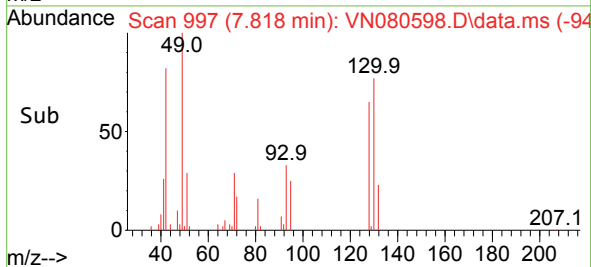
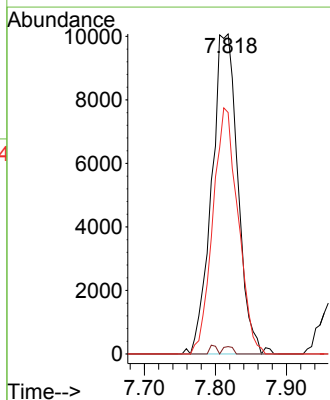
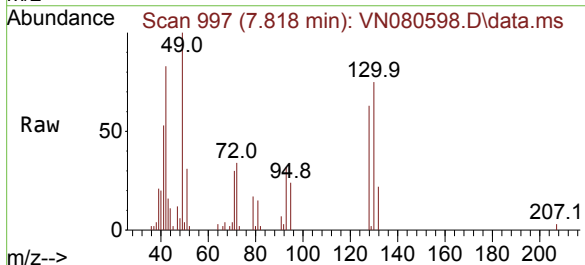
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

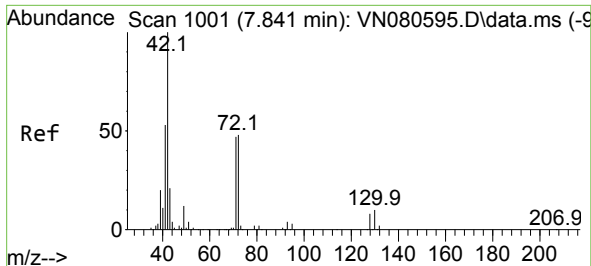
Tgt Ion: 96 Resp: 34350
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 255.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.658 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion: 49 Resp: 25811
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 74.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 27.985 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

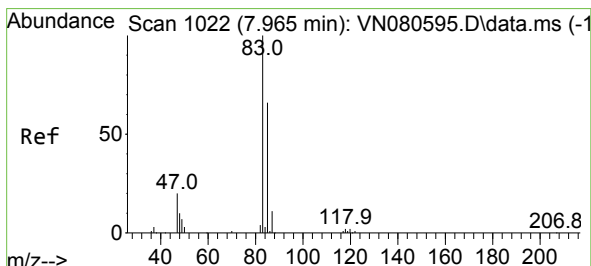
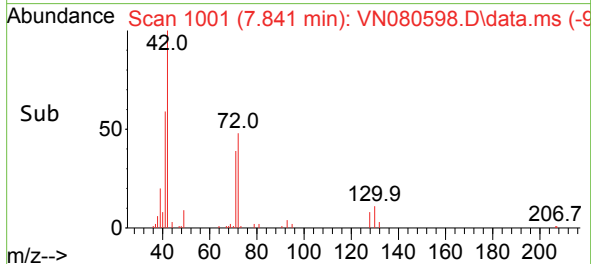
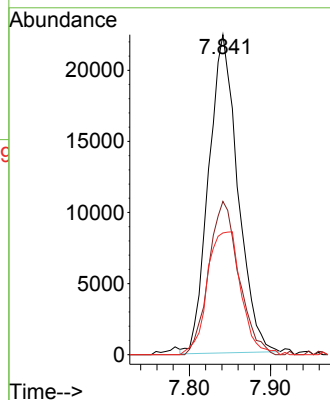
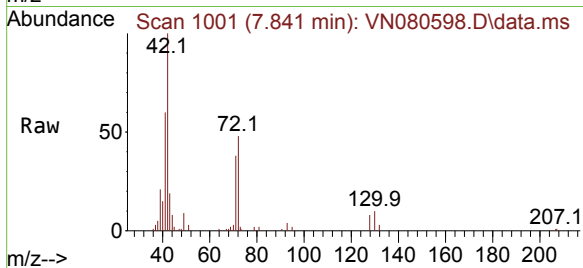
Tgt Ion: 42 Resp: 55868

Ion Ratio Lower Upper

42 100

72 49.7 49.8 74.6#

71 44.7 47.4 71.2#



#30

Chloroform

Concen: 5.681 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080598.D

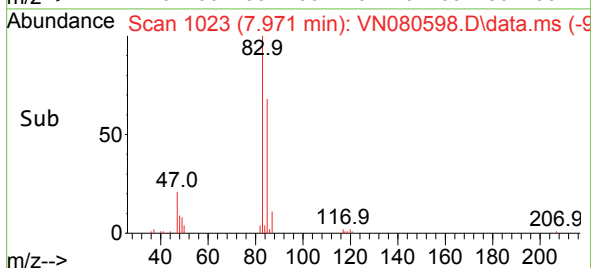
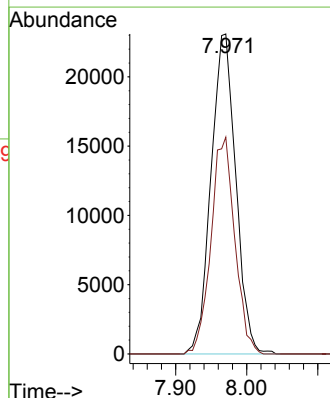
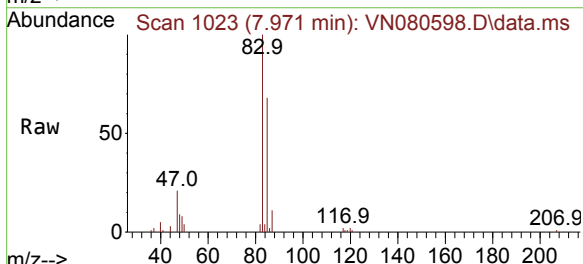
Acq: 27 Dec 2023 12:59

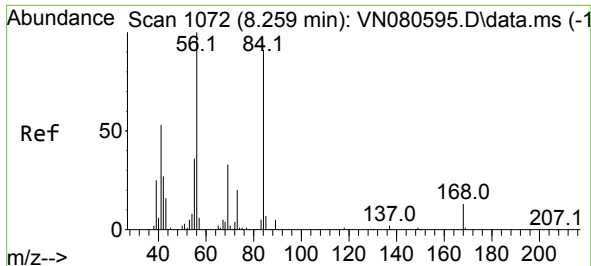
Tgt Ion: 83 Resp: 55963

Ion Ratio Lower Upper

83 100

85 67.8 55.4 83.0

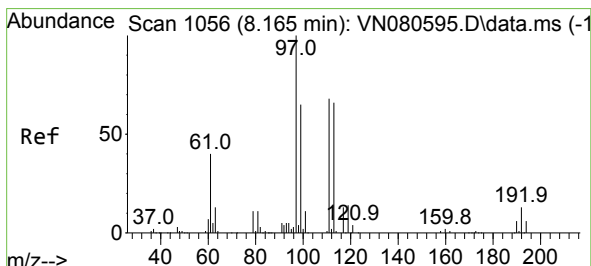
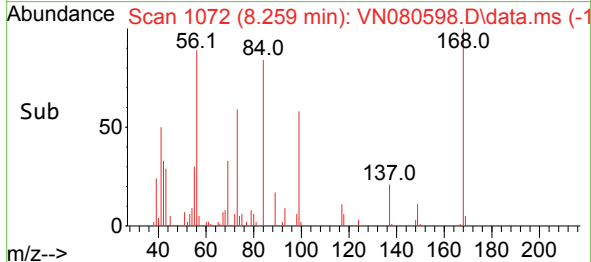
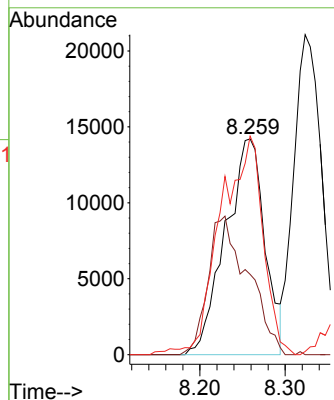
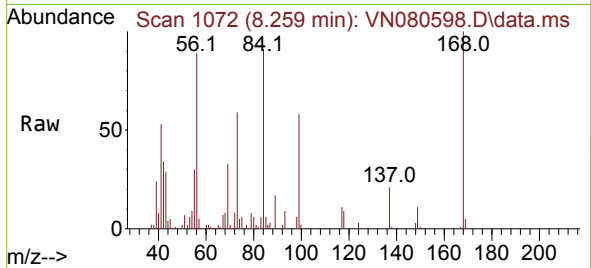




#31
Cyclohexane
Concen: 5.586 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

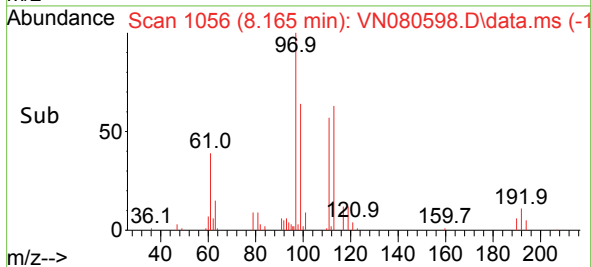
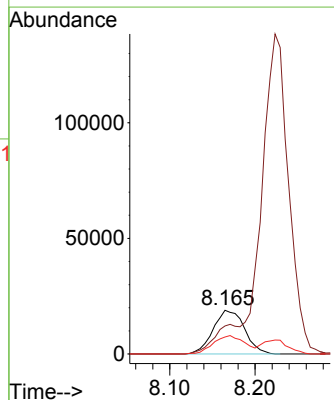
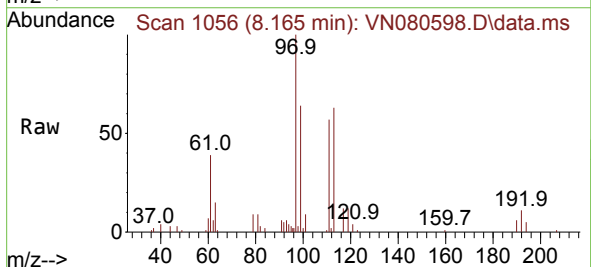
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

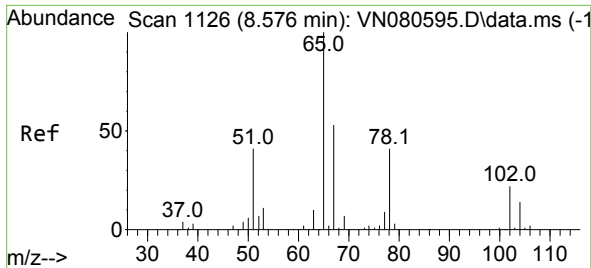
Tgt Ion: 56 Resp: 45536
Ion Ratio Lower Upper
56 100
69 37.2 26.8 40.2
84 98.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.440 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 97 Resp: 48318
Ion Ratio Lower Upper
97 100
99 56.5 50.3 75.5
61 42.2 34.7 52.1

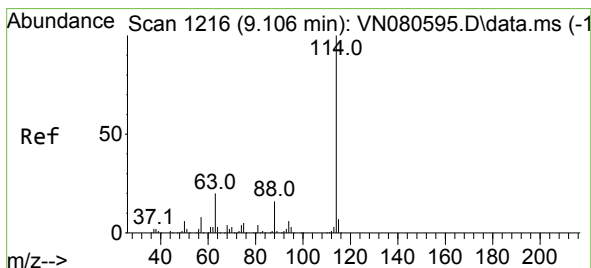
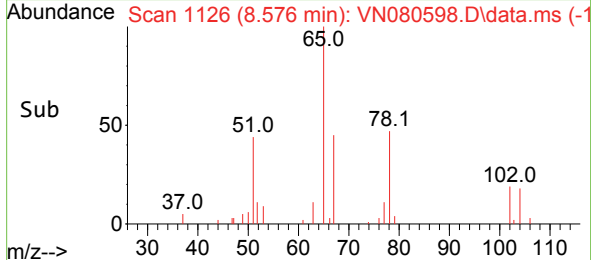
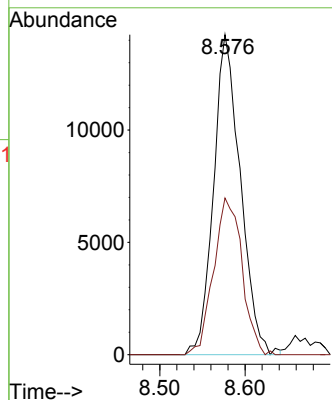
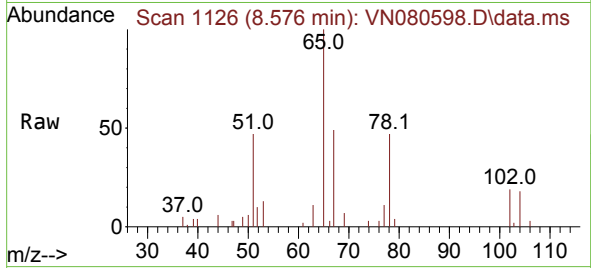




#33
 1,2-Dichloroethane-d4
 Concen: 5.165 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

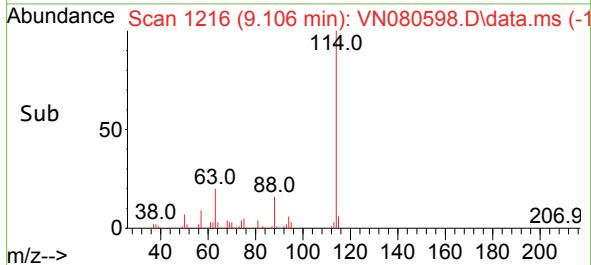
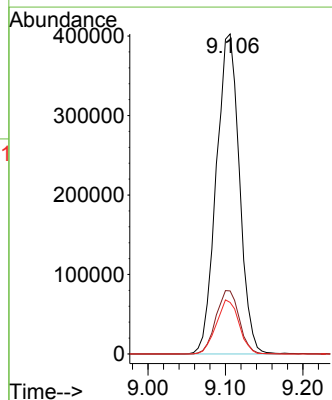
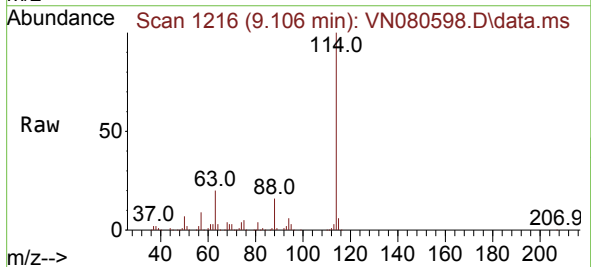
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

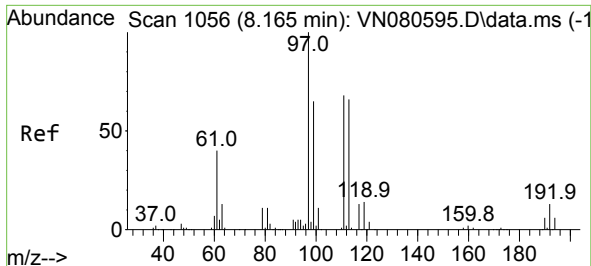
Tgt Ion: 65 Resp: 31116
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion: 114 Resp: 833824
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.4
 88 16.1 0.0 30.6

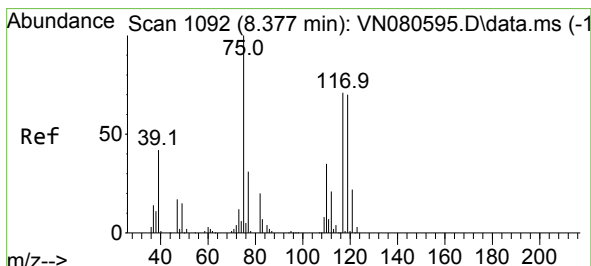
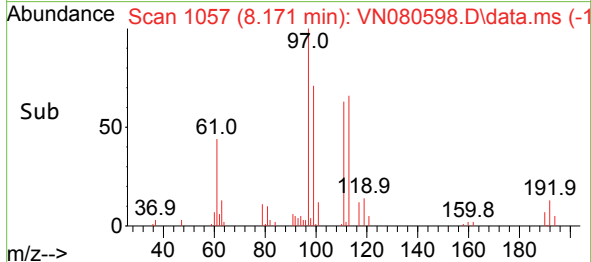
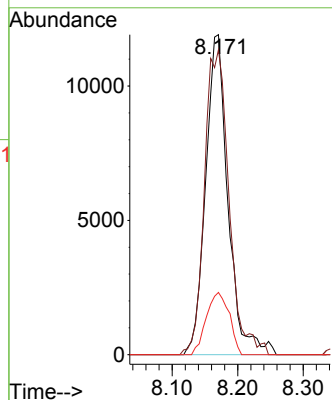
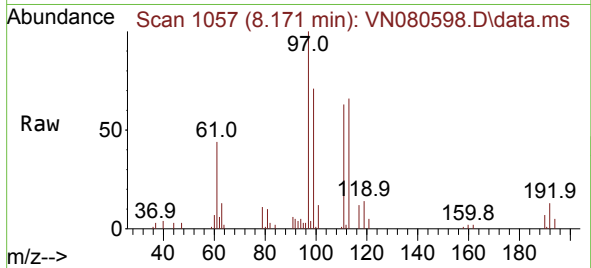




#35
Dibromofluoromethane
Concen: 5.261 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

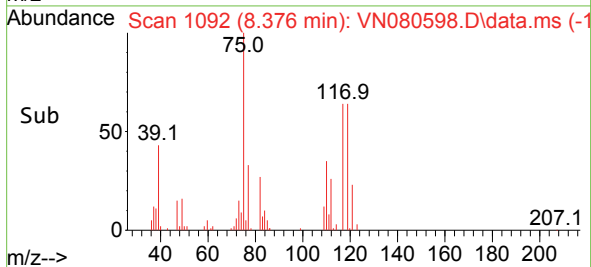
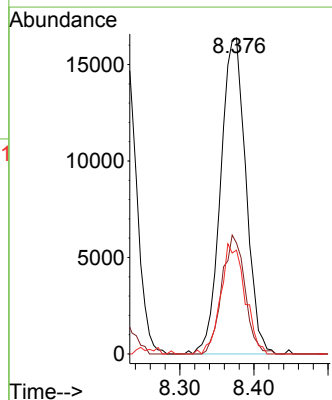
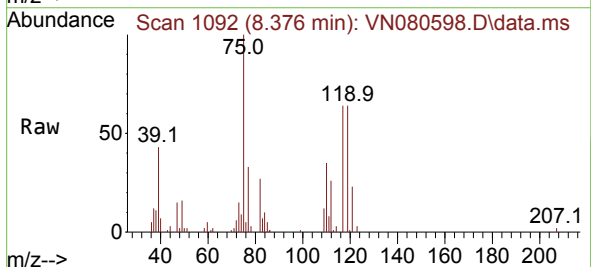
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

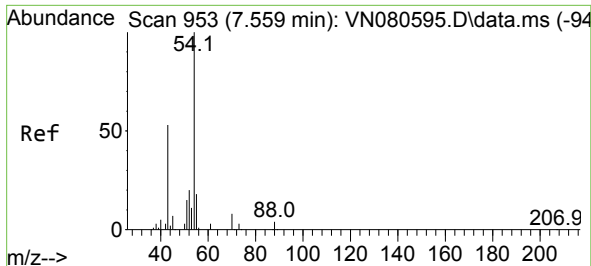
Tgt Ion:113 Resp: 28370
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.8 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 75 Resp: 38654
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 33.6 25.0 37.4

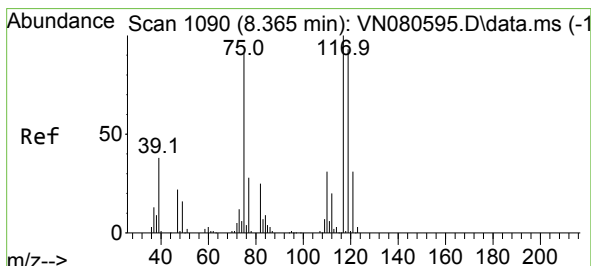
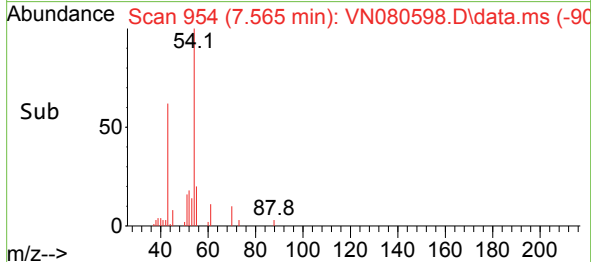
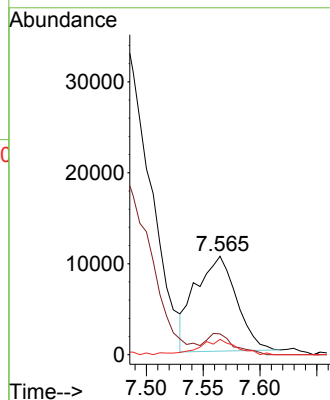
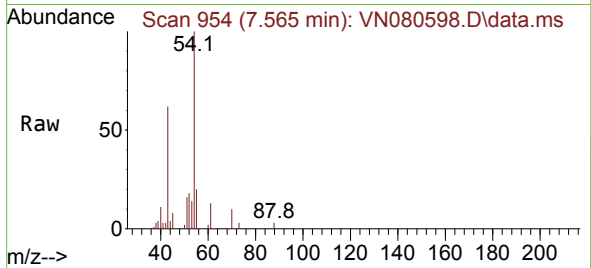




#37
Ethyl Acetate
Concen: 4.176 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

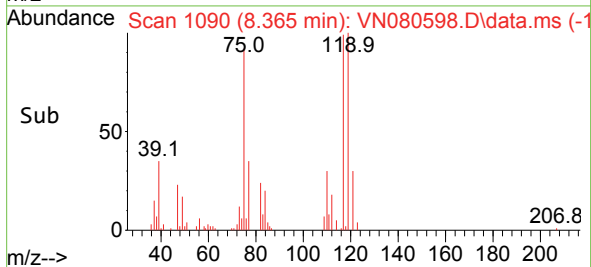
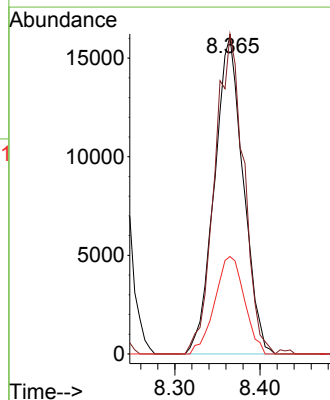
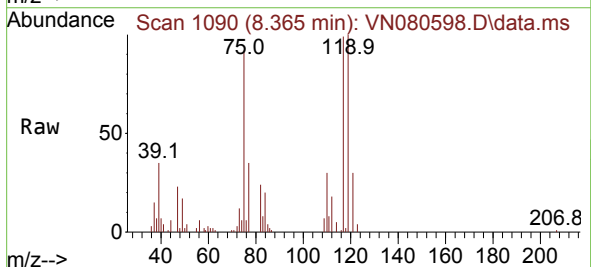
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

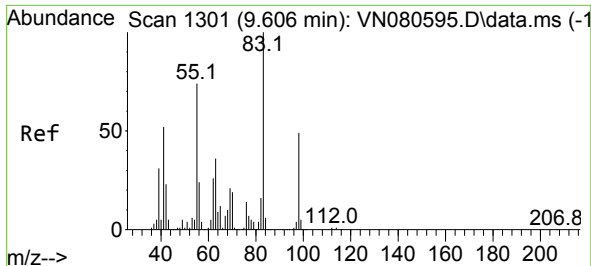
Tgt Ion: 43 Resp: 26155
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 14.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 4.467 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 117 Resp: 37924
Ion Ratio Lower Upper
117 100
119 100.8 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 4.810 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

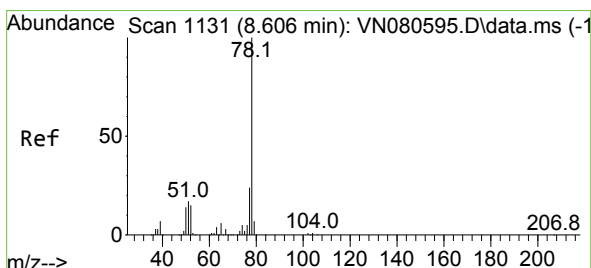
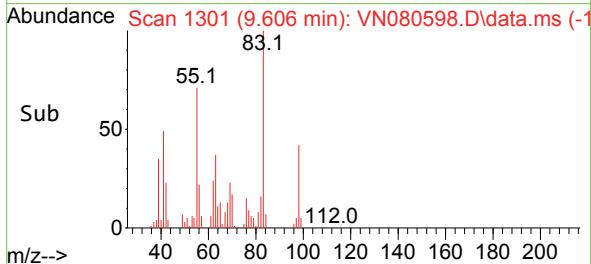
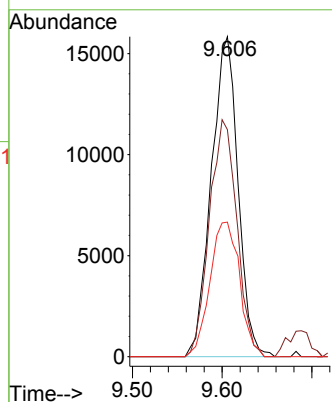
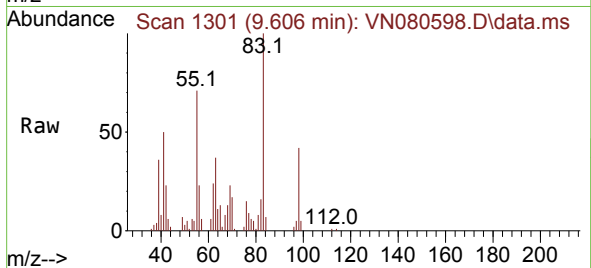
Tgt Ion: 83 Resp: 32743

Ion Ratio Lower Upper

83 100

55 70.9 49.1 73.7

98 42.1 40.6 61.0



#40

Benzene

Concen: 5.546 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080598.D

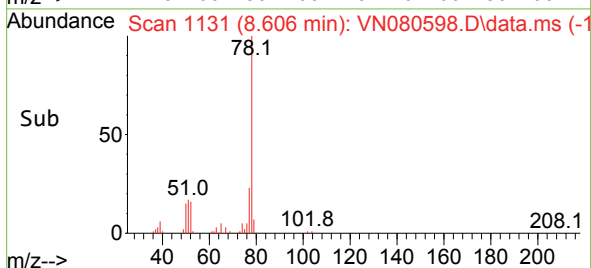
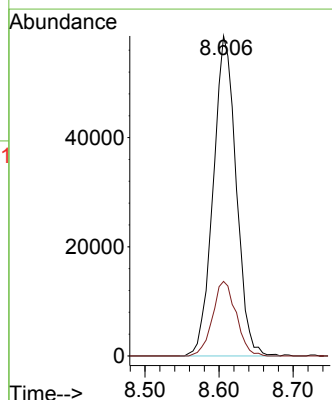
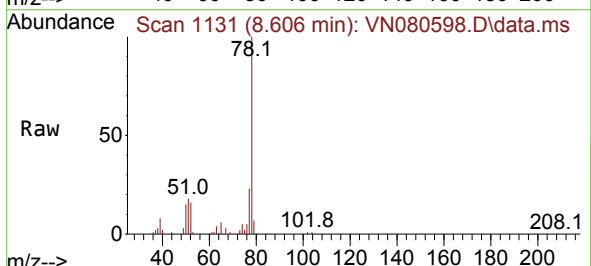
Acq: 27 Dec 2023 12:59

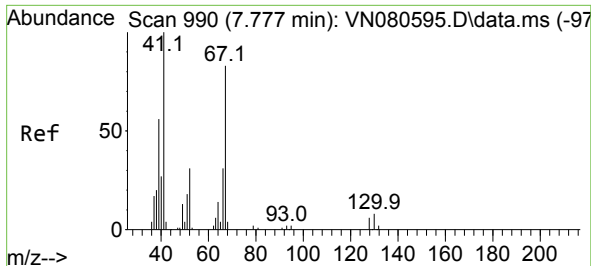
Tgt Ion: 78 Resp: 126178

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

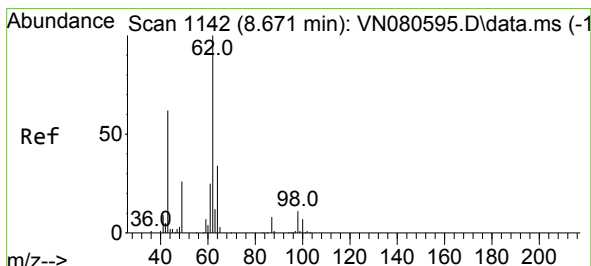
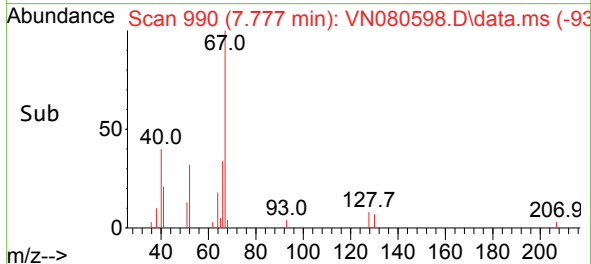
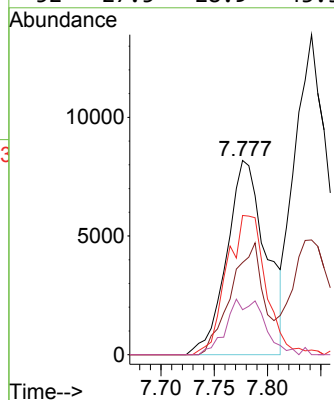
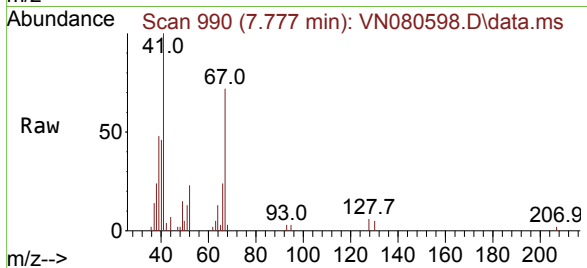




#41
Methacrylonitrile
Concen: 5.481 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

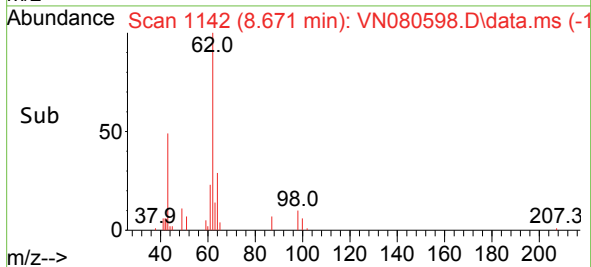
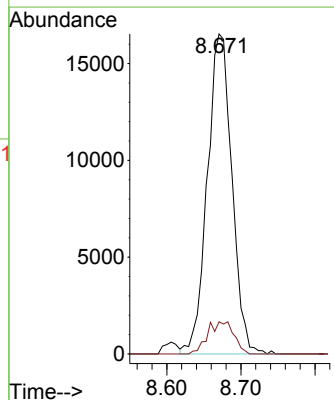
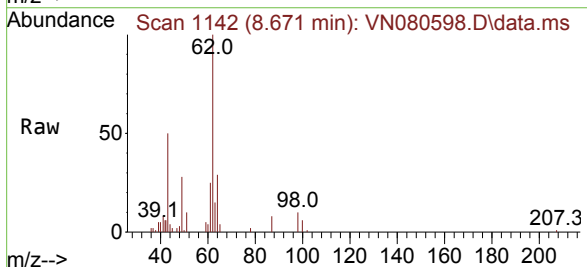
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

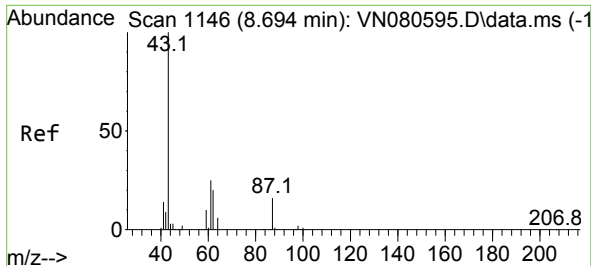
Tgt Ion:	41	Resp:	20906
Ion	Ratio	Lower	Upper
41	100		
39	48.0	42.6	64.0
67	72.2	77.5	116.3#
52	27.5	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 4.957 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:	62	Resp:	38123
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.8

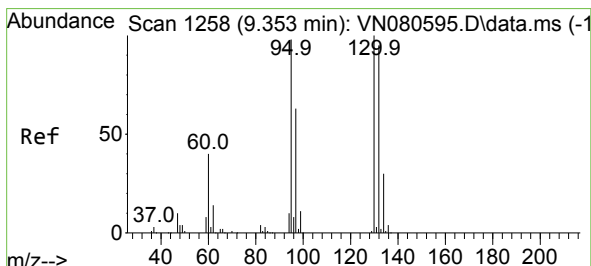
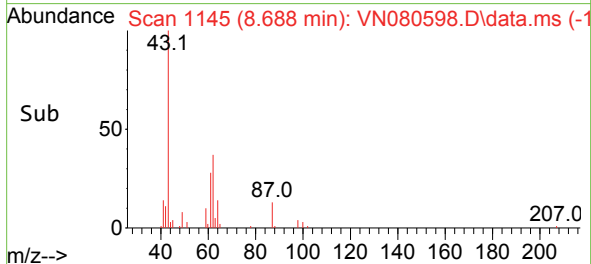
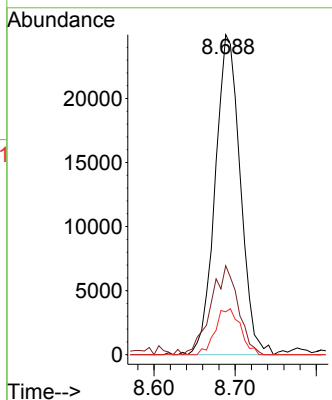
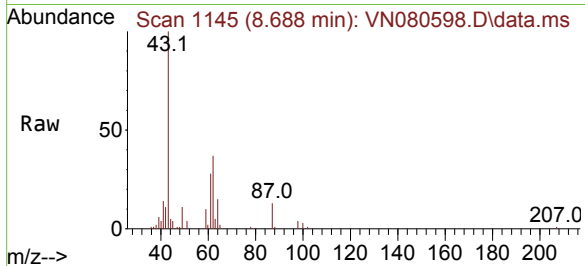




#43
Isopropyl Acetate
Concen: 5.291 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

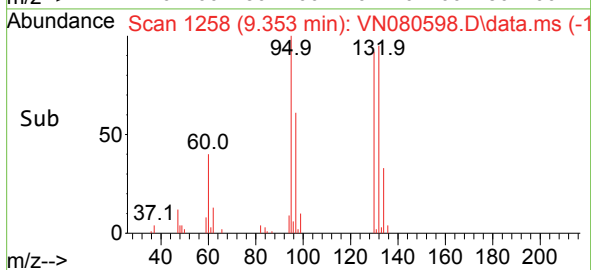
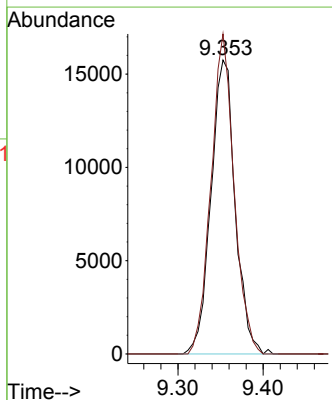
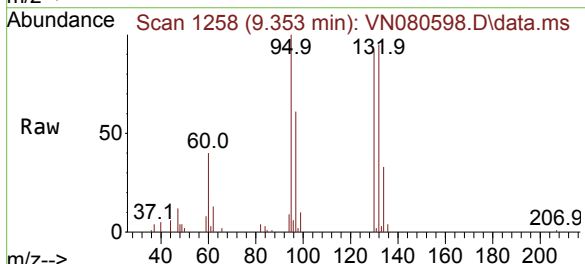
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

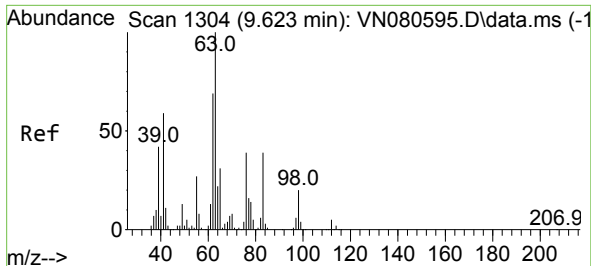
Tgt Ion: 43 Resp: 53706
Ion Ratio Lower Upper
43 100
61 30.4 24.7 37.1
87 14.4 14.6 21.8#



#44
Trichloroethene
Concen: 5.016 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:130 Resp: 31073
Ion Ratio Lower Upper
130 100
95 108.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.804 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

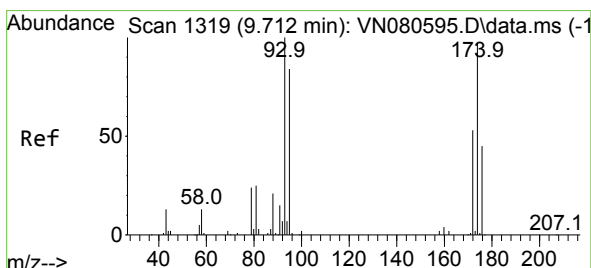
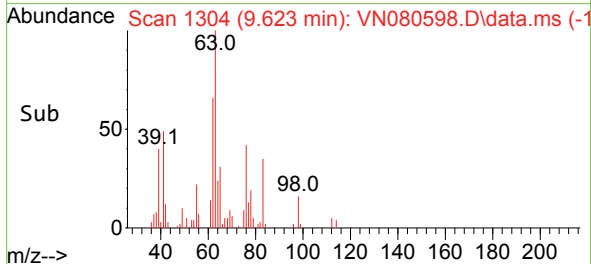
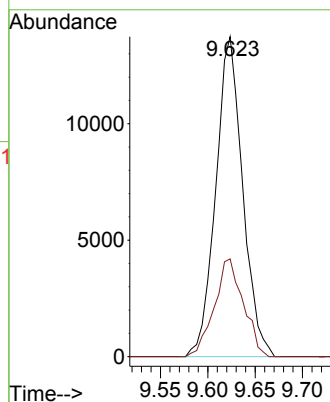
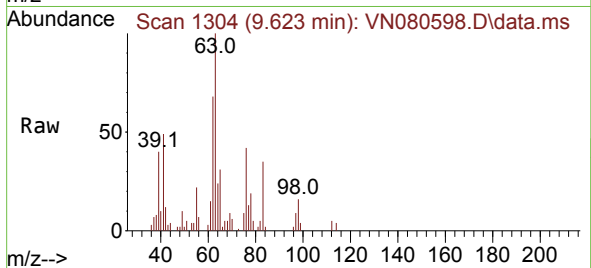
VSTDIC005

Tgt Ion: 63 Resp: 27097

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 5.617 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

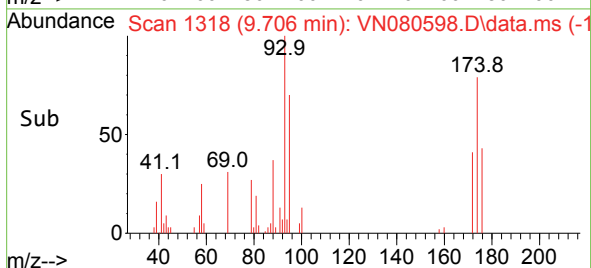
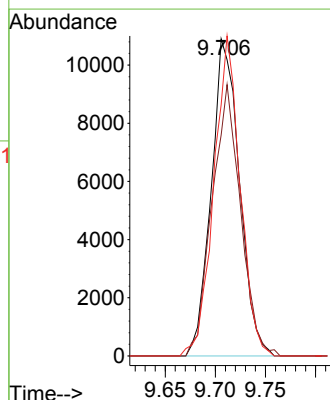
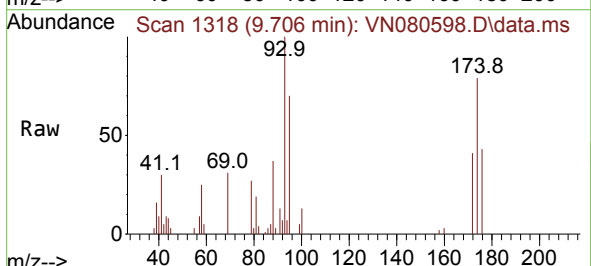
Tgt Ion: 93 Resp: 21317

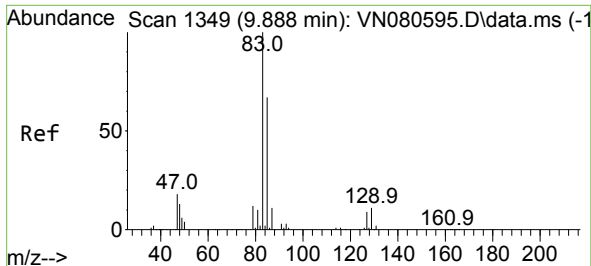
Ion Ratio Lower Upper

93 100

95 86.6 63.8 95.8

174 94.3 65.6 98.4

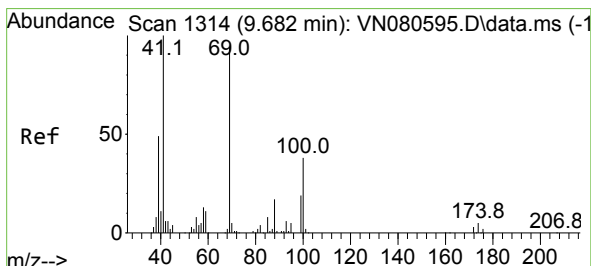
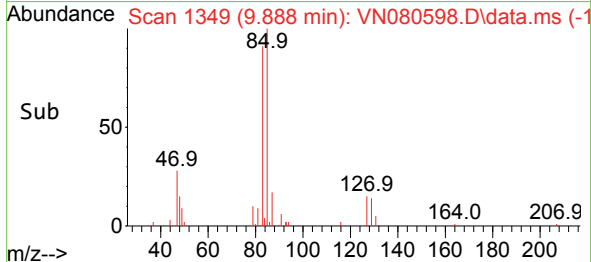
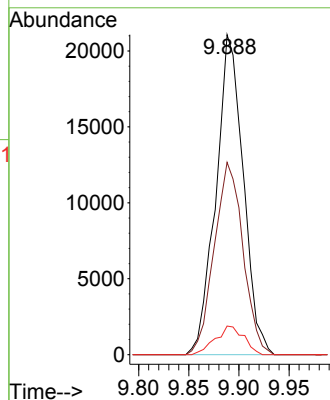
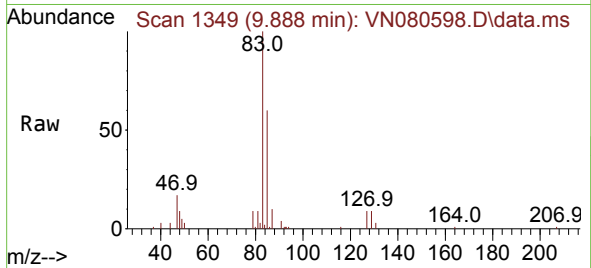




#47
Bromodichloromethane
Concen: 5.017 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

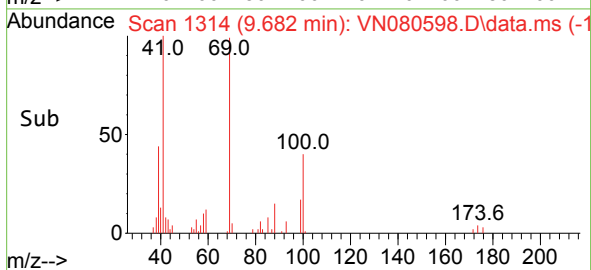
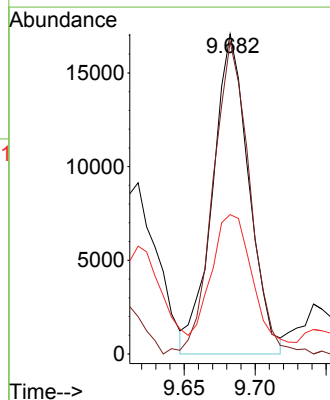
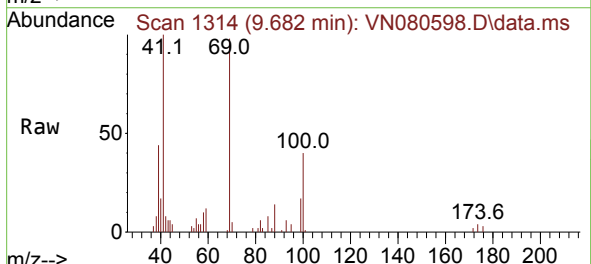
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

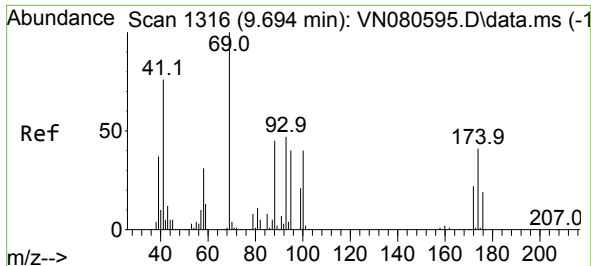
Tgt Ion: 83 Resp: 39911
Ion Ratio Lower Upper
83 100
85 60.1 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 5.372 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 41 Resp: 30277
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 52.3 54.6 81.8





#49

1,4-Dioxane

Concen: 110.295 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080598.D

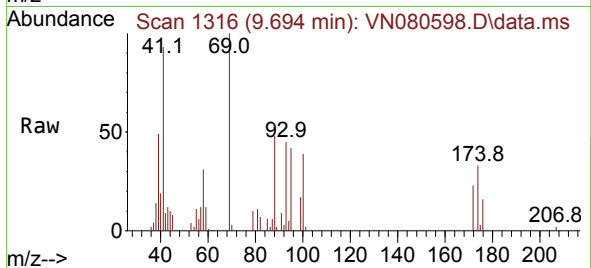
Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



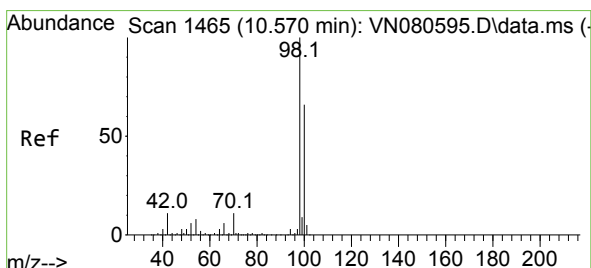
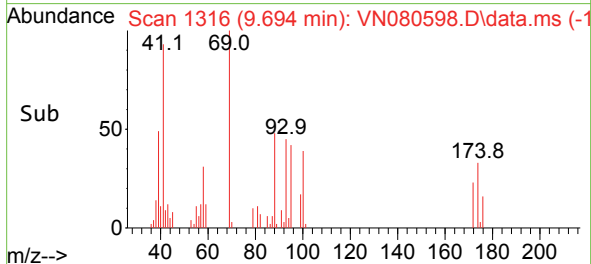
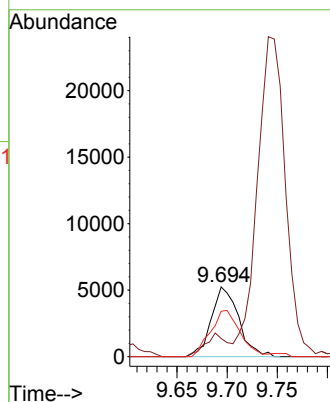
Tgt Ion: 88 Resp: 9936

Ion Ratio Lower Upper

88 100

43 27.9 17.0 25.6#

58 71.9 47.0 70.4#



#50

Toluene-d8

Concen: 5.297 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080598.D

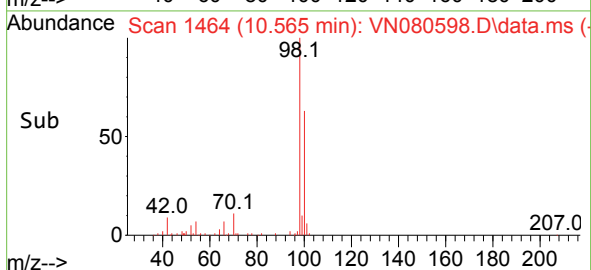
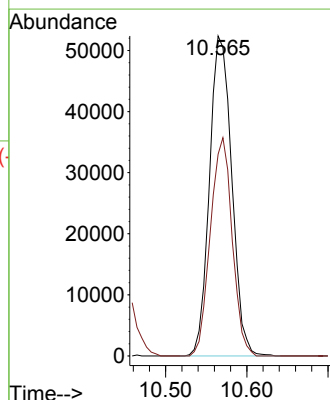
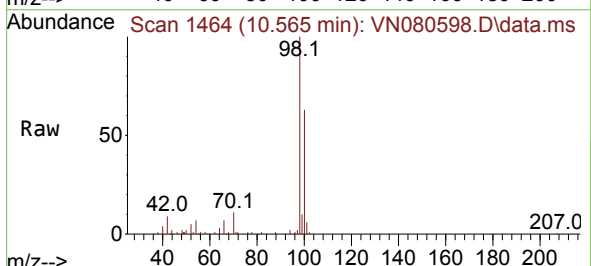
Acq: 27 Dec 2023 12:59

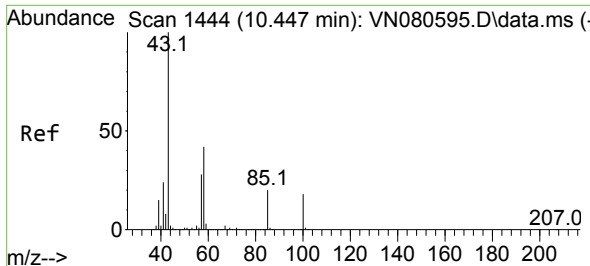
Tgt Ion: 98 Resp: 99737

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

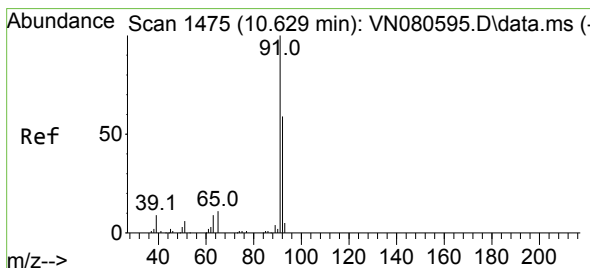
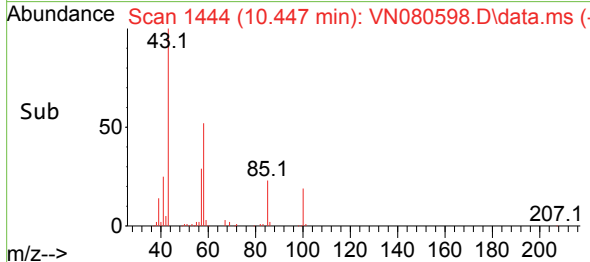
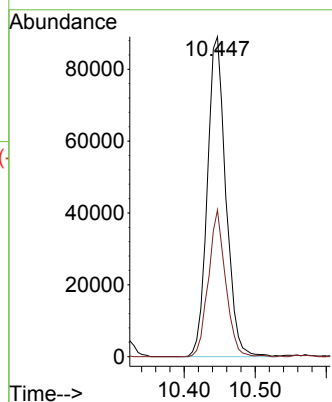
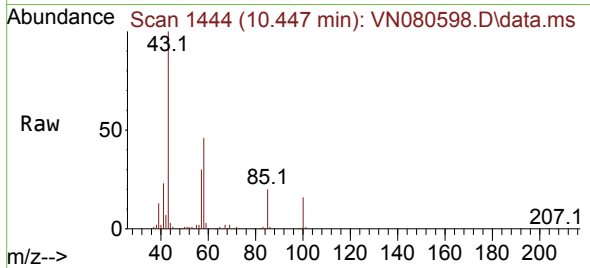




#51
4-Methyl-2-Pentanone
Concen: 27.911 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

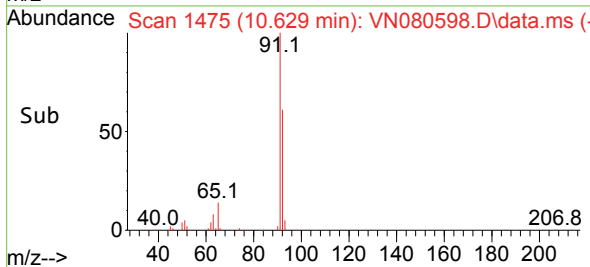
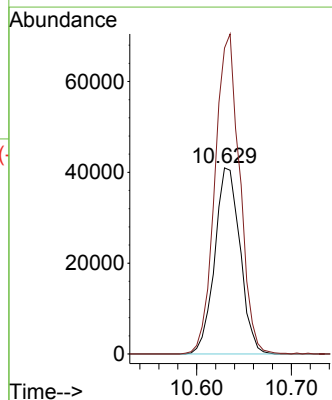
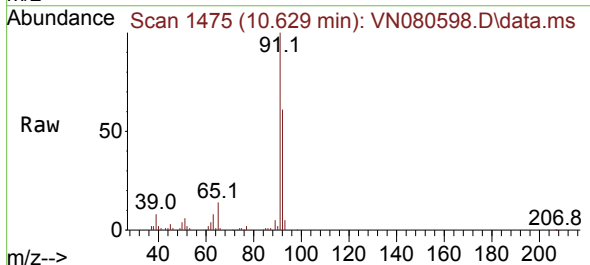
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

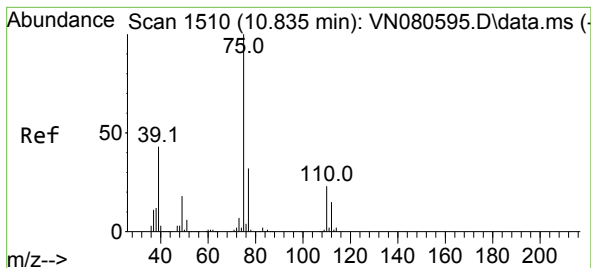
Tgt Ion: 43 Resp: 161143
Ion Ratio Lower Upper
43 100
58 42.5 36.6 54.8



#52
Toluene
Concen: 5.766 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 92 Resp: 76085
Ion Ratio Lower Upper
92 100
91 168.2 137.4 206.0

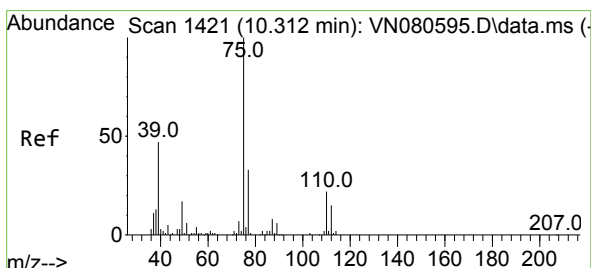
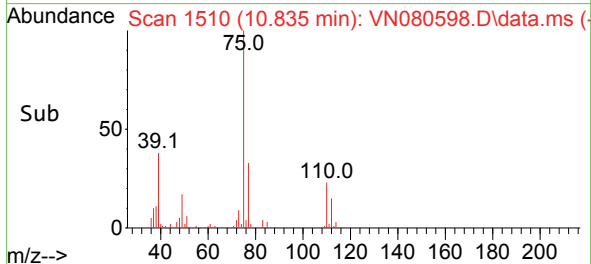
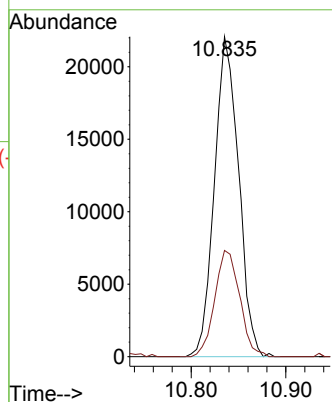
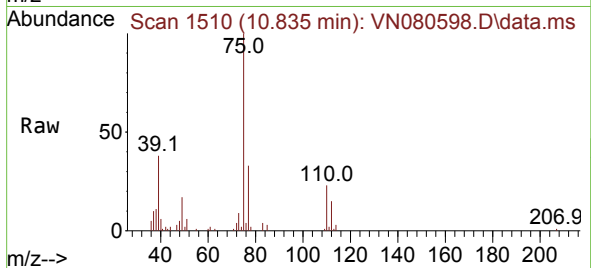




#53
 t-1,3-Dichloropropene
 Concen: 4.877 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

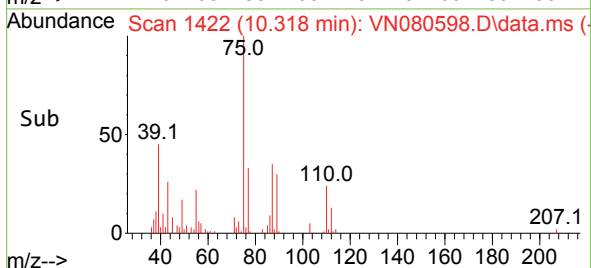
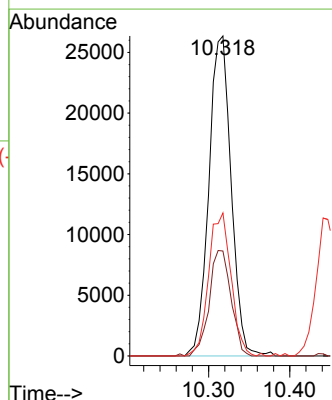
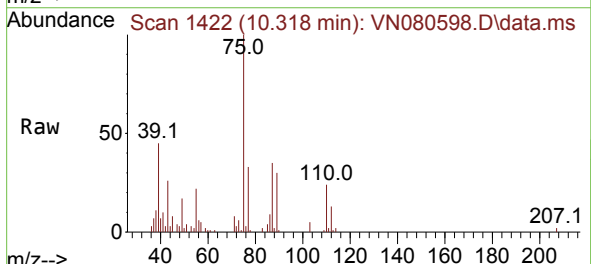
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

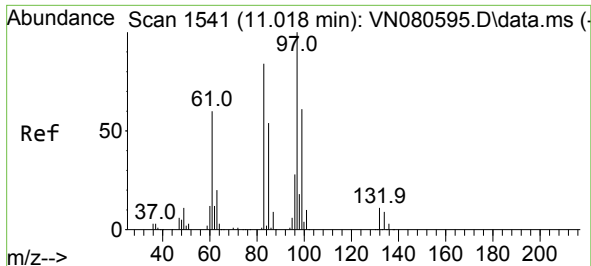
Tgt Ion: 75 Resp: 39112
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 5.598 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion: 75 Resp: 50249
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.1 39.1
 39 44.7 31.6 47.4

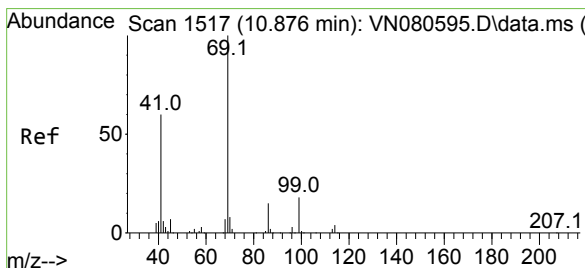
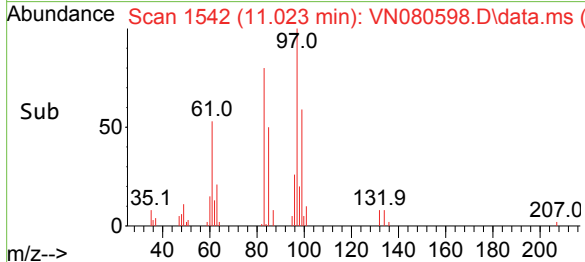
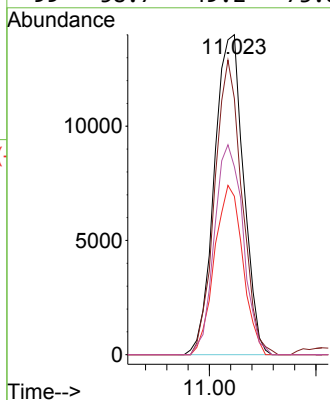
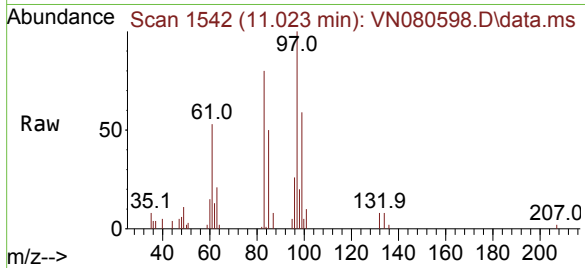




#55
1,1,2-Trichloroethane
Concen: 5.084 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

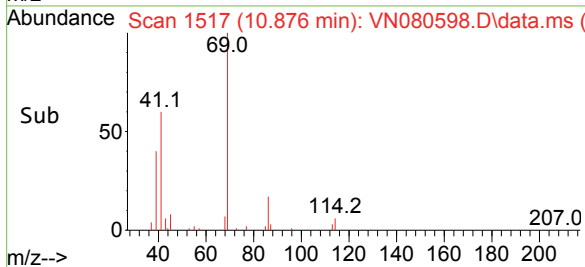
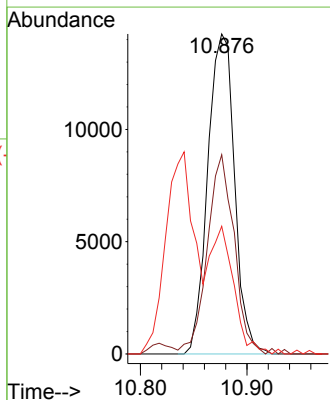
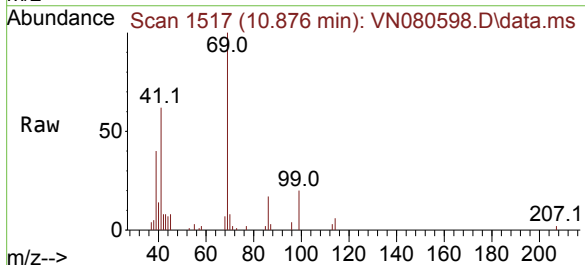
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

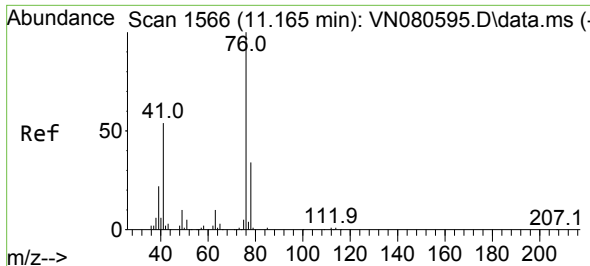
Tgt Ion: 97	Resp: 26613
Ion Ratio	Lower Upper
97 100	
83 80.0	65.1 97.7
85 49.5	43.4 65.2
99 58.7	49.2 73.8



#56
Ethyl methacrylate
Concen: 4.864 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 69	Resp: 24938
Ion Ratio	Lower Upper
69 100	
41 62.2	39.6 59.4#
39 36.0	28.6 43.0





#57

1,3-Dichloropropane

Concen: 4.977 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

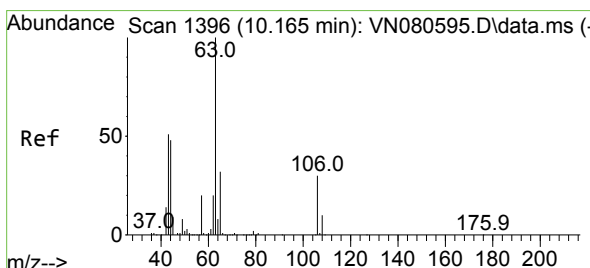
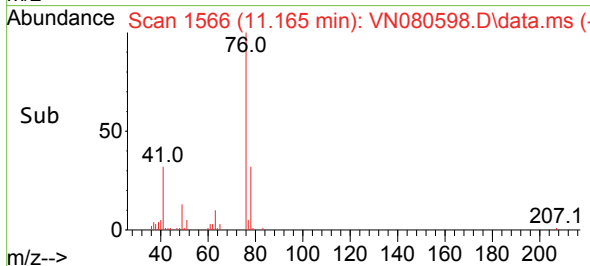
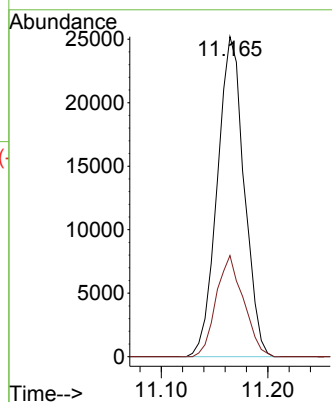
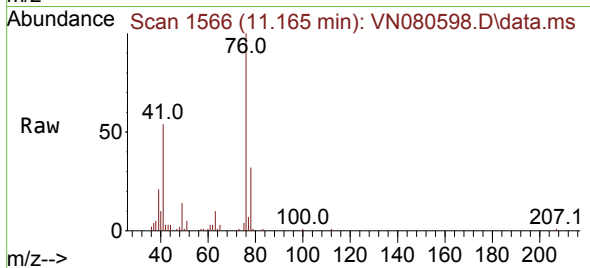
VSTDICC005

Tgt Ion: 76 Resp: 44141

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 24.611 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN080598.D

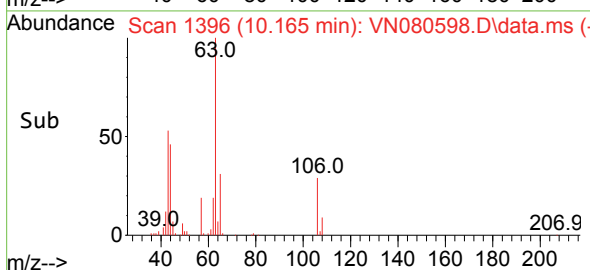
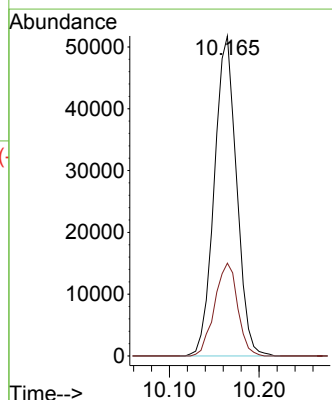
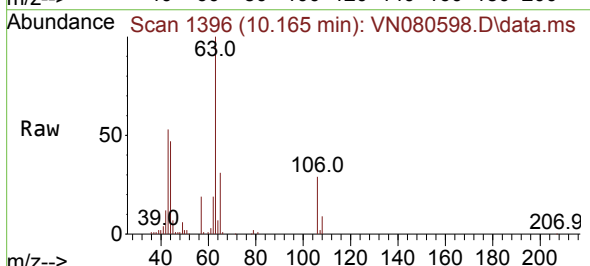
Acq: 27 Dec 2023 12:59

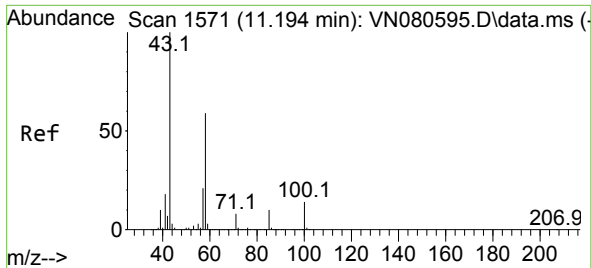
Tgt Ion: 63 Resp: 89112

Ion Ratio Lower Upper

63 100

106 29.9 26.2 39.4

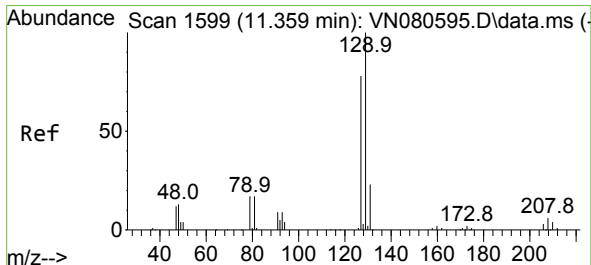
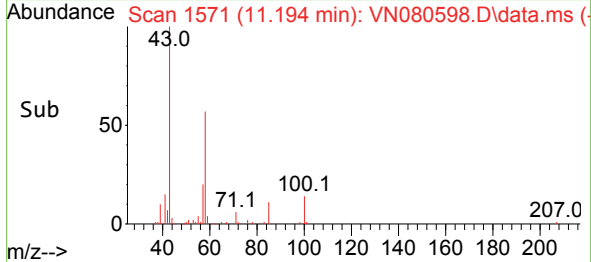
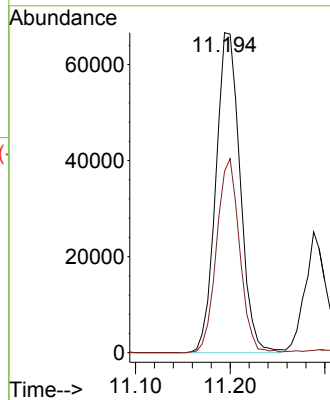
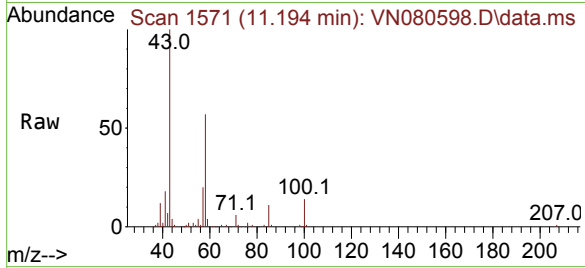




#59
2-Hexanone
Concen: 27.235 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

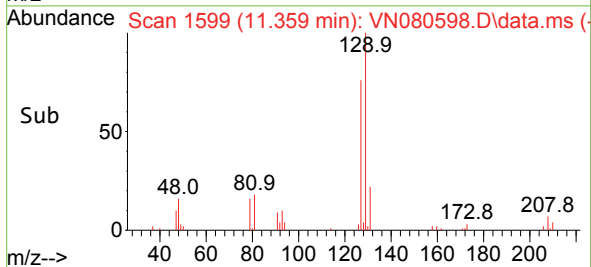
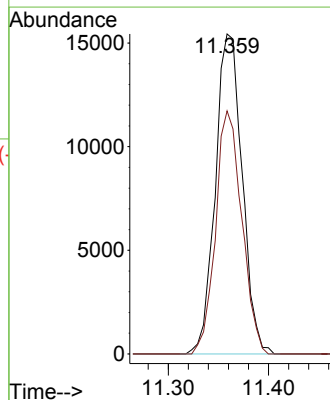
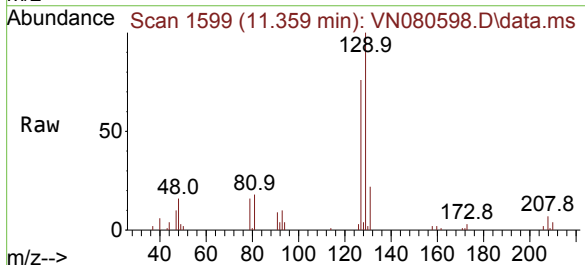
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

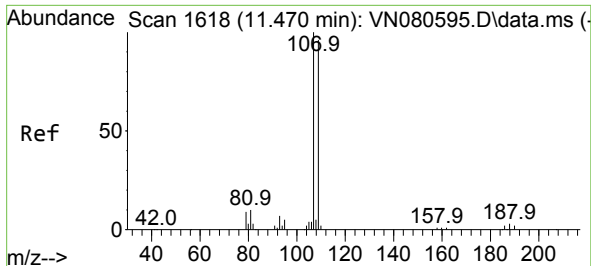
Tgt Ion: 43 Resp: 118510
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 4.923 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 129 Resp: 28693
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0

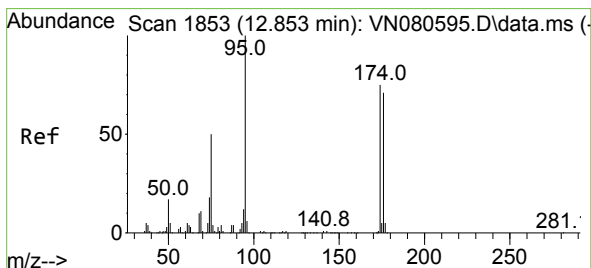
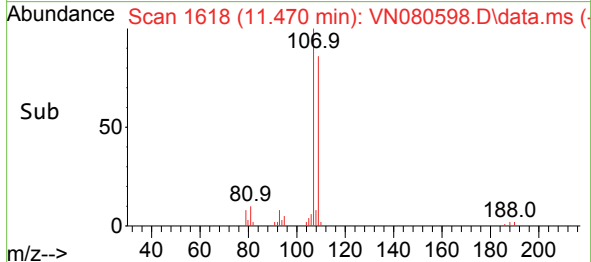
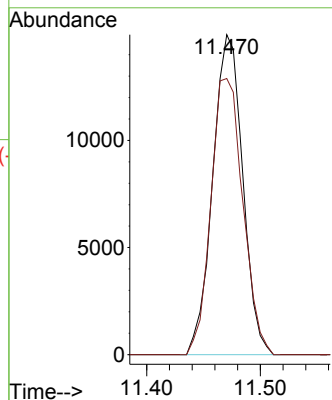
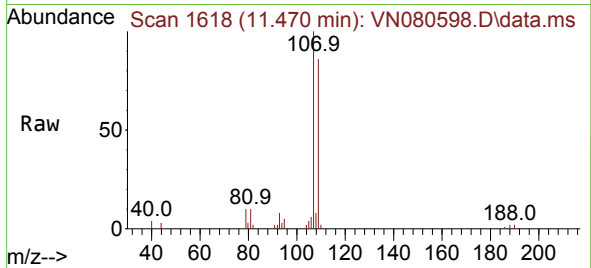




#61
1,2-Dibromoethane
Concen: 5.183 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

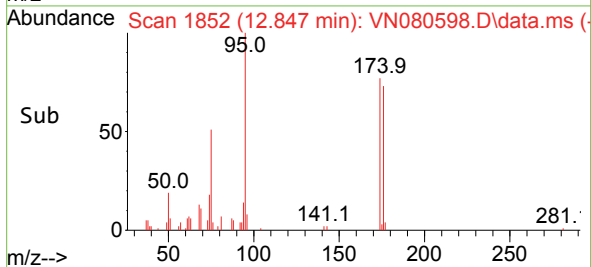
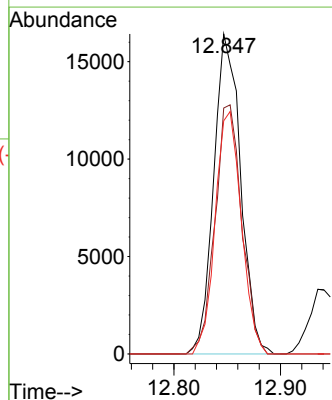
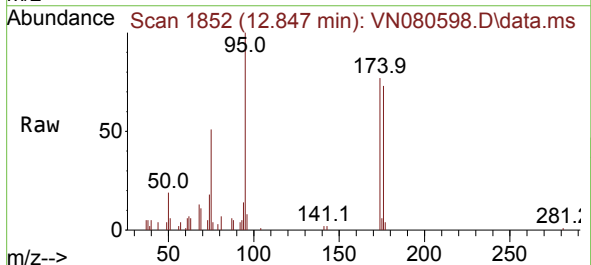
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

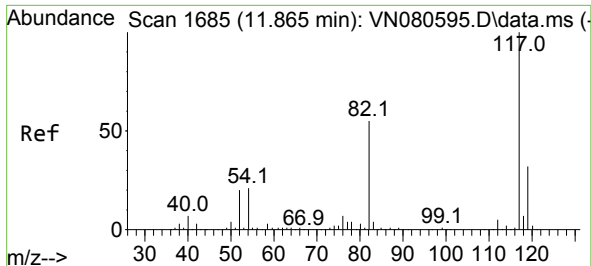
Tgt Ion:107 Resp: 27353
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 4.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 95 Resp: 28764
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 73.9 0.0 135.8

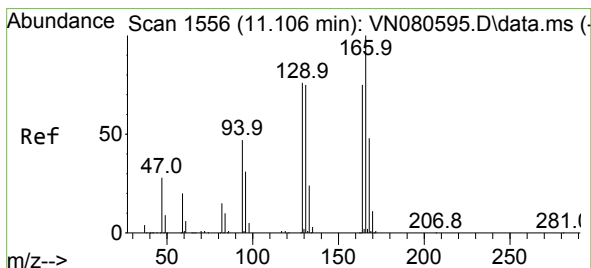
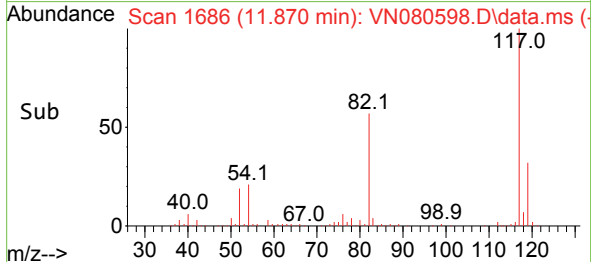
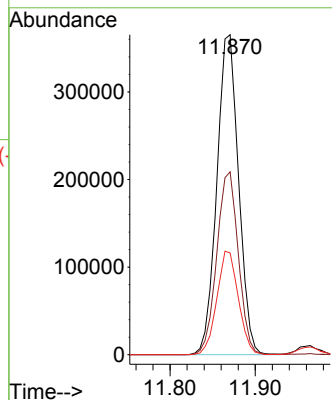
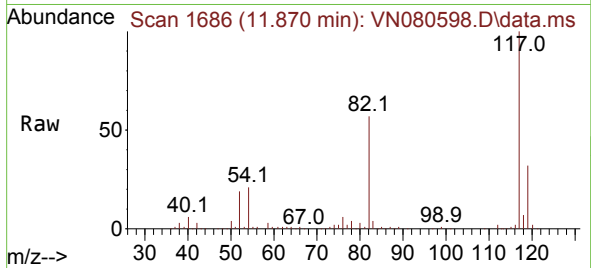




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

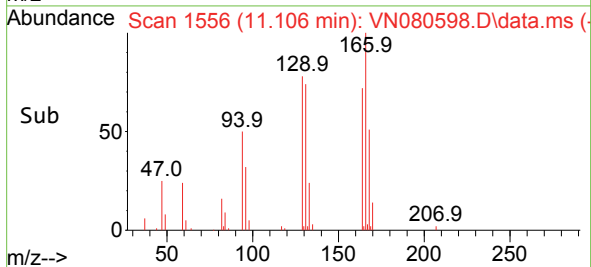
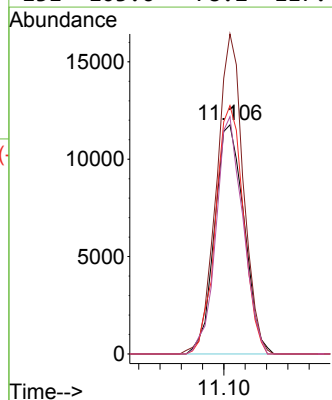
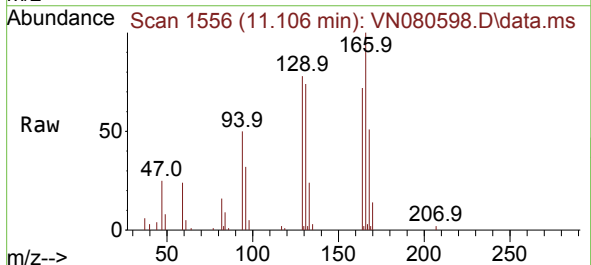
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

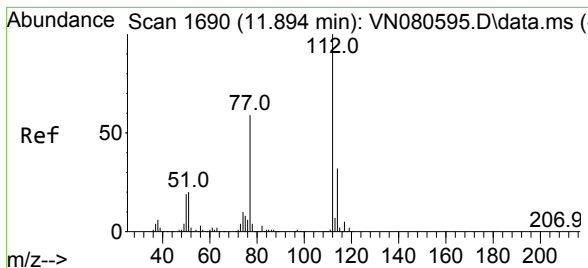
Tgt Ion:117 Resp: 648721
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 5.211 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:164 Resp: 22590
Ion Ratio Lower Upper
164 100
166 139.7 101.4 152.0
129 108.4 82.4 123.6
131 103.6 78.2 117.4

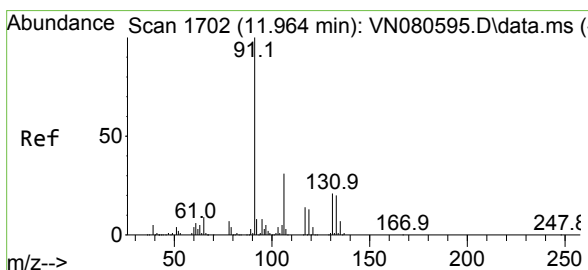
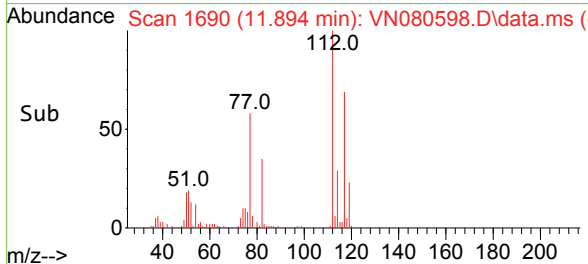
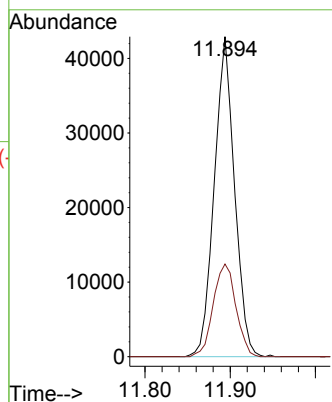
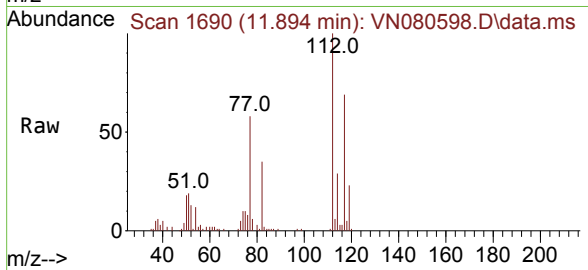




#65
Chlorobenzene
Concen: 5.239 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

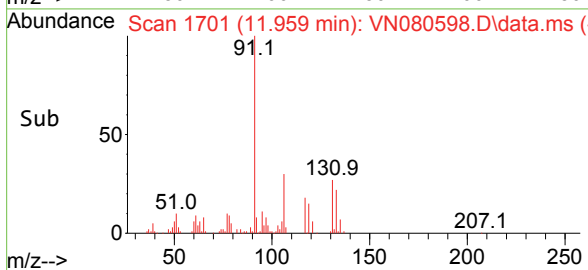
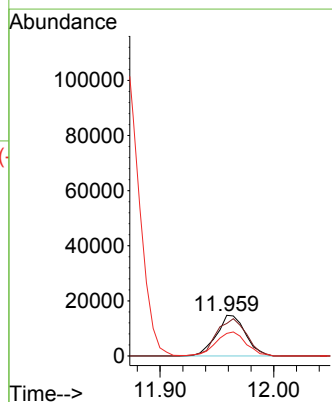
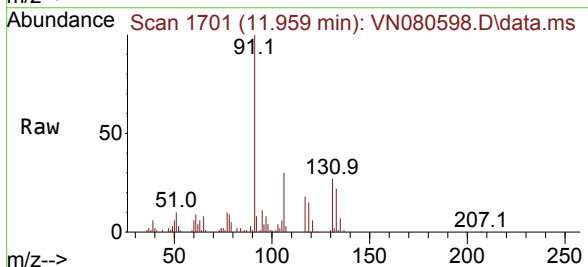
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

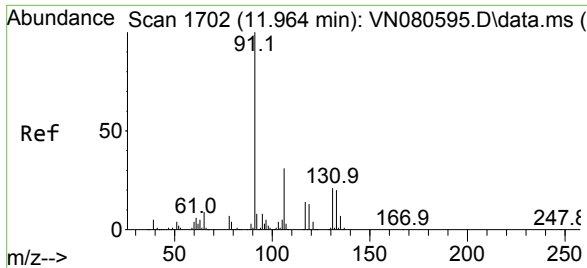
Tgt Ion:112 Resp: 70702
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.034 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:131 Resp: 26130
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 61.6 34.1 102.2





#67

Ethyl Benzene

Concen: 5.129 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

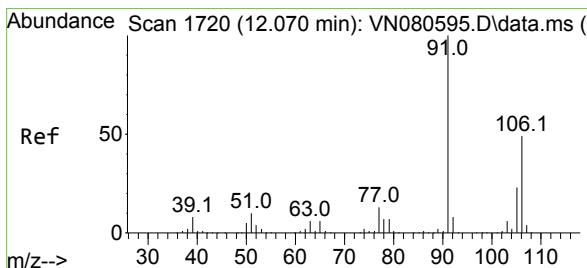
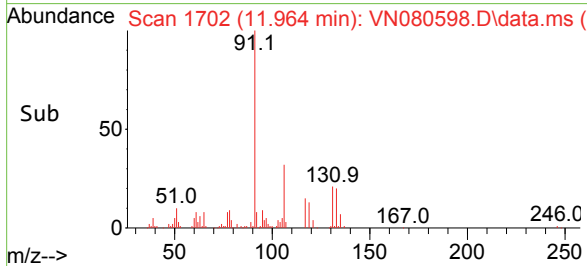
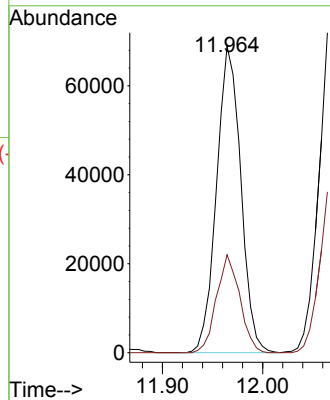
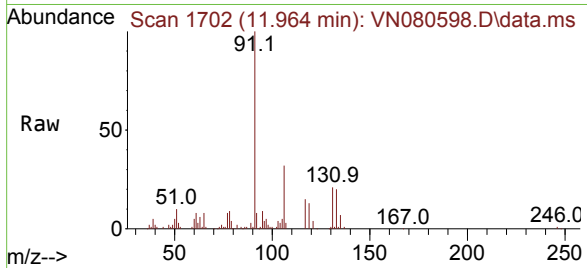
VSTDIC005

Tgt Ion: 91 Resp: 115724

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 10.123 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080598.D

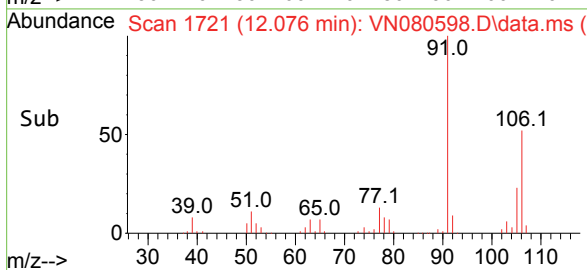
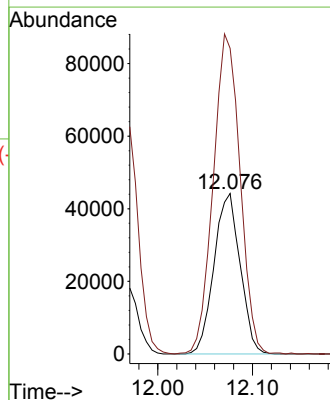
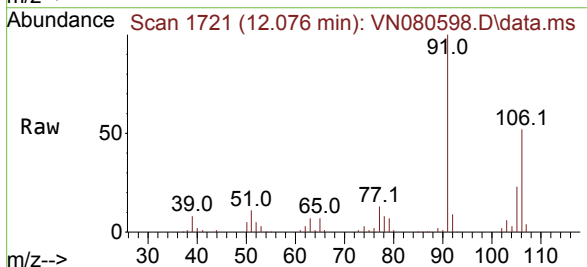
Acq: 27 Dec 2023 12:59

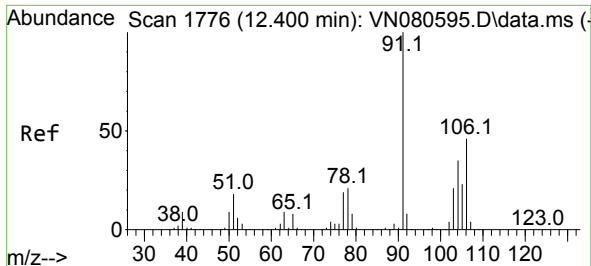
Tgt Ion: 106 Resp: 84747

Ion Ratio Lower Upper

106 100

91 204.7 159.6 239.4

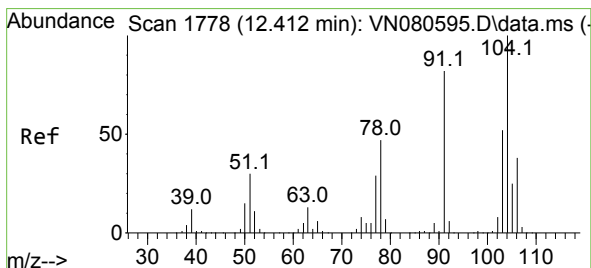
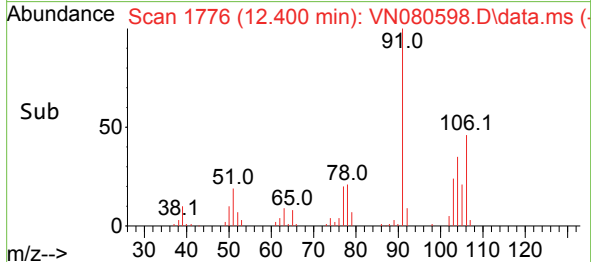
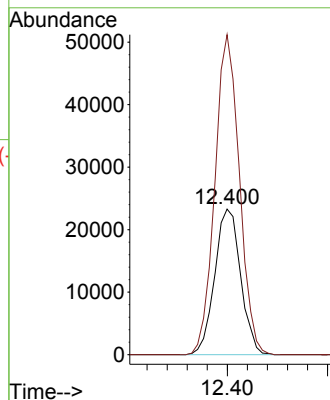
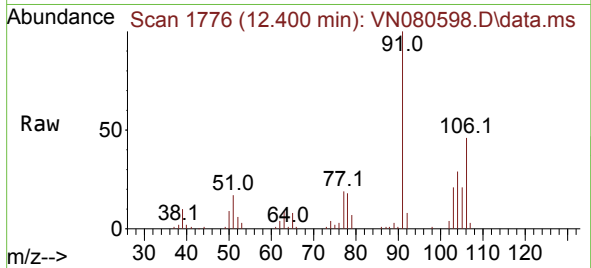




#69
o-Xylene
Concen: 5.069 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

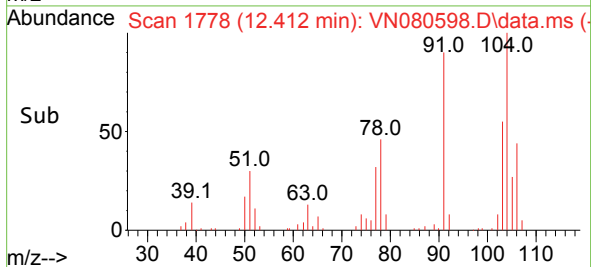
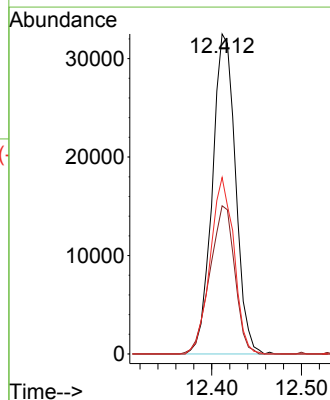
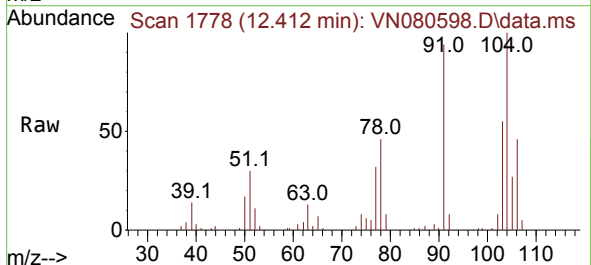
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

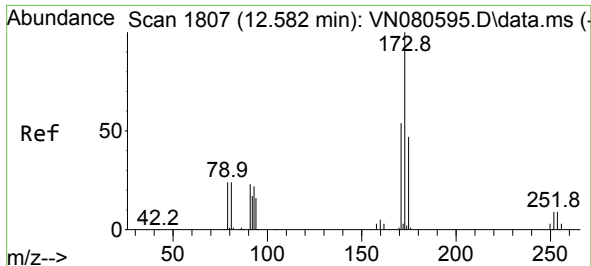
Tgt Ion:106 Resp: 41680
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5



#70
Styrene
Concen: 4.884 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:104 Resp: 58389
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 56.2 43.2 64.8

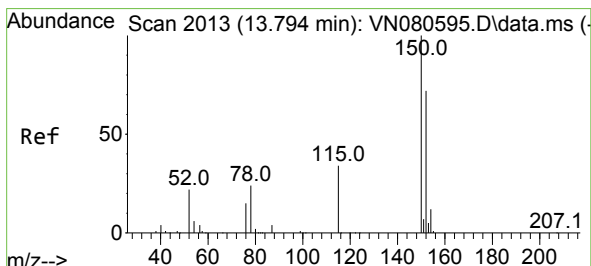
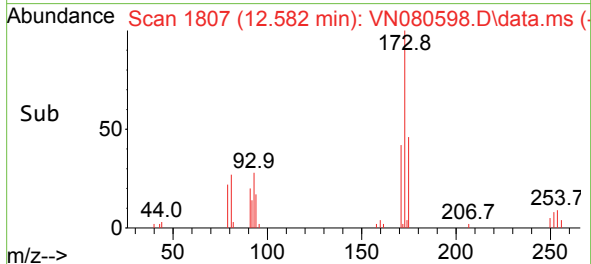
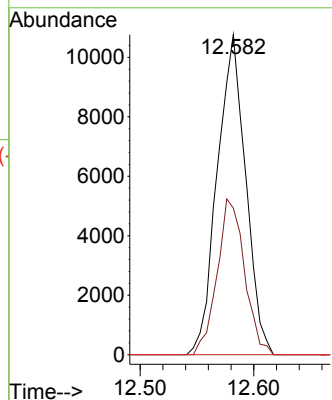
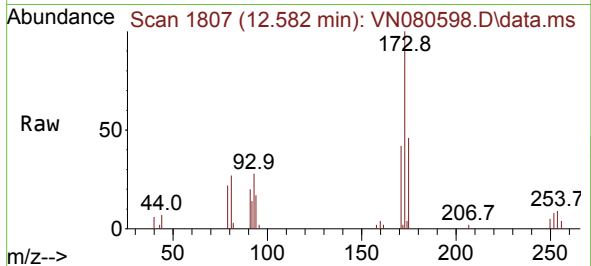




#71
Bromoform
Concen: 5.096 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

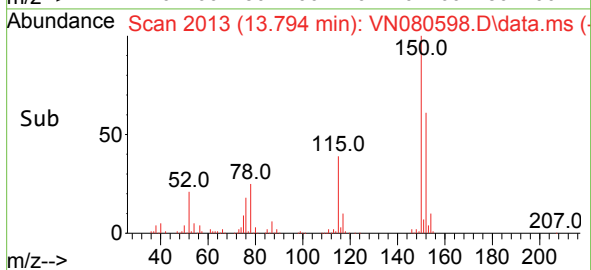
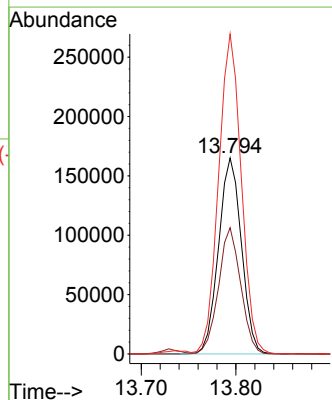
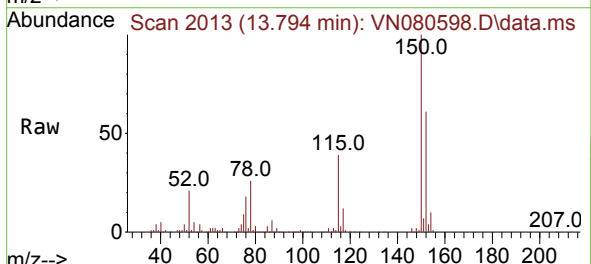
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

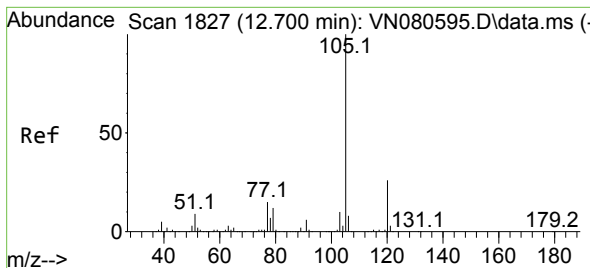
Tgt Ion:173 Resp: 18713
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion:152 Resp: 277031
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 162.1 0.0 355.8





#73

Isopropylbenzene

Concen: 5.274 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

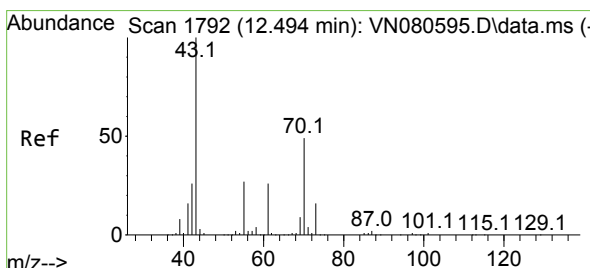
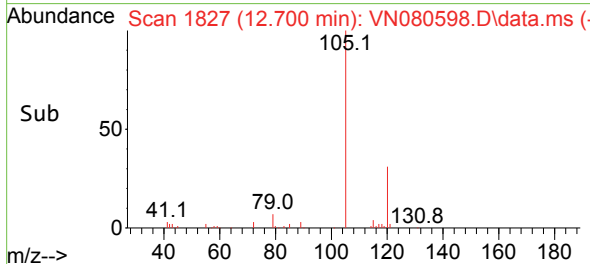
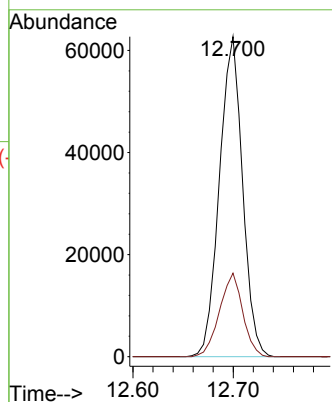
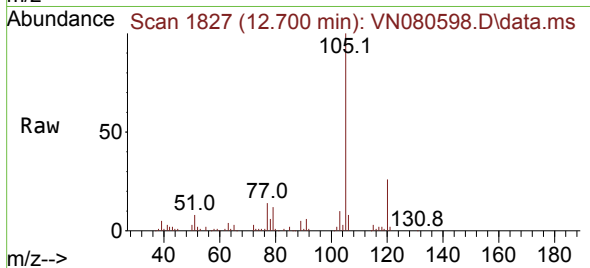
VSTDIC005

Tgt Ion:105 Resp: 100009

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 5.316 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Tgt Ion: 43 Resp: 35562

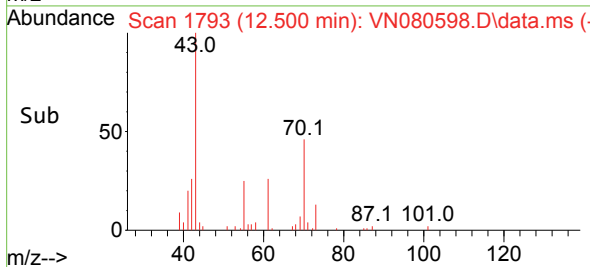
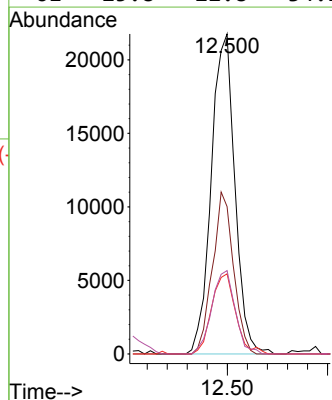
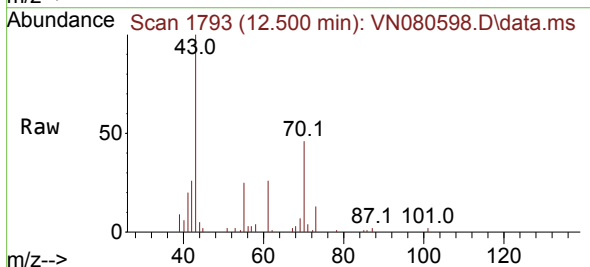
Ion Ratio Lower Upper

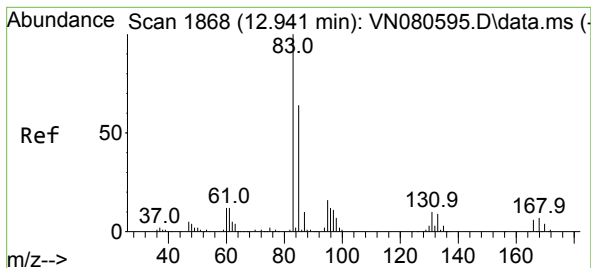
43 100

70 45.1 43.4 65.2

55 25.5 21.4 32.0

61 25.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.588 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

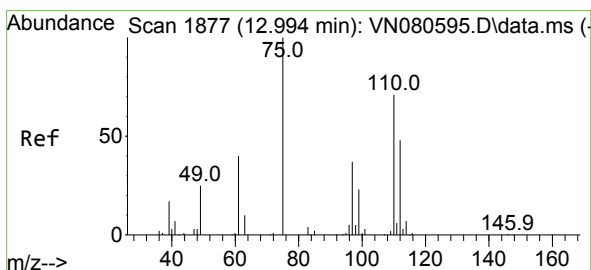
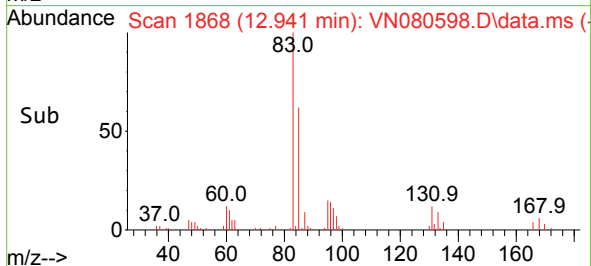
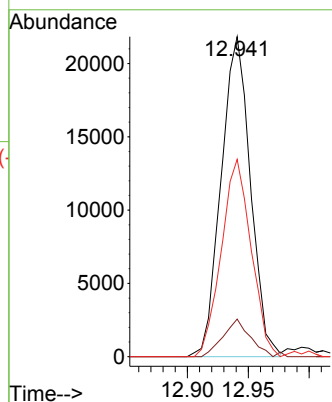
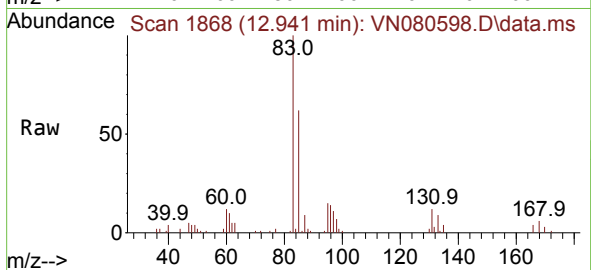
Tgt Ion: 83 Resp: 36563

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

85 62.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 7.563 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080598.D

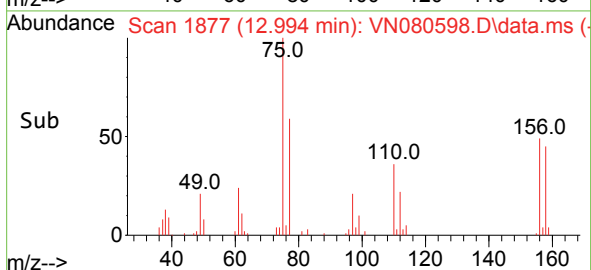
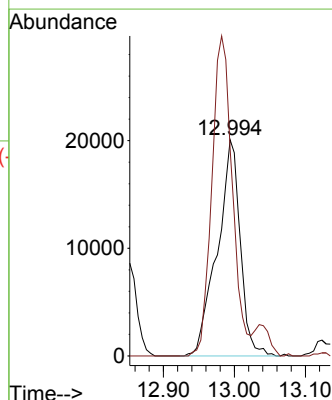
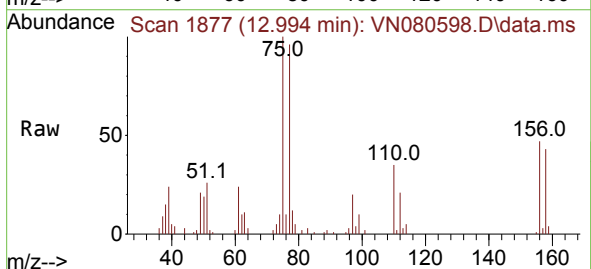
Acq: 27 Dec 2023 12:59

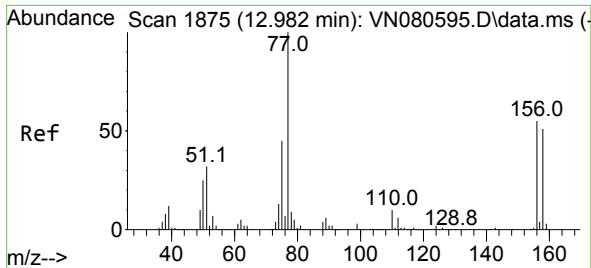
Tgt Ion: 75 Resp: 45063

Ion Ratio Lower Upper

75 100

77 132.3 84.5 253.5

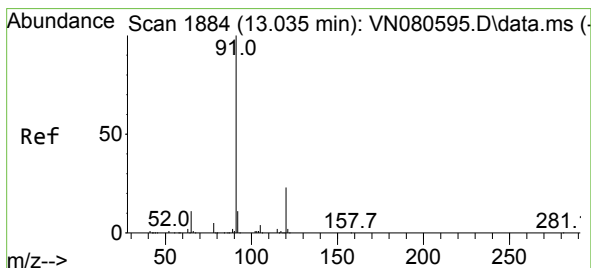
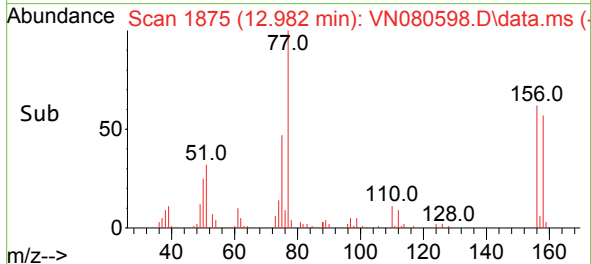
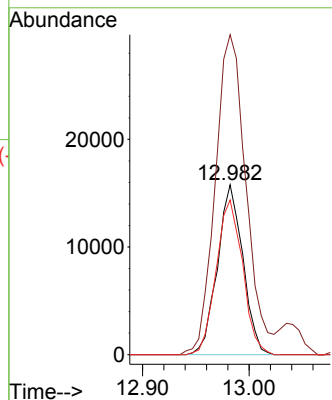
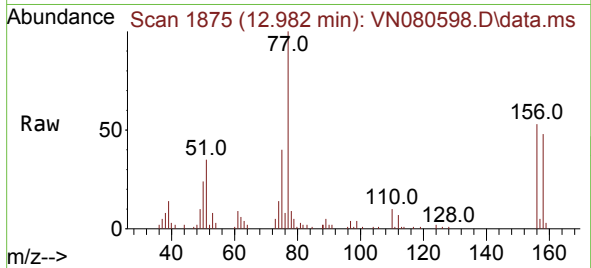




#77
Bromobenzene
Concen: 5.199 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

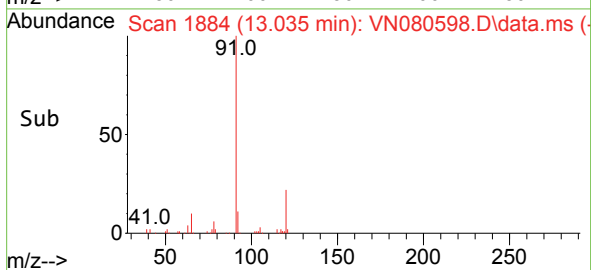
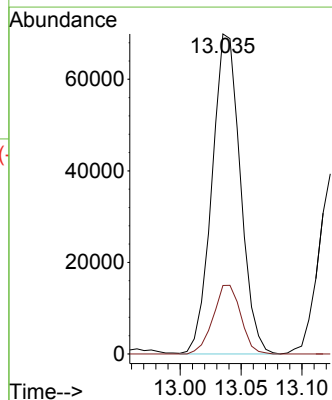
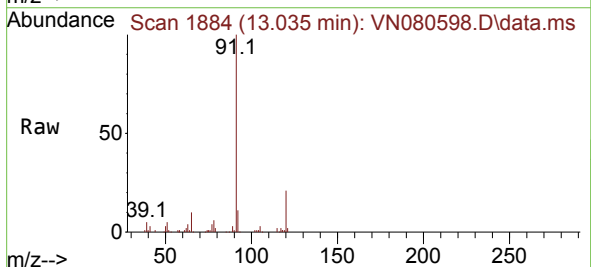
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

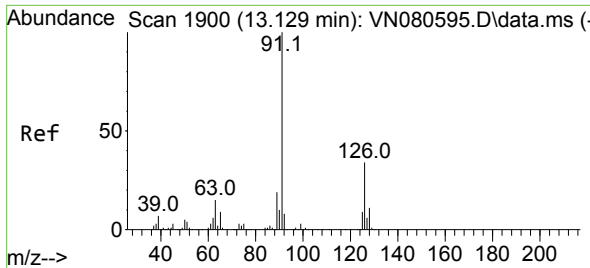
Tgt Ion:156 Resp: 26184
Ion Ratio Lower Upper
156 100
77 227.6 107.7 323.3
158 94.4 48.4 145.3



#78
n-propylbenzene
Concen: 5.228 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 91 Resp: 113360
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4

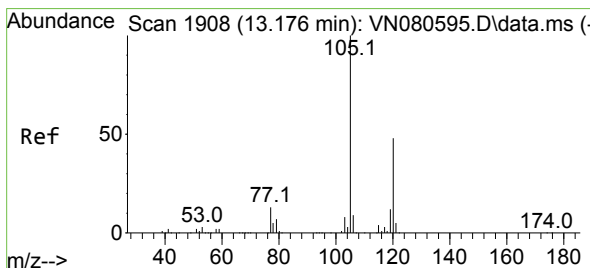
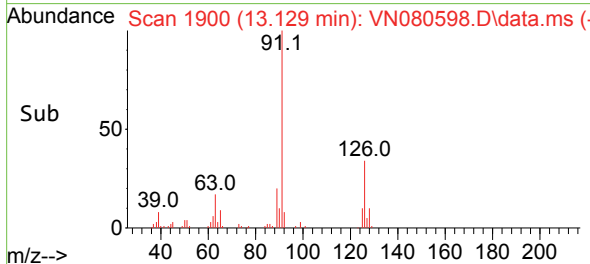
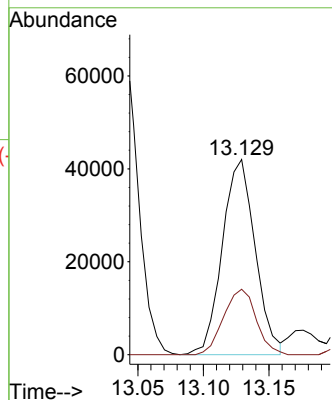
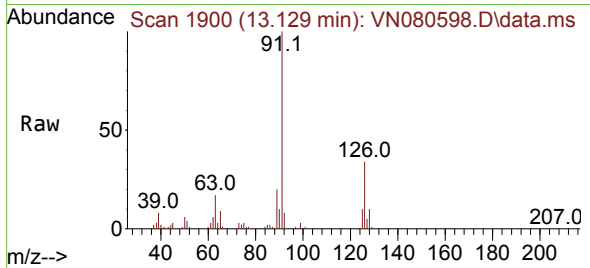




#79
2-Chlorotoluene
Concen: 5.176 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

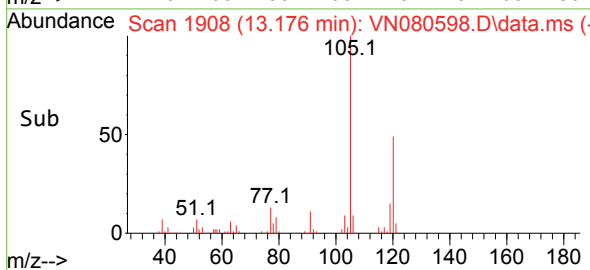
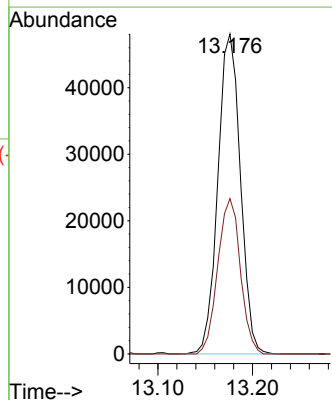
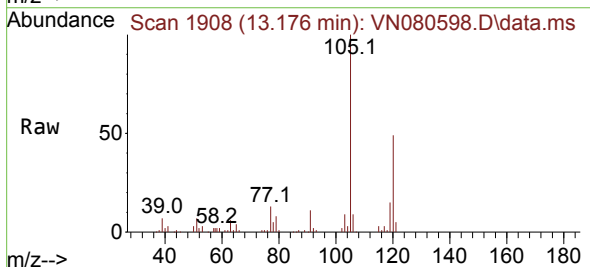
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

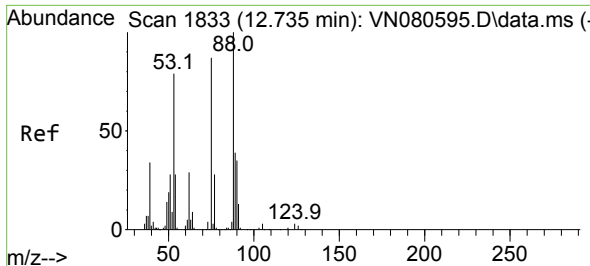
Tgt Ion: 91 Resp: 73262
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 4.963 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 105 Resp: 79465
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

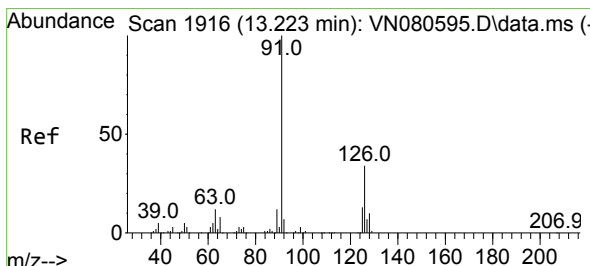
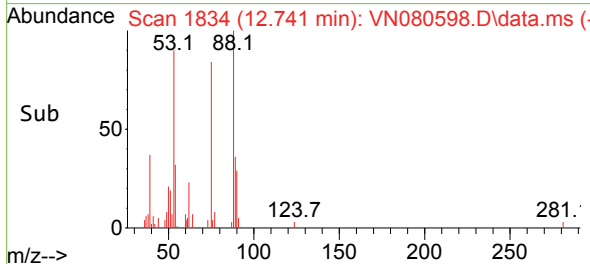
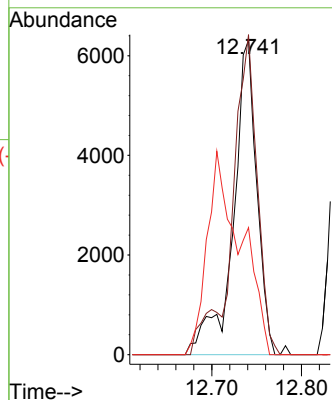
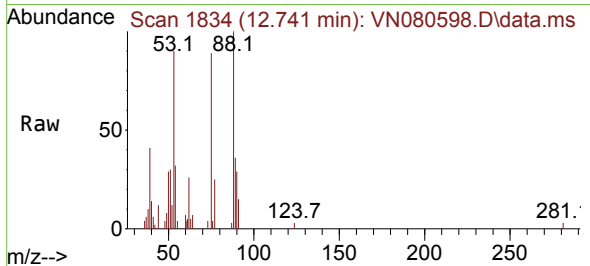




#81
trans-1,4-Dichloro-2-butene
Concen: 5.229 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

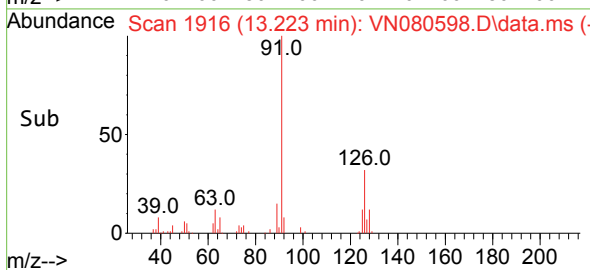
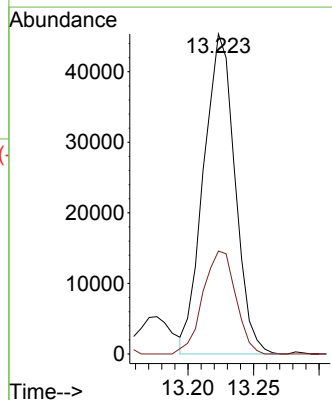
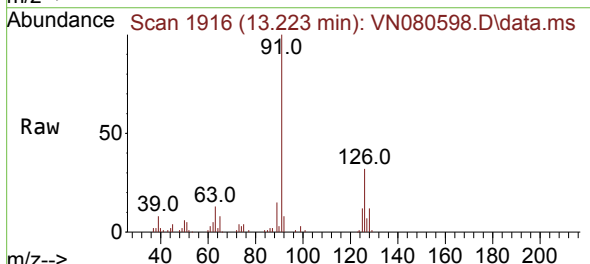
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

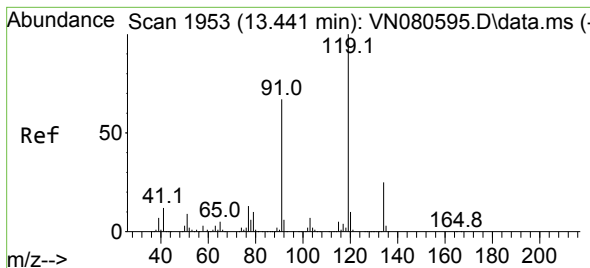
Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
53 107.7 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 5.228 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 91 Resp: 75689
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 4.953 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

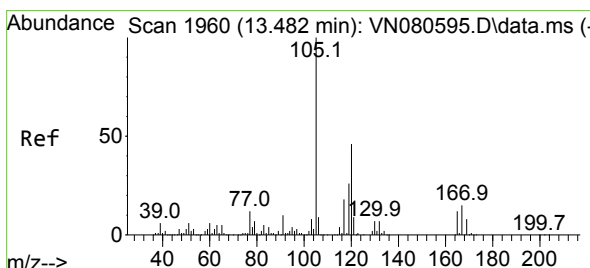
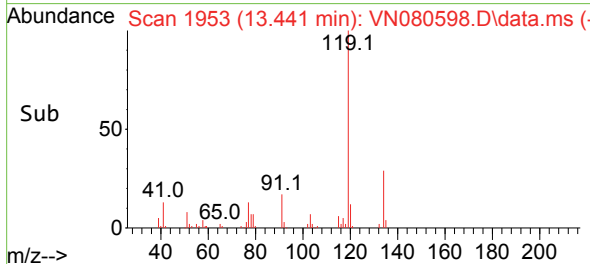
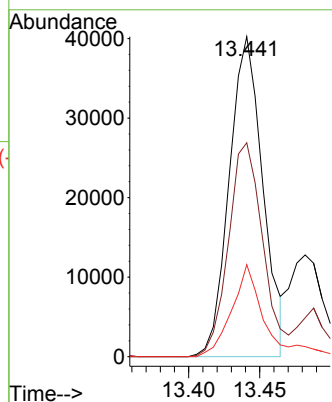
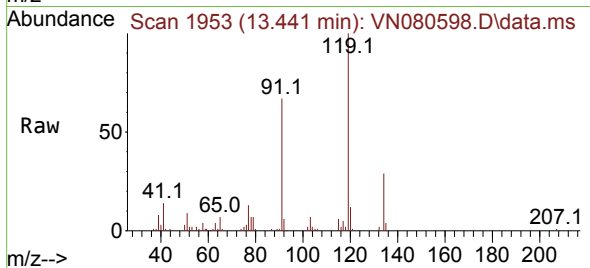
Tgt Ion:119 Resp: 66279

Ion Ratio Lower Upper

119 100

91 68.6 33.9 101.7

134 28.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 5.058 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080598.D

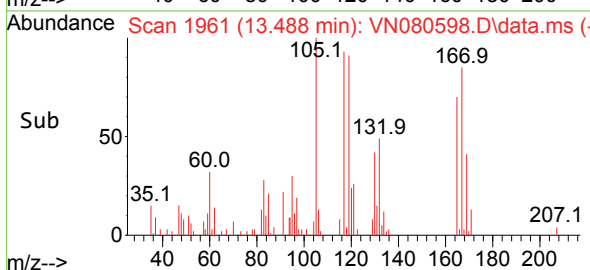
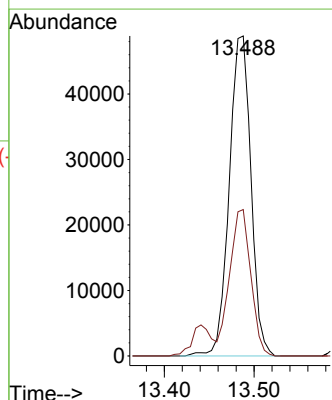
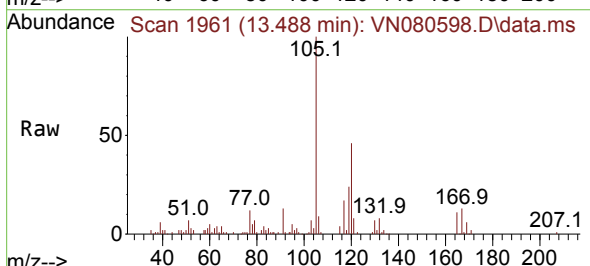
Acq: 27 Dec 2023 12:59

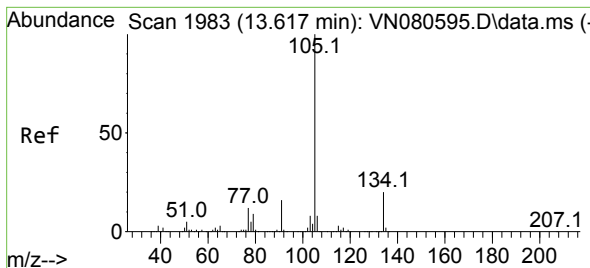
Tgt Ion:105 Resp: 81994

Ion Ratio Lower Upper

105 100

120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 4.953 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

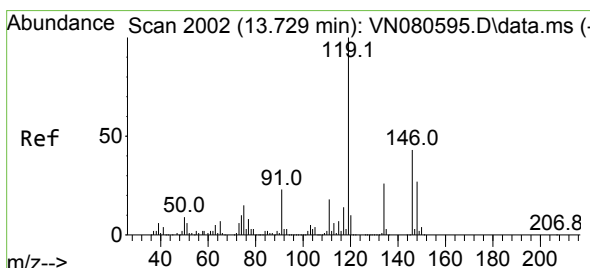
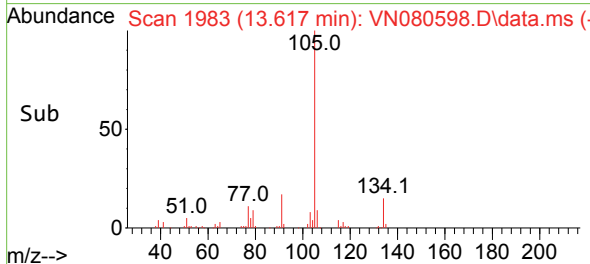
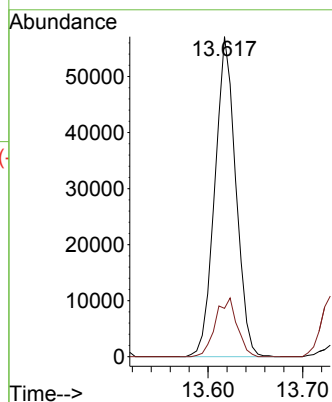
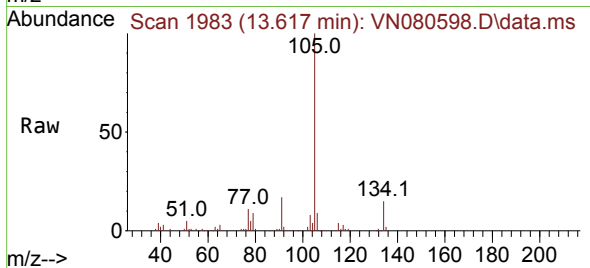
VSTDIC005

Tgt Ion:105 Resp: 87707

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 5.102 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

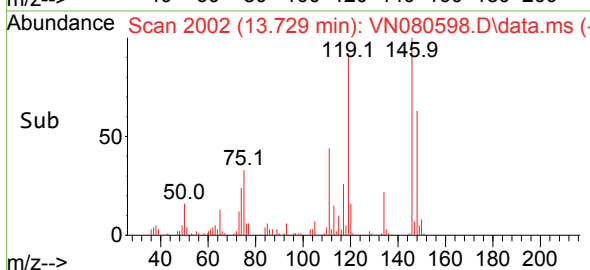
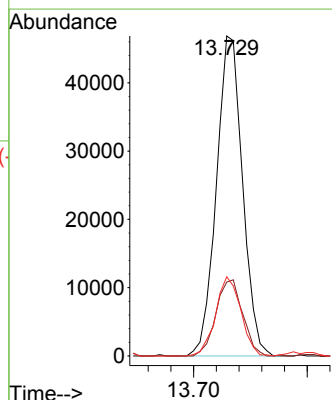
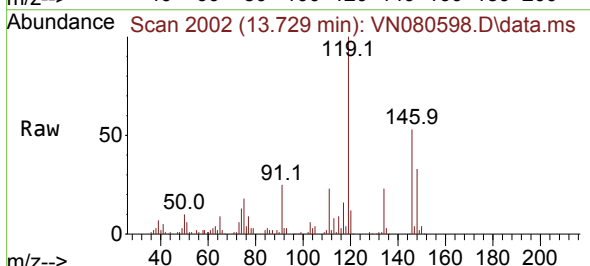
Tgt Ion:119 Resp: 74895

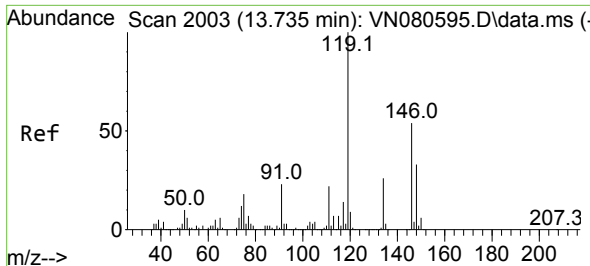
Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.8

91 23.9 12.4 37.2

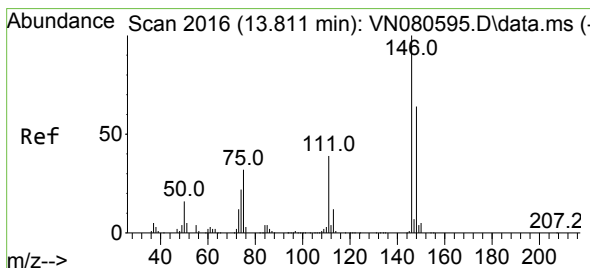
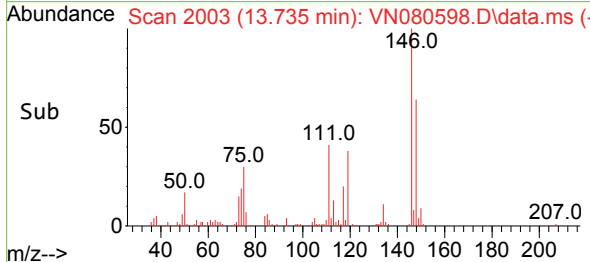
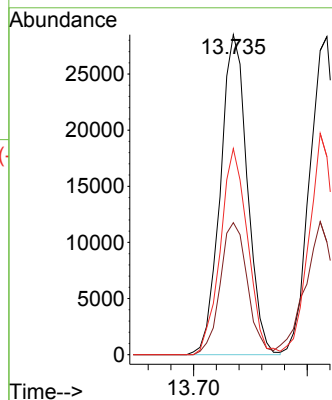
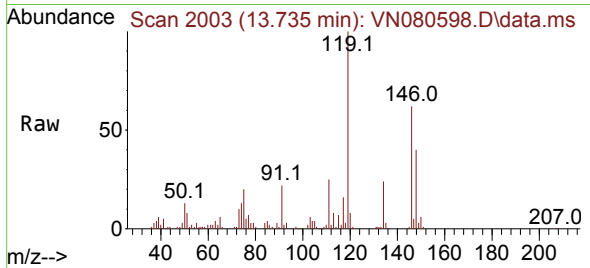




#87
 1,3-Dichlorobenzene
 Concen: 5.179 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

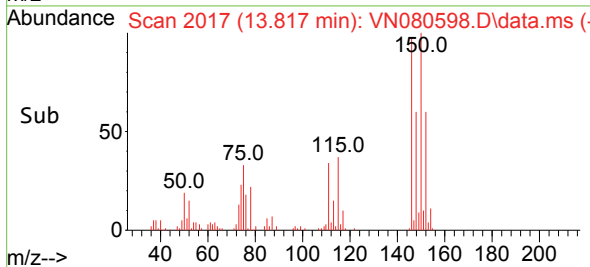
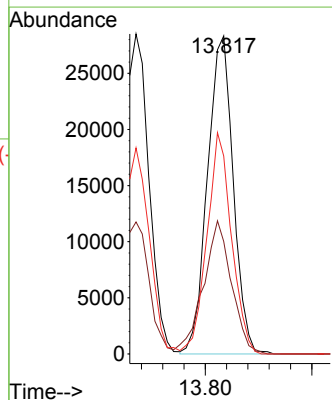
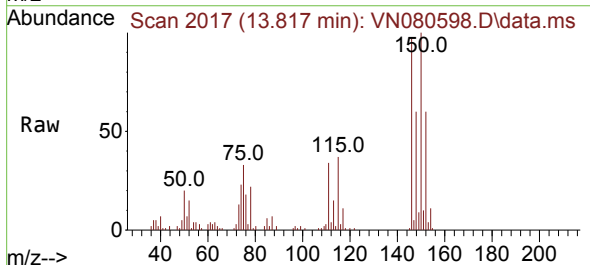
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

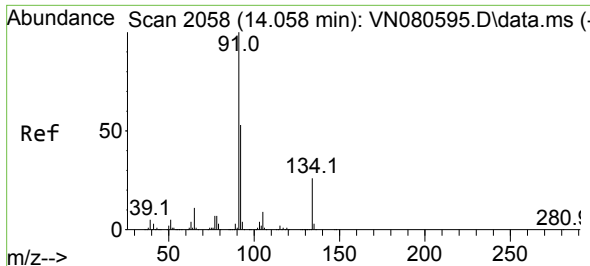
Tgt Ion:146 Resp: 47008
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 65.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.216 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion:146 Resp: 47590
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.6 61.8
 148 66.5 31.6 94.8

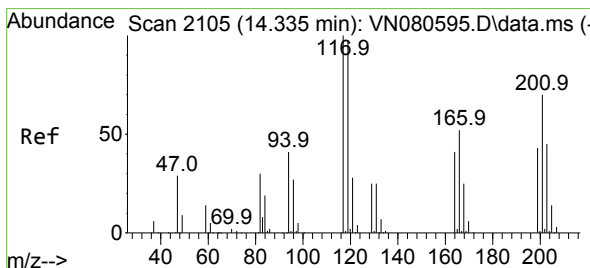
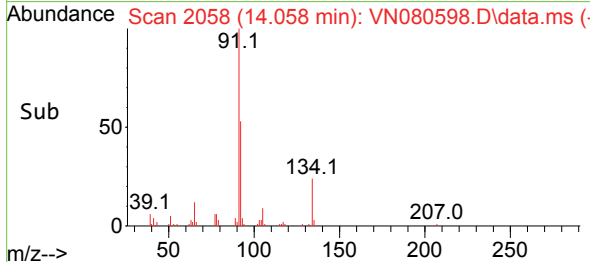
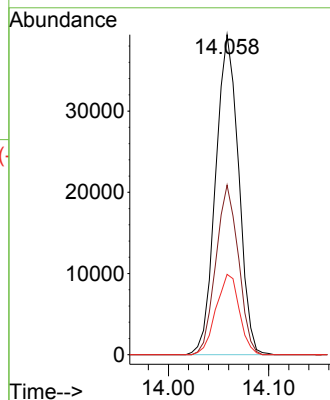
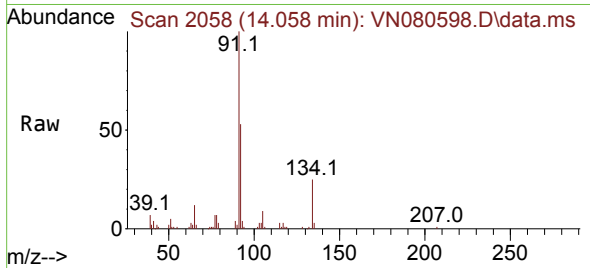




#89
n-Butylbenzene
Concen: 4.727 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

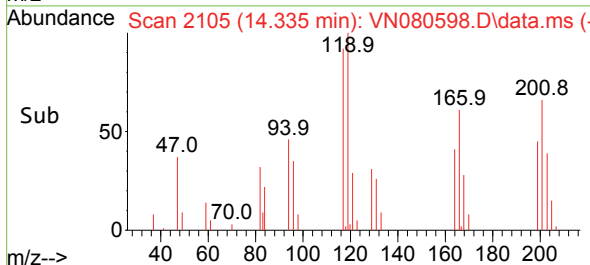
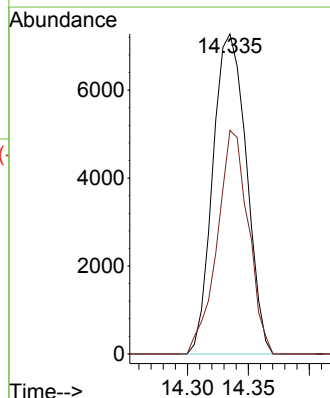
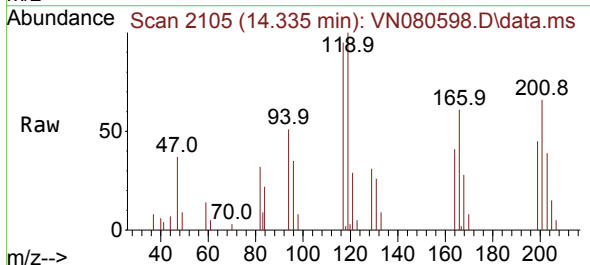
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

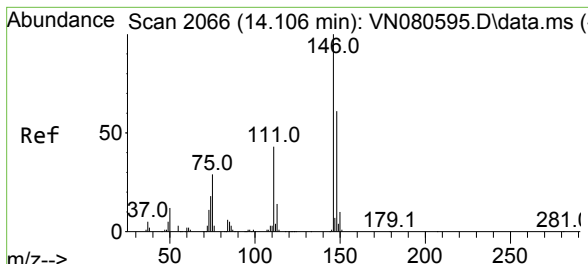
Tgt Ion: 91 Resp: 62552
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 5.040 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080598.D
Acq: 27 Dec 2023 12:59

Tgt Ion: 117 Resp: 13930
Ion Ratio Lower Upper
117 100
201 65.2 29.3 88.0

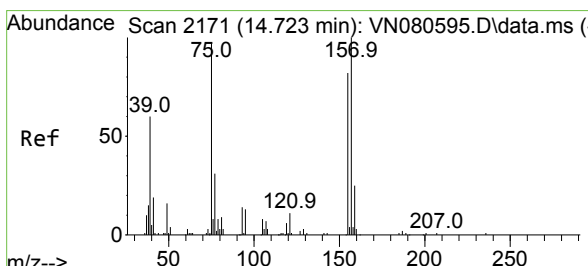
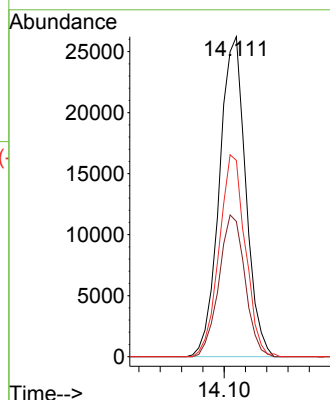
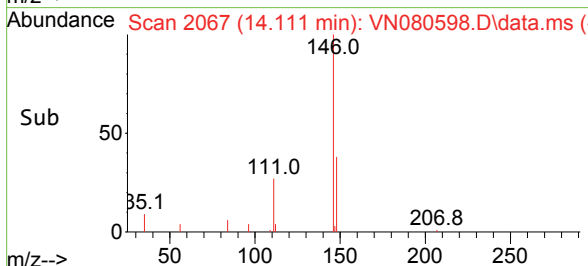
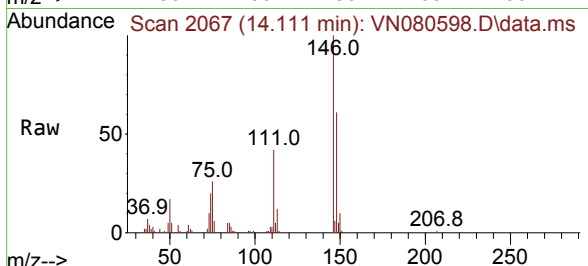




#91
 1,2-Dichlorobenzene
 Concen: 5.132 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

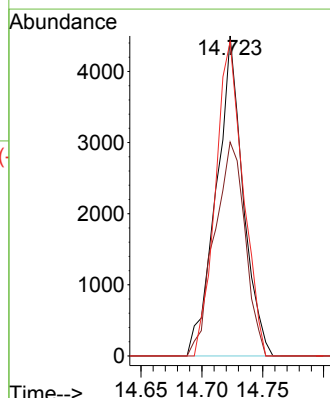
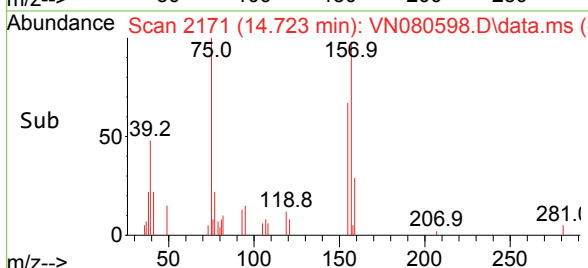
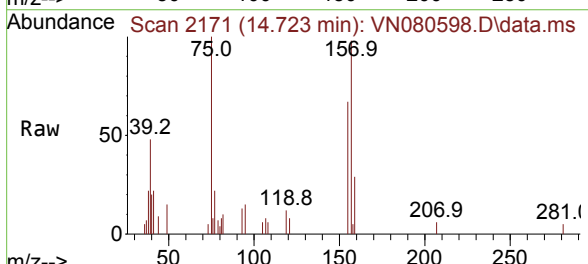
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

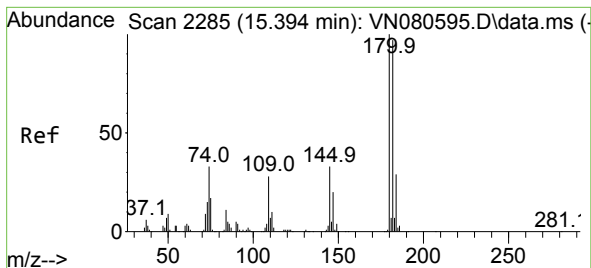
Tgt Ion:	146	Resp:	44955
Ion Ratio	Lower	Upper	
146	100		
111	43.8	22.0	66.0
148	62.7	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.096 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN080598.D
 Acq: 27 Dec 2023 12:59

Tgt Ion:	75	Resp:	6882
Ion Ratio	Lower	Upper	
75	100		
155	76.2	39.1	117.2
157	101.3	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 5.153 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

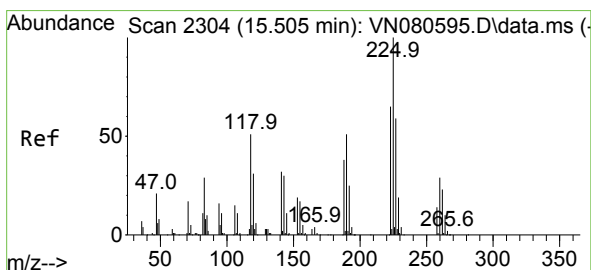
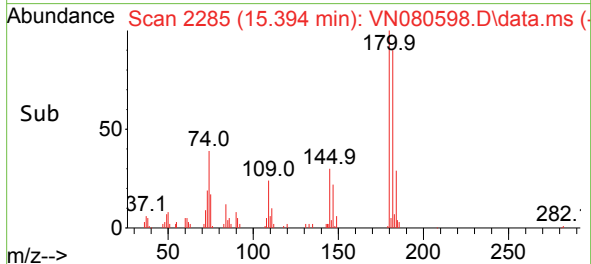
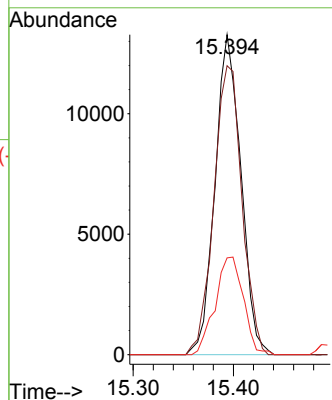
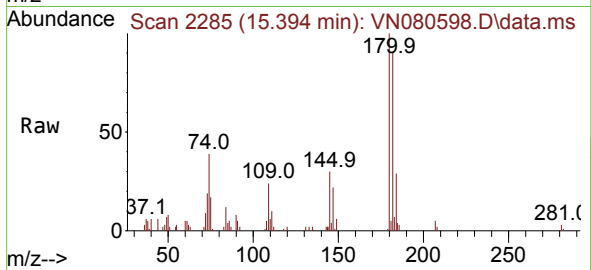
Tgt Ion:180 Resp: 23816

Ion Ratio Lower Upper

180 100

182 98.0 46.1 138.2

145 33.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 4.992 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

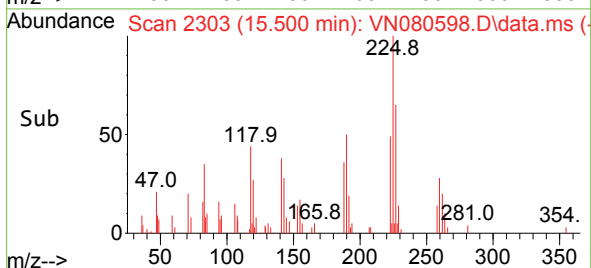
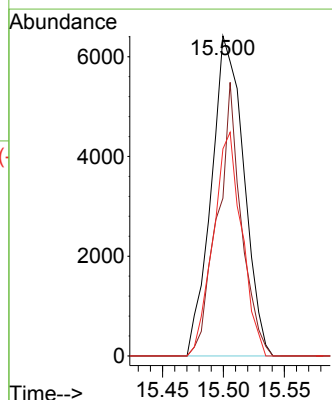
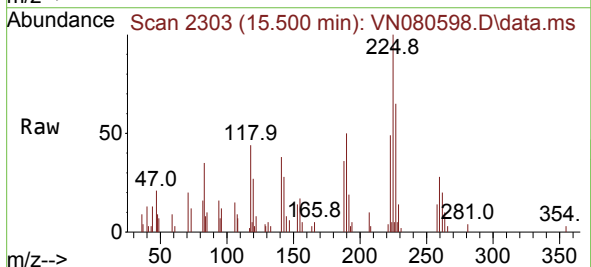
Tgt Ion:225 Resp: 11907

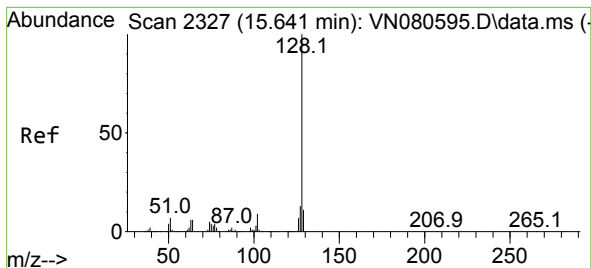
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 61.4 31.9 95.9





#95

Naphthalene

Concen: 4.834 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

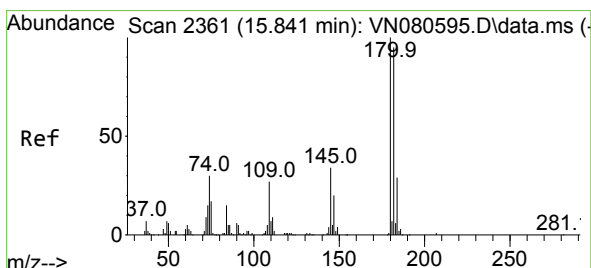
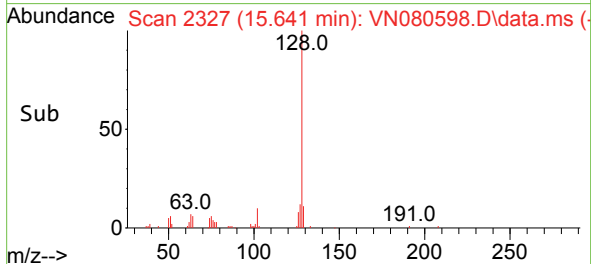
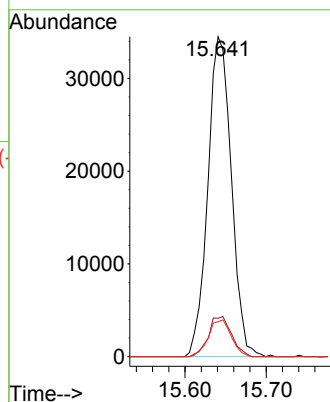
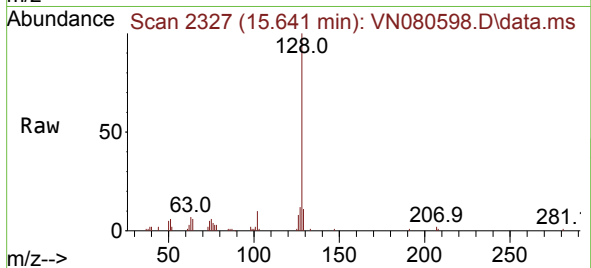
Tgt Ion:128 Resp: 69538

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.836 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080598.D

Acq: 27 Dec 2023 12:59

Tgt Ion:180 Resp: 22598

Ion Ratio Lower Upper

180 100

182 93.7 46.2 138.6

145 34.4 17.5 52.6

