

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082952.D
 Acq On : 17 Jul 2024 10:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 05:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	98968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	167805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	159206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71803	51.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.520%	
35) Dibromofluoromethane	8.171	113	56967	52.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.820%	
50) Toluene-d8	10.571	98	214739	53.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	12.853	95	75288	52.702	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82289	64.223	ug/l	99
3) Chloromethane	2.365	50	65939	54.266	ug/l	99
4) Vinyl Chloride	2.512	62	75187	58.916	ug/l	98
5) Bromomethane	2.947	94	42549	46.243	ug/l	92
6) Chloroethane	3.118	64	48083	55.059	ug/l	99
7) Trichlorofluoromethane	3.495	101	91215	49.695	ug/l	100
8) Diethyl Ether	3.965	74	29371	46.756	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	54190	52.164	ug/l	100
10) Methyl Iodide	4.589	142	51520	48.372	ug/l	95
11) Tert butyl alcohol	5.524	59	43549	186.633	ug/l	100
12) 1,1-Dichloroethene	4.342	96	48239	47.747	ug/l	92
13) Acrolein	4.177	56	36925	219.184	ug/l	99
14) Allyl chloride	5.024	41	68226	43.311	ug/l #	94
15) Acrylonitrile	5.718	53	133946	249.781	ug/l	99
16) Acetone	4.424	43	108263	221.649	ug/l	94
17) Carbon Disulfide	4.712	76	134300	44.486	ug/l	99
18) Methyl Acetate	5.024	43	69809	54.012	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	173255	49.714	ug/l	100
20) Methylene Chloride	5.271	84	58507	49.599	ug/l	83
21) trans-1,2-Dichloroethene	5.783	96	52801	48.233	ug/l	89
22) Diisopropyl ether	6.671	45	180794	54.860	ug/l	96
23) Vinyl Acetate	6.606	43	695659	265.809	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	106644	53.348	ug/l	99
25) 2-Butanone	7.482	43	180577	244.842	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	100593	54.122	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	66255	51.697	ug/l	90
28) Bromochloromethane	7.812	49	51367	59.898	ug/l #	83
29) Tetrahydrofuran	7.841	42	119765	257.942	ug/l #	86
30) Chloroform	7.965	83	116923	55.134	ug/l	99
31) Cyclohexane	8.259	56	84367	46.515	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	103521	52.576	ug/l	97
36) 1,1-Dichloropropene	8.377	75	79070	53.261	ug/l	99
37) Ethyl Acetate	7.565	43	73683	48.750	ug/l	95
38) Carbon Tetrachloride	8.365	117	92515	51.757	ug/l	98
39) Methylcyclohexane	9.600	83	75998	47.392	ug/l	94
40) Benzene	8.606	78	246288	53.932	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	40076	49.217	ug/l	91
42) 1,2-Dichloroethane	8.671	62	88700	53.955	ug/l	97
43) Isopropyl Acetate	8.688	43	145195	51.007	ug/l	96
44) Trichloroethene	9.353	130	56449	48.249	ug/l	95
45) 1,2-Dichloropropane	9.624	63	61286	57.485	ug/l	99
46) Dibromomethane	9.712	93	45429	54.696	ug/l	99
47) Bromodichloromethane	9.888	83	94633	55.143	ug/l	99
48) Methyl methacrylate	9.682	41	60242	50.832	ug/l #	86
49) 1,4-Dioxane	9.694	88	23704	917.716	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	410549	273.991	ug/l	94
52) Toluene	10.629	92	158688	55.629	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	95551	54.047	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	100130	53.507	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	60807	57.968	ug/l	99
56) Ethyl methacrylate	10.876	69	92440	56.643	ug/l	86
57) 1,3-Dichloropropane	11.165	76	103581	55.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	252394	301.398	ug/l	95
59) 2-Hexanone	11.200	43	309332	277.667	ug/l	93
60) Dibromochloromethane	11.359	129	74224	55.555	ug/l	99
61) 1,2-Dibromoethane	11.470	107	61683	55.373	ug/l	100
64) Tetrachloroethene	11.106	164	56686	47.724	ug/l	96
65) Chlorobenzene	11.894	112	175131	51.335	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	64363	53.040	ug/l	99
67) Ethyl Benzene	11.965	91	302951	52.836	ug/l	98
68) m/p-Xylenes	12.070	106	238124	110.002	ug/l	97
69) o-Xylene	12.400	106	112111	54.051	ug/l	94
70) Styrene	12.412	104	200257	58.432	ug/l	98
71) Bromoform	12.582	173	50243	52.648	ug/l #	98
73) Isopropylbenzene	12.700	105	285055	47.788	ug/l	99
74) N-amyl acetate	12.494	43	117662	47.688	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	88817	49.717	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	119300	84.295	ug/l	42
77) Bromobenzene	12.982	156	72459	47.087	ug/l	95
78) n-propylbenzene	13.035	91	345009	50.305	ug/l	99
79) 2-Chlorotoluene	13.123	91	207806	47.555	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	242953	50.388	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	33996	47.242	ug/l	98
82) 4-Chlorotoluene	13.223	91	211359	48.866	ug/l	98
83) tert-Butylbenzene	13.441	119	201065	47.037	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	248233	50.512	ug/l	97
85) sec-Butylbenzene	13.617	105	288814	49.999	ug/l	99
86) p-Isopropyltoluene	13.729	119	241791	50.170	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137646	49.515	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	135472	47.122	ug/l	98
89) n-Butylbenzene	14.059	91	202785	49.114	ug/l	99
90) Hexachloroethane	14.335	117	47832	46.905	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	131512	48.725	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17587	42.553	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	62724	43.143	ug/l	100
94) Hexachlorobutadiene	15.506	225	27664	42.922	ug/l	98
95) Naphthalene	15.641	128	211690	42.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64107	42.885	ug/l	99

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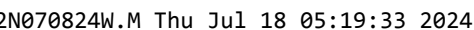
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

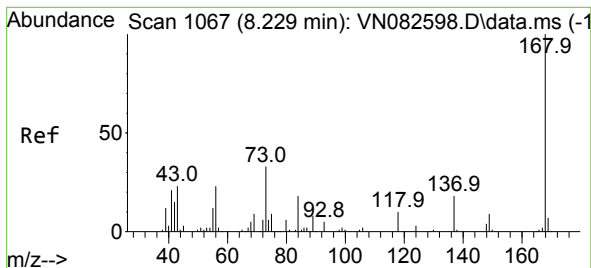
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QLast Update : Mon Jul 08 13:46:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN082952.D

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ClientSampleId :

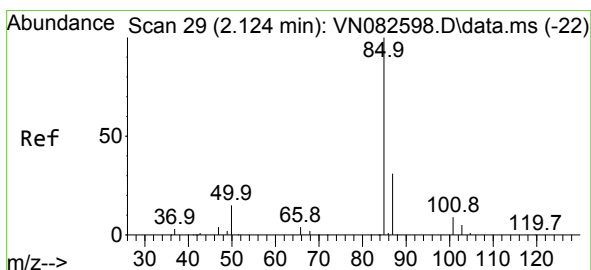
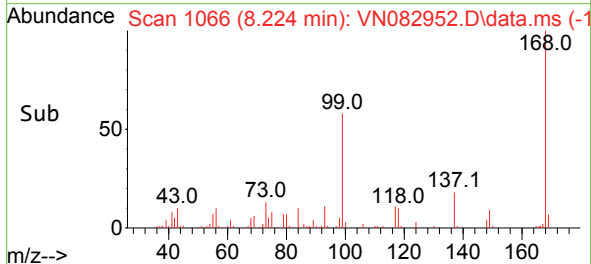
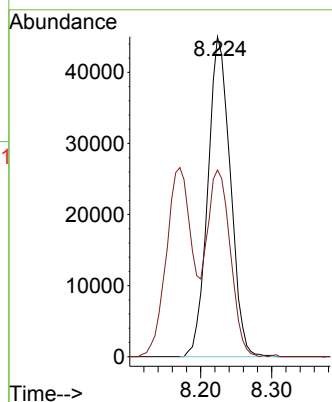
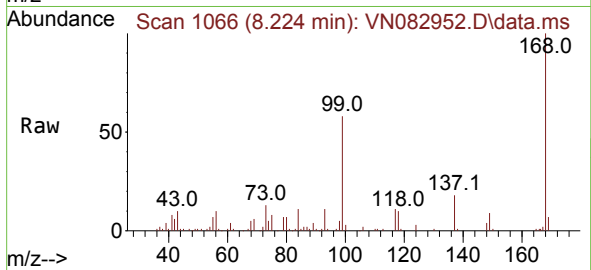
VSTDCCC050

Tgt Ion:168 Resp: 98968

Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 64.223 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082952.D

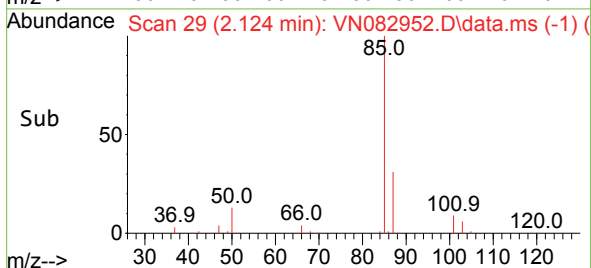
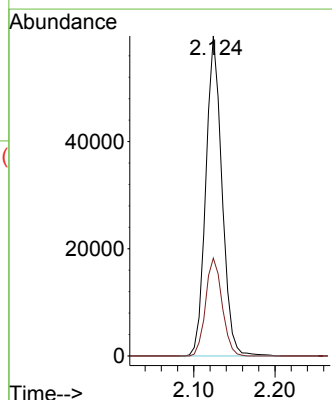
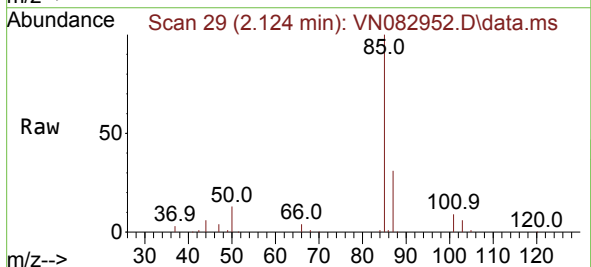
Acq: 17 Jul 2024 10:12

Tgt Ion: 85 Resp: 82289

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

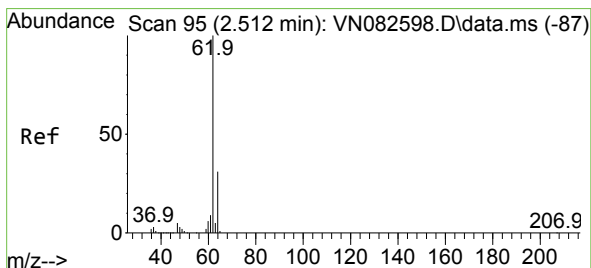
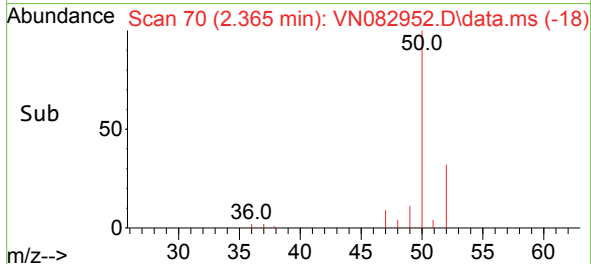
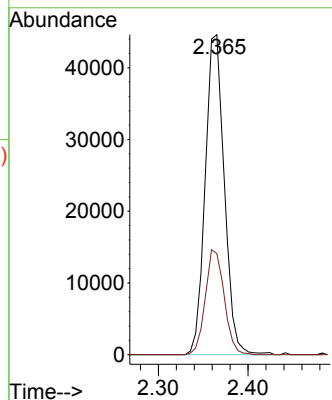
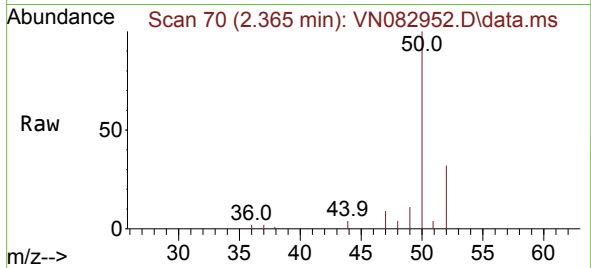




#3
Chloromethane
Concen: 54.266 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

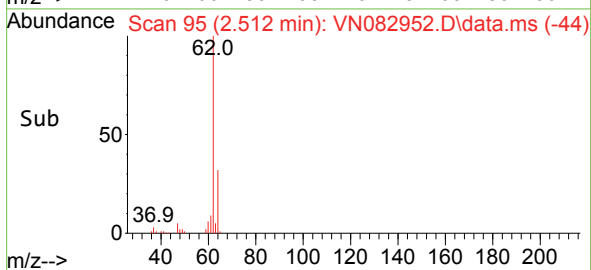
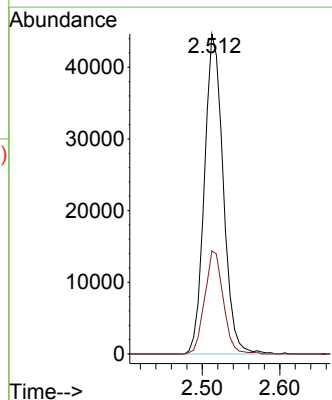
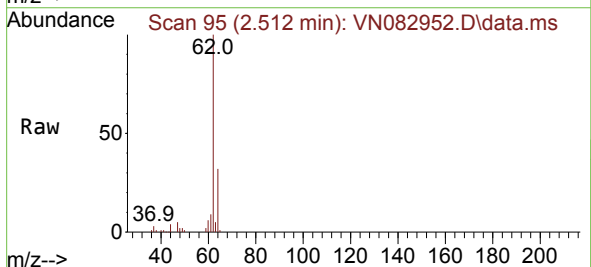
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 65939
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4



#4
Vinyl Chloride
Concen: 58.916 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 62 Resp: 75187
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

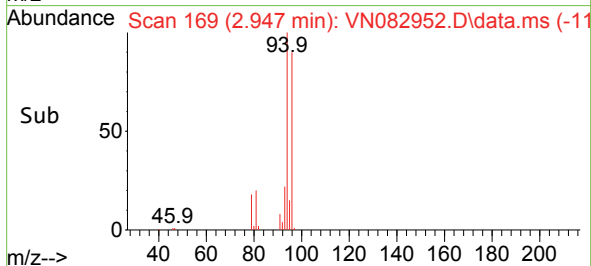
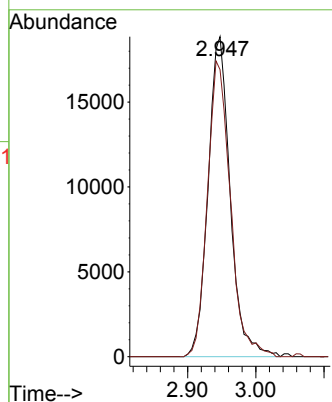
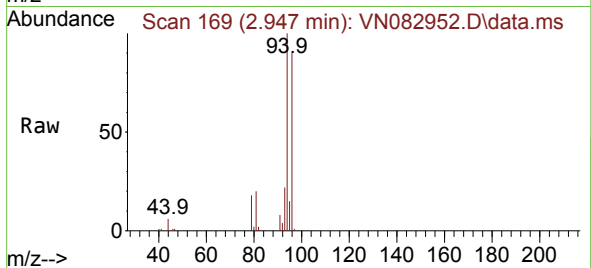




#5
Bromomethane
Concen: 46.243 ug/l
RT: 2.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082952.D
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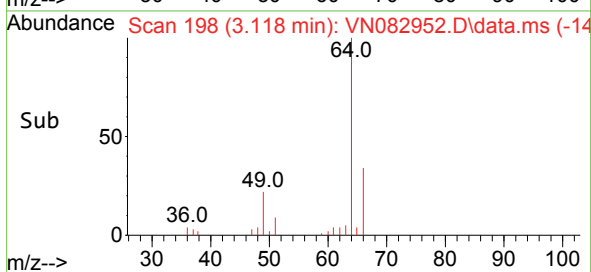
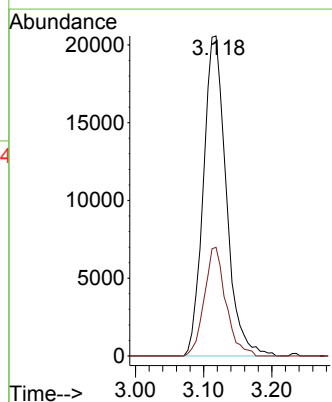
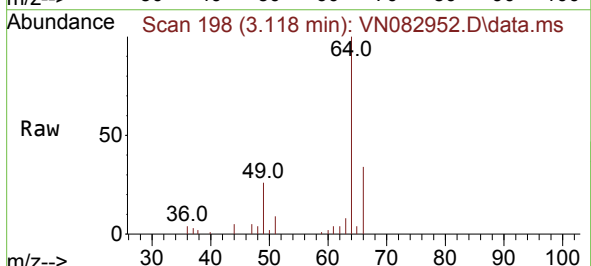
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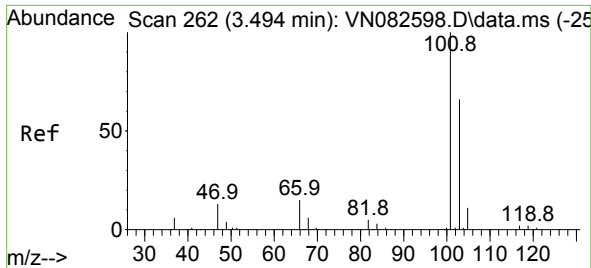
Tgt Ion: 94 Resp: 42549
Ion Ratio Lower Upper
94 100
96 89.7 78.0 117.0



#6
Chloroethane
Concen: 55.059 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 64 Resp: 48083
Ion Ratio Lower Upper
64 100
66 34.0 26.6 40.0

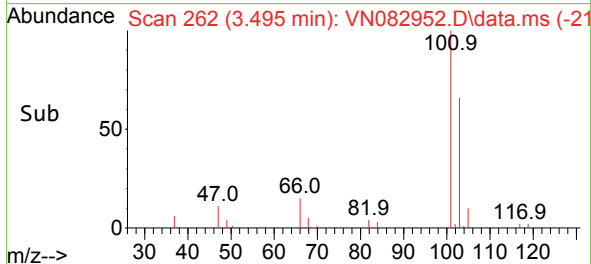
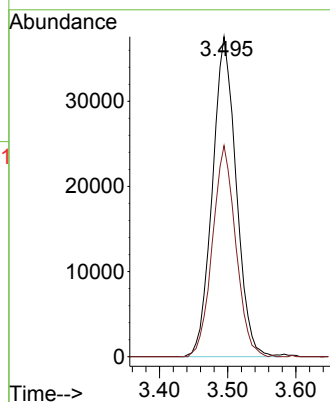
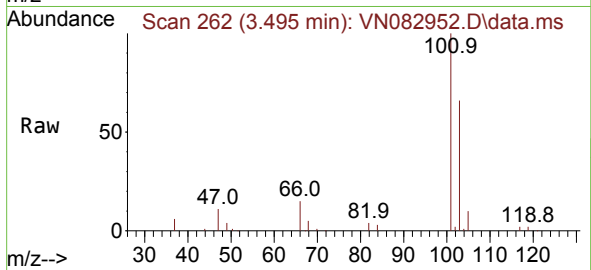




#7
 Trichlorofluoromethane
 Concen: 49.695 ug/l
 RT: 3.495 min Scan# 201
 Delta R.T. 0.001 min
 Lab File: VN082952.D
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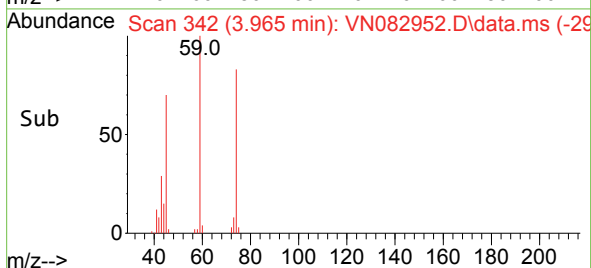
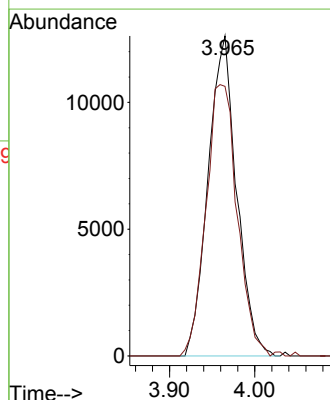
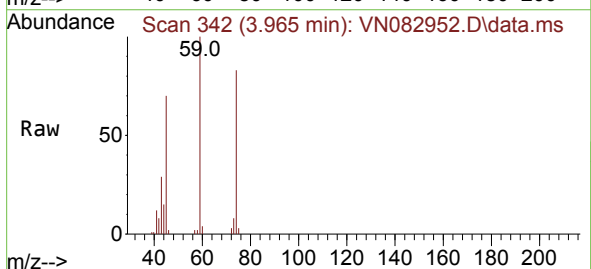
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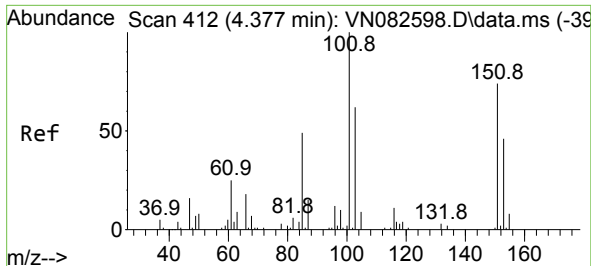
Tgt Ion:101 Resp: 91215
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 46.756 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion: 74 Resp: 29371
 Ion Ratio Lower Upper
 74 100
 45 93.2 55.5 166.3

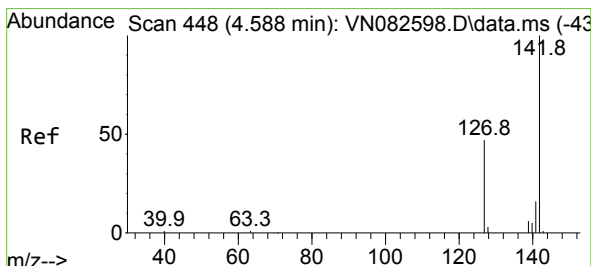
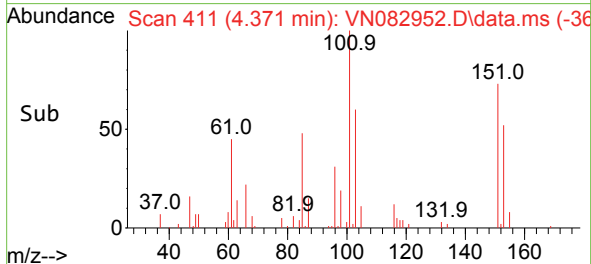
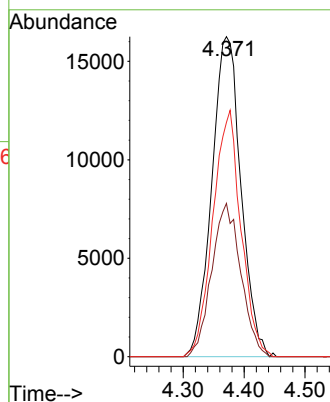
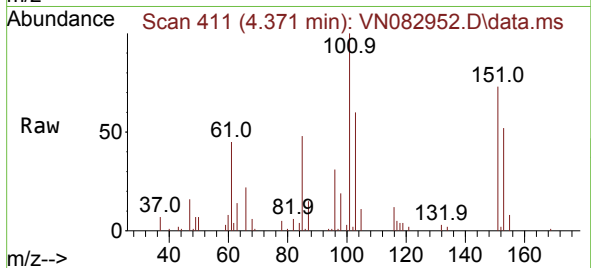




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.164 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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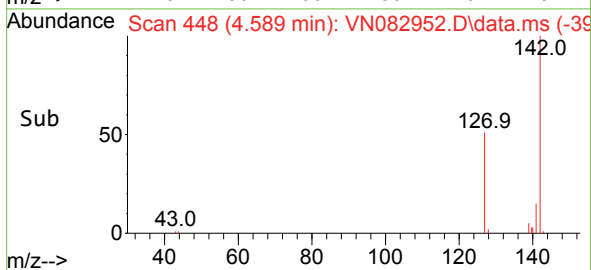
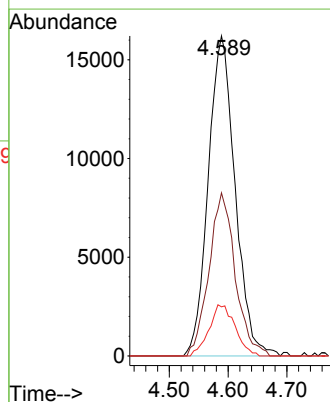
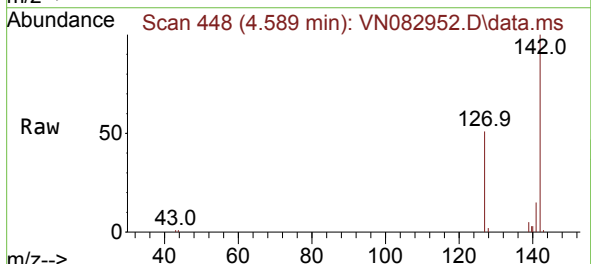
Instrument :
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Tgt Ion:101 Resp: 54190
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 74.0 59.3 88.9



#10
Methyl Iodide
Concen: 48.372 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:142 Resp: 51520
Ion Ratio Lower Upper
142 100
127 51.0 37.5 56.3
141 15.4 13.1 19.7

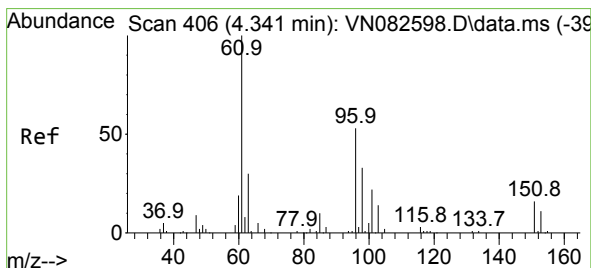
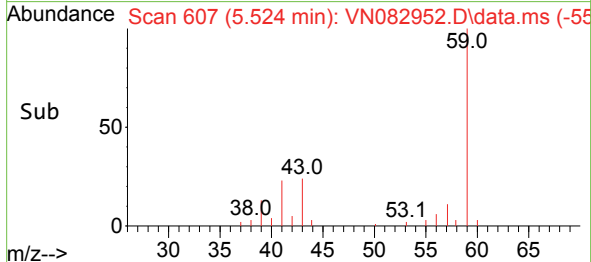
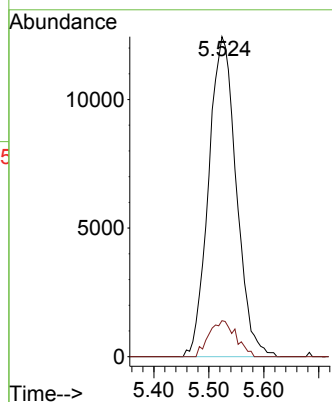
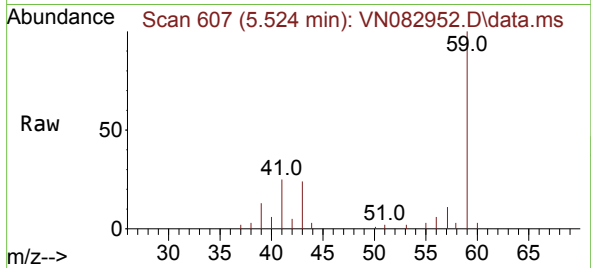




#11
Tert butyl alcohol
Concen: 186.633 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

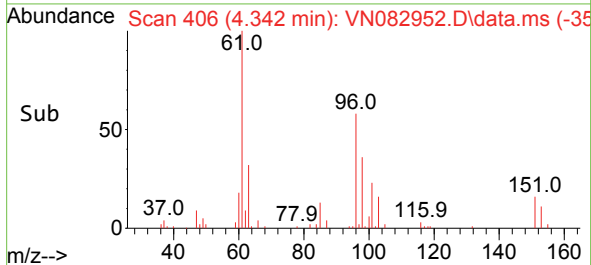
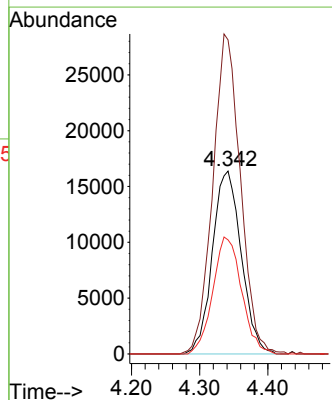
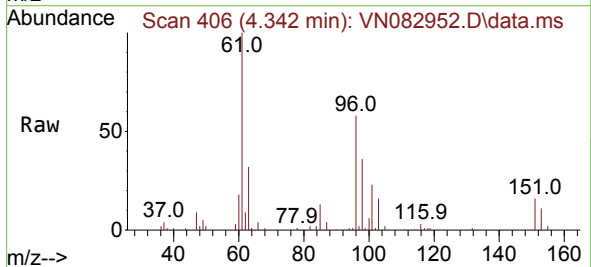
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 43549
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.747 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 96 Resp: 48239
Ion Ratio Lower Upper
96 100
61 171.8 149.7 224.5
98 62.4 50.1 75.1

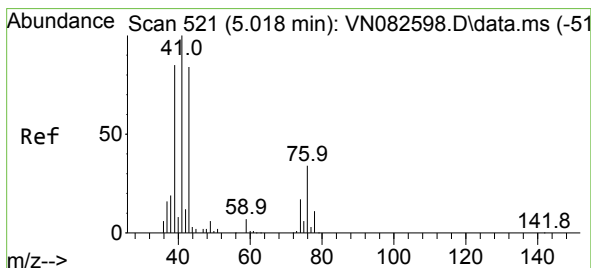
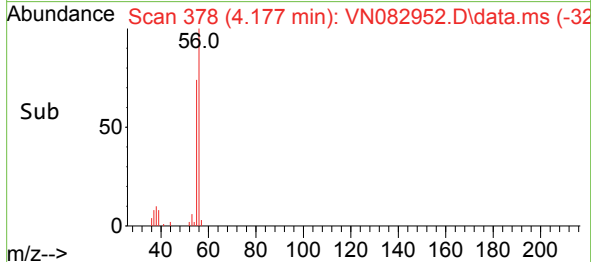
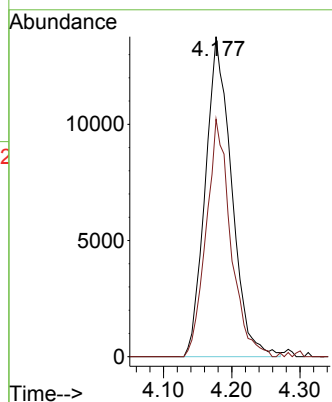
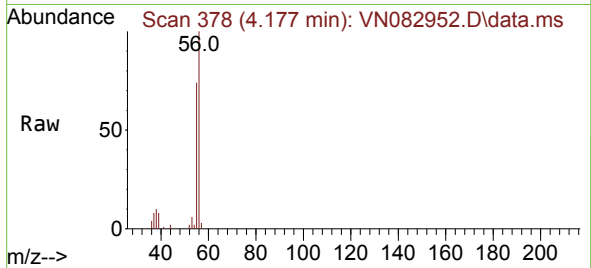




#13
Acrolein
Concen: 219.184 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

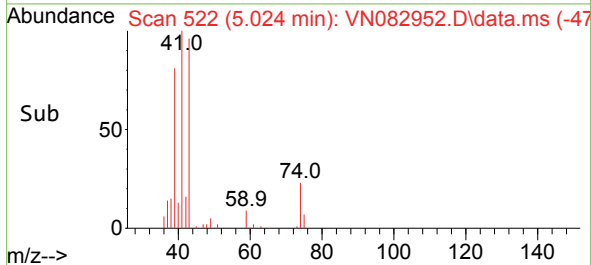
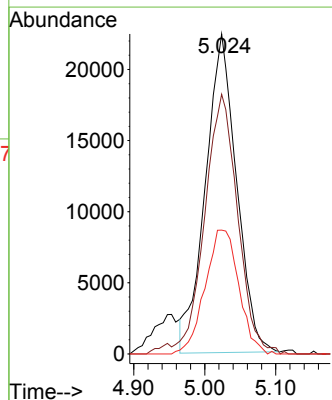
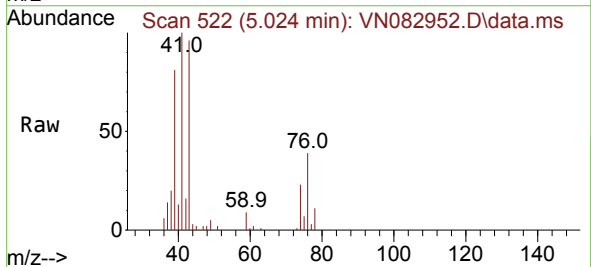
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

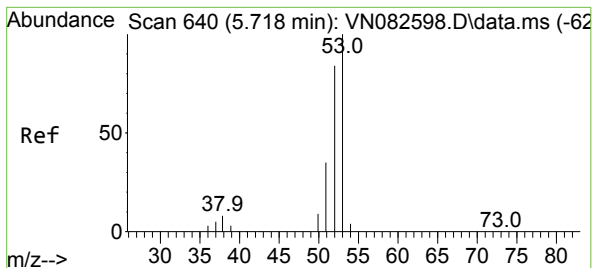
Tgt Ion: 56 Resp: 36925
Ion Ratio Lower Upper
56 100
55 69.6 56.4 84.6



#14
Allyl chloride
Concen: 43.311 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 41 Resp: 68226
Ion Ratio Lower Upper
41 100
39 85.9 67.8 101.6
76 42.2 25.8 38.8#





#15

Acrylonitrile

Concen: 249.781 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

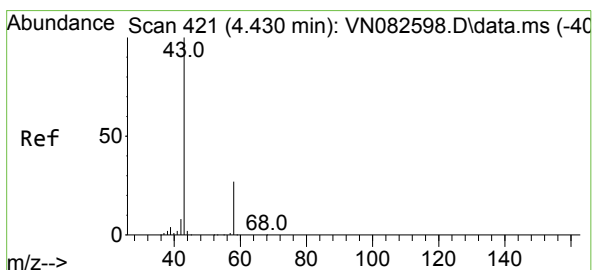
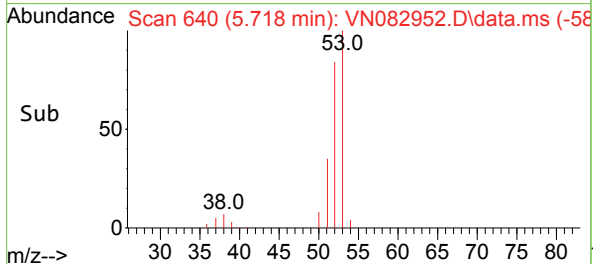
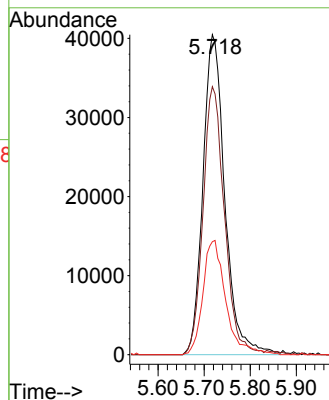
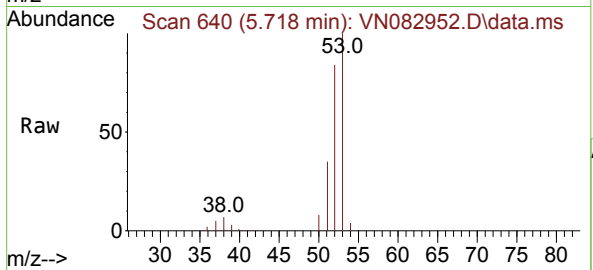
Tgt Ion: 53 Resp: 133946

Ion Ratio Lower Upper

53 100

52 82.0 66.6 100.0

51 37.3 30.1 45.1



#16

Acetone

Concen: 221.649 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN082952.D

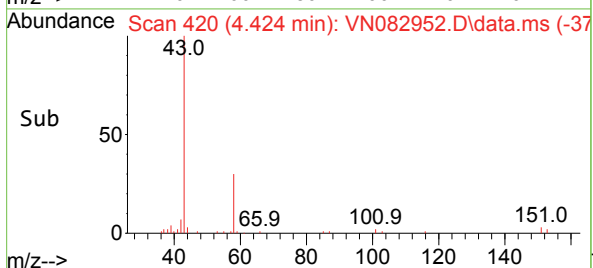
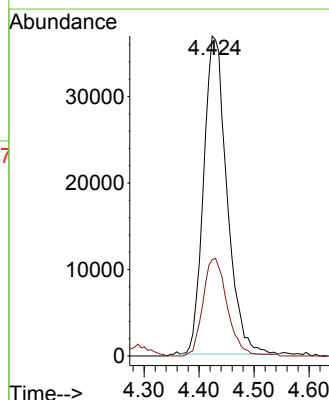
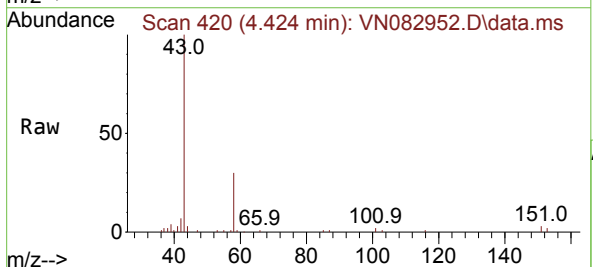
Acq: 17 Jul 2024 10:12

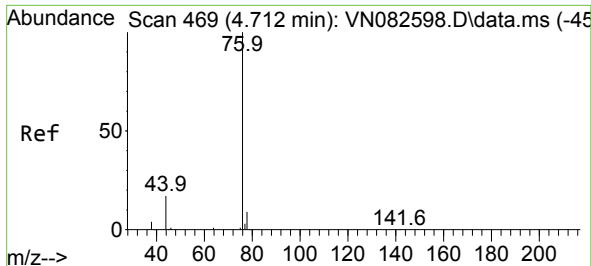
Tgt Ion: 43 Resp: 108263

Ion Ratio Lower Upper

43 100

58 30.3 21.8 32.6

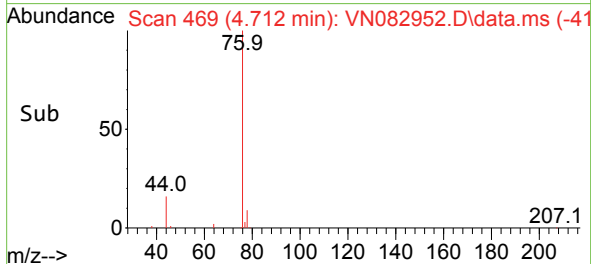
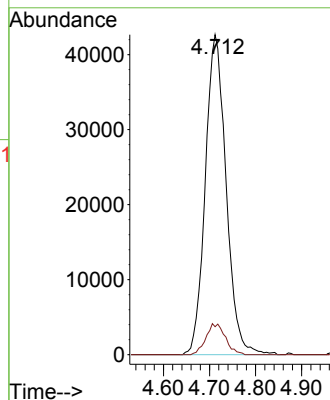
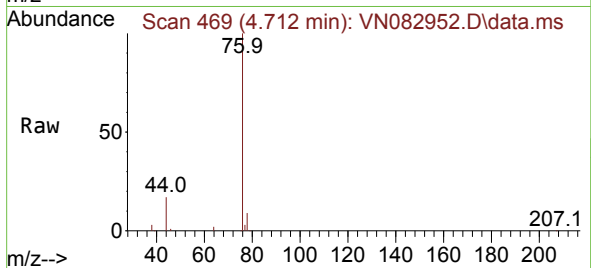




#17
Carbon Disulfide
Concen: 44.486 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

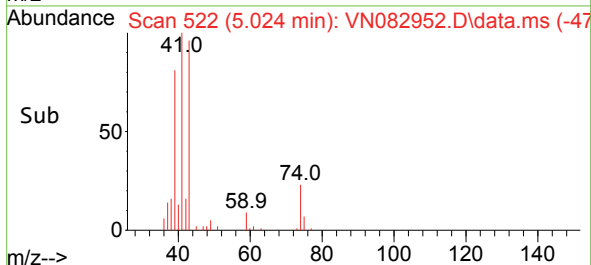
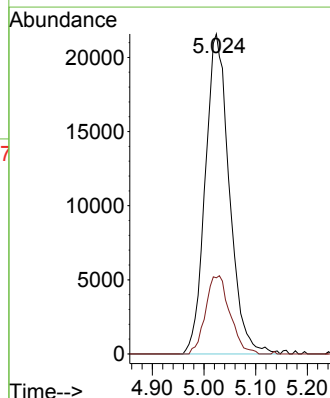
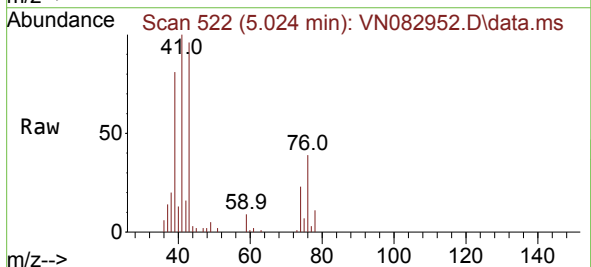
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 134300
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 54.012 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 43 Resp: 69809
Ion Ratio Lower Upper
43 100
74 24.7 16.3 24.5#

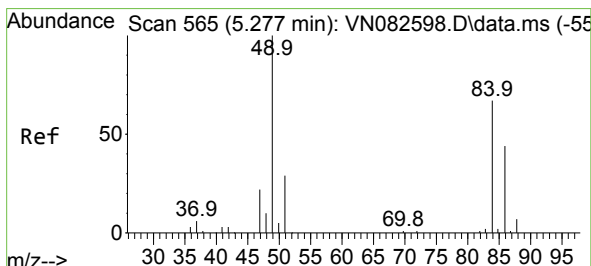
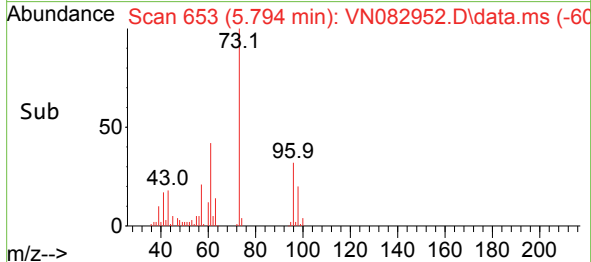
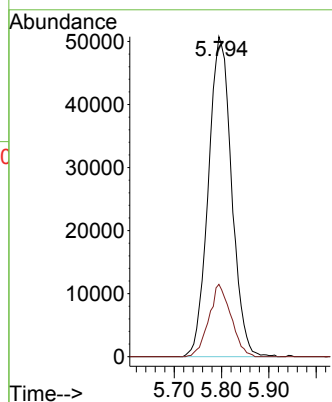
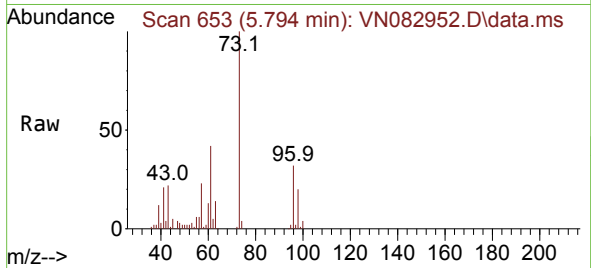




#19
Methyl tert-butyl Ether
Concen: 49.714 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

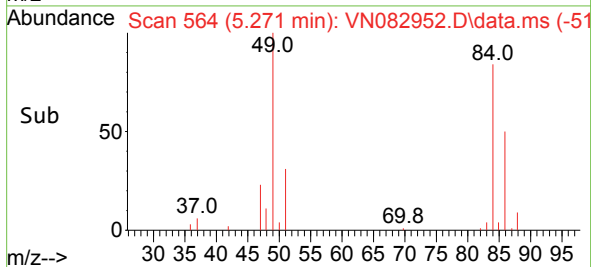
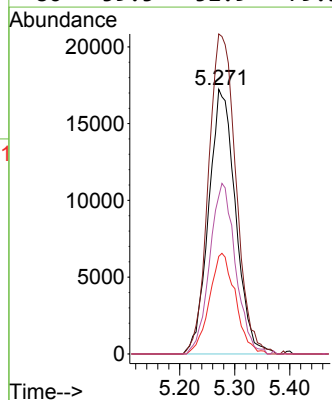
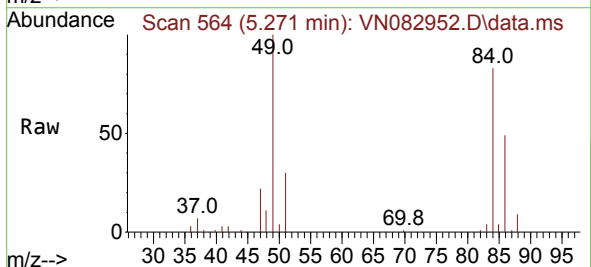
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 173255
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 49.599 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 84 Resp: 58507
Ion Ratio Lower Upper
84 100
49 120.9 119.6 179.4
51 36.9 34.8 52.2
86 59.5 52.9 79.3

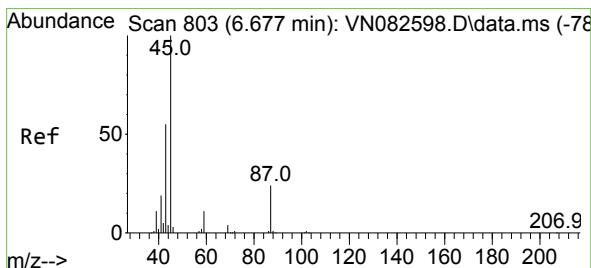
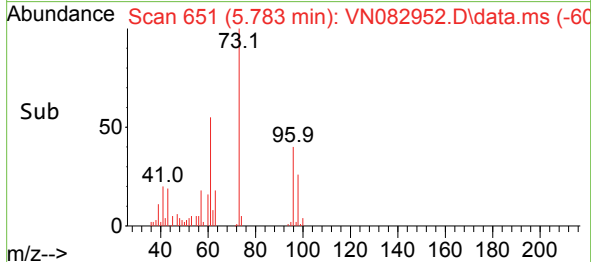
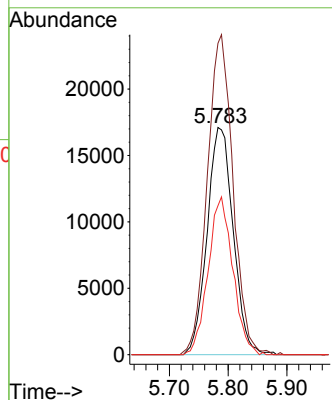
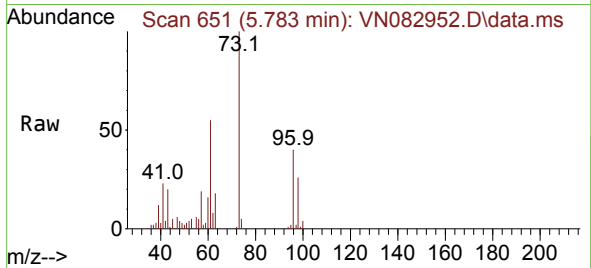




#21
trans-1,2-Dichloroethene
Concen: 48.233 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

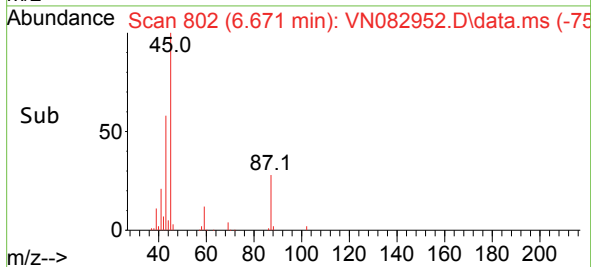
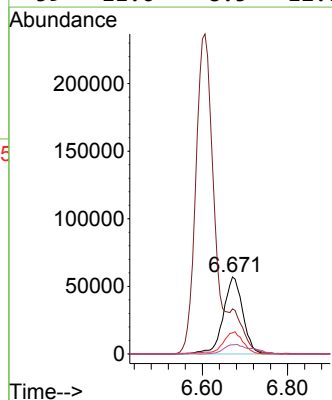
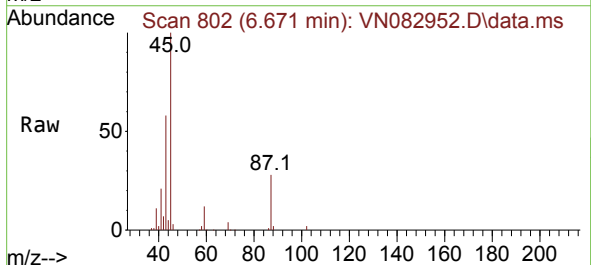
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 52801
Ion Ratio Lower Upper
96 100
61 137.1 123.4 185.2
98 65.6 49.3 73.9



#22
Diisopropyl ether
Concen: 54.860 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 45 Resp: 180794
Ion Ratio Lower Upper
45 100
43 57.8 44.0 66.0
87 27.5 19.7 29.5
59 11.6 8.5 12.7

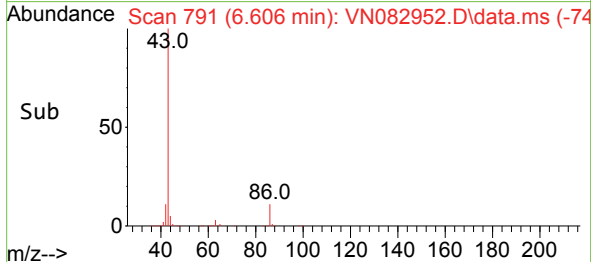
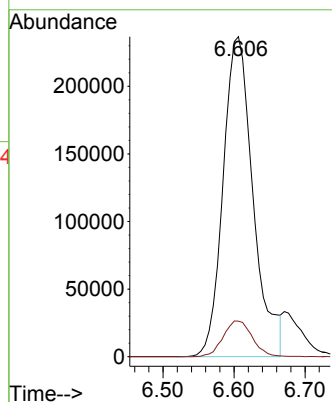
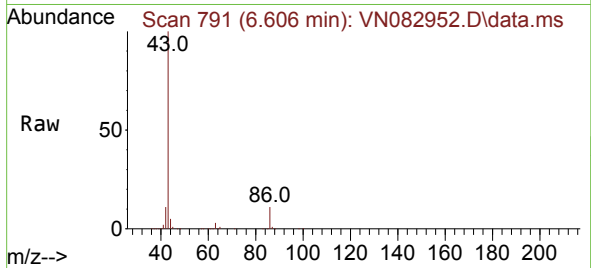




#23
 Vinyl Acetate
 Concen: 265.809 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

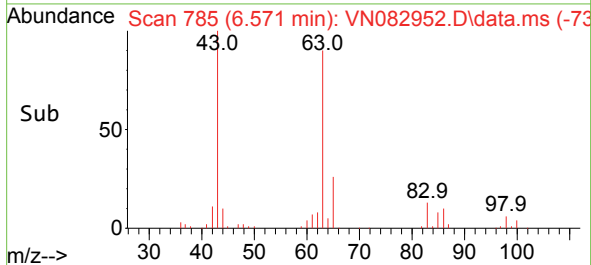
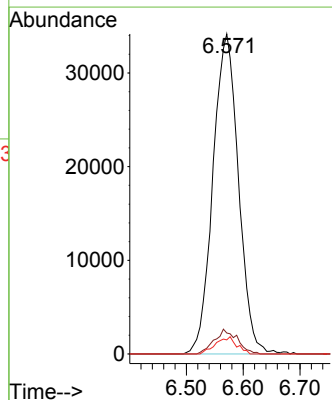
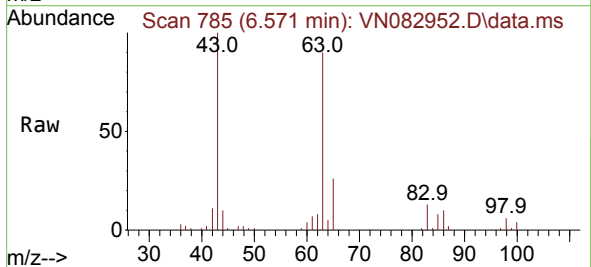
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

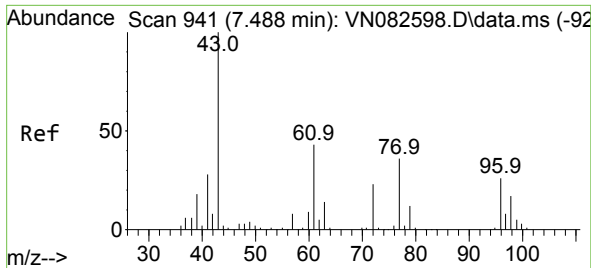
Tgt Ion: 43 Resp: 695659
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 53.348 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion: 63 Resp: 106644
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 6.0

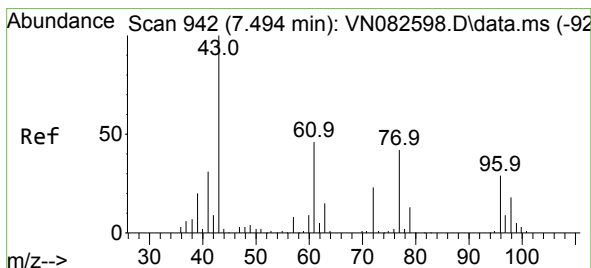
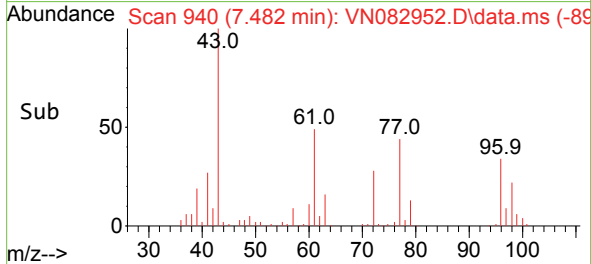
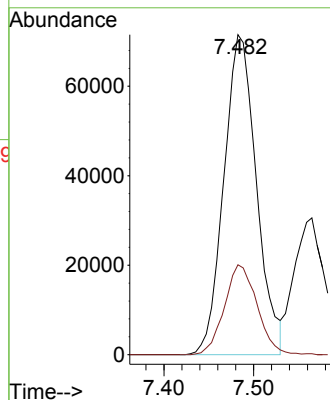
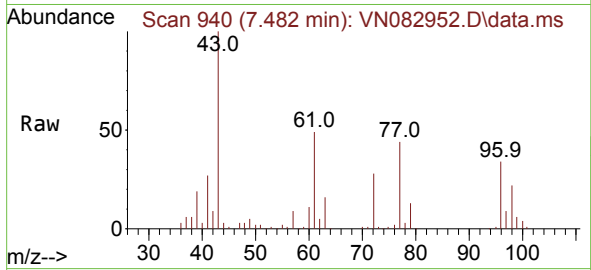




#25
2-Butanone
Concen: 244.842 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

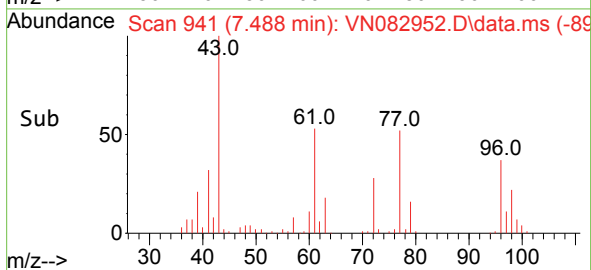
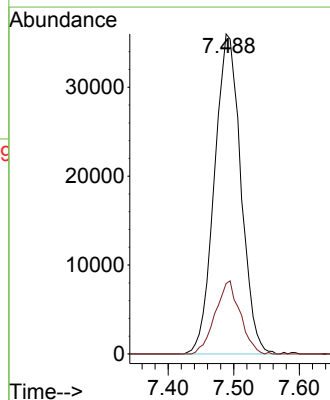
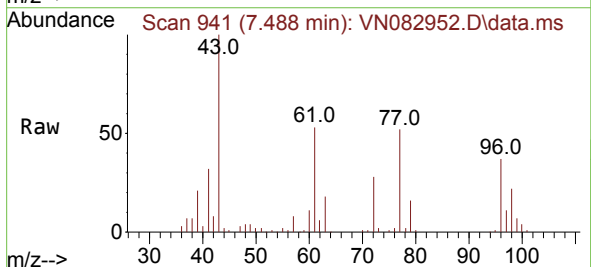
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

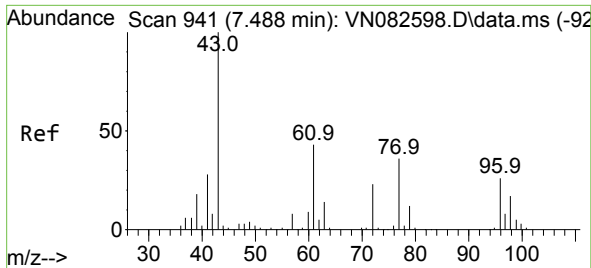
Tgt Ion: 43 Resp: 180577
Ion Ratio Lower Upper
43 100
72 28.1 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 54.122 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 77 Resp: 100593
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9

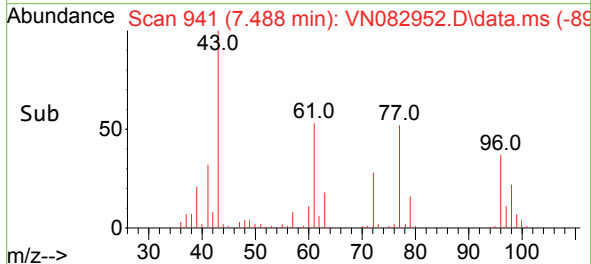
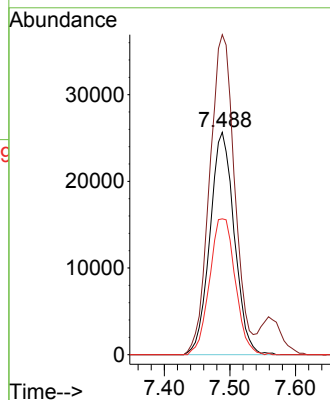
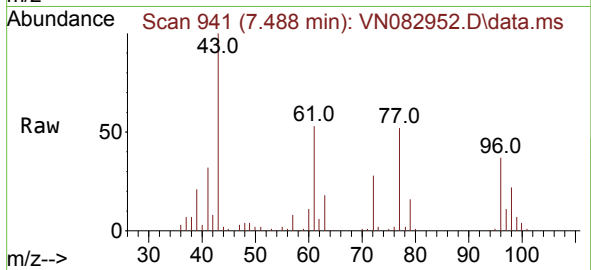




#27
 cis-1,2-Dichloroethene
 Concen: 51.697 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

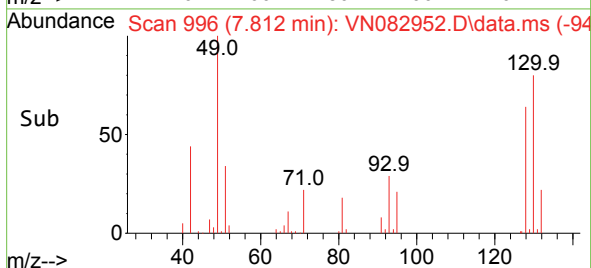
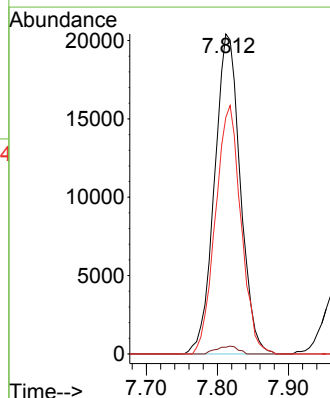
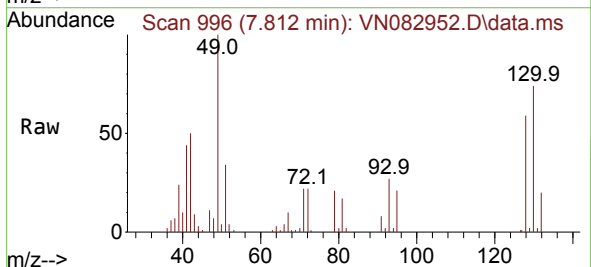
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

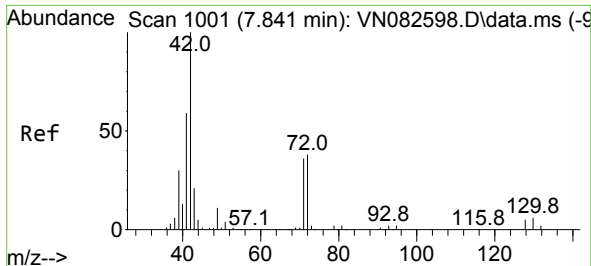
Tgt Ion: 96 Resp: 66255
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 329.6
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 59.898 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion: 49 Resp: 51367
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 77.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 257.942 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

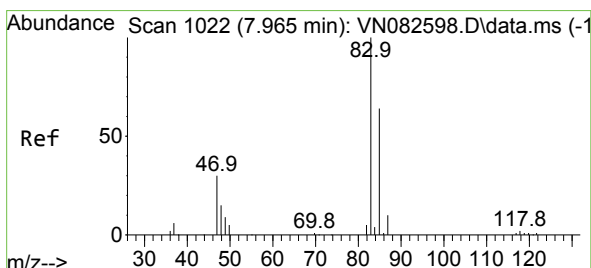
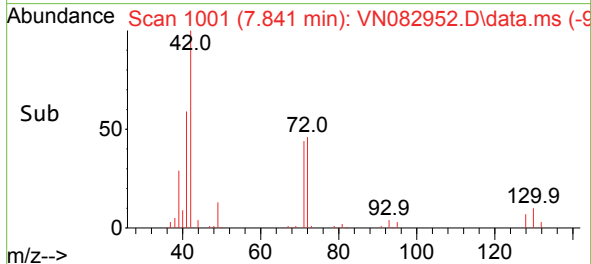
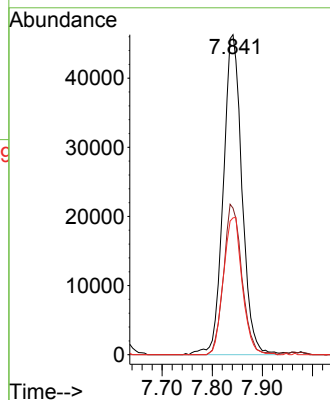
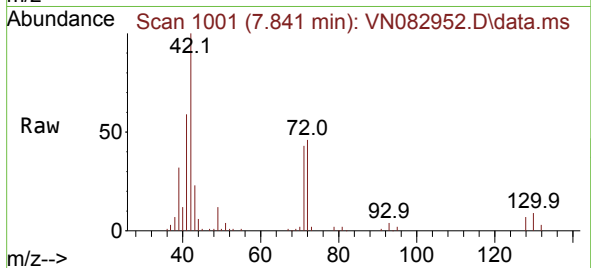
Tgt Ion: 42 Resp: 119765

Ion Ratio Lower Upper

42 100

72 46.2 30.0 45.0#

71 43.3 28.3 42.5#



#30

Chloroform

Concen: 55.134 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082952.D

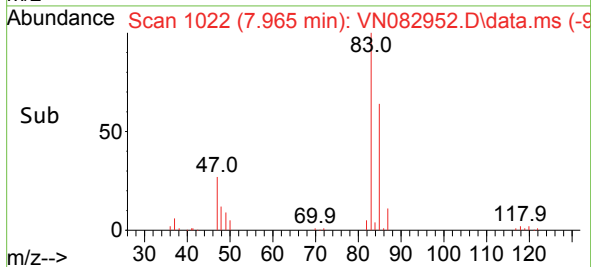
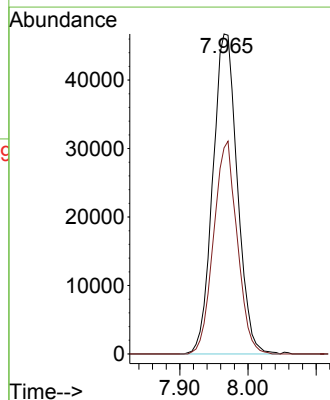
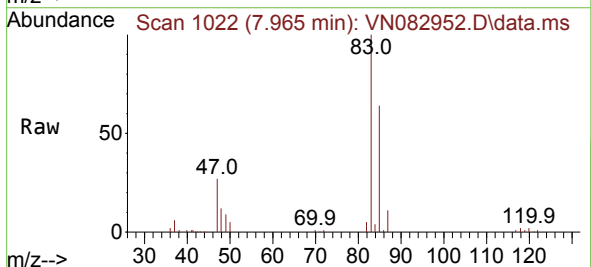
Acq: 17 Jul 2024 10:12

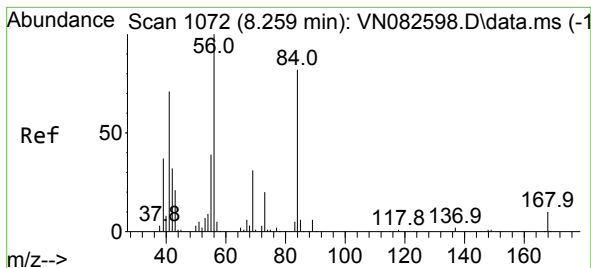
Tgt Ion: 83 Resp: 116923

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3





#31

Cyclohexane

Concen: 46.515 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

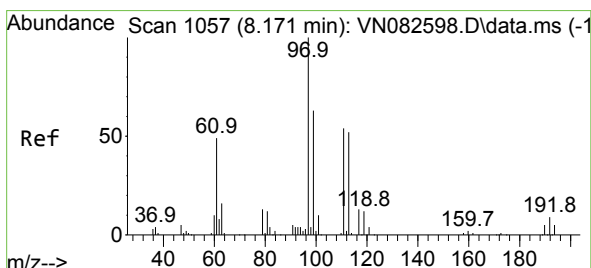
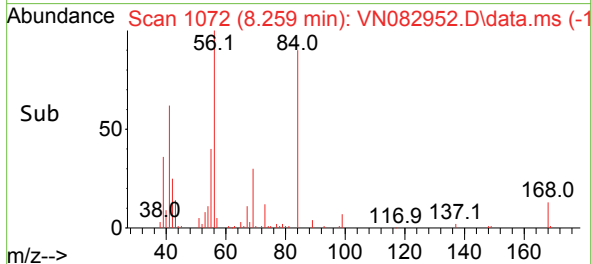
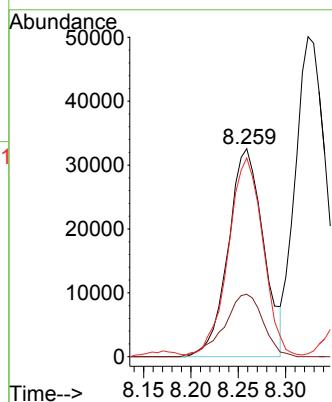
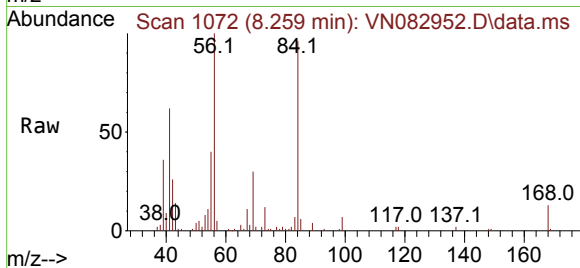
Tgt Ion: 56 Resp: 84367

Ion Ratio Lower Upper

56 100

69 30.0 24.5 36.7

84 94.4 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 52.576 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

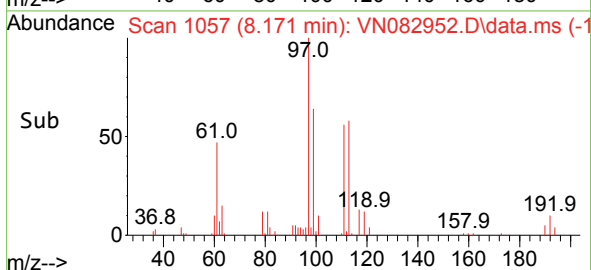
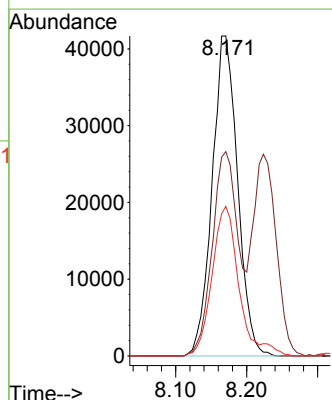
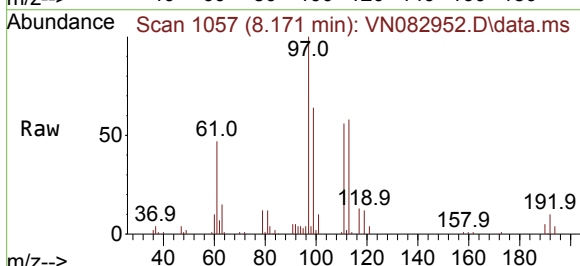
Tgt Ion: 97 Resp: 103521

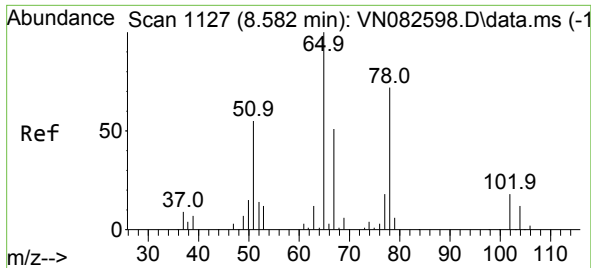
Ion Ratio Lower Upper

97 100

99 66.2 52.0 78.0

61 49.5 42.1 63.1

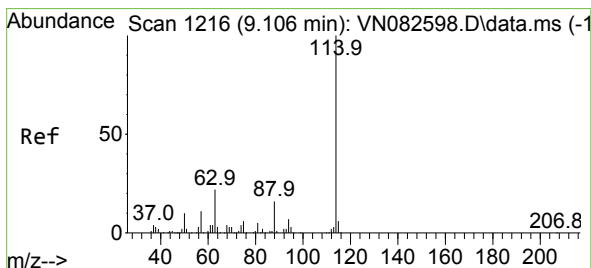
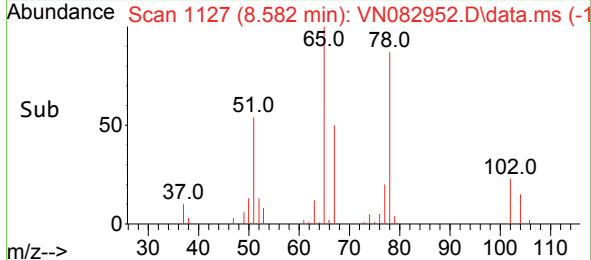
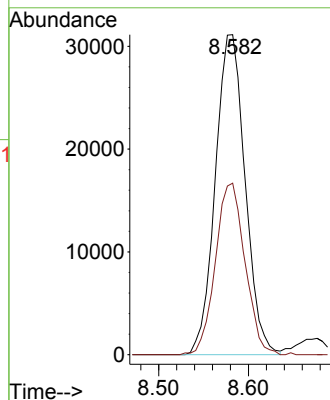
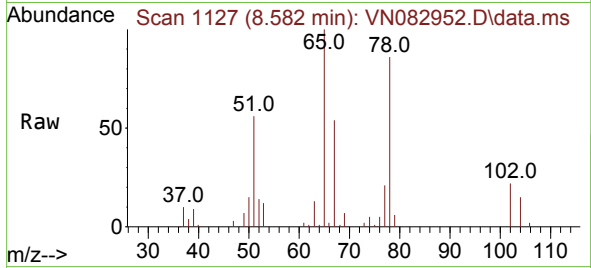




#33
 1,2-Dichloroethane-d4
 Concen: 51.756 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

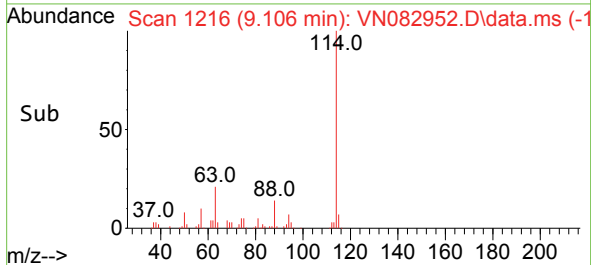
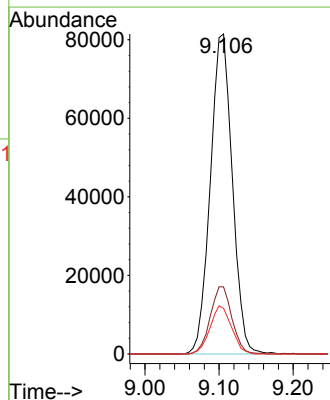
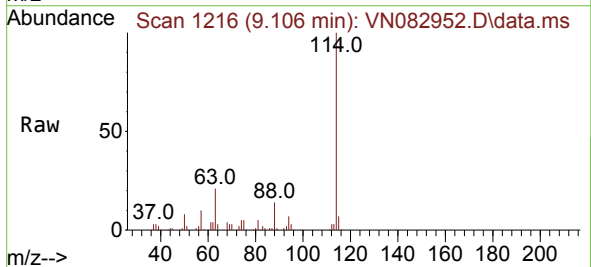
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

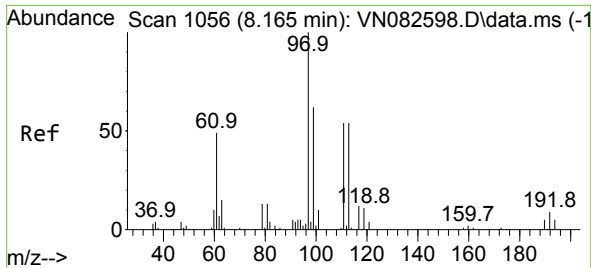
Tgt Ion: 65 Resp: 71803
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion: 114 Resp: 167805
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.6
 88 14.3 0.0 31.4

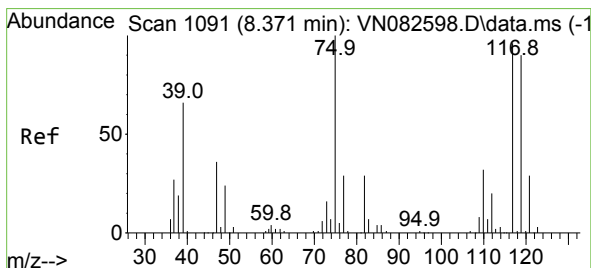
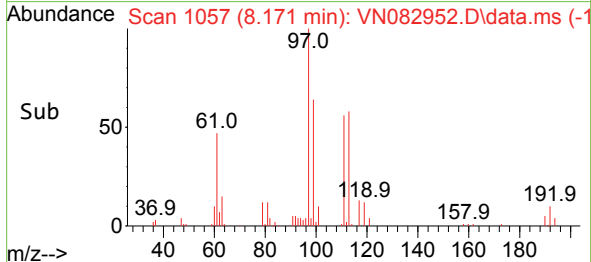
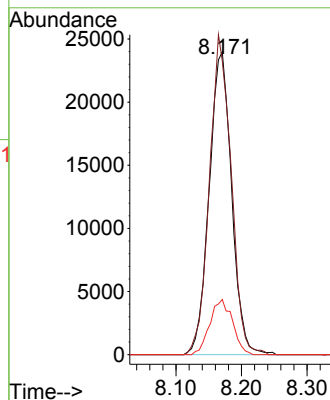
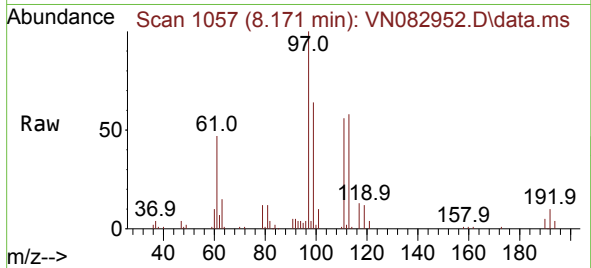




#35
Dibromofluoromethane
Concen: 52.906 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

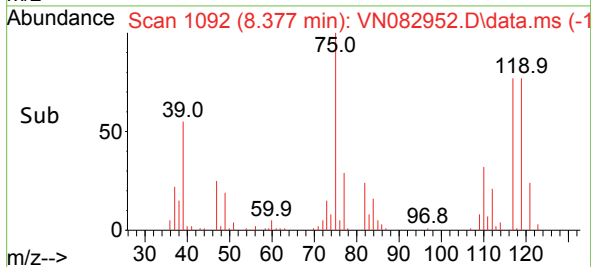
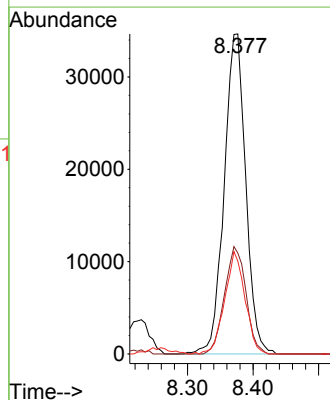
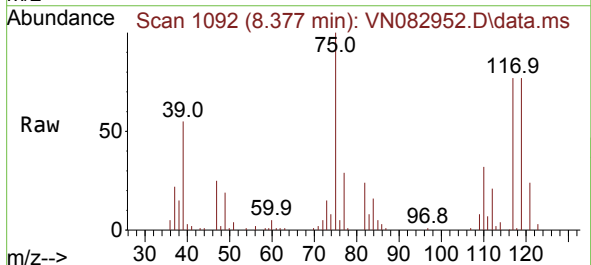
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 56967
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 53.261 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 75 Resp: 79070
Ion Ratio Lower Upper
75 100
110 33.3 16.3 48.9
77 30.2 24.6 37.0

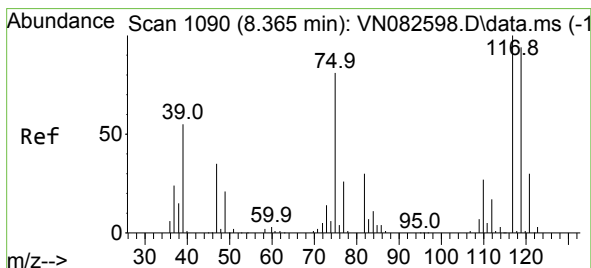
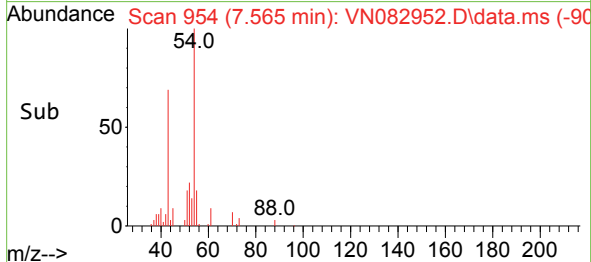
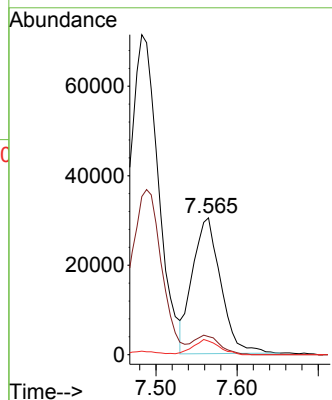
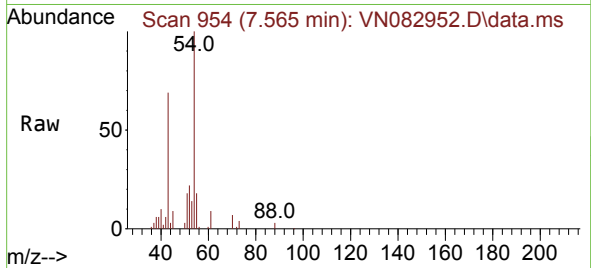




#37
Ethyl Acetate
Concen: 48.750 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

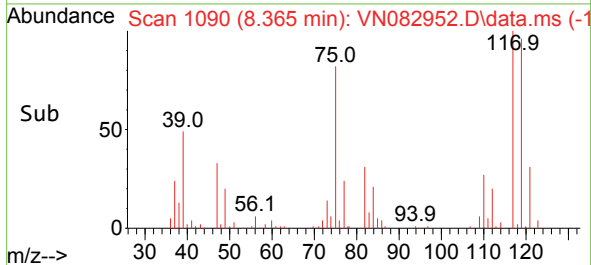
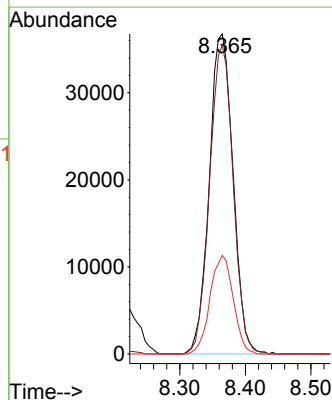
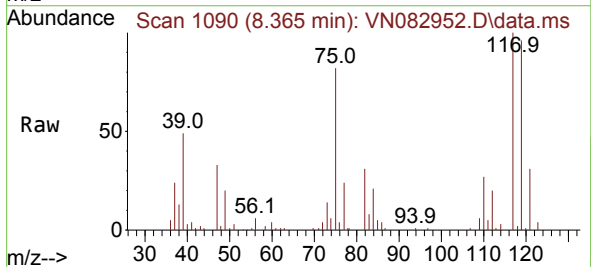
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

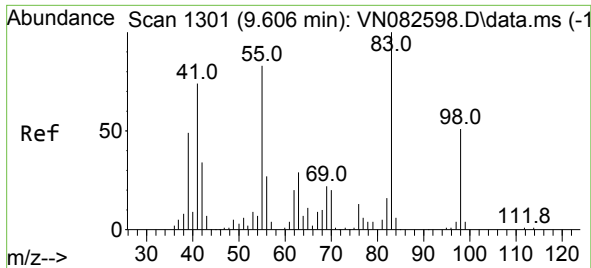
Tgt Ion:	43	Resp:	73683
Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.3	13.9
70	10.1	7.0	10.6



#38
Carbon Tetrachloride
Concen: 51.757 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:	117	Resp:	92515
Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.9	112.3
121	30.8	24.3	36.5

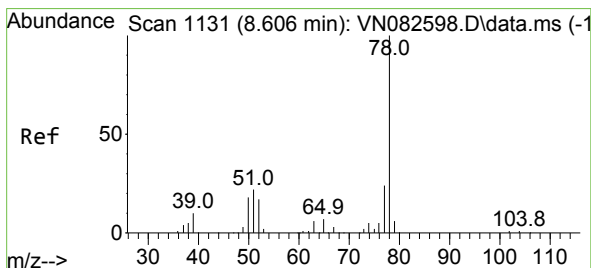
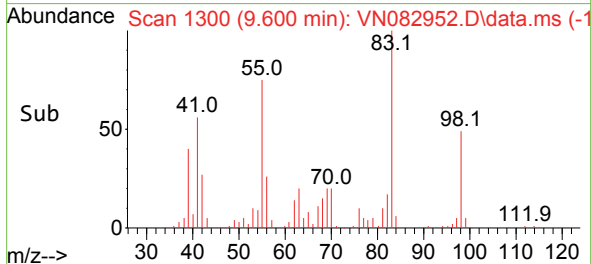
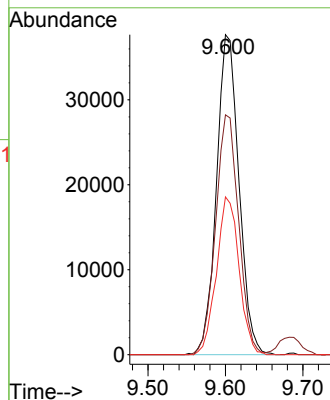
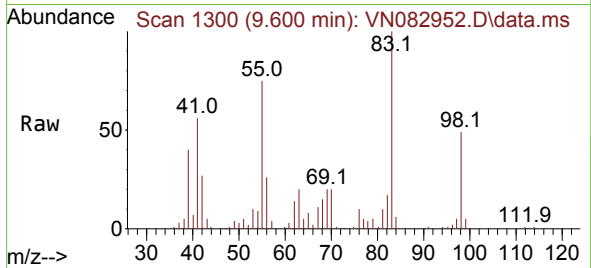




#39
Methylcyclohexane
Concen: 47.392 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

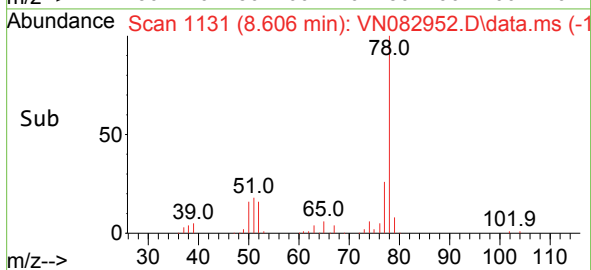
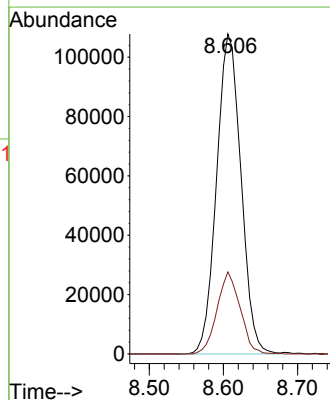
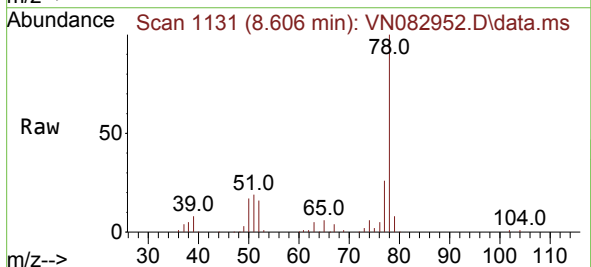
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

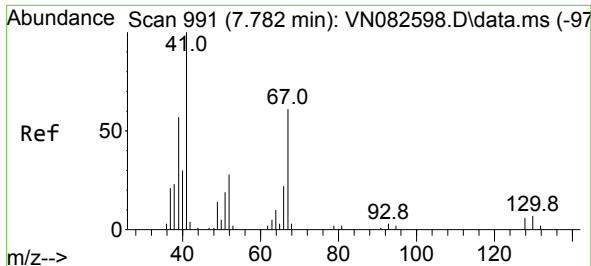
Tgt Ion: 83 Resp: 75998
Ion Ratio Lower Upper
83 100
55 75.0 66.4 99.6
98 49.3 40.7 61.1



#40
Benzene
Concen: 53.932 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 78 Resp: 246288
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.4

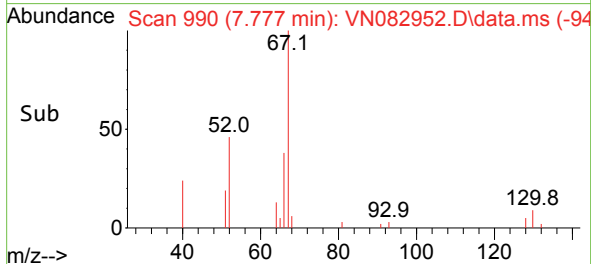
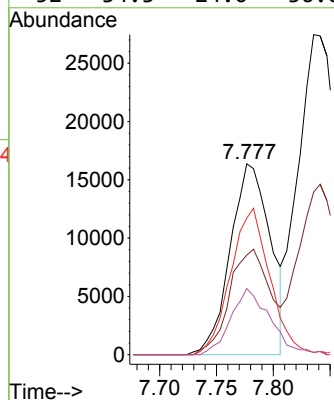
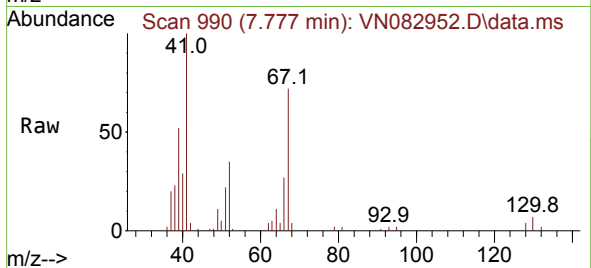




#41
Methacrylonitrile
Concen: 49.217 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

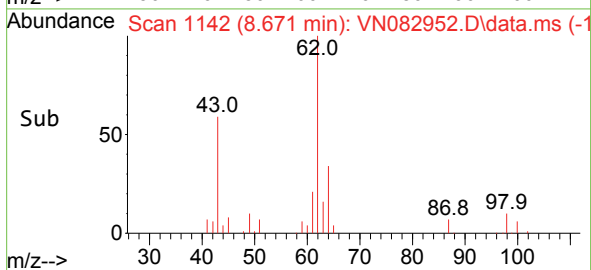
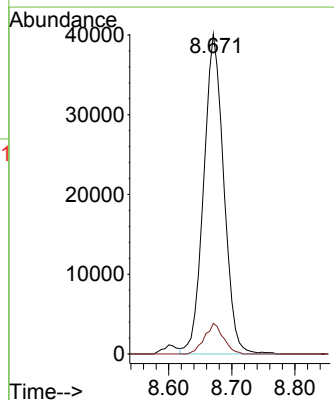
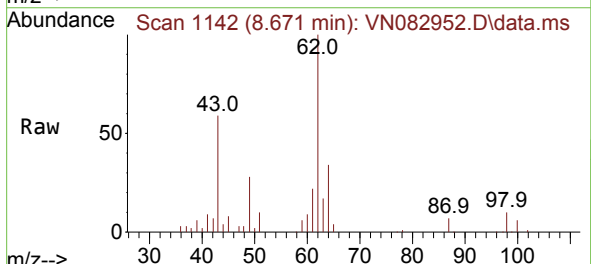
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

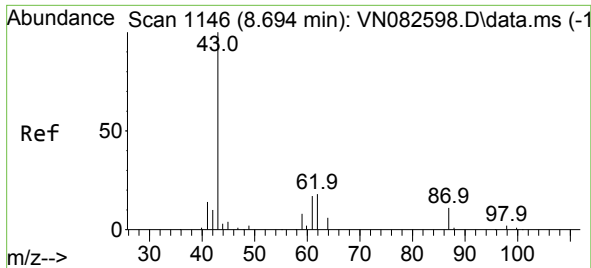
Tgt Ion:	41	Resp:	40076
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.5	68.3
67	75.3	50.5	75.7
52	34.3	24.0	36.0



#42
1,2-Dichloroethane
Concen: 53.955 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:	62	Resp:	88700
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8

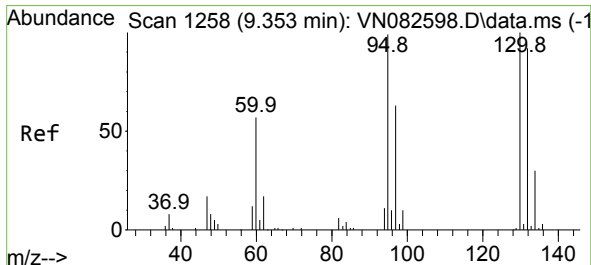
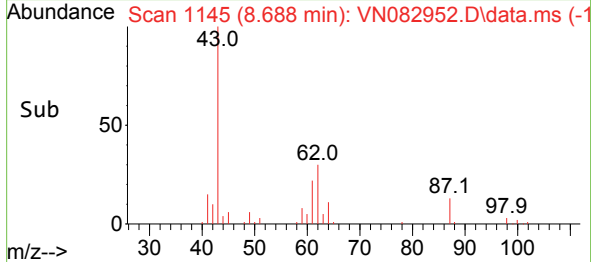
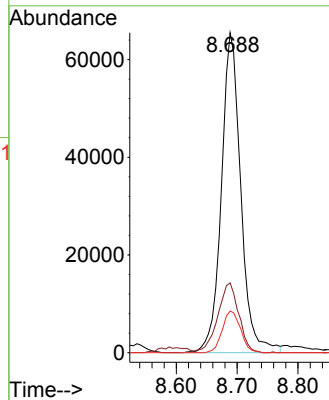
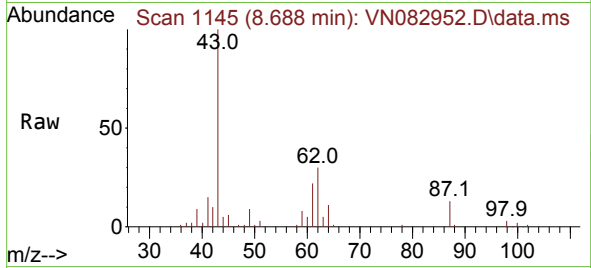




#43
Isopropyl Acetate
Concen: 51.007 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

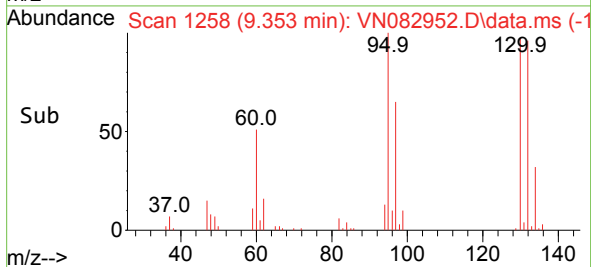
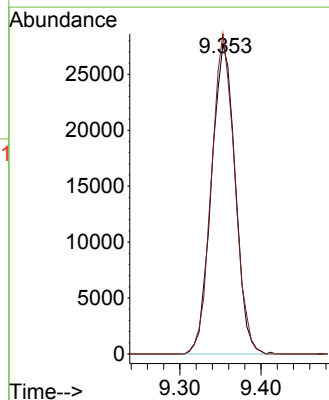
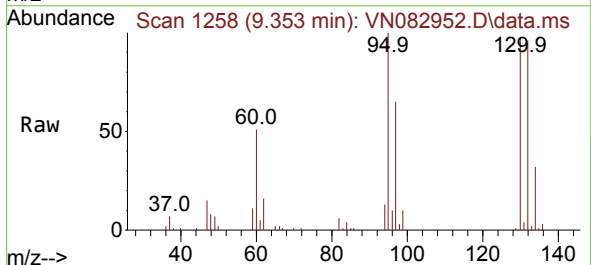
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 145195
Ion Ratio Lower Upper
43 100
61 23.5 17.8 26.6
87 12.2 8.2 12.2



#44
Trichloroethene
Concen: 48.249 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:130 Resp: 56449
Ion Ratio Lower Upper
130 100
95 103.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 57.485 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

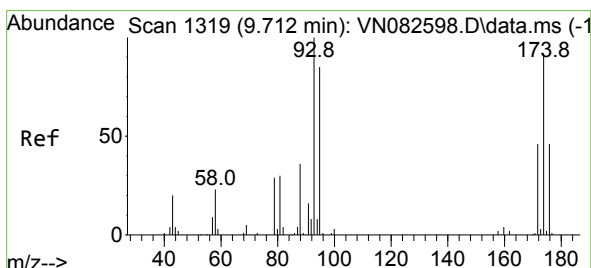
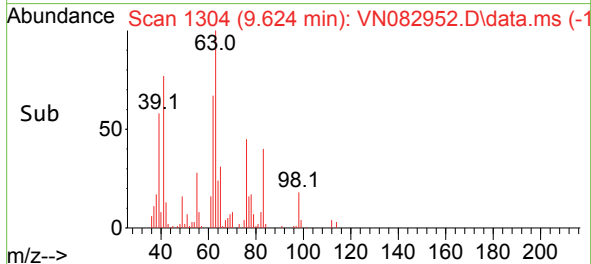
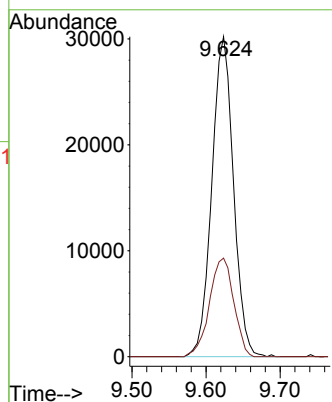
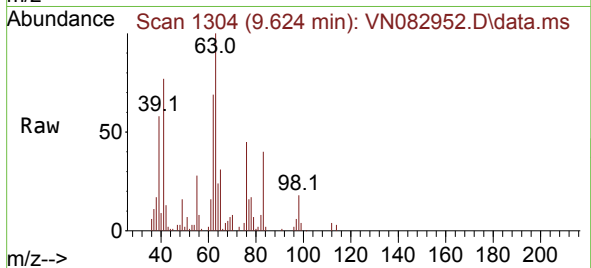
VSTDCCC050

Tgt Ion: 63 Resp: 61286

Ion Ratio Lower Upper

63 100

65 30.8 24.4 36.6



#46

Dibromomethane

Concen: 54.696 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

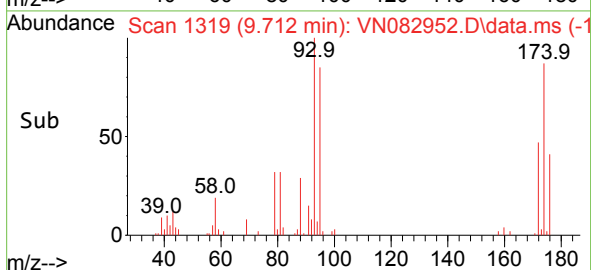
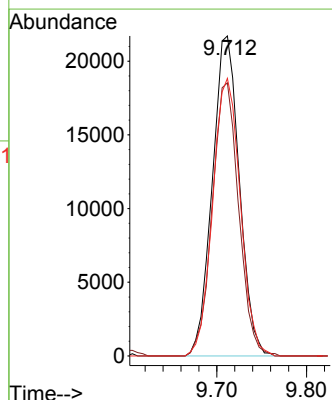
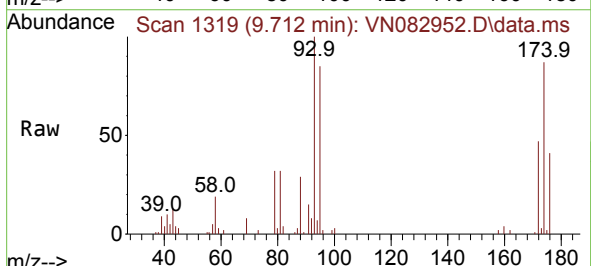
Tgt Ion: 93 Resp: 45429

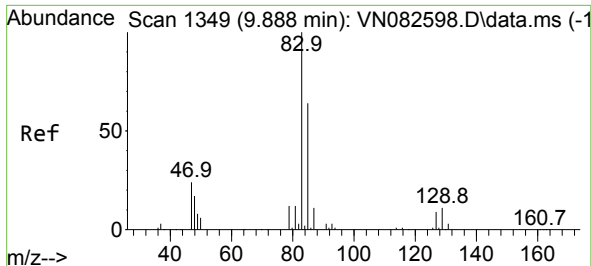
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

174 88.5 71.7 107.5

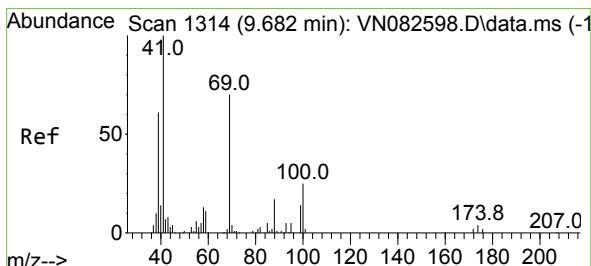
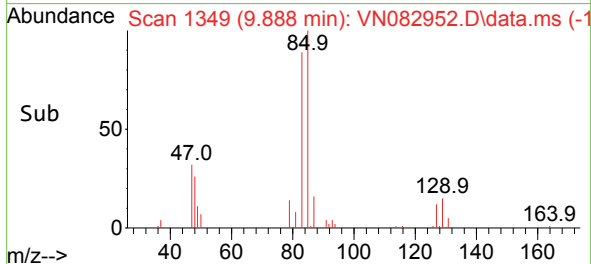
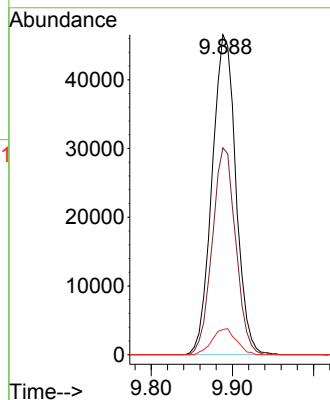
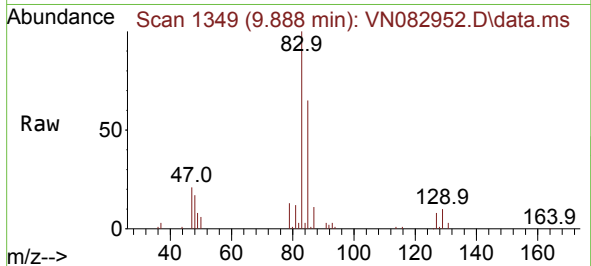




#47
Bromodichloromethane
Concen: 55.143 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

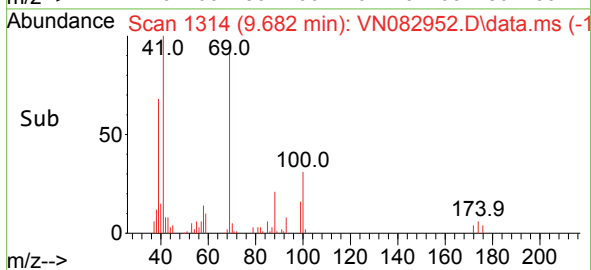
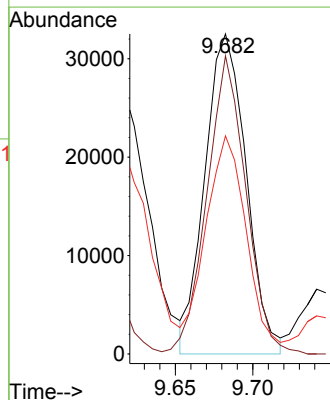
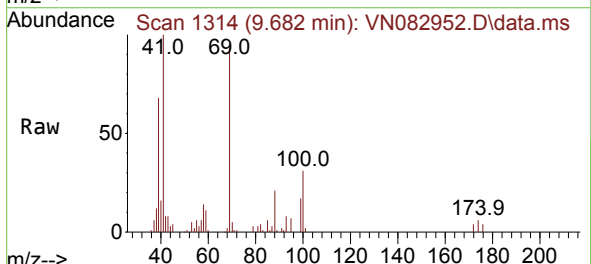
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

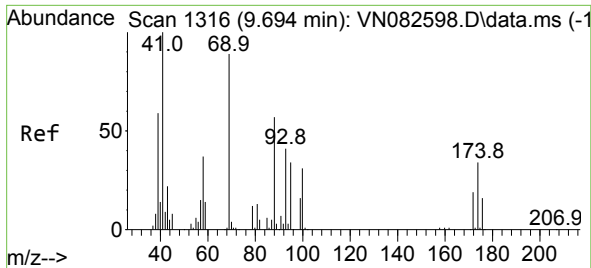
Tgt Ion: 83 Resp: 94633
Ion Ratio Lower Upper
83 100
85 64.6 51.1 76.7
127 7.8 7.2 10.8



#48
Methyl methacrylate
Concen: 50.832 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 41 Resp: 60242
Ion Ratio Lower Upper
41 100
69 88.1 56.3 84.5#
39 67.6 50.3 75.5

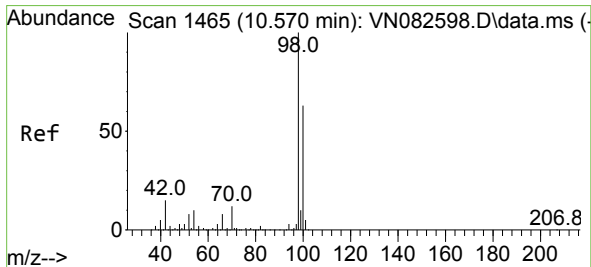
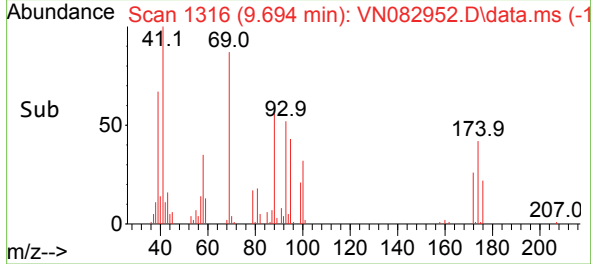
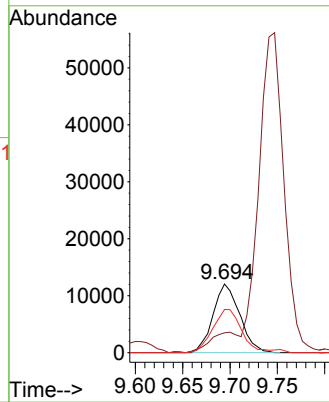
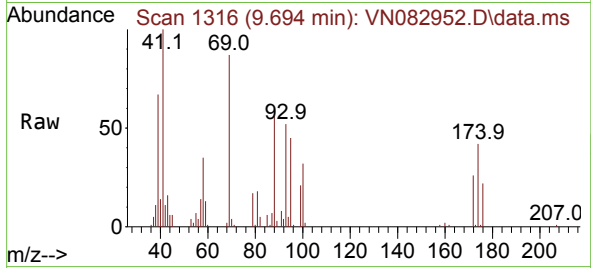




#49
1,4-Dioxane
Concen: 917.716 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

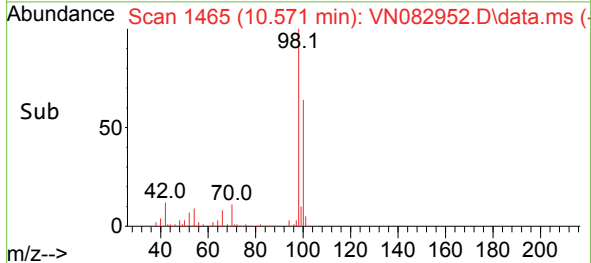
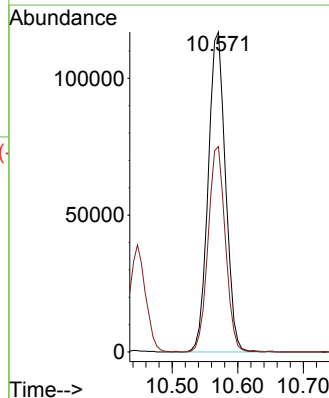
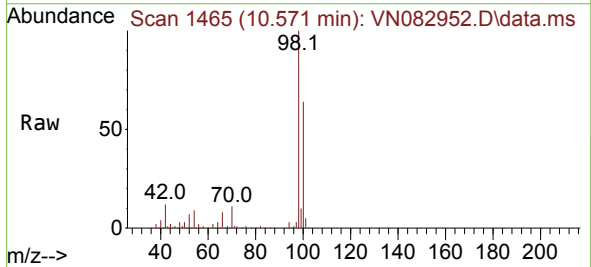
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

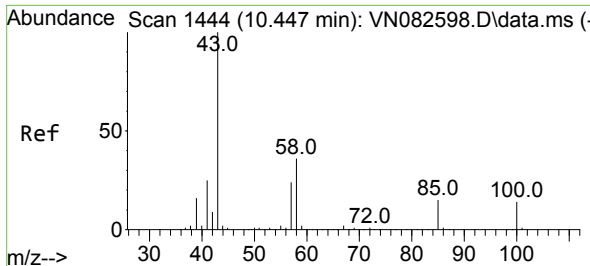
Tgt Ion:	88	Resp:	23704
Ion	Ratio	Lower	Upper
88	100		
43	28.8	27.8	41.8
58	69.6	59.4	89.0



#50
Toluene-d8
Concen: 53.995 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:	98	Resp:	214739
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

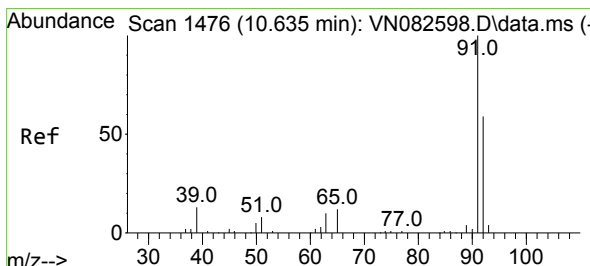
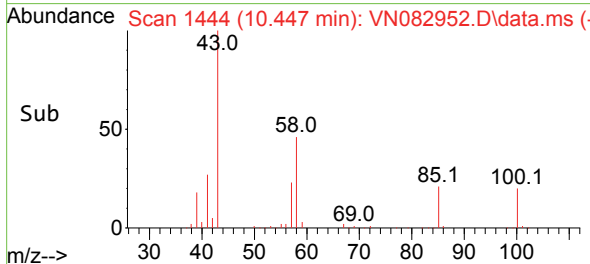
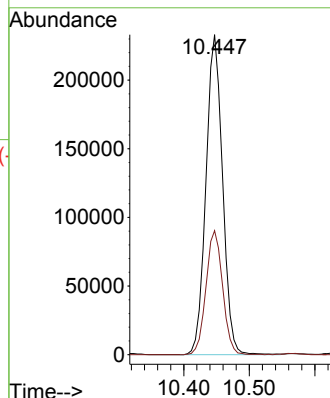
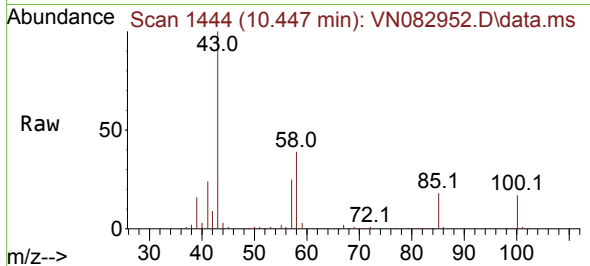




#51
4-Methyl-2-Pentanone
Concen: 273.991 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

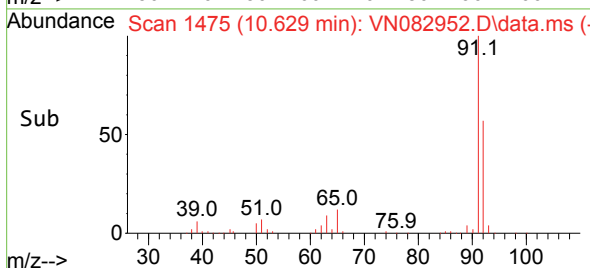
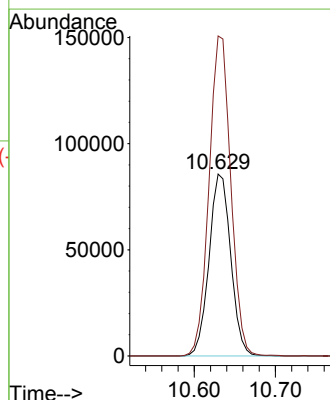
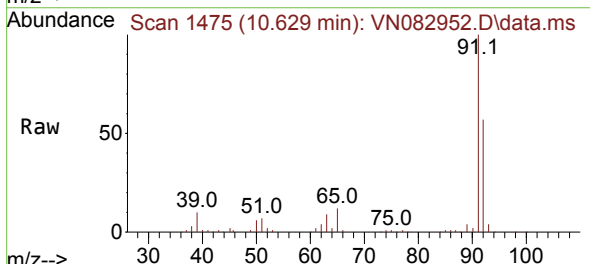
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

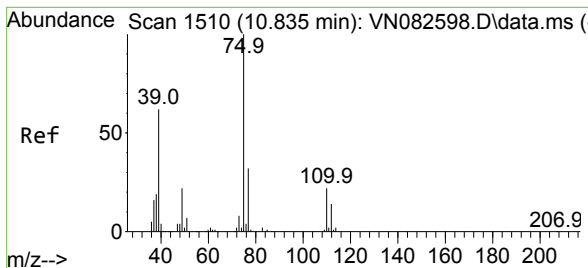
Tgt Ion: 43 Resp: 410549
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4



#52
Toluene
Concen: 55.629 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 92 Resp: 158688
Ion Ratio Lower Upper
92 100
91 176.6 139.4 209.0

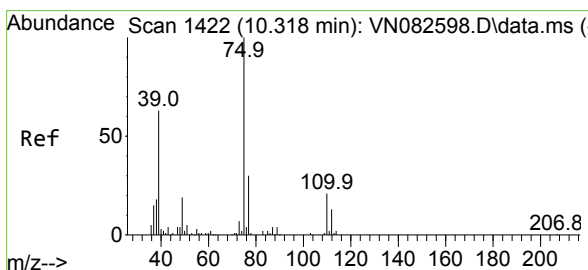
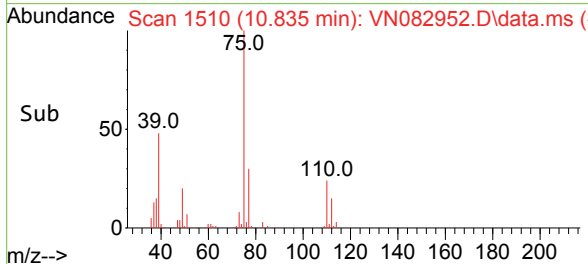
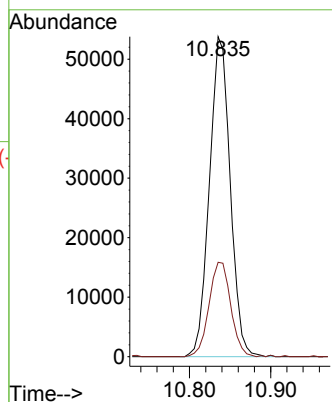
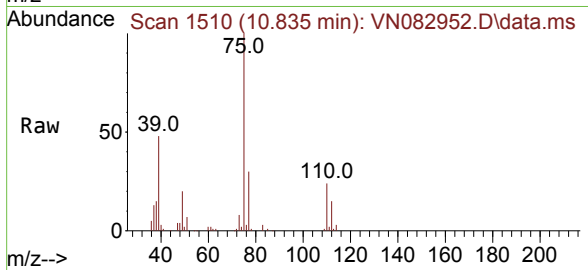




#53
 t-1,3-Dichloropropene
 Concen: 54.047 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

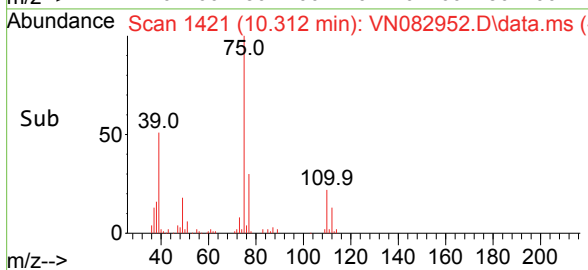
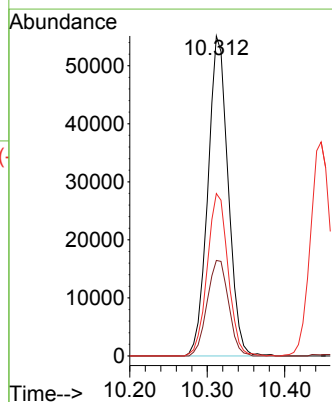
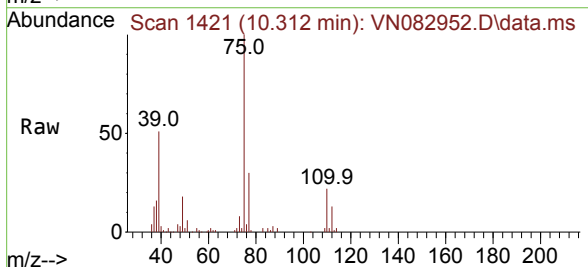
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

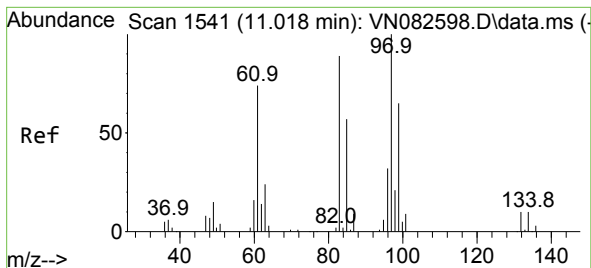
Tgt Ion: 75 Resp: 95551
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.507 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion: 75 Resp: 100130
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.3 36.5
 39 50.4 50.5 75.7#





#55

1,1,2-Trichloroethane

Concen: 57.968 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 60807

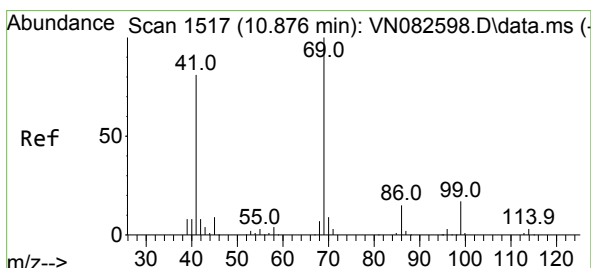
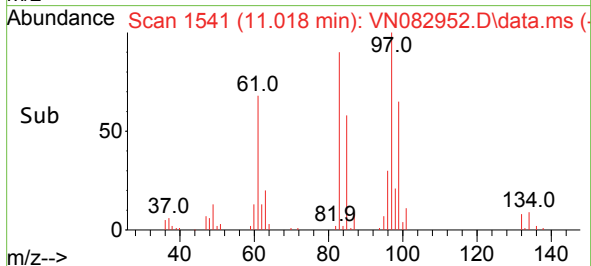
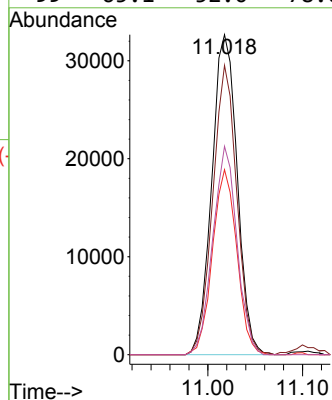
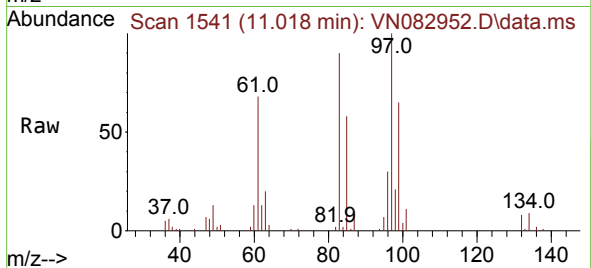
Ion Ratio Lower Upper

97 100

83 90.4 71.4 107.0

85 57.8 45.8 68.6

99 65.1 52.0 78.0



#56

Ethyl methacrylate

Concen: 56.643 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

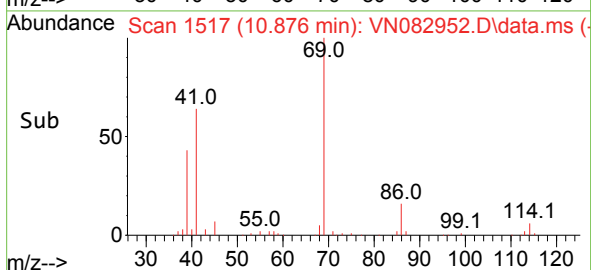
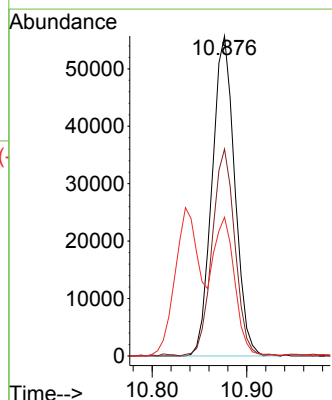
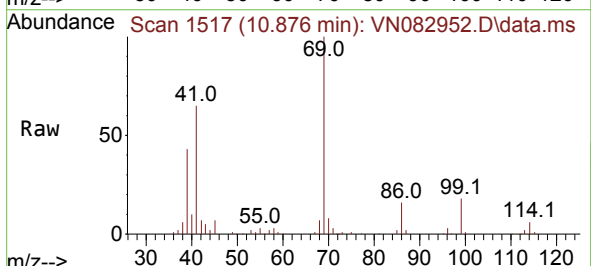
Tgt Ion: 69 Resp: 92440

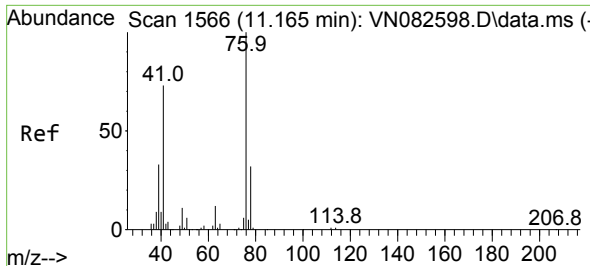
Ion Ratio Lower Upper

69 100

41 65.1 63.4 95.2

39 39.5 37.4 56.0

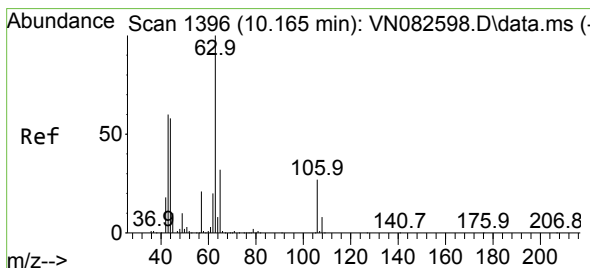
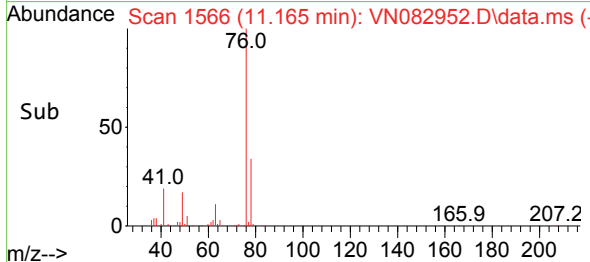
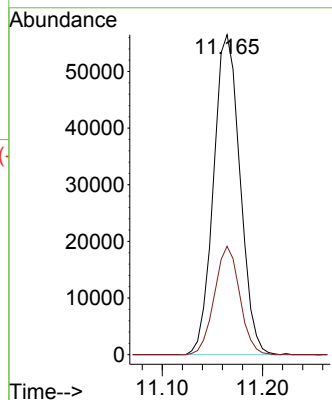
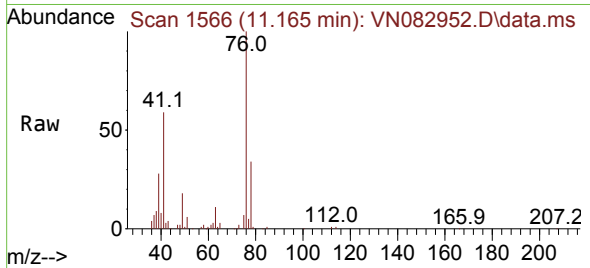




#57
1,3-Dichloropropane
Concen: 55.785 ug/l
RT: 11.165 min Scan# 11165
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

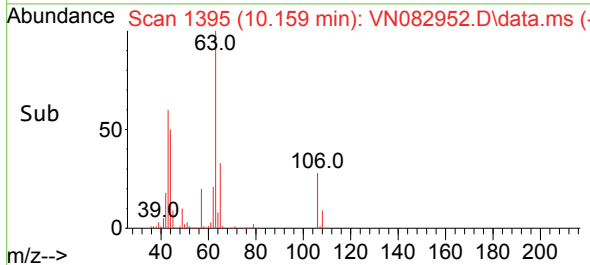
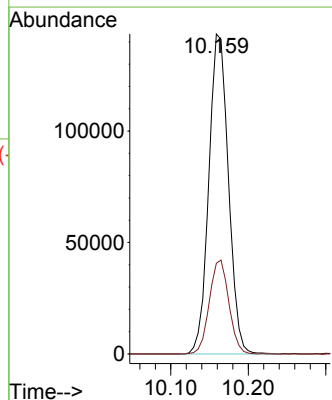
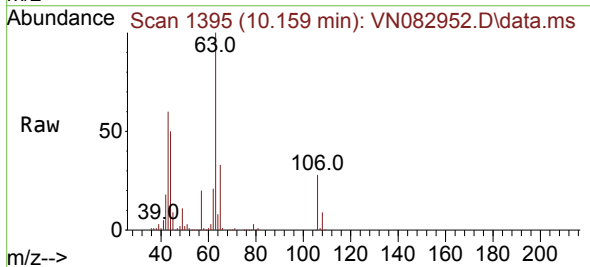
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

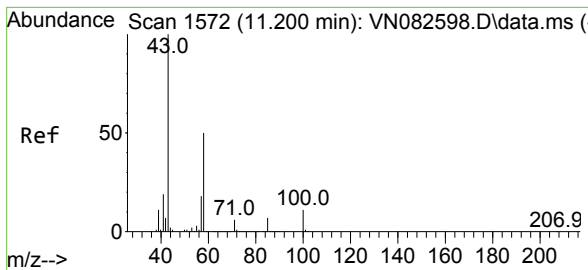
Tgt Ion: 76 Resp: 103581
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 301.398 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 63 Resp: 252394
Ion Ratio Lower Upper
63 100
106 29.2 21.4 32.0

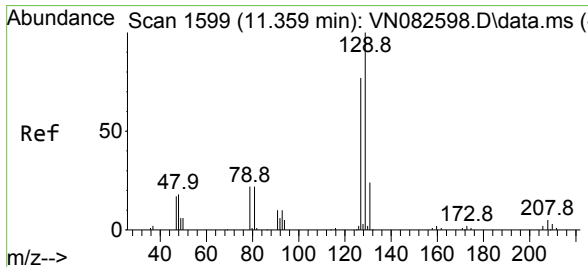
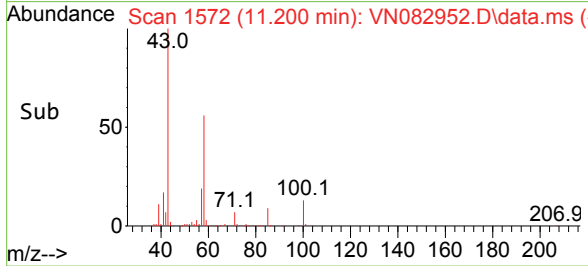
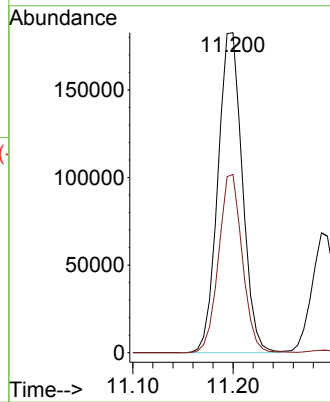
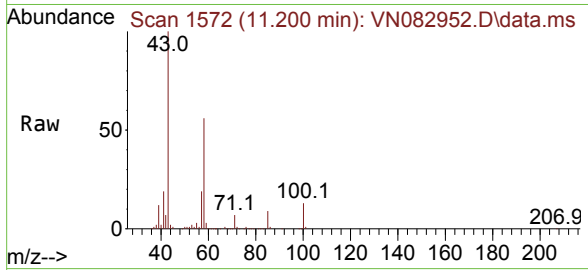




#59
2-Hexanone
Concen: 277.667 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

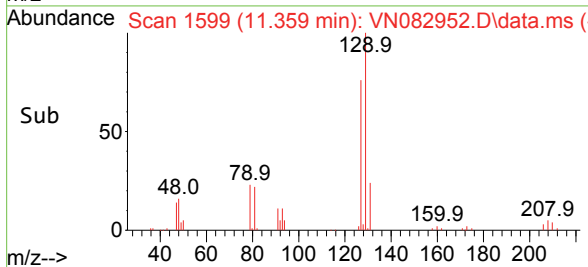
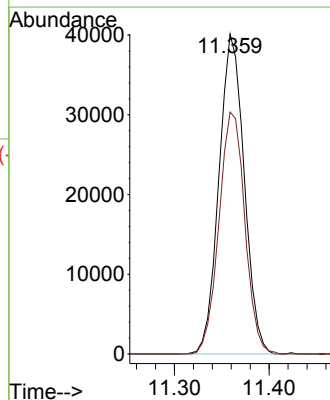
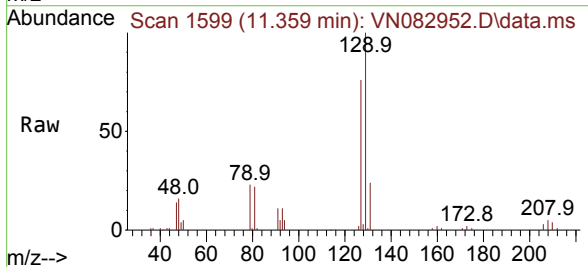
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

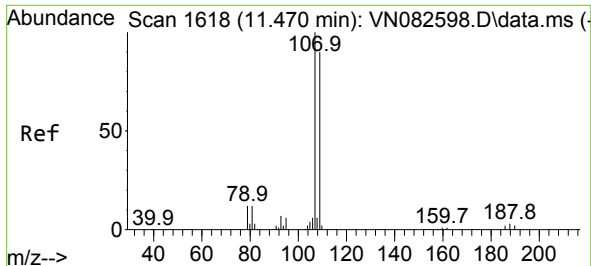
Tgt Ion: 43 Resp: 309332
Ion Ratio Lower Upper
43 100
58 54.1 24.6 73.8



#60
Dibromochloromethane
Concen: 55.555 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 129 Resp: 74224
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

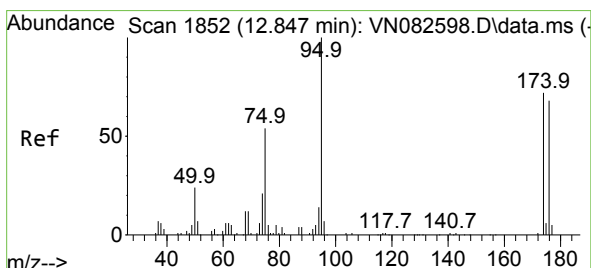
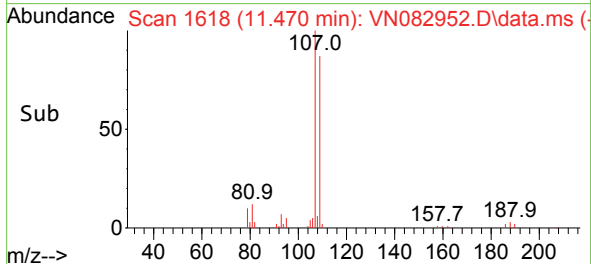
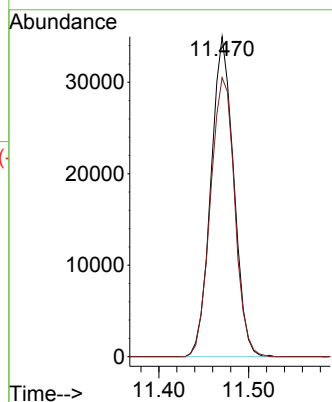
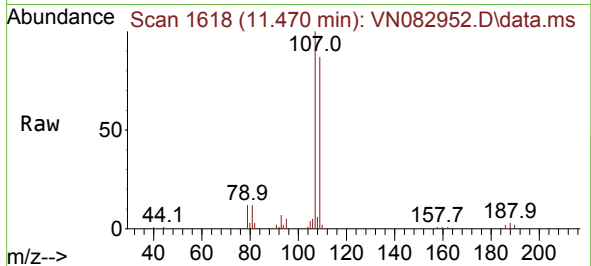




#61
1,2-Dibromoethane
Concen: 55.373 ug/l
RT: 11.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

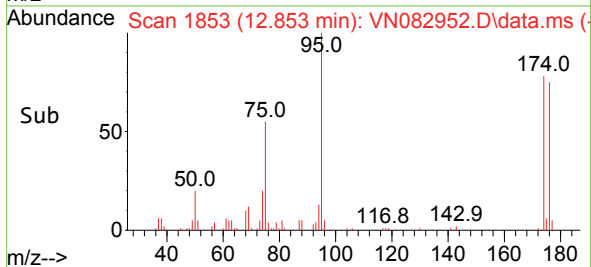
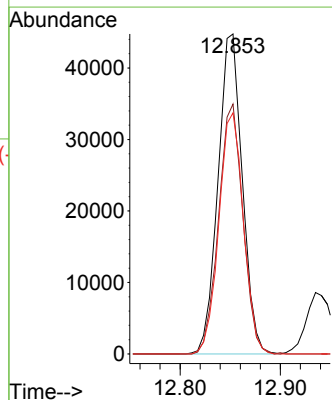
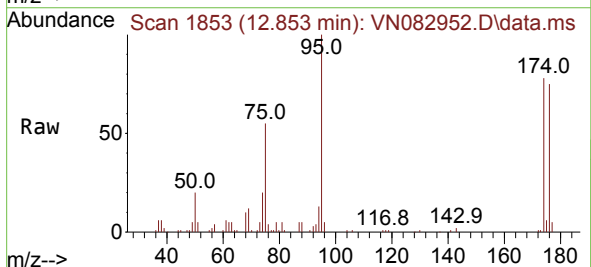
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

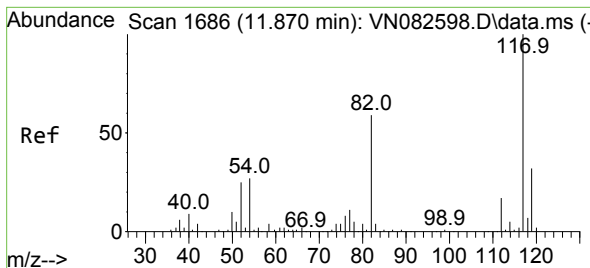
Tgt Ion:107 Resp: 61683
Ion Ratio Lower Upper
107 100
109 92.6 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 95 Resp: 75288
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.2
176 76.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

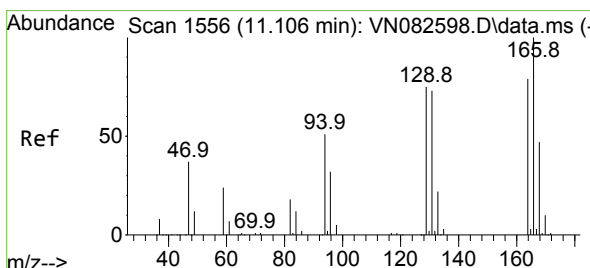
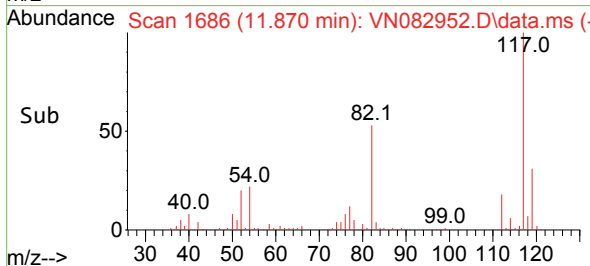
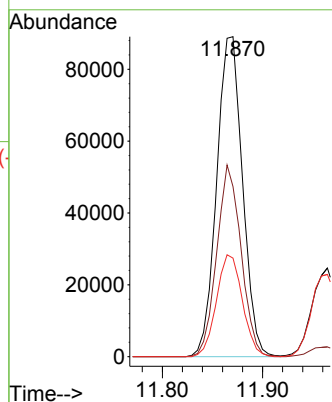
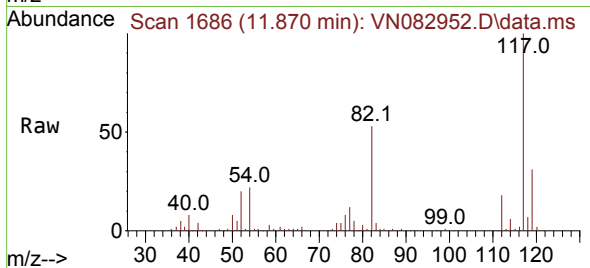
Tgt Ion:117 Resp: 159206

Ion Ratio Lower Upper

117 100

82 53.2 47.5 71.3

119 30.8 25.6 38.4



#64

Tetrachloroethene

Concen: 47.724 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Tgt Ion:164 Resp: 56686

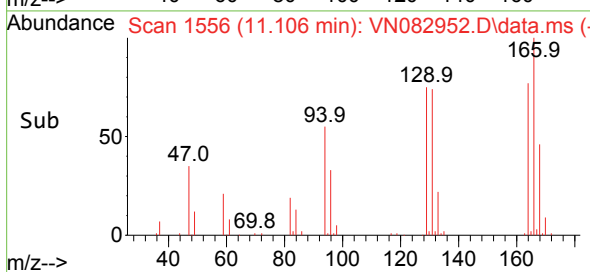
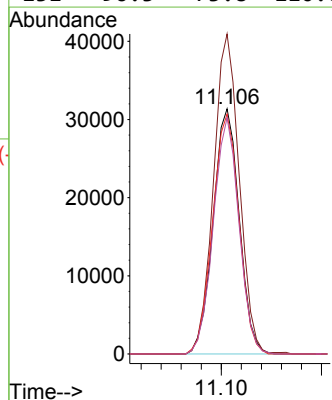
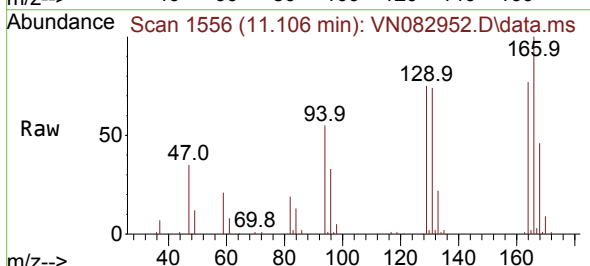
Ion Ratio Lower Upper

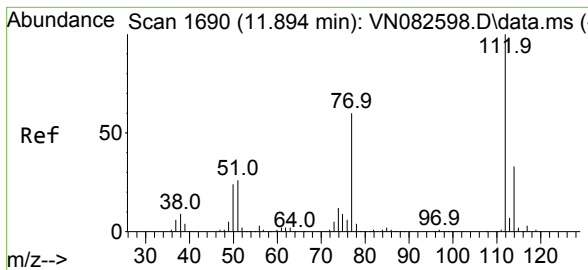
164 100

166 130.5 101.4 152.0

129 97.8 75.7 113.5

131 96.3 73.8 110.6

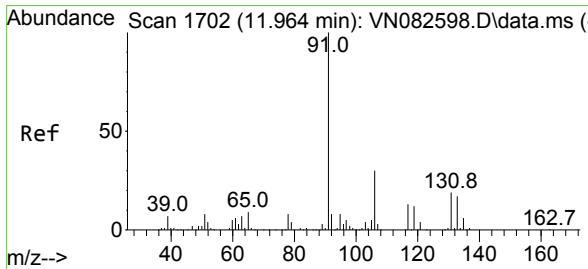
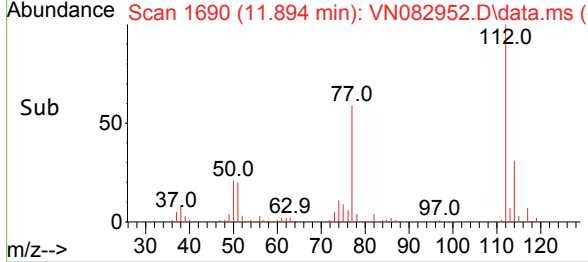
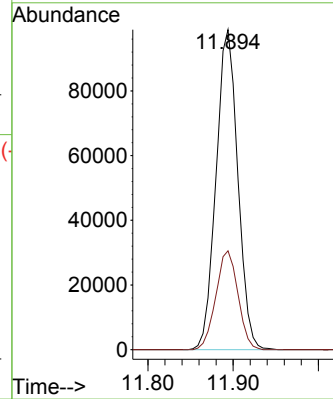
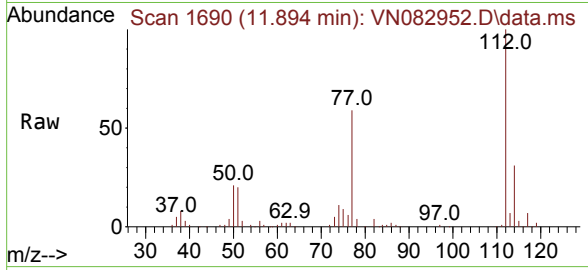




#65
Chlorobenzene
Concen: 51.335 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

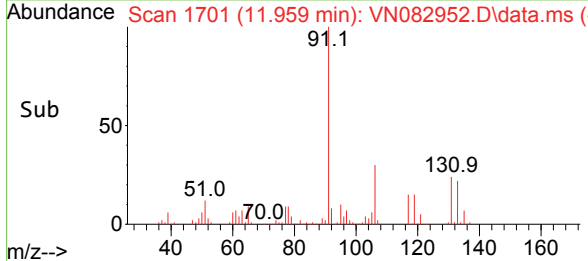
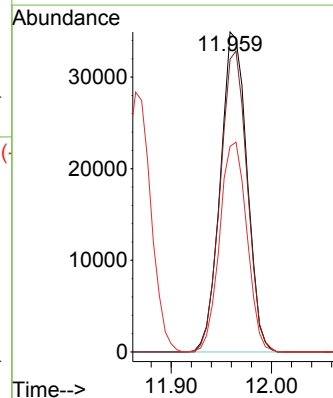
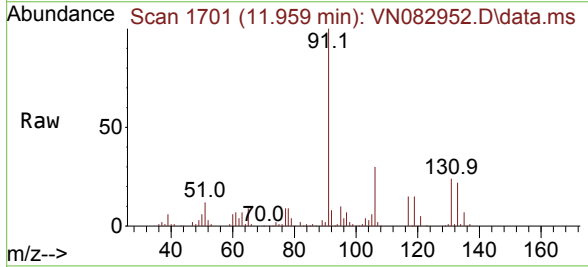
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

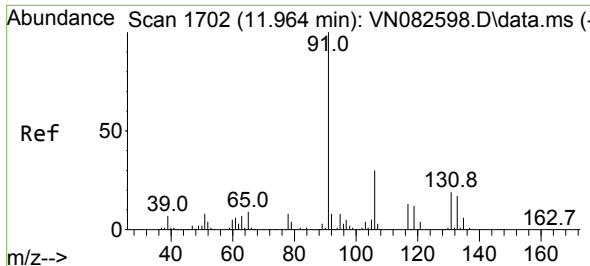
Tgt Ion:112 Resp: 175131
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.040 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:131 Resp: 64363
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 66.9 32.5 97.4

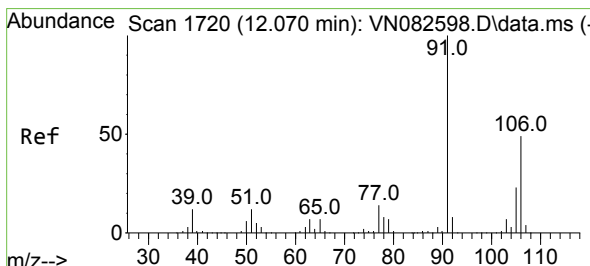
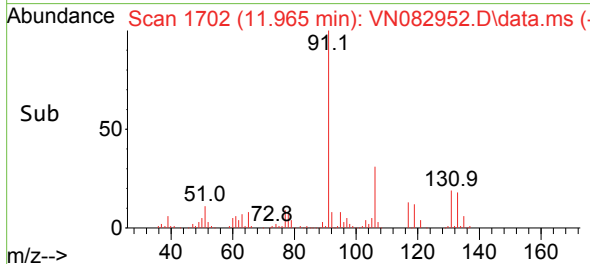
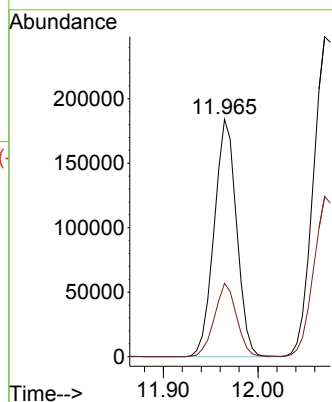
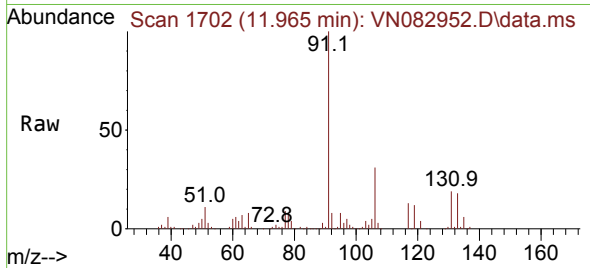




#67
Ethyl Benzene
Concen: 52.836 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

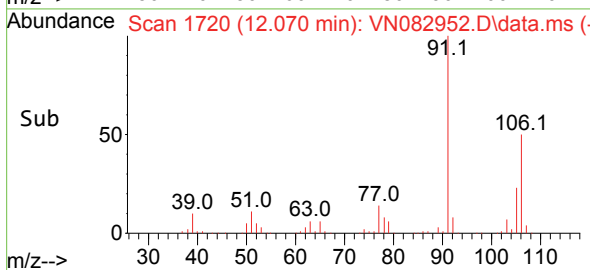
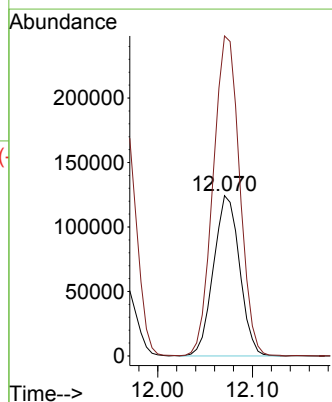
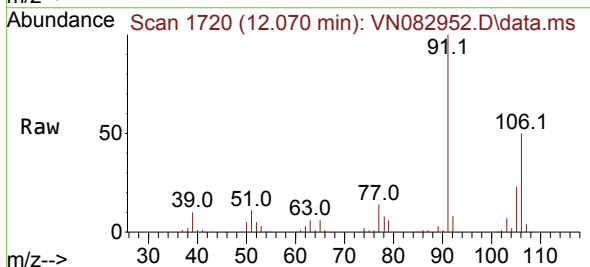
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 302951
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 110.002 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:106 Resp: 238124
Ion Ratio Lower Upper
106 100
91 202.9 166.1 249.1





#69

o-Xylene

Concen: 54.051 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

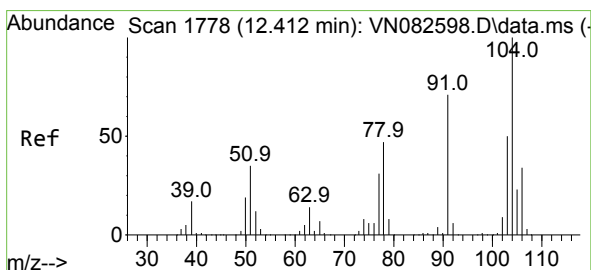
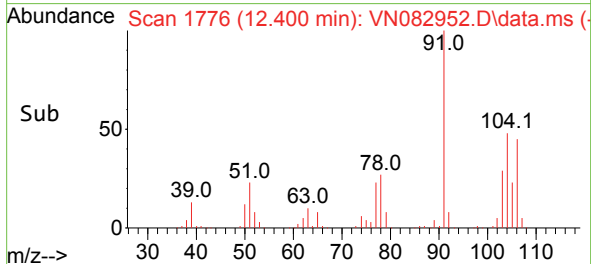
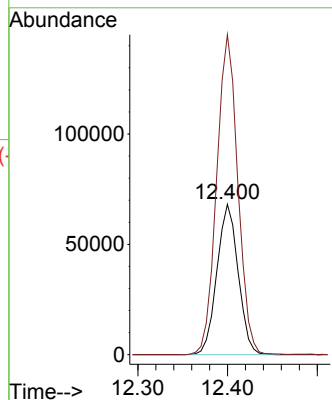
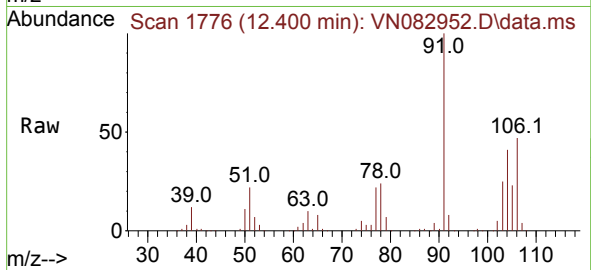
VSTDCCC050

Tgt Ion:106 Resp: 112111

Ion Ratio Lower Upper

106 100

91 212.2 111.3 333.9



#70

Styrene

Concen: 58.432 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

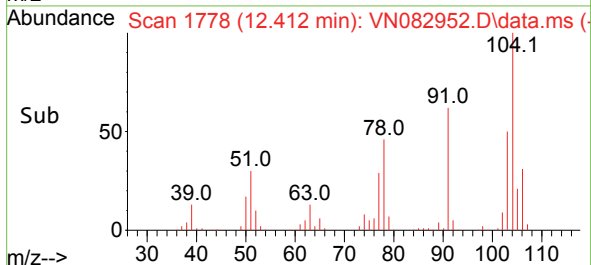
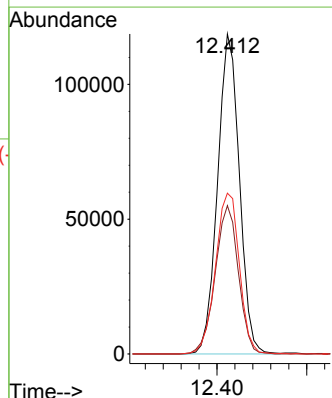
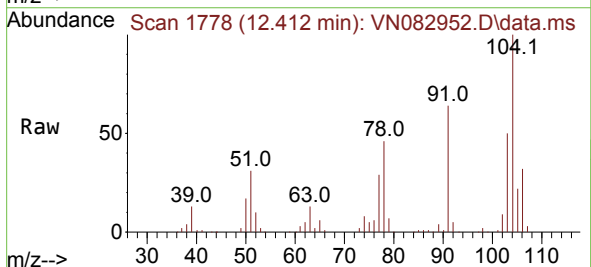
Tgt Ion:104 Resp: 200257

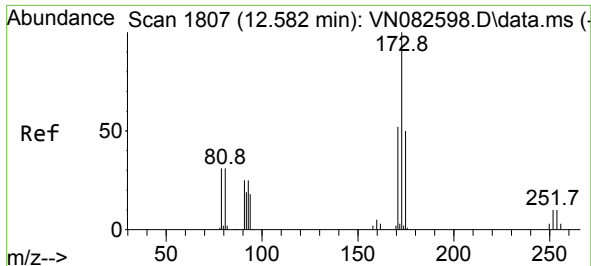
Ion Ratio Lower Upper

104 100

78 49.4 41.6 62.4

103 55.1 44.0 66.0

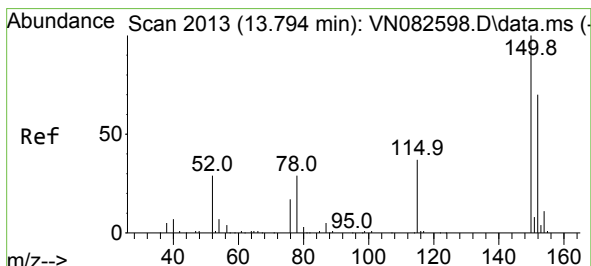
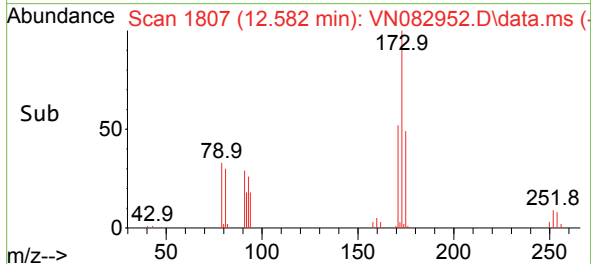
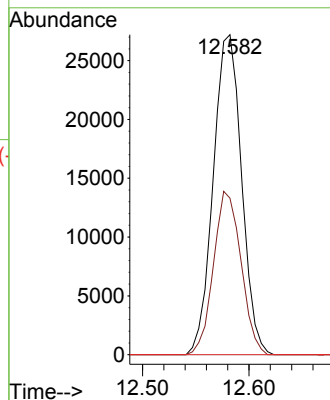
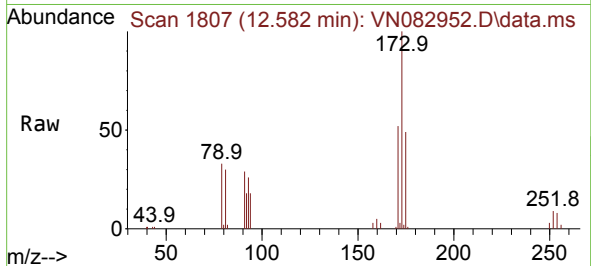




#71
Bromoform
Concen: 52.648 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

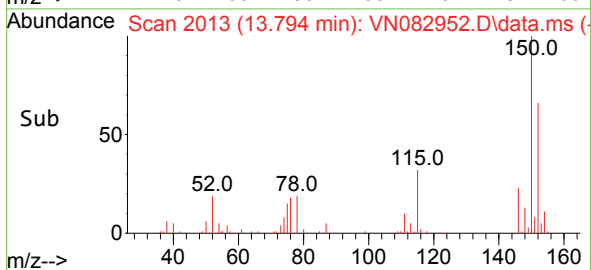
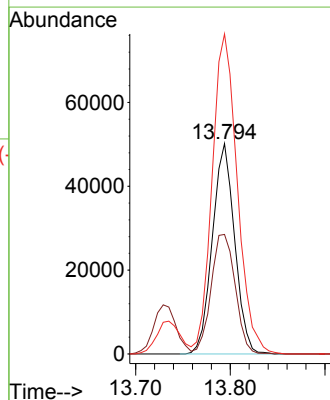
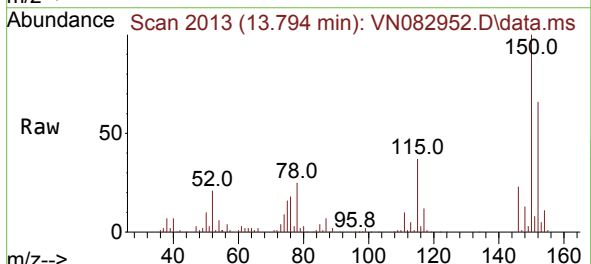
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

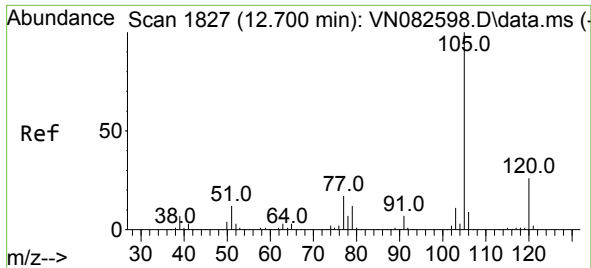
Tgt Ion:173 Resp: 50243
Ion Ratio Lower Upper
173 100
175 49.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:152 Resp: 82089
Ion Ratio Lower Upper
152 100
115 61.6 30.6 91.6
150 171.5 0.0 348.6

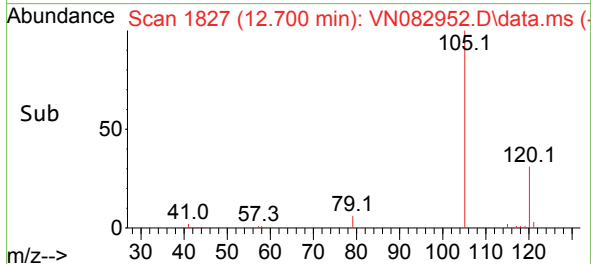
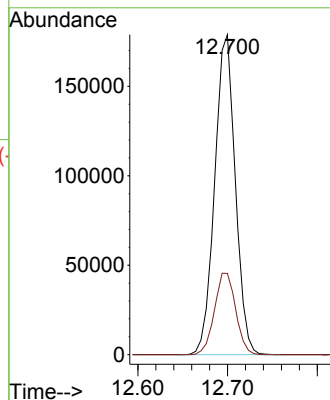
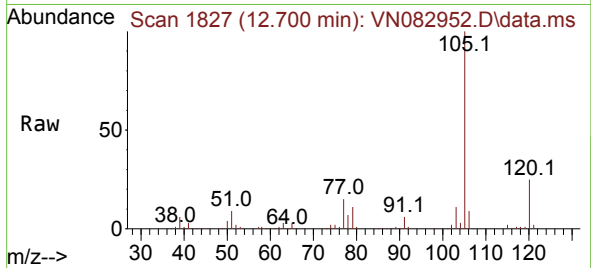




#73
Isopropylbenzene
Concen: 47.788 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

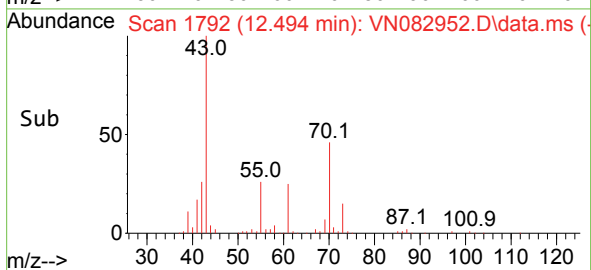
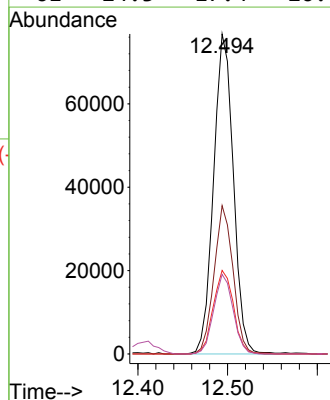
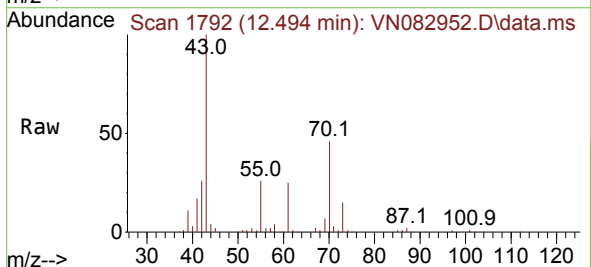
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

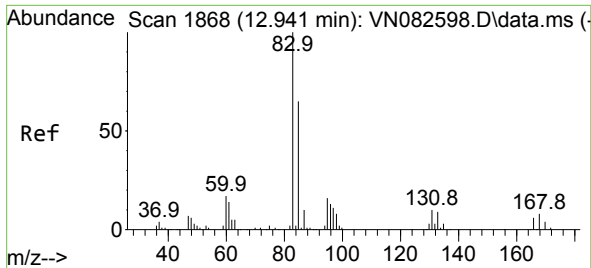
Tgt Ion:105 Resp: 285055
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 47.688 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 43 Resp: 117662
Ion Ratio Lower Upper
43 100
70 44.5 29.8 44.6
55 26.8 18.7 28.1
61 24.3 17.4 26.0

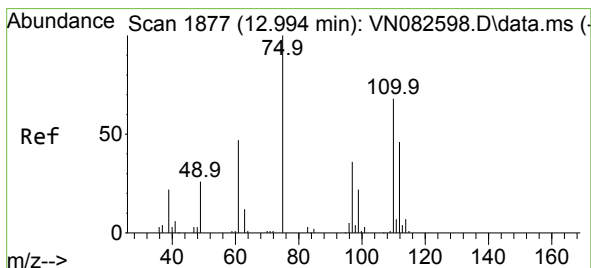
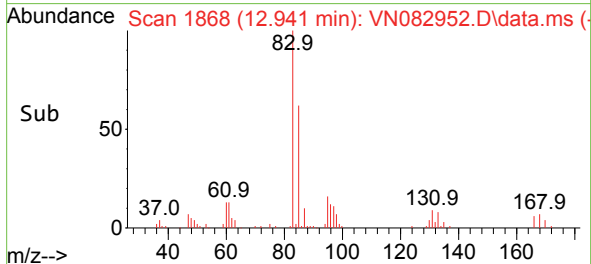
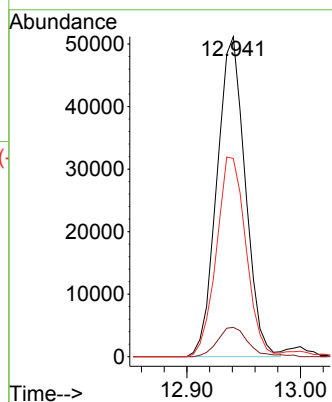
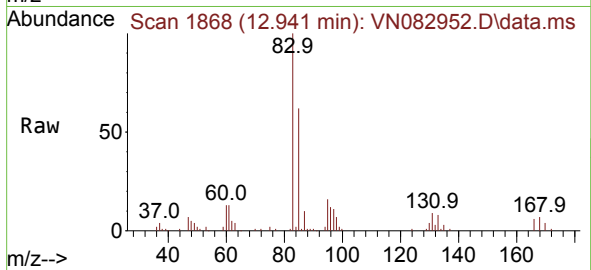




#75
1,1,2,2-Tetrachloroethane
Concen: 49.717 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

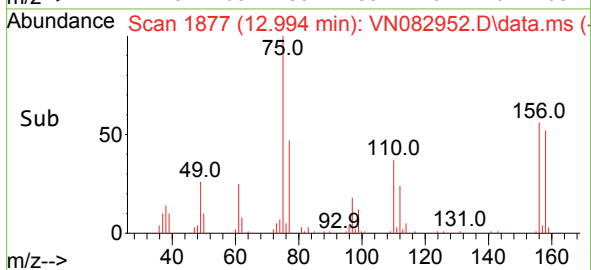
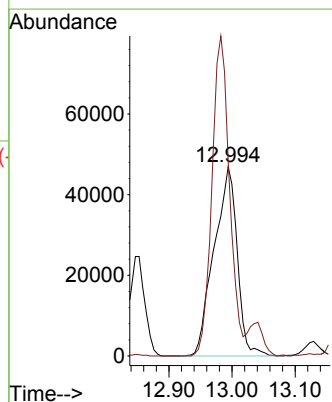
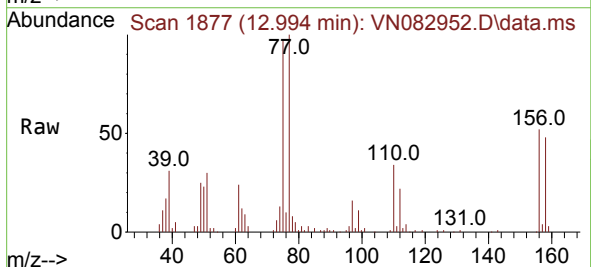
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

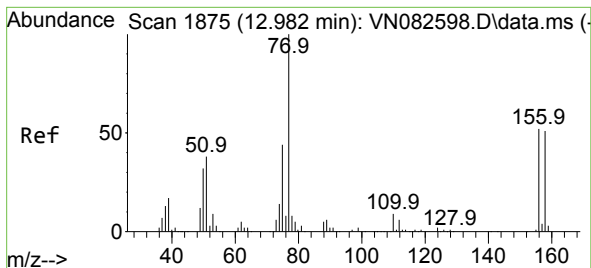
Tgt Ion: 83 Resp: 88817
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 84.295 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 75 Resp: 119300
Ion Ratio Lower Upper
75 100
77 128.4 110.9 332.6





#77

Bromobenzene

Concen: 47.087 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

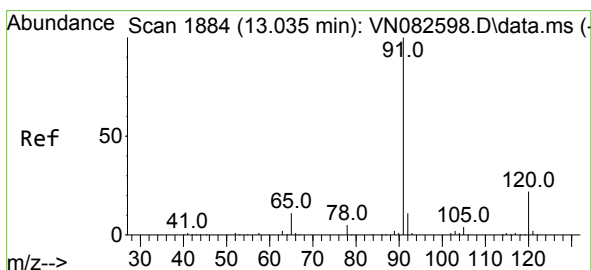
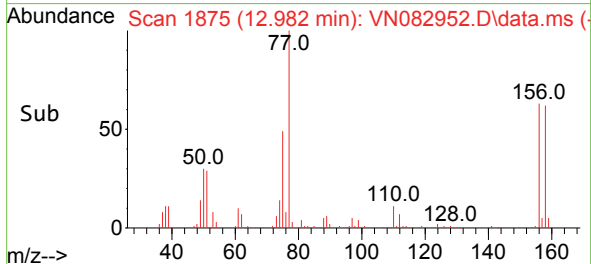
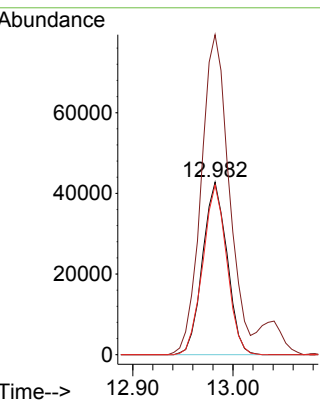
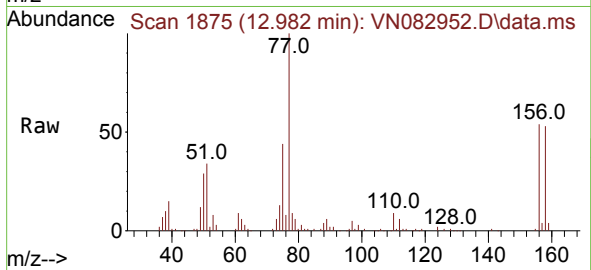
Tgt Ion:156 Resp: 72459

Ion Ratio Lower Upper

156 100

77 211.5 111.3 333.8

158 96.5 48.3 144.9



#78

n-propylbenzene

Concen: 50.305 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082952.D

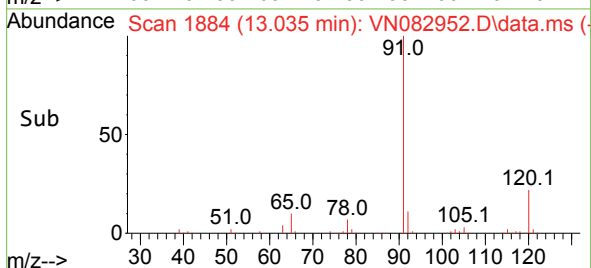
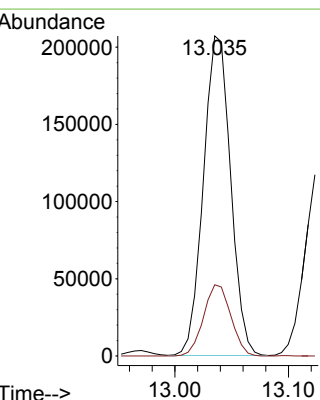
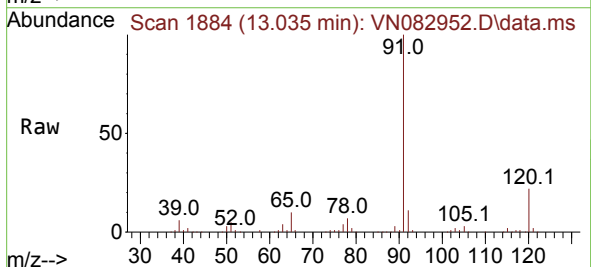
Acq: 17 Jul 2024 10:12

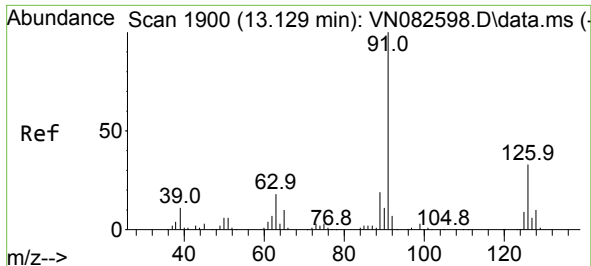
Tgt Ion: 91 Resp: 345009

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

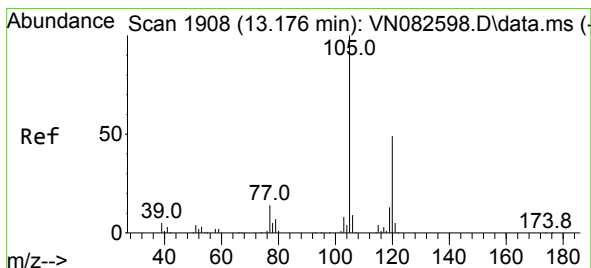
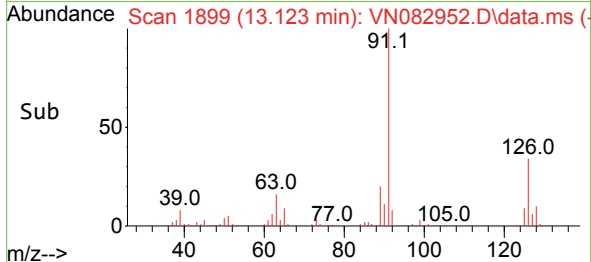
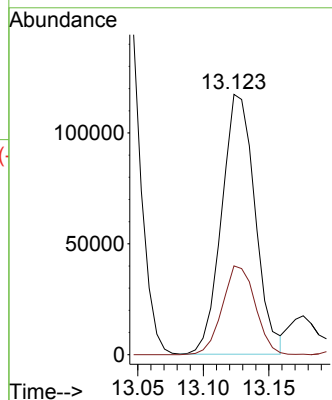
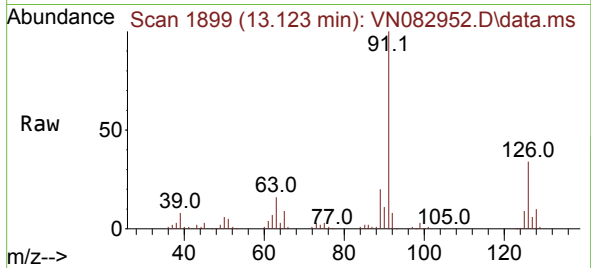




#79
2-Chlorotoluene
Concen: 47.555 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

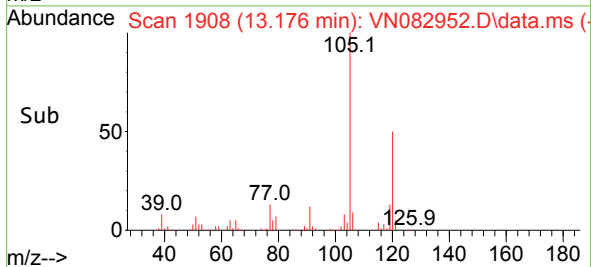
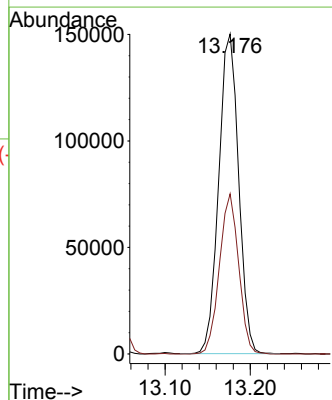
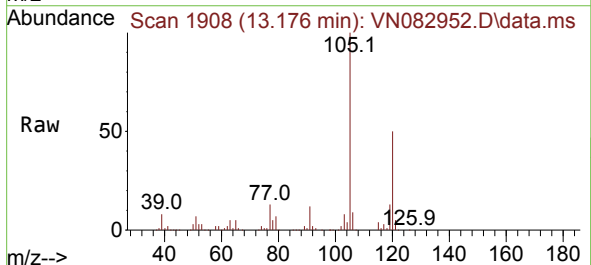
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

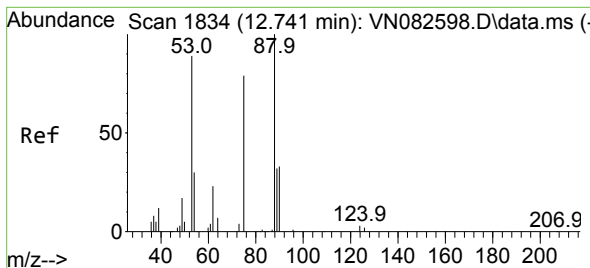
Tgt Ion: 91 Resp: 207806
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.388 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:105 Resp: 242953
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

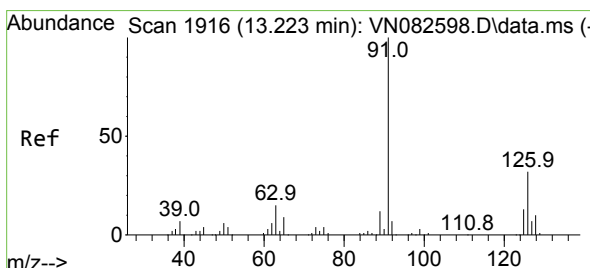
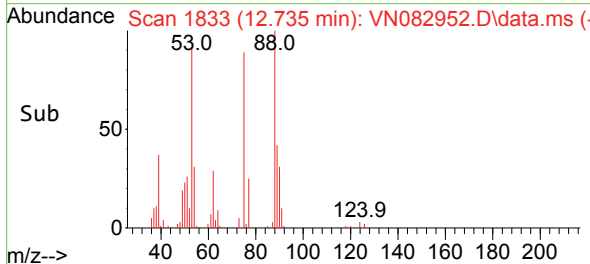
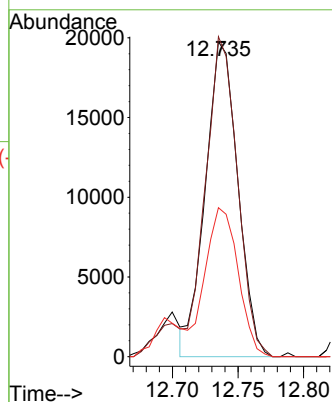
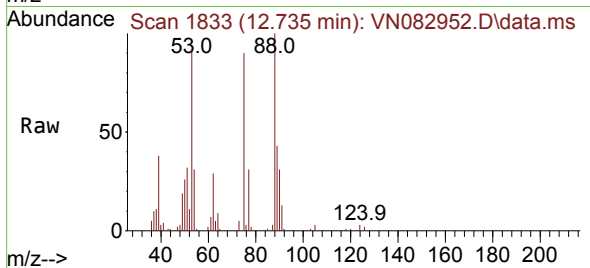




#81
trans-1,4-Dichloro-2-butene
Concen: 47.242 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

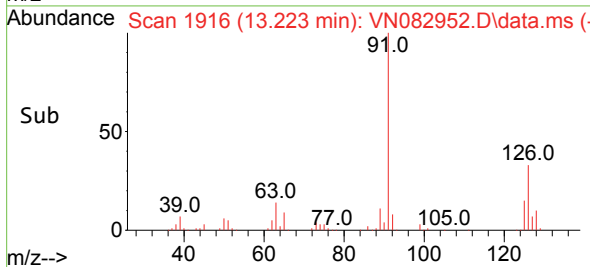
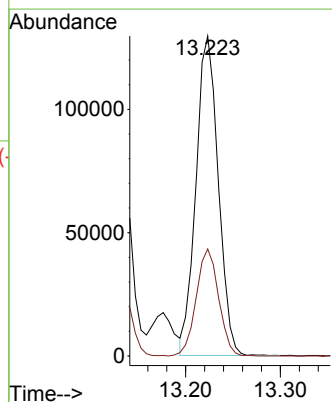
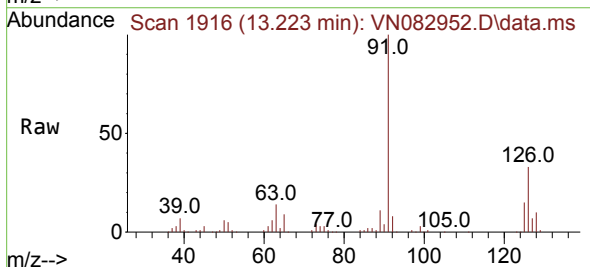
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

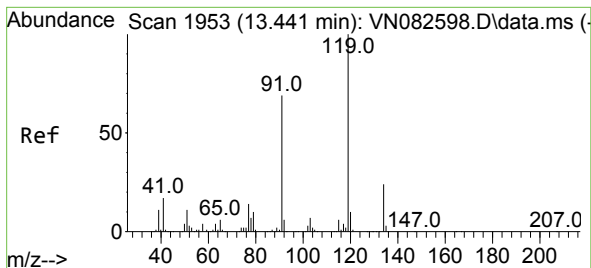
Tgt Ion: 75 Resp: 33996
Ion Ratio Lower Upper
75 100
53 108.4 88.4 132.6
89 47.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 48.866 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion: 91 Resp: 211359
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 47.037 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

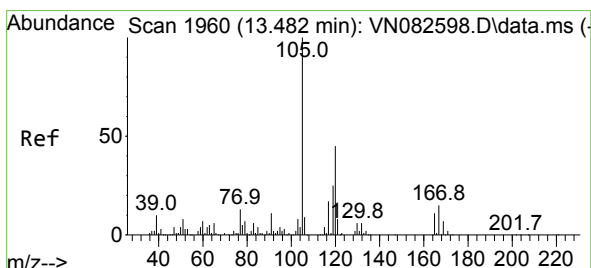
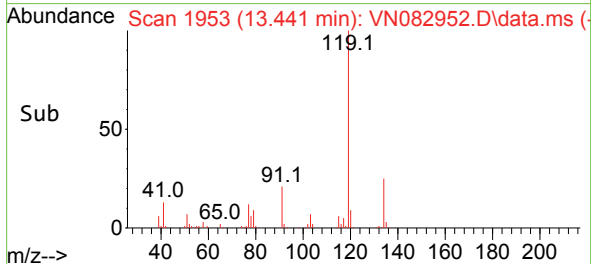
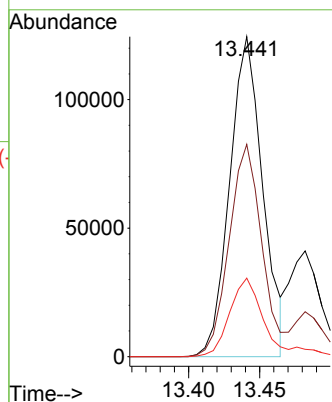
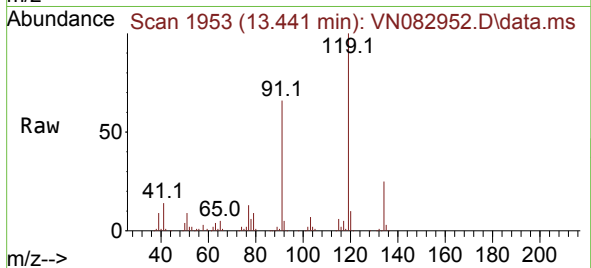
Tgt Ion:119 Resp: 201065

Ion Ratio Lower Upper

119 100

91 65.2 35.0 105.1

134 26.2 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.512 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082952.D

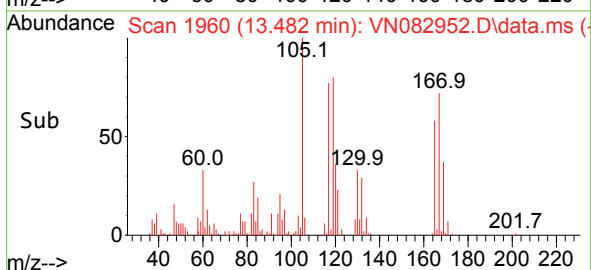
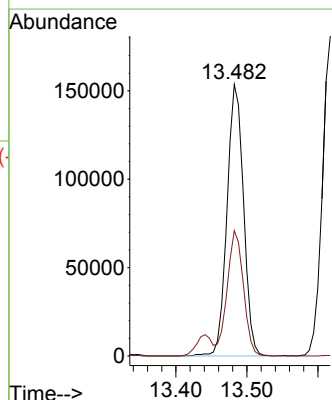
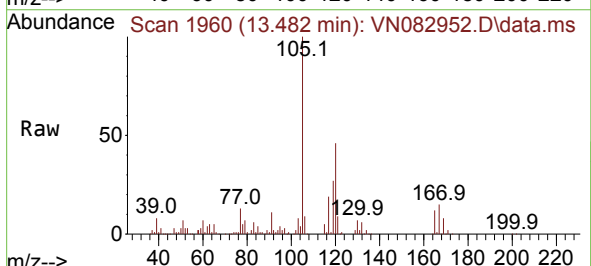
Acq: 17 Jul 2024 10:12

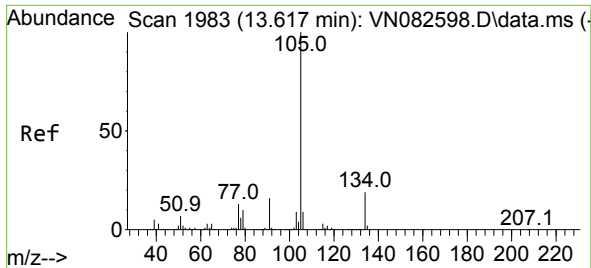
Tgt Ion:105 Resp: 248233

Ion Ratio Lower Upper

105 100

120 45.6 21.9 65.8

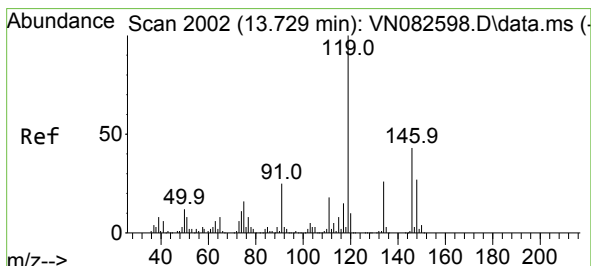
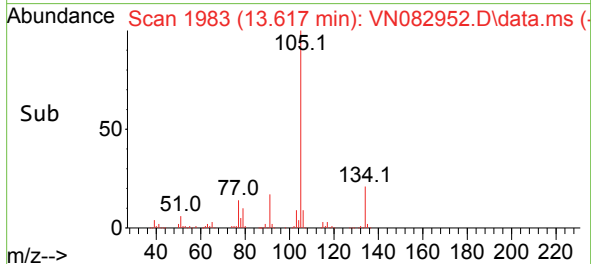
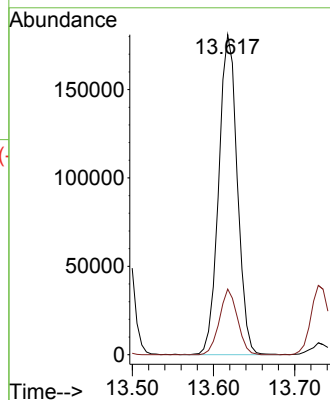
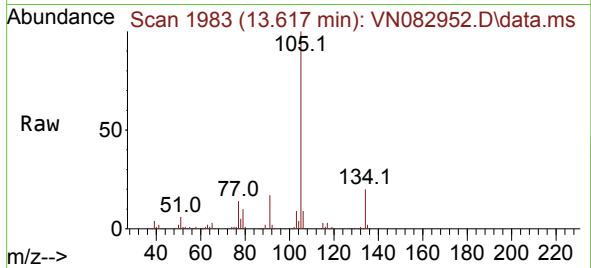




#85
 sec-Butylbenzene
 Concen: 49.999 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

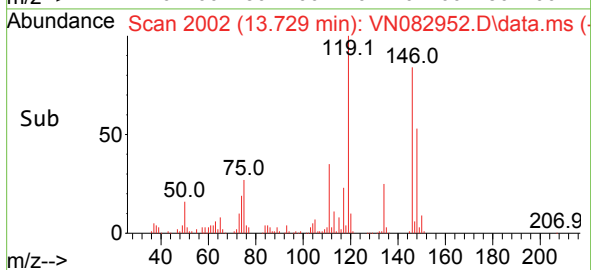
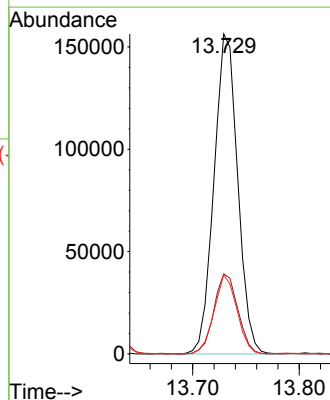
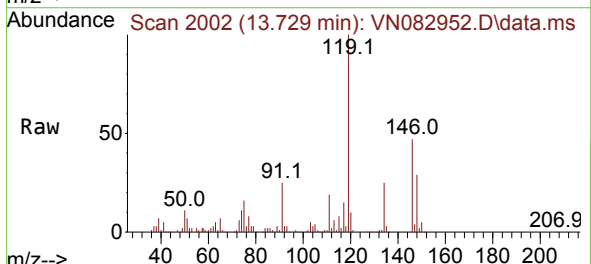
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

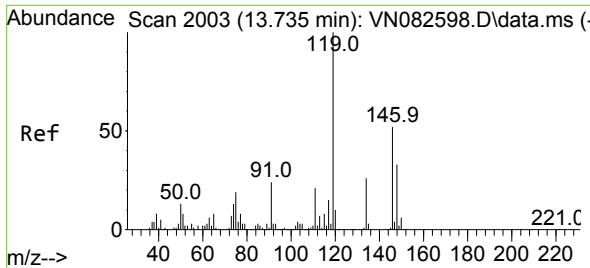
Tgt Ion:105 Resp: 288814
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.170 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082952.D
 Acq: 17 Jul 2024 10:12

Tgt Ion:119 Resp: 241791
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 23.9 12.3 36.9

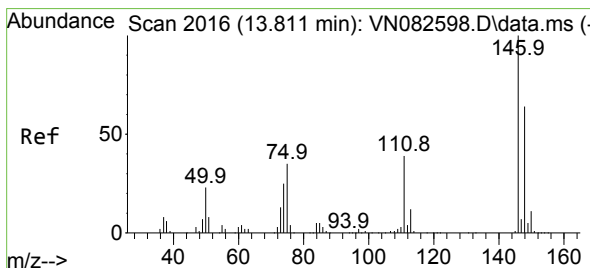
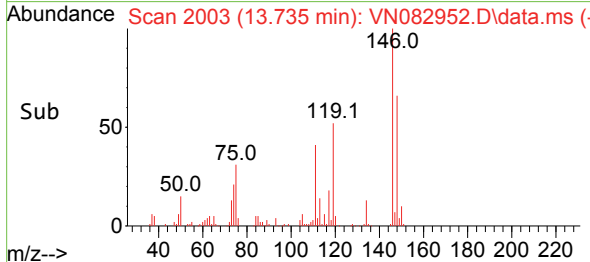
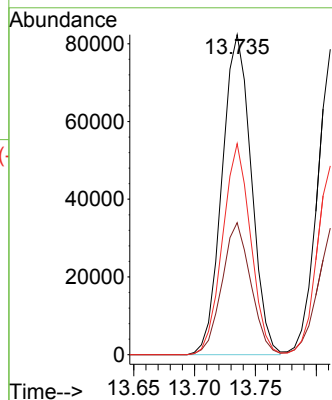
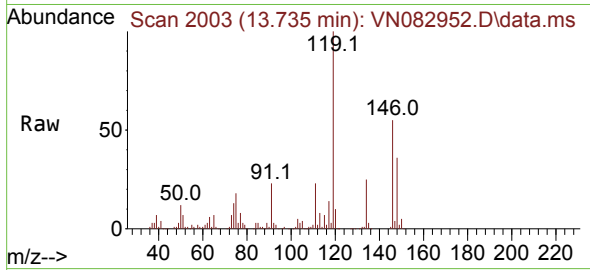




#87
1,3-Dichlorobenzene
Concen: 49.515 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

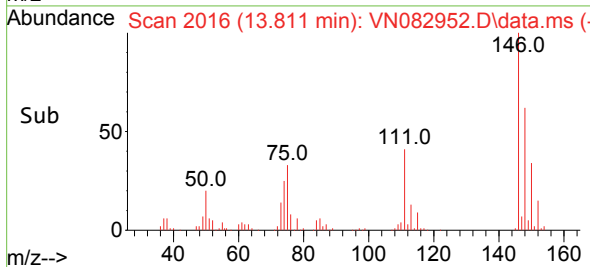
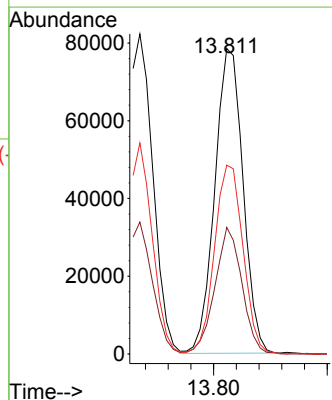
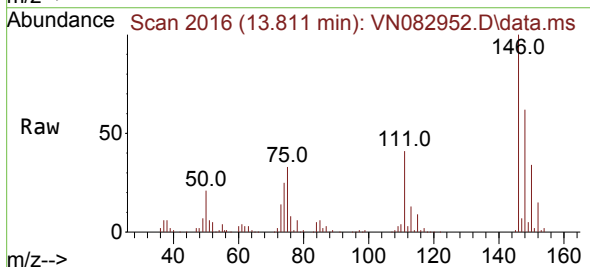
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

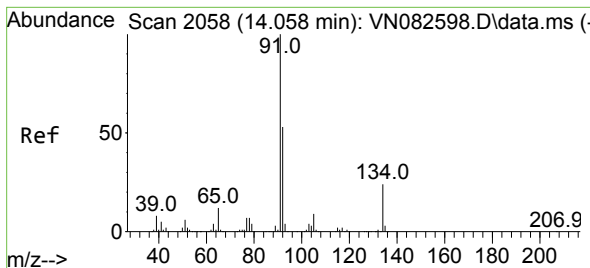
Tgt Ion:146 Resp: 137646
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 63.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 47.122 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:146 Resp: 135472
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.3
148 62.6 32.2 96.6





#89

n-Butylbenzene

Concen: 49.114 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

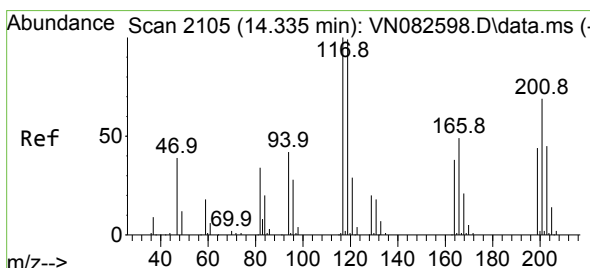
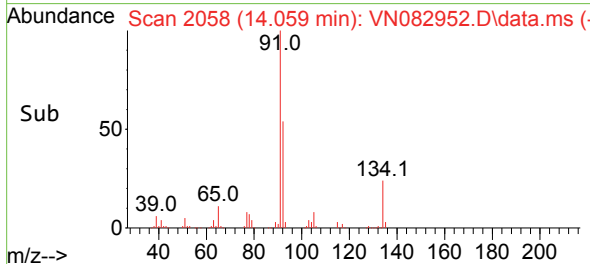
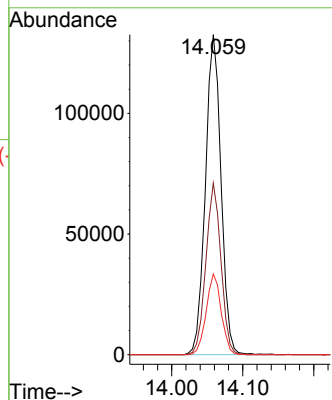
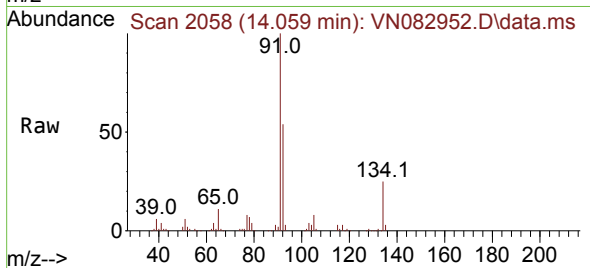
Tgt Ion: 91 Resp: 202785

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 24.3 12.1 36.3



#90

Hexachloroethane

Concen: 46.905 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082952.D

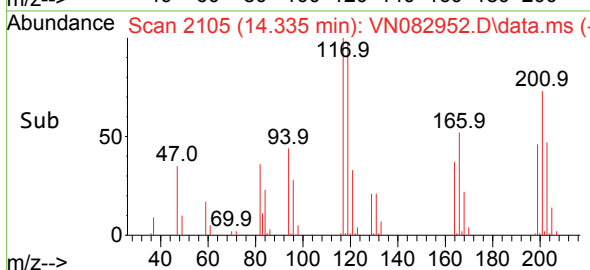
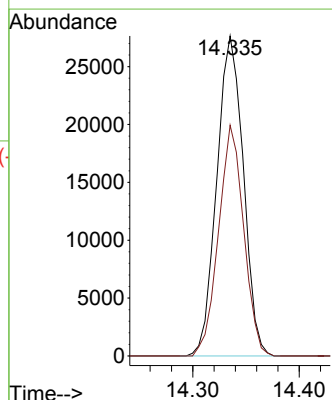
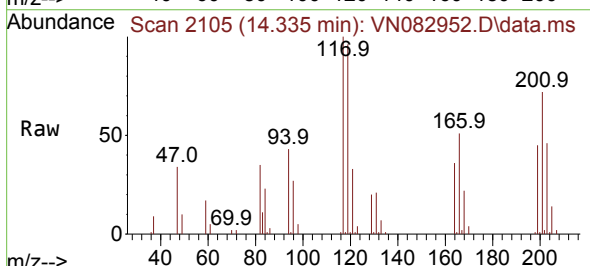
Acq: 17 Jul 2024 10:12

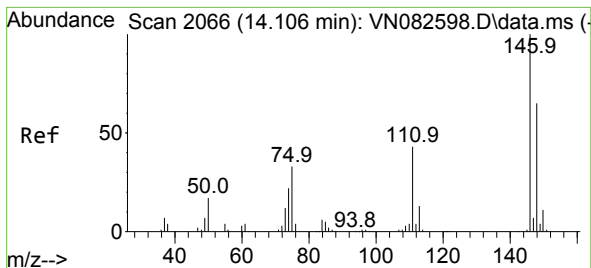
Tgt Ion: 117 Resp: 47832

Ion Ratio Lower Upper

117 100

201 68.3 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 48.725 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

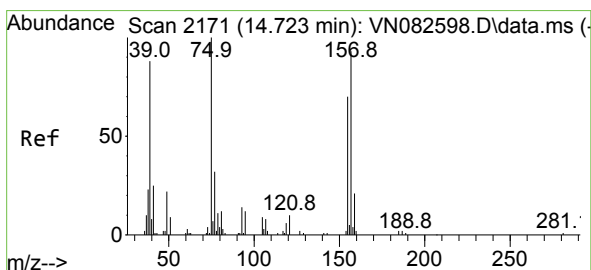
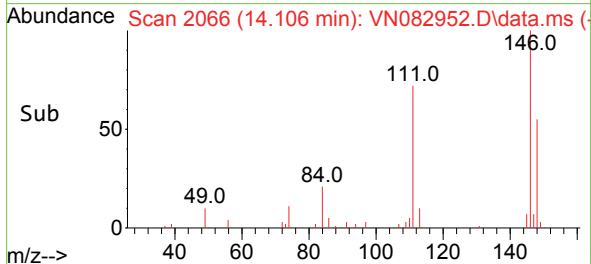
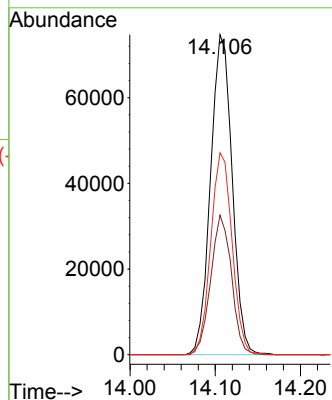
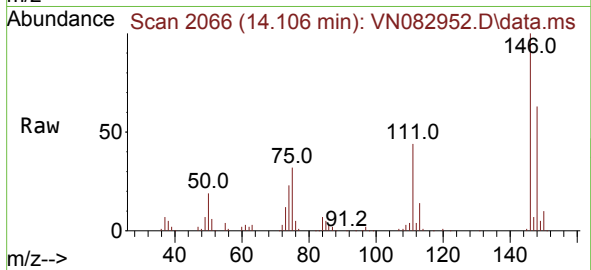
Tgt Ion:146 Resp: 131512

Ion Ratio Lower Upper

146 100

111 41.9 21.4 64.2

148 62.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.553 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN082952.D

Acq: 17 Jul 2024 10:12

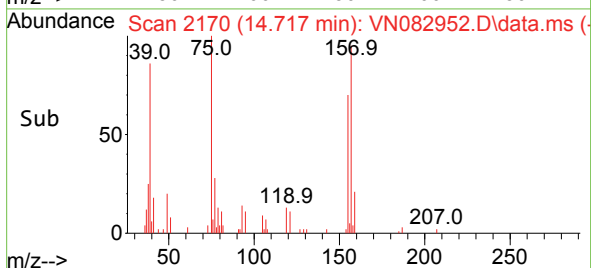
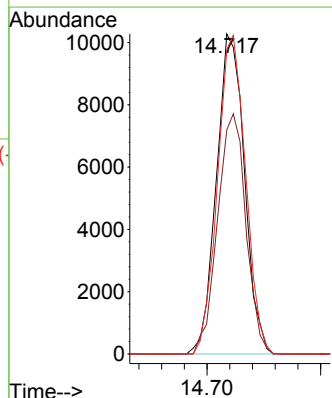
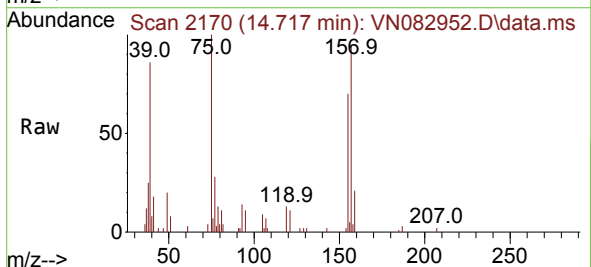
Tgt Ion: 75 Resp: 17587

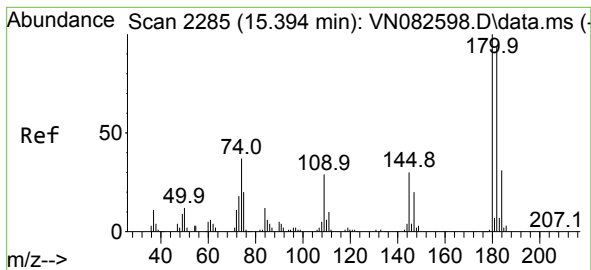
Ion Ratio Lower Upper

75 100

155 75.9 36.6 109.8

157 99.5 46.9 140.6

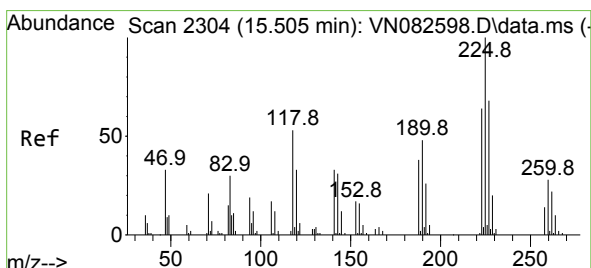
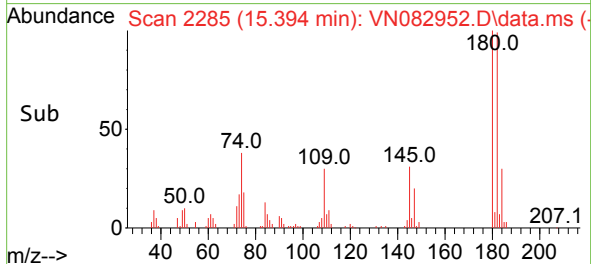
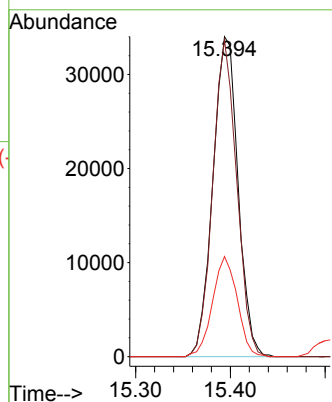
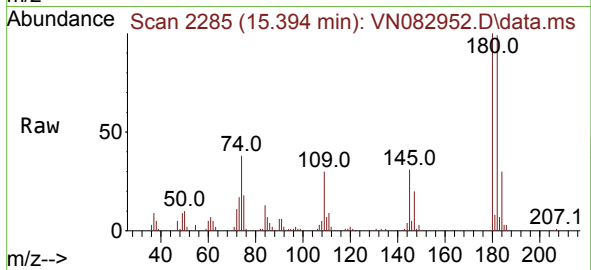




#93
1,2,4-Trichlorobenzene
Concen: 43.143 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

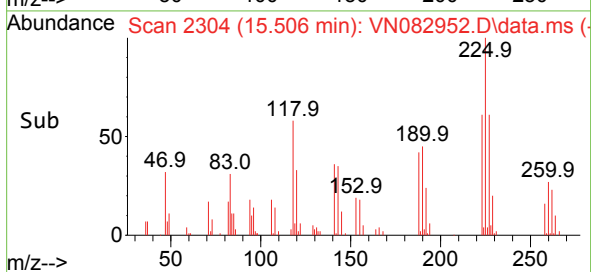
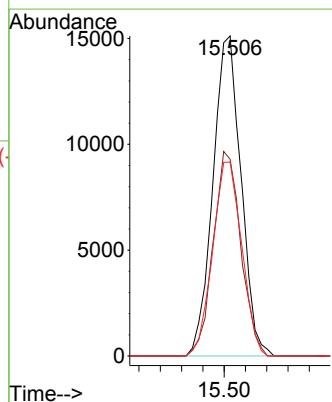
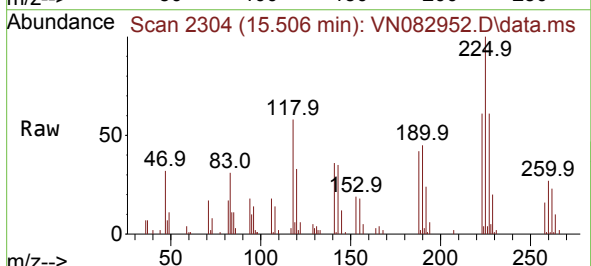
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

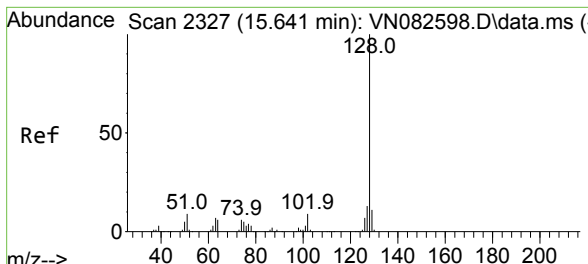
Tgt Ion:180 Resp: 62724
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 30.7 15.7 47.1



#94
Hexachlorobutadiene
Concen: 42.922 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:225 Resp: 27664
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 62.7 32.5 97.5

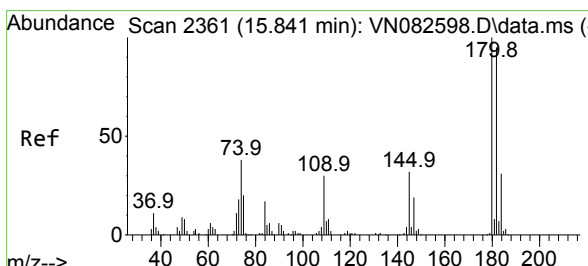
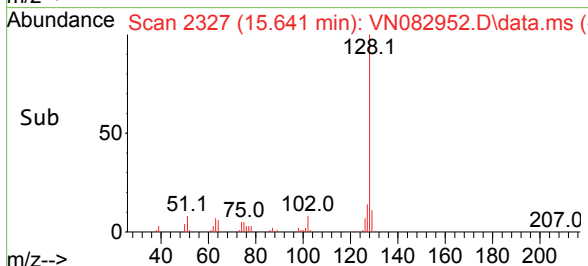
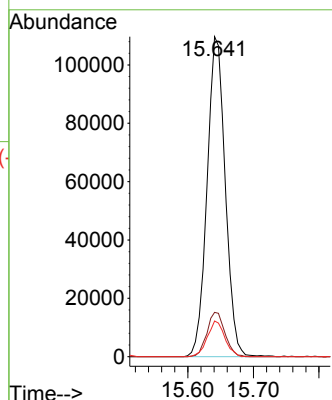
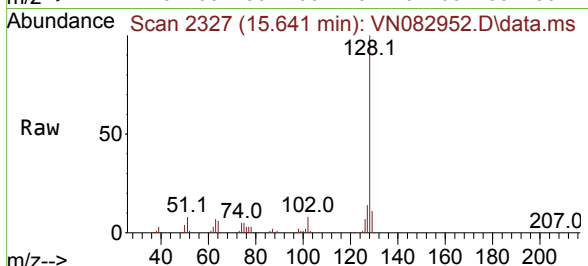




#95
Naphthalene
Concen: 42.511 ug/l
RT: 15.641 min Scan# 211690
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 211690
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 42.885 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082952.D
Acq: 17 Jul 2024 10:12

Tgt Ion:180 Resp: 64107
Ion Ratio Lower Upper
180 100
182 96.9 48.9 146.8
145 32.9 16.8 50.4

