

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082545.D
 Acq On : 12 Jun 2024 21:49
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 13 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138709	49.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.200%
35) Dibromofluoromethane	8.165	113	100263	54.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.400%
50) Toluene-d8	10.571	98	355317	50.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.847	95	137429	54.795	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	142981	55.999	ug/l	100
3) Chloromethane	2.365	50	154683	53.456	ug/l	99
4) Vinyl Chloride	2.512	62	153767	56.525	ug/l	97
5) Bromomethane	2.948	94	90285	57.741	ug/l	100
6) Chloroethane	3.118	64	102007	57.428	ug/l	100
7) Trichlorofluoromethane	3.495	101	204588	57.433	ug/l	100
8) Diethyl Ether	3.959	74	75378	59.399	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	116449	55.961	ug/l	99
10) Methyl Iodide	4.589	142	126916	60.670	ug/l	95
11) Tert butyl alcohol	5.524	59	124207	276.703	ug/l	100
12) 1,1-Dichloroethene	4.342	96	109883	56.813	ug/l #	79
13) Acrolein	4.183	56	101175	304.159	ug/l	97
14) Allyl chloride	5.018	41	214094	51.702	ug/l #	92
15) Acrylonitrile	5.718	53	338487	291.158	ug/l	99
16) Acetone	4.424	43	301606	262.922	ug/l	89
17) Carbon Disulfide	4.712	76	322265	51.589	ug/l	97
18) Methyl Acetate	5.024	43	176993	61.955	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	414532	58.636	ug/l	96
20) Methylene Chloride	5.283	84	130449	56.363	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	117848	55.913	ug/l #	84
22) Diisopropyl ether	6.677	45	494116	57.145	ug/l #	93
23) Vinyl Acetate	6.606	43	1952955	286.469	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	251279	56.381	ug/l	96
25) 2-Butanone	7.483	43	491440	282.562	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	183835	49.246	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	146447	58.876	ug/l	85
28) Bromochloromethane	7.812	49	91833	47.291	ug/l #	76
29) Tetrahydrofuran	7.841	42	330374	295.853	ug/l #	83
30) Chloroform	7.965	83	249365	58.591	ug/l	99
31) Cyclohexane	8.259	56	224933	50.363	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	222888	59.031	ug/l	94
36) 1,1-Dichloropropene	8.371	75	176196	57.320	ug/l	96
37) Ethyl Acetate	7.559	43	202127	58.756	ug/l #	94
38) Carbon Tetrachloride	8.365	117	192075	61.641	ug/l	96
39) Methylcyclohexane	9.600	83	188899	56.063	ug/l #	86
40) Benzene	8.606	78	545574	59.519	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	116269	57.469	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	203722	57.787	ug/l	96
43) Isopropyl Acetate	8.688	43	366948	60.199	ug/l #	90
44) Trichloroethene	9.353	130	122762	58.958	ug/l	98
45) 1,2-Dichloropropane	9.624	63	139792	59.107	ug/l	99
46) Dibromomethane	9.712	93	93770	60.391	ug/l	98
47) Bromodichloromethane	9.888	83	203828	62.182	ug/l	99
48) Methyl methacrylate	9.682	41	175225	60.328	ug/l #	82
49) 1,4-Dioxane	9.700	88	52118	1280.518	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1070971	309.233	ug/l	90
52) Toluene	10.629	92	341441	62.071	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	208367	61.462	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	216228	60.256	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	124579	62.320	ug/l	97
56) Ethyl methacrylate	10.876	69	215534	63.505	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	224167	59.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	494116	282.254	ug/l	90
59) 2-Hexanone	11.200	43	791231	312.016	ug/l	90
60) Dibromochloromethane	11.359	129	152404	69.084	ug/l	100
61) 1,2-Dibromoethane	11.471	107	127202	61.951	ug/l	99
64) Tetrachloroethene	11.106	164	123715	59.828	ug/l	95
65) Chlorobenzene	11.894	112	360984	58.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	130617	64.340	ug/l	99
67) Ethyl Benzene	11.965	91	648997	58.865	ug/l	100
68) m/p-Xylenes	12.070	106	488017	120.774	ug/l	93
69) o-Xylene	12.400	106	233892	59.755	ug/l	91
70) Styrene	12.412	104	410864	63.195	ug/l	97
71) Bromoform	12.582	173	103864	64.126	ug/l #	96
73) Isopropylbenzene	12.694	105	612216	55.530	ug/l	99
74) N-amyl acetate	12.494	43	315579	52.038	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	174891	55.030	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	250837	85.876	ug/l	63
77) Bromobenzene	12.982	156	147787	56.249	ug/l	91
78) n-propylbenzene	13.035	91	727204	55.701	ug/l	98
79) 2-Chlorotoluene	13.129	91	445338	54.323	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	509287	57.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	67704	54.215	ug/l #	75
82) 4-Chlorotoluene	13.223	91	439793	54.868	ug/l	96
83) tert-Butylbenzene	13.441	119	431275	55.298	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	518077	56.803	ug/l	97
85) sec-Butylbenzene	13.617	105	608952	56.332	ug/l	98
86) p-Isopropyltoluene	13.729	119	511480	58.219	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	272300	57.205	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	265820	54.715	ug/l	99
89) n-Butylbenzene	14.059	91	435139	55.106	ug/l	98
90) Hexachloroethane	14.335	117	98806	60.702	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	260552	57.827	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37964	58.141	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	137791	54.557	ug/l	98
94) Hexachlorobutadiene	15.506	225	59431	53.627	ug/l	97
95) Naphthalene	15.641	128	465818	58.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	143575	56.786	ug/l	97

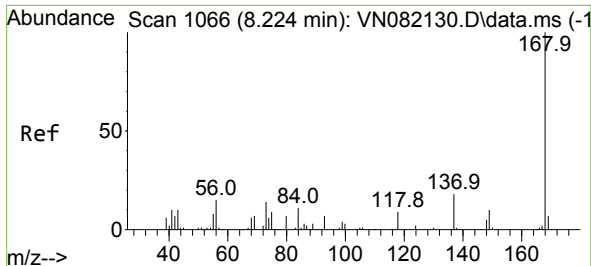
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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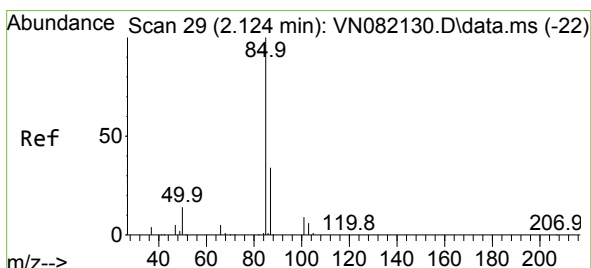
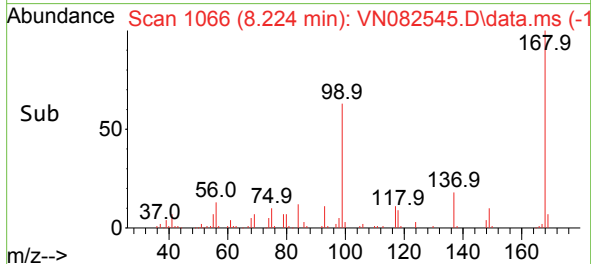
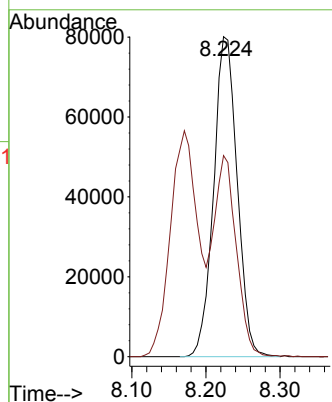
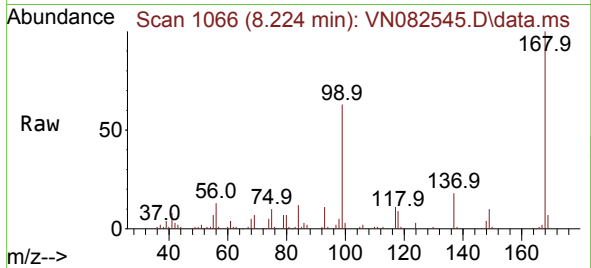
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Acq: 12 Jun 2024 21:49

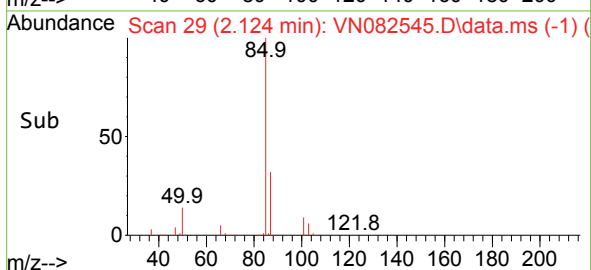
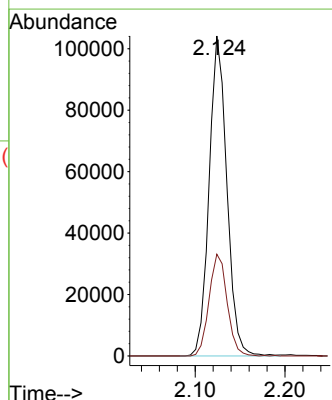
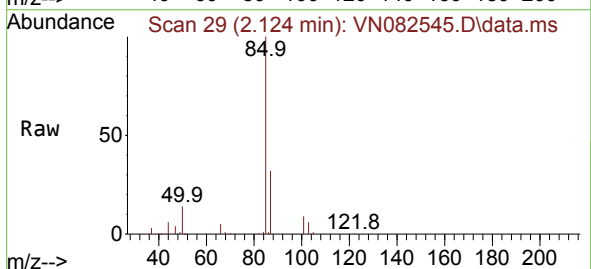
Instrument :
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VSTDCCC050EC

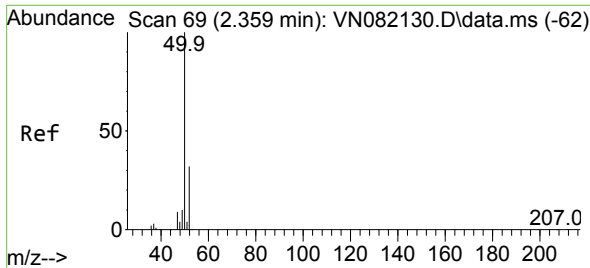
Tgt Ion:168 Resp: 177096
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 55.999 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 85 Resp: 142981
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4

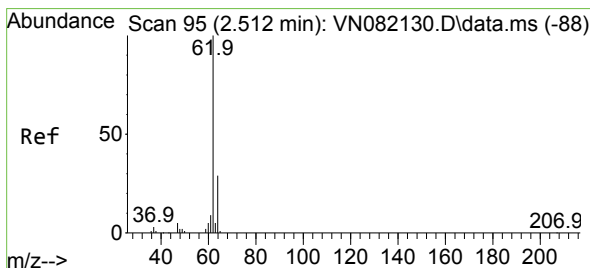
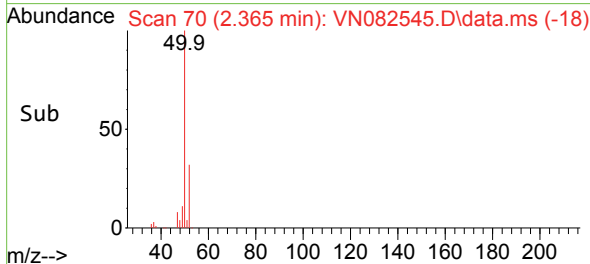
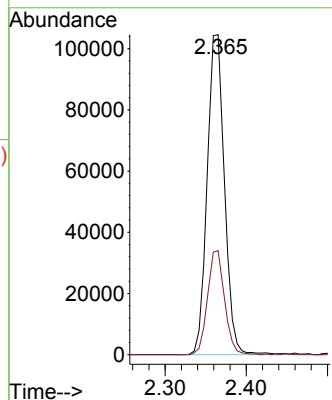
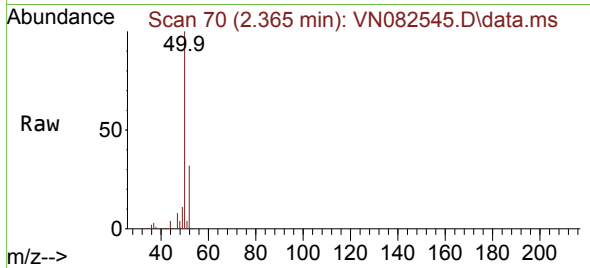




#3
Chloromethane
Concen: 53.456 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

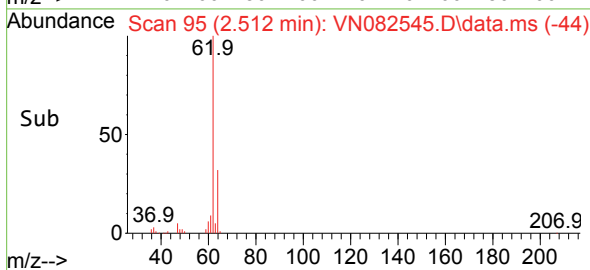
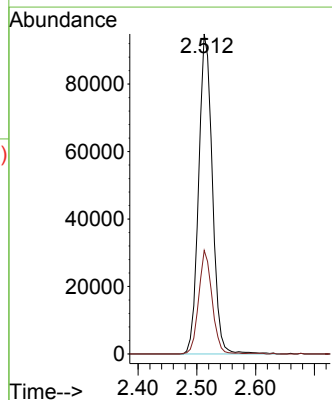
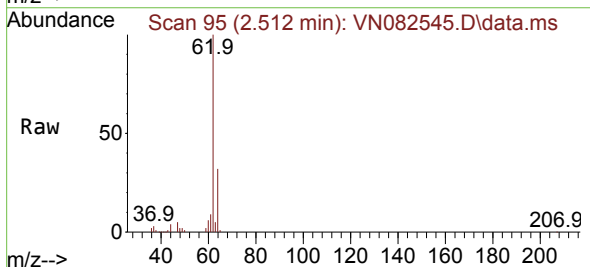
Instrument :
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ClientSampleId :
VSTDCCC050EC

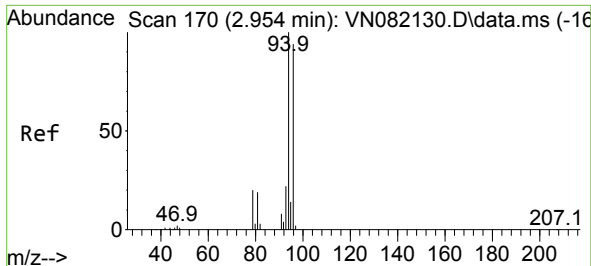
Tgt Ion: 50 Resp: 154683
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 56.525 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 62 Resp: 153767
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0

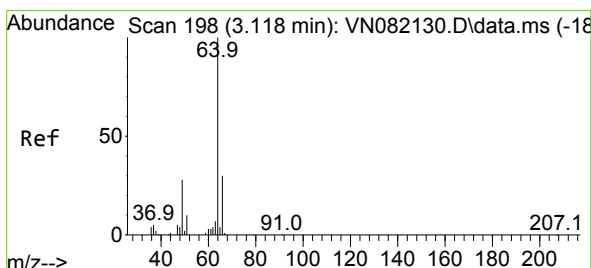
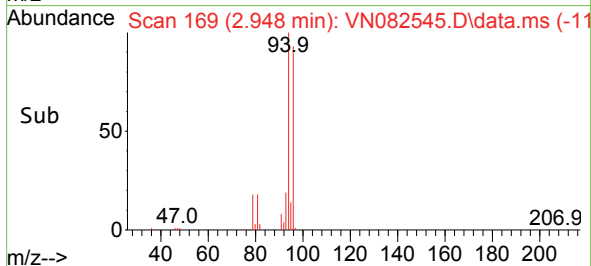
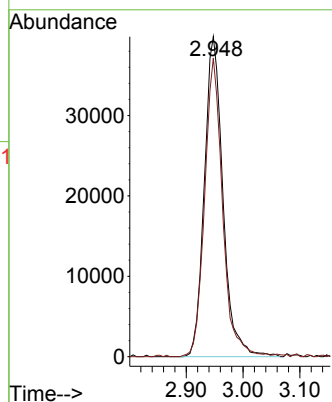
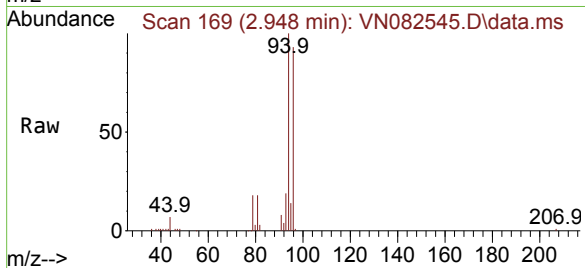




#5
Bromomethane
Concen: 57.741 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

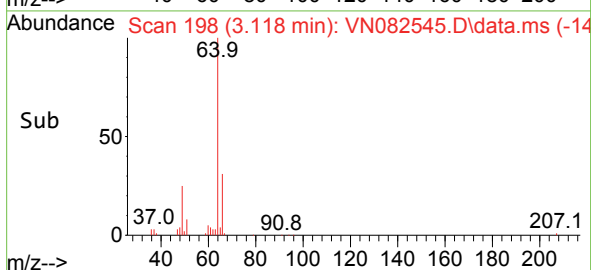
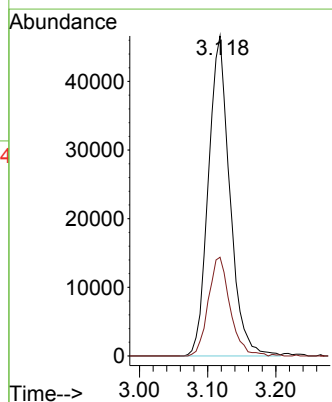
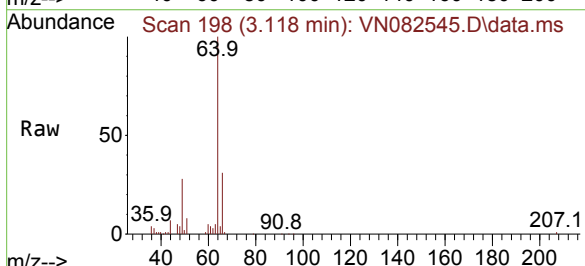
Instrument :
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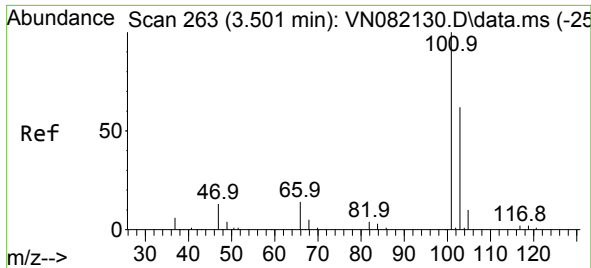
Tgt Ion: 94 Resp: 90285
Ion Ratio Lower Upper
94 100
96 93.4 74.8 112.2



#6
Chloroethane
Concen: 57.428 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 64 Resp: 102007
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1

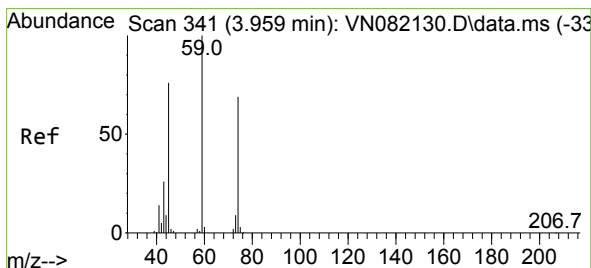
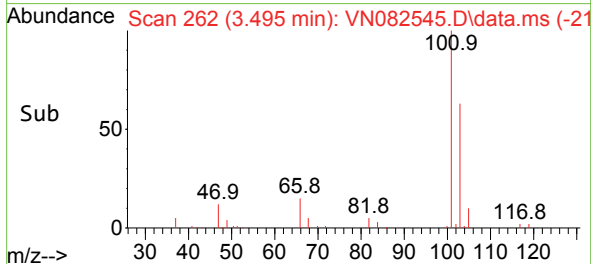
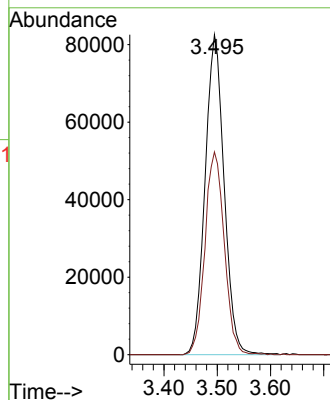
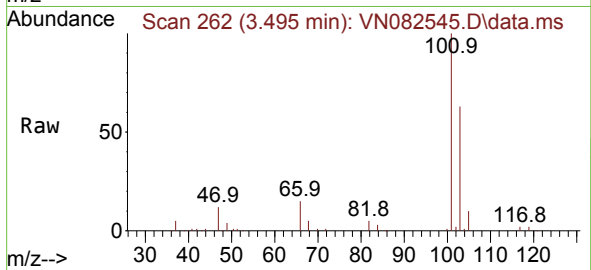




#7
Trichlorofluoromethane
Concen: 57.433 ug/l
RT: 3.495 min Scan# 204
Delta R.T. -0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

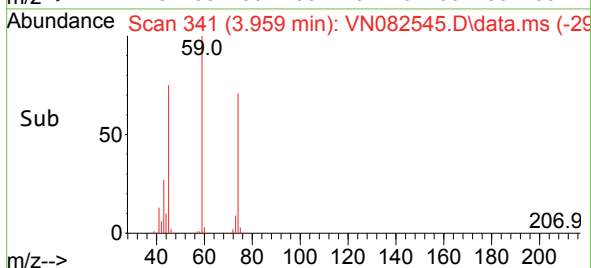
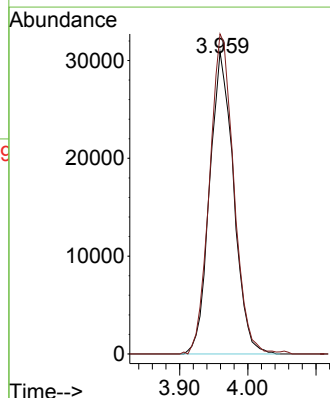
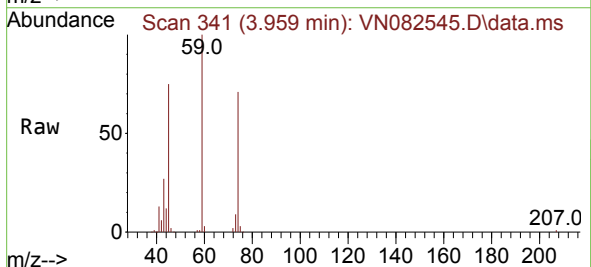
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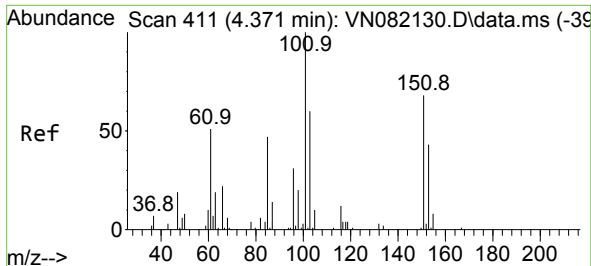
Tgt Ion:101 Resp: 204588
Ion Ratio Lower Upper
101 100
103 63.3 50.6 75.8



#8
Diethyl Ether
Concen: 59.399 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 74 Resp: 75378
Ion Ratio Lower Upper
74 100
45 107.6 42.4 127.3

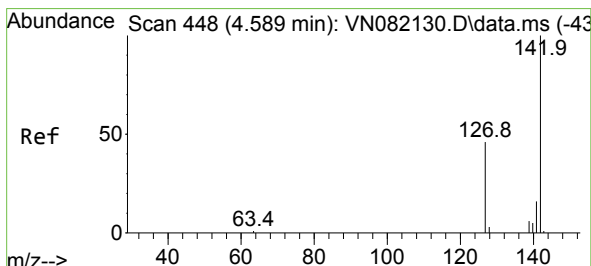
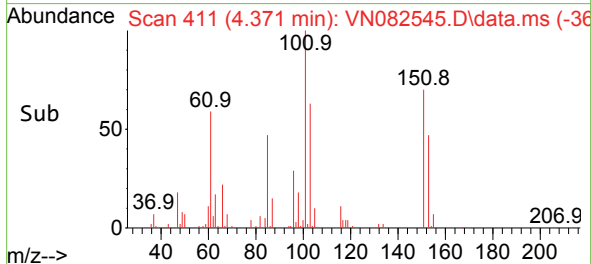
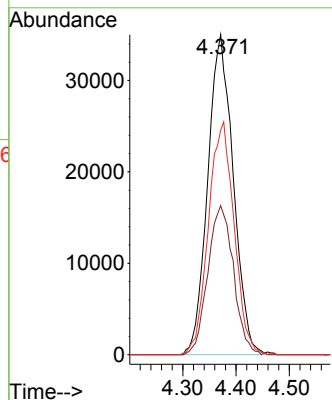
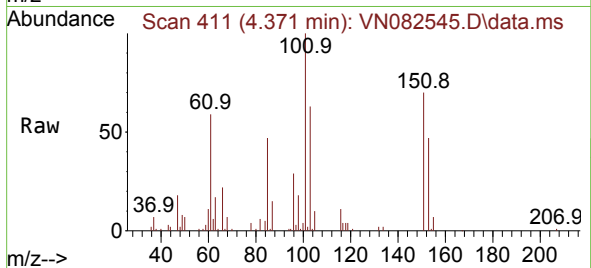




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.961 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
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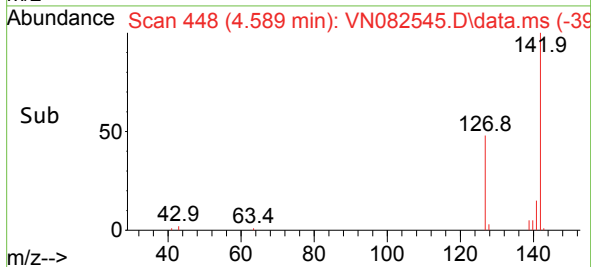
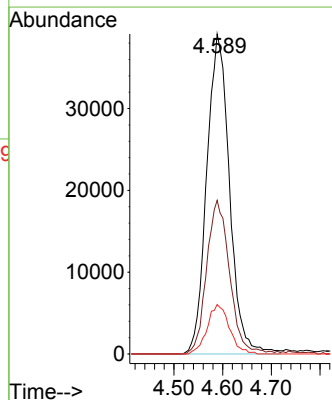
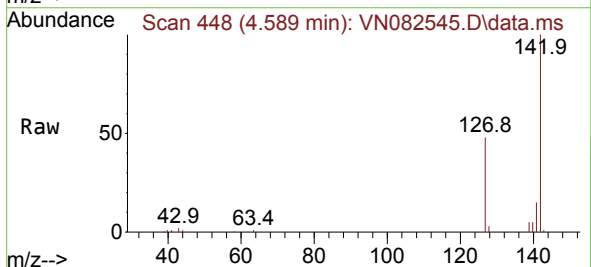
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

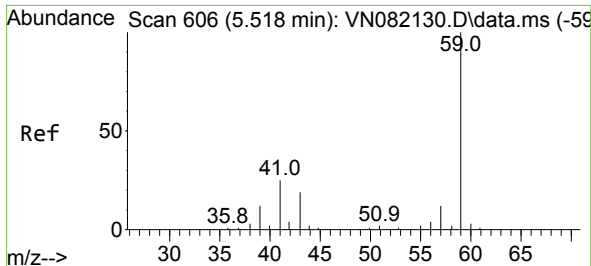
Tgt Ion:101 Resp: 116449
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 73.2 59.2 88.8



#10
Methyl Iodide
Concen: 60.670 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:142 Resp: 126916
Ion Ratio Lower Upper
142 100
127 48.0 35.8 53.6
141 15.5 11.4 17.2

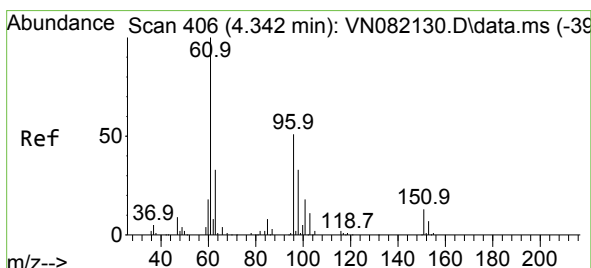
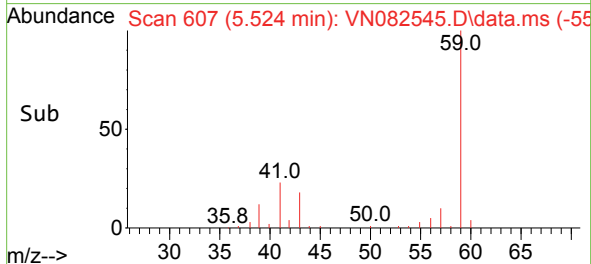
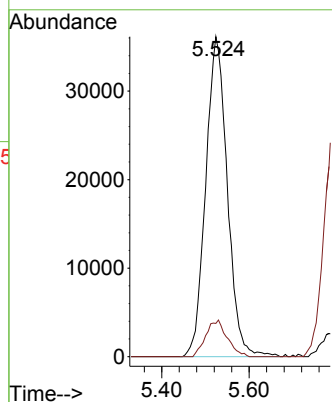
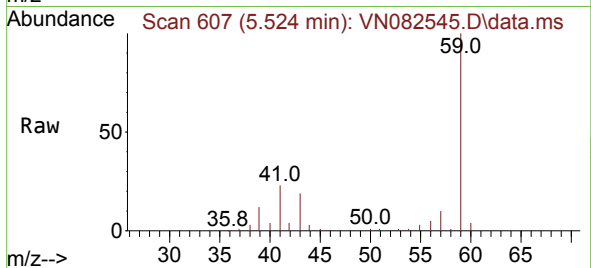




#11
Tert butyl alcohol
Concen: 276.703 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

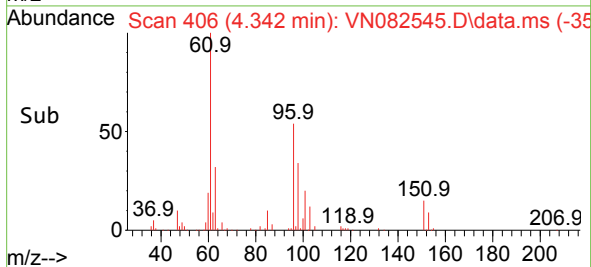
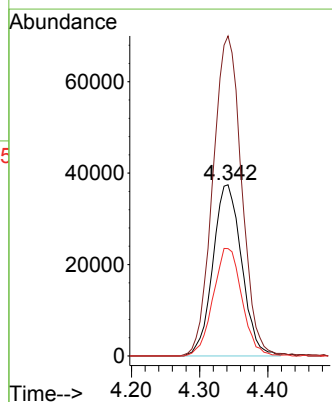
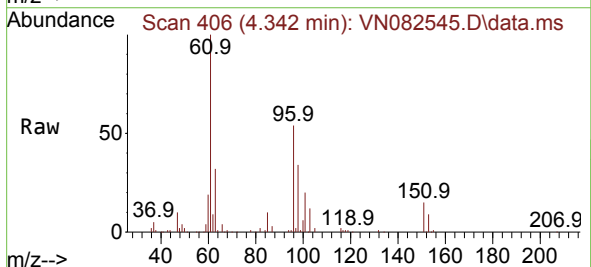
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

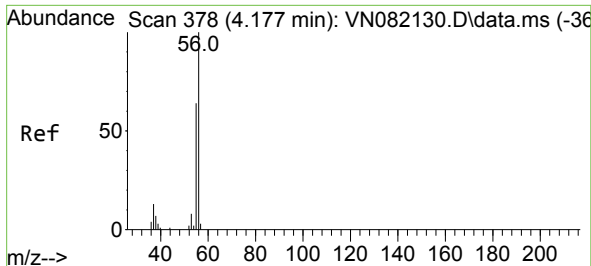
Tgt Ion: 59 Resp: 124207
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 56.813 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 96 Resp: 109883
Ion Ratio Lower Upper
96 100
61 186.8 119.7 179.5#
98 62.7 49.6 74.4





#13

Acrolein

Concen: 304.159 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

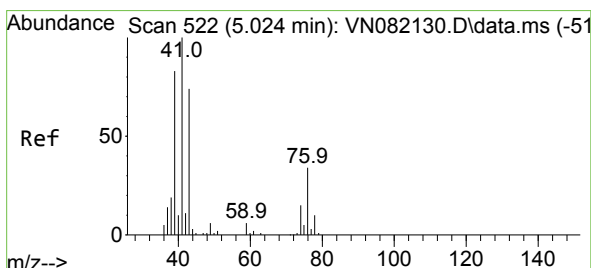
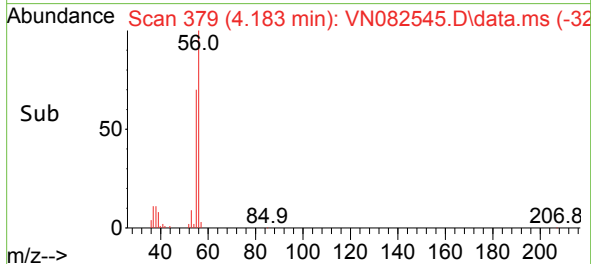
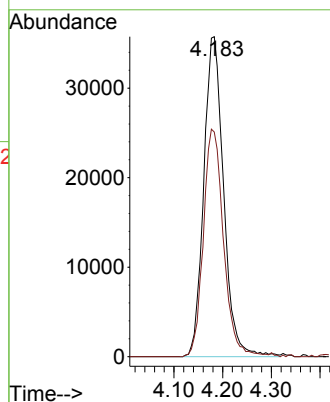
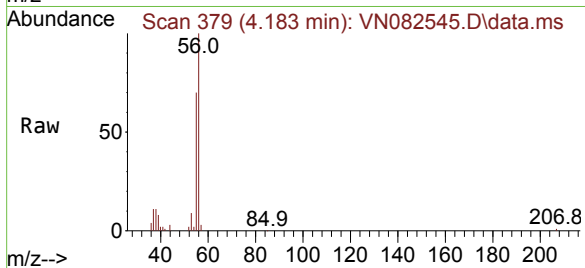
VSTDCCC050EC

Tgt Ion: 56 Resp: 101175

Ion Ratio Lower Upper

56 100

55 72.1 55.8 83.8



#14

Allyl chloride

Concen: 51.702 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

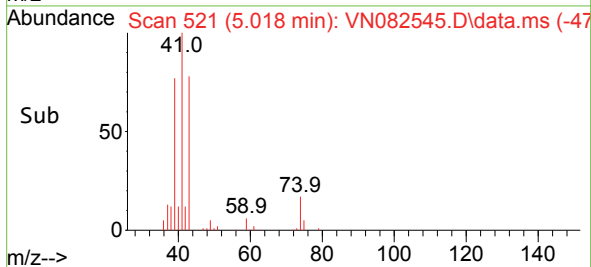
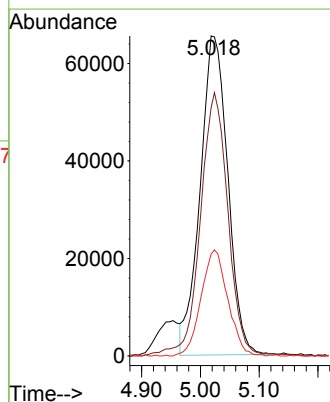
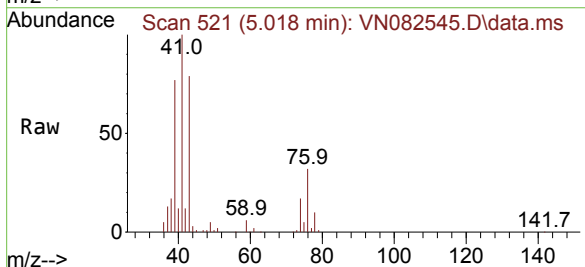
Tgt Ion: 41 Resp: 214094

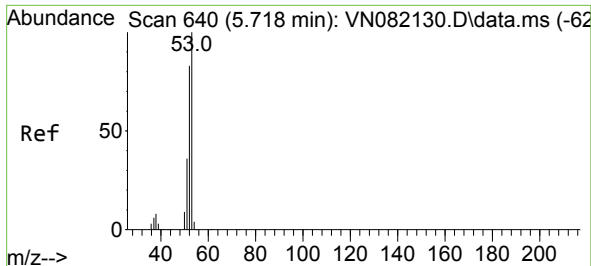
Ion Ratio Lower Upper

41 100

39 82.2 65.4 98.0

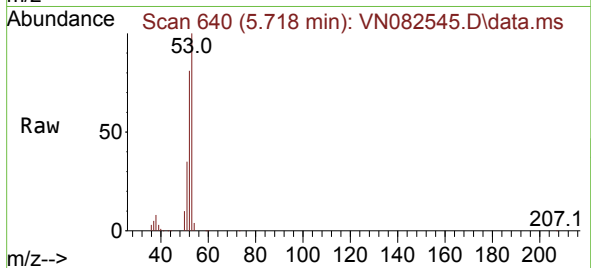
76 32.1 37.3 55.9#



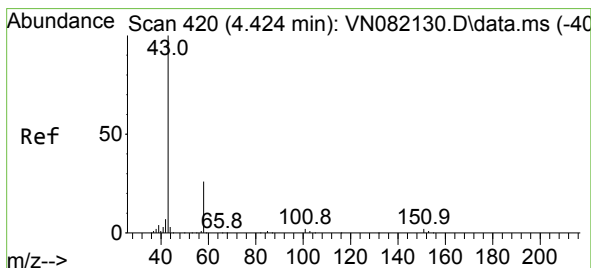
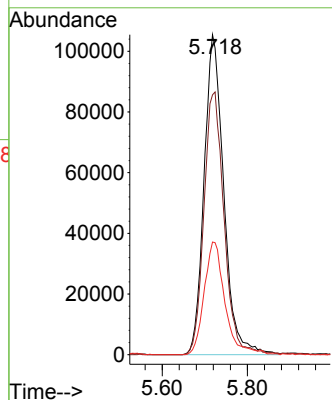
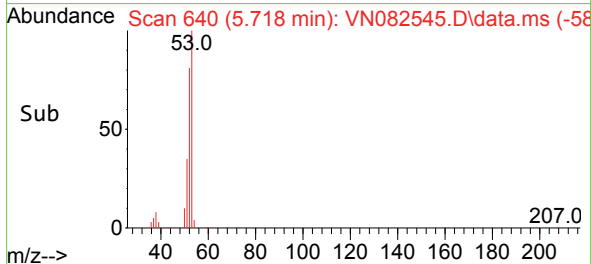


#15
Acrylonitrile
Concen: 291.158 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

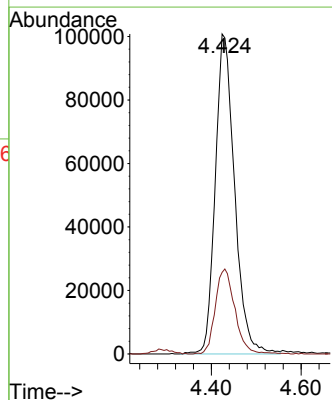
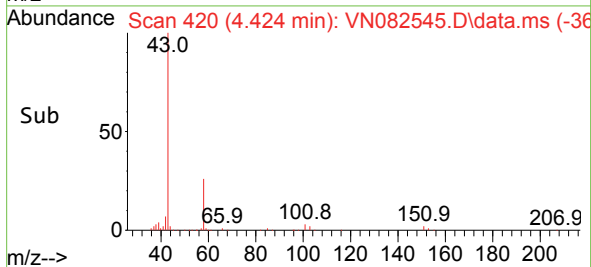
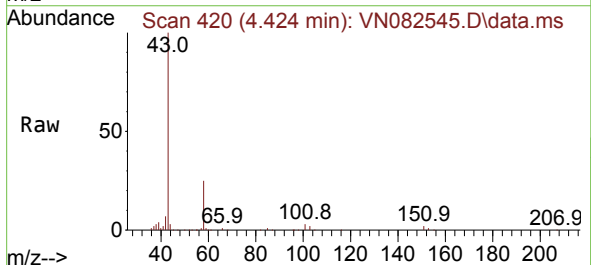


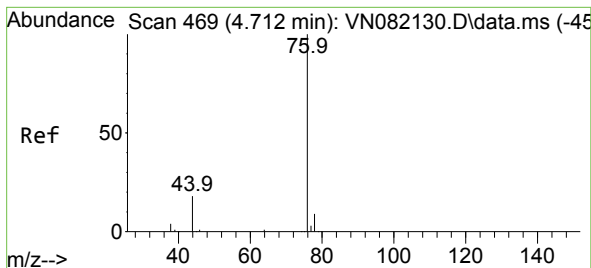
Tgt Ion: 53 Resp: 338487
Ion Ratio Lower Upper
53 100
52 83.8 66.1 99.1
51 37.2 29.4 44.2



#16
Acetone
Concen: 262.922 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 43 Resp: 301606
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8





#17

Carbon Disulfide

Concen: 51.589 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

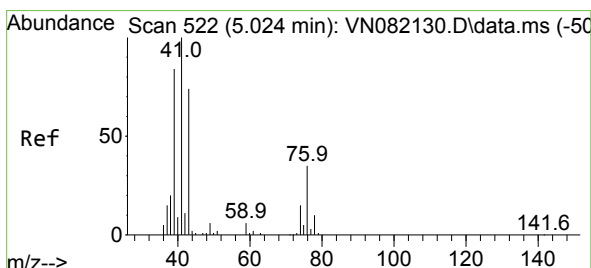
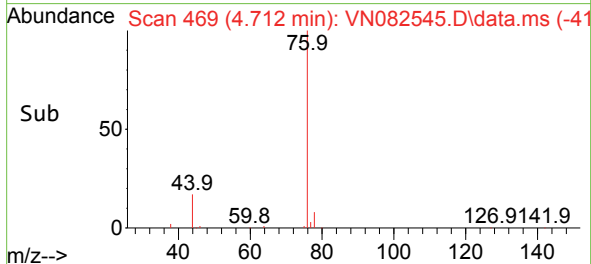
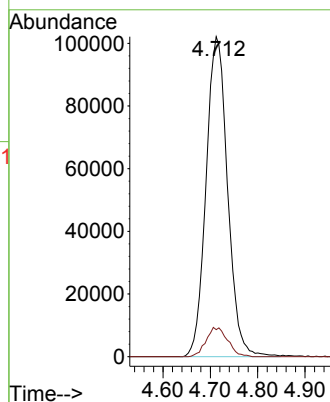
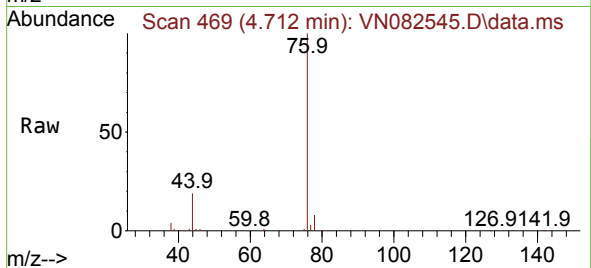
VSTDCCC050EC

Tgt Ion: 76 Resp: 322265

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



#18

Methyl Acetate

Concen: 61.955 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082545.D

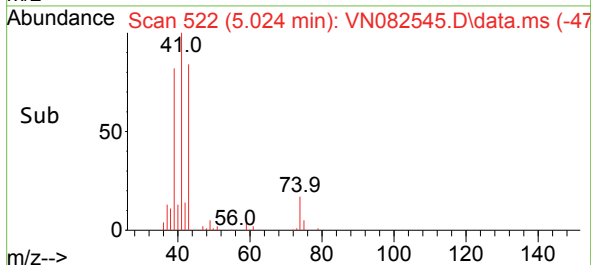
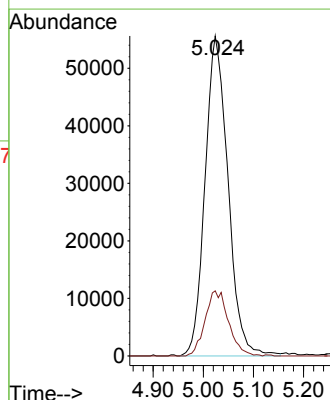
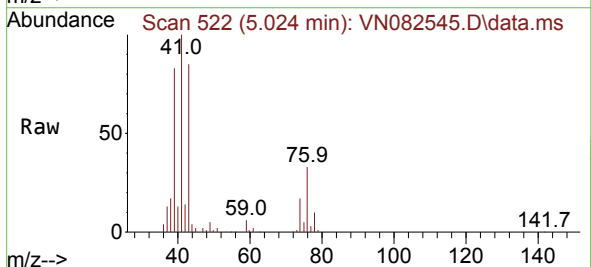
Acq: 12 Jun 2024 21:49

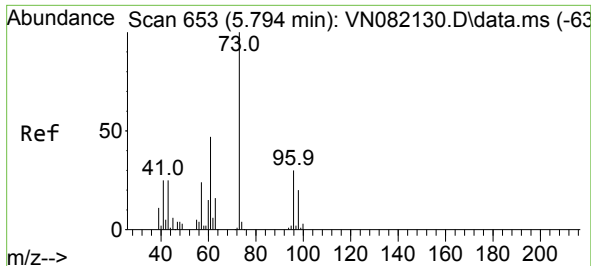
Tgt Ion: 43 Resp: 176993

Ion Ratio Lower Upper

43 100

74 20.8 22.2 33.2#

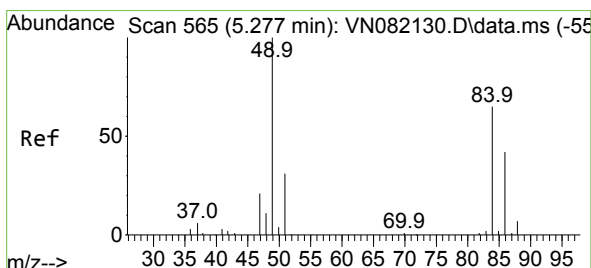
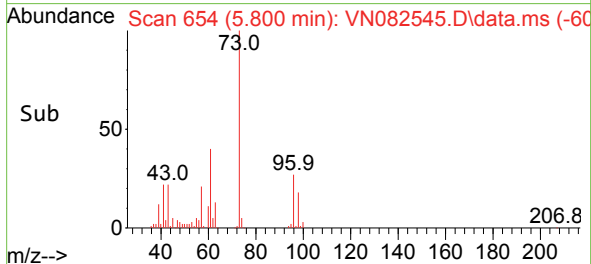
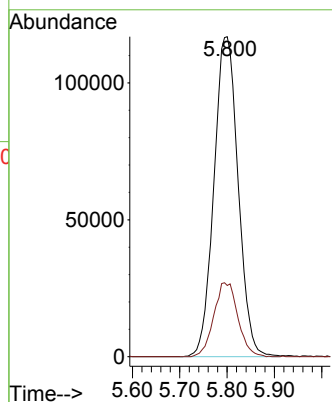
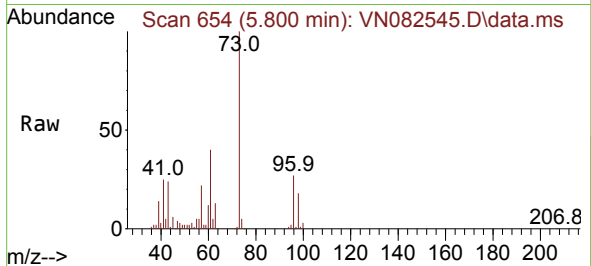




#19
Methyl tert-butyl Ether
Concen: 58.636 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

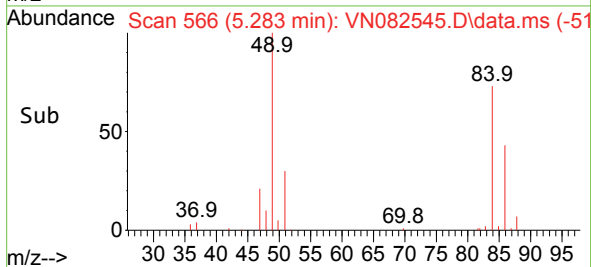
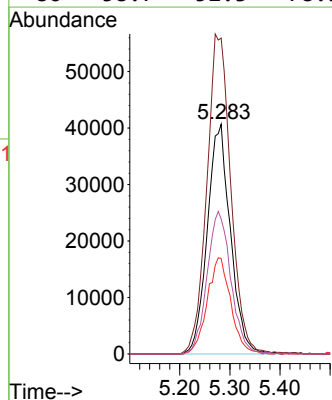
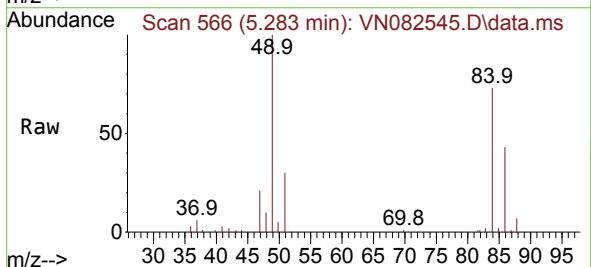
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

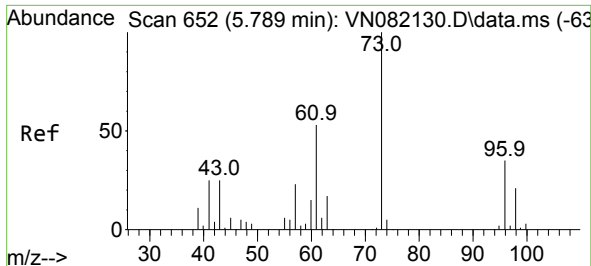
Tgt Ion: 73 Resp: 414532
Ion Ratio Lower Upper
73 100
57 22.3 16.5 24.7



#20
Methylene Chloride
Concen: 56.363 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 84 Resp: 130449
Ion Ratio Lower Upper
84 100
49 137.5 84.9 127.3#
51 41.6 27.0 40.6#
86 58.7 52.3 78.5

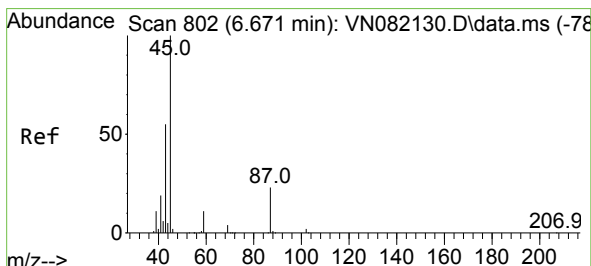
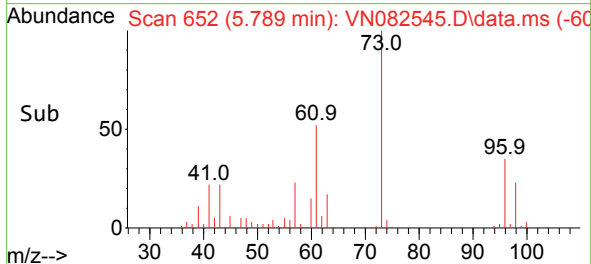
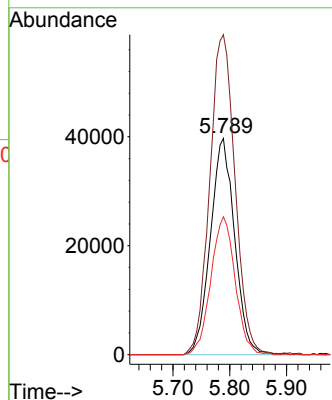
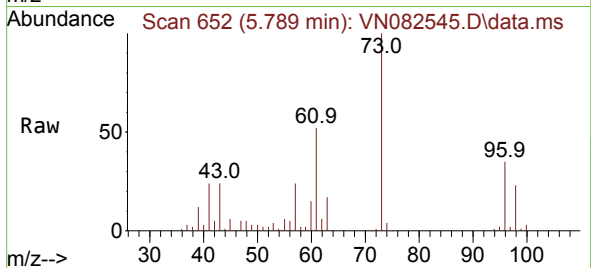




#21
trans-1,2-Dichloroethene
Concen: 55.913 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

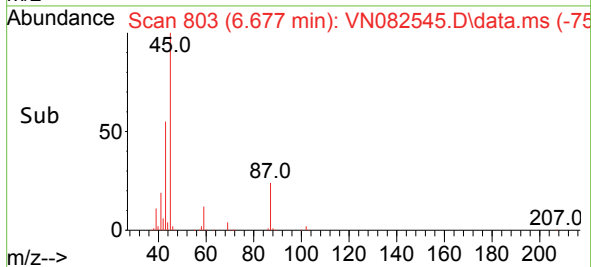
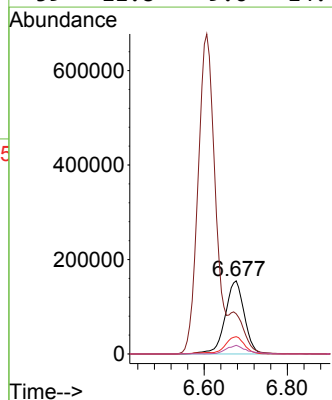
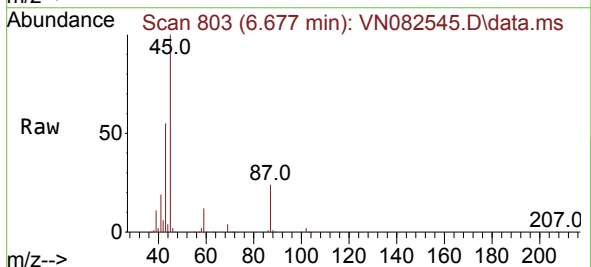
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

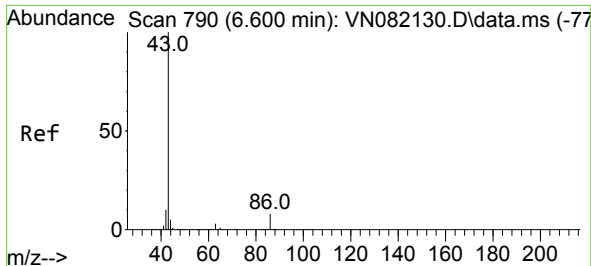
Tgt Ion: 96 Resp: 117848
Ion Ratio Lower Upper
96 100
61 147.9 96.5 144.7#
98 63.7 51.3 76.9



#22
Diisopropyl ether
Concen: 57.145 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 45 Resp: 494116
Ion Ratio Lower Upper
45 100
43 54.1 44.1 66.1
87 23.6 27.0 40.6#
59 11.8 9.6 14.4

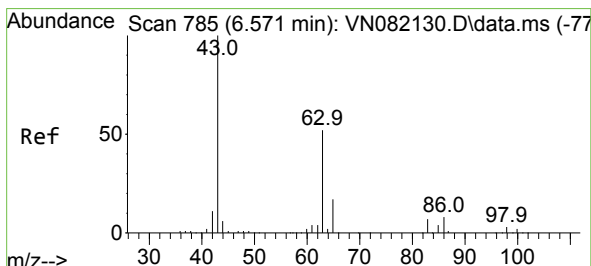
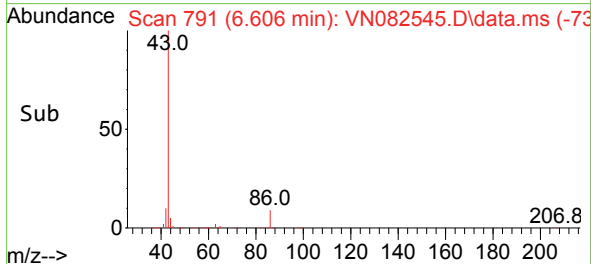
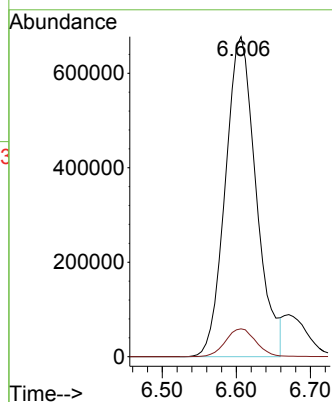
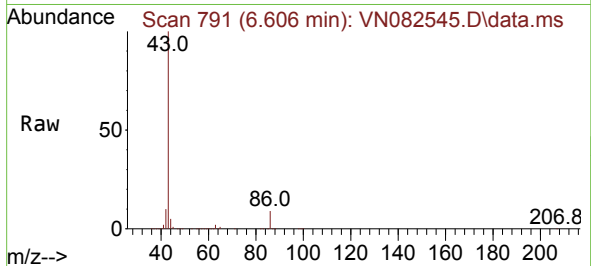




#23
 Vinyl Acetate
 Concen: 286.469 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

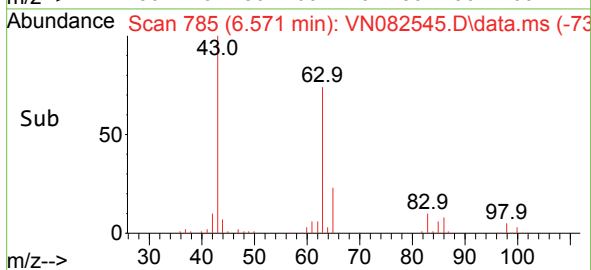
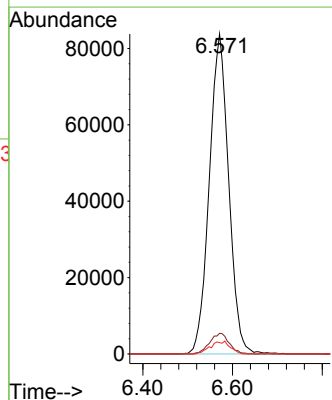
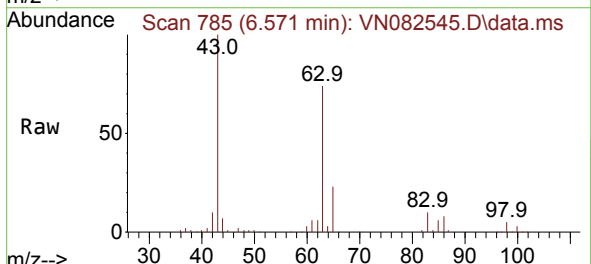
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

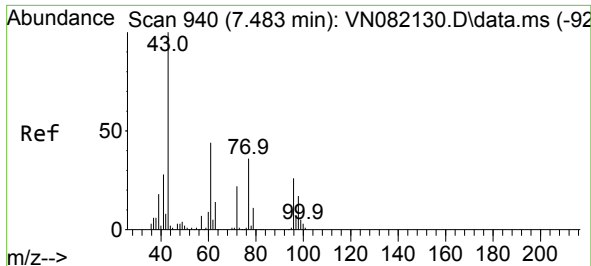
Tgt Ion: 43 Resp: 1952955
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 56.381 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

Tgt Ion: 63 Resp: 251279
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.5 2.6 7.8

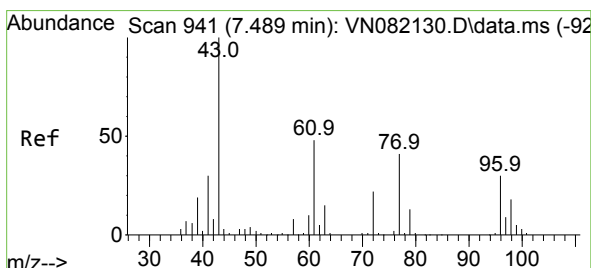
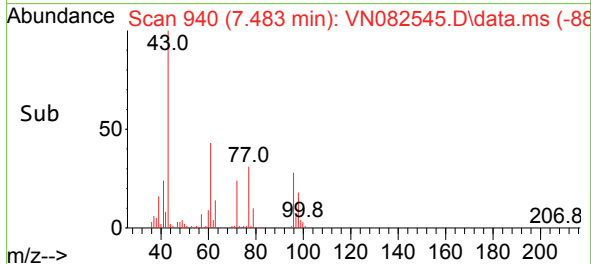
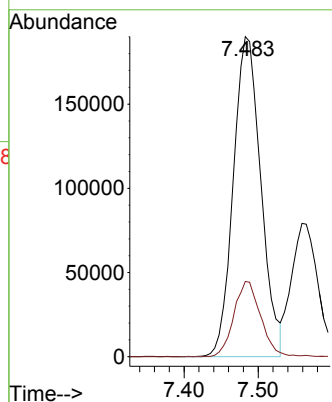
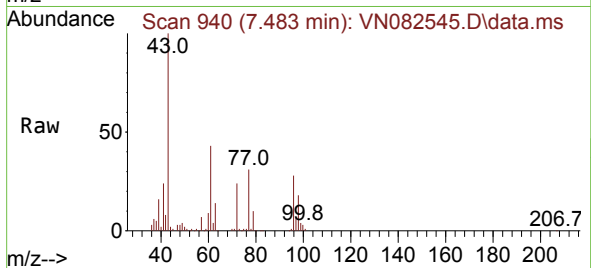




#25
2-Butanone
Concen: 282.562 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

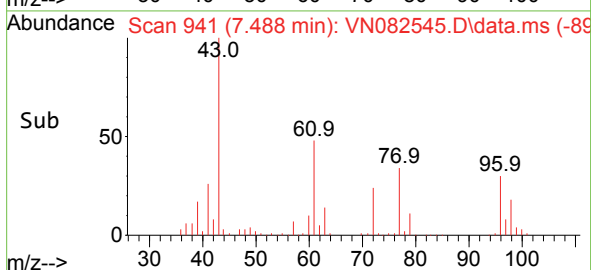
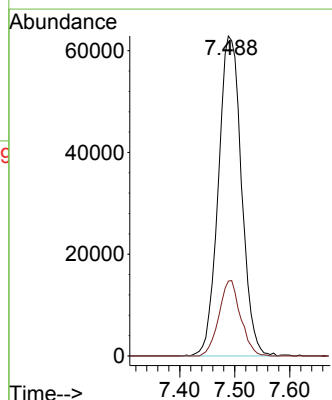
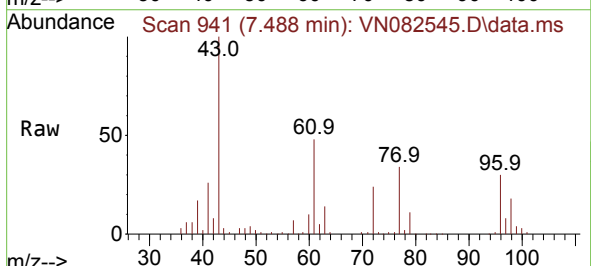
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

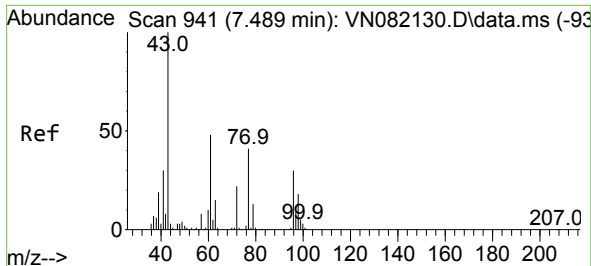
Tgt Ion: 43 Resp: 491440
Ion Ratio Lower Upper
43 100
72 23.5 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 49.246 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 77 Resp: 183835
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9

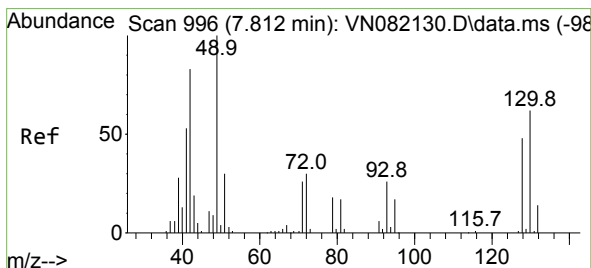
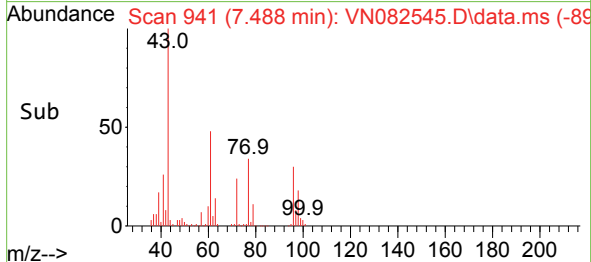
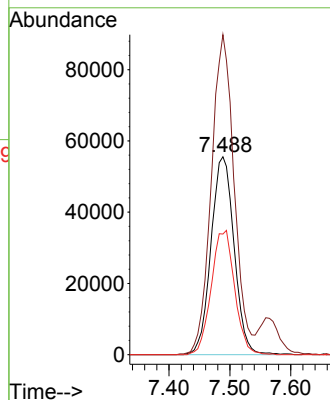
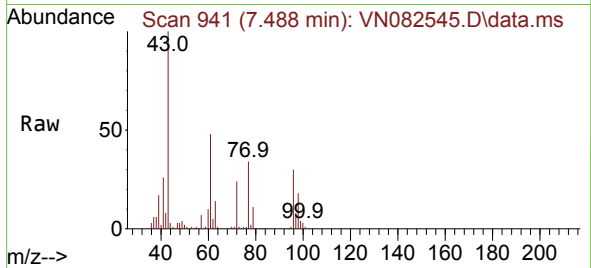




#27
 cis-1,2-Dichloroethene
 Concen: 58.876 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

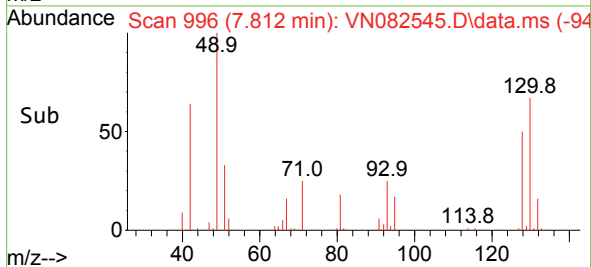
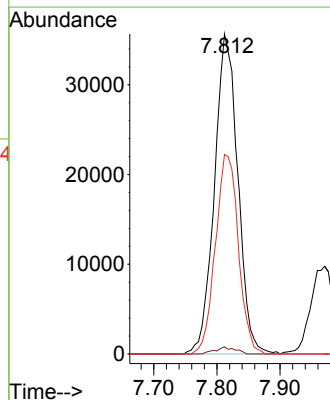
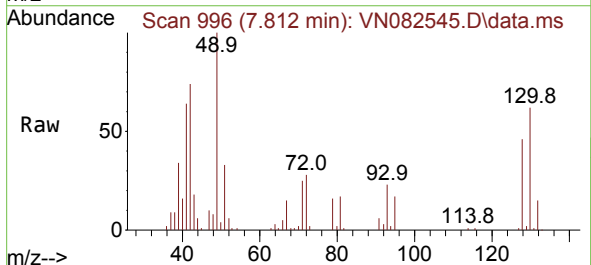
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

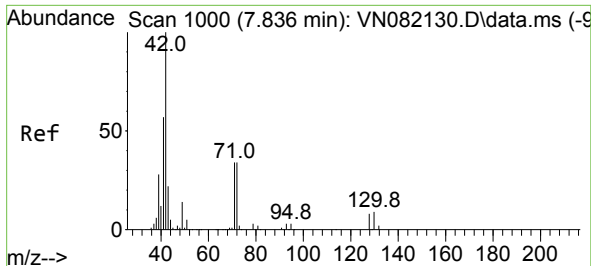
Tgt Ion: 96 Resp: 146447
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 268.0
 98 63.6 0.0 126.8



#28
 Bromochloromethane
 Concen: 47.291 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

Tgt Ion: 49 Resp: 91833
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 61.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 295.853 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

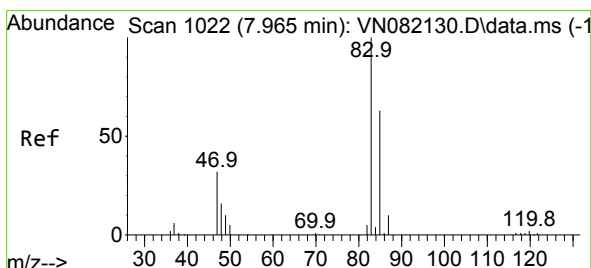
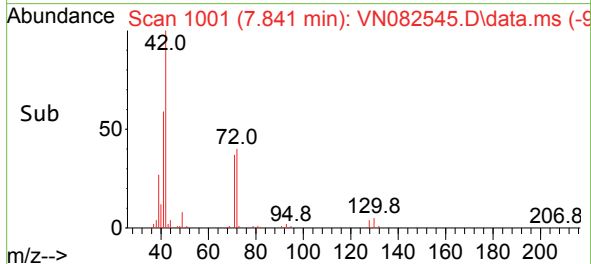
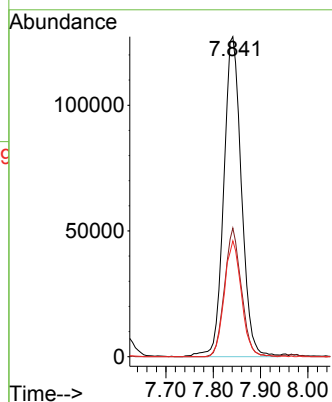
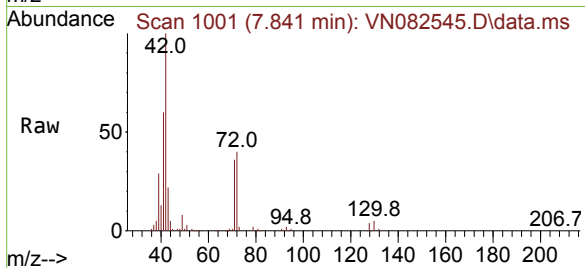
Tgt Ion: 42 Resp: 330374

Ion Ratio Lower Upper

42 100

72 38.1 39.3 58.9#

71 35.0 37.4 56.0#



#30

Chloroform

Concen: 58.591 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082545.D

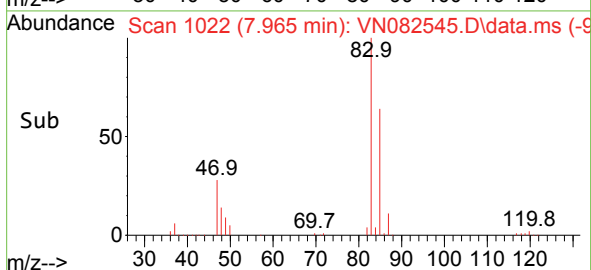
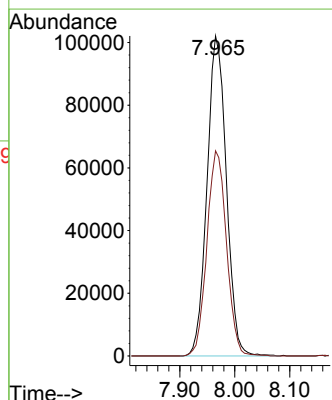
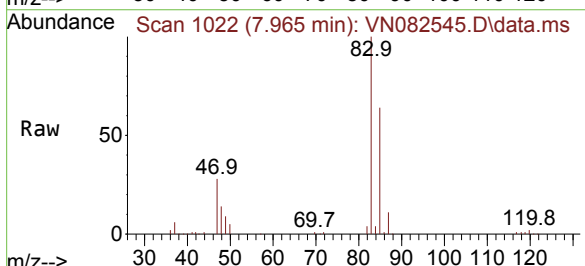
Acq: 12 Jun 2024 21:49

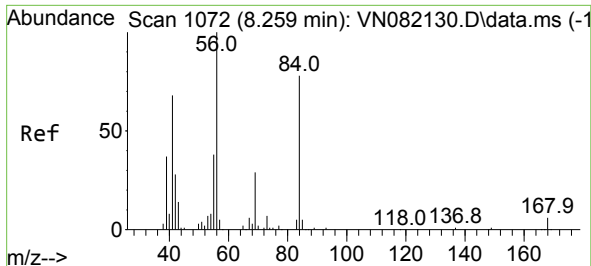
Tgt Ion: 83 Resp: 249365

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1

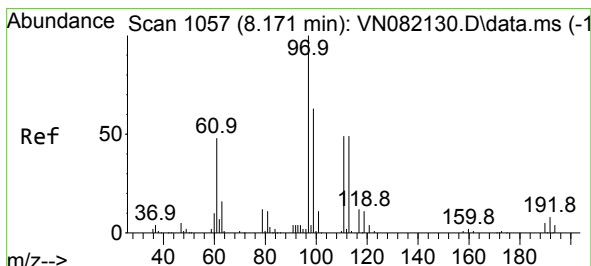
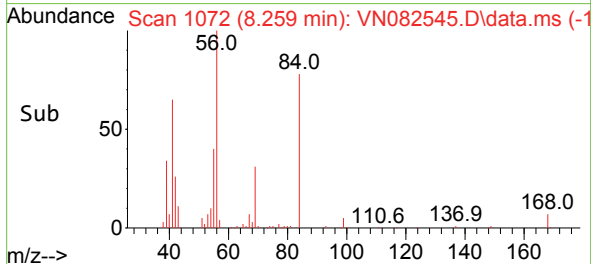
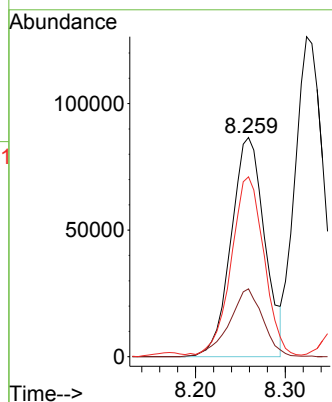
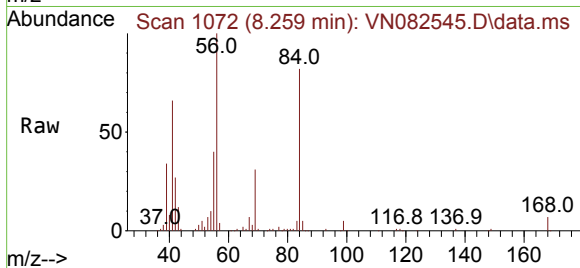




#31
Cyclohexane
Concen: 50.363 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

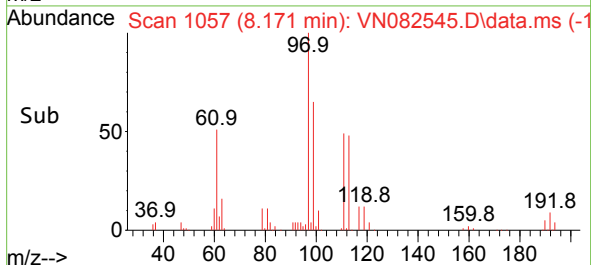
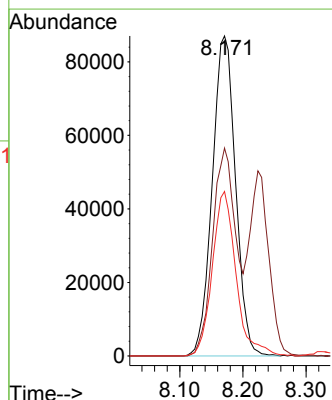
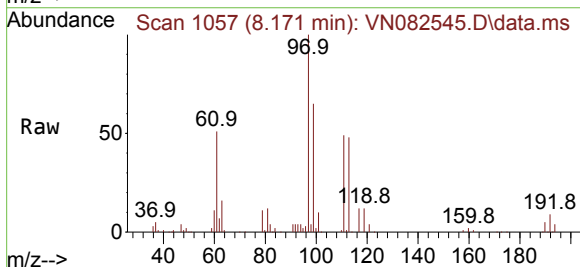
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

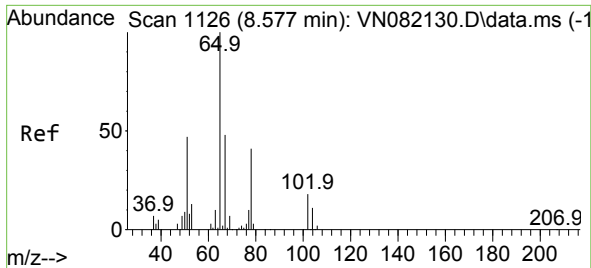
Tgt Ion: 56 Resp: 224933
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 80.6 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 59.031 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 97 Resp: 222888
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 52.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.603 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

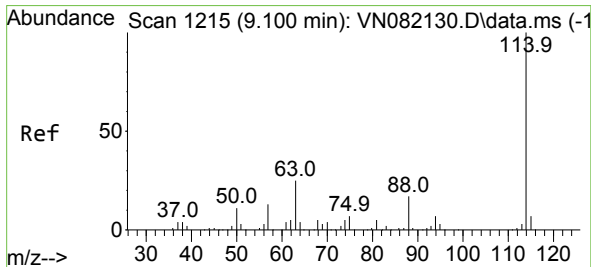
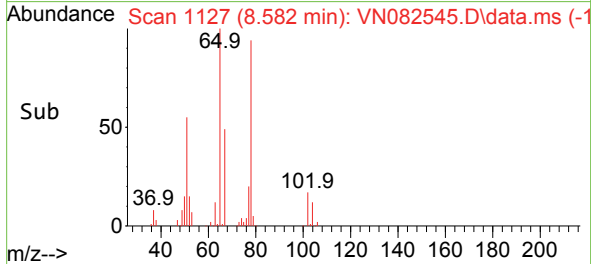
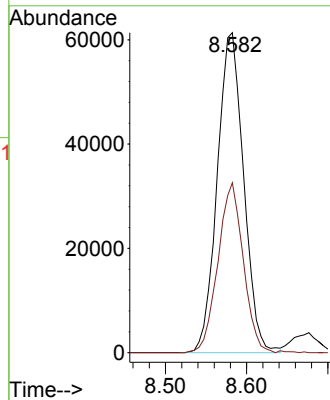
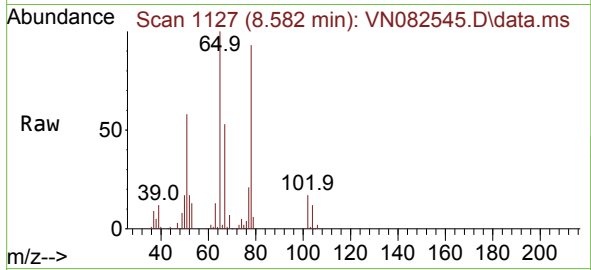
VSTDCCC050EC

Tgt Ion: 65 Resp: 138709

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

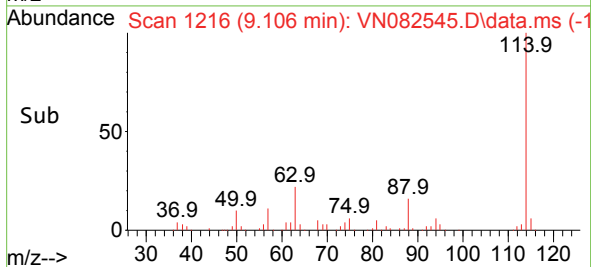
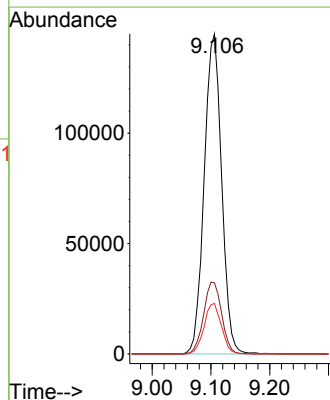
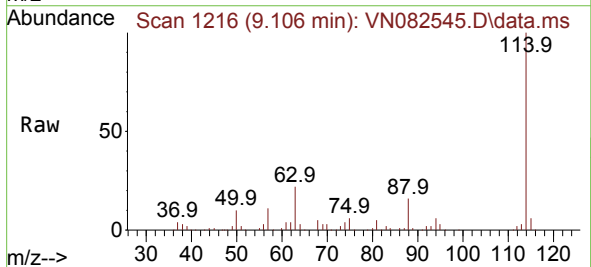
Tgt Ion: 114 Resp: 297943

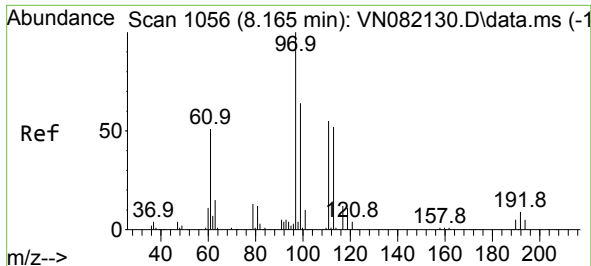
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 15.8 0.0 31.4

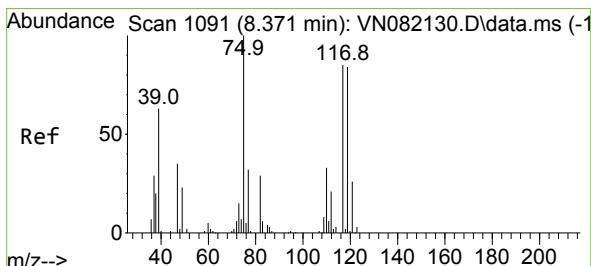
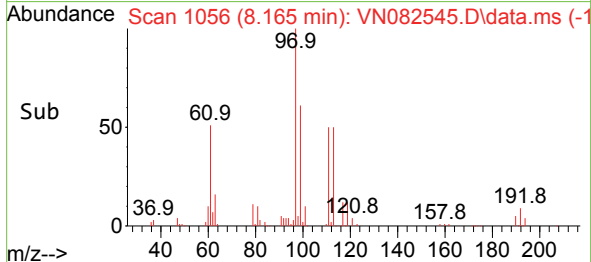
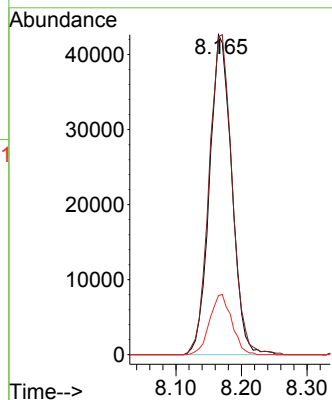
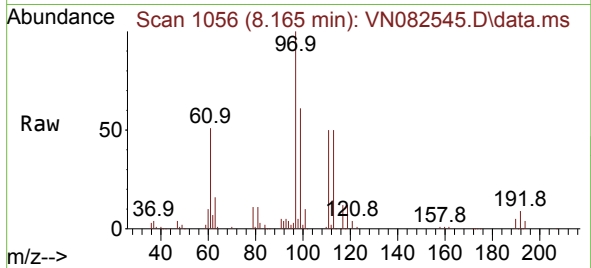




#35
Dibromofluoromethane
Concen: 54.705 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

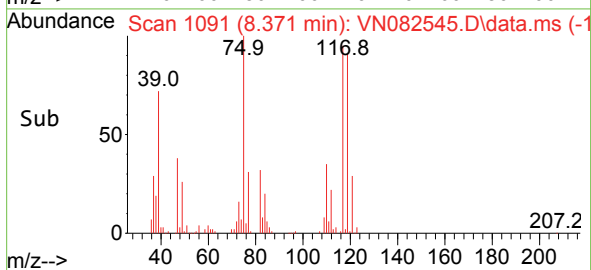
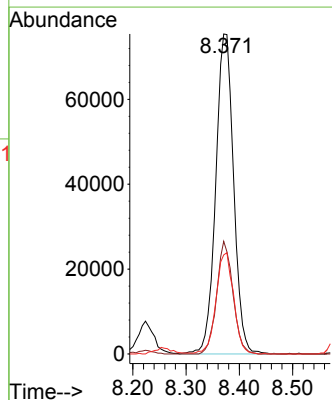
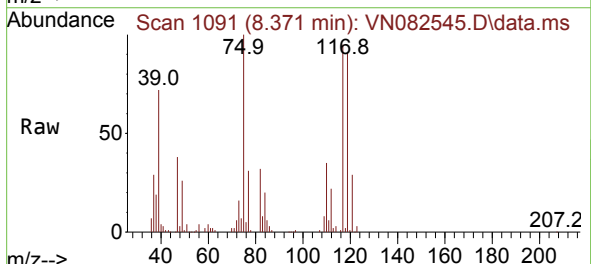
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

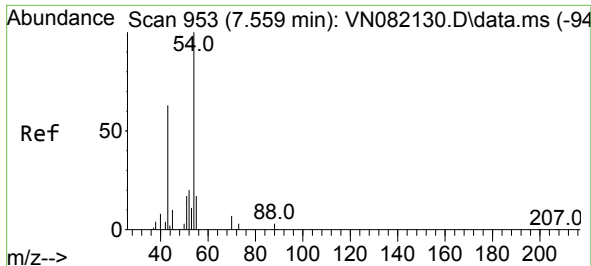
Tgt Ion:113 Resp: 100263
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 18.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 57.320 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 75 Resp: 176196
Ion Ratio Lower Upper
75 100
110 32.0 17.8 53.5
77 31.0 25.0 37.4

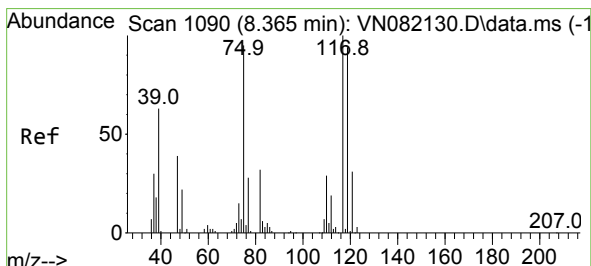
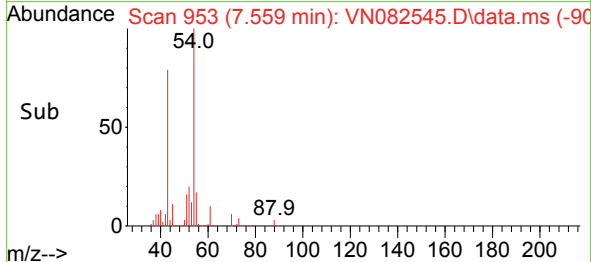
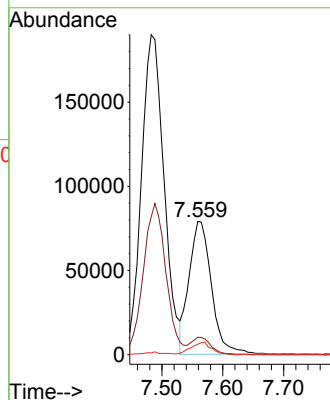
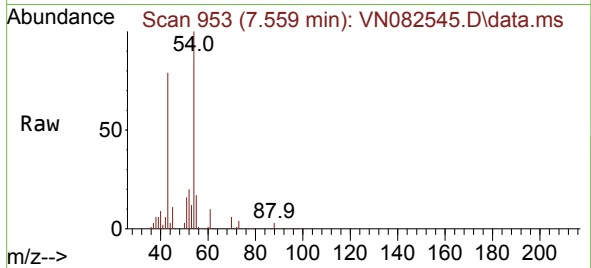




#37
Ethyl Acetate
Concen: 58.756 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

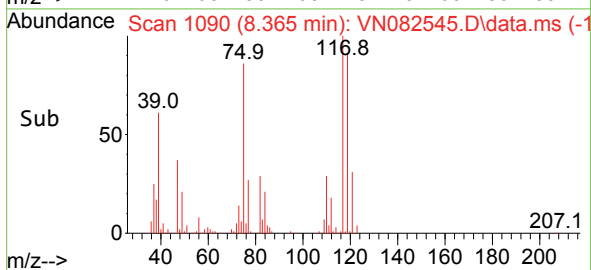
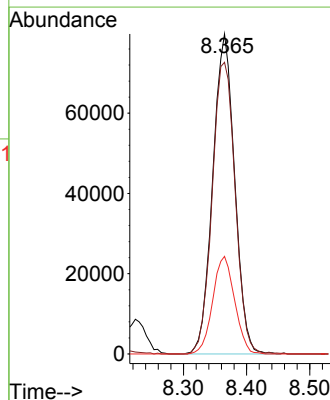
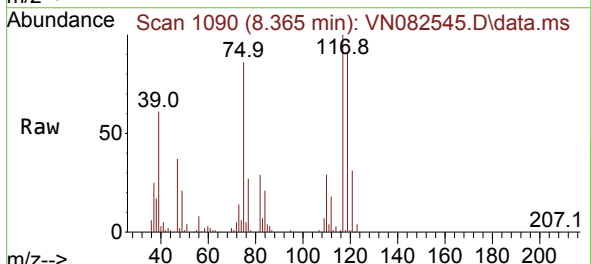
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

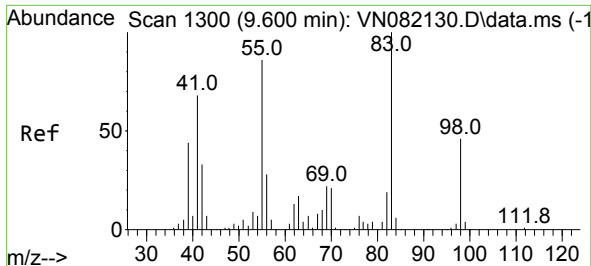
Tgt Ion: 43 Resp: 202127
Ion Ratio Lower Upper
43 100
61 11.5 11.3 16.9
70 8.5 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 61.641 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 117 Resp: 192075
Ion Ratio Lower Upper
117 100
119 91.2 76.5 114.7
121 30.5 23.9 35.9

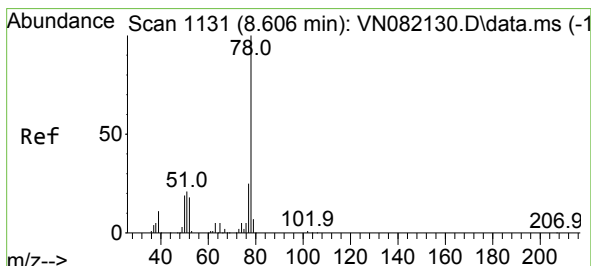
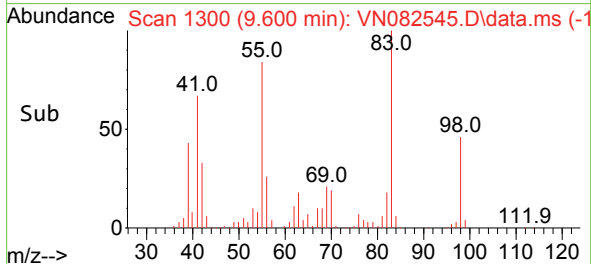
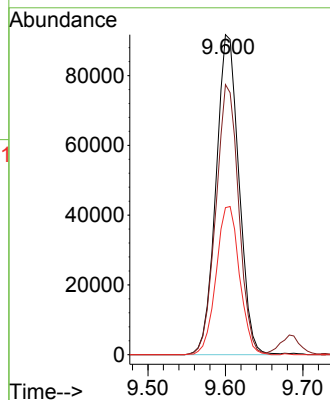
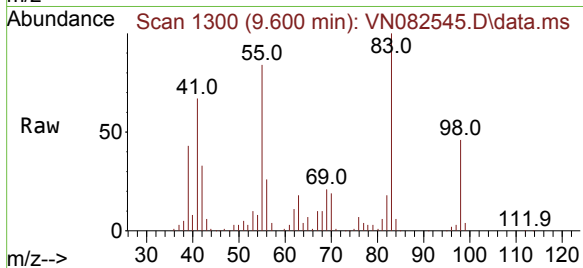




#39
Methylcyclohexane
Concen: 56.063 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

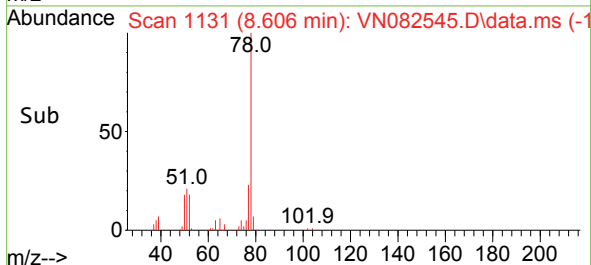
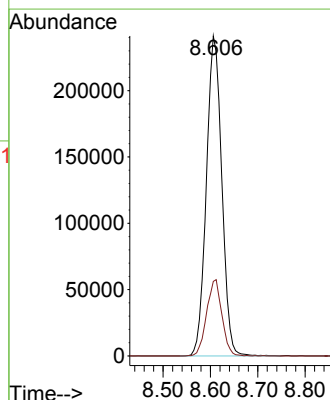
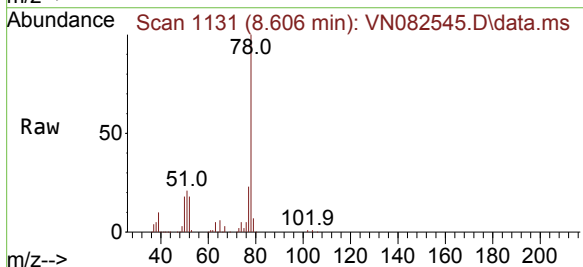
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

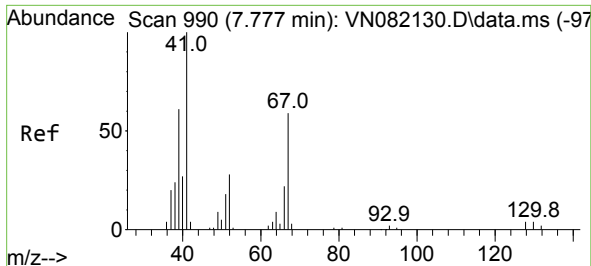
Tgt Ion: 83 Resp: 188899
Ion Ratio Lower Upper
83 100
55 84.4 53.0 79.6#
98 45.9 37.1 55.7



#40
Benzene
Concen: 59.519 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 78 Resp: 545574
Ion Ratio Lower Upper
78 100
77 23.3 20.0 30.0



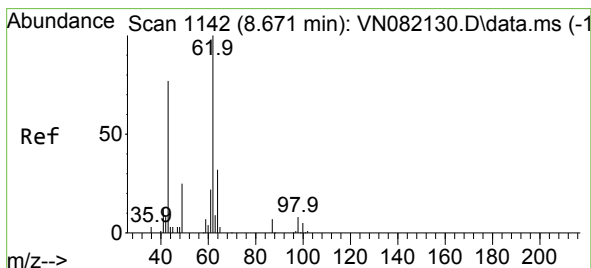
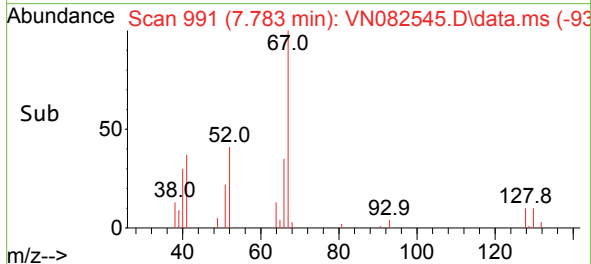
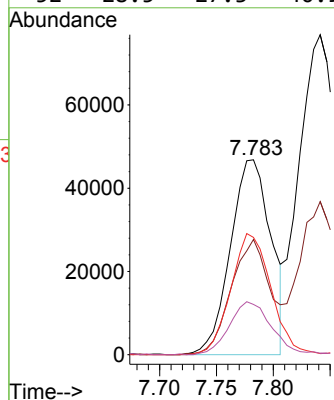
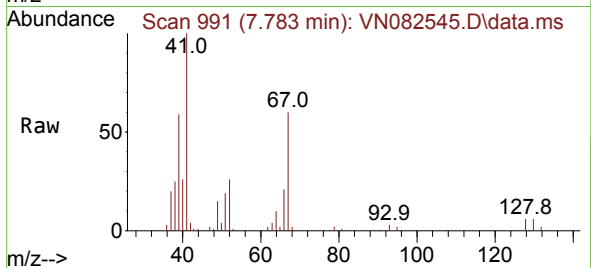


#41
Methacrylonitrile
Concen: 57.469 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 116269

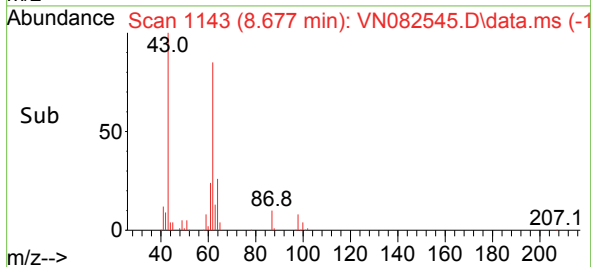
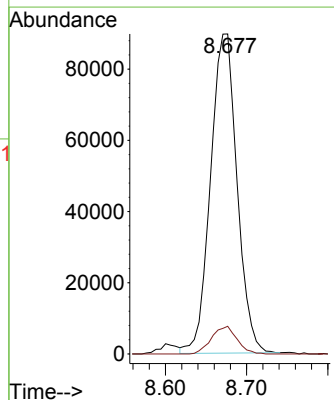
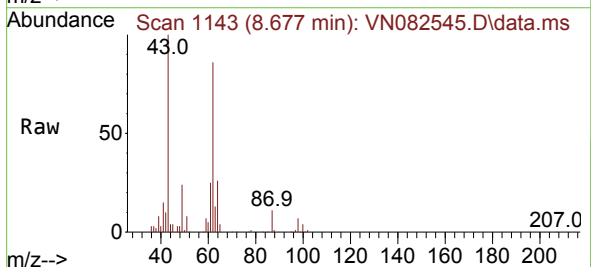
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	61.5	67.3	100.9
52	28.5	27.3	40.9

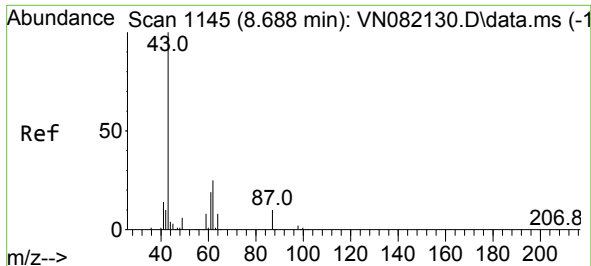


#42
1,2-Dichloroethane
Concen: 57.787 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 62 Resp: 203722

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.6

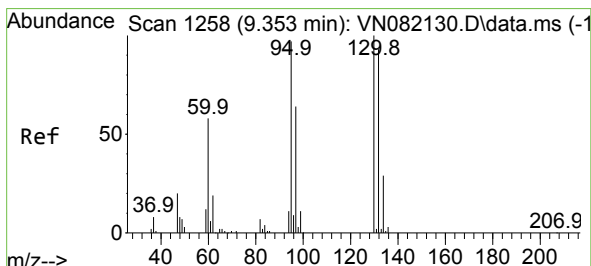
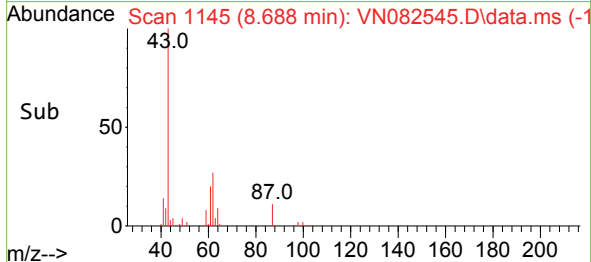
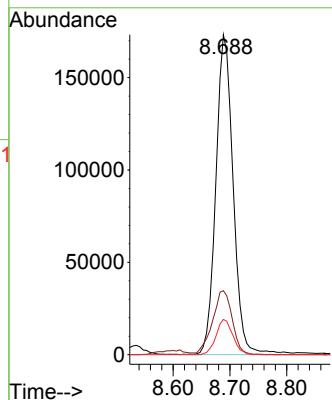
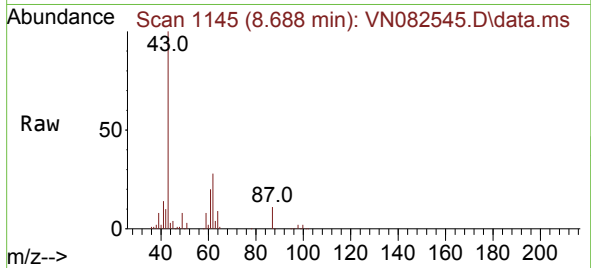




#43
Isopropyl Acetate
Concen: 60.199 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

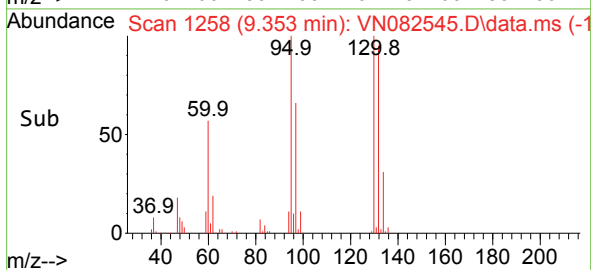
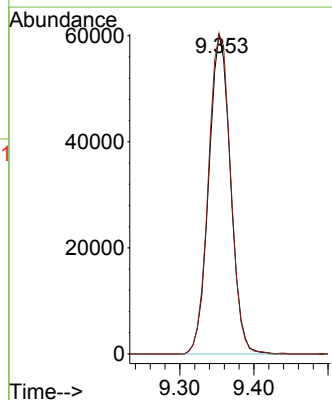
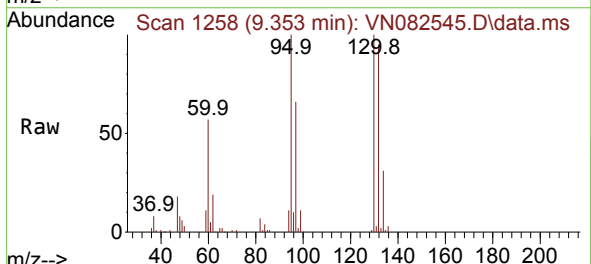
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

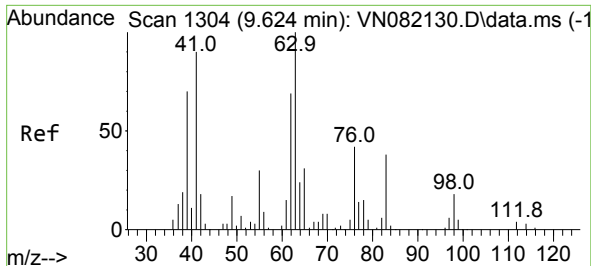
Tgt Ion: 43 Resp: 366948
Ion Ratio Lower Upper
43 100
61 22.9 22.8 34.2
87 10.7 12.0 18.0#



#44
Trichloroethene
Concen: 58.958 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:130 Resp: 122762
Ion Ratio Lower Upper
130 100
95 99.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 59.107 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

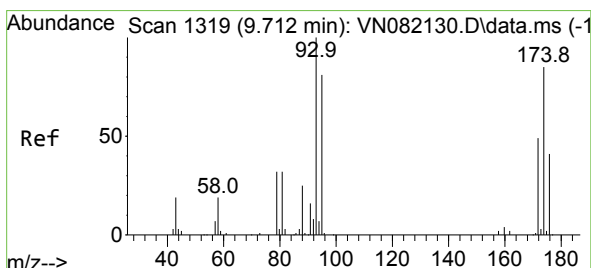
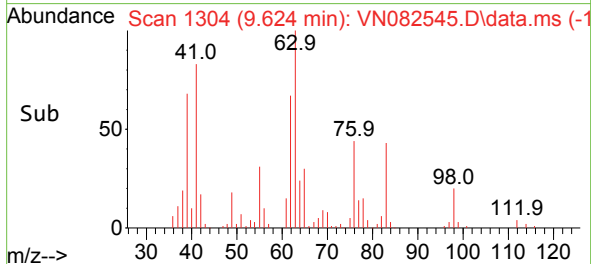
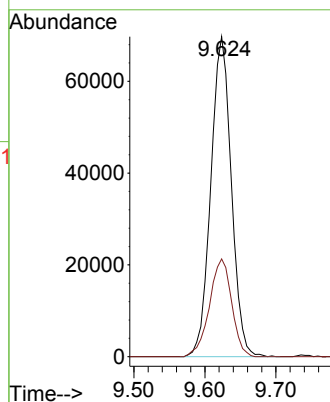
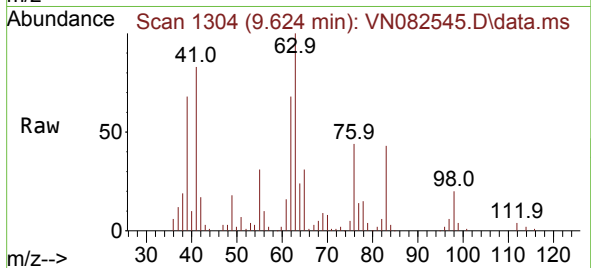
VSTDCCC050EC

Tgt Ion: 63 Resp: 139792

Ion Ratio Lower Upper

63 100

65 30.6 24.1 36.1



#46

Dibromomethane

Concen: 60.391 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

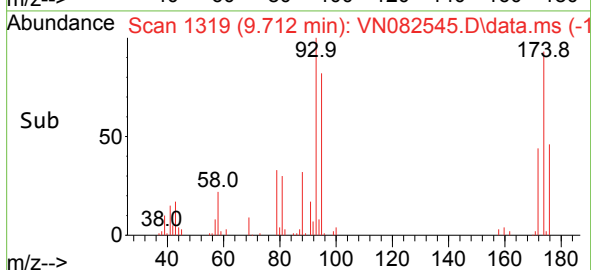
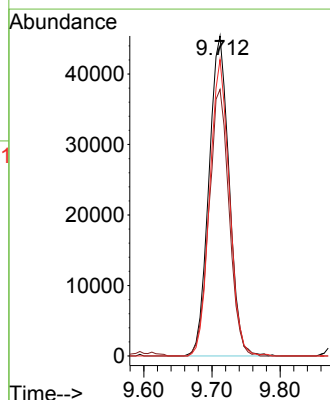
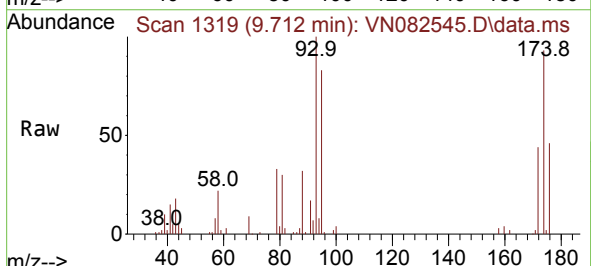
Tgt Ion: 93 Resp: 93770

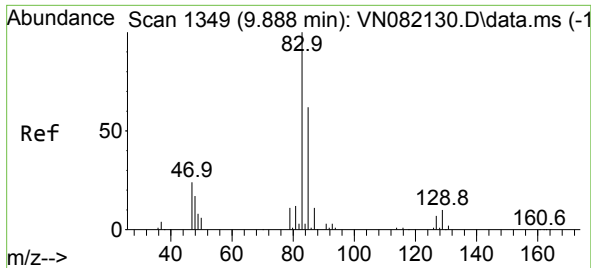
Ion Ratio Lower Upper

93 100

95 82.8 64.8 97.2

174 89.7 73.4 110.0

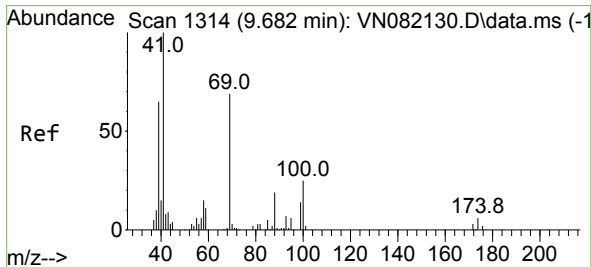
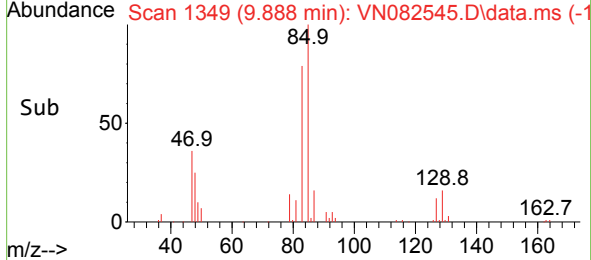
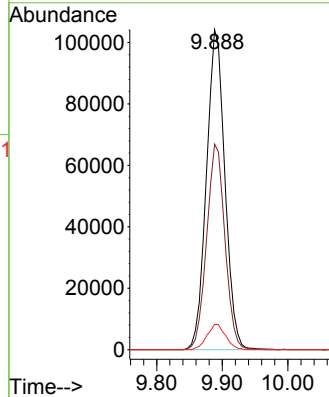
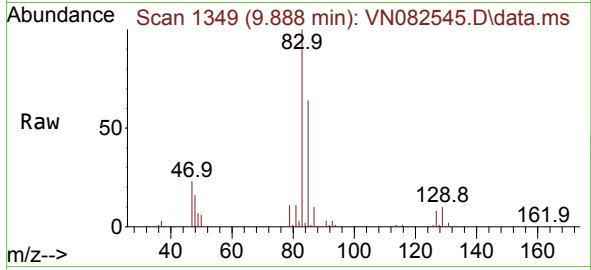




#47
Bromodichloromethane
Concen: 62.182 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

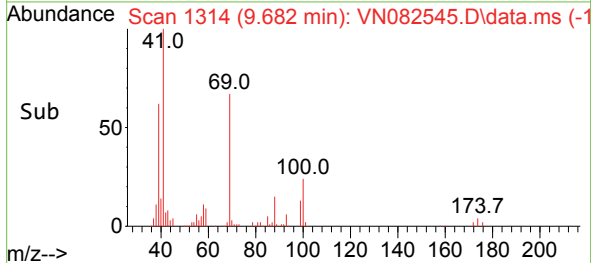
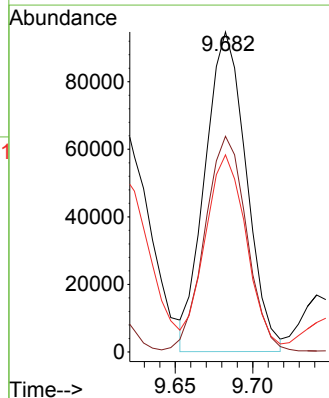
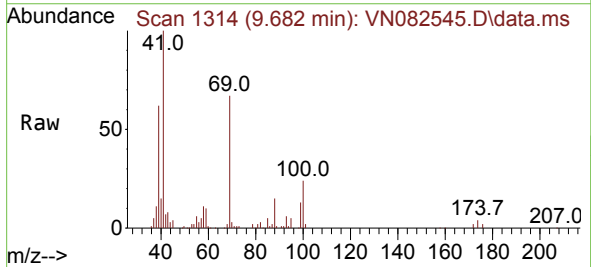
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

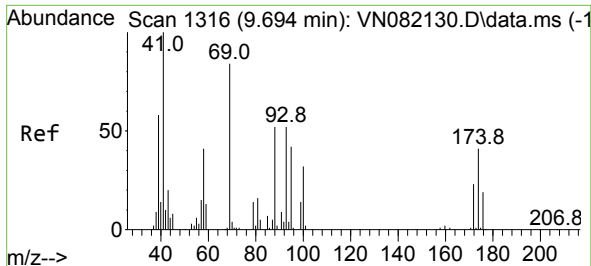
Tgt Ion: 83 Resp: 203828
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 7.9 7.5 11.3



#48
Methyl methacrylate
Concen: 60.328 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 41 Resp: 175225
Ion Ratio Lower Upper
41 100
69 69.1 77.9 116.9#
39 62.3 50.9 76.3





#49

1,4-Dioxane

Concen: 1280.518 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

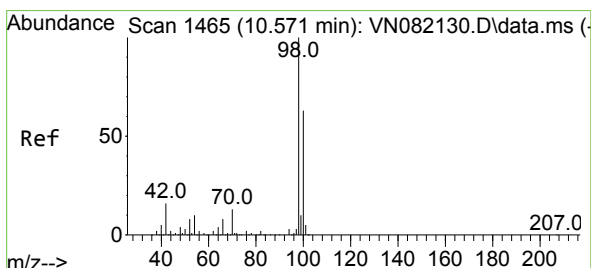
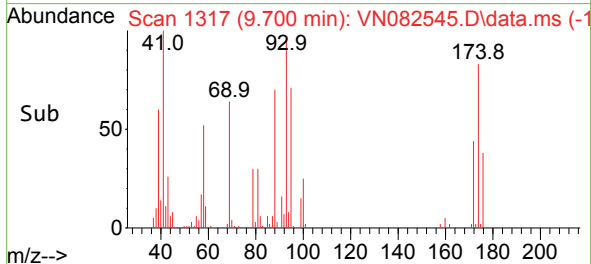
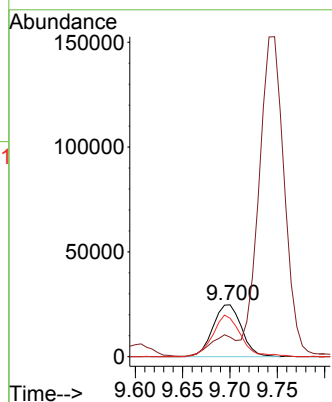
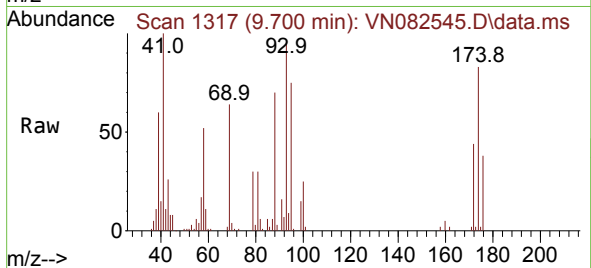
Tgt Ion: 88 Resp: 52118

Ion Ratio Lower Upper

88 100

43 36.3 19.0 28.6#

58 78.8 50.6 76.0#



#50

Toluene-d8

Concen: 50.566 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082545.D

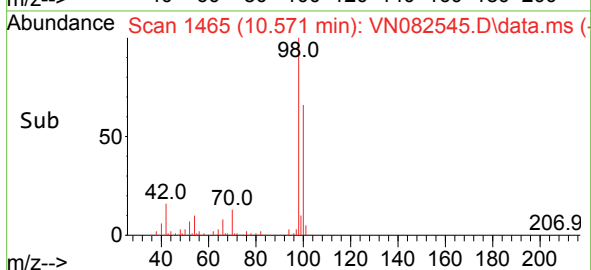
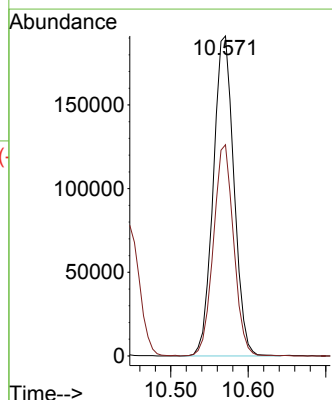
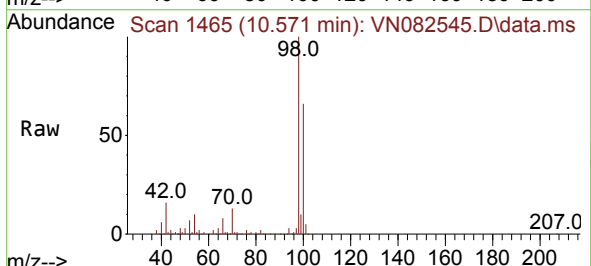
Acq: 12 Jun 2024 21:49

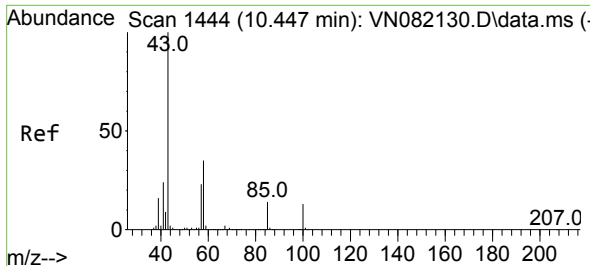
Tgt Ion: 98 Resp: 355317

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

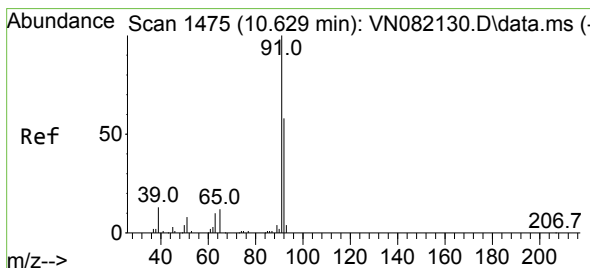
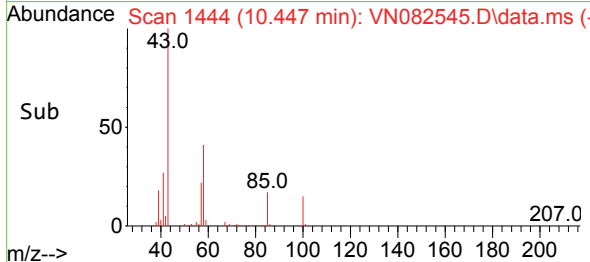
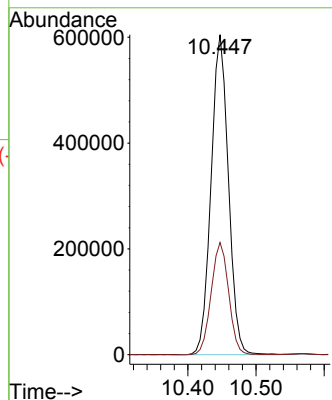
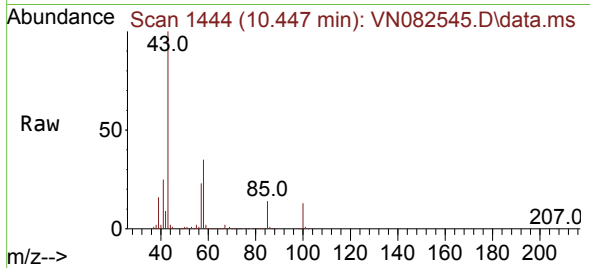




#51
4-Methyl-2-Pentanone
Concen: 309.233 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

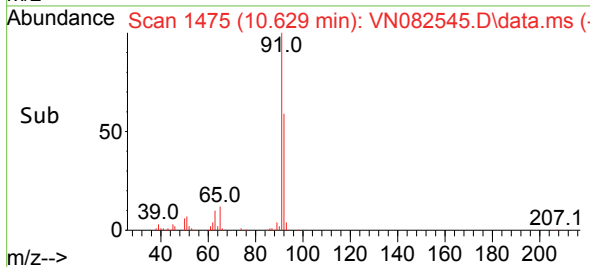
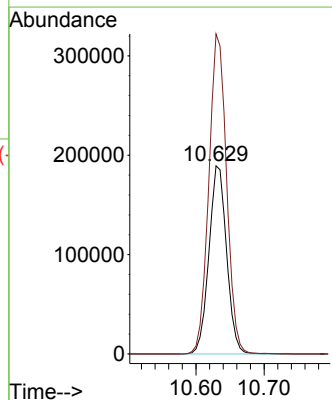
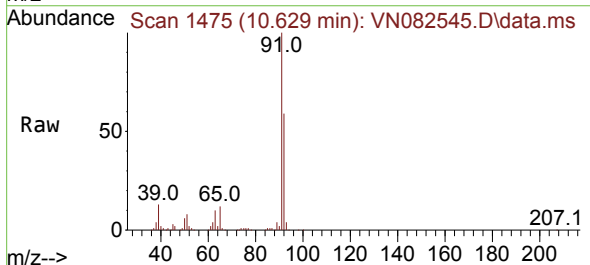
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

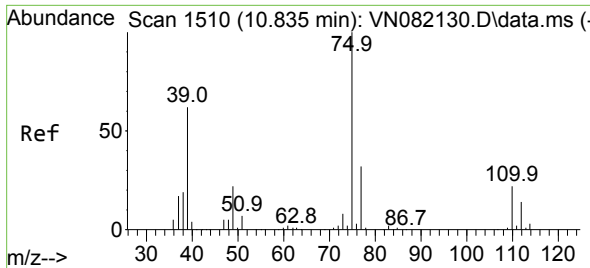
Tgt Ion: 43 Resp: 1070971
Ion Ratio Lower Upper
43 100
58 35.3 33.2 49.8



#52
Toluene
Concen: 62.071 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 92 Resp: 341441
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1

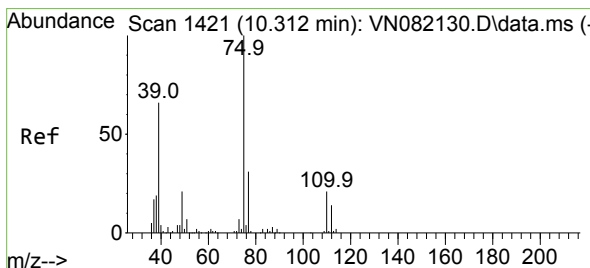
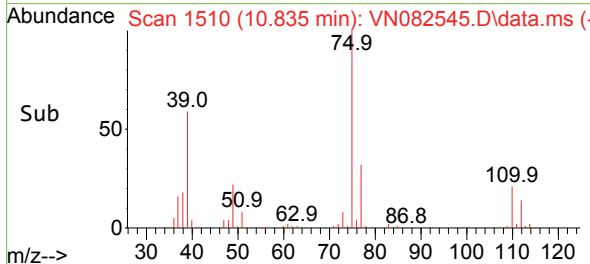
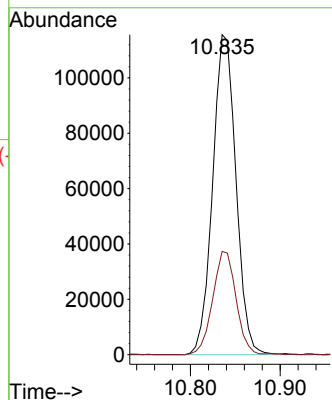
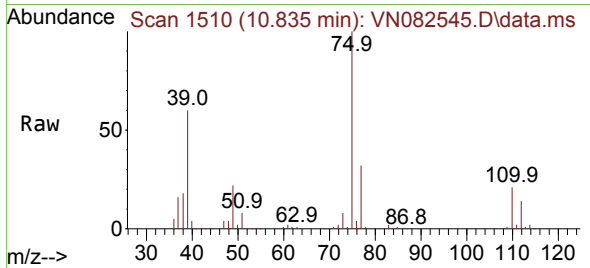




#53
 t-1,3-Dichloropropene
 Concen: 61.462 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

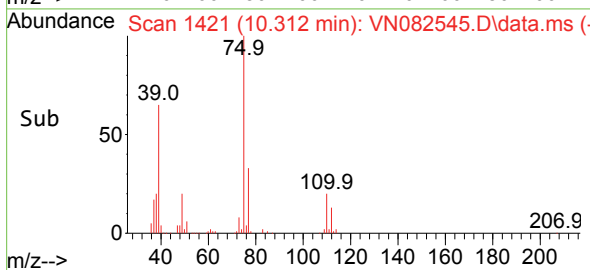
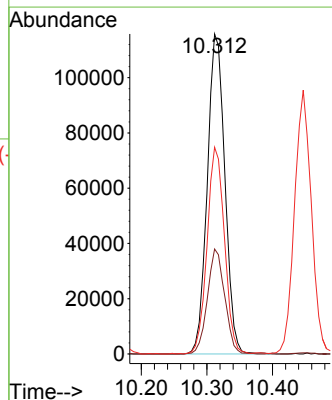
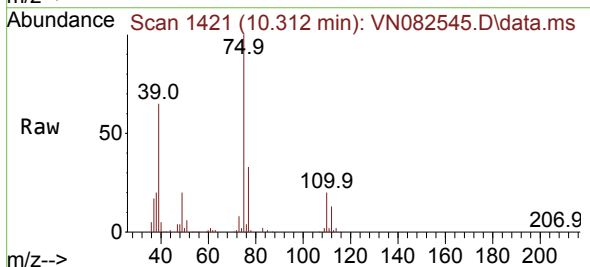
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

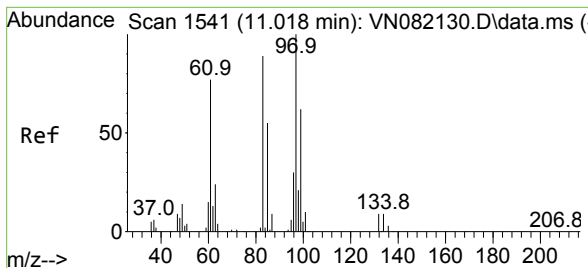
Tgt Ion: 75 Resp: 208367
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 60.256 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

Tgt Ion: 75 Resp: 216228
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4
 39 64.4 34.8 52.2#

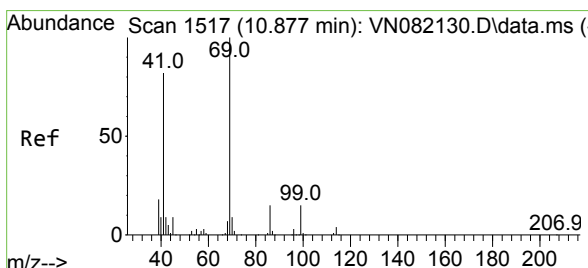
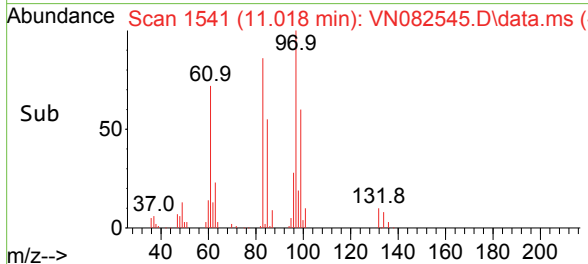
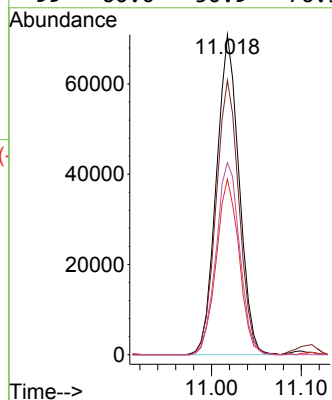
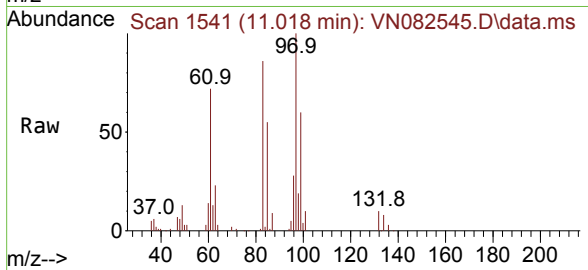




#55
1,1,2-Trichloroethane
Concen: 62.320 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

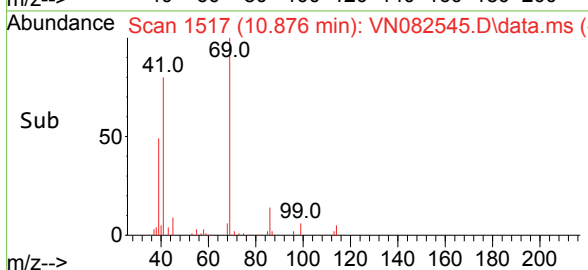
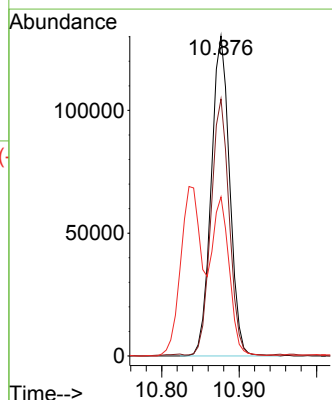
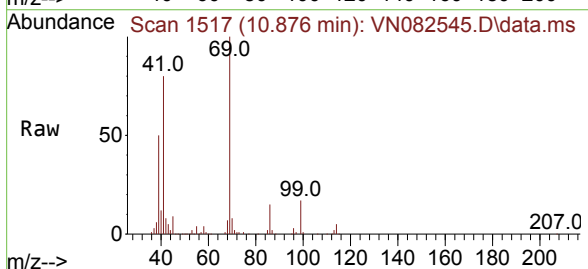
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

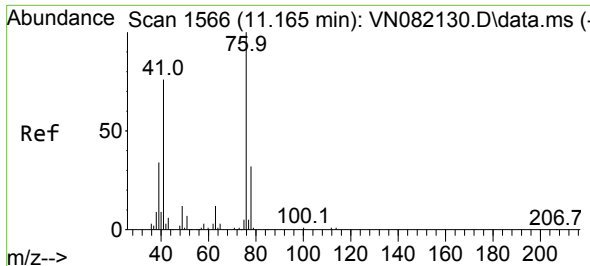
Tgt Ion:	97	Resp:	124579
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.4	105.6
85	54.9	45.6	68.4
99	60.0	50.9	76.3



#56
Ethyl methacrylate
Concen: 63.505 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:	69	Resp:	215534
Ion	Ratio	Lower	Upper
69	100		
41	79.1	46.6	70.0#
39	44.5	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 59.975 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

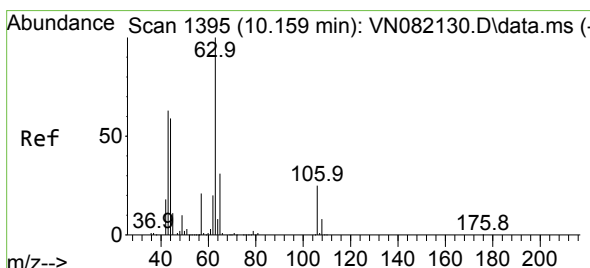
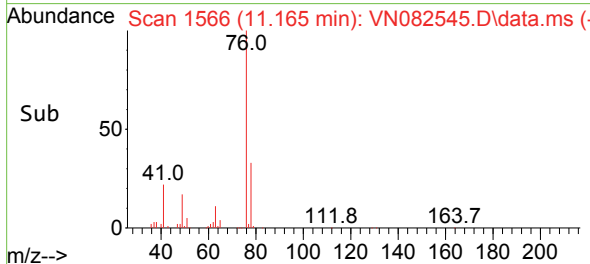
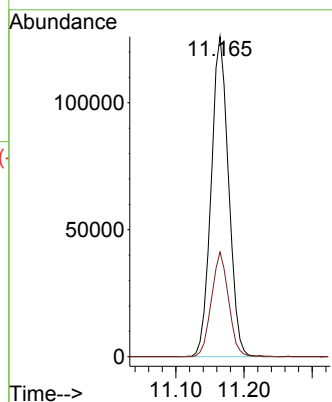
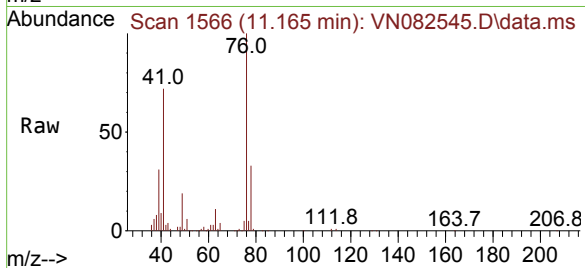
VSTDCCC050EC

Tgt Ion: 76 Resp: 224167

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 282.254 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN082545.D

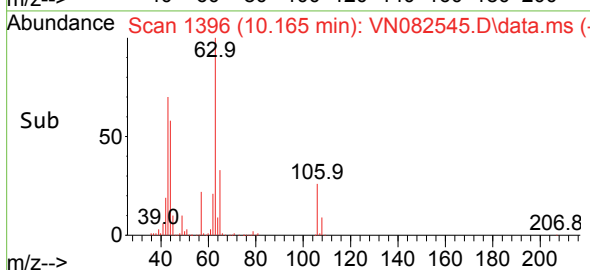
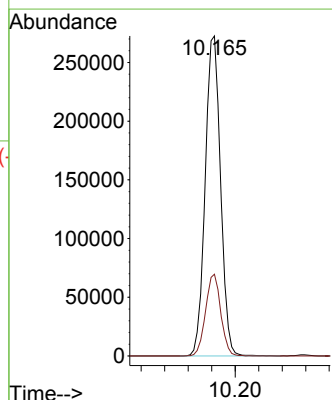
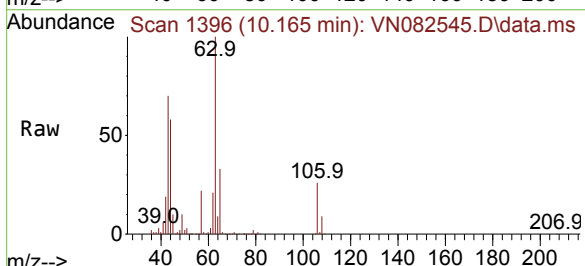
Acq: 12 Jun 2024 21:49

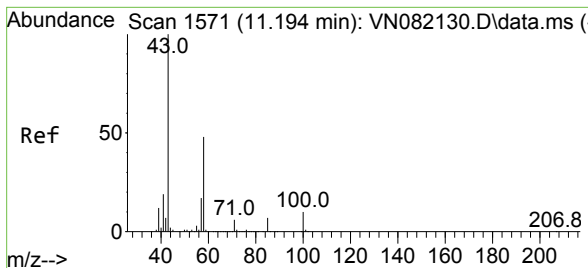
Tgt Ion: 63 Resp: 494116

Ion Ratio Lower Upper

63 100

106 25.3 24.6 36.8

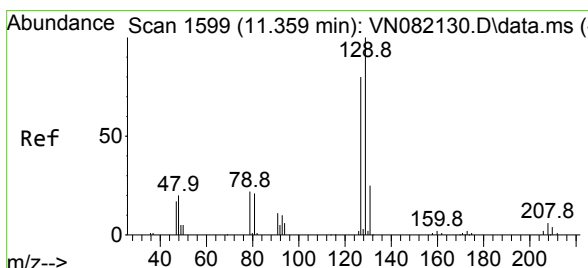
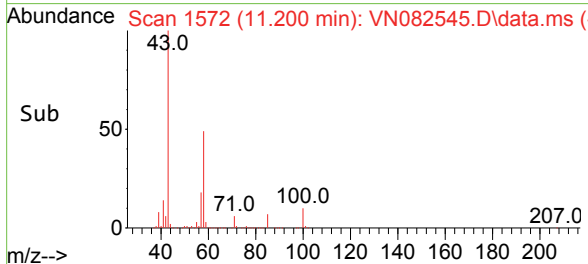
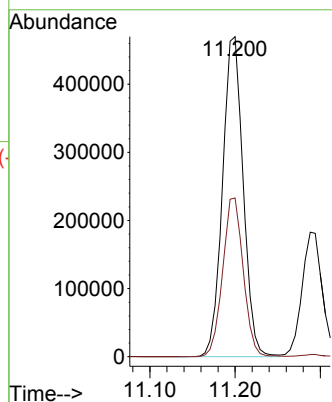
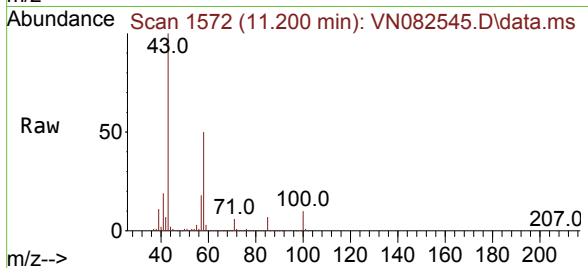




#59
2-Hexanone
Concen: 312.016 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

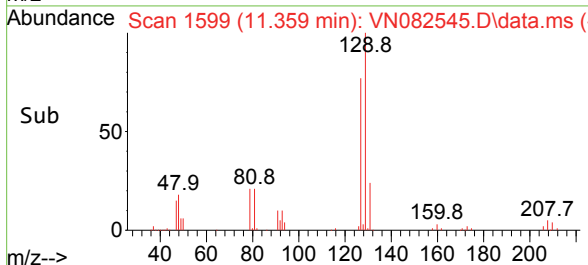
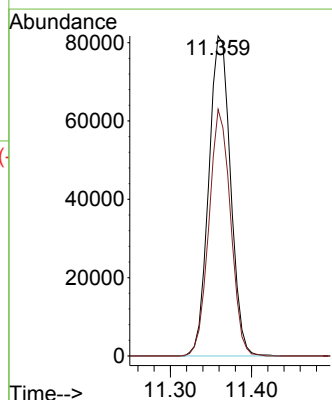
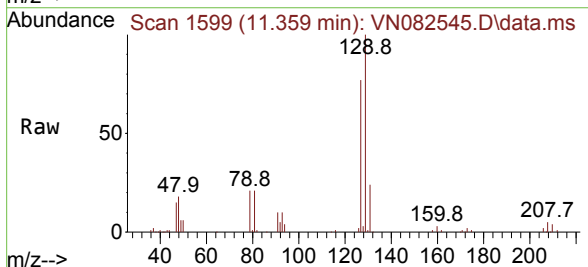
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

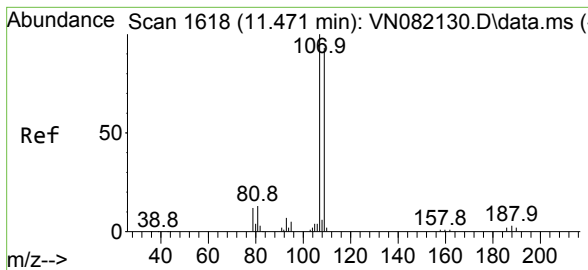
Tgt Ion: 43 Resp: 791231
Ion Ratio Lower Upper
43 100
58 49.4 28.3 84.9



#60
Dibromochloromethane
Concen: 69.084 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 129 Resp: 152404
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8

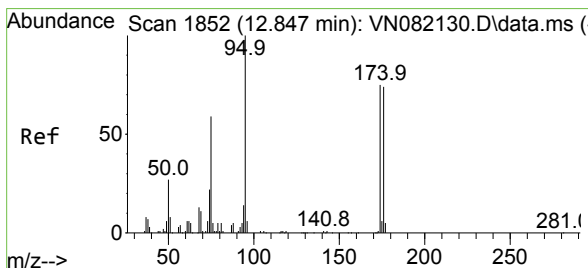
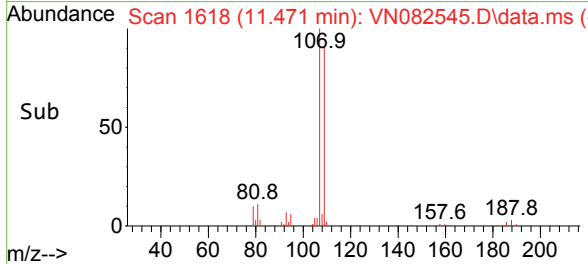
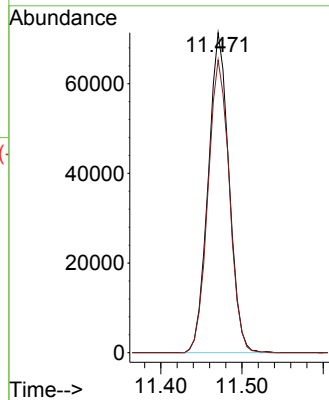
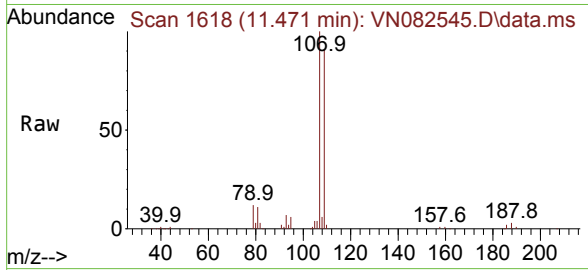




#61
1,2-Dibromoethane
Concen: 61.951 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

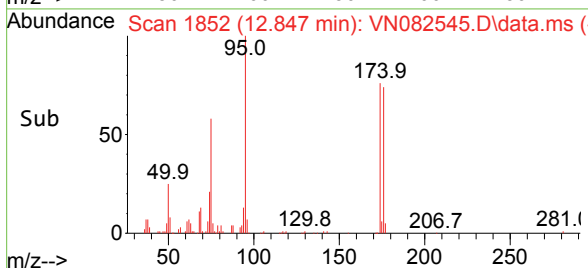
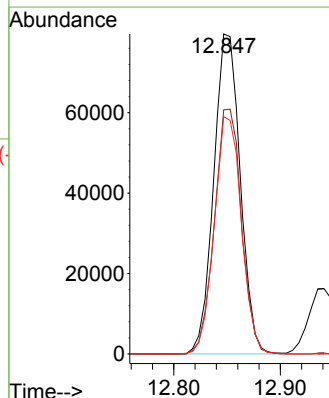
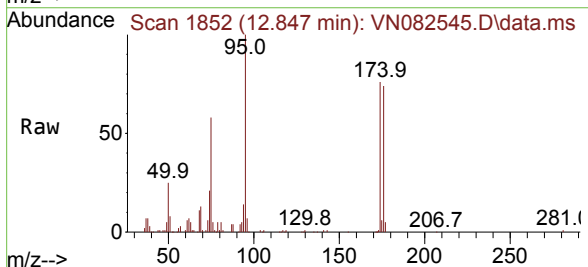
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

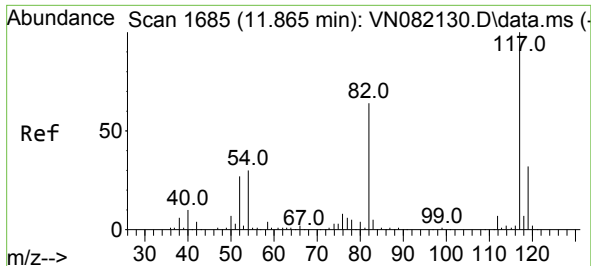
Tgt Ion:107 Resp: 127202
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.795 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 95 Resp: 137429
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.6
176 75.5 0.0 152.8

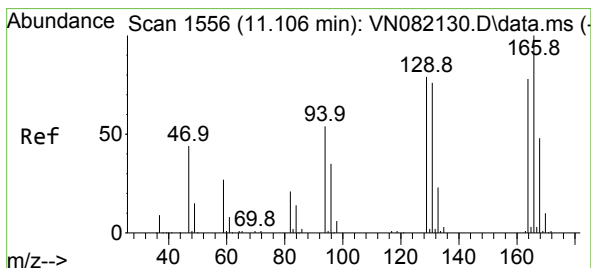
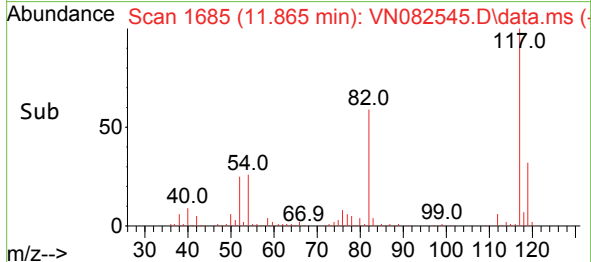
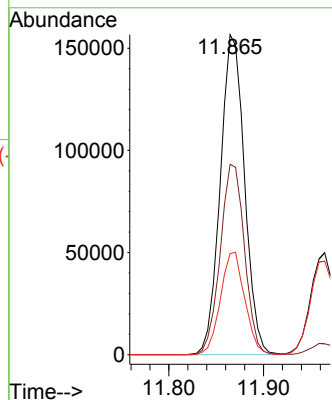
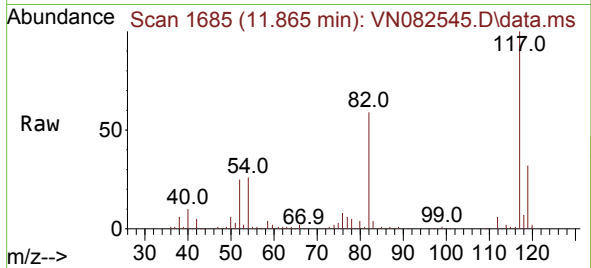




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

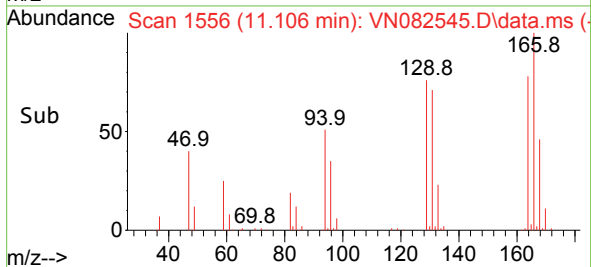
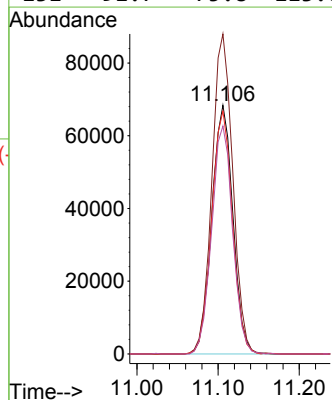
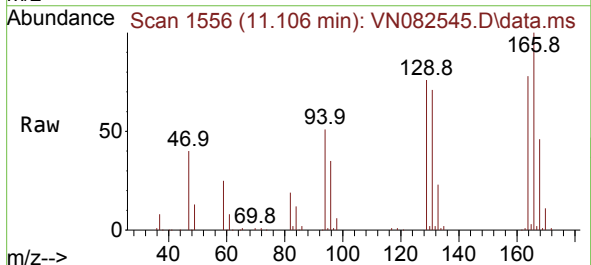
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

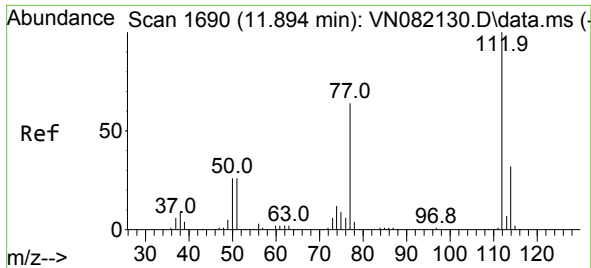
Tgt Ion:117 Resp: 278985
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 59.828 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:164 Resp: 123715
Ion Ratio Lower Upper
164 100
166 128.7 97.6 146.4
129 97.7 73.7 110.5
131 91.7 75.8 113.6

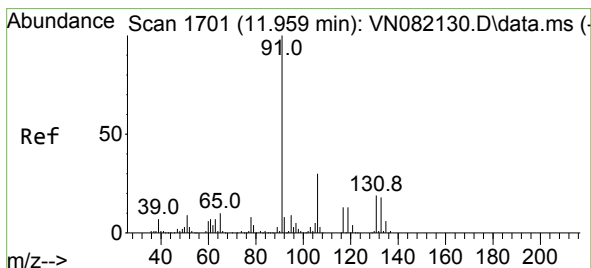
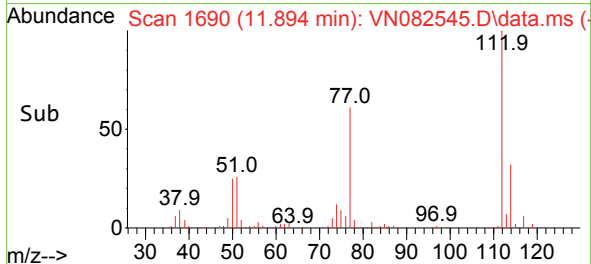
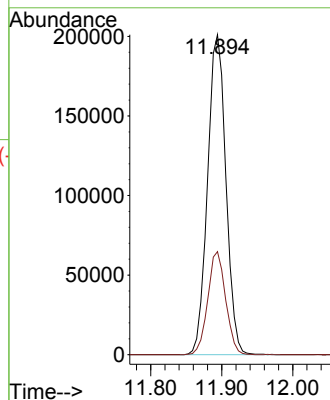
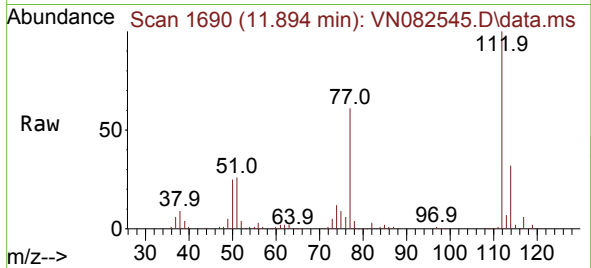




#65
Chlorobenzene
Concen: 58.571 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

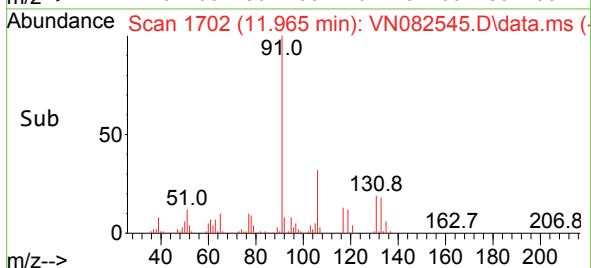
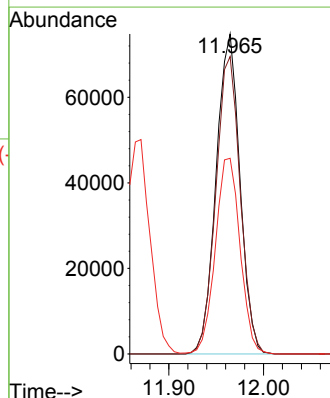
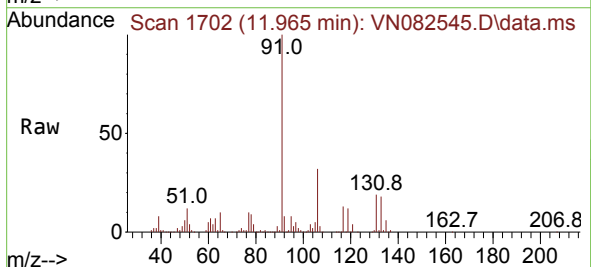
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

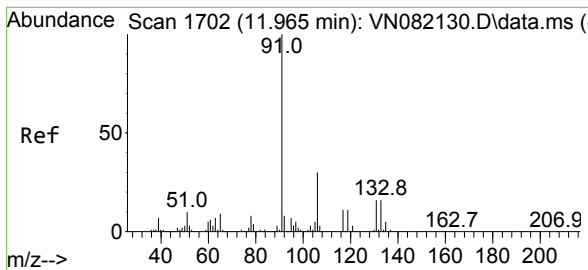
Tgt Ion:112 Resp: 360984
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 64.340 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:131 Resp: 130617
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 63.8 32.9 98.7

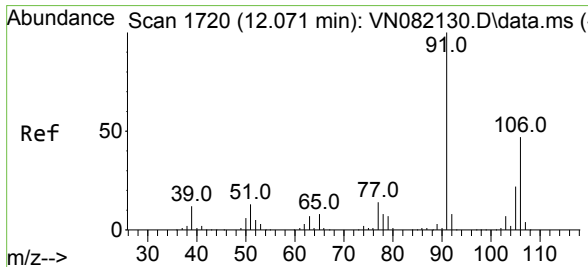
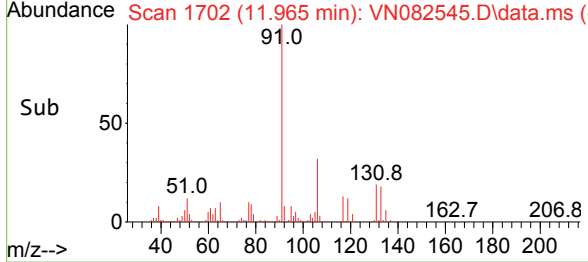
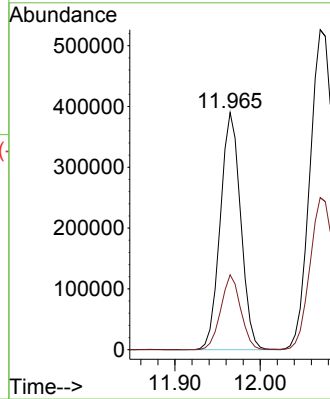
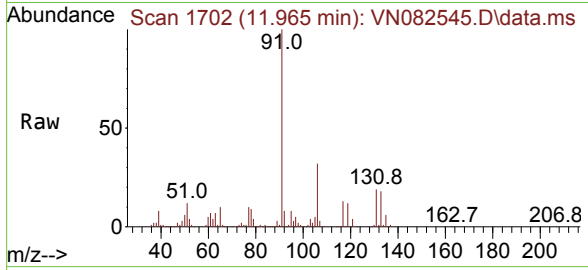




#67
Ethyl Benzene
Concen: 58.865 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

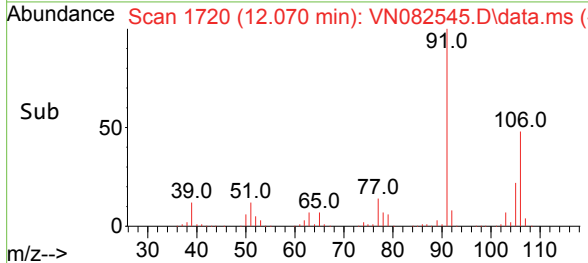
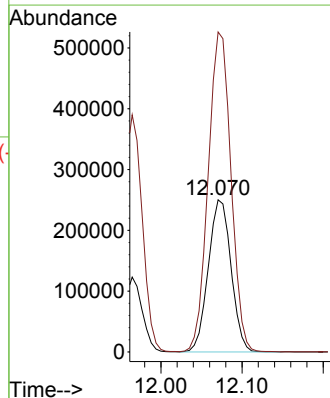
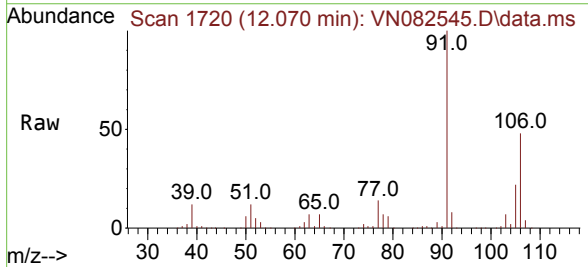
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

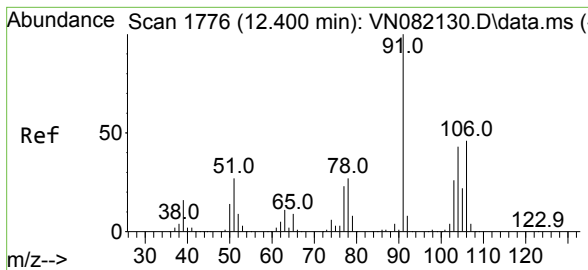
Tgt Ion: 91 Resp: 648997
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 120.774 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:106 Resp: 488017
Ion Ratio Lower Upper
106 100
91 210.4 159.4 239.0

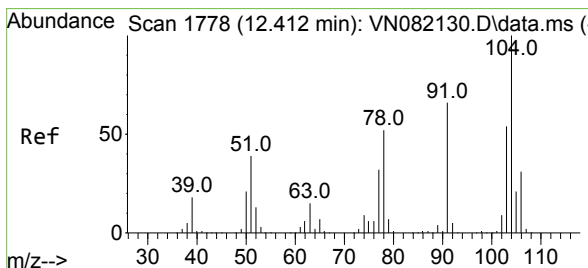
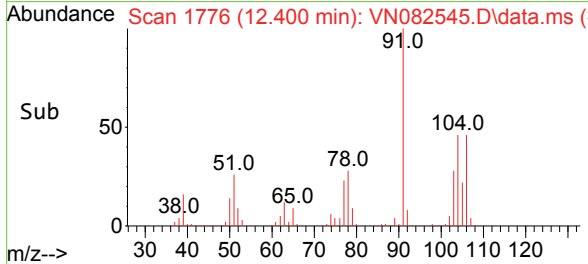
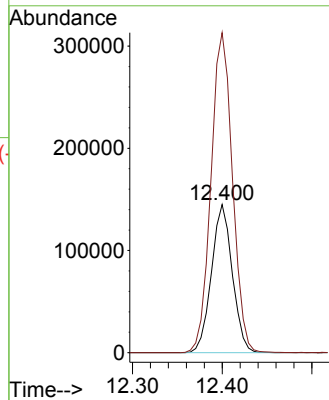
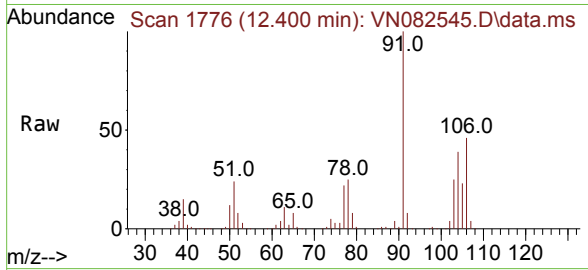




#69
o-Xylene
Concen: 59.755 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

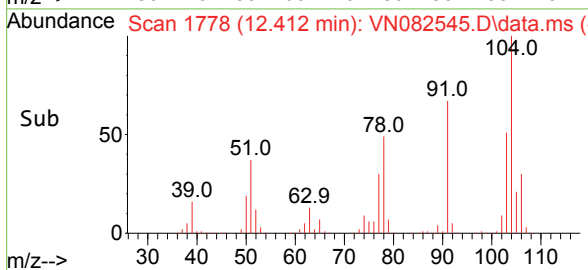
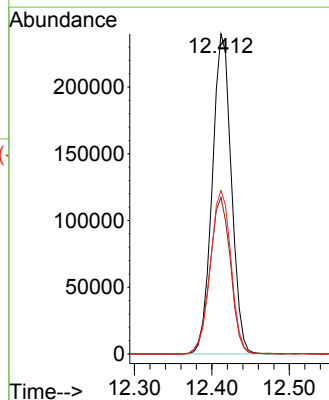
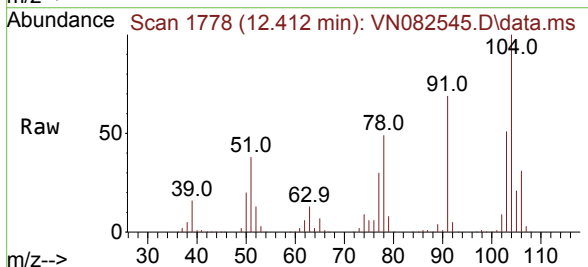
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

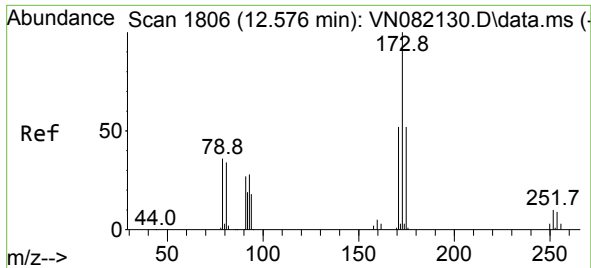
Tgt Ion:106 Resp: 233892
Ion Ratio Lower Upper
106 100
91 222.7 104.7 314.1



#70
Styrene
Concen: 63.195 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:104 Resp: 410864
Ion Ratio Lower Upper
104 100
78 52.8 38.6 58.0
103 55.0 43.8 65.6

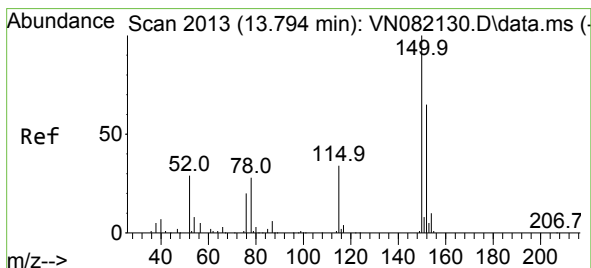
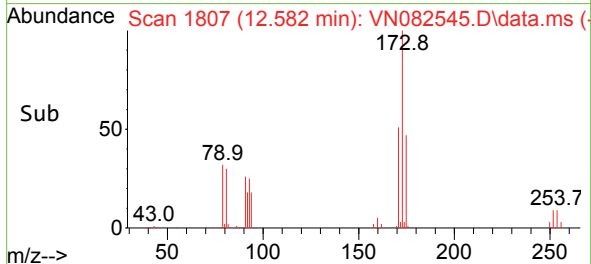
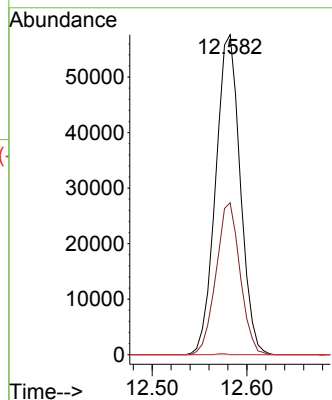
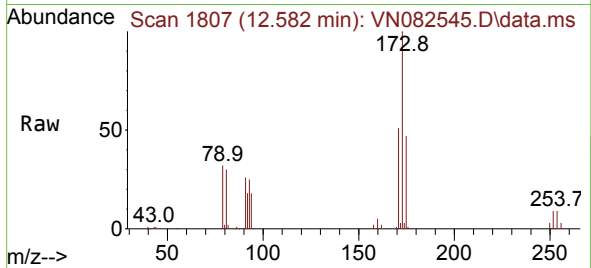




#71
Bromoform
Concen: 64.126 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

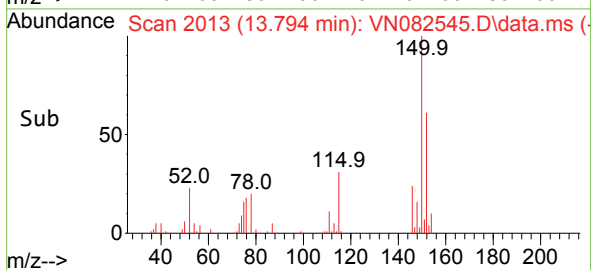
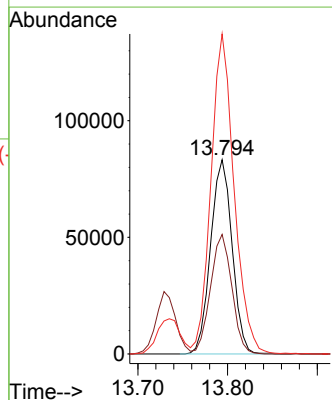
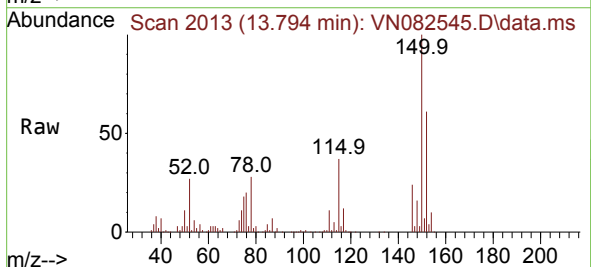
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

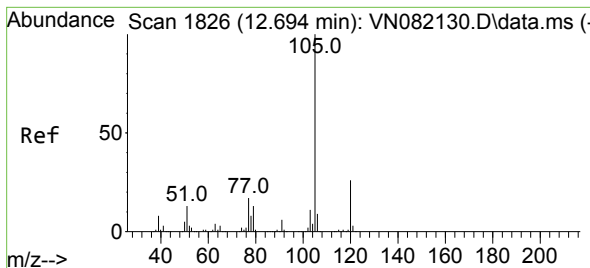
Tgt Ion:173 Resp: 103864
Ion Ratio Lower Upper
173 100
175 46.4 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:152 Resp: 138776
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 177.1 0.0 353.2





#73

Isopropylbenzene

Concen: 55.530 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

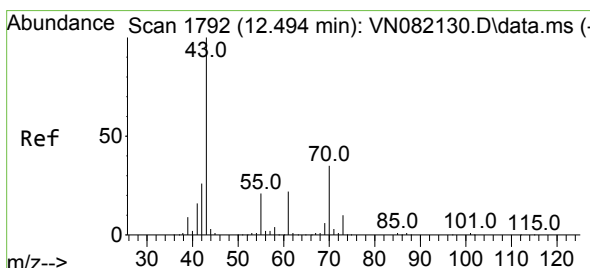
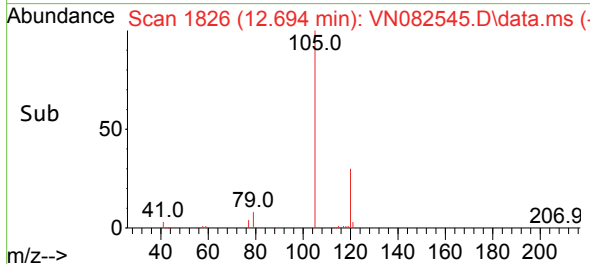
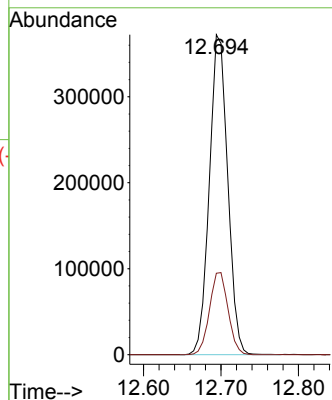
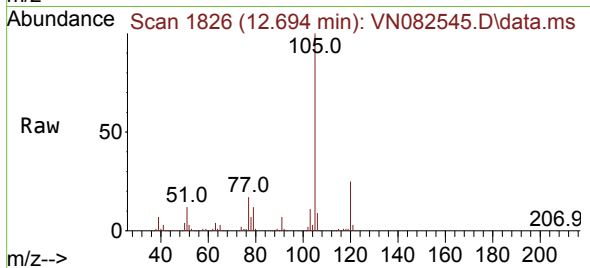
VSTDCCC050EC

Tgt Ion:105 Resp: 612216

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 52.038 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Tgt Ion: 43 Resp: 315579

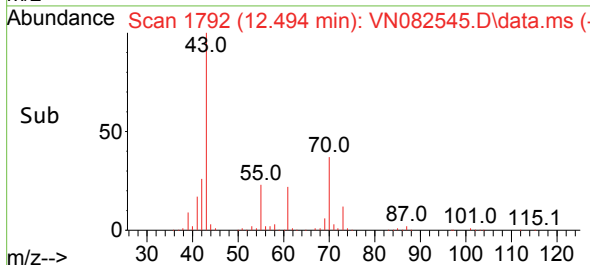
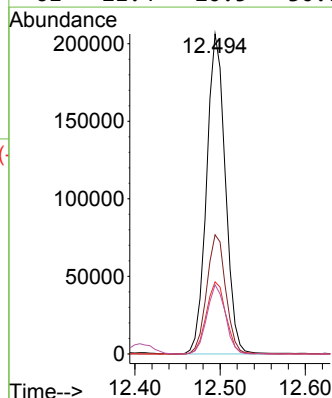
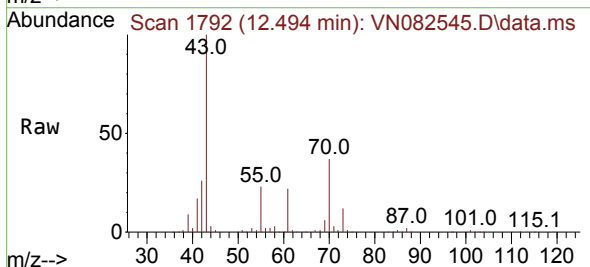
Ion Ratio Lower Upper

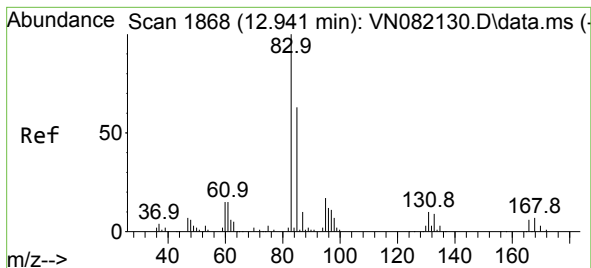
43 100

70 37.8 39.0 58.4#

55 23.6 21.3 31.9

61 21.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.030 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

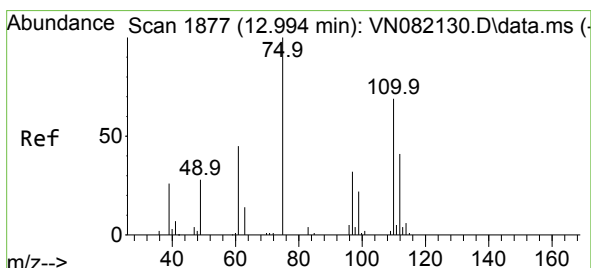
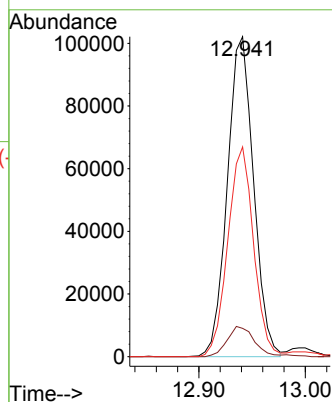
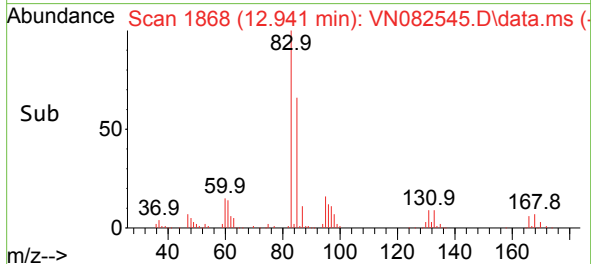
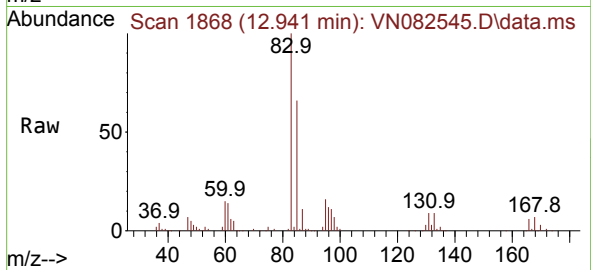
Tgt Ion: 83 Resp: 174891

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.4

85 64.6 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 85.876 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082545.D

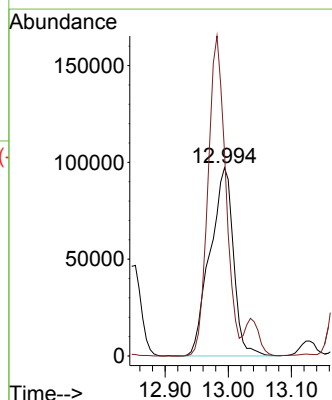
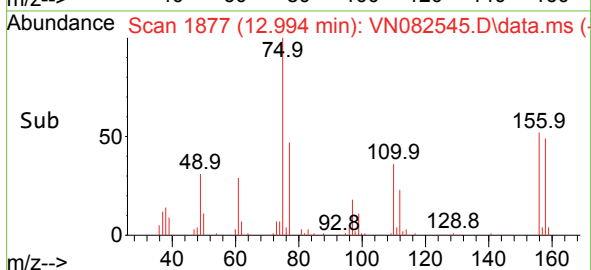
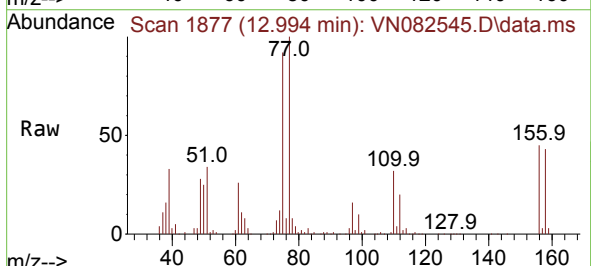
Acq: 12 Jun 2024 21:49

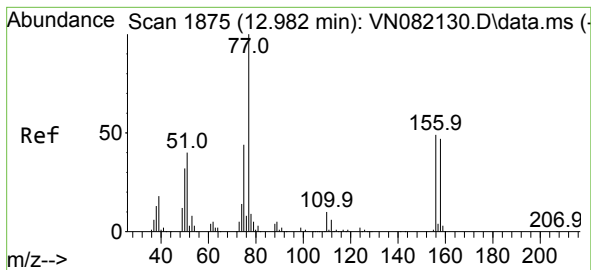
Tgt Ion: 75 Resp: 250837

Ion Ratio Lower Upper

75 100

77 128.3 90.5 271.3





#77

Bromobenzene

Concen: 56.249 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

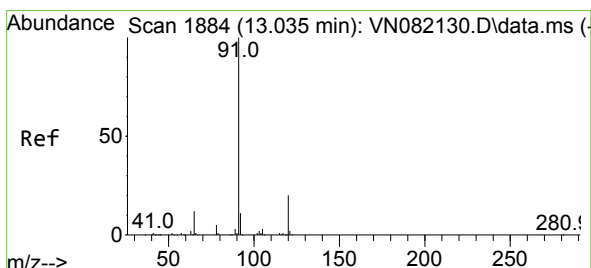
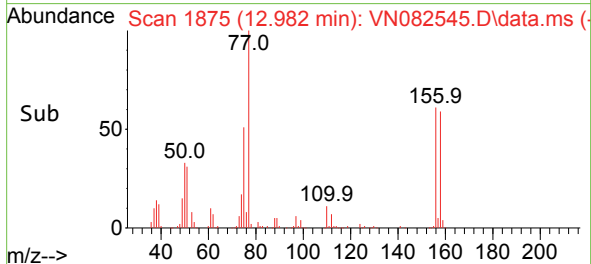
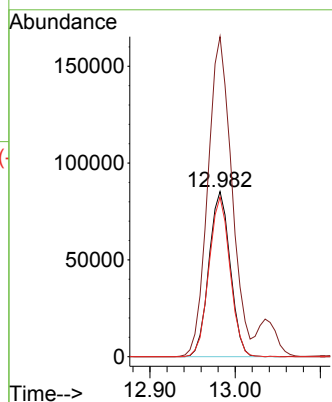
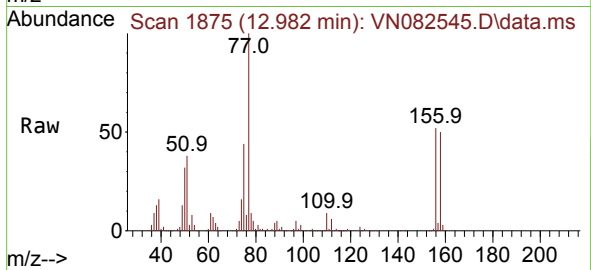
Tgt Ion:156 Resp: 147787

Ion Ratio Lower Upper

156 100

77 217.8 100.2 300.6

158 95.8 49.1 147.3



#78

n-propylbenzene

Concen: 55.701 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082545.D

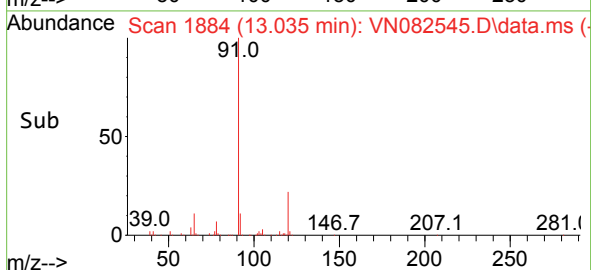
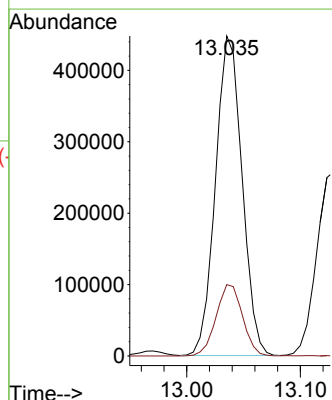
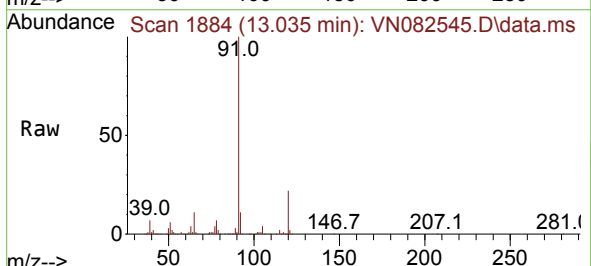
Acq: 12 Jun 2024 21:49

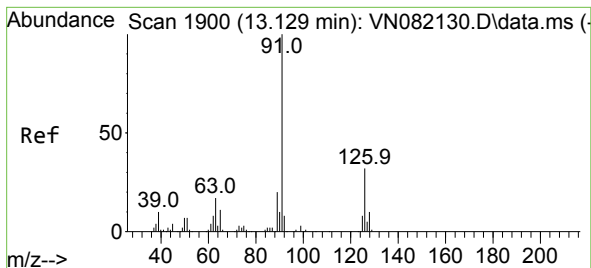
Tgt Ion: 91 Resp: 727204

Ion Ratio Lower Upper

91 100

120 22.2 11.7 35.0

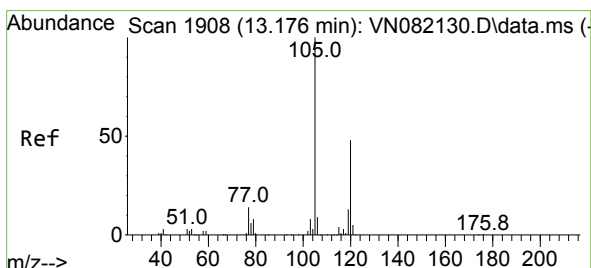
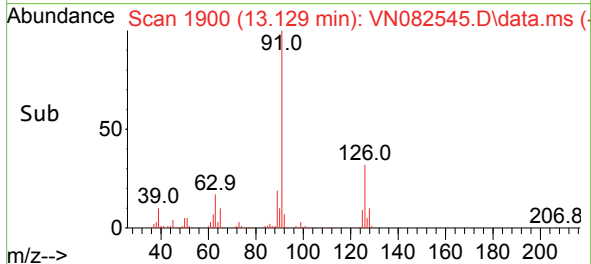
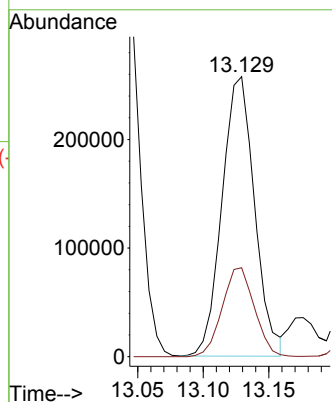
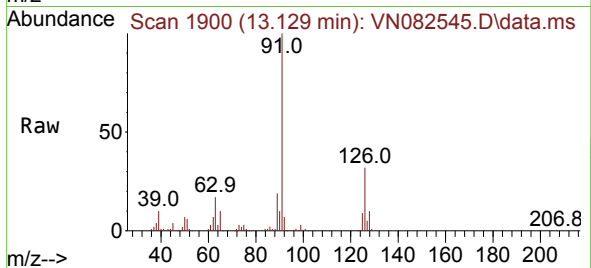




#79
2-Chlorotoluene
Concen: 54.323 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

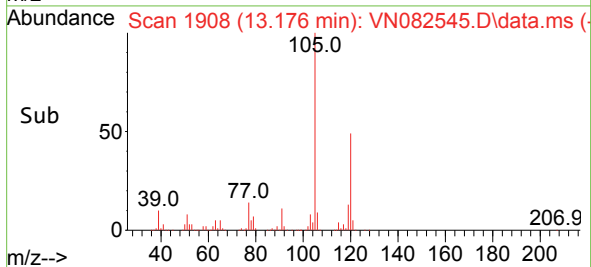
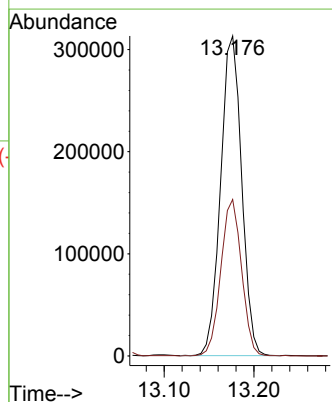
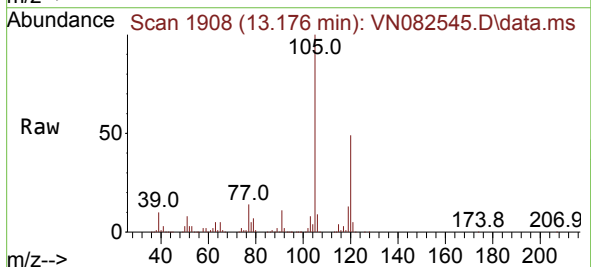
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

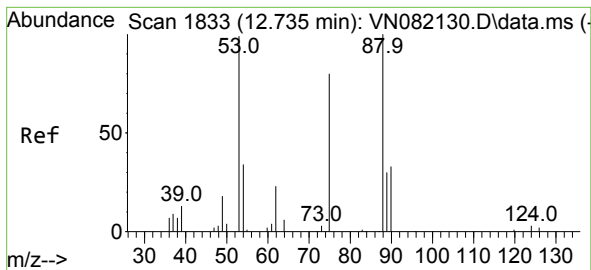
Tgt Ion: 91 Resp: 445338
Ion Ratio Lower Upper
91 100
126 31.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 57.129 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 105 Resp: 509287
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.3

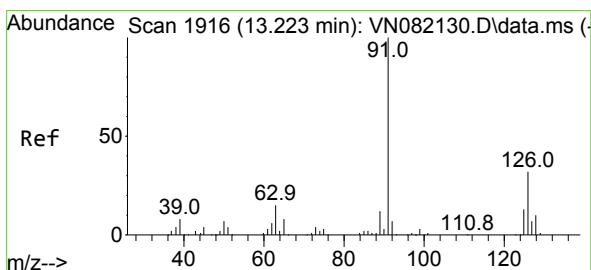
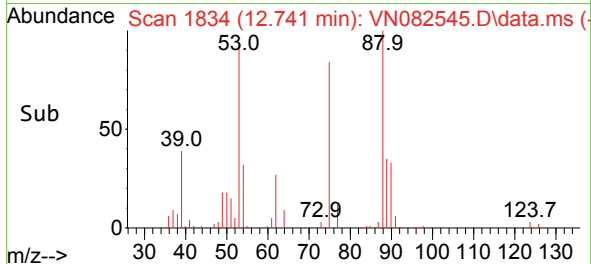
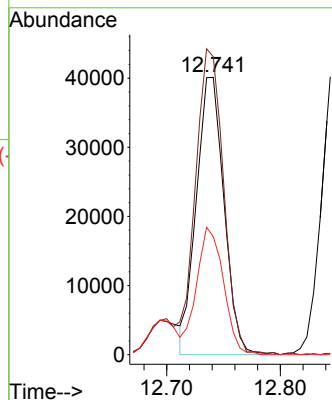
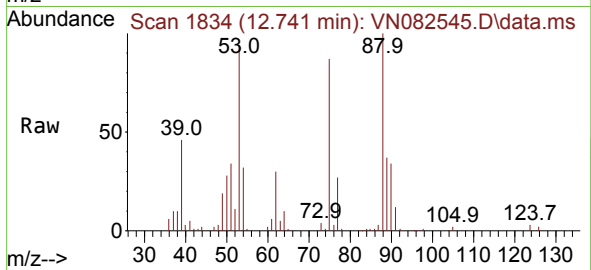




#81
trans-1,4-Dichloro-2-butene
Concen: 54.215 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

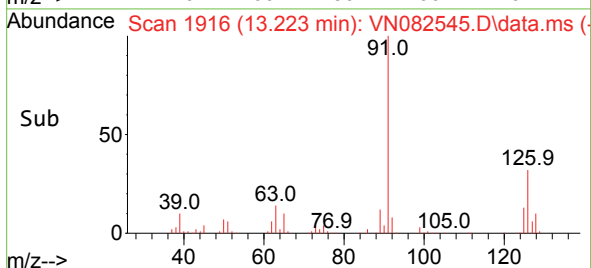
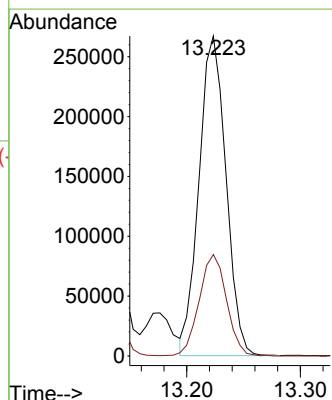
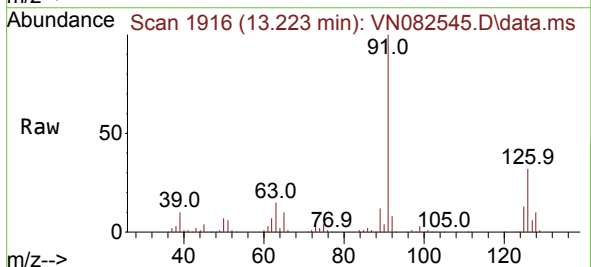
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

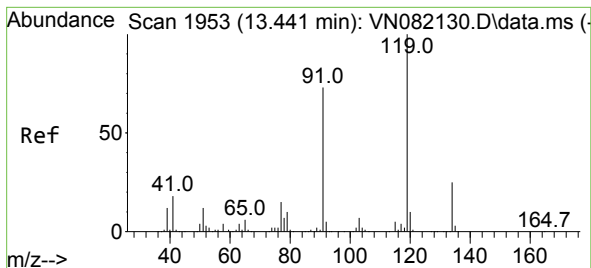
Tgt Ion: 75 Resp: 67704
Ion Ratio Lower Upper
75 100
53 124.7 72.9 109.3#
89 44.9 39.1 58.7



#82
4-Chlorotoluene
Concen: 54.868 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 91 Resp: 439793
Ion Ratio Lower Upper
91 100
126 32.3 17.4 52.3

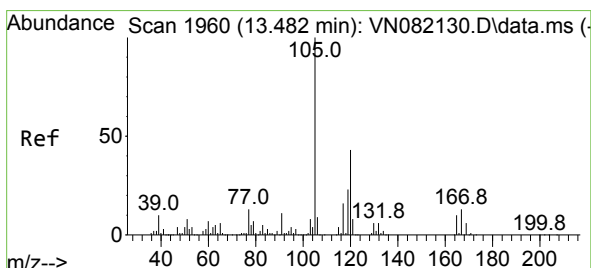
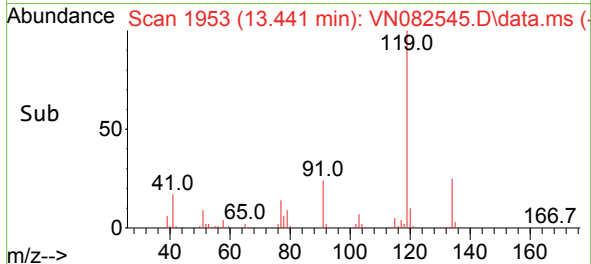
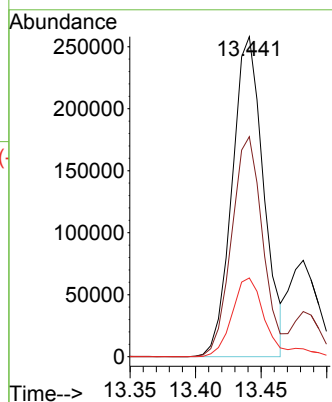
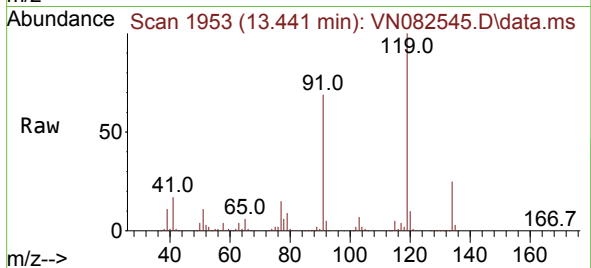




#83
tert-Butylbenzene
Concen: 55.298 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

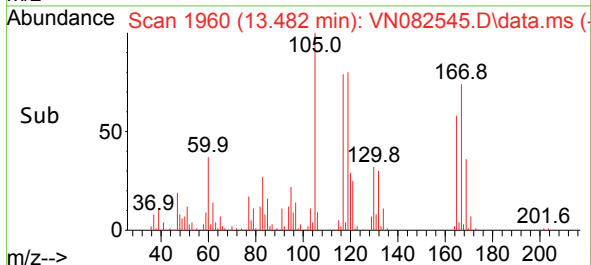
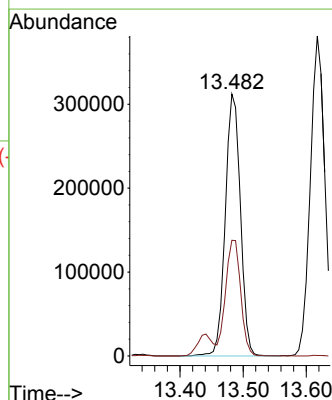
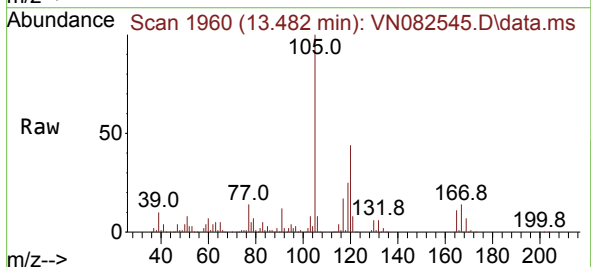
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

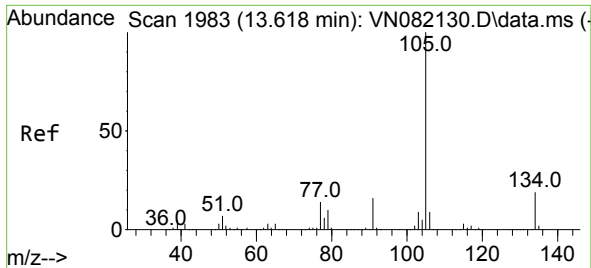
Tgt Ion:119 Resp: 431275
Ion Ratio Lower Upper
119 100
91 69.2 32.6 97.8
134 26.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 56.803 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:105 Resp: 518077
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.7

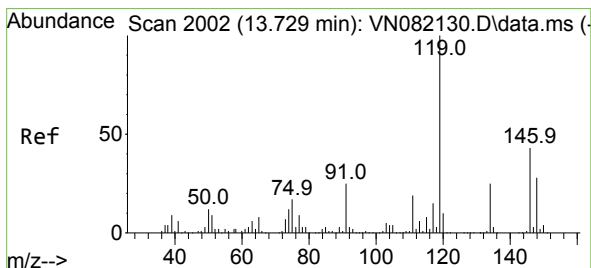
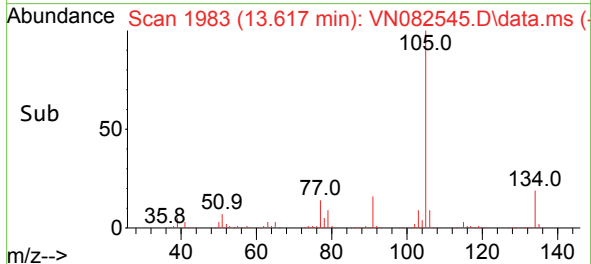
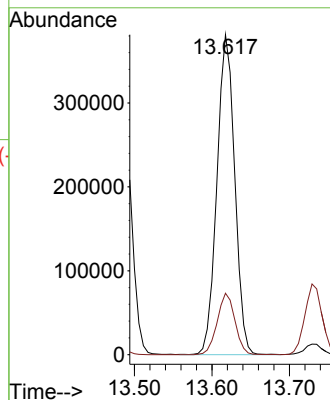
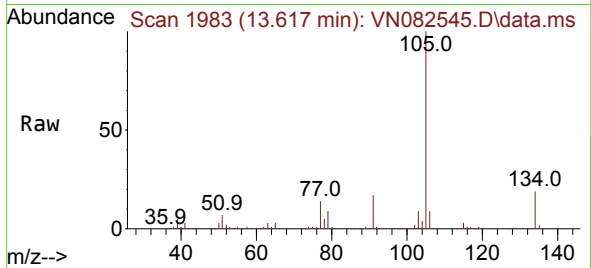




#85
 sec-Butylbenzene
 Concen: 56.332 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

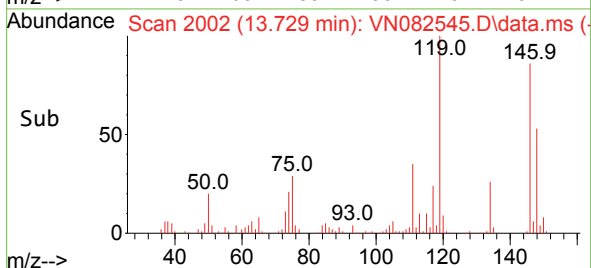
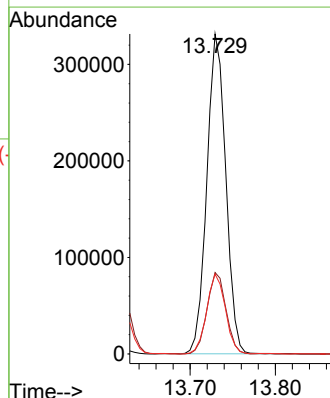
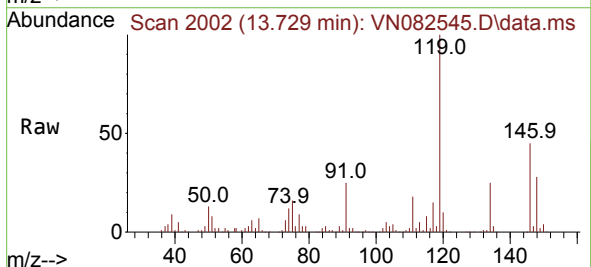
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

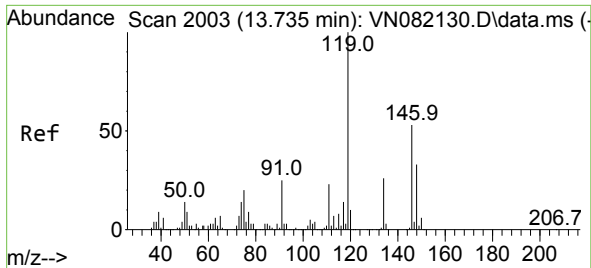
Tgt Ion:105 Resp: 608952
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 58.219 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082545.D
 Acq: 12 Jun 2024 21:49

Tgt Ion:119 Resp: 511480
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.8 11.8 35.3

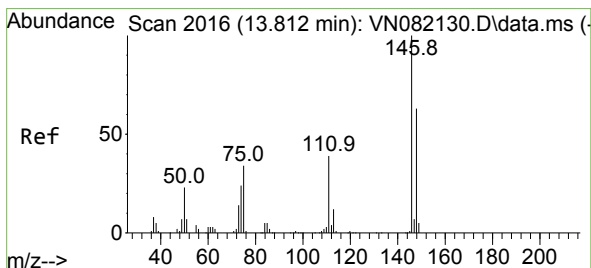
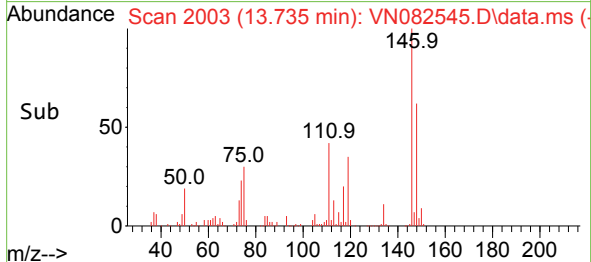
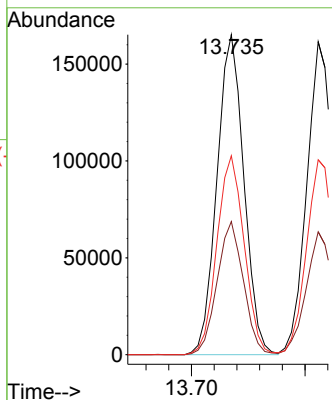
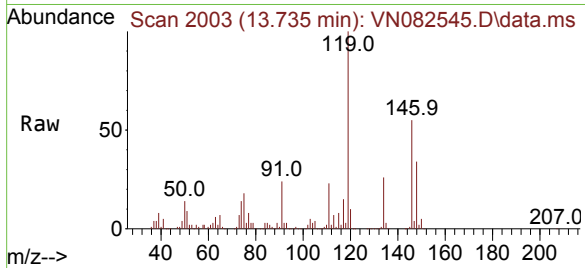




#87
1,3-Dichlorobenzene
Concen: 57.205 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

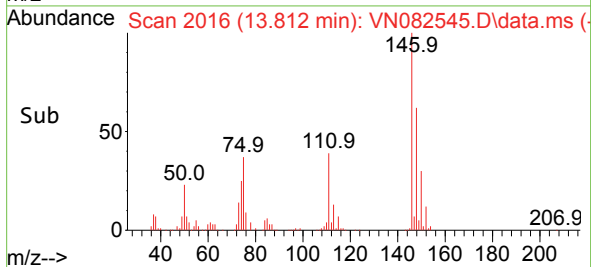
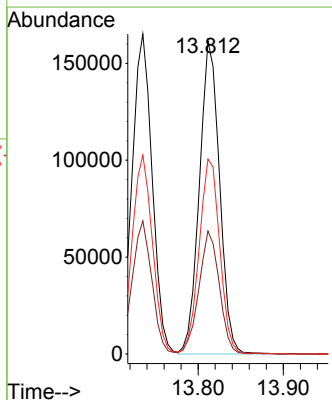
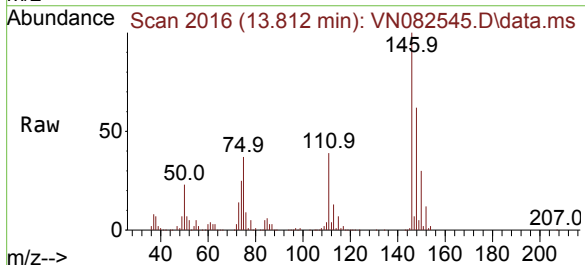
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

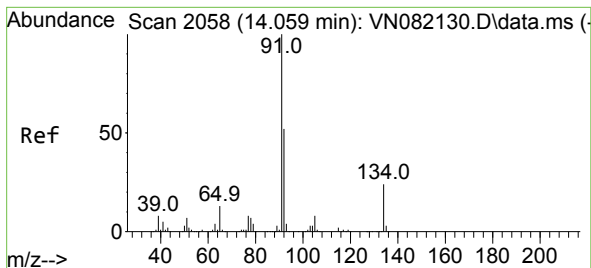
Tgt Ion:146 Resp: 272300
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.5
148 62.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 54.715 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:146 Resp: 265820
Ion Ratio Lower Upper
146 100
111 39.5 19.3 57.9
148 63.4 31.3 93.9





#89

n-Butylbenzene

Concen: 55.106 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

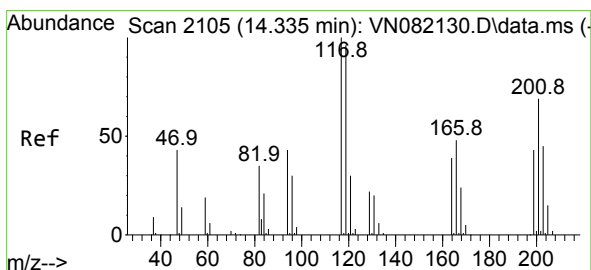
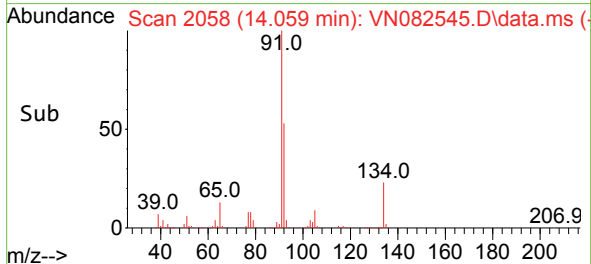
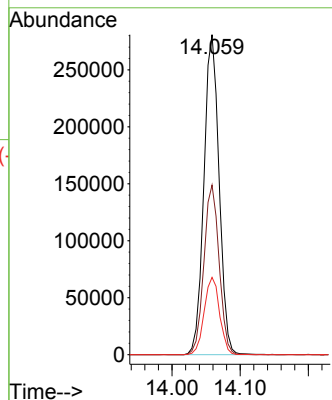
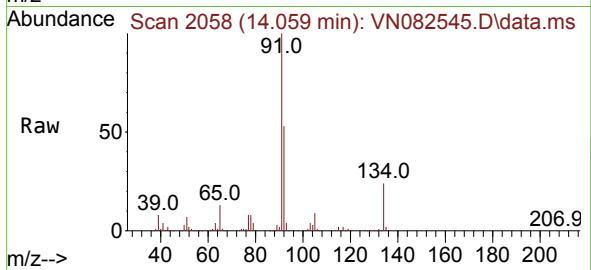
Tgt Ion: 91 Resp: 435139

Ion Ratio Lower Upper

91 100

92 53.2 26.2 78.5

134 24.5 13.2 39.5



#90

Hexachloroethane

Concen: 60.702 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082545.D

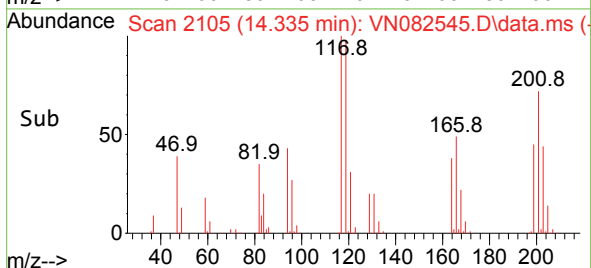
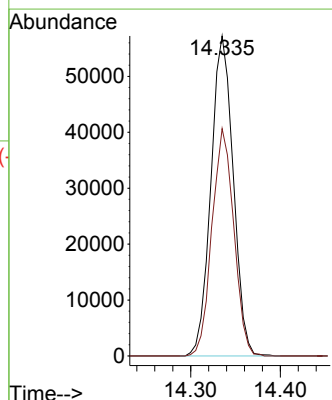
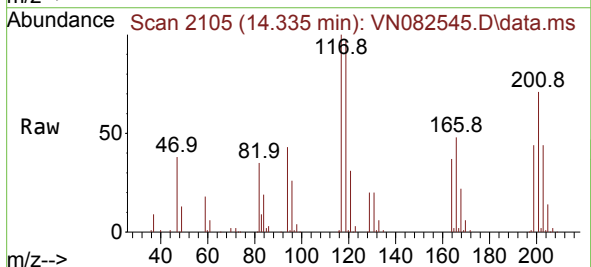
Acq: 12 Jun 2024 21:49

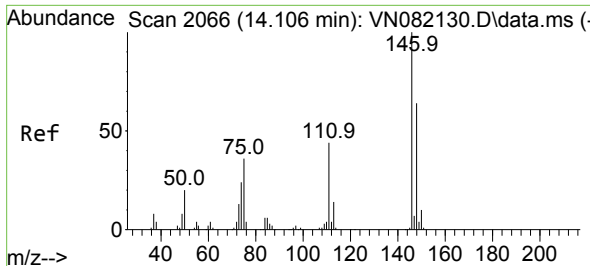
Tgt Ion: 117 Resp: 98806

Ion Ratio Lower Upper

117 100

201 69.5 33.3 99.8

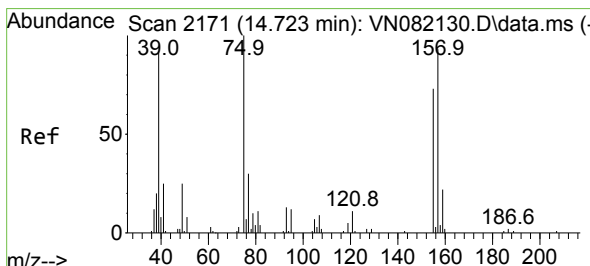
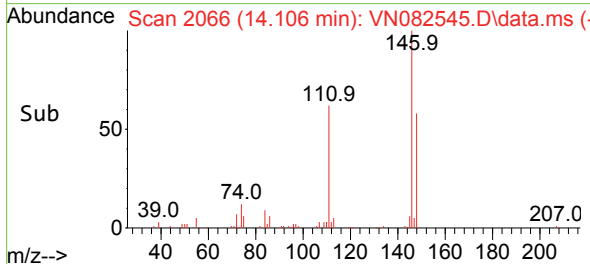
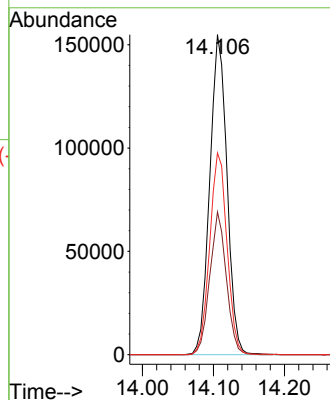
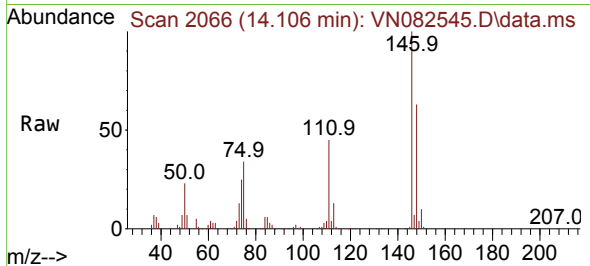




#91
1,2-Dichlorobenzene
Concen: 57.827 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

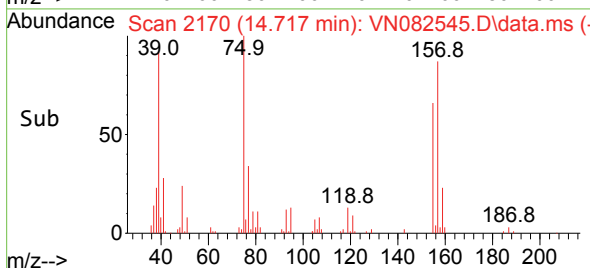
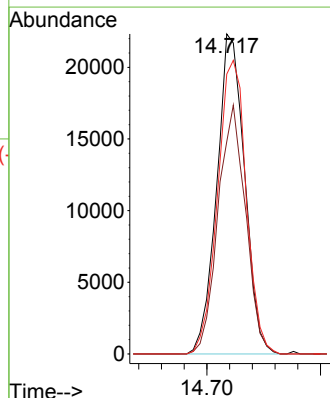
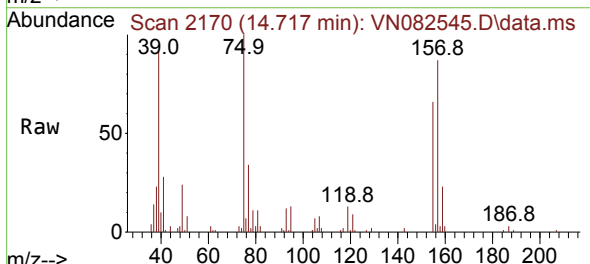
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

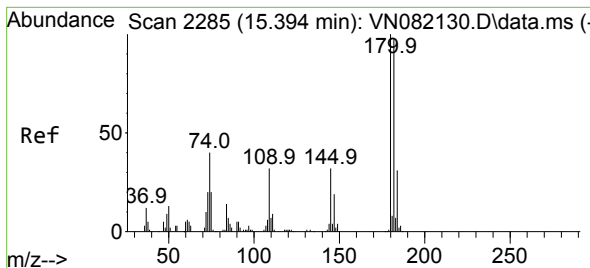
Tgt Ion:146 Resp: 260552
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.141 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion: 75 Resp: 37964
Ion Ratio Lower Upper
75 100
155 77.0 42.6 128.0
157 94.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 54.557 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

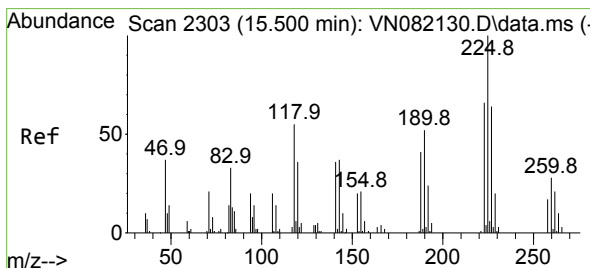
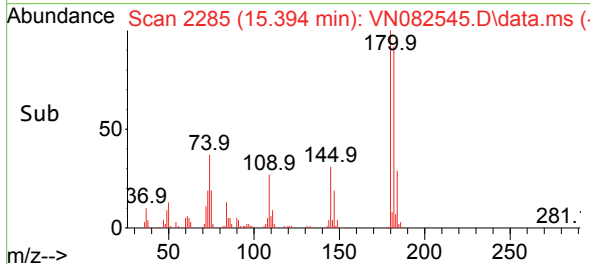
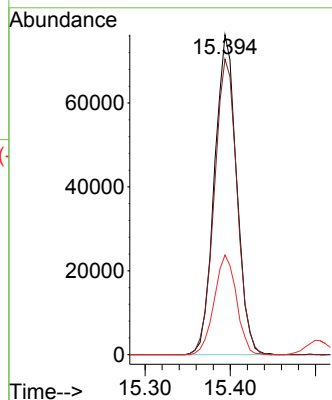
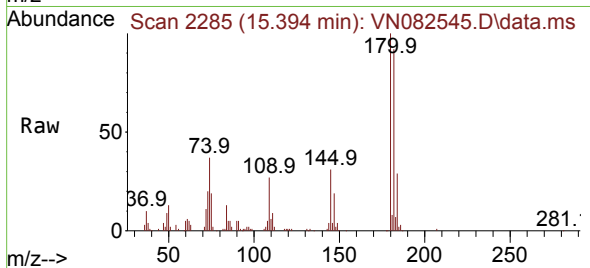
Tgt Ion:180 Resp: 137791

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.0

145 31.3 16.2 48.6



#94

Hexachlorobutadiene

Concen: 53.627 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082545.D

Acq: 12 Jun 2024 21:49

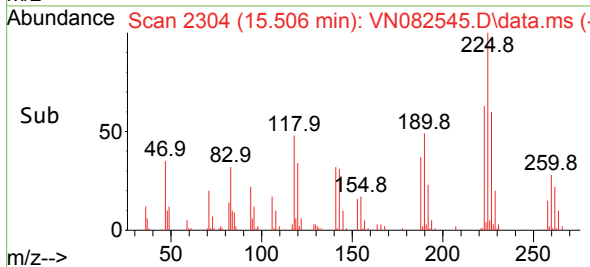
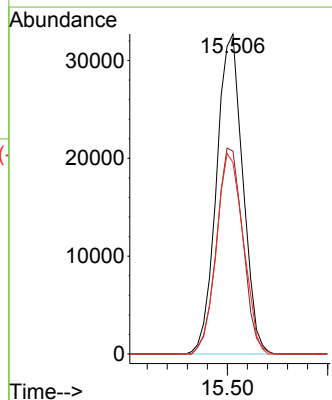
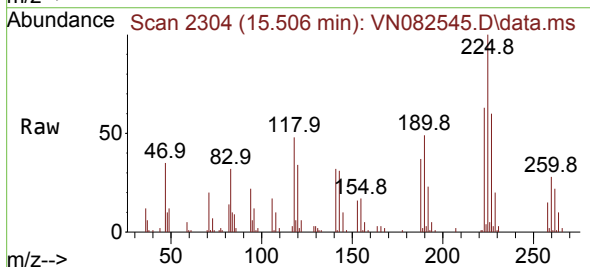
Tgt Ion:225 Resp: 59431

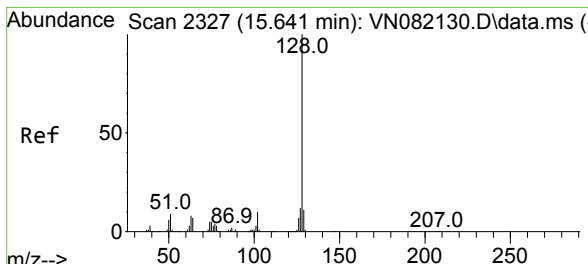
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 64.1 30.6 91.6

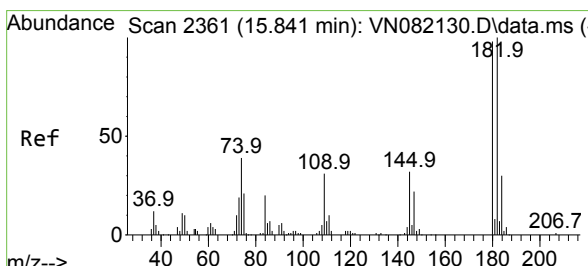
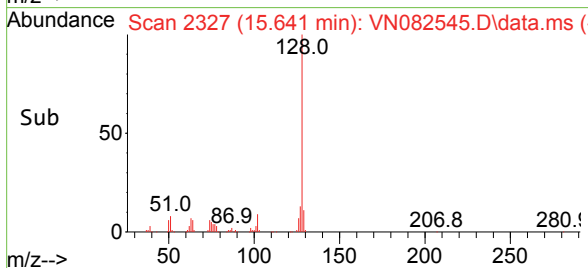
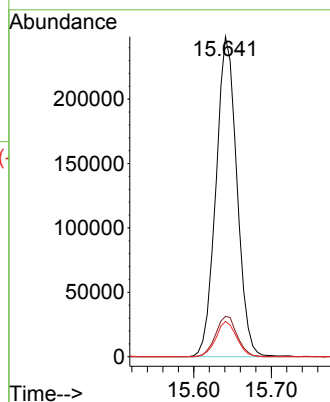
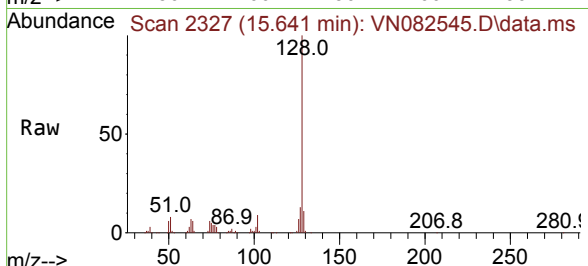




#95
Naphthalene
Concen: 58.853 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	465818
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.786 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082545.D
Acq: 12 Jun 2024 21:49

Tgt Ion:	180	Resp:	143575
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.0	137.8
145	32.5	17.1	51.3

