

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083139.D
 Acq On : 07 Aug 2024 12:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 06:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 05:50:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	201859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	15867	5.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.040%#
35) Dibromofluoromethane	8.159	113	12039	5.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.100%#
50) Toluene-d8	10.565	98	43104	5.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.847	95	16776	5.317	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	10.640%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	12045	5.262	ug/l	97
3) Chloromethane	2.359	50	12017	5.128	ug/l	97
4) Vinyl Chloride	2.512	62	11837	4.950	ug/l	96
5) Bromomethane	2.942	94	8328	5.612	ug/l	88
6) Chloroethane	3.106	64	7688	5.139	ug/l	90
7) Trichlorofluoromethane	3.489	101	20242	5.124	ug/l	93
8) Diethyl Ether	3.959	74	7674	5.220	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	11261	5.170	ug/l	99
10) Methyl Iodide	4.595	142	13878	4.844	ug/l #	95
11) Tert butyl alcohol	5.524	59	15685	26.268	ug/l	99
12) 1,1-Dichloroethene	4.342	96	11718	5.237	ug/l	90
13) Acrolein	4.177	56	9615	24.707	ug/l	89
14) Allyl chloride	5.018	41	22183	5.246	ug/l	87
15) Acrylonitrile	5.724	53	31357	25.534	ug/l	96
16) Acetone	4.436	43	27636	24.581	ug/l	97
17) Carbon Disulfide	4.712	76	32908	5.026	ug/l	96
18) Methyl Acetate	5.030	43	17029	5.084	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	41439	5.131	ug/l	93
20) Methylene Chloride	5.271	84	12913	4.991	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	11465	4.957	ug/l	88
22) Diisopropyl ether	6.677	45	39688	4.993	ug/l #	97
23) Vinyl Acetate	6.600	43	221664	27.212	ug/l	97
24) 1,1-Dichloroethane	6.565	63	22058	5.091	ug/l	98
25) 2-Butanone	7.488	43	41750	24.185	ug/l	91
26) 2,2-Dichloropropane	7.494	77	19864	4.937	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	13862	4.967	ug/l	94
28) Bromochloromethane	7.812	49	9874	5.577	ug/l #	85
29) Tetrahydrofuran	7.841	42	28260	25.324	ug/l	89
30) Chloroform	7.965	83	22650	5.032	ug/l	99
31) Cyclohexane	8.265	56	24999	5.871	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	21825	5.123	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	16102	4.907	ug/l	99
37) Ethyl Acetate	7.559	43	17909	4.874	ug/l #	96
38) Carbon Tetrachloride	8.365	117	18728	5.067	ug/l	98
39) Methylcyclohexane	9.600	83	19981	4.957	ug/l	91
40) Benzene	8.606	78	48765	4.988	ug/l	98

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 Misc : 5.0mL/MSVOA_N/WATER
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 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 08 06:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 05:50:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	10086	4.828	ug/l	95
42) 1,2-Dichloroethane	8.671	62	18219	5.116	ug/l	97
43) Isopropyl Acetate	8.694	43	44817	5.438	ug/l #	92
44) Trichloroethene	9.353	130	11830	5.084	ug/l	94
45) 1,2-Dichloropropane	9.624	63	11320	4.878	ug/l	90
46) Dibromomethane	9.712	93	8436	5.079	ug/l	98
47) Bromodichloromethane	9.888	83	18799	5.040	ug/l	98
48) Methyl methacrylate	9.682	41	14704	4.840	ug/l	94
49) 1,4-Dioxane	9.694	88	5239	95.593	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	86679	24.946	ug/l	93
52) Toluene	10.629	92	30769	4.981	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	18964	4.950	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	20431	5.014	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	10913	4.930	ug/l	98
56) Ethyl methacrylate	10.876	69	20661	4.951	ug/l	93
57) 1,3-Dichloropropane	11.165	76	18934	4.799	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.159	63	43528	24.676	ug/l	96
59) 2-Hexanone	11.194	43	66854	24.870	ug/l	95
60) Dibromochloromethane	11.359	129	13307	4.972	ug/l	97
61) 1,2-Dibromoethane	11.471	107	11523	4.955	ug/l	96
64) Tetrachloroethene	11.106	164	9517	4.896	ug/l	96
65) Chlorobenzene	11.894	112	32114	4.951	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	11758	5.140	ug/l	94
67) Ethyl Benzene	11.965	91	59648	5.013	ug/l	97
68) m/p-Xylenes	12.070	106	44572	10.000	ug/l	96
69) o-Xylene	12.400	106	22003	5.005	ug/l	99
70) Styrene	12.412	104	37023	5.014	ug/l	98
71) Bromoform	12.582	173	8085	4.665	ug/l #	89
73) Isopropylbenzene	12.694	105	56741	5.080	ug/l	100
74) N-amyl acetate	12.494	43	27393	5.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	16514	5.227	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	22715	7.738	ug/l	46
77) Bromobenzene	12.982	156	13024	5.249	ug/l	94
78) n-propylbenzene	13.035	91	64751	5.035	ug/l	99
79) 2-Chlorotoluene	13.123	91	41176	5.050	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	47581	5.088	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	7079	5.254	ug/l	92
82) 4-Chlorotoluene	13.223	91	41137	5.030	ug/l	97
83) tert-Butylbenzene	13.435	119	42723	5.159	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	47965	5.090	ug/l	98
85) sec-Butylbenzene	13.617	105	56947	5.040	ug/l	98
86) p-Isopropyltoluene	13.729	119	47654	5.108	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	22814	4.887	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	23971	5.093	ug/l	94
89) n-Butylbenzene	14.053	91	40282	4.983	ug/l	99
90) Hexachloroethane	14.335	117	9298	5.158	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	23116	5.117	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4097	5.345	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	11922	4.710	ug/l	94
94) Hexachlorobutadiene	15.500	225	5946	5.282	ug/l	93
95) Naphthalene	15.641	128	43131	4.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	12285	4.905	ug/l	94

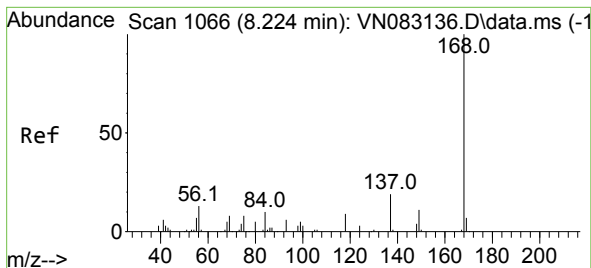
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
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Operator : JC\MD
Sample : VSTDICC005
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
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VSTDICC005

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 05:50:26 2024
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. -0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

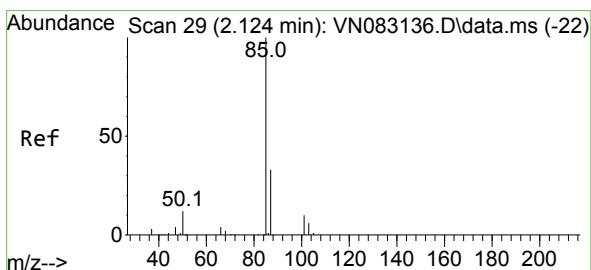
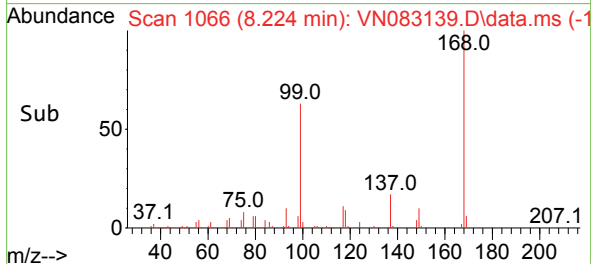
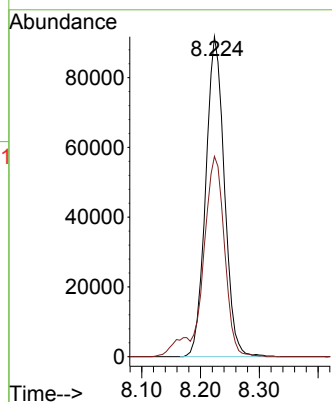
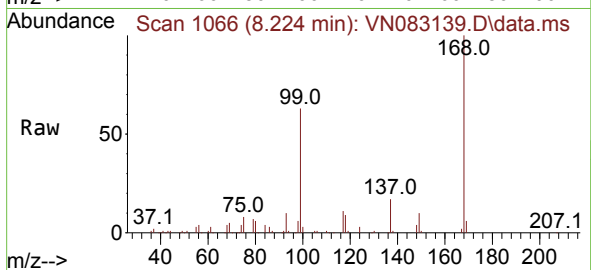
VSTDIC005

Tgt Ion:168 Resp: 201859

Ion Ratio Lower Upper

168 100

99 62.6 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 5.262 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN083139.D

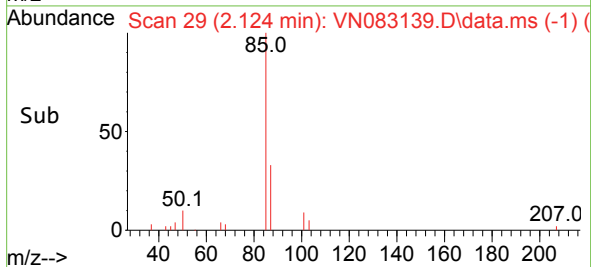
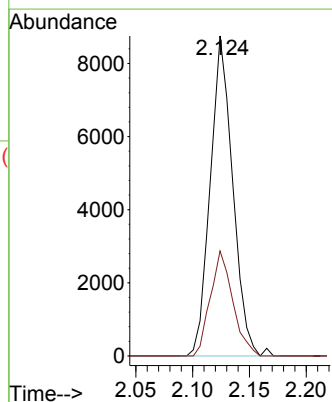
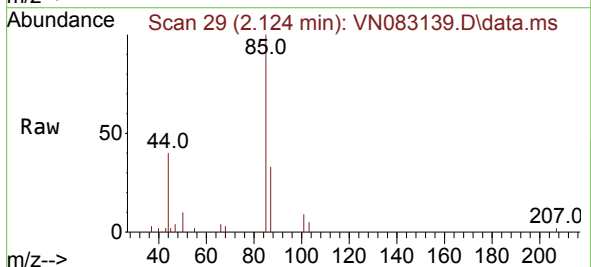
Acq: 07 Aug 2024 12:10

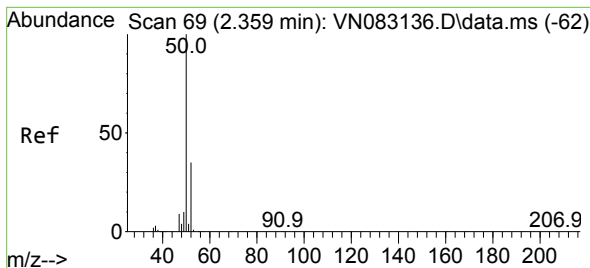
Tgt Ion: 85 Resp: 12045

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.0





#3

Chloromethane

Concen: 5.128 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

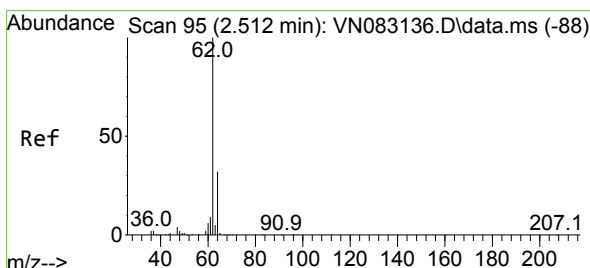
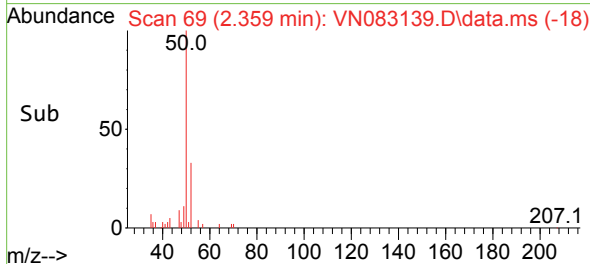
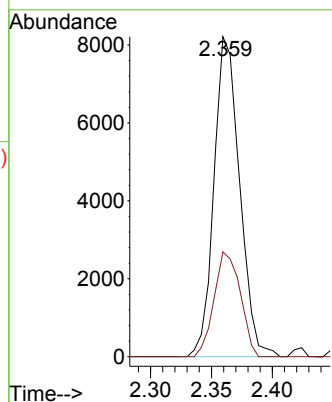
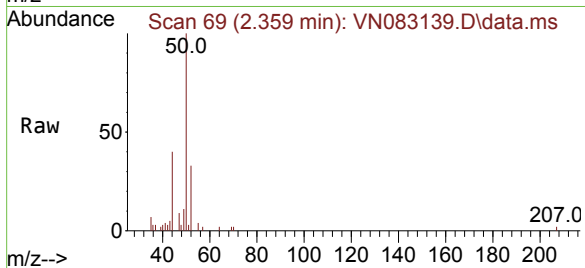
VSTDIC005

Tgt Ion: 50 Resp: 12017

Ion Ratio Lower Upper

50 100

52 32.7 25.0 37.4



#4

Vinyl Chloride

Concen: 4.950 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083139.D

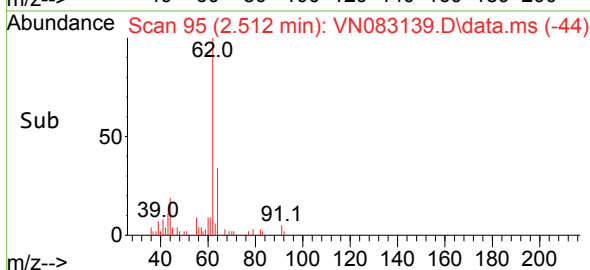
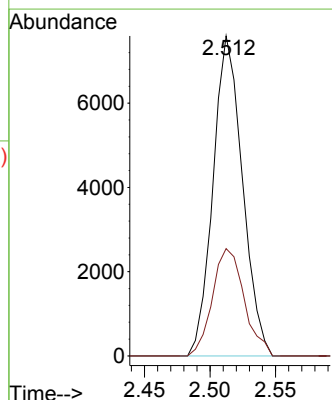
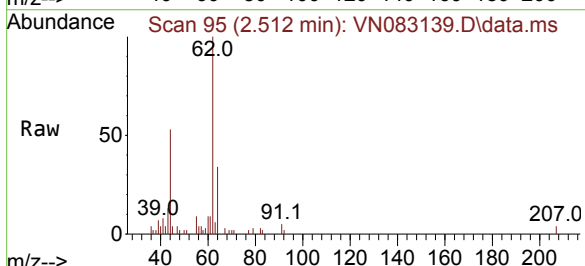
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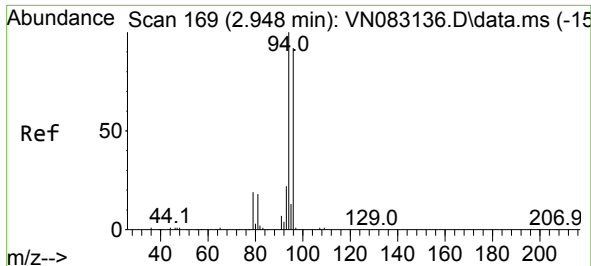
Tgt Ion: 62 Resp: 11837

Ion Ratio Lower Upper

62 100

64 33.6 25.0 37.6

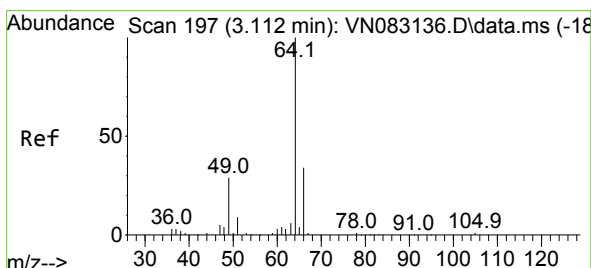
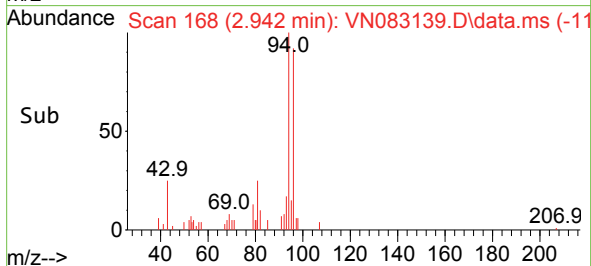
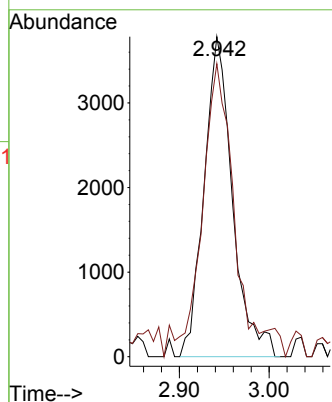
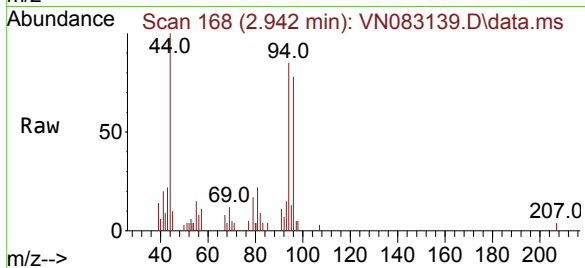




#5
Bromomethane
Concen: 5.612 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

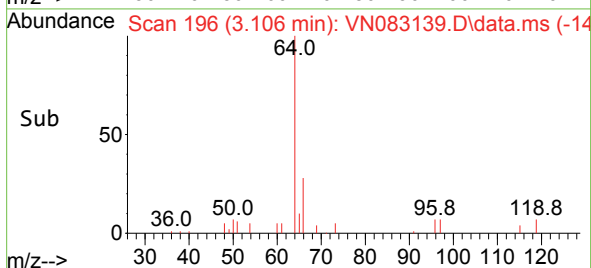
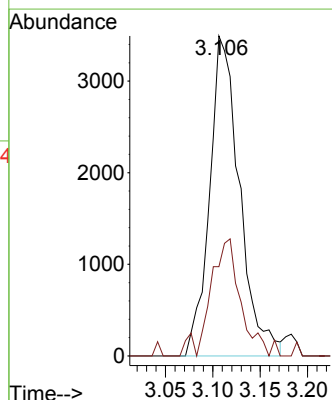
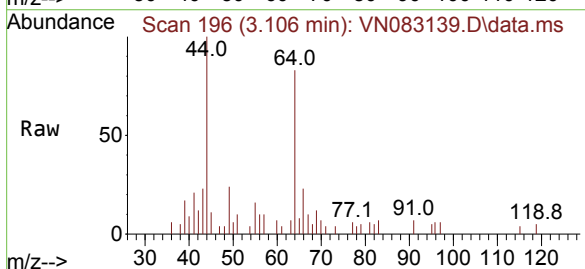
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

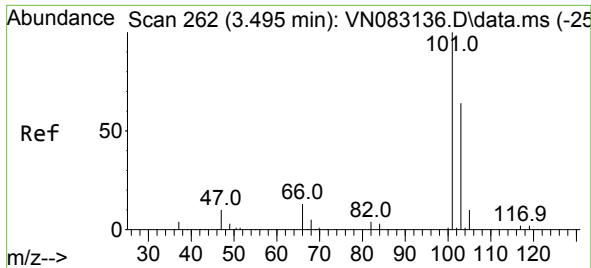
Tgt Ion: 94 Resp: 8328
Ion Ratio Lower Upper
94 100
96 85.3 78.0 117.0



#6
Chloroethane
Concen: 5.139 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 64 Resp: 7688
Ion Ratio Lower Upper
64 100
66 27.9 26.6 40.0

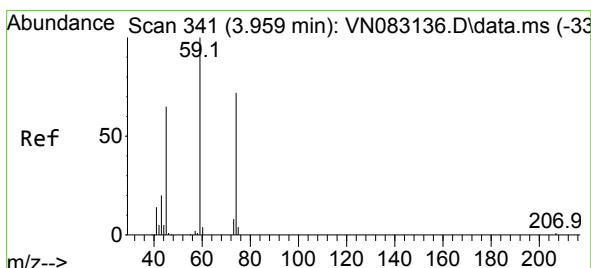
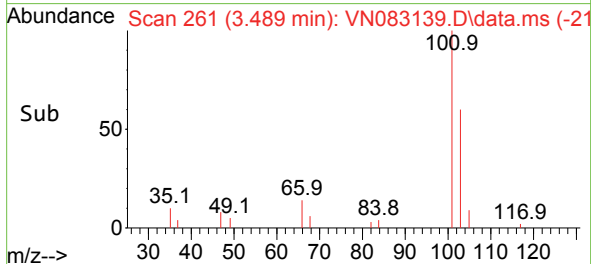
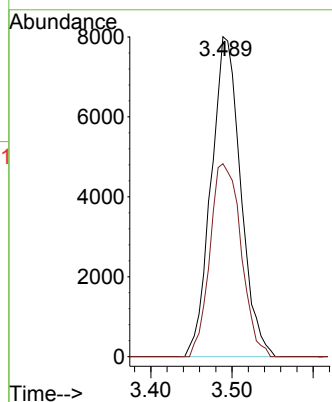
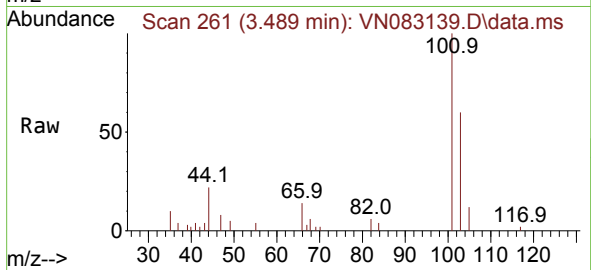




#7
Trichlorofluoromethane
Concen: 5.124 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

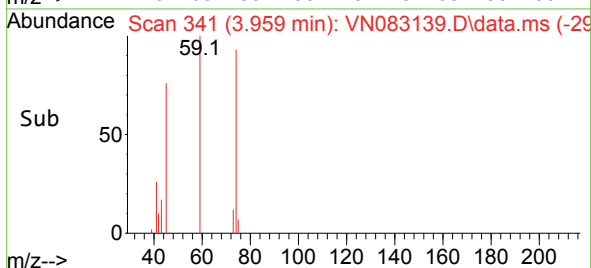
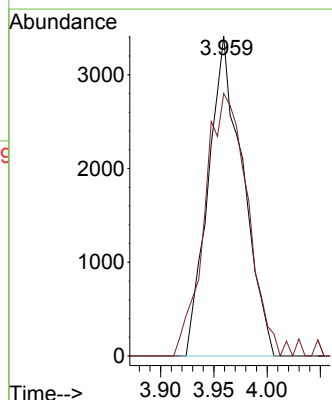
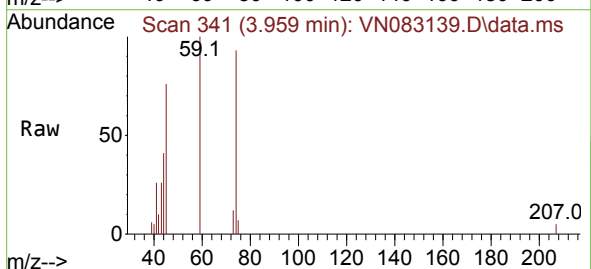
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

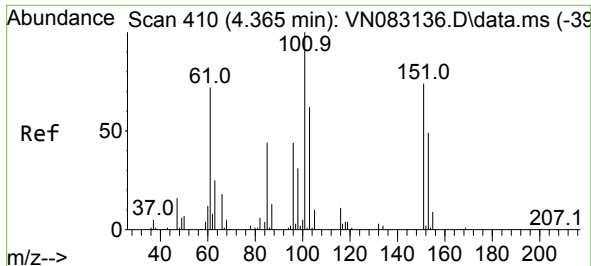
Tgt Ion:101 Resp: 20242
Ion Ratio Lower Upper
101 100
103 60.3 52.7 79.1



#8
Diethyl Ether
Concen: 5.220 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 74 Resp: 7674
Ion Ratio Lower Upper
74 100
45 101.8 55.5 166.3

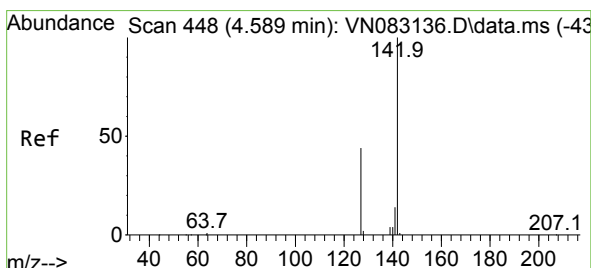
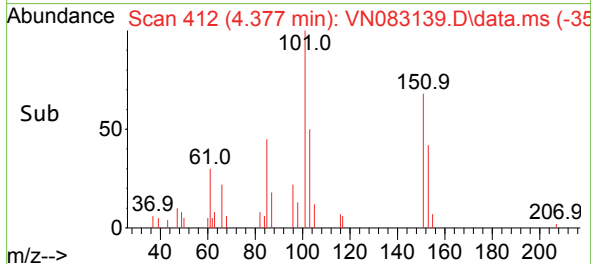
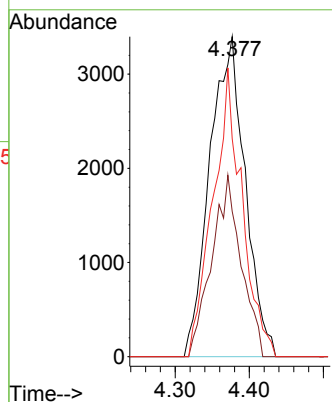
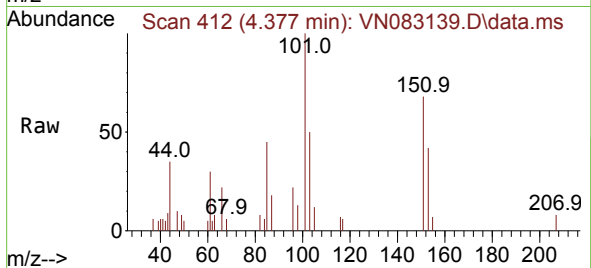




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.170 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

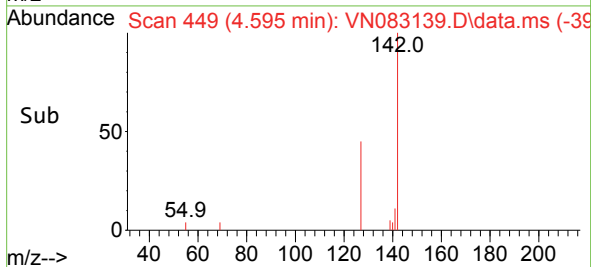
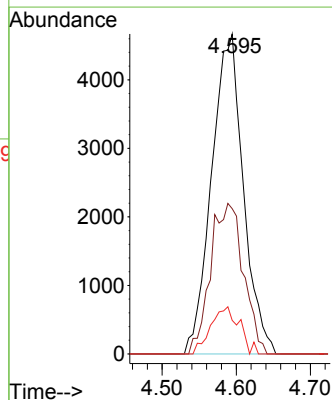
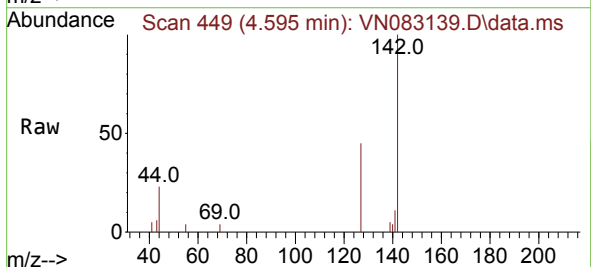
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

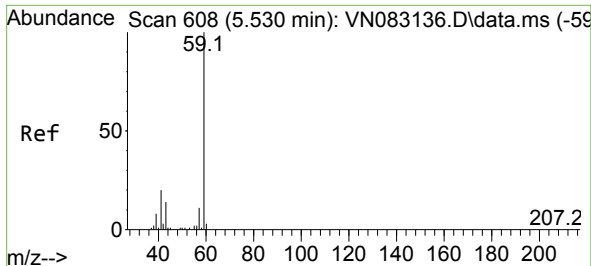
Tgt Ion:101 Resp: 11261
Ion Ratio Lower Upper
101 100
85 47.2 38.3 57.5
151 74.4 59.3 88.9



#10
Methyl Iodide
Concen: 4.844 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:142 Resp: 13878
Ion Ratio Lower Upper
142 100
127 45.4 37.5 56.3
141 10.5 13.1 19.7#

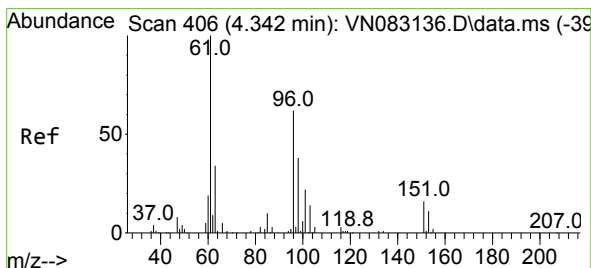
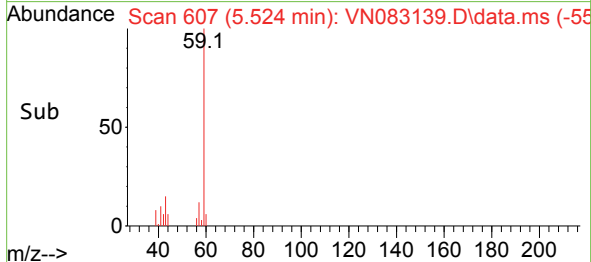
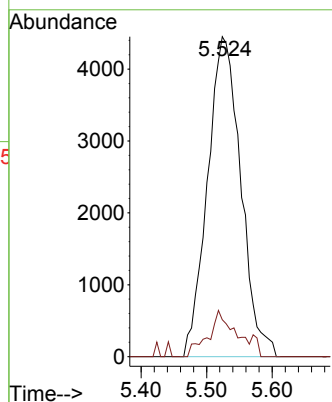
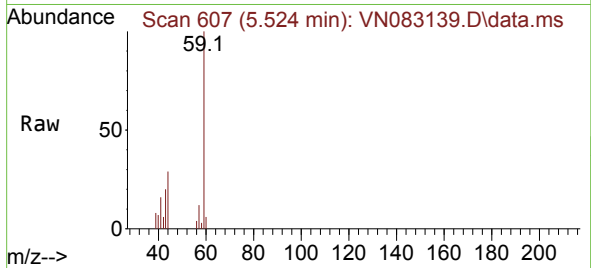




#11
Tert butyl alcohol
Concen: 26.268 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

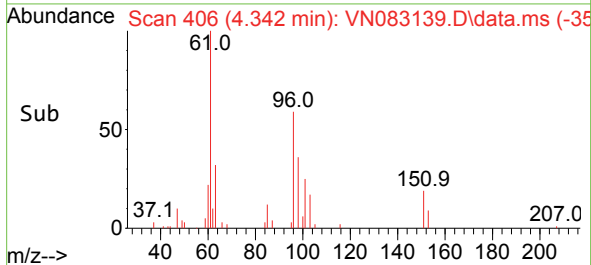
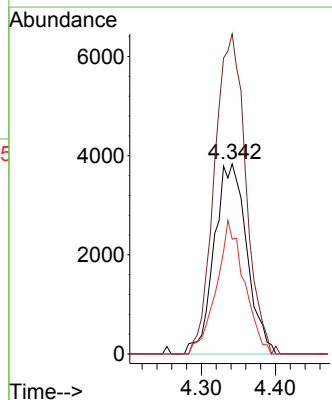
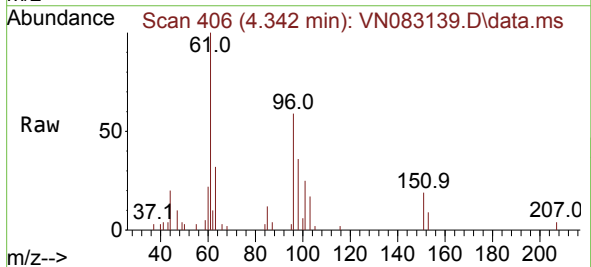
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

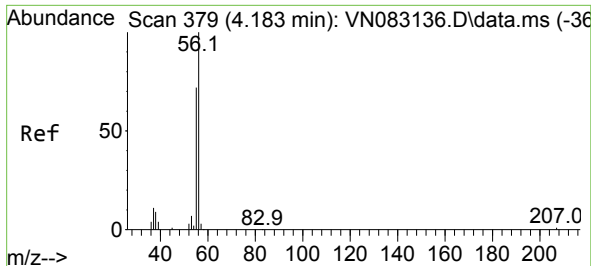
Tgt Ion: 59 Resp: 15685
Ion Ratio Lower Upper
59 100
57 11.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 5.237 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 96 Resp: 11718
Ion Ratio Lower Upper
96 100
61 168.3 149.7 224.5
98 60.4 50.1 75.1





#13

Acrolein

Concen: 24.707 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

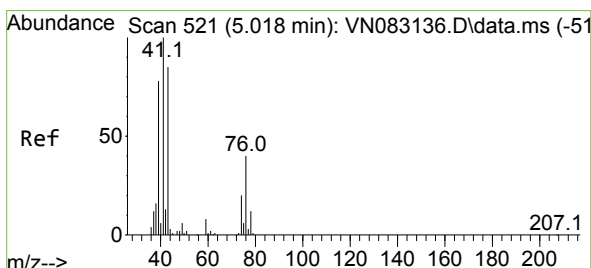
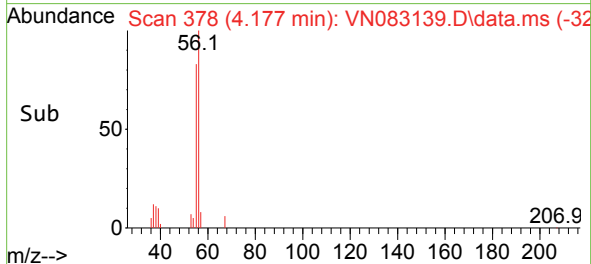
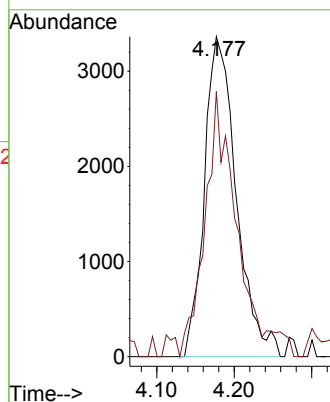
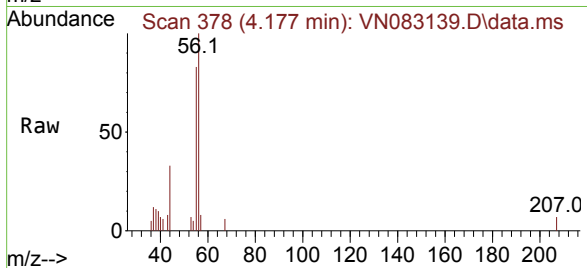
VSTDICC005

Tgt Ion: 56 Resp: 9615

Ion Ratio Lower Upper

56 100

55 80.0 56.4 84.6



#14

Allyl chloride

Concen: 5.246 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

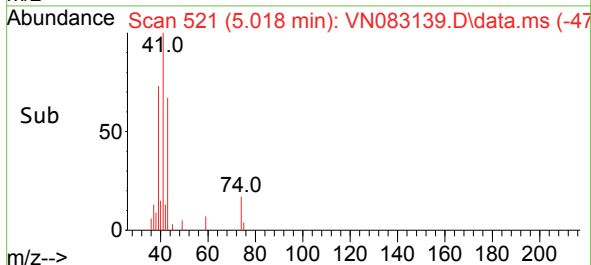
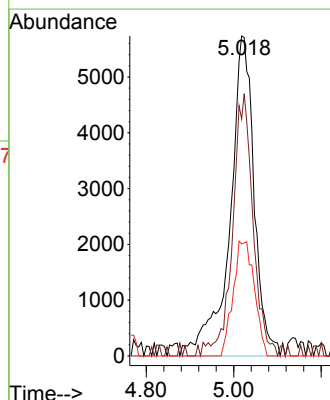
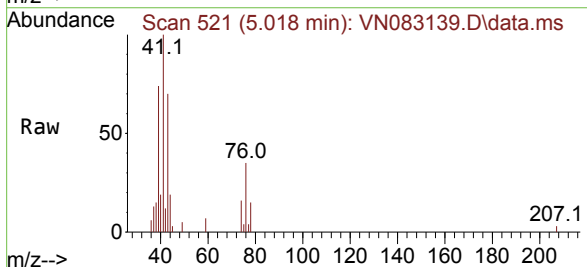
Tgt Ion: 41 Resp: 22183

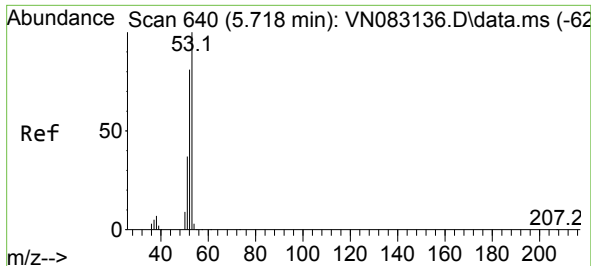
Ion Ratio Lower Upper

41 100

39 69.3 67.8 101.6

76 31.2 25.8 38.8

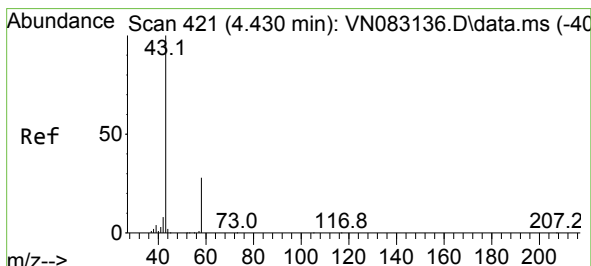
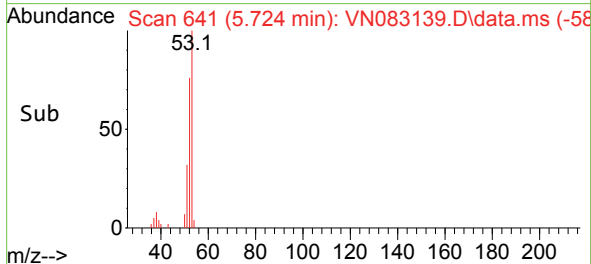
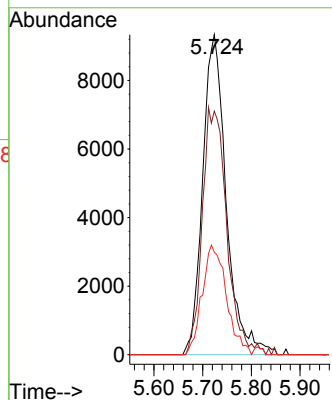
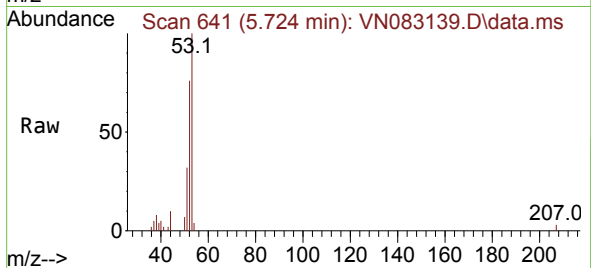




#15
Acrylonitrile
Concen: 25.534 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

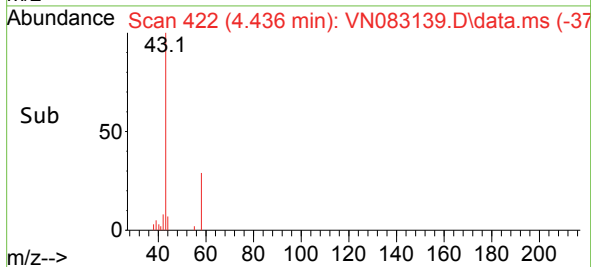
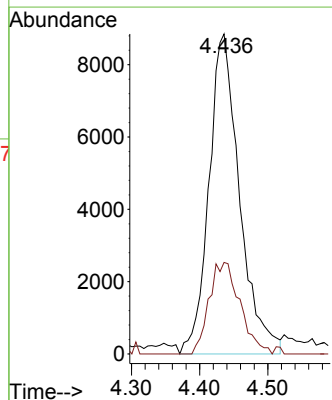
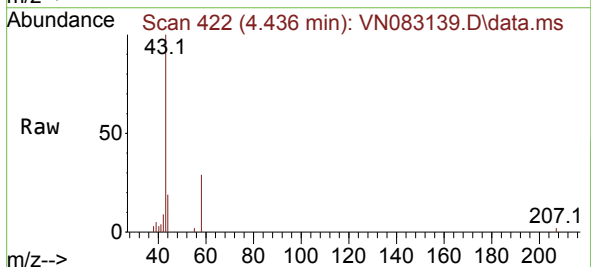
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

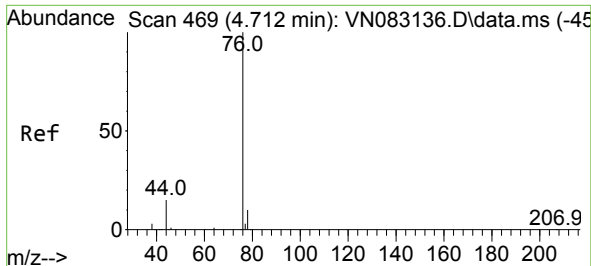
Tgt Ion: 53	Resp: 31357
Ion Ratio	Lower Upper
53 100	
52 79.9	66.6 100.0
51 35.3	30.1 45.1



#16
Acetone
Concen: 24.581 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 43	Resp: 27636
Ion Ratio	Lower Upper
43 100	
58 28.6	21.8 32.6

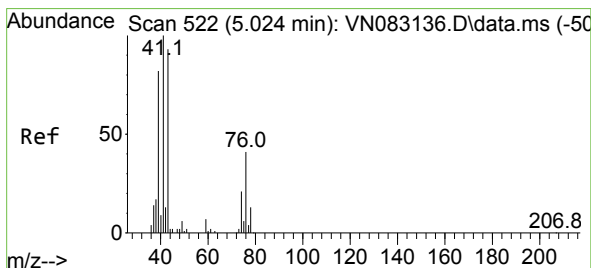
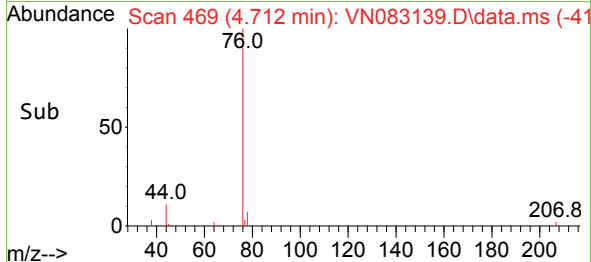
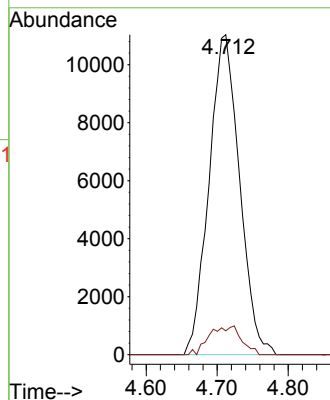
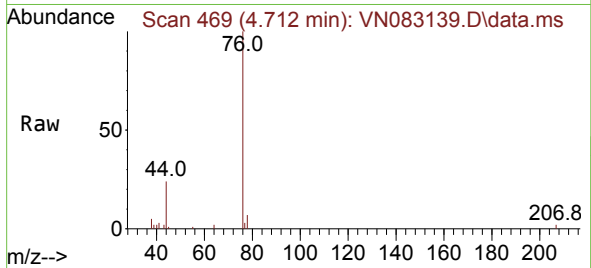




#17
Carbon Disulfide
Concen: 5.026 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

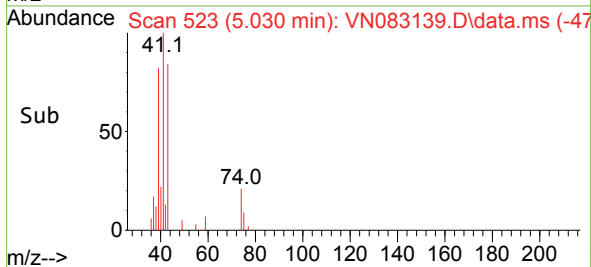
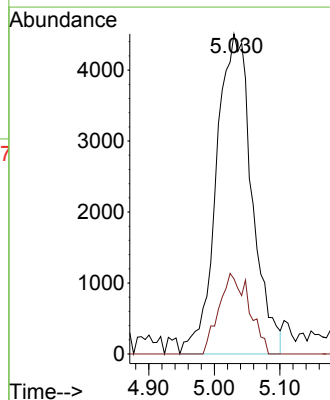
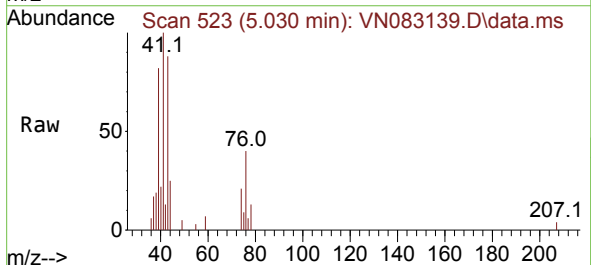
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

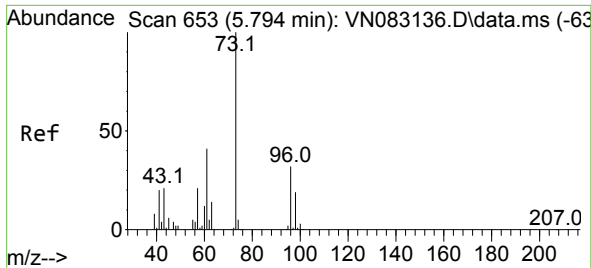
Tgt Ion: 76 Resp: 32908
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8



#18
Methyl Acetate
Concen: 5.084 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
74 21.4 16.3 24.5

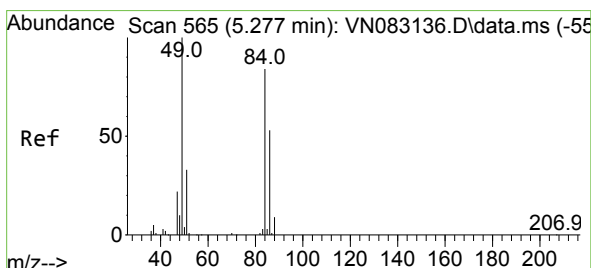
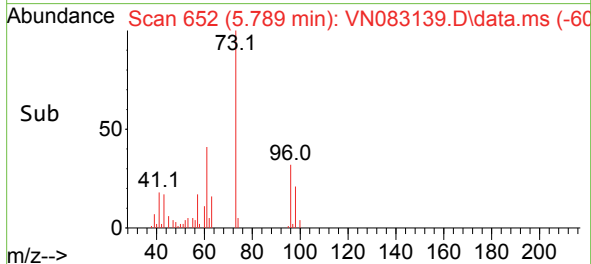
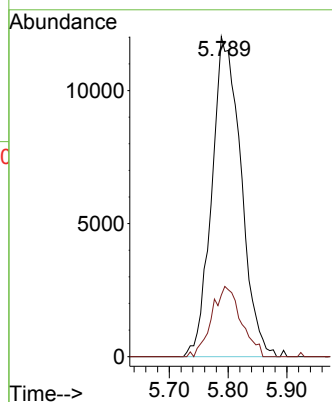
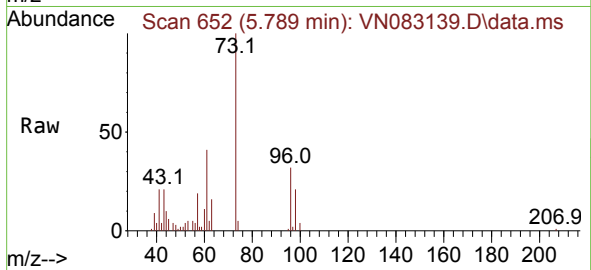




#19
Methyl tert-butyl Ether
Concen: 5.131 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

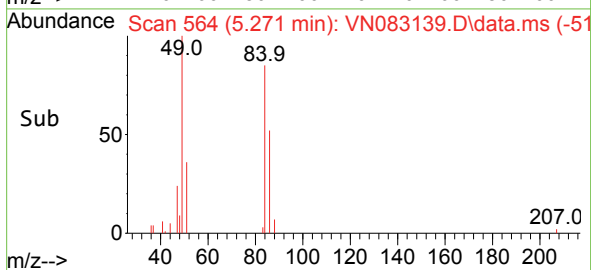
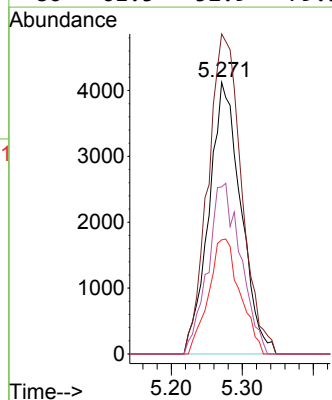
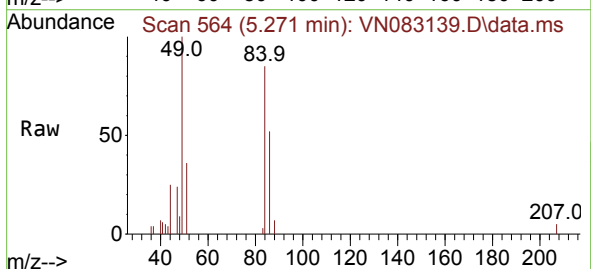
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

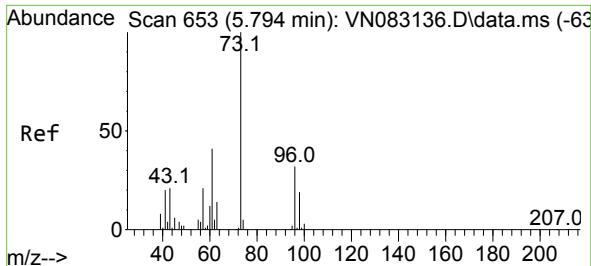
Tgt Ion: 73 Resp: 41439
Ion Ratio Lower Upper
73 100
57 19.2 17.9 26.9



#20
Methylene Chloride
Concen: 4.991 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 84 Resp: 12913
Ion Ratio Lower Upper
84 100
49 117.8 119.6 179.4#
51 42.0 34.8 52.2
86 61.5 52.9 79.3

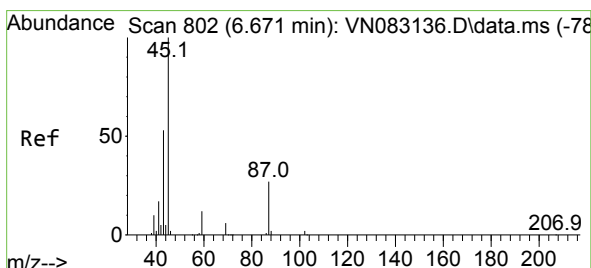
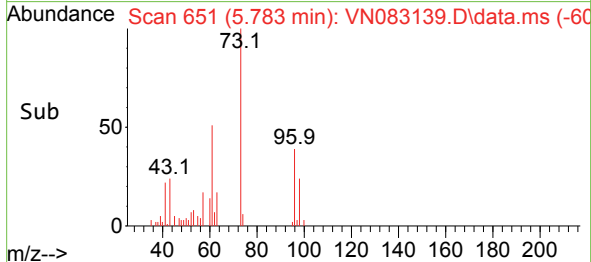
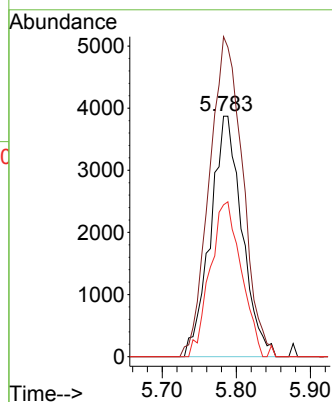
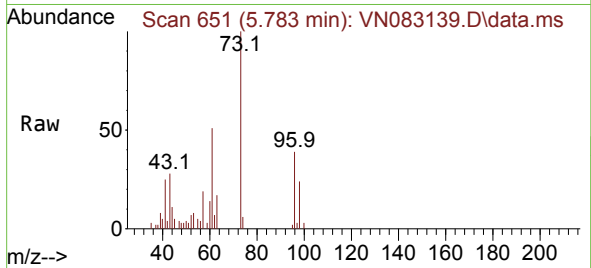




#21
trans-1,2-Dichloroethene
Concen: 4.957 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

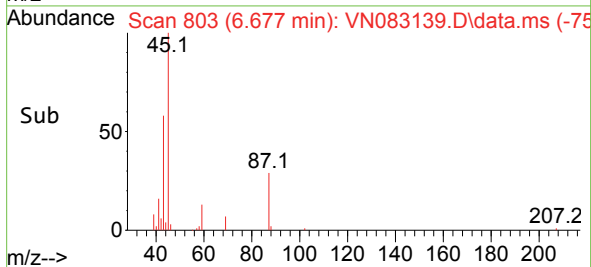
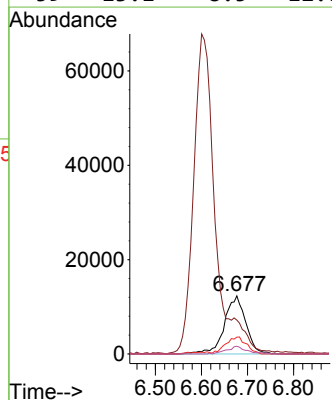
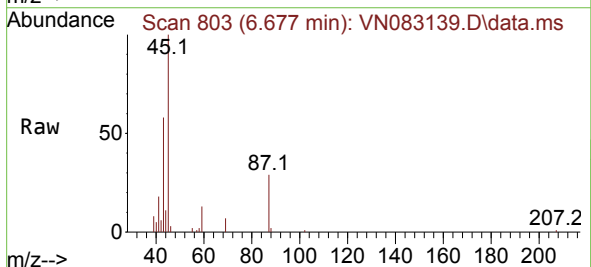
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

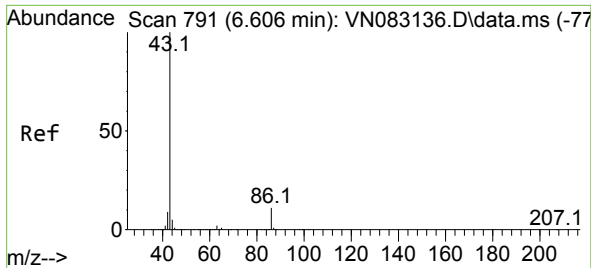
Tgt Ion: 96 Resp: 11465
Ion Ratio Lower Upper
96 100
61 133.0 123.4 185.2
98 63.1 49.3 73.9



#22
Diisopropyl ether
Concen: 4.993 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 45 Resp: 39688
Ion Ratio Lower Upper
45 100
43 54.9 44.0 66.0
87 29.0 19.7 29.5
59 13.1 8.5 12.7#

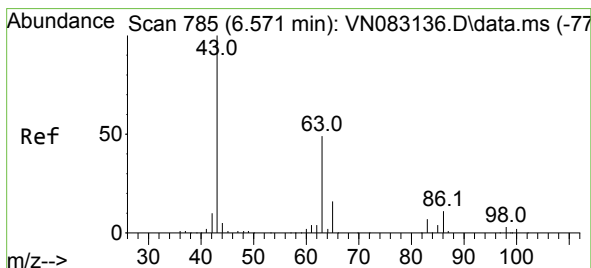
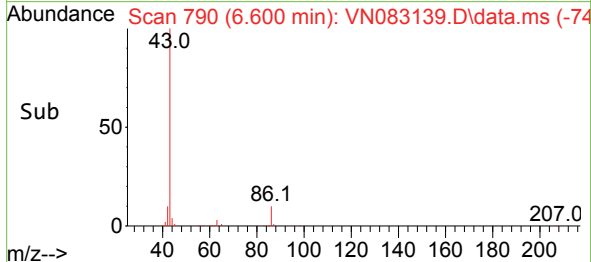
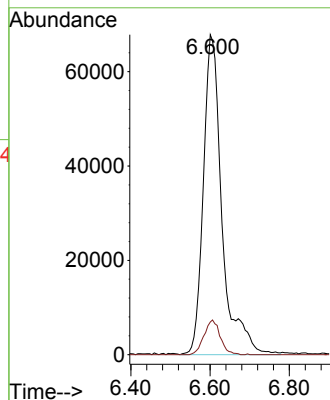
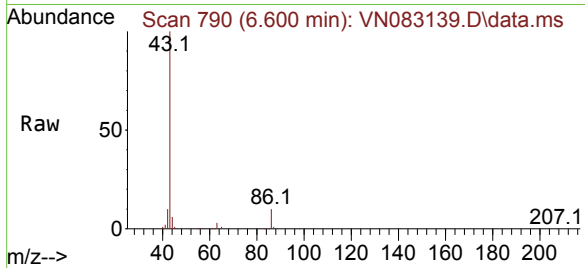




#23
 Vinyl Acetate
 Concen: 27.212 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

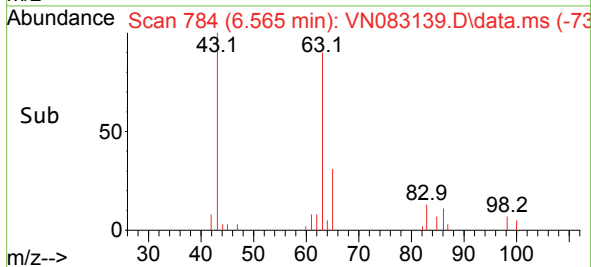
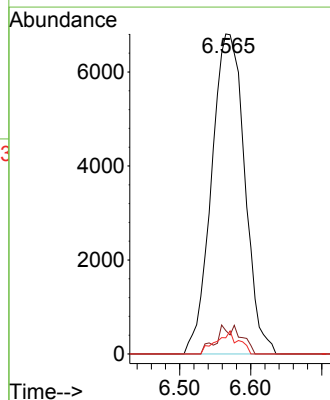
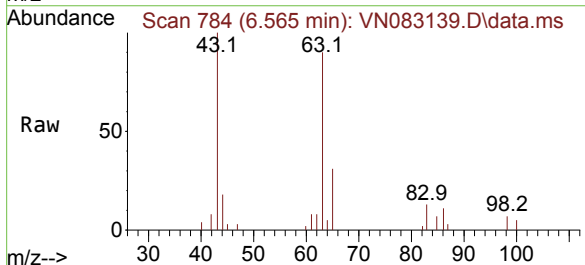
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

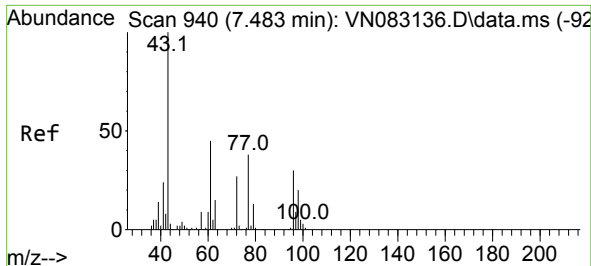
Tgt Ion: 43 Resp: 221664
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 5.091 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion: 63 Resp: 22058
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 5.0 2.0 6.0

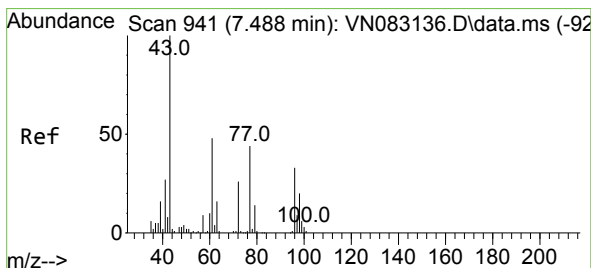
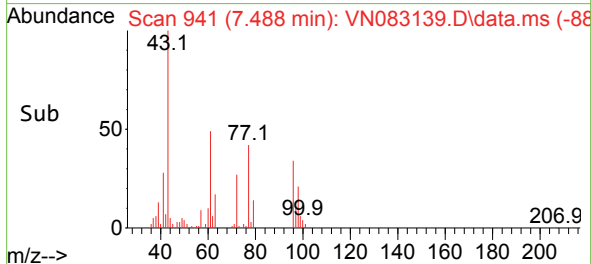
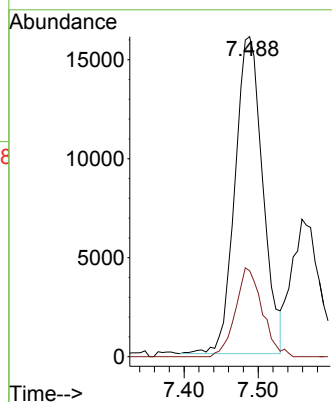
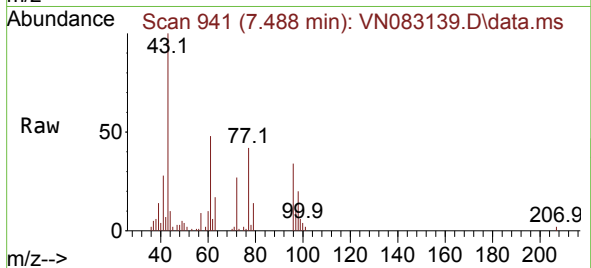




#25
2-Butanone
Concen: 24.185 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

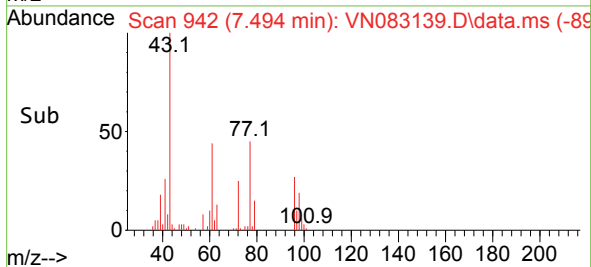
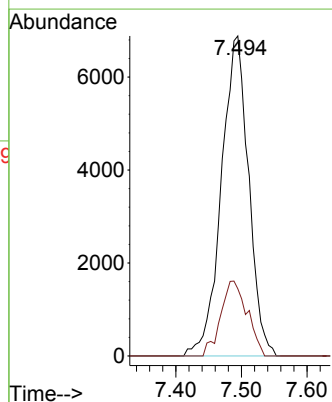
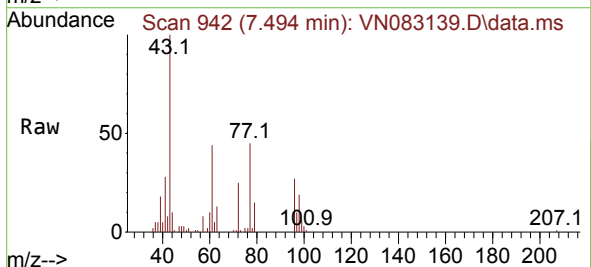
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

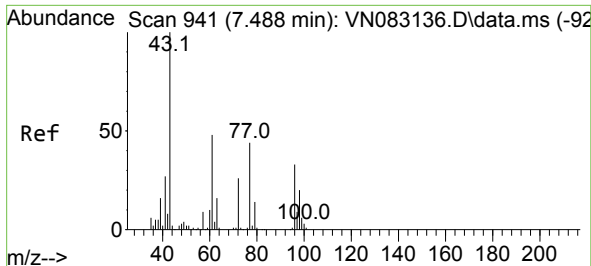
Tgt Ion: 43 Resp: 41750
Ion Ratio Lower Upper
43 100
72 27.1 18.2 27.2



#26
2,2-Dichloropropane
Concen: 4.937 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 77 Resp: 19864
Ion Ratio Lower Upper
77 100
97 22.7 10.3 30.9

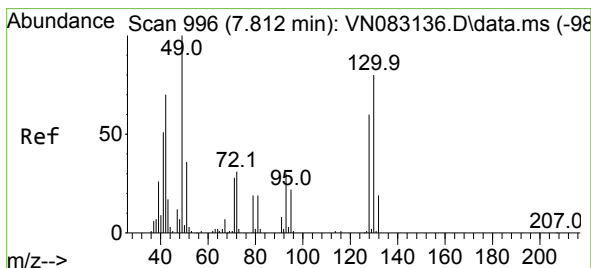
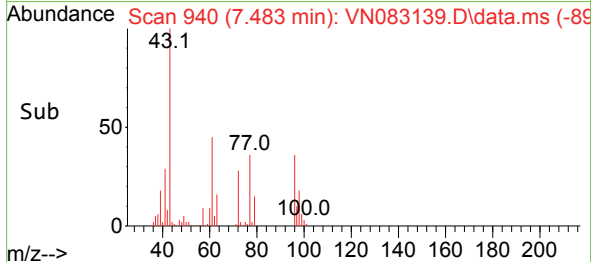
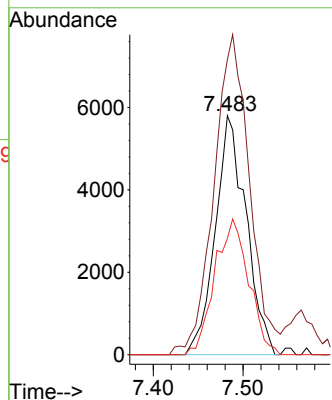
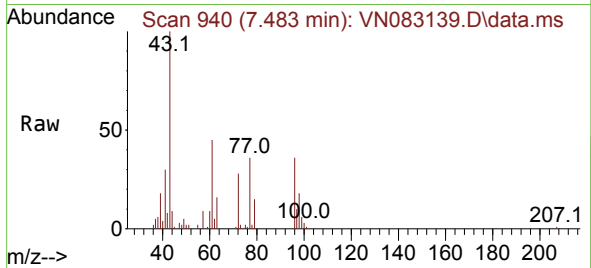




#27
 cis-1,2-Dichloroethene
 Concen: 4.967 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

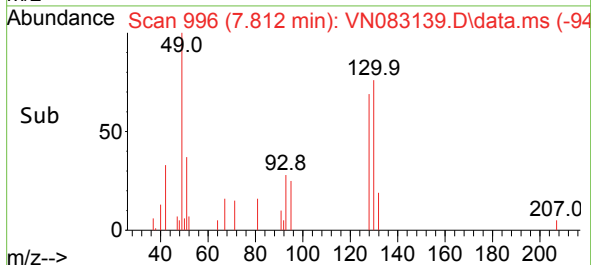
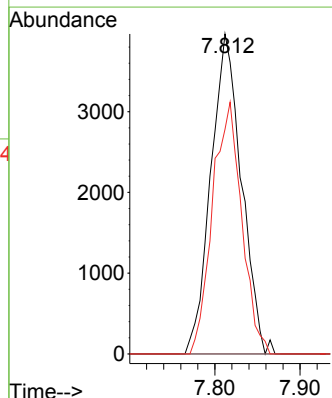
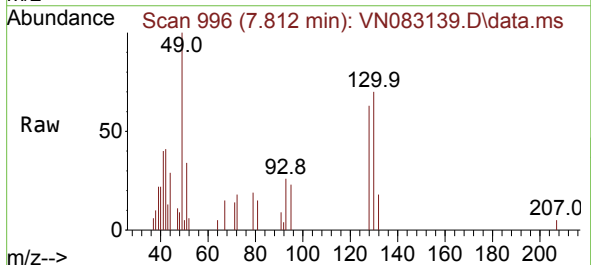
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

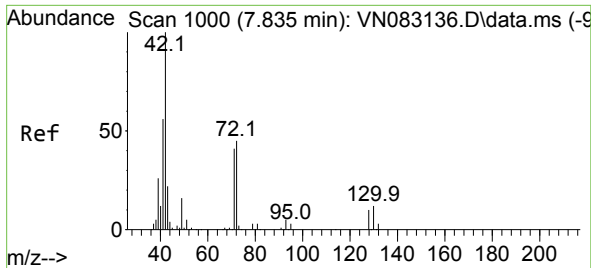
Tgt Ion: 96 Resp: 13862
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 329.6
 98 62.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 5.577 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion: 49 Resp: 9874
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.2 50.5 75.7





#29

Tetrahydrofuran

Concen: 25.324 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

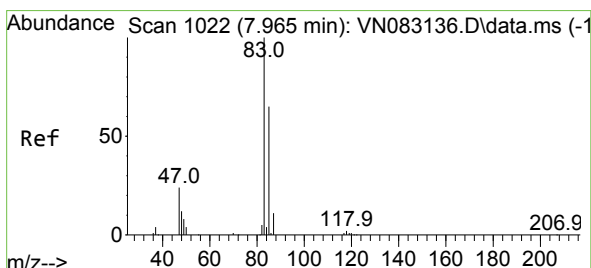
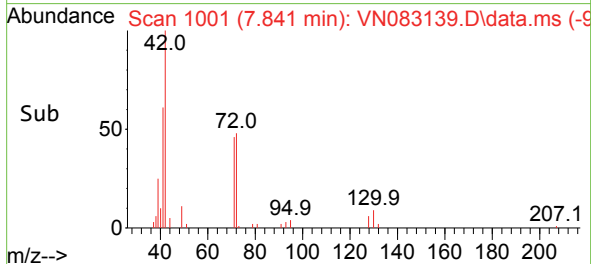
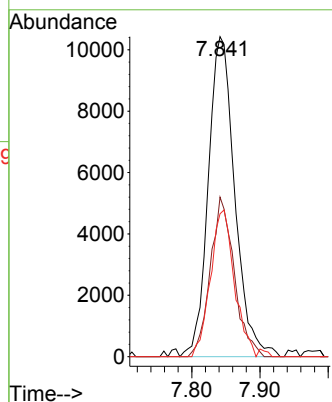
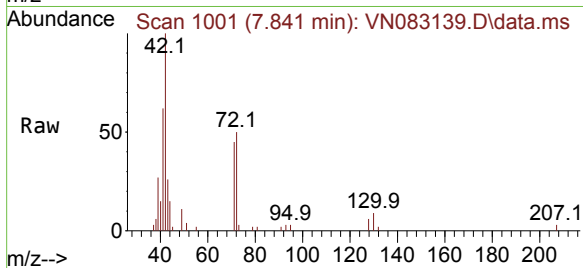
Tgt Ion: 42 Resp: 28260

Ion Ratio Lower Upper

42 100

72 44.9 30.0 45.0

71 41.3 28.3 42.5



#30

Chloroform

Concen: 5.032 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083139.D

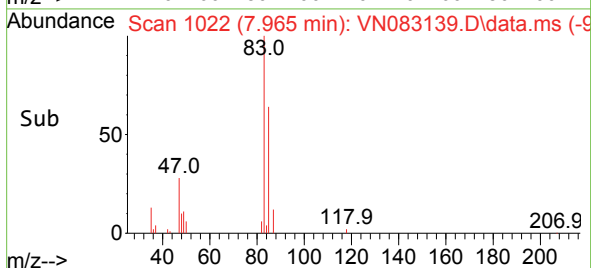
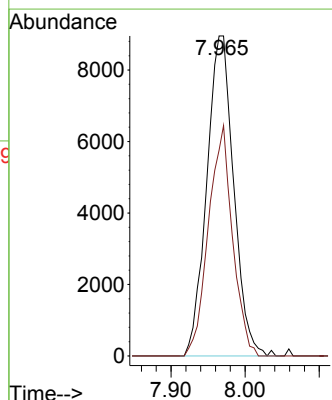
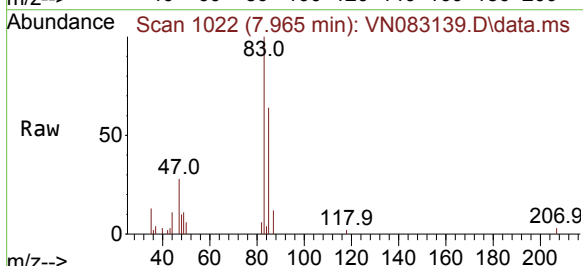
Acq: 07 Aug 2024 12:10

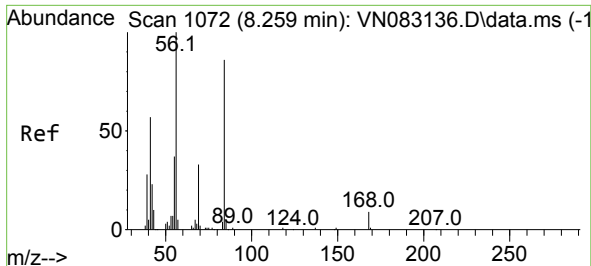
Tgt Ion: 83 Resp: 22650

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

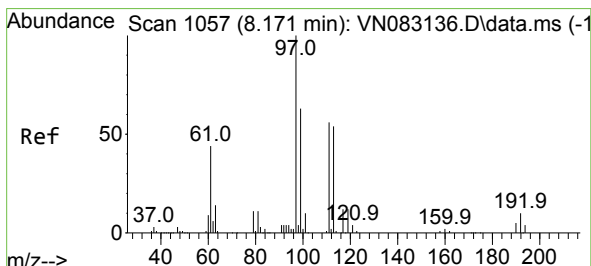
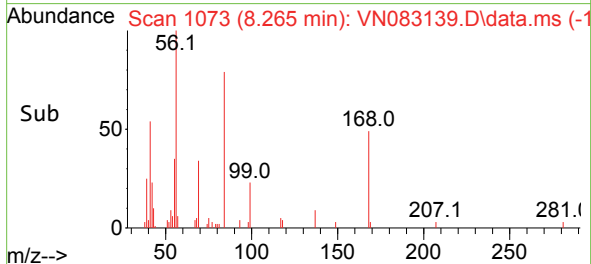
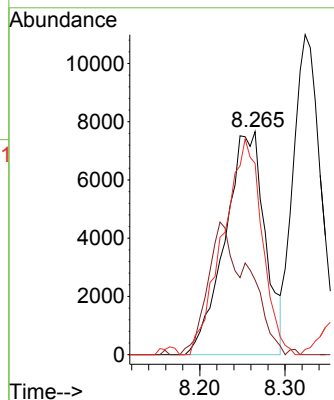
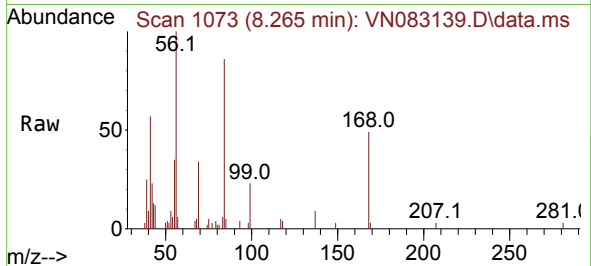




#31
Cyclohexane
Concen: 5.871 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

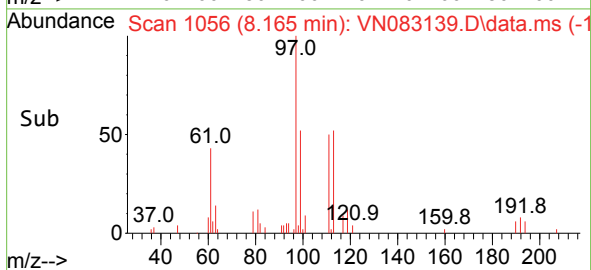
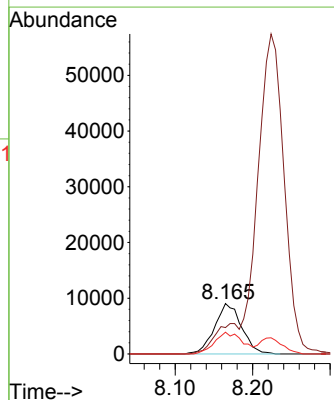
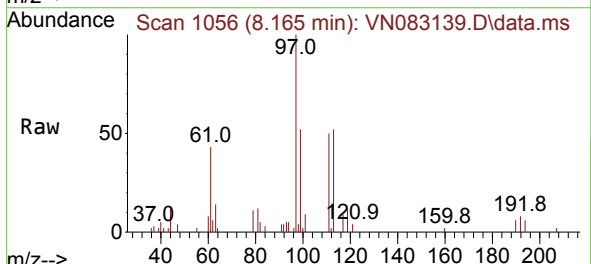
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

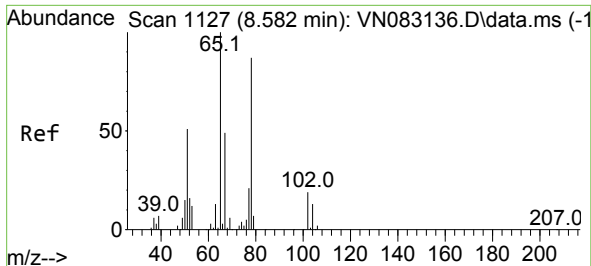
Tgt Ion: 56 Resp: 24999
Ion Ratio Lower Upper
56 100
69 33.5 24.5 36.7
84 85.8 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 5.123 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 97 Resp: 21825
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 44.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 5.522 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

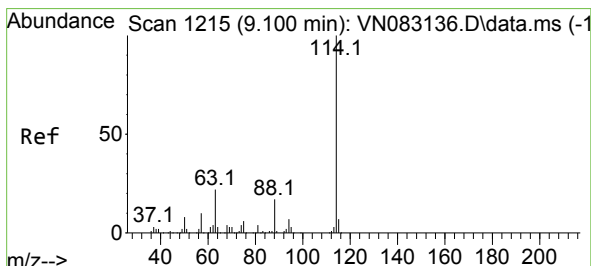
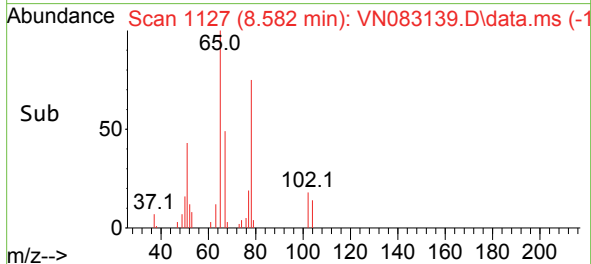
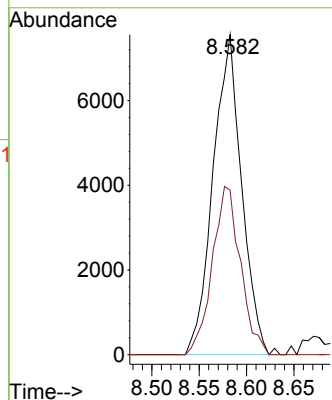
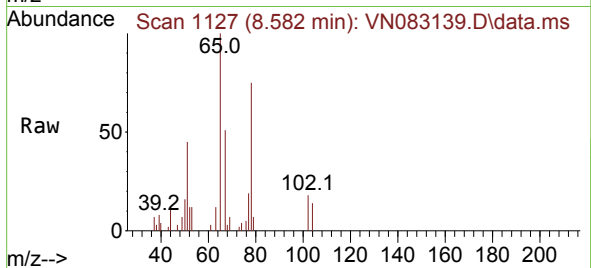
VSTDICC005

Tgt Ion: 65 Resp: 15867

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

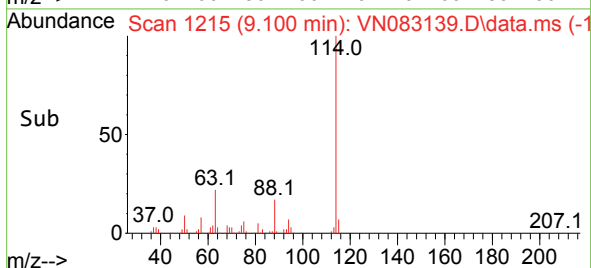
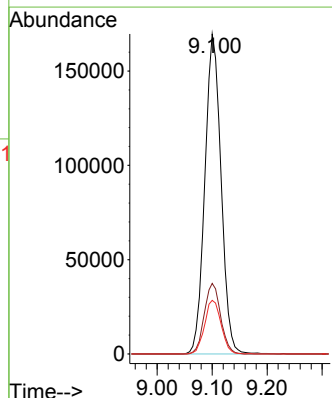
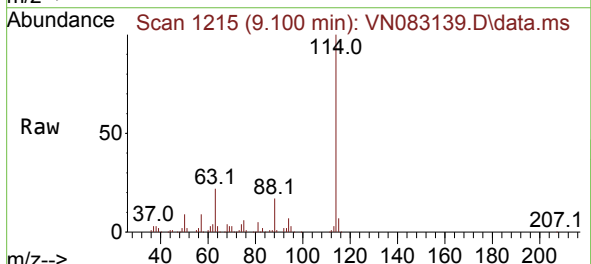
Tgt Ion: 114 Resp: 347562

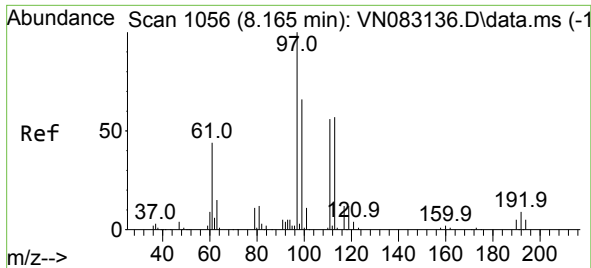
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.8 0.0 31.4

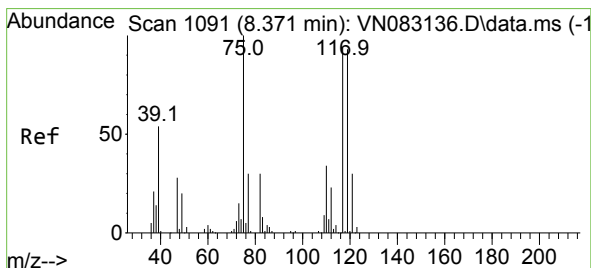
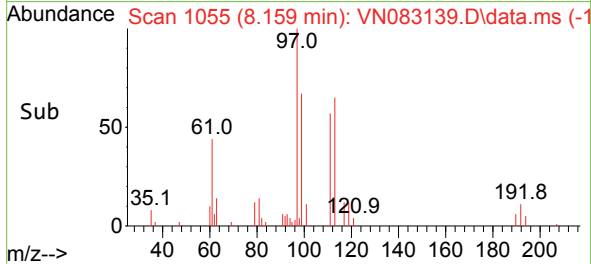
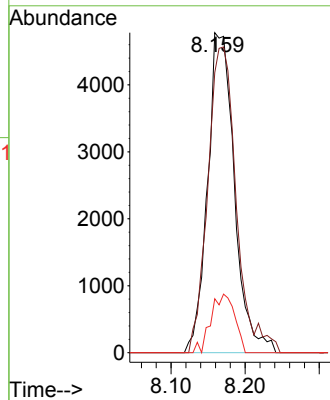
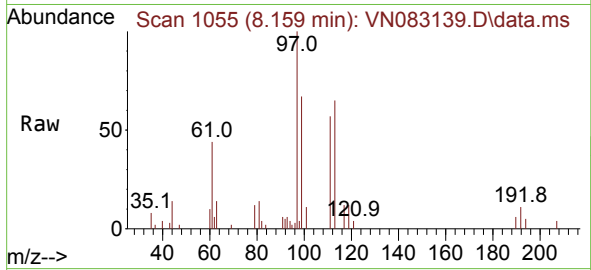




#35
 Dibromofluoromethane
 Concen: 5.549 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

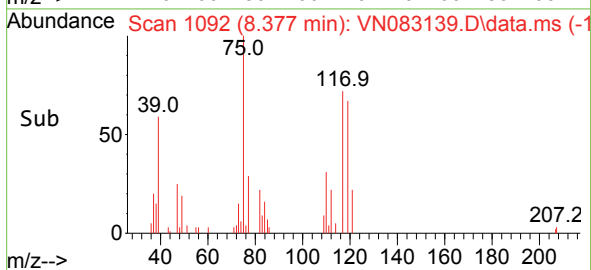
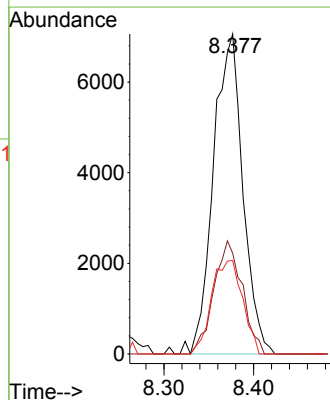
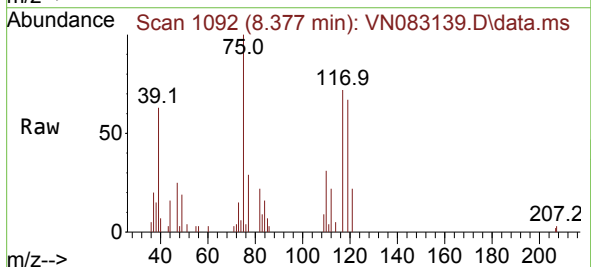
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

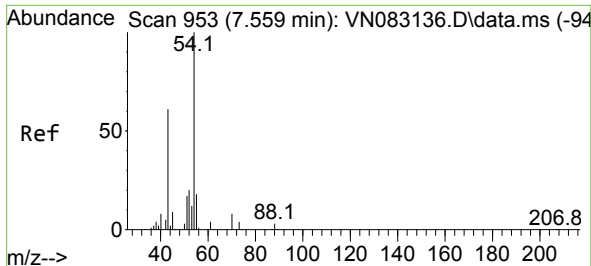
Tgt Ion: 113 Resp: 12039
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 16.2 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion: 75 Resp: 16102
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.3 48.9
 77 30.8 24.6 37.0

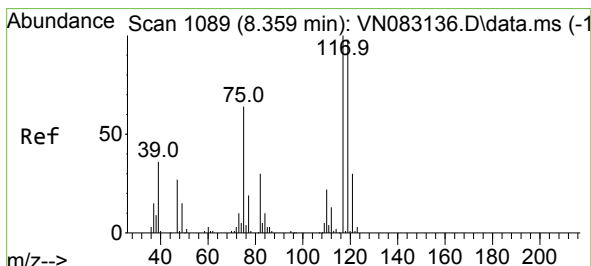
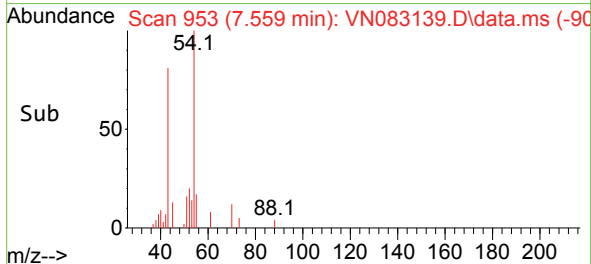
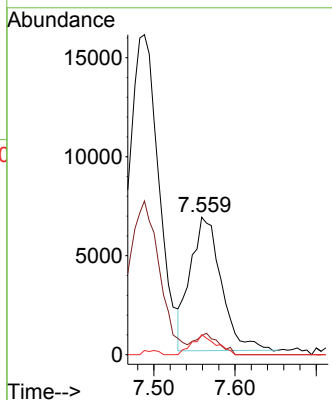
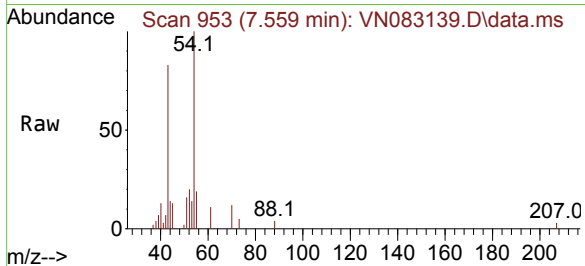




#37
Ethyl Acetate
Concen: 4.874 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

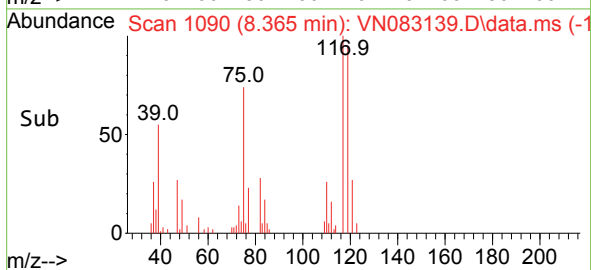
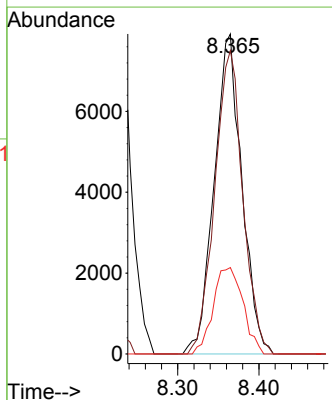
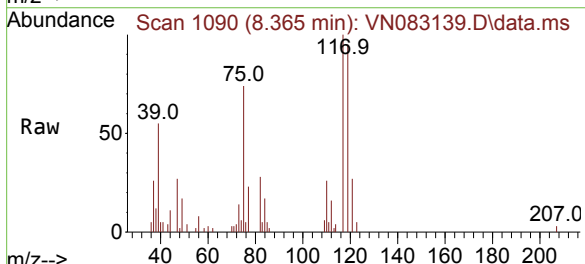
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

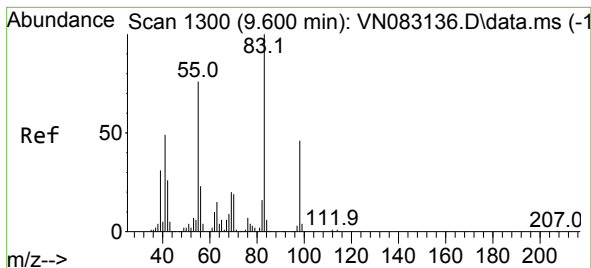
Tgt Ion: 43 Resp: 17909
Ion Ratio Lower Upper
43 100
61 12.1 9.3 13.9
70 11.6 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.067 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 117 Resp: 18728
Ion Ratio Lower Upper
117 100
119 94.8 74.9 112.3
121 27.0 24.3 36.5





#39

Methylcyclohexane

Concen: 4.957 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

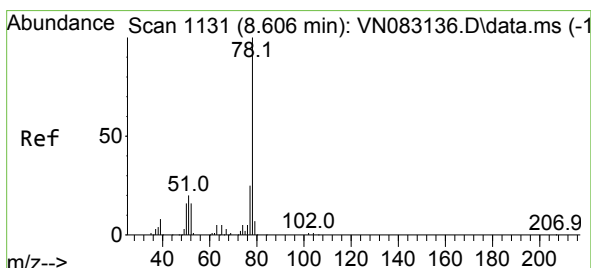
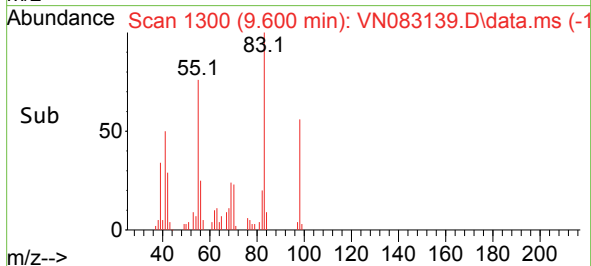
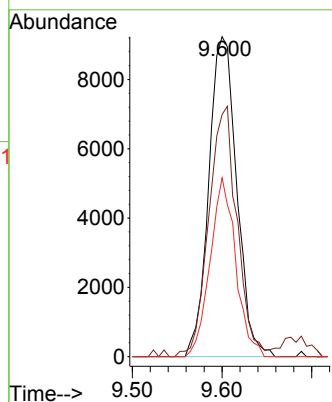
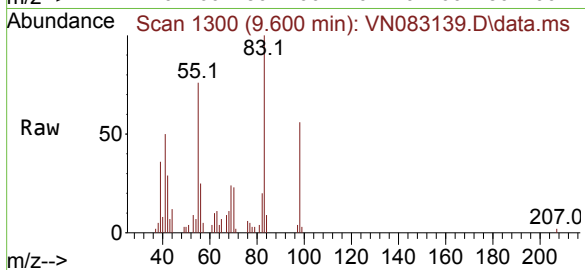
Tgt Ion: 83 Resp: 19981

Ion Ratio Lower Upper

83 100

55 74.1 66.4 99.6

98 55.9 40.7 61.1



#40

Benzene

Concen: 4.988 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083139.D

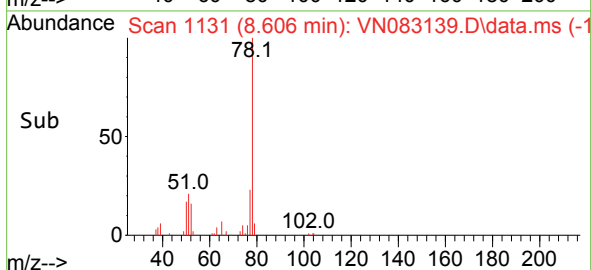
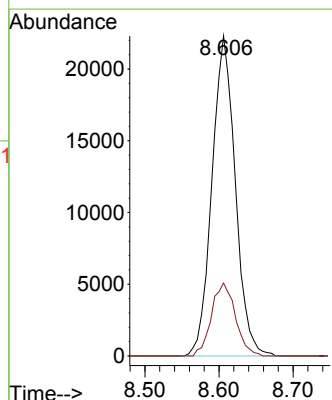
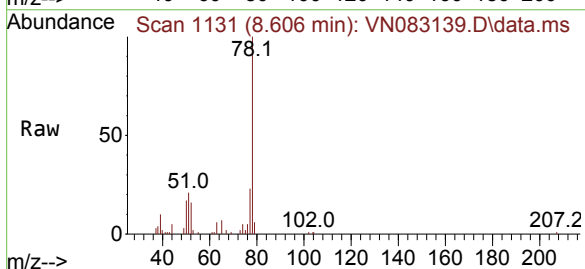
Acq: 07 Aug 2024 12:10

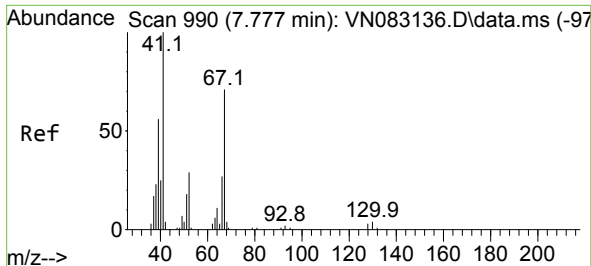
Tgt Ion: 78 Resp: 48765

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.4

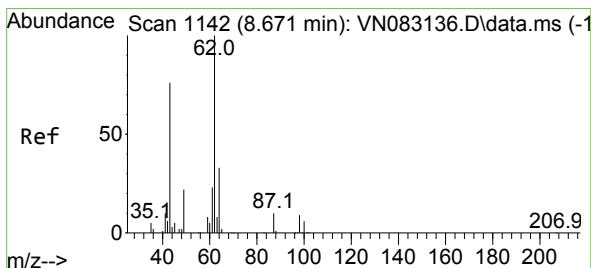
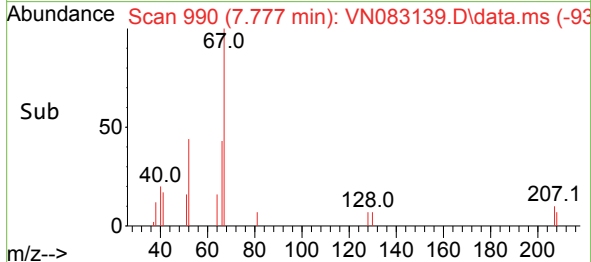
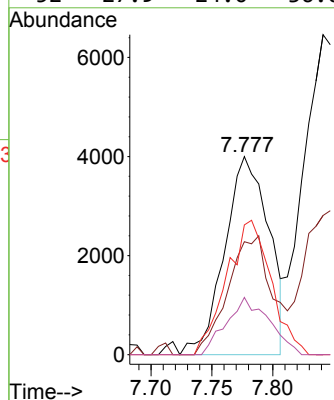
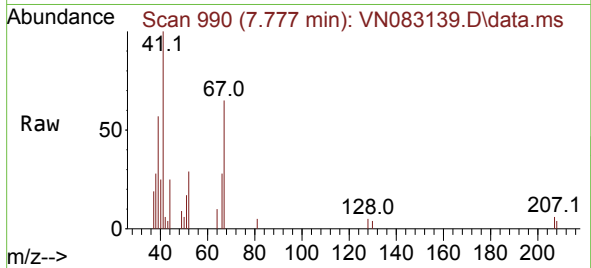




#41
Methacrylonitrile
Concen: 4.828 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

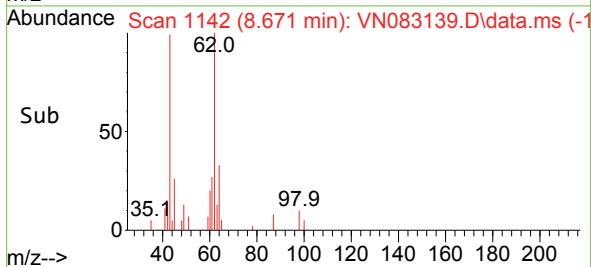
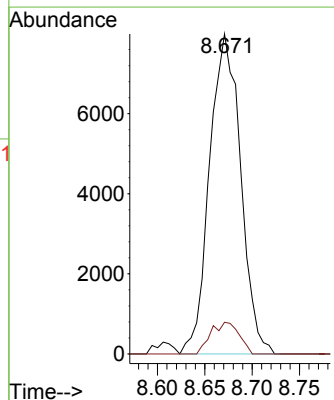
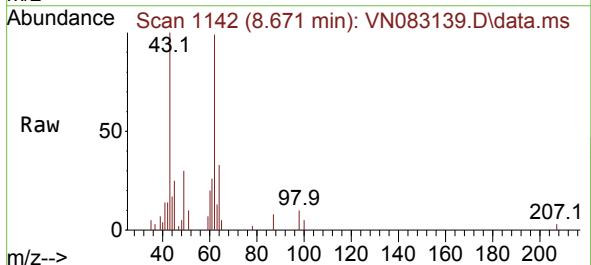
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

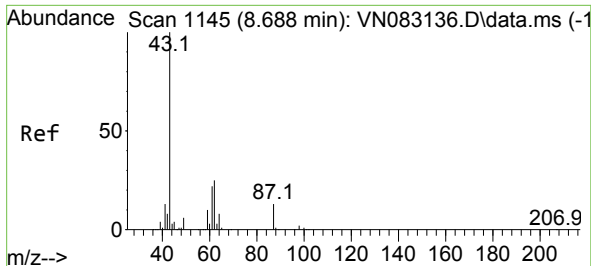
Tgt Ion:	41	Resp:	10086
Ion	Ratio	Lower	Upper
41	100		
39	60.2	45.5	68.3
67	68.2	50.5	75.7
52	27.9	24.0	36.0



#42
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:	62	Resp:	18219
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8

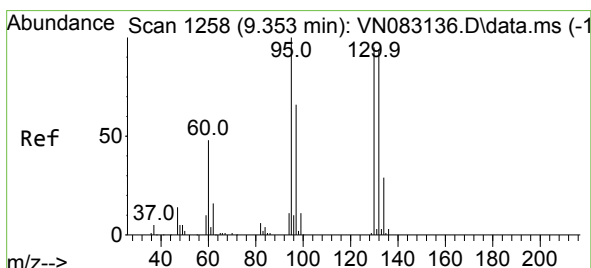
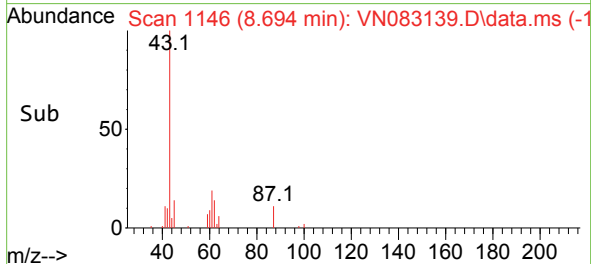
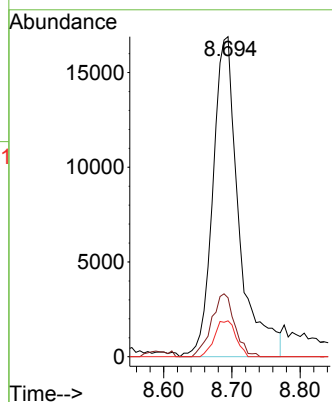
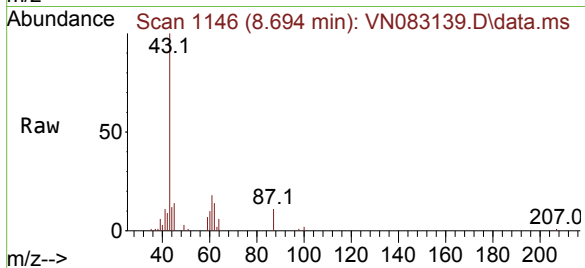




#43
Isopropyl Acetate
Concen: 5.438 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

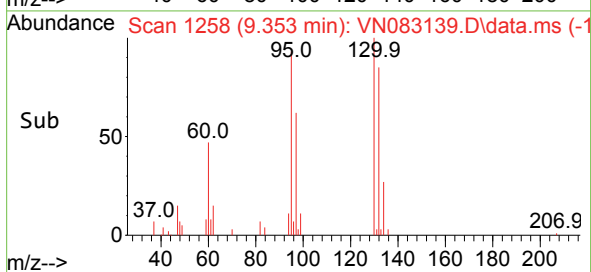
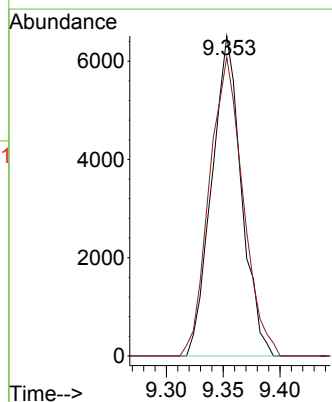
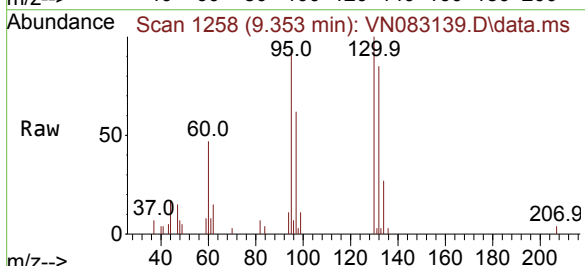
Instrument : MSVOA_N
ClientSampleId : VSTDIC005

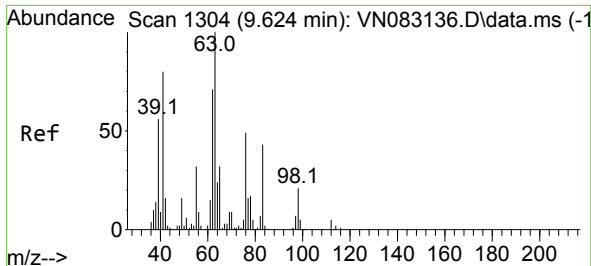
Tgt Ion: 43 Resp: 44817
Ion Ratio Lower Upper
43 100
61 17.5 17.8 26.6#
87 9.2 8.2 12.2



#44
Trichloroethene
Concen: 5.084 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 130 Resp: 11830
Ion Ratio Lower Upper
130 100
95 93.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 4.878 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

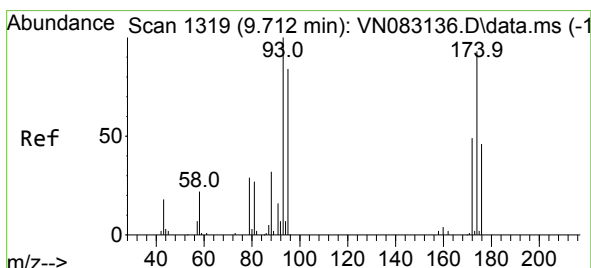
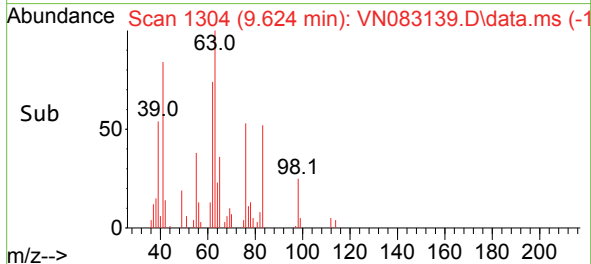
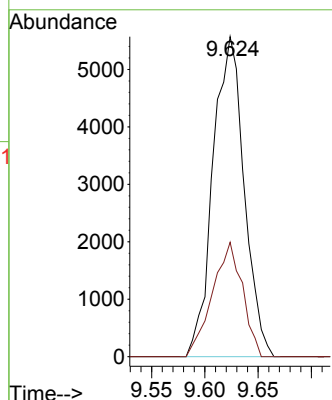
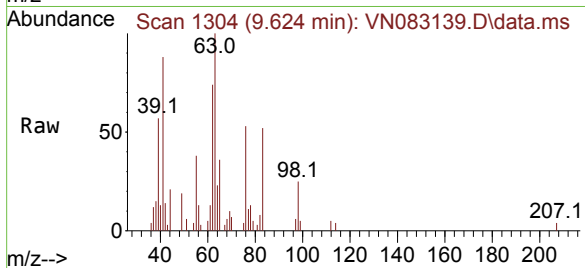
VSTDICC005

Tgt Ion: 63 Resp: 11320

Ion Ratio Lower Upper

63 100

65 35.7 24.4 36.6



#46

Dibromomethane

Concen: 5.079 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

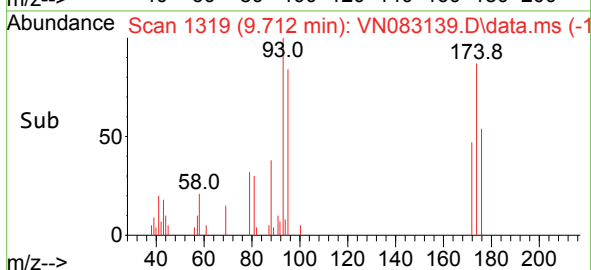
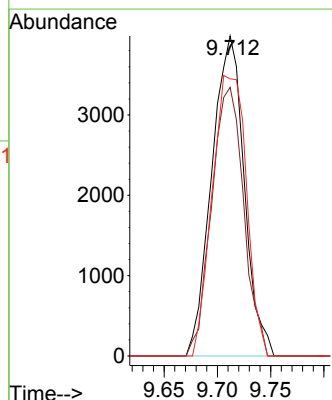
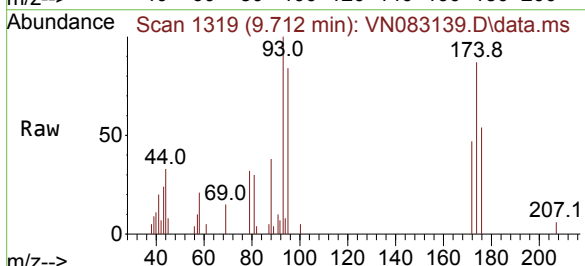
Tgt Ion: 93 Resp: 8436

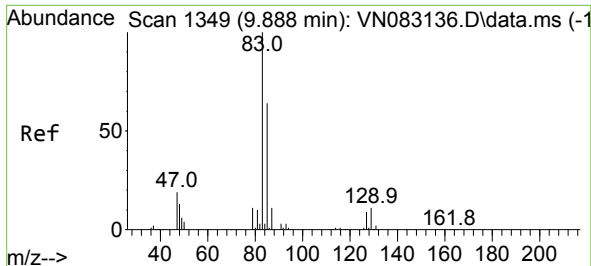
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 92.2 71.7 107.5

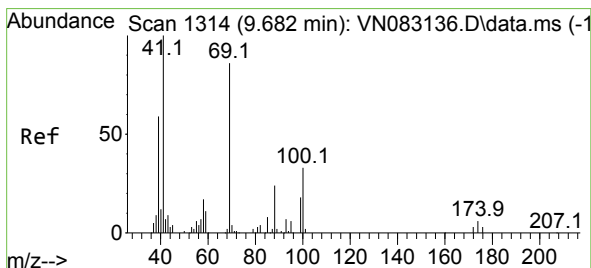
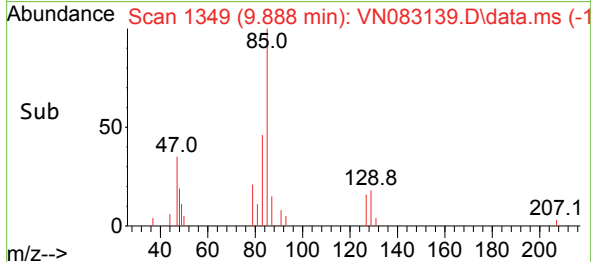
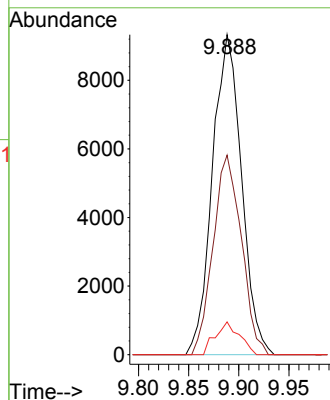
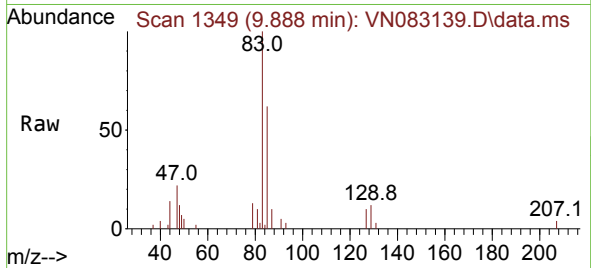




#47
Bromodichloromethane
Concen: 5.040 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

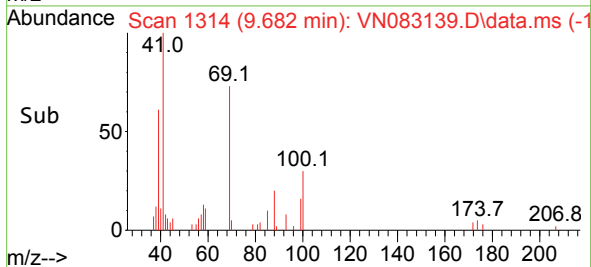
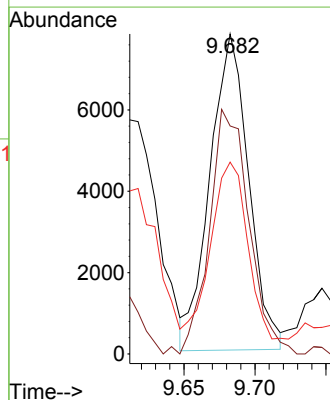
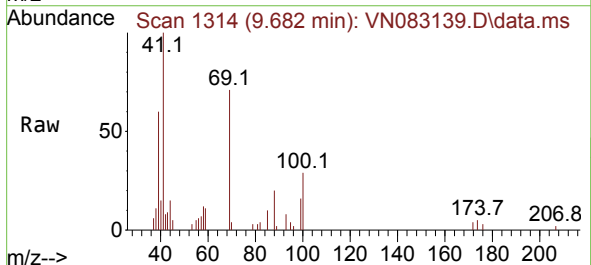
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

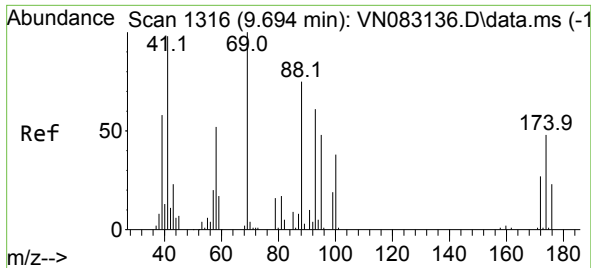
Tgt Ion: 83 Resp: 18799
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 10.3 7.2 10.8



#48
Methyl methacrylate
Concen: 4.840 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 41 Resp: 14704
Ion Ratio Lower Upper
41 100
69 79.2 56.3 84.5
39 63.9 50.3 75.5





#49

1,4-Dioxane

Concen: 95.593 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

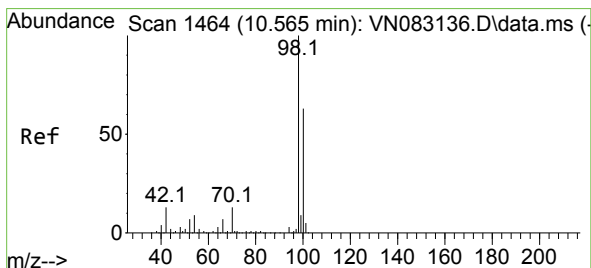
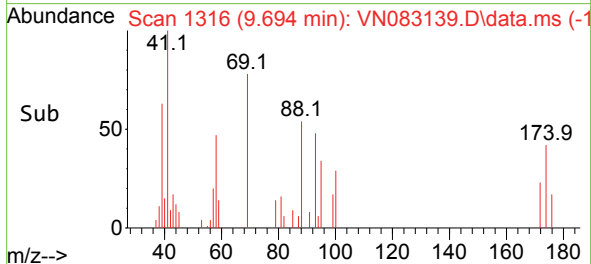
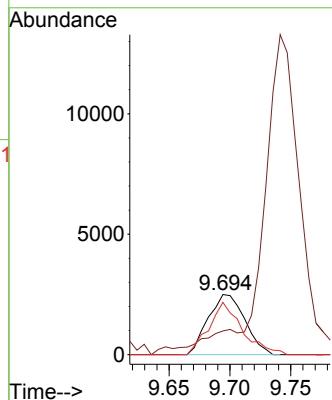
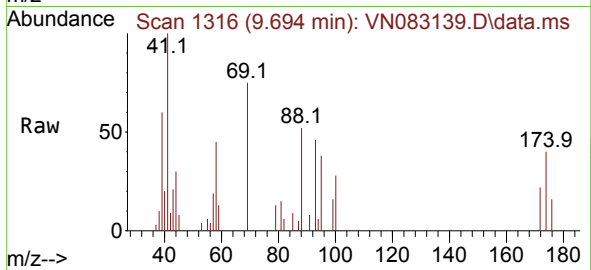
Tgt Ion: 88 Resp: 5239

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 79.3 59.4 89.0



#50

Toluene-d8

Concen: 5.326 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083139.D

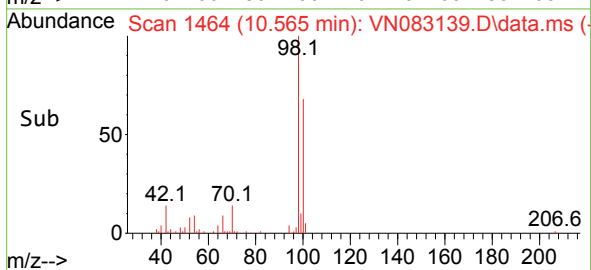
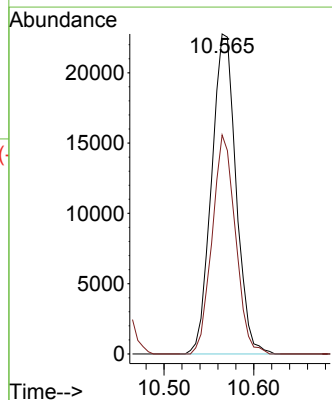
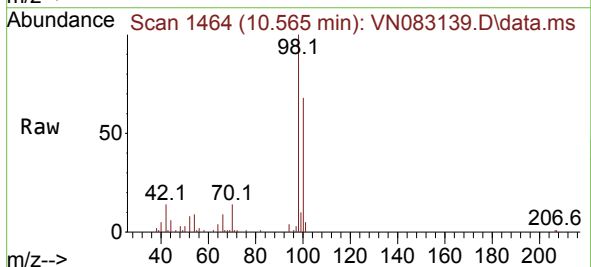
Acq: 07 Aug 2024 12:10

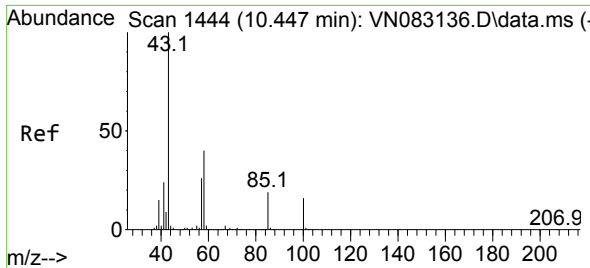
Tgt Ion: 98 Resp: 43104

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3

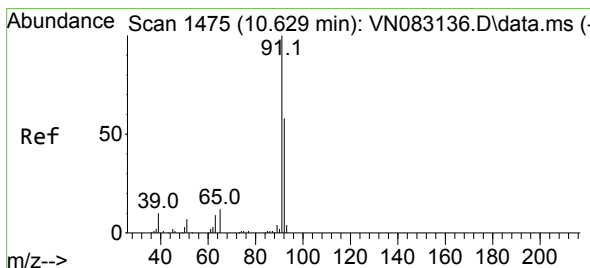
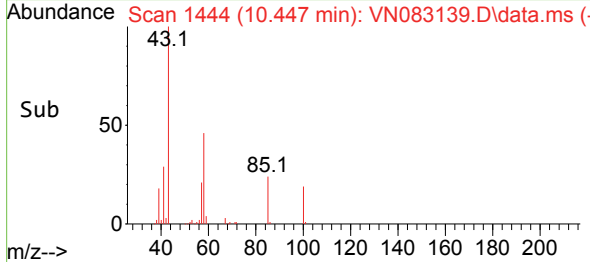
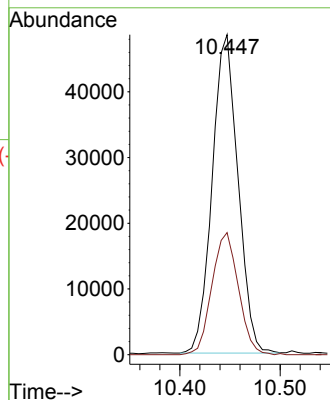
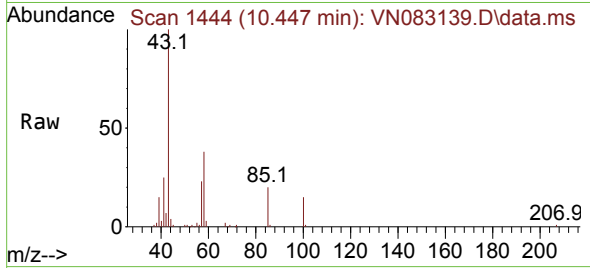




#51
4-Methyl-2-Pentanone
Concen: 24.946 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

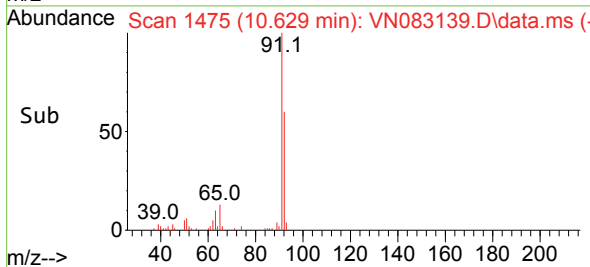
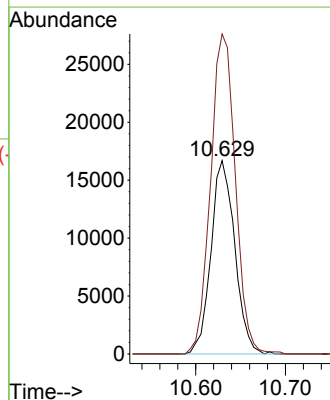
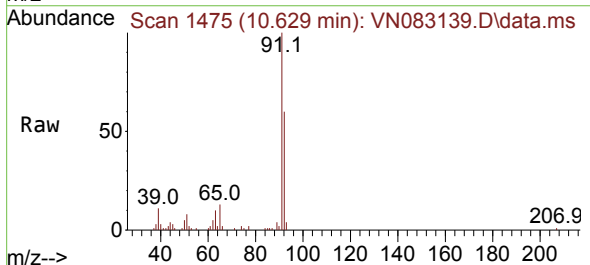
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

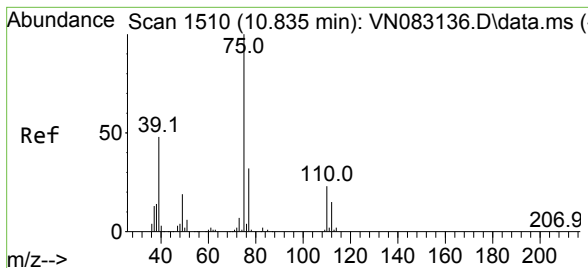
Tgt Ion: 43 Resp: 86679
Ion Ratio Lower Upper
43 100
58 39.3 28.2 42.4



#52
Toluene
Concen: 4.981 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 92 Resp: 30769
Ion Ratio Lower Upper
92 100
91 172.3 139.4 209.0

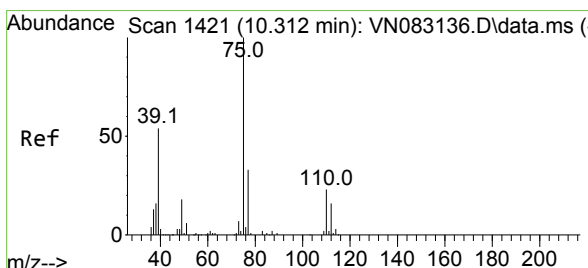
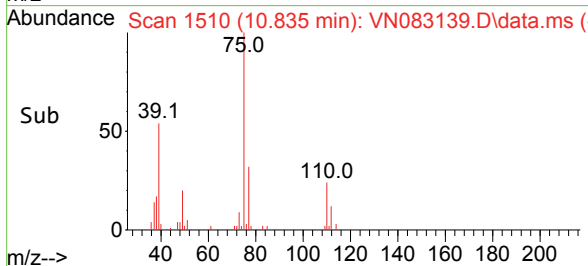
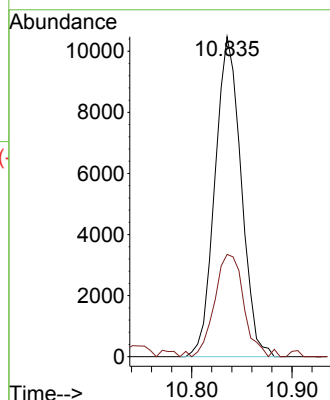
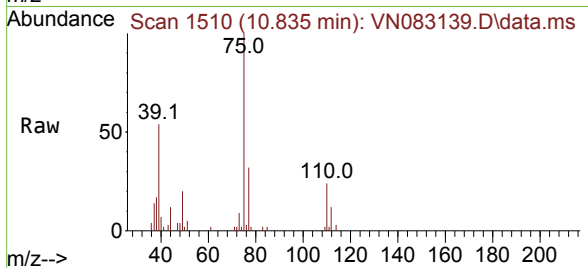




#53
 t-1,3-Dichloropropene
 Concen: 4.950 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

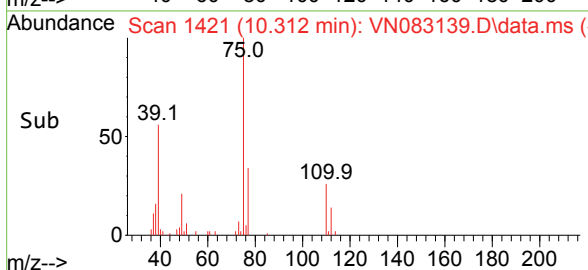
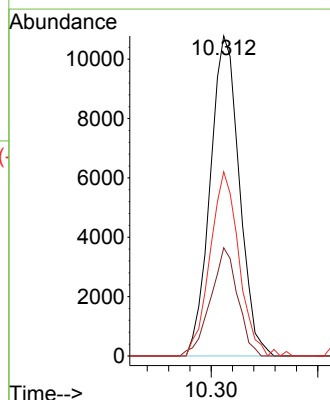
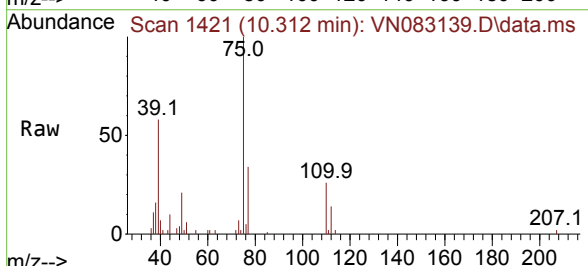
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

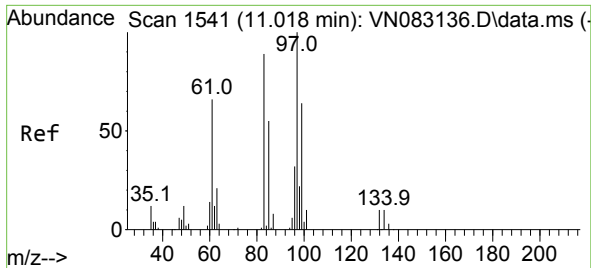
Tgt Ion: 75 Resp: 18964
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 5.014 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion: 75 Resp: 20431
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.3 36.5
 39 57.5 50.5 75.7

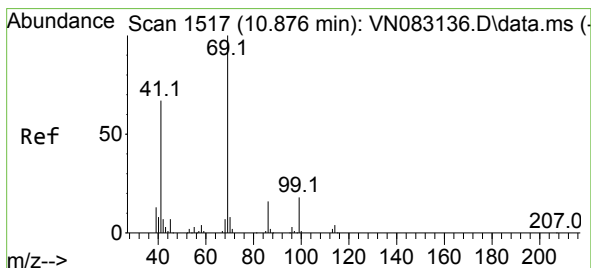
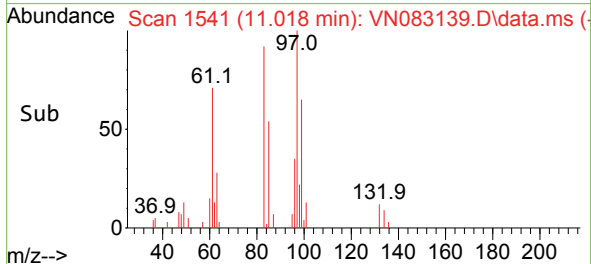
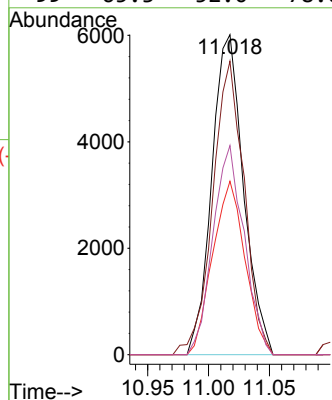
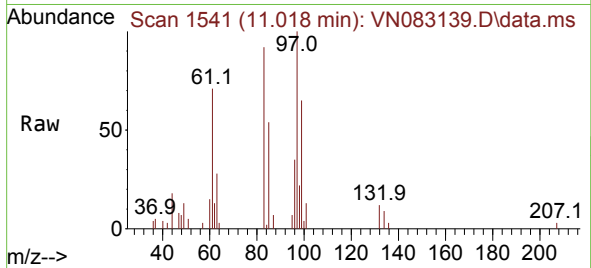




#55
 1,1,2-Trichloroethane
 Concen: 4.930 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

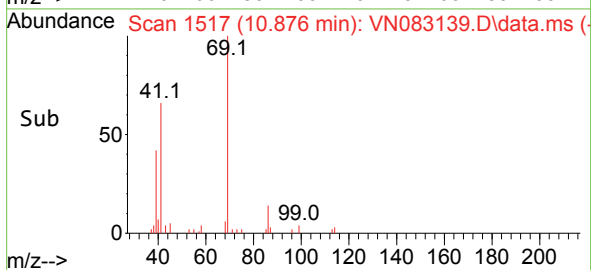
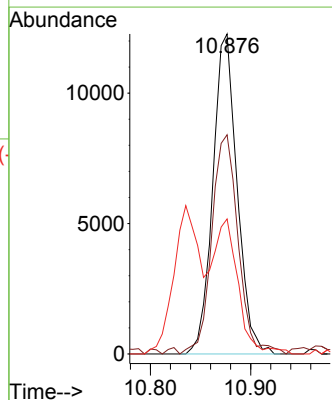
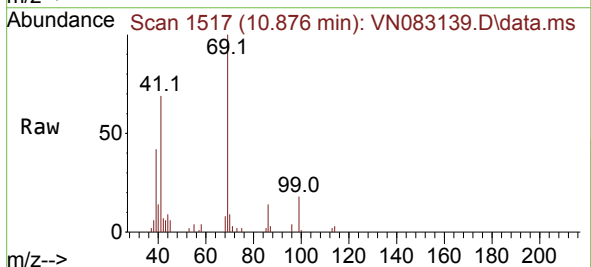
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

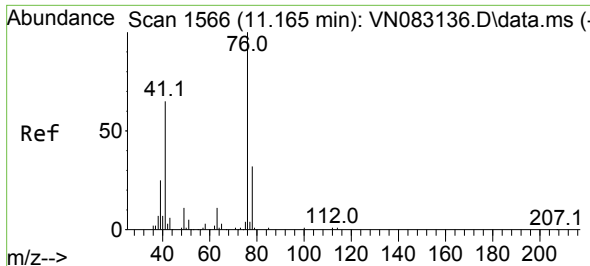
Tgt Ion: 97	Resp: 10913
Ion Ratio	Lower Upper
97 100	
83 91.7	71.4 107.0
85 54.2	45.8 68.6
99 65.3	52.0 78.0



#56
 Ethyl methacrylate
 Concen: 4.951 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion: 69	Resp: 20661
Ion Ratio	Lower Upper
69 100	
41 74.3	63.4 95.2
39 39.8	37.4 56.0





#57

1,3-Dichloropropane

Concen: 4.799 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

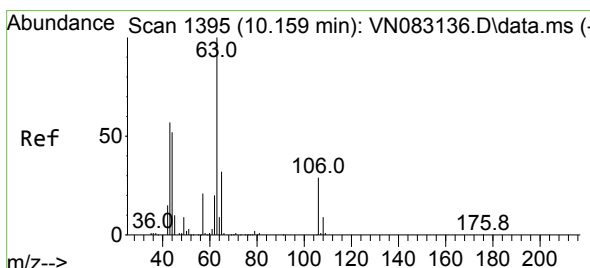
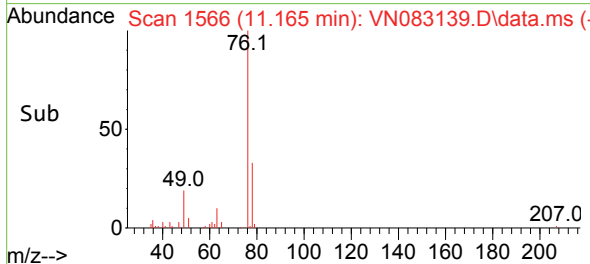
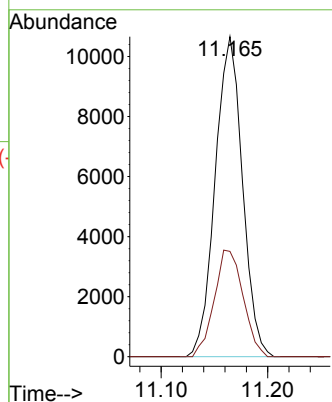
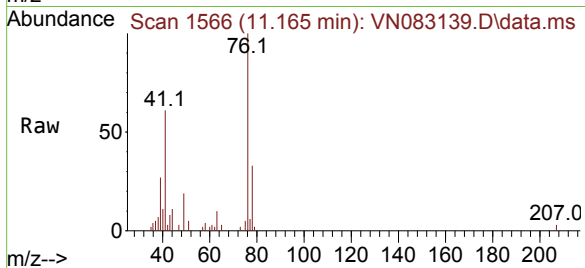
VSTDIC005

Tgt Ion: 76 Resp: 18934

Ion Ratio Lower Upper

76 100

78 35.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 24.676 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083139.D

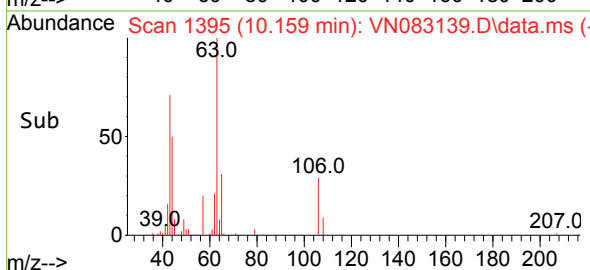
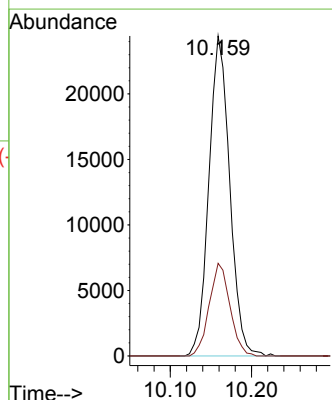
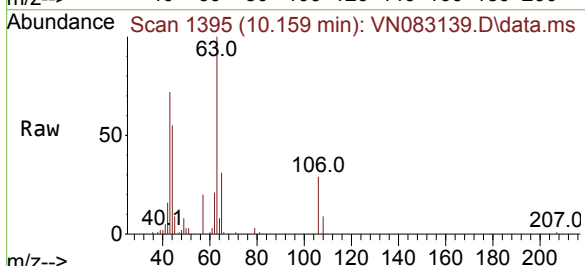
Acq: 07 Aug 2024 12:10

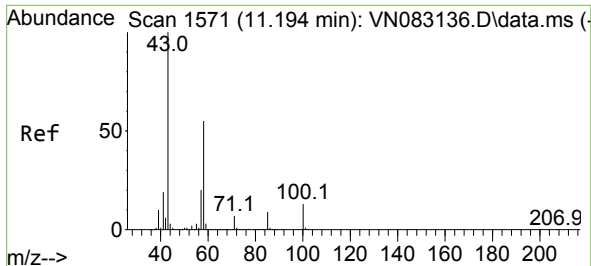
Tgt Ion: 63 Resp: 43528

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

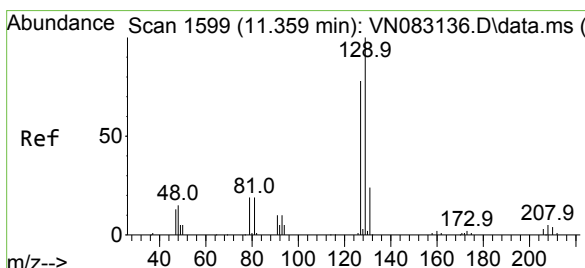
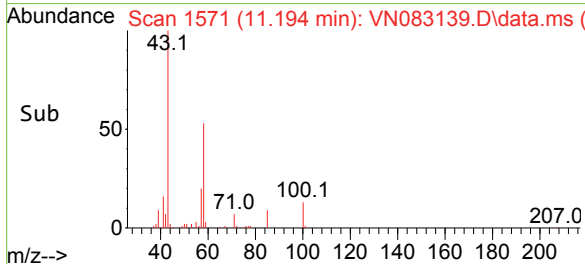
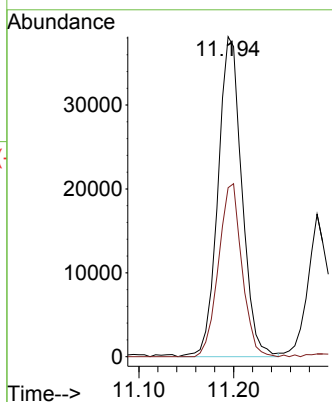
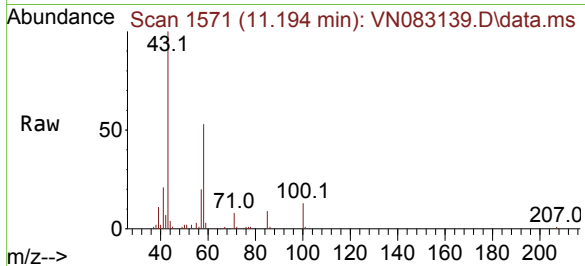




#59
2-Hexanone
Concen: 24.870 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

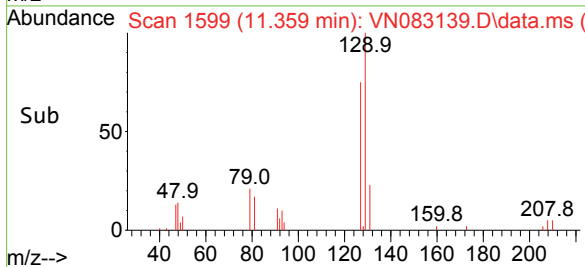
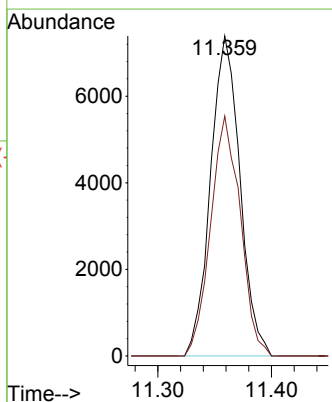
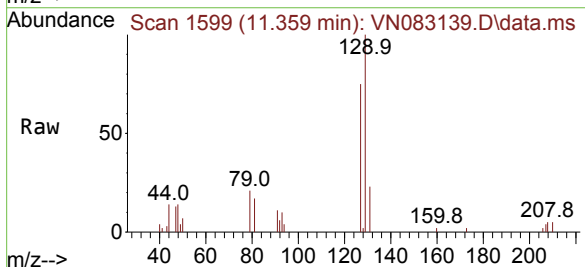
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

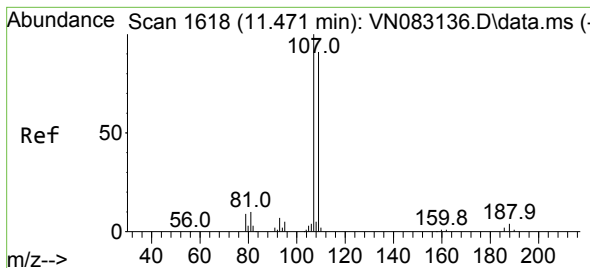
Tgt Ion: 43 Resp: 66854
Ion Ratio Lower Upper
43 100
58 52.9 24.6 73.8



#60
Dibromochloromethane
Concen: 4.972 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 129 Resp: 13307
Ion Ratio Lower Upper
129 100
127 75.6 39.2 117.6

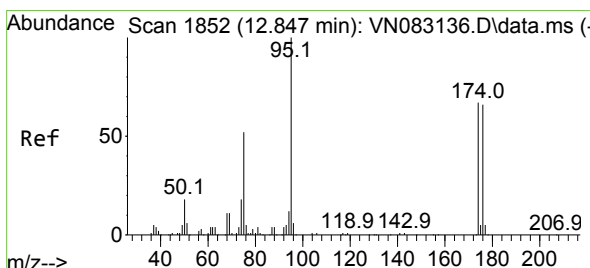
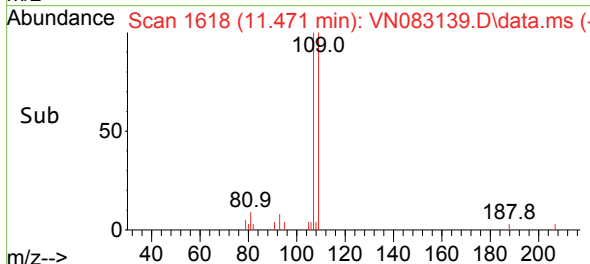
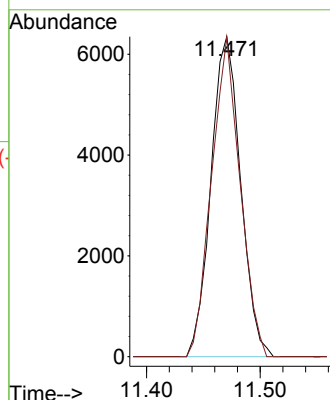
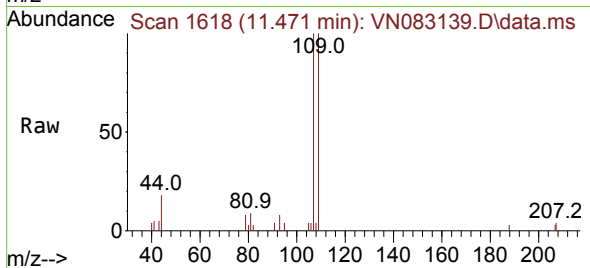




#61
1,2-Dibromoethane
Concen: 4.955 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

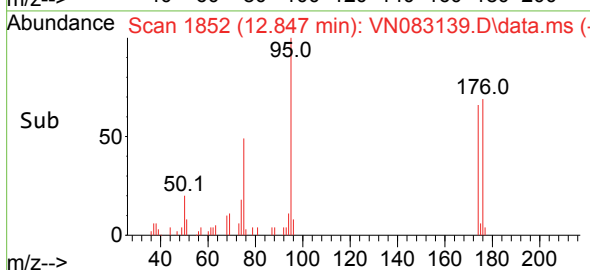
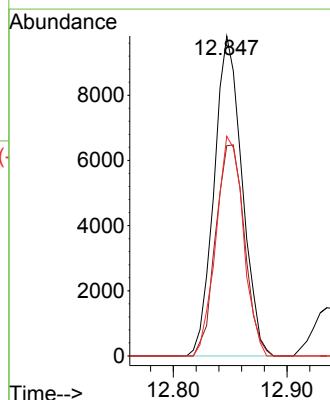
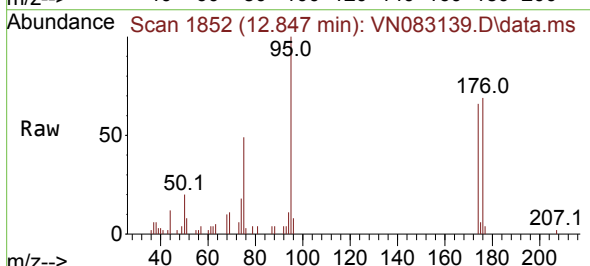
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

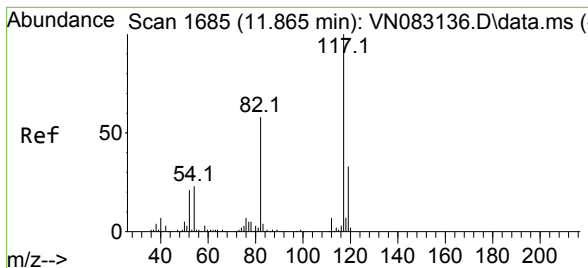
Tgt Ion:107 Resp: 11523
Ion Ratio Lower Upper
107 100
109 95.9 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 5.317 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 95 Resp: 16776
Ion Ratio Lower Upper
95 100
174 68.1 0.0 159.2
176 67.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

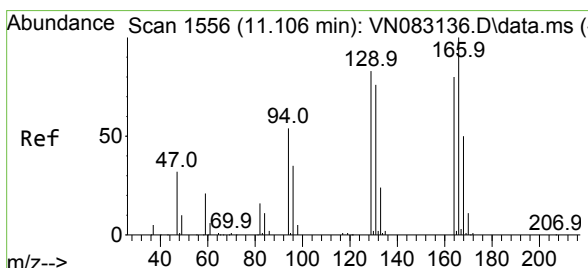
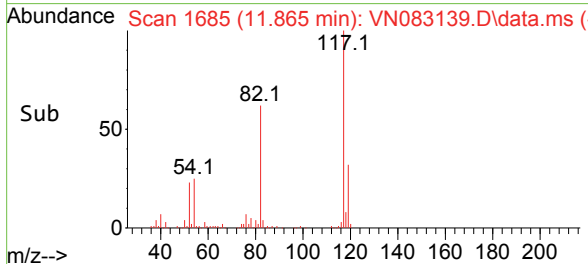
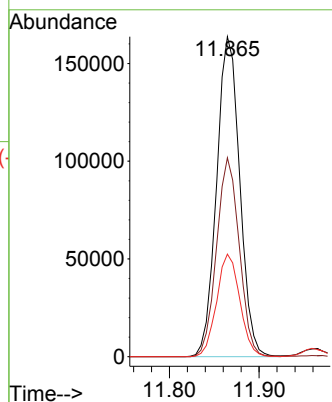
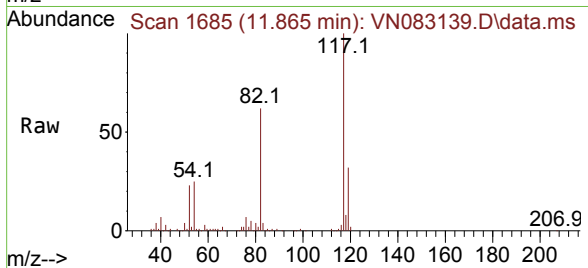
Tgt Ion:117 Resp: 293513

Ion Ratio Lower Upper

117 100

82 62.1 47.5 71.3

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 4.896 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Tgt Ion:164 Resp: 9517

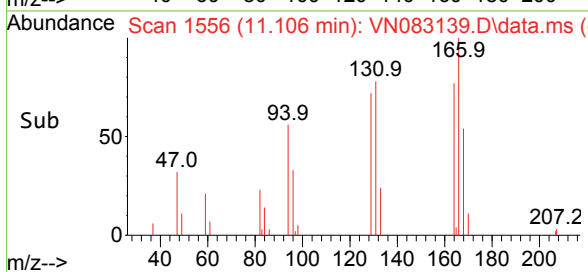
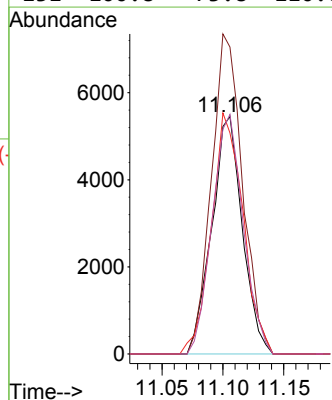
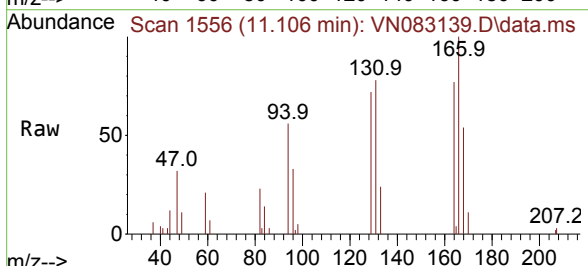
Ion Ratio Lower Upper

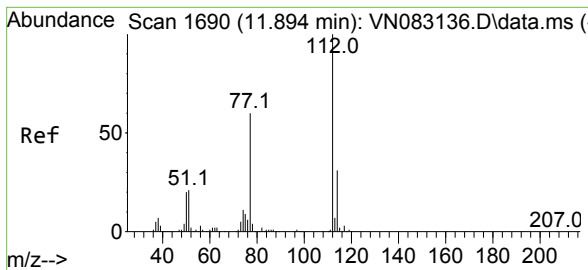
164 100

166 129.2 101.4 152.0

129 93.1 75.7 113.5

131 100.8 73.8 110.6

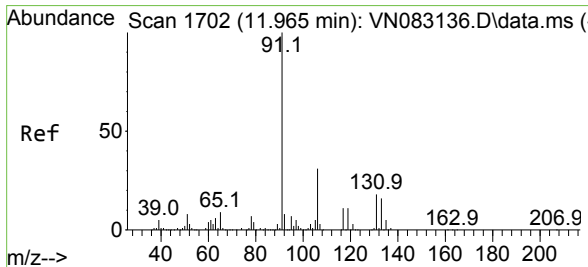
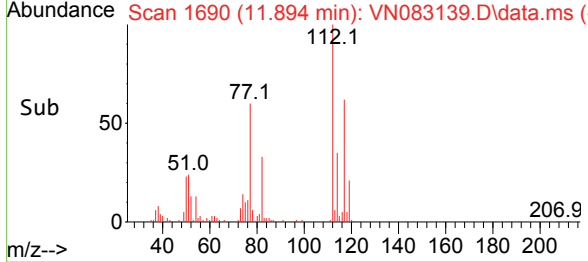
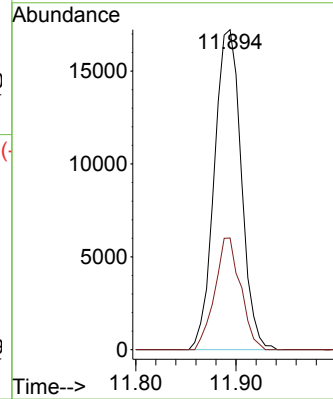
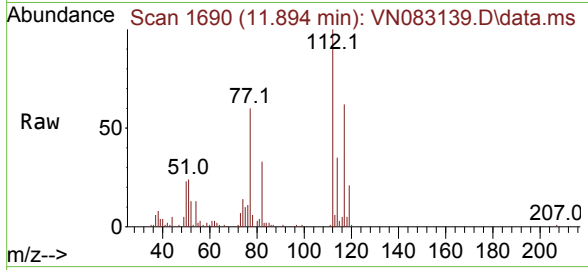




#65
Chlorobenzene
Concen: 4.951 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

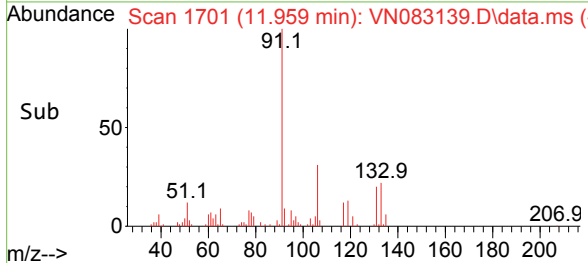
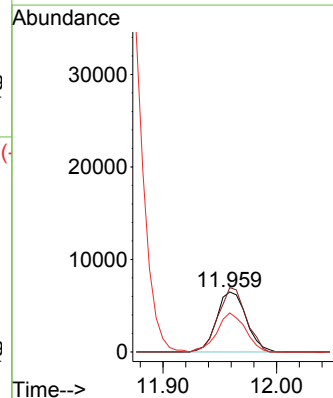
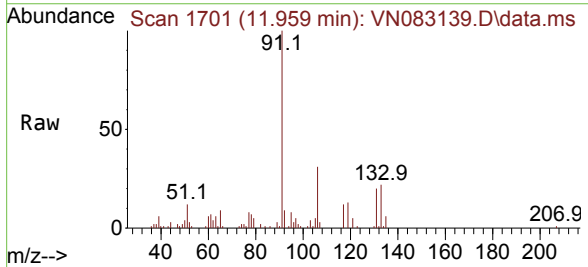
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

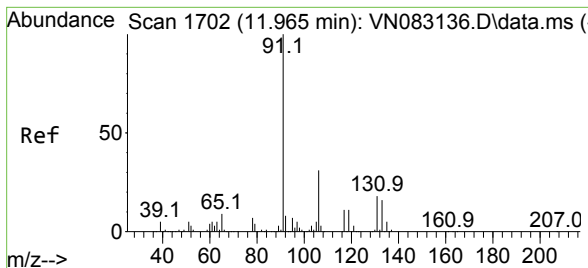
Tgt Ion:112 Resp: 32114
Ion Ratio Lower Upper
112 100
114 34.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.140 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:131 Resp: 11758
Ion Ratio Lower Upper
131 100
133 101.6 47.3 142.0
119 62.2 32.5 97.4





#67

Ethyl Benzene

Concen: 5.013 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

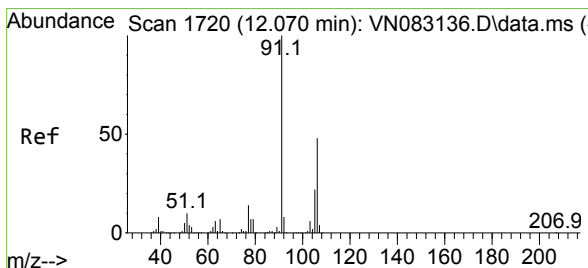
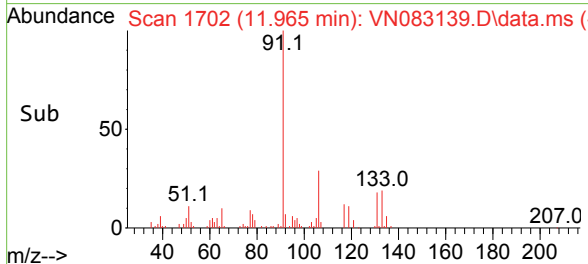
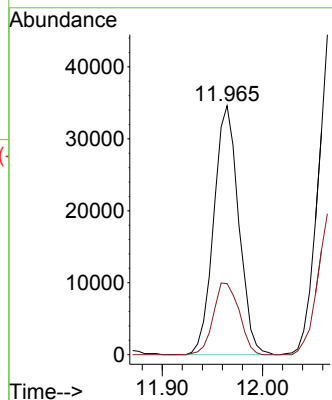
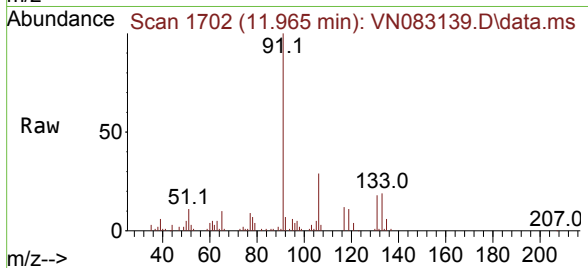
VSTDICC005

Tgt Ion: 91 Resp: 59648

Ion Ratio Lower Upper

91 100

106 28.6 24.0 36.0



#68

m/p-Xylenes

Concen: 10.000 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083139.D

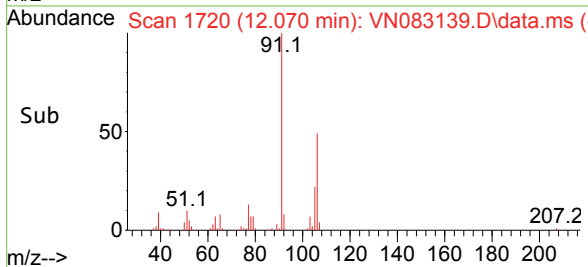
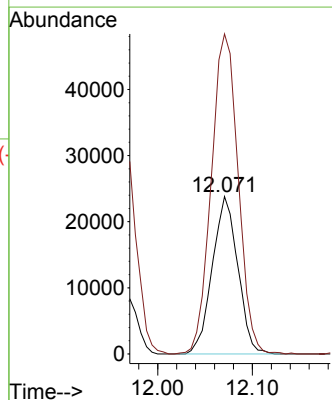
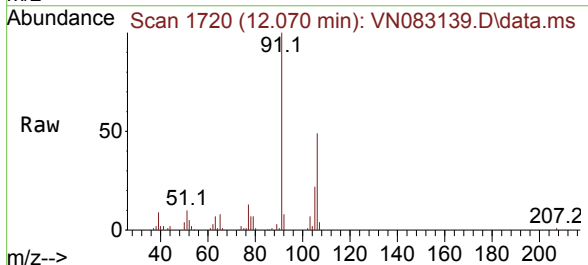
Acq: 07 Aug 2024 12:10

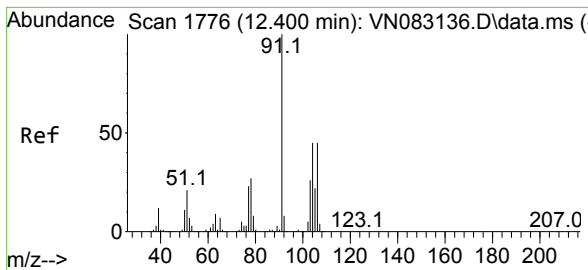
Tgt Ion: 106 Resp: 44572

Ion Ratio Lower Upper

106 100

91 214.3 166.1 249.1

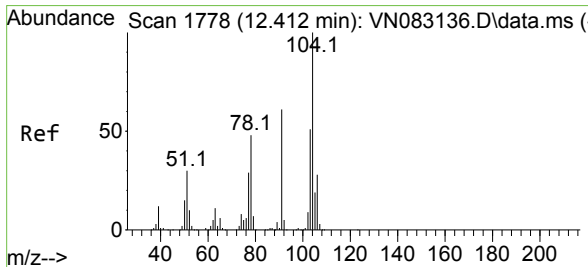
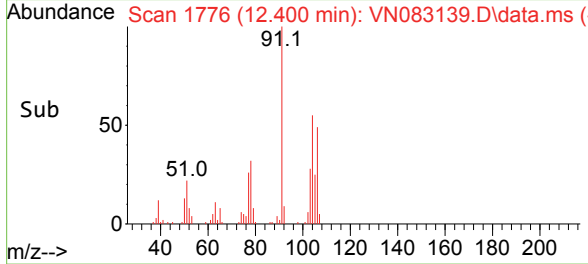
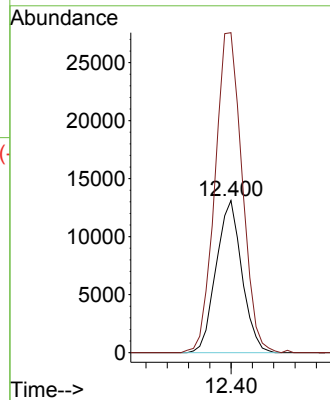
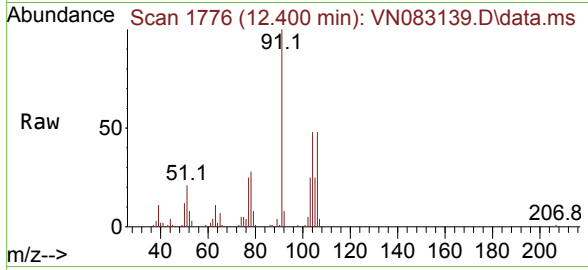




#69
o-Xylene
Concen: 5.005 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

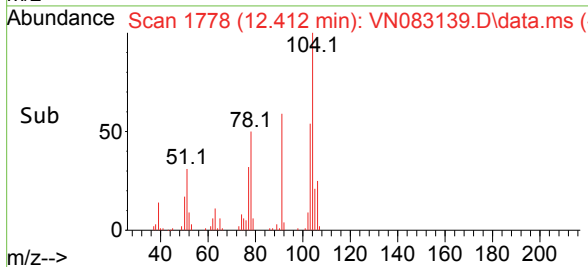
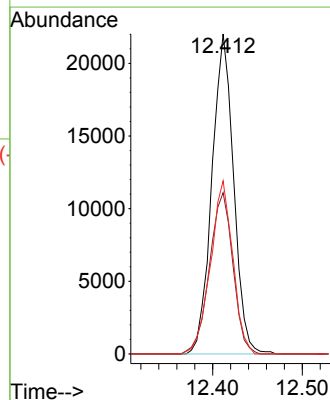
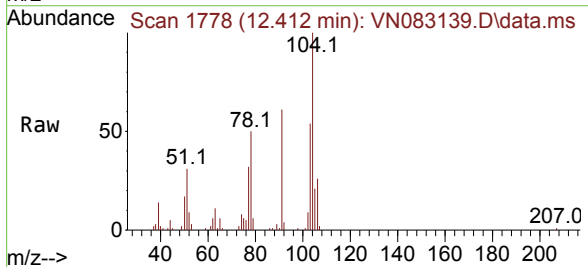
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

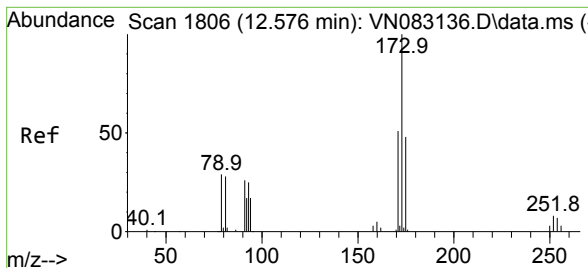
Tgt Ion:106 Resp: 22003
Ion Ratio Lower Upper
106 100
91 221.7 111.3 333.9



#70
Styrene
Concen: 5.014 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:104 Resp: 37023
Ion Ratio Lower Upper
104 100
78 54.3 41.6 62.4
103 55.4 44.0 66.0





#71

Bromoform

Concen: 4.665 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

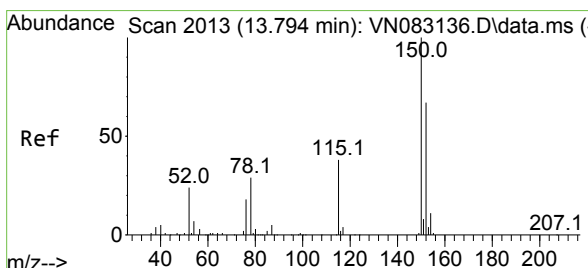
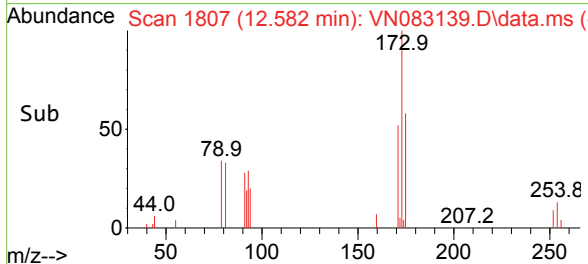
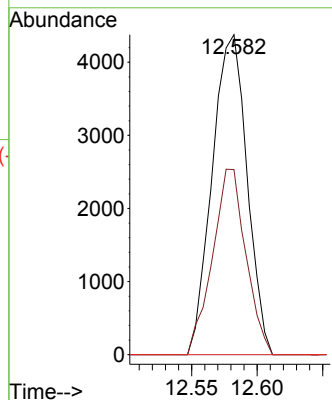
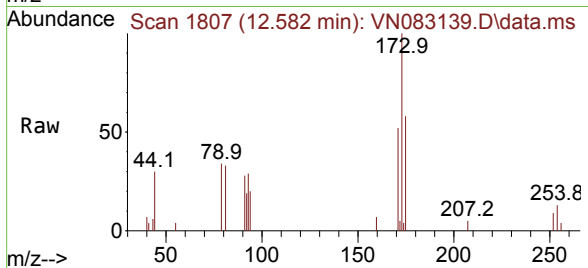
Tgt Ion:173 Resp: 8085

Ion Ratio Lower Upper

173 100

175 55.6 24.0 72.0

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: VN083139.D

Acq: 07 Aug 2024 12:10

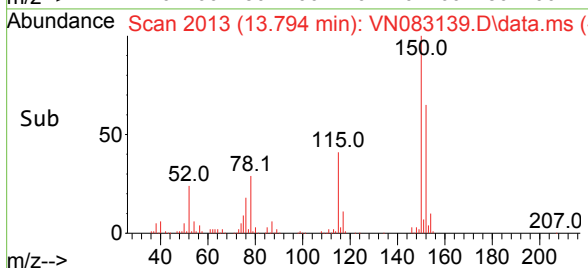
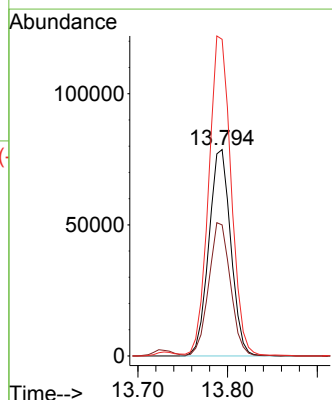
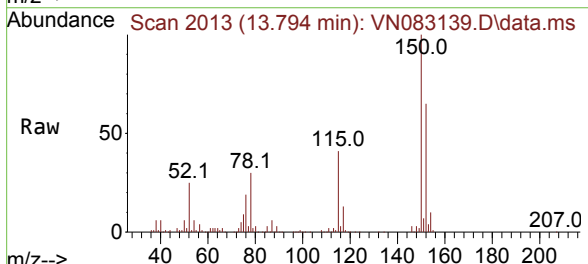
Tgt Ion:152 Resp: 133537

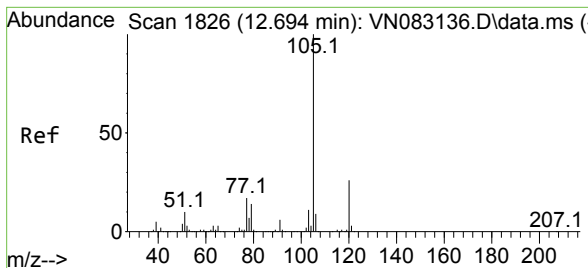
Ion Ratio Lower Upper

152 100

115 64.0 30.6 91.6

150 158.4 0.0 348.6





#73

Isopropylbenzene

Concen: 5.080 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

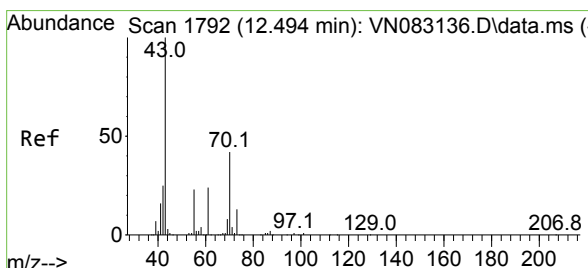
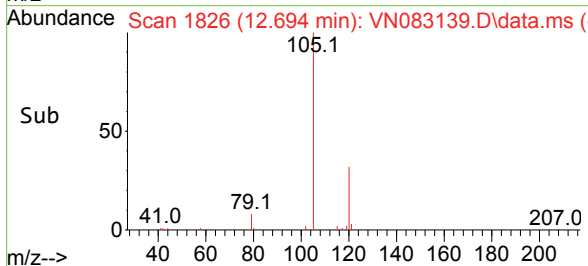
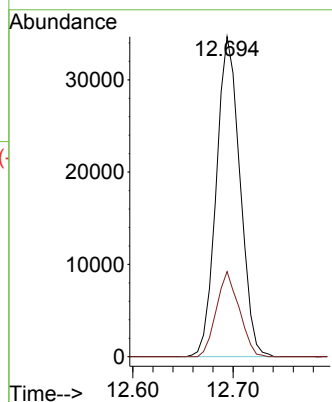
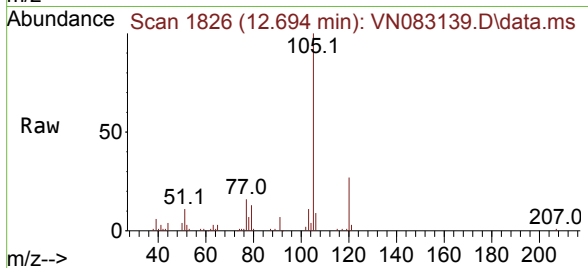
VSTDICC005

Tgt Ion:105 Resp: 56741

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 5.014 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Tgt Ion: 43 Resp: 27393

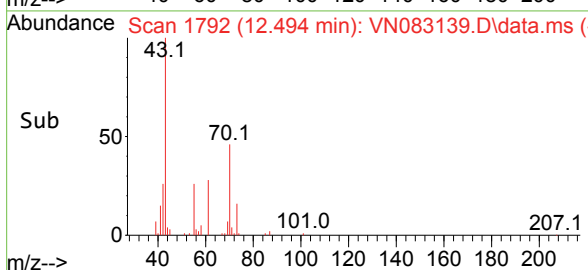
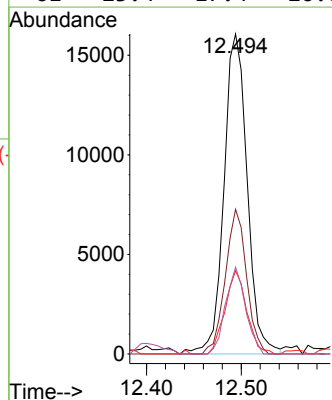
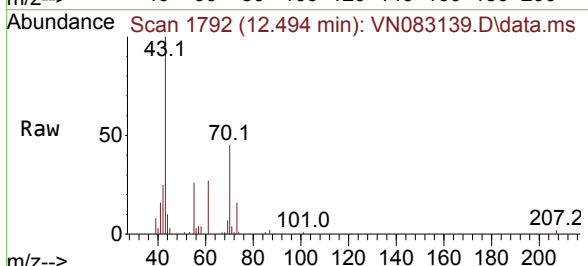
Ion Ratio Lower Upper

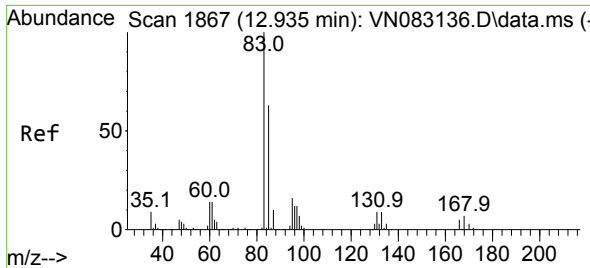
43 100

70 41.4 29.8 44.6

55 24.3 18.7 28.1

61 23.4 17.4 26.0

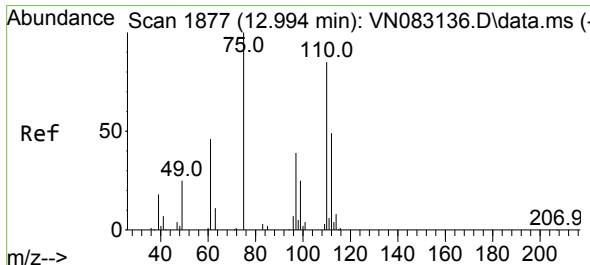
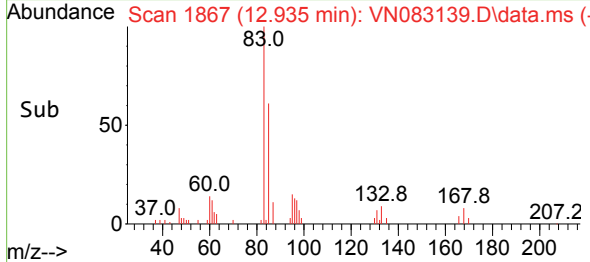
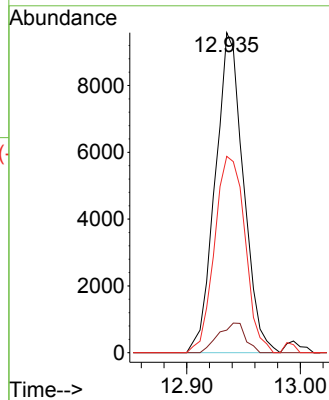
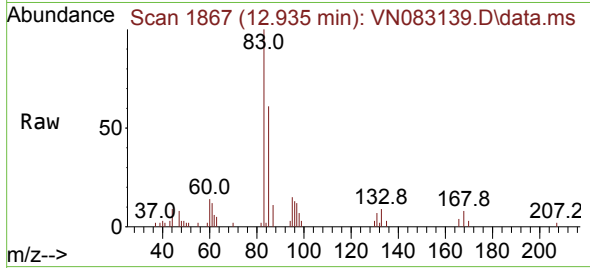




#75
1,1,2,2-Tetrachloroethane
Concen: 5.227 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

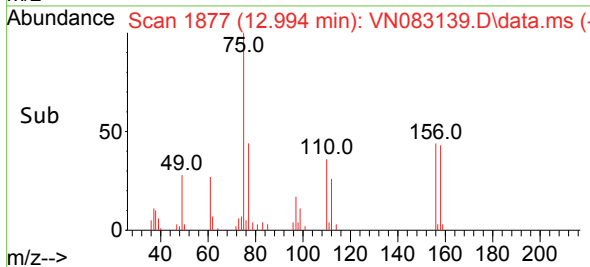
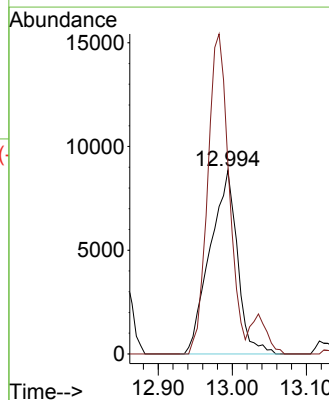
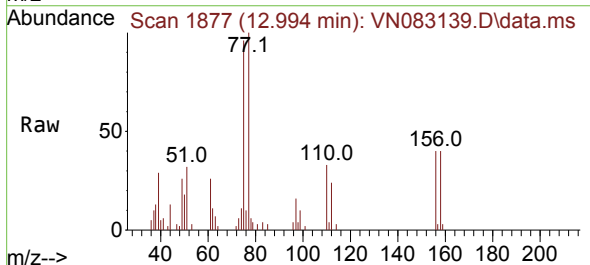
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

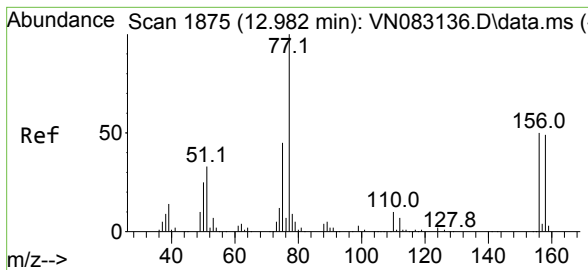
Tgt Ion: 83 Resp: 16514
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 66.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 7.738 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 75 Resp: 22715
Ion Ratio Lower Upper
75 100
77 135.2 110.9 332.6

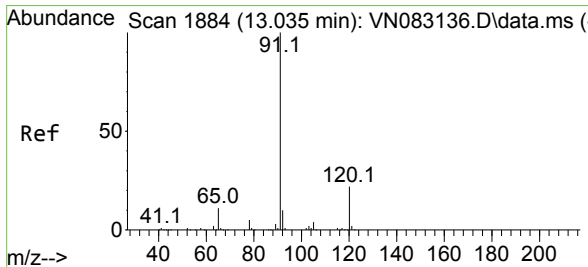
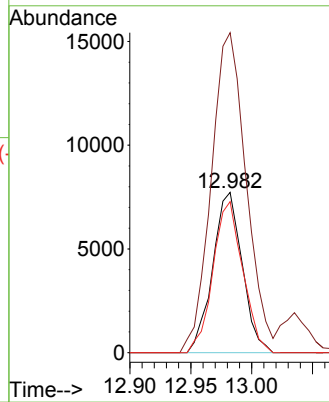
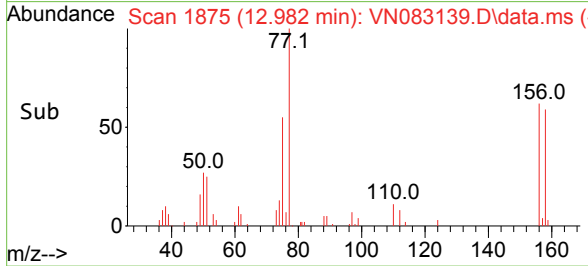
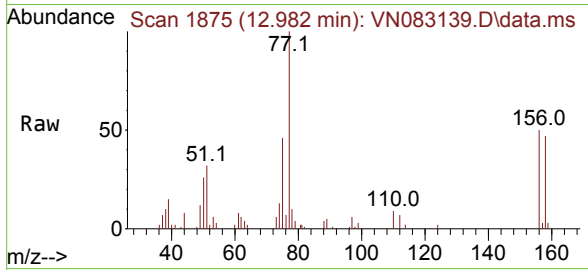




#77
Bromobenzene
Concen: 5.249 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

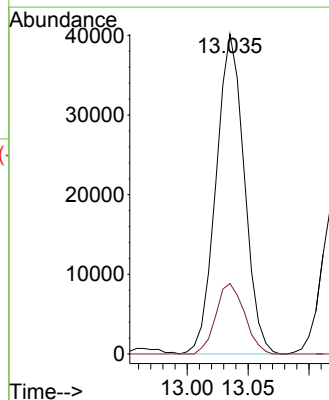
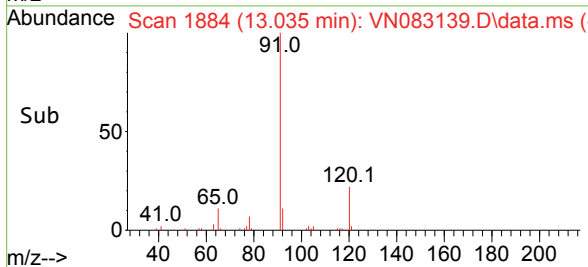
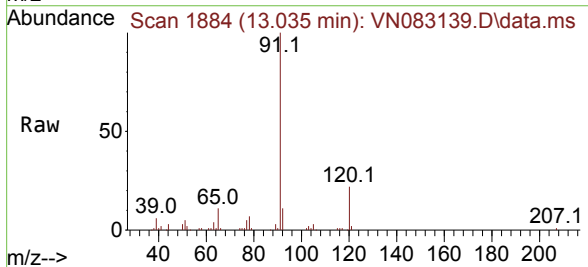
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

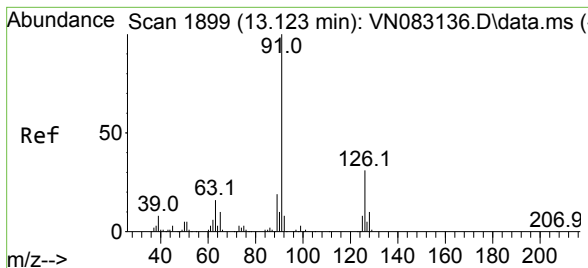
Tgt Ion:156 Resp: 13024
Ion Ratio Lower Upper
156 100
77 235.8 111.3 333.8
158 95.0 48.3 144.9



#78
n-propylbenzene
Concen: 5.035 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 91 Resp: 64751
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 5.050 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

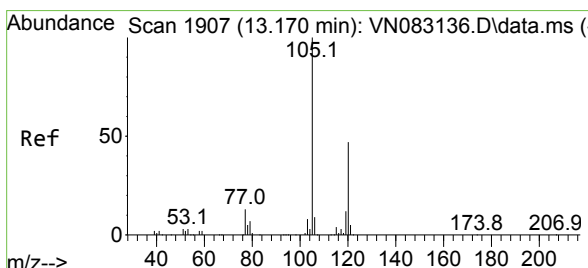
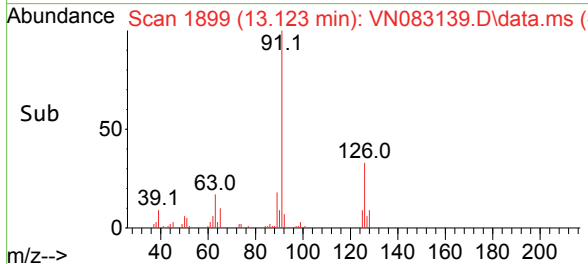
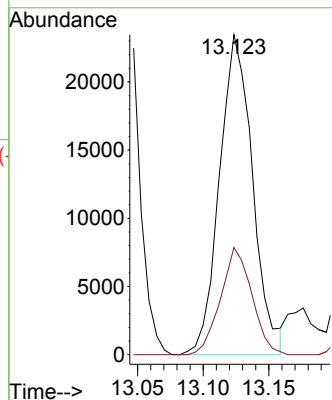
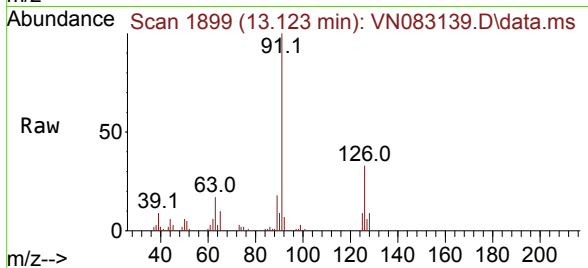
VSTDICC005

Tgt Ion: 91 Resp: 41176

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 5.088 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083139.D

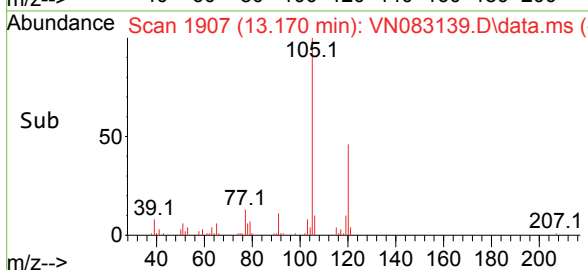
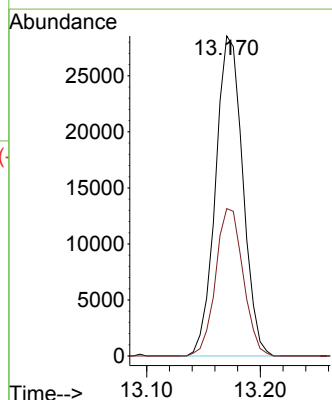
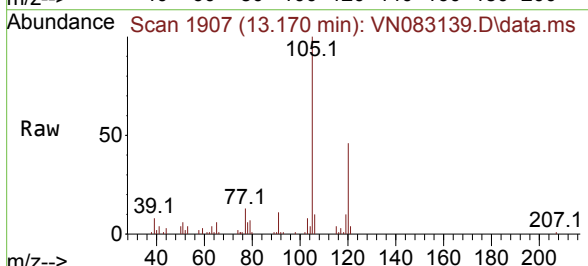
Acq: 07 Aug 2024 12:10

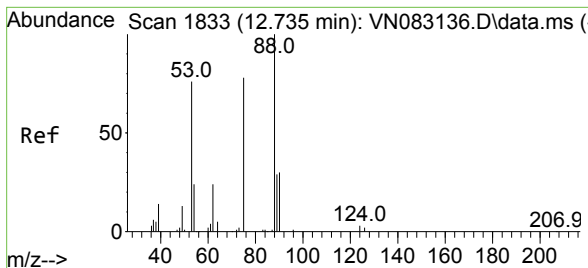
Tgt Ion: 105 Resp: 47581

Ion Ratio Lower Upper

105 100

120 46.5 24.3 72.8

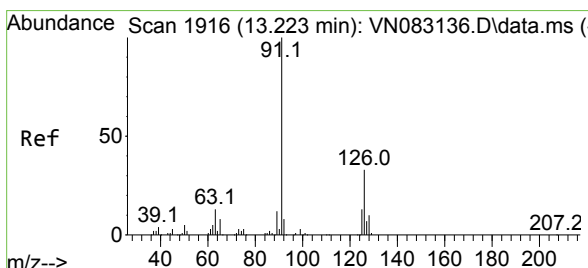
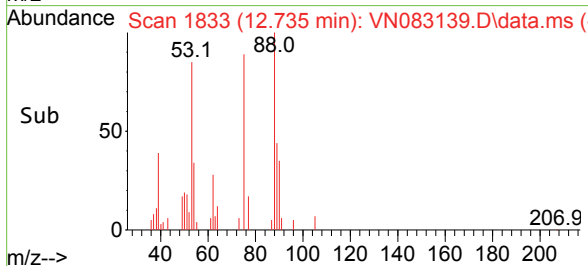
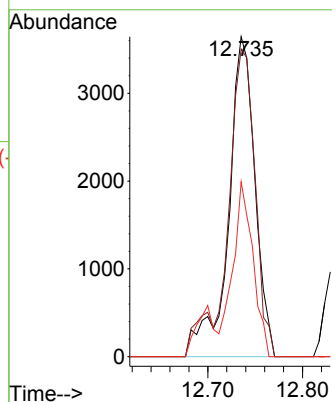
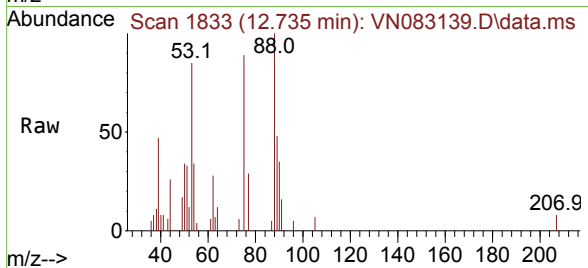




#81
trans-1,4-Dichloro-2-butene
Concen: 5.254 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

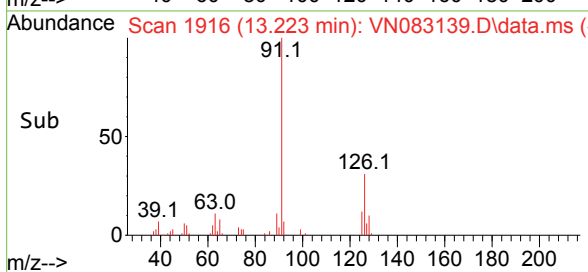
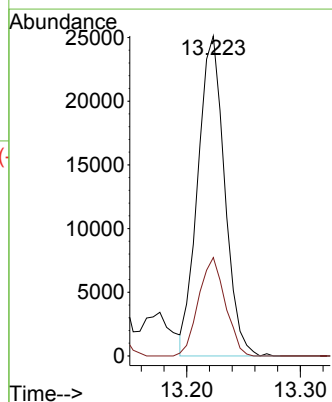
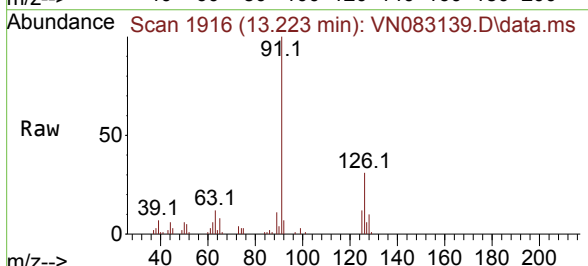
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

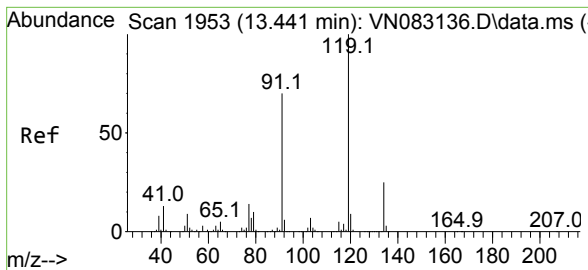
Tgt Ion: 75 Resp: 7079
Ion Ratio Lower Upper
75 100
53 100.6 88.4 132.6
89 41.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 5.030 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion: 91 Resp: 41137
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 5.159 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

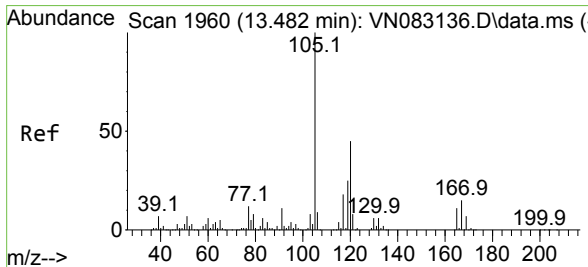
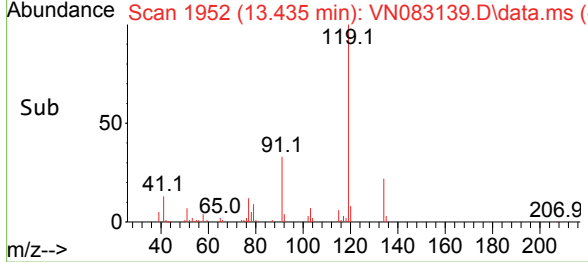
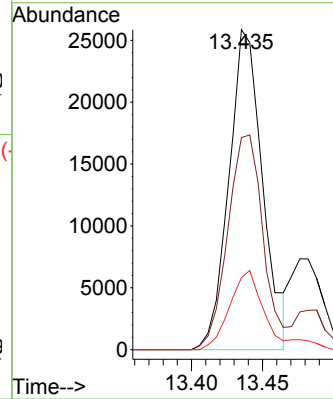
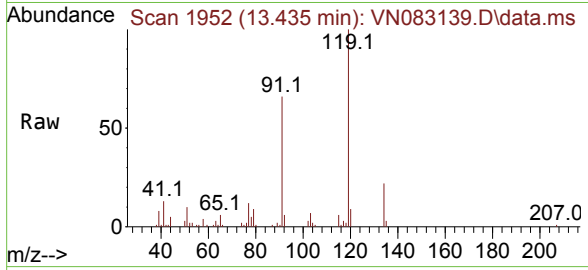
Tgt Ion:119 Resp: 42723

Ion Ratio Lower Upper

119 100

91 70.0 35.0 105.1

134 26.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 5.090 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083139.D

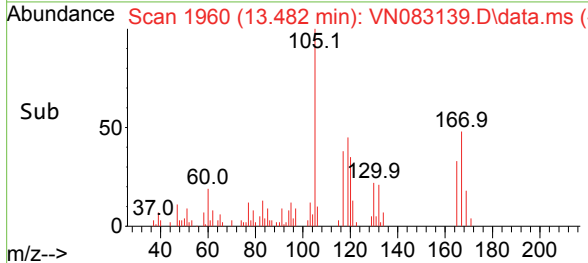
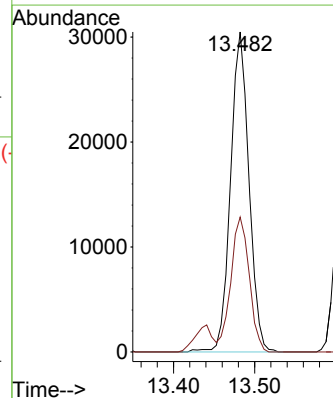
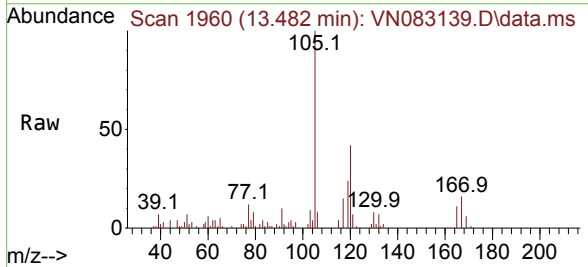
Acq: 07 Aug 2024 12:10

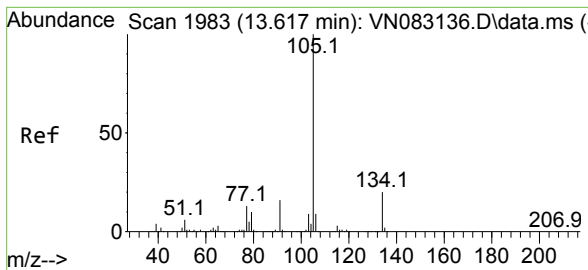
Tgt Ion:105 Resp: 47965

Ion Ratio Lower Upper

105 100

120 42.3 21.9 65.8

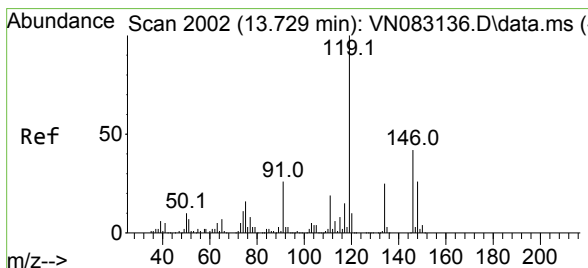
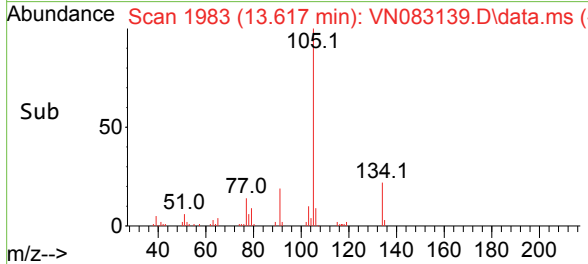
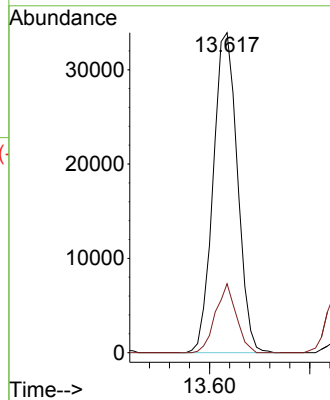
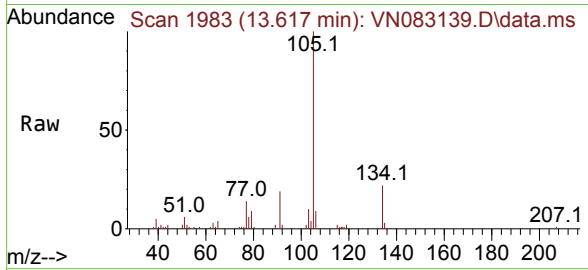




#85
 sec-Butylbenzene
 Concen: 5.040 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

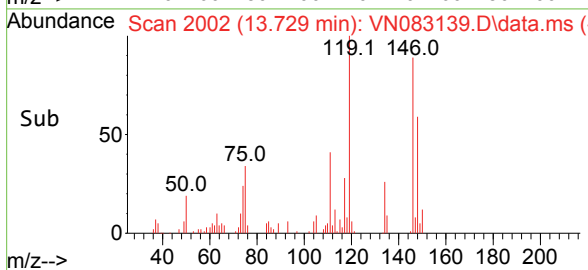
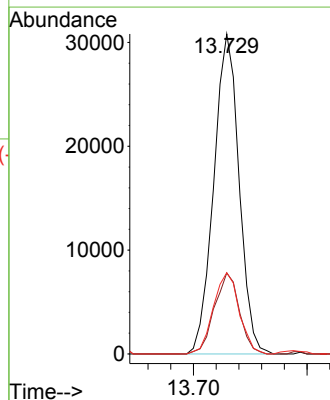
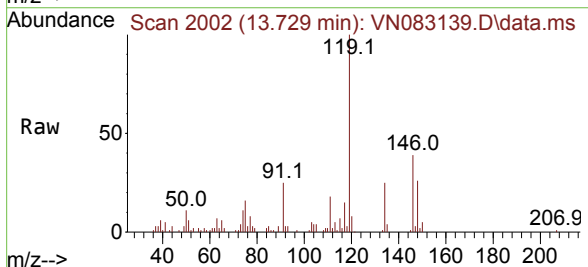
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

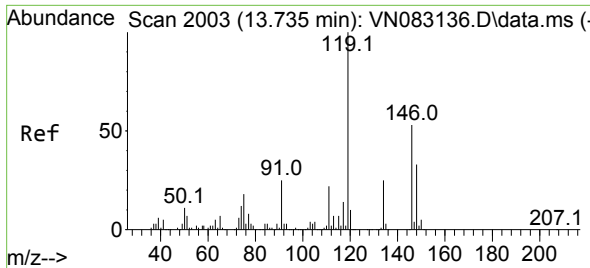
Tgt Ion:105 Resp: 56947
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 5.108 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion:119 Resp: 47654
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 39.0
 91 26.0 12.3 36.9

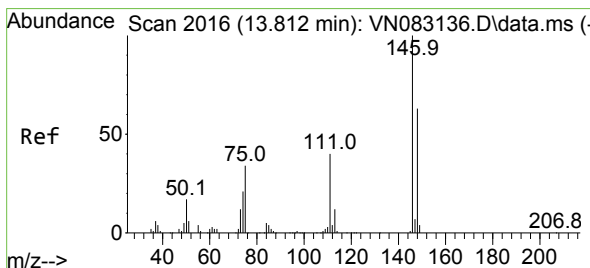
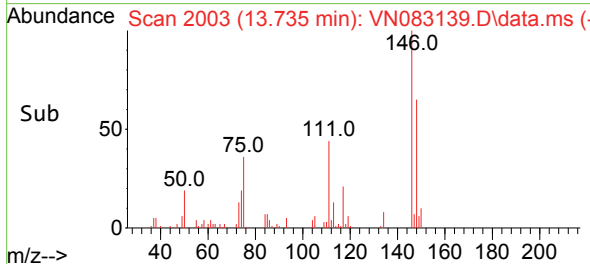
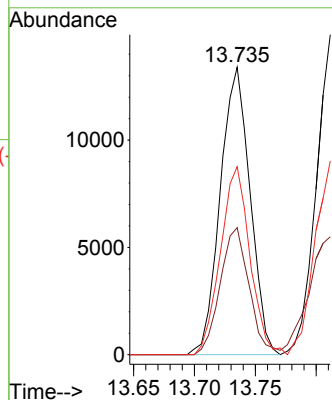
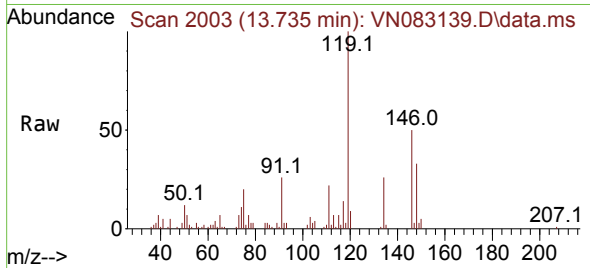




#87
1,3-Dichlorobenzene
Concen: 4.887 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

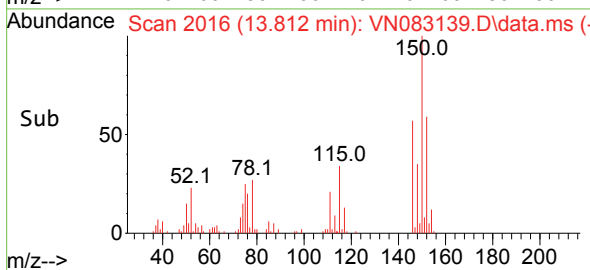
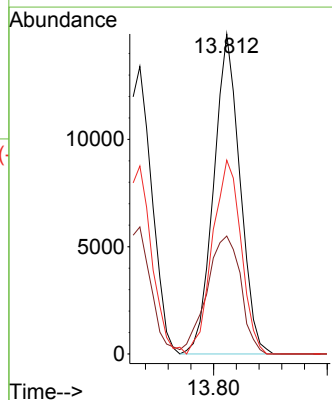
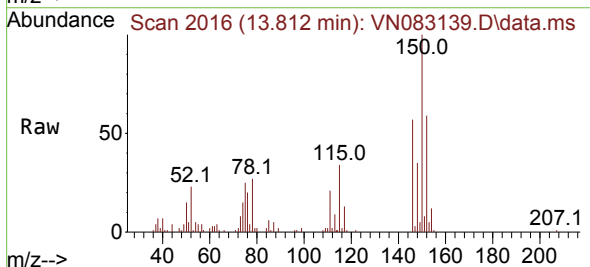
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

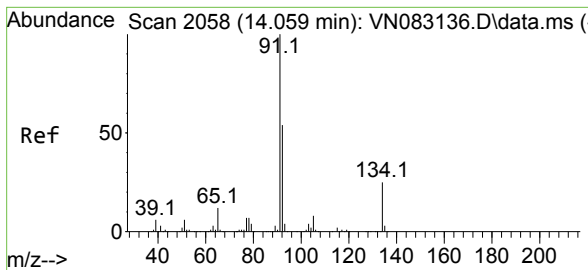
Tgt Ion:146 Resp: 22814
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.9
148 64.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 5.093 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:146 Resp: 23971
Ion Ratio Lower Upper
146 100
111 47.6 20.1 60.3
148 65.9 32.2 96.6





#89

n-Butylbenzene

Concen: 4.983 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

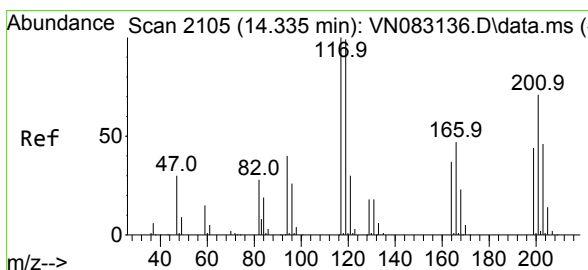
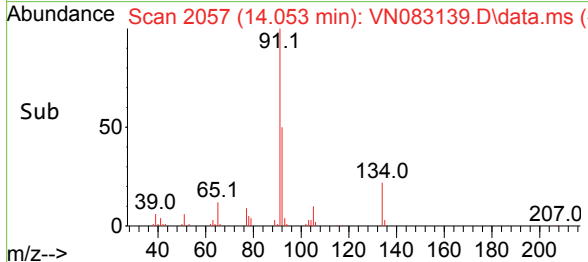
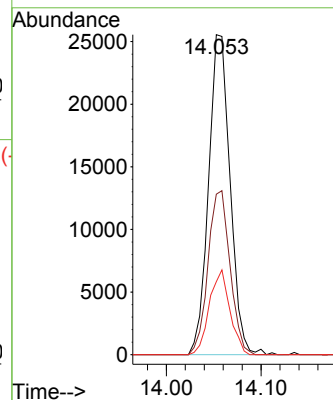
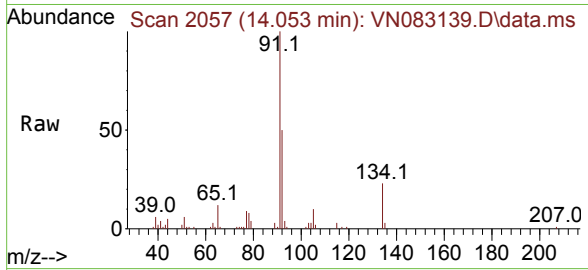
Tgt Ion: 91 Resp: 40282

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 25.3 12.1 36.3



#90

Hexachloroethane

Concen: 5.158 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083139.D

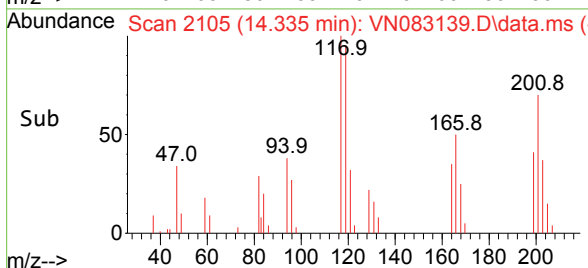
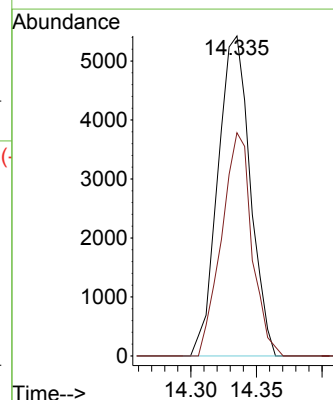
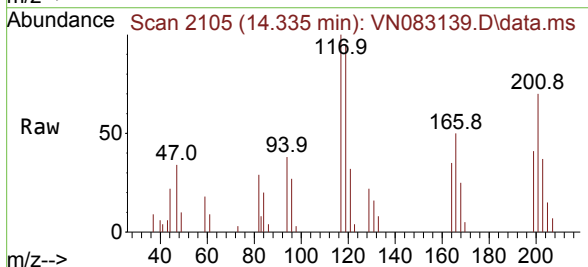
Acq: 07 Aug 2024 12:10

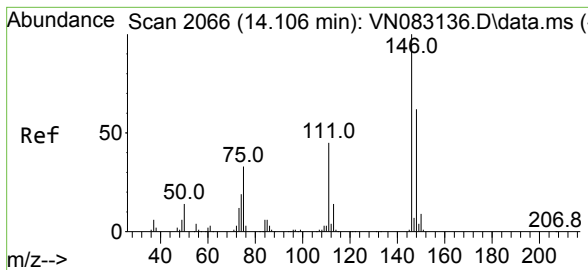
Tgt Ion: 117 Resp: 9298

Ion Ratio Lower Upper

117 100

201 65.4 35.8 107.3

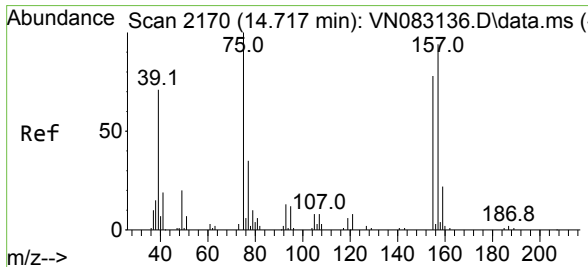
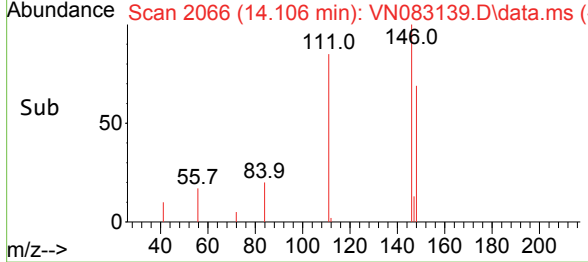
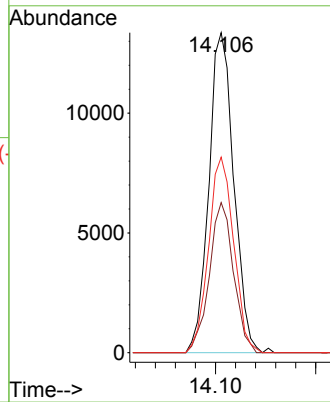
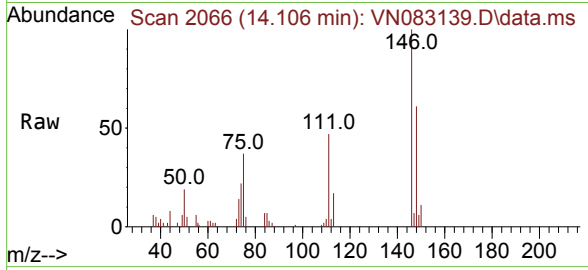




#91
1,2-Dichlorobenzene
Concen: 5.117 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

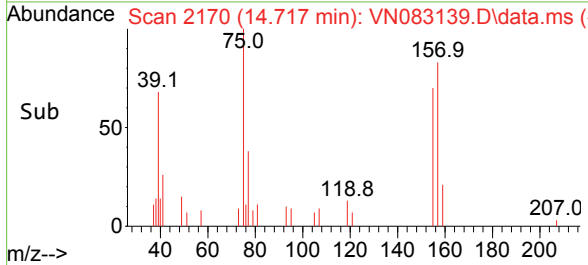
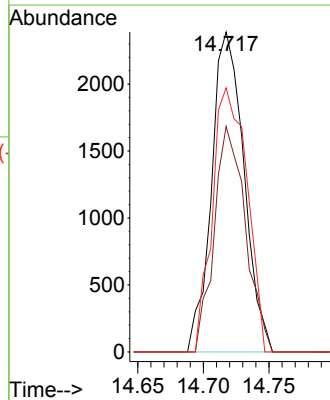
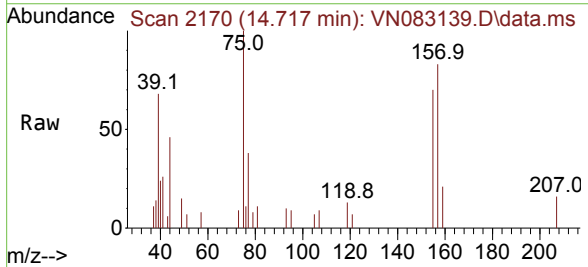
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

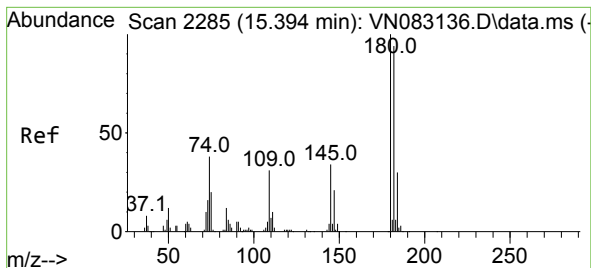
Tgt Ion:	146	Resp:	23116
Ion Ratio	Lower	Upper	
146	100		
111	45.5	21.4	64.2
148	61.5	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.345 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083139.D
Acq: 07 Aug 2024 12:10

Tgt Ion:	75	Resp:	4097
Ion Ratio	Lower	Upper	
75	100		
155	68.1	36.6	109.8
157	88.3	46.9	140.6





#93

1,2,4-Trichlorobenzene

Concen: 4.710 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

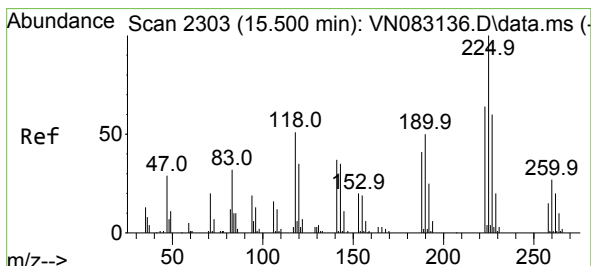
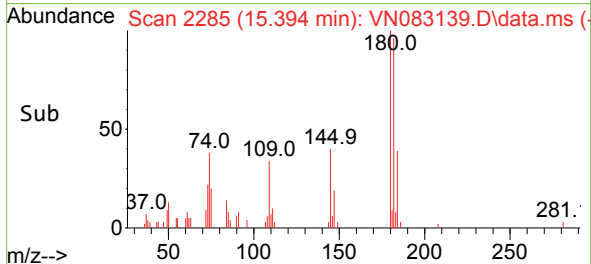
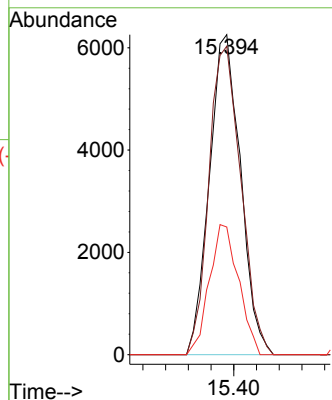
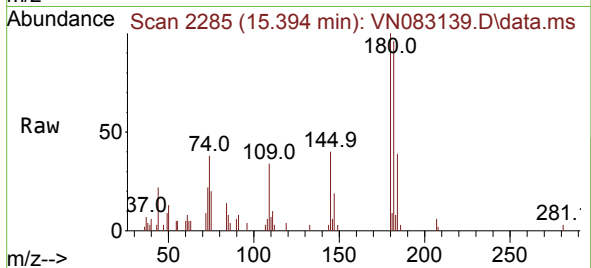
Tgt Ion:180 Resp: 11922

Ion Ratio Lower Upper

180 100

182 98.9 47.3 141.8

145 38.1 15.7 47.1



#94

Hexachlorobutadiene

Concen: 5.282 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083139.D

Acq: 07 Aug 2024 12:10

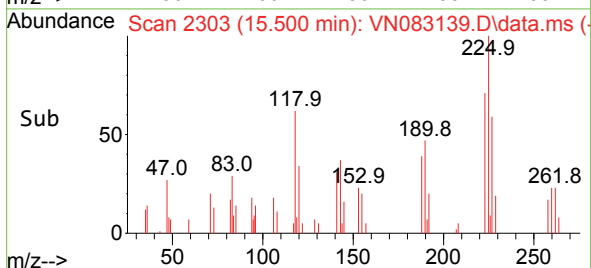
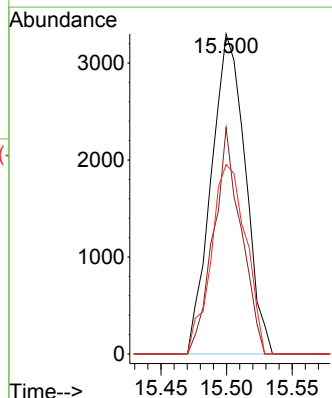
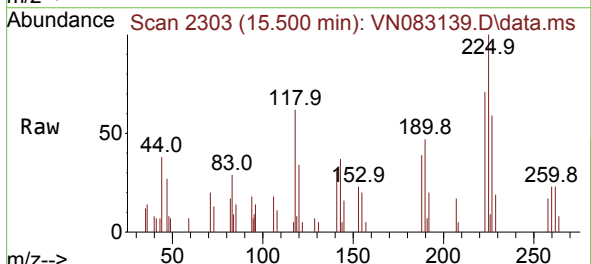
Tgt Ion:225 Resp: 5946

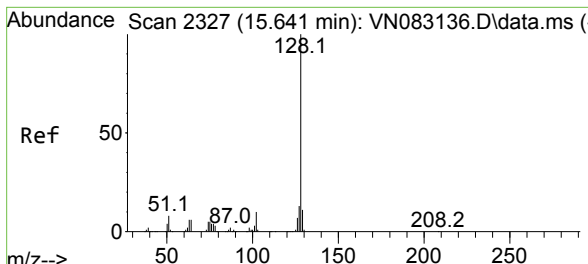
Ion Ratio Lower Upper

225 100

223 57.3 31.9 95.7

227 60.5 32.5 97.5

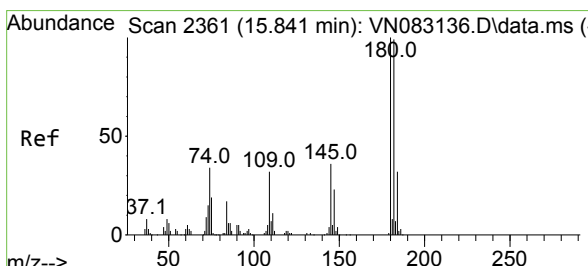
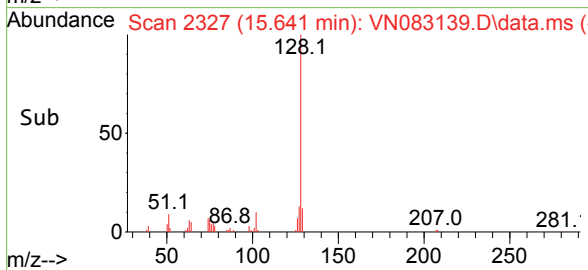
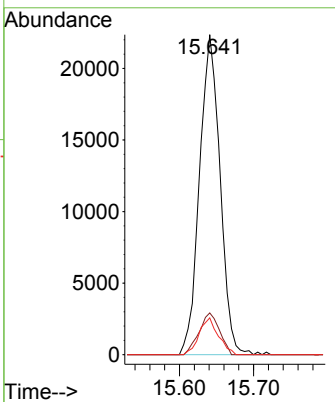
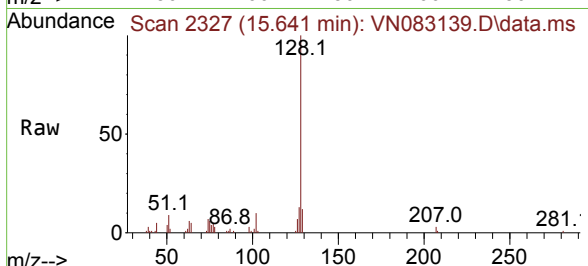




#95
 Naphthalene
 Concen: 4.811 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:	128	Resp:	43131
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.8	8.6	12.8



#96
 1,2,3-Trichlorobenzene
 Concen: 4.905 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN083139.D
 Acq: 07 Aug 2024 12:10

Tgt Ion:	180	Resp:	12285
Ion	Ratio	Lower	Upper
180	100		
182	91.5	48.9	146.8
145	35.5	16.8	50.4

