

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081307.D
 Acq On : 05 Mar 2024 13:12
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 06 02:55:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	327237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	602889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	537074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	46772	9.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.780%#
35) Dibromofluoromethane	8.171	113	34849	9.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.860%#
50) Toluene-d8	10.571	98	126484	9.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.320%#
62) 4-Bromofluorobenzene	12.853	95	44333	9.084	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	18.160%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48904	11.274	ug/l	96
3) Chloromethane	2.359	50	46999	10.030	ug/l	97
4) Vinyl Chloride	2.512	62	49376	10.101	ug/l	93
5) Bromomethane	2.965	94	33315	10.205	ug/l	85
6) Chloroethane	3.124	64	30729	9.153	ug/l	93
7) Trichlorofluoromethane	3.495	101	73363	10.145	ug/l	87
8) Diethyl Ether	3.965	74	25765	10.113	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	41542	10.088	ug/l	95
10) Methyl Iodide	4.589	142	33969	9.014	ug/l #	93
11) Tert butyl alcohol	5.524	59	43245	52.270	ug/l #	75
12) 1,1-Dichloroethene	4.342	96	37558	9.849	ug/l #	79
13) Acrolein	4.177	56	49715	50.747	ug/l	95
14) Allyl chloride	5.018	41	54675	9.661	ug/l #	91
15) Acrylonitrile	5.718	53	105508	48.816	ug/l	95
16) Acetone	4.430	43	88513	52.800	ug/l	97
17) Carbon Disulfide	4.712	76	104857	9.634	ug/l #	93
18) Methyl Acetate	5.024	43	52153	10.866	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	126051	9.746	ug/l	99
20) Methylene Chloride	5.271	84	21613	4.479	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	41572	9.669	ug/l #	76
22) Diisopropyl ether	6.671	45	125899	10.016	ug/l	95
23) Vinyl Acetate	6.606	43	499014	48.865	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	76373	9.925	ug/l #	94
25) 2-Butanone	7.489	43	144915	51.618	ug/l	94
26) 2,2-Dichloropropane	7.494	77	63603	9.352	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	47033	9.649	ug/l	90
28) Bromochloromethane	7.812	49	32612	9.905	ug/l #	71
29) Tetrahydrofuran	7.841	42	97686	51.027	ug/l	90
30) Chloroform	7.965	83	78508	9.832	ug/l	95
31) Cyclohexane	8.253	56	71690	10.008	ug/l #	94
32) 1,1,1-Trichloroethane	8.171	97	69887	9.901	ug/l	89
36) 1,1-Dichloropropene	8.371	75	58236	9.773	ug/l	97
37) Ethyl Acetate	7.559	43	58703	10.077	ug/l	97
38) Carbon Tetrachloride	8.359	117	58542	9.761	ug/l	93
39) Methylcyclohexane	9.606	83	66325	9.671	ug/l	87
40) Benzene	8.612	78	176601	9.929	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31259	9.502	ug/l	97
42) 1,2-Dichloroethane	8.671	62	61231	9.763	ug/l	100
43) Isopropyl Acetate	8.694	43	97615	9.574	ug/l	98
44) Trichloroethene	9.359	130	42507	9.475	ug/l	94
45) 1,2-Dichloropropane	9.624	63	43924	9.830	ug/l	95
46) Dibromomethane	9.712	93	31494	10.000	ug/l	91
47) Bromodichloromethane	9.894	83	59920	9.800	ug/l #	93
48) Methyl methacrylate	9.683	41	43798	9.718	ug/l	90
49) 1,4-Dioxane	9.694	88	20455	205.922	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	299862	50.651	ug/l	97
52) Toluene	10.630	92	105003	9.772	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	63310	9.570	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	67537	9.457	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	42154	9.893	ug/l	95
56) Ethyl methacrylate	10.877	69	58563	9.572	ug/l	93
57) 1,3-Dichloropropane	11.165	76	70690	9.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	163432	49.658	ug/l #	88
59) 2-Hexanone	11.194	43	221774	50.109	ug/l	95
60) Dibromochloromethane	11.365	129	42335	9.647	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44075	9.969	ug/l	98
64) Tetrachloroethene	11.106	164	42217	10.039	ug/l	97
65) Chlorobenzene	11.894	112	110903	9.799	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	40618	9.808	ug/l	96
67) Ethyl Benzene	11.965	91	193595	9.496	ug/l	99
68) m/p-Xylenes	12.076	106	148393	19.341	ug/l	97
69) o-Xylene	12.400	106	72666	9.773	ug/l	91
70) Styrene	12.412	104	114378	9.707	ug/l	97
71) Bromoform	12.582	173	26271	9.137	ug/l #	97
73) Isopropylbenzene	12.694	105	186937	10.157	ug/l	99
74) N-amyl acetate	12.494	43	78058	10.108	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	59006	10.388	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	76092	13.785	ug/l	60
77) Bromobenzene	12.982	156	40942	9.382	ug/l	81
78) n-propylbenzene	13.035	91	214969	9.875	ug/l	97
79) 2-Chlorotoluene	13.129	91	129707	9.748	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	160469	10.547	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17563	9.104	ug/l	84
82) 4-Chlorotoluene	13.223	91	129645	9.864	ug/l	97
83) tert-Butylbenzene	13.441	119	133019	10.198	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	153803	9.978	ug/l	99
85) sec-Butylbenzene	13.618	105	191848	10.167	ug/l	97
86) p-Isopropyltoluene	13.735	119	153094	10.117	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	80564	9.777	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	80394	9.761	ug/l	100
89) n-Butylbenzene	14.059	91	133067	9.588	ug/l	97
90) Hexachloroethane	14.335	117	25901	9.776	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	79762	10.089	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12543	10.319	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	38467	9.103	ug/l	93
94) Hexachlorobutadiene	15.506	225	16553	9.480	ug/l	98
95) Naphthalene	15.641	128	146128	9.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42163	9.838	ug/l	99

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QLast Update : Wed Mar 06 01:47:06 2024
Response via : Initial Calibration

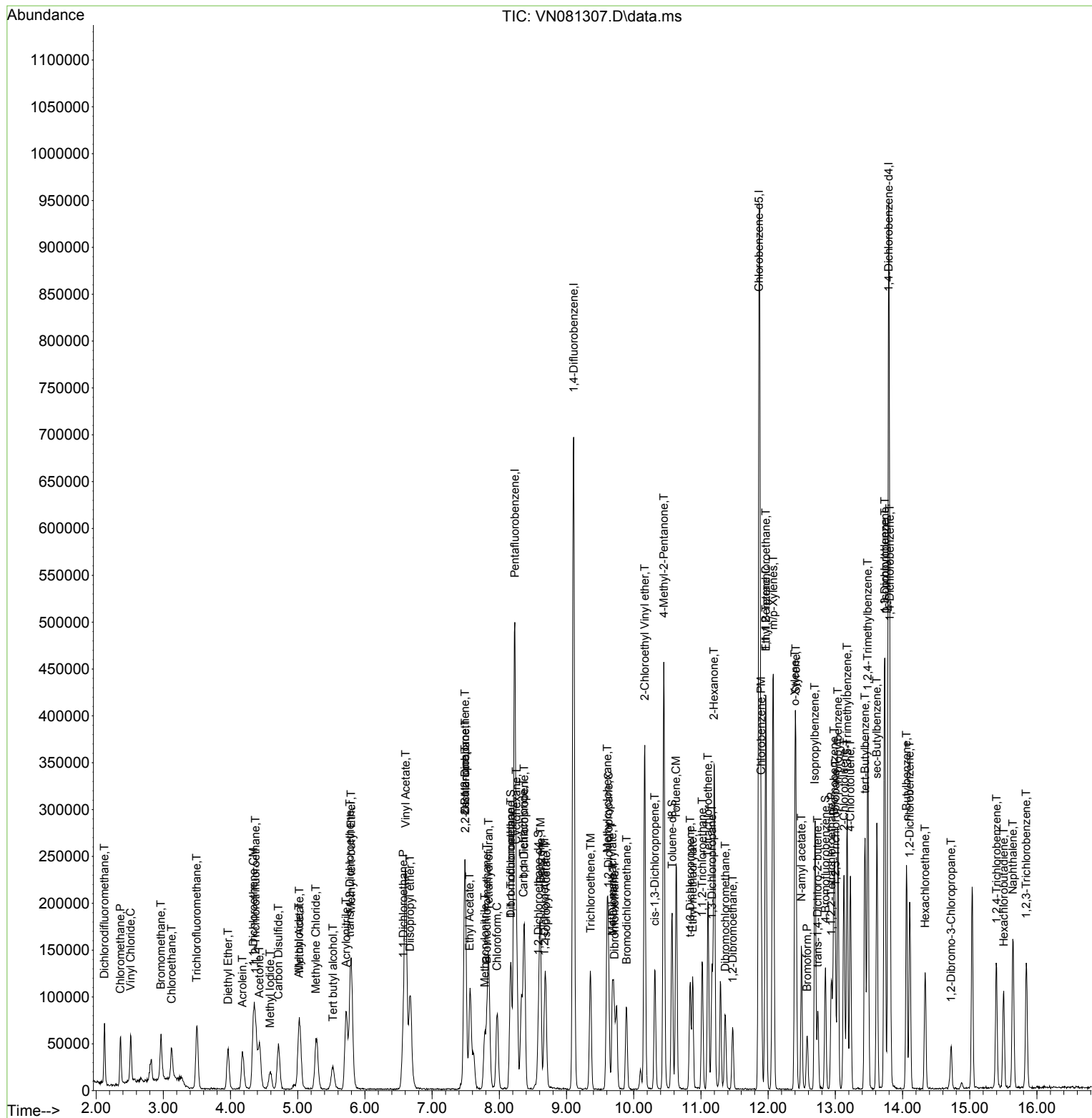
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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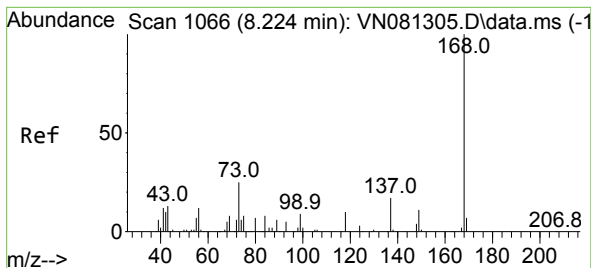
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081307.D

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Instrument :

MSVOA_N

ClientSampleId :

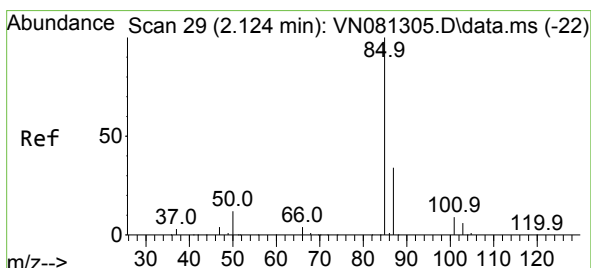
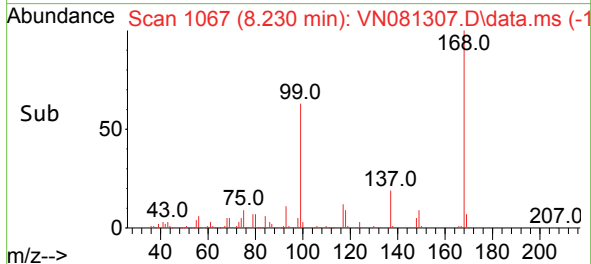
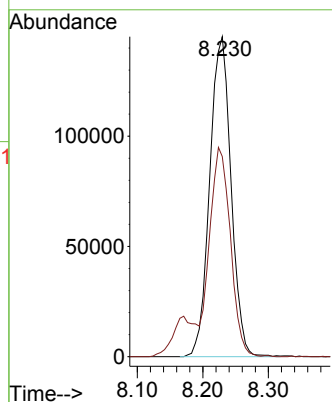
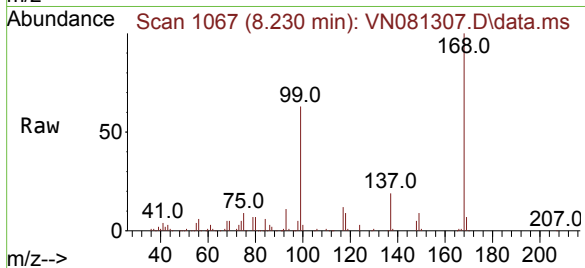
VSTDICC010

Tgt Ion:168 Resp: 327237

Ion Ratio Lower Upper

168 100

99 62.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 11.274 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081307.D

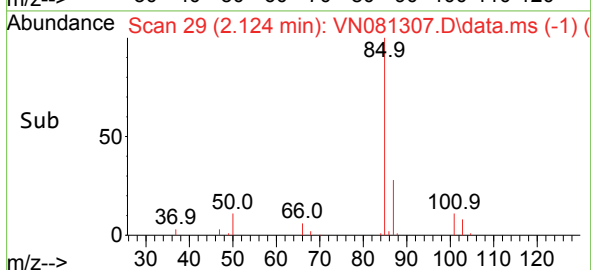
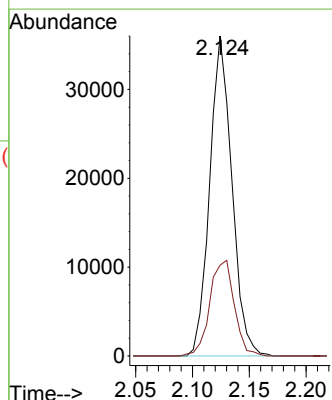
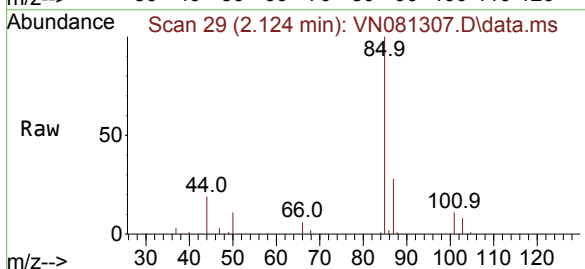
Acq: 05 Mar 2024 13:12

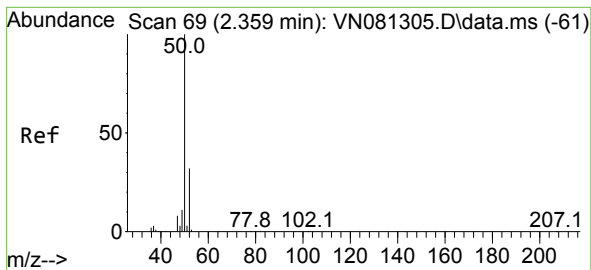
Tgt Ion: 85 Resp: 48904

Ion Ratio Lower Upper

85 100

87 28.4 15.3 45.9





#3

Chloromethane

Concen: 10.030 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

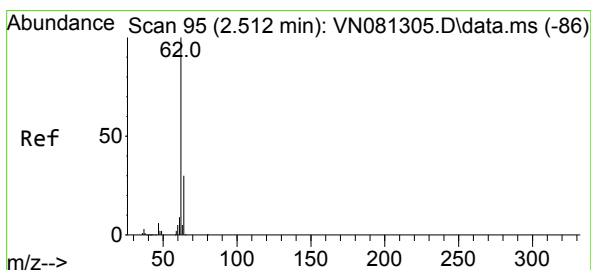
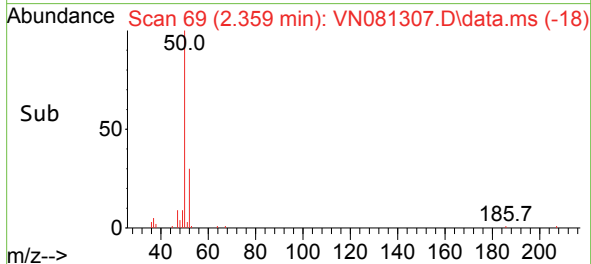
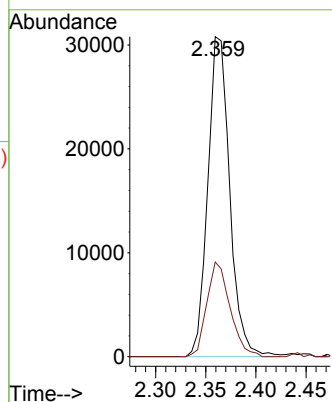
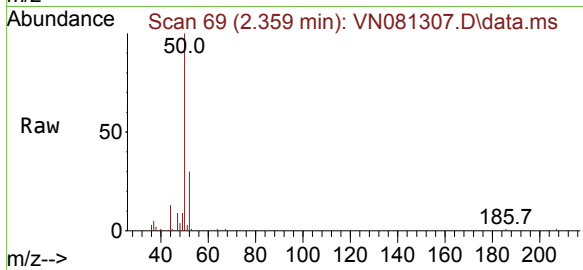
VSTDIC010

Tgt Ion: 50 Resp: 46999

Ion Ratio Lower Upper

50 100

52 29.6 25.0 37.4



#4

Vinyl Chloride

Concen: 10.101 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN081307.D

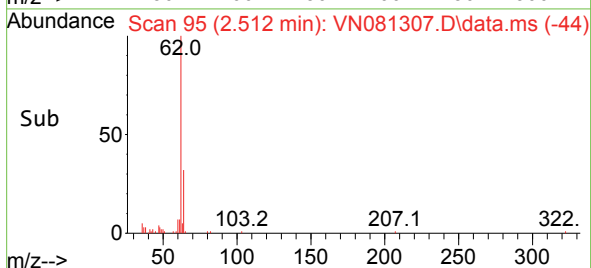
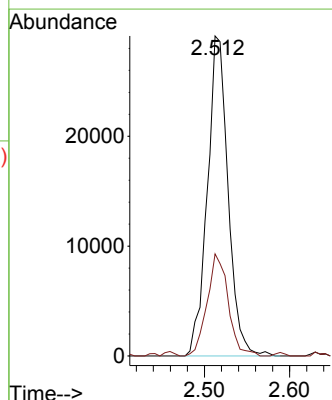
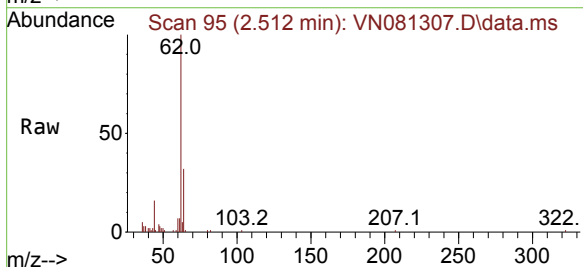
Acq: 05 Mar 2024 13:12

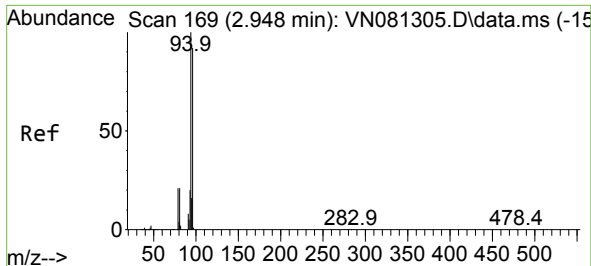
Tgt Ion: 62 Resp: 49376

Ion Ratio Lower Upper

62 100

64 31.9 22.7 34.1

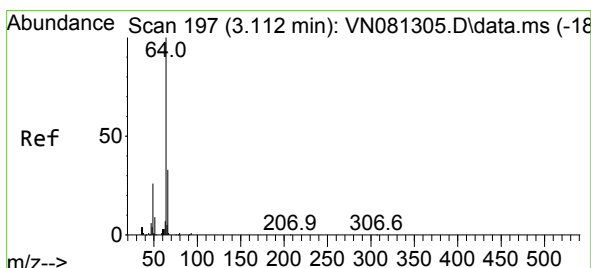
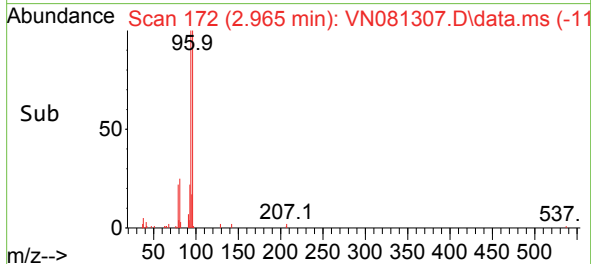
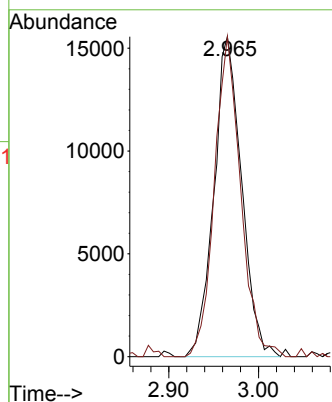
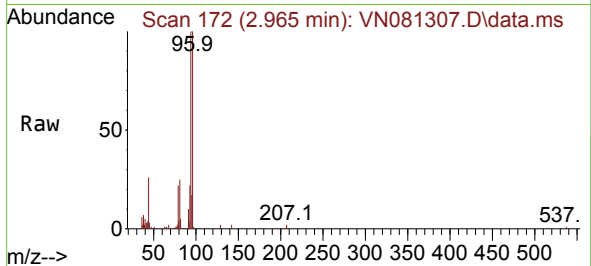




#5
Bromomethane
Concen: 10.205 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081307.D
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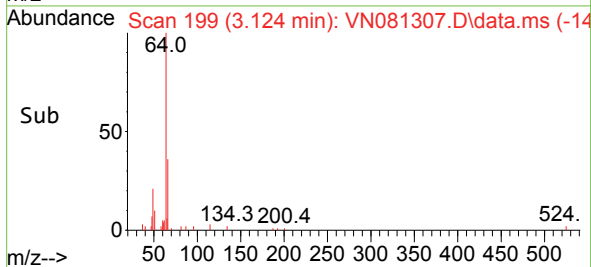
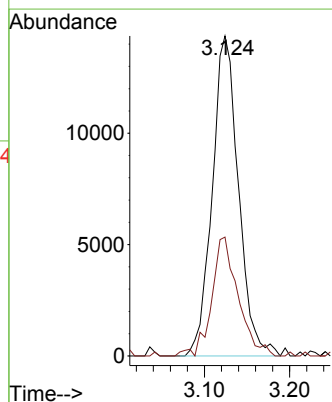
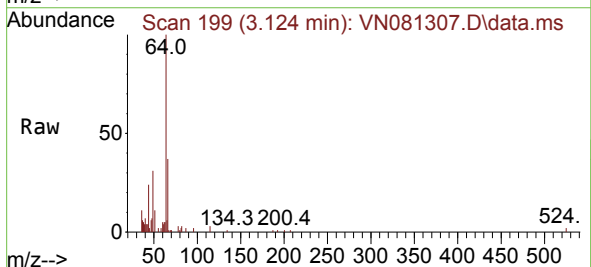
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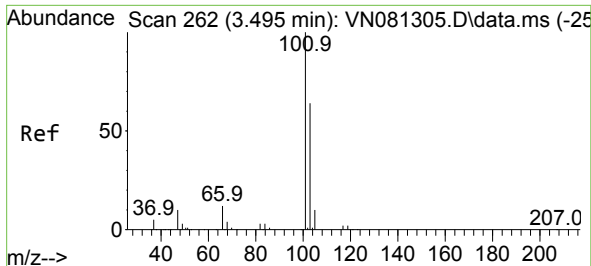
Tgt Ion: 94 Resp: 33315
Ion Ratio Lower Upper
94 100
96 100.0 69.2 103.8



#6
Chloroethane
Concen: 9.153 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 64 Resp: 30729
Ion Ratio Lower Upper
64 100
66 37.1 26.4 39.6

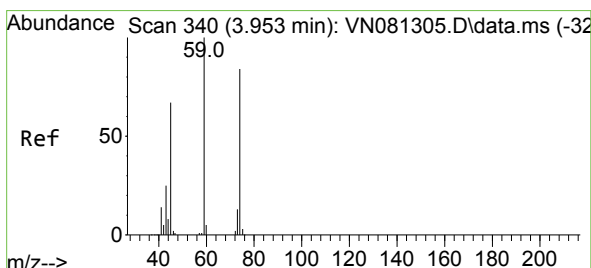
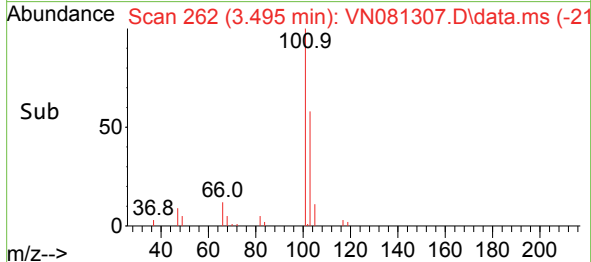
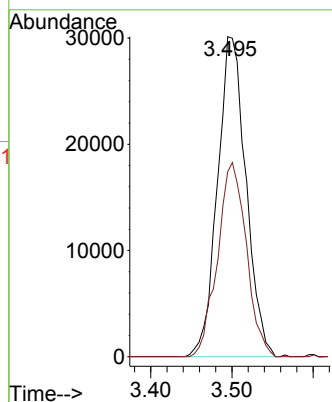
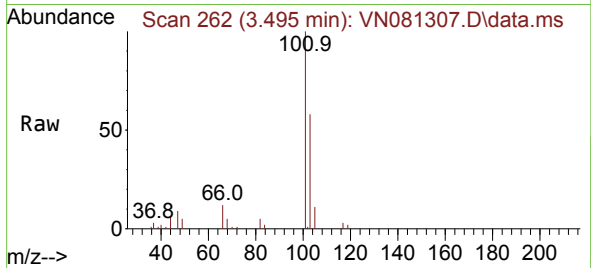




#7
Trichlorofluoromethane
Concen: 10.145 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

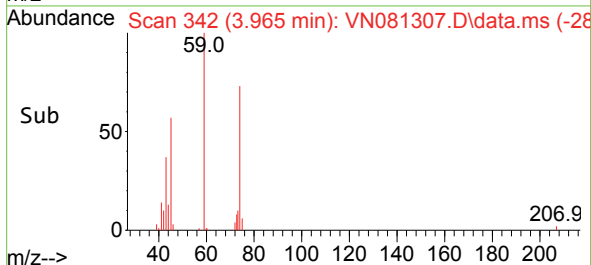
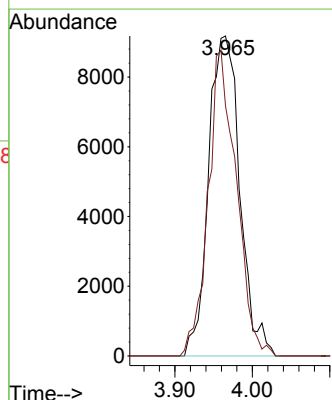
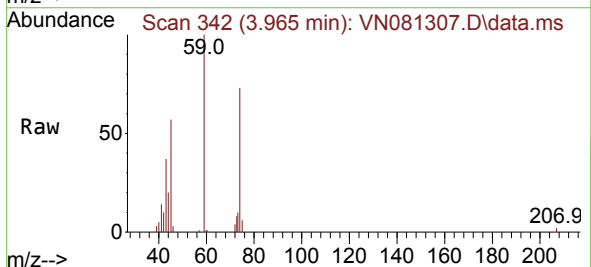
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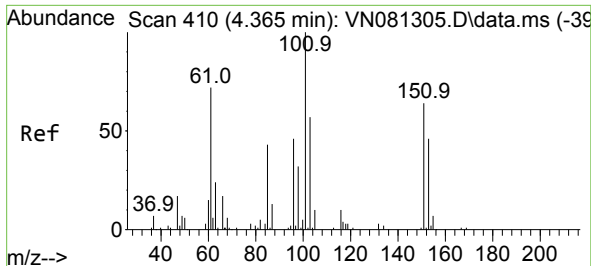
Tgt Ion:101 Resp: 73363
Ion Ratio Lower Upper
101 100
103 57.8 54.4 81.6



#8
Diethyl Ether
Concen: 10.113 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 74 Resp: 25765
Ion Ratio Lower Upper
74 100
45 86.3 53.3 159.9

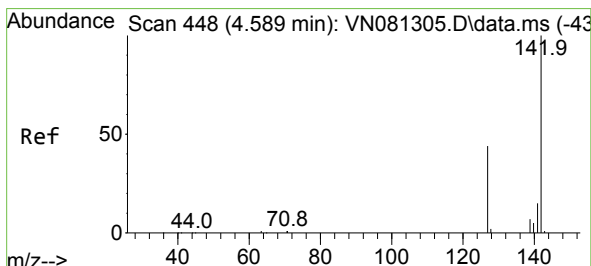
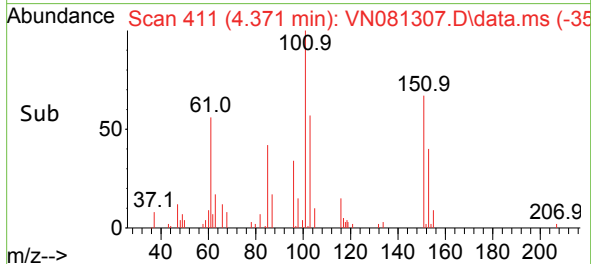
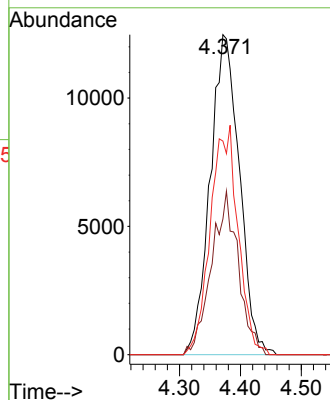
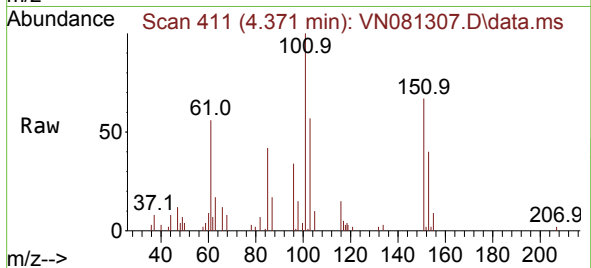




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.088 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

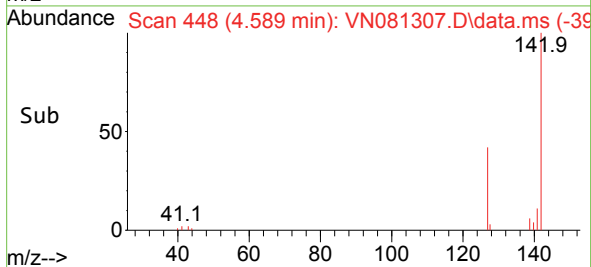
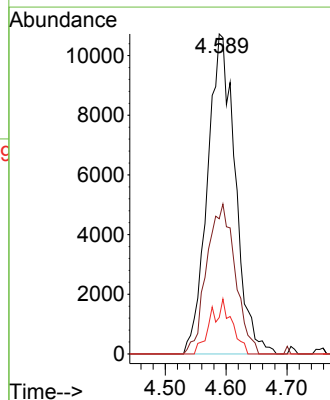
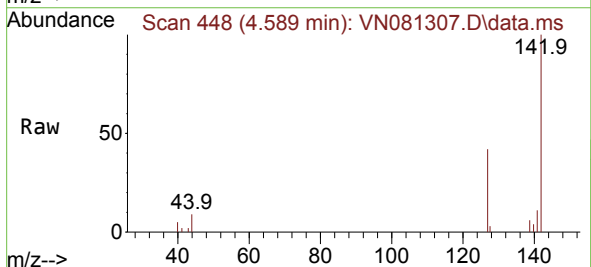
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

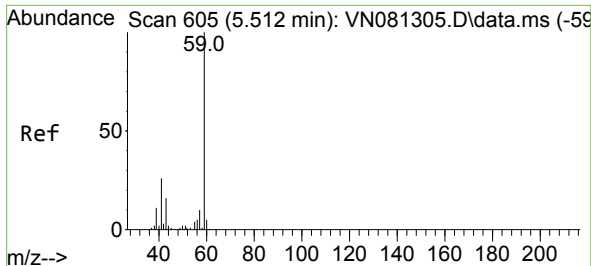
Tgt Ion:101 Resp: 41542
Ion Ratio Lower Upper
101 100
85 47.1 38.1 57.1
151 67.9 49.1 73.7



#10
Methyl Iodide
Concen: 9.014 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:142 Resp: 33969
Ion Ratio Lower Upper
142 100
127 42.2 37.0 55.4
141 11.4 12.5 18.7#

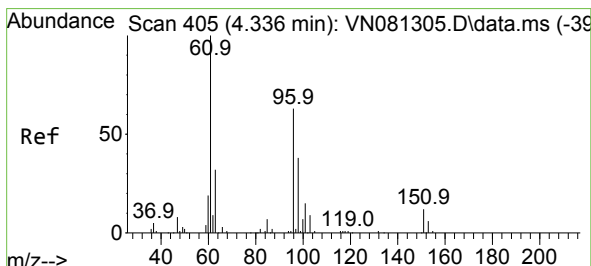
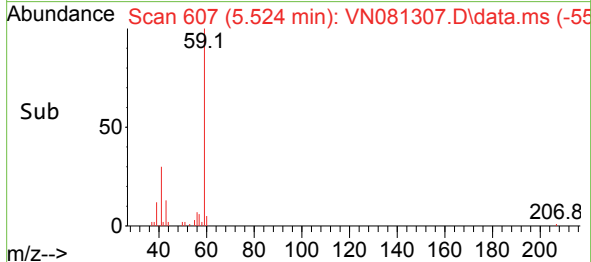
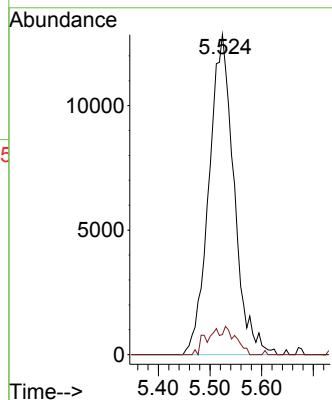
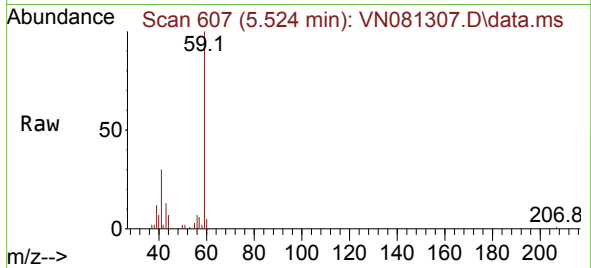




#11
Tert butyl alcohol
Concen: 52.270 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

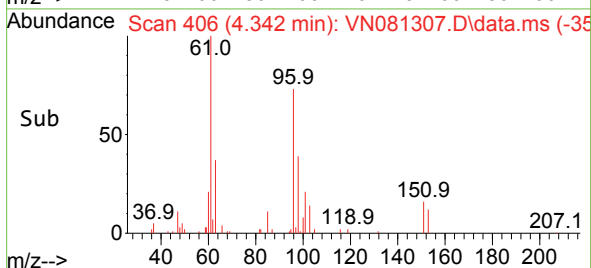
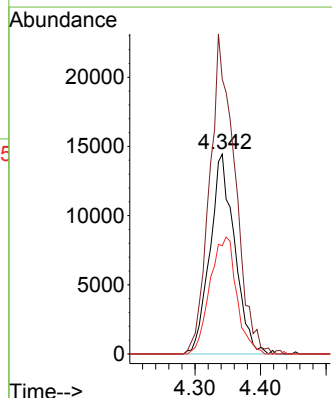
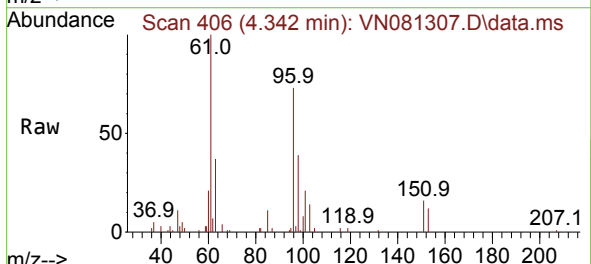
Instrument :
MSVOA_N
ClientSampleId :
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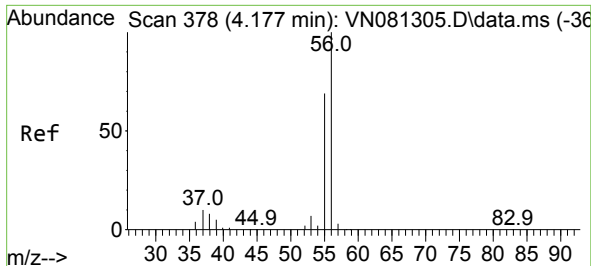
Tgt Ion: 59 Resp: 43245
Ion Ratio Lower Upper
59 100
57 1.2 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 9.849 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 96 Resp: 37558
Ion Ratio Lower Upper
96 100
61 137.4 138.2 207.4#
98 54.2 49.2 73.8

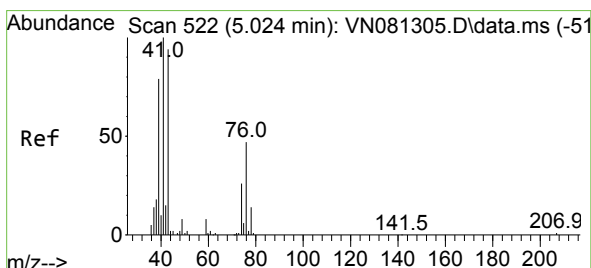
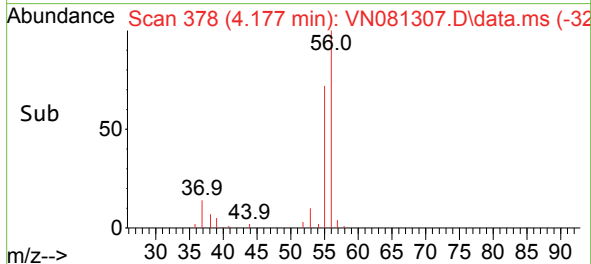
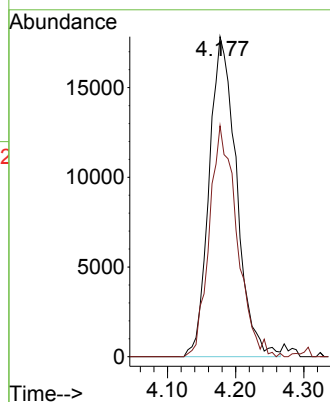
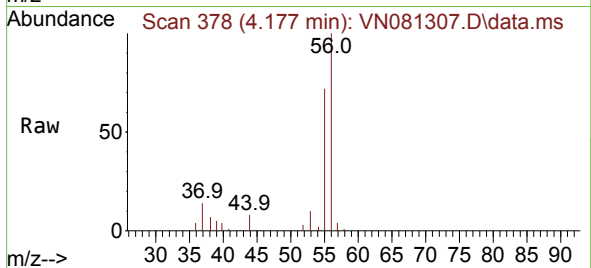




#13
Acrolein
Concen: 50.747 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

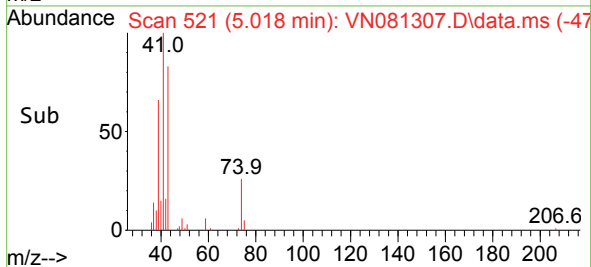
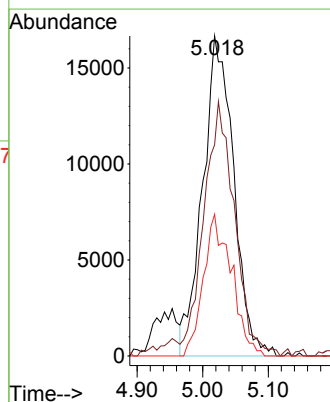
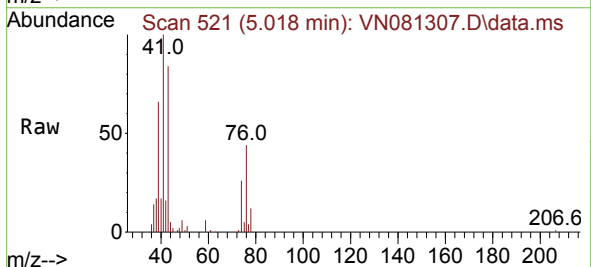
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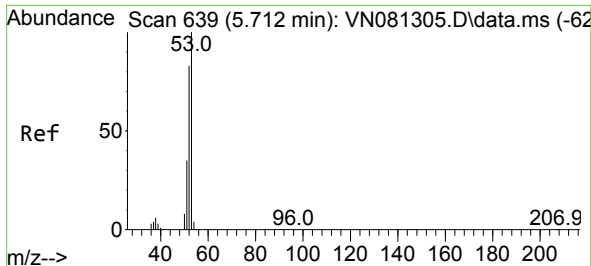
Tgt Ion: 56 Resp: 49715
Ion Ratio Lower Upper
56 100
55 73.0 55.3 82.9



#14
Allyl chloride
Concen: 9.661 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 41 Resp: 54675
Ion Ratio Lower Upper
41 100
39 78.6 57.7 86.5
76 40.2 26.8 40.2#

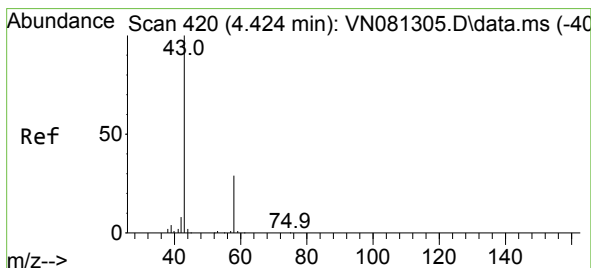
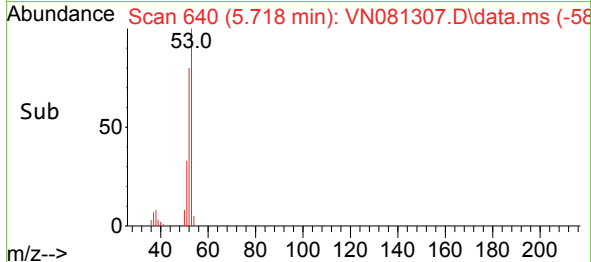
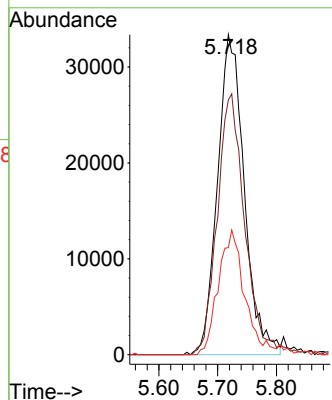
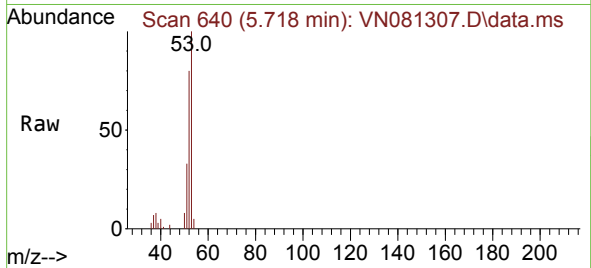




#15
Acrylonitrile
Concen: 48.816 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

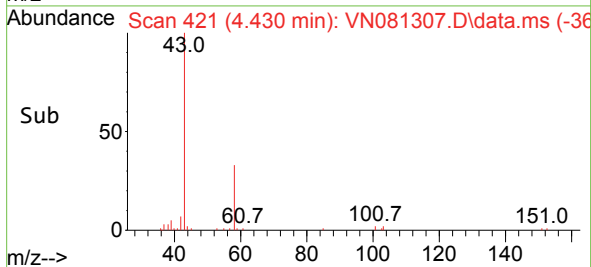
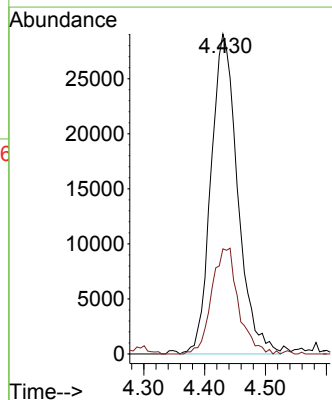
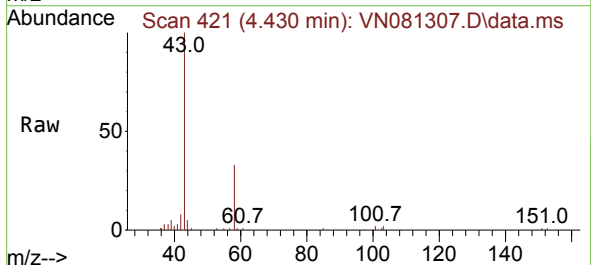
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

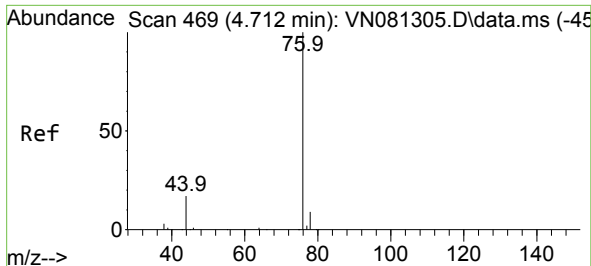
Tgt Ion: 53 Resp: 105508
Ion Ratio Lower Upper
53 100
52 84.1 64.8 97.2
51 38.3 26.9 40.3



#16
Acetone
Concen: 52.800 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 43 Resp: 88513
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2

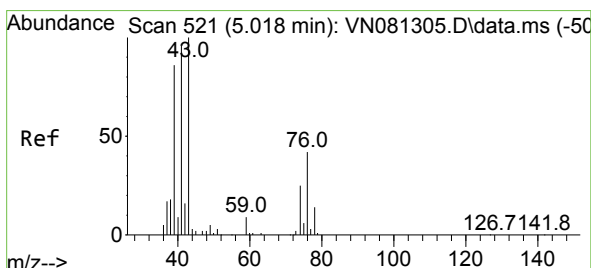
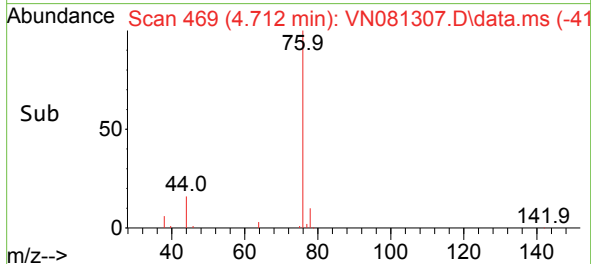
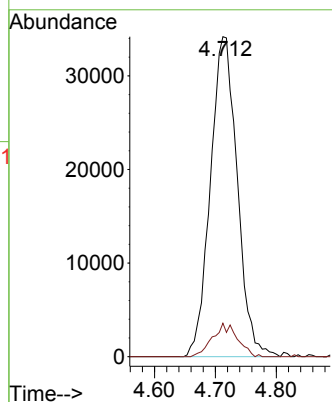
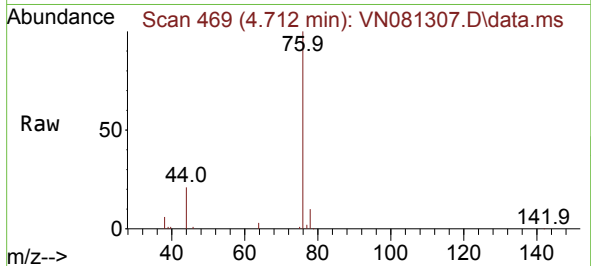




#17
Carbon Disulfide
Concen: 9.634 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

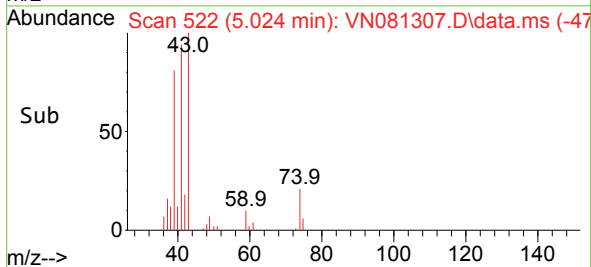
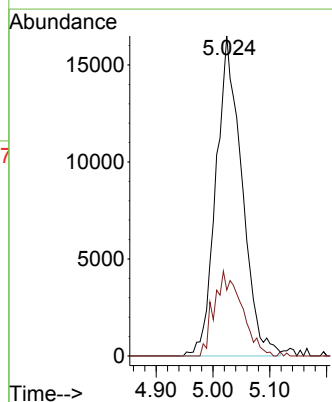
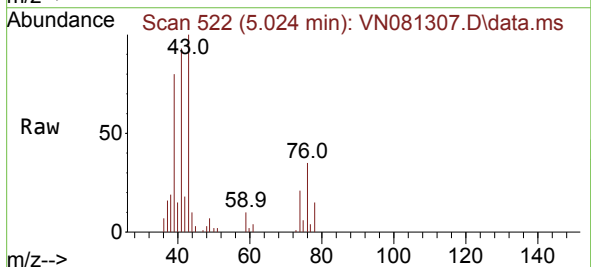
Instrument :
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ClientSampleId :
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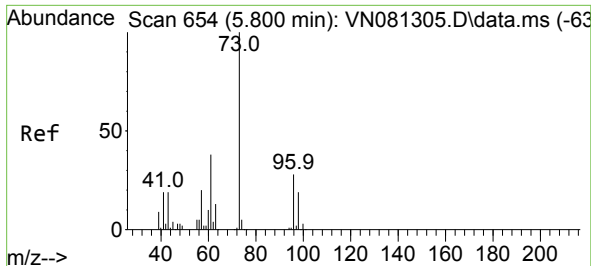
Tgt Ion: 76 Resp: 104857
Ion Ratio Lower Upper
76 100
78 10.4 6.3 9.5#



#18
Methyl Acetate
Concen: 10.866 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 43 Resp: 52153
Ion Ratio Lower Upper
43 100
74 28.2 17.3 25.9#

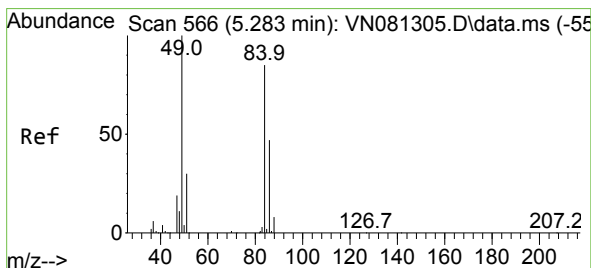
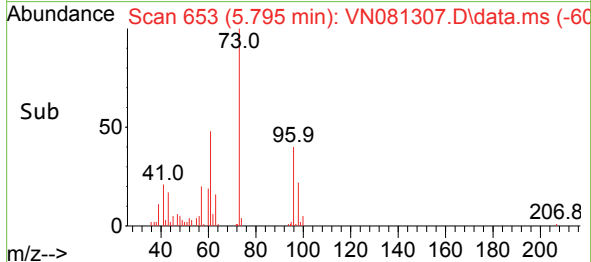
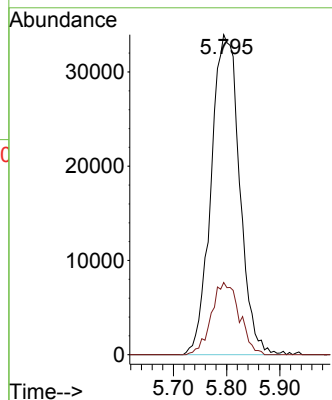
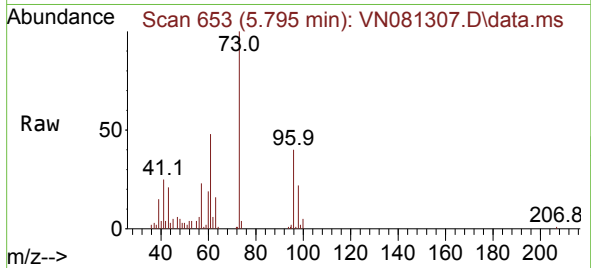




#19
Methyl tert-butyl Ether
Concen: 9.746 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

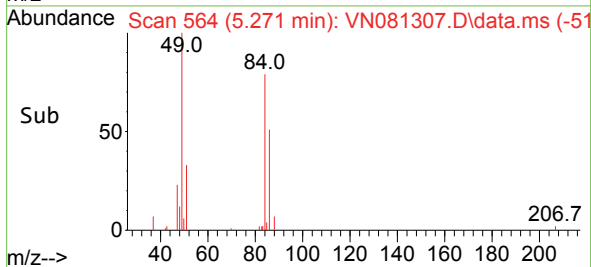
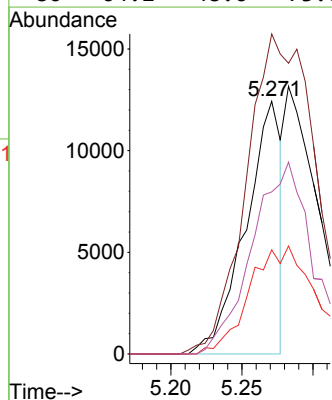
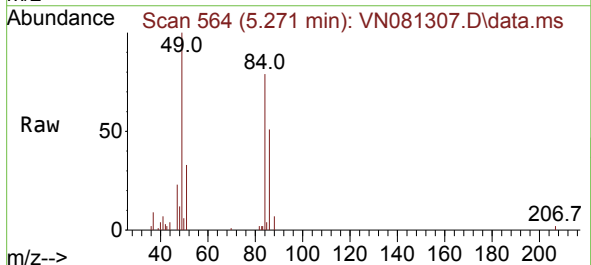
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

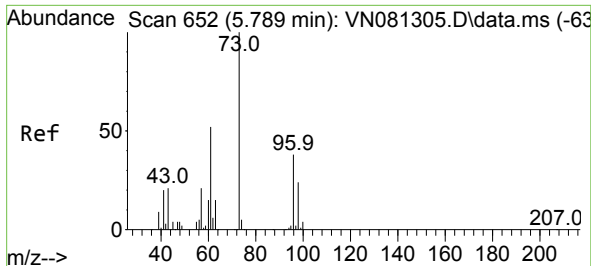
Tgt Ion: 73 Resp: 126051
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 4.479 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 84 Resp: 21613
Ion Ratio Lower Upper
84 100
49 126.7 108.1 162.1
51 41.2 32.9 49.3
86 64.2 48.6 73.0

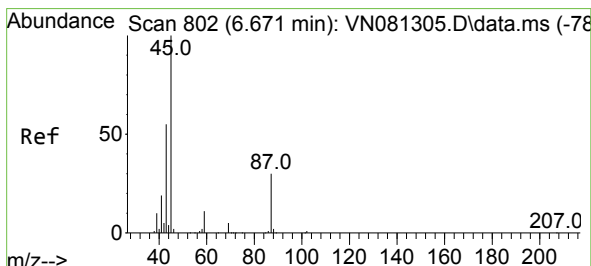
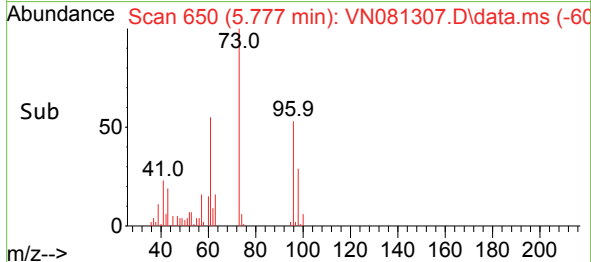
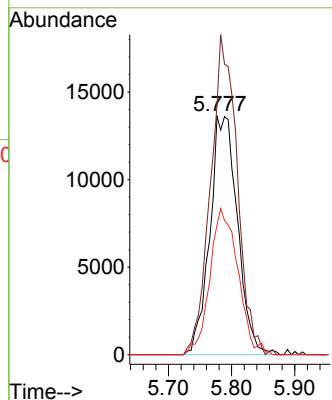
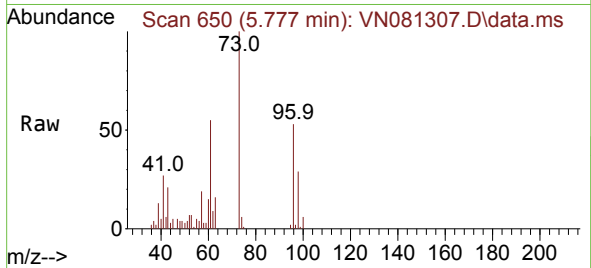




#21
trans-1,2-Dichloroethene
Concen: 9.669 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

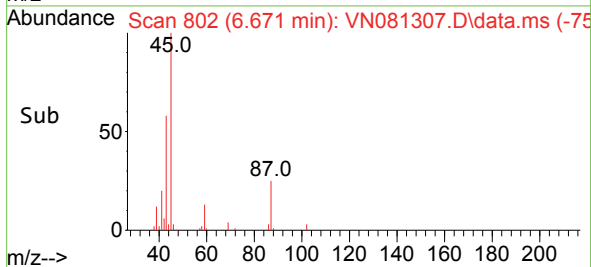
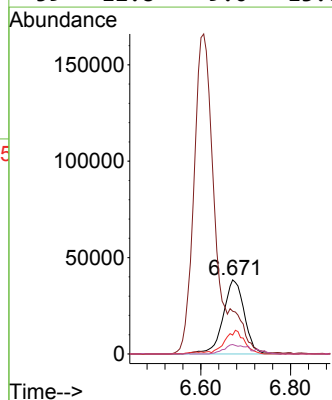
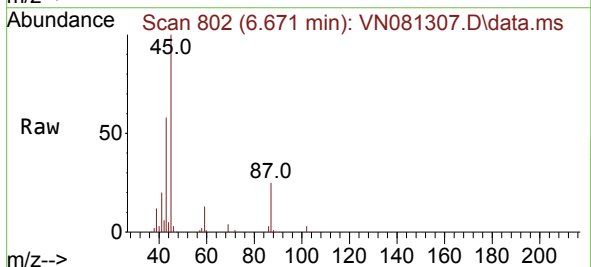
Instrument :
MSVOA_N
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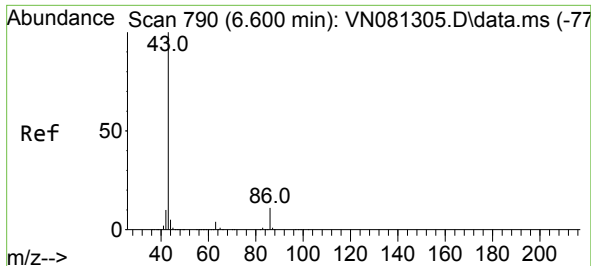
Tgt Ion: 96 Resp: 41572
Ion Ratio Lower Upper
96 100
61 104.5 112.8 169.2#
98 54.3 51.0 76.4



#22
Diisopropyl ether
Concen: 10.016 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 45 Resp: 125899
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.8
87 25.5 18.1 27.1
59 12.8 9.0 13.6

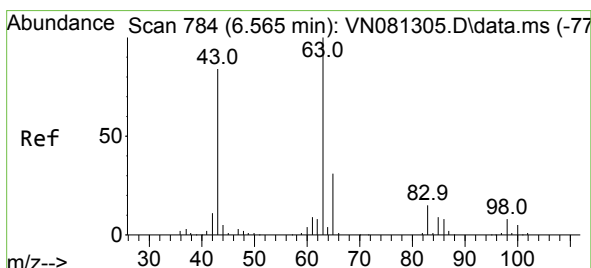
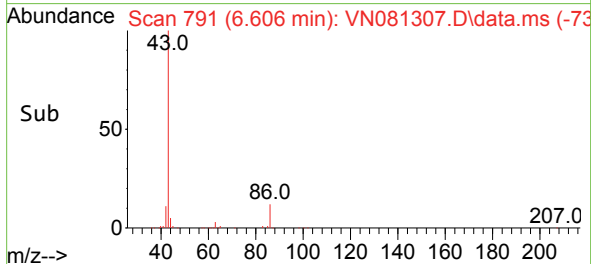
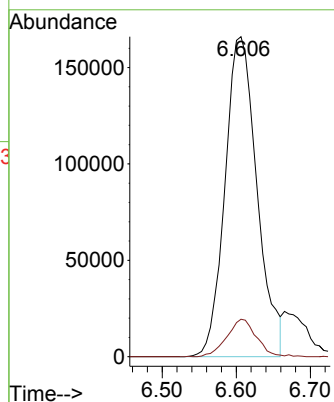
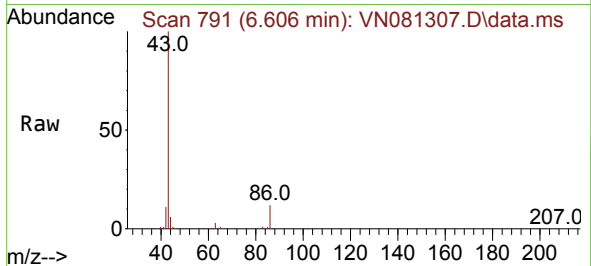




#23
 Vinyl Acetate
 Concen: 48.865 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

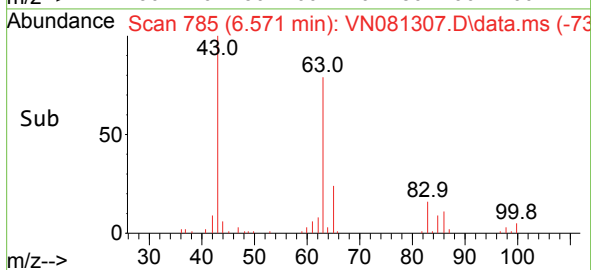
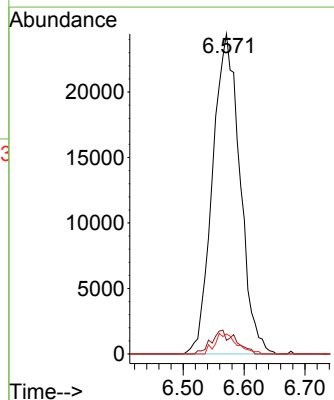
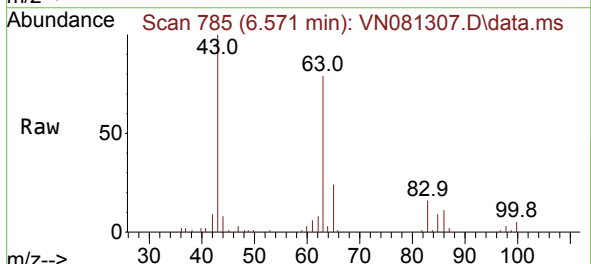
Instrument :
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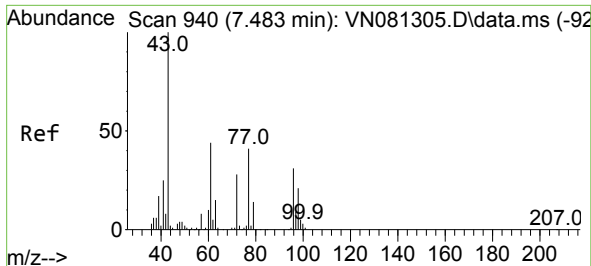
Tgt Ion: 43 Resp: 499014
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 9.925 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

Tgt Ion: 63 Resp: 76373
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.9 8.6
 100 6.2 1.9 5.7#

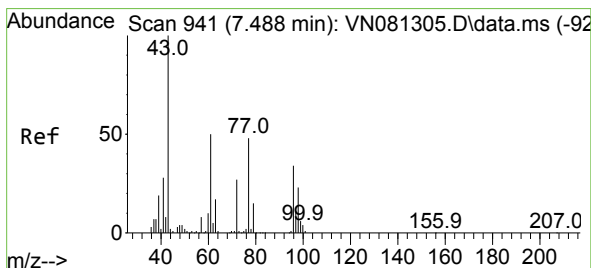
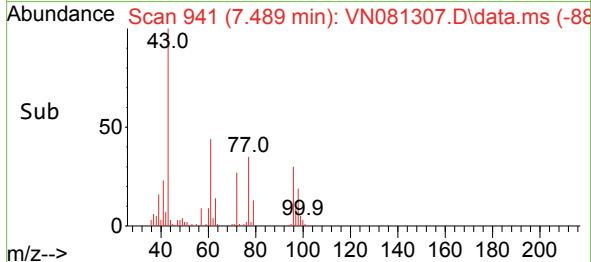
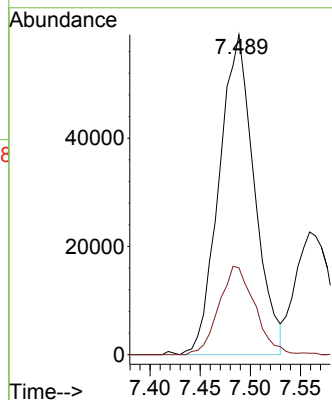
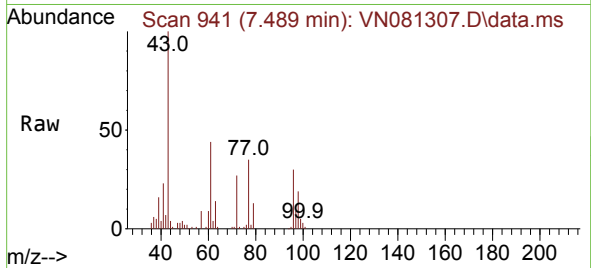




#25
2-Butanone
Concen: 51.618 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

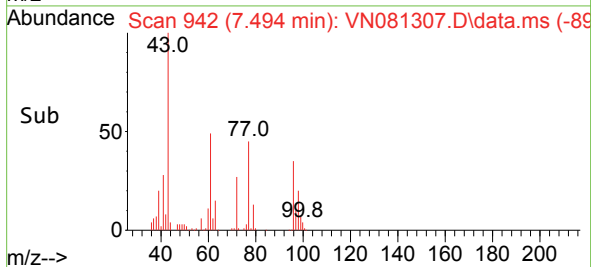
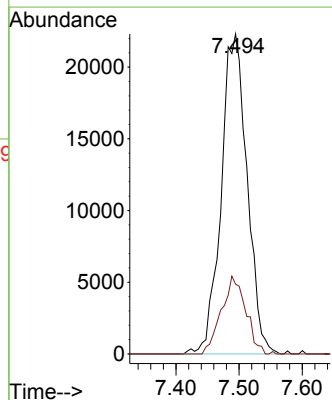
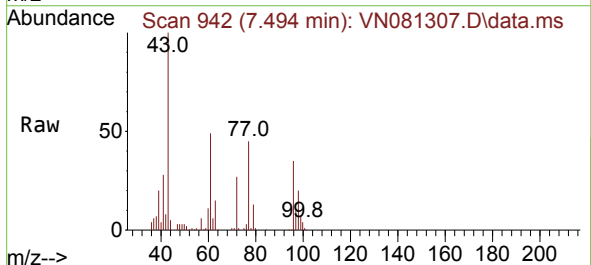
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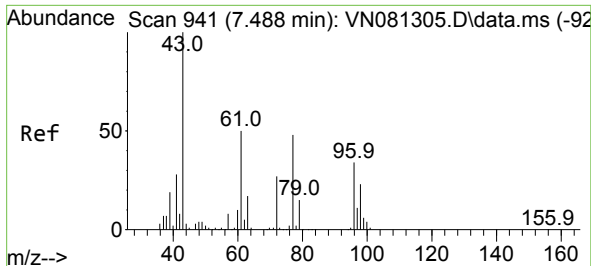
Tgt Ion: 43 Resp: 144915
Ion Ratio Lower Upper
43 100
72 27.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 9.352 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 77 Resp: 63603
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5

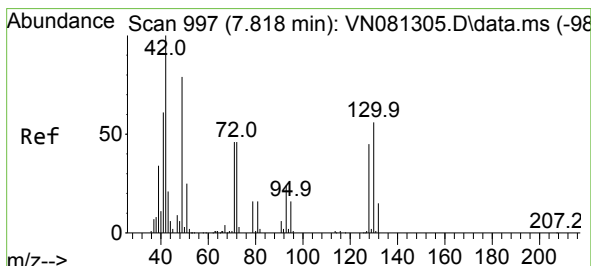
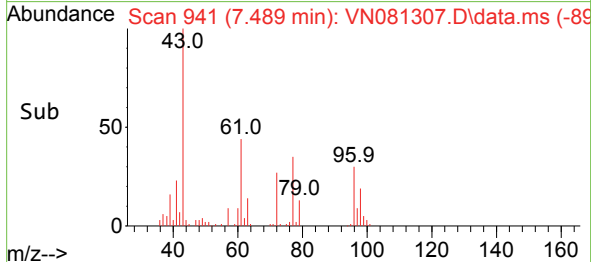
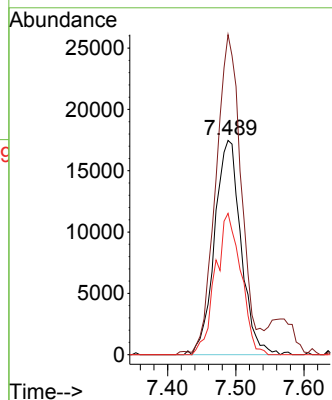
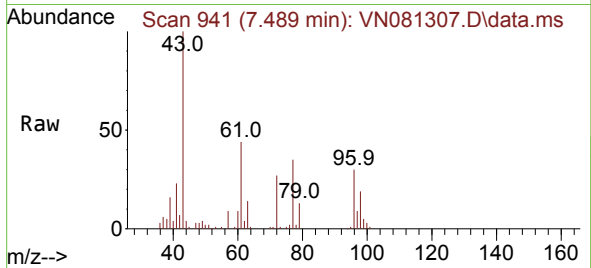




#27
 cis-1,2-Dichloroethene
 Concen: 9.649 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

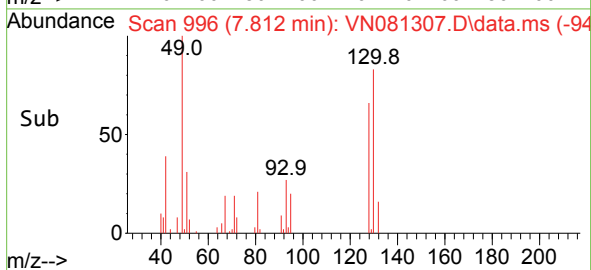
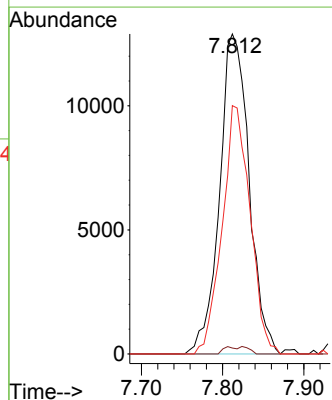
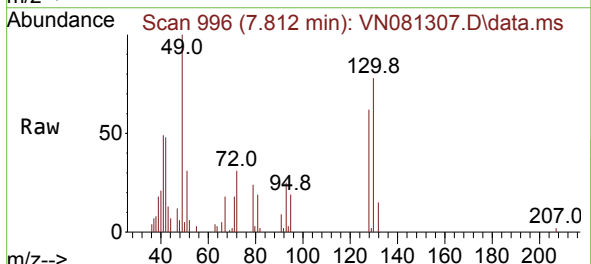
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

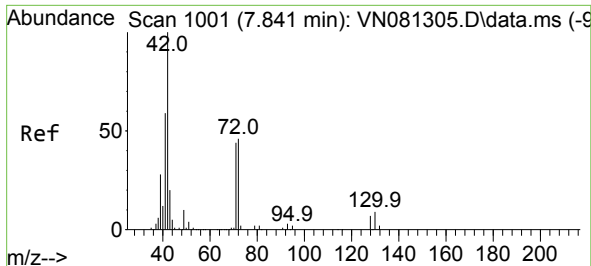
Tgt Ion: 96 Resp: 47033
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 325.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 9.905 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

Tgt Ion: 49 Resp: 32612
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.6
 130 73.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 51.027 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

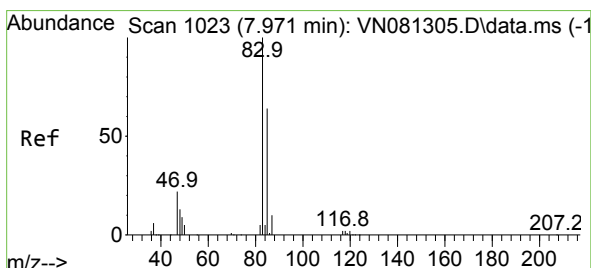
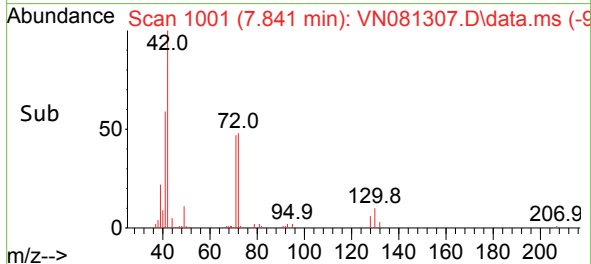
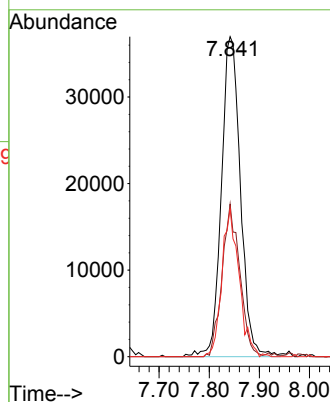
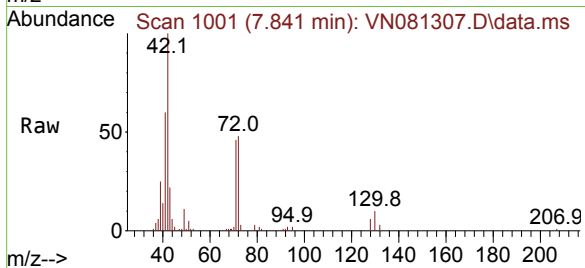
Tgt Ion: 42 Resp: 97686

Ion Ratio Lower Upper

42 100

72 44.3 31.1 46.7

71 41.8 28.3 42.5



#30

Chloroform

Concen: 9.832 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081307.D

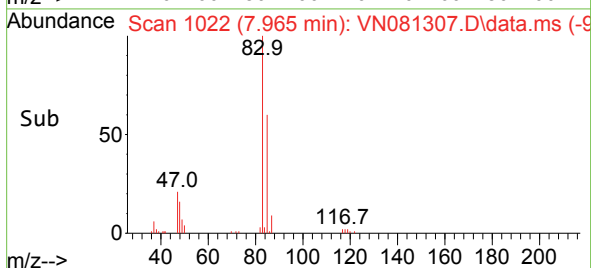
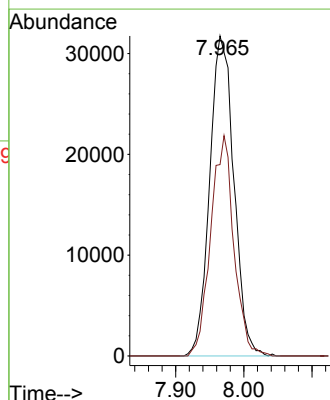
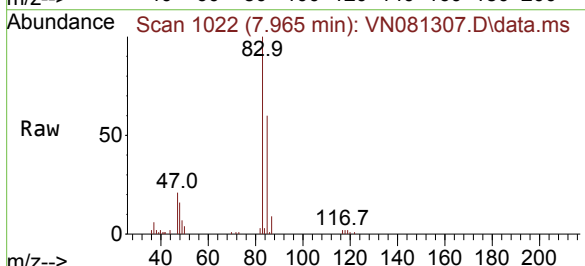
Acq: 05 Mar 2024 13:12

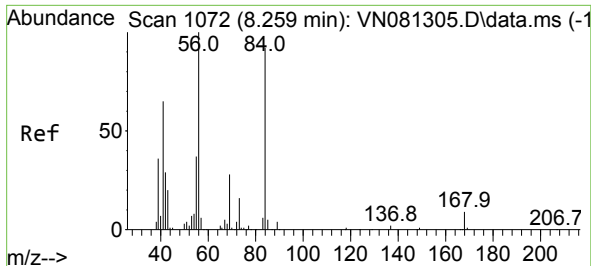
Tgt Ion: 83 Resp: 78508

Ion Ratio Lower Upper

83 100

85 59.8 51.0 76.6

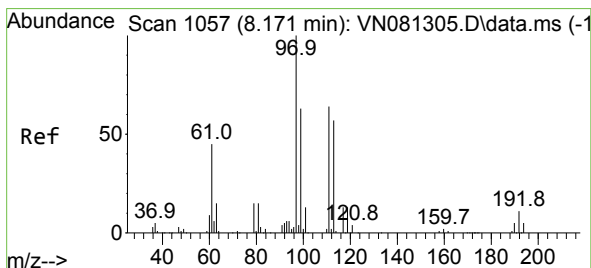
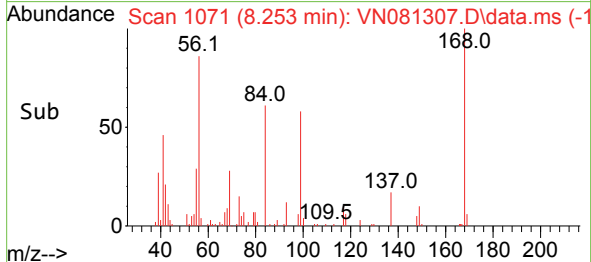
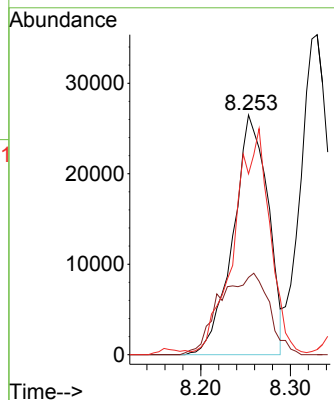
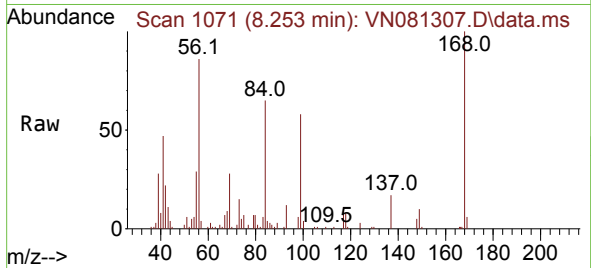




#31
Cyclohexane
Concen: 10.008 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

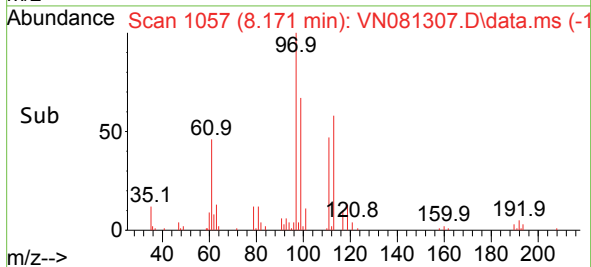
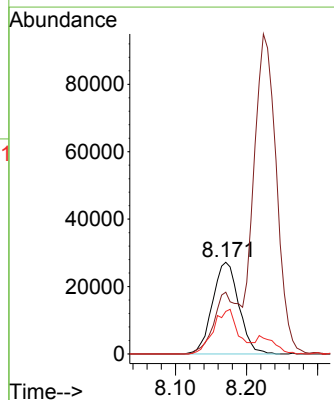
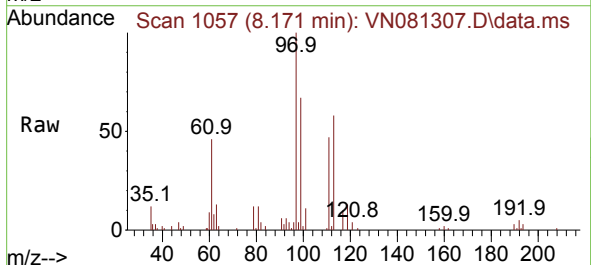
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

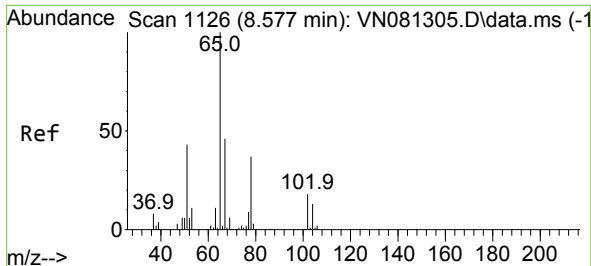
Tgt Ion: 56 Resp: 71690
Ion Ratio Lower Upper
56 100
69 32.2 20.1 30.1#
84 74.0 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 9.901 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 97 Resp: 69887
Ion Ratio Lower Upper
97 100
99 58.2 53.4 80.0
61 46.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 9.885 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

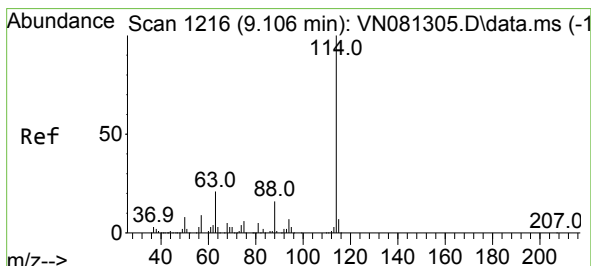
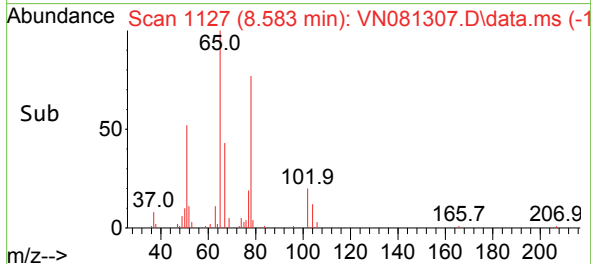
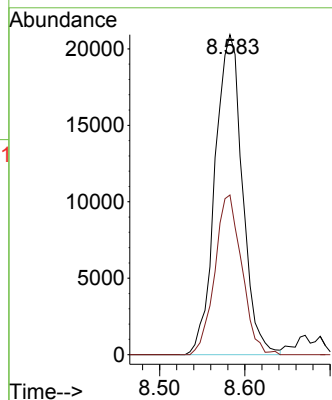
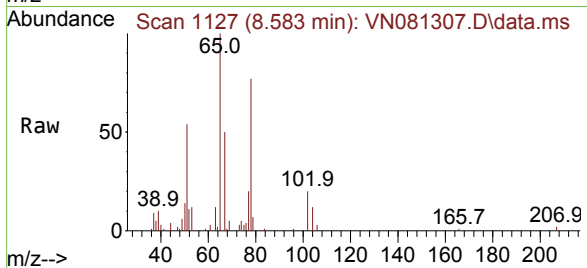
VSTDIC010

Tgt Ion: 65 Resp: 46772

Ion Ratio Lower Upper

65 100

67 49.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

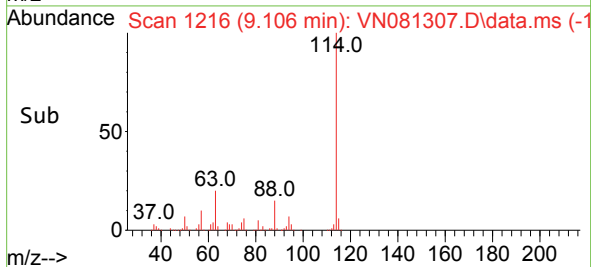
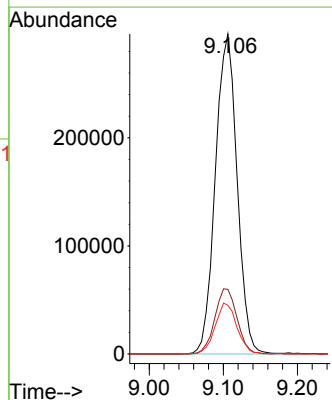
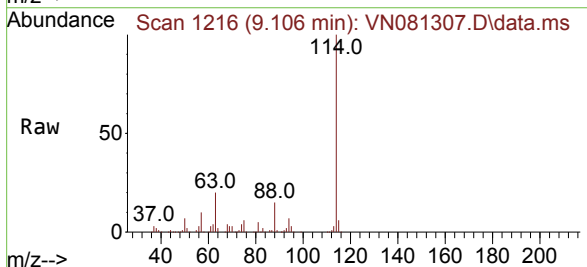
Tgt Ion: 114 Resp: 602889

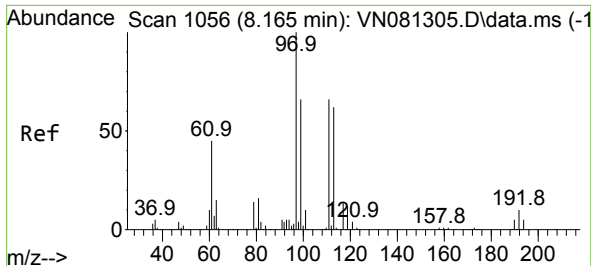
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 15.2 0.0 34.8

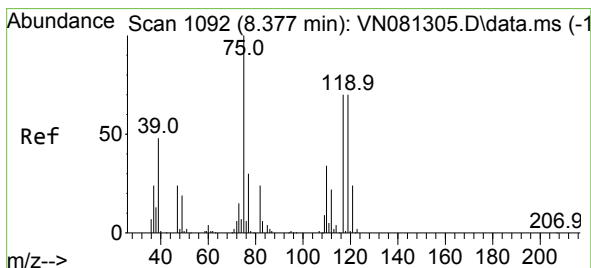
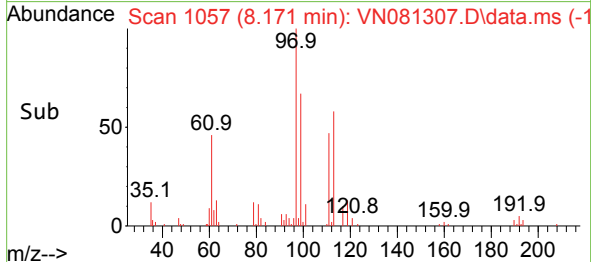
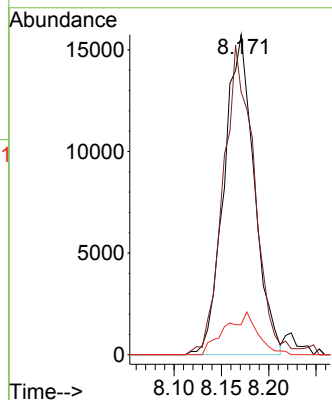
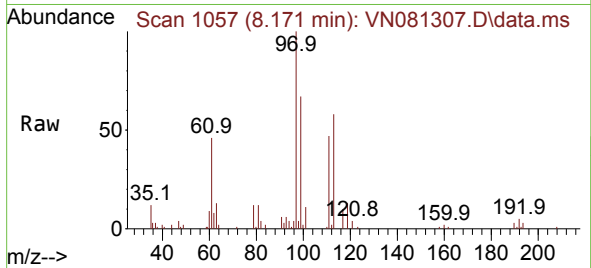




#35
Dibromofluoromethane
Concen: 9.435 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

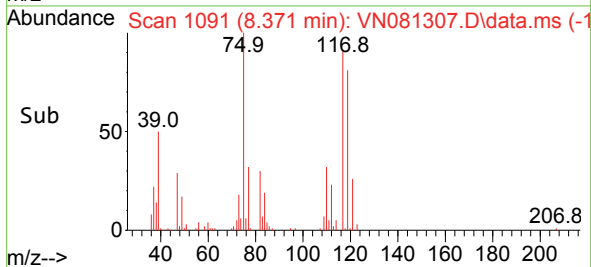
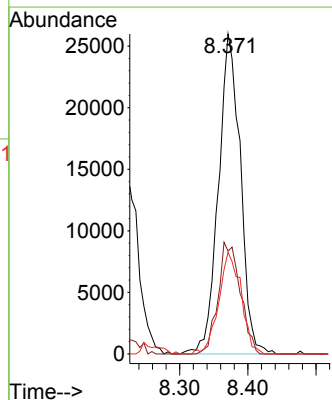
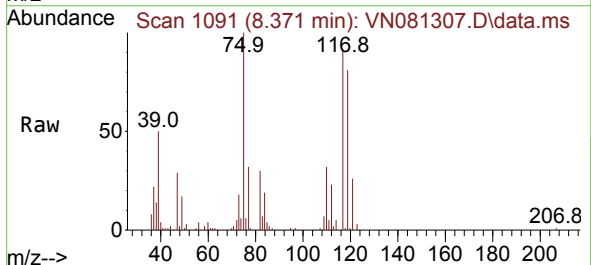
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

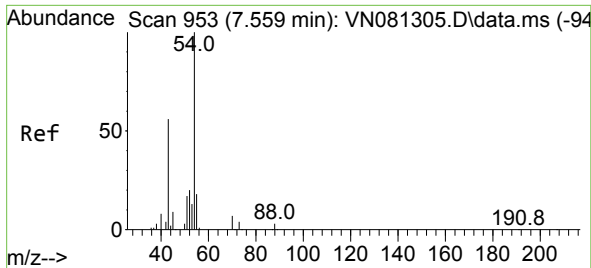
Tgt Ion:113 Resp: 34849
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 14.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 9.773 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 75 Resp: 58236
Ion Ratio Lower Upper
75 100
110 35.4 16.0 48.0
77 32.5 25.8 38.6

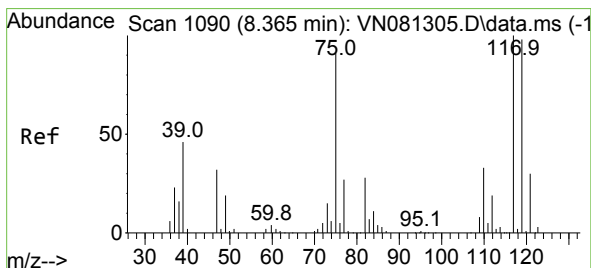
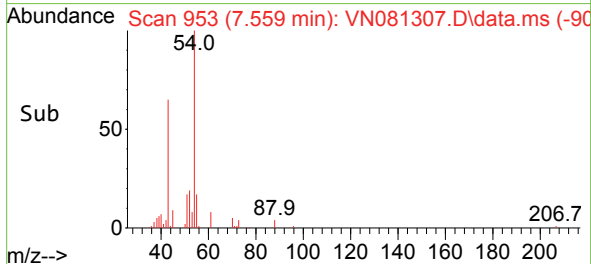
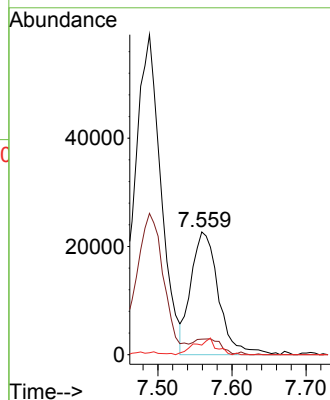
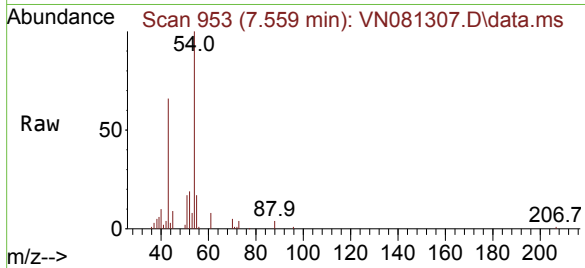




#37
Ethyl Acetate
Concen: 10.077 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

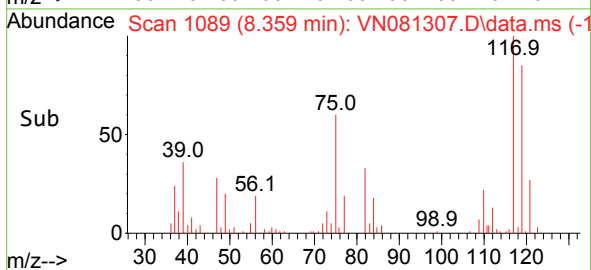
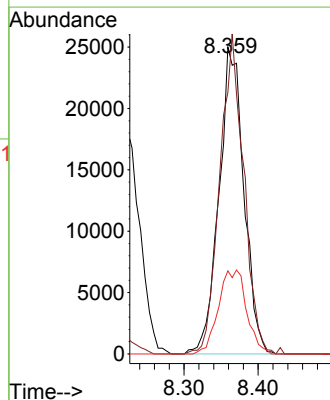
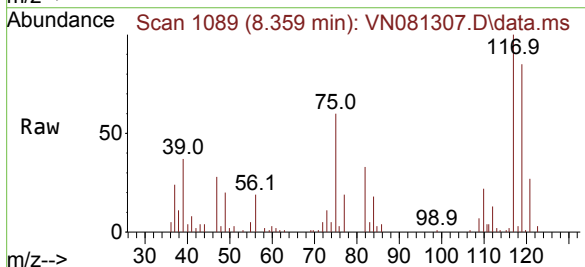
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

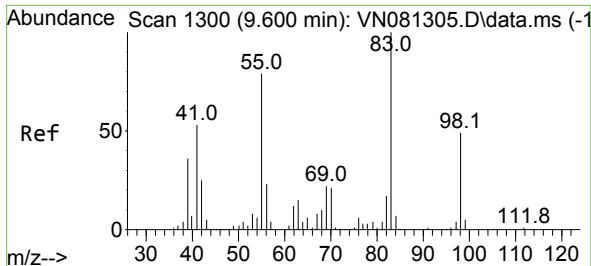
Tgt Ion: 43 Resp: 58703
Ion Ratio Lower Upper
43 100
61 11.6 10.6 15.8
70 10.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 9.761 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 117 Resp: 58542
Ion Ratio Lower Upper
117 100
119 85.2 73.4 110.2
121 27.0 24.4 36.6





#39

Methylcyclohexane

Concen: 9.671 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

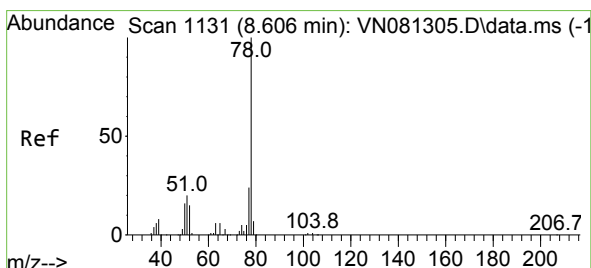
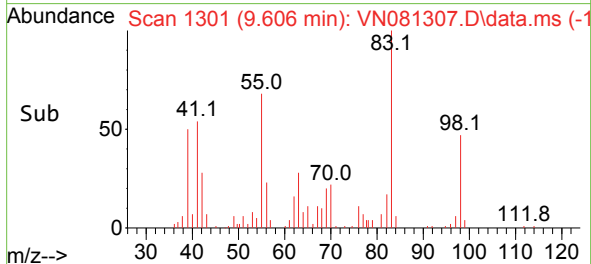
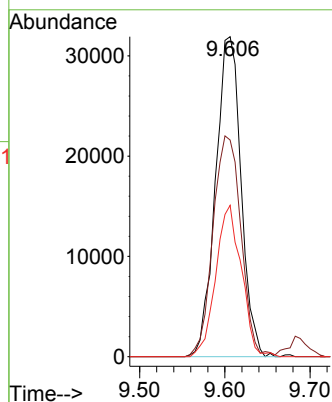
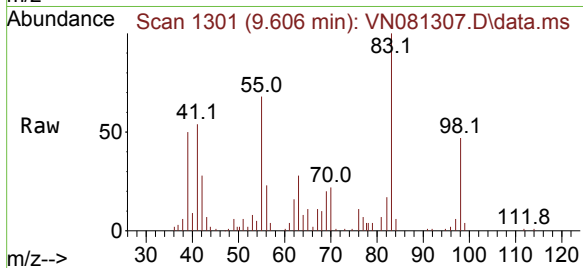
Tgt Ion: 83 Resp: 66325

Ion Ratio Lower Upper

83 100

55 67.7 65.7 98.5

98 47.3 33.8 50.6



#40

Benzene

Concen: 9.929 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081307.D

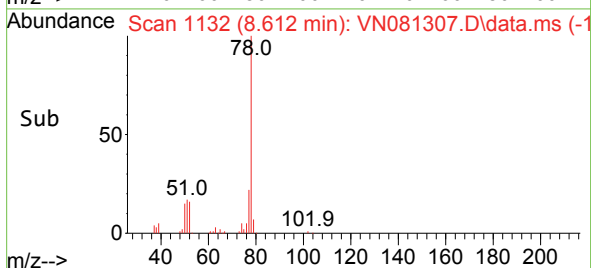
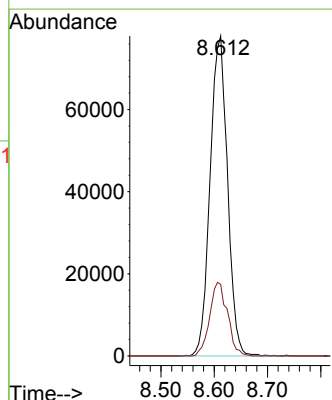
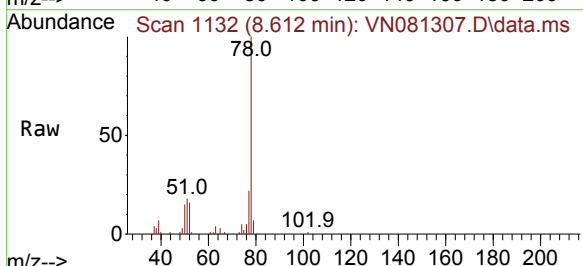
Acq: 05 Mar 2024 13:12

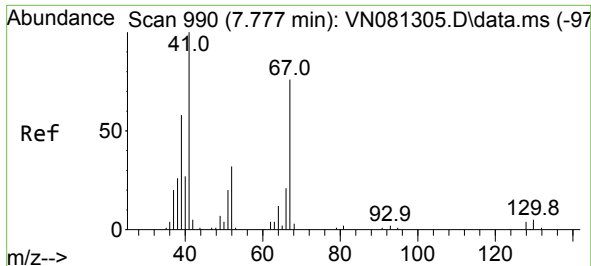
Tgt Ion: 78 Resp: 176601

Ion Ratio Lower Upper

78 100

77 22.4 20.4 30.6



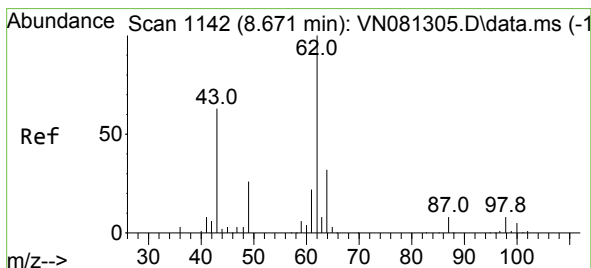
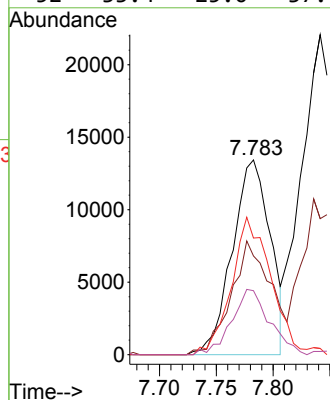
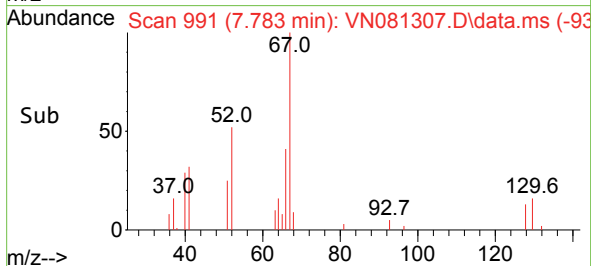
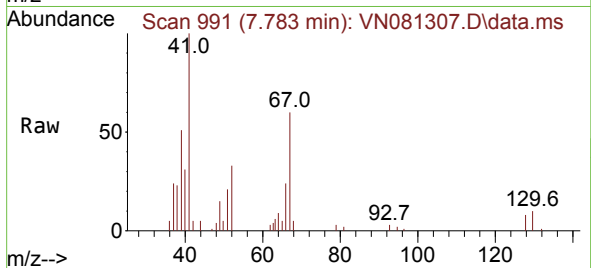


#41
Methacrylonitrile
Concen: 9.502 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 31259

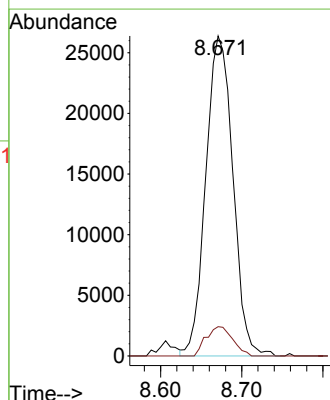
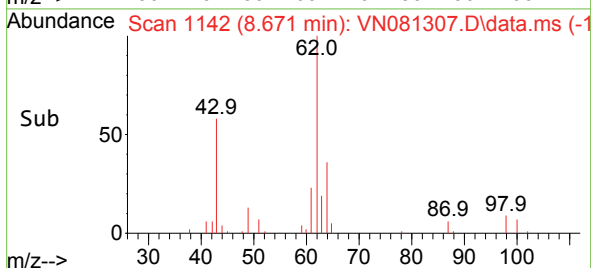
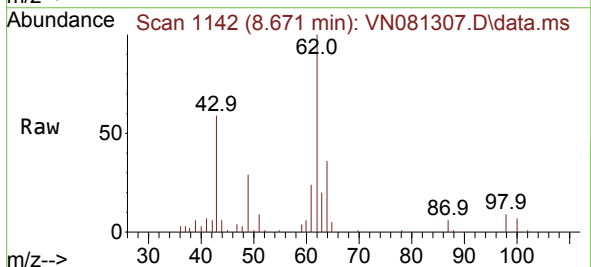
Ion	Ratio	Lower	Upper
41	100		
39	61.4	48.4	72.6
67	74.1	56.8	85.2
52	33.4	25.0	37.4

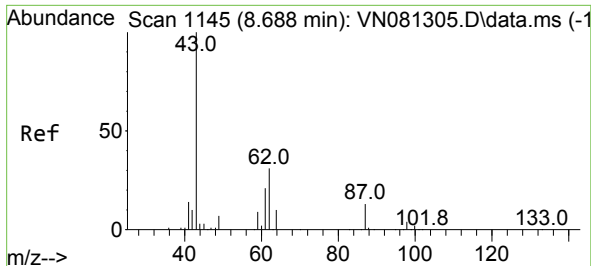


#42
1,2-Dichloroethane
Concen: 9.763 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 62 Resp: 61231

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

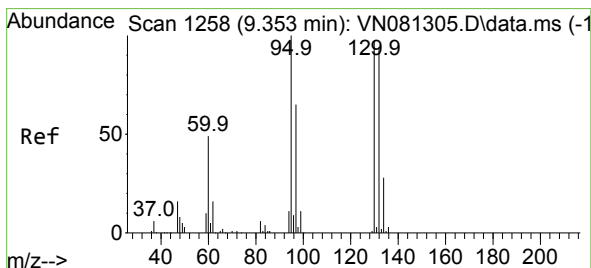
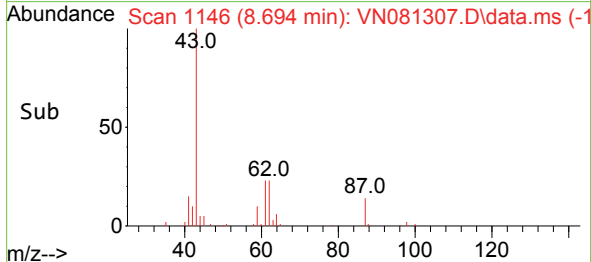
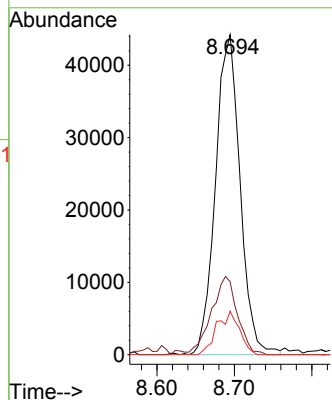
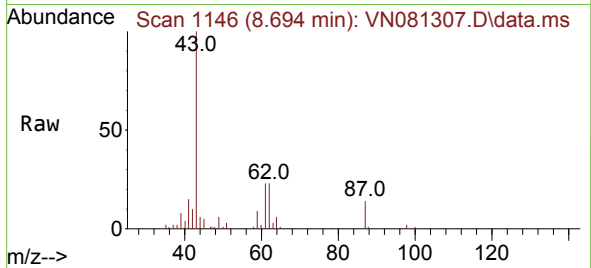




#43
Isopropyl Acetate
Concen: 9.574 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

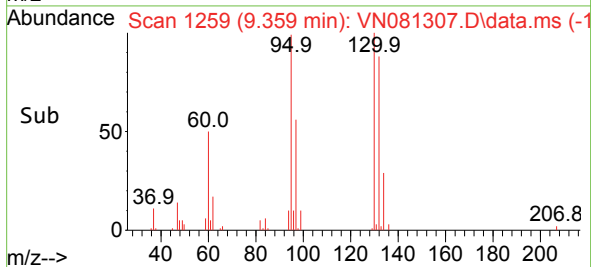
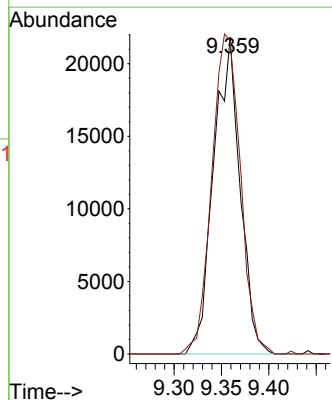
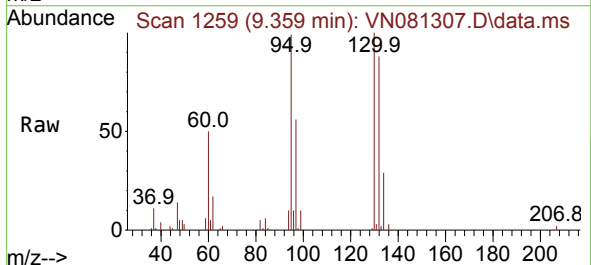
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

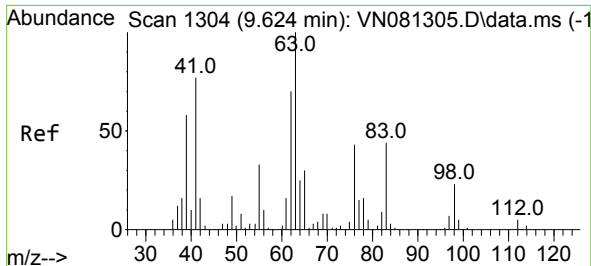
Tgt Ion: 43 Resp: 97615
Ion Ratio Lower Upper
43 100
61 25.7 19.9 29.9
87 12.6 9.0 13.6



#44
Trichloroethene
Concen: 9.475 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:130 Resp: 42507
Ion Ratio Lower Upper
130 100
95 98.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 9.830 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

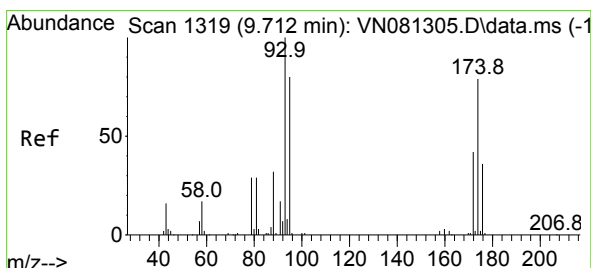
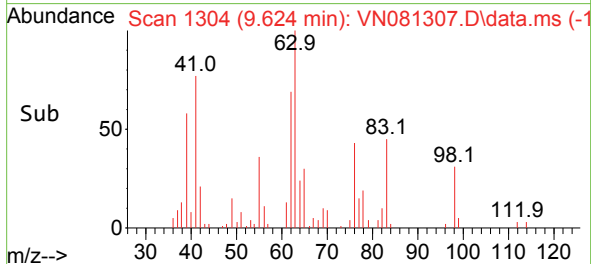
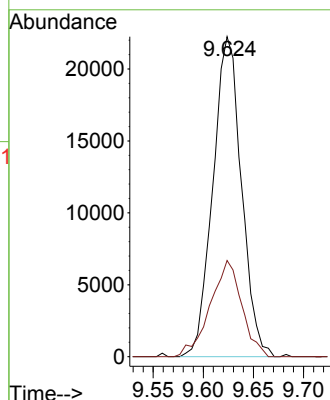
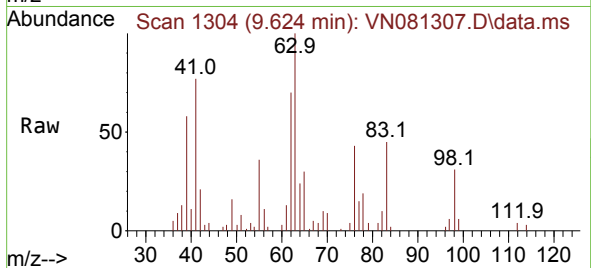
VSTDIC010

Tgt Ion: 63 Resp: 43924

Ion Ratio Lower Upper

63 100

65 30.1 26.1 39.1



#46

Dibromomethane

Concen: 10.000 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

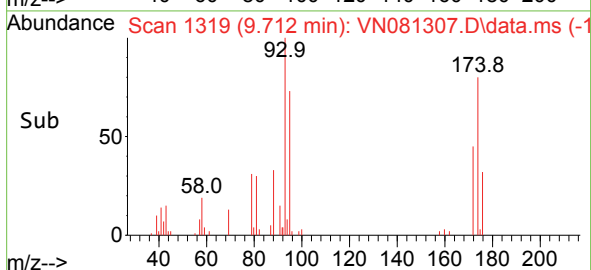
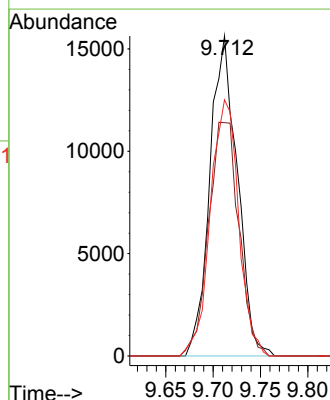
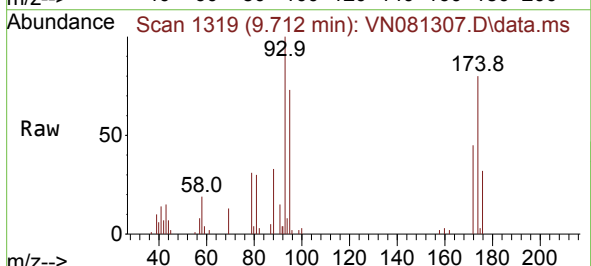
Tgt Ion: 93 Resp: 31494

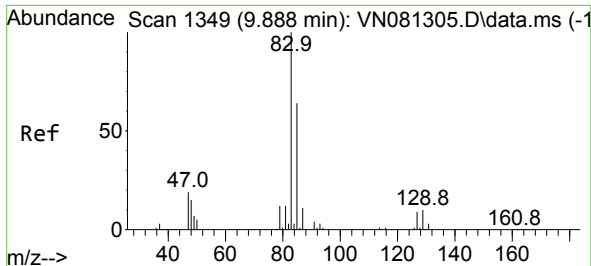
Ion Ratio Lower Upper

93 100

95 80.6 68.1 102.1

174 82.4 57.2 85.8

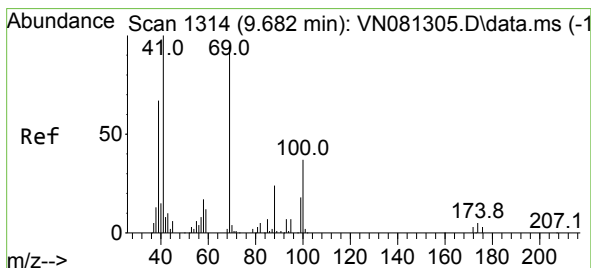
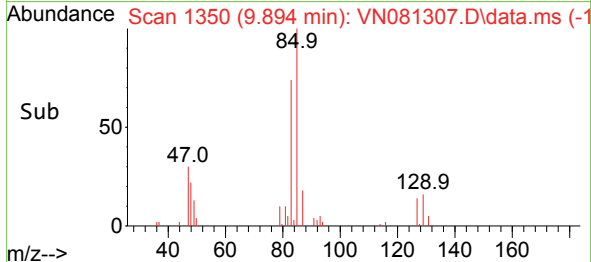
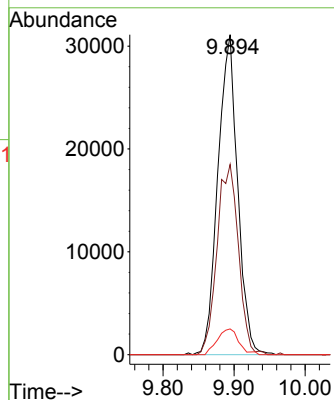
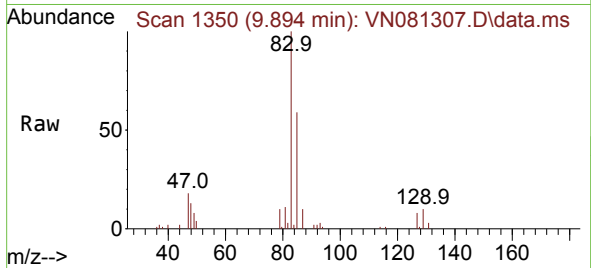




#47
Bromodichloromethane
Concen: 9.800 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

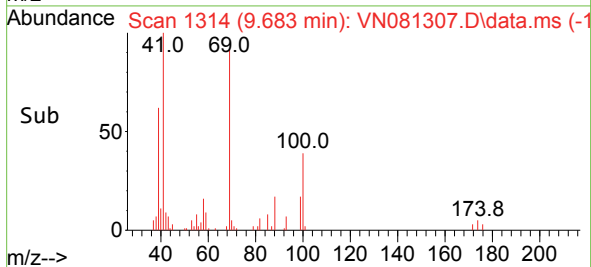
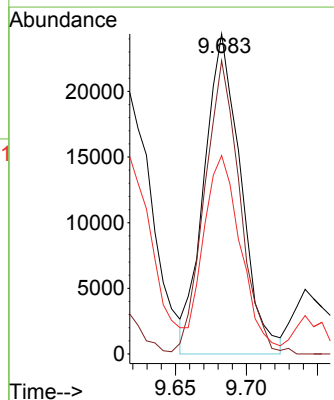
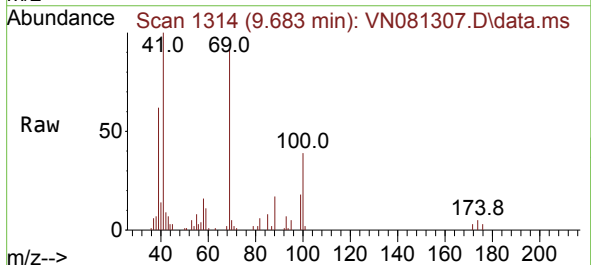
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

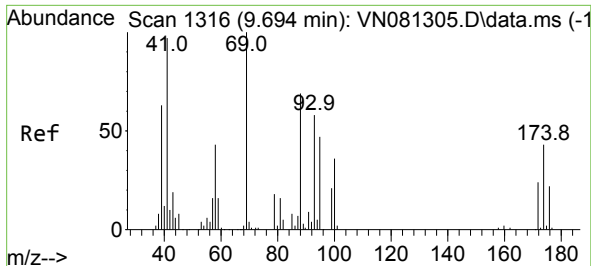
Tgt Ion: 83 Resp: 59920
Ion Ratio Lower Upper
83 100
85 59.5 52.3 78.5
127 8.0 4.6 7.0#



#48
Methyl methacrylate
Concen: 9.718 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 41 Resp: 43798
Ion Ratio Lower Upper
41 100
69 88.4 62.2 93.2
39 64.2 47.6 71.4





#49

1,4-Dioxane

Concen: 205.922 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

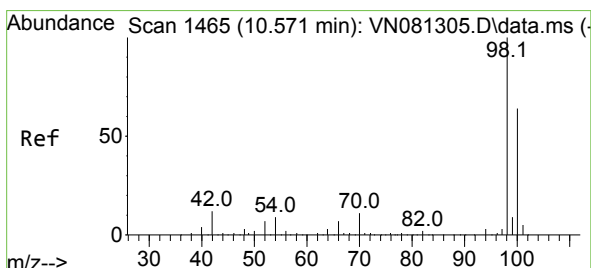
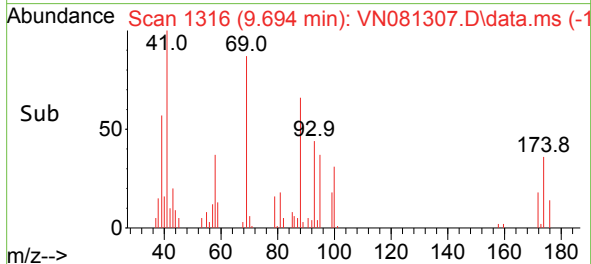
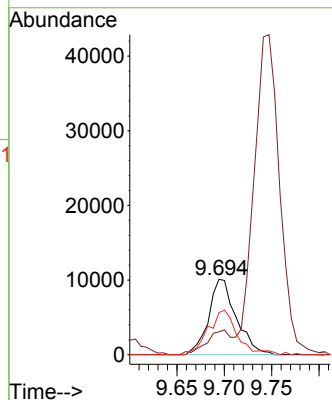
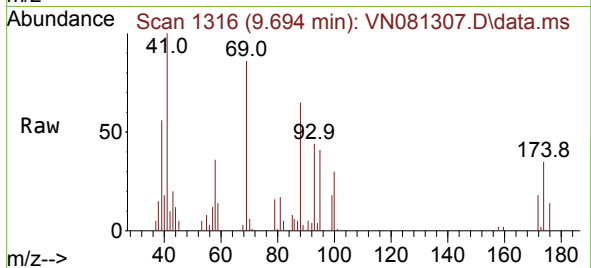
Tgt Ion: 88 Resp: 20455

Ion Ratio Lower Upper

88 100

43 31.5 30.1 45.1

58 61.8 63.9 95.9#



#50

Toluene-d8

Concen: 9.160 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081307.D

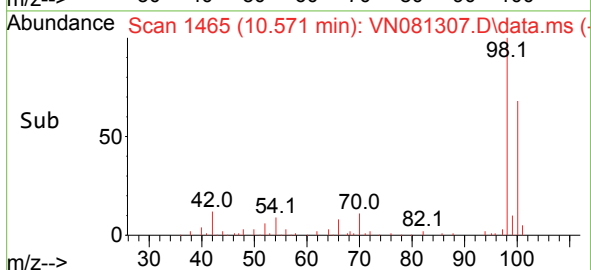
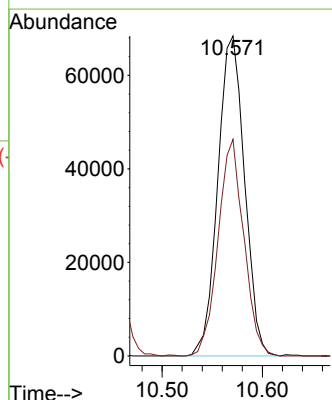
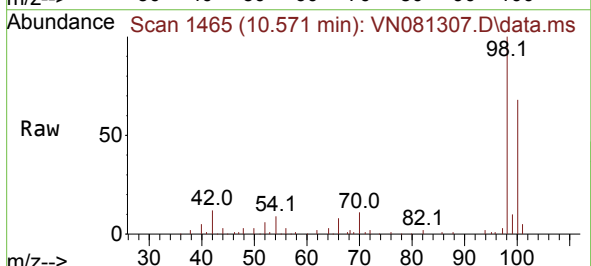
Acq: 05 Mar 2024 13:12

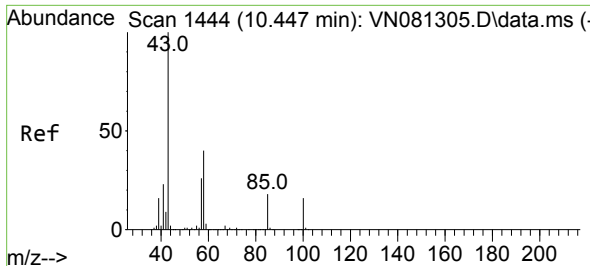
Tgt Ion: 98 Resp: 126484

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

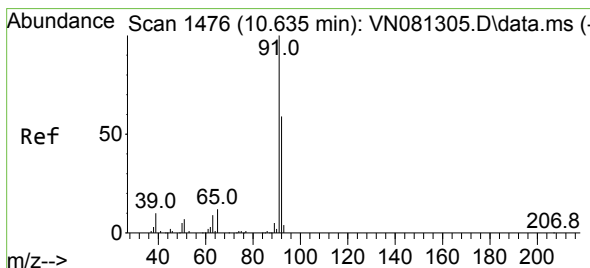
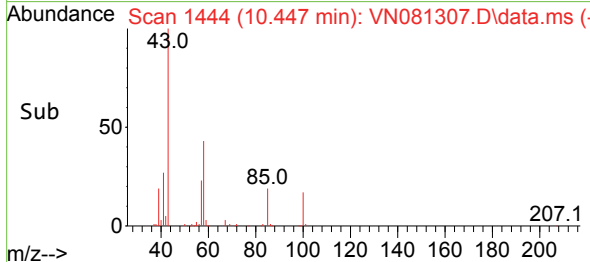
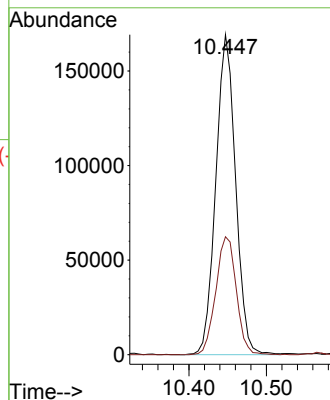
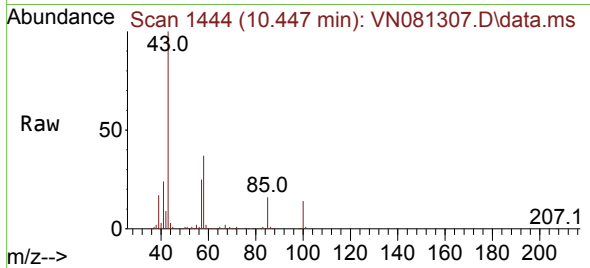




#51
4-Methyl-2-Pentanone
Concen: 50.651 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

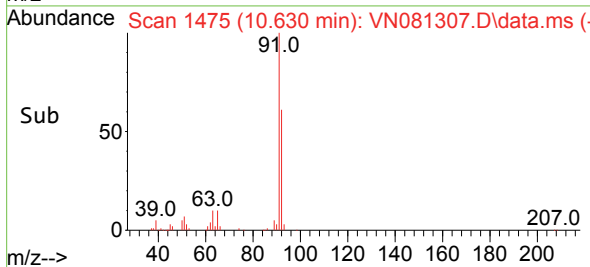
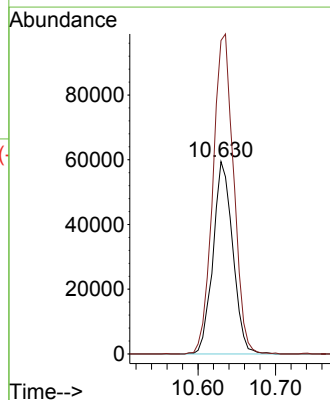
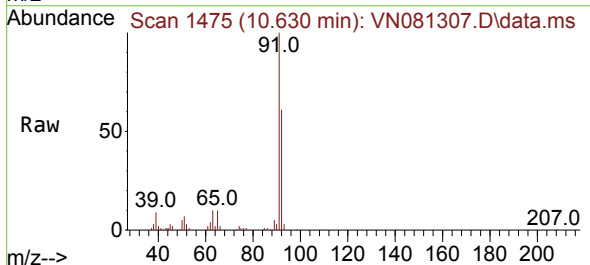
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

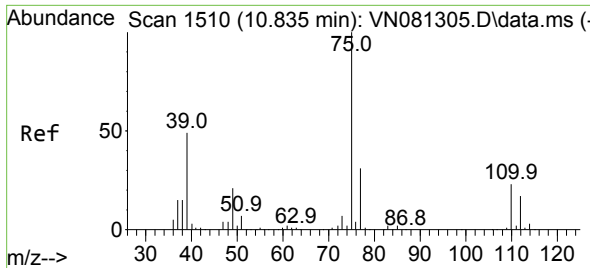
Tgt Ion: 43 Resp: 299862
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.0



#52
Toluene
Concen: 9.772 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 92 Resp: 105003
Ion Ratio Lower Upper
92 100
91 175.1 139.4 209.0

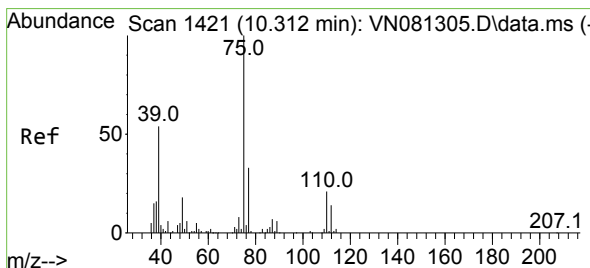
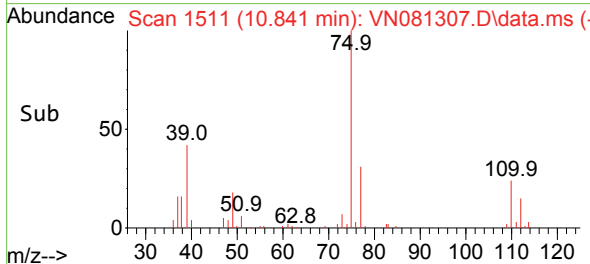
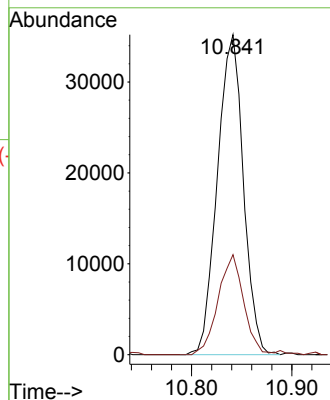
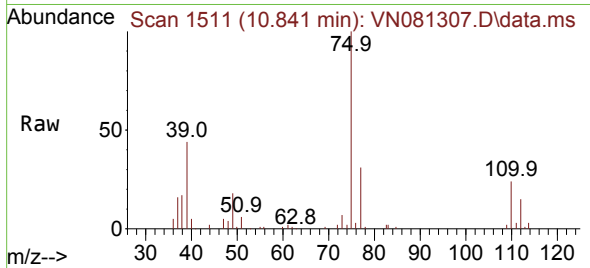




#53
 t-1,3-Dichloropropene
 Concen: 9.570 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

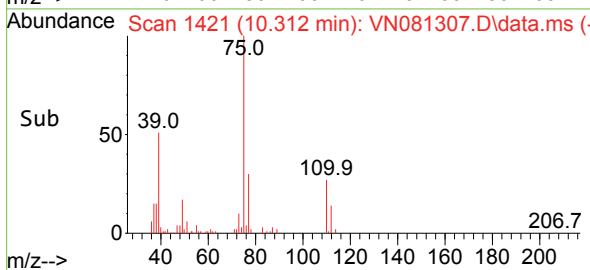
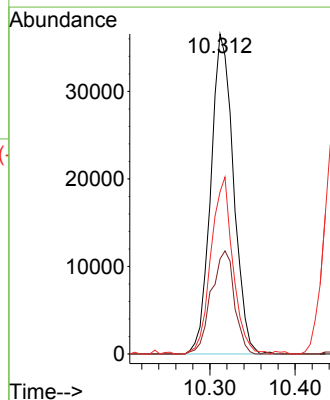
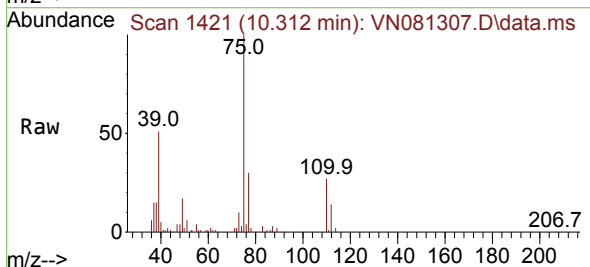
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

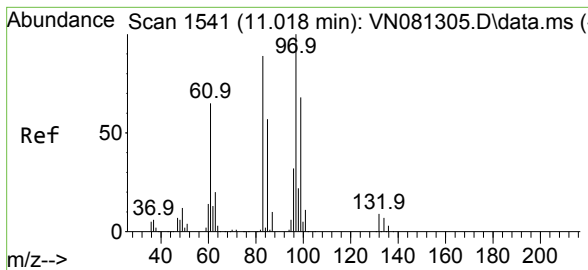
Tgt Ion: 75 Resp: 63310
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 9.457 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

Tgt Ion: 75 Resp: 67537
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.3 34.9
 39 50.6 44.6 66.8

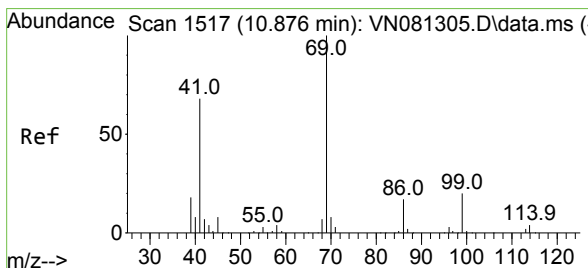
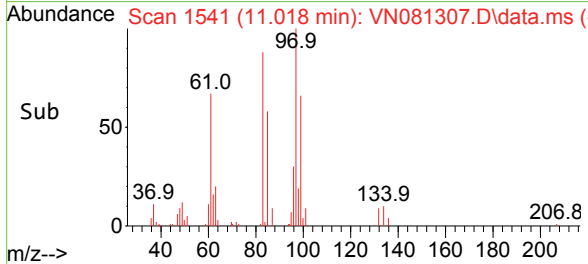
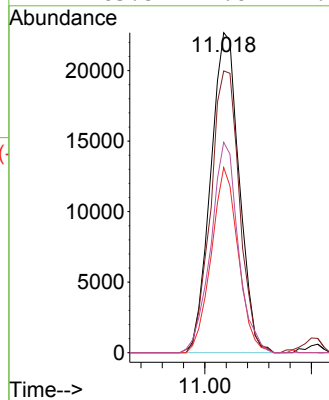
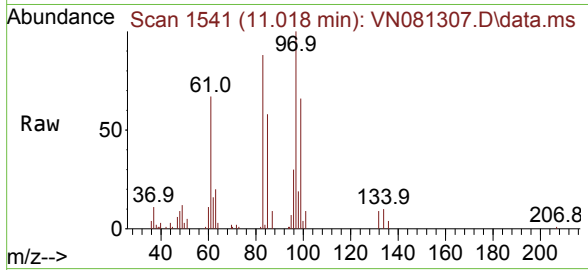




#55
 1,1,2-Trichloroethane
 Concen: 9.893 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

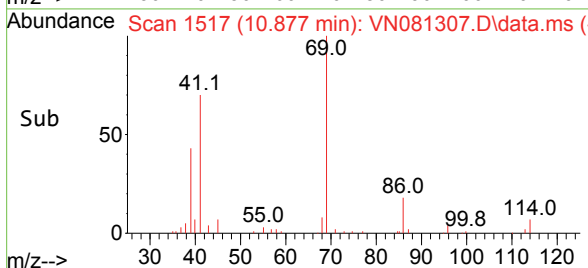
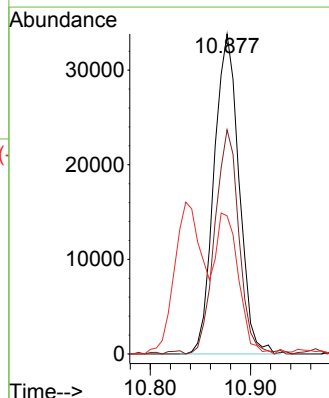
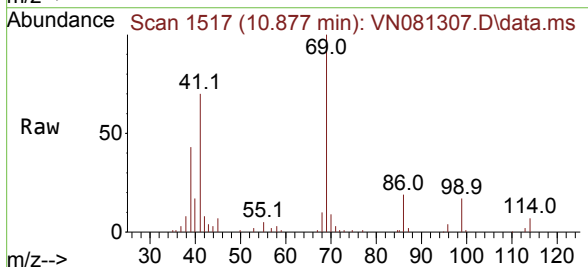
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

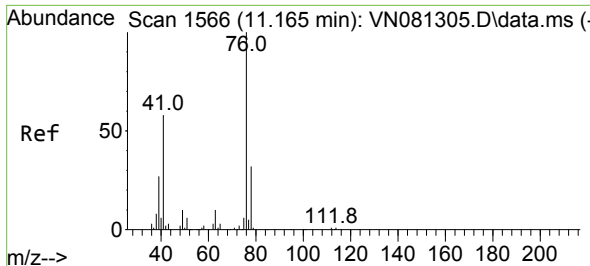
Tgt Ion:	97	Resp:	42154
Ion	Ratio	Lower	Upper
97	100		
83	88.0	72.9	109.3
85	57.9	50.2	75.2
99	65.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 9.572 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

Tgt Ion:	69	Resp:	58563
Ion	Ratio	Lower	Upper
69	100		
41	67.9	61.0	91.6
39	40.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 9.506 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

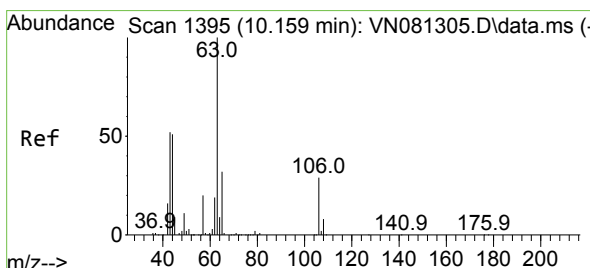
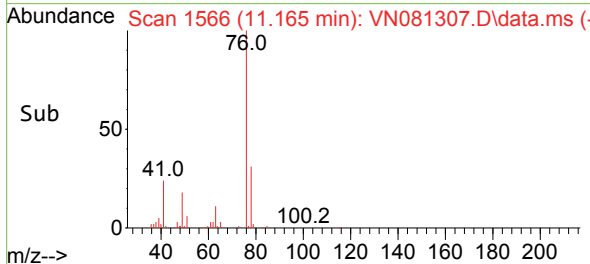
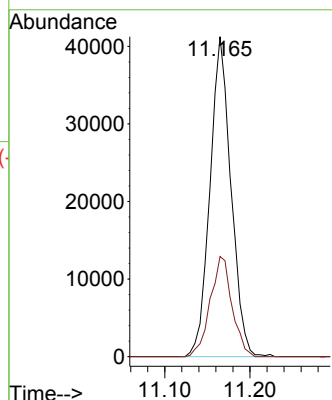
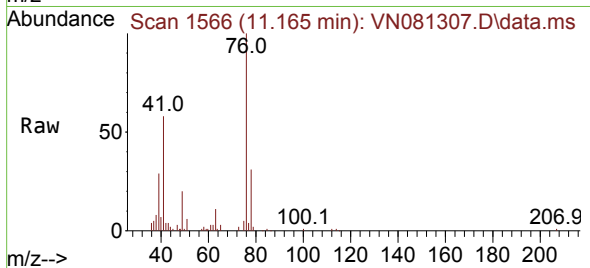
VSTDICC010

Tgt Ion: 76 Resp: 70690

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 49.658 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081307.D

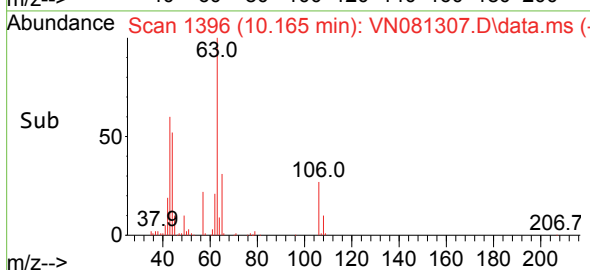
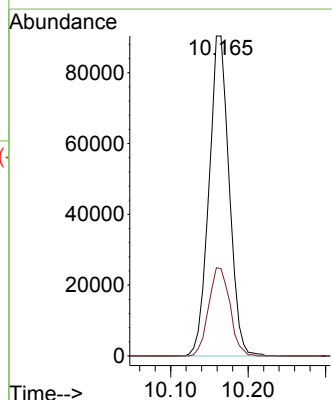
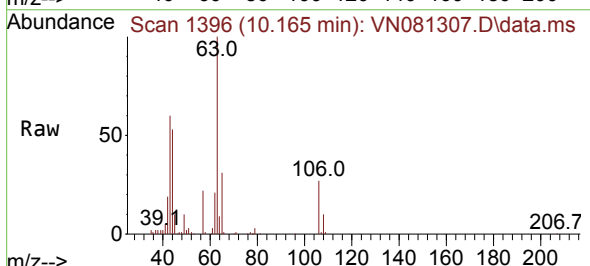
Acq: 05 Mar 2024 13:12

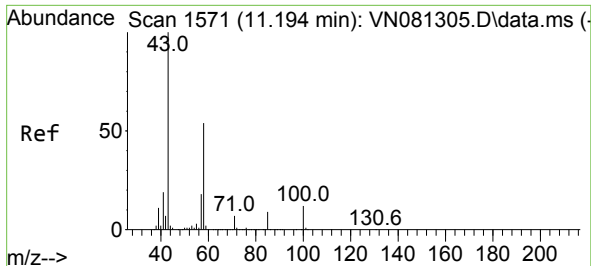
Tgt Ion: 63 Resp: 163432

Ion Ratio Lower Upper

63 100

106 29.1 18.6 28.0#

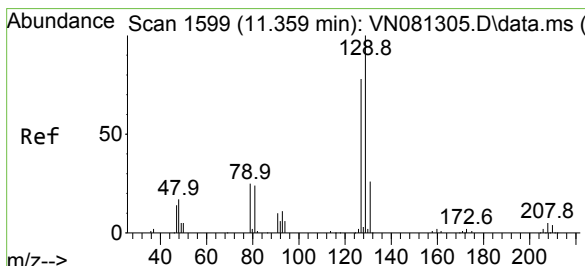
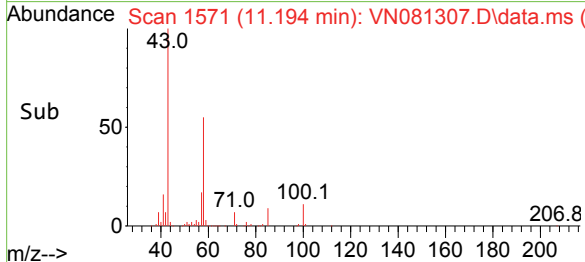
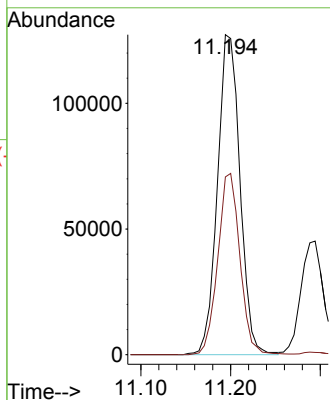
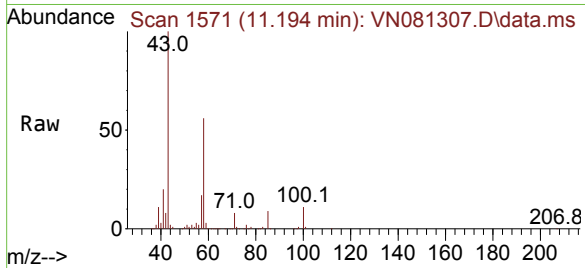




#59
2-Hexanone
Concen: 50.109 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

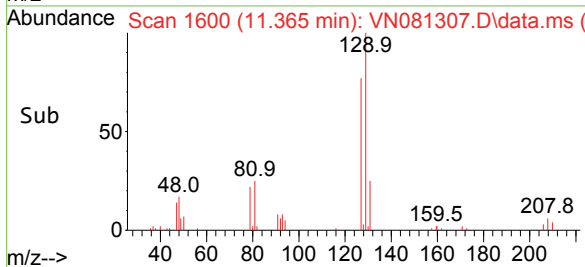
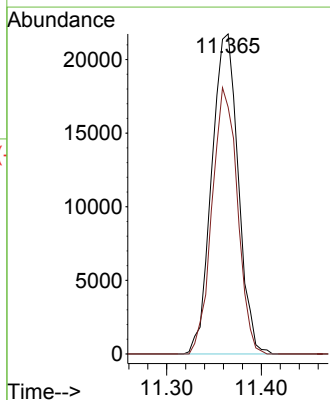
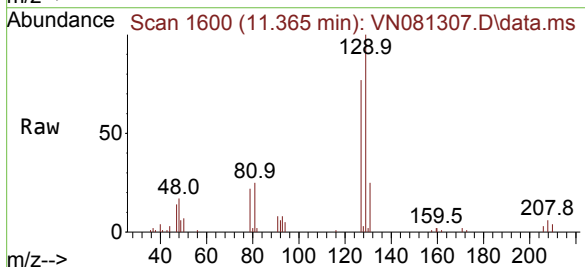
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

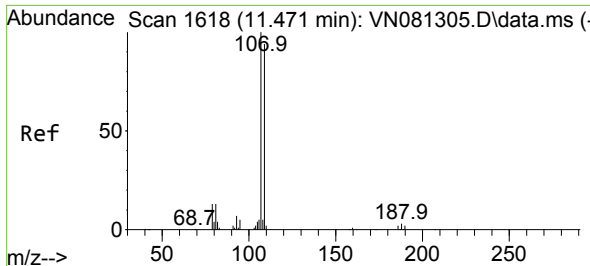
Tgt Ion: 43 Resp: 221774
Ion Ratio Lower Upper
43 100
58 55.8 25.9 77.8



#60
Dibromochloromethane
Concen: 9.647 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 129 Resp: 42335
Ion Ratio Lower Upper
129 100
127 79.5 39.4 118.2

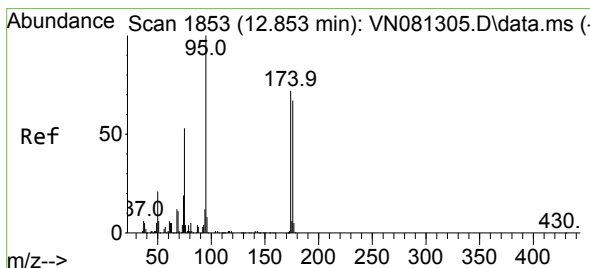
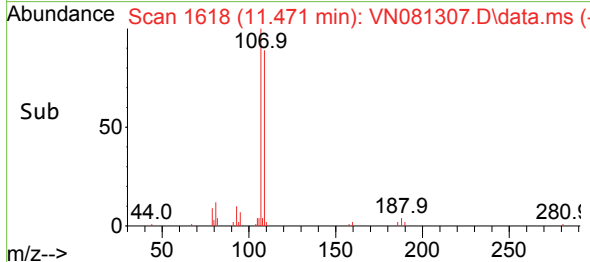
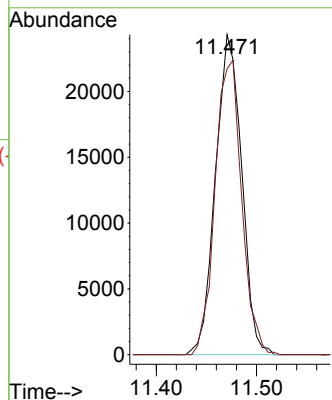
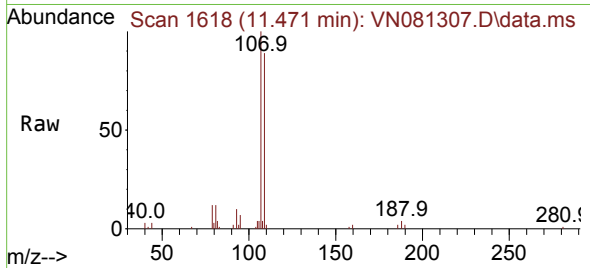




#61
1,2-Dibromoethane
Concen: 9.969 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

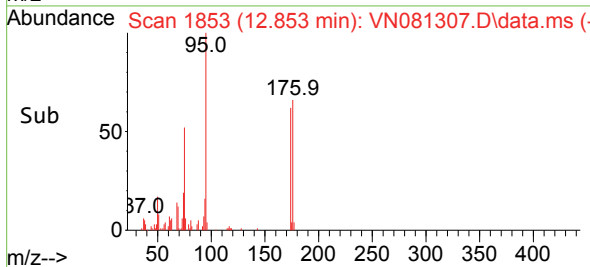
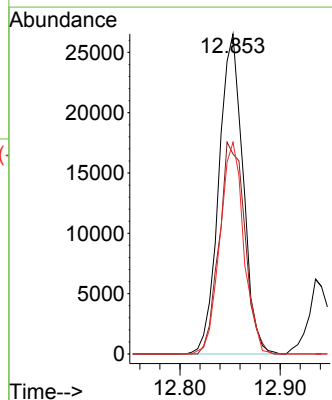
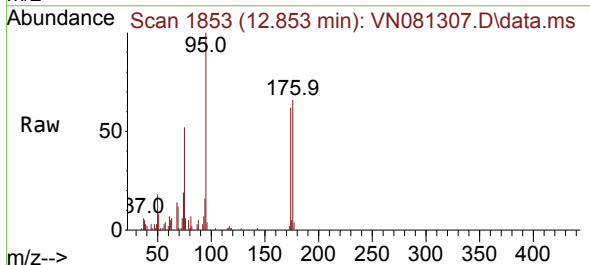
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

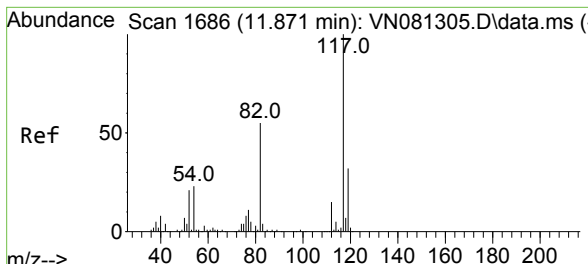
Tgt Ion:107 Resp: 44075
Ion Ratio Lower Upper
107 100
109 93.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 9.084 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 95 Resp: 44333
Ion Ratio Lower Upper
95 100
174 70.2 0.0 120.4
176 65.2 0.0 121.0

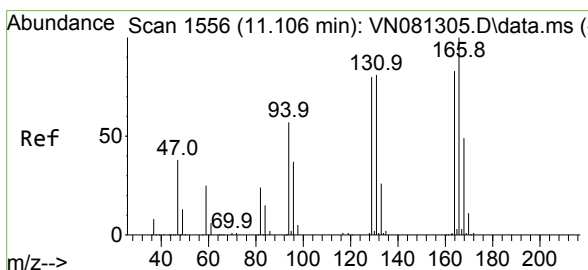
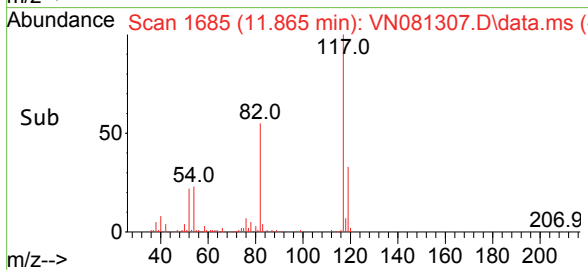
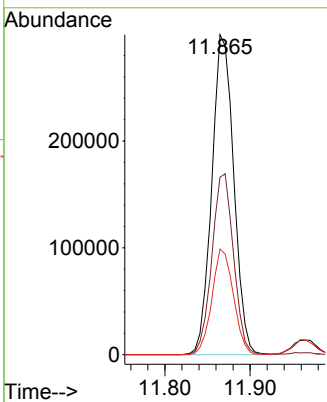
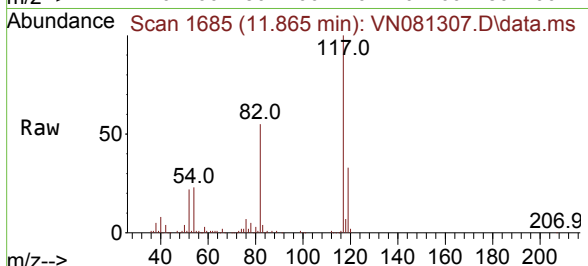




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

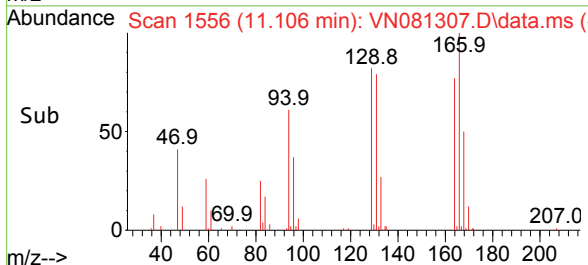
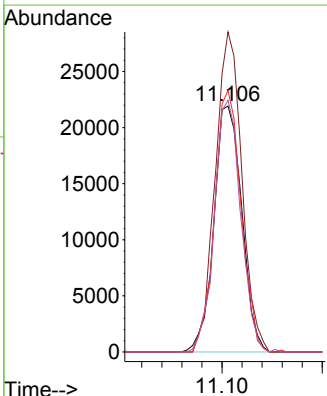
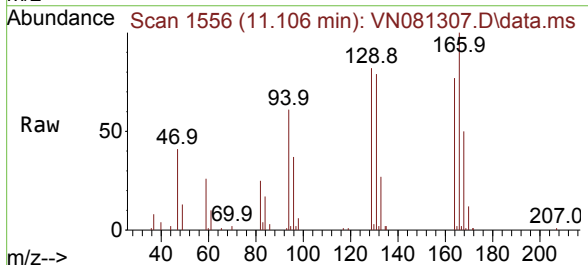
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

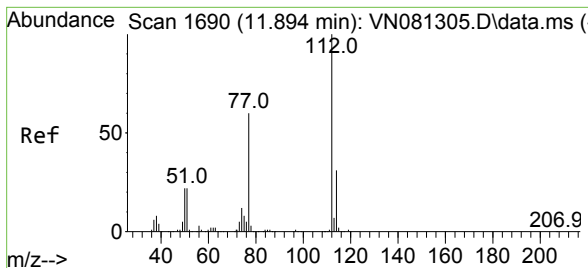
Tgt Ion:117	Resp: 537074		
Ion Ratio	Lower	Upper	
117 100			
82 55.4	52.7	79.1	
119 33.0	25.3	37.9	



#64
Tetrachloroethene
Concen: 10.039 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt	Ion:164	Resp:	42217
	Ratio	Lower	Upper
164	100		
166	130.1	105.8	158.6
129	106.4	89.6	134.4
131	102.3	84.9	127.3

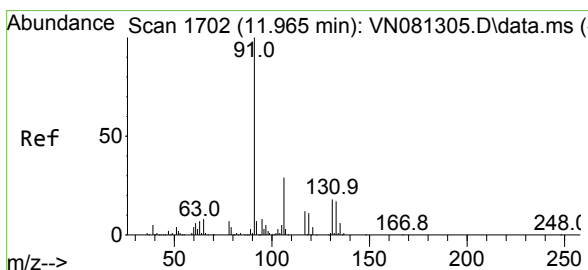
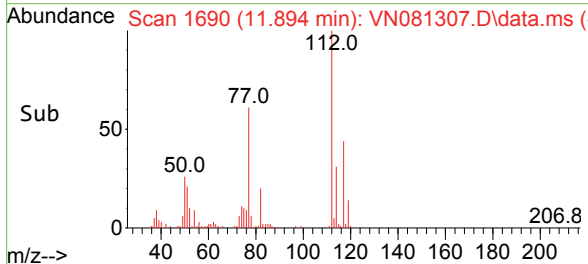
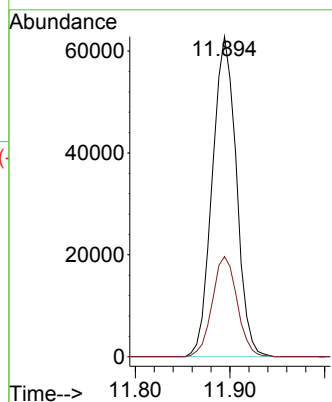
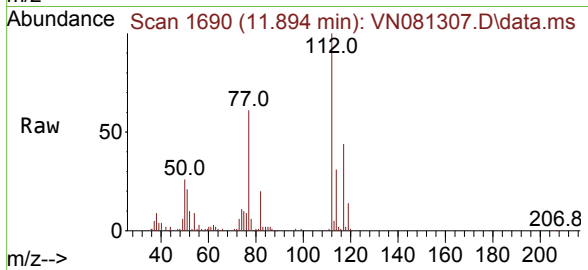




#65
Chlorobenzene
Concen: 9.799 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

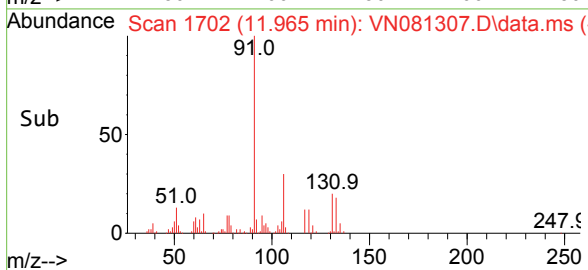
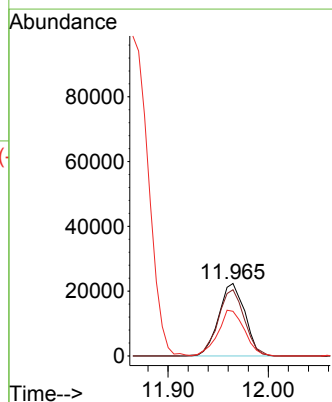
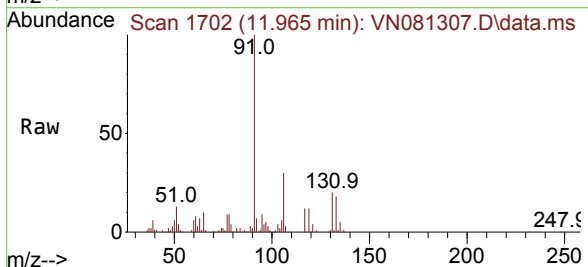
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

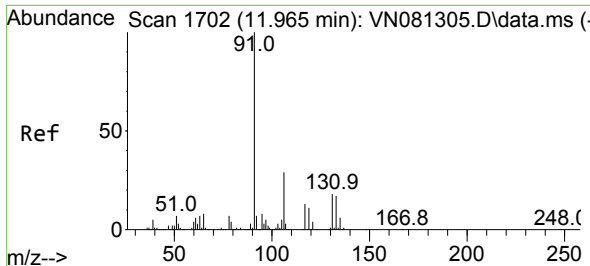
Tgt Ion:112 Resp: 110903
Ion Ratio Lower Upper
112 100
114 31.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.808 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:131 Resp: 40618
Ion Ratio Lower Upper
131 100
133 92.0 46.8 140.3
119 64.0 34.6 103.9

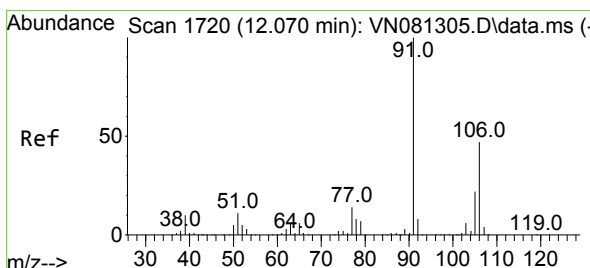
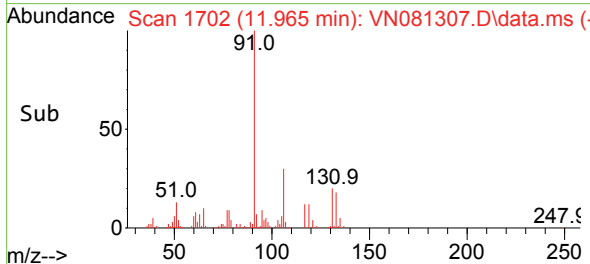
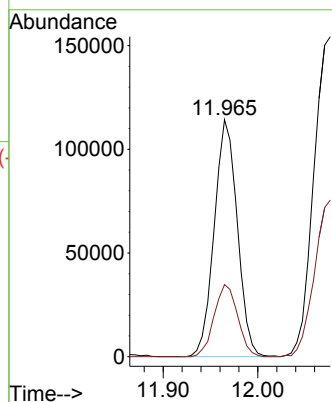
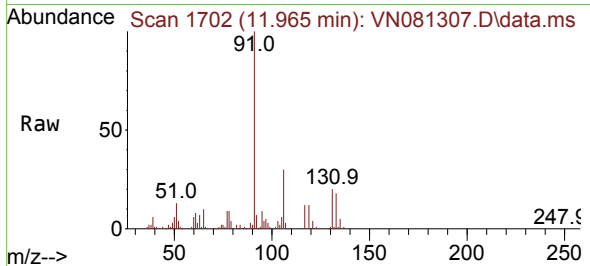




#67
Ethyl Benzene
Concen: 9.496 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

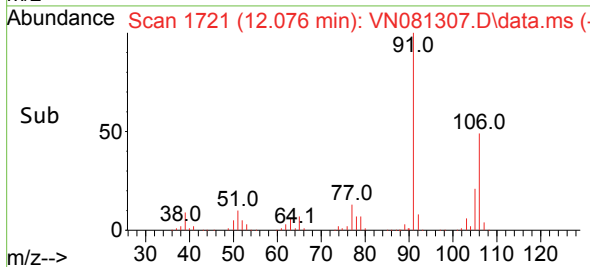
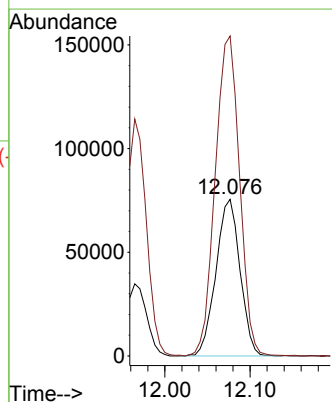
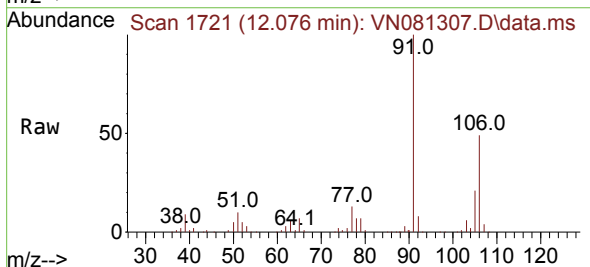
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

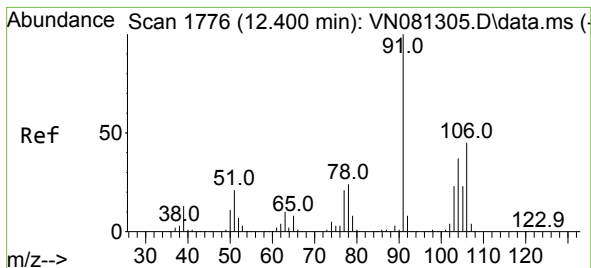
Tgt Ion: 91 Resp: 193595
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 19.341 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 106 Resp: 148393
Ion Ratio Lower Upper
106 100
91 206.4 169.0 253.6





#69

o-Xylene

Concen: 9.773 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

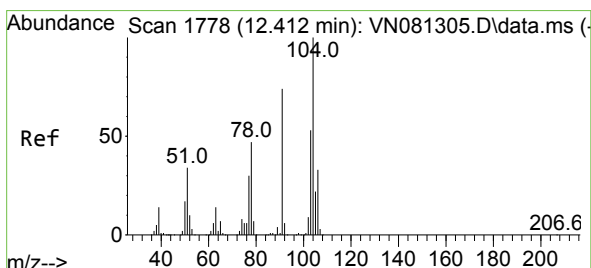
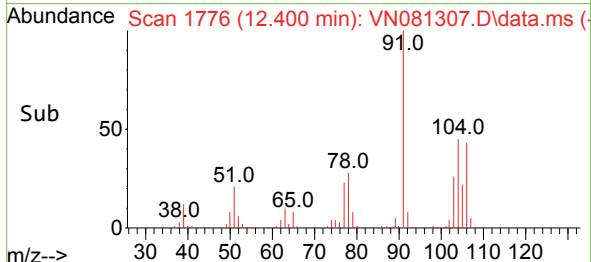
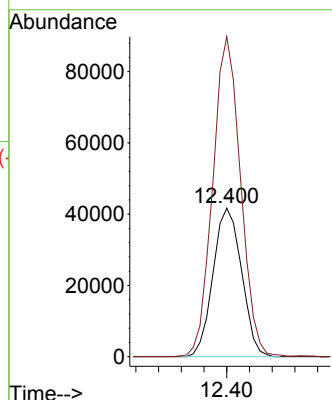
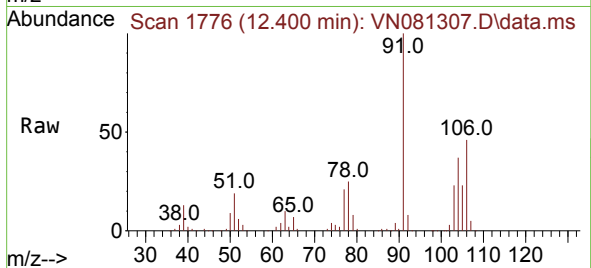
VSTDIC010

Tgt Ion:106 Resp: 72666

Ion Ratio Lower Upper

106 100

91 210.4 112.1 336.3



#70

Styrene

Concen: 9.707 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

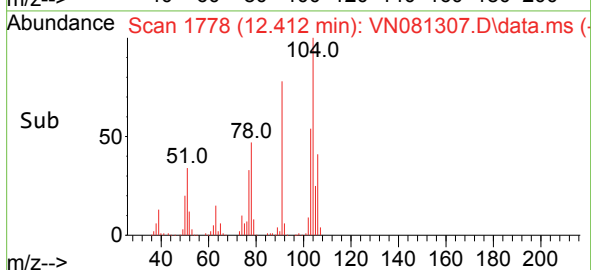
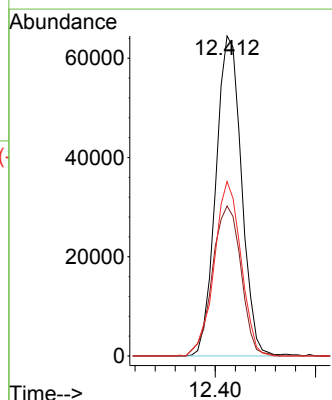
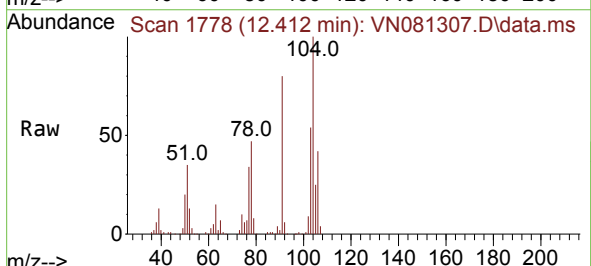
Tgt Ion:104 Resp: 114378

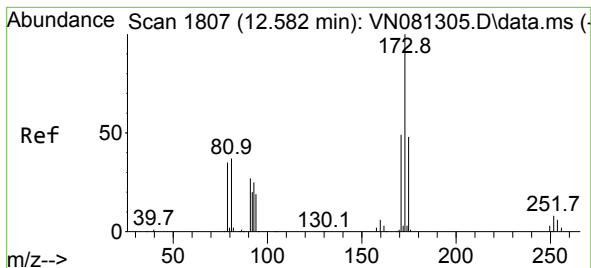
Ion Ratio Lower Upper

104 100

78 52.1 43.8 65.8

103 56.9 44.2 66.2





#71

Bromoform

Concen: 9.137 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

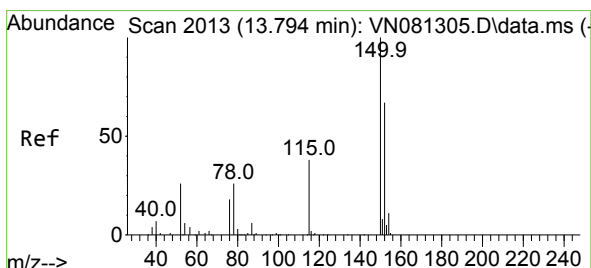
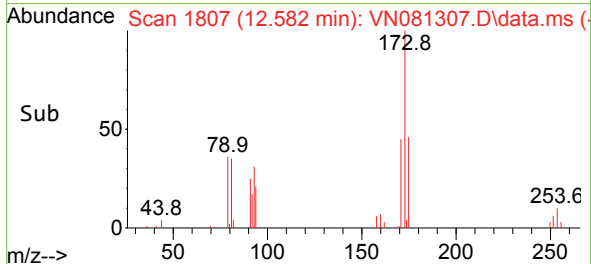
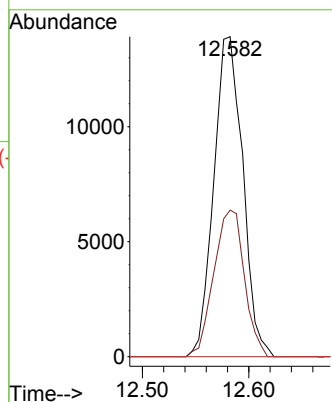
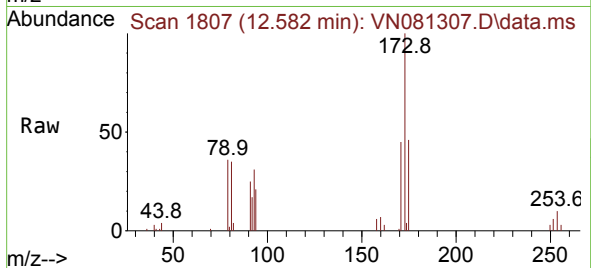
Tgt Ion:173 Resp: 26271

Ion Ratio Lower Upper

173 100

175 48.3 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: VN081307.D

Acq: 05 Mar 2024 13:12

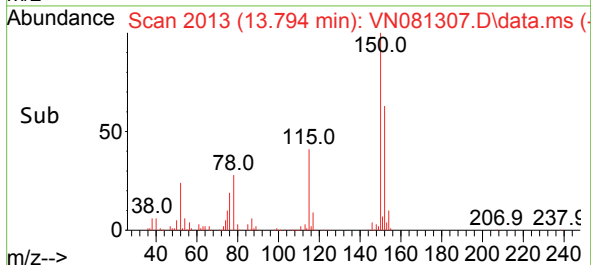
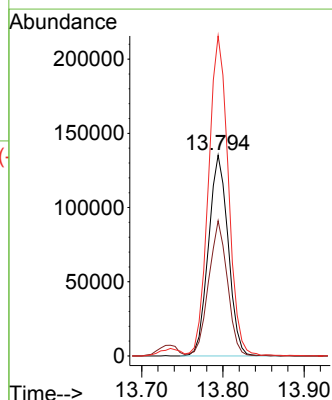
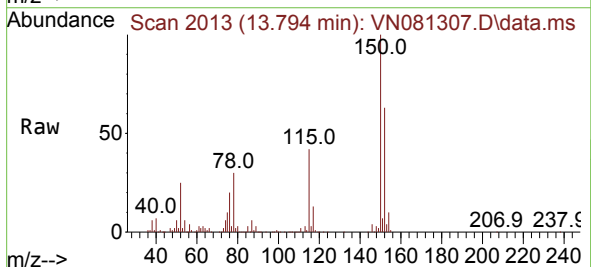
Tgt Ion:152 Resp: 227932

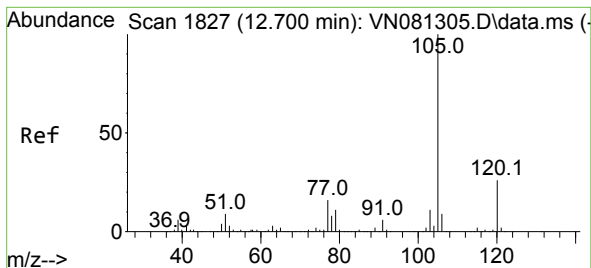
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 160.4 0.0 339.8





#73

Isopropylbenzene

Concen: 10.157 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

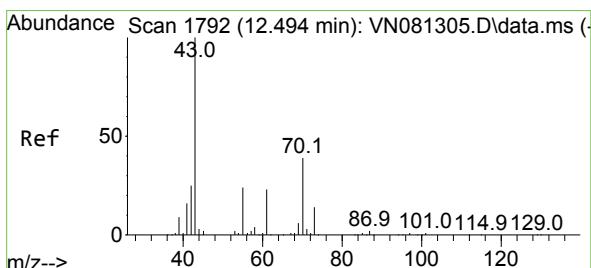
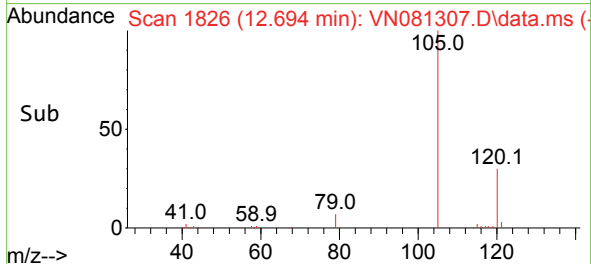
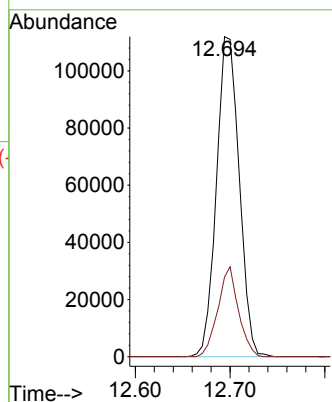
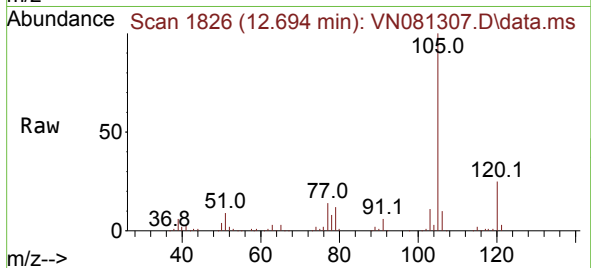
VSTDIC010

Tgt Ion:105 Resp: 186937

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.6



#74

N-ethyl acetate

Concen: 10.108 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Tgt Ion: 43 Resp: 78058

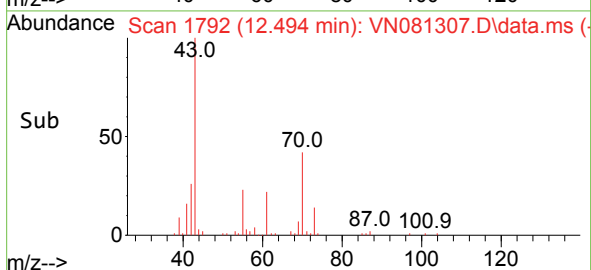
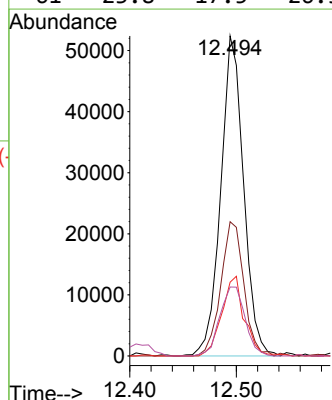
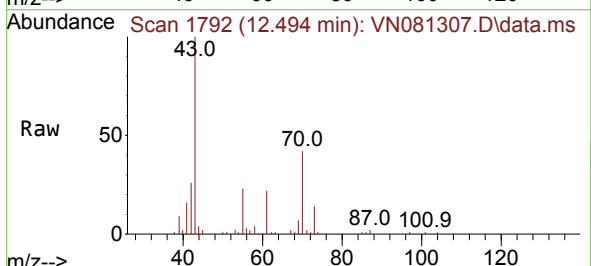
Ion Ratio Lower Upper

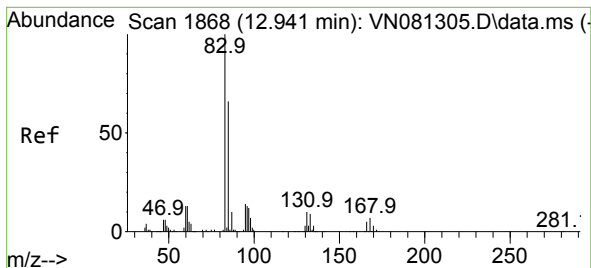
43 100

70 42.5 30.1 45.1

55 24.7 17.0 25.4

61 23.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.388 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

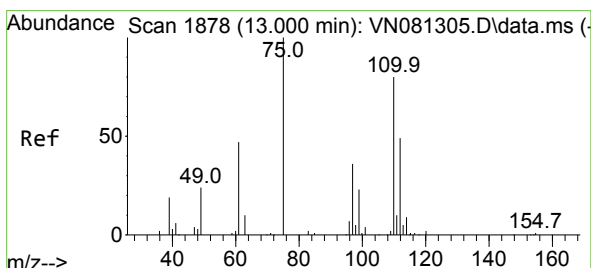
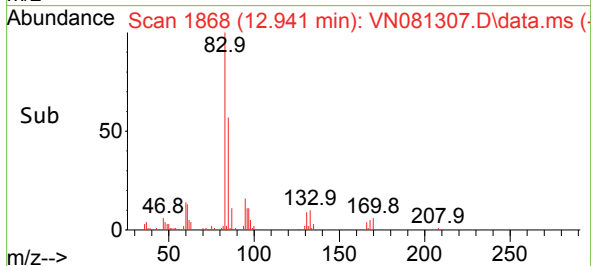
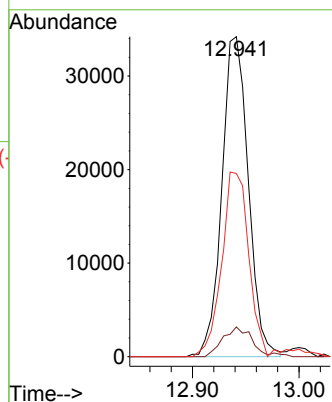
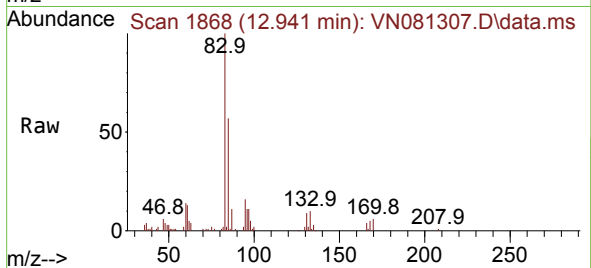
Tgt Ion: 83 Resp: 59006

Ion Ratio Lower Upper

83 100

131 10.4 4.1 12.3

85 59.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 13.785 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN081307.D

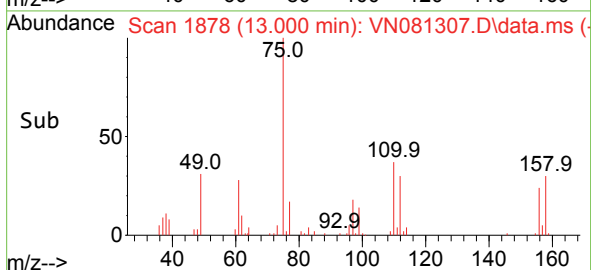
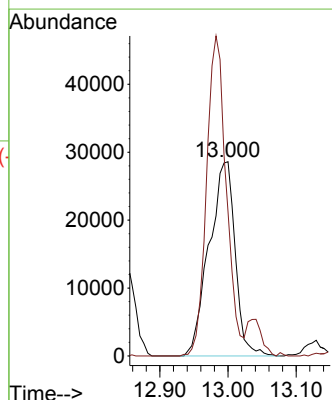
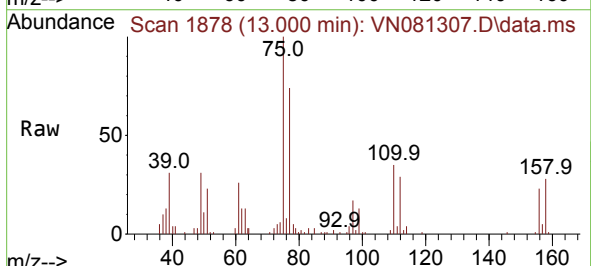
Acq: 05 Mar 2024 13:12

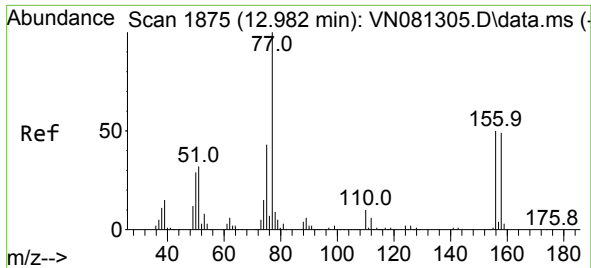
Tgt Ion: 75 Resp: 76092

Ion Ratio Lower Upper

75 100

77 125.0 91.0 272.8

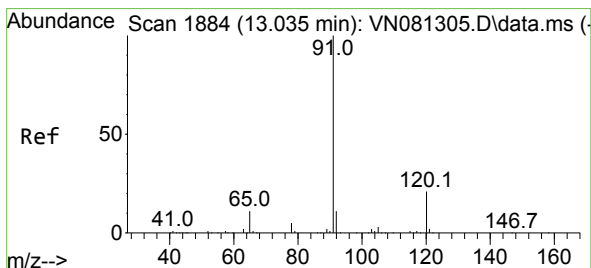
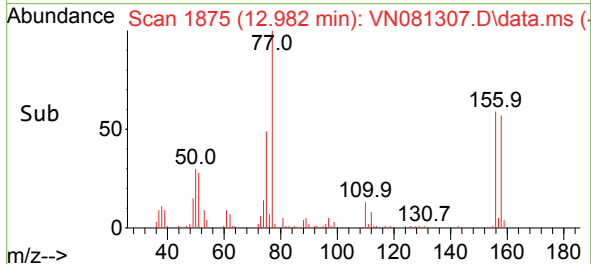
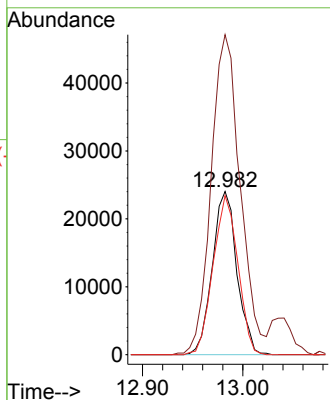
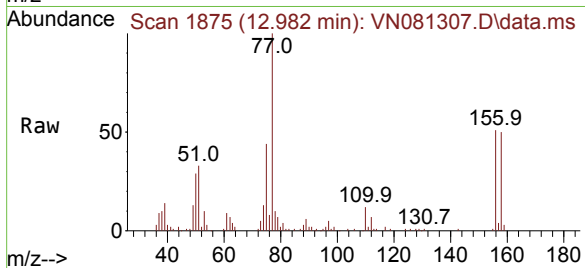




#77
Bromobenzene
Concen: 9.382 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

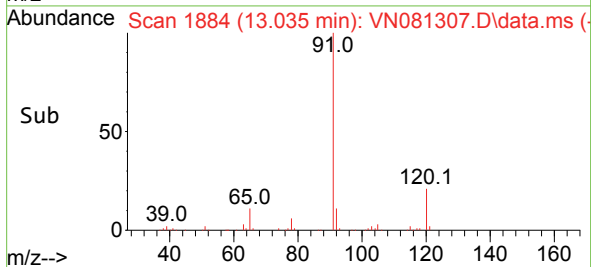
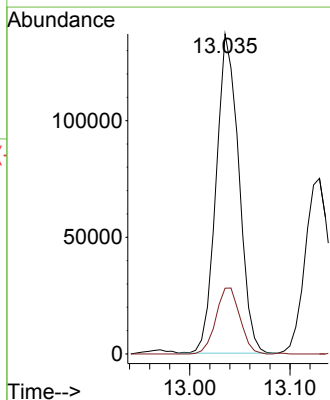
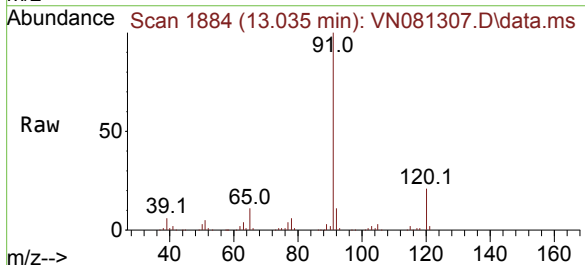
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

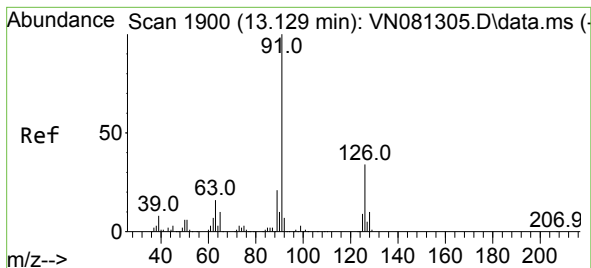
Tgt Ion:156 Resp: 40942
Ion Ratio Lower Upper
156 100
77 232.3 138.1 414.3
158 98.1 46.5 139.5



#78
n-propylbenzene
Concen: 9.875 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 91 Resp: 214969
Ion Ratio Lower Upper
91 100
120 21.8 10.3 30.9





#79

2-Chlorotoluene

Concen: 9.748 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

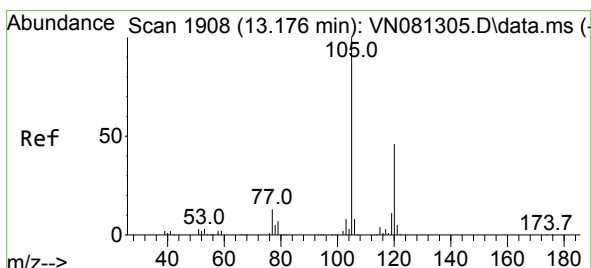
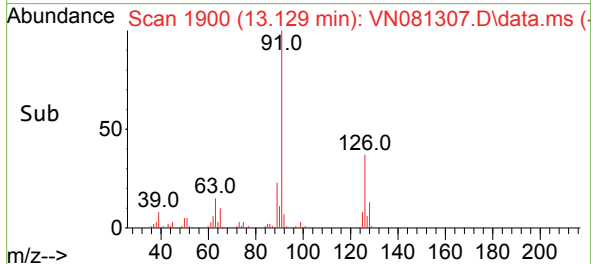
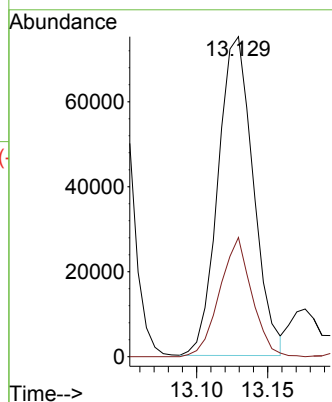
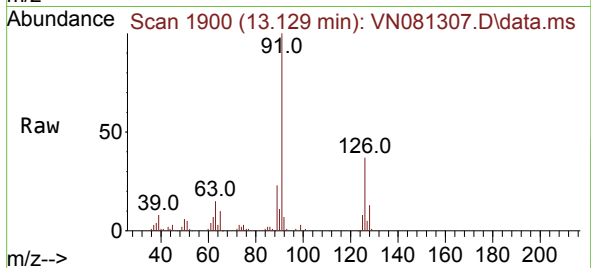
VSTDIC010

Tgt Ion: 91 Resp: 129707

Ion Ratio Lower Upper

91 100

126 34.1 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 10.547 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081307.D

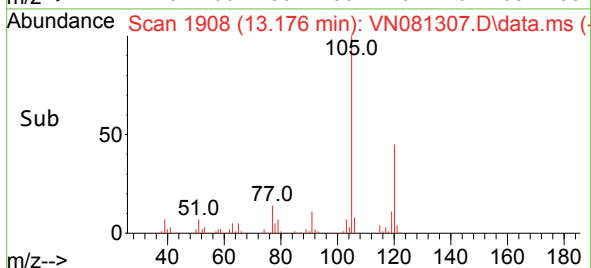
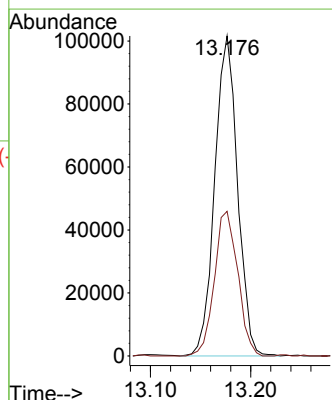
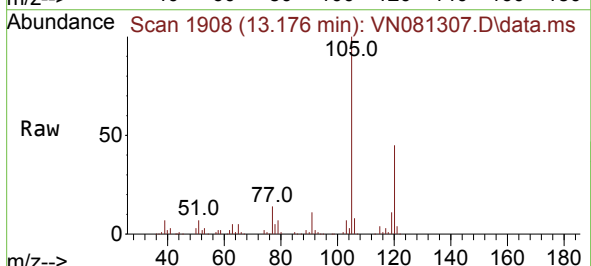
Acq: 05 Mar 2024 13:12

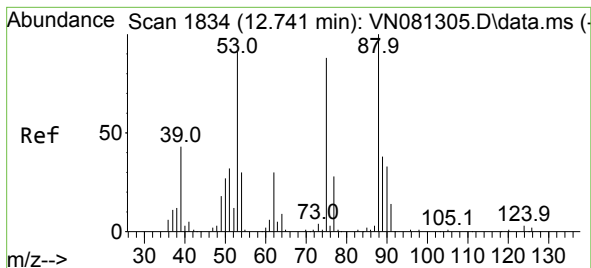
Tgt Ion: 105 Resp: 160469

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0

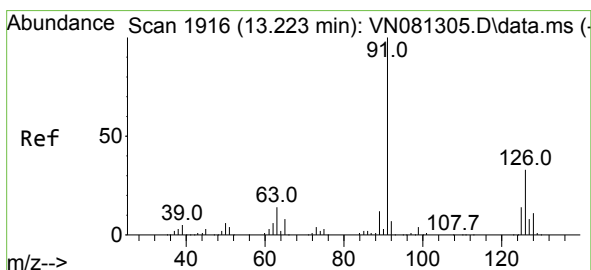
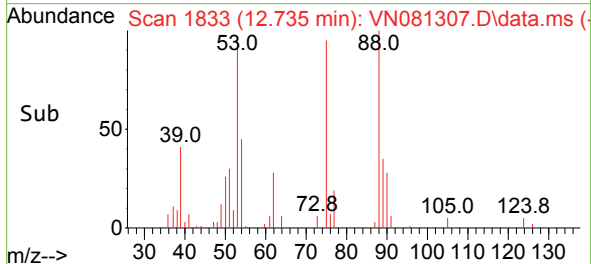
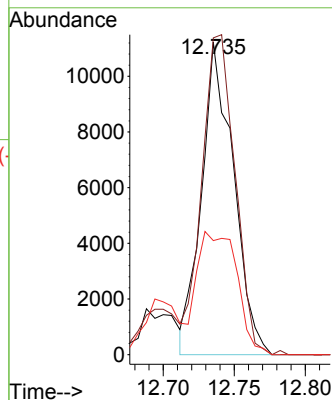
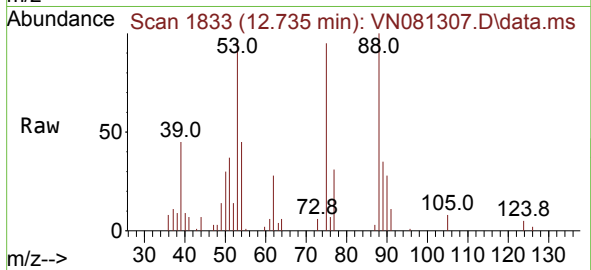




#81
trans-1,4-Dichloro-2-butene
Concen: 9.104 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

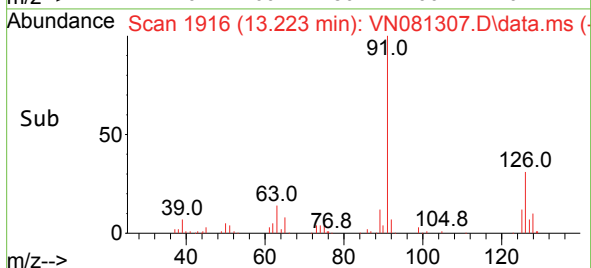
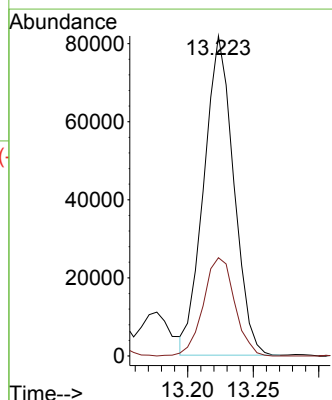
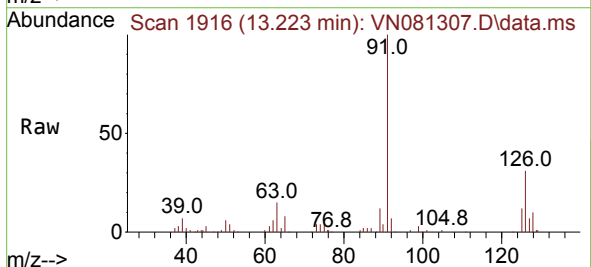
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

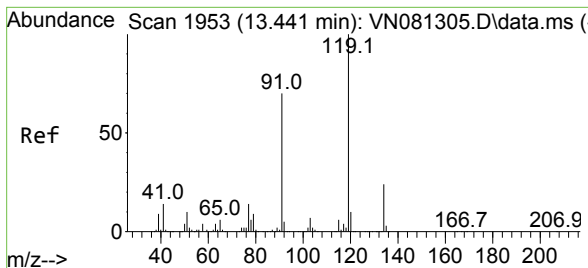
Tgt Ion: 75 Resp: 17563
Ion Ratio Lower Upper
75 100
53 106.7 71.4 107.2
89 48.3 33.4 50.0



#82
4-Chlorotoluene
Concen: 9.864 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion: 91 Resp: 129645
Ion Ratio Lower Upper
91 100
126 32.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 10.198 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

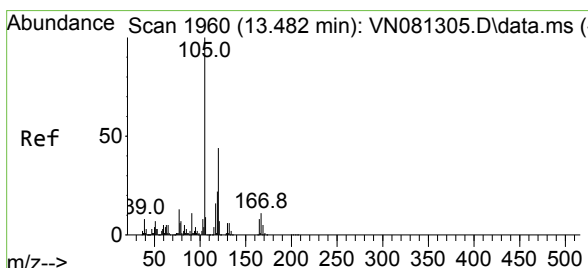
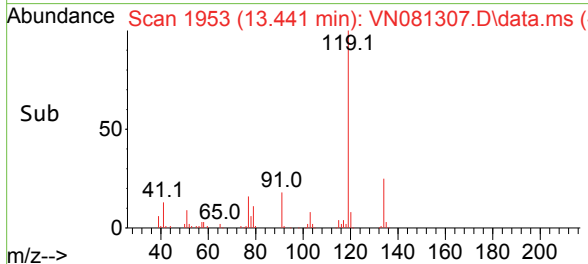
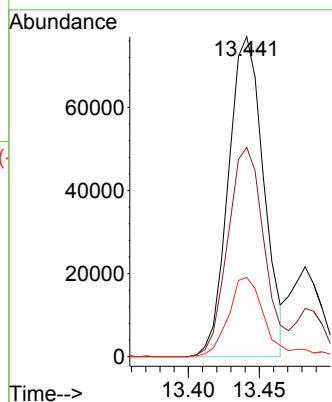
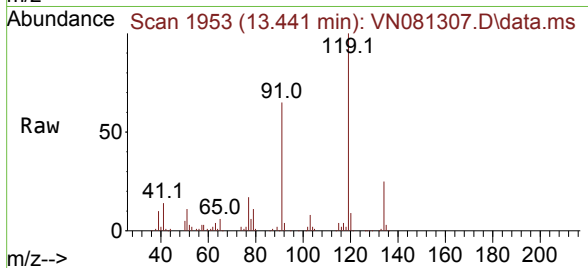
Tgt Ion:119 Resp: 133019

Ion Ratio Lower Upper

119 100

91 68.1 36.8 110.4

134 26.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 9.978 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081307.D

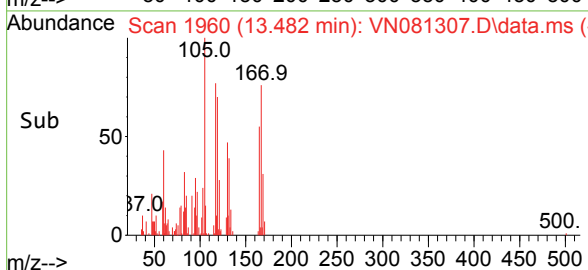
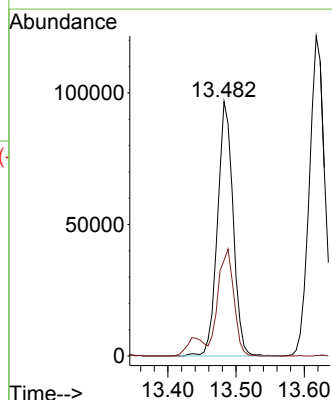
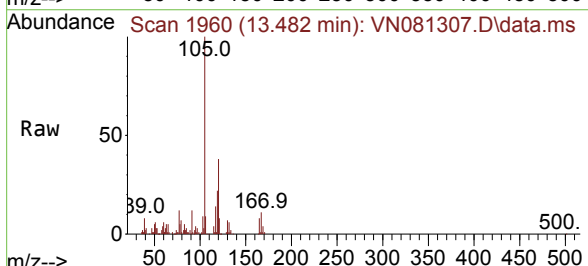
Acq: 05 Mar 2024 13:12

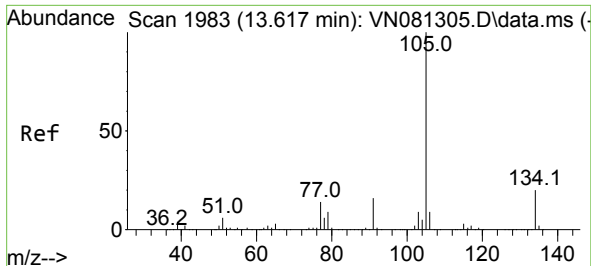
Tgt Ion:105 Resp: 153803

Ion Ratio Lower Upper

105 100

120 42.6 20.9 62.7

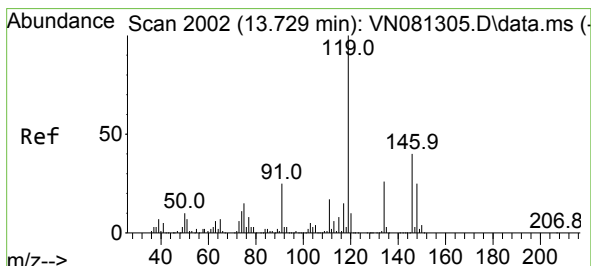
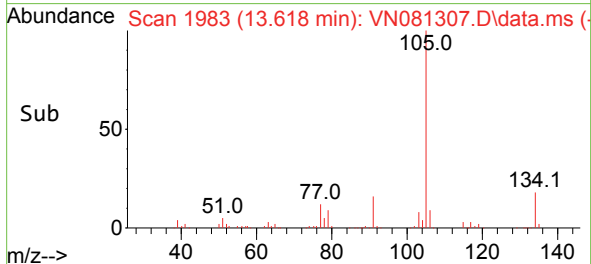
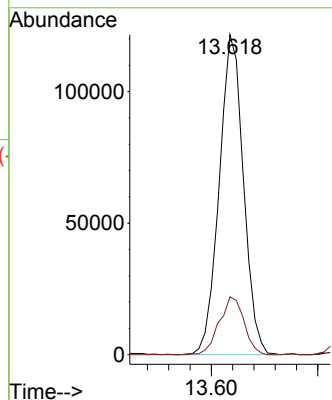
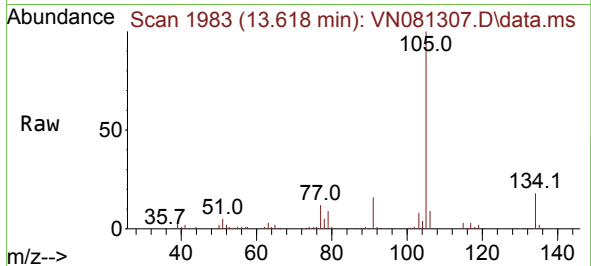




#85
 sec-Butylbenzene
 Concen: 10.167 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

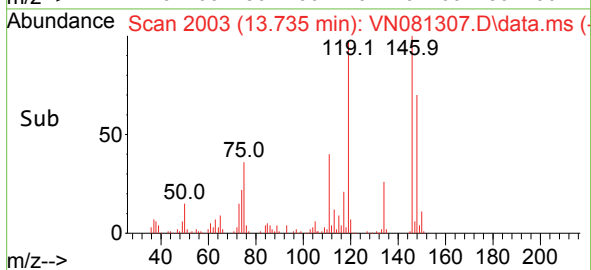
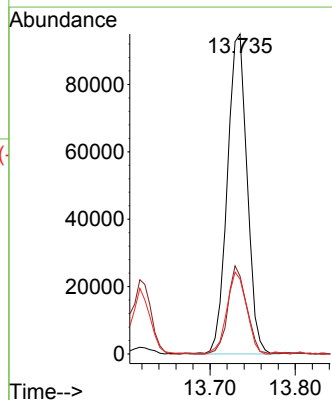
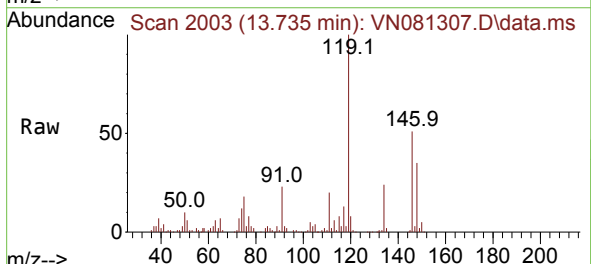
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

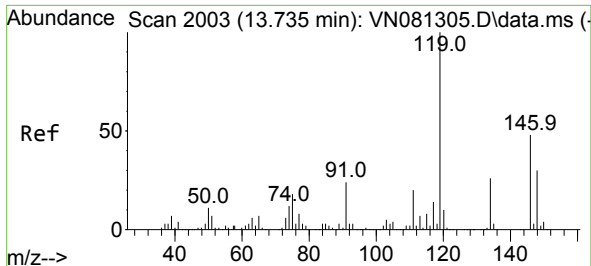
Tgt Ion:105 Resp: 191848
 Ion Ratio Lower Upper
 105 100
 134 18.5 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 10.117 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081307.D
 Acq: 05 Mar 2024 13:12

Tgt Ion:119 Resp: 153094
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 25.5 13.5 40.4

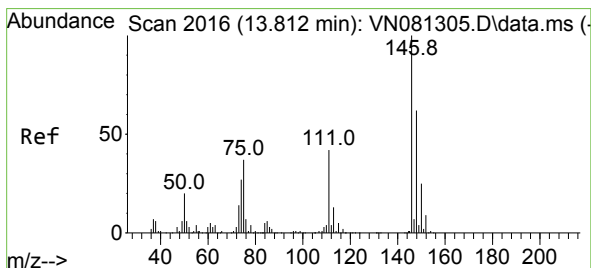
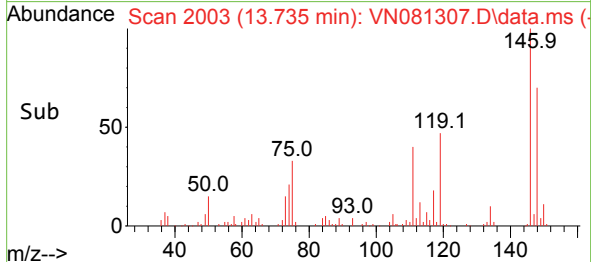
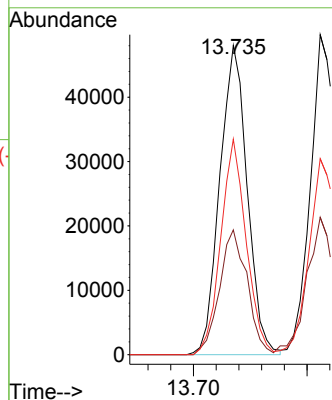
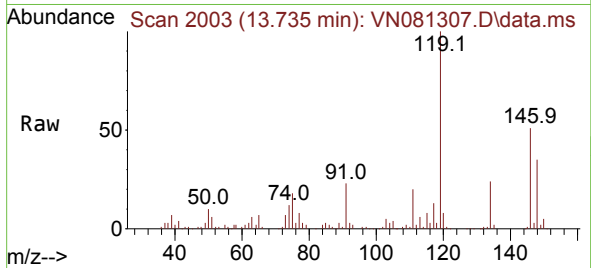




#87
1,3-Dichlorobenzene
Concen: 9.777 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

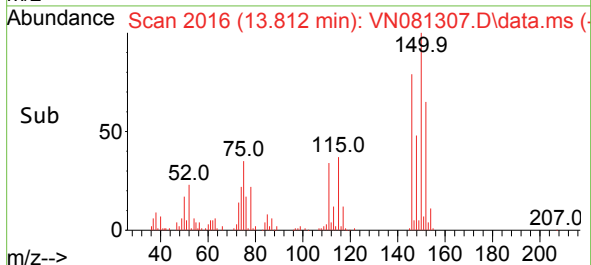
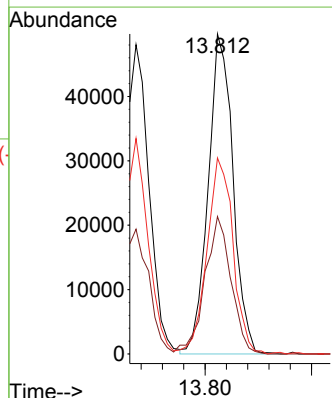
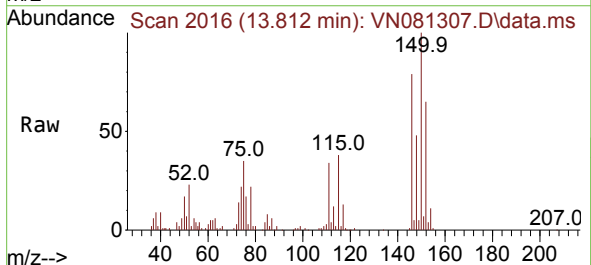
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

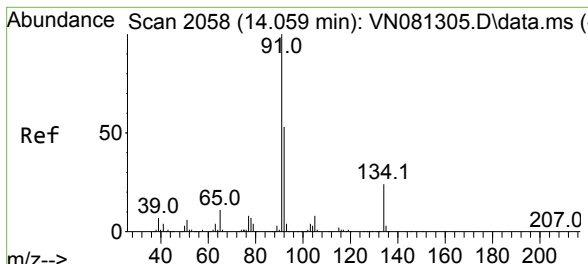
Tgt Ion:146 Resp: 80564
Ion Ratio Lower Upper
146 100
111 40.8 23.9 71.7
148 64.7 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 9.761 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:146 Resp: 80394
Ion Ratio Lower Upper
146 100
111 45.4 22.6 67.7
148 63.4 31.9 95.5

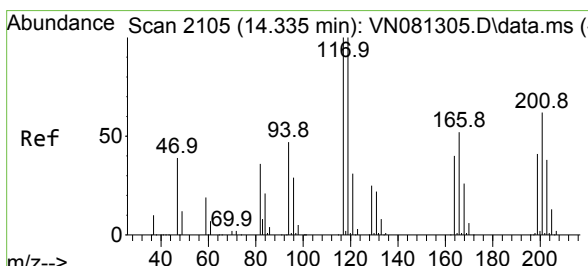
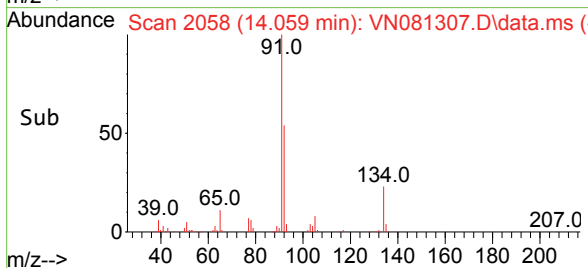
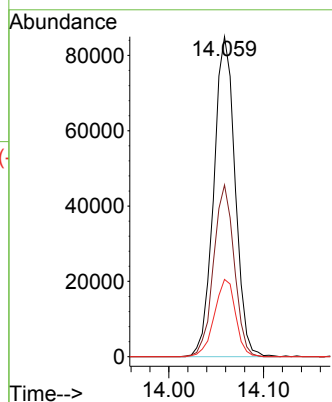
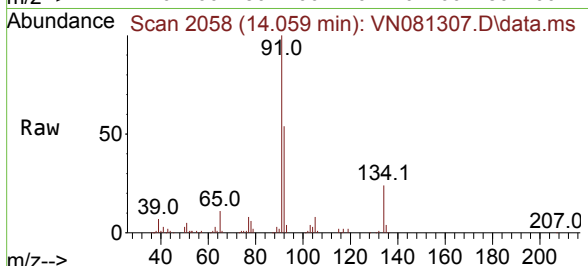




#89
n-Butylbenzene
Concen: 9.588 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

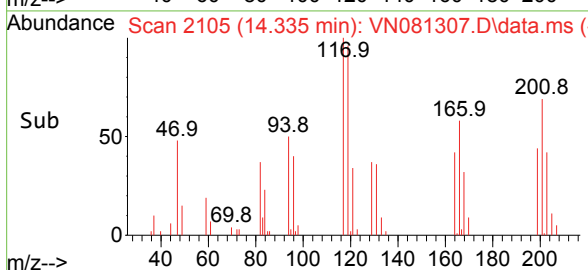
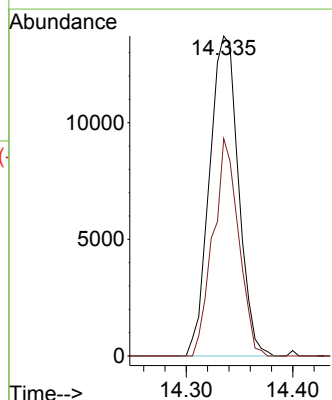
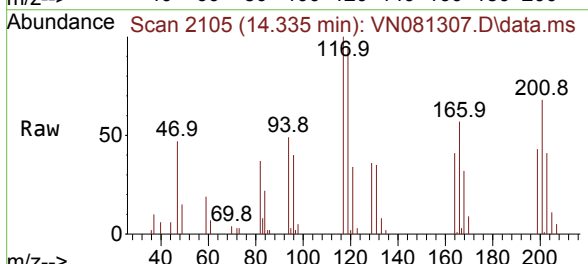
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

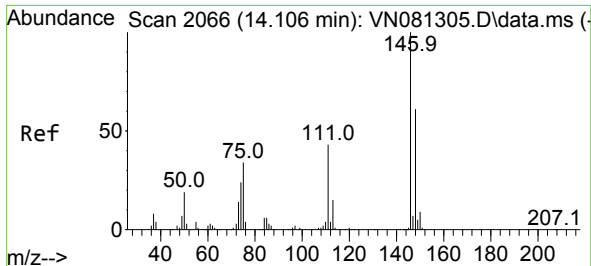
Tgt Ion:	91	Resp:	133067
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.7	80.1
134	24.1	10.8	32.4



#90
Hexachloroethane
Concen: 9.776 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:	117	Resp:	25901
Ion	Ratio	Lower	Upper
117	100		
201	59.9	30.0	90.0

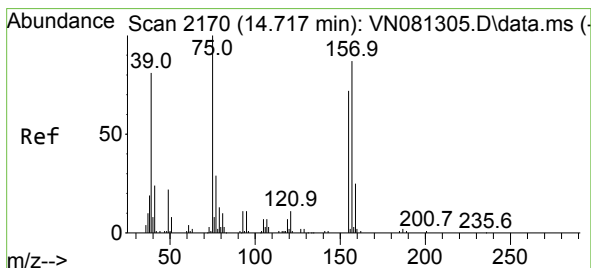
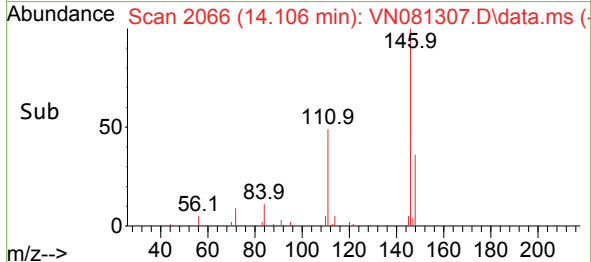
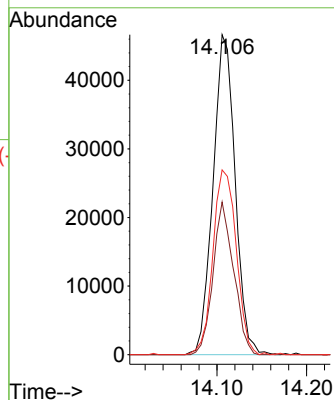
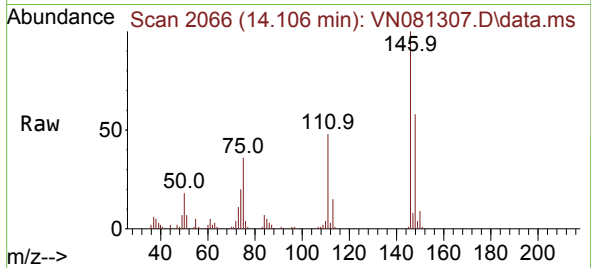




#91
1,2-Dichlorobenzene
Concen: 10.089 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

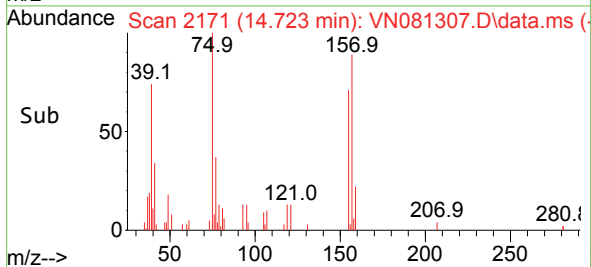
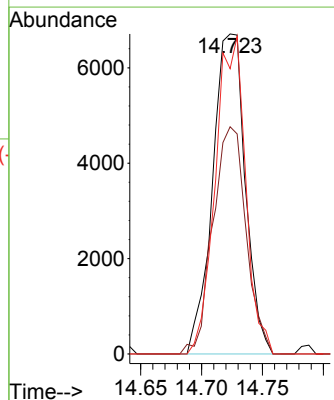
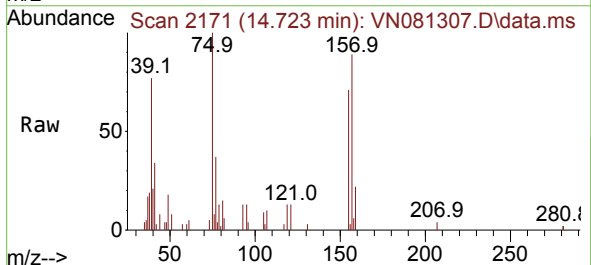
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

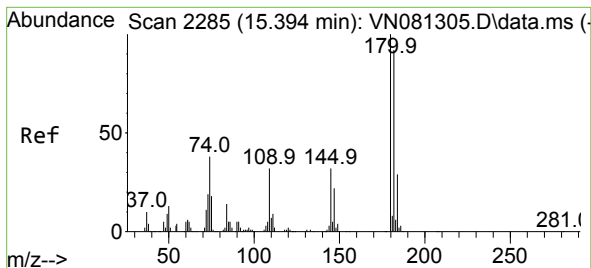
Tgt Ion:	146	Resp:	79762
Ion Ratio	Lower	Upper	
146	100		
111	44.5	23.9	71.8
148	61.2	31.4	94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.319 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081307.D
Acq: 05 Mar 2024 13:12

Tgt Ion:	75	Resp:	12543
Ion Ratio	Lower	Upper	
75	100		
155	72.1	31.8	95.4
157	91.3	41.1	123.4





#93

1,2,4-Trichlorobenzene

Concen: 9.103 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

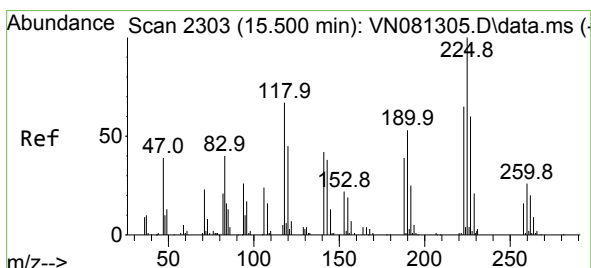
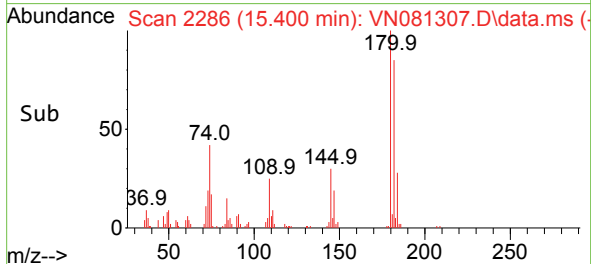
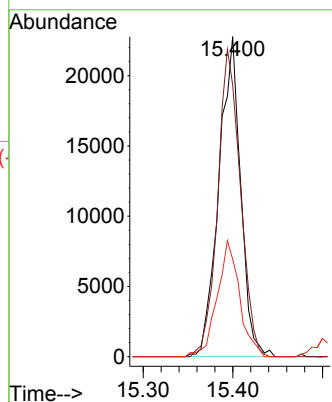
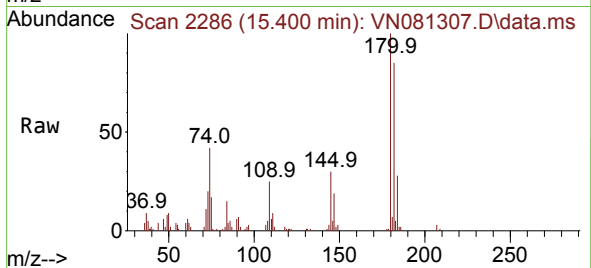
Tgt Ion:180 Resp: 38467

Ion Ratio Lower Upper

180 100

182 99.6 46.6 139.7

145 37.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 9.480 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

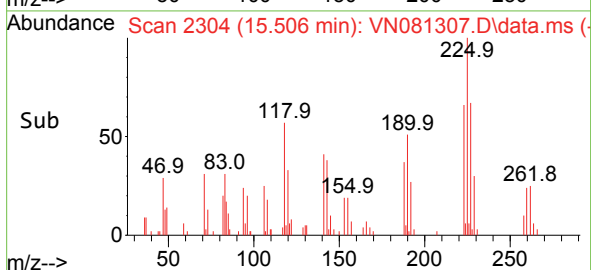
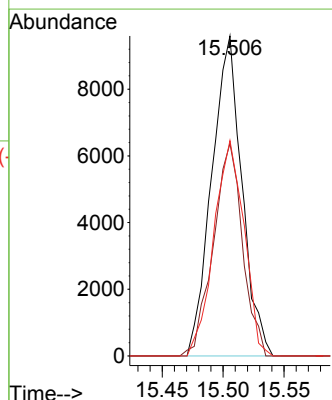
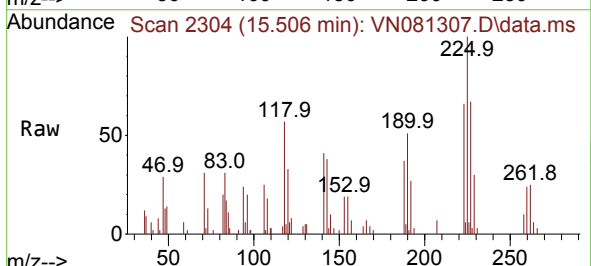
Tgt Ion:225 Resp: 16553

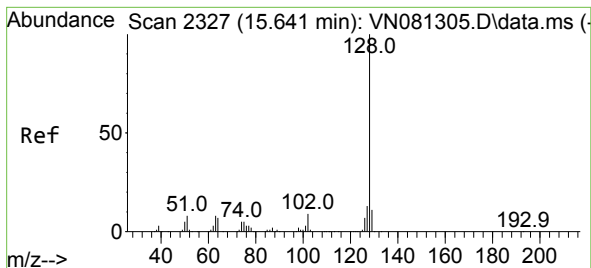
Ion Ratio Lower Upper

225 100

223 64.3 33.3 99.8

227 67.4 33.1 99.2





#95

Naphthalene

Concen: 9.718 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

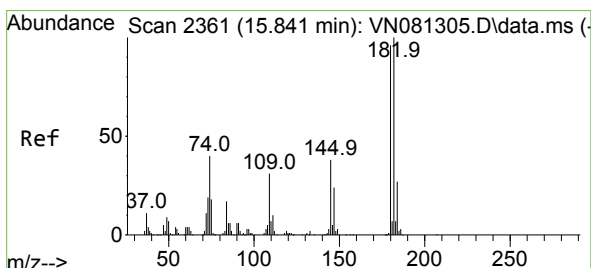
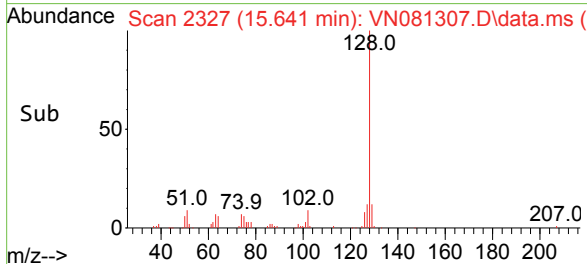
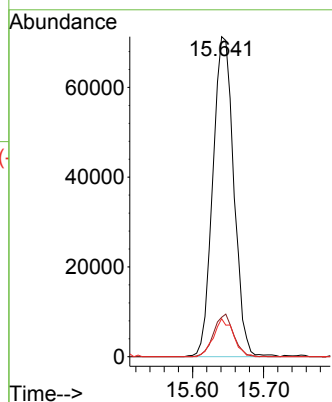
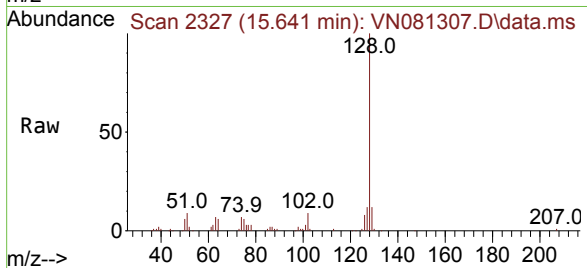
Tgt Ion:128 Resp: 146128

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.838 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081307.D

Acq: 05 Mar 2024 13:12

Tgt Ion:180 Resp: 42163

Ion Ratio Lower Upper

180 100

182 93.0 46.5 139.3

145 38.5 17.8 53.4

