

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083469.D
 Acq On : 23 Aug 2024 18:45
 Operator : JC\MD
 Sample : P3716-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 00:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124883	56.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.260%
35) Dibromofluoromethane	8.165	113	89279	51.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	10.565	98	330468	51.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.853	95	133304	53.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	83176	46.925	ug/l	98
3) Chloromethane	2.359	50	86478	47.653	ug/l	97
4) Vinyl Chloride	2.512	62	98849	53.382	ug/l	100
5) Bromomethane	2.901	94	46869	40.791	ug/l	93
6) Chloroethane	3.059	64	61372	52.976	ug/l	99
7) Trichlorofluoromethane	3.459	101	154000	50.343	ug/l	97
8) Diethyl Ether	3.954	74	55474	48.735	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.348	101	84802	50.282	ug/l	98
10) Methyl Iodide	4.571	142	109249	49.244	ug/l	94
11) Tert butyl alcohol	5.548	59	92225	199.463	ug/l	99
12) 1,1-Dichloroethene	4.324	96	80806	46.636	ug/l	92
13) Acrolein	4.171	56	32958	109.370	ug/l	100
14) Allyl chloride	5.012	41	148003	45.201	ug/l	90
15) Acrylonitrile	5.718	53	231672	243.629	ug/l	99
16) Acetone	4.436	43	193803	222.614	ug/l	95
17) Carbon Disulfide	4.695	76	200988	39.643	ug/l	100
18) Methyl Acetate	5.018	43	128742	49.634	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	305983	48.925	ug/l	98
20) Methylene Chloride	5.265	84	91907	45.871	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	84056	46.937	ug/l	98
22) Diisopropyl ether	6.671	45	301972	49.062	ug/l	97
23) Vinyl Acetate	6.600	43	1486627	235.649	ug/l	97
24) 1,1-Dichloroethane	6.565	63	170473	50.814	ug/l	99
25) 2-Butanone	7.483	43	309227	231.328	ug/l	93
26) 2,2-Dichloropropane	7.489	77	123638	39.684	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	168555	77.999	ug/l	88
28) Bromochloromethane	7.812	49	73931	53.924	ug/l	86
29) Tetrahydrofuran	7.841	42	206699	239.202	ug/l	90
30) Chloroform	7.965	83	179832	51.596	ug/l	100
31) Cyclohexane	8.253	56	141320	42.862	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	165483	50.160	ug/l	97
36) 1,1-Dichloropropene	8.371	75	120728	46.442	ug/l	100
37) Ethyl Acetate	7.559	43	121369	41.698	ug/l #	93
38) Carbon Tetrachloride	8.359	117	141814	48.435	ug/l	97
39) Methylcyclohexane	9.600	83	139701	43.753	ug/l	93
40) Benzene	8.606	78	375110	48.438	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	73478	44.399	ug/l	95
42) 1,2-Dichloroethane	8.671	62	142868	50.644	ug/l	99
43) Isopropyl Acetate	8.688	43	228291	44.898	ug/l	95
44) Trichloroethene	9.353	130	144058	78.153	ug/l	91
45) 1,2-Dichloropropane	9.624	63	91635	49.849	ug/l	100
46) Dibromomethane	9.706	93	66659	50.662	ug/l	98
47) Bromodichloromethane	9.888	83	144500	48.911	ug/l #	96
48) Methyl methacrylate	9.683	41	108780	45.205	ug/l	94
49) 1,4-Dioxane	9.700	88	39013	898.645	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	659784	239.712	ug/l	94
52) Toluene	10.630	92	236884	48.412	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	143147	47.170	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	145717	45.143	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	88463	50.449	ug/l	95
56) Ethyl methacrylate	10.877	69	154507	46.740	ug/l	89
57) 1,3-Dichloropropane	11.165	76	156816	50.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.200	63	624	0.447	ug/l #	48
59) 2-Hexanone	11.194	43	502054	235.776	ug/l	94
60) Dibromochloromethane	11.359	129	104050	49.078	ug/l	99
61) 1,2-Dibromoethane	11.471	107	88845	48.231	ug/l	97
64) Tetrachloroethene	11.100	164	178373	110.678	ug/l	94
65) Chlorobenzene	11.888	112	250043	46.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	89790	47.342	ug/l	99
67) Ethyl Benzene	11.965	91	466061	47.243	ug/l	99
68) m/p-Xylenes	12.071	106	349373	94.541	ug/l	96
69) o-Xylene	12.400	106	170193	46.696	ug/l	100
70) Styrene	12.412	104	286849	46.860	ug/l	98
71) Bromoform	12.576	173	67521	46.993	ug/l #	99
73) Isopropylbenzene	12.694	105	435341	41.310	ug/l	100
74) N-amyl acetate	12.494	43	191660	37.182	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	137690	46.196	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	175221	63.366	ug/l	45
77) Bromobenzene	12.982	156	100547	42.951	ug/l	96
78) n-propylbenzene	13.035	91	505665	41.671	ug/l	99
79) 2-Chlorotoluene	13.124	91	324625	42.196	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	369565	41.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	44063	34.662	ug/l	99
82) 4-Chlorotoluene	13.223	91	317627	41.160	ug/l	99
83) tert-Butylbenzene	13.435	119	330186	42.259	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	380192	42.760	ug/l	98
85) sec-Butylbenzene	13.618	105	442449	41.500	ug/l	99
86) p-Isopropyltoluene	13.729	119	370277	42.063	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	193589	43.948	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	193302	43.529	ug/l	98
89) n-Butylbenzene	14.059	91	309015	40.513	ug/l	98
90) Hexachloroethane	14.335	117	71843	42.244	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	195984	45.978	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29691	41.051	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	99260	41.565	ug/l	99
94) Hexachlorobutadiene	15.500	225	41557	39.130	ug/l	97
95) Naphthalene	15.641	128	344717	40.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97577	41.295	ug/l	98

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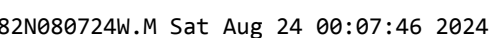
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MSVOA_N
ClientSampleId :

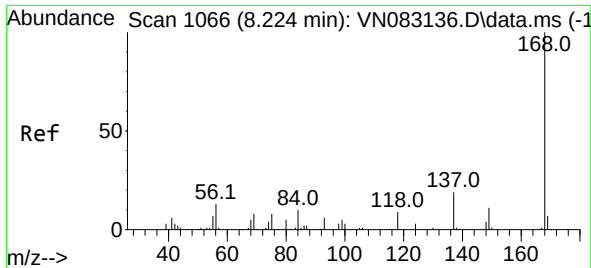
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

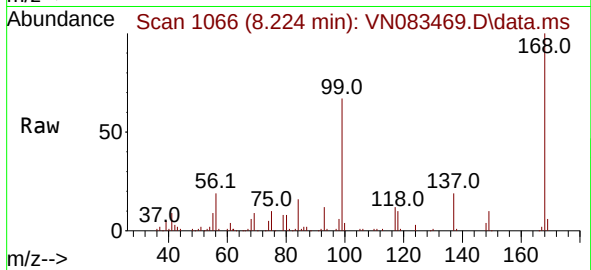
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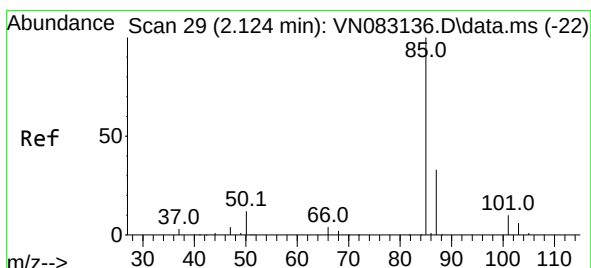
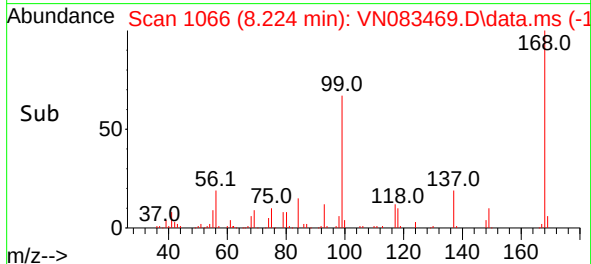
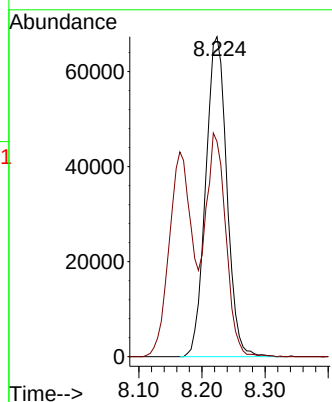


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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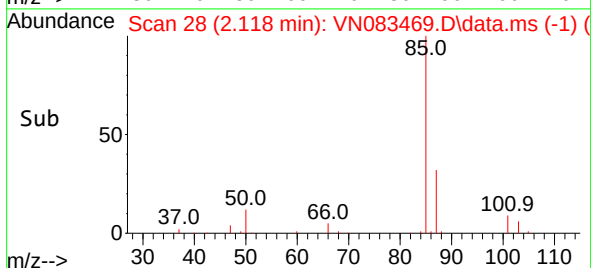
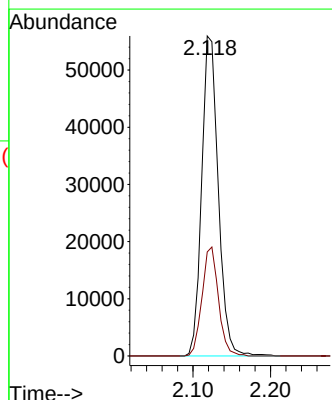
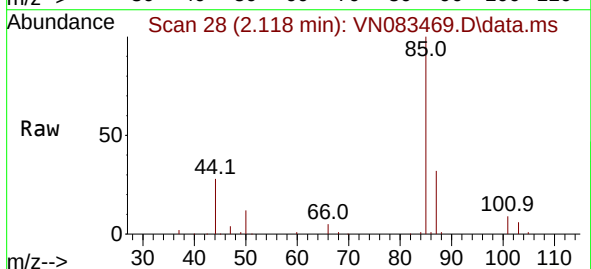


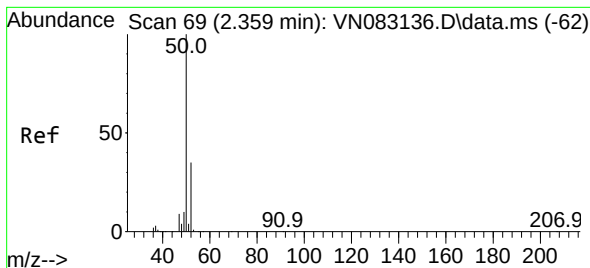
Tgt Ion:168 Resp: 156307
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 46.925 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 85 Resp: 83176
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





#3

Chloromethane

Concen: 47.653 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

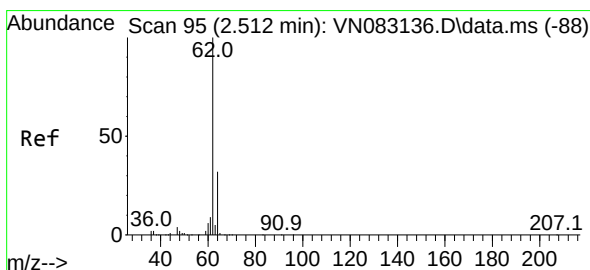
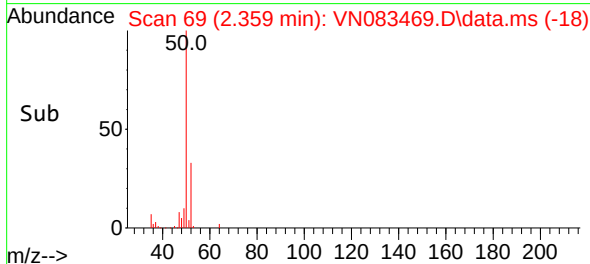
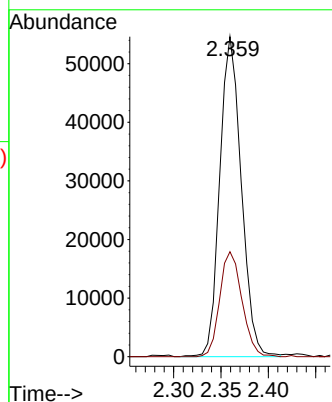
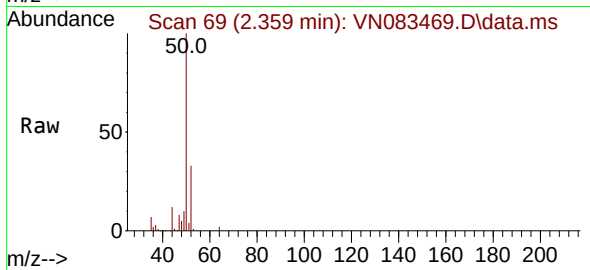
ClientSampleId :

Tgt Ion: 50 Resp: 86478

Ion Ratio Lower Upper

50 100

52 32.8 25.0 37.4



#4

Vinyl Chloride

Concen: 53.382 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083469.D

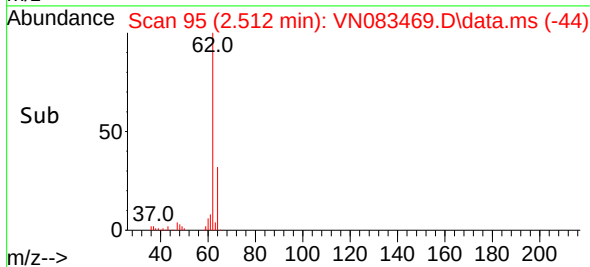
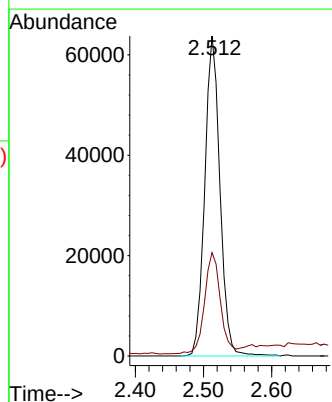
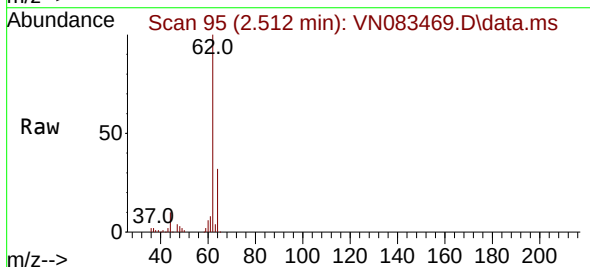
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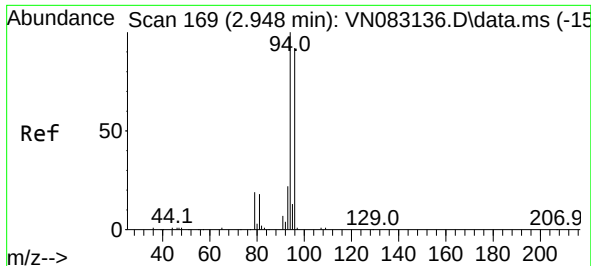
Tgt Ion: 62 Resp: 98849

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.6

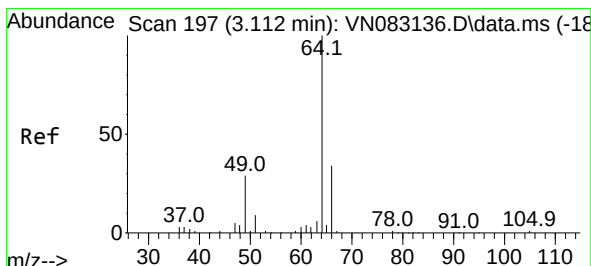
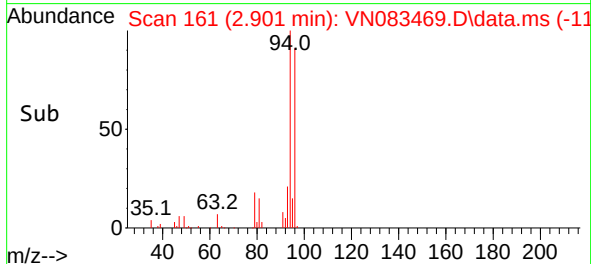
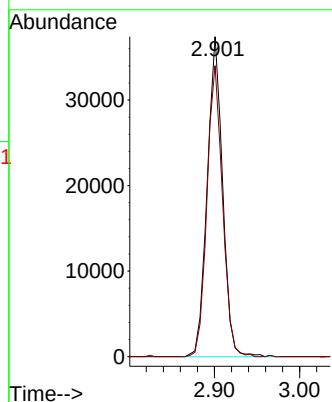
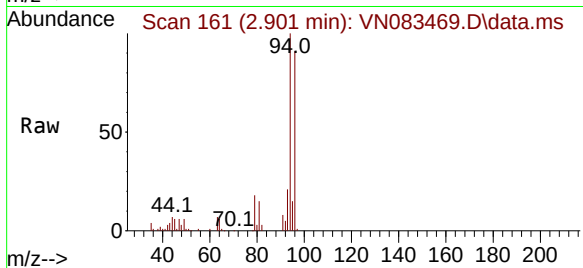




#5
Bromomethane
Concen: 40.791 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

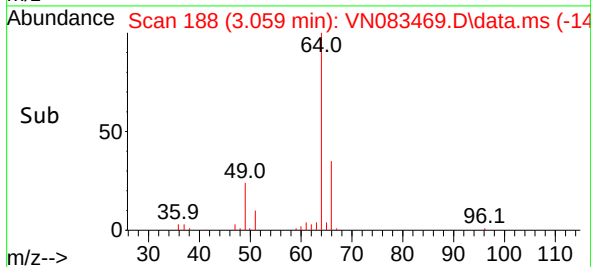
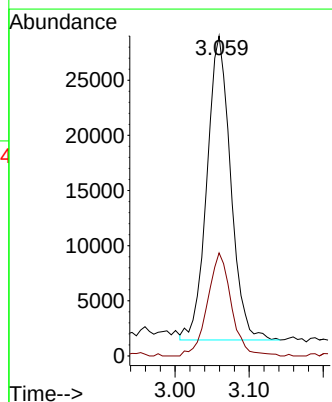
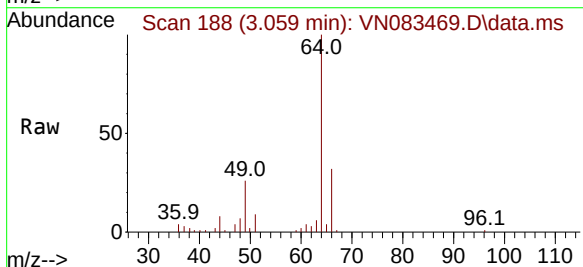
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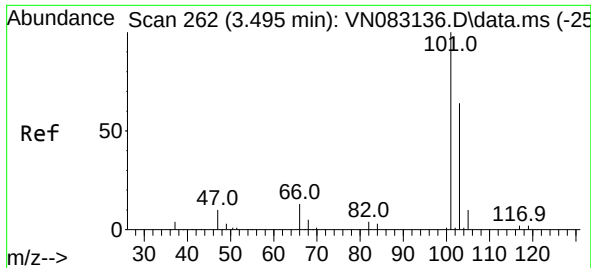
Tgt Ion: 94 Resp: 46869
Ion Ratio Lower Upper
94 100
96 90.9 78.0 117.0



#6
Chloroethane
Concen: 52.976 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.053 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

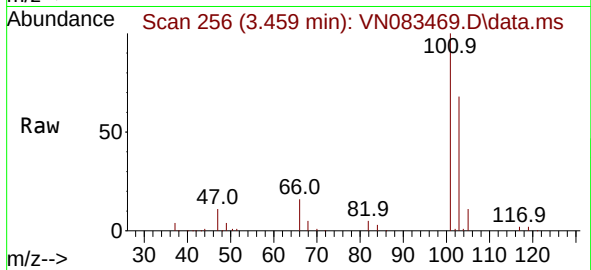
Tgt Ion: 64 Resp: 61372
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0



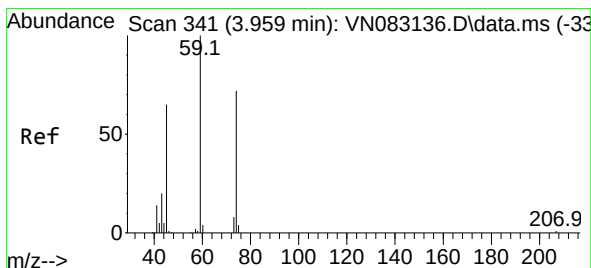
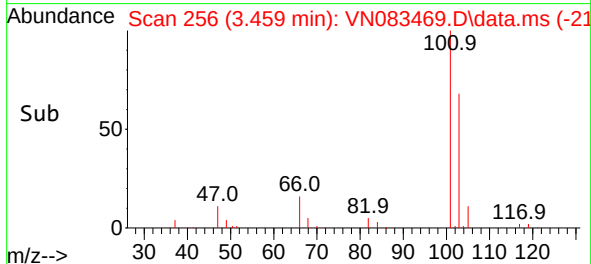
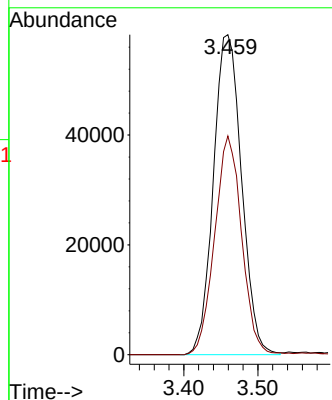


#7
 Trichlorofluoromethane
 Concen: 50.343 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Instrument :
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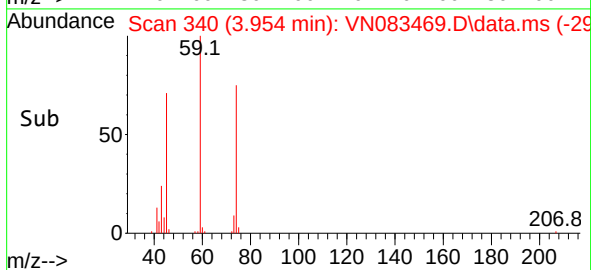
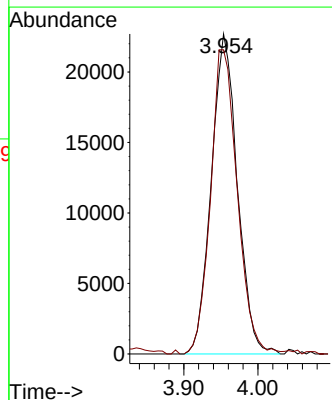
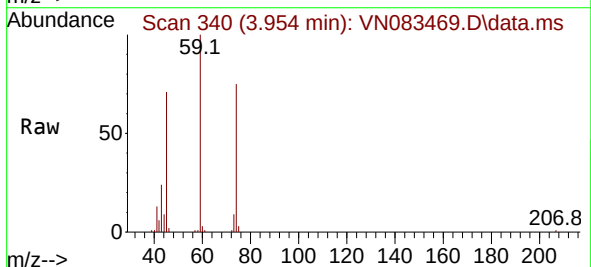


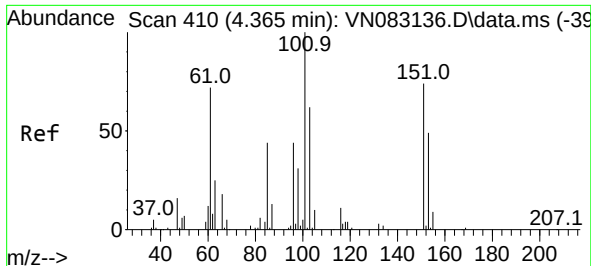
Tgt Ion:101 Resp: 154000
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.7 79.1



#8
 Diethyl Ether
 Concen: 48.735 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

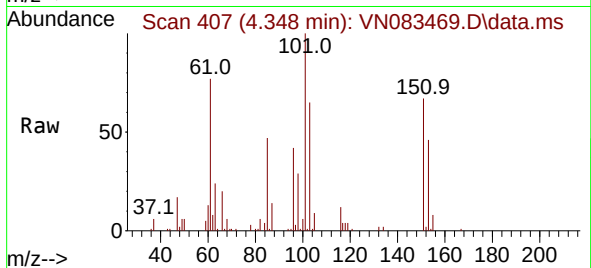
Tgt Ion: 74 Resp: 55474
 Ion Ratio Lower Upper
 74 100
 45 97.7 55.5 166.3



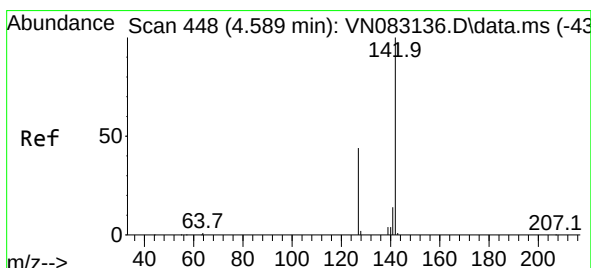
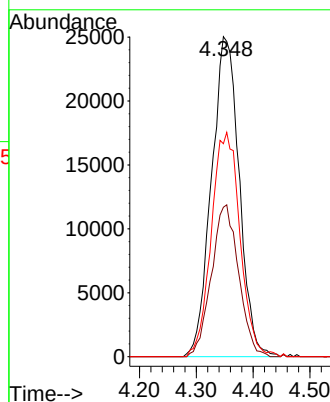
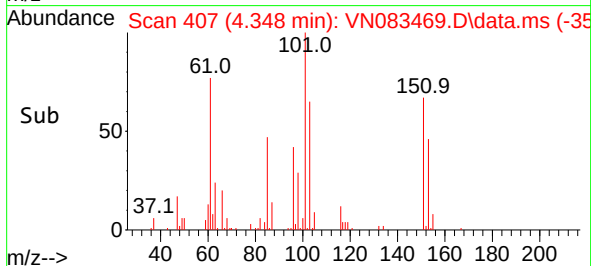


#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.282 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.018 min
Lab File: VN083469.D
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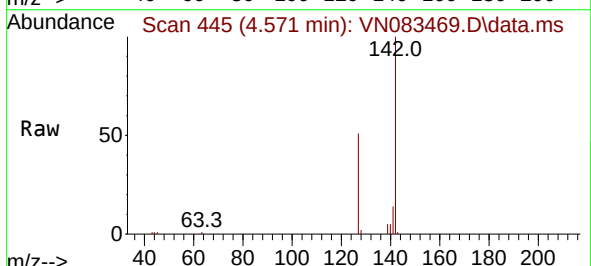
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MSVOA_N
ClientSampleId :



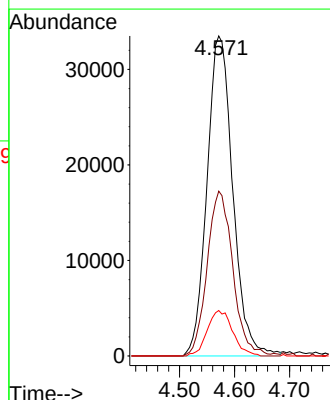
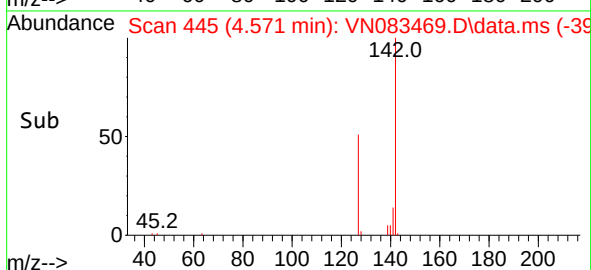
Tgt Ion:101 Resp: 84802
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 72.5 59.3 88.9

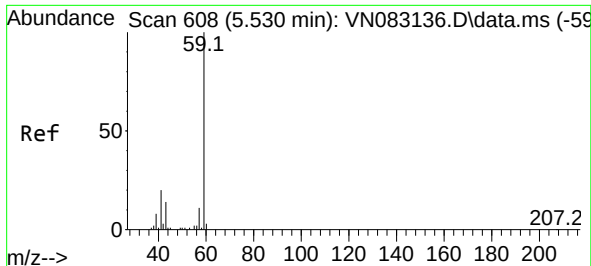


#10
Methyl Iodide
Concen: 49.244 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.018 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45



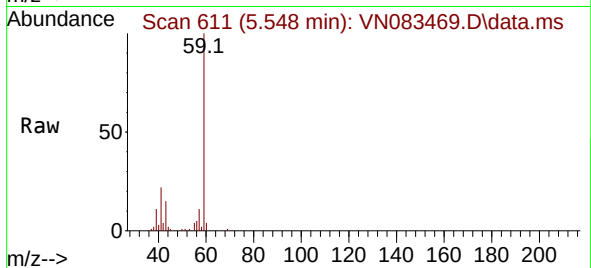
Tgt Ion:142 Resp: 109249
Ion Ratio Lower Upper
142 100
127 51.5 37.5 56.3
141 14.2 13.1 19.7



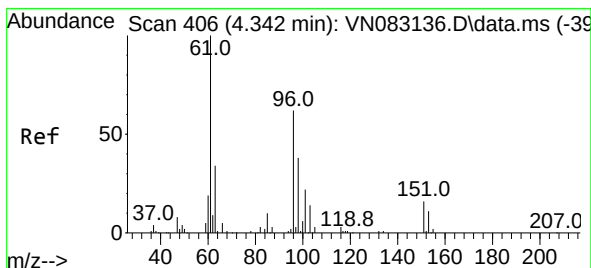
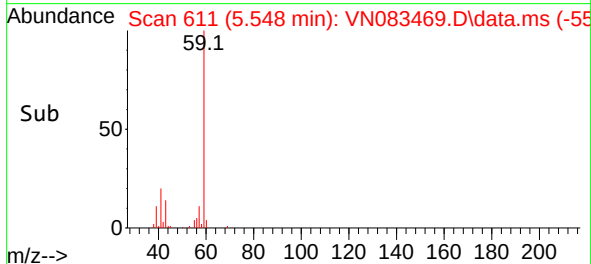
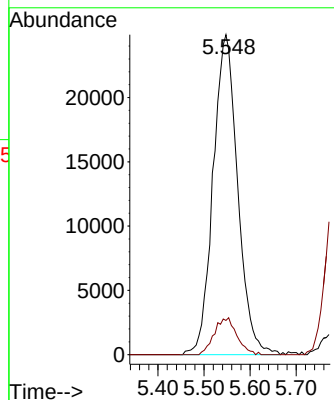


#11
Tert butyl alcohol
Concen: 199.463 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

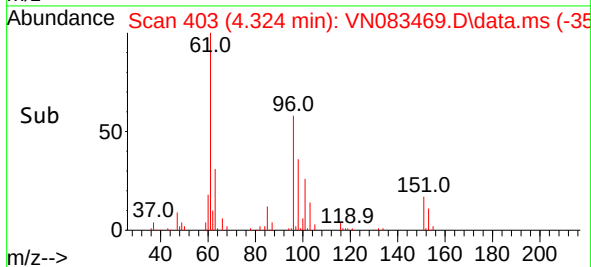
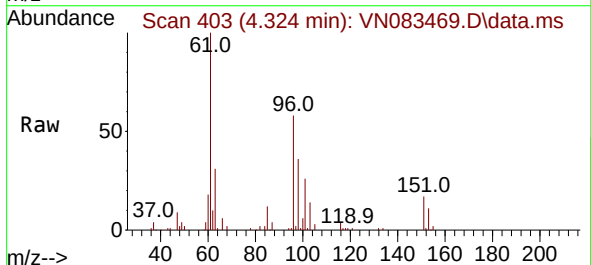
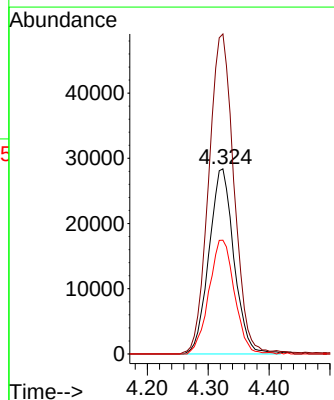


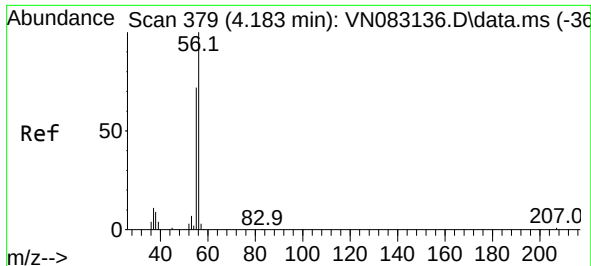
Tgt Ion: 59 Resp: 92225
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.636 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

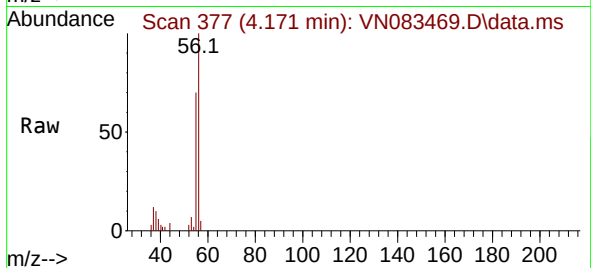
Tgt Ion: 96 Resp: 80806
Ion Ratio Lower Upper
96 100
61 172.8 149.7 224.5
98 61.5 50.1 75.1



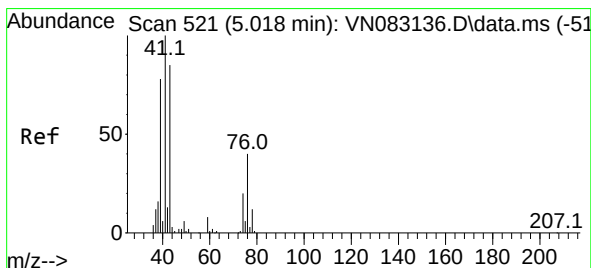
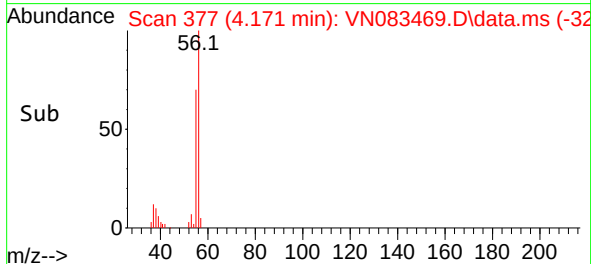
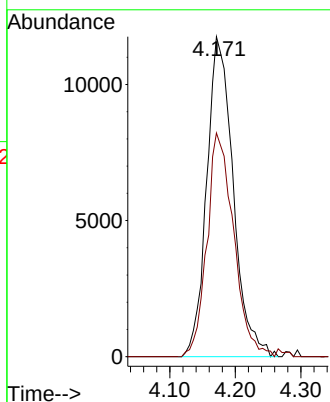


#13
Acrolein
Concen: 109.370 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

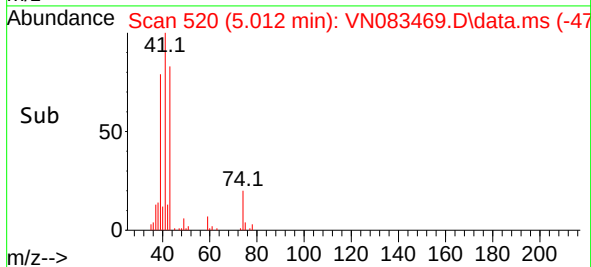
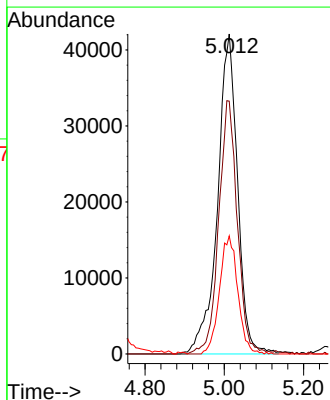
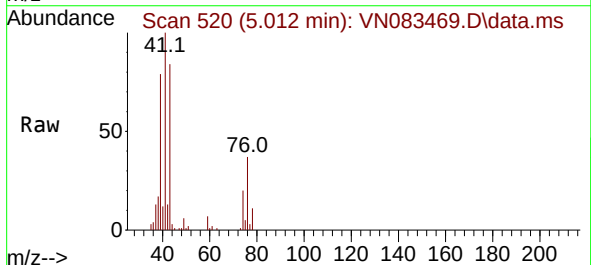


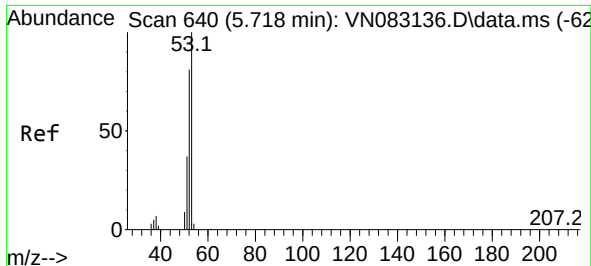
Tgt Ion: 56 Resp: 32958
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6



#14
Allyl chloride
Concen: 45.201 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

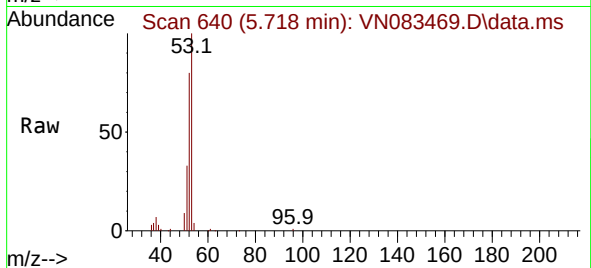
Tgt Ion: 41 Resp: 148003
Ion Ratio Lower Upper
41 100
39 73.5 67.8 101.6
76 33.6 25.8 38.8



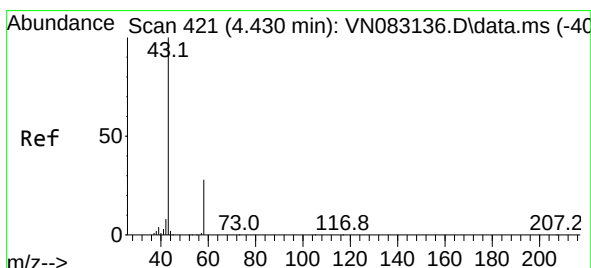
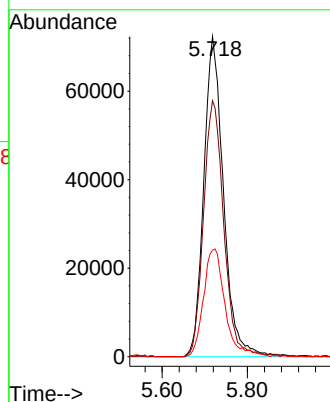
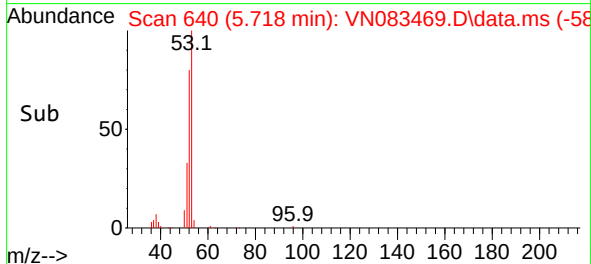


#15
Acrylonitrile
Concen: 243.629 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

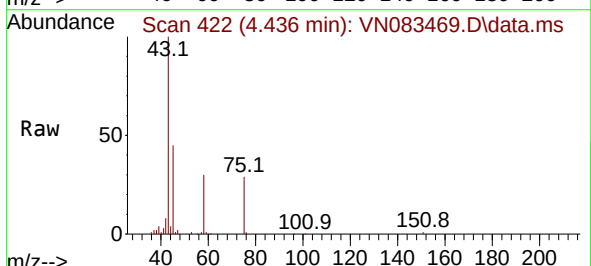
Instrument :
MSVOA_N
ClientSampleId :



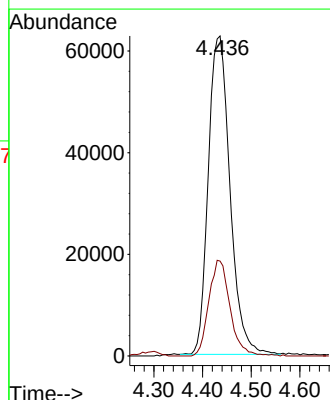
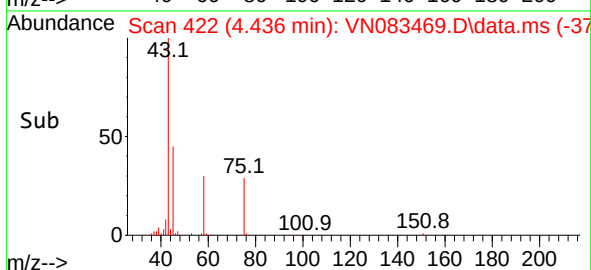
Tgt Ion: 53 Resp: 231672
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.8 30.1 45.1

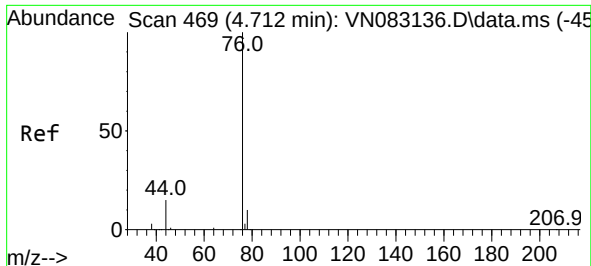


#16
Acetone
Concen: 222.614 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45



Tgt Ion: 43 Resp: 193803
Ion Ratio Lower Upper
43 100
58 29.8 21.8 32.6

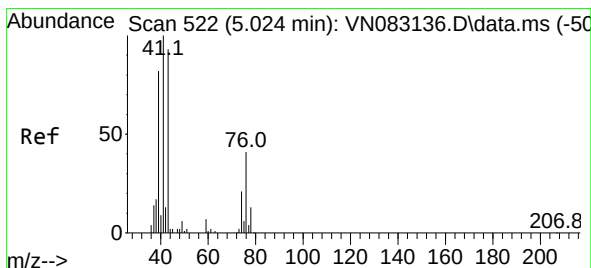
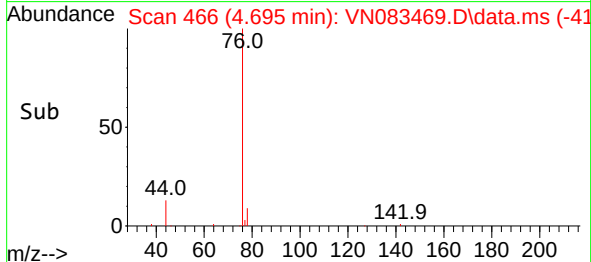
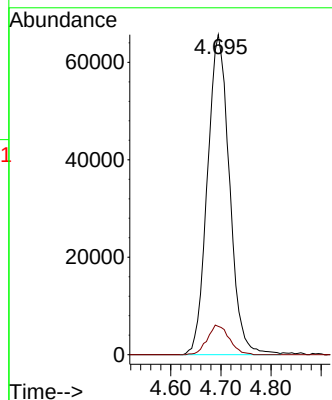
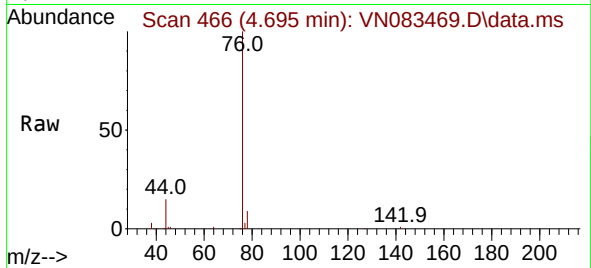




#17
Carbon Disulfide
Concen: 39.643 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

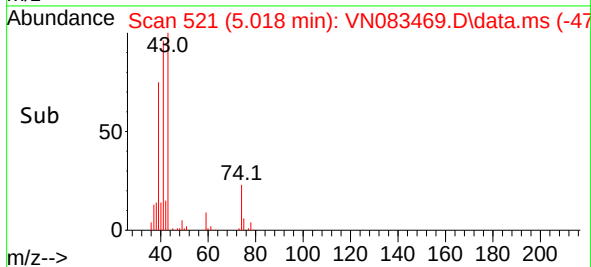
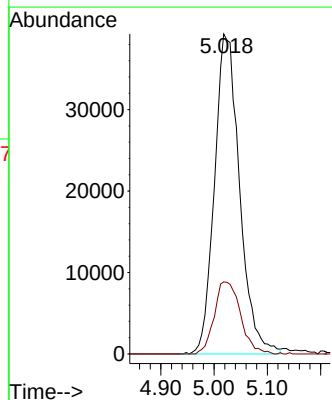
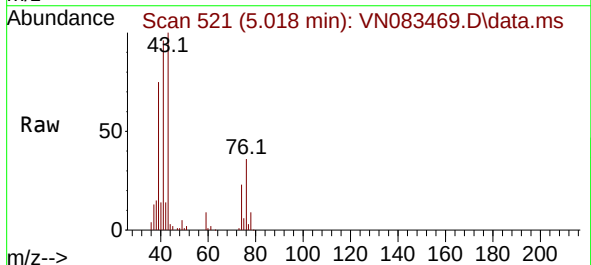
Instrument :
MSVOA_N
ClientSampleId :

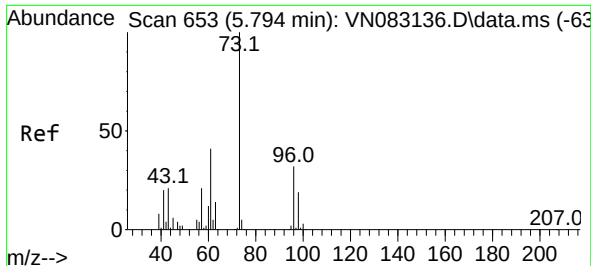
Tgt Ion: 76 Resp: 200988
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 49.634 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 43 Resp: 128742
Ion Ratio Lower Upper
43 100
74 23.5 16.3 24.5

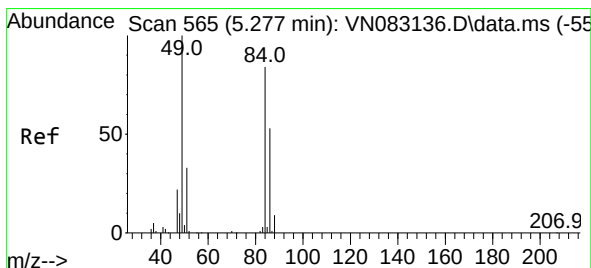
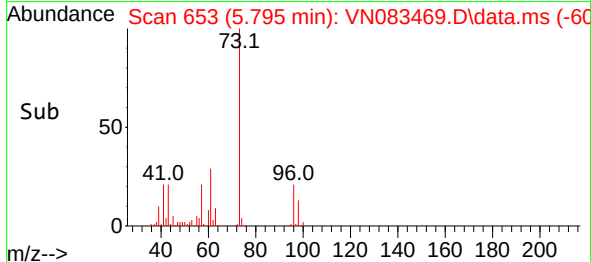
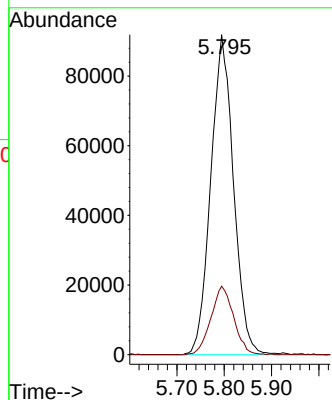
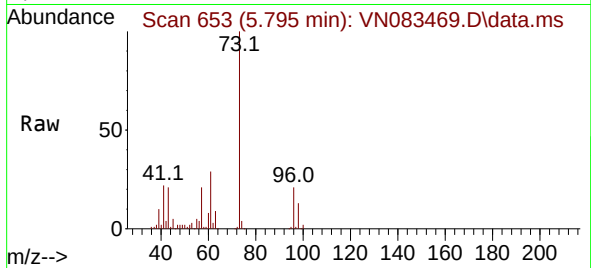




#19
Methyl tert-butyl Ether
Concen: 48.925 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

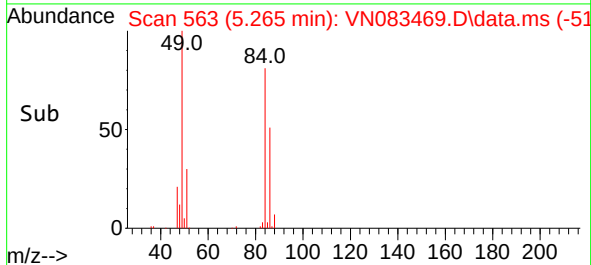
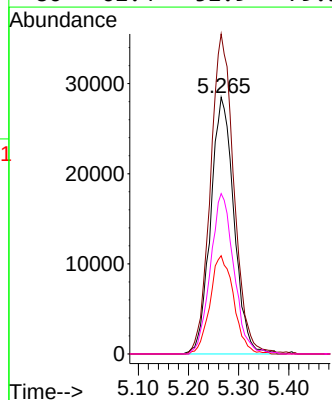
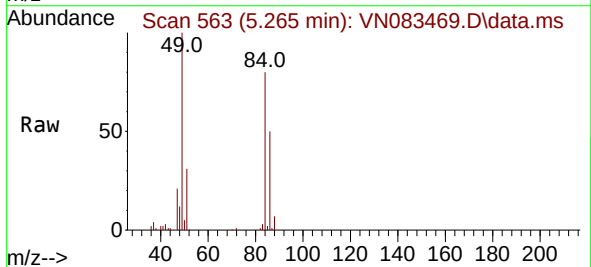
Instrument :
MSVOA_N
ClientSampleId :

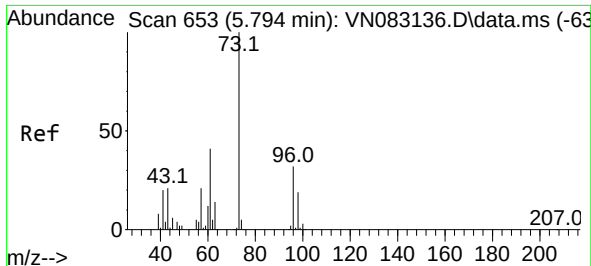
Tgt Ion: 73 Resp: 305983
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 45.871 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 84 Resp: 91907
Ion Ratio Lower Upper
84 100
49 124.7 119.6 179.4
51 38.3 34.8 52.2
86 62.4 52.9 79.3

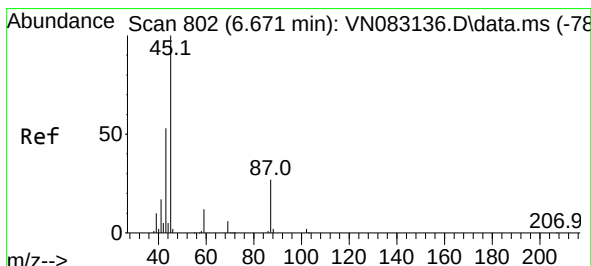
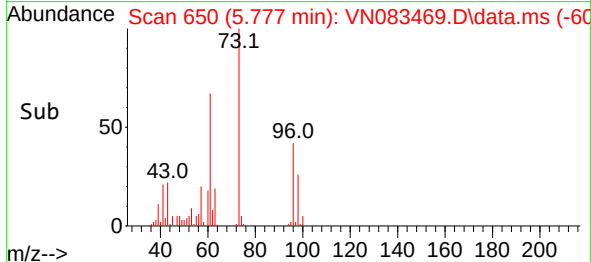
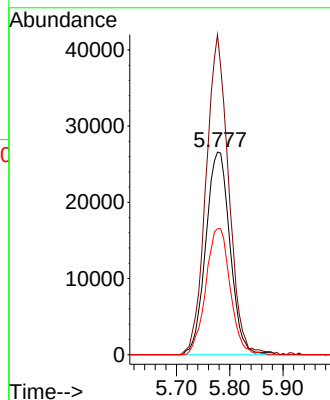
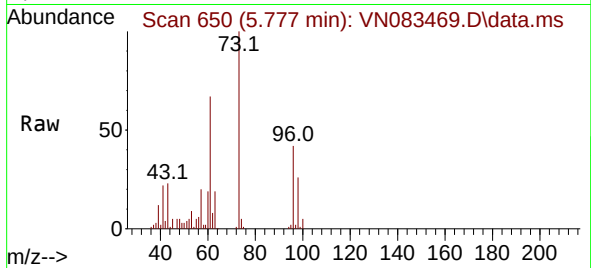




#21
trans-1,2-Dichloroethene
Concen: 46.937 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

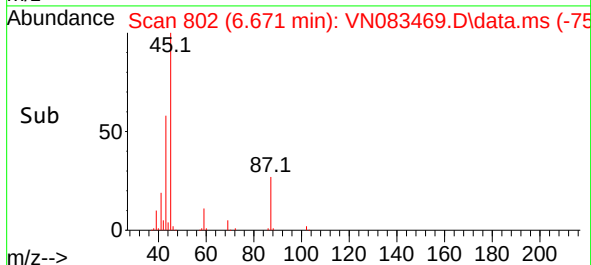
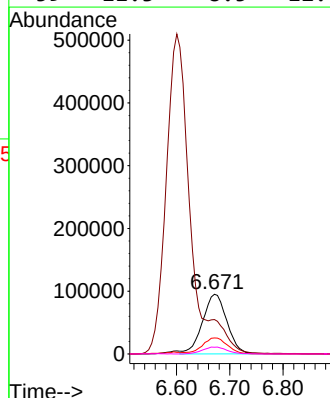
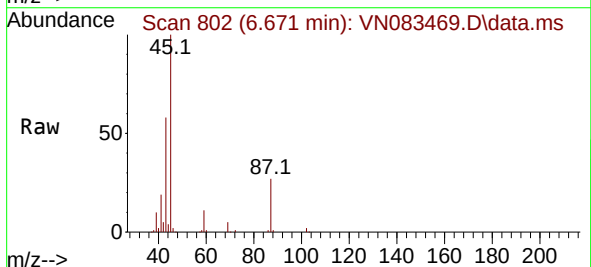
Instrument :
MSVOA_N
ClientSampleId :

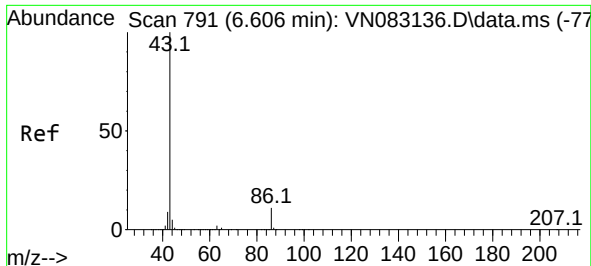
Tgt Ion: 96 Resp: 84056
Ion Ratio Lower Upper
96 100
61 158.0 123.4 185.2
98 62.2 49.3 73.9



#22
Diisopropyl ether
Concen: 49.062 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

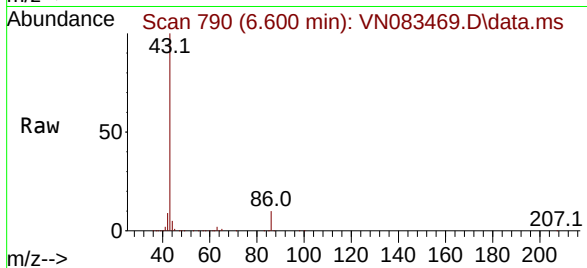
Tgt Ion: 45 Resp: 301972
Ion Ratio Lower Upper
45 100
43 56.6 44.0 66.0
87 26.8 19.7 29.5
59 11.3 8.5 12.7



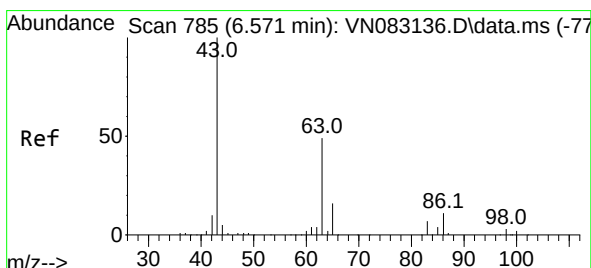
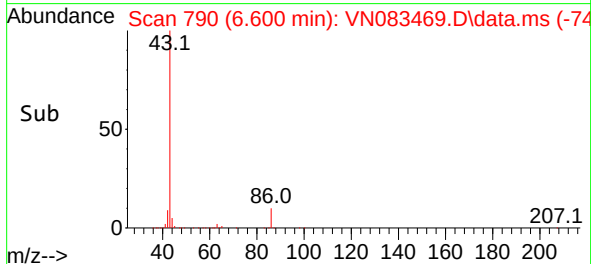
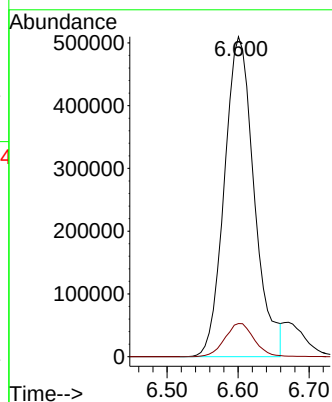


#23
 Vinyl Acetate
 Concen: 235.649 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Instrument :
 MSVOA_N
 ClientSampleId :

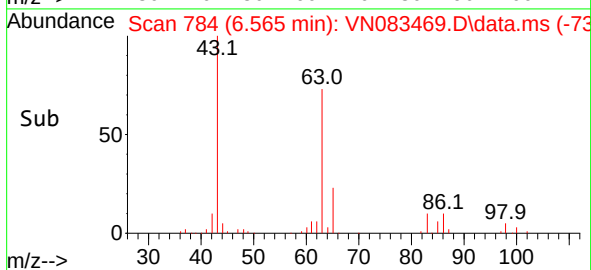
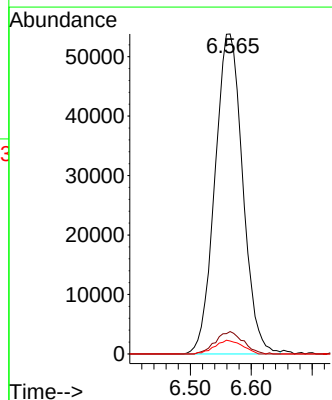
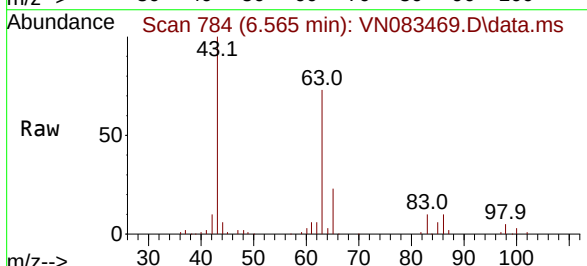


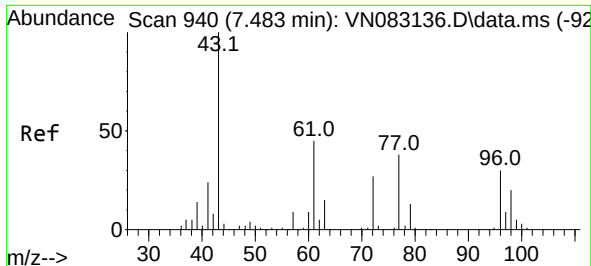
Tgt Ion: 43 Resp: 1486627
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.814 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Tgt Ion: 63 Resp: 170473
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.1 2.0 6.0

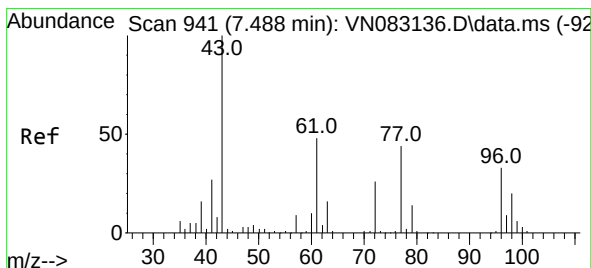
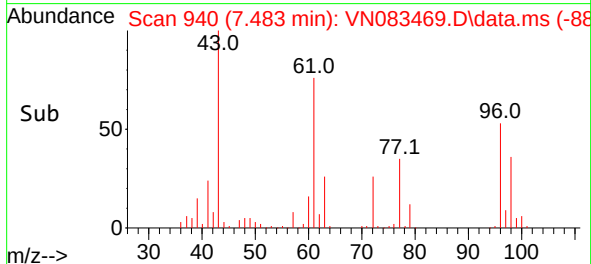
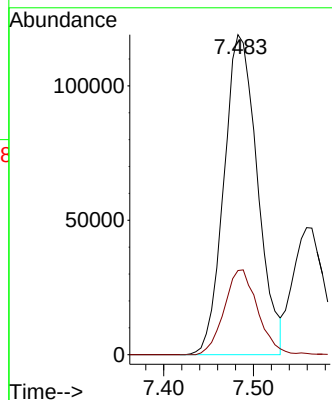
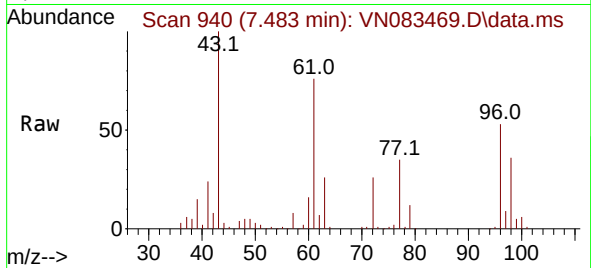




#25
2-Butanone
Concen: 231.328 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

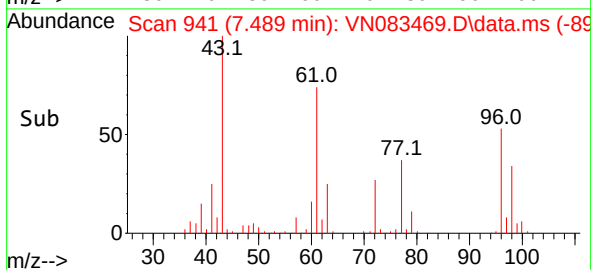
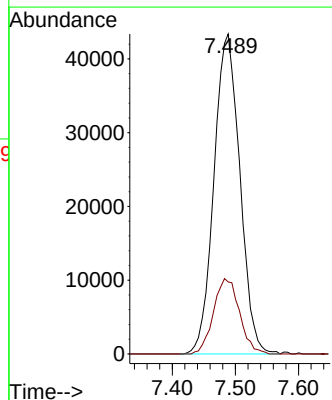
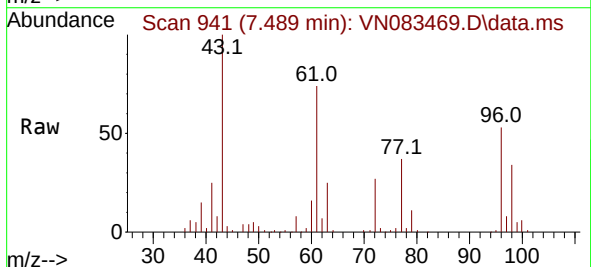
Instrument :
MSVOA_N
ClientSampleId :

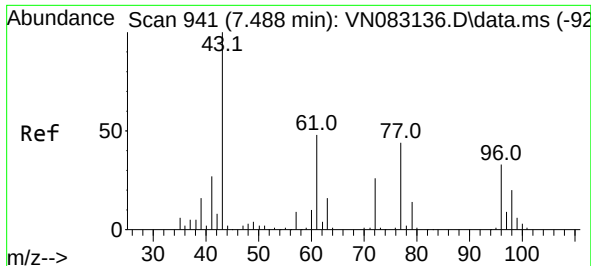
Tgt Ion: 43 Resp: 309227
Ion Ratio Lower Upper
43 100
72 26.3 18.2 27.2



#26
2,2-Dichloropropane
Concen: 39.684 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

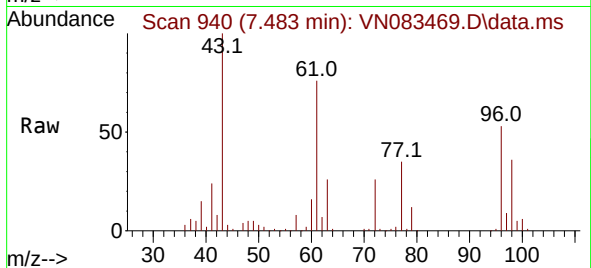
Tgt Ion: 77 Resp: 123638
Ion Ratio Lower Upper
77 100
97 23.6 10.3 30.9



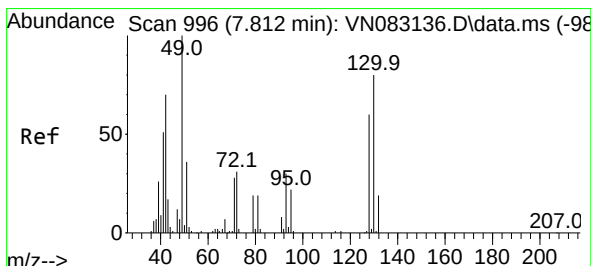
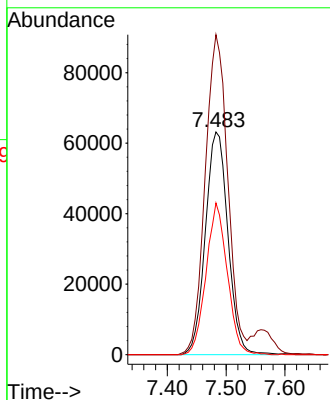
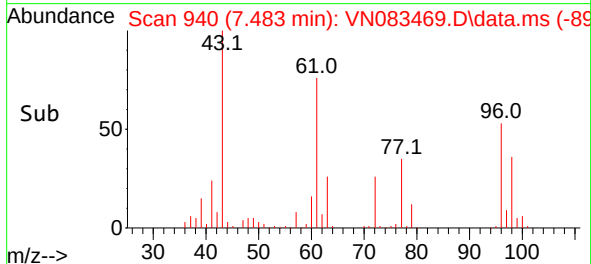


#27
 cis-1,2-Dichloroethene
 Concen: 77.999 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Instrument :
 MSVOA_N
 ClientSampleId :

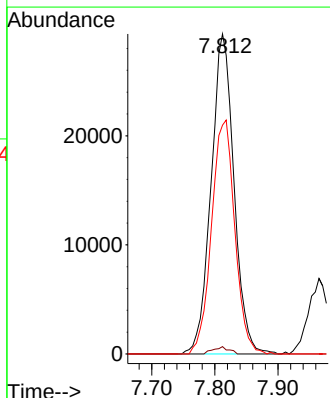
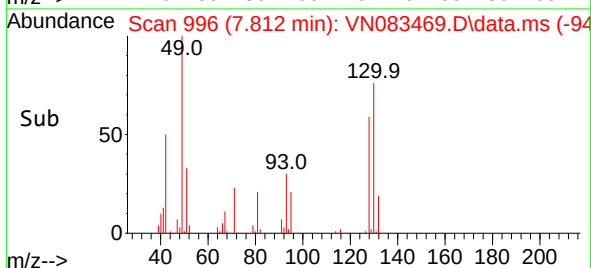
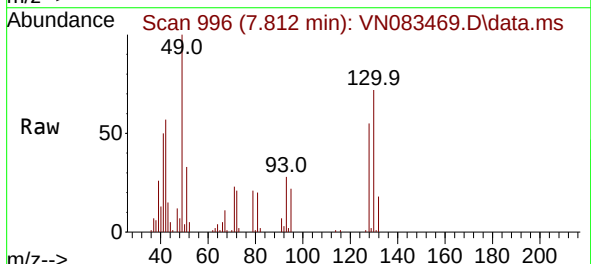


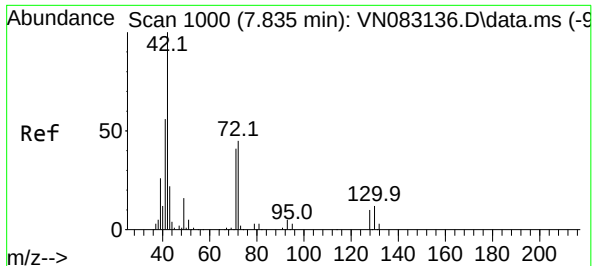
Tgt Ion: 96 Resp: 168555
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 329.6
 98 64.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 53.924 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Tgt Ion: 49 Resp: 73931
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 74.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 239.202 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

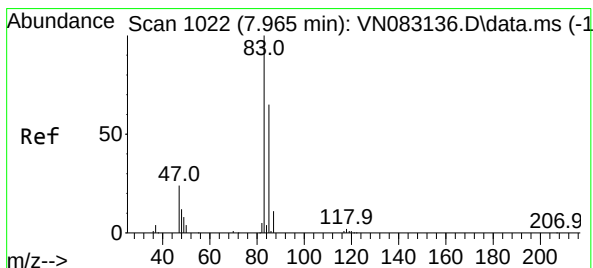
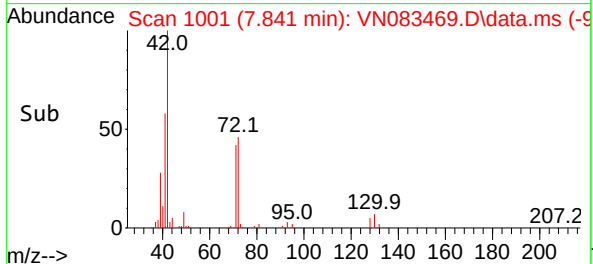
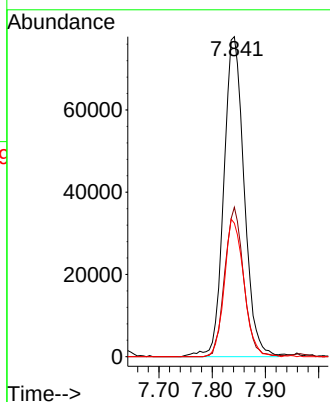
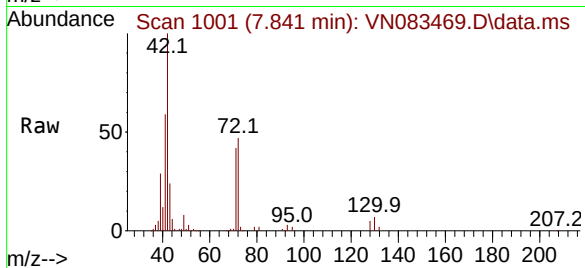
Tgt Ion: 42 Resp: 206699

Ion Ratio Lower Upper

42 100

72 43.4 30.0 45.0

71 41.2 28.3 42.5



#30

Chloroform

Concen: 51.596 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083469.D

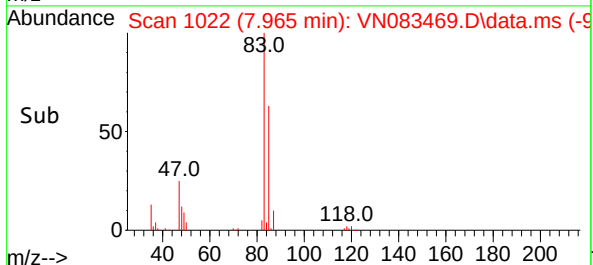
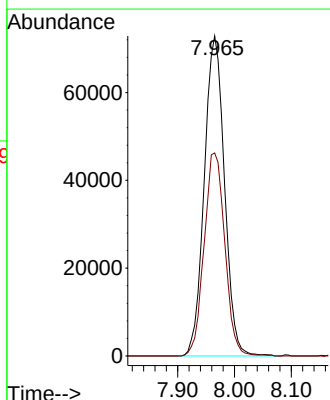
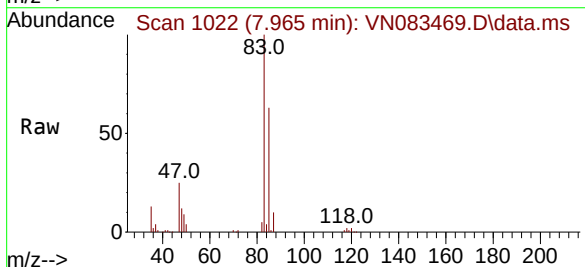
Acq: 23 Aug 2024 18:45

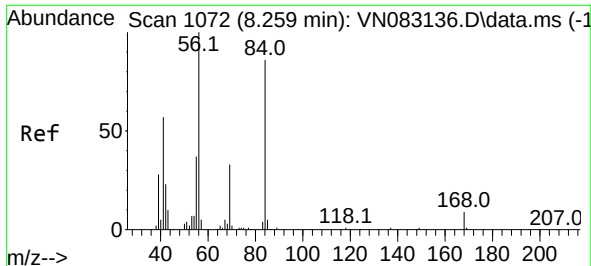
Tgt Ion: 83 Resp: 179832

Ion Ratio Lower Upper

83 100

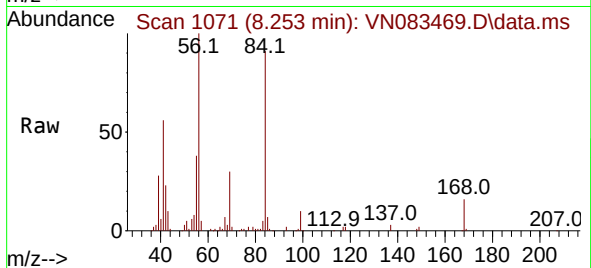
85 63.4 50.9 76.3



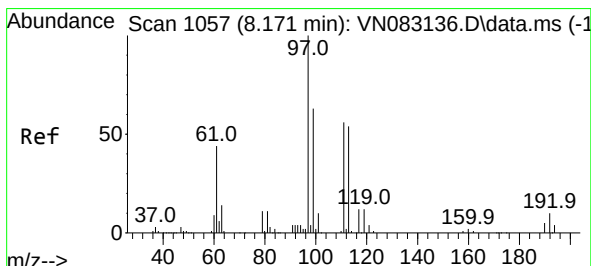
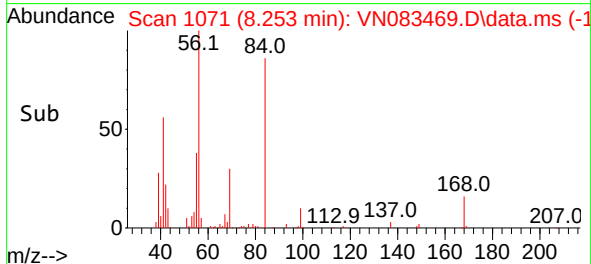
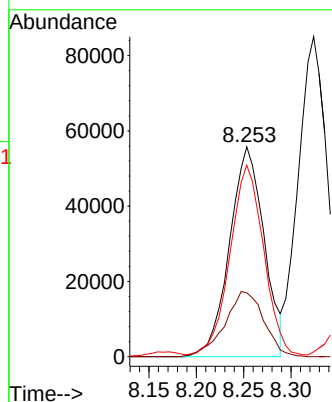


#31
Cyclohexane
Concen: 42.862 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

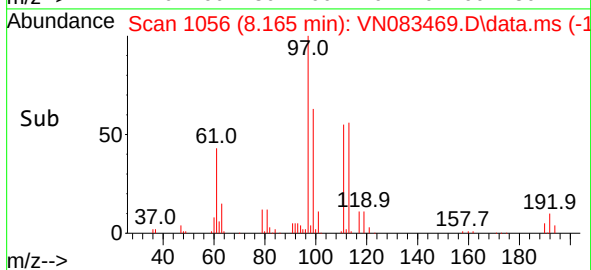
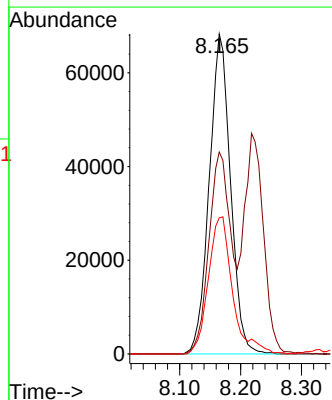
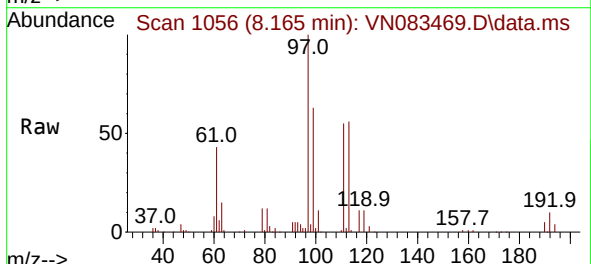


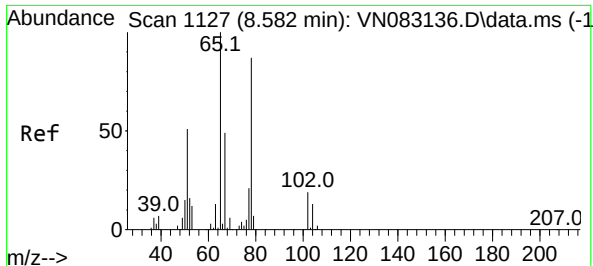
Tgt Ion: 56 Resp: 141320
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 89.8 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 50.160 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 97 Resp: 165483
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 48.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.131 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

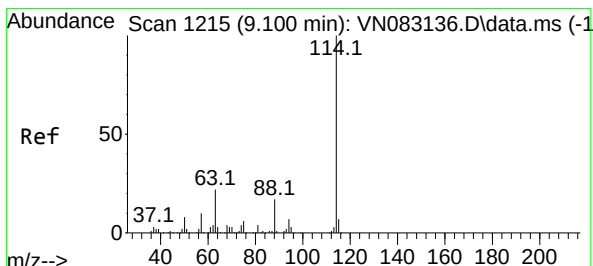
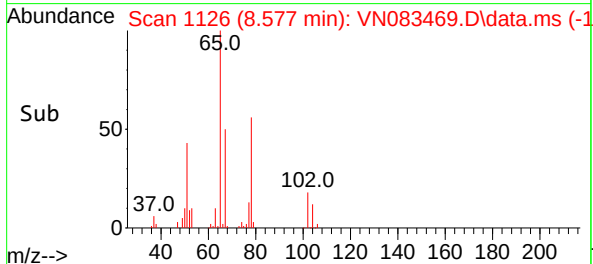
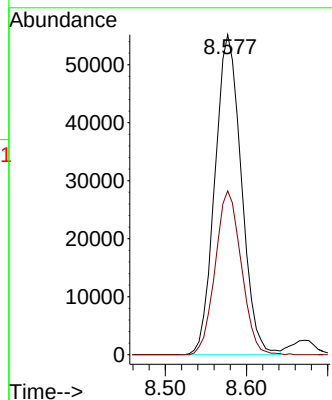
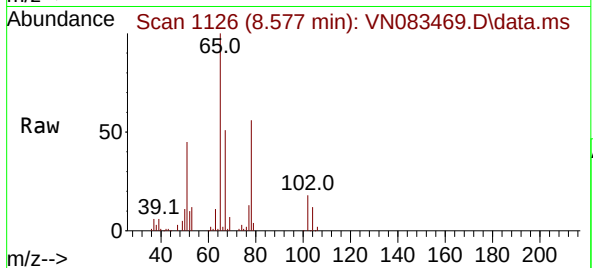
ClientSampleId :

Tgt Ion: 65 Resp: 124883

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

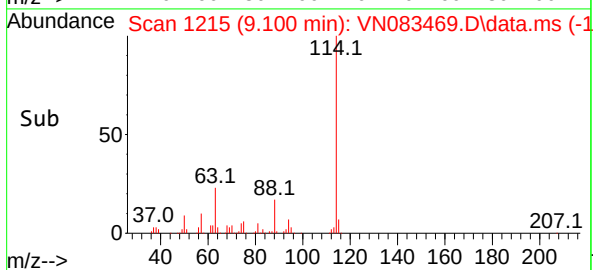
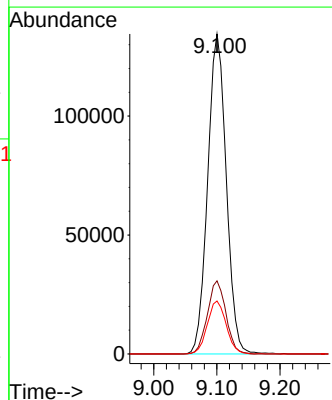
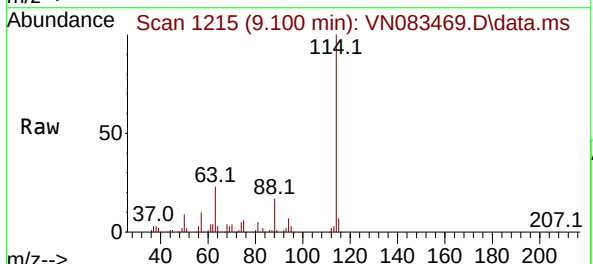
Tgt Ion: 114 Resp: 275316

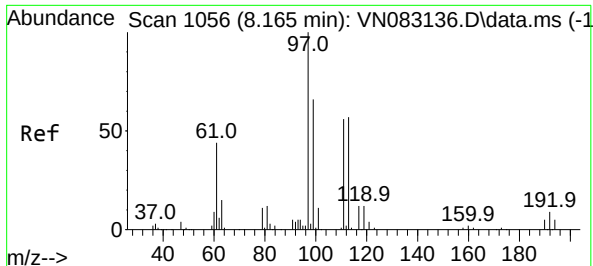
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.6 0.0 31.4

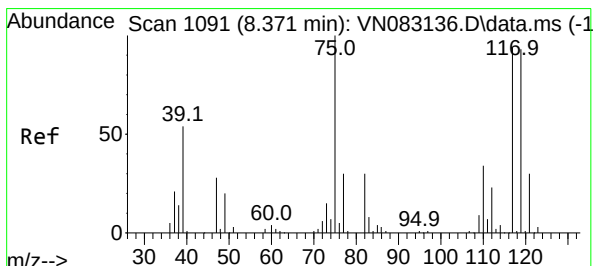
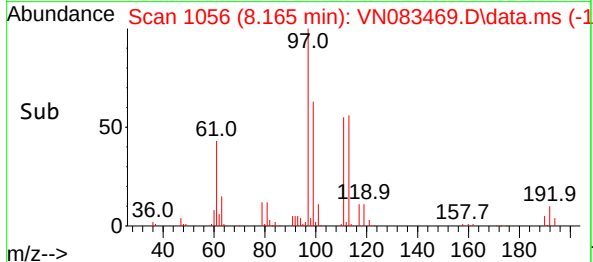
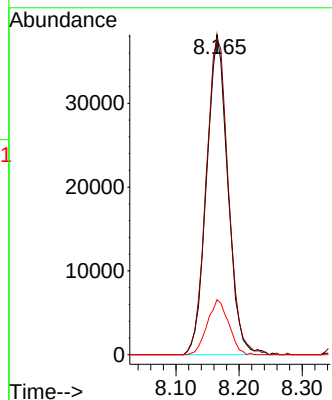
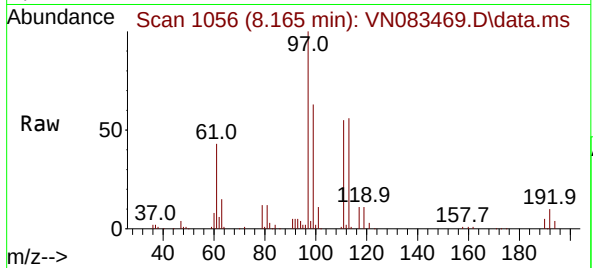




#35
Dibromofluoromethane
Concen: 51.953 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

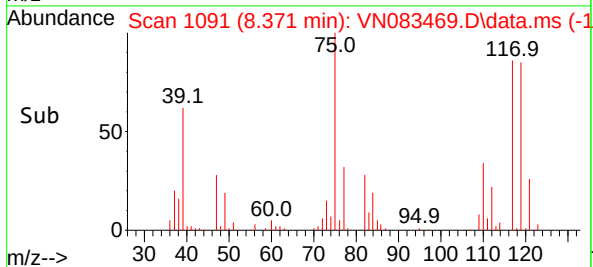
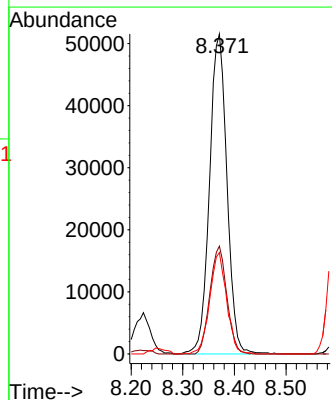
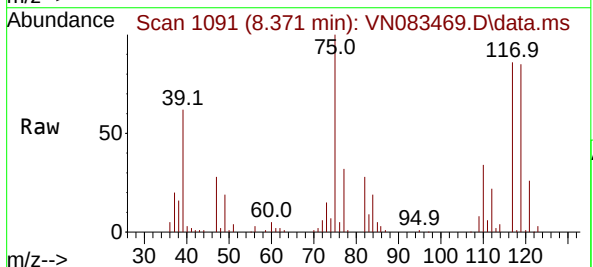
Instrument :
MSVOA_N
ClientSampleId :

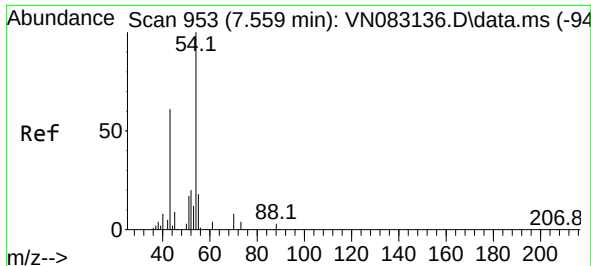
Tgt Ion:113 Resp: 89279
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 46.442 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

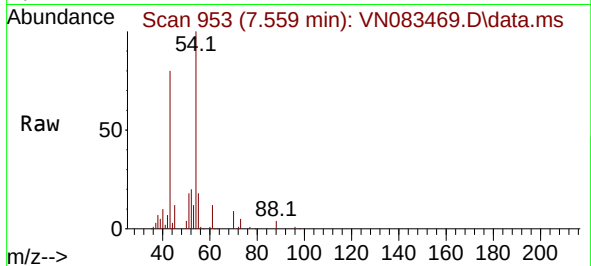
Tgt Ion: 75 Resp: 120728
Ion Ratio Lower Upper
75 100
110 32.6 16.3 48.9
77 30.8 24.6 37.0



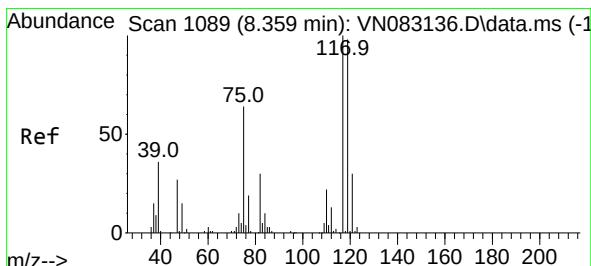
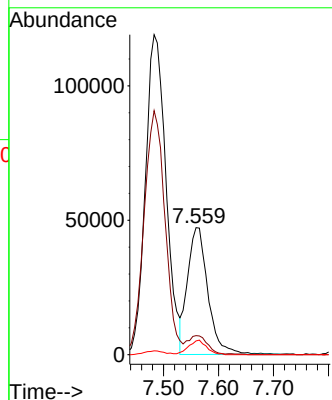
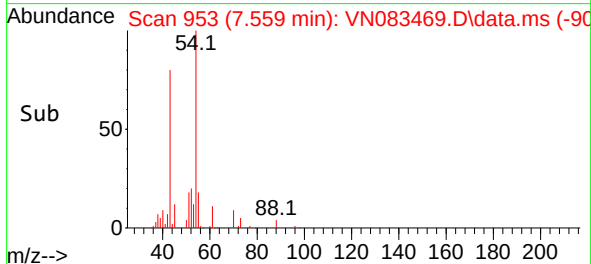


#37
Ethyl Acetate
Concen: 41.698 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

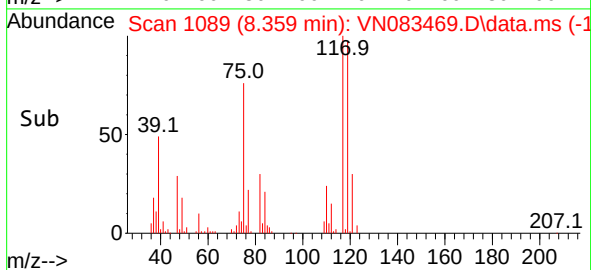
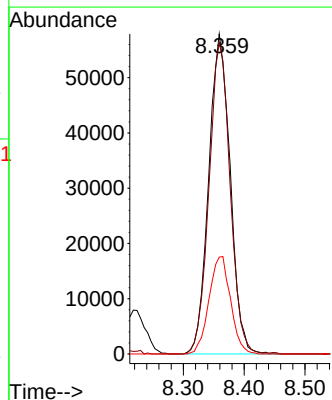
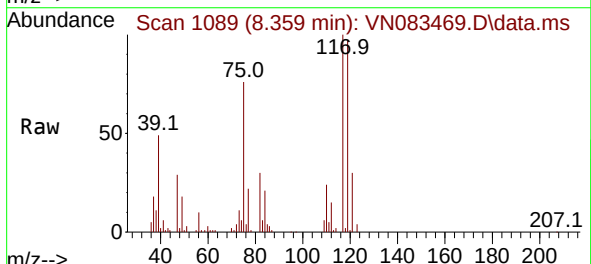


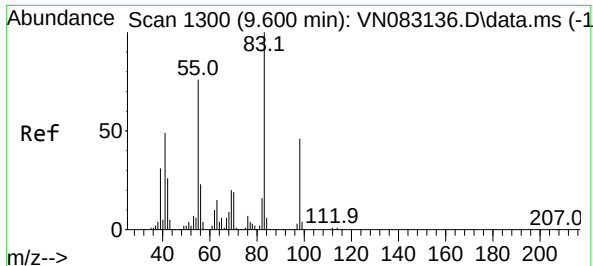
Tgt Ion: 43 Resp: 121369
Ion Ratio Lower Upper
43 100
61 15.0 9.3 13.9#
70 10.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 48.435 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 117 Resp: 141814
Ion Ratio Lower Upper
117 100
119 97.3 74.9 112.3
121 30.2 24.3 36.5





#39

Methylcyclohexane

Concen: 43.753 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

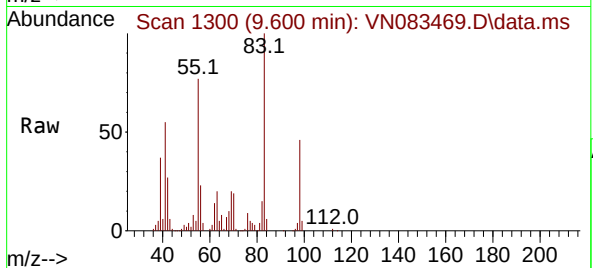
Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :



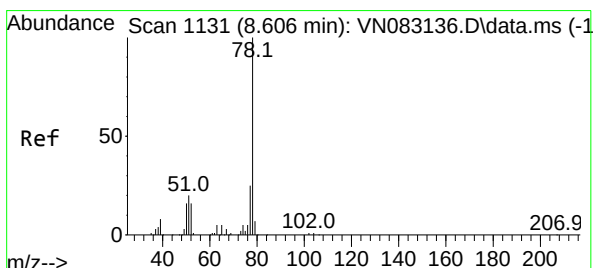
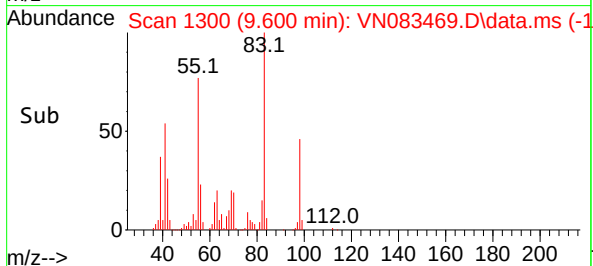
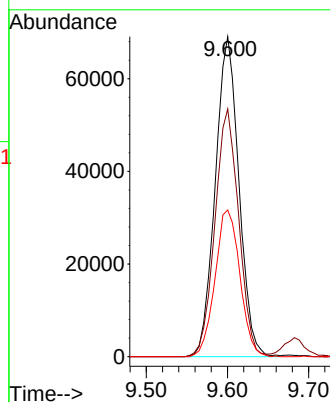
Tgt Ion: 83 Resp: 139701

Ion Ratio Lower Upper

83 100

55 77.4 66.4 99.6

98 45.8 40.7 61.1



#40

Benzene

Concen: 48.438 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083469.D

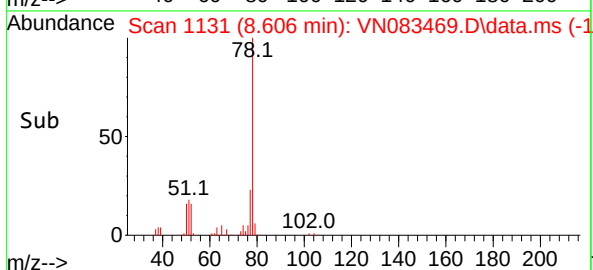
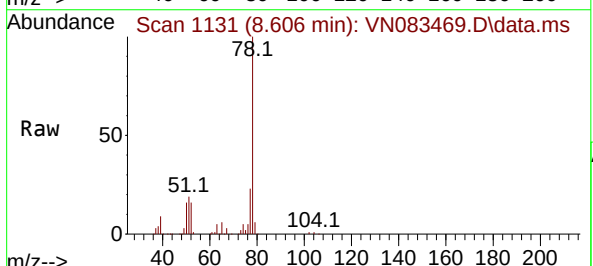
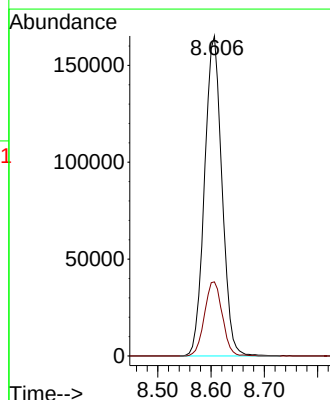
Acq: 23 Aug 2024 18:45

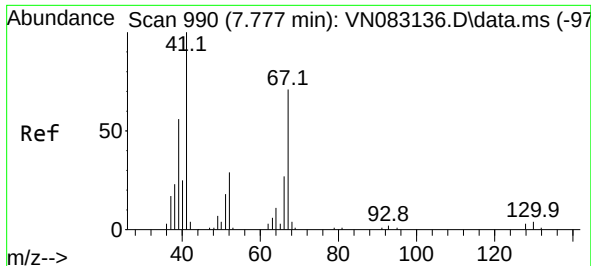
Tgt Ion: 78 Resp: 375110

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

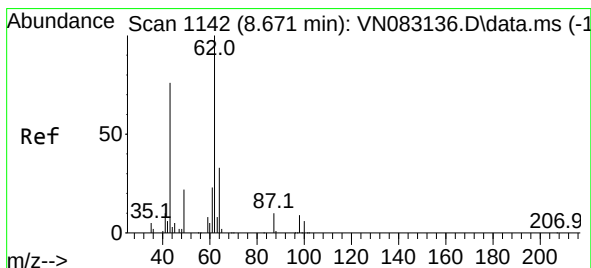
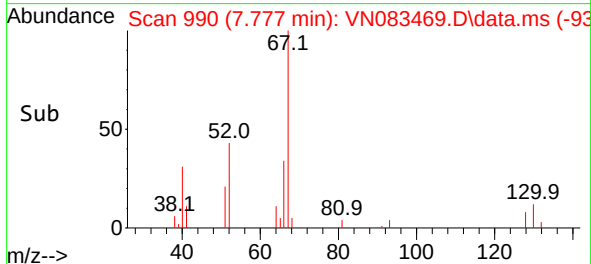
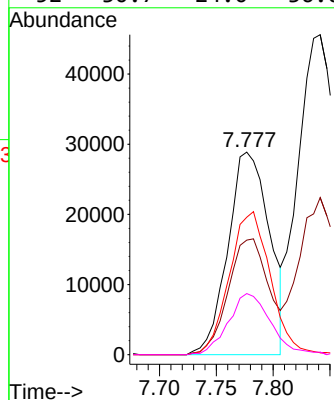
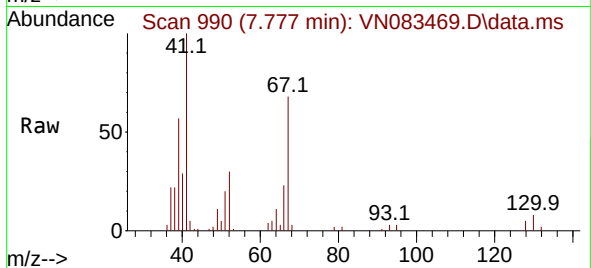




#41
Methacrylonitrile
Concen: 44.399 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

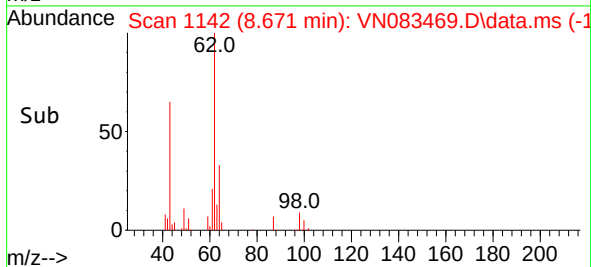
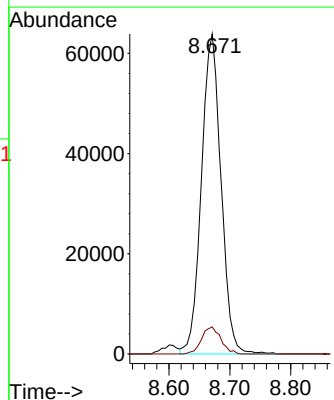
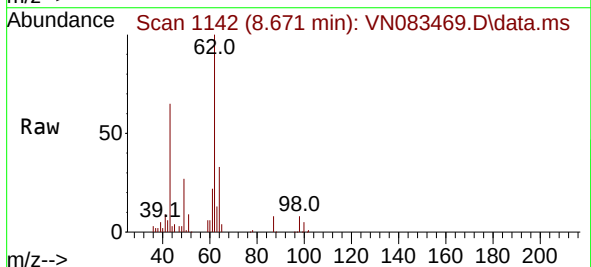
Instrument :
MSVOA_N
ClientSampleId :

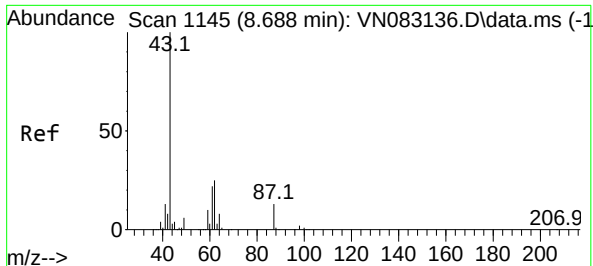
Tgt Ion:	41	Resp:	73478
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.5	68.3
67	70.1	50.5	75.7
52	30.7	24.0	36.0



#42
1,2-Dichloroethane
Concen: 50.644 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:	62	Resp:	142868
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8

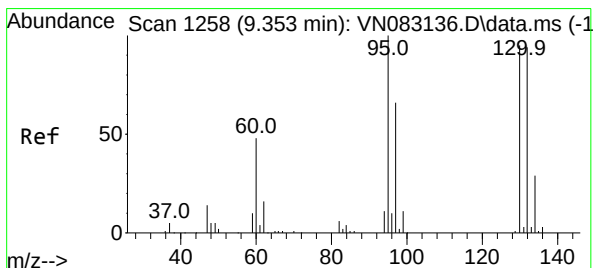
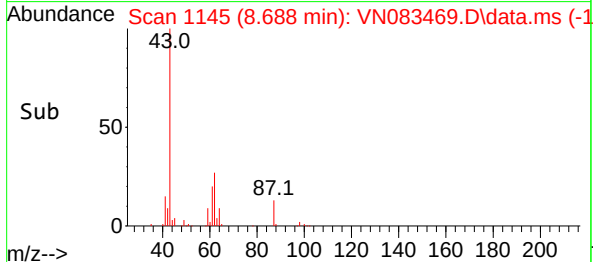
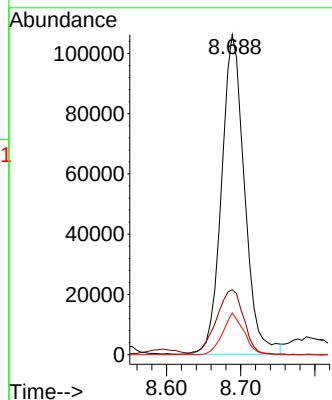
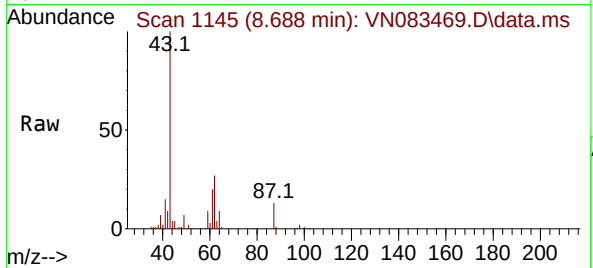




#43
Isopropyl Acetate
Concen: 44.898 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

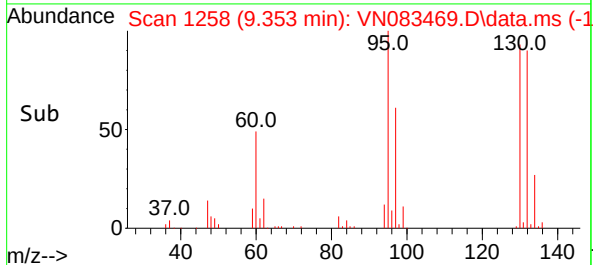
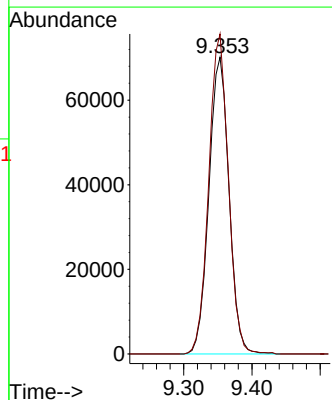
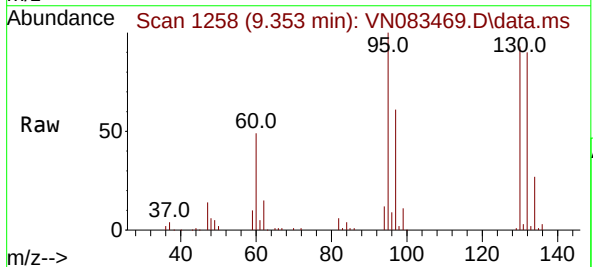
Instrument :
MSVOA_N
ClientSampleId :

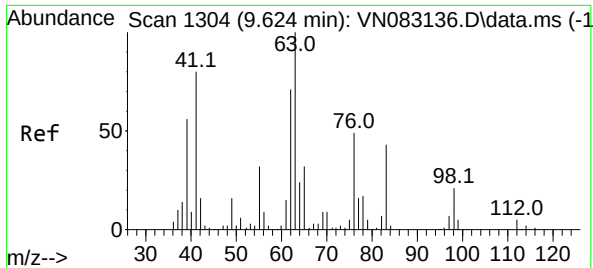
Tgt Ion: 43 Resp: 228291
Ion Ratio Lower Upper
43 100
61 24.3 17.8 26.6
87 12.0 8.2 12.2



#44
Trichloroethene
Concen: 78.153 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:130 Resp: 144058
Ion Ratio Lower Upper
130 100
95 107.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.849 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

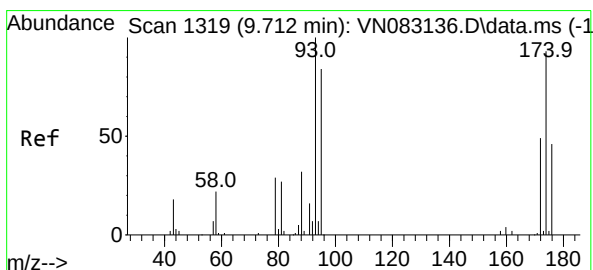
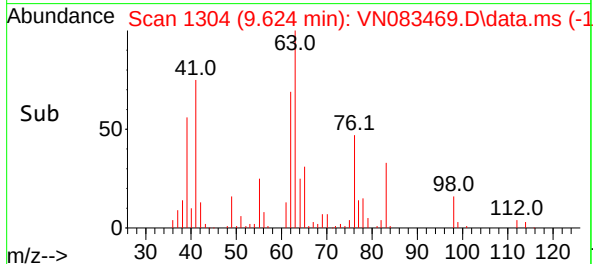
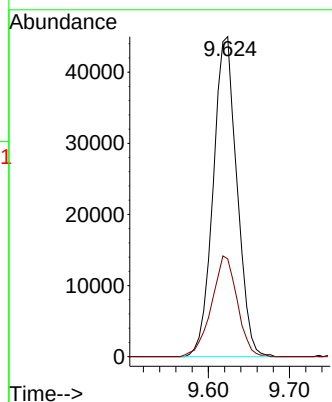
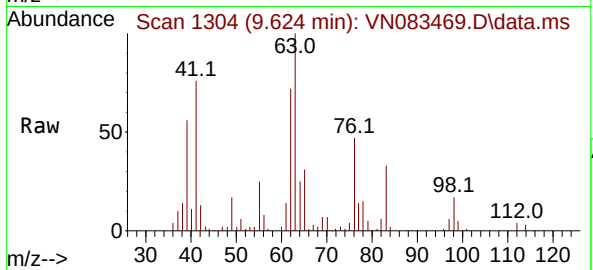
ClientSampleId :

Tgt Ion: 63 Resp: 91635

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 50.662 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

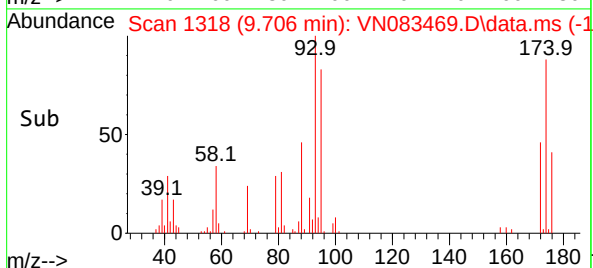
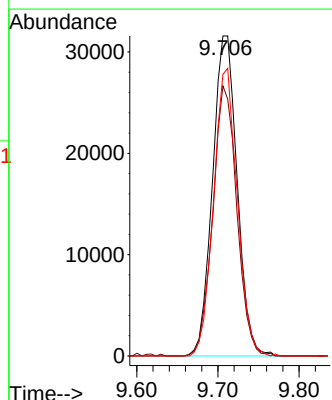
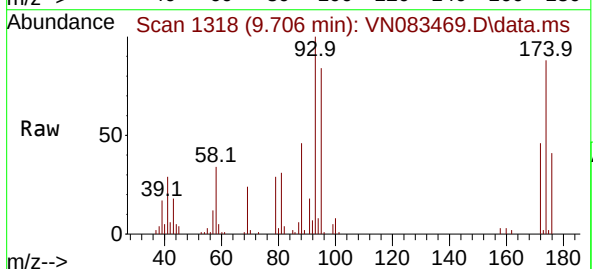
Tgt Ion: 93 Resp: 66659

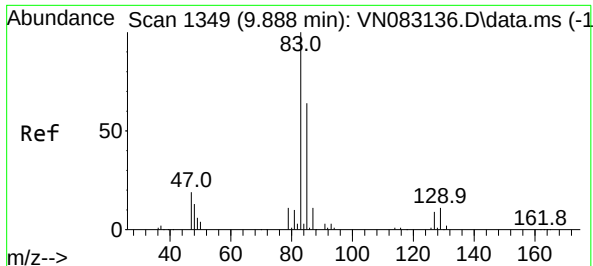
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

174 86.6 71.7 107.5

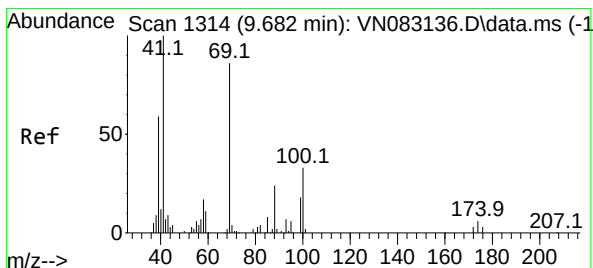
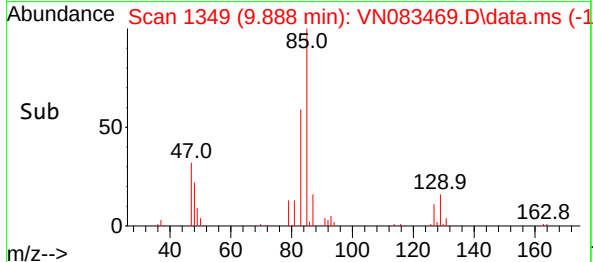
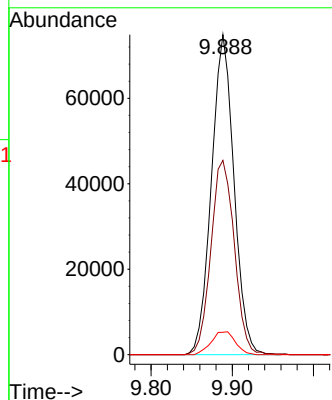
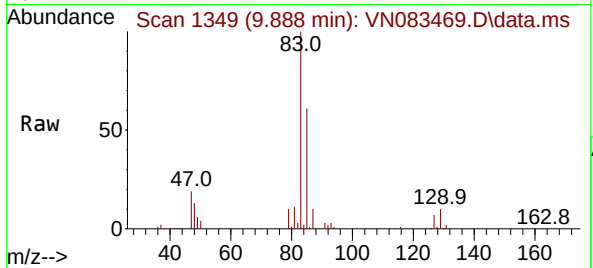




#47
Bromodichloromethane
Concen: 48.911 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

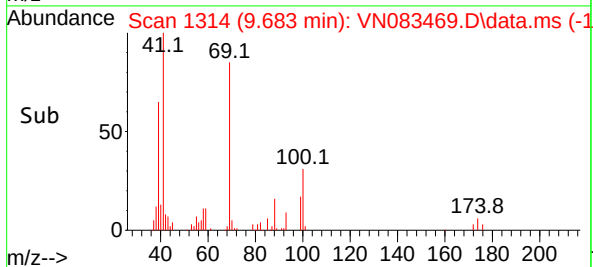
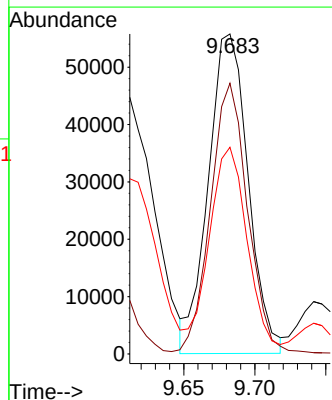
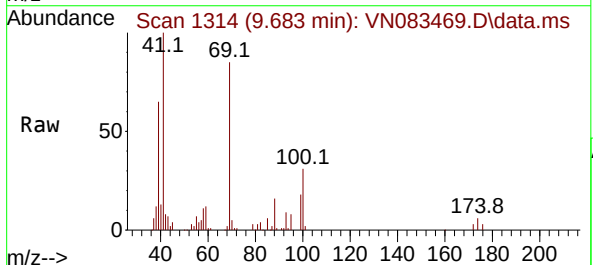
Instrument :
MSVOA_N
ClientSampleId :

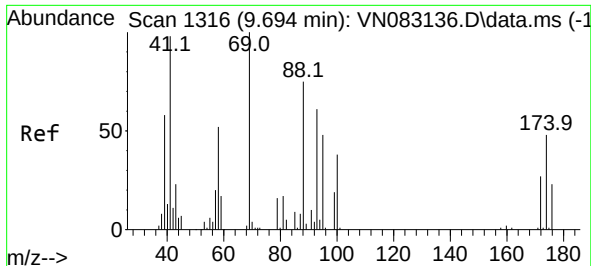
Tgt Ion: 83 Resp: 144500
Ion Ratio Lower Upper
83 100
85 60.7 51.1 76.7
127 7.0 7.2 10.8#



#48
Methyl methacrylate
Concen: 45.205 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 41 Resp: 108780
Ion Ratio Lower Upper
41 100
69 79.7 56.3 84.5
39 62.9 50.3 75.5





#49

1,4-Dioxane

Concen: 898.645 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

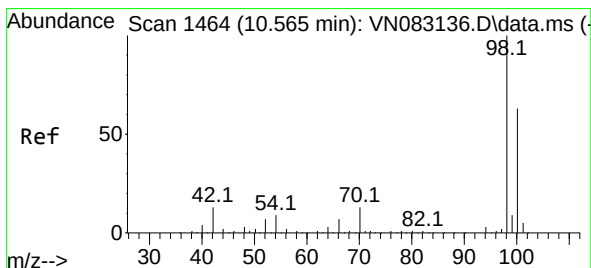
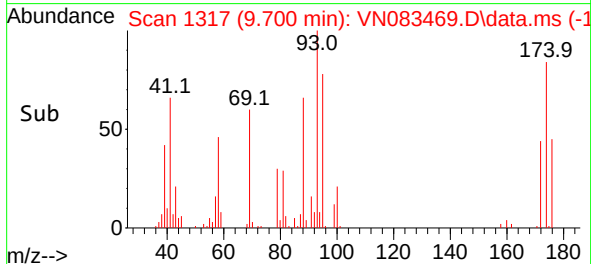
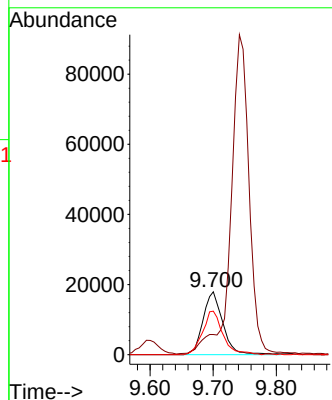
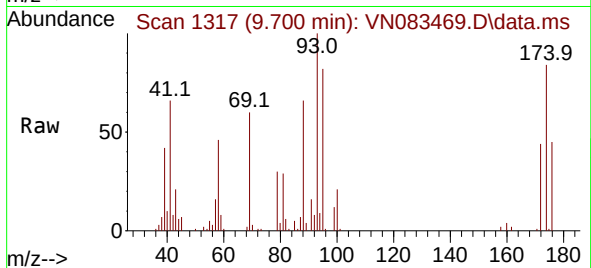
Tgt Ion: 88 Resp: 39013

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 71.0 59.4 89.0



#50

Toluene-d8

Concen: 51.553 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083469.D

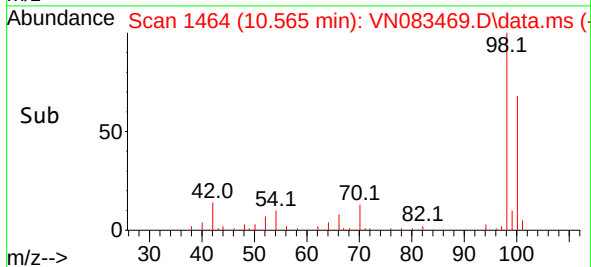
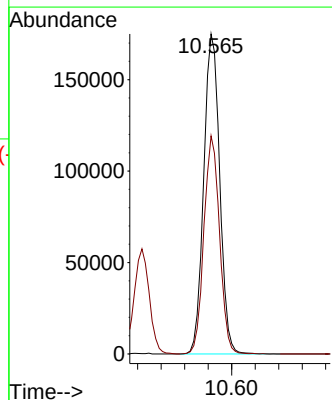
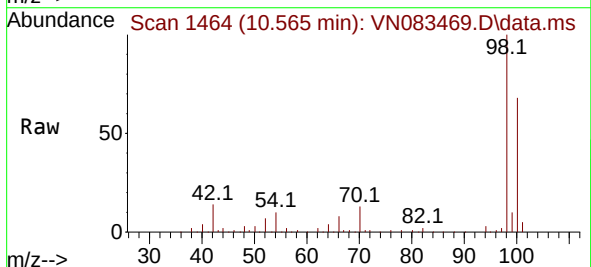
Acq: 23 Aug 2024 18:45

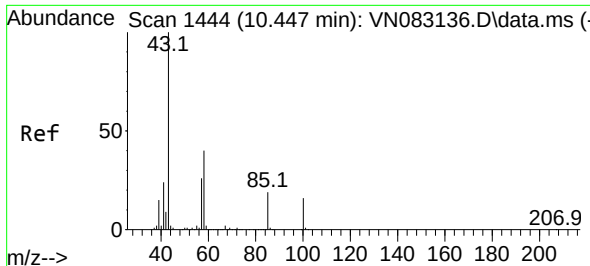
Tgt Ion: 98 Resp: 330468

Ion Ratio Lower Upper

98 100

100 66.7 51.5 77.3

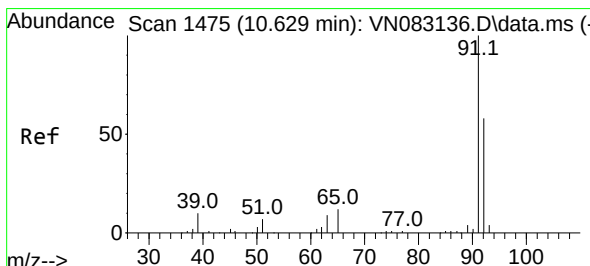
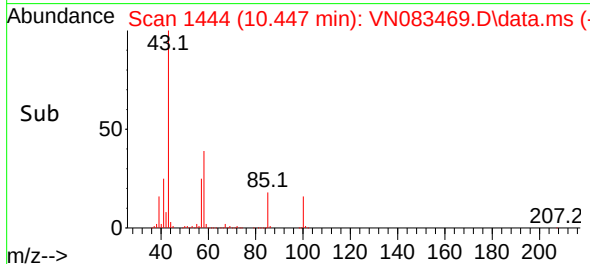
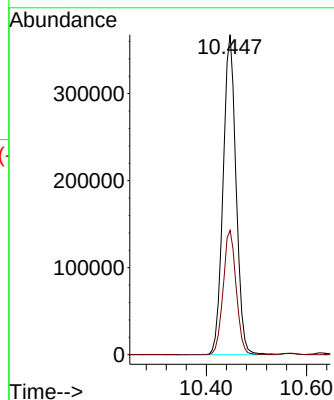
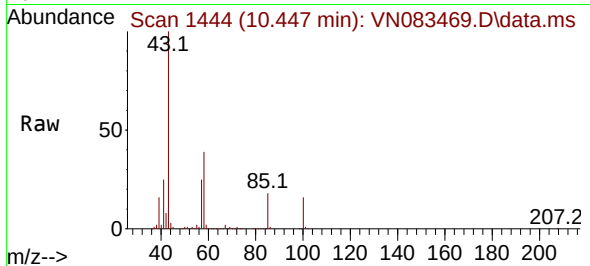




#51
4-Methyl-2-Pentanone
Concen: 239.712 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

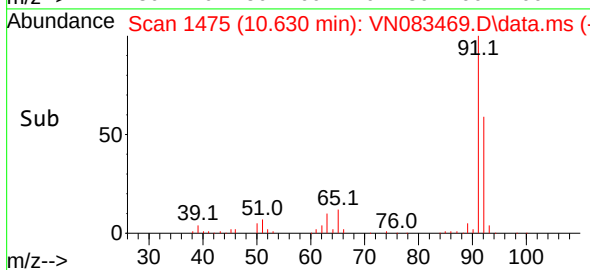
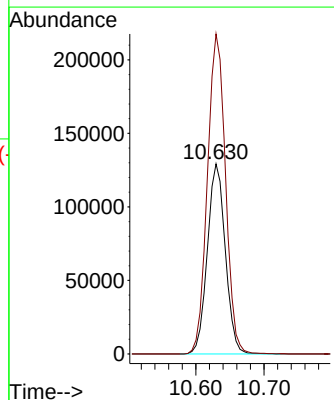
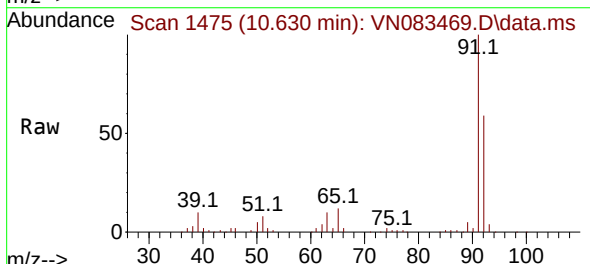
Instrument :
MSVOA_N
ClientSampleId :

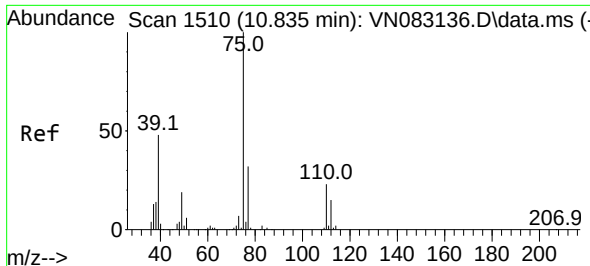
Tgt Ion: 43 Resp: 659784
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.4



#52
Toluene
Concen: 48.412 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 92 Resp: 236884
Ion Ratio Lower Upper
92 100
91 169.9 139.4 209.0

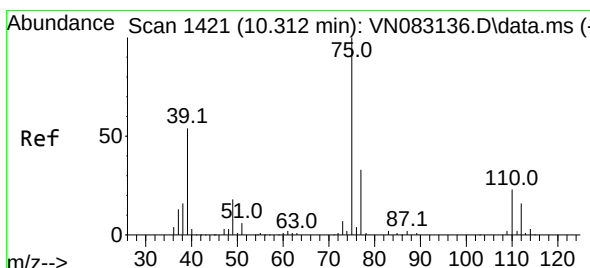
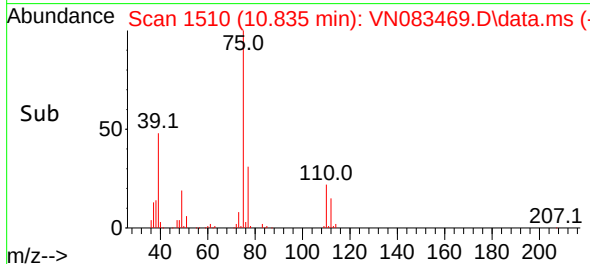
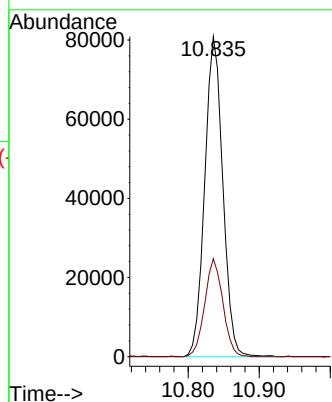
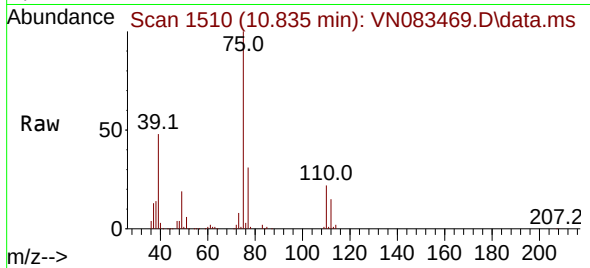




#53
 t-1,3-Dichloropropene
 Concen: 47.170 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

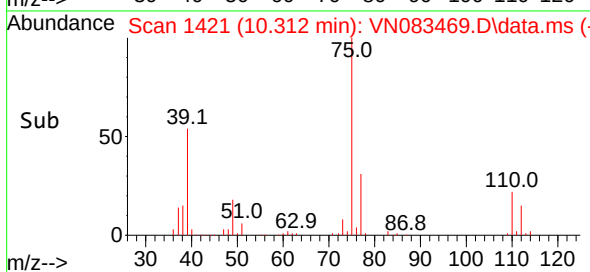
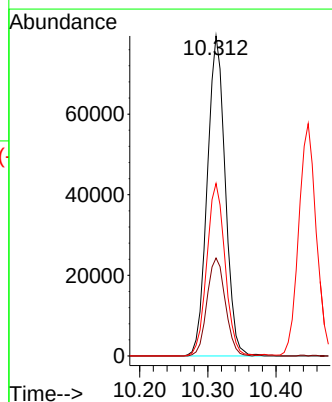
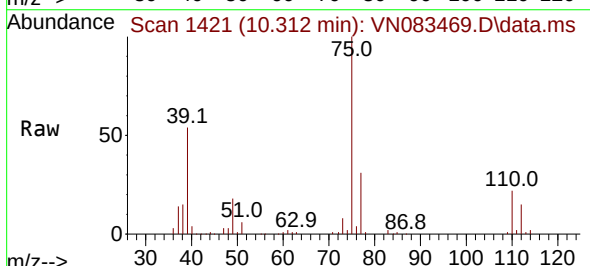
Instrument :
 MSVOA_N
 ClientSampleId :

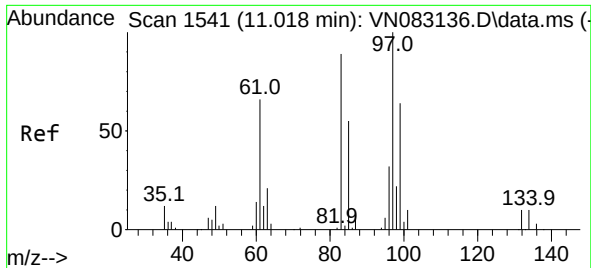
Tgt Ion: 75 Resp: 143147
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 45.143 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

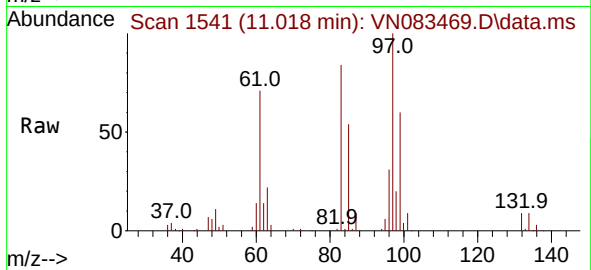
Tgt Ion: 75 Resp: 145717
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.3 36.5
 39 53.9 50.5 75.7



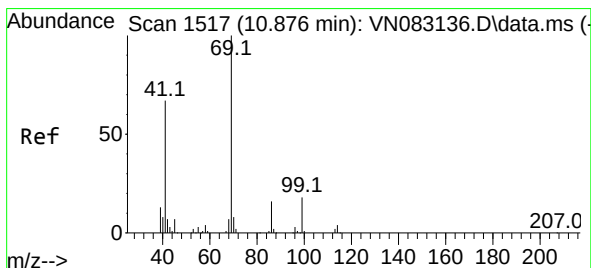
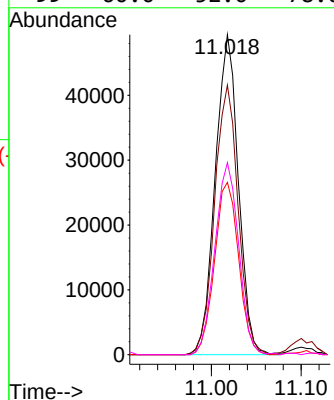
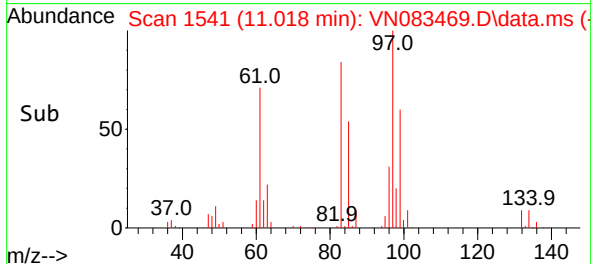


#55
1,1,2-Trichloroethane
Concen: 50.449 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

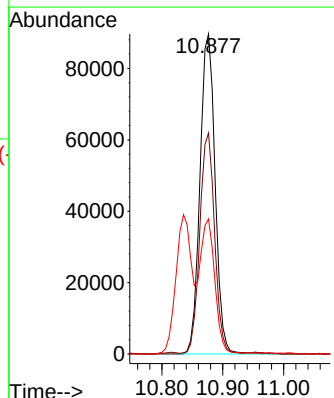
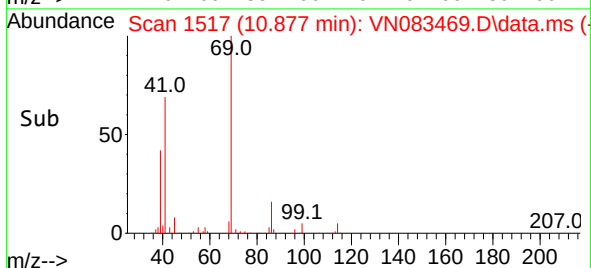
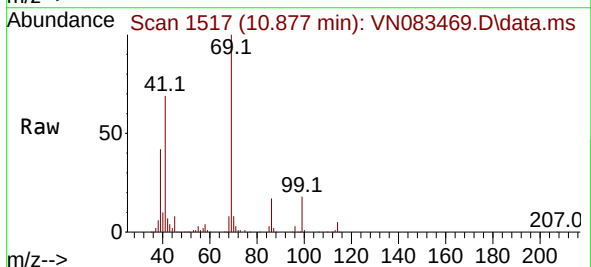


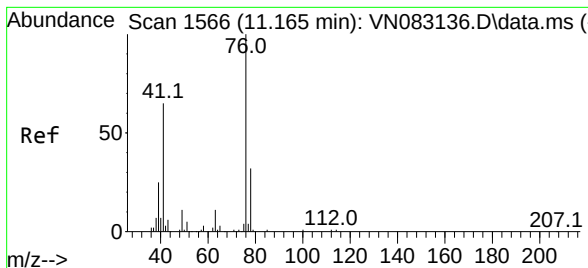
Tgt Ion:	97	Resp:	88463
Ion	Ratio	Lower	Upper
97	100		
83	84.2	71.4	107.0
85	53.8	45.8	68.6
99	60.0	52.0	78.0



#56
Ethyl methacrylate
Concen: 46.740 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:	69	Resp:	154507
Ion	Ratio	Lower	Upper
69	100		
41	67.1	63.4	95.2
39	41.8	37.4	56.0

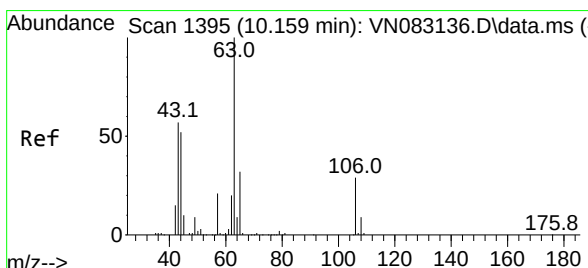
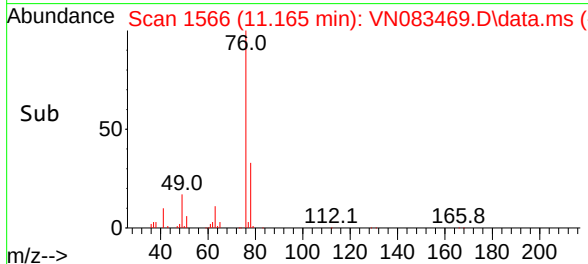
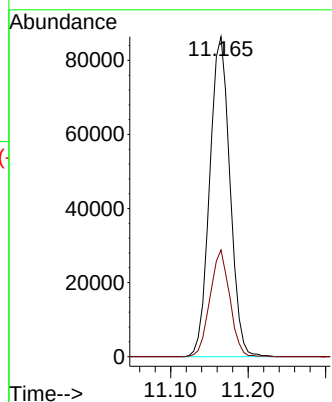
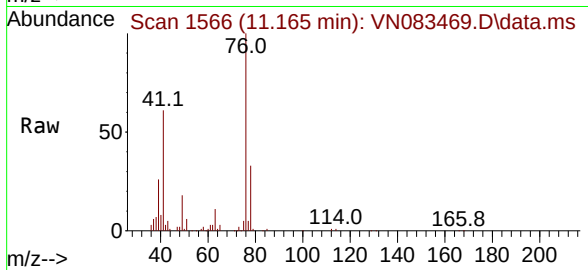




#57
1,3-Dichloropropane
Concen: 50.173 ug/l
RT: 11.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

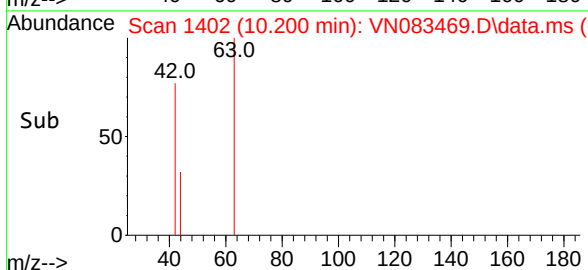
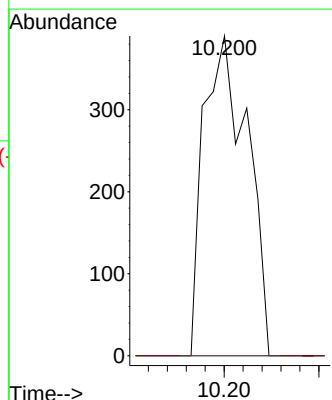
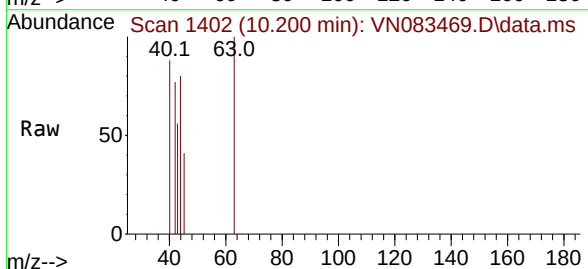
Instrument :
MSVOA_N
ClientSampleId :

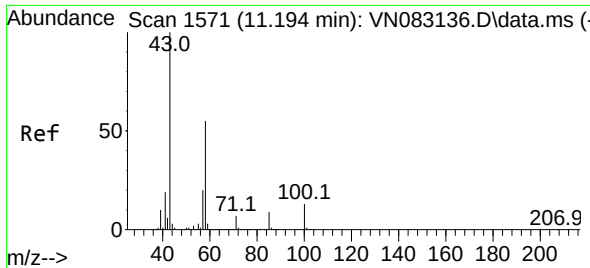
Tgt Ion: 76 Resp: 156816
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 0.447 ug/l
RT: 10.200 min Scan# 1402
Delta R.T. 0.041 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 63 Resp: 624
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

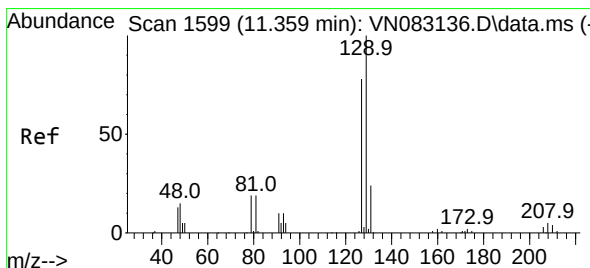
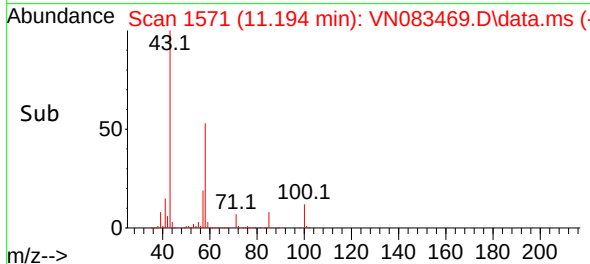
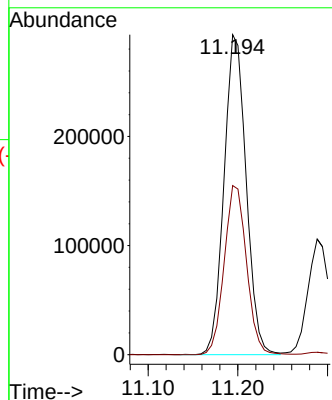
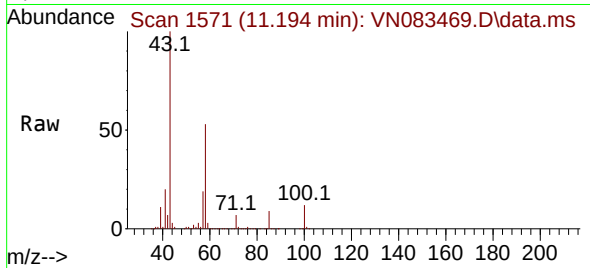




#59
2-Hexanone
Concen: 235.776 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

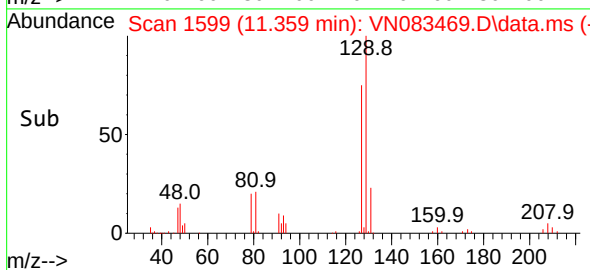
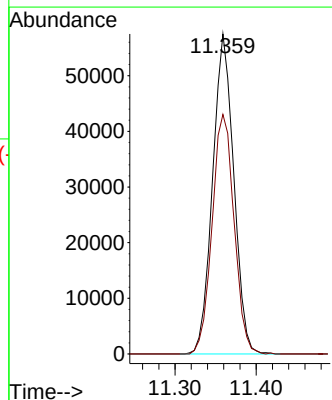
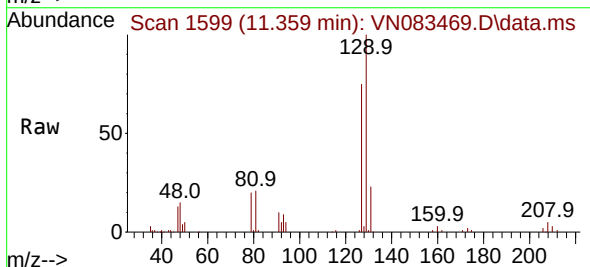
Instrument :
MSVOA_N
ClientSampleId :

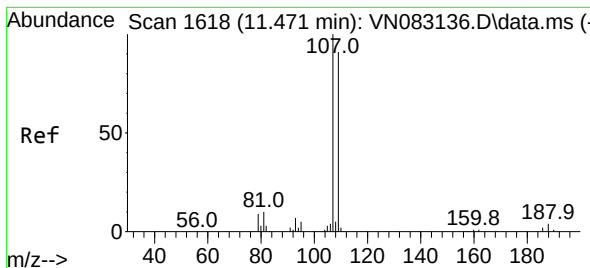
Tgt Ion: 43 Resp: 502054
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.8



#60
Dibromochloromethane
Concen: 49.078 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:129 Resp: 104050
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 48.231 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

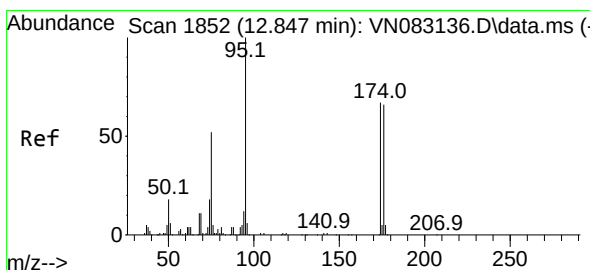
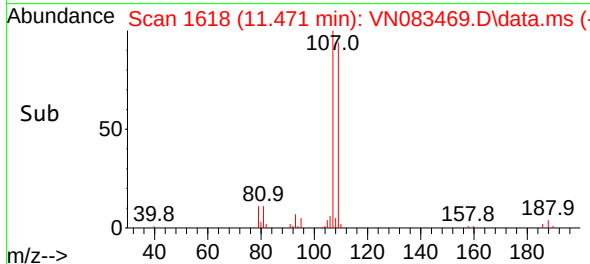
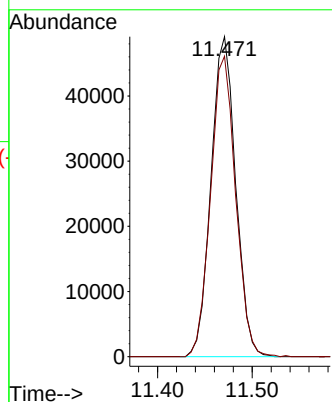
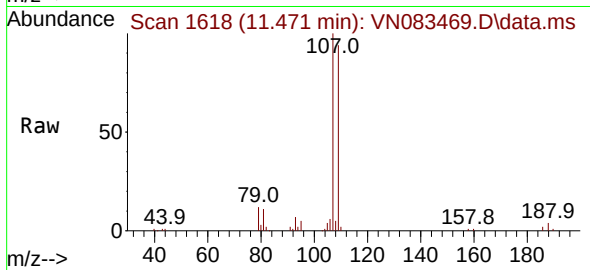
ClientSampleId :

Tgt Ion:107 Resp: 88845

Ion Ratio Lower Upper

107 100

109 95.2 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 53.341 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

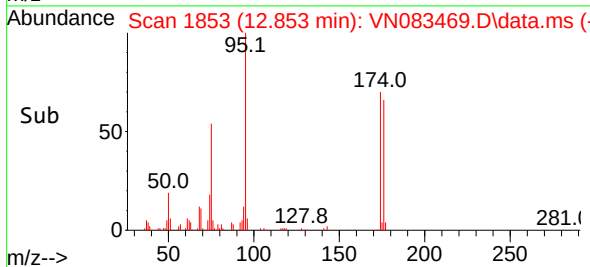
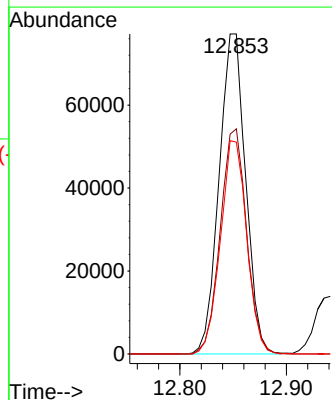
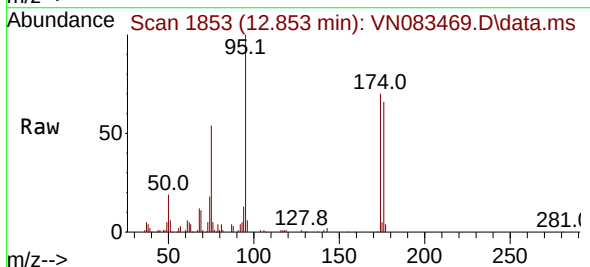
Tgt Ion: 95 Resp: 133304

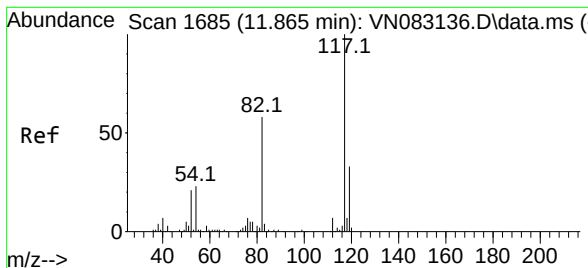
Ion Ratio Lower Upper

95 100

174 69.8 0.0 159.2

176 65.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

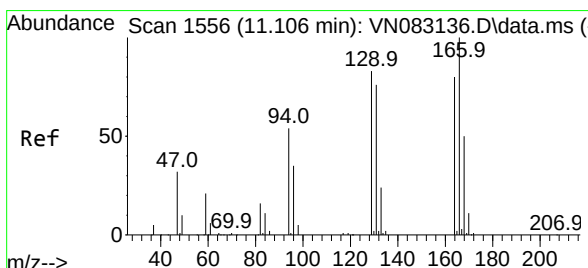
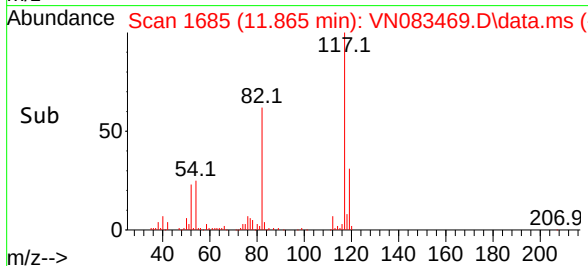
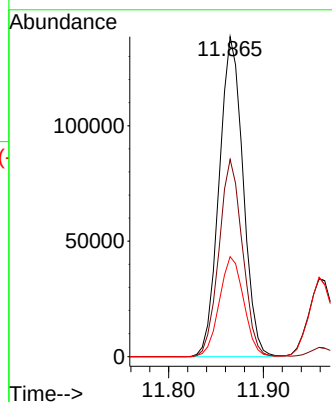
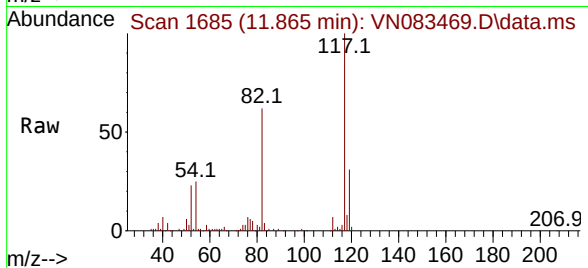
Tgt Ion:117 Resp: 243349

Ion Ratio Lower Upper

117 100

82 61.7 47.5 71.3

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 110.678 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Tgt Ion:164 Resp: 178373

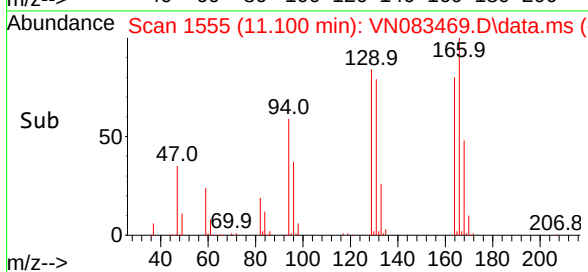
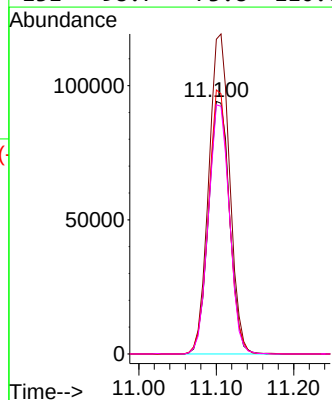
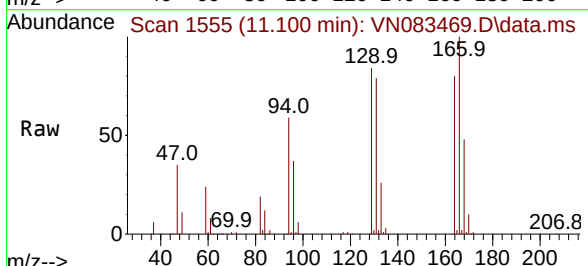
Ion Ratio Lower Upper

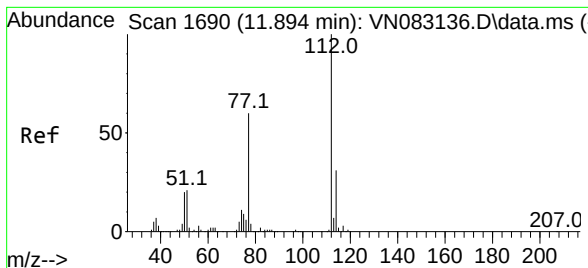
164 100

166 124.7 101.4 152.0

129 104.6 75.7 113.5

131 98.7 73.8 110.6

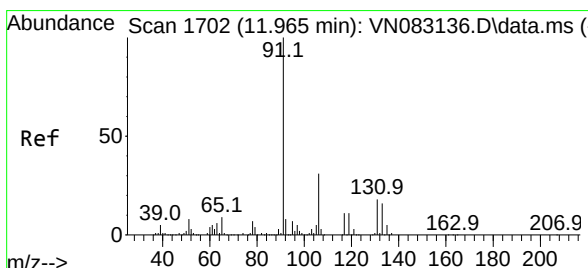
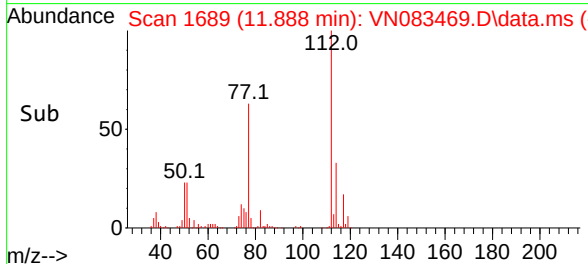
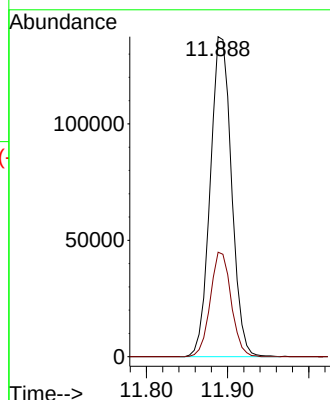
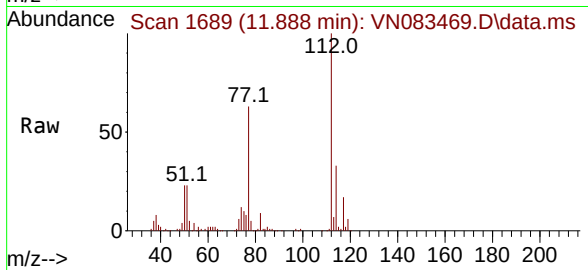




#65
Chlorobenzene
Concen: 46.496 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

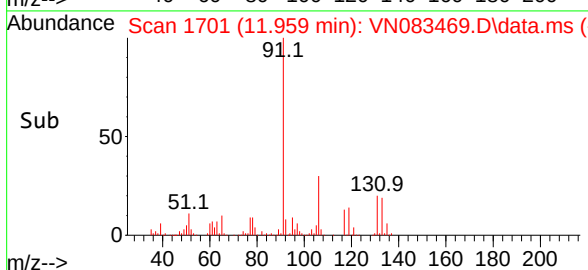
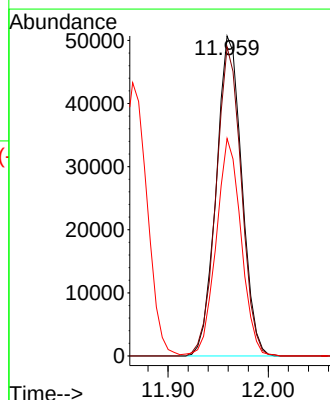
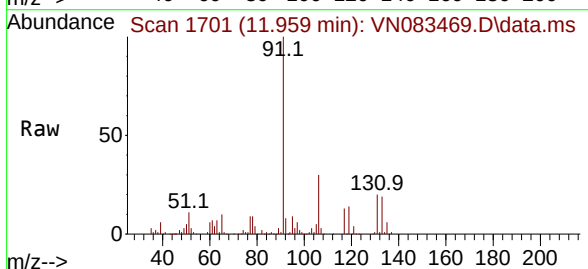
Instrument :
MSVOA_N
ClientSampleId :

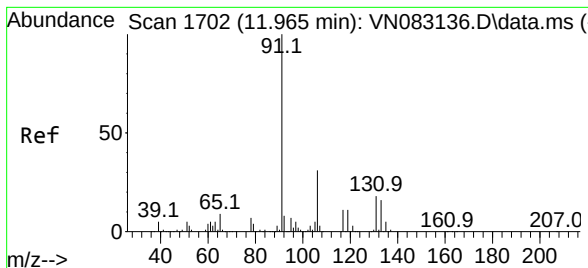
Tgt Ion:112 Resp: 250043
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.342 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:131 Resp: 89790
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.1 32.5 97.4

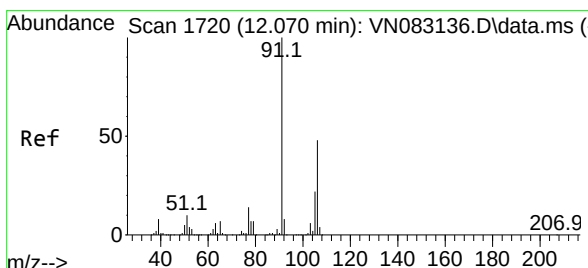
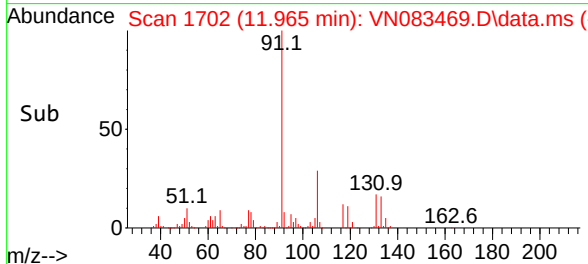
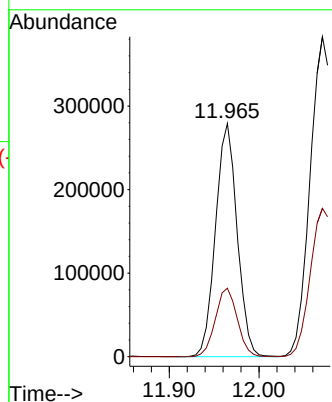
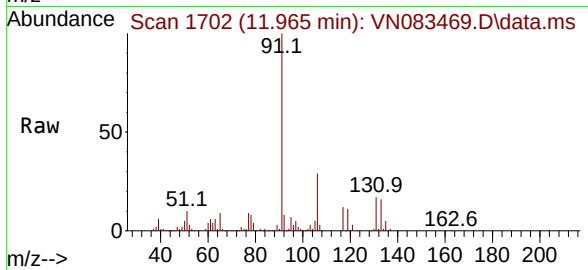




#67
Ethyl Benzene
Concen: 47.243 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

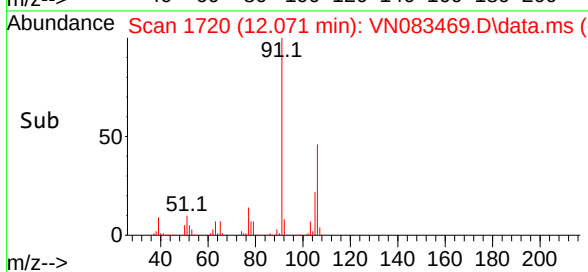
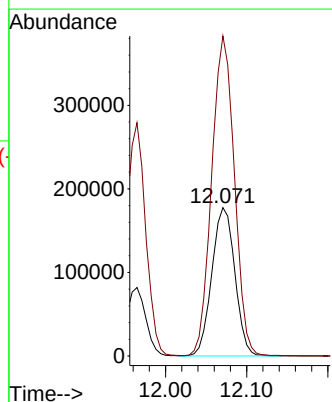
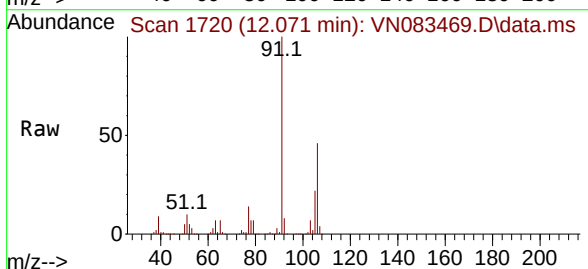
Instrument :
MSVOA_N
ClientSampleId :

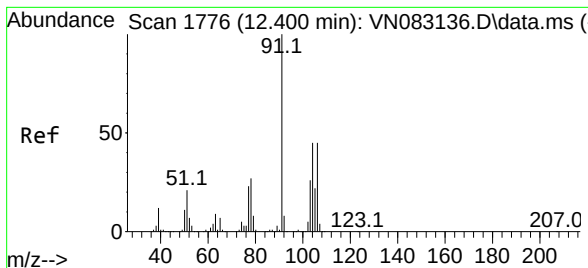
Tgt Ion: 91 Resp: 466061
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0



#68
m/p-Xylenes
Concen: 94.541 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 106 Resp: 349373
Ion Ratio Lower Upper
106 100
91 213.6 166.1 249.1





#69

o-Xylene

Concen: 46.696 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

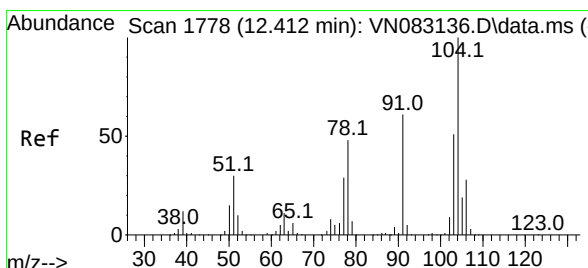
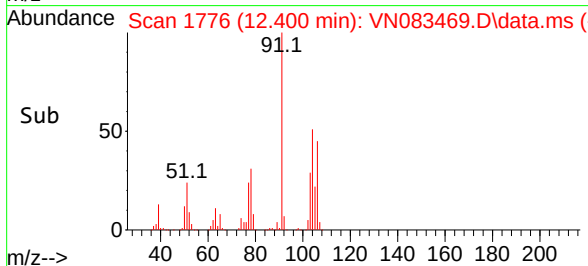
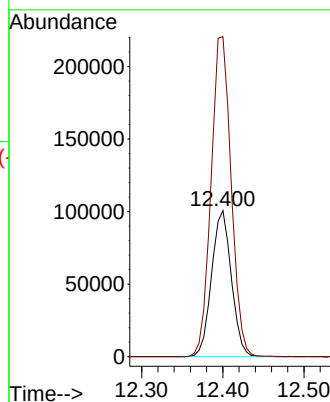
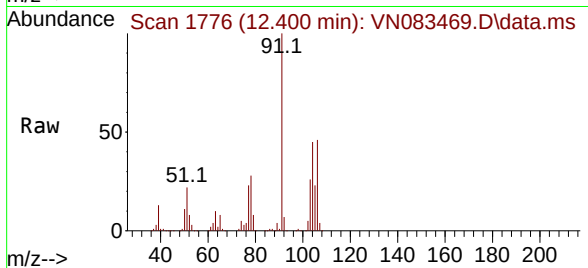
ClientSampleId :

Tgt Ion:106 Resp: 170193

Ion Ratio Lower Upper

106 100

91 223.0 111.3 333.9



#70

Styrene

Concen: 46.860 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

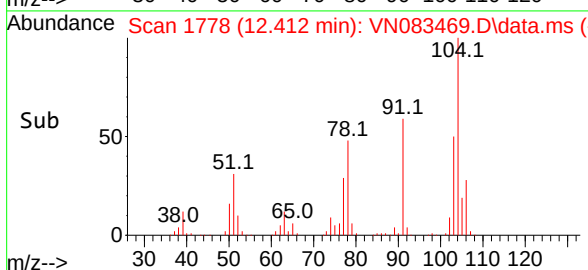
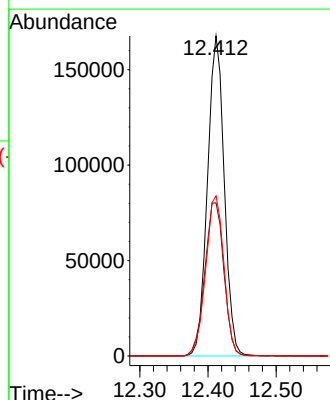
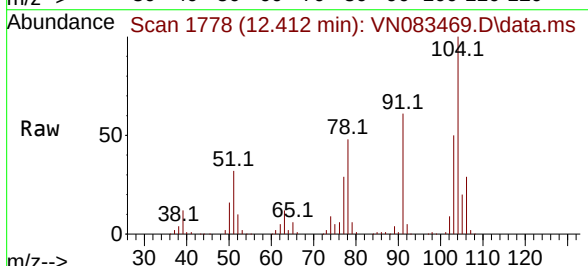
Tgt Ion:104 Resp: 286849

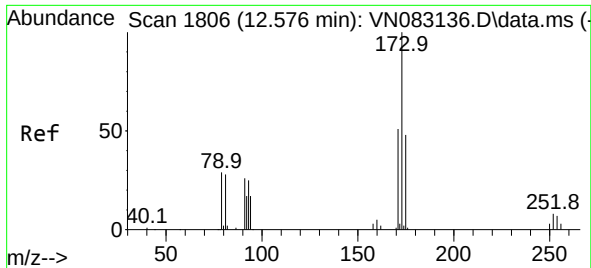
Ion Ratio Lower Upper

104 100

78 54.5 41.6 62.4

103 54.5 44.0 66.0

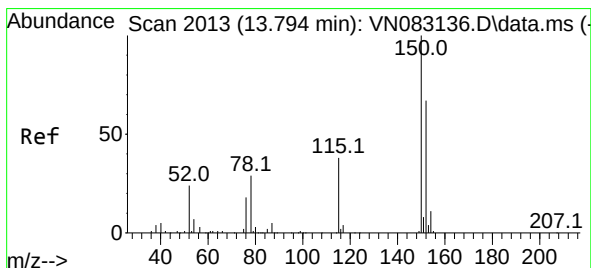
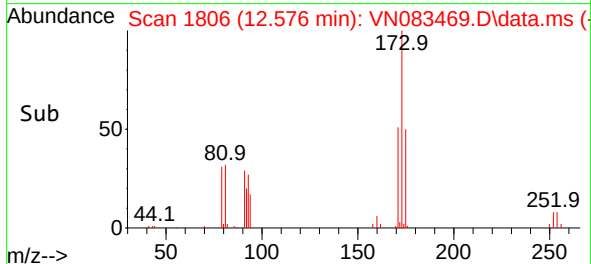
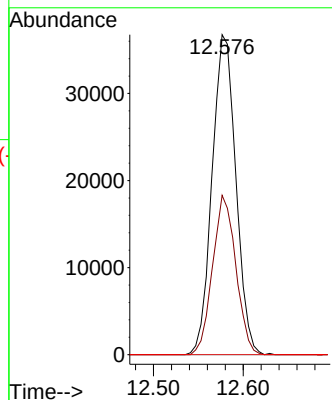
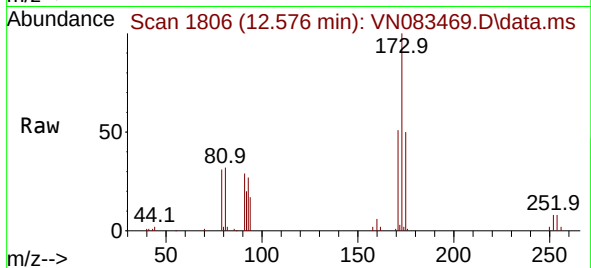




#71
Bromoform
Concen: 46.993 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

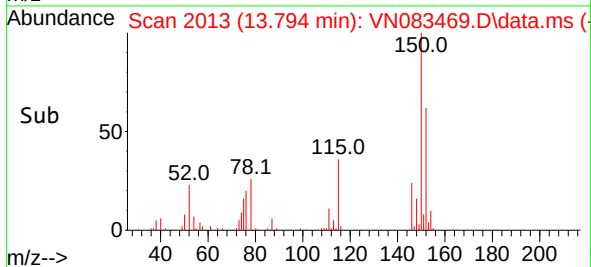
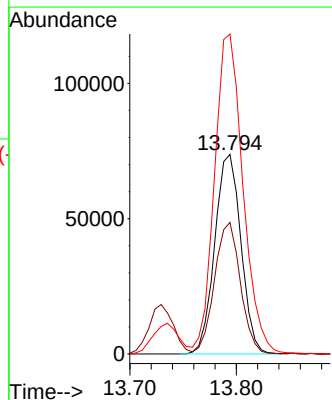
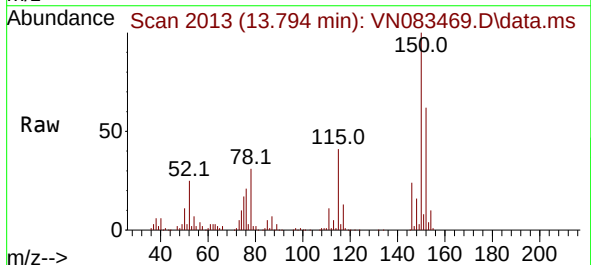
Instrument :
MSVOA_N
ClientSampleId :

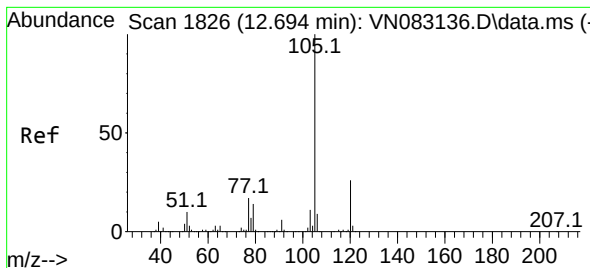
Tgt Ion:173 Resp: 67521
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:152 Resp: 125992
Ion Ratio Lower Upper
152 100
115 65.1 30.6 91.6
150 174.4 0.0 348.6





#73

Isopropylbenzene

Concen: 41.310 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

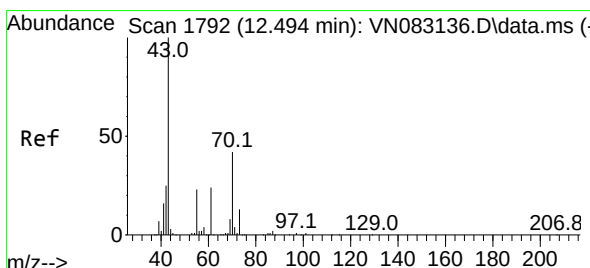
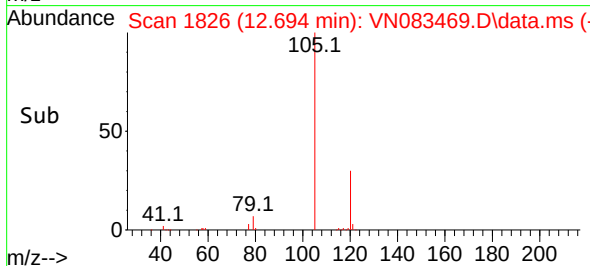
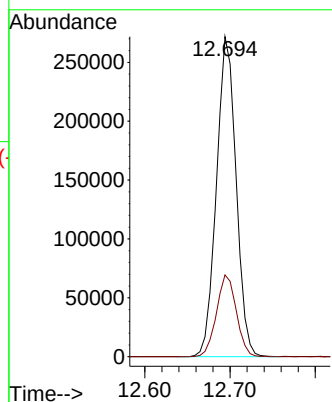
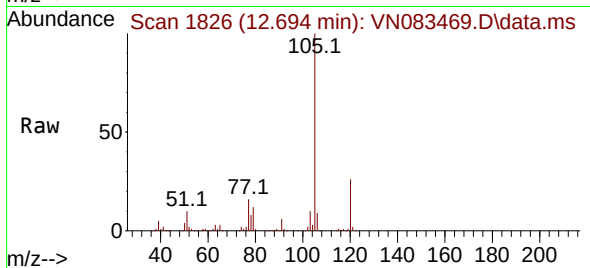
ClientSampleId :

Tgt Ion:105 Resp: 435341

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 37.182 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Tgt Ion: 43 Resp: 191660

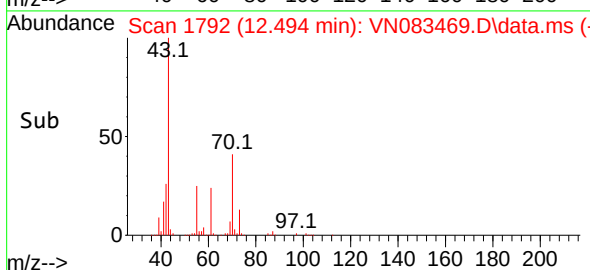
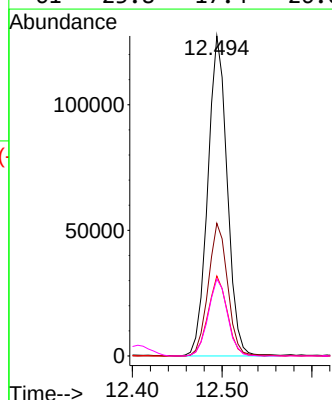
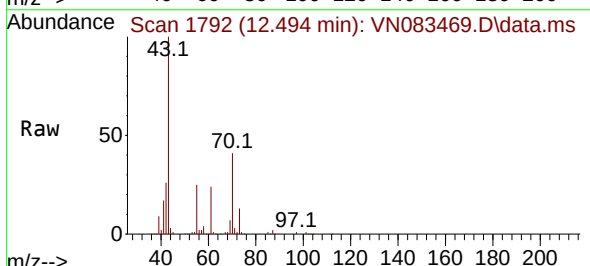
Ion Ratio Lower Upper

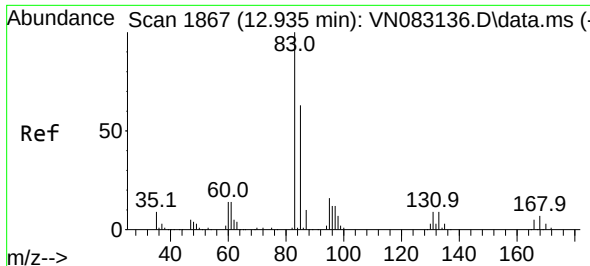
43 100

70 41.0 29.8 44.6

55 24.8 18.7 28.1

61 23.8 17.4 26.0

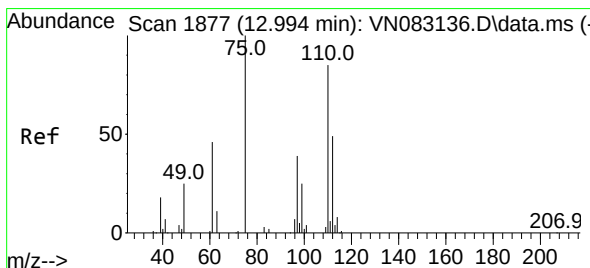
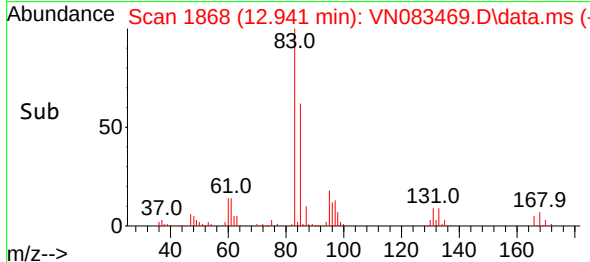
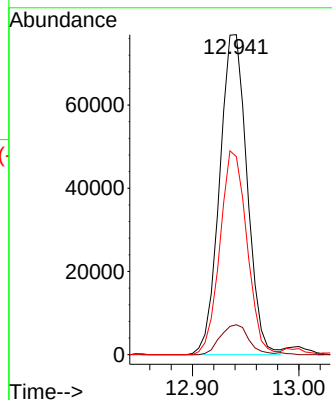
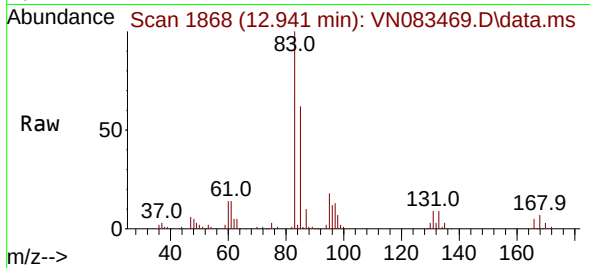




#75
1,1,2,2-Tetrachloroethane
Concen: 46.196 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

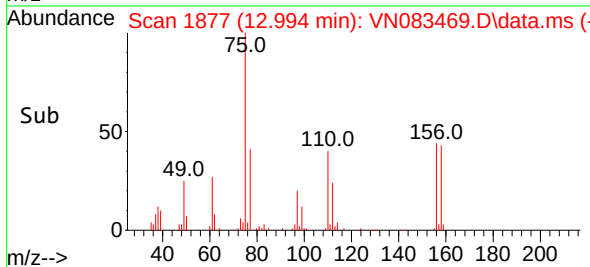
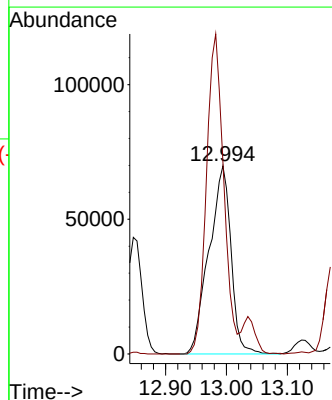
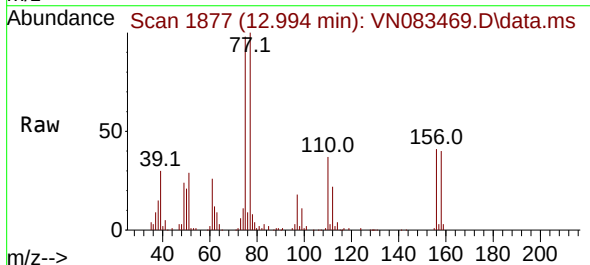
Instrument :
MSVOA_N
ClientSampleId :

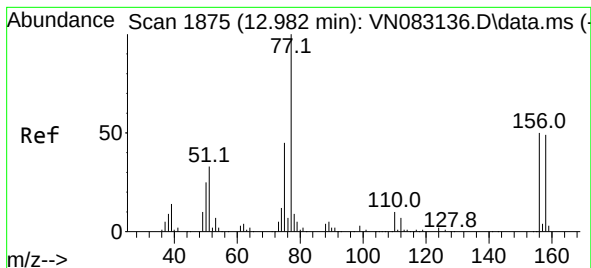
Tgt Ion: 83 Resp: 137690
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 62.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 63.366 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 75 Resp: 175221
Ion Ratio Lower Upper
75 100
77 133.4 110.9 332.6





#77

Bromobenzene

Concen: 42.951 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

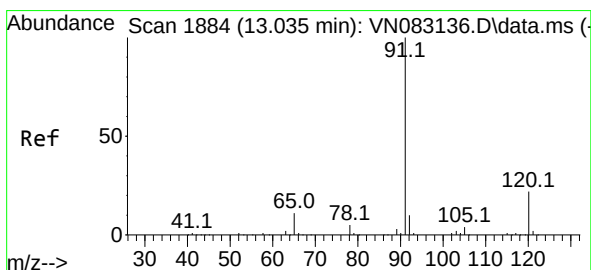
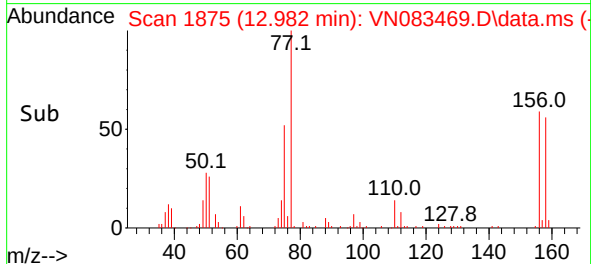
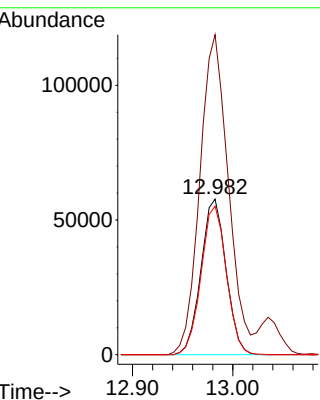
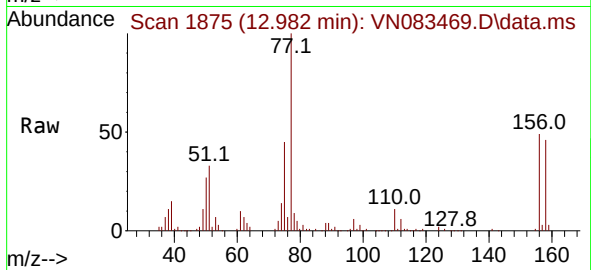
Tgt Ion:156 Resp: 100547

Ion Ratio Lower Upper

156 100

77 232.4 111.3 333.8

158 95.9 48.3 144.9



#78

n-propylbenzene

Concen: 41.671 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083469.D

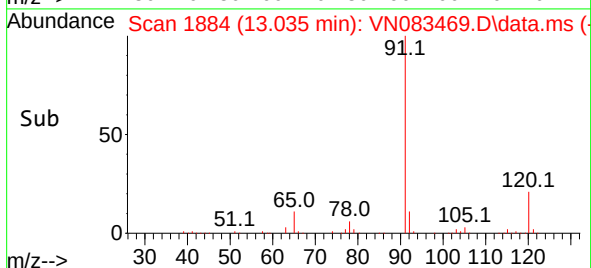
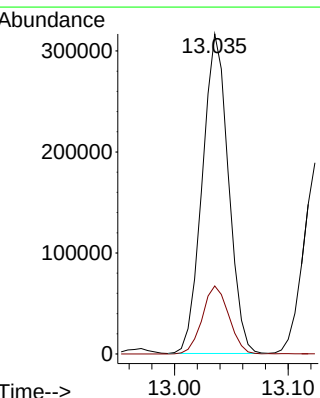
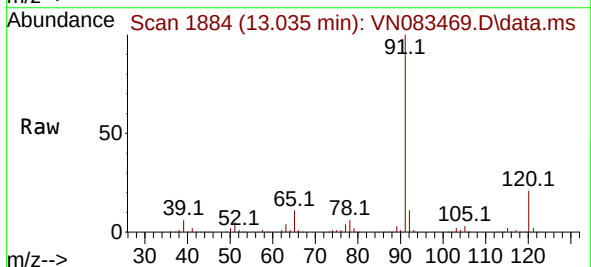
Acq: 23 Aug 2024 18:45

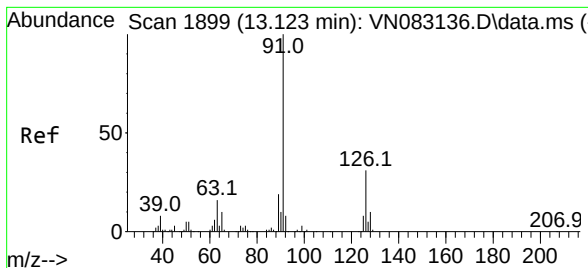
Tgt Ion: 91 Resp: 505665

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 42.196 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

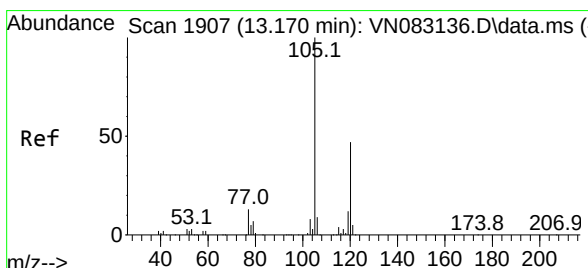
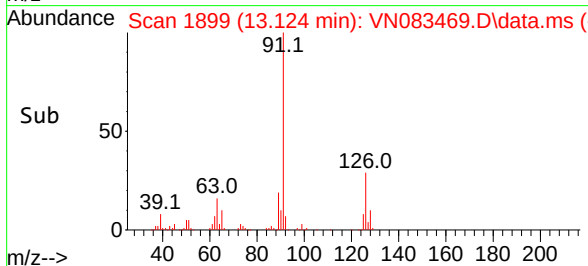
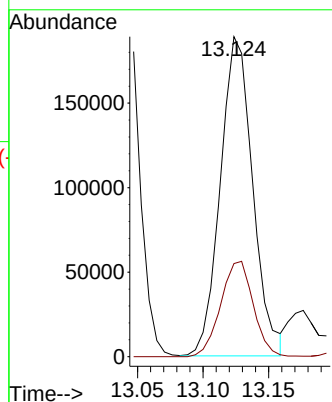
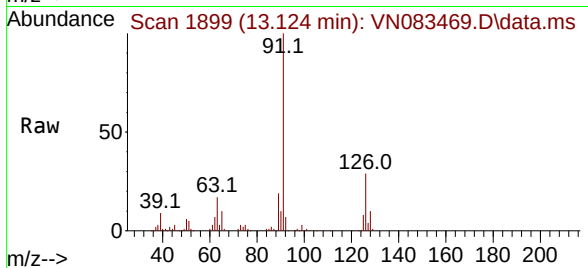
ClientSampleId :

Tgt Ion: 91 Resp: 324625

Ion Ratio Lower Upper

91 100

126 30.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 41.888 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083469.D

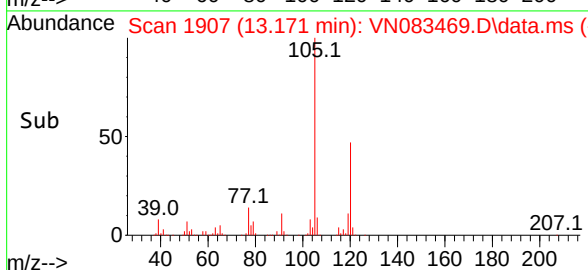
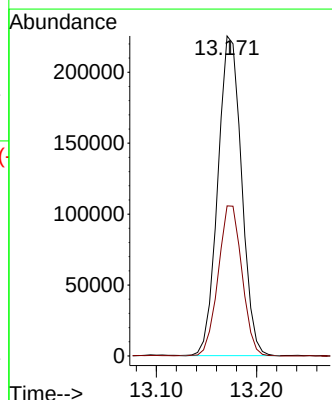
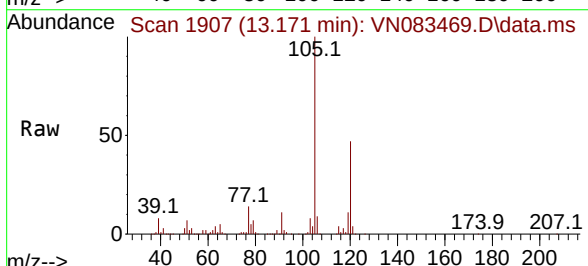
Acq: 23 Aug 2024 18:45

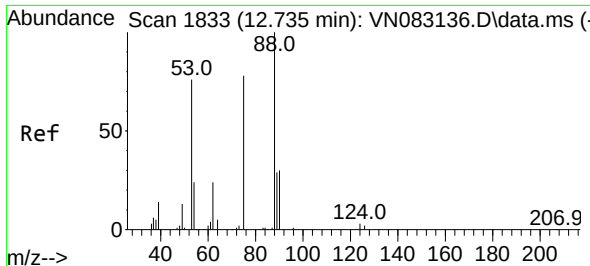
Tgt Ion: 105 Resp: 369565

Ion Ratio Lower Upper

105 100

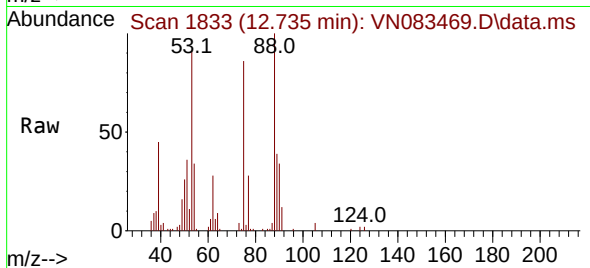
120 47.2 24.3 72.8



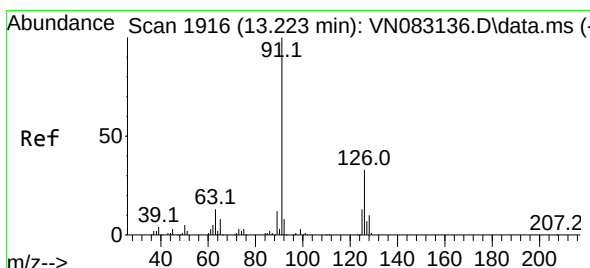
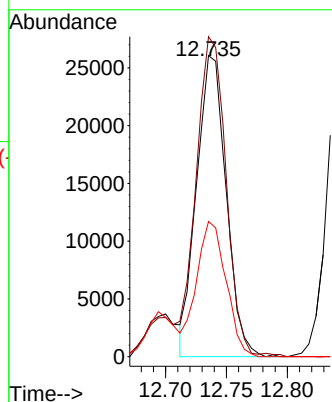
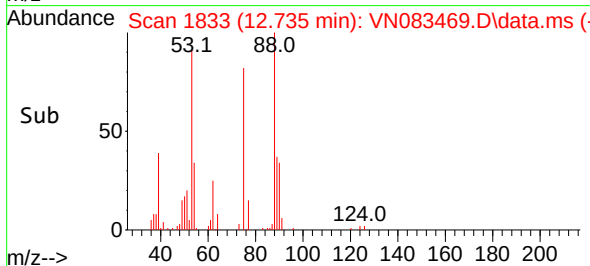


#81
trans-1,4-Dichloro-2-butene
Concen: 34.662 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

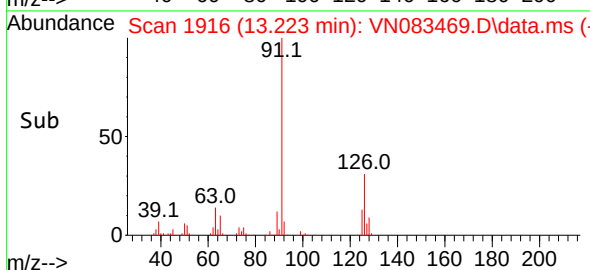
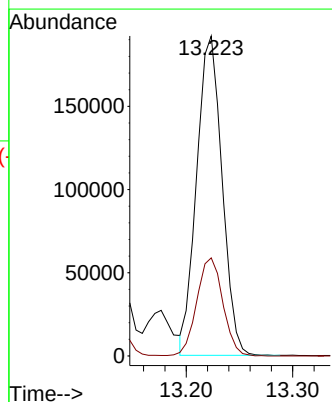
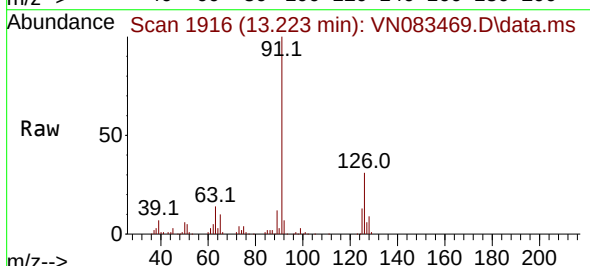


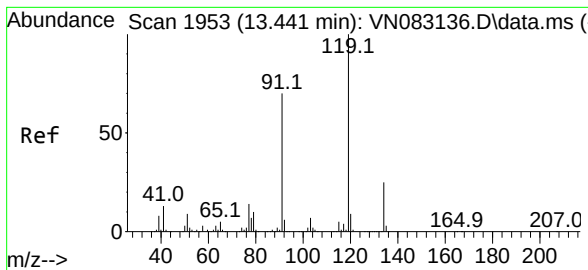
Tgt Ion:	75	Resp:	44063
Ion Ratio	Lower	Upper	
75	100		
53	109.3	88.4	132.6
89	45.2	36.3	54.5



#82
4-Chlorotoluene
Concen: 41.160 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion:	91	Resp:	317627
Ion Ratio	Lower	Upper	
91	100		
126	31.6	16.2	48.6

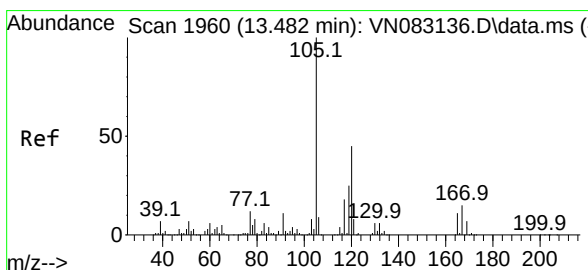
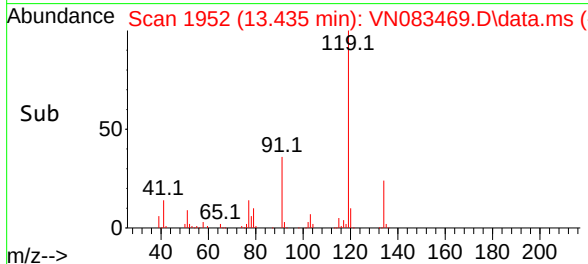
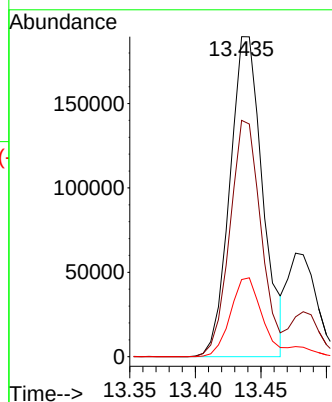
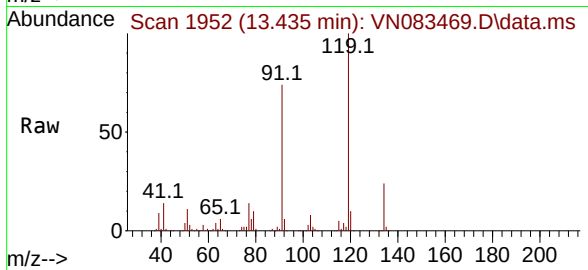




#83
 tert-Butylbenzene
 Concen: 42.259 ug/l
 RT: 13.435 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

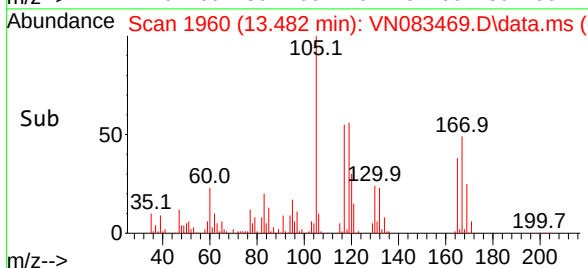
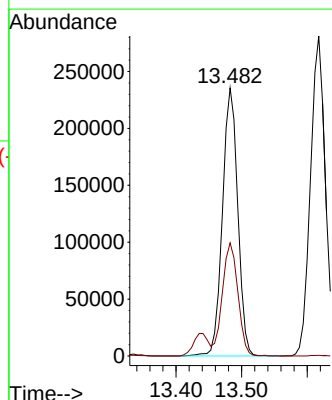
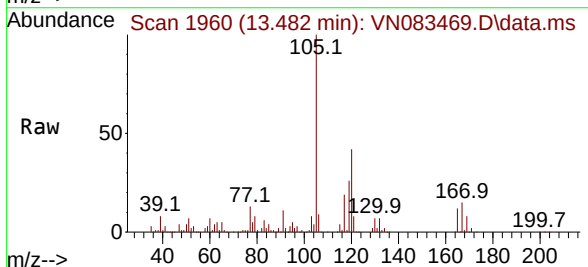
Instrument :
 MSVOA_N
 ClientSampleId :

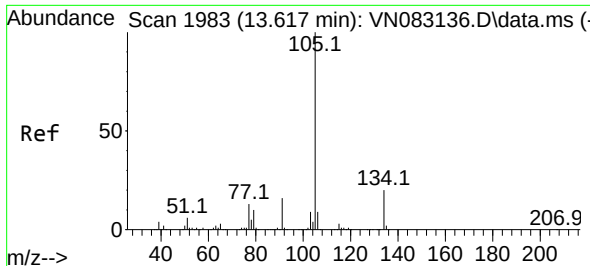
Tgt Ion:119 Resp: 330186
 Ion Ratio Lower Upper
 119 100
 91 70.3 35.0 105.1
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 42.760 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Tgt Ion:105 Resp: 380192
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.9 65.8

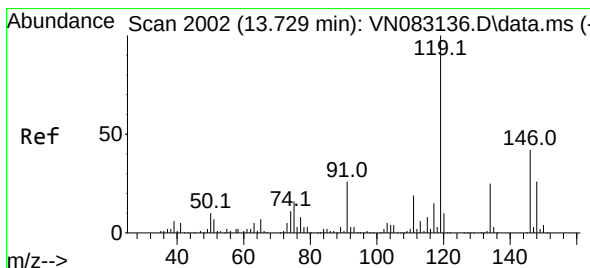
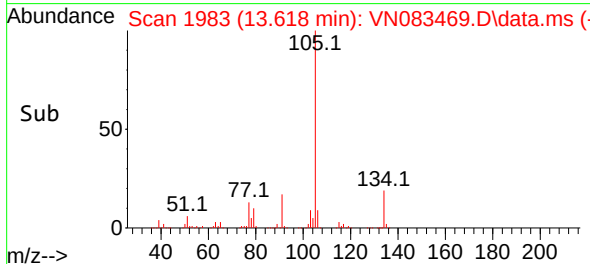
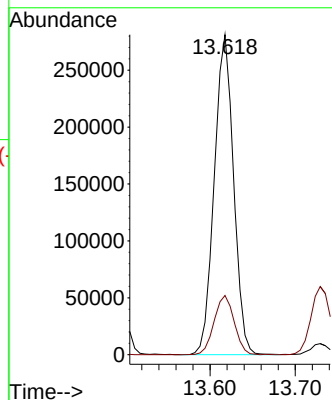
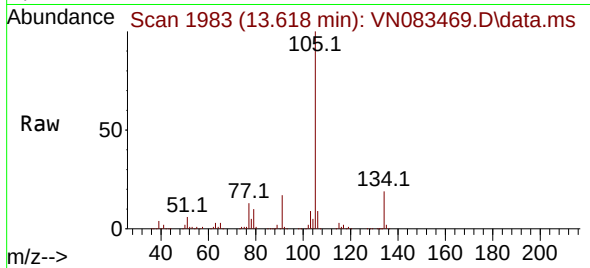




#85
 sec-Butylbenzene
 Concen: 41.500 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

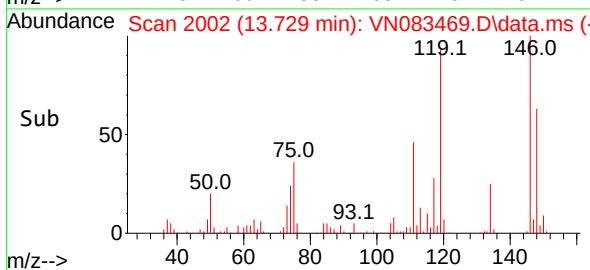
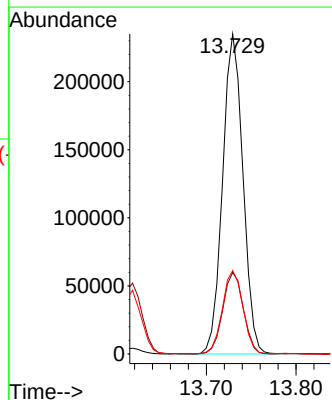
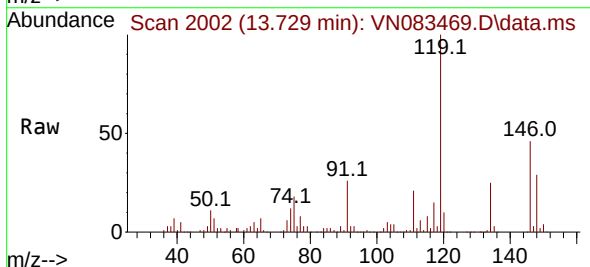
Instrument :
 MSVOA_N
 ClientSampleId :

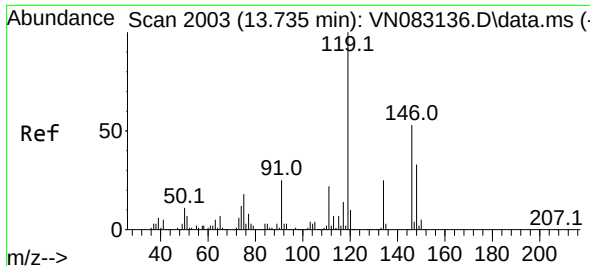
Tgt Ion:105 Resp: 442449
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 42.063 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083469.D
 Acq: 23 Aug 2024 18:45

Tgt Ion:119 Resp: 370277
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 26.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 43.948 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

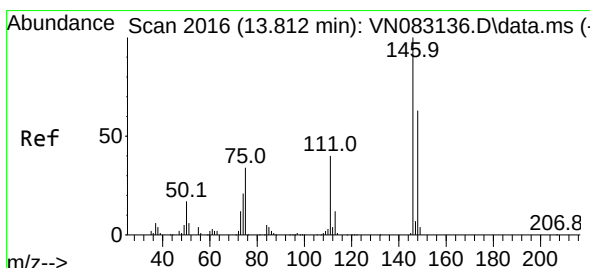
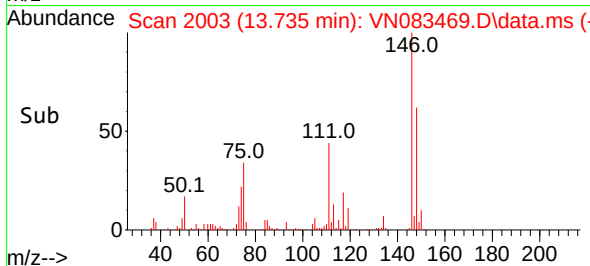
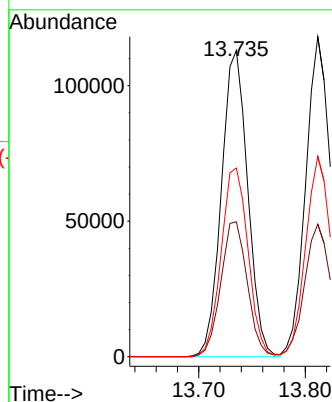
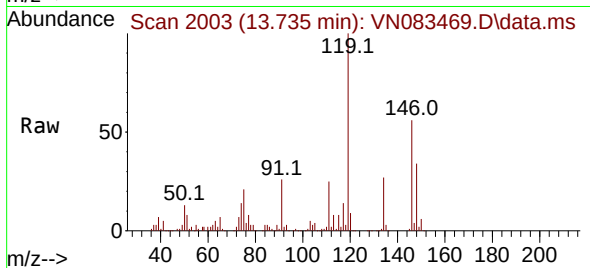
Tgt Ion:146 Resp: 193589

Ion Ratio Lower Upper

146 100

111 44.3 20.6 61.9

148 63.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 43.529 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

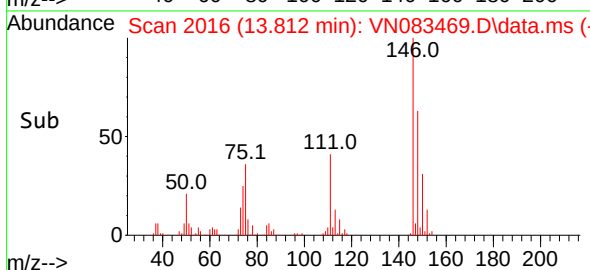
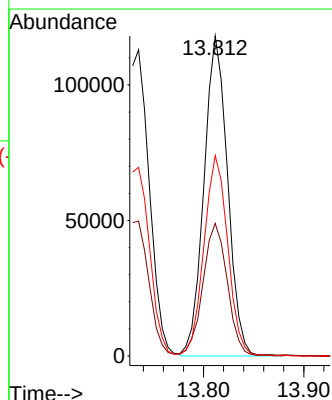
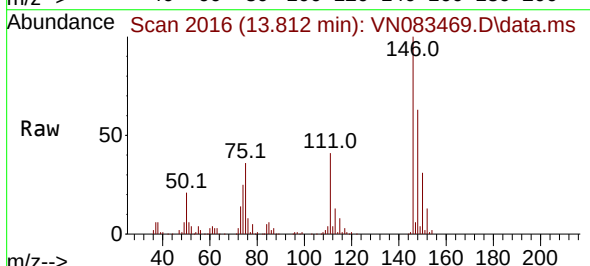
Tgt Ion:146 Resp: 193302

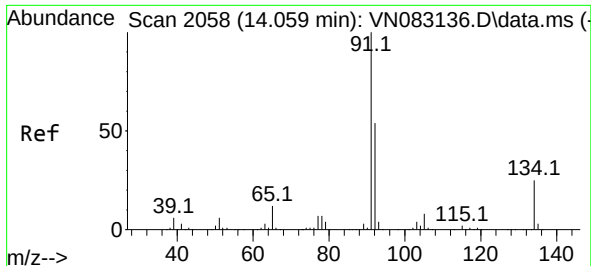
Ion Ratio Lower Upper

146 100

111 42.3 20.1 60.3

148 63.2 32.2 96.6

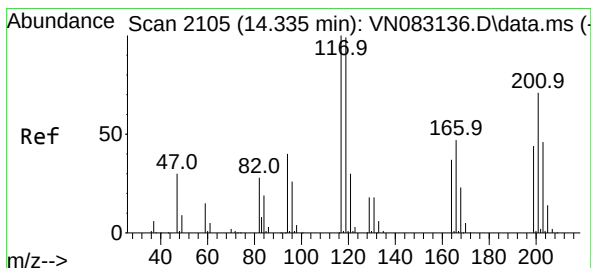
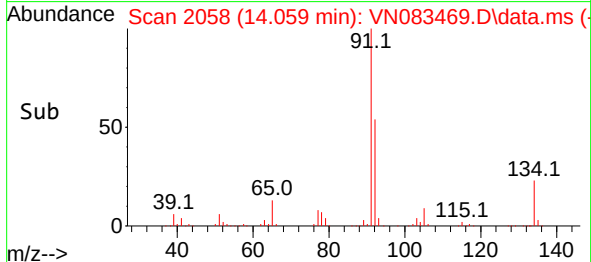
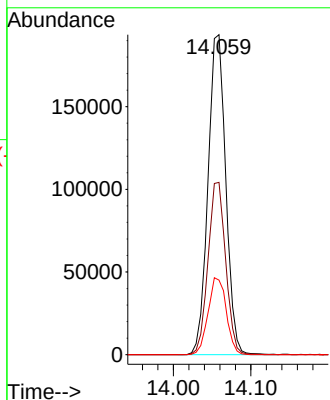
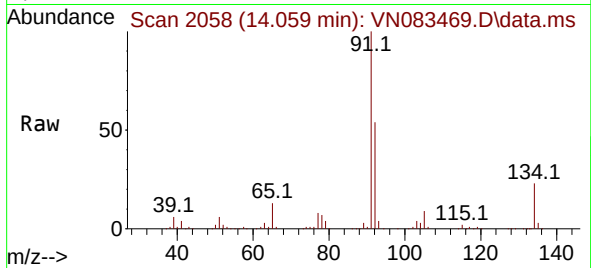




#89
n-Butylbenzene
Concen: 40.513 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

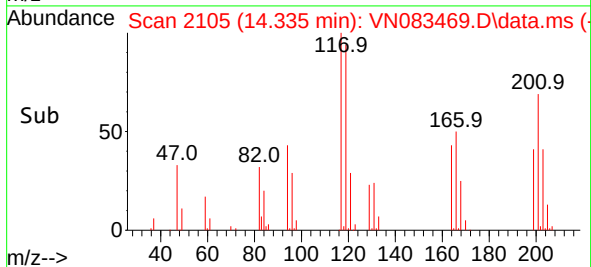
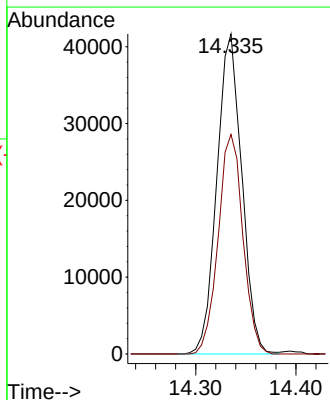
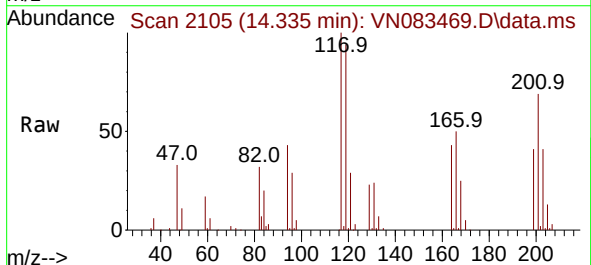
Instrument :
MSVOA_N
ClientSampleId :

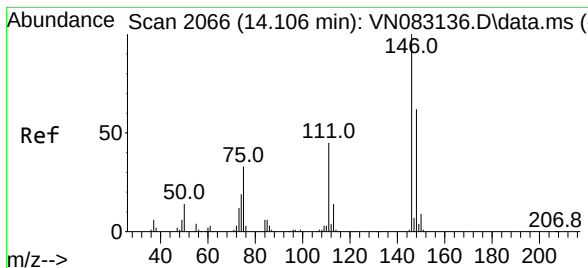
Tgt Ion: 91 Resp: 309015
Ion Ratio Lower Upper
91 100
92 53.5 26.1 78.3
134 24.6 12.1 36.3



#90
Hexachloroethane
Concen: 42.244 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion: 117 Resp: 71843
Ion Ratio Lower Upper
117 100
201 68.0 35.8 107.3

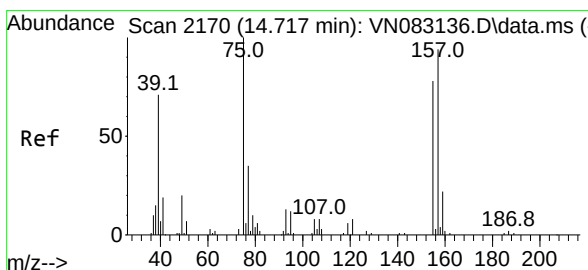
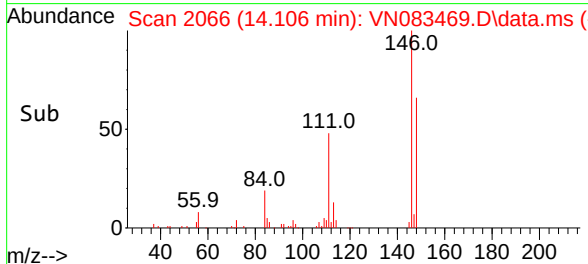
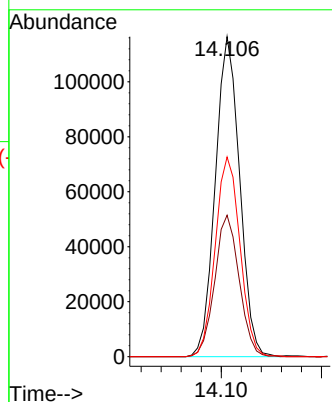
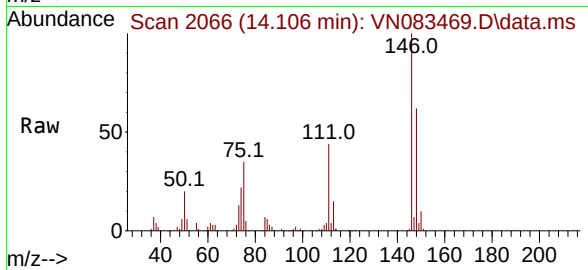




#91
1,2-Dichlorobenzene
Concen: 45.978 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

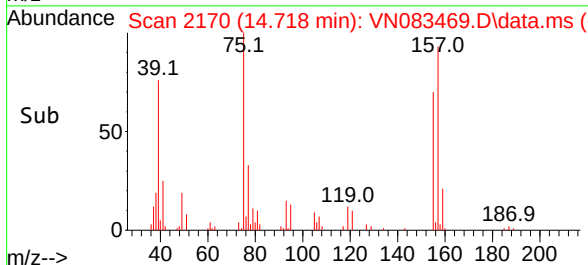
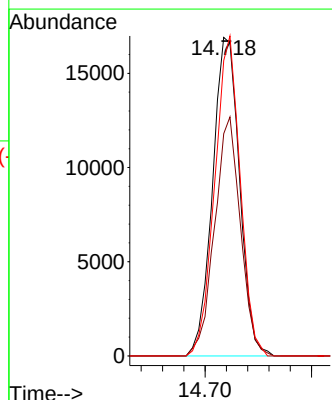
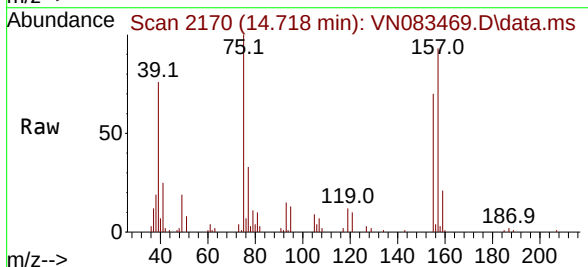
Instrument :
MSVOA_N
ClientSampleId :

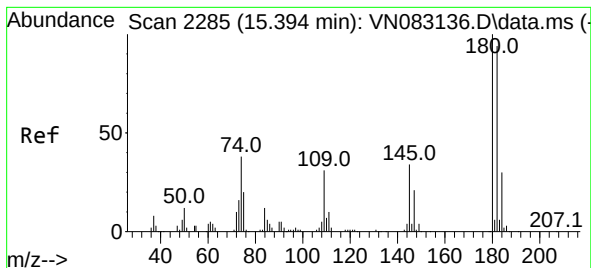
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.2
148	63.5	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.051 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083469.D
Acq: 23 Aug 2024 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.1	36.6	109.8
157	94.7	46.9	140.6





#93

1,2,4-Trichlorobenzene

Concen: 41.565 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

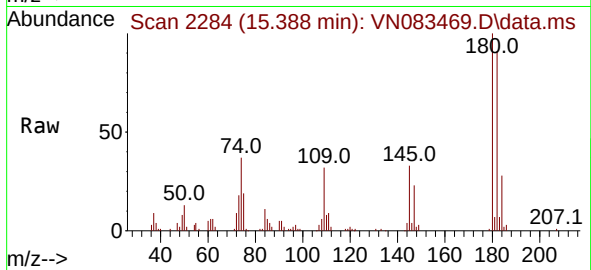
Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :



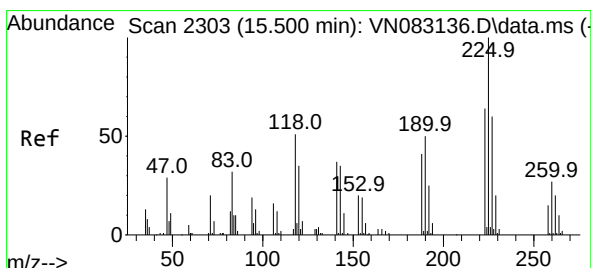
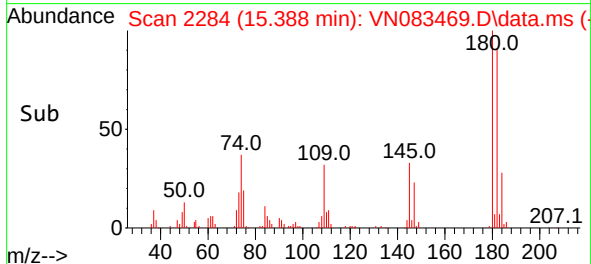
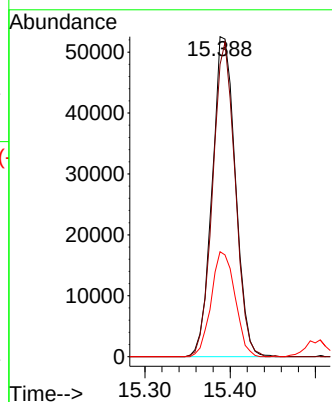
Tgt Ion:180 Resp: 99260

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 33.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 39.130 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

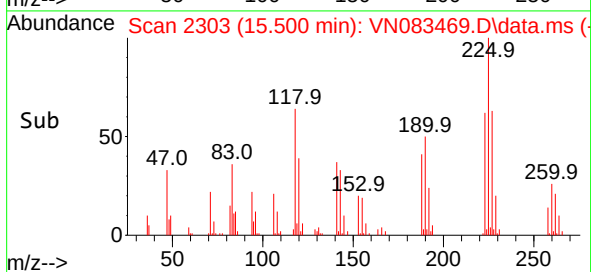
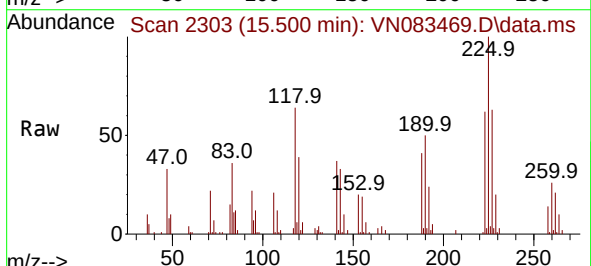
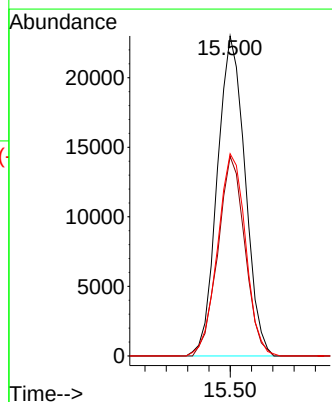
Tgt Ion:225 Resp: 41557

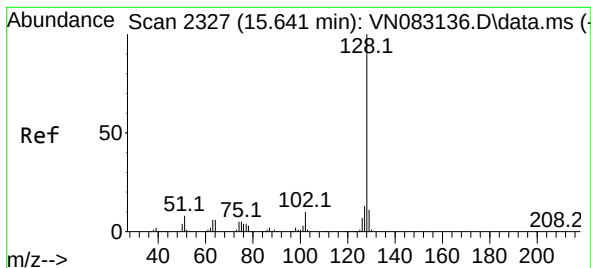
Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.7

227 63.9 32.5 97.5





#95

Naphthalene

Concen: 40.751 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

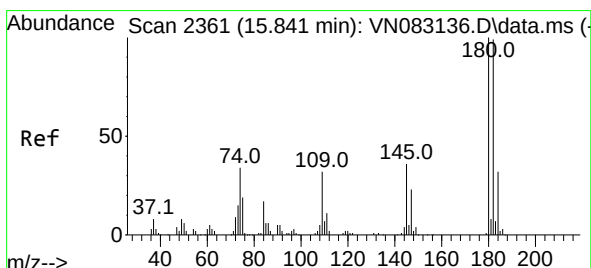
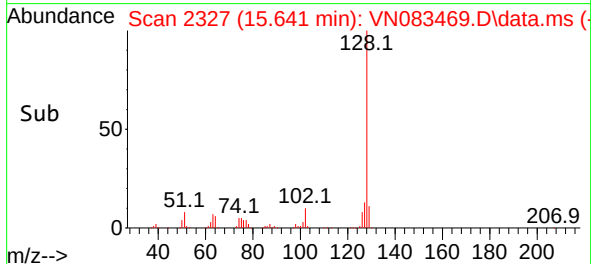
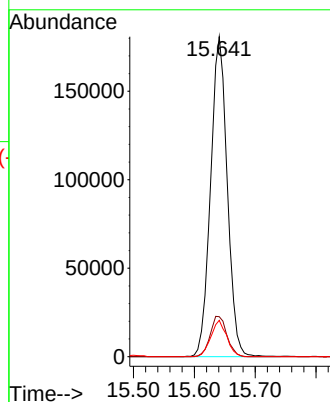
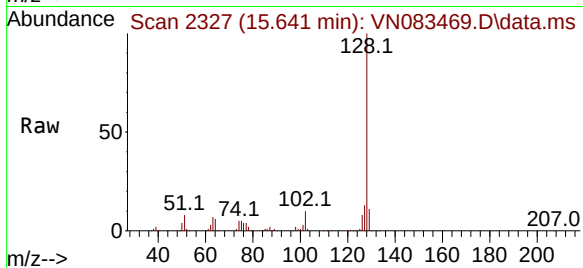
Tgt Ion:128 Resp: 344717

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 41.295 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083469.D

Acq: 23 Aug 2024 18:45

Tgt Ion:180 Resp: 97577

Ion Ratio Lower Upper

180 100

182 96.5 48.9 146.8

145 35.9 16.8 50.4

