

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080916.D
 Acq On : 05 Feb 2024 23:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 06 04:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	99711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	86169	49.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.165	113	61915	49.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	10.571	98	238507	48.485	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.853	95	86607	50.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72777	49.140	ug/l	98
3) Chloromethane	2.360	50	102372	45.984	ug/l	94
4) Vinyl Chloride	2.512	62	82661	48.839	ug/l	97
5) Bromomethane	2.942	94	34736	51.310	ug/l	89
6) Chloroethane	3.118	64	50030	55.444	ug/l	95
7) Trichlorofluoromethane	3.495	101	114382	52.218	ug/l	90
8) Diethyl Ether	3.959	74	51637	51.101	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	66634	52.167	ug/l	98
10) Methyl Iodide	4.589	142	53668	49.772	ug/l	97
11) Tert butyl alcohol	5.518	59	78415	278.868	ug/l	98
12) 1,1-Dichloroethene	4.336	96	65681	46.928	ug/l	89
13) Acrolein	4.177	56	84224	237.522	ug/l	100
14) Allyl chloride	5.024	41	135810	49.092	ug/l	99
15) Acrylonitrile	5.718	53	227480	268.991	ug/l	97
16) Acetone	4.424	43	170091	271.884	ug/l	96
17) Carbon Disulfide	4.712	76	186339	42.765	ug/l #	91
18) Methyl Acetate	5.024	43	130109	59.675	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	255060	51.719	ug/l	100
20) Methylene Chloride	5.277	84	82280	50.103	ug/l #	92
21) trans-1,2-Dichloroethene	5.783	96	74693	49.122	ug/l	89
22) Diisopropyl ether	6.671	45	329435	53.970	ug/l	98
23) Vinyl Acetate	6.600	43	1233357	279.257	ug/l	99
24) 1,1-Dichloroethane	6.571	63	163788	52.909	ug/l	98
25) 2-Butanone	7.483	43	311822	262.415	ug/l	96
26) 2,2-Dichloropropane	7.489	77	111699	44.643	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	89317	50.744	ug/l	98
28) Bromochloromethane	7.812	49	80133	48.892	ug/l	99
29) Tetrahydrofuran	7.836	42	220585	274.340	ug/l	98
30) Chloroform	7.965	83	151321	52.616	ug/l	98
31) Cyclohexane	8.259	56	135120	45.680	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	120476	51.658	ug/l	98
36) 1,1-Dichloropropene	8.371	75	117167	50.156	ug/l	96
37) Ethyl Acetate	7.559	43	125900	52.353	ug/l	98
38) Carbon Tetrachloride	8.359	117	96404	51.219	ug/l	98
39) Methylcyclohexane	9.600	83	110208	47.464	ug/l	99
40) Benzene	8.606	78	345725	50.354	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75726	53.427	ug/l	94
42) 1,2-Dichloroethane	8.671	62	122822	54.909	ug/l	98
43) Isopropyl Acetate	8.689	43	231946	52.976	ug/l	98
44) Trichloroethene	9.347	130	75210	49.733	ug/l	99
45) 1,2-Dichloropropane	9.624	63	100722	54.208	ug/l	98
46) Dibromomethane	9.712	93	55999	50.840	ug/l	99
47) Bromodichloromethane	9.888	83	113944	50.953	ug/l	99
48) Methyl methacrylate	9.677	41	103832	48.918	ug/l	96
49) 1,4-Dioxane	9.694	88	28544	1116.416	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	698540	285.402	ug/l	97
52) Toluene	10.630	92	205184	52.121	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	131381	50.431	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	144832	51.124	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	80713	53.350	ug/l	95
56) Ethyl methacrylate	10.877	69	135578	58.294	ug/l	96
57) 1,3-Dichloropropane	11.165	76	145818	51.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	373864	275.748	ug/l	98
59) 2-Hexanone	11.200	43	508777	267.609	ug/l	96
60) Dibromochloromethane	11.359	129	73576	52.284	ug/l	98
61) 1,2-Dibromoethane	11.471	107	73759	52.021	ug/l	97
64) Tetrachloroethene	11.106	164	58879	50.050	ug/l	94
65) Chlorobenzene	11.894	112	194936	49.904	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	68419	53.863	ug/l	96
67) Ethyl Benzene	11.965	91	382550	52.692	ug/l	95
68) m/p-Xylenes	12.071	106	265168	102.845	ug/l	89
69) o-Xylene	12.400	106	132605	51.759	ug/l	92
70) Styrene	12.412	104	214566	52.148	ug/l	91
71) Bromoform	12.582	173	48565	56.545	ug/l #	96
73) Isopropylbenzene	12.700	105	337988	50.078	ug/l	97
74) N-amyl acetate	12.494	43	217683	51.948	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	118044	49.721	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	153048	68.853	ug/l	61
77) Bromobenzene	12.982	156	66227	45.904	ug/l	92
78) n-propylbenzene	13.035	91	411152	50.992	ug/l	100
79) 2-Chlorotoluene	13.129	91	245864	47.976	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	275109	51.182	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	38979	45.175	ug/l #	82
82) 4-Chlorotoluene	13.224	91	250057	49.278	ug/l	98
83) tert-Butylbenzene	13.441	119	213875	49.826	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	278696	51.175	ug/l	99
85) sec-Butylbenzene	13.618	105	324571	51.290	ug/l	99
86) p-Isopropyltoluene	13.729	119	249901	50.816	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	127623	49.455	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	125316	48.437	ug/l	97
89) n-Butylbenzene	14.059	91	236615	49.168	ug/l	98
90) Hexachloroethane	14.335	117	42374	49.243	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	124440	52.686	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22105	49.813	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	59877	49.255	ug/l	100
94) Hexachlorobutadiene	15.506	225	23685	44.596	ug/l	97
95) Naphthalene	15.647	128	233297	50.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	56414	47.212	ug/l	96

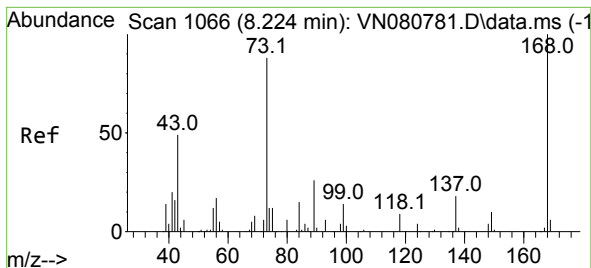
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

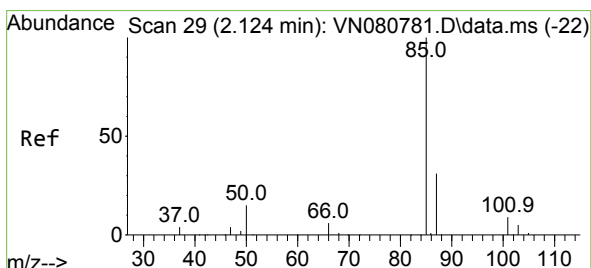
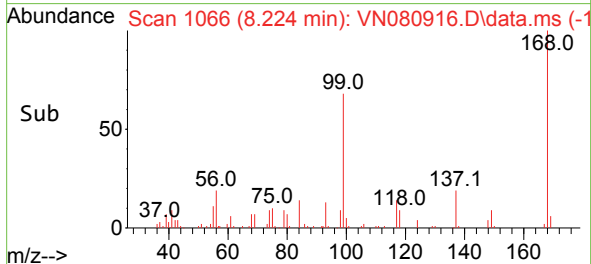
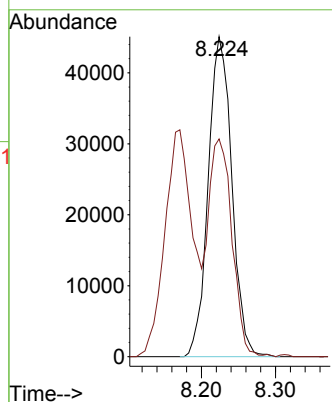
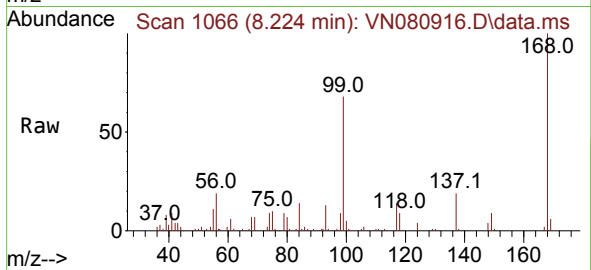
VSTDCCC050EC

Tgt Ion:168 Resp: 99711

Ion Ratio Lower Upper

168 100

99 67.6 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 49.140 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080916.D

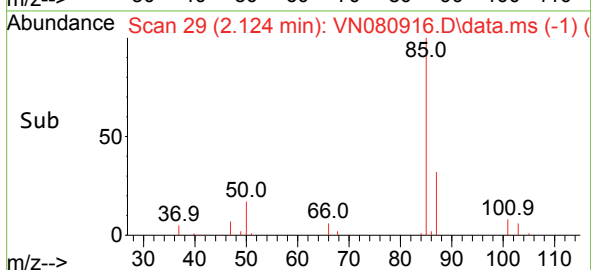
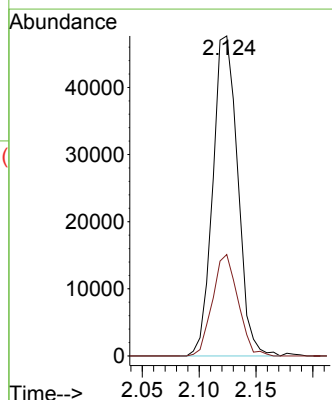
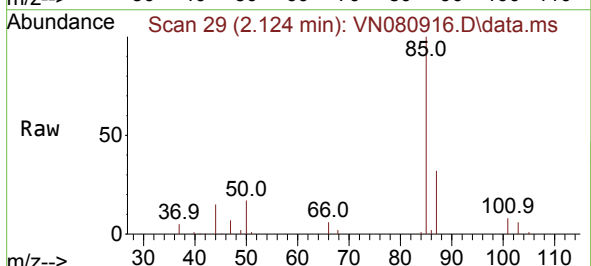
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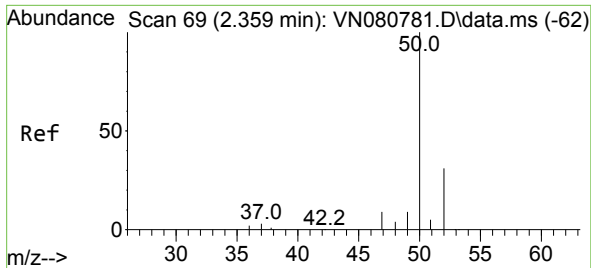
Tgt Ion: 85 Resp: 72777

Ion Ratio Lower Upper

85 100

87 31.7 15.3 45.9

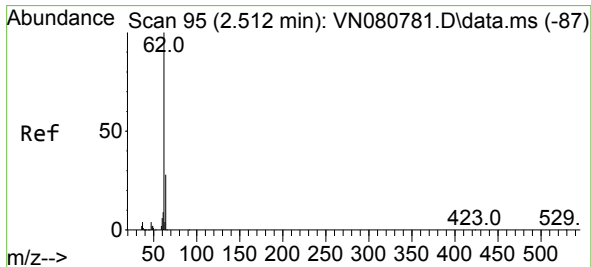
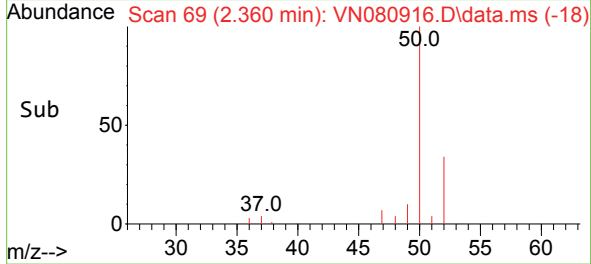
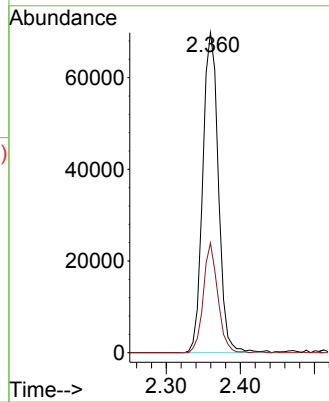
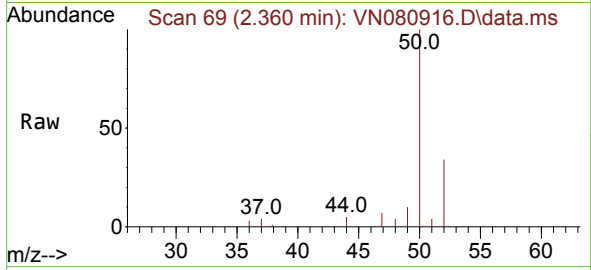




#3
Chloromethane
Concen: 45.984 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

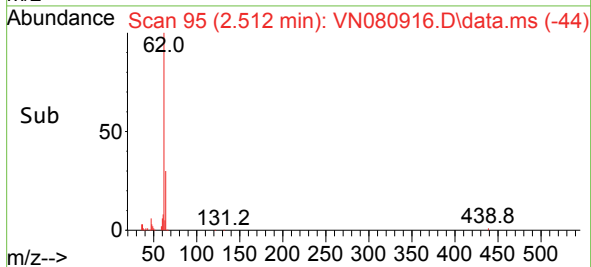
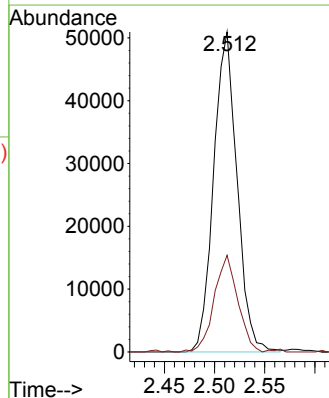
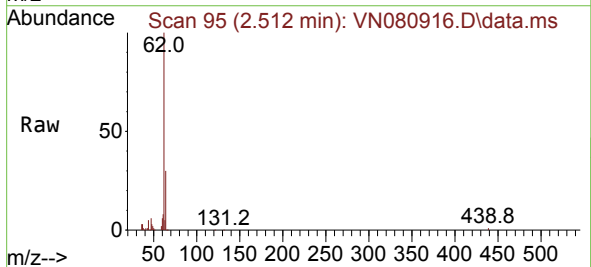
Instrument :
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ClientSampleId :
VSTDCCC050EC

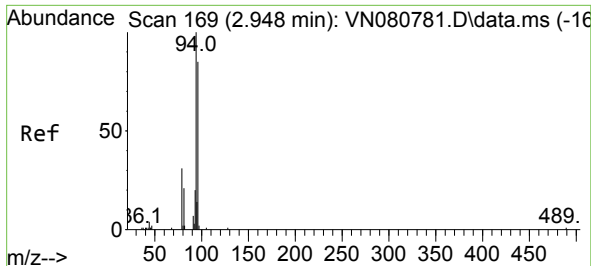
Tgt Ion: 50 Resp: 102372
Ion Ratio Lower Upper
50 100
52 34.3 25.0 37.4



#4
Vinyl Chloride
Concen: 48.839 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 62 Resp: 82661
Ion Ratio Lower Upper
62 100
64 30.2 22.7 34.1

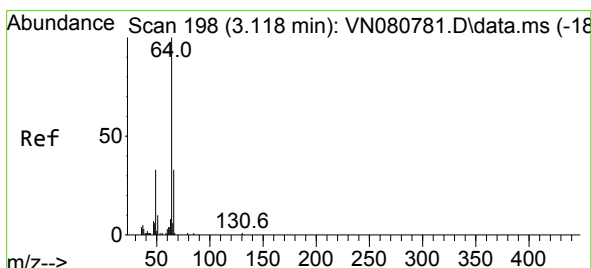
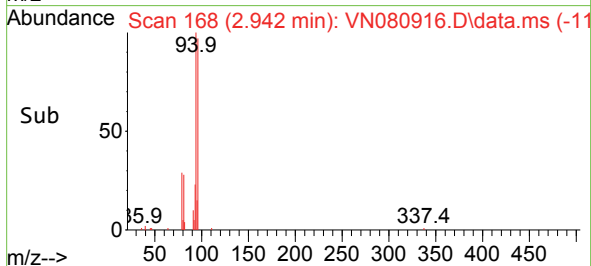
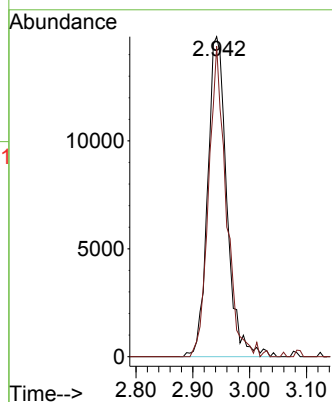
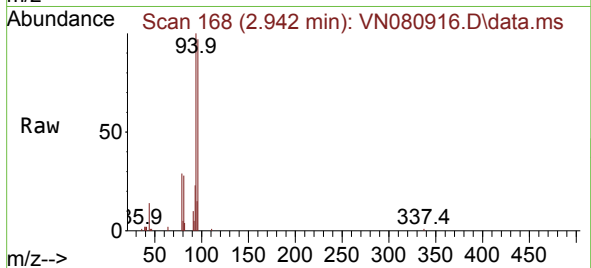




#5
Bromomethane
Concen: 51.310 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

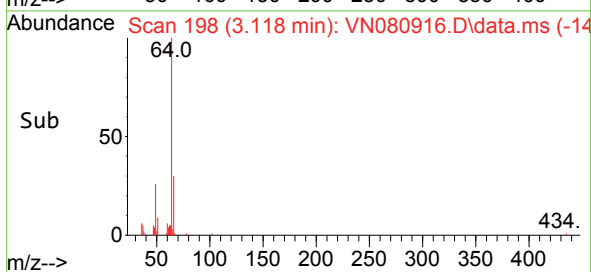
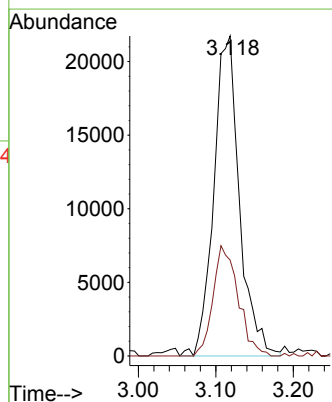
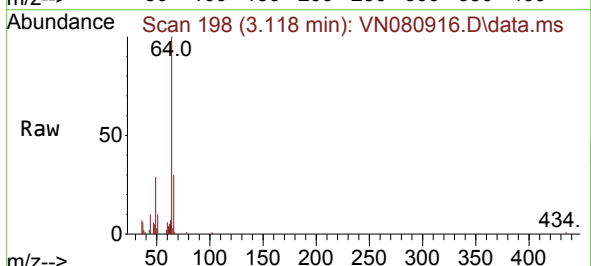
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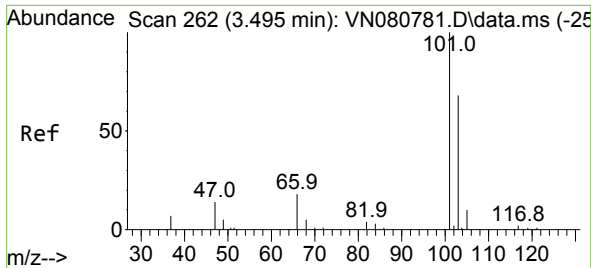
Tgt Ion: 94 Resp: 34736
Ion Ratio Lower Upper
94 100
96 97.0 69.2 103.8



#6
Chloroethane
Concen: 55.444 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 64 Resp: 50030
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6

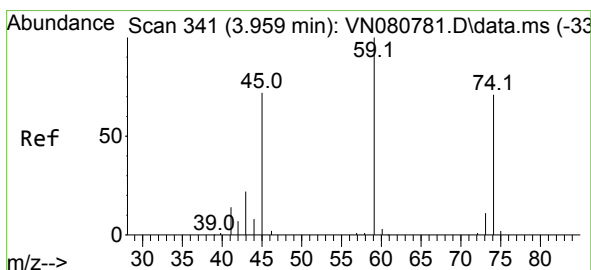
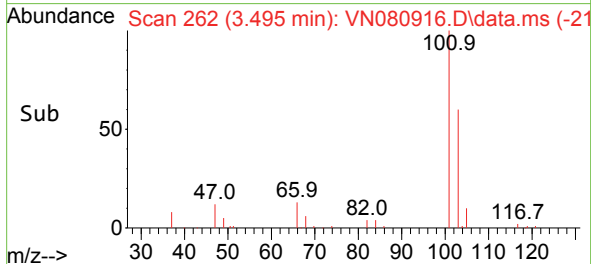
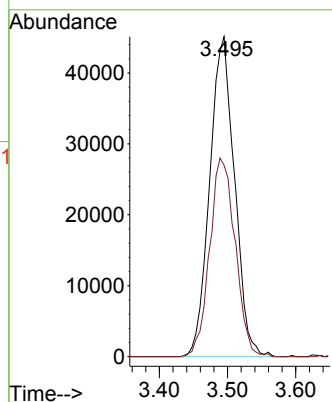
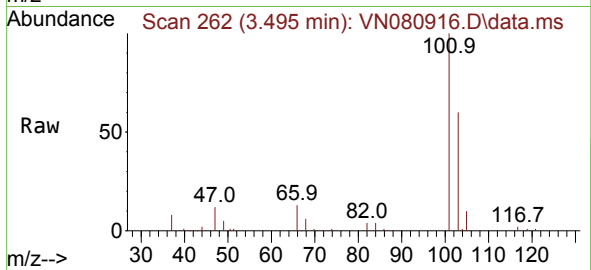




#7
Trichlorofluoromethane
Concen: 52.218 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

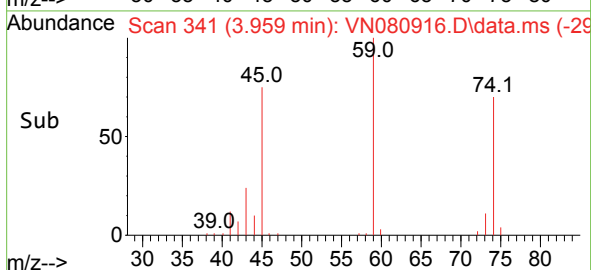
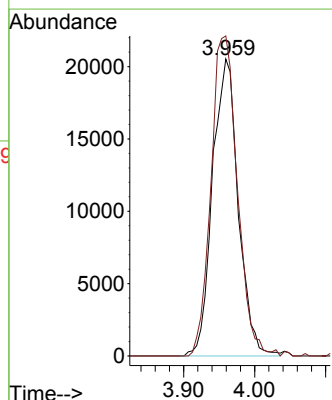
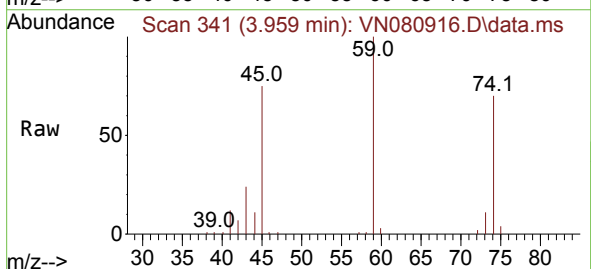
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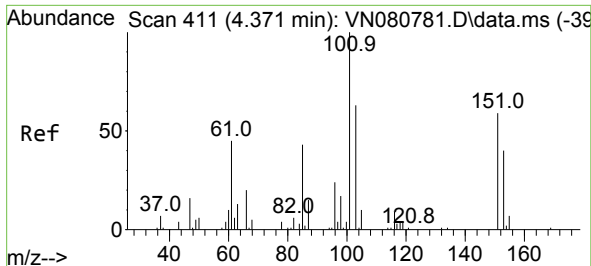
Tgt Ion:101 Resp: 114382
Ion Ratio Lower Upper
101 100
103 59.9 54.4 81.6



#8
Diethyl Ether
Concen: 51.101 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 74 Resp: 51637
Ion Ratio Lower Upper
74 100
45 110.7 53.3 159.9

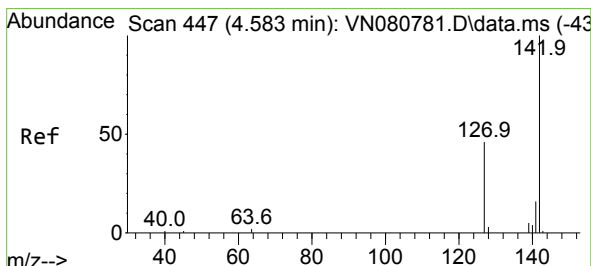
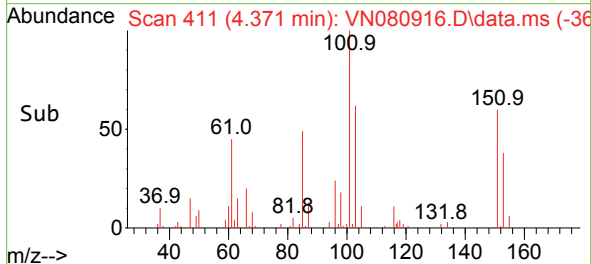
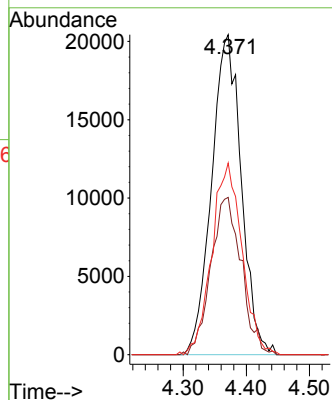
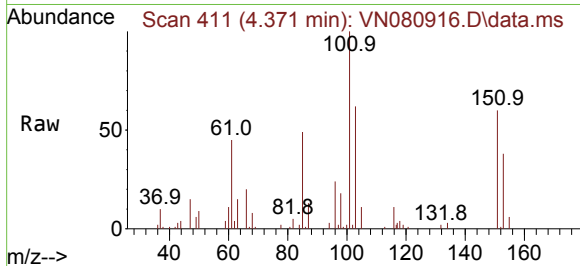




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.167 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080916.D
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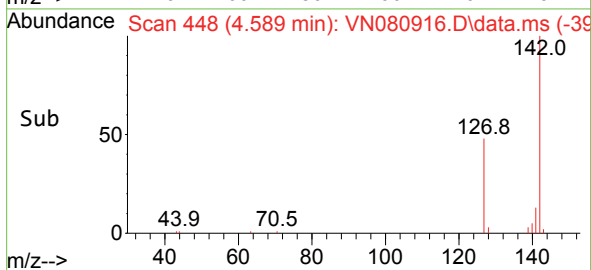
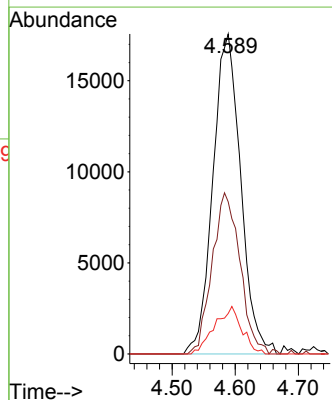
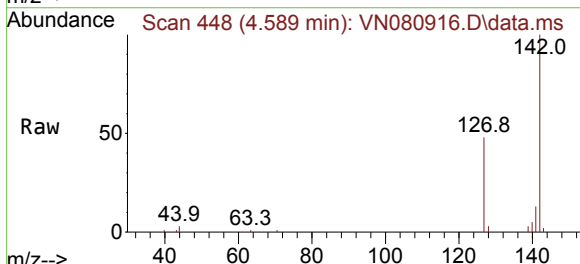
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

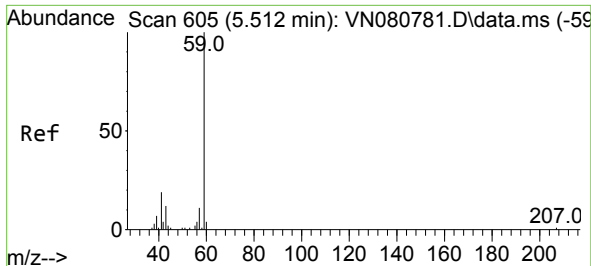
Tgt Ion:101 Resp: 66634
Ion Ratio Lower Upper
101 100
85 50.4 38.1 57.1
151 60.8 49.1 73.7



#10
Methyl Iodide
Concen: 49.772 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:142 Resp: 53668
Ion Ratio Lower Upper
142 100
127 47.6 37.0 55.4
141 12.6 12.5 18.7

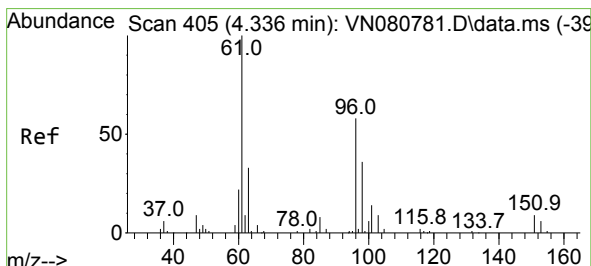
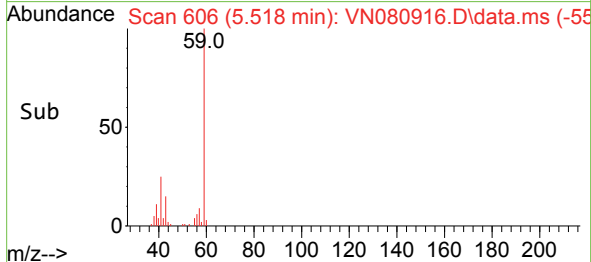
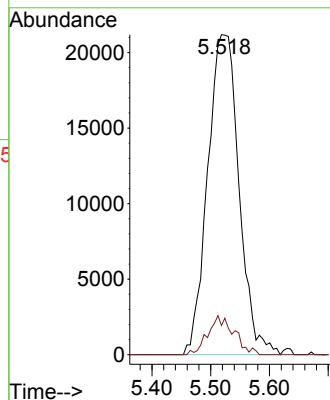
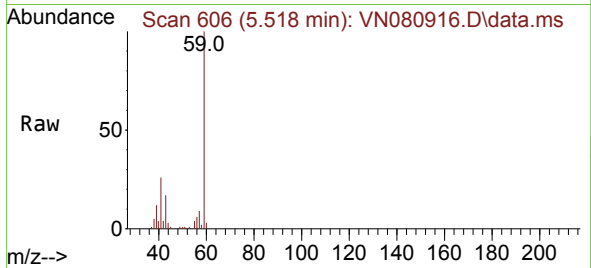




#11
Tert butyl alcohol
Concen: 278.868 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

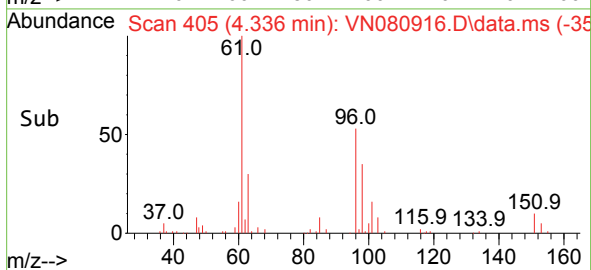
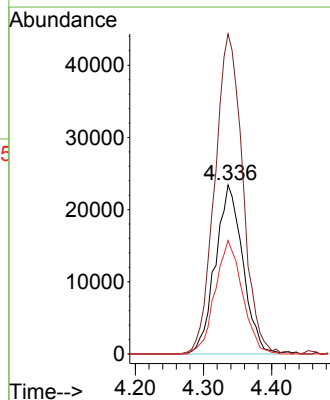
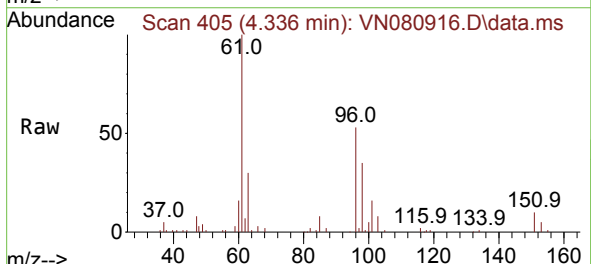
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

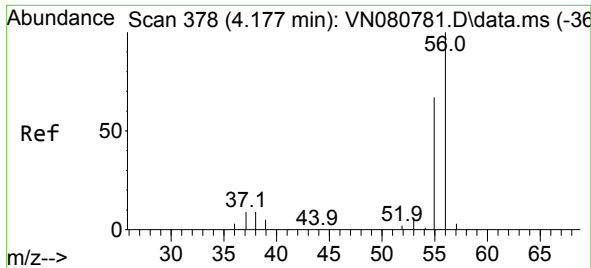
Tgt Ion: 59 Resp: 78415
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.928 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 96 Resp: 65681
Ion Ratio Lower Upper
96 100
61 189.3 138.2 207.4
98 67.2 49.2 73.8

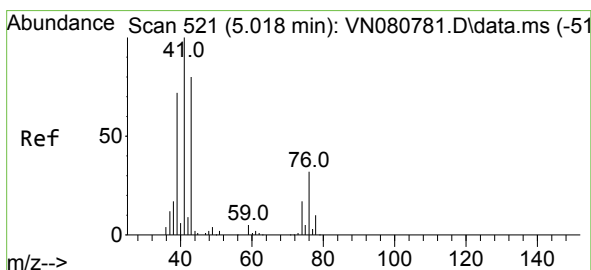
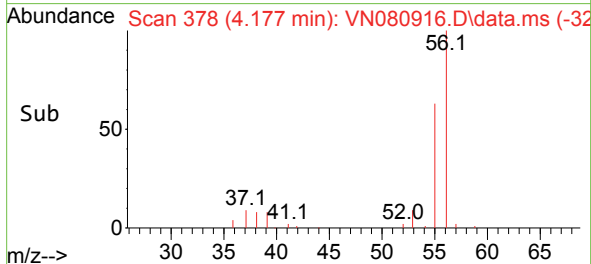
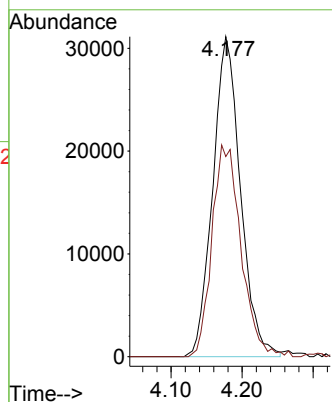
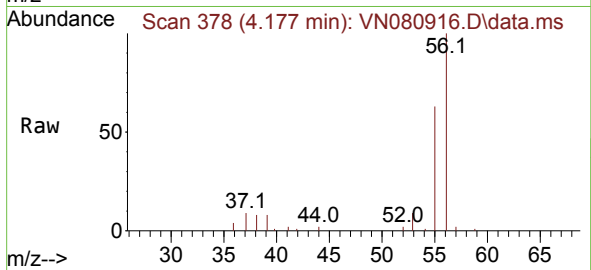




#13
Acrolein
Concen: 237.522 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

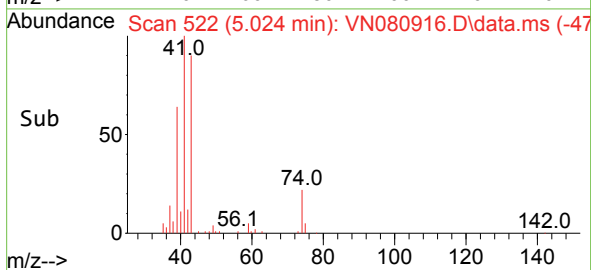
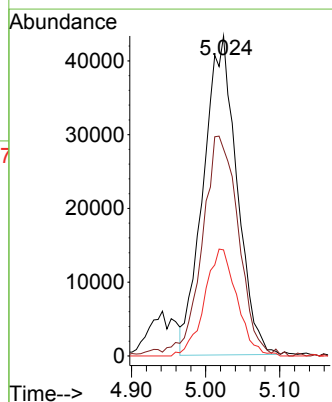
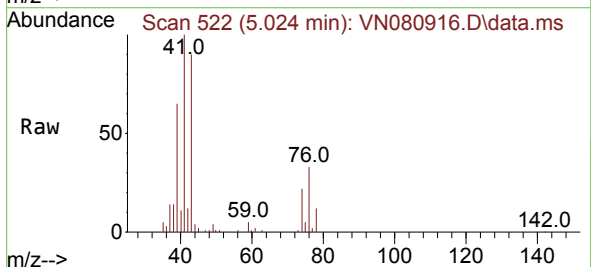
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

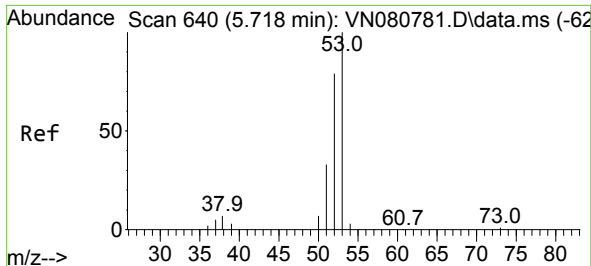
Tgt Ion: 56 Resp: 84224
Ion Ratio Lower Upper
56 100
55 69.3 55.3 82.9



#14
Allyl chloride
Concen: 49.092 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 41 Resp: 135810
Ion Ratio Lower Upper
41 100
39 72.7 57.7 86.5
76 32.5 26.8 40.2

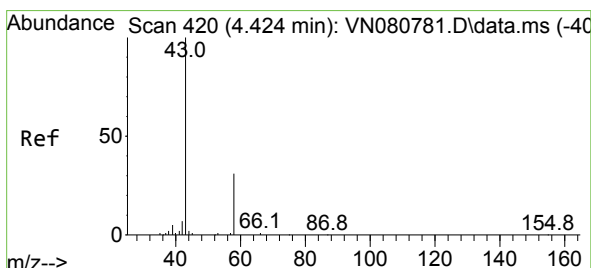
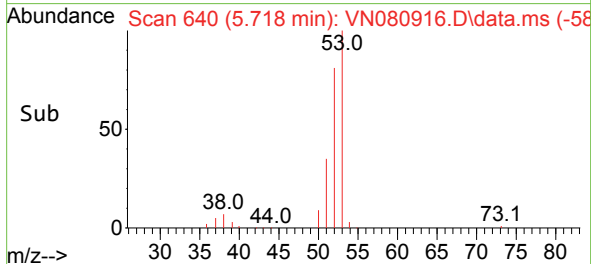
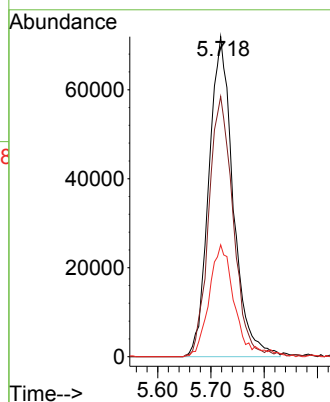
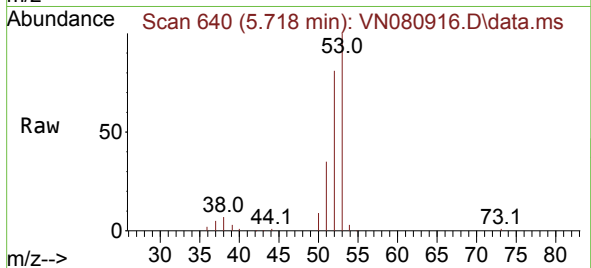




#15
Acrylonitrile
Concen: 268.991 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

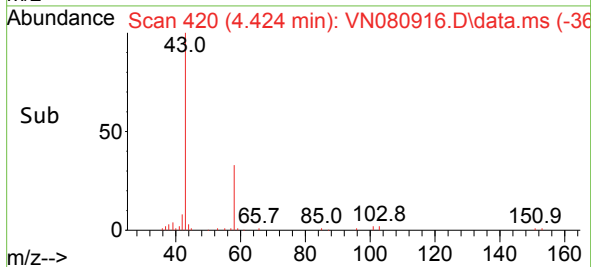
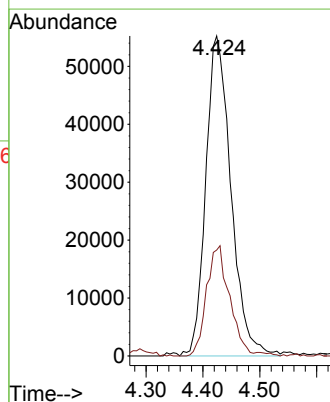
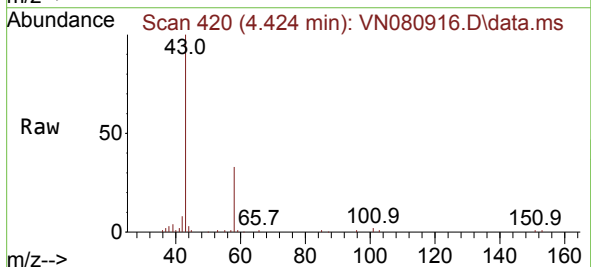
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

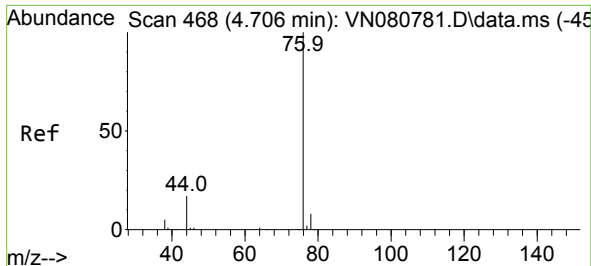
Tgt Ion: 53 Resp: 227480
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 36.8 26.9 40.3



#16
Acetone
Concen: 271.884 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 43 Resp: 170091
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2

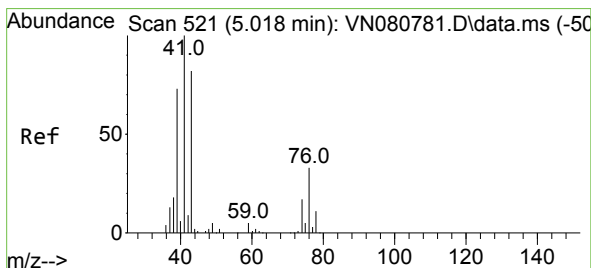
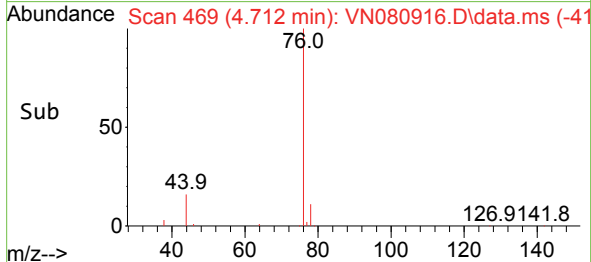
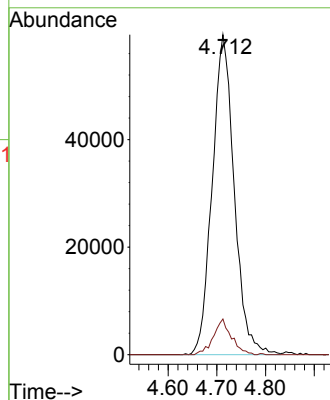
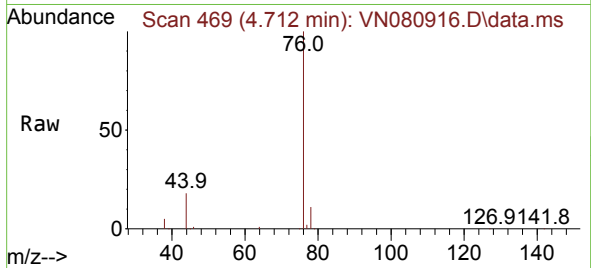




#17
Carbon Disulfide
Concen: 42.765 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

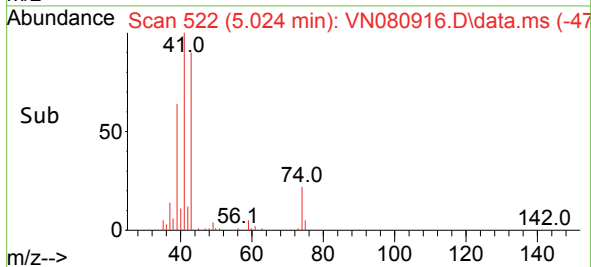
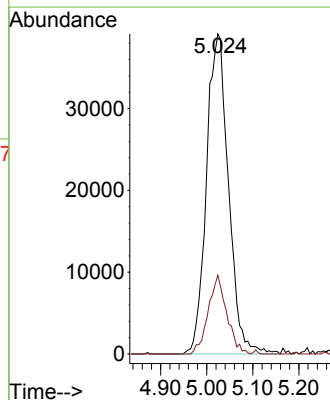
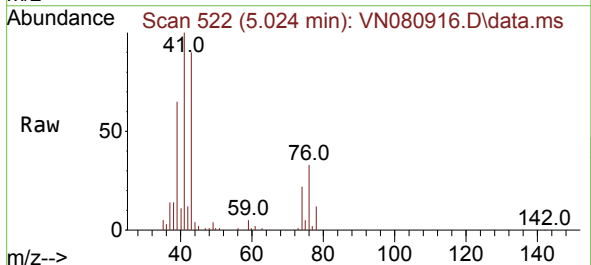
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

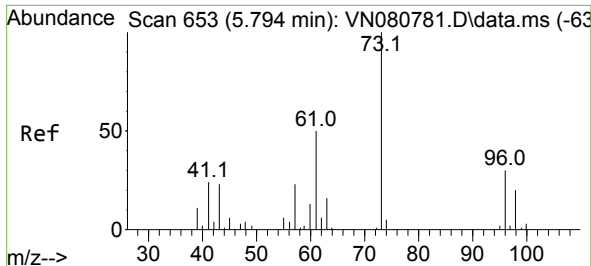
Tgt Ion: 76 Resp: 186339
Ion Ratio Lower Upper
76 100
78 11.1 6.3 9.5#



#18
Methyl Acetate
Concen: 59.675 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 43 Resp: 130109
Ion Ratio Lower Upper
43 100
74 20.7 17.3 25.9





#19

Methyl tert-butyl Ether

Concen: 51.719 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

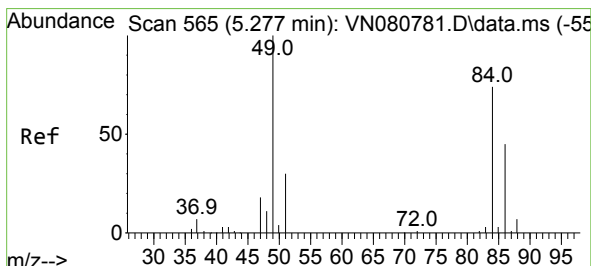
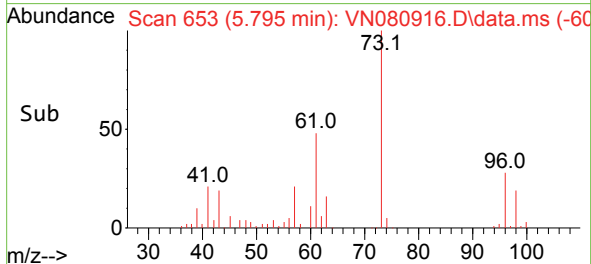
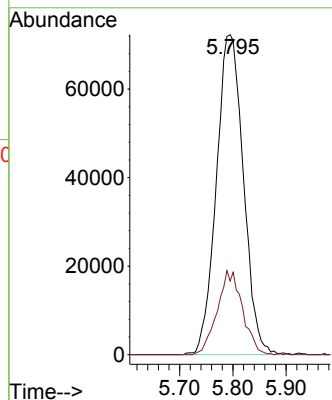
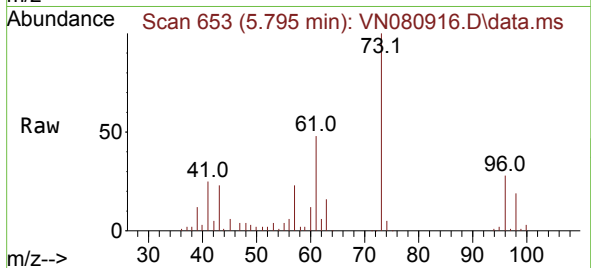
VSTDCCC050EC

Tgt Ion: 73 Resp: 255060

Ion Ratio Lower Upper

73 100

57 23.0 18.2 27.4



#20

Methylene Chloride

Concen: 50.103 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Tgt Ion: 84 Resp: 82280

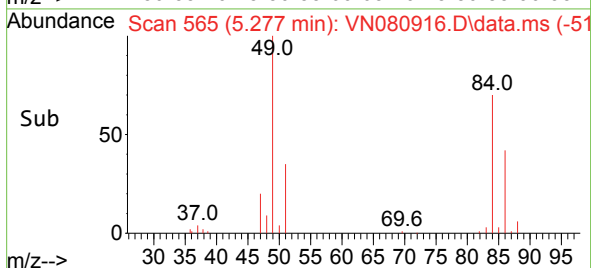
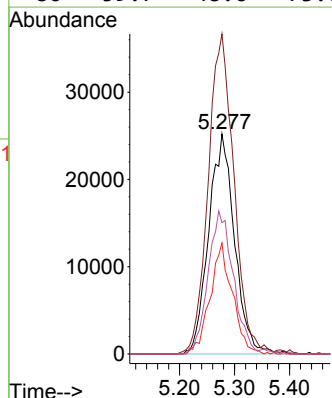
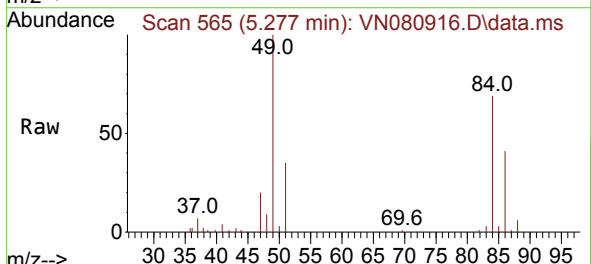
Ion Ratio Lower Upper

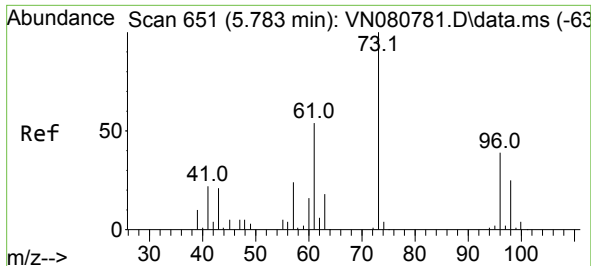
84 100

49 144.8 108.1 162.1

51 50.4 32.9 49.3#

86 59.7 48.6 73.0

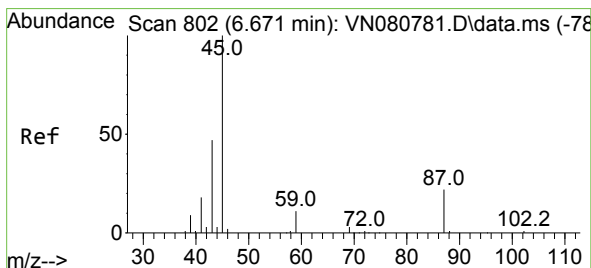
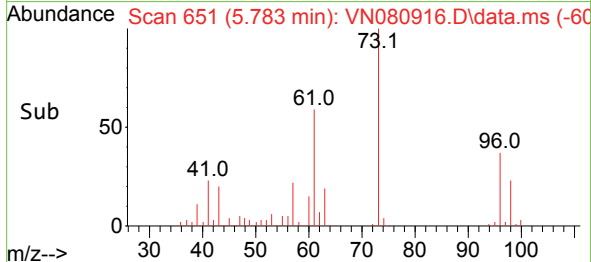
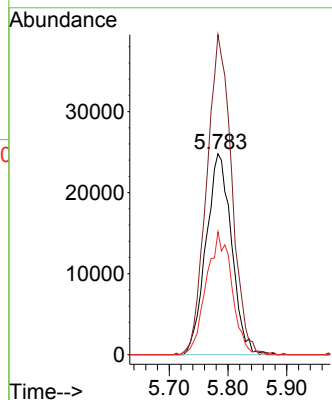
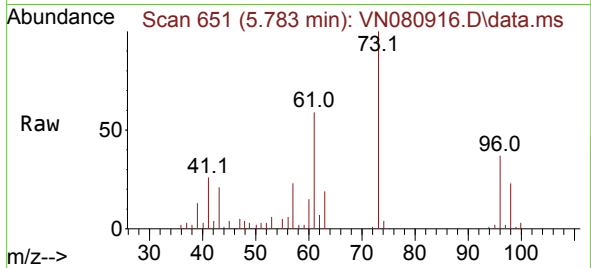




#21
trans-1,2-Dichloroethene
Concen: 49.122 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

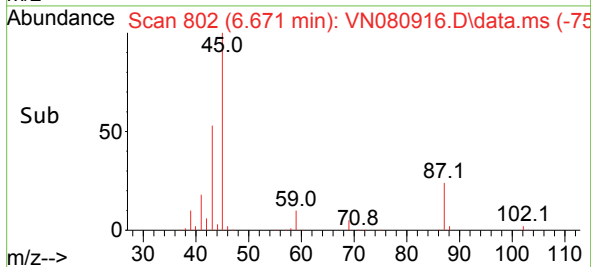
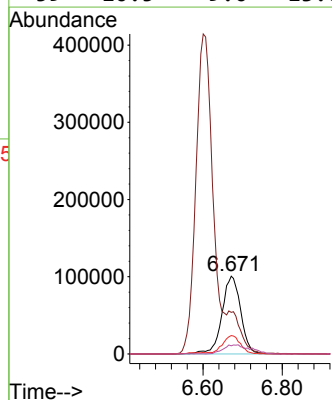
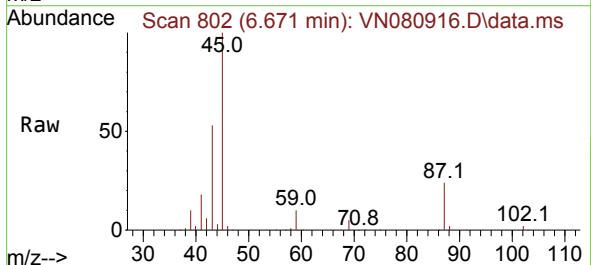
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

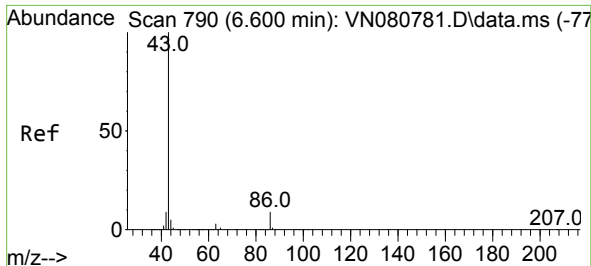
Tgt Ion: 96 Resp: 74693
Ion Ratio Lower Upper
96 100
61 159.2 112.8 169.2
98 61.1 51.0 76.4



#22
Diisopropyl ether
Concen: 53.970 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 45 Resp: 329435
Ion Ratio Lower Upper
45 100
43 53.1 41.8 62.8
87 23.8 18.1 27.1
59 10.5 9.0 13.6

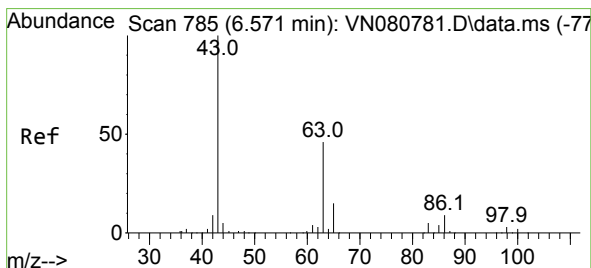
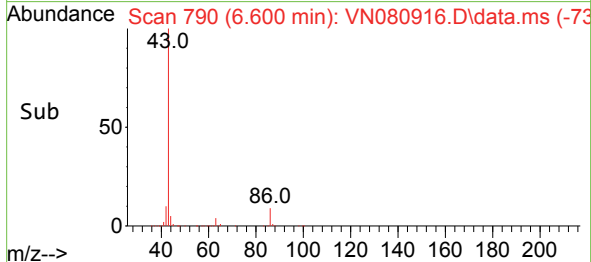
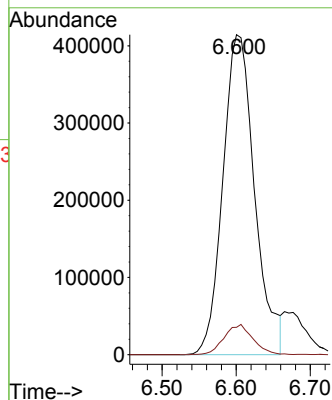
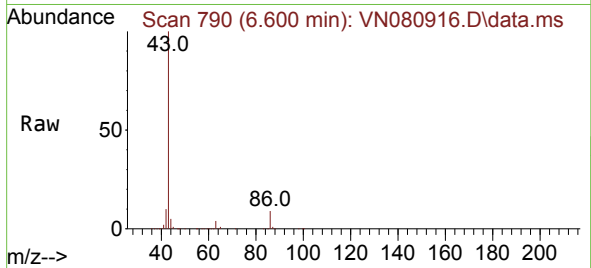




#23
 Vinyl Acetate
 Concen: 279.257 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

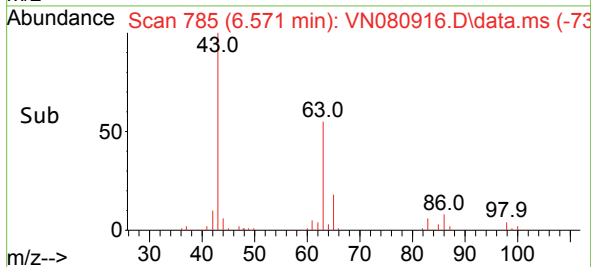
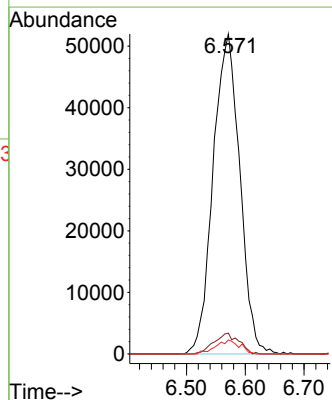
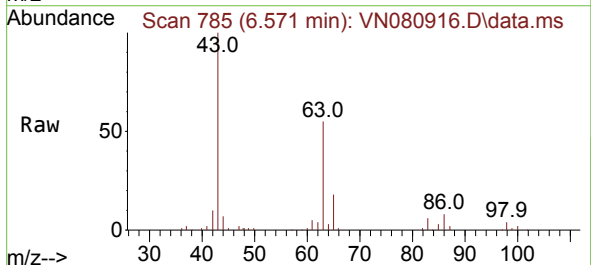
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

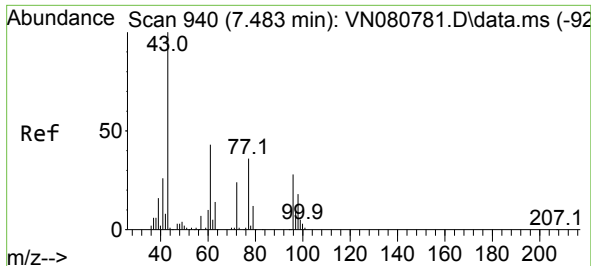
Tgt Ion: 43 Resp: 1233357
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.909 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

Tgt Ion: 63 Resp: 163788
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.4 1.9 5.7

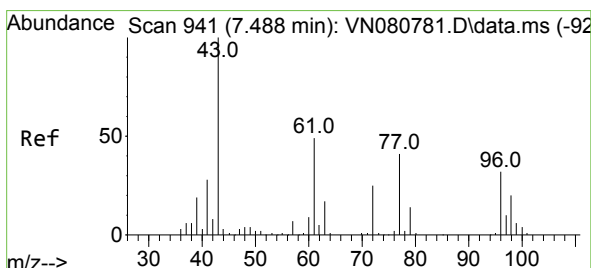
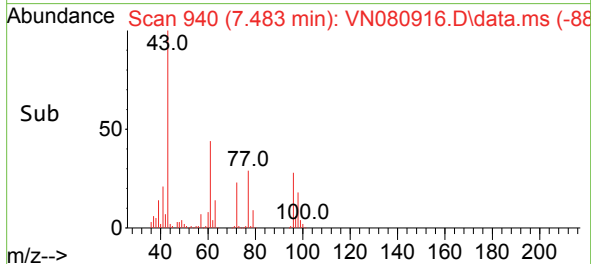
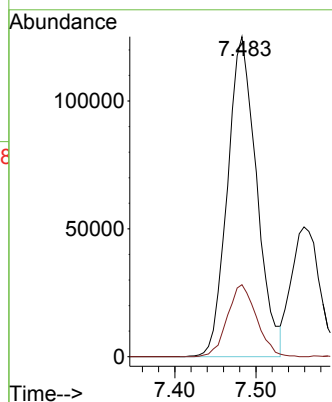
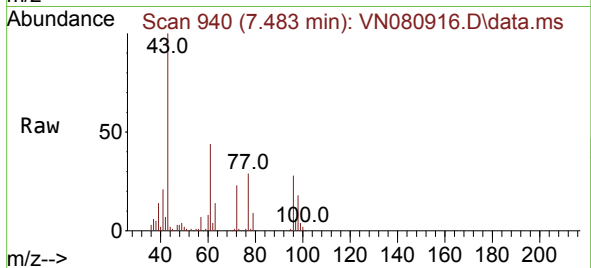




#25
2-Butanone
Concen: 262.415 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

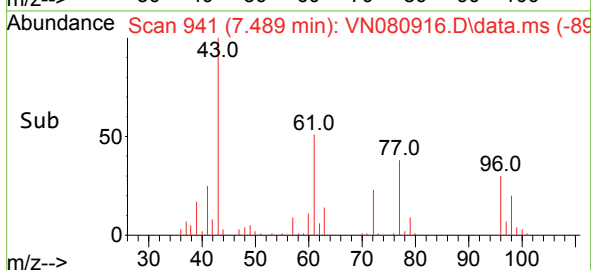
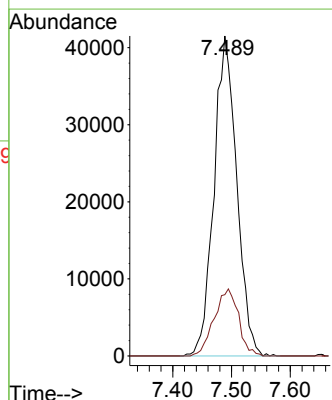
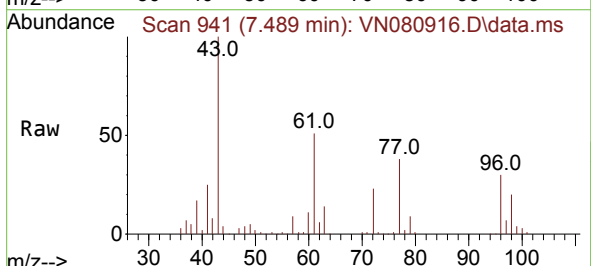
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

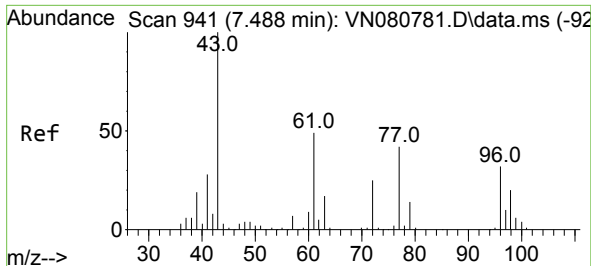
Tgt Ion: 43 Resp: 311822
Ion Ratio Lower Upper
43 100
72 22.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 44.643 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 77 Resp: 111699
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5



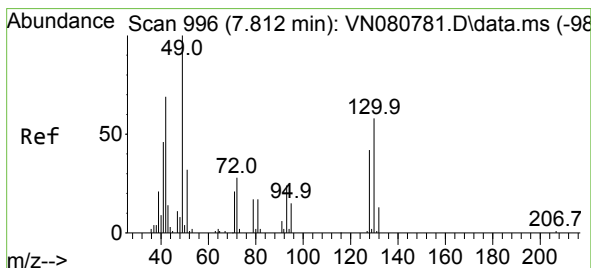
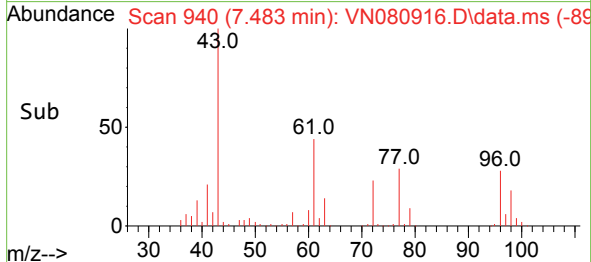
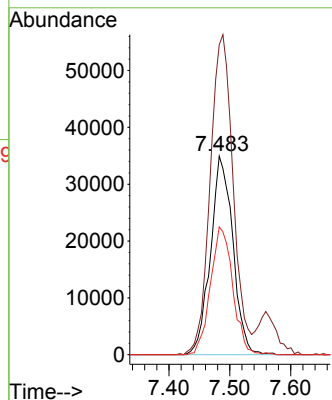
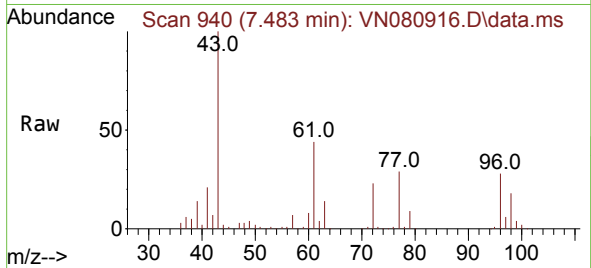


#27
 cis-1,2-Dichloroethene
 Concen: 50.744 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 89317

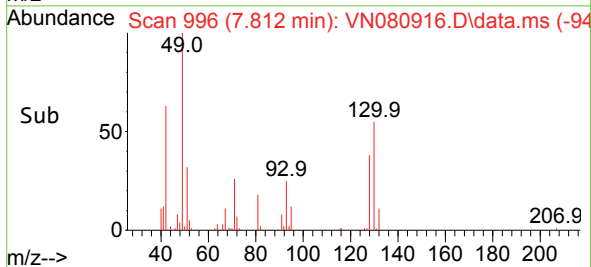
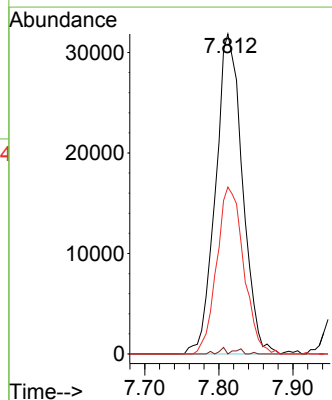
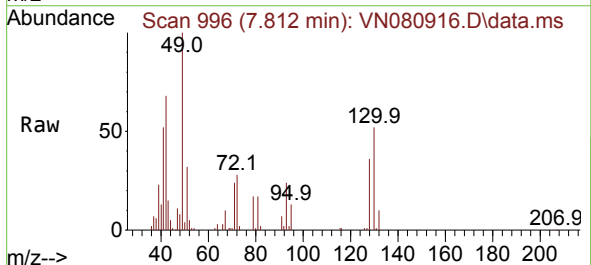
Ion	Ratio	Lower	Upper
96	100		
61	165.0	0.0	325.4
98	63.9	0.0	130.4

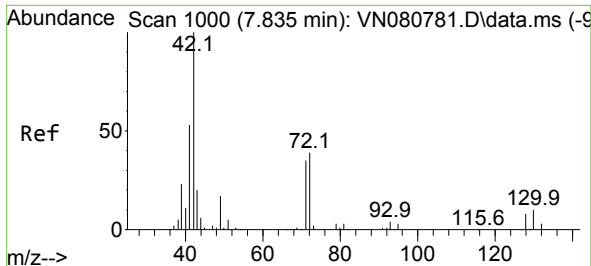


#28
 Bromochloromethane
 Concen: 48.892 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

Tgt Ion: 49 Resp: 80133

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.6
130	52.4	42.3	63.5





#29

Tetrahydrofuran

Concen: 274.340 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

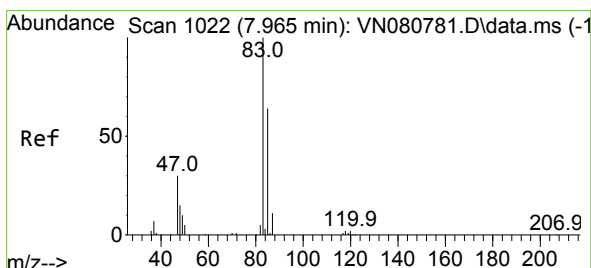
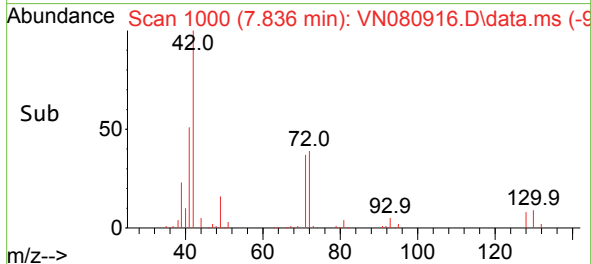
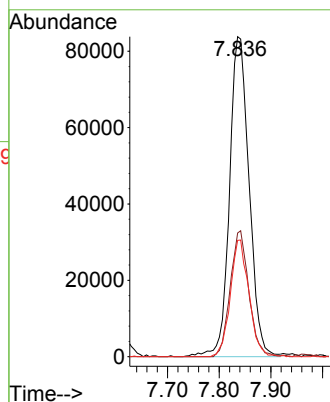
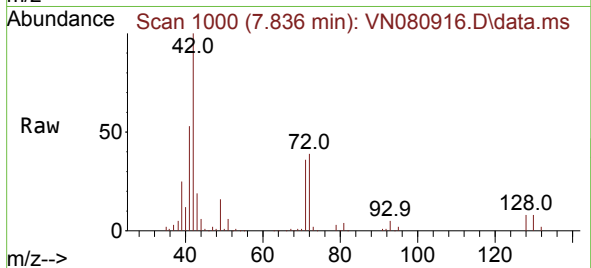
Tgt Ion: 42 Resp: 220585

Ion Ratio Lower Upper

42 100

72 37.2 31.1 46.7

71 34.6 28.3 42.5



#30

Chloroform

Concen: 52.616 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080916.D

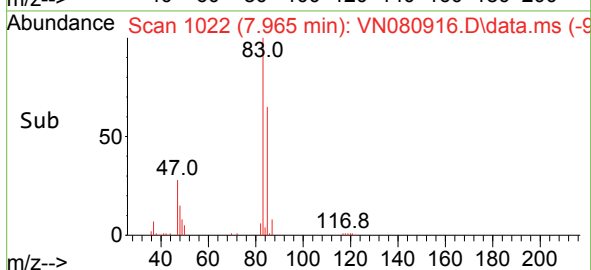
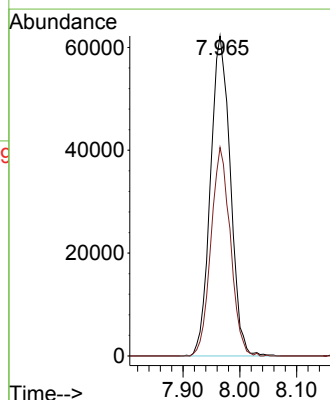
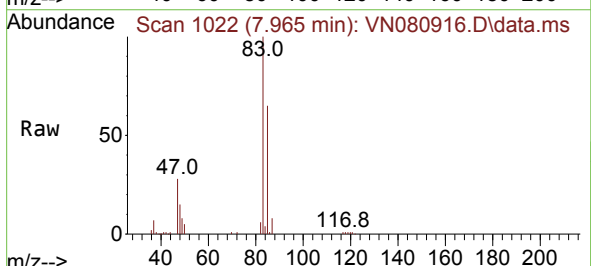
Acq: 05 Feb 2024 23:02

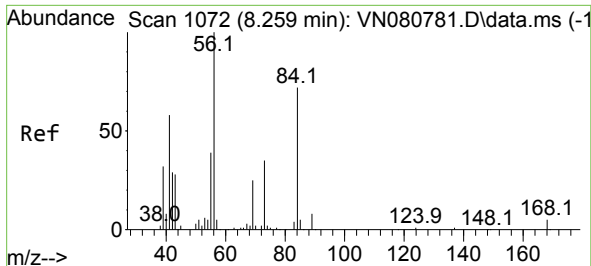
Tgt Ion: 83 Resp: 151321

Ion Ratio Lower Upper

83 100

85 65.2 51.0 76.6

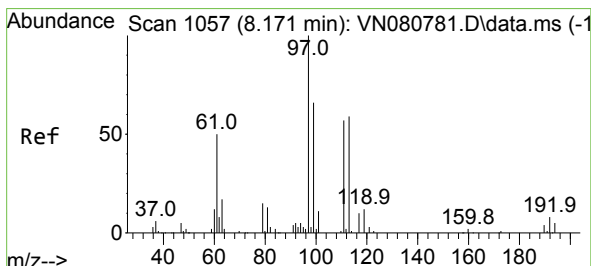
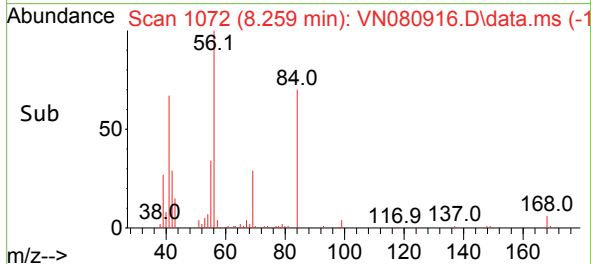
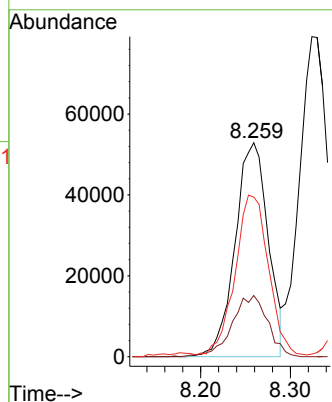
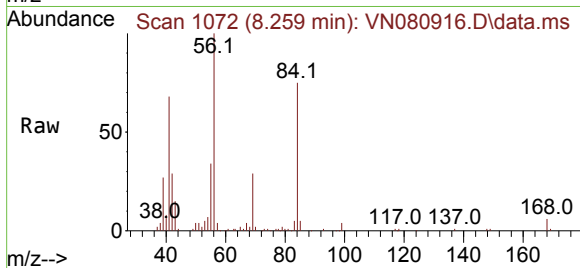




#31
Cyclohexane
Concen: 45.680 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

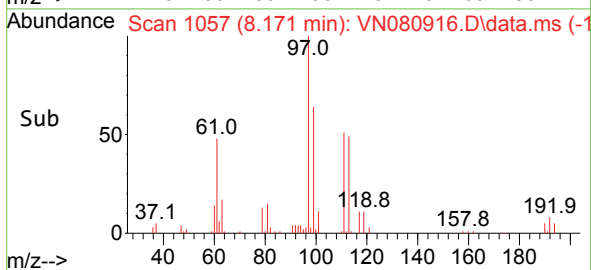
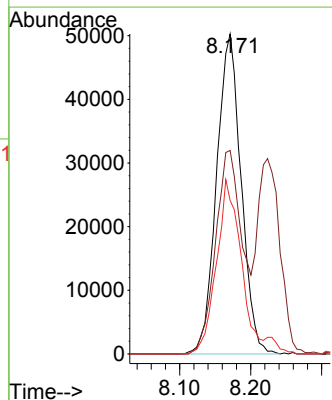
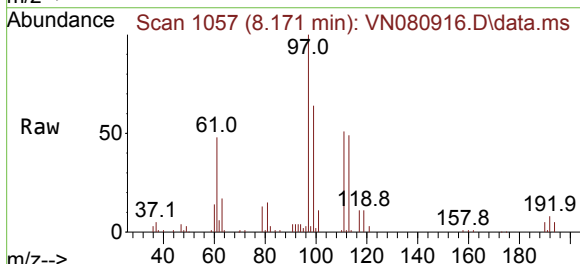
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

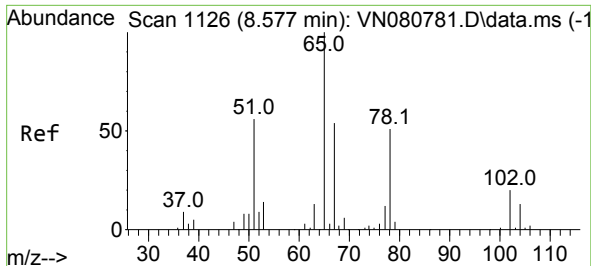
Tgt Ion: 56 Resp: 135120
Ion Ratio Lower Upper
56 100
69 28.6 20.1 30.1
84 72.7 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 51.658 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 97 Resp: 120476
Ion Ratio Lower Upper
97 100
99 69.0 53.4 80.0
61 54.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.954 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

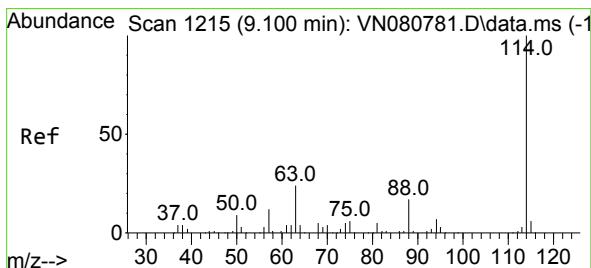
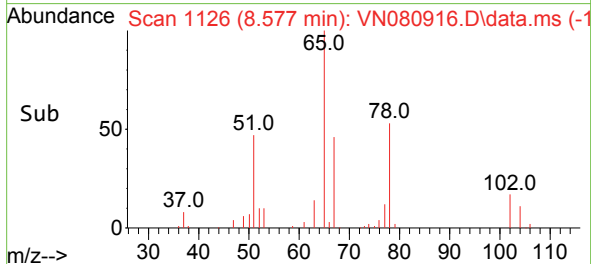
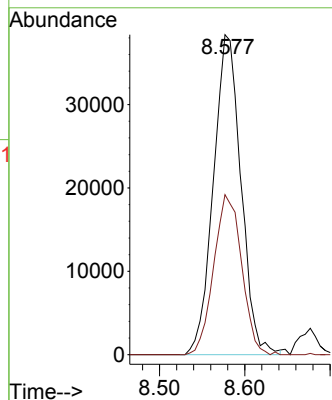
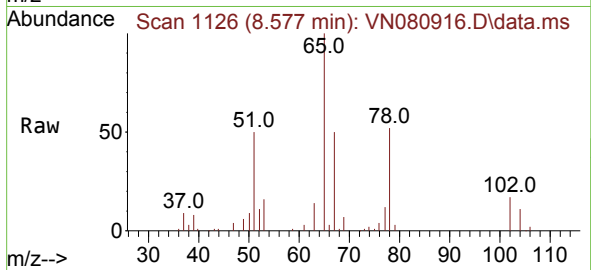
VSTDCCC050EC

Tgt Ion: 65 Resp: 86169

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

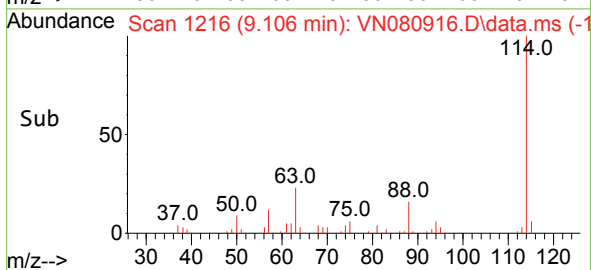
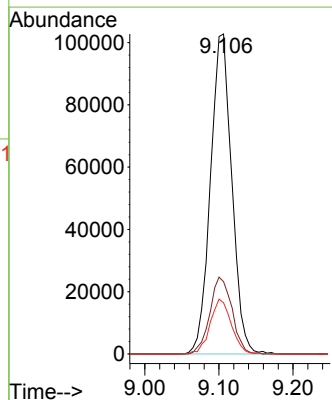
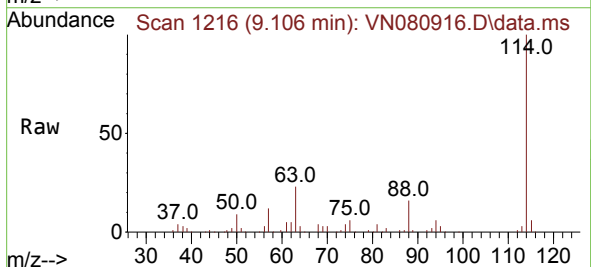
Tgt Ion: 114 Resp: 205433

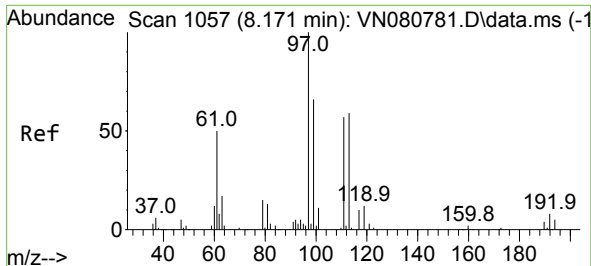
Ion Ratio Lower Upper

114 100

63 22.6 0.0 48.0

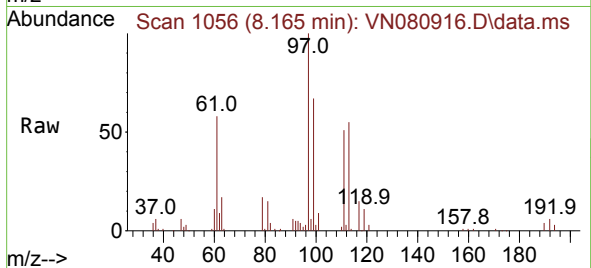
88 16.0 0.0 34.8



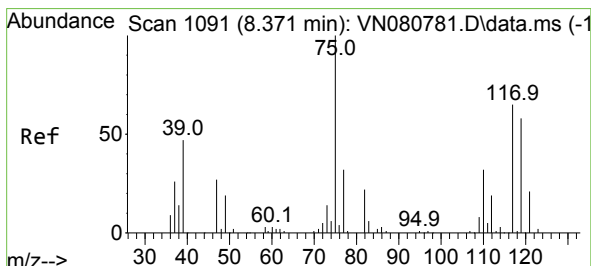
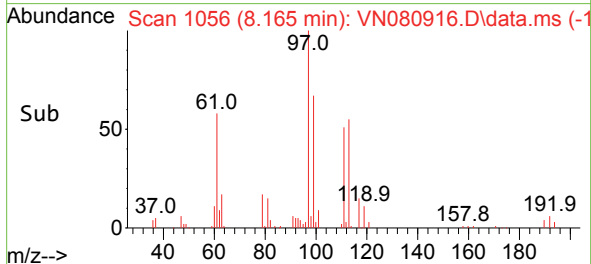
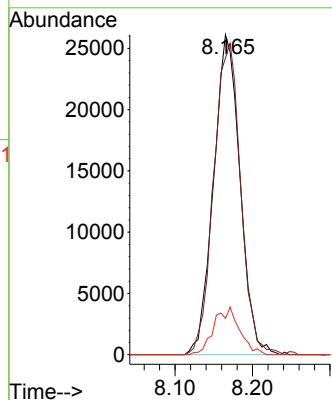


#35
Dibromofluoromethane
Concen: 49.262 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

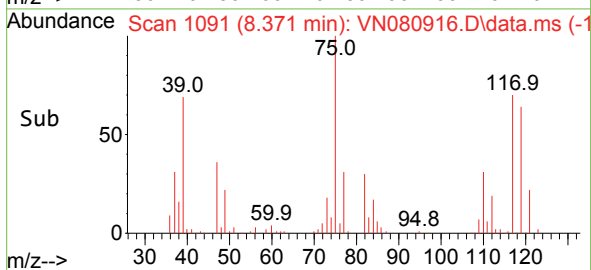
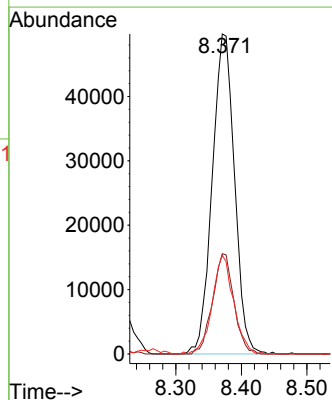
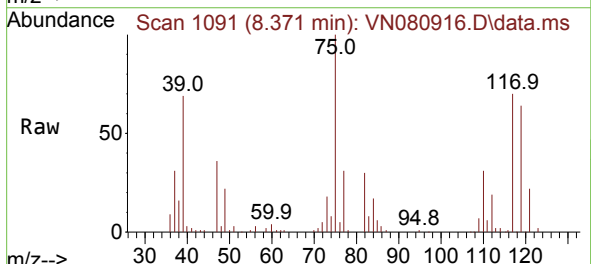


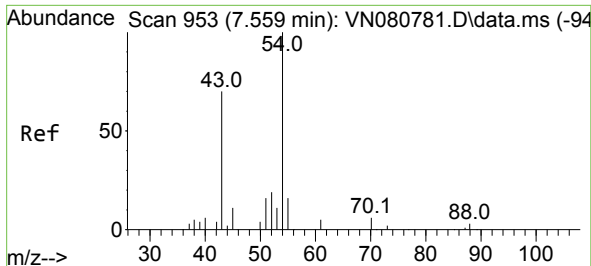
Tgt Ion:113 Resp: 61915
Ion Ratio Lower Upper
113 100
111 99.5 82.2 123.4
192 14.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 50.156 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 75 Resp: 117167
Ion Ratio Lower Upper
75 100
110 29.9 16.0 48.0
77 29.6 25.8 38.6

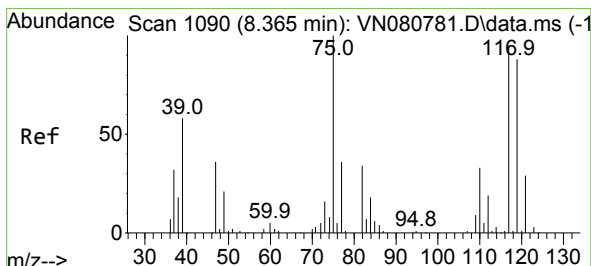
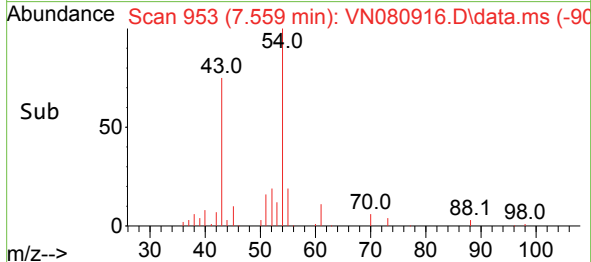
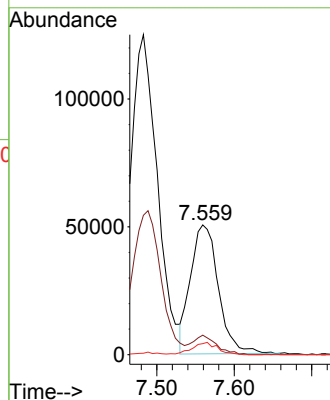
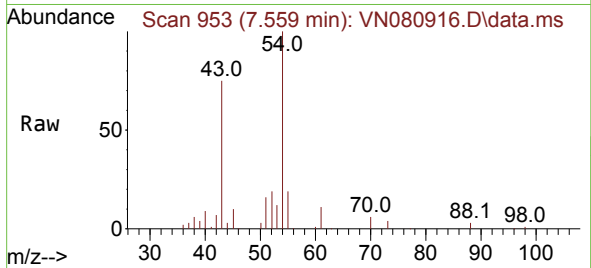




#37
Ethyl Acetate
Concen: 52.353 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

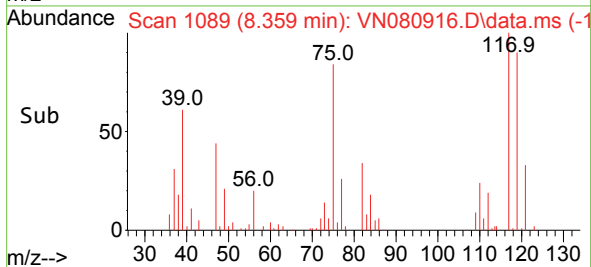
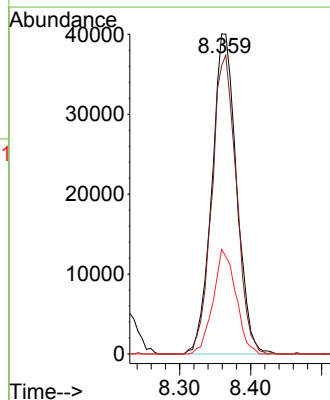
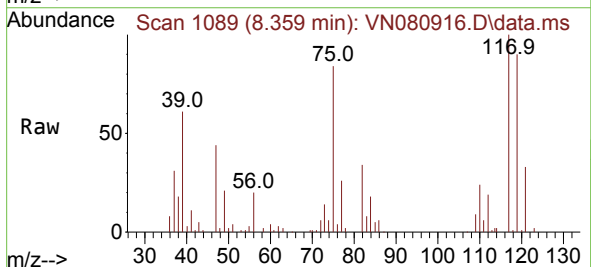
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

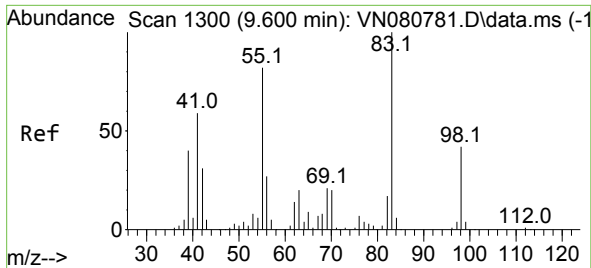
Tgt Ion: 43 Resp: 125900
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 8.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 51.219 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 117 Resp: 96404
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.2
121 32.6 24.4 36.6

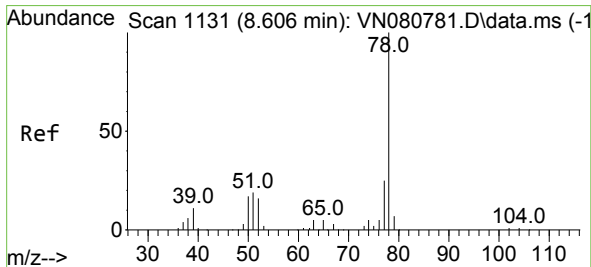
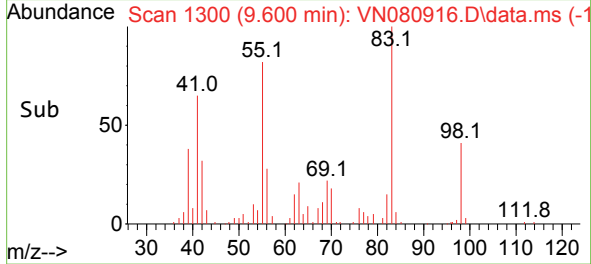
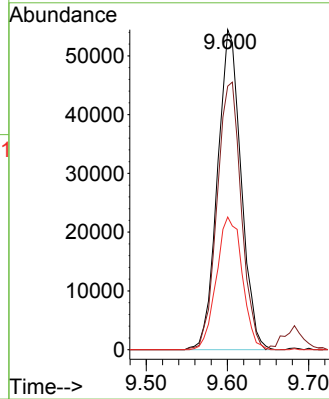
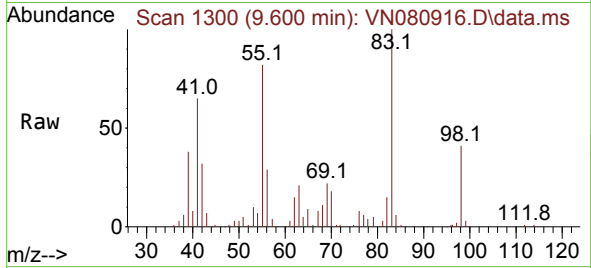




#39
Methylcyclohexane
Concen: 47.464 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

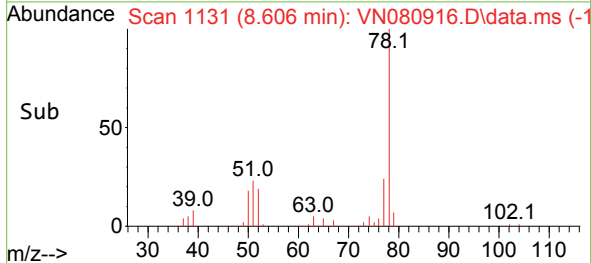
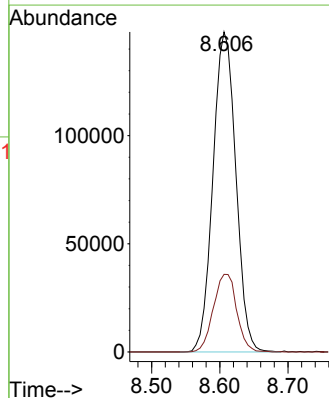
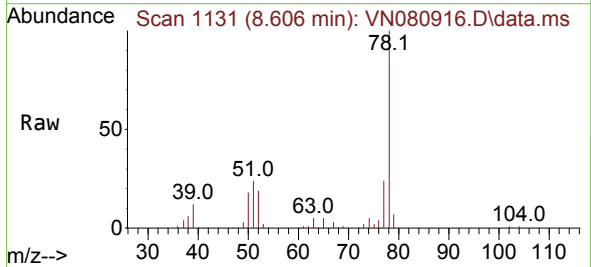
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

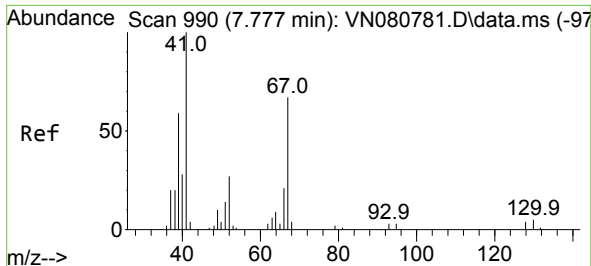
Tgt Ion: 83 Resp: 110208
Ion Ratio Lower Upper
83 100
55 82.3 65.7 98.5
98 41.5 33.8 50.6



#40
Benzene
Concen: 50.354 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 78 Resp: 345725
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6



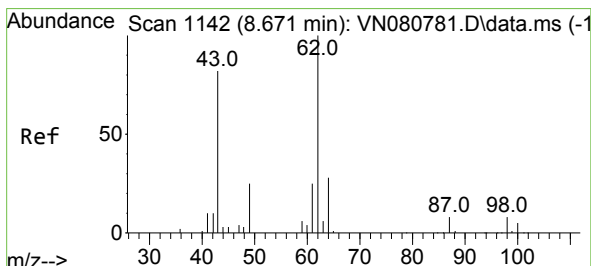
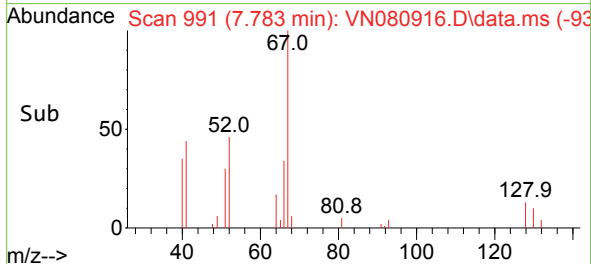
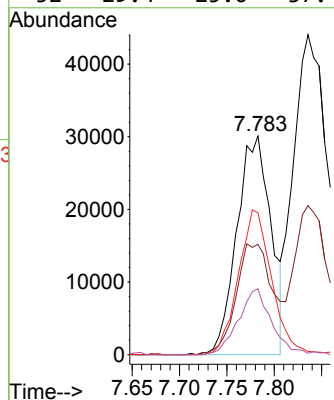
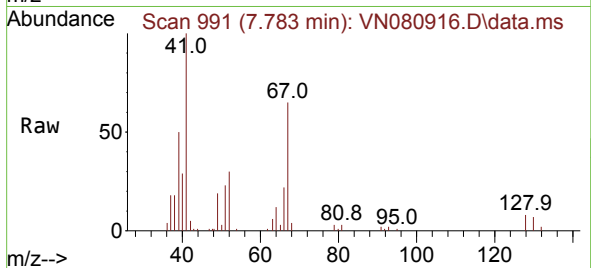


#41
Methacrylonitrile
Concen: 53.427 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 75726

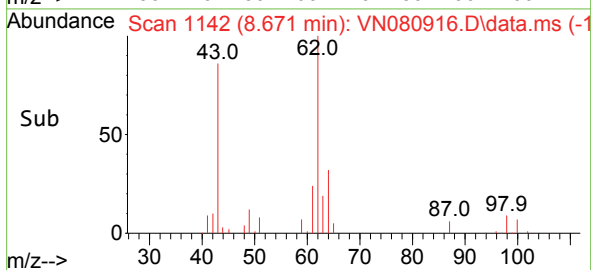
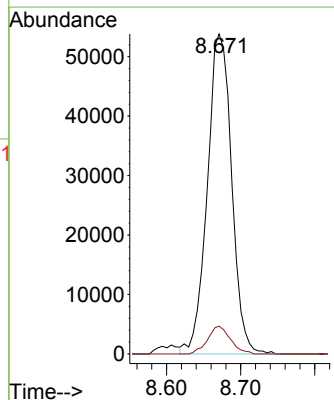
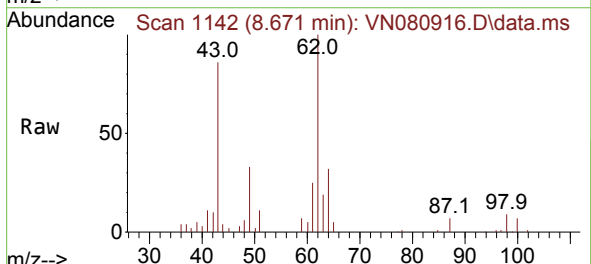
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.4	72.6
67	64.9	56.8	85.2
52	29.4	25.0	37.4

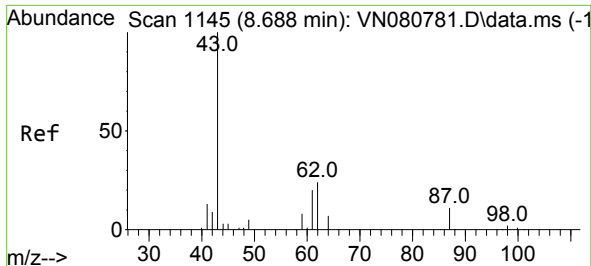


#42
1,2-Dichloroethane
Concen: 54.909 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 62 Resp: 122822

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0

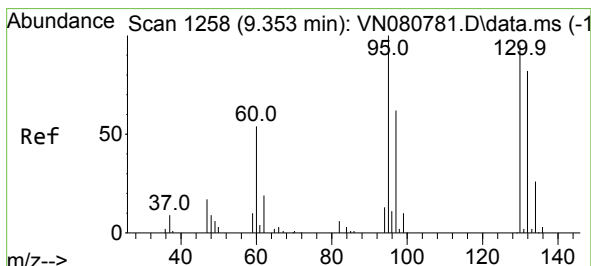
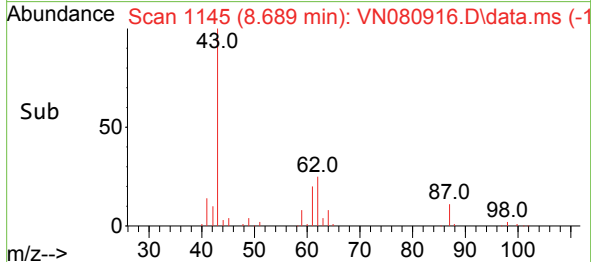
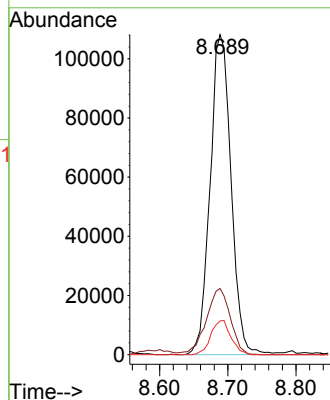
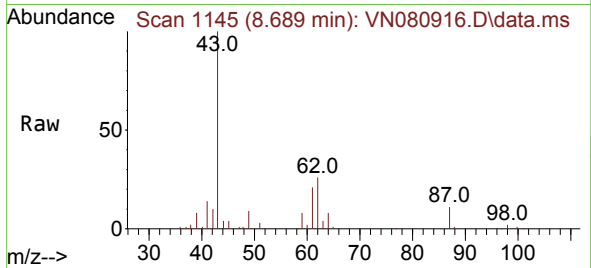




#43
Isopropyl Acetate
Concen: 52.976 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

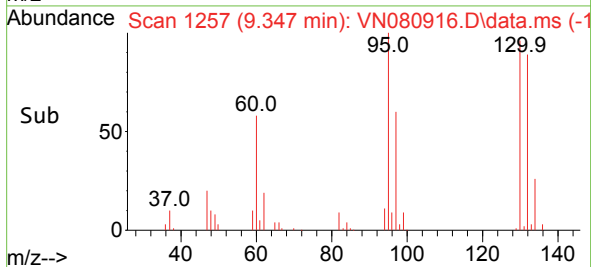
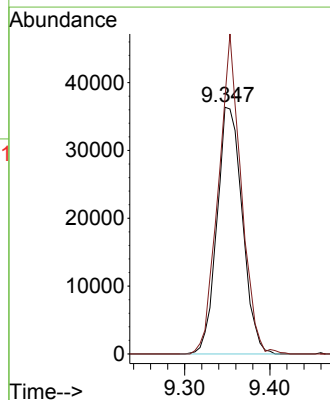
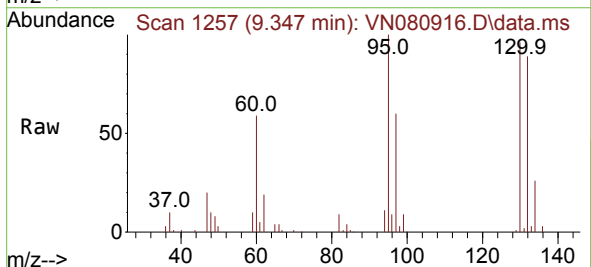
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

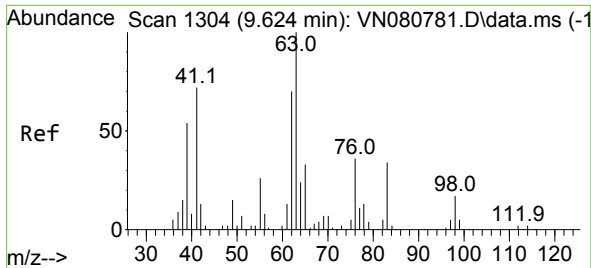
Tgt Ion: 43 Resp: 231946
Ion Ratio Lower Upper
43 100
61 23.8 19.9 29.9
87 10.2 9.0 13.6



#44
Trichloroethene
Concen: 49.733 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:130 Resp: 75210
Ion Ratio Lower Upper
130 100
95 103.9 0.0 210.4

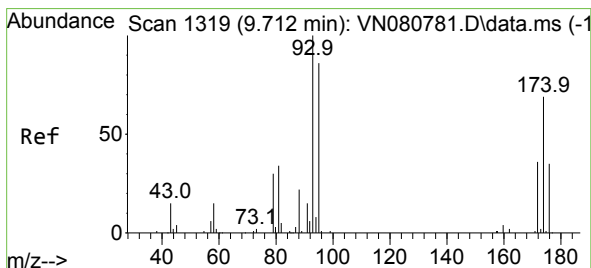
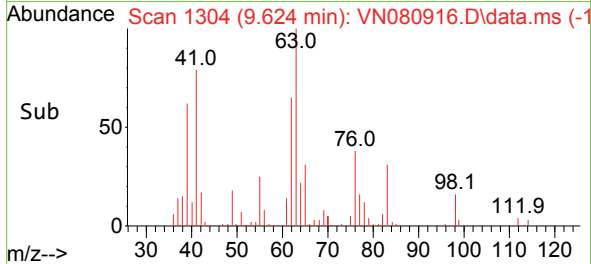
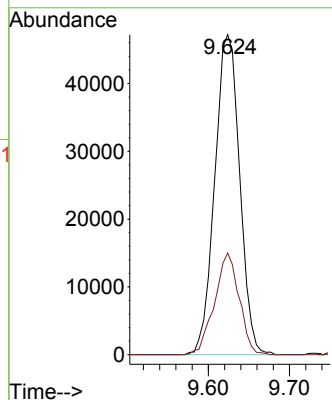
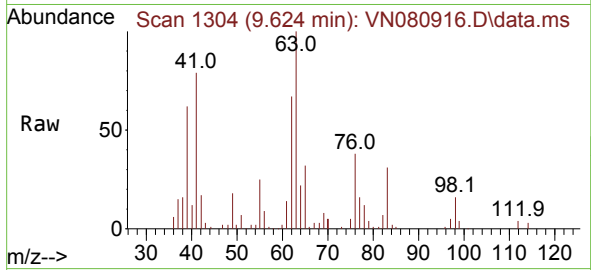




#45
1,2-Dichloropropane
Concen: 54.208 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

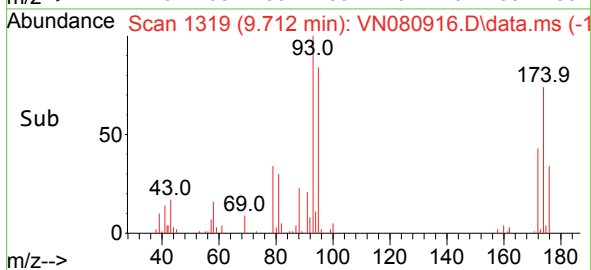
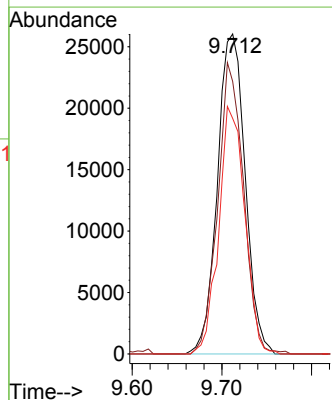
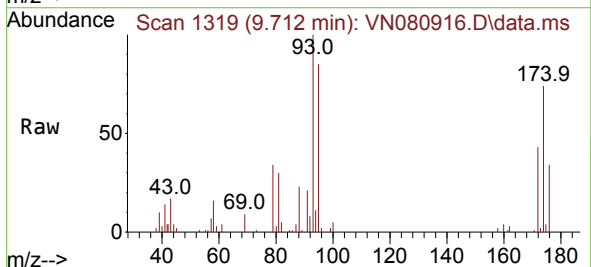
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

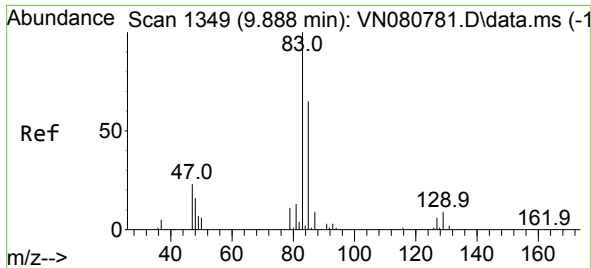
Tgt Ion: 63 Resp: 100722
Ion Ratio Lower Upper
63 100
65 31.7 26.1 39.1



#46
Dibromomethane
Concen: 50.840 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 93 Resp: 55999
Ion Ratio Lower Upper
93 100
95 84.4 68.1 102.1
174 72.7 57.2 85.8

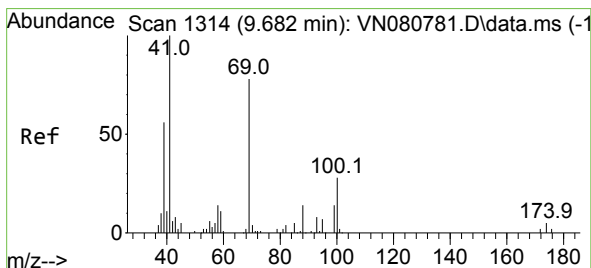
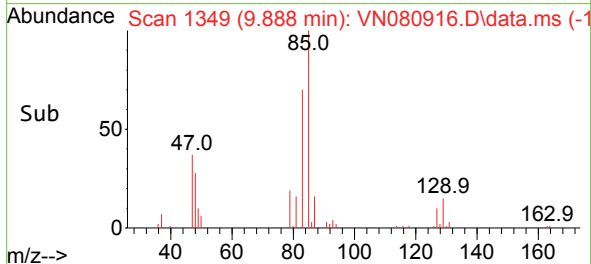
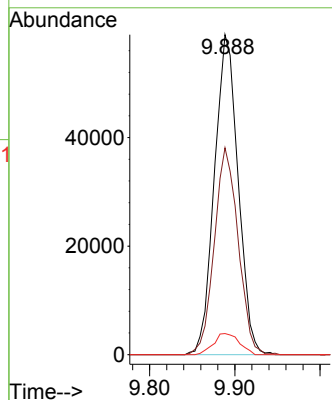
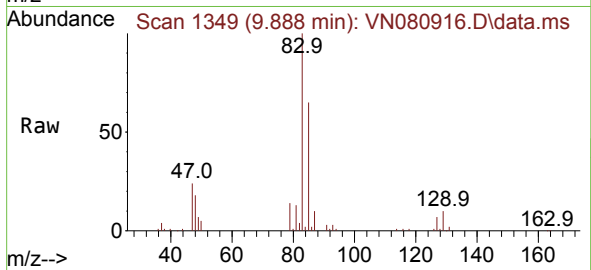




#47
Bromodichloromethane
Concen: 50.953 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

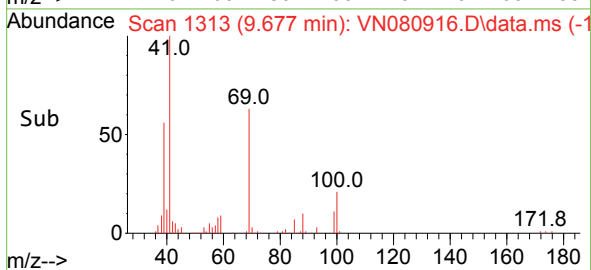
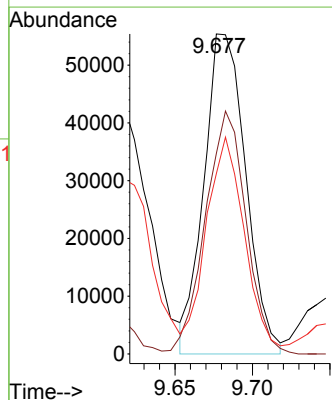
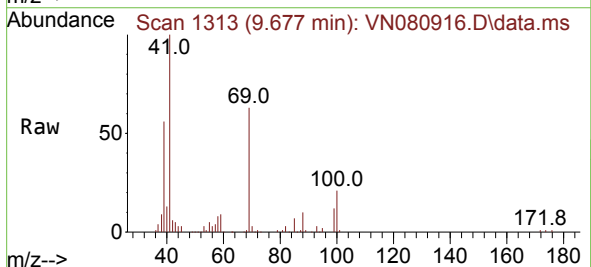
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

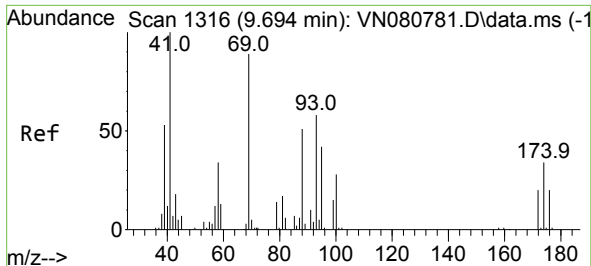
Tgt Ion: 83 Resp: 113944
Ion Ratio Lower Upper
83 100
85 64.6 52.3 78.5
127 6.6 4.6 7.0



#48
Methyl methacrylate
Concen: 48.918 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 41 Resp: 103832
Ion Ratio Lower Upper
41 100
69 74.3 62.2 93.2
39 62.7 47.6 71.4





#49

1,4-Dioxane

Concen: 1116.416 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

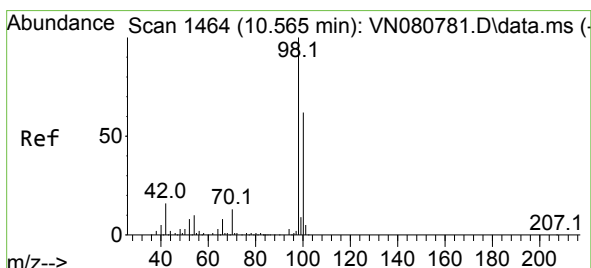
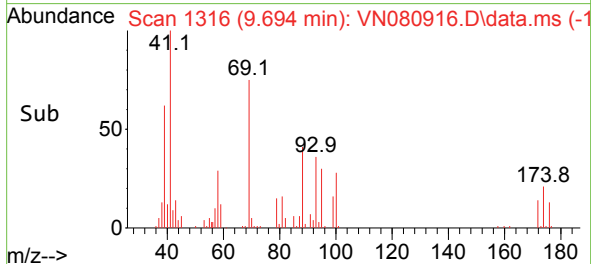
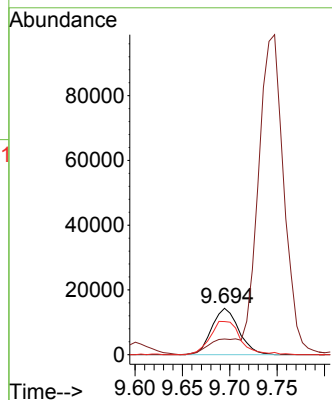
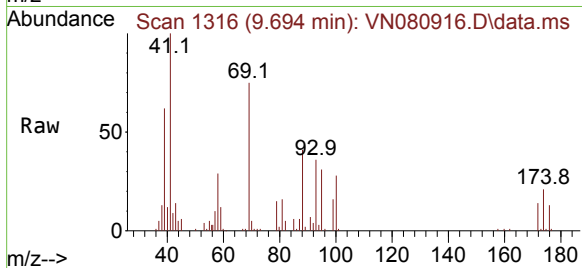
Tgt Ion: 88 Resp: 28544

Ion Ratio Lower Upper

88 100

43 29.3 30.1 45.1#

58 80.8 63.9 95.9



#50

Toluene-d8

Concen: 48.485 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080916.D

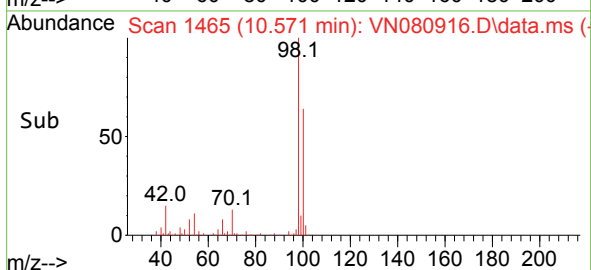
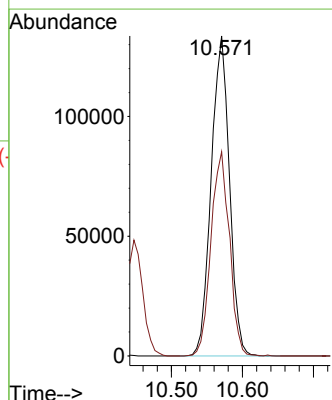
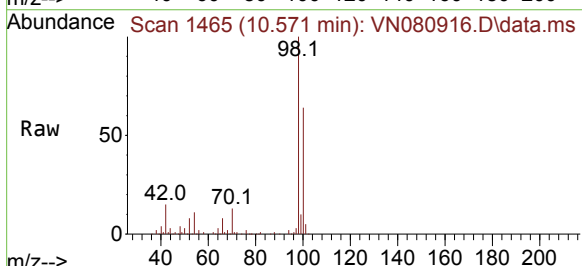
Acq: 05 Feb 2024 23:02

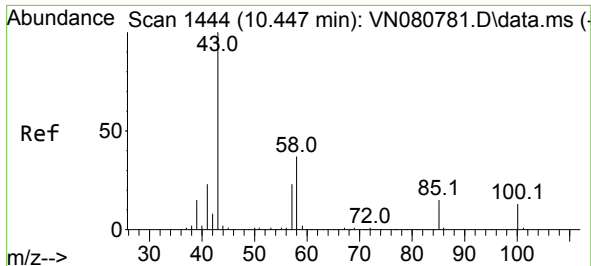
Tgt Ion: 98 Resp: 238507

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

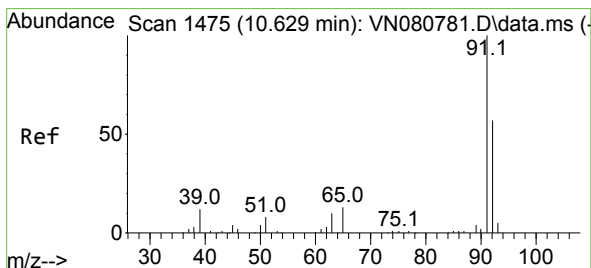
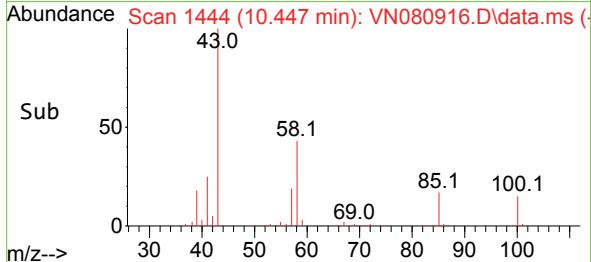
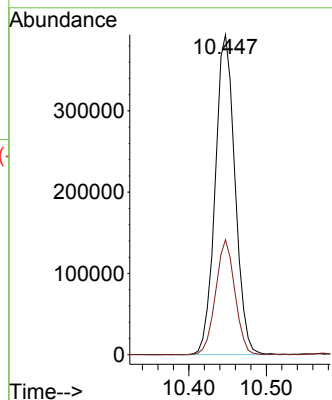
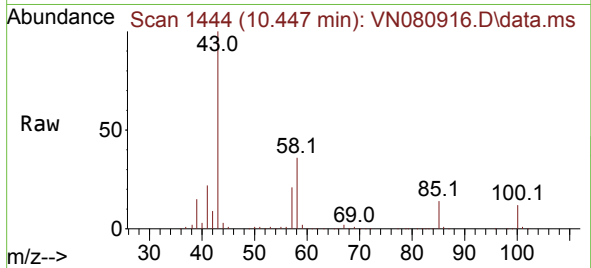




#51
4-Methyl-2-Pentanone
Concen: 285.402 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

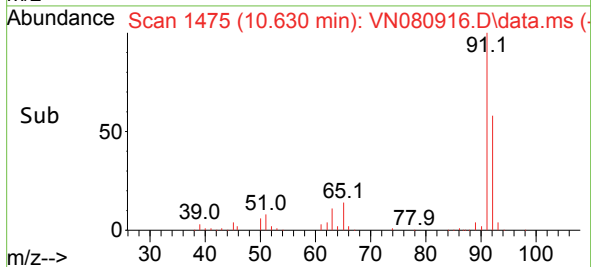
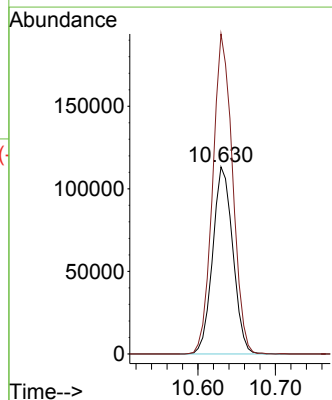
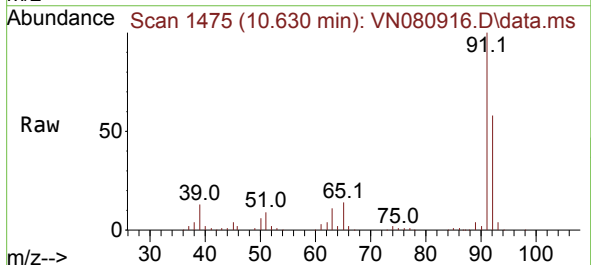
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

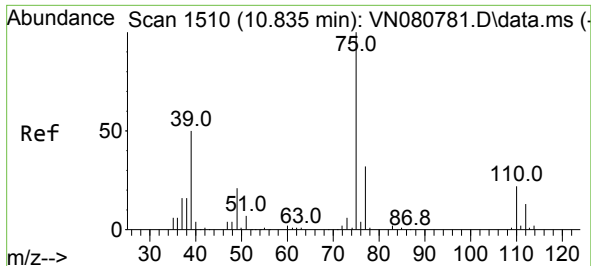
Tgt Ion: 43 Resp: 698540
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.0



#52
Toluene
Concen: 52.121 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 92 Resp: 205184
Ion Ratio Lower Upper
92 100
91 168.8 139.4 209.0

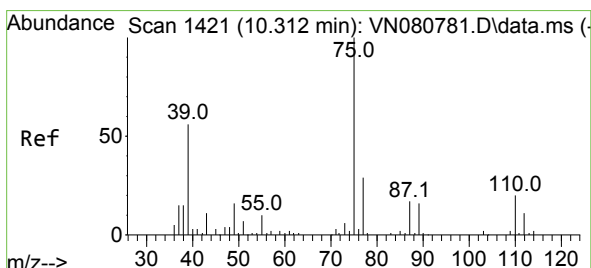
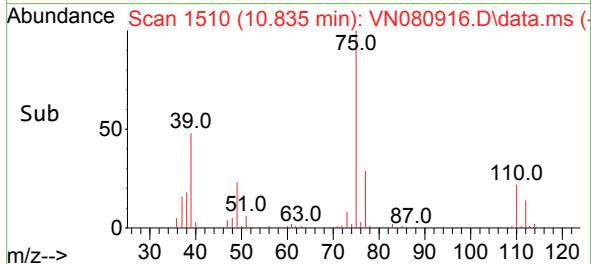
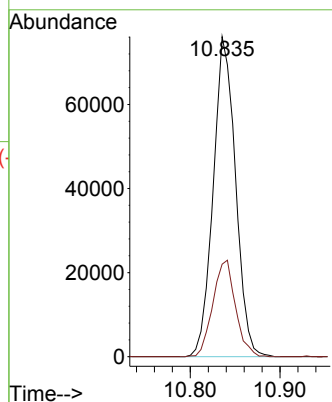
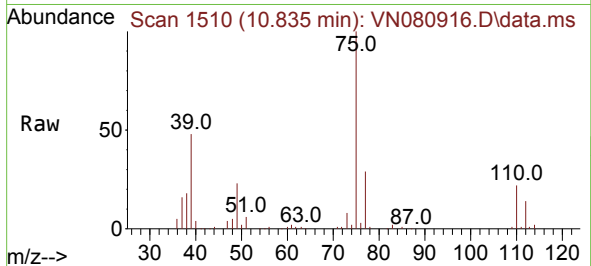




#53
 t-1,3-Dichloropropene
 Concen: 50.431 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

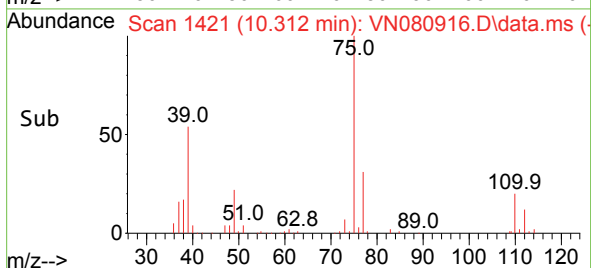
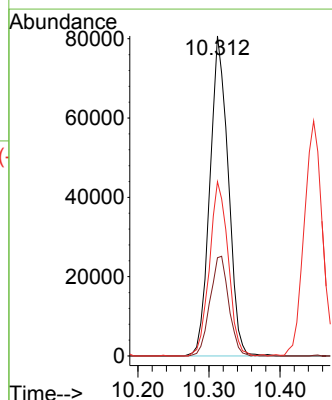
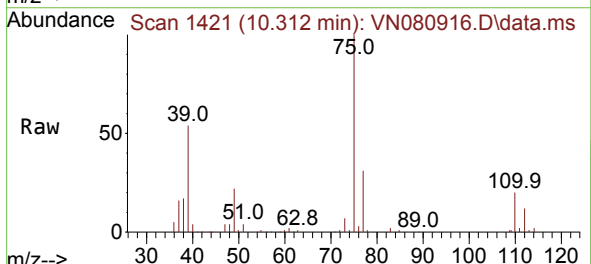
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

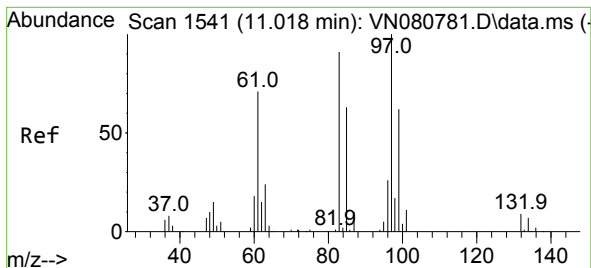
Tgt Ion: 75 Resp: 131381
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.124 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080916.D
 Acq: 05 Feb 2024 23:02

Tgt Ion: 75 Resp: 144832
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.3 34.9
 39 54.5 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 53.350 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 80713

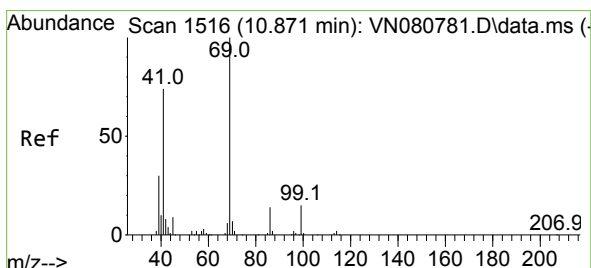
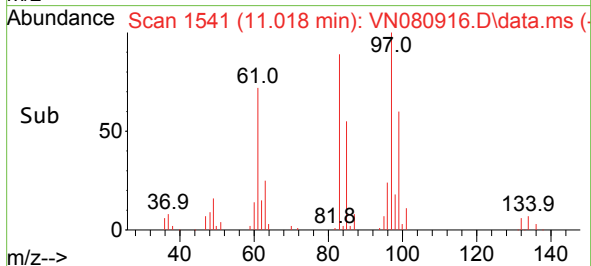
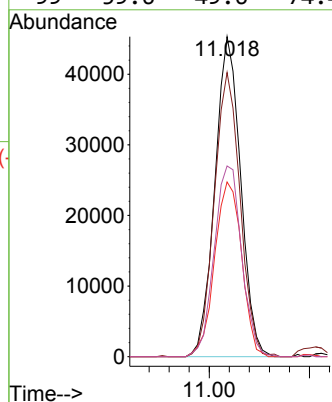
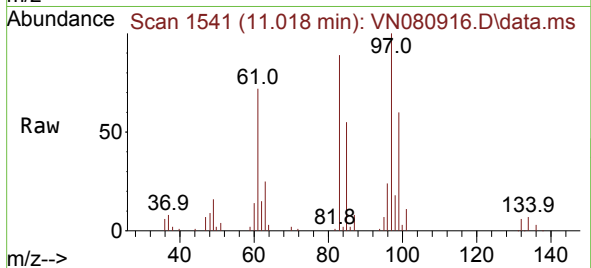
Ion Ratio Lower Upper

97 100

83 88.8 72.9 109.3

85 54.6 50.2 75.2

99 59.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 58.294 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

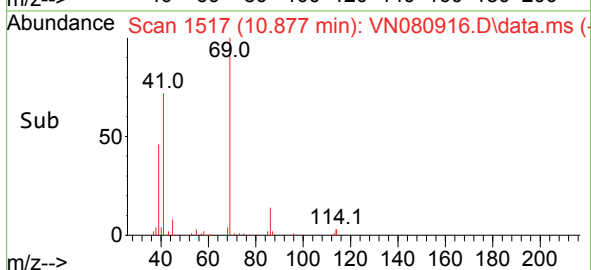
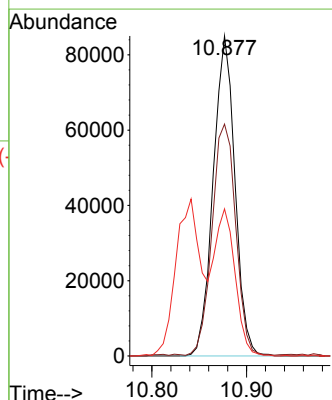
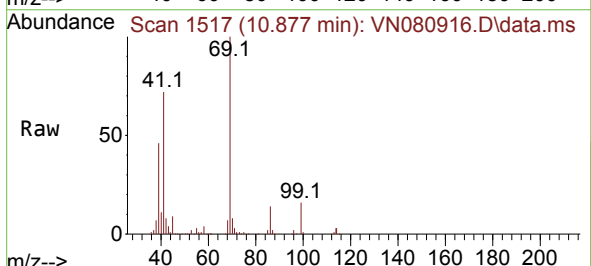
Tgt Ion: 69 Resp: 135578

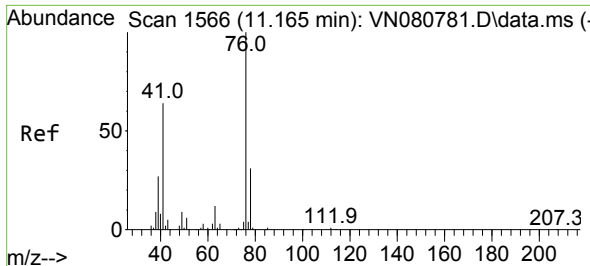
Ion Ratio Lower Upper

69 100

41 78.7 61.0 91.6

39 43.7 31.8 47.6

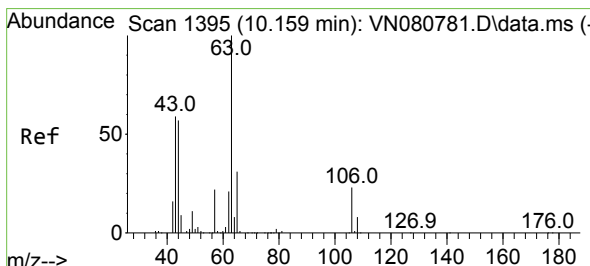
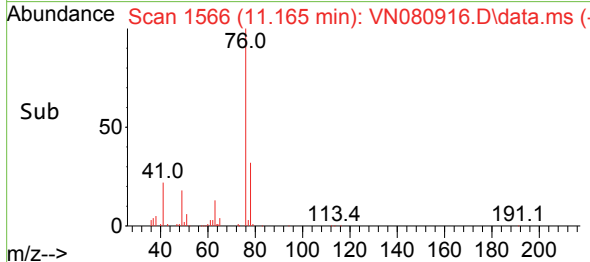
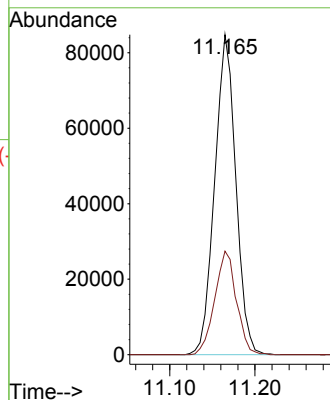
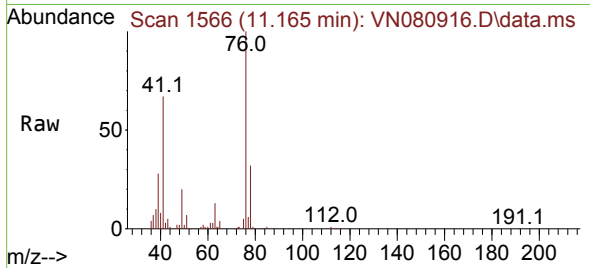




#57
1,3-Dichloropropane
Concen: 51.213 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

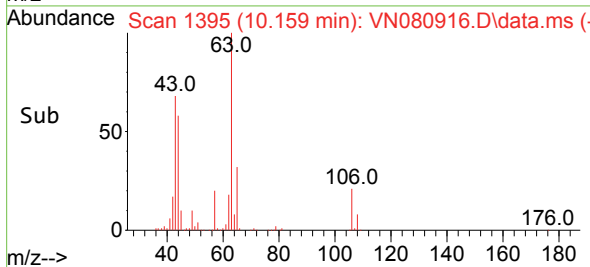
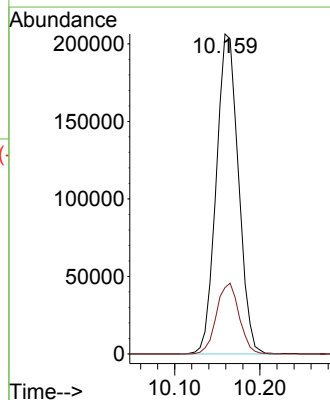
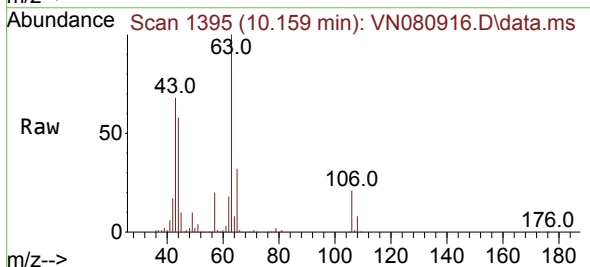
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

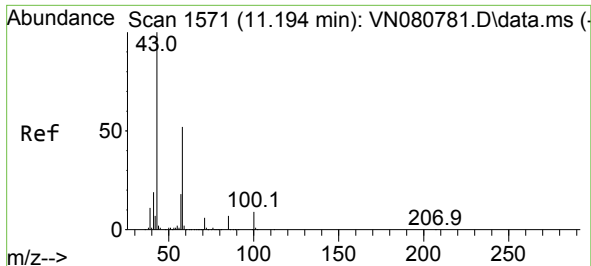
Tgt Ion: 76 Resp: 145818
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 275.748 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 63 Resp: 373864
Ion Ratio Lower Upper
63 100
106 22.6 18.6 28.0

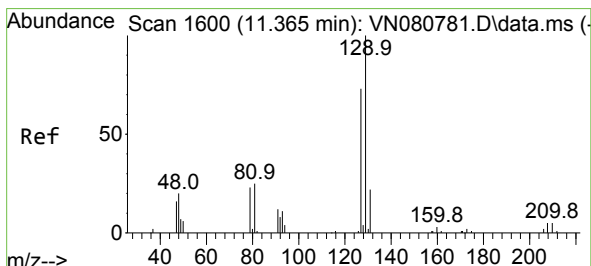
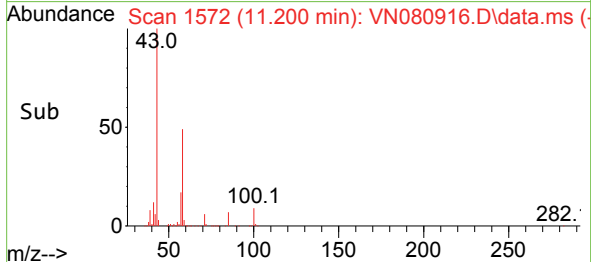
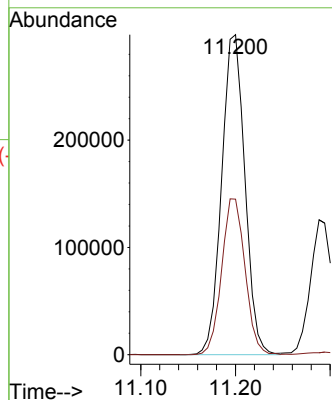
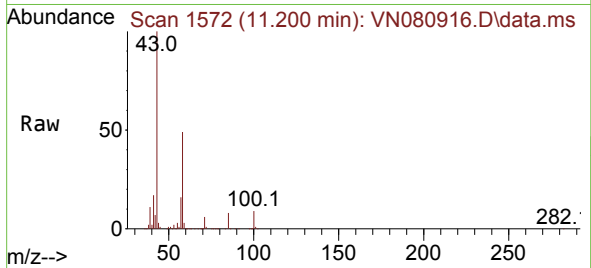




#59
2-Hexanone
Concen: 267.609 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

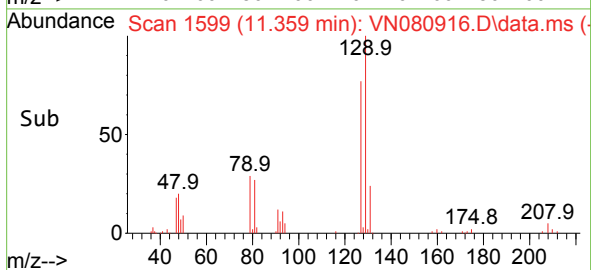
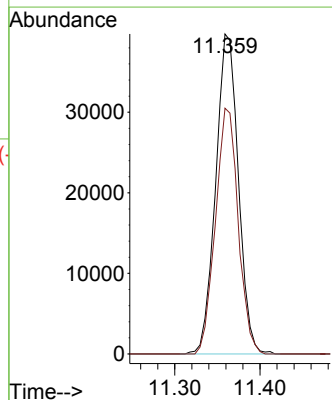
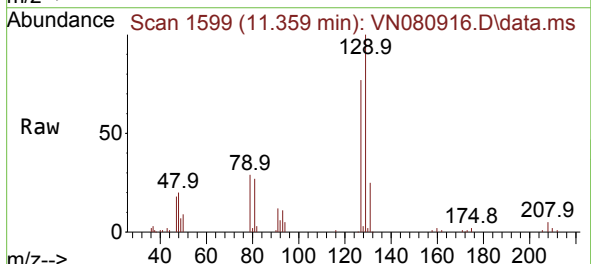
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

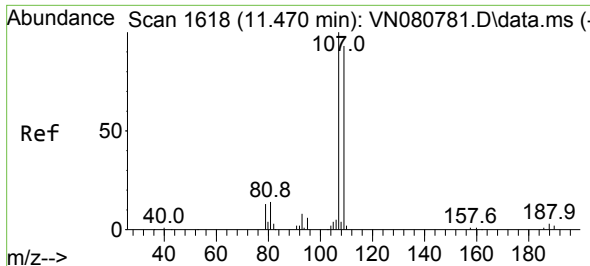
Tgt Ion: 43 Resp: 508777
Ion Ratio Lower Upper
43 100
58 49.1 25.9 77.8



#60
Dibromochloromethane
Concen: 52.284 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 129 Resp: 73576
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2

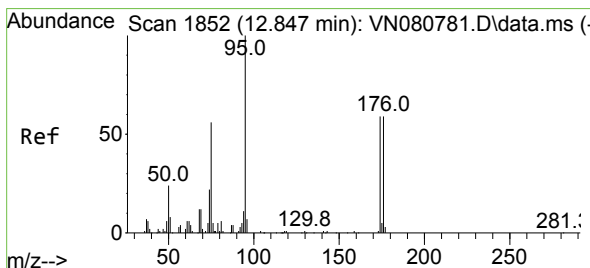
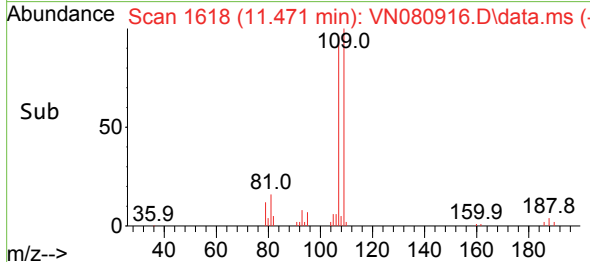
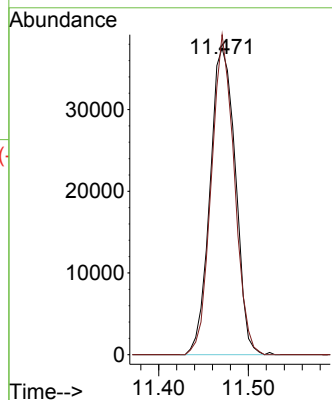
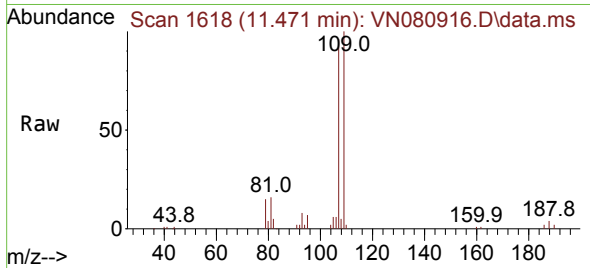




#61
1,2-Dibromoethane
Concen: 52.021 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

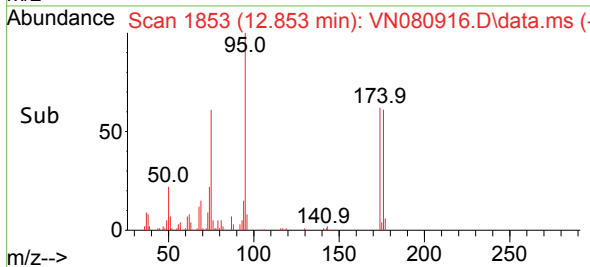
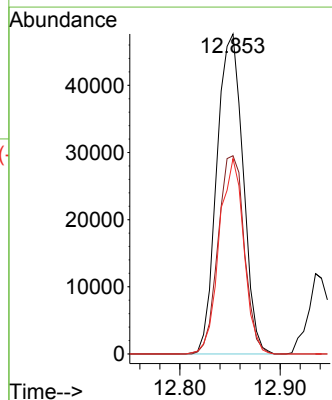
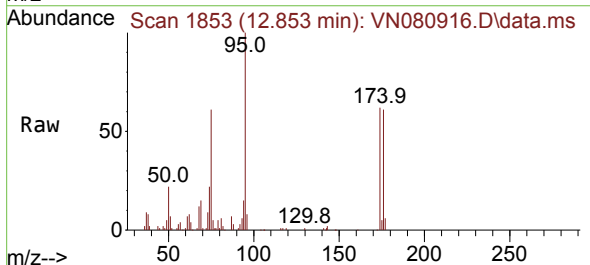
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

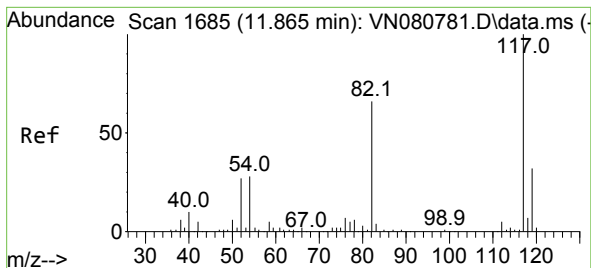
Tgt Ion:107 Resp: 73759
Ion Ratio Lower Upper
107 100
109 94.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.523 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 95 Resp: 86607
Ion Ratio Lower Upper
95 100
174 61.8 0.0 120.4
176 57.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

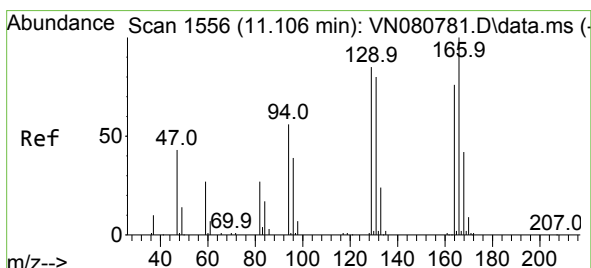
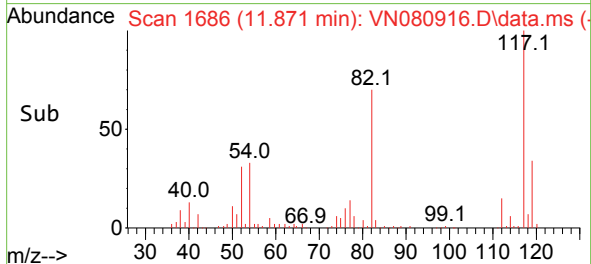
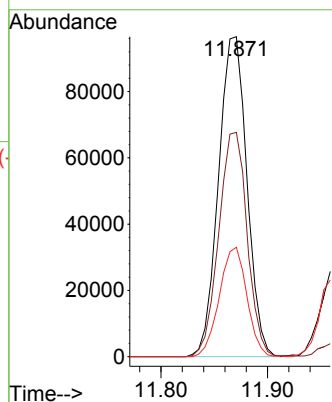
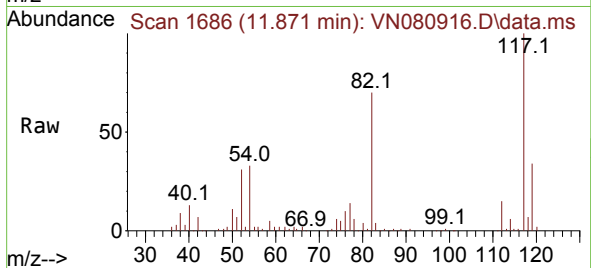
Tgt Ion:117 Resp: 178979

Ion Ratio Lower Upper

117 100

82 70.1 52.7 79.1

119 34.2 25.3 37.9



#64

Tetrachloroethene

Concen: 50.050 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Tgt Ion:164 Resp: 58879

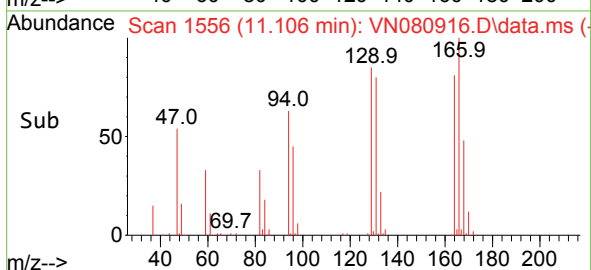
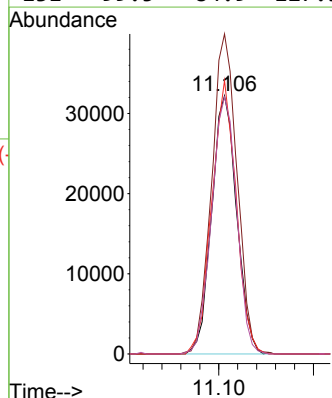
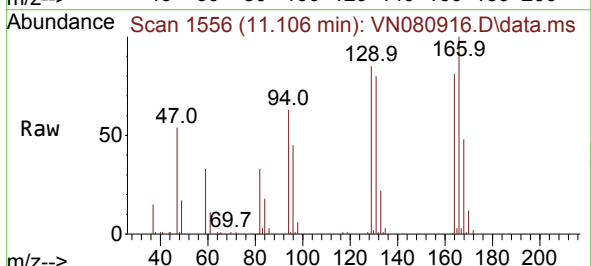
Ion Ratio Lower Upper

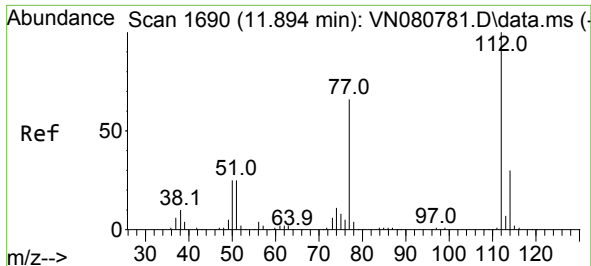
164 100

166 123.9 105.8 158.6

129 105.9 89.6 134.4

131 99.5 84.9 127.3

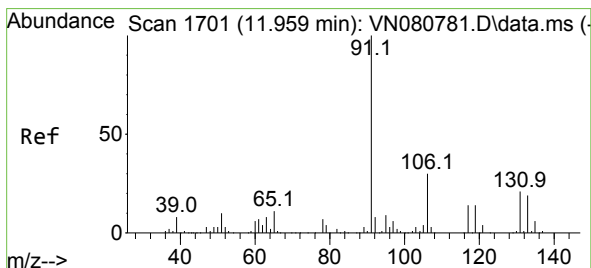
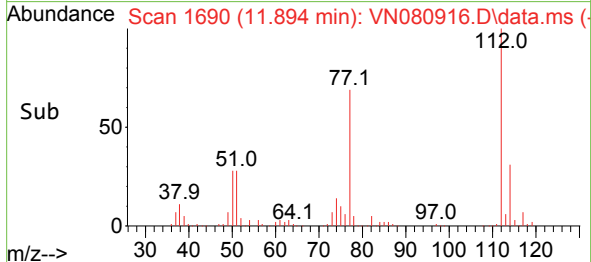
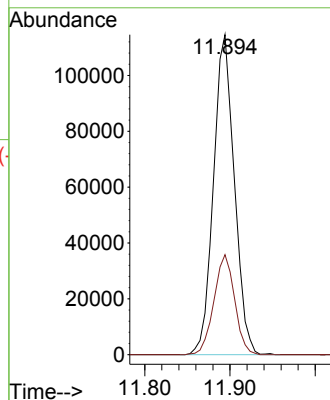
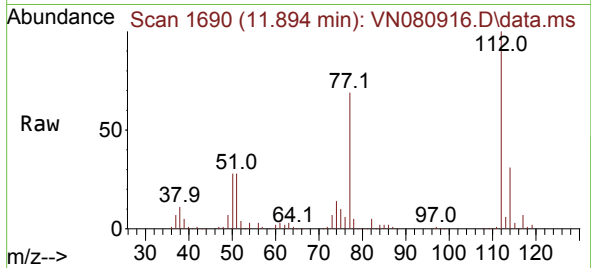




#65
Chlorobenzene
Concen: 49.904 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

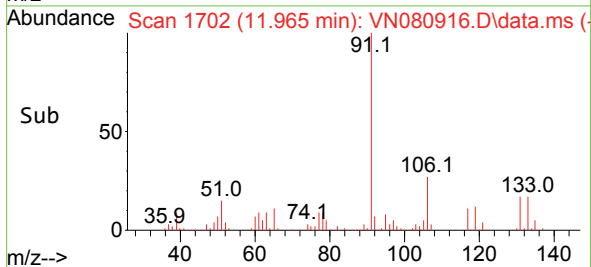
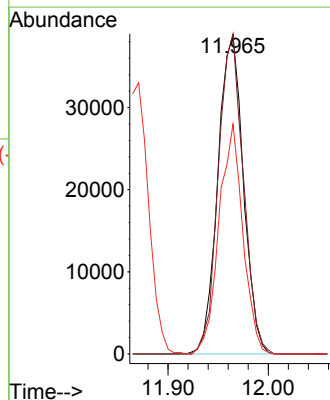
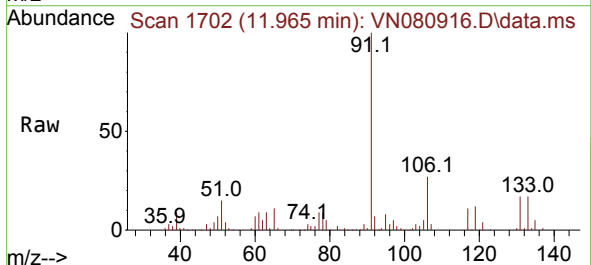
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

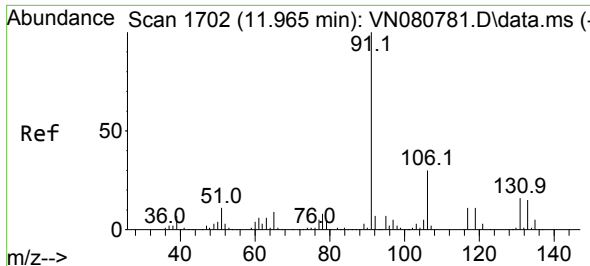
Tgt Ion:112 Resp: 194936
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.863 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:131 Resp: 68419
Ion Ratio Lower Upper
131 100
133 98.4 46.8 140.3
119 67.6 34.6 103.9

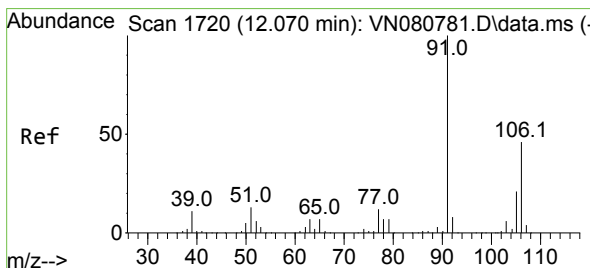
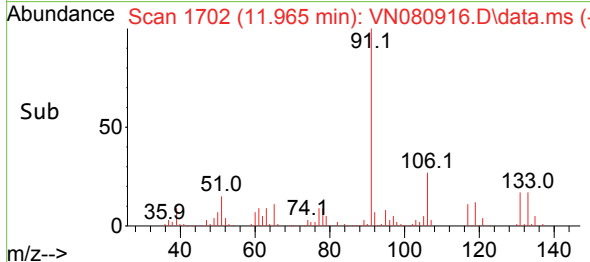
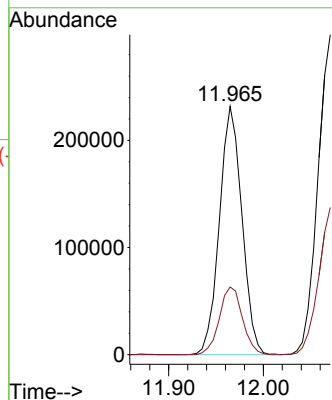
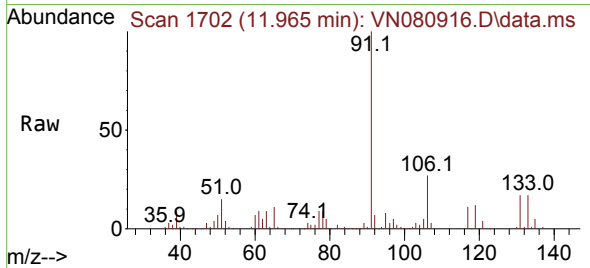




#67
Ethyl Benzene
Concen: 52.692 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

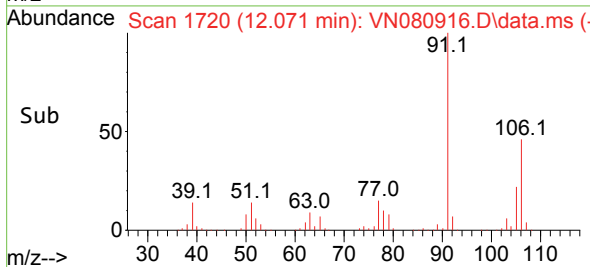
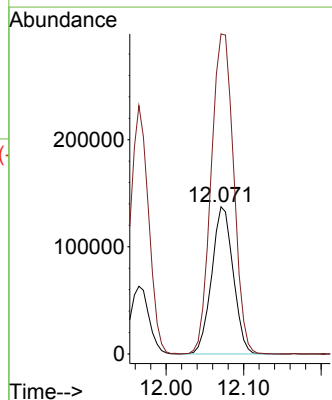
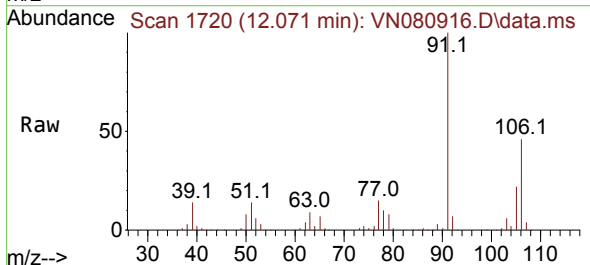
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

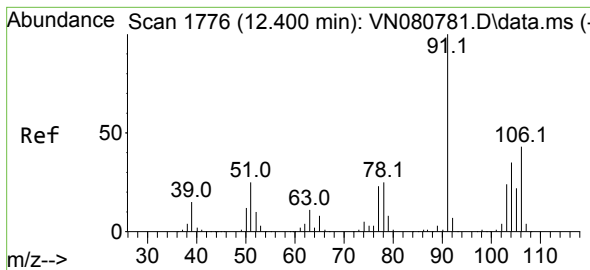
Tgt Ion: 91 Resp: 382550
Ion Ratio Lower Upper
91 100
106 27.2 23.8 35.6



#68
m/p-Xylenes
Concen: 102.845 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:106 Resp: 265168
Ion Ratio Lower Upper
106 100
91 228.1 169.0 253.6





#69

o-Xylene

Concen: 51.759 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

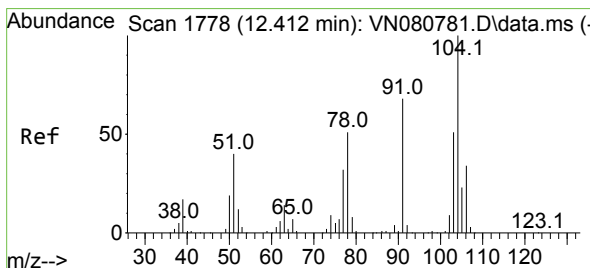
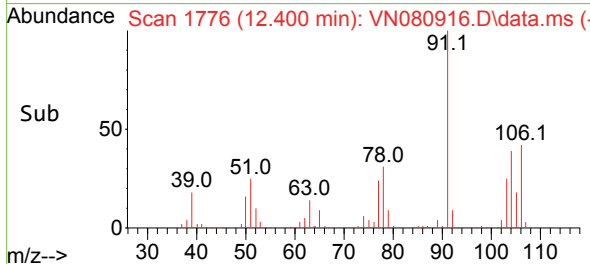
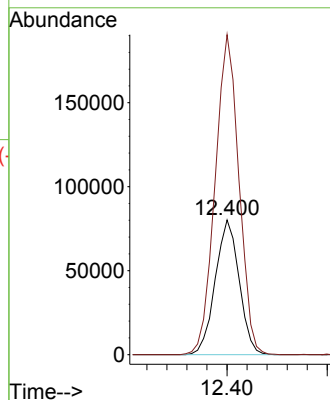
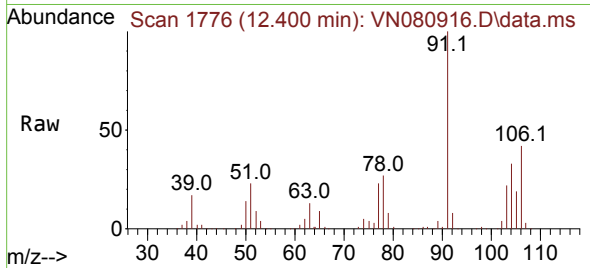
VSTDCCC050EC

Tgt Ion:106 Resp: 132605

Ion Ratio Lower Upper

106 100

91 236.7 112.1 336.3



#70

Styrene

Concen: 52.148 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

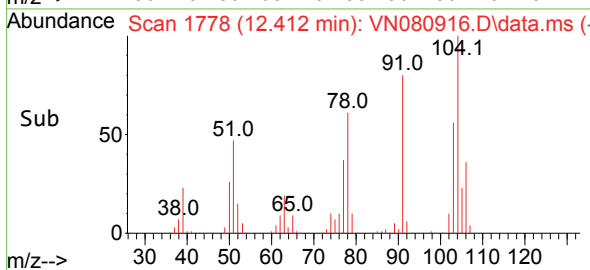
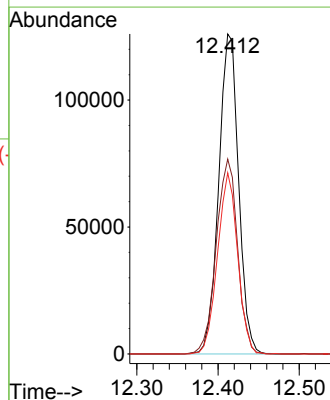
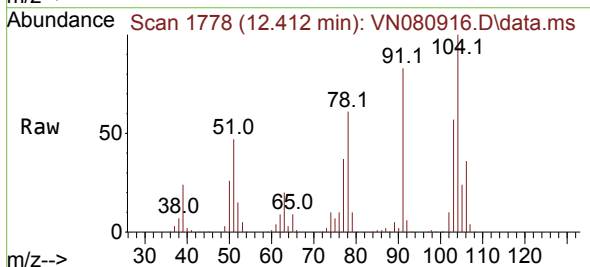
Tgt Ion:104 Resp: 214566

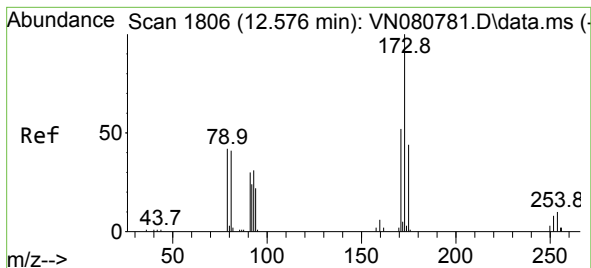
Ion Ratio Lower Upper

104 100

78 65.3 43.8 65.8

103 57.2 44.2 66.2





#71

Bromoform

Concen: 56.545 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

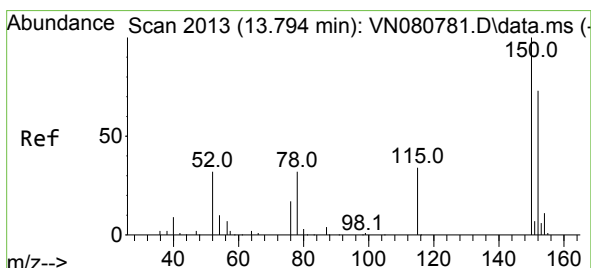
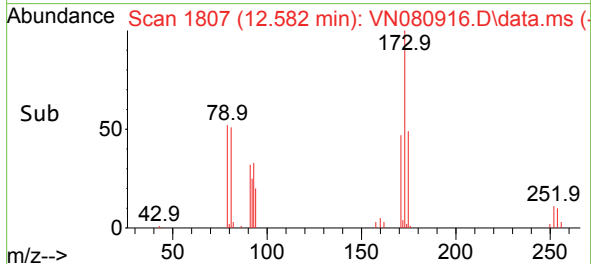
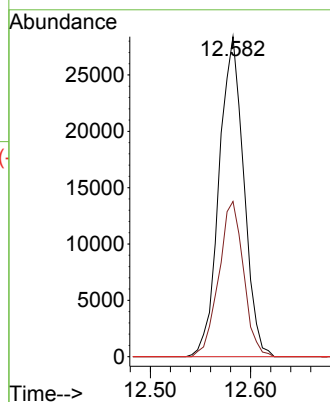
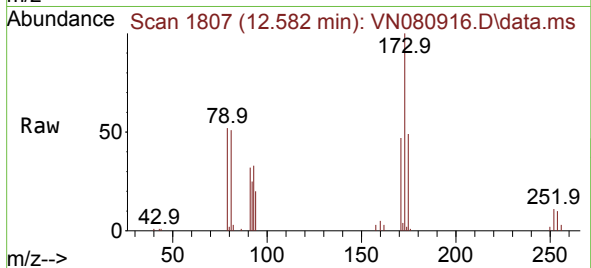
Tgt Ion:173 Resp: 48565

Ion Ratio Lower Upper

173 100

175 48.5 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

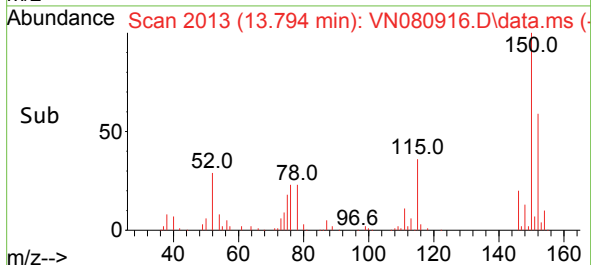
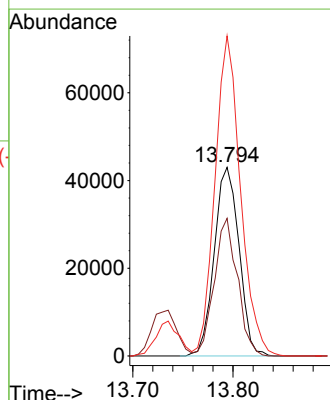
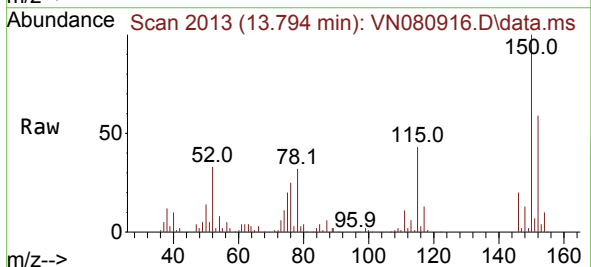
Tgt Ion:152 Resp: 73701

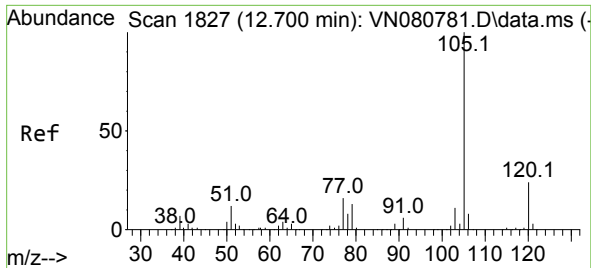
Ion Ratio Lower Upper

152 100

115 68.6 32.3 96.8

150 175.0 0.0 339.8

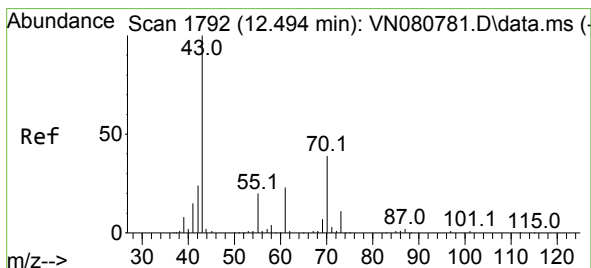
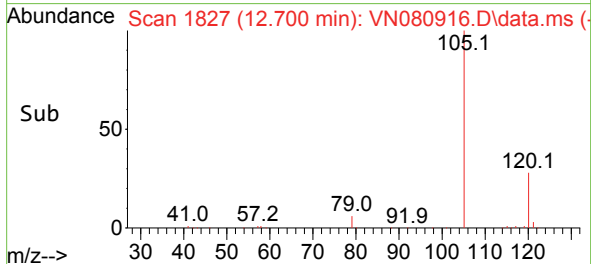
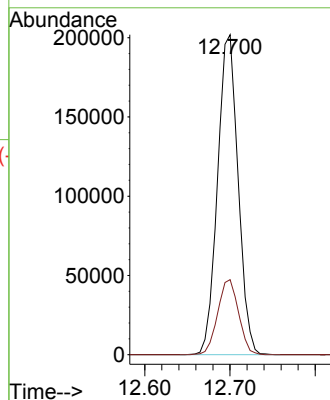
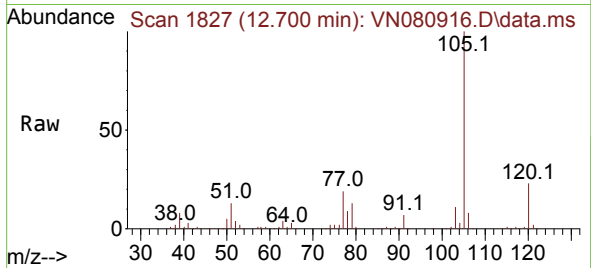




#73
Isopropylbenzene
Concen: 50.078 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

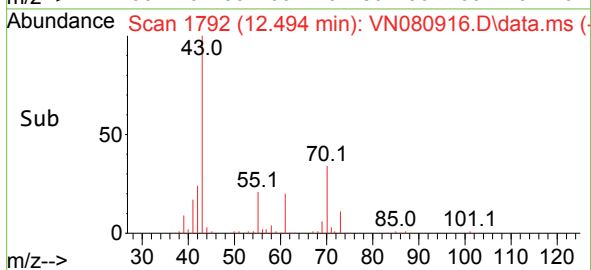
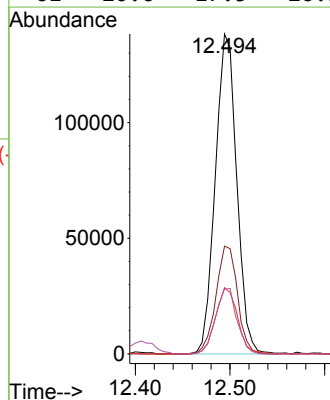
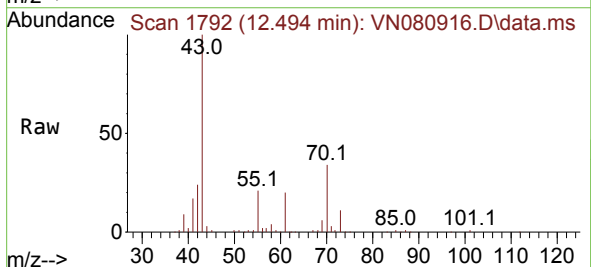
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

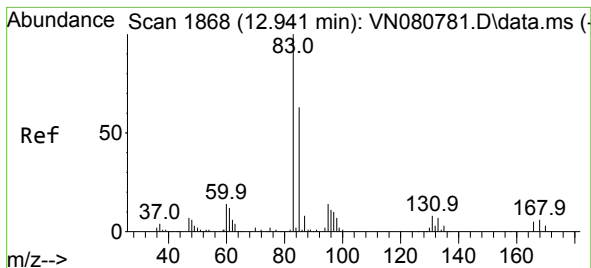
Tgt Ion:105 Resp: 337988
Ion Ratio Lower Upper
105 100
120 23.8 12.6 37.6



#74
N-ethyl acetate
Concen: 51.948 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 43 Resp: 217683
Ion Ratio Lower Upper
43 100
70 33.9 30.1 45.1
55 21.3 17.0 25.4
61 20.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.721 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

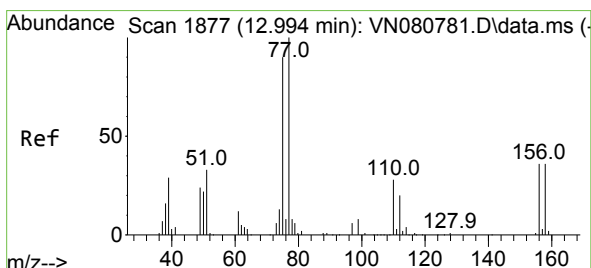
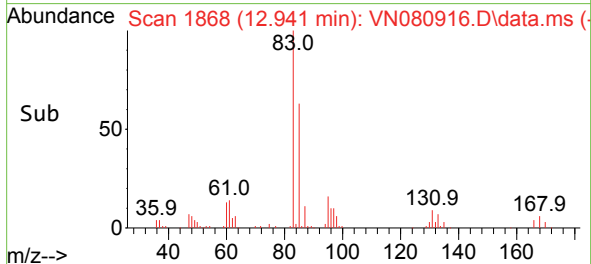
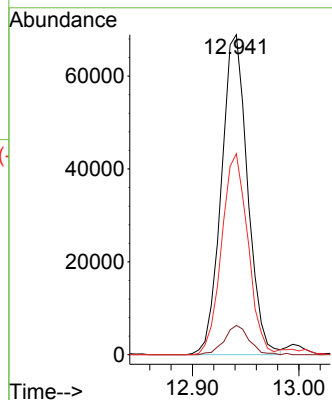
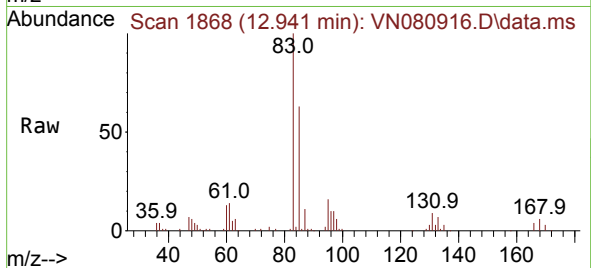
Tgt Ion: 83 Resp: 118044

Ion Ratio Lower Upper

83 100

131 8.6 4.1 12.3

85 62.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 68.853 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080916.D

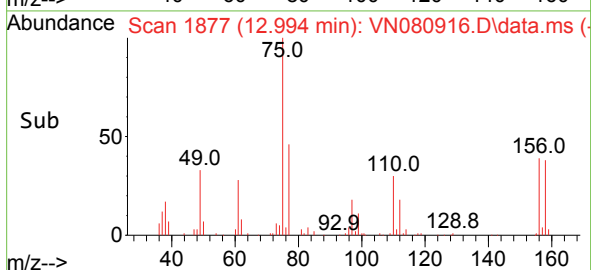
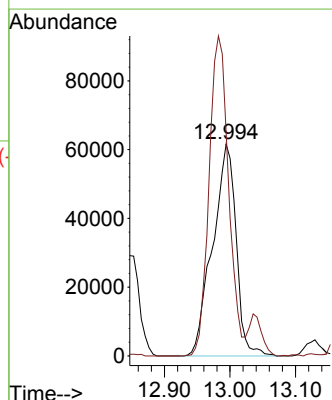
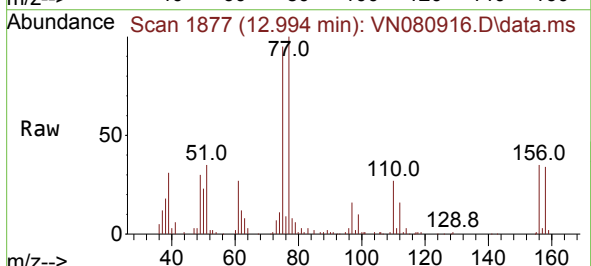
Acq: 05 Feb 2024 23:02

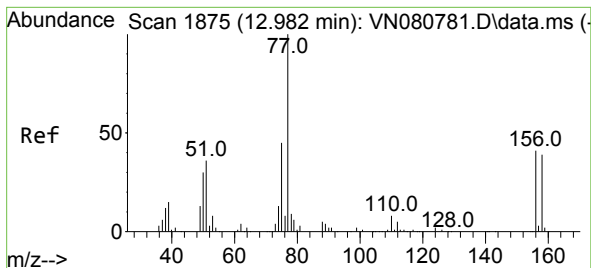
Tgt Ion: 75 Resp: 153048

Ion Ratio Lower Upper

75 100

77 126.4 91.0 272.8





#77

Bromobenzene

Concen: 45.904 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

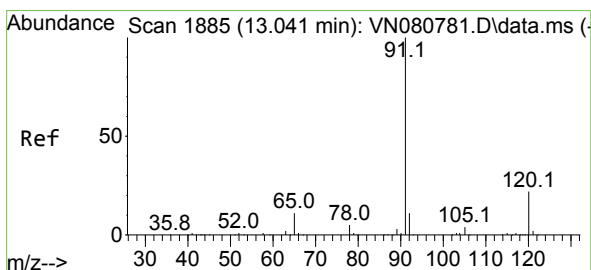
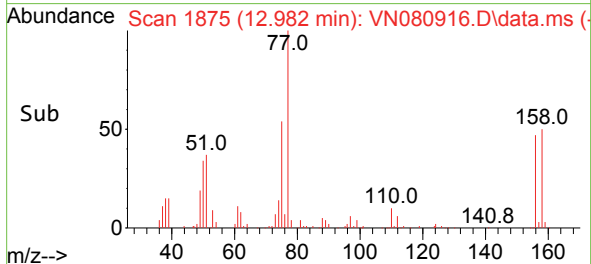
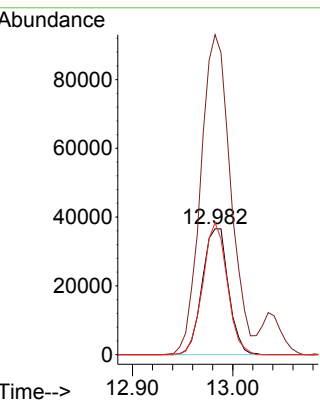
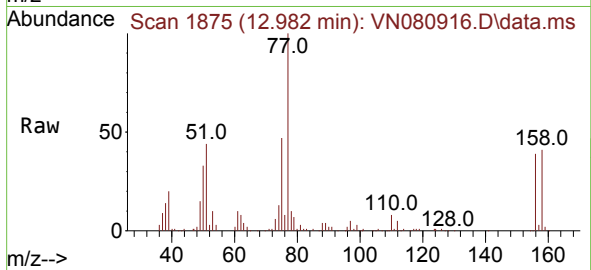
Tgt Ion:156 Resp: 66227

Ion Ratio Lower Upper

156 100

77 292.2 138.1 414.3

158 97.6 46.5 139.5



#78

n-propylbenzene

Concen: 50.992 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080916.D

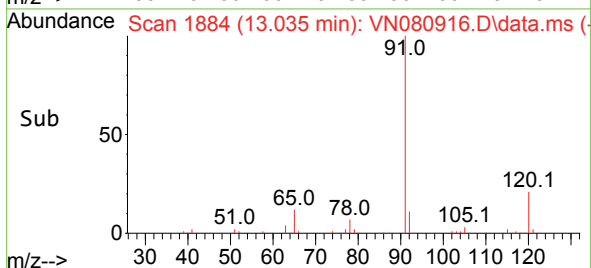
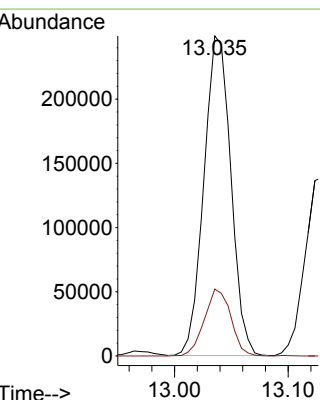
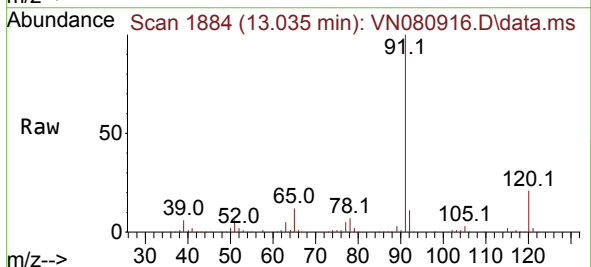
Acq: 05 Feb 2024 23:02

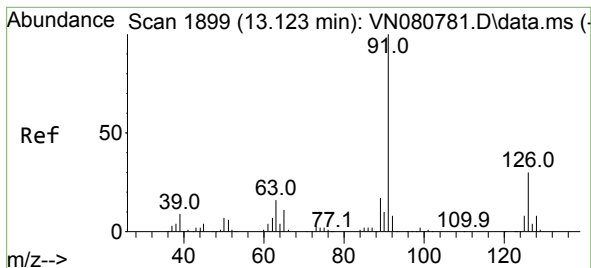
Tgt Ion: 91 Resp: 411152

Ion Ratio Lower Upper

91 100

120 20.5 10.3 30.9





#79

2-Chlorotoluene

Concen: 47.976 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

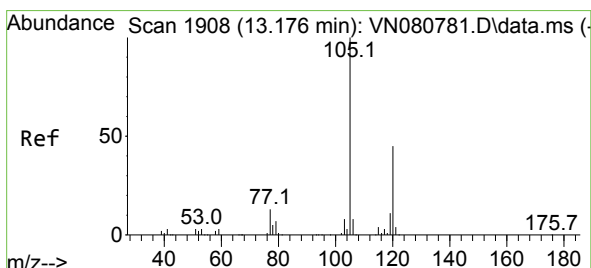
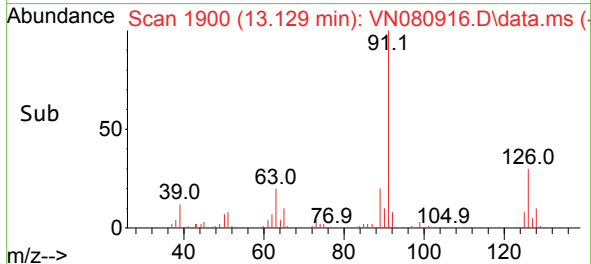
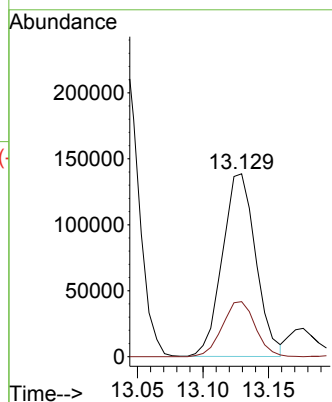
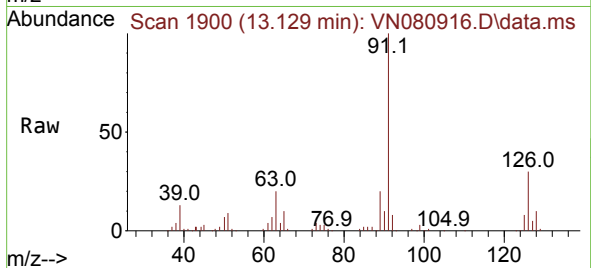
VSTDCCC050EC

Tgt Ion: 91 Resp: 245864

Ion Ratio Lower Upper

91 100

126 29.8 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 51.182 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080916.D

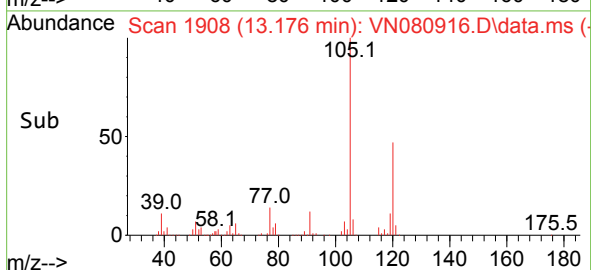
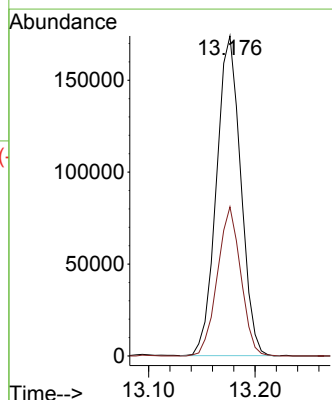
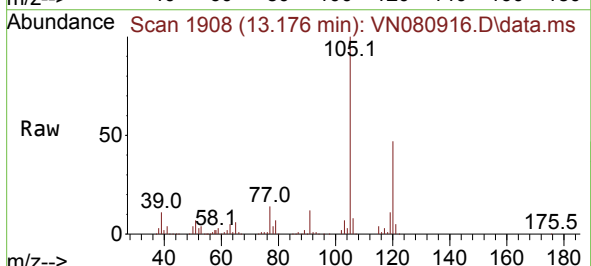
Acq: 05 Feb 2024 23:02

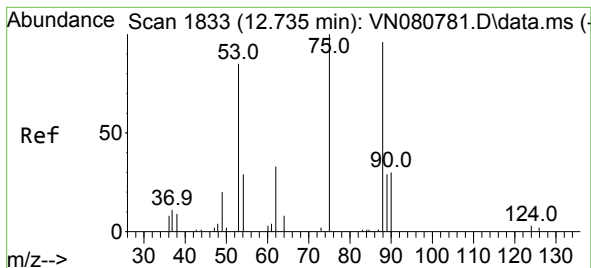
Tgt Ion:105 Resp: 275109

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0

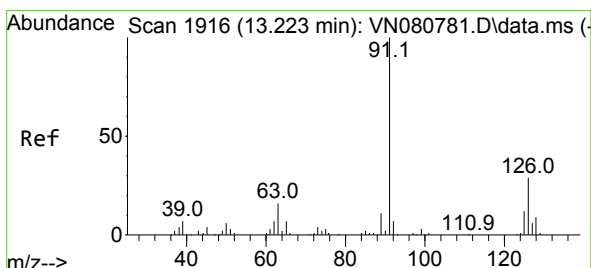
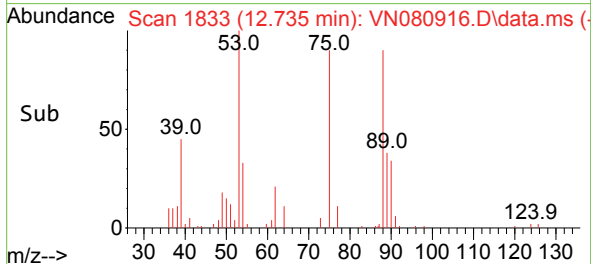
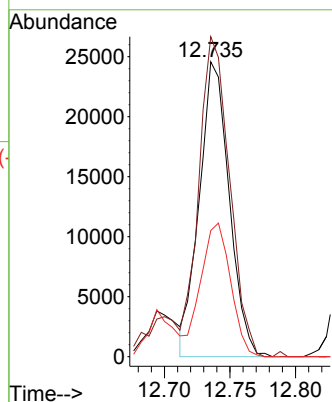
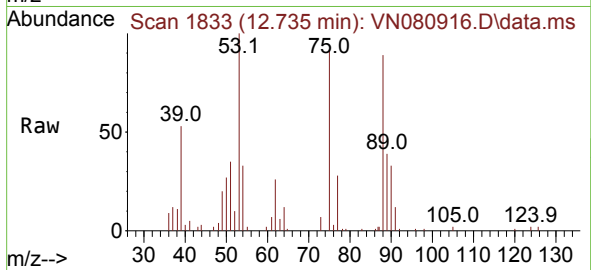




#81
trans-1,4-Dichloro-2-butene
Concen: 45.175 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

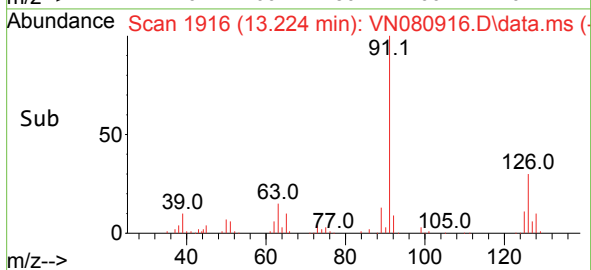
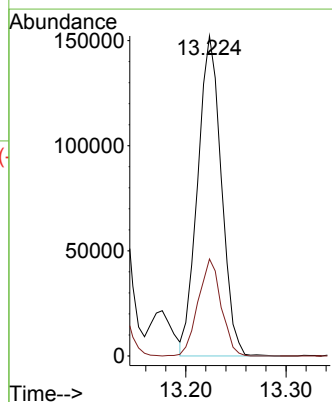
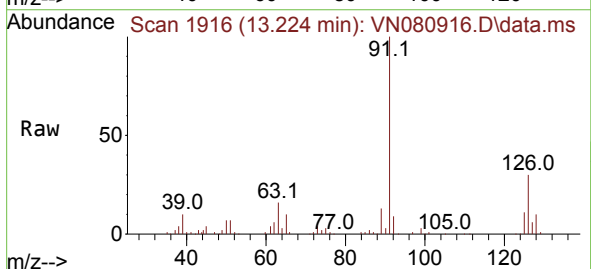
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

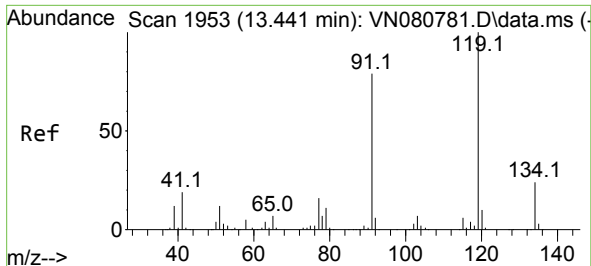
Tgt Ion: 75 Resp: 38979
Ion Ratio Lower Upper
75 100
53 111.4 71.4 107.2#
89 45.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.278 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 91 Resp: 250057
Ion Ratio Lower Upper
91 100
126 29.4 15.3 45.9

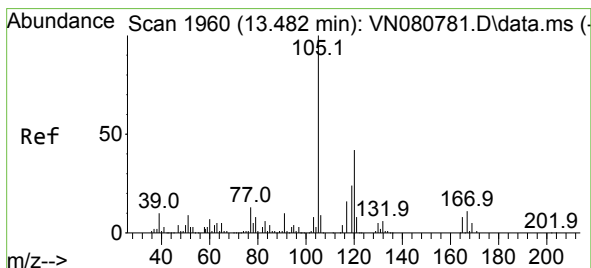
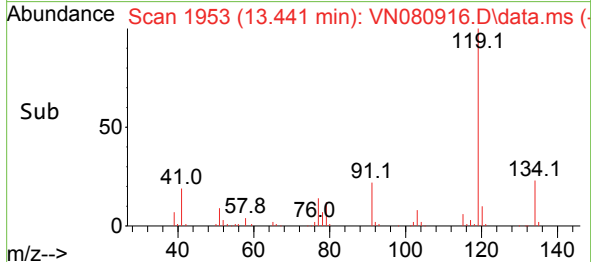
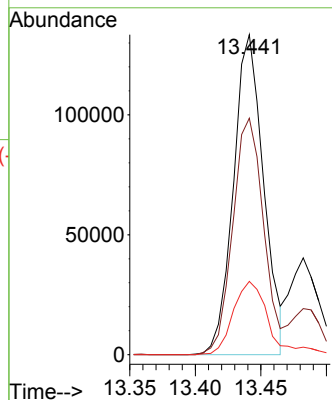
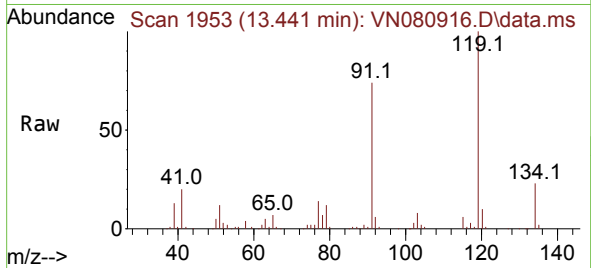




#83
tert-Butylbenzene
Concen: 49.826 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

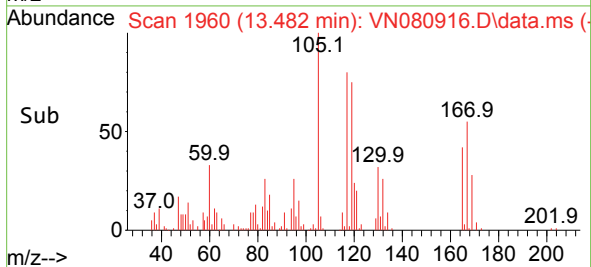
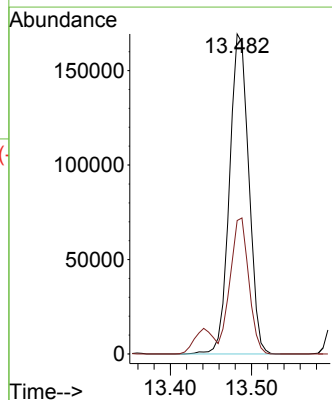
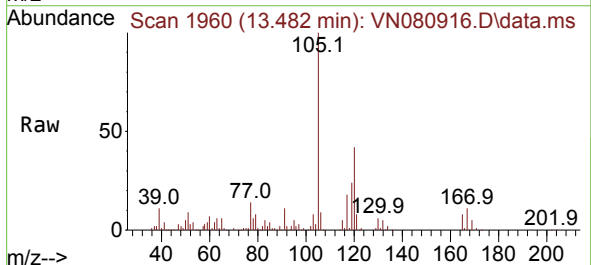
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

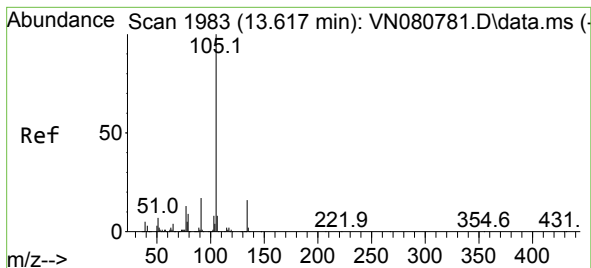
Tgt Ion:119 Resp: 213875
Ion Ratio Lower Upper
119 100
91 77.2 36.8 110.4
134 26.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.175 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:105 Resp: 278696
Ion Ratio Lower Upper
105 100
120 41.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 51.290 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

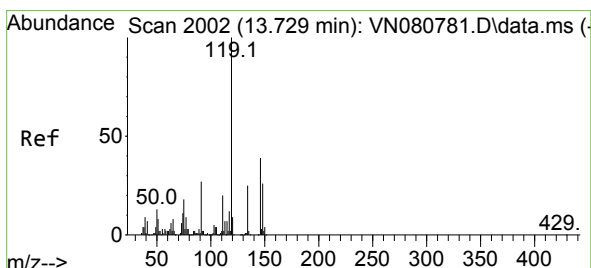
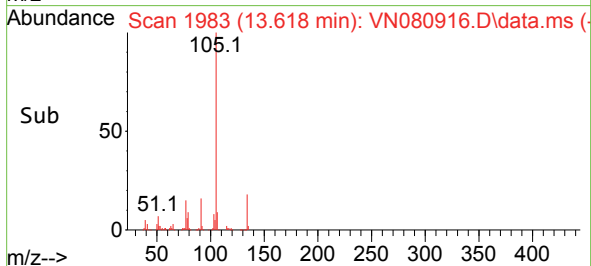
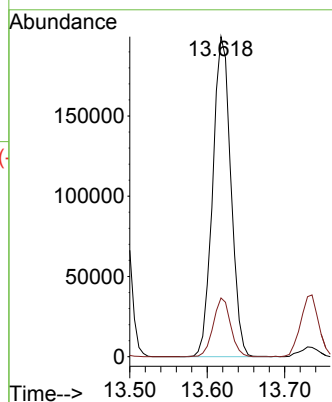
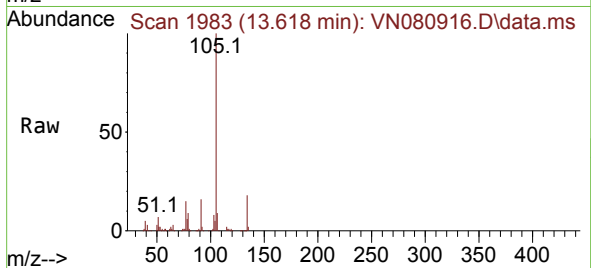
VSTDCCC050EC

Tgt Ion:105 Resp: 324571

Ion Ratio Lower Upper

105 100

134 17.5 8.6 25.8



#86

p-Isopropyltoluene

Concen: 50.816 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

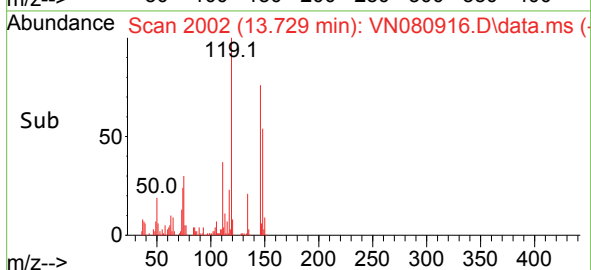
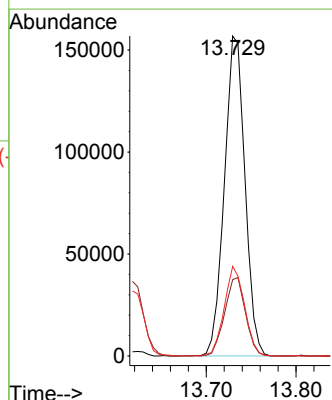
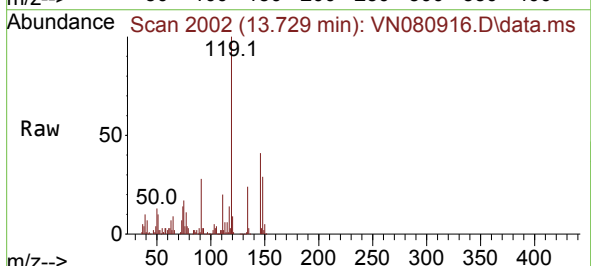
Tgt Ion:119 Resp: 249901

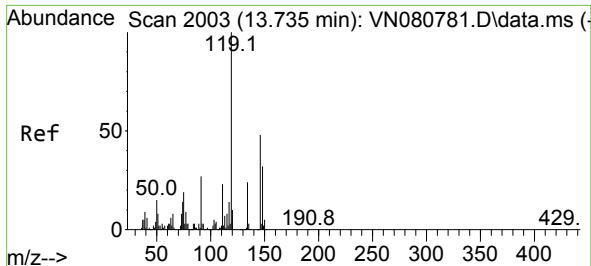
Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.2

91 27.6 13.5 40.4

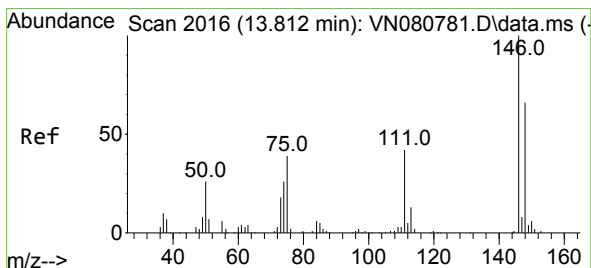
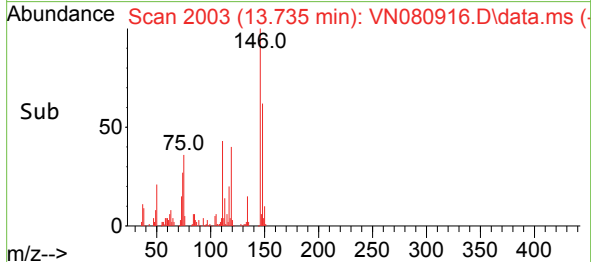
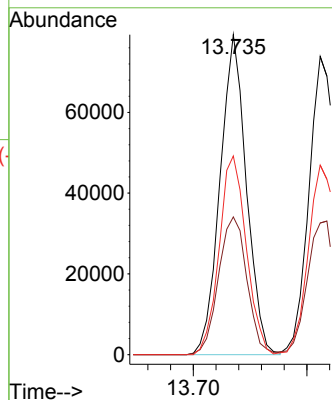
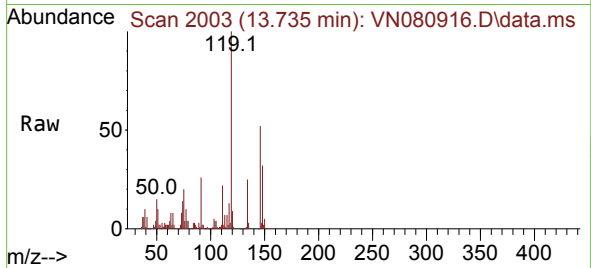




#87
1,3-Dichlorobenzene
Concen: 49.455 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

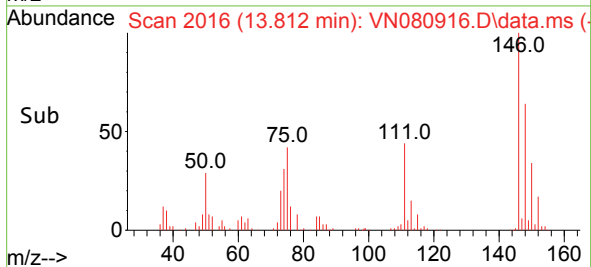
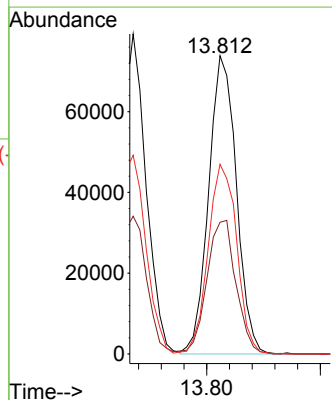
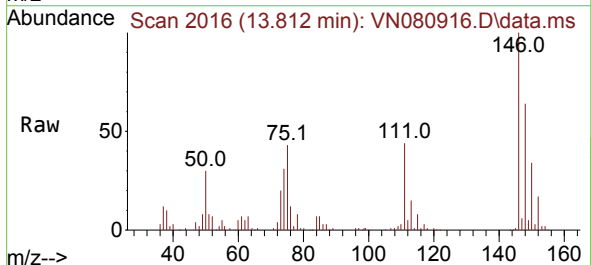
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

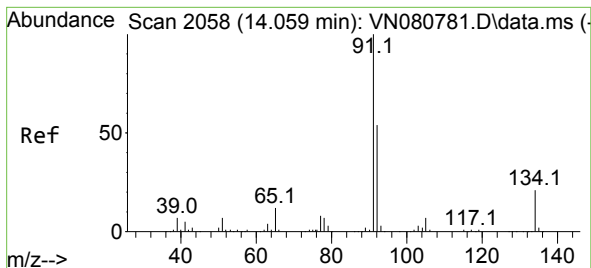
Tgt Ion:146 Resp: 127623
Ion Ratio Lower Upper
146 100
111 46.4 23.9 71.7
148 63.9 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 48.437 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:146 Resp: 125316
Ion Ratio Lower Upper
146 100
111 47.0 22.6 67.7
148 65.5 31.9 95.5

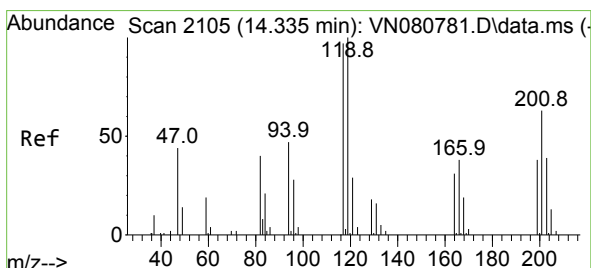
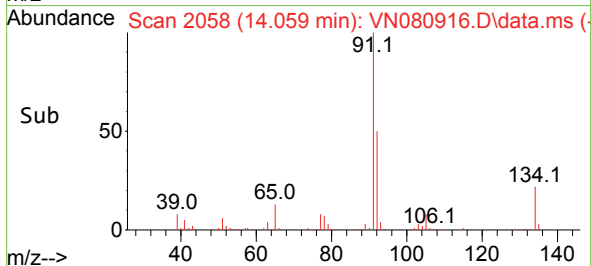
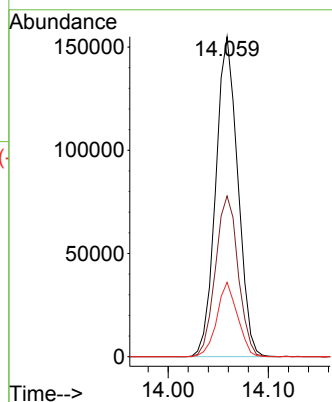
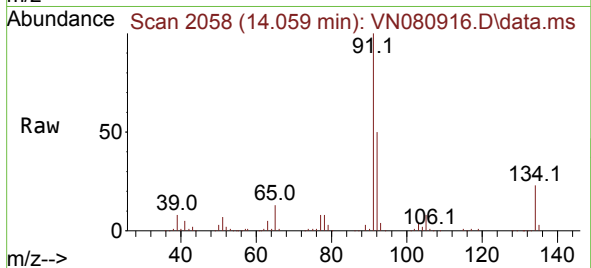




#89
n-Butylbenzene
Concen: 49.168 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

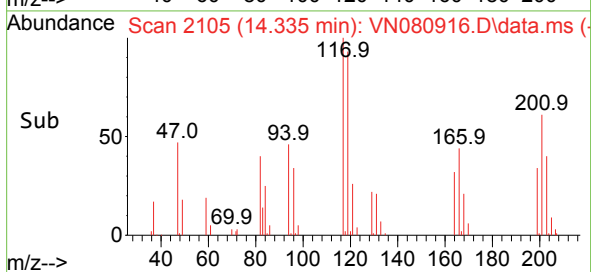
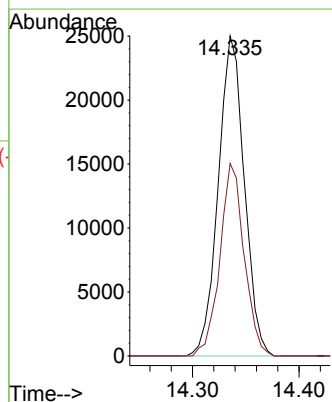
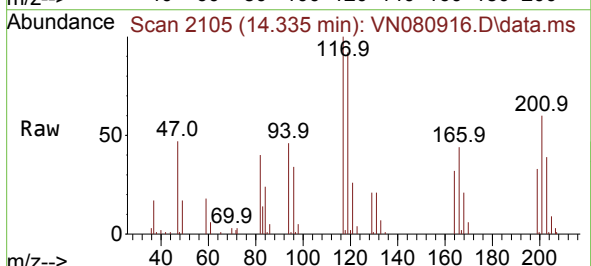
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

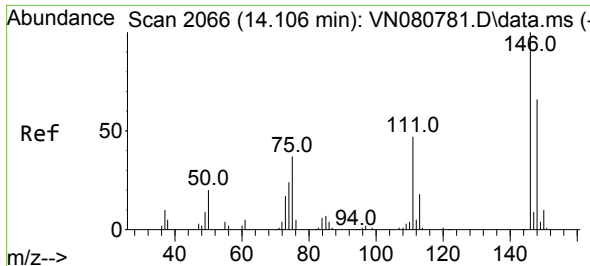
Tgt Ion: 91 Resp: 236615
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 21.8 10.8 32.4



#90
Hexachloroethane
Concen: 49.243 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 117 Resp: 42374
Ion Ratio Lower Upper
117 100
201 56.0 30.0 90.0

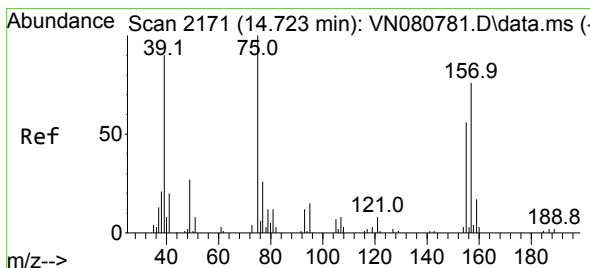
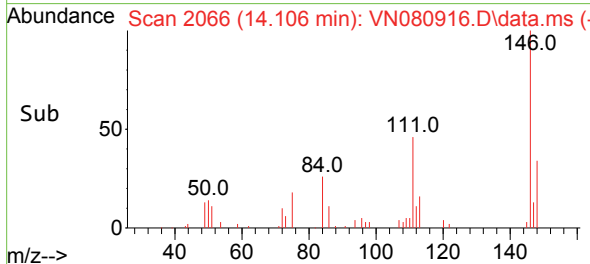
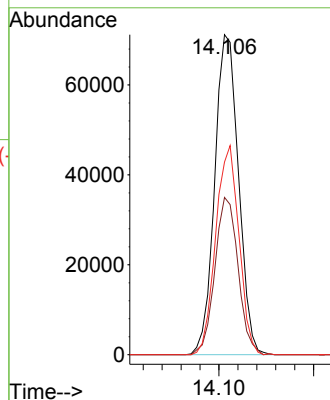
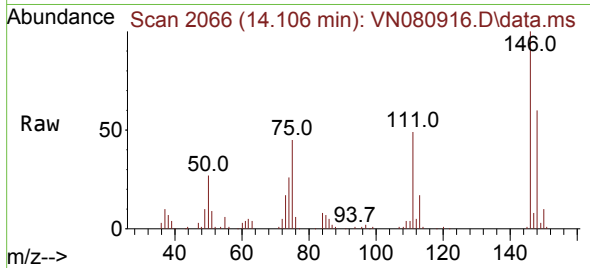




#91
1,2-Dichlorobenzene
Concen: 52.686 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

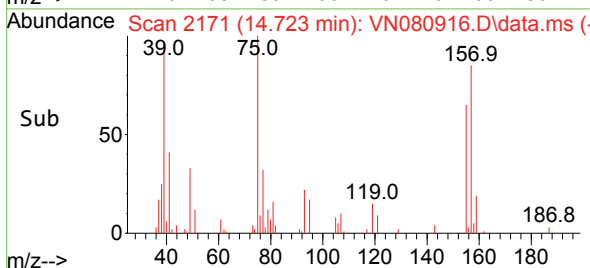
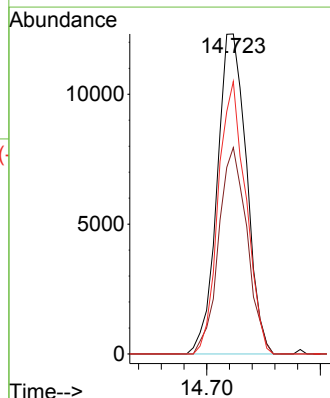
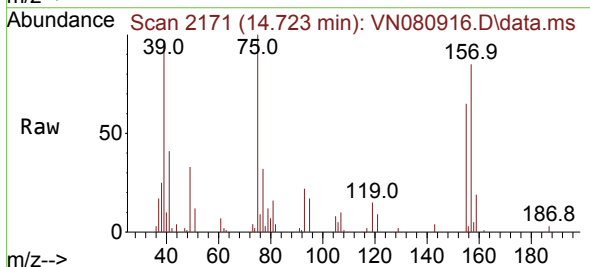
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

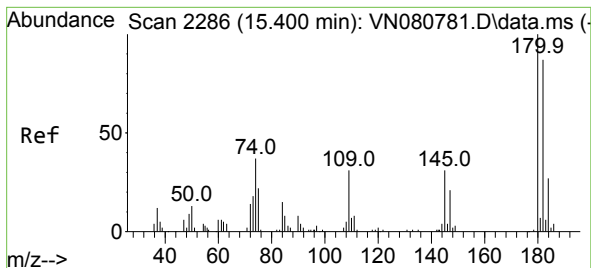
Tgt Ion:146 Resp: 124440
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.8
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.813 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
155 62.5 31.8 95.4
157 79.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 49.255 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

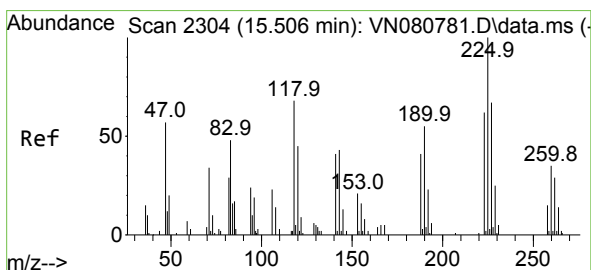
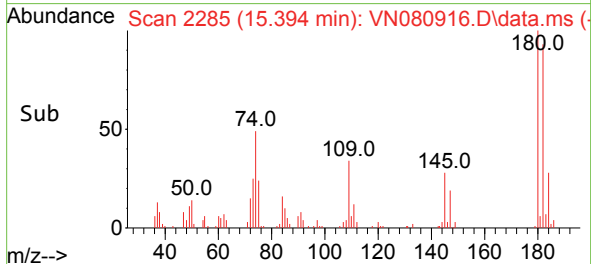
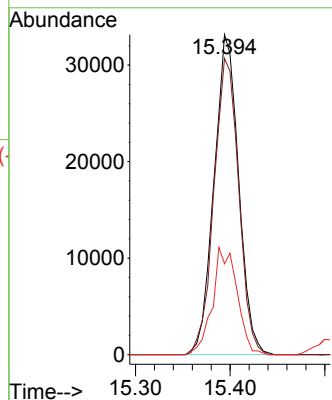
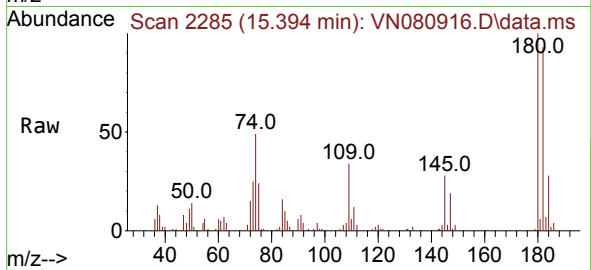
Tgt Ion:180 Resp: 59877

Ion Ratio Lower Upper

180 100

182 93.1 46.6 139.7

145 33.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 44.596 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN080916.D

Acq: 05 Feb 2024 23:02

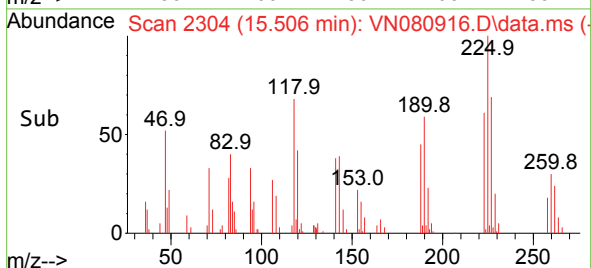
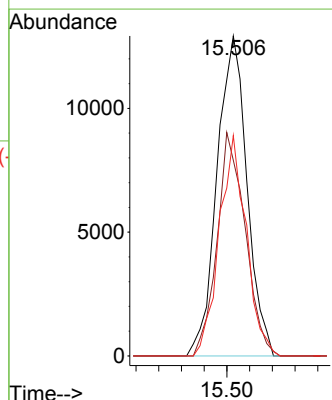
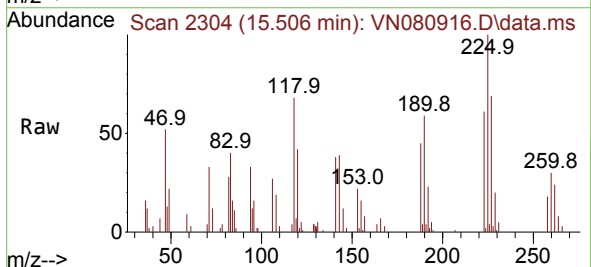
Tgt Ion:225 Resp: 23685

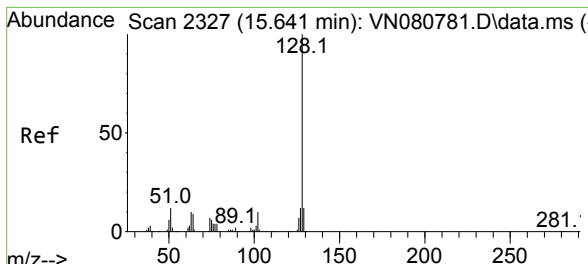
Ion Ratio Lower Upper

225 100

223 65.6 33.3 99.8

227 62.1 33.1 99.2

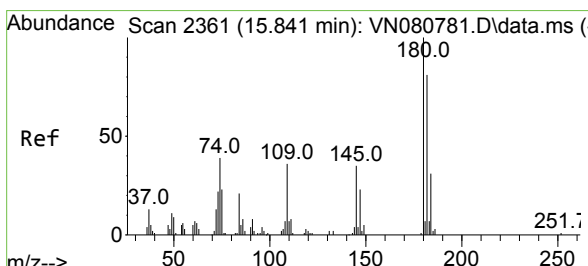
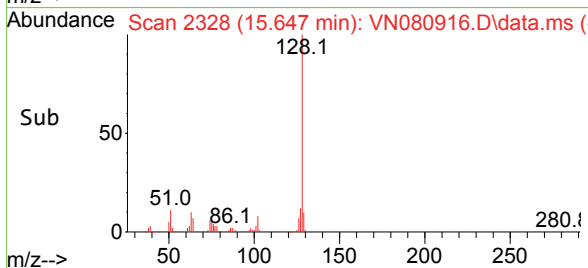
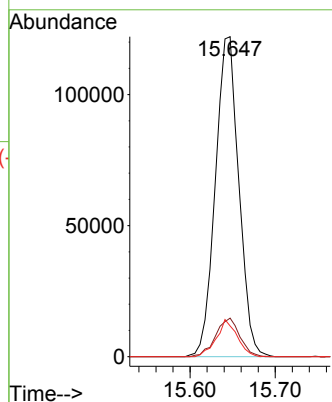
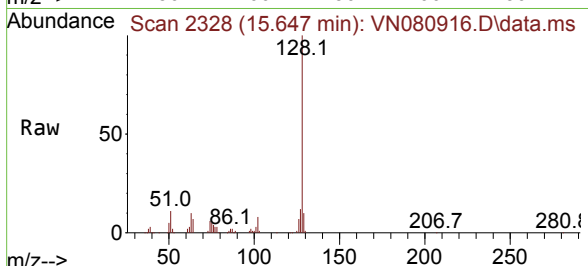




#95
Naphthalene
Concen: 50.152 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	233297
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	10.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.212 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080916.D
Acq: 05 Feb 2024 23:02

Tgt Ion:	180	Resp:	56414
Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.5	139.3
145	36.2	17.8	53.4

