

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081371.D
 Acq On : 12 Mar 2024 12:19
 Operator : JC\MD
 Sample : VN0312WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Quant Time: Mar 13 04:50:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	317265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	573180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	241724	52.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.380%	
35) Dibromofluoromethane	8.171	113	181042	51.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	10.571	98	677798	51.632	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.853	95	237933	51.281	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	83964	19.964	ug/l	96
3) Chloromethane	2.365	50	81914	18.031	ug/l	100
4) Vinyl Chloride	2.518	62	82422	17.392	ug/l	93
5) Bromomethane	2.953	94	54901	17.345	ug/l	94
6) Chloroethane	3.118	64	56111	17.238	ug/l #	87
7) Trichlorofluoromethane	3.495	101	129052	18.407	ug/l	95
8) Diethyl Ether	3.959	74	49792	20.158	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	72463	18.150	ug/l	92
10) Methyl Iodide	4.589	142	72721	19.904	ug/l #	96
11) Tert butyl alcohol	5.512	59	74040	92.305	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	68251	18.459	ug/l	84
13) Acrolein	4.177	56	79538	83.741	ug/l	100
14) Allyl chloride	5.030	41	100117	18.246	ug/l	89
15) Acrylonitrile	5.718	53	199644	95.273	ug/l	97
16) Acetone	4.424	43	149919	92.241	ug/l	94
17) Carbon Disulfide	4.718	76	173522	16.444	ug/l	98
18) Methyl Acetate	5.018	43	103630	22.270	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	248165	19.790	ug/l	94
20) Methylene Chloride	5.283	84	80596	19.581	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	71661	17.191	ug/l	94
22) Diisopropyl ether	6.671	45	251982	20.676	ug/l	94
23) Vinyl Acetate	6.606	43	968002	97.770	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	145160	19.457	ug/l	98
25) 2-Butanone	7.483	43	255114	93.727	ug/l	98
26) 2,2-Dichloropropane	7.494	77	122973	18.650	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	87374	18.488	ug/l	90
28) Bromochloromethane	7.812	49	58022	18.176	ug/l #	67
29) Tetrahydrofuran	7.841	42	175837	94.737	ug/l	91
30) Chloroform	7.965	83	152430	19.689	ug/l	95
31) Cyclohexane	8.259	56	125013	18.000	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	133127	19.454	ug/l	95
36) 1,1-Dichloropropene	8.371	75	108892	19.220	ug/l	96
37) Ethyl Acetate	7.559	43	102805	18.563	ug/l	99
38) Carbon Tetrachloride	8.359	117	109017	19.119	ug/l	97
39) Methylcyclohexane	9.606	83	119182	18.279	ug/l	92
40) Benzene	8.612	78	318169	18.815	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	64398	20.591	ug/l	95
42) 1,2-Dichloroethane	8.671	62	123901	20.780	ug/l	98
43) Isopropyl Acetate	8.688	43	183216	18.901	ug/l #	96
44) Trichloroethene	9.353	130	84230	19.749	ug/l	93
45) 1,2-Dichloropropane	9.624	63	83337	19.617	ug/l	98
46) Dibromomethane	9.712	93	59175	19.762	ug/l #	91
47) Bromodichloromethane	9.888	83	117122	20.149	ug/l #	96
48) Methyl methacrylate	9.682	41	84471	19.715	ug/l	92
49) 1,4-Dioxane	9.694	88	35044	371.076	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	567269	100.786	ug/l	97
52) Toluene	10.629	92	199241	19.504	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	129182	20.539	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	134769	19.849	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	79438	19.610	ug/l	93
56) Ethyl methacrylate	10.876	69	119889	20.611	ug/l	92
57) 1,3-Dichloropropane	11.165	76	144901	20.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	295177	94.337	ug/l #	88
59) 2-Hexanone	11.200	43	417138	99.136	ug/l	96
60) Dibromochloromethane	11.359	129	84705	20.303	ug/l	99
61) 1,2-Dibromoethane	11.471	107	82136	19.541	ug/l	94
64) Tetrachloroethene	11.106	164	78600	19.471	ug/l	87
65) Chlorobenzene	11.894	112	212319	19.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	77128	19.401	ug/l	96
67) Ethyl Benzene	11.965	91	383242	19.584	ug/l	98
68) m/p-Xylenes	12.076	106	281240	38.187	ug/l	99
69) o-Xylene	12.400	106	136016	19.056	ug/l	100
70) Styrene	12.412	104	225627	19.947	ug/l	95
71) Bromoform	12.582	173	53355	19.332	ug/l #	95
73) Isopropylbenzene	12.694	105	365330	19.281	ug/l	99
74) N-amyl acetate	12.494	43	152816	19.222	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	108883	18.621	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	151163	27.275	ug/l	62
77) Bromobenzene	12.982	156	83110	18.500	ug/l	82
78) n-propylbenzene	13.035	91	443173	19.775	ug/l	97
79) 2-Chlorotoluene	13.129	91	262823	19.186	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	309757	19.777	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	37384	18.825	ug/l	85
82) 4-Chlorotoluene	13.223	91	256215	18.936	ug/l	93
83) tert-Butylbenzene	13.441	119	253373	18.869	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	315577	19.887	ug/l	95
85) sec-Butylbenzene	13.617	105	371386	19.118	ug/l	93
86) p-Isopropyltoluene	13.735	119	307877	19.763	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	154523	18.216	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	157938	18.628	ug/l	98
89) n-Butylbenzene	14.059	91	267363	18.715	ug/l	98
90) Hexachloroethane	14.335	117	53383	19.573	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	154135	18.939	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23893	19.095	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	84226	19.361	ug/l	99
94) Hexachlorobutadiene	15.506	225	32039	17.823	ug/l	95
95) Naphthalene	15.641	128	290106	18.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80841	18.324	ug/l	98

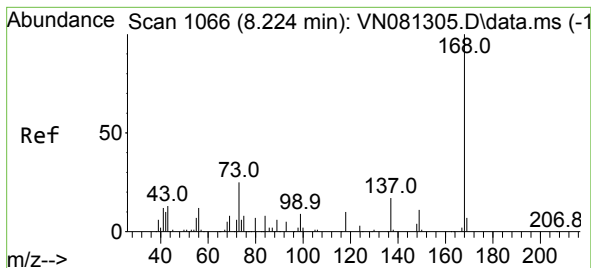
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

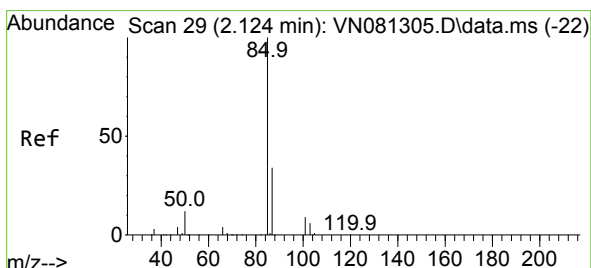
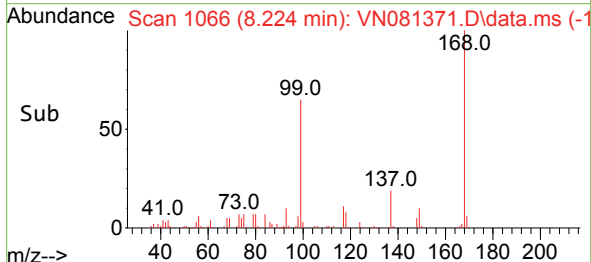
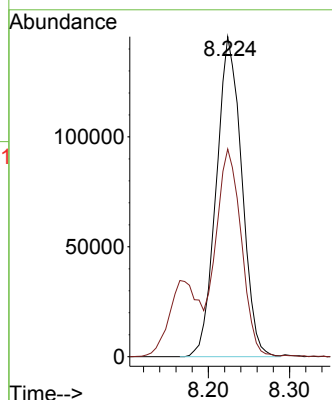
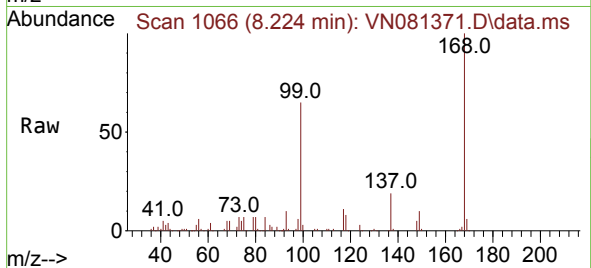
VN0312WBSD01

Tgt Ion:168 Resp: 317265

Ion Ratio Lower Upper

168 100

99 64.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.964 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081371.D

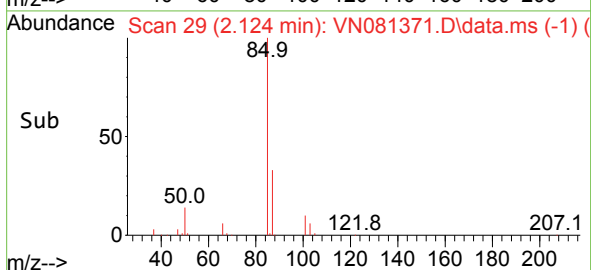
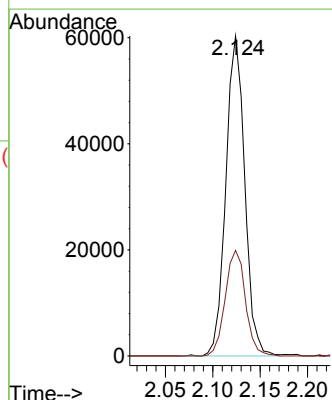
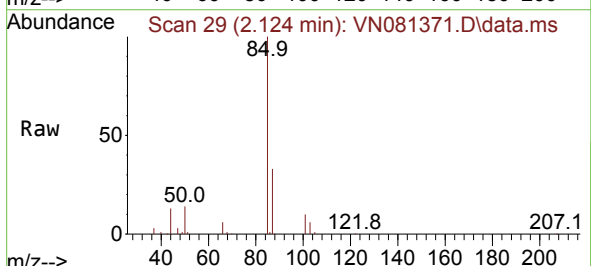
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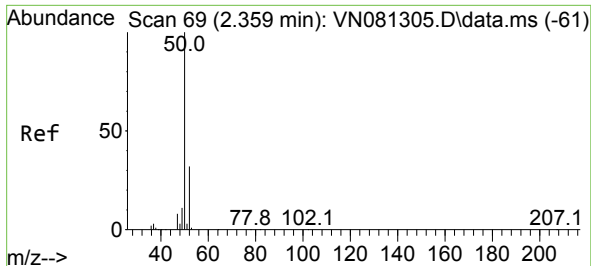
Tgt Ion: 85 Resp: 83964

Ion Ratio Lower Upper

85 100

87 33.0 15.3 45.9

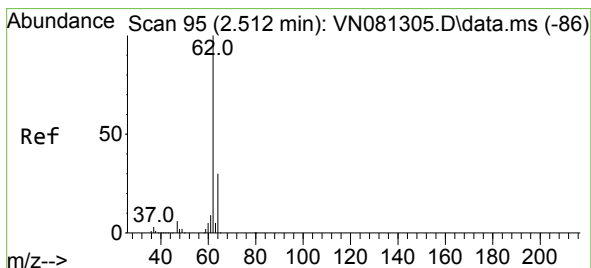
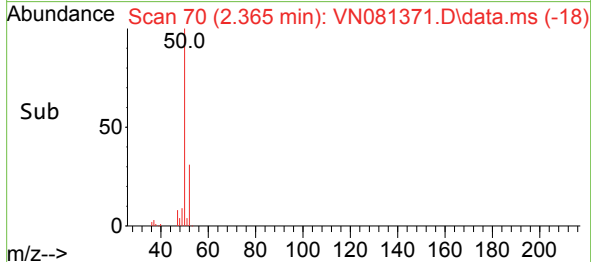
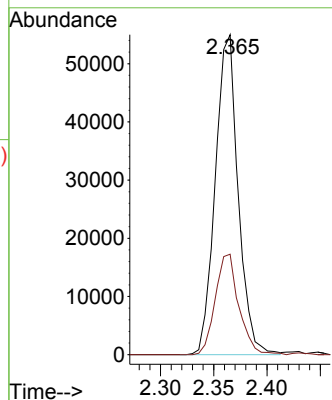
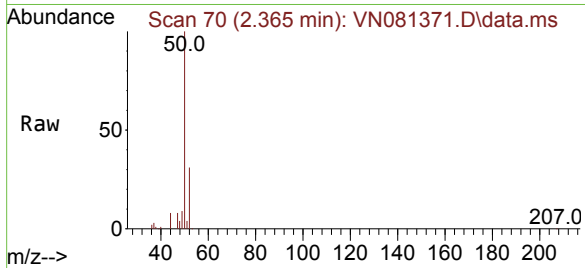




#3
Chloromethane
Concen: 18.031 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

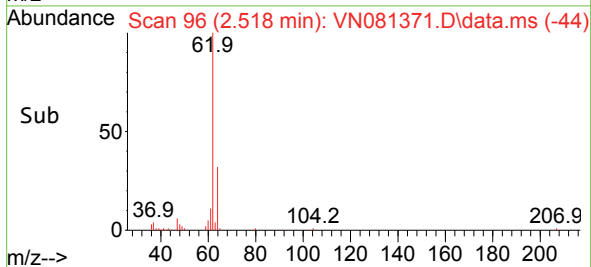
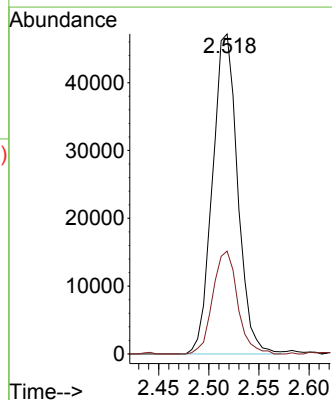
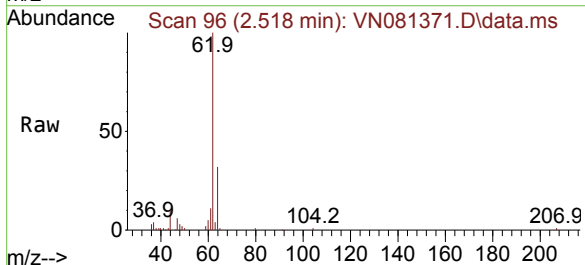
Instrument :
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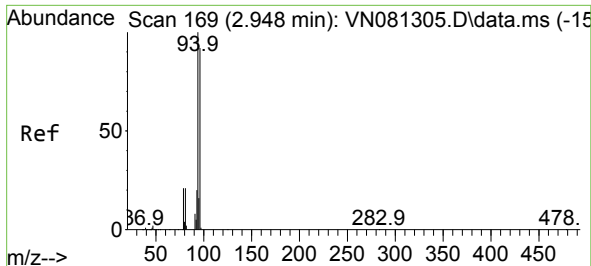
Tgt Ion: 50 Resp: 81914
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4



#4
Vinyl Chloride
Concen: 17.392 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 62 Resp: 82422
Ion Ratio Lower Upper
62 100
64 32.2 22.7 34.1

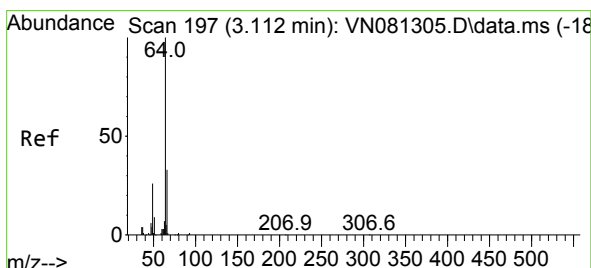
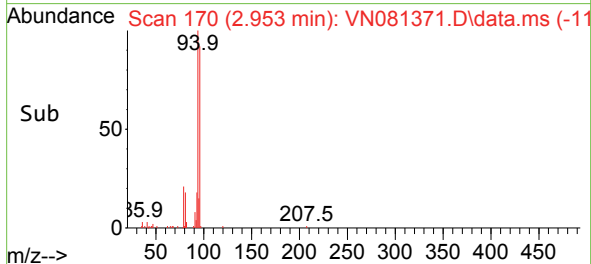
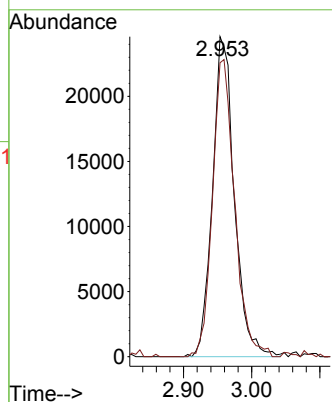
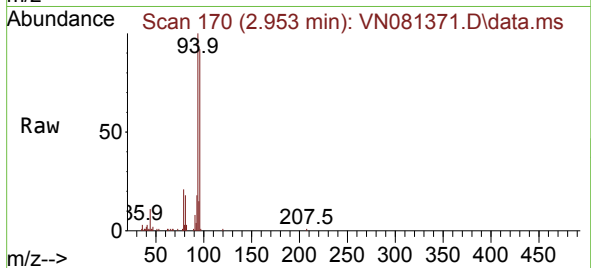




#5
Bromomethane
Concen: 17.345 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

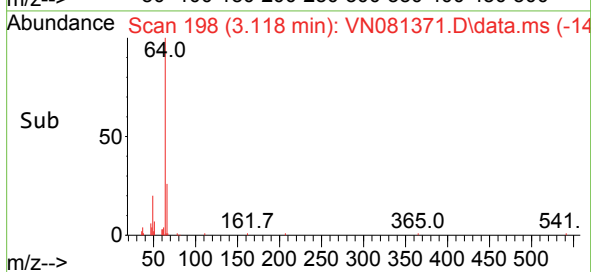
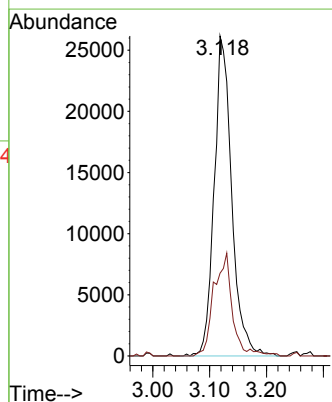
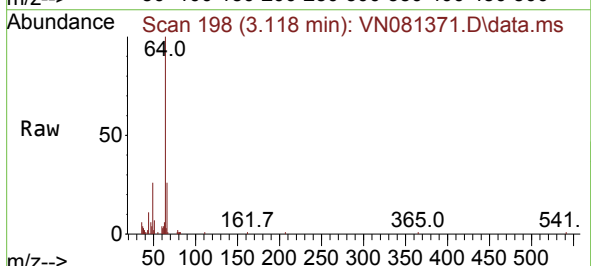
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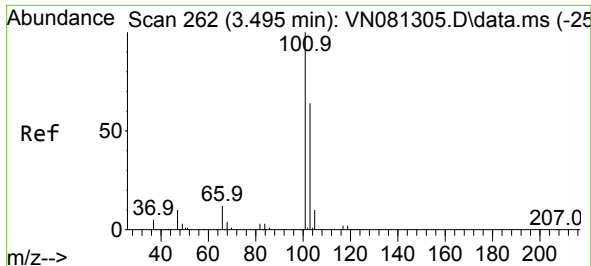
Tgt Ion: 94 Resp: 54901
Ion Ratio Lower Upper
94 100
96 91.9 69.2 103.8



#6
Chloroethane
Concen: 17.238 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 64 Resp: 56111
Ion Ratio Lower Upper
64 100
66 25.9 26.4 39.6#

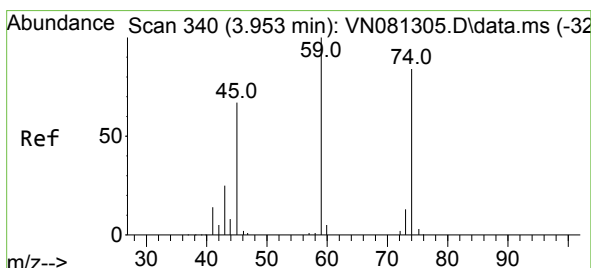
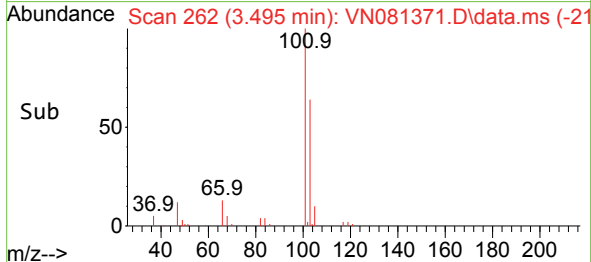
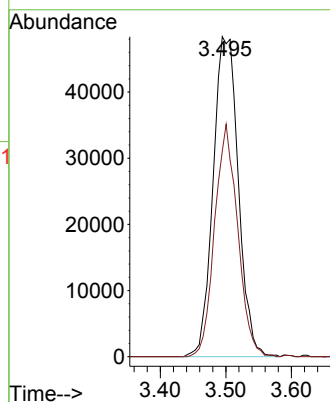
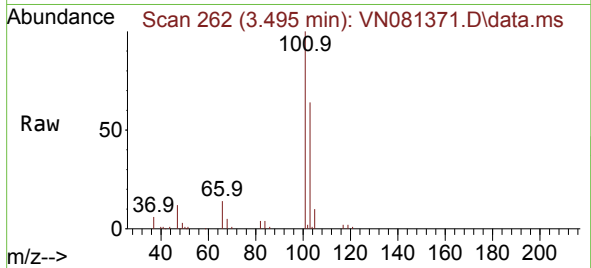




#7
Trichlorofluoromethane
Concen: 18.407 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

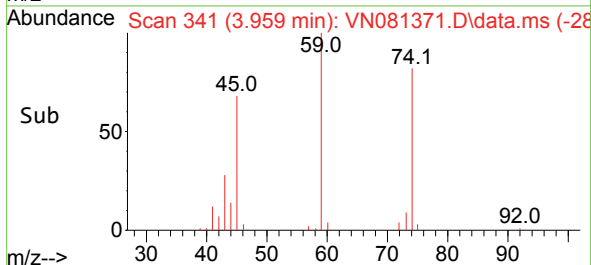
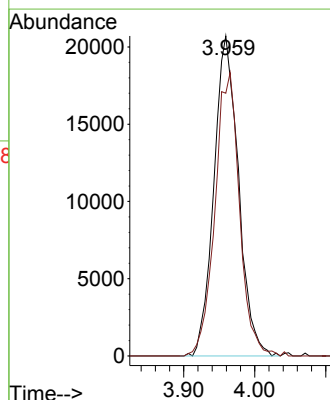
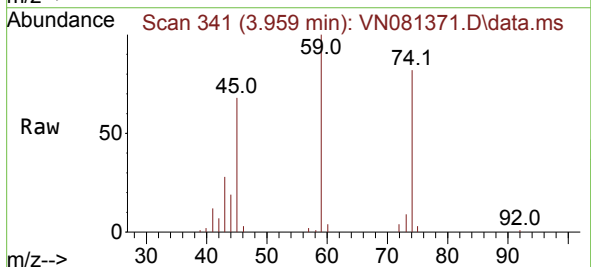
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MSVOA_N
ClientSampleId :
VN0312WBSD01

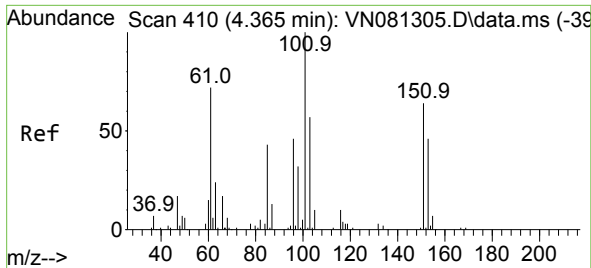
Tgt Ion:101 Resp: 129052
Ion Ratio Lower Upper
101 100
103 64.2 54.4 81.6



#8
Diethyl Ether
Concen: 20.158 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 74 Resp: 49792
Ion Ratio Lower Upper
74 100
45 88.3 53.3 159.9

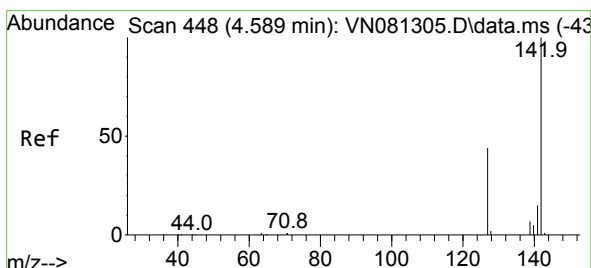
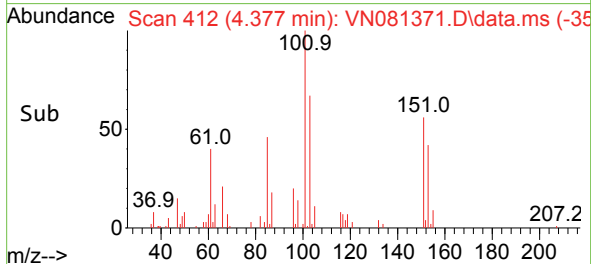
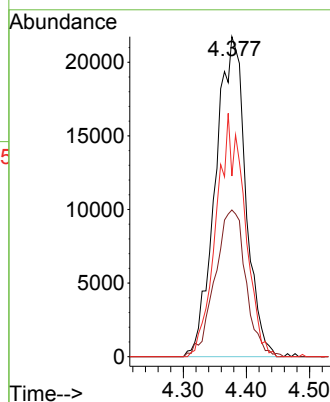
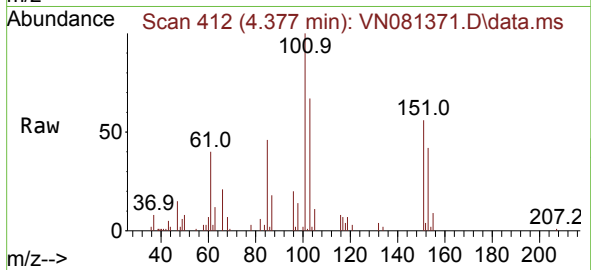




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.150 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081371.D
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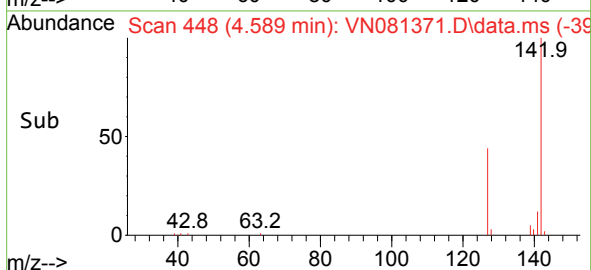
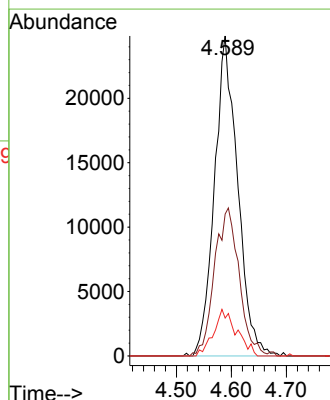
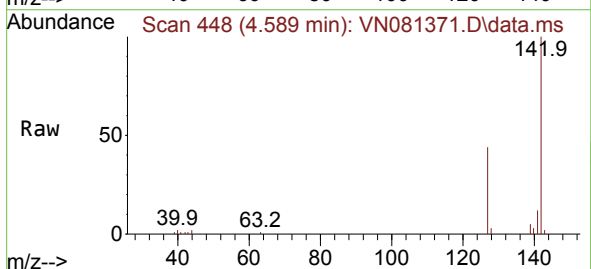
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

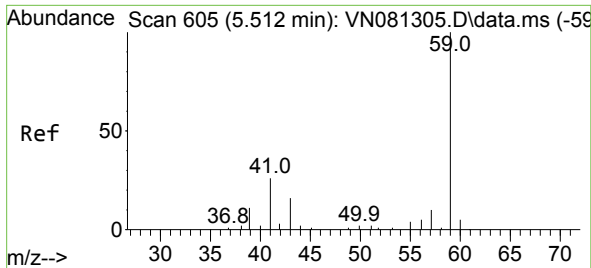
Tgt Ion:101 Resp: 72463
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 71.2 49.1 73.7



#10
Methyl Iodide
Concen: 19.904 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:142 Resp: 72721
Ion Ratio Lower Upper
142 100
127 44.3 37.0 55.4
141 11.9 12.5 18.7#

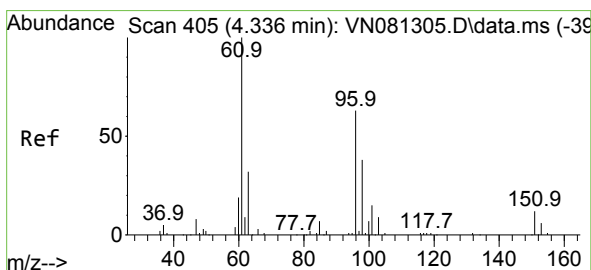
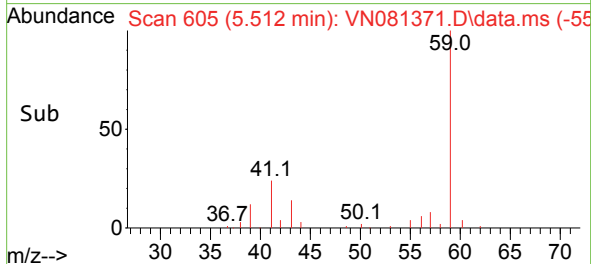
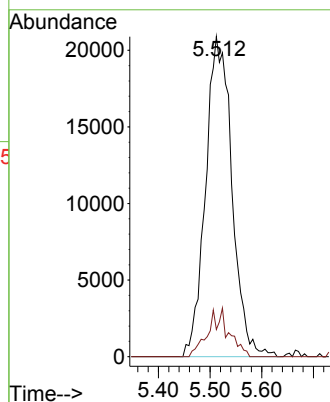
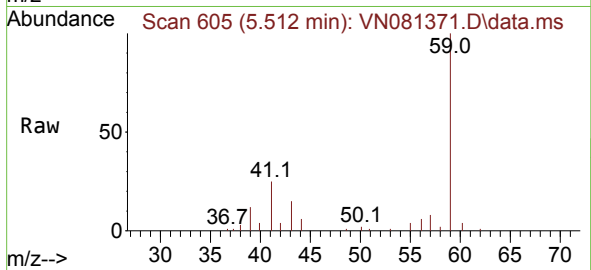




#11
Tert butyl alcohol
Concen: 92.305 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

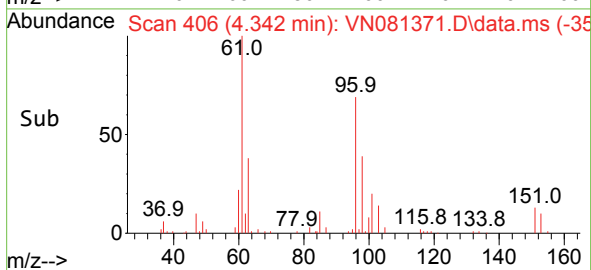
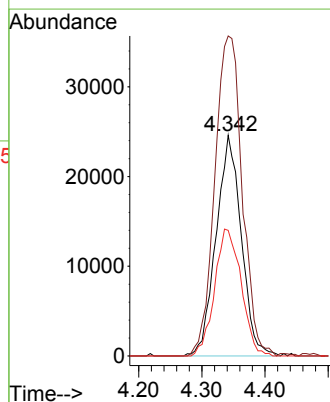
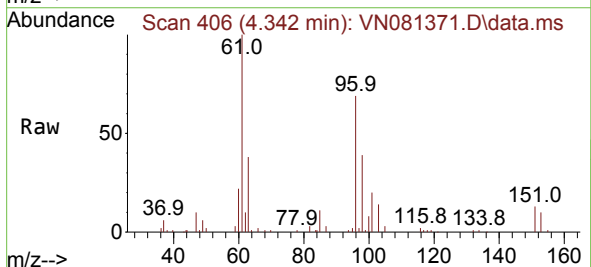
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

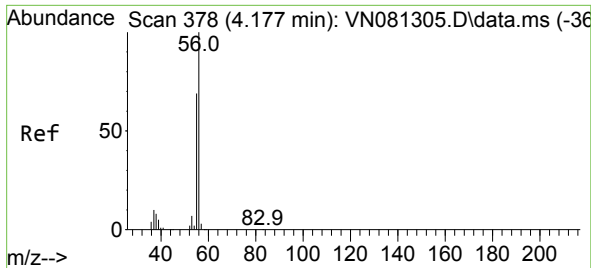
Tgt Ion: 59 Resp: 74040
Ion Ratio Lower Upper
59 100
57 5.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 18.459 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 96 Resp: 68251
Ion Ratio Lower Upper
96 100
61 145.1 138.2 207.4
98 57.0 49.2 73.8





#13

Acrolein

Concen: 83.741 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

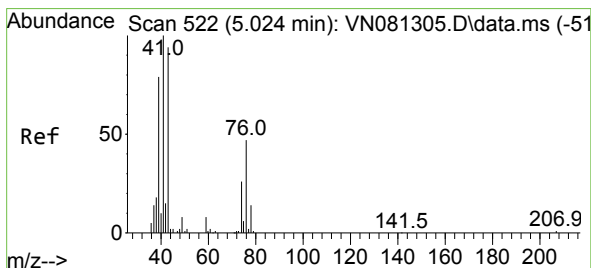
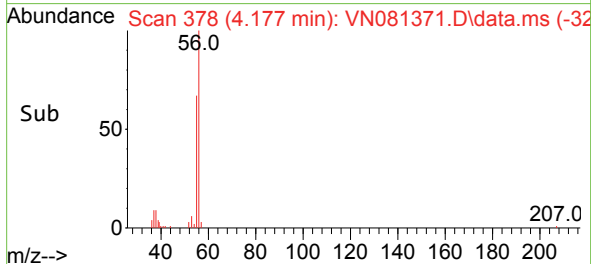
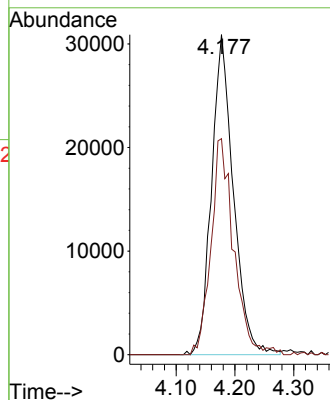
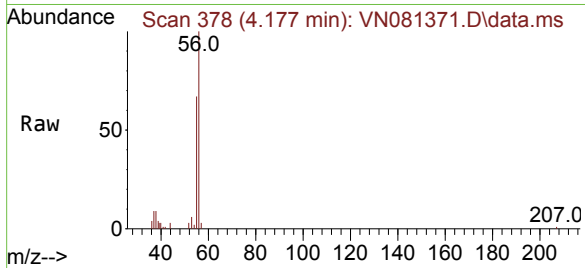
VN0312WBSD01

Tgt Ion: 56 Resp: 79538

Ion Ratio Lower Upper

56 100

55 69.3 55.3 82.9



#14

Allyl chloride

Concen: 18.246 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

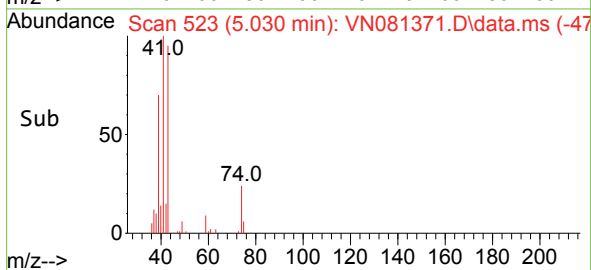
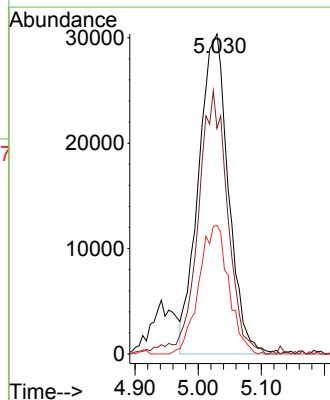
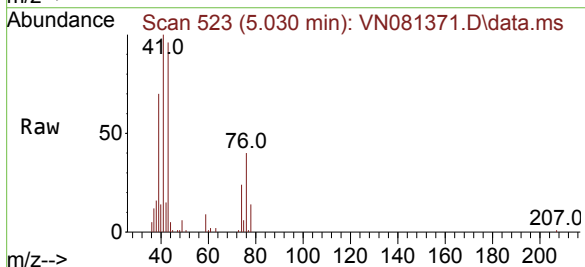
Tgt Ion: 41 Resp: 100117

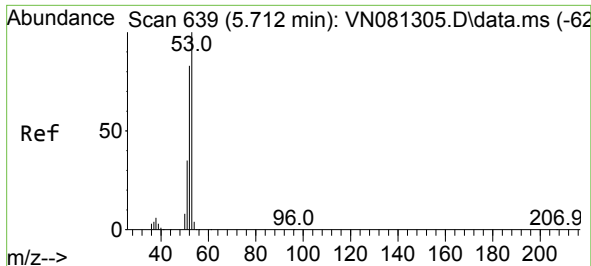
Ion Ratio Lower Upper

41 100

39 81.4 57.7 86.5

76 40.1 26.8 40.2

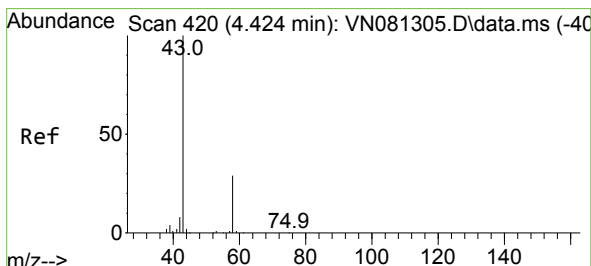
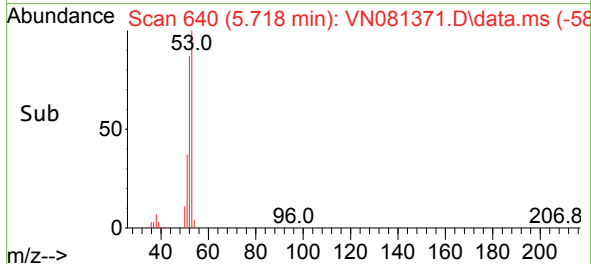
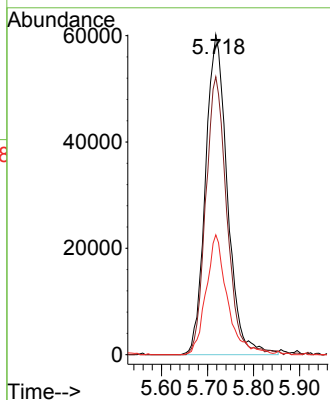
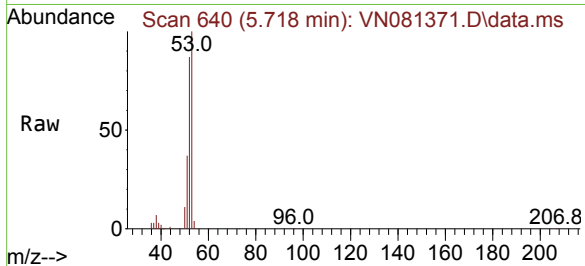




#15
Acrylonitrile
Concen: 95.273 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

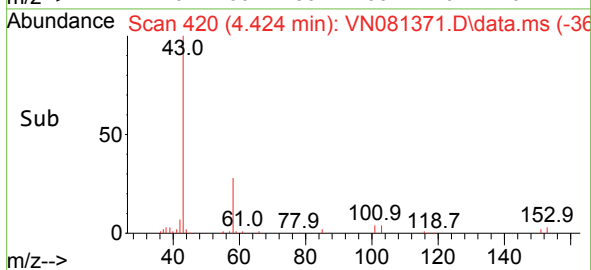
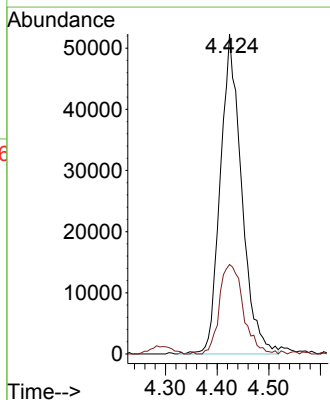
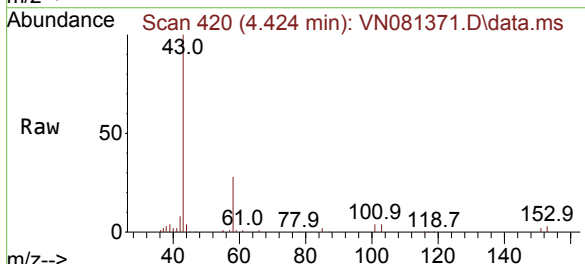
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

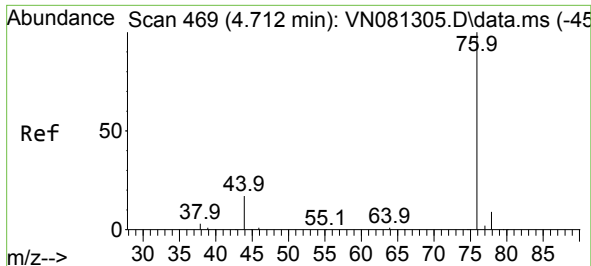
Tgt Ion: 53 Resp: 199644
Ion Ratio Lower Upper
53 100
52 83.1 64.8 97.2
51 36.5 26.9 40.3



#16
Acetone
Concen: 92.241 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 43 Resp: 149919
Ion Ratio Lower Upper
43 100
58 27.9 24.8 37.2

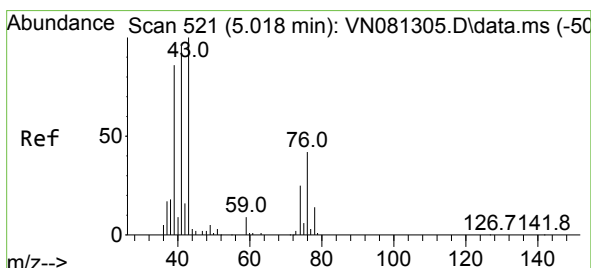
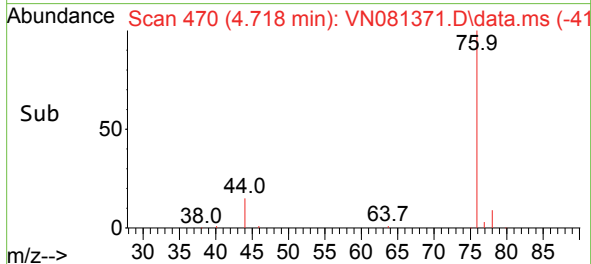
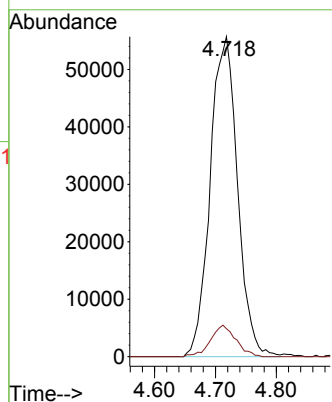
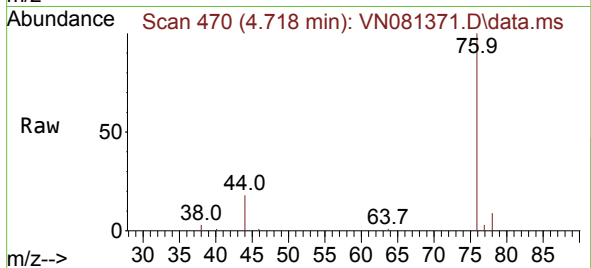




#17
Carbon Disulfide
Concen: 16.444 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

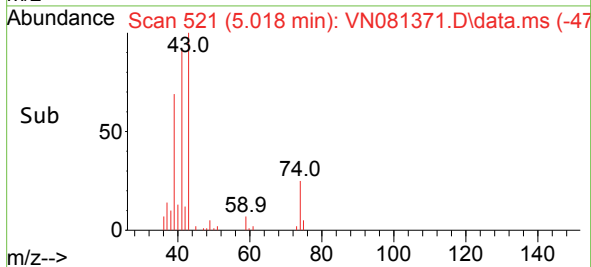
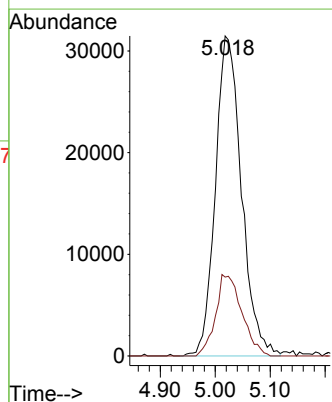
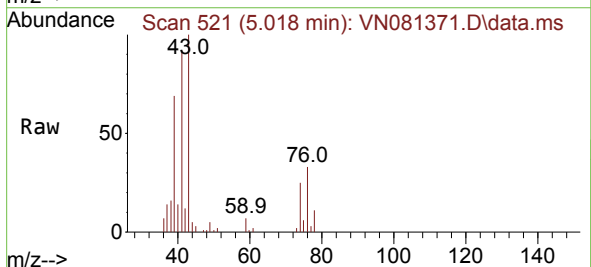
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

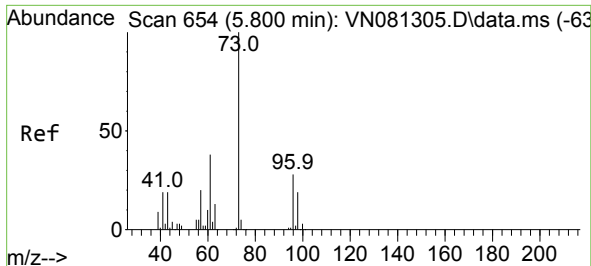
Tgt Ion: 76 Resp: 173522
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5



#18
Methyl Acetate
Concen: 22.270 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 43 Resp: 103630
Ion Ratio Lower Upper
43 100
74 25.6 17.3 25.9

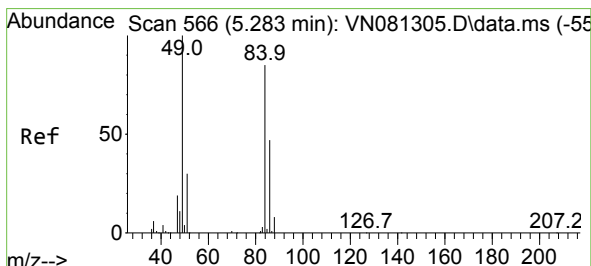
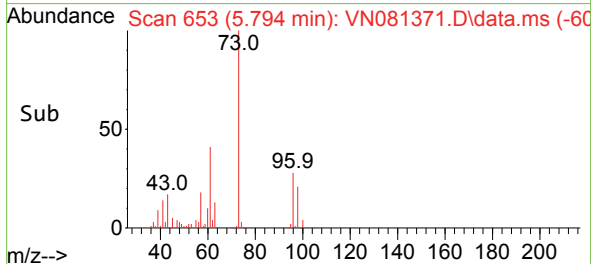
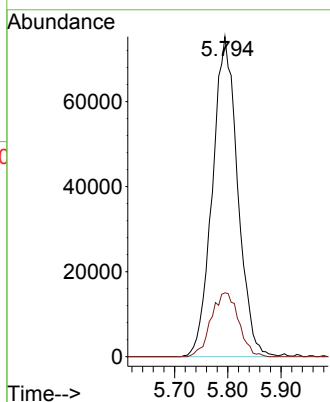
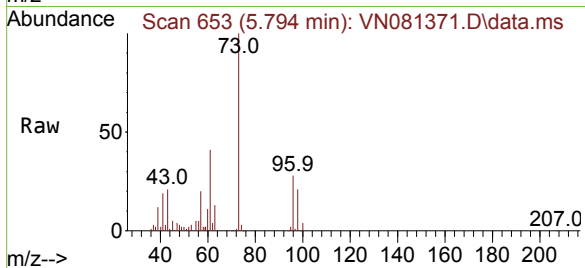




#19
Methyl tert-butyl Ether
Concen: 19.790 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

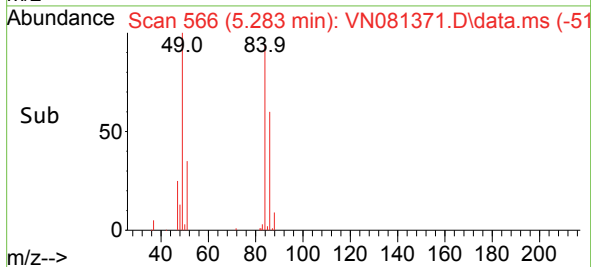
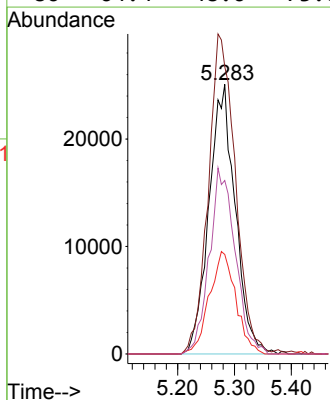
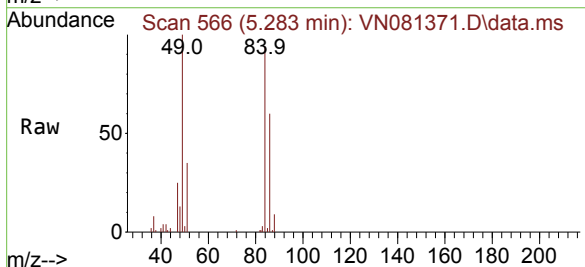
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

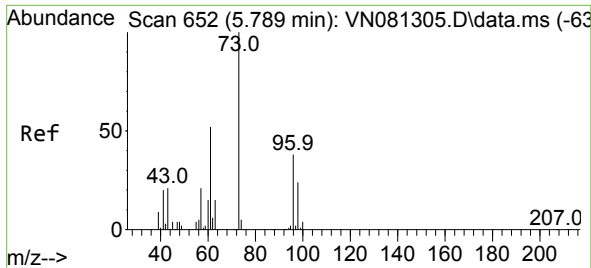
Tgt Ion: 73 Resp: 248165
Ion Ratio Lower Upper
73 100
57 20.0 18.2 27.4



#20
Methylene Chloride
Concen: 19.581 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 84 Resp: 80596
Ion Ratio Lower Upper
84 100
49 106.6 108.1 162.1#
51 36.9 32.9 49.3
86 64.4 48.6 73.0

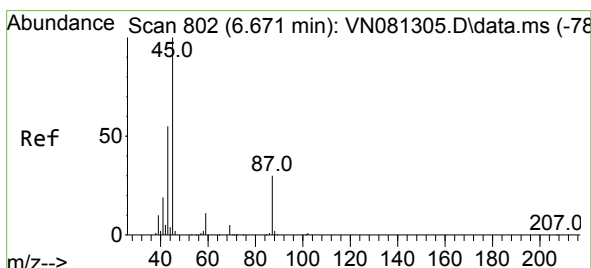
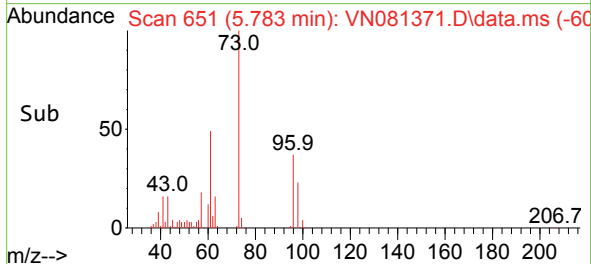
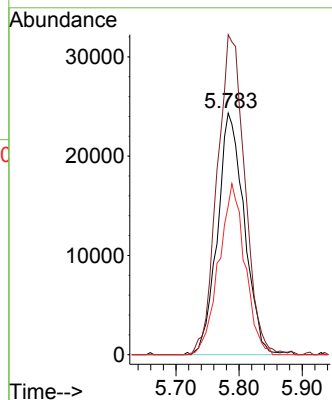
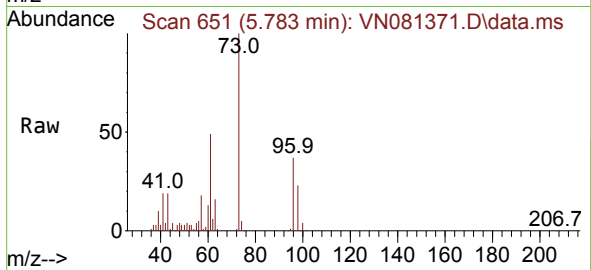




#21
trans-1,2-Dichloroethene
Concen: 17.191 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

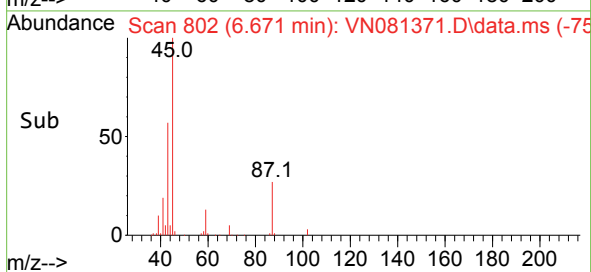
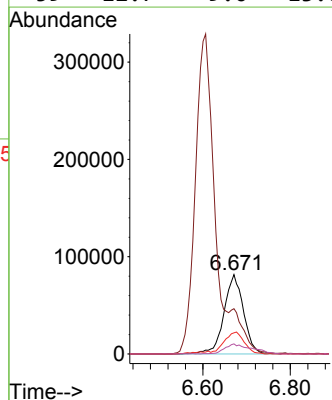
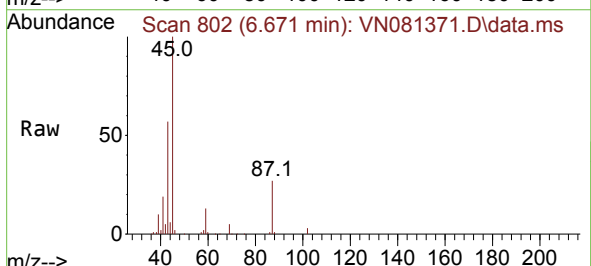
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

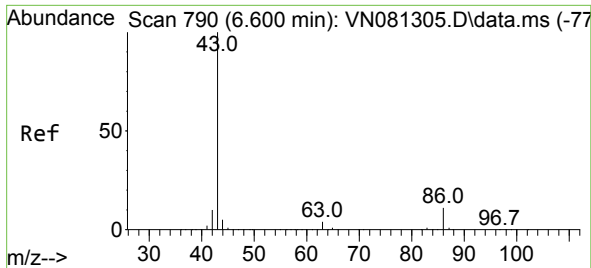
Tgt Ion: 96 Resp: 71661
Ion Ratio Lower Upper
96 100
61 132.5 112.8 169.2
98 61.5 51.0 76.4



#22
Diisopropyl ether
Concen: 20.676 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 45 Resp: 251982
Ion Ratio Lower Upper
45 100
43 56.0 41.8 62.8
87 26.6 18.1 27.1
59 12.7 9.0 13.6

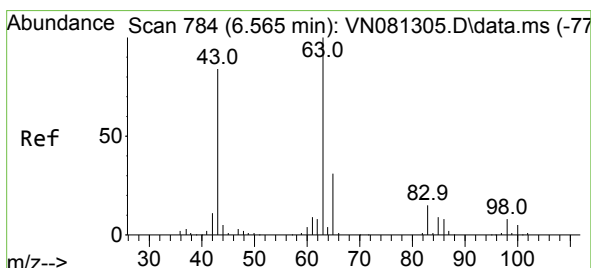
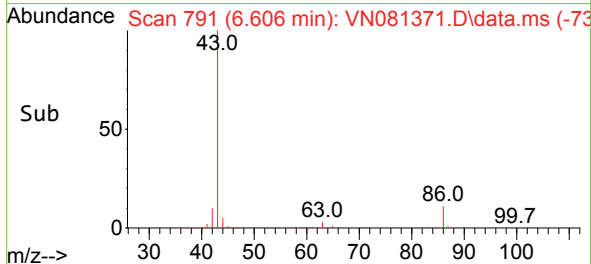
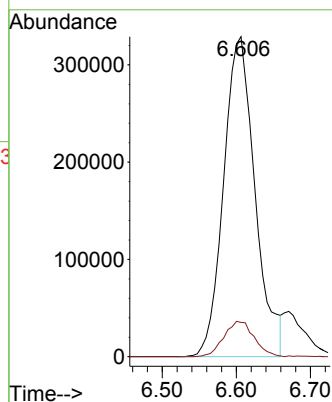
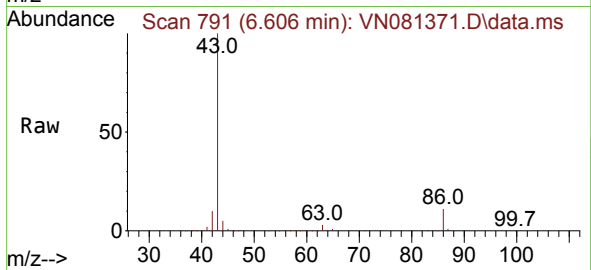




#23
 Vinyl Acetate
 Concen: 97.770 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

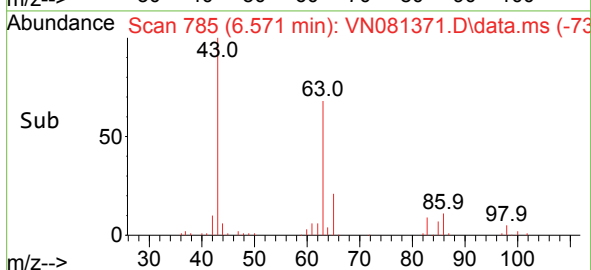
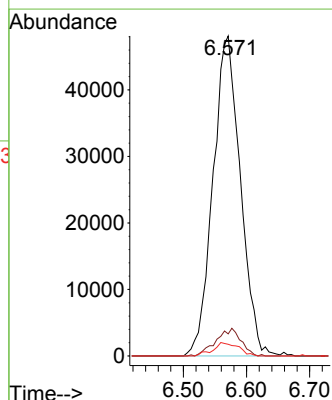
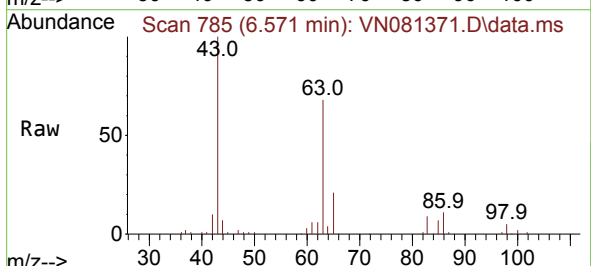
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

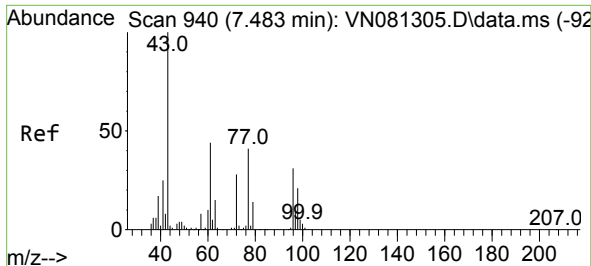
Tgt Ion: 43 Resp: 968002
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.457 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

Tgt Ion: 63 Resp: 145160
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 3.6 1.9 5.7

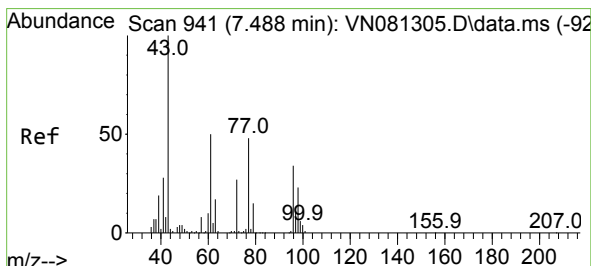
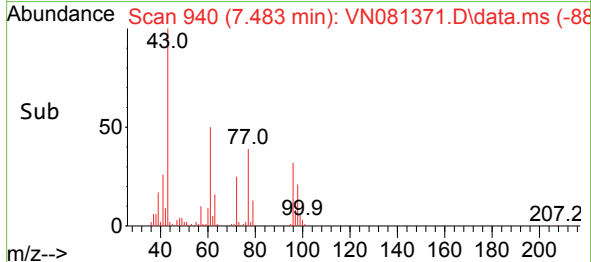
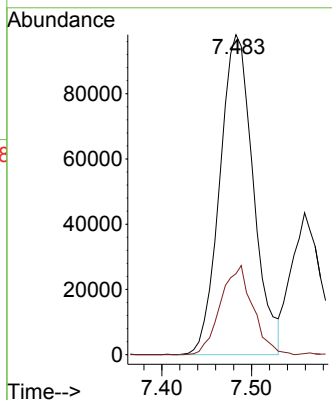
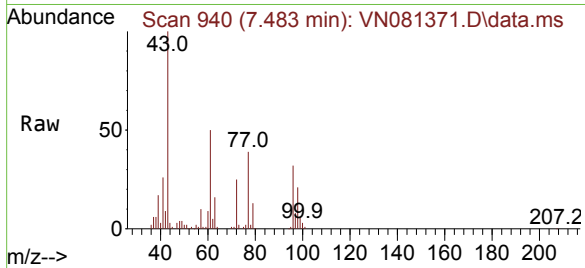




#25
2-Butanone
Concen: 93.727 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

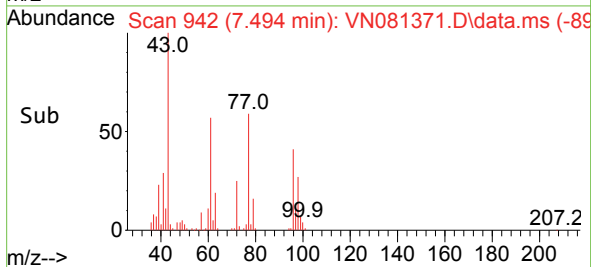
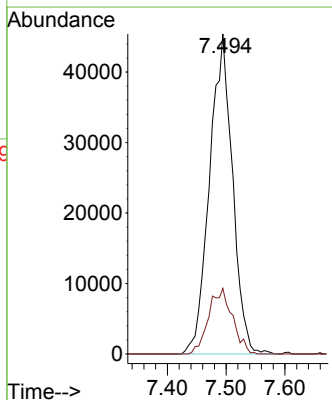
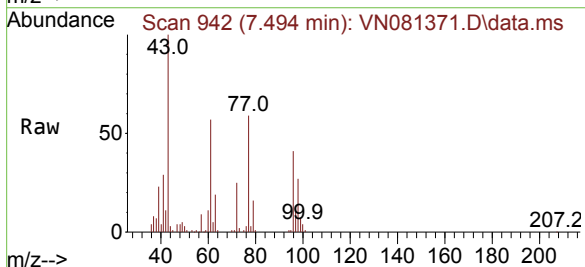
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

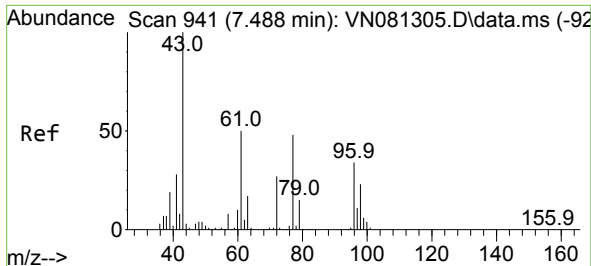
Tgt Ion: 43 Resp: 255114
Ion Ratio Lower Upper
43 100
72 25.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 18.650 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 77 Resp: 122973
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5

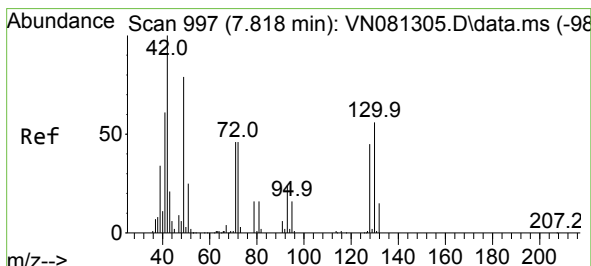
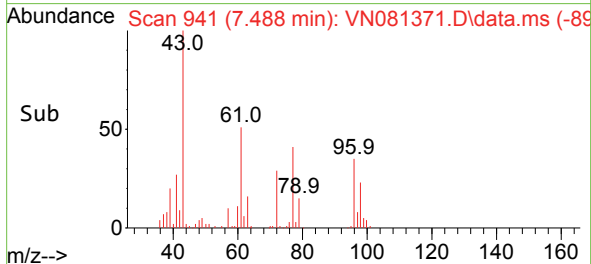
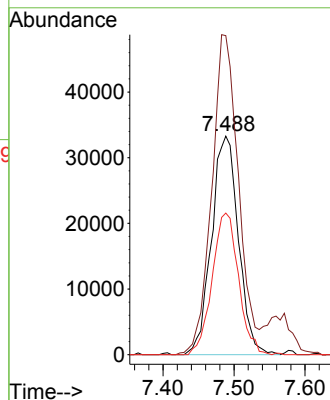
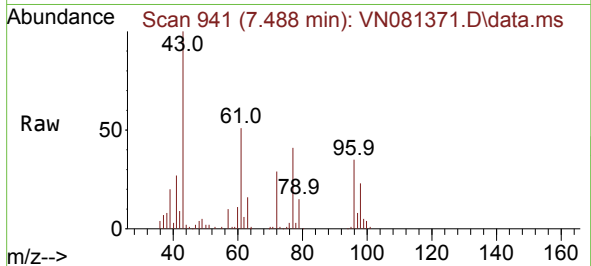




#27
 cis-1,2-Dichloroethene
 Concen: 18.488 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

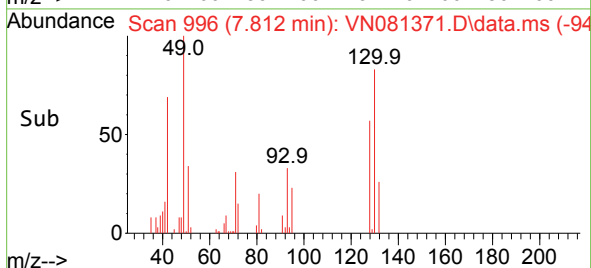
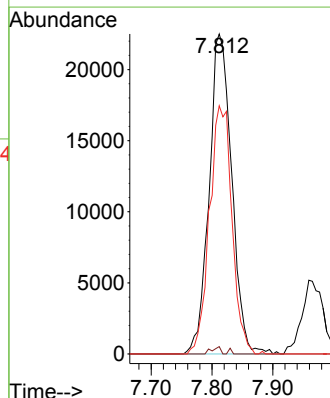
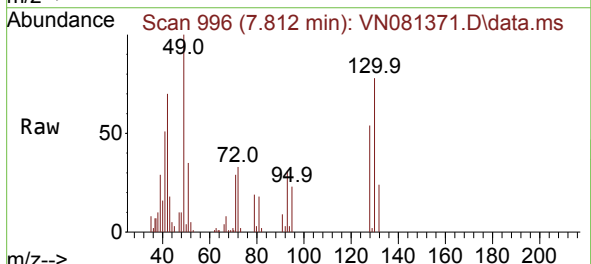
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

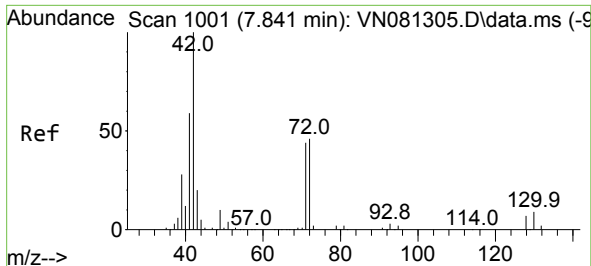
Tgt Ion: 96 Resp: 87374
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 325.4
 98 63.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.176 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

Tgt Ion: 49 Resp: 58022
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.6
 130 77.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 94.737 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

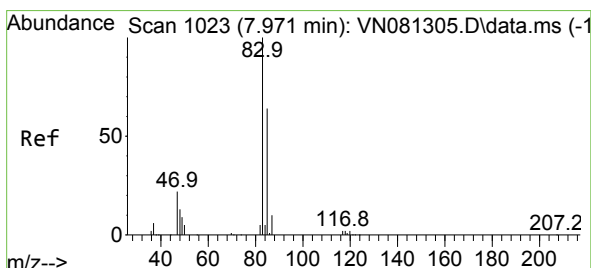
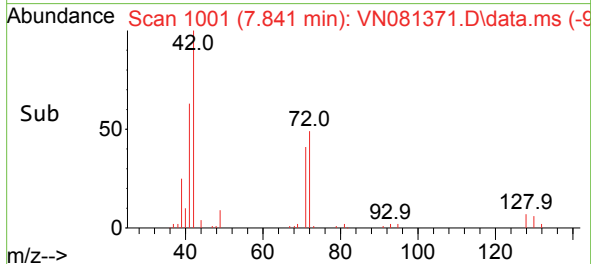
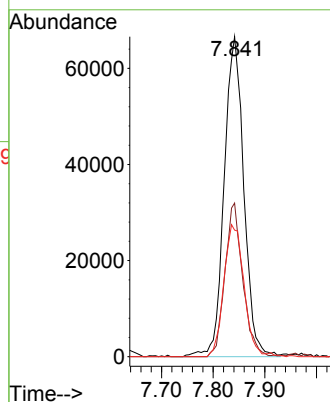
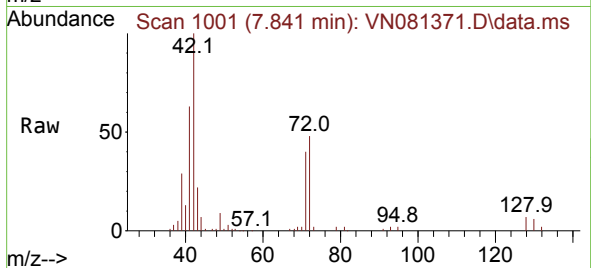
Tgt Ion: 42 Resp: 175837

Ion Ratio Lower Upper

42 100

72 43.7 31.1 46.7

71 41.9 28.3 42.5



#30

Chloroform

Concen: 19.689 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081371.D

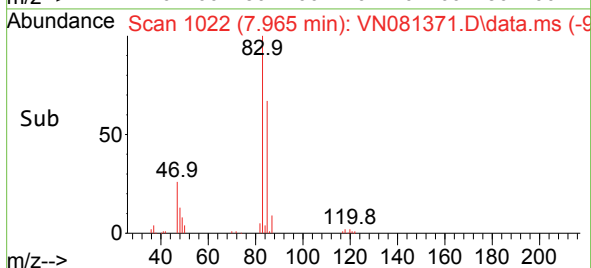
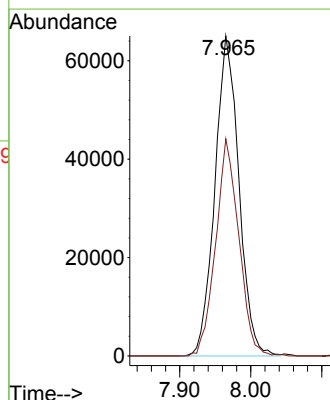
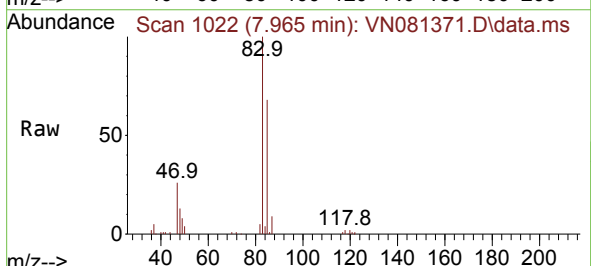
Acq: 12 Mar 2024 12:19

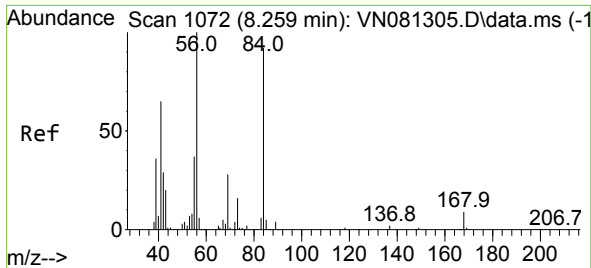
Tgt Ion: 83 Resp: 152430

Ion Ratio Lower Upper

83 100

85 67.9 51.0 76.6

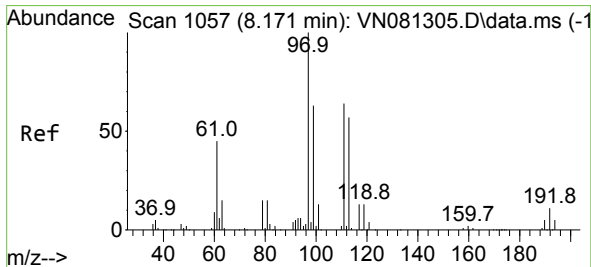
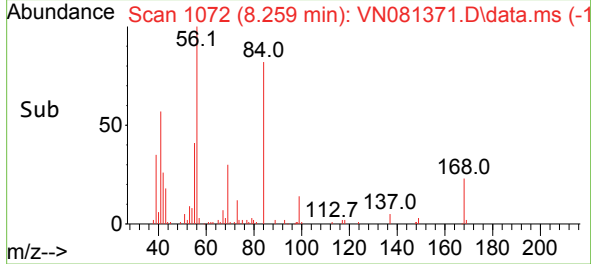
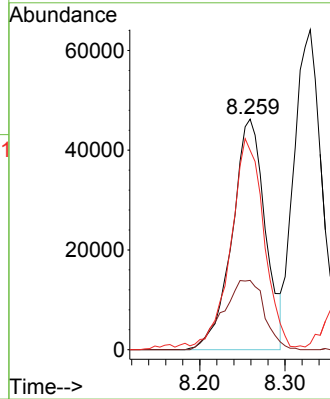
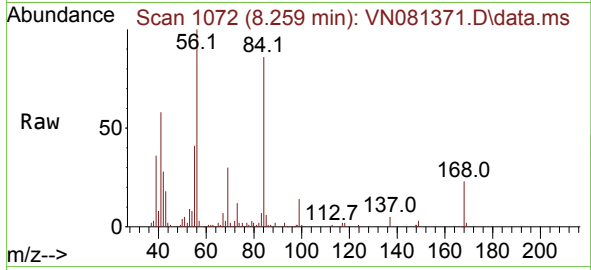




#31
Cyclohexane
Concen: 18.000 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

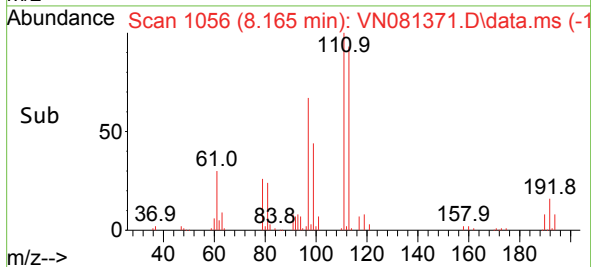
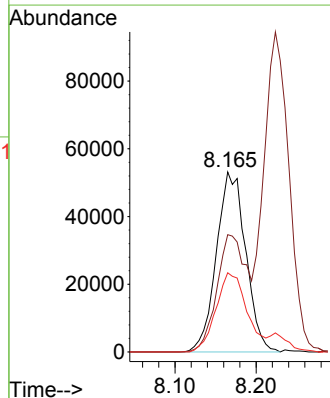
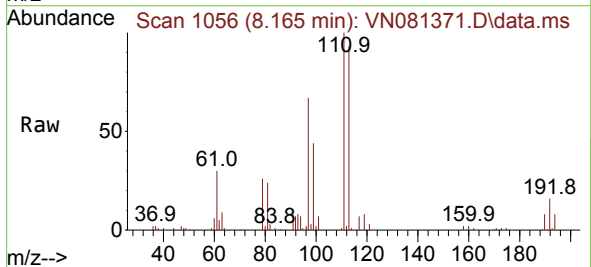
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

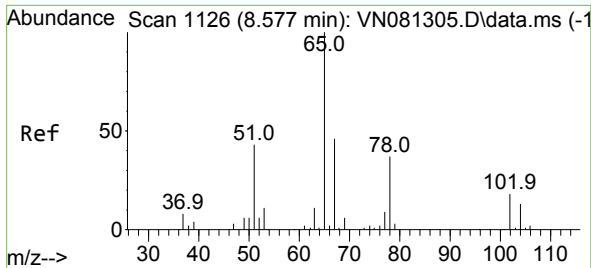
Tgt Ion:	56	Resp:	125013
Ion Ratio	Lower	Upper	
56	100		
69	30.1	20.1	30.1
84	84.4	56.9	85.3



#32
1,1,1-Trichloroethane
Concen: 19.454 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:	97	Resp:	133127
Ion Ratio	Lower	Upper	
97	100		
99	66.5	53.4	80.0
61	46.8	43.8	65.8





#33

1,2-Dichloroethane-d4

Concen: 52.694 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

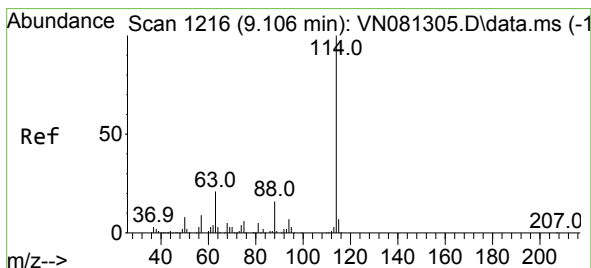
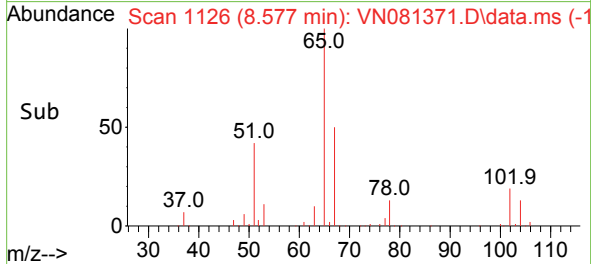
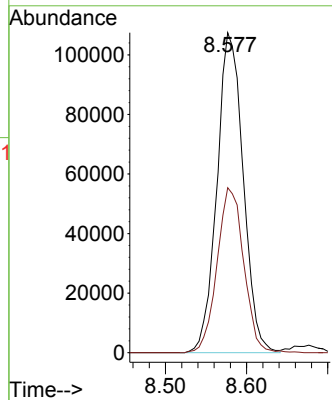
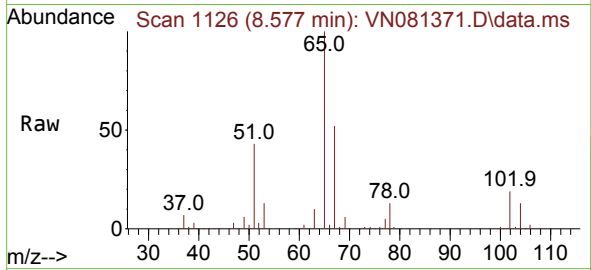
VN0312WBSD01

Tgt Ion: 65 Resp: 241724

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

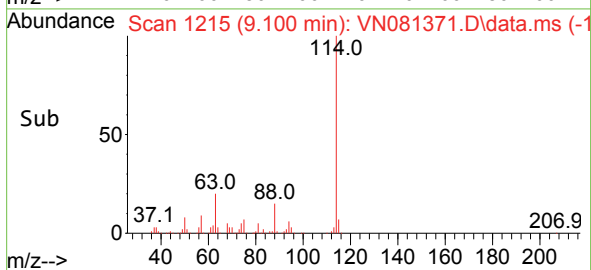
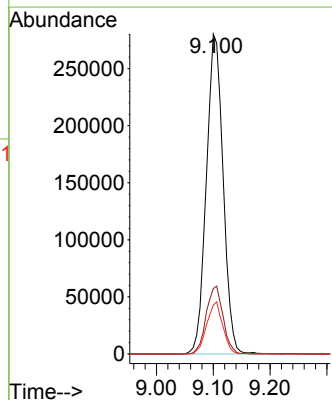
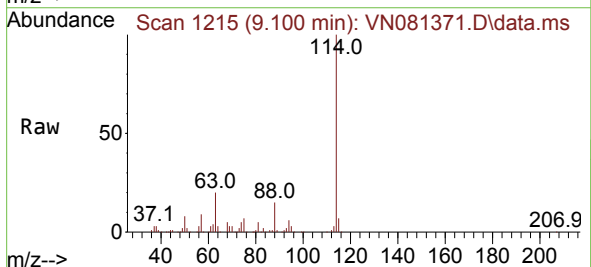
Tgt Ion: 114 Resp: 573180

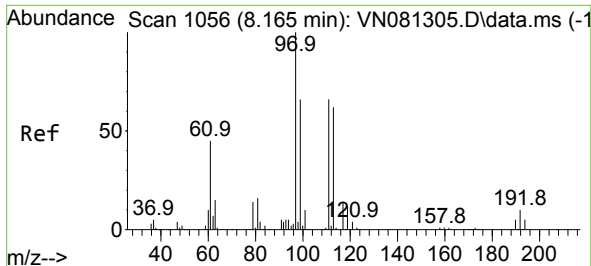
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.2 0.0 34.8

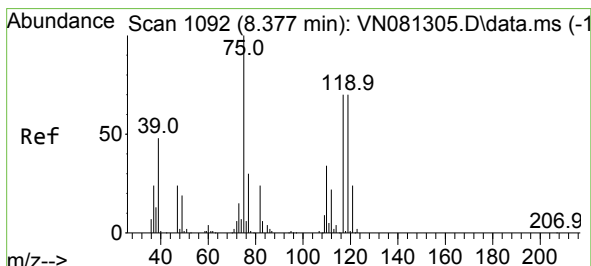
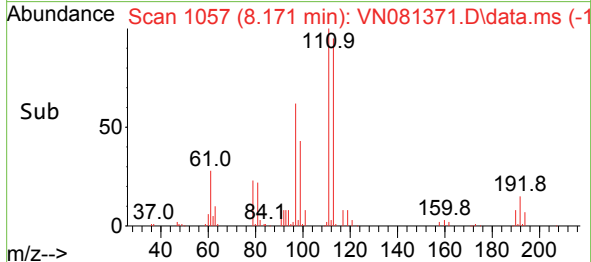
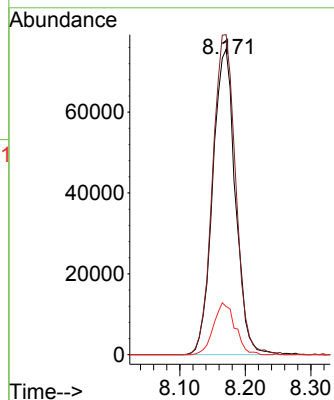
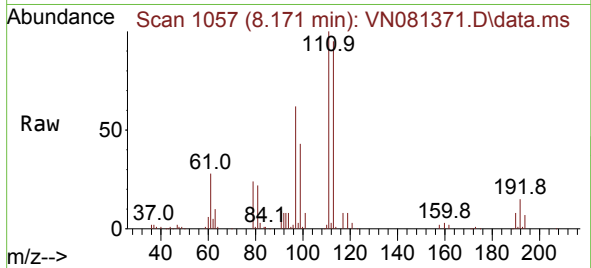




#35
 Dibromofluoromethane
 Concen: 51.554 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

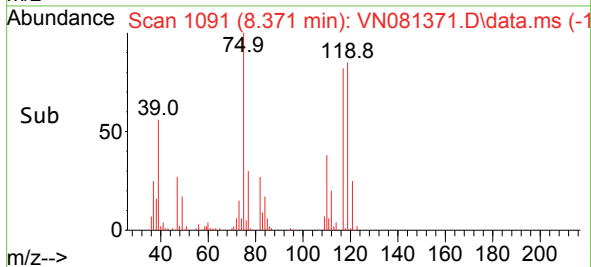
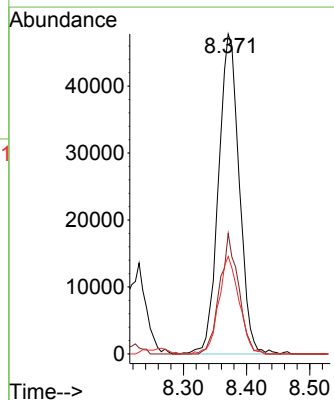
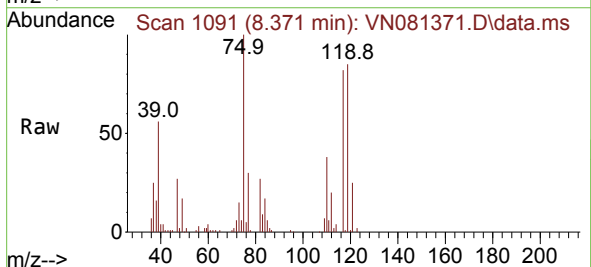
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

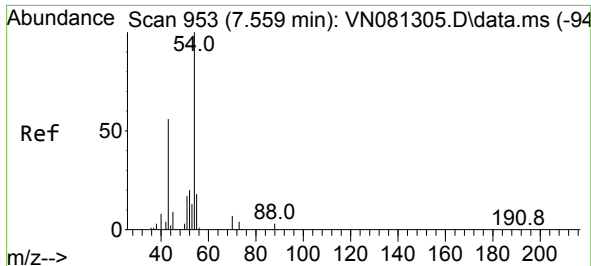
Tgt Ion:113 Resp: 181042
 Ion Ratio Lower Upper
 113 100
 111 106.7 82.2 123.4
 192 16.2 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 19.220 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

Tgt Ion: 75 Resp: 108892
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.0 48.0
 77 30.0 25.8 38.6

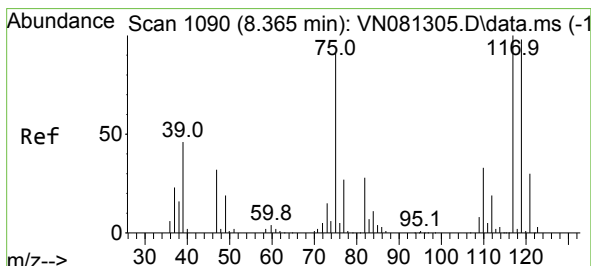
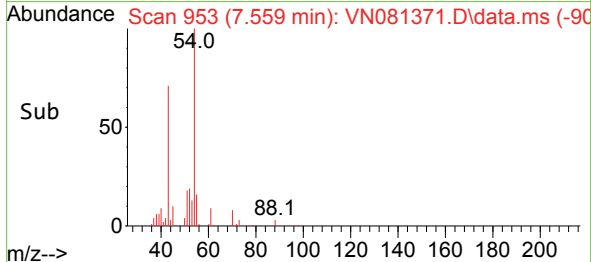
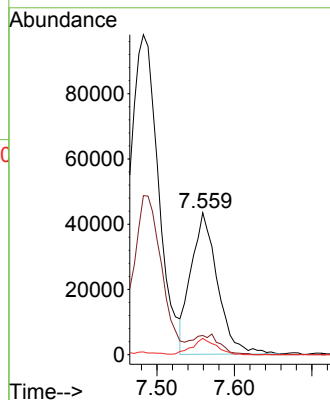
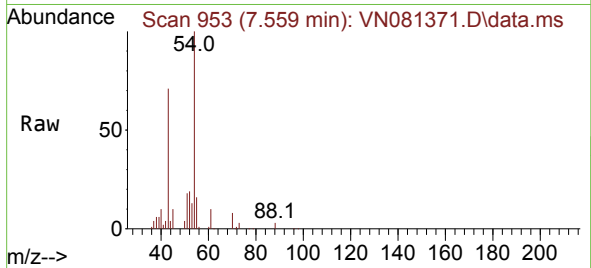




#37
Ethyl Acetate
Concen: 18.563 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

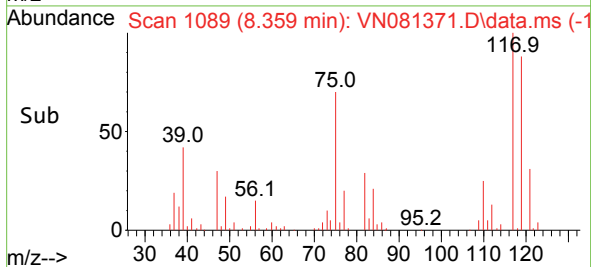
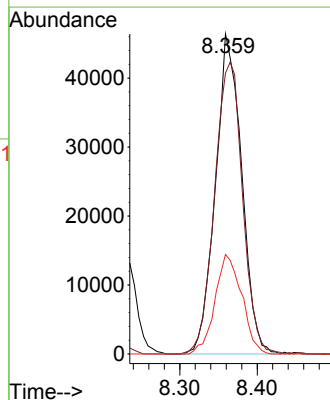
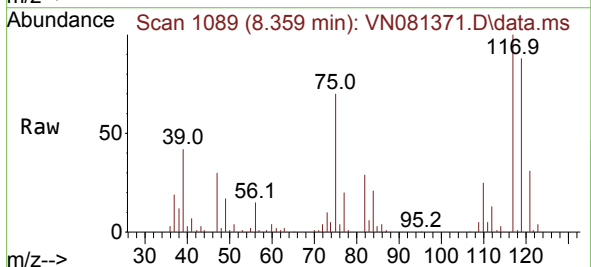
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

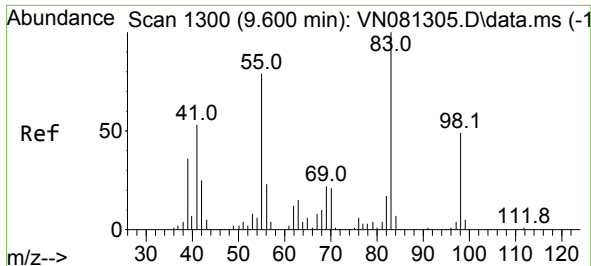
Tgt Ion: 43 Resp: 102805
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 10.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.119 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 117 Resp: 109017
Ion Ratio Lower Upper
117 100
119 87.8 73.4 110.2
121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 18.279 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

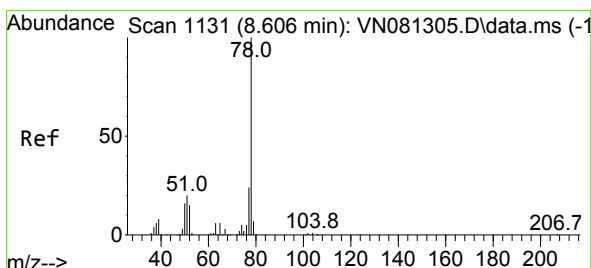
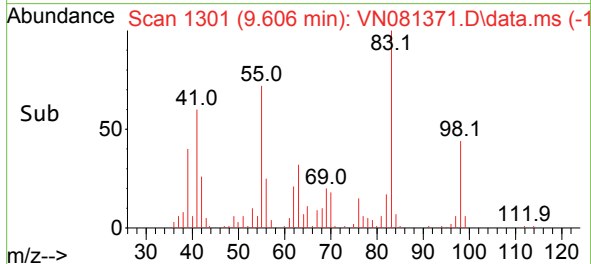
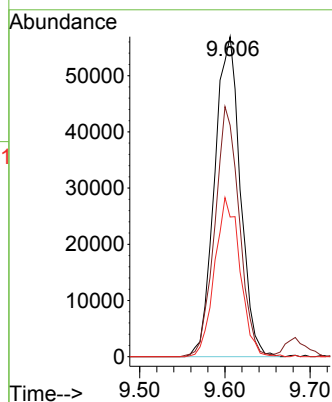
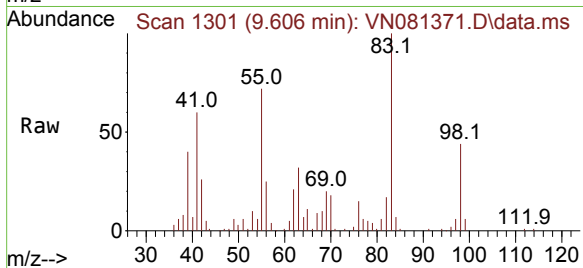
Tgt Ion: 83 Resp: 119182

Ion Ratio Lower Upper

83 100

55 72.3 65.7 98.5

98 43.6 33.8 50.6



#40

Benzene

Concen: 18.815 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081371.D

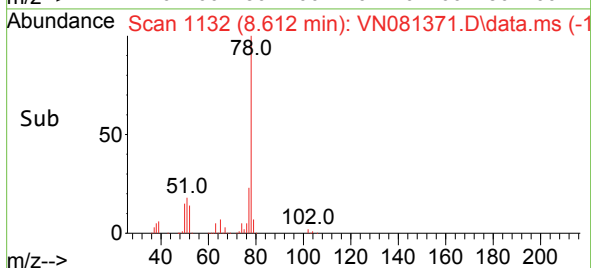
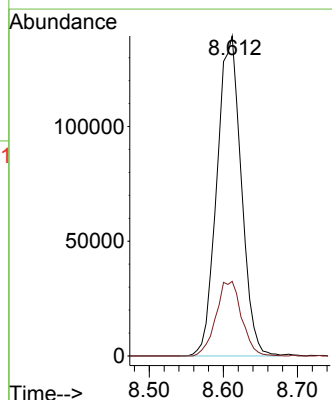
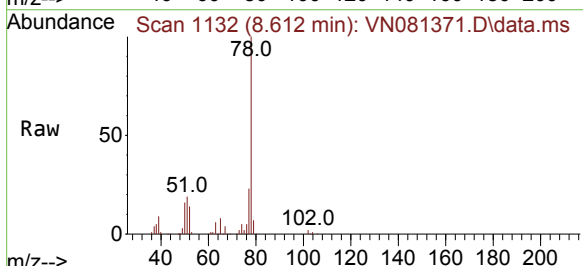
Acq: 12 Mar 2024 12:19

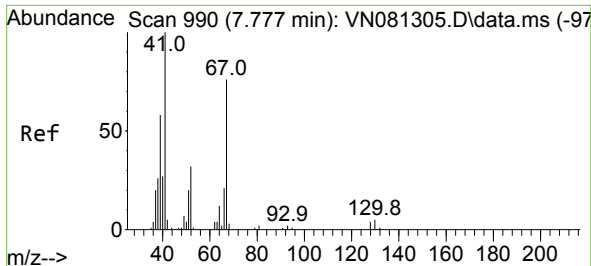
Tgt Ion: 78 Resp: 318169

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

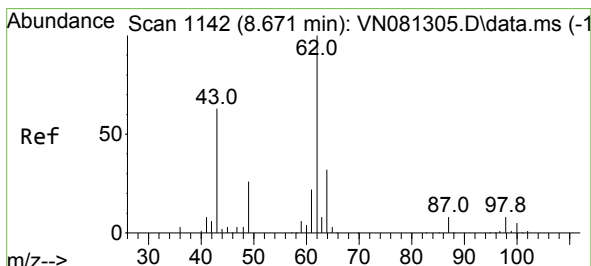
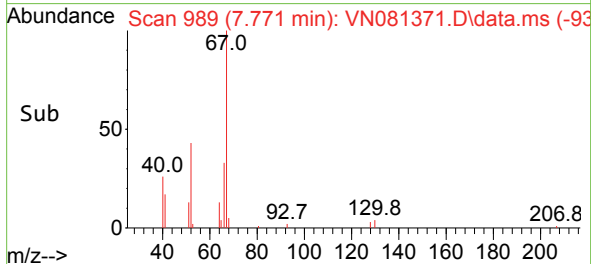
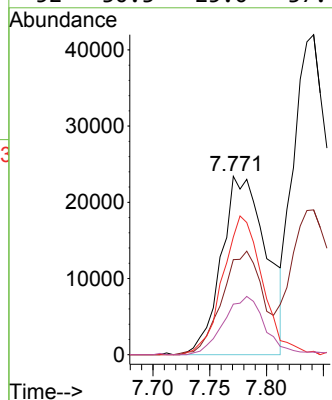
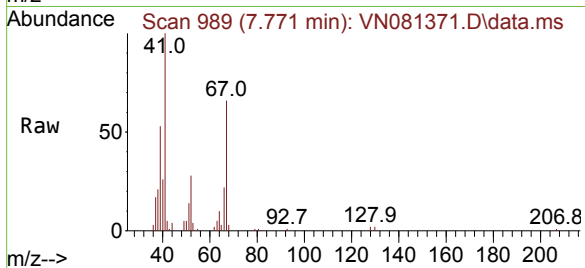




#41
Methacrylonitrile
Concen: 20.591 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

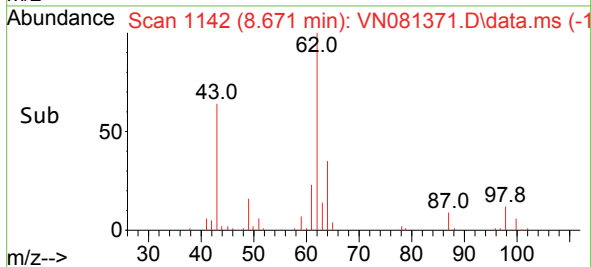
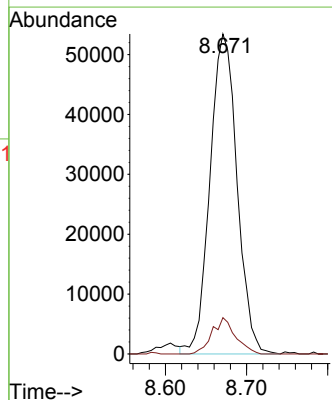
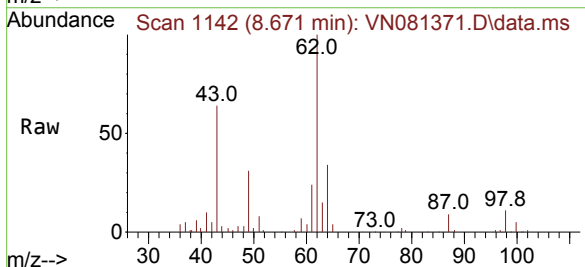
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

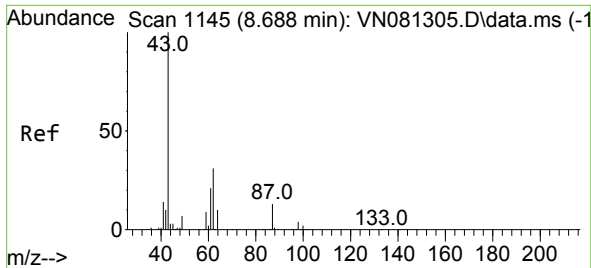
Tgt Ion:	41	Resp:	64398
Ion	Ratio	Lower	Upper
41	100		
39	52.4	48.4	72.6
67	68.9	56.8	85.2
52	30.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.780 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:	62	Resp:	123901
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0

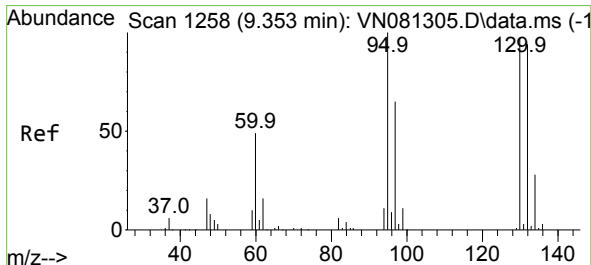
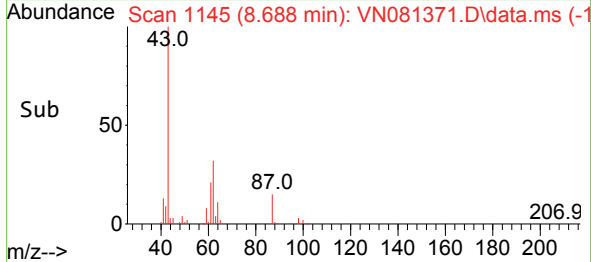
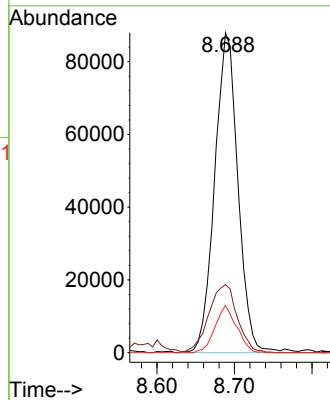
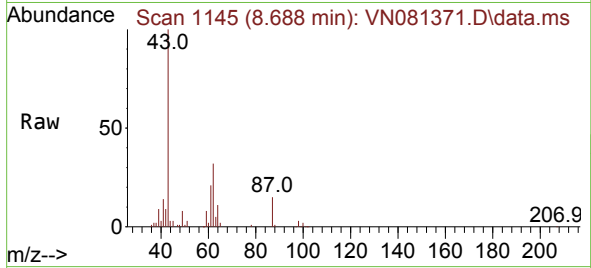




#43
Isopropyl Acetate
Concen: 18.901 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

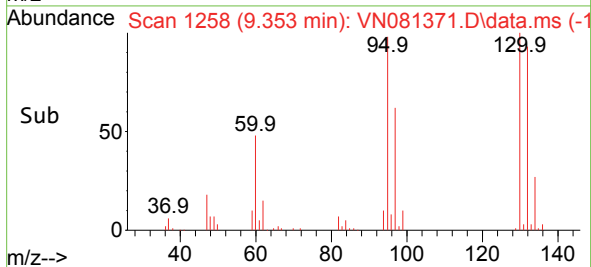
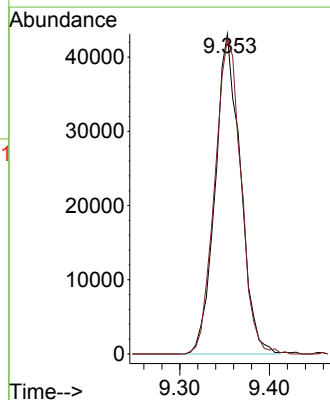
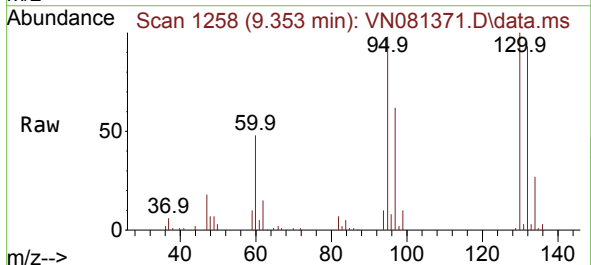
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

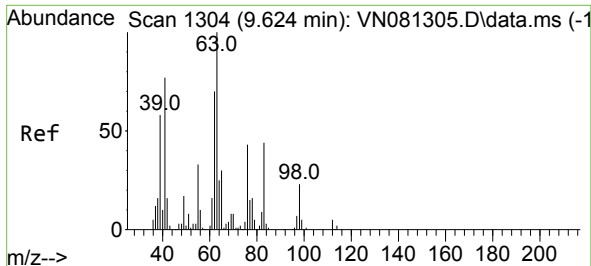
Tgt Ion: 43 Resp: 183216
Ion Ratio Lower Upper
43 100
61 26.1 19.9 29.9
87 13.7 9.0 13.6#



#44
Trichloroethene
Concen: 19.749 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:130 Resp: 84230
Ion Ratio Lower Upper
130 100
95 98.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.617 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

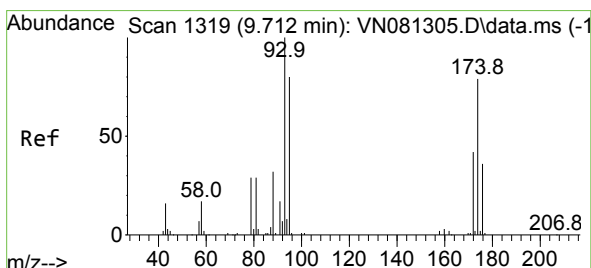
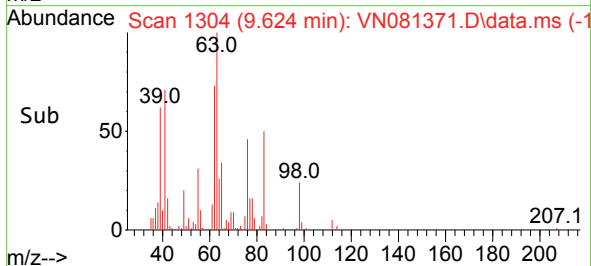
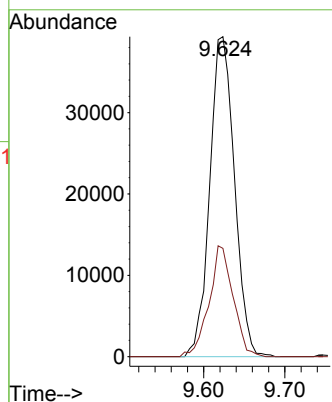
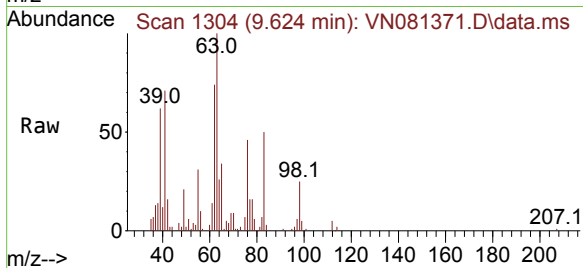
VN0312WBSD01

Tgt Ion: 63 Resp: 83337

Ion Ratio Lower Upper

63 100

65 33.8 26.1 39.1



#46

Dibromomethane

Concen: 19.762 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

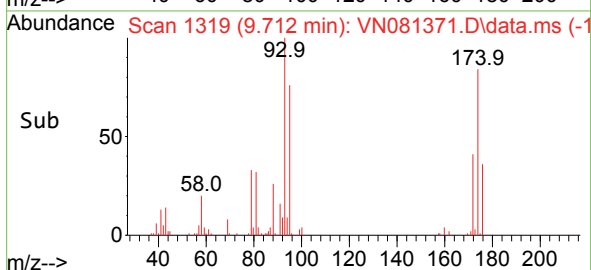
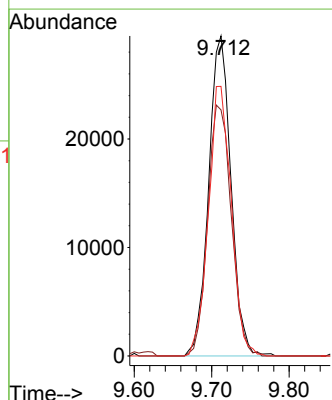
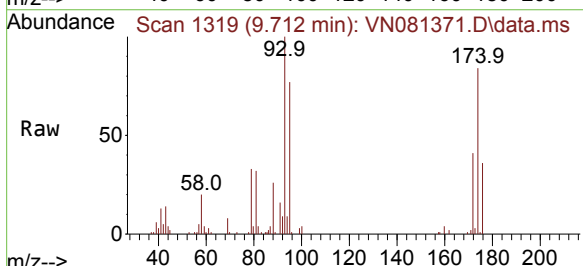
Tgt Ion: 93 Resp: 59175

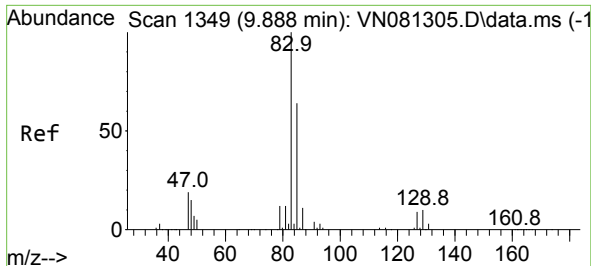
Ion Ratio Lower Upper

93 100

95 82.7 68.1 102.1

174 86.0 57.2 85.8#





#47

Bromodichloromethane

Concen: 20.149 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

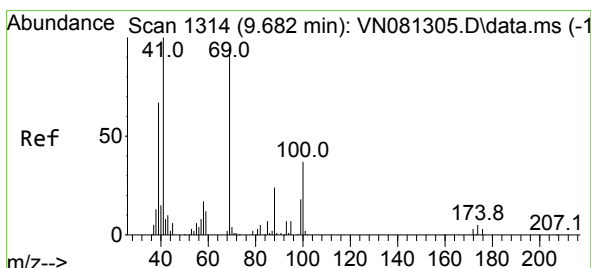
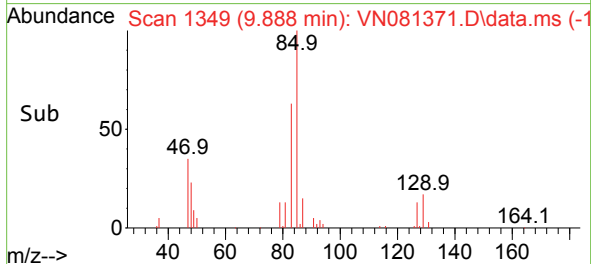
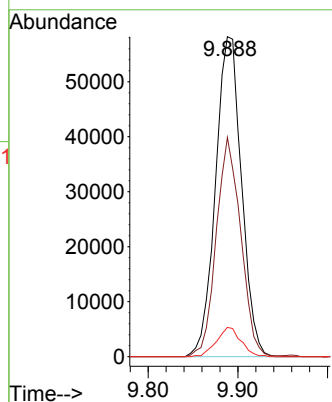
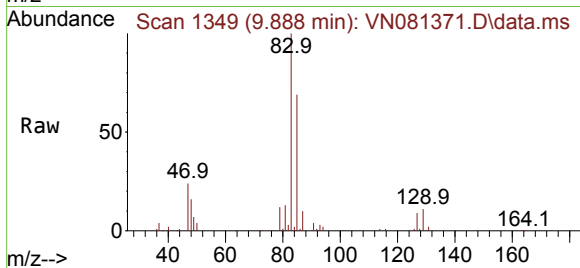
Tgt Ion: 83 Resp: 117122

Ion Ratio Lower Upper

83 100

85 68.5 52.3 78.5

127 9.1 4.6 7.0#



#48

Methyl methacrylate

Concen: 19.715 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

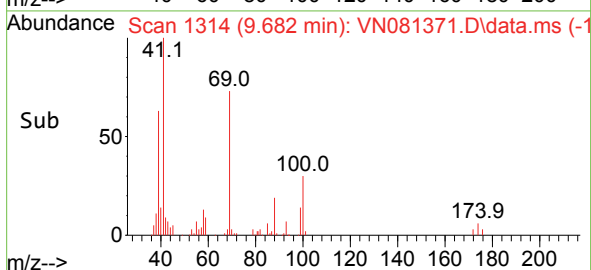
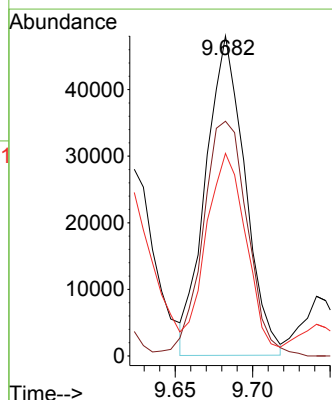
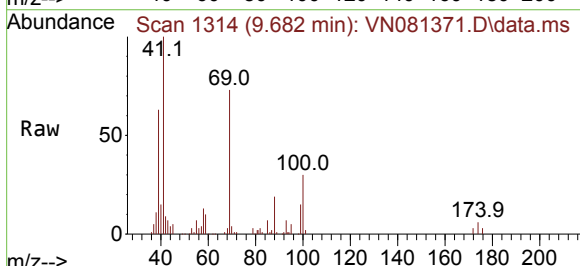
Tgt Ion: 41 Resp: 84471

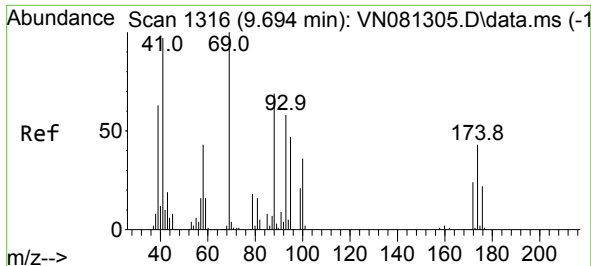
Ion Ratio Lower Upper

41 100

69 83.5 62.2 93.2

39 66.0 47.6 71.4





#49

1,4-Dioxane

Concen: 371.076 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

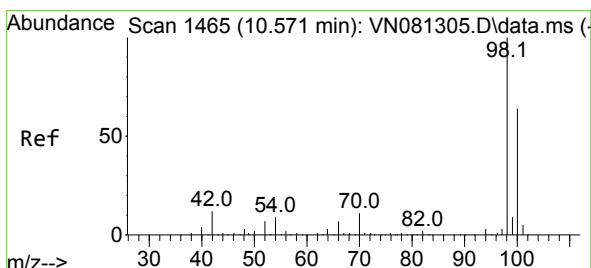
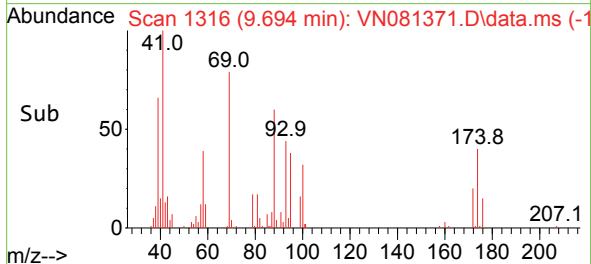
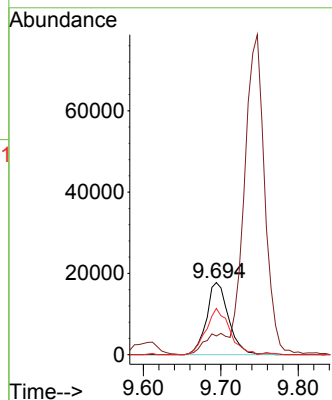
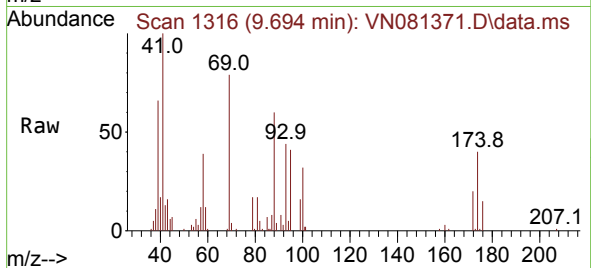
Tgt Ion: 88 Resp: 35044

Ion Ratio Lower Upper

88 100

43 28.5 30.1 45.1#

58 69.1 63.9 95.9



#50

Toluene-d8

Concen: 51.632 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081371.D

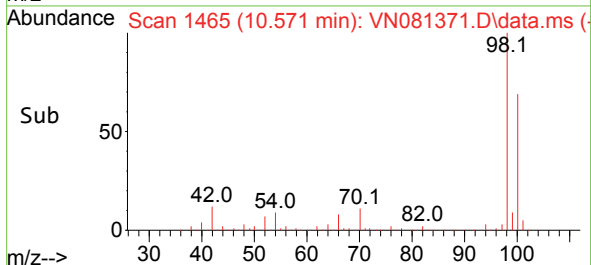
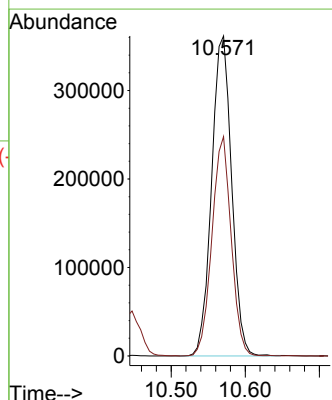
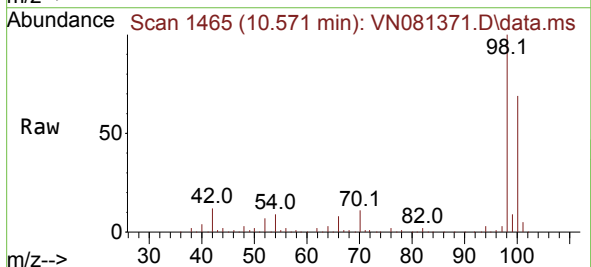
Acq: 12 Mar 2024 12:19

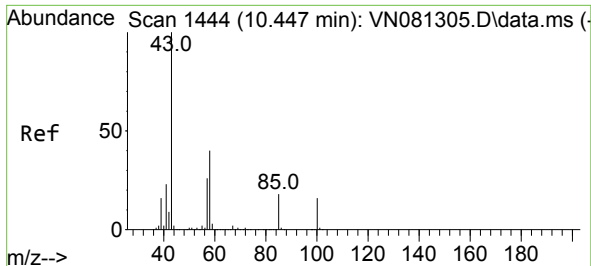
Tgt Ion: 98 Resp: 677798

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

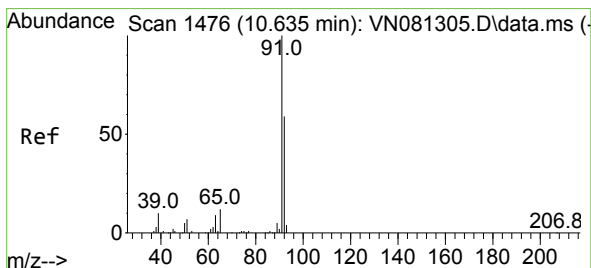
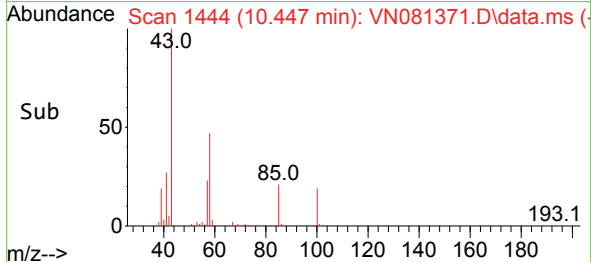
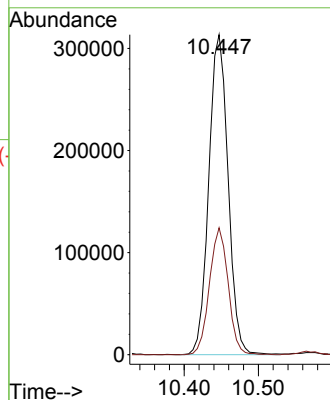
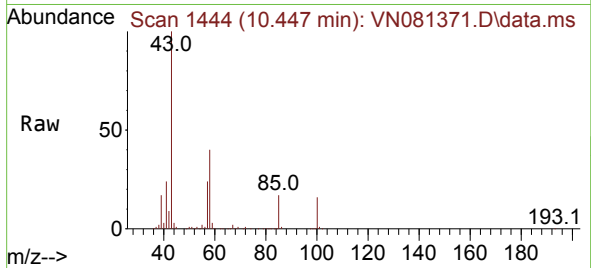




#51
4-Methyl-2-Pentanone
Concen: 100.786 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

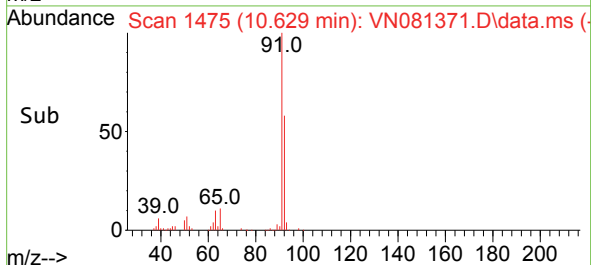
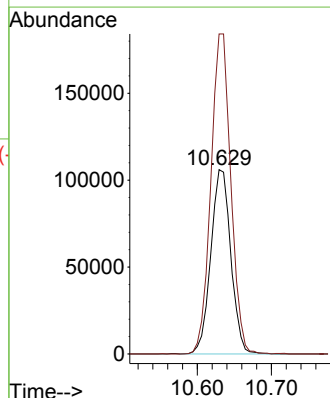
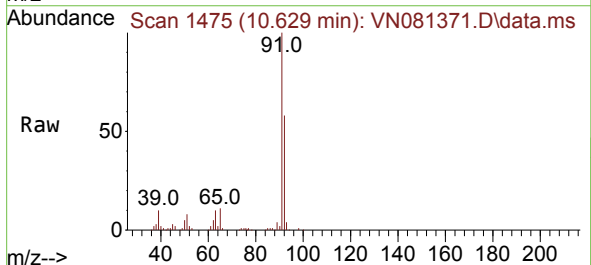
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

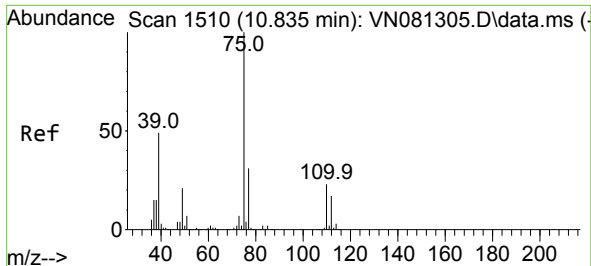
Tgt Ion: 43 Resp: 567269
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0



#52
Toluene
Concen: 19.504 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 92 Resp: 199241
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0

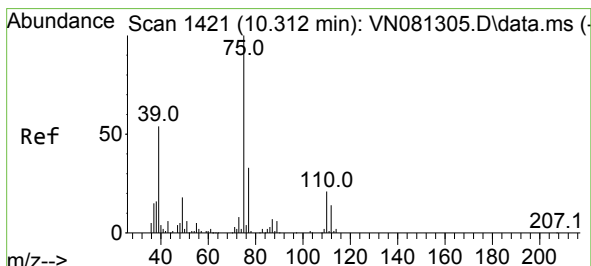
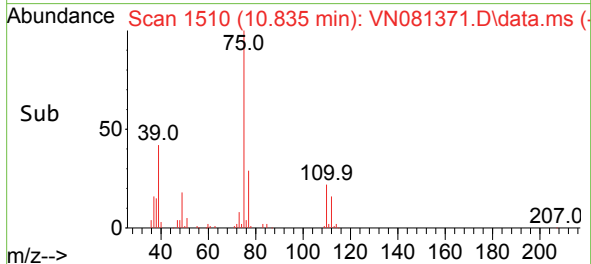
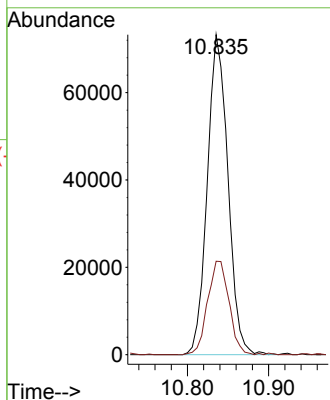
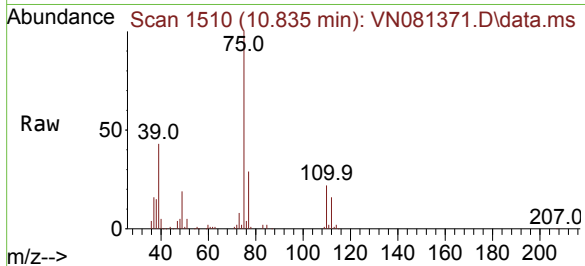




#53
t-1,3-Dichloropropene
Concen: 20.539 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

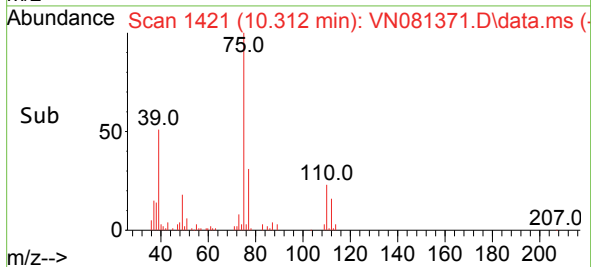
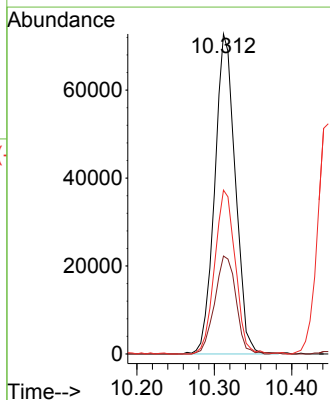
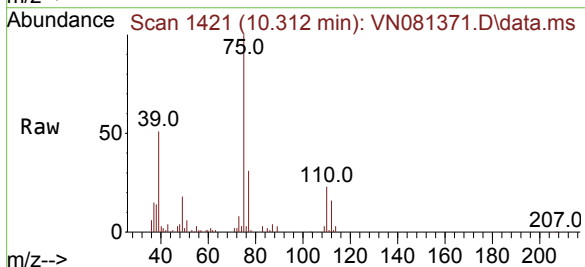
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

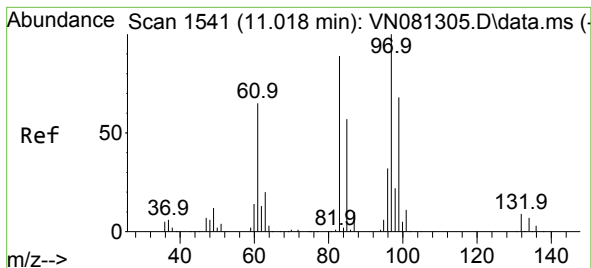
Tgt Ion: 75 Resp: 129182
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.849 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 75 Resp: 134769
Ion Ratio Lower Upper
75 100
77 30.6 23.3 34.9
39 51.2 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 19.610 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

Tgt Ion: 97 Resp: 79438

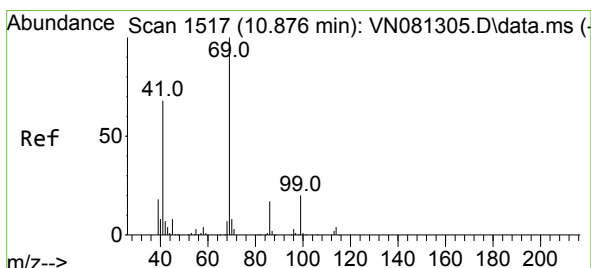
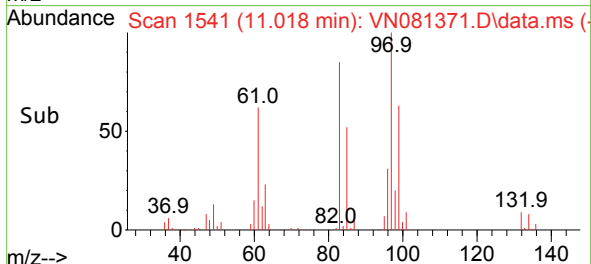
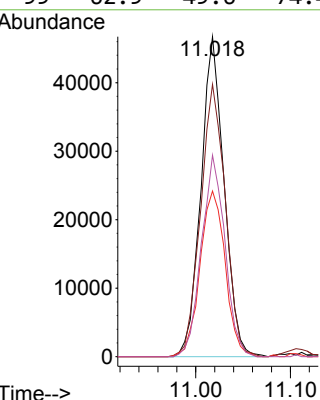
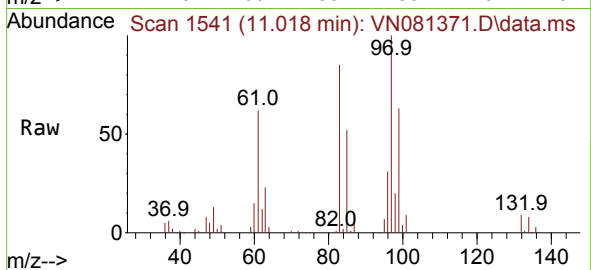
Ion Ratio Lower Upper

97 100

83 85.1 72.9 109.3

85 51.8 50.2 75.2

99 62.9 49.6 74.4



#56

Ethyl methacrylate

Concen: 20.611 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

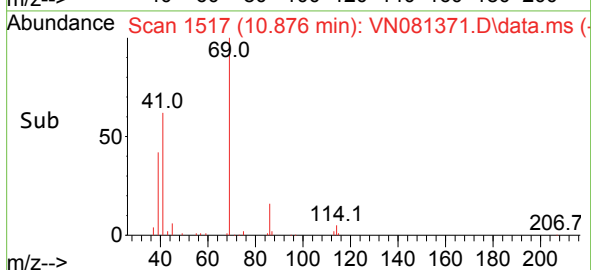
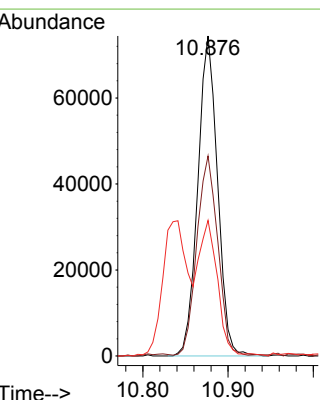
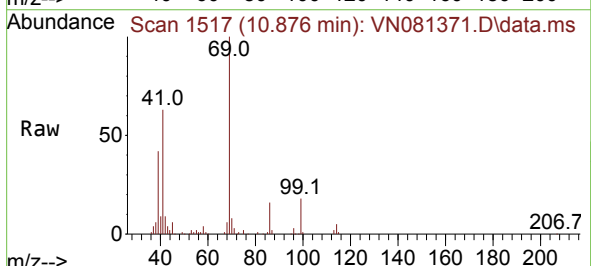
Tgt Ion: 69 Resp: 119889

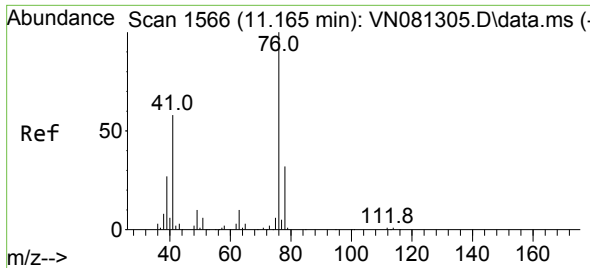
Ion Ratio Lower Upper

69 100

41 65.8 61.0 91.6

39 39.0 31.8 47.6

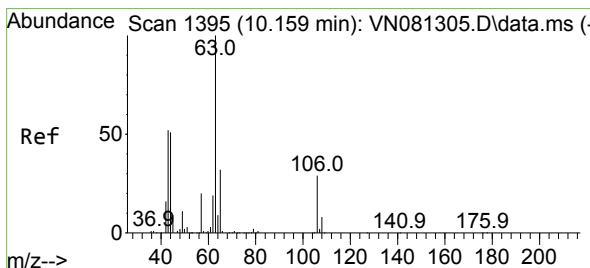
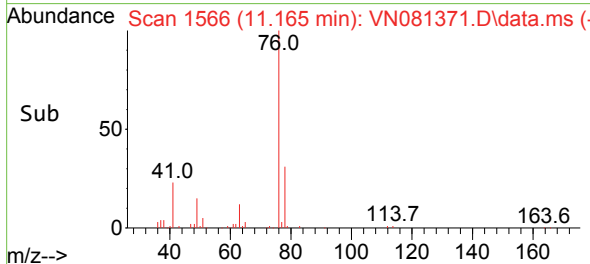
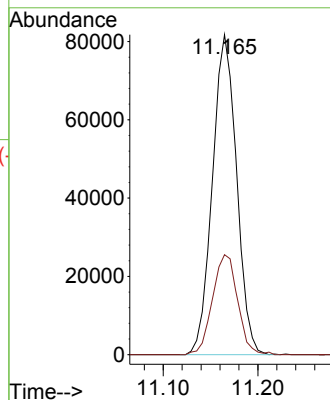
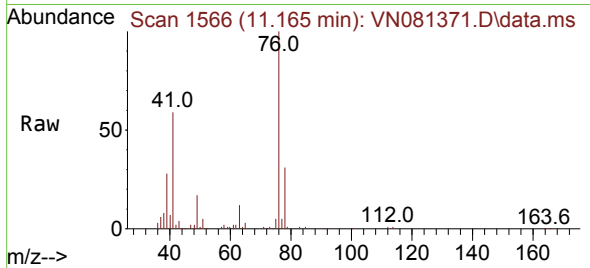




#57
1,3-Dichloropropane
Concen: 20.495 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

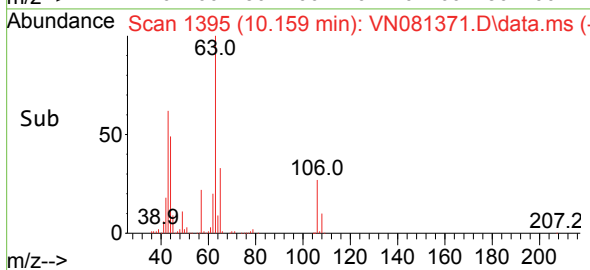
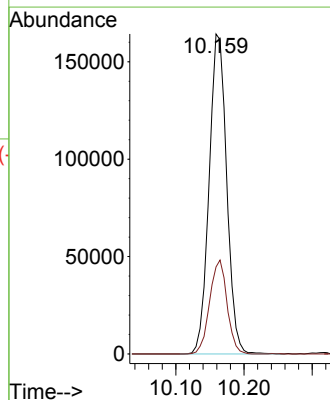
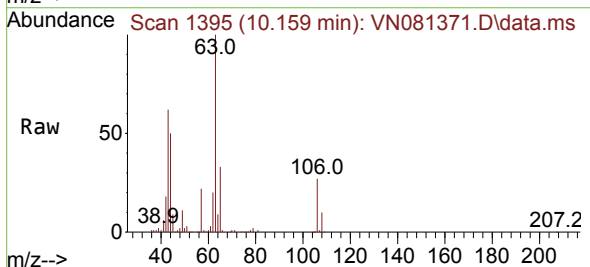
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

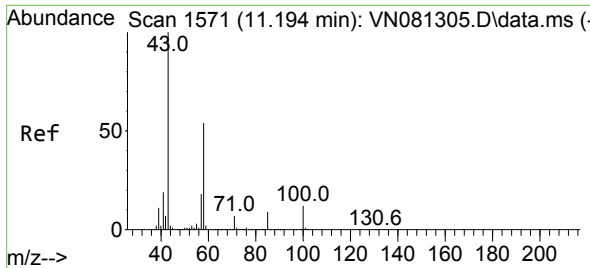
Tgt Ion: 76 Resp: 144901
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 94.337 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 63 Resp: 295177
Ion Ratio Lower Upper
63 100
106 29.0 18.6 28.0#

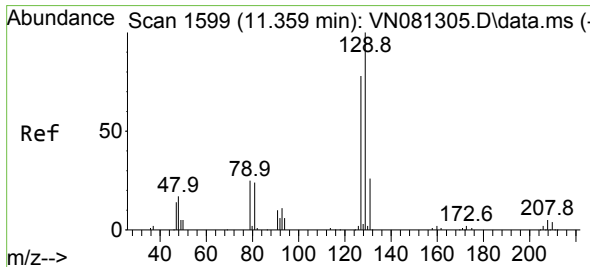
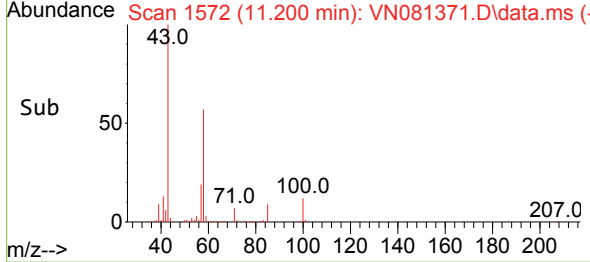
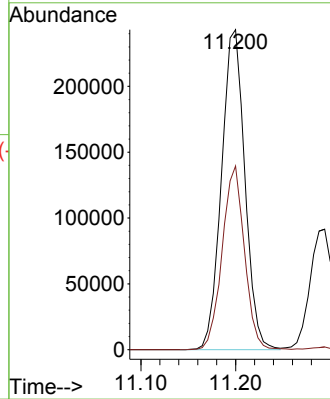
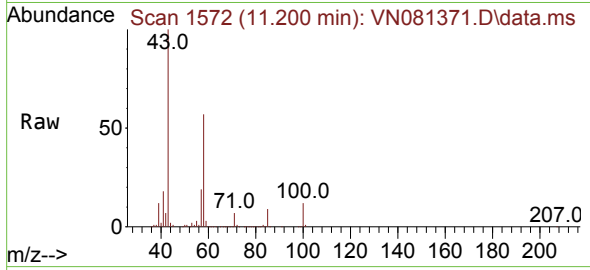




#59
2-Hexanone
Concen: 99.136 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

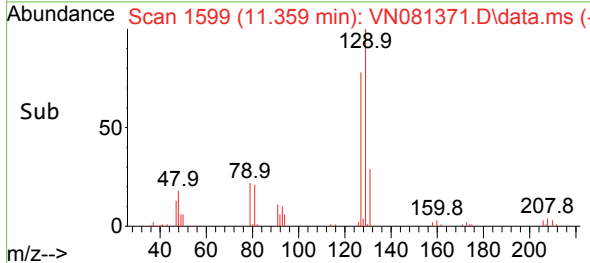
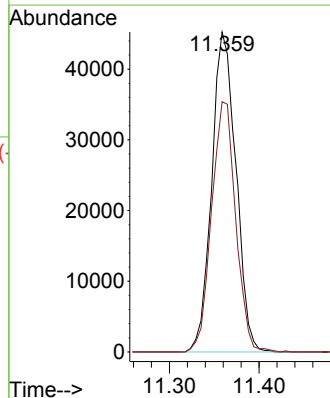
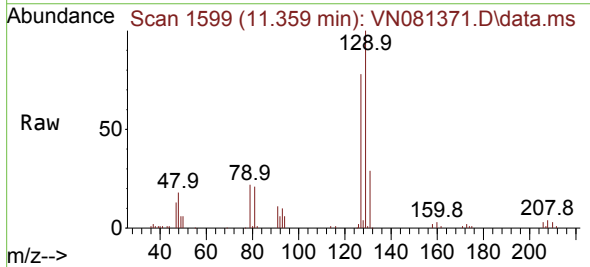
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

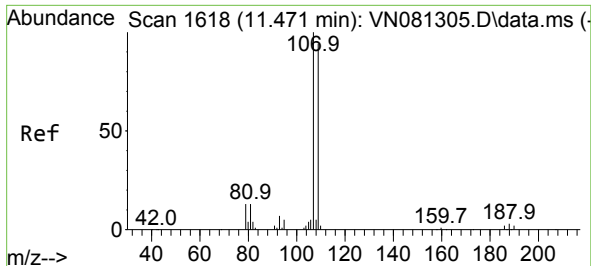
Tgt Ion: 43 Resp: 417138
Ion Ratio Lower Upper
43 100
58 54.7 25.9 77.8



#60
Dibromochloromethane
Concen: 20.303 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 129 Resp: 84705
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2

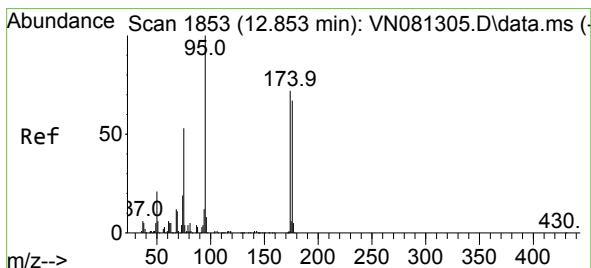
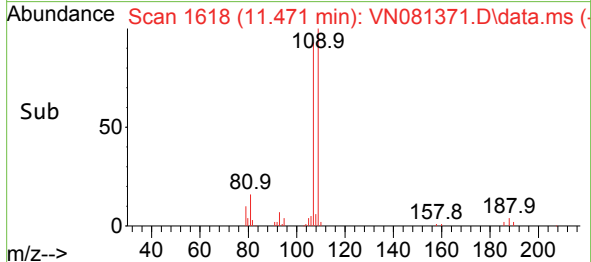
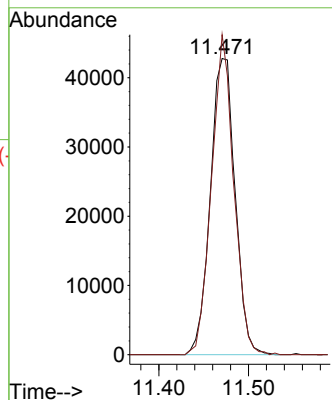
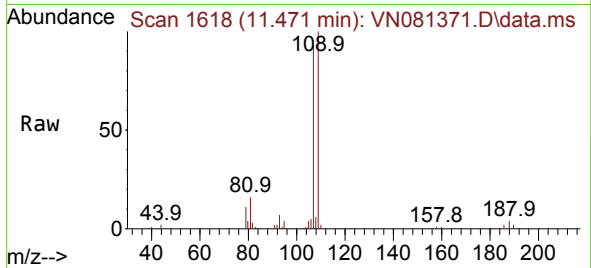




#61
1,2-Dibromoethane
Concen: 19.541 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

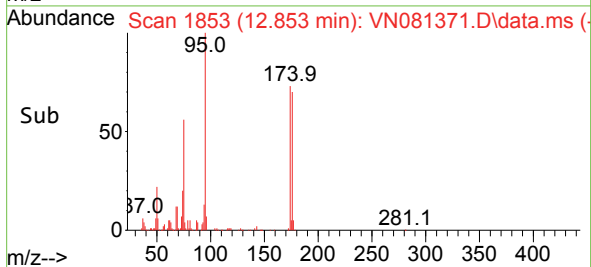
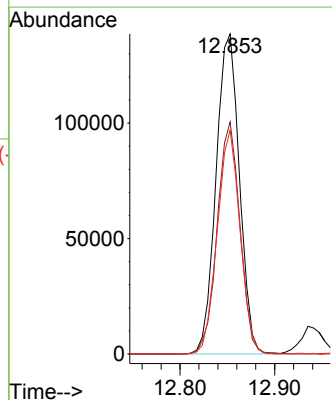
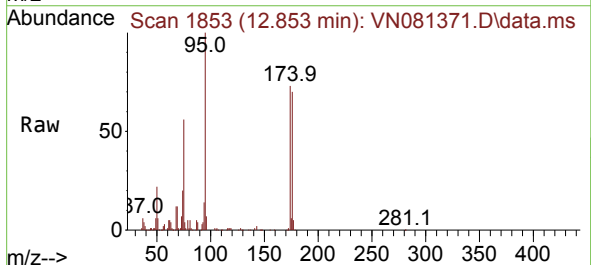
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

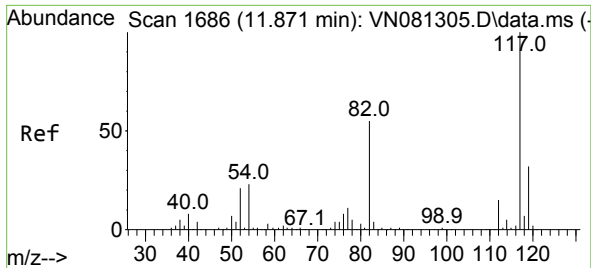
Tgt Ion:107 Resp: 82136
Ion Ratio Lower Upper
107 100
109 97.1 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.281 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 95 Resp: 237933
Ion Ratio Lower Upper
95 100
174 70.3 0.0 120.4
176 68.1 0.0 121.0

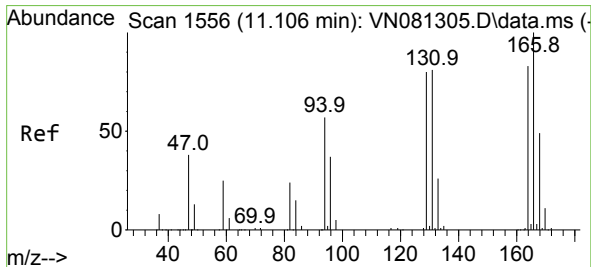
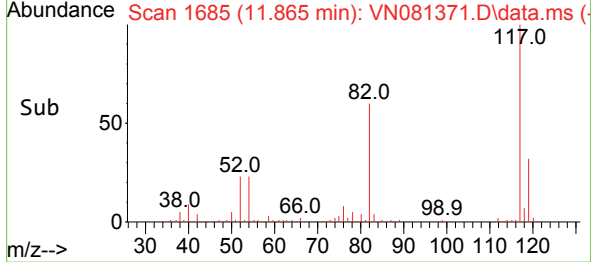
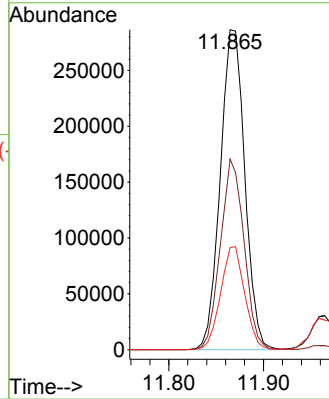
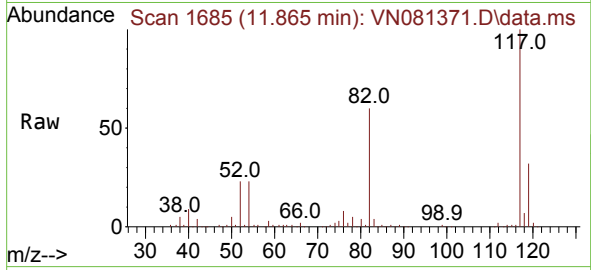




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

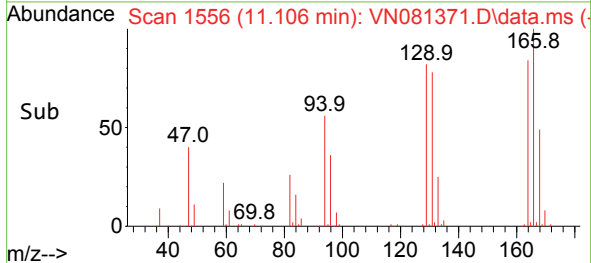
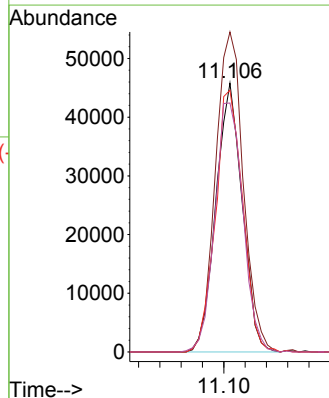
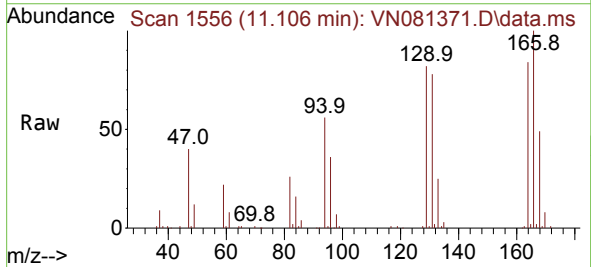
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

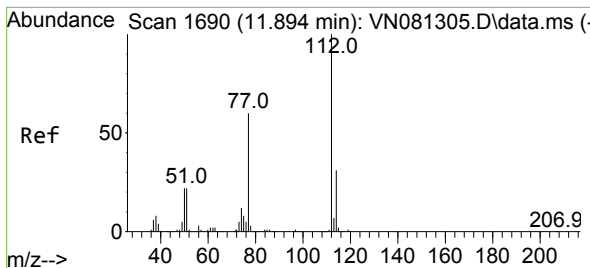
Tgt Ion:117 Resp: 515545
Ion Ratio Lower Upper
117 100
82 59.5 52.7 79.1
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 19.471 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:164 Resp: 78600
Ion Ratio Lower Upper
164 100
166 119.1 105.8 158.6
129 97.4 89.6 134.4
131 92.6 84.9 127.3

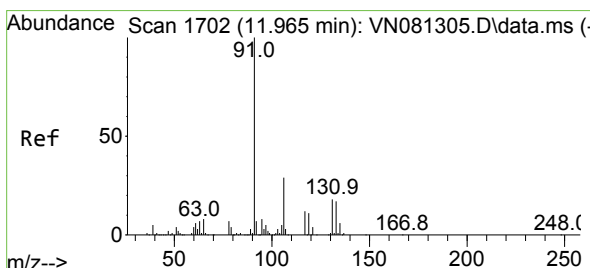
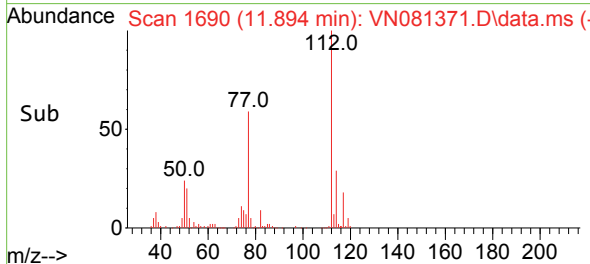
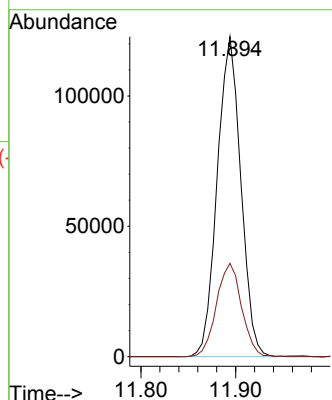
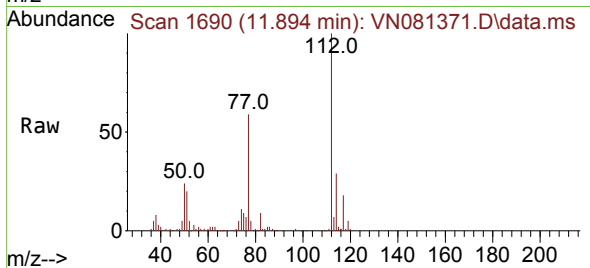




#65
Chlorobenzene
Concen: 19.544 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

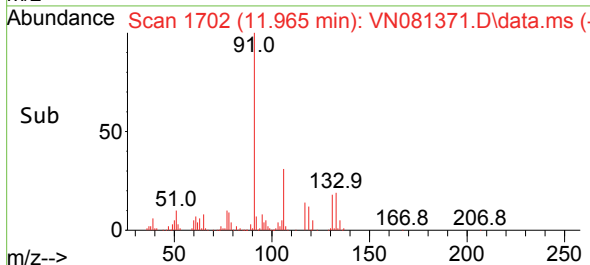
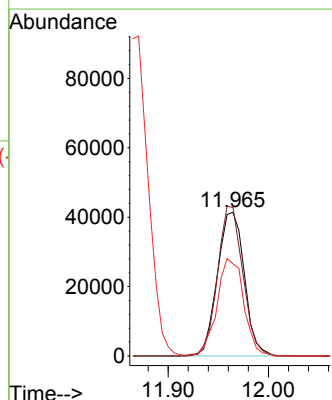
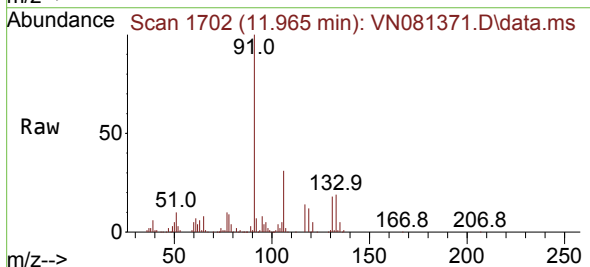
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

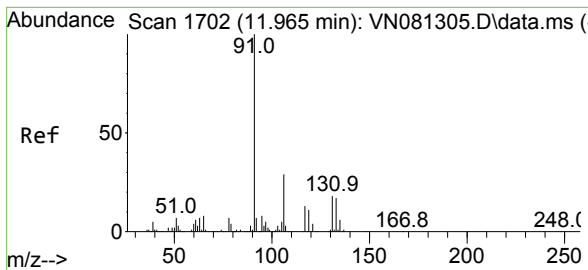
Tgt Ion:112 Resp: 212319
Ion Ratio Lower Upper
112 100
114 29.1 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.401 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:131 Resp: 77128
Ion Ratio Lower Upper
131 100
133 98.5 46.8 140.3
119 67.4 34.6 103.9

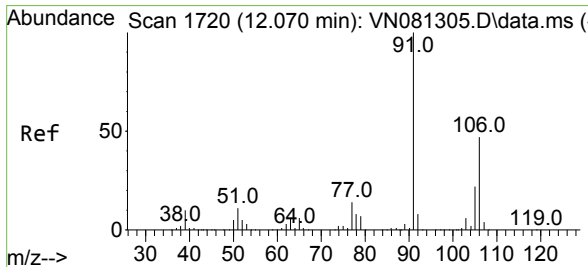
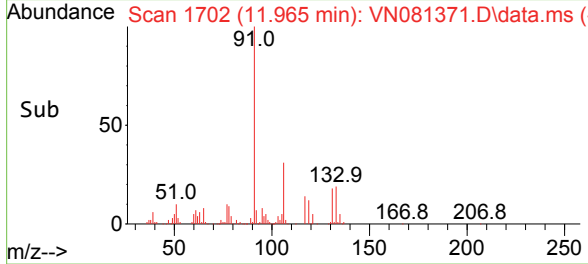
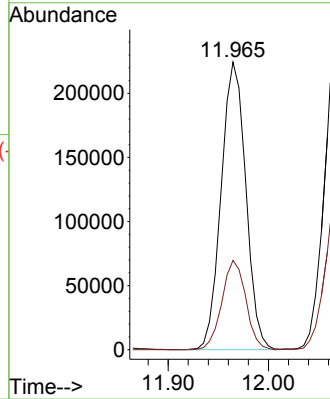
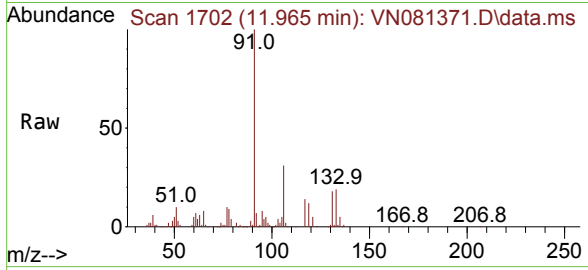




#67
Ethyl Benzene
Concen: 19.584 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

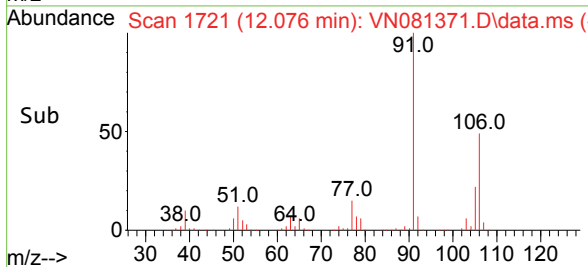
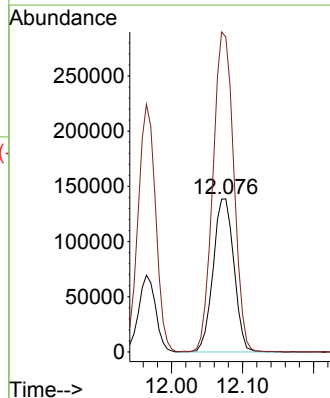
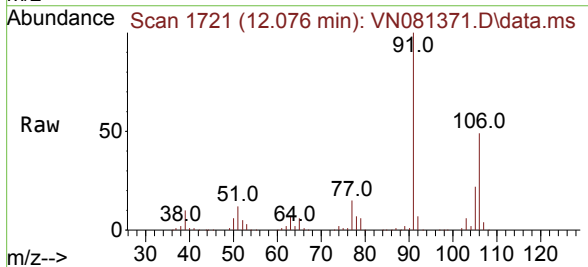
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

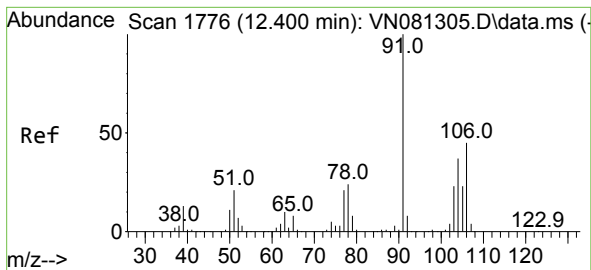
Tgt Ion: 91 Resp: 383242
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6



#68
m/p-Xylenes
Concen: 38.187 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 106 Resp: 281240
Ion Ratio Lower Upper
106 100
91 209.7 169.0 253.6





#69

o-Xylene

Concen: 19.056 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

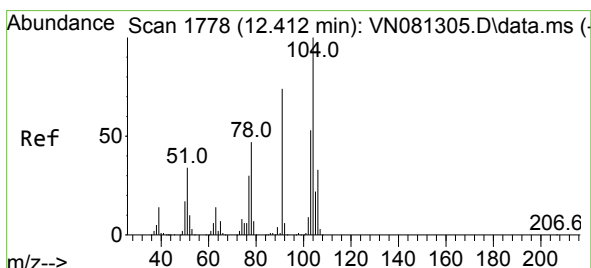
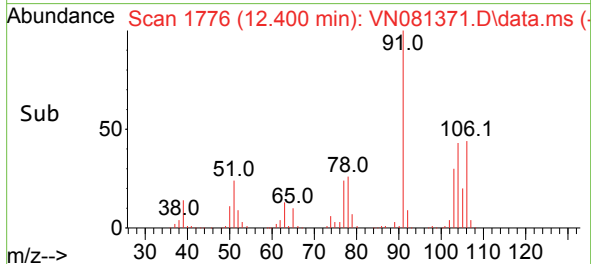
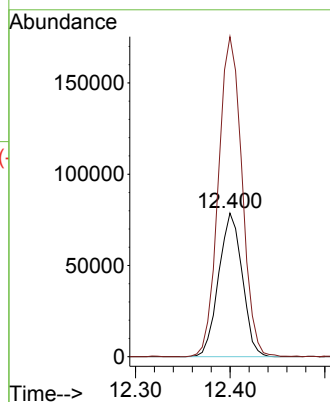
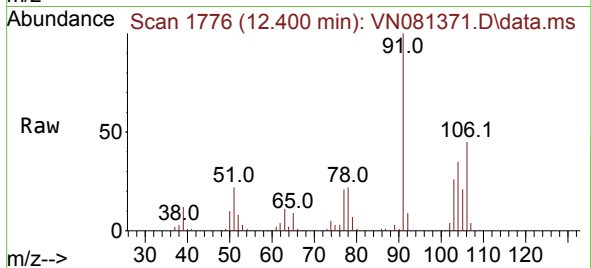
VN0312WBSD01

Tgt Ion:106 Resp: 136016

Ion Ratio Lower Upper

106 100

91 223.9 112.1 336.3



#70

Styrene

Concen: 19.947 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

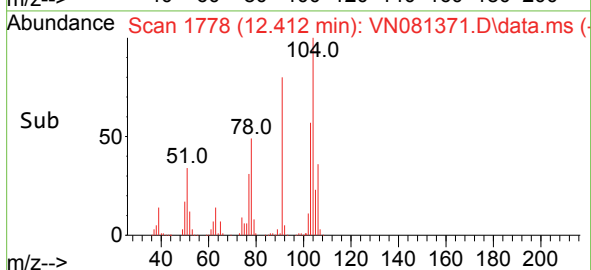
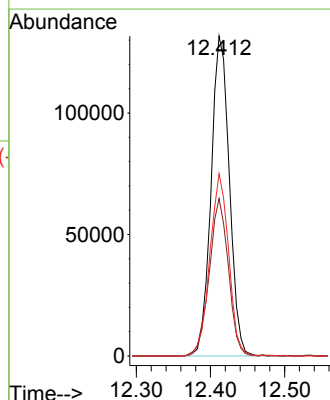
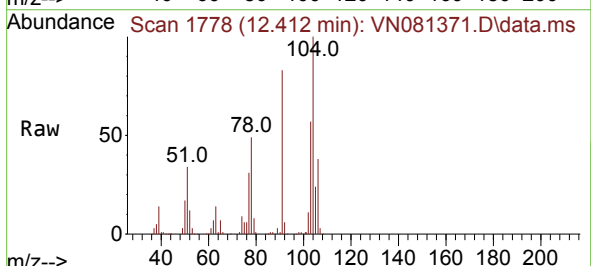
Tgt Ion:104 Resp: 225627

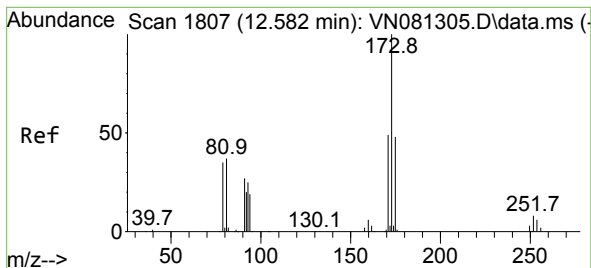
Ion Ratio Lower Upper

104 100

78 51.4 43.8 65.8

103 58.4 44.2 66.2





#71

Bromoform

Concen: 19.332 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

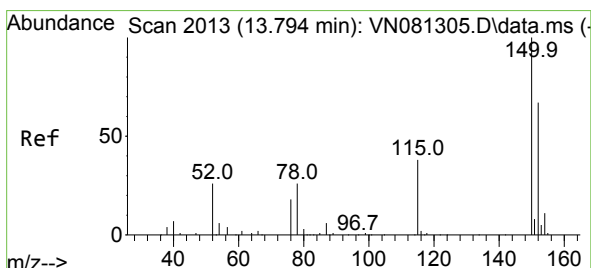
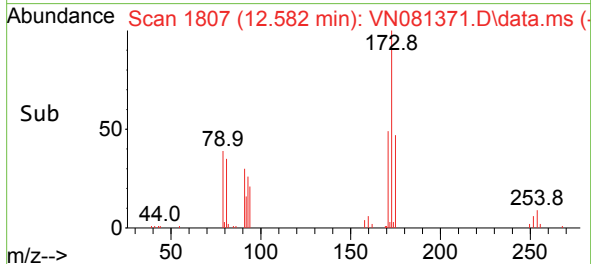
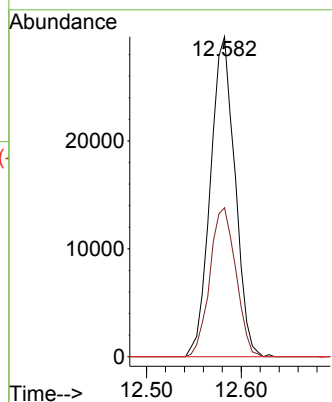
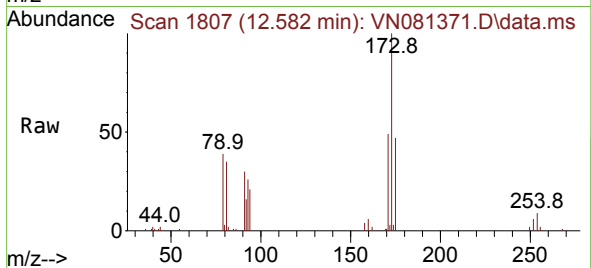
Tgt Ion:173 Resp: 53355

Ion Ratio Lower Upper

173 100

175 49.2 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: VN081371.D

Acq: 12 Mar 2024 12:19

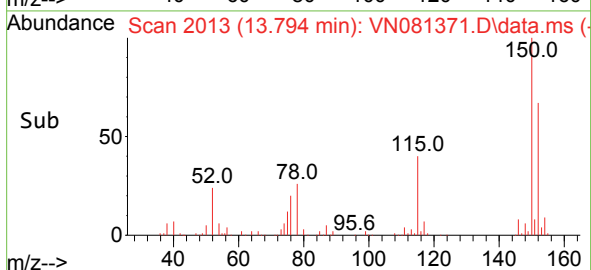
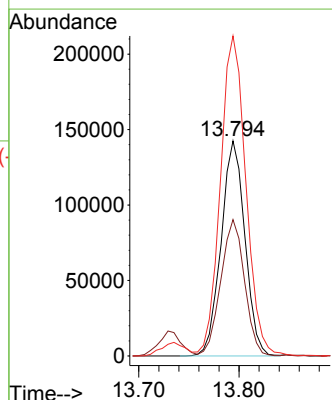
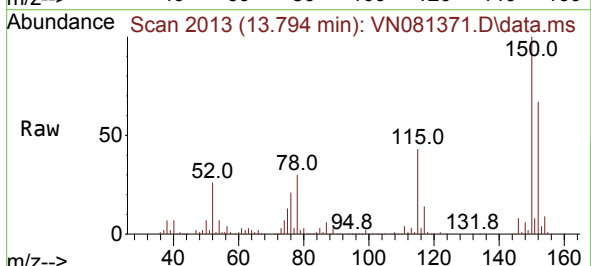
Tgt Ion:152 Resp: 234643

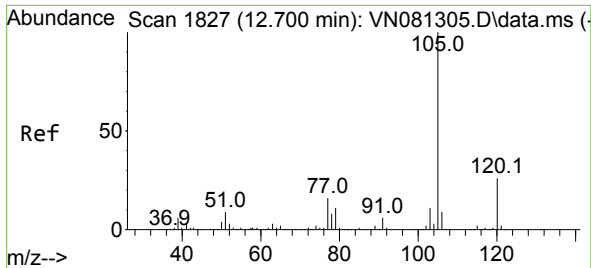
Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 159.8 0.0 339.8

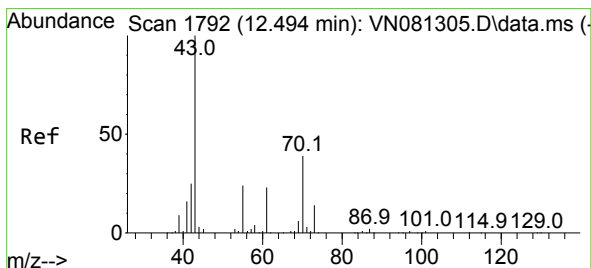
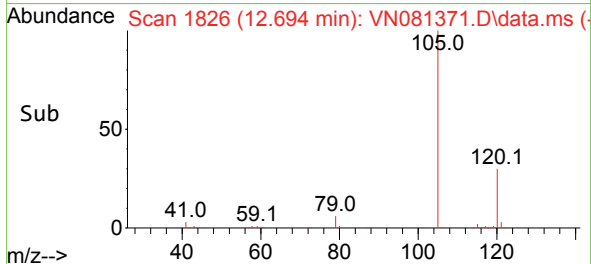
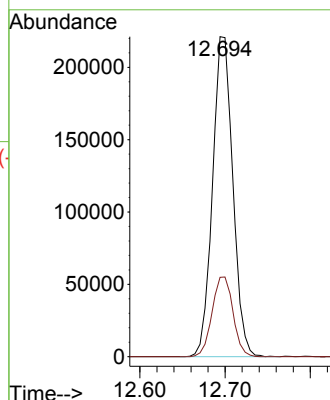
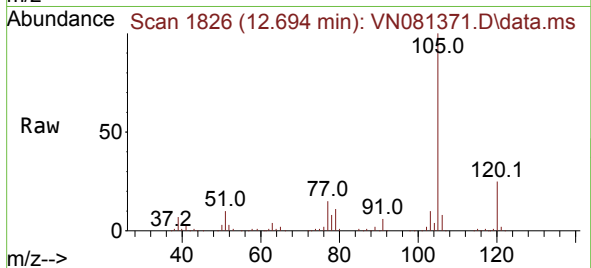




#73
Isopropylbenzene
Concen: 19.281 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

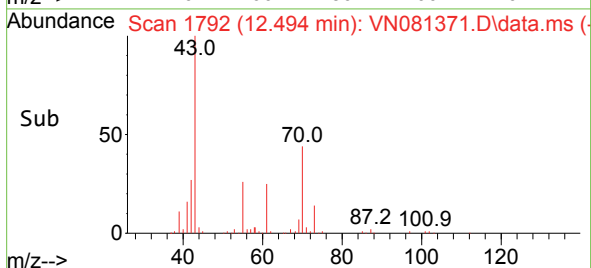
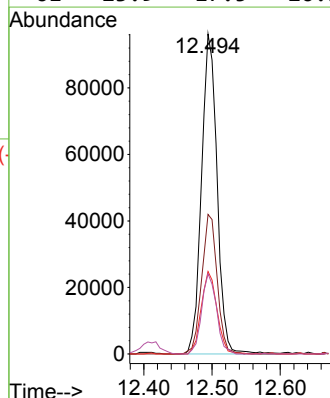
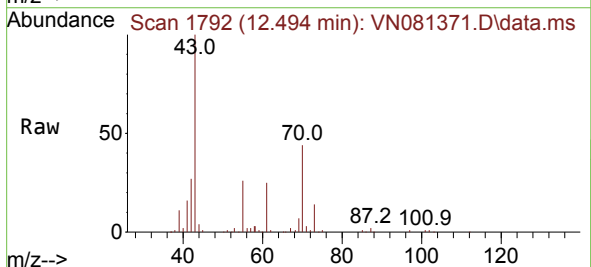
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

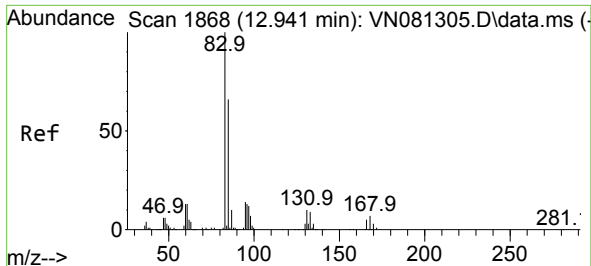
Tgt Ion:105 Resp: 365330
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6



#74
N-ethyl acetate
Concen: 19.222 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 43 Resp: 152816
Ion Ratio Lower Upper
43 100
70 43.4 30.1 45.1
55 26.0 17.0 25.4#
61 23.9 17.5 26.3

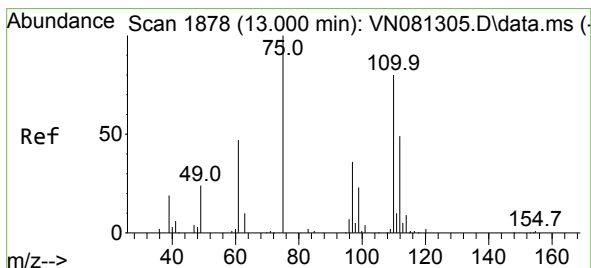
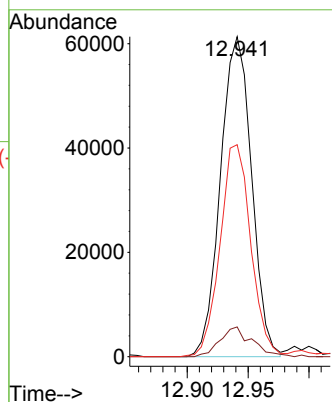
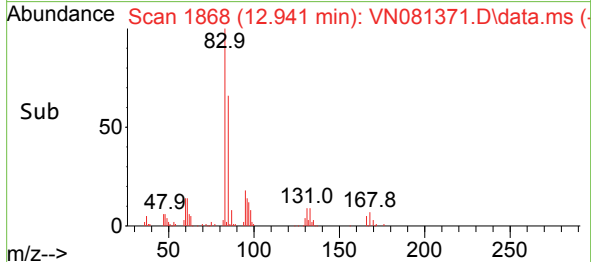
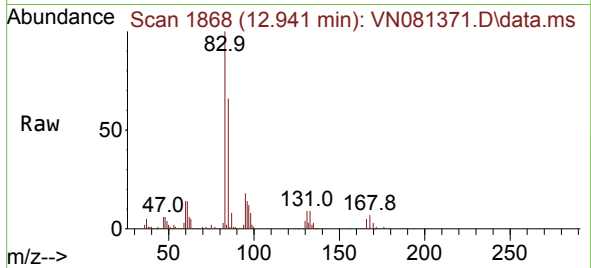




#75
1,1,2,2-Tetrachloroethane
Concen: 18.621 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

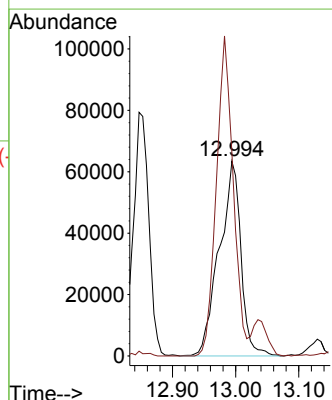
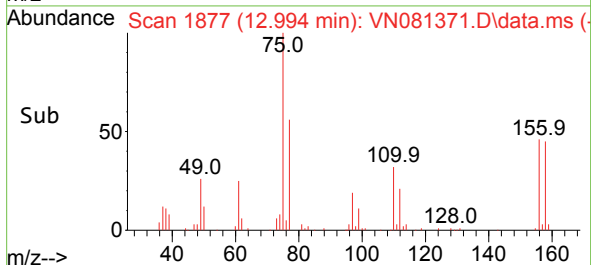
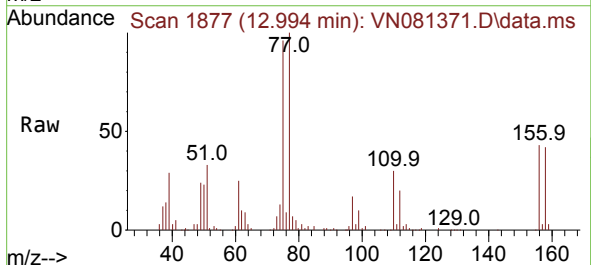
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

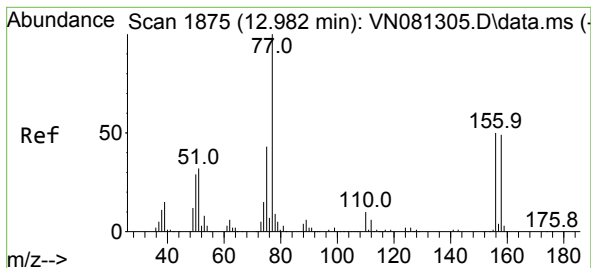
Tgt Ion: 83 Resp: 108883
Ion Ratio Lower Upper
83 100
131 9.5 4.1 12.3
85 65.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 27.275 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 75 Resp: 151163
Ion Ratio Lower Upper
75 100
77 128.0 91.0 272.8





#77

Bromobenzene

Concen: 18.500 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

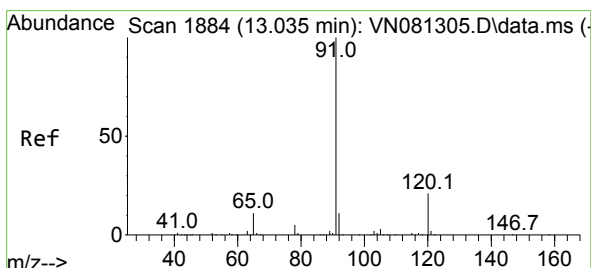
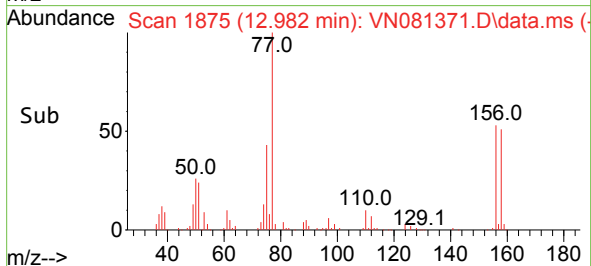
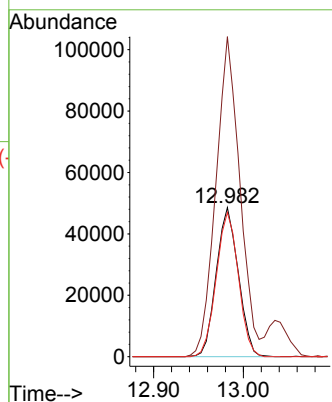
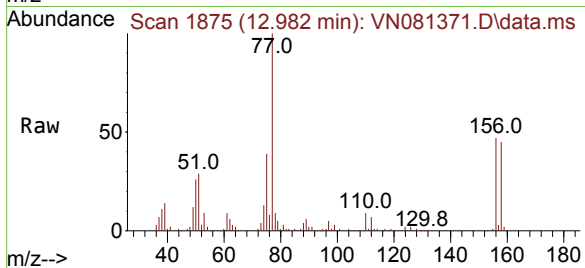
Tgt Ion:156 Resp: 83110

Ion Ratio Lower Upper

156 100

77 232.7 138.1 414.3

158 96.6 46.5 139.5



#78

n-propylbenzene

Concen: 19.775 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081371.D

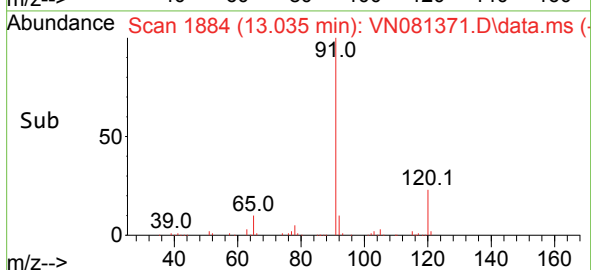
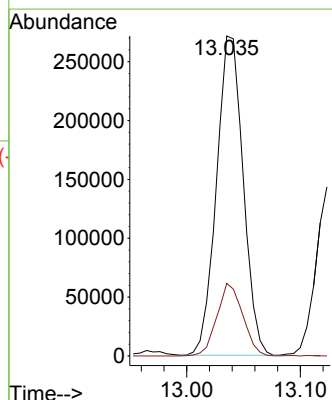
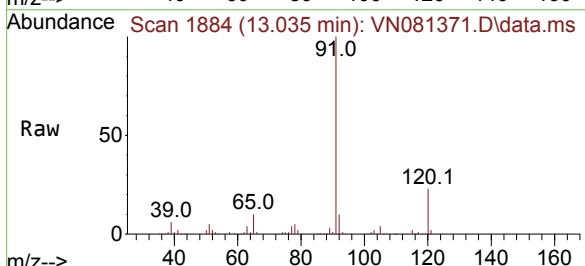
Acq: 12 Mar 2024 12:19

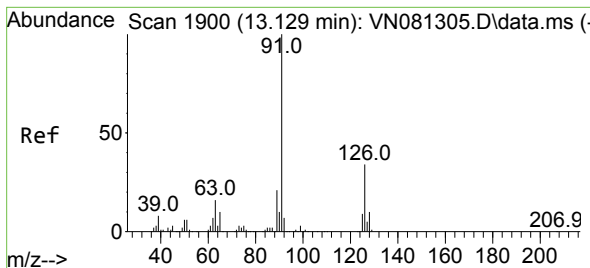
Tgt Ion: 91 Resp: 443173

Ion Ratio Lower Upper

91 100

120 22.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.186 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

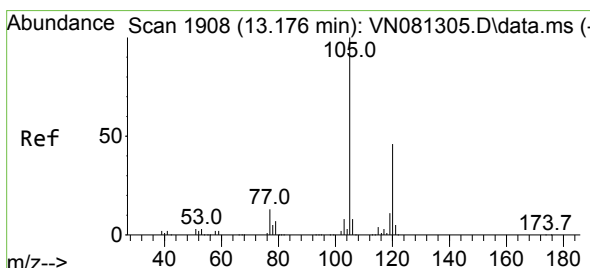
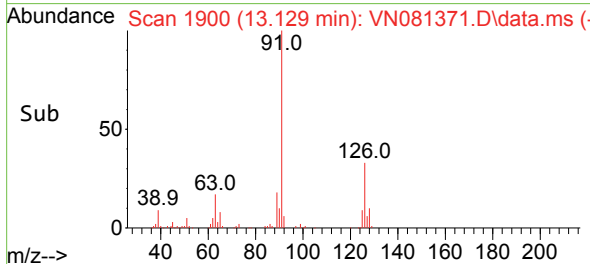
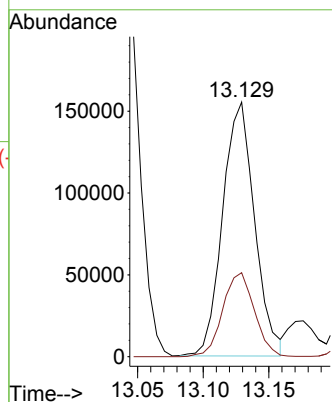
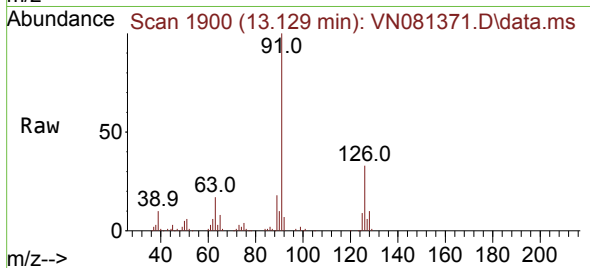
VN0312WBSD01

Tgt Ion: 91 Resp: 262823

Ion Ratio Lower Upper

91 100

126 32.8 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.777 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081371.D

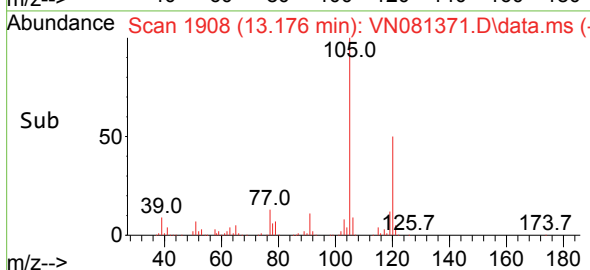
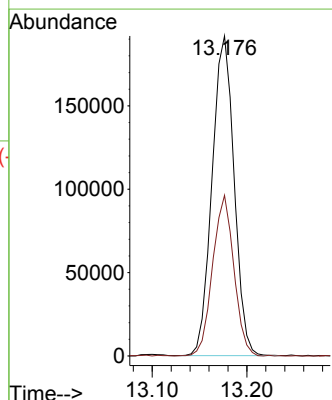
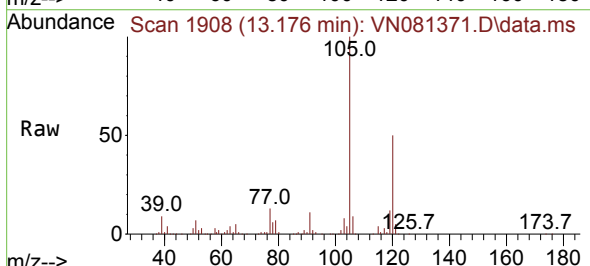
Acq: 12 Mar 2024 12:19

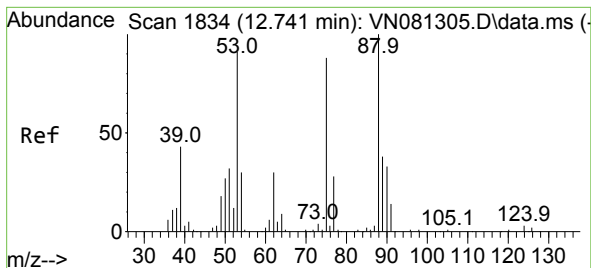
Tgt Ion: 105 Resp: 309757

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0

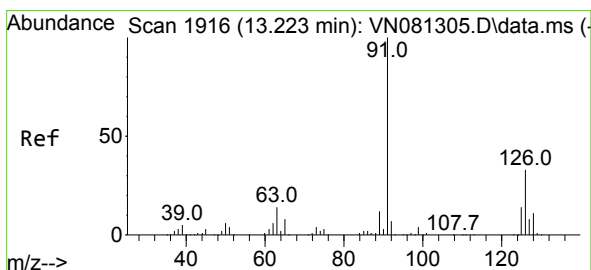
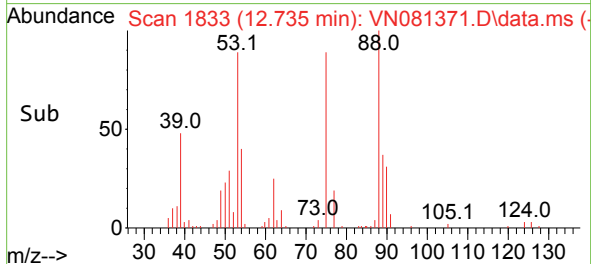
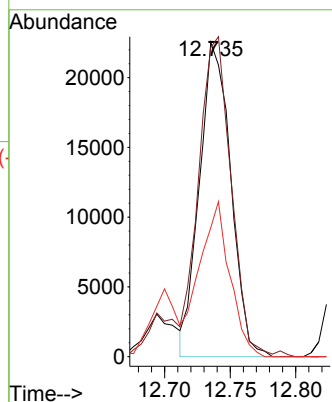
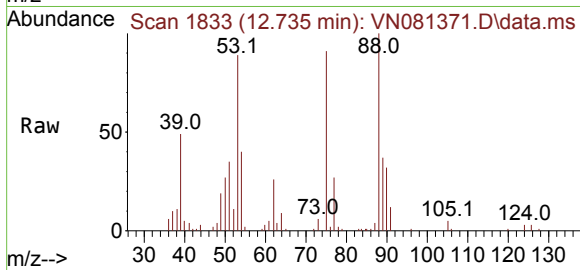




#81
trans-1,4-Dichloro-2-butene
Concen: 18.825 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

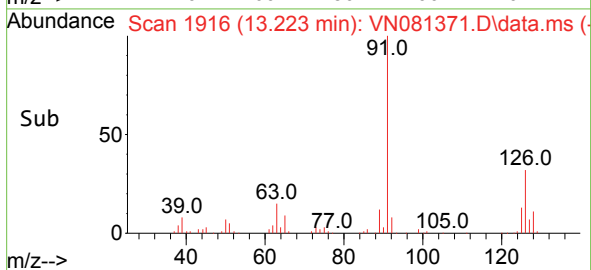
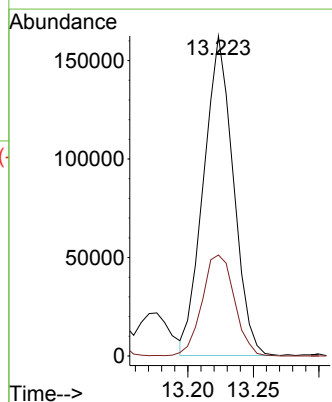
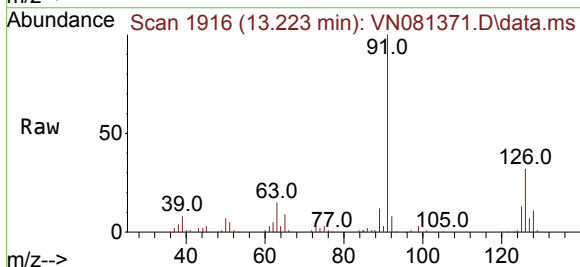
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

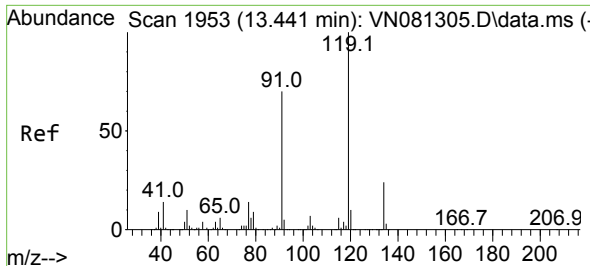
Tgt Ion: 75 Resp: 37384
Ion Ratio Lower Upper
75 100
53 105.6 71.4 107.2
89 48.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.936 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 91 Resp: 256215
Ion Ratio Lower Upper
91 100
126 34.4 15.3 45.9

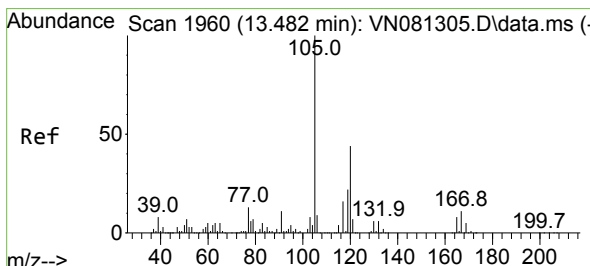
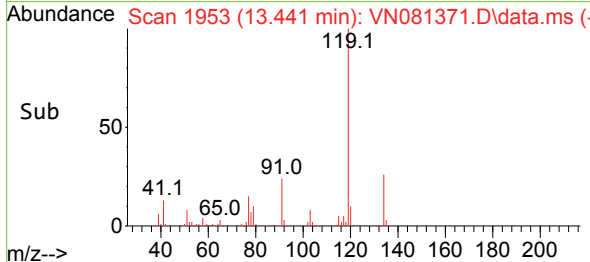
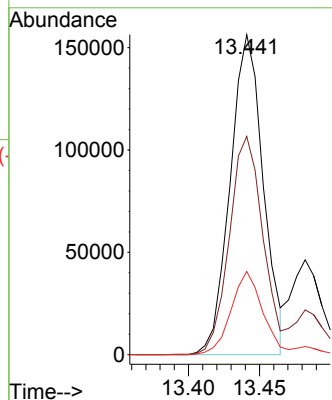
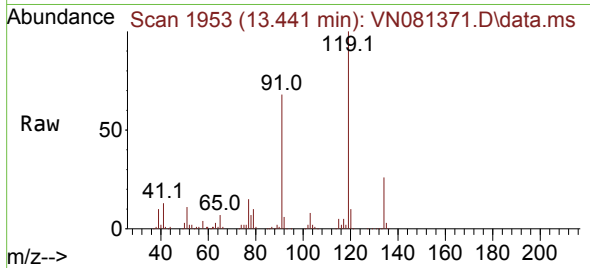




#83
 tert-Butylbenzene
 Concen: 18.869 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

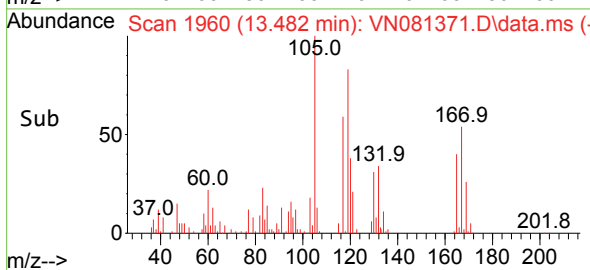
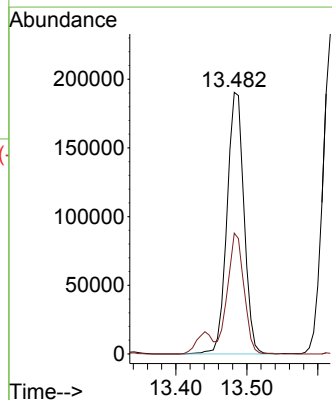
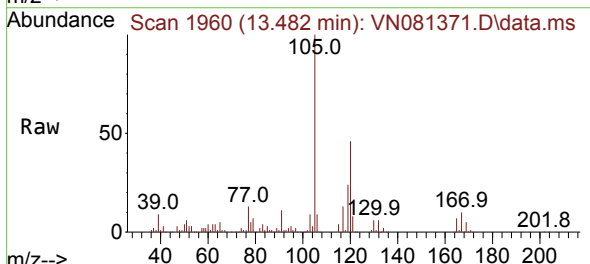
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

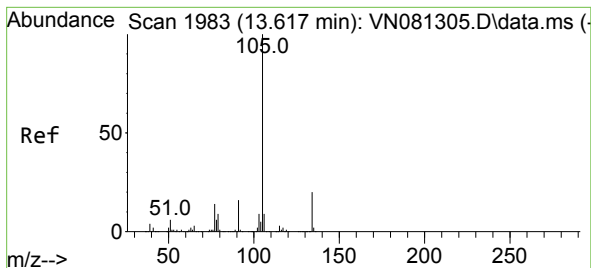
Tgt Ion:119 Resp: 253373
 Ion Ratio Lower Upper
 119 100
 91 70.8 36.8 110.4
 134 24.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.887 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081371.D
 Acq: 12 Mar 2024 12:19

Tgt Ion:105 Resp: 315577
 Ion Ratio Lower Upper
 105 100
 120 45.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.118 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

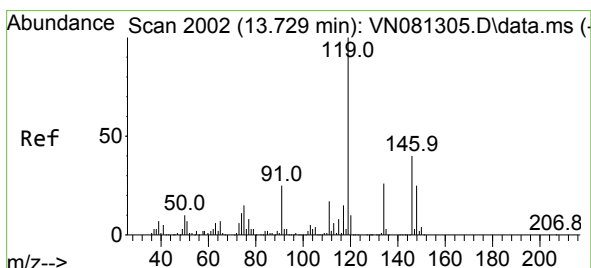
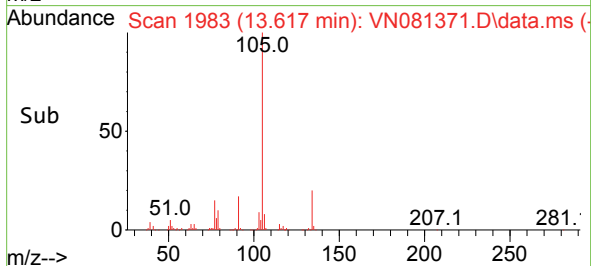
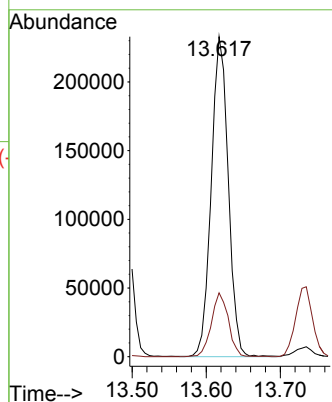
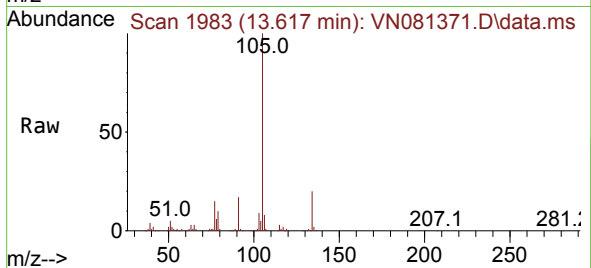
VN0312WBSD01

Tgt Ion:105 Resp: 371386

Ion Ratio Lower Upper

105 100

134 20.0 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.763 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

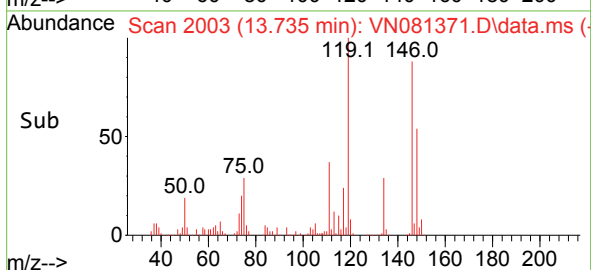
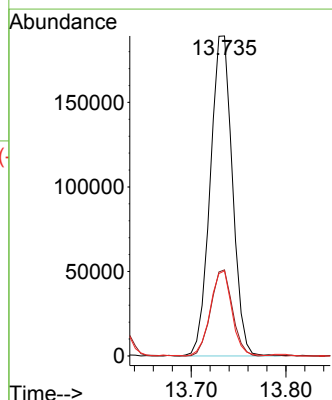
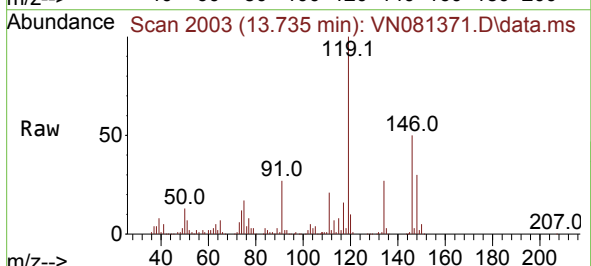
Tgt Ion:119 Resp: 307877

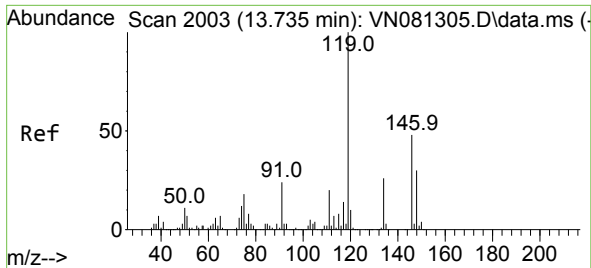
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.2

91 25.9 13.5 40.4

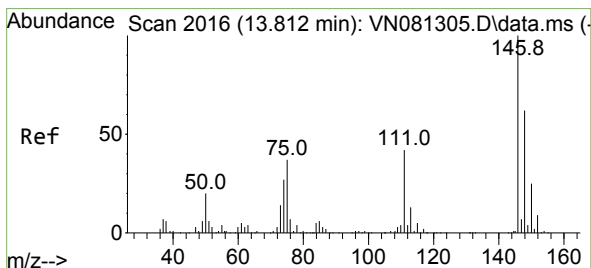
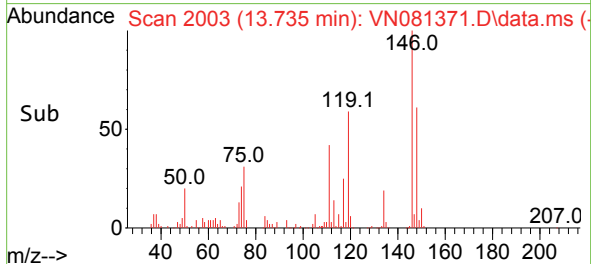
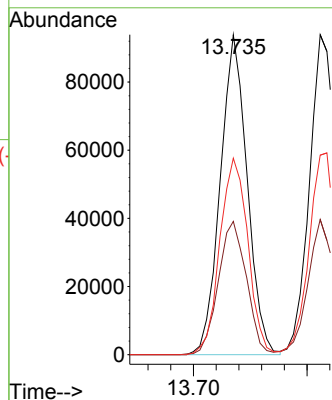
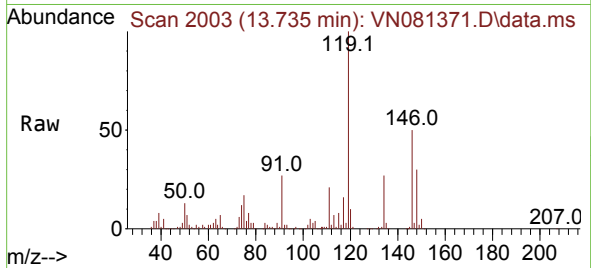




#87
1,3-Dichlorobenzene
Concen: 18.216 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

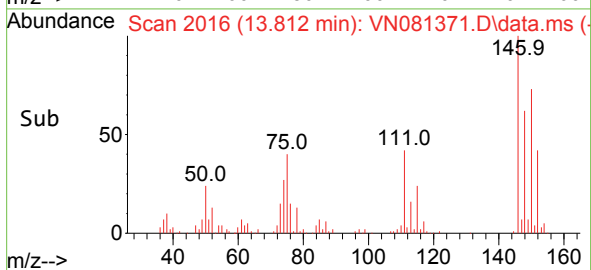
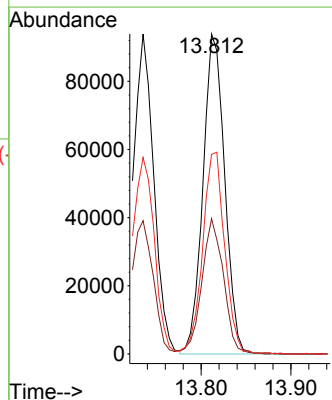
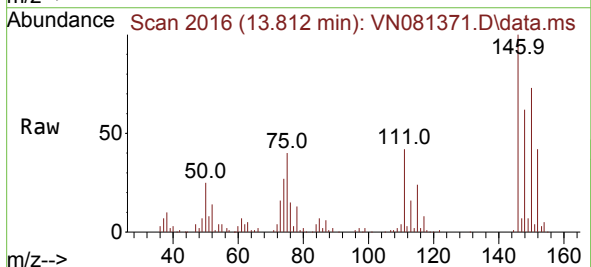
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

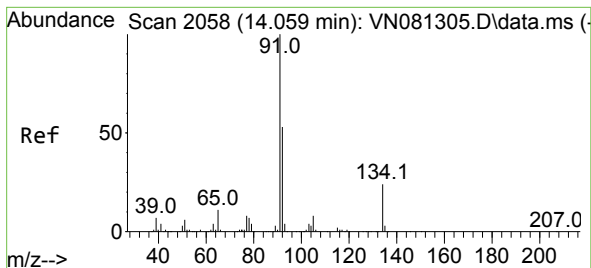
Tgt Ion:146 Resp: 154523
Ion Ratio Lower Upper
146 100
111 43.5 23.9 71.7
148 64.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 18.628 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:146 Resp: 157938
Ion Ratio Lower Upper
146 100
111 42.3 22.6 67.7
148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 18.715 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

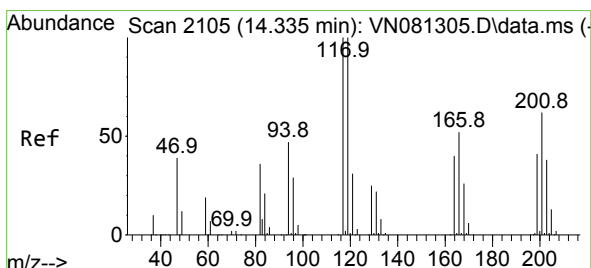
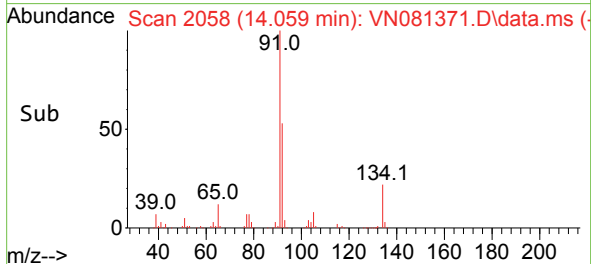
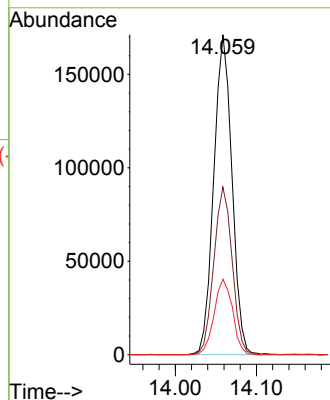
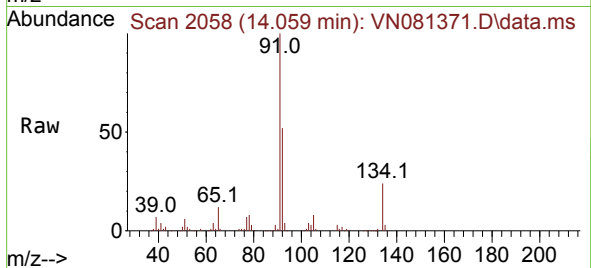
Tgt Ion: 91 Resp: 267363

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.1

134 23.8 10.8 32.4



#90

Hexachloroethane

Concen: 19.573 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081371.D

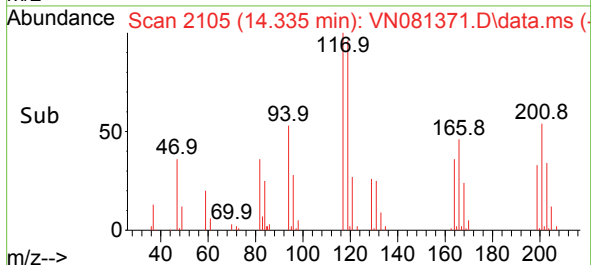
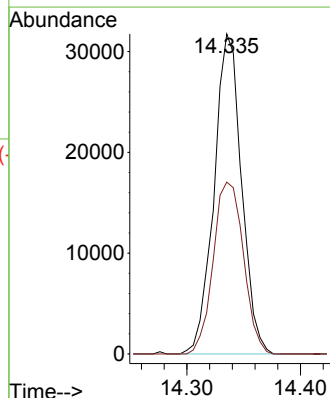
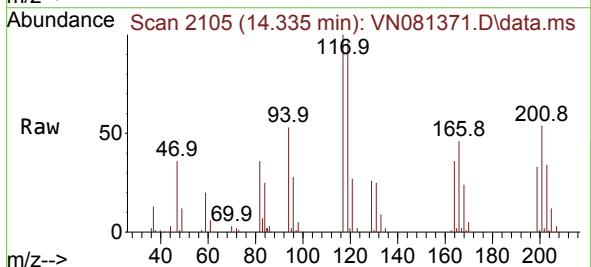
Acq: 12 Mar 2024 12:19

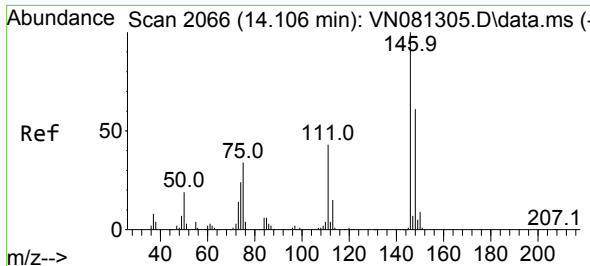
Tgt Ion: 117 Resp: 53383

Ion Ratio Lower Upper

117 100

201 59.0 30.0 90.0

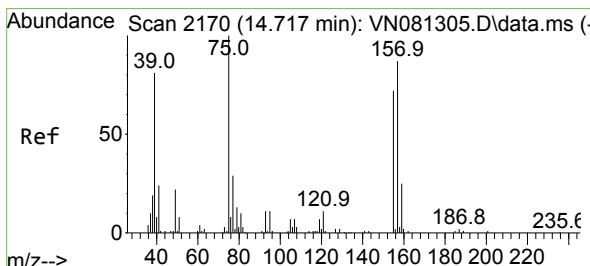
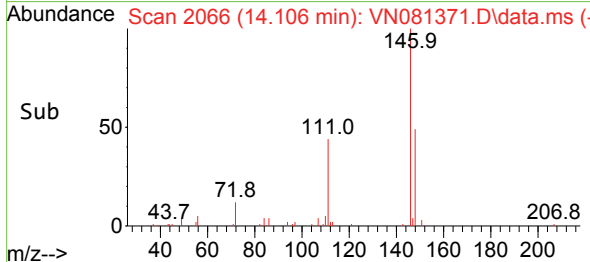
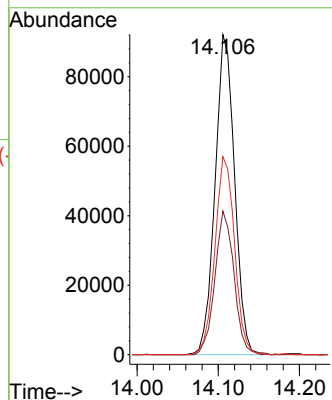
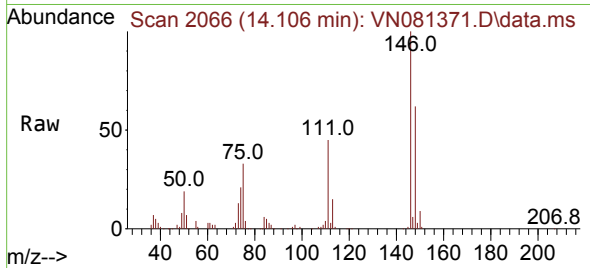




#91
1,2-Dichlorobenzene
Concen: 18.939 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

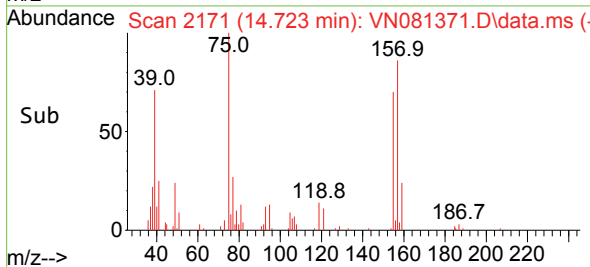
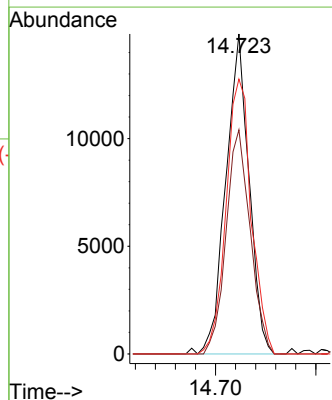
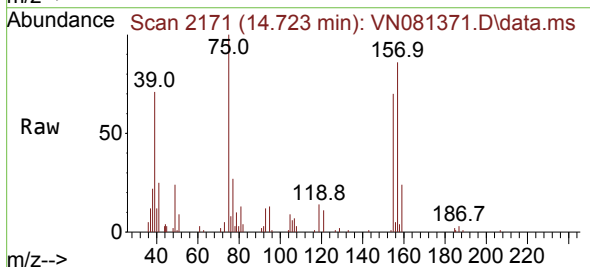
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

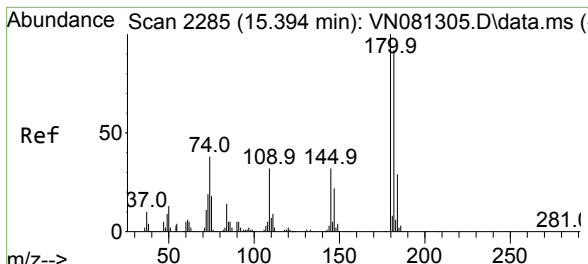
Tgt Ion:146 Resp: 154135
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 62.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.095 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion: 75 Resp: 23893
Ion Ratio Lower Upper
75 100
155 72.9 31.8 95.4
157 93.6 41.1 123.4

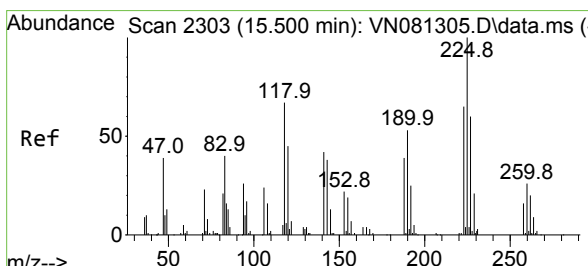
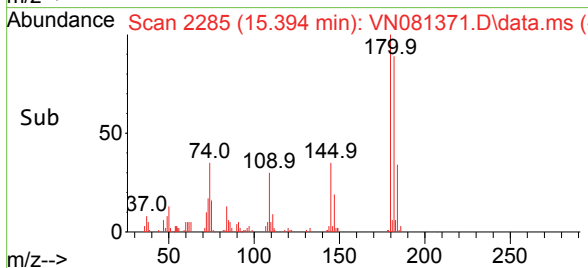
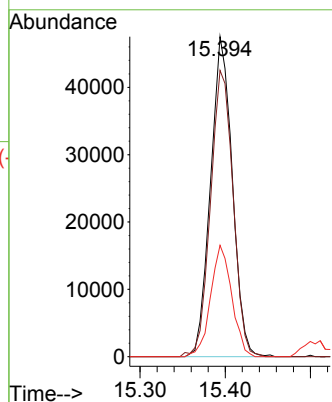
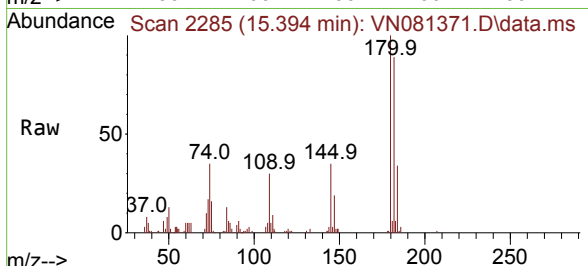




#93
1,2,4-Trichlorobenzene
Concen: 19.361 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

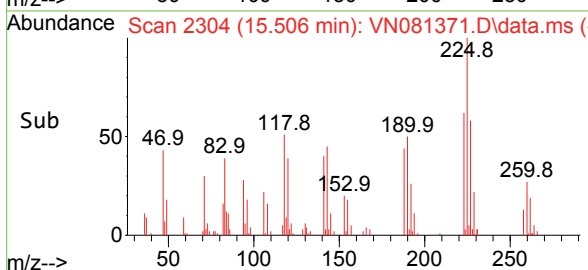
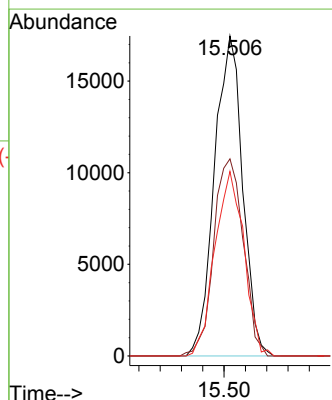
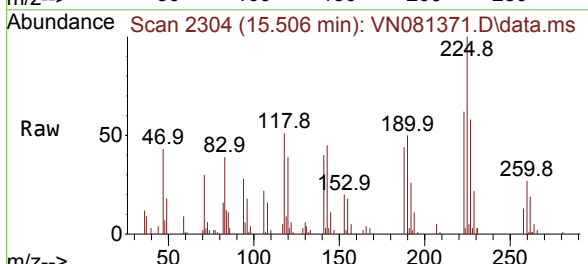
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

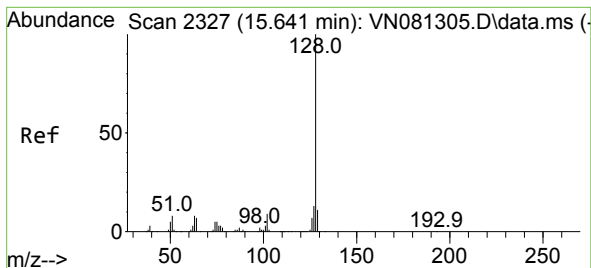
Tgt Ion:180 Resp: 84226
Ion Ratio Lower Upper
180 100
182 92.5 46.6 139.7
145 34.0 16.8 50.3



#94
Hexachlorobutadiene
Concen: 17.823 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081371.D
Acq: 12 Mar 2024 12:19

Tgt Ion:225 Resp: 32039
Ion Ratio Lower Upper
225 100
223 64.8 33.3 99.8
227 59.6 33.1 99.2





#95

Naphthalene

Concen: 18.741 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

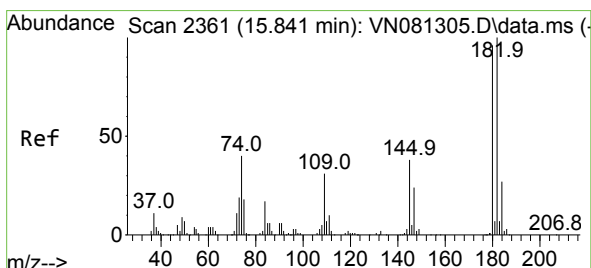
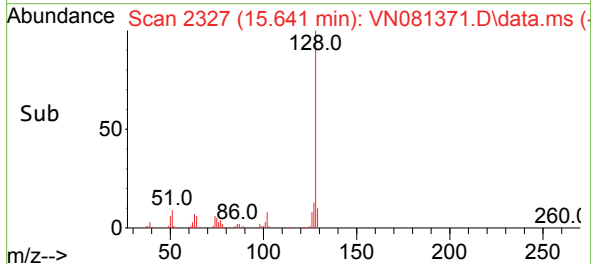
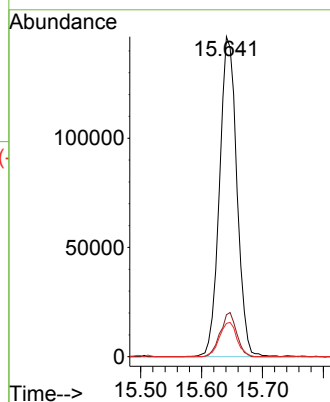
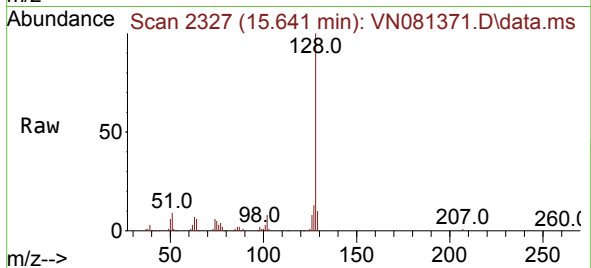
Tgt Ion:128 Resp: 290106

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.324 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081371.D

Acq: 12 Mar 2024 12:19

Tgt Ion:180 Resp: 80841

Ion Ratio Lower Upper

180 100

182 95.4 46.5 139.3

145 36.3 17.8 53.4

